

Assessment Report
Geological and Geochemical Surveying
on the
DAD Claim Block
Northern Tiger Resources Inc.

DAD 1-82 (YC65617 – YC65698)

Pelly – Yukon R. Confluence area,
62°48'27" N Latitude, 137°17'40" W Longitude
Whitehorse Mining District

NTS Sheet 115I/14, Zone 8

July 16 – Aug 16, 2008

Effective Date: September 30, 2008

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Jan 12, 2009

Summary

During the early summer of 2008, Northern Tiger Resources Inc. (Northern Tiger) finalized its 100% acquisition of the DAD claim block from Minto Explorations Ltd., a wholly owned subsidiary of the Capstone Mining Corporation (formerly the Sherwood Copper Corporation), operator of the nearby Minto high grade copper-gold-silver mine. The acquisition was made in exchange for work commitments. An exploration program consisting of geological mapping and reconnaissance-style geochemical sampling was conducted by Northern Tiger in 2008.

The DAD property consists of 82 quartz mining claims in a single contiguous block covering 1,722.0 hectares (4,253 acres) directly northeast of the confluence of the Yukon and Pelly Rivers. It was staked in August 2007 by Minto Explorations Ltd. to cover ground prospective for “Minto-style” copper-gold mineralization. The property is located about 95 km north-northwest of Carmacks, Yukon, and within 20 kilometres of the all-weather Minto mine access road and large airstrip.

The DAD property is located within the northern limit of the Intermontane Superterrane, which occurs as a narrow sequence of Triassic to Lower Jurassic Stikinia Terrane volcanic and volcanoclastic strata mixed with Lower Jurassic Quesnellia Terrane metagneous units specifically the Aishikik Intrusive Suite. The Minto deposit is hosted by the Klotassin Batholith, a member of the Aishikik Suite.

The Minto deposit occurs as a flat-lying body at depth, with no surface exposure other than minor hydrothermally transported copper oxide mineralization in the form of azurite and malachite. The deposit was discovered and delineated through diamond drilling. Any surface geochemical signatures are likely to be subdued; thus modest anomalies and surface occurrences may represent a significant target at depth.

The DAD property is underlain roughly equally by a member of the Aishikik intrusive suite lying in north-south contact with a sequence of Povoas Formation andesite to basalt flows and tuffs, with interflow fine clastic sedimentary units, east of the contact. Only the intrusive portion is prospective for Minto-style mineralization. Two major multi-kilometric-scale soil geochemical anomalies were delineated from exploration programs in 1971, 1972, 1981; a copper-molybdenum anomaly along a steep north-facing slope in the northwestern area, and a copper anomaly along a steep south-facing slope near the south boundary. The 2008 program confirmed the presence of these anomalies. The geochemical signature of the southern anomaly is more indicative of Minto-style mineralization than the northern one.

A program of detailed geological mapping, some further soil geochemical sampling, and a short ground magnetic survey are recommended for 2009. Other recommendations include detailed mapping of the northern anomaly and some further due-diligence style regional traversing.

Total applicable expenditures incurred in 2008 stand at **CDN\$33,659**. Projected expenditures for the 2009 program, including project preparation and report writing, stand at **CDN\$61,597**; with 15% contingency this figure stands at **CDN\$70,087**.

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1.0 Introduction

1.1 Introduction

The DAD property, located in central Yukon and consisting of 82 full quartz mining claims in a single block covering 1,722.0 hectares (4,253 acres), was staked in August 2007 by Minto Explorations Ltd. to cover ground prospective for “Minto-style” copper-gold mineralization. In June 2008 Northern Tiger Resources Inc. (Northern Tiger) obtained a 100% interest in the claims, in exchange for exploration commitments across the property. An exploration program consisting of geological mapping, reconnaissance-style soil sampling, some silt and rock sampling and post tagging was conducted by Northern Tiger from July 16 to August 16, 2008.

This report will focus on details of the 2008 exploration program, including tabulation and interpretation of results.

1.2 Sources of Information

Regional geological data was taken from the Yukon Geology Survey website. Historical and geological data was obtained from three assessment reports provided by Canadian Occidental Petroleum Ltd: a 1971 report entitled “Geology and Geochemistry of the Pelly Claim Group”, by D. Nutter, P. Mehrotra, and C.F. Gleeson; a 1972 report entitled “Geochemical Survey of the Pelly – Dary – Prat Claims” by P. Mehrotra, and a 1972 report entitled “Diamond Drilling on the Pelly – Dary – Prat Claims” by P.Mehrotra. A 1981 assessment report for United Keno Hill Mines Ltd. entitled “1981 Geological and Geochemical Report on the Dad Claim Group” by L.L. Coughlan and R.J. Joy on the DAD 1-68 claims staked in January 1981 was also used.

The geological setting and potential deposit model is similar to that of Capstone Mining Corporation’s (formerly Sherwood Copper Corporation) Minto mine site, located roughly 20 km to the south-southeast. Details of these were kindly provided by Mr. Brad Mercer, BSc, PGeol, and Vice President of Exploration for Sherwood Copper Corporation, prior to the field program.

1.3 Terms of Reference

This report was prepared to satisfy requirements for Assessment Report filing by the Yukon Mining Recorder, Ministry of Energy, Mines and Resources, Government of Yukon.

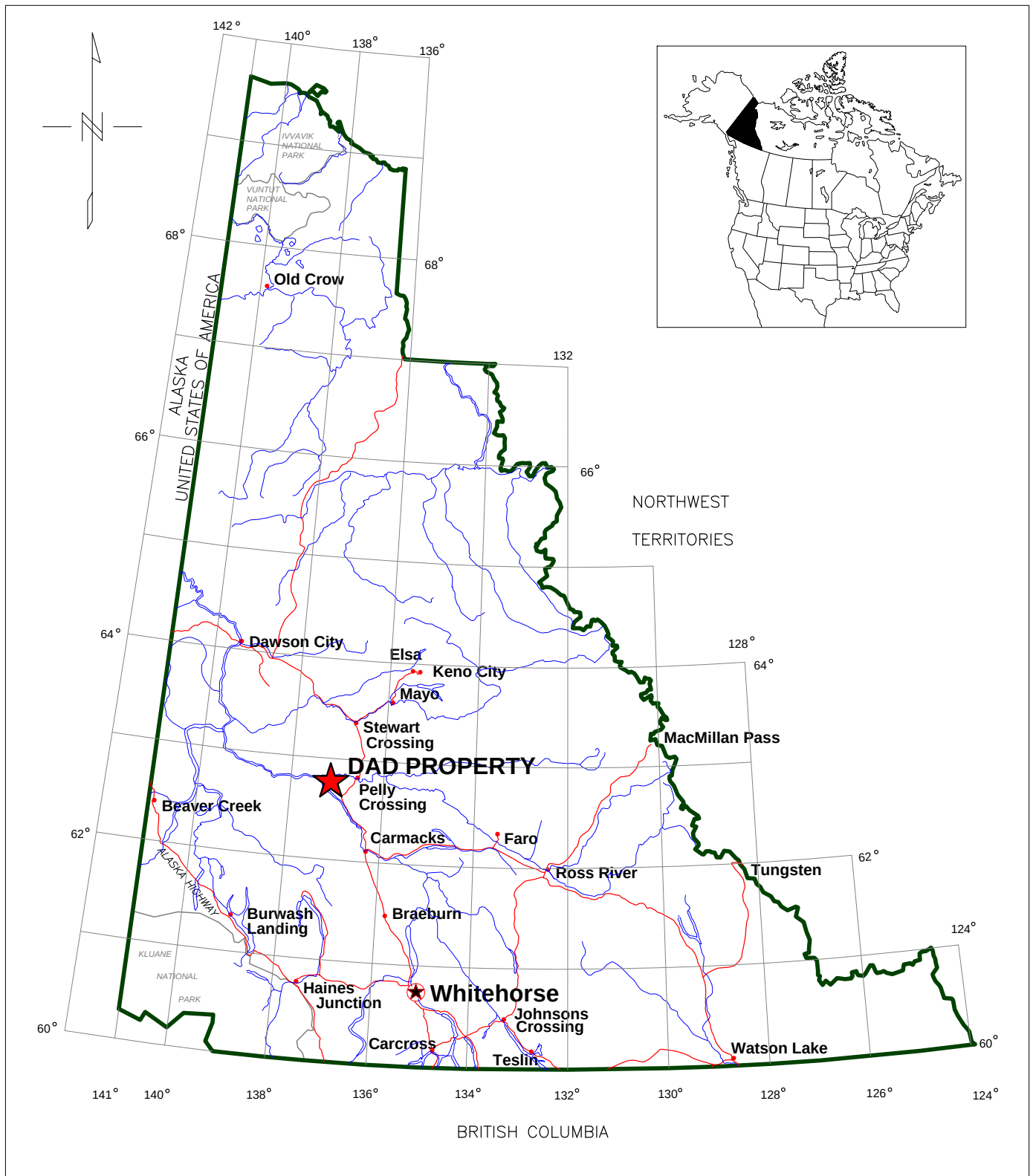
1.4: Involvement of the Qualified Person

Mr. Carl Schulze, PGeo and Qualified Person for the project, was on site for five of the total of six days of actual site work. Mr. Schulze also designed and managed the entire program.

2.0 Property Description and Location

The DAD property consists of 82 unpatented quartz mining claims (Table 1, Figures 1-3) in a single block covering 1,722.0 hectares (4,253 acres) directly northeast of the confluence of the Pelly and Yukon Rivers. The property is located about 95 km north-northwest of Carmacks, Yukon, and is centered at 62°48'27" N Latitude, 137°17'40" W Longitude (UTM NAD 83 coordinates: 383480E, 6966220N, Zone 8) within NTS map sheet 115I/14. The property has not undergone a legal survey.

No mineral reserves or resources have been delineated on the property to date. No hard rock mine workings, tailings ponds or waste deposits exist within the project area. No special environmental concerns or liabilities are known for this area.



100000 0 100000
(meters)

NORTHERN TIGER RESOURCES INC.

**DAD PROPERTY
PROPERTY LOCATION MAP
FIGURE 1**

NTS: 115 I/14
Datum: N/A
Date: 20 Jan 09

Mining District: Whitehorse
Projection: N/A
Drawn by: HDS

Stewart Basin Exploration

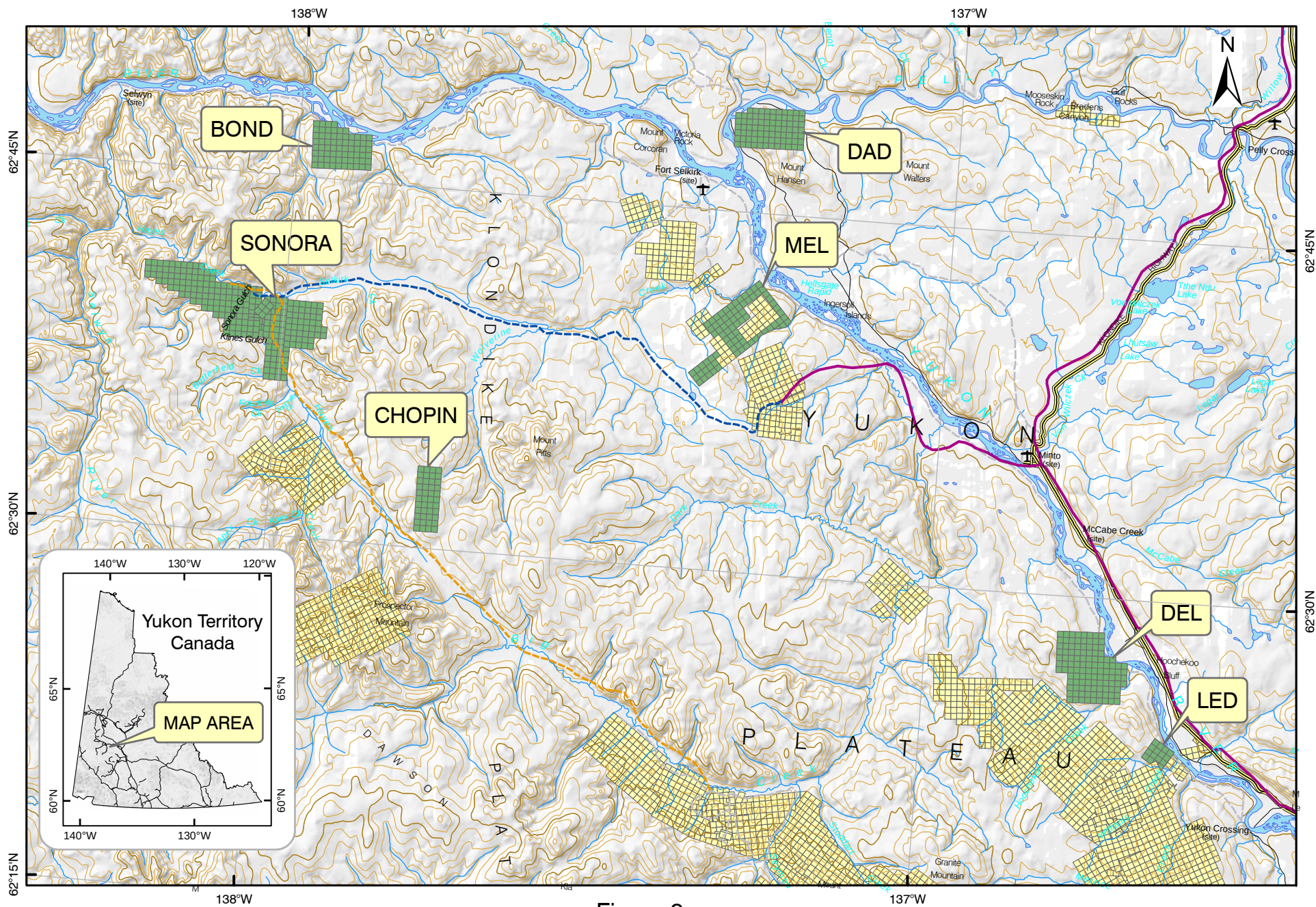


Figure 2
DAD Property
Northern Tiger Resources Inc.
Regional Claim Location Map

0 5 10 20 km

December 13, 2008

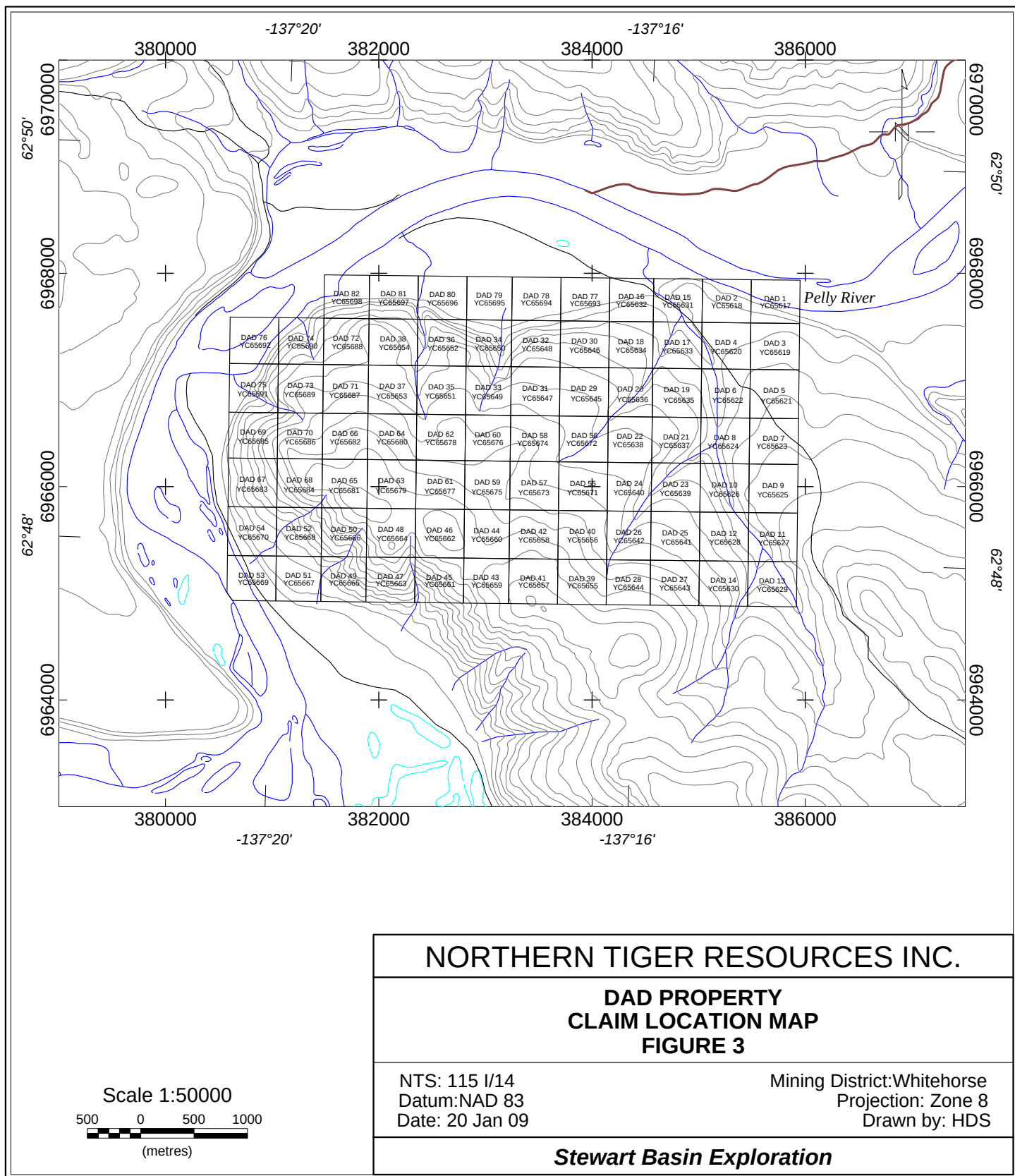
Table 1: Claim Status

DAD 1-82 Claim Block, Northern Tiger Resources Inc.

NTS Sheet: 115I/14

As of Jan 9, 2009

Grant No's	Claim Name	Expiry Date
YC65617 - YC65618	DAD 1 - 2	15/08/2013
YC65619 - YC65630	DAD 3 - 14	15/08/2012
YC65631 - YC65632	DAD 15 - 16	15/08/2013
YC65633 - YC65650	DAD 17 34	15/08/2012
YC65651 - YC65652	DAD 35 - 36	15/08/2013
YC65653 - YC65668	DAD 39 - 52	15/08/2012
YC65669	DAD 53	15/08/2011
YC65670 - YC65695	DAD 54 - 79	15/08/2012
YC65696	DAD 80	15/08/2013
YC65697 - YC65698	DAD 81 - 82	15/08/2012



3.0 Physiography, Climate, Access and Infrastructure

3.1 Physiography and Climate

The DAD property covers a gently north-sloping plateau with steep southern, western and northern boundaries directly northeast of the confluence of the Pelly and Yukon Rivers. Elevations range from about 1,430 feet (435m) along the Pelly River flood plain to about 2,900 feet (885m) in the southeastern area. The block is located along the western margin of the Reid ice advance, the second-most recent major continental glacial event, although some pre-Reid glaciation has occurred somewhat farther to the west.

Outcrop, subcrop and rubblecrop exposure is sparse, except for steep terrain along plateau margins and an area of fairly abundant outcrop in the eastern area. Limited discontinuous permafrost occurs along some north-facing slopes and low lying areas.

The climate of the DAD property area is typical of central Yukon, with short, warm summers with daily highs normally exceeding 20° C, and long, cold winters with daily highs normally colder than -18°C. Precipitation is light, and the snow-free period extends from mid-May through late September. Exploration is most feasible from late May to late September, although drilling may continue until late October.

Vegetation is also typical of dry areas of central Yukon, consisting mostly of mature spruce, poplar and lodgepole pine forests, with stunted poplar covering south facing slopes. South facing slopes are locally free of trees.

3.2 Access and Infrastructure

The extreme southwestern corner of the DAD property is accessible by summer road extending northwest for roughly 35 kilometres from the North Klondike Highway to several inhabited cabins in the extreme southwest corner of the property. However, this is considered to be a private road near the cabins. A second access road extending through eastern areas has become overgrown with vegetation and is not currently usable; potential for refurbishment is not known (Figure 3).

A farm along the north shore of the Pelly River directly opposite of the property is accessible by road extending from the North Klondike Highway just north of the Pelly River. The farm is quite extensive and appears to be permanently inhabited; however this road should be considered as private access near the farm.

The historic community of Fort Selkirk occurs along the south bank of the Yukon River directly downstream of the confluence. A sizable airstrip appears to be serviceable; however it is a historic site and not recommended as a staging point.

The Minto mine site is located about 20 kilometres south of the southern DAD property boundary, the Minto Landing airstrip is located about 35 km to the south. The mine is serviced by an all-weather access road extending from the North Klondike Highway, with seasonal ferry service across the river, as well as winter road access at the same location. The mine site is not road-accessible during freeze-up and early winter, and during spring break-up. An all-weather airstrip capable of servicing large cargo turboprop aircraft is located at the mine site. The mine is now serviced by grid electrical power based in Whitehorse, and has back-up diesel-generated power on site.

The DAD property is large enough to contain any future mining, milling and waste disposal areas, although areas with highest economic potential occur at lower elevations where usable land for major infrastructure is limited. The Pelly River floodplain is not feasible for significant construction. The Yukon and Pelly rivers, extending along the west and north boundaries respectively, has an adequate water supply to service any future operations; limited water also exists in a smaller stream in eastern areas.

Carmacks is serviced by the Klondike Highway, a major all-weather highway extending from Whitehorse to Dawson City, and by grid electric power extending from Whitehorse. The community of about 350 has basic services, including food and fuel supplies and seasonal helicopter and fixed wing services. The community of Pelly Crossing, population about 300, is located about 30 kilometres northeast of Minto Landing, and 102 road kilometres north of Carmacks. Pelly Crossing also has basic services and provides much of the workforce at the Minto mine site. Whitehorse, located 170 km to the south, is a full service community with a population of about 23,000, including a sophisticated mineral exploration service community and an available workforce.

No permits are currently in place for exploration.

4.0 History

The present DAD claim block was first staked as the 104-claim PELLY-DARY-PRAT block in August, 1970 by Canadian Occidental Petroleum Ltd, to cover copper and molybdenum geochemical anomalies along the northeast-southwest contact separating a Jurassic granodiorite stock from Triassic volcanics and volcanoclastics to the southeast. In 1971 the company conducted grid soil sampling, geological mapping and Induced Polarization and surface magnetic geophysical surveying (Yukon Minfile, 2009). The soil survey revealed a sizable east-west trending copper-molybdenum anomaly along the steep north facing slope marking western portions of the northern flank of the plateau. A second extensive copper-in-soil anomaly was identified along the steep slope marking the southern boundary (Nutter, Mehrotra and Gleeson, 1971).

In 1972 Canadian Occidental Petroleum conducted a three-hole, 430.0-metre drill program as a “fence” along the north-facing slope marking the northern plateau boundary within the eastern portion of the northern anomaly. This intersected graphitic argillite and tuff with up to 20% pyrite with weakly anomalous copper, zinc and molybdenum values. The best results were

returned from graphitic schist and graphitic argillite, to a maximum of 114 ppm copper, 1,048 ppm (0.105%) zinc and 67 ppm molybdenum across 15.2 metres (Mehrotra, 1973). Some assessment reports refer to the company as the “Occidental Minerals Corporation of Canada”.

The property was restaked as the DAD 1-68 claims in January 1981 by United Keno Hill Mines Ltd, which performed an airborne geophysical survey and geological mapping and geochemical sampling later that year. United Keno Hill recognized a similar geological setting as that underlying the DEF property, by then known to host a significant copper-gold-silver deposit, since brought into production as the Minto mine by Sherwood Copper Corporation Inc. and currently held by the Capstone Mining Corporation. Detailed soil sampling was done across the north facing slope in northern areas, essentially revealing the same geochemical anomaly identified by Canadian Occidental Petroleum. Several minor intrusive-hosted copper occurrences were also identified. No surveying was done across the southern anomaly identified by Canadian Occidental Petroleum.

No further exploration was reported prior to acquisition by Minto Explorations Ltd.

5.0 Geology

5.1 Regional Geology

The MEL property is located within the northern limit of the Intermontane Superterrane (Hart, 2008), occurring as a narrow sequence of Triassic to Lower Jurassic Stikinia Terrane volcanic and volcanoclastic strata mixed with Lower Jurassic Quesnellia Terrane metaigneous units. This superterrane extends northwest – southeast, largely along the Yukon River, within the much more aerially extensive Yukon-Tanana Terrane (YTT). The latter occurs as a broad sequence of accreted terrane abutted against the northwest – southeast trending Tintina Fault, separating the YTT from shelf to off-shelf sediments bordering the ancient North American Continent to the northeast. The Tintina Fault is located about 65 kilometres northeast of the DAD property. The YTT consists of a belt of Devonian-Mississippian metamorphic rocks, mainly metavolcanics with lesser metasediments. The northwest – southeast trending Denali (Shakwak) Fault about 170 km to the southwest forms the southwestern boundary of the YTT, separating it from a younger sequence of accreted terrane farther to the southwest (Davidson, 2008).

Stikinia Terrane units consist largely of Upper Triassic Povoas Formation basalts to andesites, including andesitic ash through lapilli tuffs, with lesser clastic sedimentary units ranging from coarse conglomerate through mudstone to shale. These represent the northernmost portions of the Whitehorse Trough. Stikinia Terrane units commonly abut against Quesnellia Terrane Lower Jurassic Aishikik Suite medium to coarse grained biotite-hornblende metagranites and granodiorites, commonly moderately foliated. The Minto copper-gold mine occurs within the Klotassin Batholith, a foliated biotite granite member of the Aishikik Suite.

Much of the area surrounding the Intermontane Terrane is underlain by Upper Cretaceous to early Tertiary Carmacks Group volcanics, comprised largely of mafic flood basalts and

andesites, with lesser felsic flow and tuffaceous units, and localized basal clastic strata (Open File, Geological Survey of Canada, 2001).

5.2 Property Geology

Year-2008 mapping revealed that western portions of the DAD property are underlain by a hornblende-diorite member of the Jurassic Aishikik Suite (Map 1). This lies in roughly north-south contact with a northwest-southeast trending suite of Upper Triassic Povoas Formation andesites to basalts, including andesite tuffs, intercalated with units of mudstone and shale. The two major units each underlie roughly half of the property area.

Detailed geological mapping occurred along the northern slope in the area of the northern geochemical anomalies identified by Canadian Occidental Petroleum and United Keno Hill Mines. This indicated the hornblende diorite is equigranular and coarse grained, with minor medium grained pyrite and moderate limonite staining. Localized weak epidote alteration occurs throughout this area; minor quartz-carbonate veining and weak calc-silicate alteration were also identified. Xenolithic-style inclusions of gabbro, likely originating from an earlier magma fractionation phase, occur within the hornblende diorite. Foliation, where apparent, extends roughly east-west, with variable south dips.

The majority of the Povoas Formation volcano-sedimentary package consists of andesite to basalt flows, with lesser lapilli to ash tuff. Minor chlorite alteration and limonite staining occurs throughout. A broad sub-unit of mudstone extends northwest-southeast in eastern areas, with smaller parallel units occurring somewhat to the south (Map 1). Minor diabase dykes occur in central areas. Foliation orientations are similar to those within the hornblende diorite, extending east-west to east-southeast – west-northwest, with variable dips both to the north and south.

Although no outcrop was identified in southwestern areas, rock chip identification from soil sampling indicate the area is also underlain by a granite-like intrusion, likely representing an extension of the Aishikik Suite stock underlying northwestern areas.

A small unit of Upper Cretaceous to Tertiary Carmacks Group volcanics, consisting primarily of basalt, is indicated in regional mapping by the Yukon Geology Survey. This was not noted in 2008 mapping, although it is included in Map 1. Year-2008 mapping roughly supported previous mapping by United Keno Hill Mines and the Yukon Geology Survey.

6.0 Deposit Model

The deposit model utilized as an exploration target is that of “Minto-style” copper-gold-silver mineralization, the setting of the Minto deposit, currently in production. The following information was provided by personal communication in early 2008 with Mr. Brad Mercer, then Vice President of Exploration of Sherwood Copper Corporation; the Sherwood Copper website itself, and the Yukon Minfile database.

The Minto deposit occurs as a flat-lying body approximately 1,100 feet (335 metres) long in a north-south orientation, 800 feet (245 metres) in an east-west orientation, and averaging 100 feet (30 metres) thick. The deposit is hosted by foliated granodiorite to granodiorite gneiss, with higher-grade zones hosted by more strongly foliated and strongly biotite-enriched sections. In the Minto deposit area, the main diagnostic feature is the presence of foliation in otherwise non-foliated Klotassin Batholith granodiorite (website, Sherwood Copper Corporation).

The mineralization consists of chalcopyrite, bornite, and minor pyrite with accessory magnetite, with gold and silver occurring with the bornite (Sherwood Copper website, 2008). Gold occurs as free gold, and silver occurs as “hessite”, a silver telluride. Copper oxide minerals, mainly azurite and malachite, occur along the upper portions of the zone where in contact with surface weathering, and along fractures and joint planes outbound from the deposit. A distinct zonation occurs from west to east, extending from bornite-chalcopyrite-magnetite in the west through bornite-chalcopyrite in central areas to pyrite in eastern areas. Hydrothermal alteration also exhibits zonation, extending from potassic and/or phyllic alteration within mineralized zones to epidote +/- chlorite – propylitic assemblages along marginal areas (Sherwood Copper website, 2008). Potassic alteration typically occurs as zones of coarse grained, strongly foliated biotite, comprising up to half of the rock mass. Alteration does not extend far beyond the margins of mineralization (Mercer, pers comm).

This model, which has no analogues on a worldwide basis, has several theories brought forth regarding its origin. In a 1999 report, SRK Consulting Inc. theorized the deposit resulted from emplacement of hydrothermal fluids into dilational zones. Analogies to porphyry-style copper deposits and iron-oxide copper-gold (IOCG) deposits have also been put forth.

Results of an August, 2006 feasibility study on the Main Zone stated a proven reserve of 5.9 million tonnes grading 2.20% copper, 0.80 g/t gold and 9.13 g/t silver (Sherwood Copper website, 2008).

7.0 Mineralization

In 1971 Canadian Occidental Petroleum conducted a comprehensive soil geochemical survey analyzing for copper, molybdenum and zinc across the property. This revealed two broad anomalies: one is a combined copper – molybdenum anomaly extending across the steep slope marking the northwestern boundary of the plateau. Minor chalcopyrite occurrences with malachite staining were identified within this anomalous area. The other is a copper anomaly extending across, and to the south of, the steep slope marking the southern plateau boundary. The 1981 soil geochemical program by United Keno Hill Mines confirmed the extent of the northern anomaly; however no surveying was done across the southern one.

The 2008 program included detailed mapping across portions of the northern anomaly, revealing minor medium grained pyrite and weak to moderate limonite staining. No copper mineralization was noted. Silt sampling along a small stream extending through the anomaly revealed a weakly

elevated gold value of 0.024 g/t taken slightly upstream of the anomaly; another sample taken downstream returned background values of copper and gold (Maps 2, 4a). An east-west extending soil line revealed weakly anomalous copper values to 95 ppm in extreme western areas near the Pelly River (Map 2, 5b). No anomalous gold values were returned (Map 5a).

In 2008, an east-west extending soil geochemical traverse line was conducted across extreme northern portions of the southern anomaly. Sampling returned somewhat more consistently anomalous results, ranging from near-background to a maximum of 404 ppm Cu. Most of the higher values were returned from a steep south-facing slope, although some anomalous soil values were returned from relative flat and heavily vegetated areas further east (Map 5b). Silt sampling along a stream to the northeast revealed three consecutive anomalous gold values from 0.018 to 0.078 g/t gold (Map 4a). Weakly elevated values were also returned from another east-west traverse west of the stream. The eastern portion of the 1971 geochemical anomaly hosts a weak chargeability anomaly underlain by volcanic and ultrabasic rocks (Joy, 1981) somewhat east of the contact with Jurassic granodiorite.

In 1972 Canadian Occidental Petroleum conducted a three-hole, 430.0-metre diamond drilling program targeting an Induced Polarization geophysical anomaly hosted by “Mount Nansen Group” volcanic and argillaceous sedimentary rocks, now reinterpreted as Upper Triassic Povoas Formation volcanic and volcanoclastics. All intersected graphitic beds hosting anomalous molybdenum and zinc values, as well as up to 20% pyrite (Section 4). These were considered to have no economic potential (Mehrotra, 1972).

8.0 Exploration Program

The 2008 exploration program consisted of seven reconnaissance-style soil sample lines, with samples taken at a station spacing of 100 metres. One silt geochemical traverse with a 250-metre station spacing as well as tributaries was done along a stream in eastern areas. Silt sampling was also done along a small stream extending across the northern anomaly and at intersections of soil lines with streams.

Surface geological mapping was done along traverses, although outcrop exposure is sparse, except along steep plateau margins and the eastern stream. Three rock samples were taken from northern areas; none returned anomalous metal values. Post tagging was also done along claim lines.

A total of 3 rock, 165 soil and 22 silt samples were taken.

The following personnel, employed by All-Terrane Exploration Services under contract to Northern Tiger, were involved in the 2008 program:

Carl Schulze, BSc, PGeo:	Project Geologist
Samantha Scher:	Senior Field Technician
Emily Hambleton:	Field Technician
George MacKay:	Field Technician

Mr. Dennis Ouellette, Vice President of Exploration for Northern Tiger Resources Ltd, and Mr. Taras Nahnybida, geologist of Sherwood Copper Corporation conducted exploration on the northern anomaly for one day. Mr. Brian Willett, geologist of Sherwood Copper also assisted for one day. Also, Messrs. Ramon Quesnel and Francois Chretien of Coureur de Bois Ltd. were employed as linemen, engaged in post-tagging of previously registered claims, as well as soil sampling. Helicopter services were provided by Heli Dynamics Ltd. based from Northern Tiger's main camp on the Sonora Gulch property to the west.

9.0 Sampling Method and Approach

All geochemical sampling was subject to rigorous parameters, including detailed descriptions of each sample. Rock samples were obtained using an Estwing rock hammer, and located in the field using a non-differential Global Positioning System (GPS) instrument. Samples were placed in plastic bags designed specifically for rock sampling. A tag with the unique sample number, supplied by ALS Chemex Labs, was placed in the bag; the sample number was written on both sides of the bag using "Magic Markers". The sample numbers were also written on metal "butter tags" or on flagging tape and fixed to the field sample location.

Rock samples were recorded as to location (UTM - NAD 27, converted to NAD 83 for plotting), sample type (grab, composite grab, chip, etc), exposure type (outcrop, rubblecrop, float, etc.), formation, lithology, modifier (for textural or structural descriptions), colour, degrees of carbonate presence and silicification, other alteration if applicable, economic mineralization including estimated amounts, date, sampler and comments (Appendices 3a-3c). Minimum sample weight was 0.5 kg, although samples tend to be larger than this.

Soil samples were recorded as to location (UTM – NAD 27, converted to NAD 83), horizon, depth, slope angle, colour, presence of permafrost, vegetation type, surficial geology, fragment lithology (where applicable), percent organics, date, sampler and comments. If a particular parameter could not be determined, particularly for fragment lithology, no record was made. Samples were preferably taken of B-horizon material, although sampling of A or C horizon soil was done where B-horizon material was unavailable. This was preferable to omitting the sample. The minimum original sample weight was 0.25 kg. Sample numbers supplied by ALS Chemex Labs were written on a "butter tag" or written on flagging tape and fixed to the field sample location. Samples were placed in kraft bags, with a tag supplied by ALS Chemex showing the unique sample number placed in the bag, and the sample number written in "Magic Marker" on both sides of the bag. The bags were then dried as much as possible before shipping.

Variability in results of soil sampling may be caused by depth of overburden, slope angle, and outcrop exposure, with lower values expected in flat areas with thick overburden. Gold ions are less mobile also, potentially resulting in less aerially extensive gold anomalies.

Silt samples were taken from several locations at a particular site to improve representability, focusing on fine material. Sample locations in UTM NAD-27 format (also converted to NAD 83) were recorded in the field using a non-differential GPS and described as to percent fines, colour, stream grade and width, date, sampler and comments. Samples were placed in kraft bags with a sample tag showing unique sample number, labeled and marked in the field in the same manner as soil samples. All samples were taken in order to provide accurate representation of mineralization present.

Field data was entered into Microsoft Excel spreadsheet format, and later matched with analytical results. This process was continually re-checked to ensure correct results are associated with descriptions.

The routine and repetitive methodology of soil and silt sampling should eliminate any chance of bias; metal values should accurately represent actual amounts per site. Soil anomalies may be transported, depending on slope and groundwater conditions; detailed records of slope, vegetation, soil conditions are used to determine probability of transportation. Care was taken during rock sampling to obtain as representative a sample as possible, including a comprehensive description of sample types.

10.0 Sample Preparation, Analysis and Security

All rock samples were placed in thick plastic industry standard sample bags, sealed with thick plastic serrated “Zap Straps” and sent in a similarly sealed rice bag to ALS Chemex Labs of North Vancouver, B.C., an analytical laboratory with ISO 9001:2000 certification. Sealed rice bags were personally handed to the courier, Byers Transportation System Inc. which placed the rice bags on pallets, covered them with “shrink-wrap” plastic, shipped them by truck and delivered them directly to the lab. All rock samples were crushed to ensure that a minimum of 70% of the material was less than 2.0 mm in size; this material was thoroughly mixed. From this, a 250g sample was pulverized to 75-micron size; then a 50-gram sample of this underwent fire assay analysis with atomic absorption finish. This technique provides gold analysis ranging from 0.005 to 10.0 g/t gold.

Soil and silt samples were screened to 180-micron size (minus-80 mesh); the fine fraction then underwent gold analysis by 30-gram fire assay with ICP – AES finish, providing a detection limit of 0.005 g/t. Individual samples were placed in “kraft bags” and also sealed with a “Zap Strap”; samples were placed in properly labeled rice bags, also sealed with a “Zap Strap”, and shipped to ALS Chemex in the same manner as rock samples.

All samples were also analyzed by 35-element ICP to test for abundances of Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Th, Ti, Tl, U, V, W and Zn. Some samples were also analyzed for tellurium (Te).

ALS Chemex provides comprehensive in-house quality-control, using numerous blanks to test for any potential contamination, confirming that no detectable contamination has occurred. ALS

Chemex also conducts repeated in-house standard sampling for all 35 elements involved in ICP analysis and gold to determine accuracy of analysis. The lab also incorporates more limited analysis of standard samples with known element concentrations provided by several outside firms.

11.0 Data Verification

The northwestern and southern soil geochemical survey lines are essentially due-diligence traverses confirming the northern and southern anomalies respectively. The northern line returned lower values than those from 1971 and 1981; however, the line is somewhat uphill (further south) of the main anomaly. Elevated copper values represent the southern extremes of the anomaly and confirm its presence.

The southern line returned elevated to anomalous copper values, corresponding to the northern limits of the southern anomaly identified in 1971, and confirming its presence.

12.0 Adjacent Properties

There are no properties in the vicinity of the DAD 1-82 claim block.

13.0 Mineral Processing and Metallogenic Testing

No mineral processing or metallogenic testing is known to have been done on the DAD property.

14.0 Mineral Resource and Mineral Reserve Estimates

No mineral resource or reserve estimates compliant with current resource standards under National Instrument 43-101 have been calculated.

15.0 Other Relevant Data and Information

No other relevant data or information was involved in compilation of this report. The report was based on information from the 2008 surface program by Northern Tiger Resources Inc and assessment reports by Canadian Occidental Petroleum Ltd. and United Keno Hill Mines Ltd.

16.0 Discussion and Conclusion

16.1 Discussion

Two major areas of interest were identified from results of the 1971 and 1972 programs by Canadian Occidental Petroleum Ltd, the 1981 program by United Keno Hill Mines Ltd, and the 2008 program by Northern Tiger Resources Inc. The northern area consists of two broad copper – molybdenum anomalies along the steep northern slope: the western portion is underlain by Jurassic Aishikik Suite hornblende diorite; the eastern portion, which underwent diamond drilling, is underlain by Upper Triassic Povoas Formation andesitic tuffs, argillite and graphitic argillite. The western portion is associated with minor chalcopyrite and/or malachite occurrences. The southern anomaly, extending for roughly 1,800 metres along the southern slope marking the edge of the plateau, is primarily a copper anomaly. Again, the western portion is underlain by granite-like rock, as determined from rock fragment identification during soil sampling, indicating an extension of the intrusive unit underlying the northern anomaly.

The target model is Minto-style copper-gold-silver mineralization, which necessitates a setting hosted by Jurassic Aishikik Suite granitic to dioritic intrusions. The hornblende diorite unit is a member of this suite; therefore any potential for this style of mineralization is limited to this lithology and areas underlain by Triassic Povoas Formation volcanic and volcanoclastics are not applicable. The geochemical setting for Minto-style mineralization does not include significant molybdenite, suggesting the northern geochemical anomaly represents a different setting, and is thus less favourable than the southern one.

Diamond drilling targeting an Induced Polarization (chargeability?) anomaly within Triassic volcanic and sediments in the eastern portion of the northern anomaly near the intrusive contact revealed anomalous zinc and molybdenum values within graphitic shale and/ or argillite. This suggests molybdenum and zinc were preferentially emplaced during formation of surface organic deposition, followed by lithification (Ouellette, pers comm.). High background copper values in the 100 to 200 ppm range were returned throughout much of the drilling, as well as high pyrite concentrations. Diagenetic pyrite is common in organic-rich sedimentary horizons, resulting from interaction of iron with biogenic sulphur; this may have preferentially incorporated copper also. The coincident copper-molybdenum anomaly overlying the eastern portion of the northern anomaly likely has been caused by this.

However, the western portion underlain by hornblende has a similar signature, with somewhat higher copper values. This soil anomaly may be partially caused by westward transport of weakly anomalous till, possibly combined with some incorporation of copper-zinc-molybdenum enriched host rock into the melt forming the Aishikik Suite stock. However, even when combined, neither of these is sufficient to cause the broad western portion of the anomaly. This suggests an in-situ source likely slightly enriched in molybdenum, possibly vein or fracture-hosted occurrences.

Where overlying the Aishikik Suite intrusive, the southern anomaly, lacking a molybdenum signature, may have higher potential to represent a Minto-style target. Copper values are slightly

weaker but still consistently anomalous, ranging from 30 to 320 ppm (Nutter, Mehrotra and Gleeson, 1971). One rock sample of granodiorite taken in 1971 returned a value of 123 ppm copper. This area was not targeted by follow-up exploration in 1972 or 1981; thus it is not as “mature” as the northern anomaly and warrants further detailed exploration.

Both anomalies occur along steep slopes, where geochemical signatures are likely to be pronounced. However, the southern anomaly extends northward on to areas of gentle relief. The high gold values from the stream to the east were taken from areas underlain by the volcano-sedimentary package, suggesting a local non-intrusive source. Gold may also have been transported somewhat from the southwest, closer to the intrusive boundary. Gold was not analysed in 1971 or 1982, therefore it cannot be used as an indicator of mineralogical settings here. Gold may also occur within vein or stockwork zones outbound from a core zone, such as a Minto-style deposit. The latter may occur at depth, and be represented by numerous small outbound copper and/or gold showings.

The Minto deposit itself is flat lying; thus geochemical anomalies along steep slopes may also represent exposure of mineralization at certain elevations along the slopes. The Minto deposit is also associated with magnetite, which should be easily detectable through surface magnetic surveying.

The southern and eastern portions of the southern anomaly extend south of the DAD 1-82 block onto open ground.

16.2 Conclusions

The following conclusions may be made from results of the 2008 program, in combination with results from the 1971, 1972 and 1981 programs:

- Two major anomalies have been identified, a copper-molybdenum anomaly along a steep slope in northern areas and a copper anomaly along a steep slope along the southern property margin. In both cases, western areas are underlain by an Aishikik Suite felsic to intermediate stock, prospective for Minto-style mineralization. The eastern portions are underlain by Triassic Povoas Formation volcanic and sedimentary rocks, not prospective for this deposit setting.
- The northern anomaly includes molybdenum enrichment, not recognized as an element in Minto-style deposits. Molybdenum enrichment may have resulted from glacial surface transport from molybdenum-enriched graphitic horizons to the east. However, some copper mineralization definitely occurs within the intrusion; the molybdenum enrichment suggests an alternate mineralogical setting.
- The signature of the southern geochemical anomaly is somewhat more suggestive of Minto-style mineralization. The anomaly is pronounced due to the steep, relatively unvegetated slope, although it extends northward onto areas of gentle relief. A flat lying occurrence could be revealed at a distinct elevation along this steep slope.

- Anomalous gold-in-silt values in a stream to the east support the possibility of a Minto-style source to the southwest. It may also indicate small outlying volcano-sedimentary hosted occurrences to the east. Nonetheless, a proximal gold source is highly likely.
- The southern anomaly was not the subject of subsequent exploration in 1972 and 1981; thus it is less “mature” than the northern one. The unforested nature and less rugged relief may be more amenable to exploration.

17.0 Recommendations

17.1 Recommendations

The 2009 program is recommended to focus on the southern anomaly, including staking of an additional 14 claims tying onto the south boundary. The 1971 soil sampling program was highly comprehensive; thus additional sampling should be limited to areas of wide line spacing within this anomaly. One further east-west line, using a 50-metre station spacing is recommended to be done at a lower elevation of the slope to test for gold enrichment and for due diligence purposes. Detailed geological mapping and rock sampling is recommended for this area, particularly in the portion underlain by the Aishikik Suite intrusion. Further geochemical sampling is recommended along the stream hosting the 2008 gold anomalies, and along any other water courses encountered.

A surface magnetic survey along flagged and compassed lines is recommended for this anomalous area, extending from at least 0.75 km north of the break in slope to just beyond the base of the hill. A 200-metre line spacing with a 25-metre station spacing is recommended, for a total of 10.1 line-kilometres, including a 1.0-kilometre base line. This should be sufficient to detect magnetite-enriched horizons, including potential Minto-style mineralized zones. Induced Polarization surveying is not recommended until results of this survey are compiled.

Some further detailed exploration of the northern anomaly is also warranted, to confirm the presence of small copper occurrences and to explore for strongly biotite and/or magnetite-enriched zones suggesting Minto-style occurrences. Also, two to three further geochemical traverses similar to those done in 2008 are recommended as due diligence lines, extending across areas outside of the two main zones. These will also test for gold enrichment, not detectable in the pre-2008 surveys. No comprehensive soil surveying is recommended here, as this was adequately done in the 1971 and 1984 surveys.

The program is recommended to be done with helicopter support from the Sonora camp roughly 45 kilometres to the west. Six set-outs (excluding claim staking) with two 2-person crews per set-out, are recommended. Projected expenditures for this program, including one weather day, one day for data input and plotting, pro-rated portions of mobilization and demobilization, project preparation and report writing, stand at **CDN\$61,597**; with 15% contingency this figure stands at **CDN\$70,087**. This excludes assessment filing fees and preparation of filing.

17.2 Recommended Budget

Assumes: 1 two-person claim staking set-out followed by 6 daily set-outs with two 2-person teams, based from Sonora Gulch camp during concurrent drilling program or other surface programs.

Pre-program preparation:	\$ 2,110
Mobilization to Sonora (pro-rated, DAD portion):	\$ 6,380
Wages: Project Geologist: 8 days @ \$680/day:	\$ 5,440
Technician 1: 8 days @ \$375/day:	\$ 3,000
Technician 2: 8 days @ \$325/day:	\$ 2,600
Technician 3: 8 days @ \$275/day:	\$ 2,200
Cook: 8 days @ \$225/day + 1 @ \$150/day (pro-rated, DAD portion):	\$ 1,950
Clerical work:	\$ 300
Helicopter support: 14.0 hours @ \$1,200/hr, incl. Fuel:	\$16,800
Rock sampling: 20 samples @ \$37/sample:	\$ 740
Soil/ silt sampling: 90 samples @ \$34/sample:	\$ 3,060
Shipping: 110 samples @ \$3/sample:	\$ 330
Sample "Standards":	\$ 200
Groceries: 53 person-days @ \$50/day:	\$ 2,650
Accommodations (pro-rated):	\$ 450
Expediting:	\$ 1,400
Fuel, camp (landed and pro-rated):	\$ 1,520
Truck rental: 2 days @ \$90/day:	\$ 180
Field gear purchasing:	\$ 300
Gear rental (hand-held radios, Satellite telephone) 11 days @ \$30/day:	\$ 330
Mileage: 142 km @ \$0.45/km:	\$ 64
Satellite dish rental (pro-rated): 13 days @ \$30/day:	\$ 330
Travel fuel (pro-rated):	\$ 200
Travel meals:	\$ 160
Field office supplies:	\$ 150
Supplies, including expendables:	\$ 450
De-mob:	\$ 3,303
Field Total:	\$56,597
Report Writing: 5 days at \$680 per day:	\$ 3,400
<u>Digitizing:</u>	<u>\$ 1,600</u>
Sub-Total:	\$61,597
<u>15% Contingency:</u>	<u>\$ 8,490</u>
Project Total:	\$70,087

Note: excludes assessment filing fees and preparation of filing.

18.0 References

Davidson, G.S. 2000: Summary Report on the Sonora Gulch Property, Private report for Engineer Mining Corporation.

Gordey, S.P. and Makepeace, A.J., (compilers), 2001: Bedrock Geology, Yukon Territory; Geological Survey of Canada, Open File 3754 and Exploration and Geological Services Division, Yukon Indian and Northern Affairs Canada, Open File 2001-1.

Coughlan, L.L. and Joy, R.J., 1981: Geological and Geochemical Report on the Dad Claim Group. Report for United Keno Hill Mines Ltd.

Mehrotra, P.N. 1972: Geochemical Survey of the Pelly-Dary-Prat Claims, Canadian Occidental Petroleum Ltd.; Assessment Report #019816 filed with the Yukon Mining Recorder.

Mehrotra, P.N. 1982: Diamond Drilling on the Pelly-Dary-Prat Claims, Canadian Occidental Petroleum Ltd.; Assessment Report #091345, filed with the Yukon Mining Recorder.

Mercer, B, 2008: Personal Communication

Nutter, D, Mehrotra, P and Gleeson, C.F., 1971: Geology and Geochemistry of the Pelly Claim Group, Pelly River Area – Yukon Territory, Occidental Minerals Corporation of Canada; Assessment Report #061120 filed with the Yukon Mining Recorder.

Schulze, C.M. 2008: National Instrument 43-101 Report on the 2006 and 2007 Exploration Programs, Sonora Project, Dawson Range, Yukon, Firestone Ventures Inc. Posted on SEDAR website.

Website, Sherwood Copper Corporation, 2008.

Yukon Geological Survey, 2008: Yukon Minfile website, Ministry of Energy, Mines and Resources, Government of Yukon.

Appendix 1. Certificate of Author

I, Carl M. Schulze, PGeo, hereby certify that:

- 1) I am a self-employed Consulting Geologist and sole proprietor of:
All-Terrane Mineral Exploration Services
35 Dawson Rd
Whitehorse, Yukon Y1A 5T6
- 2) I graduated with a Bachelor of Science Degree in geology from Lakehead University, Thunder Bay, Ontario, in 1984.
- 3) I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC).
- 4) I have worked as a geologist for a total of 25 years since my graduation from Lakehead University.
- 5) I have read the definition of “qualified person” set out in National Instrument 43-101 (“NI 43-101”) and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a “qualified person” for the purposes of NI 43-101.
- 6) I am responsible for preparation of all sections of the technical report titled Assessment Report, Geological and Geochemical Surveying on the DAD Claim Block, Northern Tiger Resources Inc. on the entire property area comprising the DAD project. I was active on-site for five of the six days of the 2008 program extending from July 16 to August 16, 2008.
- 7) I have not had prior involvement with the property that is the subject of the Technical Report.
- 8) I am not aware of any material facts or material changes with respect to the subject matter of the technical report not contained within the report, of which the omission to disclose makes the report misleading.
- 9) I am independent of the issuer applying all of the tests in section 1.5 of National Instrument 43-101.
- 10) I have read National Instrument 43-101 and Form 43-101F1: however this is an Assessment Report and has not been prepared in compliance with that instrument and form.
- 11) I consent to the filing of the Technical Report with the Mining Recorder’s Office, Ministry of Energy, Mines and Resources, Government of Yukon.
- 12) The effective date of this report is September 30, 2008.

Dated this 9th Day of January, 2009.

“Carl Schulze”

Carl Schulze, BSc, PGeo
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Whitehorse, Yukon Y1A 5T6
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E-mail: allterrane@northwestel.net

Appendix 2: Statement of Expenditures

DAD Claims, Northern Tiger Resources Inc.

Type of Work	No. of Units	Value/Unit	Value
Wages, Project Geologist:	5	\$ 680.00	\$ 3,400.00
Wages, Geologist	1	\$ 550.00	\$ 550.00
Wages, Other Geologists	2	\$ 450.00	\$ 900.00
Wages, Geological Tech:	3	\$ 325.00	\$ 975.00
Wages, Senior Technicians:	3	\$ 350.00	\$ 1,050.00
Wages, Junior Tech 1:	3	\$ 325.00	\$ 975.00
Wages, Junior Tech 2:	4	\$ 275.00	\$ 1,100.00
Helicopter time	9.65	\$1,200.00	\$ 11,580.00
Groceries, person-days (pro-rated)	21	\$ 45.00	\$ 945.00
Rock sampling:	3	\$ 35.00	\$ 105.00
Soil Samples:	140	\$ 32.00	\$ 4,480.00
Silt Samples	22	\$ 32.00	\$ 704.00
Shipping (approximate):	165	\$ 3.00	\$ 495.00
Report writing, digitizing (estimate):	9	\$ 680.00	\$ 6,120.00
Supplies, report writing:			\$ 280.00
Totals:			\$ 33,659.00

Appendix 3: Sample Descriptions and Results

Appendix 3a: Rock Sample Descriptions and Results

Appendix 3a

ROCK SAMPLE DESCRIPTION SHEET

**DAD Claims, 2008 Program
Northern Tiger Resources Inc.**

Sample No	Easting UTM NAD 27C	Northing UTM NAD 27C	Easting UTM NAD 83	Northing UTM NAD 83	Sample Type	Width (m)	Sample Description	Formation	Lithology	Modifier	Colour	Carbonate Presence	Silicification	Alteration 1	Alt 2	Other Alt	Mineral 1	Amount (%)	Mineral 2	Amount (%)	Date	Sampler	Comments
RH164663	381762	6965207	381640	6965382	CGr		O/C	eJgA	Gr	Qz	pk-gr	C1		L-1			Ch	2			02-Aug	SS	Carbonate seams
RH165488	381127	6967050	381005	6967225	CGr		O/C	eJgA	GDior	Mass	grn-bf	C1		Ep-1			Py	<1	Mag	tr	17-Jul	CS	Dissem magnetite
RH165489	382482	6967626	382360	6967801	CGr		O/C	eJgA	Dior	CGR	grn-bib					Lz	Py	>1			16-Jul	CS	shear-lost; py, lim

Appendix 3a

ROCK SAMPLE RESULTS SHEET

DAD Claims, 2008 Program
Northern Tiger Resources Inc.

	Au-AA24	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%
RH164663	0.005	<0.2	0.85	<2	<10	100	<0.5	<2	0.6	<0.5	4	3	20	1.63	<10	<1	0.1	10	0.35	597	1	0.06
RH165488	<0.005	<0.2	0.73	2	<10	70	<0.5	<2	0.96	<0.5	3	3	24	1.08	<10	2	0.12	10	0.33	516	<1	0.06
RH165489	<0.005	<0.2	1.48	<2	<10	60	<0.5	<2	1.15	<0.5	8	19	42	2.56	<10	2	0.13	<10	0.86	464	1	0.08

Appendix 3a

ROCK SAMPLE RESULTS SHEET

DAD Claims, 2008 Program
Northern Tiger Resources Inc.

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Ni	P	Pb	S	Sb	Sc	Sr	Te	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RH164663	1	530	3	0.01	<2	1	77	<10	<20	0.08	<10	<10	35	<10	41
RH165488	<1	560	2	<0.01	<2	1	109	<10	<20	0.08	<10	<10	22	<10	41
RH165489	7	1880	<2	0.01	<2	5	53	<10	<20	0.19	<10	<10	78	<10	42

Appendix 3b: Soil Sample Descriptions and Results

Appendix 3b

SOIL SAMPLE DESCRIPTION SHEET

**DAD Claims, 2008 Program
Northern Tiger Resources Inc.**

Sample No	Easting UTM NAD 27C	Northing UTM NAD 27C	Zone	Traverse	Horizon	Depth (cm)	Slope Angle	Colour	Permafrost (yes/no?)	% Coarse Fragments	Vegetation	Surficial Geology	Fragment Lithology	% Organics	Date	Sampler	Comments
SH162547	382803	6966981	8	DAD	B	15	G	red	N	5	MIX			15	17-Jul	EH/CS	no ash
SH162548	382708	6966969	8	DAD	B	20	G	br/gr	N	10	CF			10	18-Jul	EH/CS	no ash
SH162549	382606	6966960	8	DAD	B	25	G	lt br	N	10	CF			10	19-Jul	EH/CS	grey clay enriched
SH162550	382512	6966954	8	DAD	B	15	G	red/br	N	10	CF			20	20-Jul	EH/CS	
SH162551	382423	6966965	8	DAD	B	25	M	red/br	N	10	CF			10	21-Jul	EH/CS	lighter with depth
SH162552	382318	6966950	8	DAD	B	25	F	gr-br	N	<5	CF			10	22-Jul	EH/CS	
SH162553	382233	6966986	8	DAD	B	25	G	red	N	<5	CF			10	23-Jul	EH/CS	
SH162554	382135	6967003	8	DAD	B-C	15	G	lt br	N	15	MIX	s-crop	Dior	10	24-Jul	EH/CS	subcrop likely
SH162555	382024	6966984	8	DAD	B	15	G	red-br	N	<5	MIX			15	25-Jul	EH/CS	lighter br-with depth
SH162556	381937	6966991	8	DAD	A-B	15	F	dk br	Y	<5	MIX			15	26-Jul	EH/CS	wet and clay enriched
SH162557	381830	6966979	8	DAD	B	30	G	lt br	N	<5	MIX			15	27-Jul	EH/CS	
SH162558	381733	6966977	8	DAD	B	30	G	lt br	N	<5	CF			10	28-Jul	EH/CS	
SH162559	381634	6966979	8	DAD	B	25	G	gr-br	N	<5	CF			5	29-Jul	EH/CS	
SH162560	381553	6967073	8	DAD	B-C	35	G	bk-br	N	35	CF	CV	Gr	15	30-Jul	EH/CS	high % similar fragments
SH162561	381464	6967033	8	DAD	B	30	S	gr-br	N	<5	CF			10	31-Jul	EH/CS	steep side of hill descending to north
SH162562	381362	6967035	8	DAD	B	25	S	red-br	N	15	CF	Till		10	01-Aug	EH/CS	steep side hill to north
SH162563	381265	6967020	8	DAD	B	25	S	lt br	N	<5	CF			10	02-Aug	EH/CS	side hill on steep slope to north
SH162564	381178	6967017	8	DAD	B	30	S	lt br	N	<5	CF	(loess)?	gr-dior	10	03-Aug	EH/CS	
SH162565	381127	6967050	8	DAD	A-B	15	S	br	N	20	CF	talus		15	04-Aug	EH/CS	next gdior outcrop
SH162578	381438	6966309	8	DAD	B	15	G	gr-br	N	0	CF			<5	23-Jul	SS/RC	
SH162579	381544	6966308	8	DAD	B	15	G	gr	N	<5	MIX			<5	23-Jul	SS/RC	
SH162580	381650	6966295	8	DAD	B	25	G	gr-yw	N	<5	MIX			0	23-Jul	SS/RC	
SH162581	381745	6966290	8	DAD	B	15	G	red-yw	N	<5	CF			<5	23-Jul	SS/RC	upslope
SH162582	381885	6966294	8	DAD	B	10	G	br	N	<5	CF			10	23-Jul	SS/RC	gentle down slope
SH162583	382009	6966292	8	DAD	B	10	G	gr-lt br	N	0	CF			<5	23-Jul	SS/RC	
SH162584	382084	6966296	8	DAD	B	20	G	gr-dk br	N	<5	CF			<5	23-Jul	SS/RC	wet soil
SH162585	382185	6966289	8	DAD	B	10	G	gr-rd	N	<5	MIX			<5	23-Jul	SS/RC	wet soil
SH162586	382453	6966269	8	DAD	B	10	G	gr-lt br	N	<5	MIX			5	23-Jul	SS/RC	permafrost
SH162587	382568	6966268	8	DAD	B	10	G	bk	N	0	MIX			15	23-Jul	SS/RC	almost flat
SH162588	382671	6966277	8	DAD	B	10	F	gr	N	0	MIX			10	23-Jul	SS/RC	
SH162613	382901	6966987	8	DAD	B	10	10	rd-br	N	<5	MIX			10		GM	
SH162614	383008	6966995	8	DAD	B	10	50	rd-br	N	<5	MIX			10		GM	
SH162615	383108	6966996	8	DAD	B	10	35	rd-br	N	<5	MIX			10		GM	
SH162616	383218	6966984	8	DAD	B	15	30	lt br	N	<5	MIX			15		GM	
SH162617	383311	6967006	8	DAD	B	15	45	orange	N	<5	MIX			5		GM	
SH162618	383407	6966927	8	DAD	B	10	20	or br	N	10	MIX			5		GM	
SH162619	383510	6966940	8	DAD	B	5	10	lt br	N	10	MIX			10		GM	
SH162620	383608	6966953	8	DAD	B	10	5	rd br	N	5	MIX			10		GM	
SH162621	383729	6966961	8	DAD	B	15	5	br	N	<5	MIX			5		GM	
SH162622	383820	6966953	8	DAD	B	10	5	br	N	5	MIX			10		GM	
SH162623	383913	6966949	8	DAD	B	10	10	br	N	10	MIX			10		GM	
SH162624	384015	6966943	8	DAD	B	10	50	br	N	5	MIX			15		GM	
SH162625	384114	6966942	8	DAD	B	10	50	orange	N	5	MIX			10		GM	
SH162626	384219	6966933	8	DAD	B	10	5	rd-br	N	5	MIX			10		GM	
SH162627	384296	6966937	8	DAD	B	10	10	rd-br	N	5	MIX			10		GM	
SH162638	384230	6965132	8	DAD	B	25	G	orange	N	<5	Alders			15	24-Jul	CS	Very thick bush

SH162639	384142	6965169	8	DAD	B	30	G	orange	N	5	CF/AL			15	24-Jul	CS	One gran, gneiss cobbler
SH162640	384048	6965167	8	DAD	B	30	M	rd-tan	N	<5	CF			10	24-Jul	CS	variable red coloration
SH162641	383956	6965164	8	DAD	B	30	G	gr-br	N	20	CF	CV	BAS	10	24-Jul	CS	pebble-cobble-sized fragments
SH162642	383876	6965160	8	DAD	B	25	S	tn-br	N	<5	CF	SCROP	BAS	5	24-Jul	CS	basalt tuff c?: o/c nearby
SH162643	383786	6965178	8	DAD	B	25	G	br	N	5	MV		SHALE?	10	24-Jul	CS	small shale (?) fragments
SH162644	383689	6965206	8	DAD	B	40	M	br	N	<5	CF			20	24-Jul	CS	deep, loamy A
SH162645	383601	6965185	8	DAD	B	30	M	tan	N	5	CF		BAS?	10	24-Jul	CS	small angular grey rock fragments
SH162646	383502	6965187	8	DAD	B	25	G	lt br	N	25	MV			5	24-Jul	CS	gentle sidehill to N
SH162651	382423	6966965	8	DAD	B	25	M	Br-red	N	10	CF			10	17-Jul	SS	Lighter in colour with depth
SH162652	382318	6966950	8	DAD	B	25	F	gr-brn	N	<5	CF			10	17-Jul	SS	
SH162653	382233	6966986	8	DAD	B	25	G	red	N	<5	CF			10	17-Jul	SS	
SH162654	382135	6967003	8	DAD	B-C	15	G	lt br	N	15	MV	SCROP	Dior	10	17-Jul	SS	subcrop likely
SH162655	382024	6966984	8	DAD	B	15	G	red-brn	N	<5	MV			15	17-Jul	SS	Lighter in colour with depth
SH162656	381937	6966961	8	DAD	A-B	15	F	dk br	Y	<5	MV			15	17-Jul	SS	Clay enriched; wet
SH162657	381830	6966979	8	DAD	B	30	G	lt br	N	<5	MV			15	17-Jul	SS	
SH162658	381733	6966977	8	DAD	B	30	G	lt br	N	<5	CF			10	17-Jul	SS	
SH162659	381634	6966979	8	DAD	B	25	G	gr-brn	N	<5	CF			5	17-Jul	SS	
SH162660	381553	6967013	8	DAD	B-C	35	G	blk-brn	N	35	CF	CV	Granite	15	17-Jul	SS	high % similar fragments
SH162661	381464	6967033	8	DAD	B	30	S	gr-brn	N	<5	CF			10	17-Jul	SS	Steep hill descends to north
SH162662	381362	6967035	8	DAD	B	25	S	rd-brn	N	15	CF	TILL		10	17-Jul	SS	Sidehill descends to north
SH162663	381265	6967020	8	DAD	B	25	S	lt br	N	<5	CF			10	17-Jul	SS	Sidehill descends to north
SH162664	381178	6067017	8	DAD	B	30	S	lt br	N	<5	CF	Loess?		10	17-Jul	SS	
SH162665	381127	6067050	8	DAD	A-B	15	S	brown	N	20	CF	talus	Gdior	15	17-Jul	SS	Next to granodiorite outcrop
SH162701	382286	6965224	8	DAD	B	10	F	lt br	N	10	MIX			10	02-Aug	SS/EH	on hilltop
SH162702	382176	6965222	8	DAD	B	5	F	yw-br	N	10	MIX	BOUDLER	gr	25	02-Aug	SS/EH	on hilltop
SH162703	382076	6965205	8	DAD	B	5	M	br	N	10	MIX			10	02-Aug	SS/EH	
SH162704	381988	6965220	8	DAD	B	10	S	br	N	10	POP	OC	gr	15	02-Aug	SS/EH	
SH162705	381886	6965207	8	DAD	B	5	S	gr-br	N	10	GRASS	RC	gr	5	02-Aug	SS/EH	dry soil; cliff side
SH162706	381765	6965219	8	DAD	B	5	S	br	N	15	GRASS	OC	gr	15	02-Aug	SS/EH	dry soil; cliff side
SH162707	381675	6965200	8	DAD	B	5	S	br	N	25	GRASS	OC	gr	5	02-Aug	SS/EH	dry soil; cliff side
SH162708	381588	6965221	8	DAD	B	10	S	gr-br	N	10	POP	OC	gr	10	02-Aug	SS/EH	dry soil; cliff side
SH162709	381474	6965228	8	DAD	B	5	S	br	N	<5	GRASS	RC	gr	30	02-Aug	SS/EH	
SH162710	381385	6965237	8	DAD	B	5	M	yw-br	N	10	POP	BOULDER	gr	20	02-Aug	SS/EH	
SH162711	381284	6965234	8	DAD	B	5	M	br	N	10	POP	RC	gr	15	02-Aug	SS/EH	
SH162712	381084	6965259	8	DAD	B	15	F	yw-br	N	10	MIX			20	02-Aug	SS/EH	near to floodplain
SH162721	383024	6965889	8	D- MID CL	B	20	G	bk	N	10	MF			20	04-Aug	SS/EH	
SH162722	383149	6965879	8	D- MID CL	B	15	F	gr	N	15	MF			10	04-Aug	SS/EH	
SH162723	383251	6965866	8	D- MID CL	B	10	F	lt br	N	5	MF			10	04-Aug	SS/EH	
SH162724	383316	6965869	8	D- MID CL	B	5	F	rd-br	N	5	CF			5	04-Aug	SS/EH	
SH162725	383421	6965865	8	D- MID CL	B	10	G	rd-br	N	10	CF			10	04-Aug	SS/EH	
SH162726	383511	6965881	8	D- MID CL	B	5	G	orange	N	<5	MF			20	04-Aug	SS/EH	descending on slope
SH162727	383620	6965845	8	D- MID CL	B	10	G	orange	N	5	MF			20	04-Aug	SS/EH	
SH162728	383718	6965856	8	D- MID CL	B	15	F	or-br	N	<5	CF			20	04-Aug	SS/EH	
SH162729	383808	6965857	8	D- MID CL	B	20	G	rd-lt br	N	5	CF			30	04-Aug	SS/EH	thick CF
SH162730	383933	6965861	8	D- MID CL	B	20	G	rd-lt br	N	5	CF			15	04-Aug	SS/EH	
SH162731	384039	6965855	8	D- MID CL	B	20	G	gr	Y	5	CF			25	04-Aug	SS/EH	PF
SH162732	384122	6965840	8	D- MID CL	B	20	F	br	N	5	CF			20	04-Aug	SS/EH	
SH162733	384217	6965835	8	D- MID CL	B	25	F	gr-br	N	10	MF			20	04-Aug	SS/EH	bog
SH162734	384318	6965818	8	D- MID CL	B	20	F	gr-br	N	5	CF			15	04-Aug	SS/EH	
SH162751	383405	6965235	8	DAD	B	25	G	gr	N	<5	MV			5	24-Jul	CS	gentle sidehill to N
SH162752	383300	6965179	8	DAD	B	20	G	gr	N	<5	Alders	LOESS		5	24-Jul	CS	possible loess?
SH162753	383188	6965171	8	DAD	B	20	G	rd-br	N	<5	Alders	LOESS		10	24-Jul	CS	awful bush!
SH162754	383082	6965171	8	DAD	B	25	G	gr-br	N	<5	Alders			10	24-Jul	CS	awful bush!
SH162887	385574	6964648	8	D- East CL	B	20	M	rd-br	N	<5	CF			10	04-Aug	GM/CS	very even texture
SH162888	385543	6964740	8	D- East CL	B	15	S	tan	N	<5	CF			10	04-Aug	GM/CS	outcrop to north? East facing slope
SH162889	385582	6964848	8	D- East CL	B	20	S	gray	N	<5	CF	LOESS?		5	04-Aug	GM/CS	side hill to E, o/c 5 m to 5-basalt
SH162890	385584	6964956	8	D- East CL	B	20	M	rd-tan	N	<5	CF	SCROP	BAS	10	04-Aug	GM/CS	E faing hill
SH162891	385593	6965061	8	D- East CL	B	20	M	lt br	N	<5	CF	LOESS?		10	04-Aug	GM/CS	E facing hill, fine and even soil
SH162892	385606	6965153	8	D- East CL	B	30	G	lt br	Y	<5	CF			15	04-Aug	GM/CS	25 cm A-horizon
SH162893	385618	6965281	8	D- East CL	A-B	30	F	dk br	Y	<5	CF/WILL			40	04-Aug	GM/CS	Between two streams
SH162894	385616	6965378	8	D- East CL	B	15	M	tan	N	<5	POP	LOESS?		5	04-Aug	GM/CS	W0facing small slope - till?
SH162895	385597	6965456	8	D- East CL	B	20	M	gray	N	15	POP	TILL	MIXED	5	04-Aug	GM/CS	W facing slpe

SH162896	385619	6965567	8	D	East CL	B	20	G	red	N	<5	HF			10	04-Aug	GM/CS	even fineness to soil
SH162944	383003	6965169	8	D	DAD	B	5	G	red	N	10	CF	OC	gr	25	02-Aug	SS/EH	dry soil
SH162945	382880	6965181	8	D	DAD	B	10	F	lt br	N	10	MIX	OC	gr	20	02-Aug	SS/EH	on hilltop; at post
SH162946	382767	6965188	8	D	DAD	B	5	G	lt br	N	5	POP	BOULDER	gr	20	02-Aug	SS/EH	
SH162947	382681	6965184	8	D	DAD	B	5	G	lt br	N	5	MIX	BOULDER	gr	25	02-Aug	SS/EH	
SH162948	382576	6965201	8	D	DAD	B	5	F	rd-lt br	N	5	MIX	BOULDER	gr	25	02-Aug	SS/EH	near hill top
SH162949	382481	6965195	8	D	DAD	B	10	S	lt br	N	5	POP			30	02-Aug	SS/EH	
SH162950	382370	6965214	8	D	DAD	B	15	S	br	N	45	GRASS	OC	gr	15	02-Aug	SS/EH	steep slope
SH163151	385866	6967334	8	D	MID CL	B	25	G	Br-red	N	5	MF			25	04-Aug	FC	
SH163152	385967	6967331	8	D	MID CL	B	25	G	lt br	N	5	MF			25	04-Aug	FC	
SH163153	386072	6967334	8	D	MID CL	B	25	G	lt br	N	5	MF			20	04-Aug	FC	
SH163201	385635	6965665	8	D	East CL	B	20	G	lt br	N	<5	MV	LOESS?		5	04-Aug	GM/CS	red below A horizon
SH163202	385626	6965759	8	D	East CL	B	20	G	yw-gr	N	<5	MV	TILL		5	04-Aug	GM/CS	rare rounded cobble - +/- loess?
SH163203	385626	6965868	8	D	East CL	B	20	F	yw-tan	N	<5	MV	TILL		5	04-Aug	GM/CS	till +/- loess?
SH163204	385620	6965987	8	D	East CL	B	20	G	yw-grn	N	10	MV	TILL		5	04-Aug	GM/CS	somewhat reddish below thin "A"
SH163205	385642	6966073	8	D	East CL	B	15	G	tan	N	<5	MV	LOESS?		5	04-Aug	GM/CS	loess +/- till?
SH163206	385651	6966198	8	D	East CL	B	20	G	tan	N	<5	MV	LOESS?		5	04-Aug	GM/CS	maybe +/- till?
SH163207	385645	6966277	8	D	East CL	B	20	G	gr-br	N	<5	CF	LOESS?		<5	04-Aug	GM/CS	loess +/- till?
SH163208	385640	6966404	8	D	East CL	B	25	G	gr	N	<5	CF	LOESS?		<5	04-Aug	GM/CS	loess +/- till?
SH163209	385651	6966491	8	D	East CL	B	20	G	yw-gr	N	<5	MF	LOESS?		<5	04-Aug	GM/CS	loess +/- till?, red soil below "A"
SH163210	385680	6966598	8	D	East CL	B	20	G	tan yw-tan	N	<5	MF	LOESS?		<5	04-Aug	GM/CS	loess +/- till
SH163211	385671	6966698	8	D	East CL	B	20	G	rd-br	N	<5	MF	LOESS?		<5	04-Aug	GM/CS	loess +/- till
SH163212	385663	6966788	8	D	East CL	B	20	G	rd-tan	N	<5	MF	LOESS?		<5	04-Aug	GM/CS	loess +/- till
SH163213	385650	6966891	8	D	East CL	B	20	G	rd-tan	N	<5	POP	LOESS?		<5	04-Aug	GM/CS	strong red near surface
SH163214	385628	6966985	8	D	East CL	B	20	G	rd-tan	N	<5	POP	LOESS?		<5	04-Aug	GM/CS	loess +/- till
SH163215	385688	6967073	8	D	East CL	B	20	G	yw-tan	N	<5	POP	LOESS?		<5	04-Aug	GM/CS	loess +/- till
SH163216	385678	6966178	8	D	East CL	B	20	G	yw-tan	N	<5	POP	LOESS?		<5	04-Aug	GM/CS	loess +/- till
SH163217	385673	6967263	8	D	East CL	B	20	F	rd-yw	N	<5	POP	LOESS?		<5	04-Aug	GM/CS	loess +/- till
SH163526	384558	6964878	8	D	DAD	B	10	G	lt br	N	5	HW			20	23-Jul	GM/FC	
SH163527	384558	6964974	8	D	DAD	B	15	G	lt br	N	10	HW			15	23-Jul	GM/FC	
SH163528	384561	6965079	8	D	DAD	B	10	G	br	N	<5	HW			5	23-Jul	GM/FC	
SH163529	384593	6965193	8	D	DAD	B	10	G	rd-br	N	10	HW			10	23-Jul	GM/FC	
SH163530	384560	6965309	8	D	DAD	B	20	G	gr-br	N	<5	HW			<5	23-Jul	GM/FC	
SH163531	384556	6965408	8	D	DAD	B	15	F	br	N	10	HW			10	23-Jul	GM/FC	
SH163532	384559	6965510	8	D	DAD	B	10	G	lt br	N	10	CF			15	23-Jul	GM/FC	
SH163533	384567	6965614	8	D	DAD	B	15	G	dk br	N	5	CF			5	23-Jul	GM/FC	
SH163534	384551	6965712	8	D	DAD	B	10	G	rd-br	N	<5	HW			10	23-Jul	GM/FC	
SH163535	384566	6965806	8	D	DAD	B	20	M	lt br	N	<5	CF			30	23-Jul	GM/FC	finally decent bush
SH163536	384550	6966004	8	D	DAD	B	15	M	lt br	N	<5	CF			10	23-Jul	GM/FC	spoke too soon
SH163537	384530	6966106	8	D	DAD	B	15	M	br	N	15	CF			15	23-Jul	GM/FC	
SH163538	384570	6966219	8	D	DAD	B	15	G	tan	N	10	CF			<5	23-Jul	GM/FC	
SH163539	384607	6966295	8	D	DAD	B	10	F	tan	N	<5	CF			10	23-Jul	GM/FC	
SH163540	384606	6966403	8	D	DAD	B	15	F	tan	N	5	HW			10	23-Jul	GM/FC	
SH163541	384603	6966502	8	D	DAD	B	15	G	tan	N	5	CF			10	23-Jul	GM/FC	
SH163542	384612	6966602	8	D	DAD	B	10	G	tan	N	5	HW			5	23-Jul	GM/FC	
SH163543	384695	6966722	8	D	DAD	B	10	F	lt br	N	<5	CF			10	23-Jul	GM/FC	
SH163550	385767	6967335	8	D	MID CL	B	20	G	Br-red	N	10	POP			20	04-Aug	FC	
SH894035	380999	6966776	8	N	S CL	B	15	M	lt br	N	<5	POP			25	16-Aug	SS/EH	1st post
SH894036	381007	6966671	8	N	S CL	B	30	M	br	N	20	MF			20	16-Aug	SS/EH	Moss mat
SH894037	381020	6966584	8	N	S CL	B	20	S	or-br	N	10	CF			20	16-Aug	SS/EH	Moss mat
SH894038	381013	6966486	8	N	S CL	B	20	S	or-br	N	5	CF			25	16-Aug	SS/EH	Moss mat
SH894039	381000	6966363	8	N	S CL	B	10	G	lt br	N	5	MF			30	16-Aug	SS/EH	Near hill top
SH894040	380989	6966266	8	N	S CL	B	5	G	gr-br	N	<5	POP			30	16-Aug	SS/EH	Near hill top
SH894041	380990	6966147	8	N	S CL	B	10	M	tan	N	<5	POP			20	16-Aug	SS/EH	
SH894042	380985	6966072	8	N	S CL	B	10	M	lt br	N	<5	Grass			30	16-Aug	SS/EH	On slope
SH894043	380989	6965964	8	N	S CL	B	5	M	lt br	N	<5	POP			20	16-Aug	SS/EH	Dry soil
SH894044	380983	6965879	8	N	S CL	B	5	G	tan	N	<5	POP			20	16-Aug	SS/EH	

Appendix 3b

SOIL SAMPLE RESULTS SHEET

DAD Claims, 2008 Program
Northern Tiger Resources Inc.

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na
DESCRIPTION	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%
SH162547	0.2	1.96	5 <10		340	0.8 <2		0.44 <0.5		13	40	18	3.51	10	1	0.06	10	0.56	441 <1		0.02
SH162548	0.2	1.41	7 <10		510	0.7 <2		0.72 <0.5		10	31	23	2.64 <10		1	0.04	10	0.53	457 <1		0.02
SH162549	<0.2	1.25	5 <10		370	0.5 <2		0.52 <0.5		7	28	13	2.37 <10	<1		0.04	10	0.47	272 <1		0.02
SH162550	<0.2	1.59	9 <10		550	0.6 <2		0.38 <0.5		10	38	9	3.04	10	1	0.05	10	0.39	468 <1		0.02
SH162551	<0.2	1.59	2 <10		90	<0.5 <2		0.28 <0.5		7	40	27	2.17	10	1	0.04	10	0.47	349 <1		0.02
SH162552	<0.2	1.38	3 <10		240	<0.5 <2		0.59 <0.5		8	25	26	1.85 <10		1	0.03	10	0.35	427 <1		0.04
SH162553	<0.2	1.13	3 <10		80	<0.5 <2		1.03 <0.5		7	30	49	1.76 <10		<1	0.04	10	0.54	266 <1		0.04
SH162554	<0.2	1.4	6 <10		200	<0.5 <2		0.61 <0.5		8	33	32	2.42 <10	<1		0.06	10	0.6	264 <1		0.03
SH162555	<0.2	1.2	6 <10		170	<0.5 <2		0.76 <0.5		7	25	25	2.01 <10	<1		0.04	10	0.41	321 <1		0.04
SH162556	<0.2	1.37	6 <10		240	<0.5 <2		0.69 <0.5		7	30	18	2.2 <10		1	0.03	10	0.49	297 <1		0.03
SH162557	0.2	1	6 <10		90	<0.5 <2		0.64 <0.5		9	34	49	2.62 <10	<1		0.05	10	0.46	264	1	0.02
SH162558	<0.2	1.08	6 <10		100	<0.5 <2		0.55 <0.5		7	29	16	2.1 <10	<1		0.05	10	0.47	221	1	0.03
SH162559	<0.2	1.17 <2	<10		100	<0.5 <2		0.52 <0.5		5	18	14	1.79	10 <1		0.06 <10		0.31	190	1	0.03
SH162560	<0.2	1.07	3 <10		160	<0.5 <2		1.86 <0.5		6	16	74	1.47 <10	<1		0.04	10	0.29	312	1	0.04
SH162561	<0.2	1.34	4 <10		110	<0.5 <2		1.03 <0.5		7	24	34	2.21 <10	<1		0.06	10	0.54	291	1	0.02
SH162562	<0.2	1.56	3 <10		100	<0.5 <2		0.73 <0.5		7	18	95	2.1 <10	<1		0.05	10	0.44	197 <1		0.04
SH162563	<0.2	0.29 <2	<10		130	<0.5 <2		1.18 <0.5		3	4	25	0.61 <10	<1		0.03 <10		0.08	499	1	0.06
SH162564	<0.2	1.52	4 <10		110	<0.5 <2		1.52 <0.5		8	20	53	2.31 <10		1	0.06	10	0.69	383	1	0.03
SH162565	<0.2	3.03	5 <10		330	<0.5 <2		1.17 <0.5		17	18	66	4.73	10	1	0.08	10	1.31	899 <1		0.02
SH162578	<0.2	1.08	8 <10		320	<0.5	2	0.69 <0.5		8	27	21	2.3 <10	<1		0.04	10	0.5	455 <1		0.03
SH162579	<0.2	1.39	10 <10		390	0.6 <2		0.52 <0.5		11	32	18	2.69 <10	<1		0.04	10	0.5	395 <1		0.02
SH162580	<0.2	1.19	7 <10		310	0.5	3	0.65 <0.5		8	28	24	2.4 <10	<1		0.04	10	0.5	309 <1		0.03
SH162581	<0.2	1.1	8 <10		240	<0.5 <2		0.24 <0.5		6	29	7	2.18 <10	<1		0.04	10	0.36	298 <1		0.02
SH162582	<0.2	1.3	9 <10		350	<0.5 <2		0.45 <0.5		8	30	17	2.36 <10	<1		0.03	10	0.42	199 <1		0.02
SH162583	<0.2	1.48	10 <10		330	0.5	2	0.42 <0.5		8	34	13	2.61 <10	<1		0.04	10	0.45	224 <1		0.02
SH162584	<0.2	1.41	8 <10		420	0.6 <2		0.44 <0.5		8	36	10	2.53 <10	<1		0.03	10	0.42	322 <1		0.02
SH162585	<0.2	1	9 <10		180	<0.5 <2		0.49 <0.5		7	24	19	2.56 <10	<1		0.04	10	0.4	198 <1		0.02
SH162586	<0.2	1.15	8 <10		290	0.5	2	0.45 <0.5		8	26	11	2.25 <10	<1		0.03	10	0.44	301 <1		0.02
SH162587	<0.2	1.09	7 <10		290	<0.5	2	0.64 <0.5		7	24	15	2.19 <10	<1		0.03	10	0.43	266 <1		0.02
SH162588	<0.2	0.99	9 <10		220	<0.5 <2		0.62 <0.5		8	23	14	2.24 <10	<1		0.05	10	0.44	302 <1		0.03
SH162613	<0.2	2.42	7 <10		250	0.7 <2		0.48 <0.5		13	37	22	3.93	10 <1		0.06	10	0.74	481	1	0.01
SH162614	0.2	2.12	9 <10		510	1 <2		0.39 <0.5		16	49	19	3.73	10 <1		0.09	20	0.54	520	1	0.01
SH162615	<0.2	1.58	6 <10		290	<0.5 <2		0.38 <0.5		10	29	17	2.96	10 <1		0.13	10	0.46	412	4	0.01
SH162616	<0.2	1.44	11 <10		330	0.5 <2		0.43 <0.5		11	31	52	2.97 <10	<1		0.11	10	0.57	336	3	0.01
SH162617	<0.2	1.46	13 <10		320	0.6 <2		0.25 <0.5		11	33	18	2.86 <10	<1		0.1	10	0.49	234	1 <0.01	
SH162618	<0.2	1.53	6 <10		360	0.6 <2		0.35 <0.5		11	50	14	2.88	10 <1		0.13	10	0.46	345	1 <0.01	
SH162619	0.2	1.28	7 <10		360	<0.5 <2		0.31 <0.5		9	36	13	2.42	10 <1		0.06	10	0.41	637	2 <0.01	
SH162620	<0.2	1.5	6 <10		580	0.6 <2		0.45 <0.5		11	32	13	2.75	10 <1		0.05	10	0.41	843	1	0.01
SH162621	<0.2	1.46	9 <10		530	0.6 <2		0.46 <0.5		10	30	13	2.79	10 <1		0.05	10	0.41	616	2	0.01
SH162622	0.2	1.3	9 <10		540	0.6	2	0.6	0.5	10	27	19	2.59 <10	<1		0.06	10	0.42	613	1	0.01
SH162623	<0.2	1.49	5 <10		550	0.5 <2		0.4 <0.5		10	33	11	2.69	10 <1		0.05	10	0.4	711	2	0.01
SH162624	<0.2	1.58	5 <10		580	0.7 <2		0.5	0.5	14	34	18	2.97	10 <1		0.04	10	0.42	1140	1	0.01
SH162625	<0.2	1.51	9 <10		540	0.5 <2		0.36 <0.5		8	32	9	2.73 <10	<1		0.04	10	0.42	317	2 <0.01	
SH162626	<0.2	1.4	8 <10		470	0.5 <2		0.41 <0.5		9	31	7	2.69 <10	<1		0.08	10	0.4	557	1 <0.01	
SH162627	<0.2	1.32	9 <10		570	0.5 <2		0.43 <0.5		10	29	15	2.68 <10		1	0.08	10	0.41	856	1	0.01
SH162638	<0.2	0.92	3 <10		160	<0.5 <2		0.61 <0.5		7	25	12	1.76 <10	<1		0.04	10	0.36	282 <1		0.02

SH162639	<0.2	0.81	7	<10	140	<0.5	2	0.56	<0.5	7	23	13	2.15	<10	<1	0.05	10	0.42	287	<1	0.02
SH162640	<0.2	1.56	7	<10	360	0.5	<2	0.42	<0.5	10	35	11	2.63	<10	<1	0.04	10	0.41	608	<1	0.02
SH162641	<0.2	1.56	18	<10	280	<0.5	<2	0.39	<0.5	8	35	76	3.14	<10	<1	0.04	10	0.45	284	1	0.02
SH162642	<0.2	1.17	5	<10	150	<0.5	<2	0.29	<0.5	7	28	16	2.17	<10	<1	0.04	10	0.37	167	<1	0.01
SH162643	<0.2	1.31	6	<10	360	<0.5	<2	0.53	<0.5	7	28	13	2.21	10	<1	0.03	10	0.43	272	<1	0.02
SH162644	<0.2	1.1	5	<10	290	<0.5	2	0.63	<0.5	8	30	18	2.07	10	<1	0.03	10	0.45	331	<1	0.02
SH162645	<0.2	1.39	10	<10	200	<0.5	<2	0.33	<0.5	7	31	20	2.57	<10	<1	0.04	10	0.42	187	1	0.02
SH162646	<0.2	1.32	5	<10	340	0.6	2	0.45	<0.5	7	29	18	2.37	10	<1	0.03	20	0.48	285	1	0.02
SH162651	<0.2	1.29	12	<10	300	0.6	<2	0.26	<0.5	10	34	16	2.67	<10	1	0.09	10	0.38	254	1	<0.01
SH162652	<0.2	1.16	8	<10	280	<0.5	<2	0.49	<0.5	7	25	15	2.21	<10	<1	0.07	10	0.44	297	1	0.01
SH162653	0.2	1.85	10	<10	700	0.9	2	0.4	<0.5	15	44	10	3.53	10	<1	0.08	10	0.55	934	1	0.01
SH162654	<0.2	1.69	6	<10	200	0.9	<2	0.37	<0.5	9	28	30	3.1	10	<1	0.14	10	0.43	434	2	0.01
SH162655	<0.2	1.65	13	<10	430	0.8	<2	0.35	<0.5	11	38	9	3.02	10	1	0.06	10	0.43	463	1	0.01
SH162656	<0.2	1.31	10	<10	450	0.6	<2	0.6	<0.5	11	29	17	2.55	<10	<1	0.05	10	0.5	856	1	0.01
SH162657	<0.2	1.28	8	<10	360	0.5	<2	0.44	<0.5	10	29	17	2.59	<10	<1	0.06	10	0.42	433	1	0.01
SH162658	<0.2	1.41	9	<10	390	0.6	<2	0.4	<0.5	8	32	13	2.66	<10	<1	0.04	10	0.43	295	1	0.01
SH162659	<0.2	1.3	10	<10	440	0.5	2	0.41	<0.5	9	29	12	2.58	<10	1	0.06	10	0.42	505	1	0.01
SH162660	<0.2	0.76	6	<10	190	<0.5	<2	0.9	<0.5	7	22	12	2.05	<10	<1	0.04	10	0.41	334	1	0.01
SH162661	<0.2	1.52	10	<10	390	0.7	<2	0.41	<0.5	11	36	14	2.94	10	<1	0.06	20	0.52	365	1	0.01
SH162662	<0.2	1.51	8	<10	400	0.6	<2	0.33	<0.5	11	37	14	2.85	10	<1	0.07	10	0.4	443	1	0.01
SH162663	<0.2	1.27	9	<10	250	0.5	<2	0.33	<0.5	10	34	14	2.69	<10	<1	0.08	10	0.4	296	1	0.01
SH162664	<0.2	1.07	14	<10	280	0.5	<2	0.51	<0.5	9	29	18	2.57	<10	<1	0.12	10	0.52	322	1	0.01
SH162665	<0.2	1.42	9	<10	510	0.7	<2	1.71	<0.5	9	19	49	2.41	<10	1	0.11	10	0.65	1060	3	0.01
SH 162701	<0.2	1.91	10	<10	260	<0.5	<2	0.44	<0.5	19	52	46	3.34	10	<1	0.04	<10	0.73	632	2	<0.01
SH 162702	<0.2	1.67	6	<10	300	0.6	<2	0.56	<0.5	11	37	21	2.86	<10	<1	0.12	10	0.45	632	1	<0.01
SH 162703	<0.2	1.85	6	<10	310	0.7	2	0.67	<0.5	11	31	38	3.03	10	<1	0.17	10	0.54	788	<1	0.01
SH 162704	0.2	1.72	6	<10	370	0.7	<2	0.61	<0.5	10	35	39	2.93	10	<1	0.19	10	0.51	906	<1	0.01
SH 162705	0.2	1.97	4	<10	110	1.2	3	1.27	<0.5	7	4	33	2.93	10	1	0.06	10	0.65	920	<1	0.01
SH 162706	0.2	1.58	7	<10	360	0.6	2	0.75	<0.5	10	28	26	2.53	<10	1	0.16	10	0.46	962	<1	0.01
SH 162707	<0.2	1.23	9	<10	330	0.6	2	0.75	<0.5	9	28	34	2.33	<10	<1	0.1	10	0.58	608	<1	0.01
SH 162708	0.2	2.06	7	<10	470	0.9	3	0.79	<0.5	10	25	52	2.79	10	<1	0.2	10	0.47	1405	<1	0.02
SH 162709	<0.2	1.48	7	<10	410	0.6	<2	0.72	<0.5	9	28	25	2.56	<10	<1	0.08	10	0.48	832	<1	0.01
SH 162710	<0.2	0.92	5	<10	230	<0.5	2	0.3	<0.5	8	27	10	2.1	<10	<1	0.18	10	0.34	484	<1	0.01
SH 162711	<0.2	1.89	5	<10	600	0.8	3	0.66	<0.5	8	25	30	2.83	10	<1	0.09	10	0.45	1030	<1	0.02
SH 162712	<0.2	1.29	3	<10	460	0.6	<2	0.35	<0.5	9	32	11	2.56	<10	<1	0.15	10	0.35	653	<1	0.01
SH 162721	<0.2	1.26	10	<10	390	0.5	3	0.73	<0.5	10	28	29	2.52	<10	<1	0.04	10	0.46	531	<1	0.02
SH 162722	<0.2	1.26	8	<10	110	0.5	<2	0.74	<0.5	8	22	62	2.73	<10	<1	0.09	10	0.63	418	<1	0.02
SH 162723	0.2	1.55	8	<10	380	0.7	3	0.5	<0.5	12	34	22	2.75	10	<1	0.03	10	0.48	668	<1	0.02
SH 162724	<0.2	1.77	10	<10	310	<0.5	2	0.28	<0.5	8	39	9	2.89	10	<1	0.03	10	0.41	248	<1	0.01
SH 162725	0.3	1.59	7	<10	420	0.5	2	0.32	<0.5	12	36	11	2.92	10	1	0.03	10	0.35	731	<1	0.01
SH 162726	<0.2	1.53	5	<10	240	0.6	<2	0.31	<0.5	12	34	13	2.86	10	1	0.09	10	0.36	562	<1	0.01
SH 162727	0.2	1.39	12	<10	250	0.5	3	0.33	<0.5	8	34	19	2.59	<10	<1	0.09	10	0.39	215	<1	0.01
SH 162728	<0.2	1.5	8	<10	430	0.7	2	0.49	<0.5	9	37	15	2.88	10	1	0.04	10	0.52	304	<1	0.01
SH 162729	0.2	1.55	8	<10	390	0.6	2	0.5	<0.5	10	36	12	2.79	10	1	0.03	10	0.46	494	<1	0.01
SH 162730	<0.2	1.37	8	<10	320	0.5	<2	0.47	<0.5	9	36	31	2.46	<10	1	0.05	10	0.56	270	<1	0.03
SH 162731	<0.2	1.2	8	<10	270	<0.5	<2	0.97	<0.5	9	29	27	2.19	<10	<1	0.04	10	0.46	676	<1	0.02
SH 162732	<0.2	1.29	11	<10	390	0.5	<2	0.88	<0.5	9	31	20	2.51	<10	<1	0.03	10	0.46	647	<1	0.02
SH 162733	<0.2	1.2	7	<10	390	0.5	2	0.77	0.5	9	28	31	2.29	<10	1	0.04	10	0.44	1205	<1	0.01
SH 162734	<0.2	1.37	11	<10	470	0.6	<2	0.56	0.7	10	30	19	2.59	<10	1	0.04	10	0.45	665	<1	0.01
SH162751	<0.2	0.99	5	<10	170	<0.5	<2	0.53	<0.5	6	22	32	2.16	<10	<1	0.03	10	0.43	219	<1	0.02
SH162752	<0.2	1.27	7	<10	270	<0.5	<2	1.31	<0.5	10	21	59	2.66	<10	<1	0.04	10	0.63	231	1	0.03
SH162753	<0.2	1.25	5	<10	240	<0.5	<2	0.43	<0.5	8	28	13	2.27	10	<1	0.04	10	0.39	232	1	0.02
SH162754	<0.2	1.23	6	<10	350	0.5	<2	0.54	<0.5	8	29	20	2.24	<10	<1	0.03	10	0.45	228	1	0.02
SH 162887	<0.2	1.39	7	<10	300	<0.5	<2	0.53	<0.5	8	30	10	2.38	<10	<1	0.04	10	0.4	452	<1	0.02
SH 162888	<0.2	1.35	7	<10	200	<0.5	<2	0.52	<0.5	8	30	20	2.5	<10	<1	0.11	10	0.42	318	<1	0.02
SH 162889	0.2	1.32	7	<10	360	<0.5	<2	1.41	<0.5	10	28	34	2.43	<10	<1	0.17	10	0.43	374	<1	0.02
SH 162890	<0.2	1.31	5	<10	280	<0.5	<2	0.47	<0.5	10	30	20	2.42	<10	<1	0.09	10	0.42	556	<1	0.02
SH 162891	<0.2	1.5	9	<10	310	0.5	<2	0.45	<0.5	9	33	12	2.6	<10	<1	0.05	10	0.47	420	<1	0.02
SH 162892	0.2	1.01	8	<10	230	<0.5	<2	0.66	<0.5	6	24	12	1.98	<10	<1	0.05	10	0.43	180	<1	0.02
SH 162893	<0.2	1.08	4	<10	210	<0.5	<2	1.07	<0.5	7	31	20	1.89	<10	1	0.07	10	0.56	302	<1	0.02
SH 162894	<0.2	1.01	7	<10	180	<0.5	<2	0.32	<0.5	7	29	12	2.3	<10	<1	0.09	10	0.33	244	<1	0.01
SH 162895	0.2	1.04	6	<10	200	<0.5	<2	0.28	<0.5	9	48	13	2.22	<10	<1	0.13	10	0.45	277	<1	0.01

SH 162896	<0.2	1.35	12	<10	230	0.6	<2	0.46	<0.5	10	35	13	2.67	<10	<1	0.12	10	0.42	405	<1	0.02
SH 162944	<0.2	1.68	9	<10	230	0.6	<2	0.38	<0.5	9	38	17	2.97	10	<1	0.07	10	0.42	445	2	0.01
SH 162945	<0.2	2.15	6	<10	380	0.9	<2	0.58	<0.5	11	33	38	3.4	10	<1	0.07	10	0.39	860	2	0.02
SH 162946	<0.2	1.8	3	<10	370	1	<2	0.6	<0.5	9	27	65	3.12	10	<1	0.15	10	0.4	884	1	0.01
SH 162947	<0.2	1.91	4	<10	410	0.6	<2	0.52	<0.5	10	32	43	3.31	<10	<1	0.12	10	0.42	1135	2	0.01
SH 162948	<0.2	1.99	5	<10	400	0.6	<2	0.48	<0.5	14	29	72	3.38	10	<1	0.07	10	0.6	1020	1	0.02
SH 162949	<0.2	1.56	10	<10	250	0.6	<2	0.49	<0.5	10	36	43	2.95	<10	<1	0.09	10	0.55	498	1	0.01
SH 162950	<0.2	2.36	11	<10	110	0.5	<2	1.96	<0.5	22	46	404	3.36	10	<1	0.15	10	1.12	857	1	0.03
SH 163151	<0.2	1.01	16	<10	340	0.5	<2	0.27	<0.5	11	27	16	2.63	10	<1	0.14	20	0.36	367	1	<0.01
SH 163152	<0.2	1.01	16	<10	330	0.5	<2	0.3	<0.5	9	29	22	2.55	<10	<1	0.13	20	0.37	311	1	0.02
SH 163153	<0.2	1.05	9	<10	380	0.5	<2	0.32	<0.5	8	29	12	2.31	<10	<1	0.07	10	0.31	277	<1	0.01
SH 163201	<0.2	1.3	8	<10	220	0.5	<2	0.35	<0.5	7	34	13	2.49	10	<1	0.12	10	0.41	206	<1	0.01
SH 163202	<0.2	1.17	6	<10	210	<0.5	<2	0.35	<0.5	6	27	16	2.2	<10	<1	0.1	10	0.38	187	<1	0.01
SH 163203	<0.2	1.21	7	<10	200	0.5	<2	0.32	<0.5	8	31	12	2.41	<10	<1	0.09	10	0.4	195	1	0.01
SH 163204	<0.2	1.2	6	<10	250	<0.5	<2	0.39	<0.5	9	35	19	2.41	10	<1	0.07	10	0.44	414	1	0.01
SH 163205	<0.2	1.47	6	<10	400	0.6	<2	0.67	<0.5	9	35	13	2.71	10	<1	0.05	10	0.48	323	<1	0.01
SH 163206	<0.2	1.15	6	<10	440	0.5	<2	3.27	<0.5	8	25	16	2.07	10	<1	0.06	10	0.47	818	<1	0.02
SH 163207	<0.2	0.91	10	<10	320	<0.5	<2	1.46	<0.5	6	23	22	2.25	<10	<1	0.04	10	0.42	428	<1	0.02
SH 163208	<0.2	1.07	10	<10	280	<0.5	<2	0.7	<0.5	8	26	21	2.32	10	<1	0.07	10	0.45	235	<1	0.02
SH 163209	<0.2	1.15	8	<10	280	<0.5	<2	0.37	<0.5	7	27	15	2.36	<10	<1	0.08	10	0.46	355	<1	0.02
SH 163210	<0.2	1.21	13	<10	310	0.5	<2	0.28	<0.5	7	30	13	2.72	10	<1	0.11	10	0.43	334	1	0.01
SH 163211	<0.2	1.29	12	<10	340	0.6	<2	0.33	<0.5	9	33	14	2.71	<10	<1	0.1	10	0.37	352	1	0.01
SH 163212	<0.2	1.21	9	<10	360	0.6	<2	0.39	<0.5	9	30	21	2.54	<10	<1	0.09	10	0.4	308	<1	0.01
SH 163213	<0.2	1.16	16	<10	390	0.6	<2	0.32	<0.5	10	30	20	2.74	<10	<1	0.07	20	0.37	410	1	0.01
SH 163214	<0.2	1.1	11	<10	380	0.5	<2	0.33	<0.5	8	27	19	2.62	<10	<1	0.08	20	0.44	289	<1	0.01
SH 163215	<0.2	1.18	12	<10	430	0.5	<2	0.39	<0.5	9	31	17	2.65	<10	<1	0.09	10	0.44	451	<1	0.01
SH 163216	<0.2	1.11	17	<10	450	0.5	<2	0.28	<0.5	10	28	14	2.7	10	<1	0.08	20	0.42	364	<1	0.02
SH 163217	<0.2	1.29	12	<10	600	0.6	<2	0.3	<0.5	11	33	13	2.98	10	<1	0.08	10	0.43	544	1	0.02
SH163526	<0.2	1.15	8	<10	200	<0.5	<2	0.46	<0.5	6	26	9	1.97	<10	<1	0.05	10	0.4	217	<1	0.02
SH163527	<0.2	1.28	8	<10	280	<0.5	<2	0.51	<0.5	7	31	17	2.28	<10	<1	0.04	10	0.45	244	<1	0.02
SH163528	<0.2	1.29	8	<10	310	0.5	2	0.52	<0.5	8	31	18	2.25	<10	<1	0.03	10	0.44	322	<1	0.02
SH163529	<0.2	1.66	8	<10	360	0.6	<2	0.53	<0.5	11	39	31	2.85	10	<1	0.04	10	0.5	519	1	0.03
SH163530	<0.2	1.1	7	<10	250	<0.5	<2	0.62	<0.5	9	29	15	2.28	<10	<1	0.04	10	0.43	543	<1	0.03
SH163531	<0.2	1.22	8	<10	240	<0.5	4	0.56	<0.5	8	30	14	2.24	<10	1	0.03	10	0.42	236	1	0.02
SH163532	<0.2	1.32	10	<10	280	<0.5	<2	0.53	<0.5	8	32	15	2.42	<10	<1	0.04	10	0.46	274	<1	0.02
SH163533	<0.2	1.35	11	<10	310	0.6	3	0.53	<0.5	10	35	18	2.55	<10	<1	0.04	10	0.49	315	<1	0.02
SH163534	<0.2	1.34	11	<10	330	<0.5	<2	0.56	<0.5	7	31	14	2.38	10	<1	0.04	10	0.5	218	<1	0.03
SH163535	<0.2	1.05	9	<10	290	<0.5	<2	0.57	<0.5	8	24	12	2.25	<10	<1	0.05	10	0.43	781	<1	0.02
SH163536	<0.2	1.29	14	<10	320	0.6	2	0.4	<0.5	10	34	12	2.69	<10	<1	0.11	10	0.44	374	1	0.02
SH163537	<0.2	1.3	11	<10	160	0.5	2	0.36	<0.5	10	36	20	2.67	10	<1	0.12	10	0.42	275	<1	0.02
SH163538	<0.2	1.34	12	<10	240	0.6	<2	0.35	<0.5	10	38	15	2.8	<10	<1	0.13	10	0.44	339	1	0.02
SH163539	<0.2	1.45	15	<10	250	0.6	2	0.36	<0.5	10	39	20	2.91	<10	<1	0.11	10	0.4	286	<1	0.02
SH163540	<0.2	1.35	21	<10	270	0.5	<2	0.38	<0.5	10	37	18	2.75	<10	1	0.06	10	0.45	266	<1	0.02
SH163541	<0.2	1.32	14	<10	240	0.6	2	0.36	<0.5	9	40	17	2.62	<10	<1	0.07	10	0.42	236	<1	0.02
SH163542	<0.2	1.5	13	<10	380	0.7	2	0.39	<0.5	10	42	16	2.86	<10	<1	0.05	20	0.46	240	<1	0.02
SH163543	0.2	1.38	11	<10	330	0.5	<2	0.37	<0.5	8	31	12	2.61	<10	1	0.05	10	0.43	193	2	<0.01
SH 163500	0.6	1.66	39	<10	610	0.9	<2	0.84	<0.5	10	21	23	2.49	10	<1	0.13	10	0.27	1550	1	0.01
SH 894035	<0.2	1.61	7	<10	400	0.8	<2	0.6	<0.5	9	31	32	2.85	10	<1	0.15	10	0.49	668	1	<0.01
SH 894036	<0.2	1.37	4	<10	210	<0.5	<2	0.38	<0.5	6	23	11	2.33	<10	<1	0.05	10	0.35	233	<1	<0.01
SH 894037	<0.2	1.48	2	<10	310	0.7	3	0.33	<0.5	8	33	13	2.65	<10	1	0.05	10	0.39	254	<1	<0.01
SH 894038	<0.2	1.4	4	<10	400	0.6	<2	0.39	<0.5	9	34	12	2.73	10	<1	0.06	10	0.43	518	1	<0.01
SH 894039	<0.2	1.34	5	<10	320	0.6	<2	0.44	<0.5	9	33	13	2.65	<10	<1	0.1	10	0.36	491	1	<0.01
SH 894040	<0.2	1.51	2	<10	320	0.7	<2	0.43	<0.5	10	34	15	2.92	10	<1	0.19	20	0.41	582	1	<0.01
SH 894041	<0.2	1.81	5	<10	290	0.8	<2	0.61	<0.5	7	25	19	2.53	<10	<1	0.14	10	0.39	537	<1	<0.01
SH 894042	<0.2	1.75	5	<10	410	0.8	<2	0.61	<0.5	9	31	24	2.73	<10	1	0.1	10	0.45	771	<1	<0.01
SH 894043	<0.2	2.21	<2	<10	380	0.9	<2	0.74	<0.5	8	24	26	2.62	10	1	0.26	10	0.42	841	<1	<0.01
SH 894044	<0.2	1.15	2	<10	310	0.5	<2	0.4	<0.5	8	31	12	2.4	<10	<1	0.2	10	0.39	592	1	<0.01

Appendix 3b

SOIL SAMPLE RESULTS SHEET

DAD Claims, 2008 Program
Northern Tiger Resources Inc.

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA23		
SAMPLE	Ni	P	Pb	S	Sb	Sc	Sr	Te	Th	Ti	Tl	U	V	W	Zn	Au		
DESCRIPTION	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm		
SH162547	33	1680	8	<0.01	<2		6	33	<10	<20	0.21	<10	<10		85	<10	59	<0.005
SH162548	31	750	9	<0.01	<2		4	53	<10	<20	0.1	<10	<10		55	<10	60	<0.005
SH162549	23	690	8	<0.01	<2		4	38	<10	<20	0.08	<10	<10		50	<10	60	<0.005
SH162550	27	520	9	<0.01	<2		3	28	<10	<20	0.17	<10	<10		68	<10	81	<0.005
SH162551	21	130	2	<0.01	<2		3	20	<10	<20	0.1	<10	<10		61	<10	34	<0.005
SH162552	15	250	5	<0.01	<2		3	26	<10	<20	0.06	<10	<10		48	<10	30	<0.005
SH162553	23	630	4	<0.01	<2		5	37	<10	<20	0.06	<10	<10		54	<10	32	<0.005
SH162554	25	540	5	<0.01	<2		5	35	<10	<20	0.08	<10	<10		54	<10	39	<0.005
SH162555	17	480	5	<0.01	<2		4	32	<10	<20	0.05	<10	<10		46	<10	39	<0.005
SH162556	19	550	6	<0.01	<2		4	33	<10	<20	0.06	<10	<10		50	<10	47	<0.005
SH162557	25	560	4	0.01	<2		11	30	<10	<20	0.06	<10	<10		66	<10	47	<0.005
SH162558	17	580	3	<0.01	<2		4	29	<10	<20	0.07	<10	<10		56	<10	37	0.005
SH162559	10	280	3	<0.01	<2		2	26	<10	<20	0.07	<10	<10		46	<10	41	<0.005
SH162560	14	720	2	0.04	<2		3	60	<10	<20	0.04	<10	<10		35	<10	36	<0.005
SH162561	15	640	4	0.02	<2		4	42	<10	<20	0.07	<10	<10		57	<10	42	<0.005
SH162562	14	310	3	<0.01		2	5	29	<10	<20	0.08	<10	<10		58	<10	33	0.009
SH162563	6	500	<2	0.02	<2		1	35	<10	<20	0.02	<10	<10		17	<10	10	<0.005
SH162564	14	710	2	0.03	<2		6	54	<10	<20	0.08	<10	<10		58	<10	44	<0.005
SH162565	11	430	3	<0.01	<2		12	36	<10	<20	0.24	<10	<10		133	<10	63	<0.005
SH162578	23	940	7	0.01	<2		3	50	<10	<20	0.07	<10	<10		44	<10	55	0.01
SH162579	29	730	7	<0.01		2	4	39	<10	<20	0.1	<10	<10		54	<10	61	<0.005
SH162580	23	790	6	0.01		2	4	44	<10	<20	0.08	<10	<10		49	<10	39	<0.005
SH162581	16	270	7	0.01		2	2	19	<10	<20	0.1	<10	<10		49	<10	34	<0.005
SH162582	25	540	8	0.01	<2		3	32	<10	<20	0.07	<10	<10		51	<10	54	<0.005
SH162583	26	530	8	<0.01		2	4	28	<10	<20	0.1	<10	<10		55	<10	45	<0.005
SH162584	23	490	8	<0.01		2	4	31	<10	<20	0.11	<10	<10		58	<10	54	<0.005
SH162585	15	640	5	0.01		2	4	39	<10	<20	0.06	<10	<10		52	<10	32	<0.005
SH162586	20	610	6	<0.01	<2		4	35	<10	<20	0.07	<10	<10		46	<10	34	<0.005
SH162587	17	690	6	0.01		2	4	49	<10	<20	0.06	<10	<10		48	<10	39	<0.005
SH162588	17	710	6	0.01	<2		4	45	<10	<20	0.06	<10	<10		47	<10	36	<0.005
SH162613	23	1270	5	<0.01	<2		7	35	<10	<20	0.19	<10	<10		104	<10	81	<0.005
SH162614	49	760	10	<0.01	<2		6	30	<10	<20	0.29	<10	<10		80	<10	103	<0.005
SH162615	19	240	6	<0.01	<2		5	28	<10	<20	0.11	<10	<10		68	<10	40	<0.005
SH162616	34	920	8	<0.01	<2		4	32	<10	<20	0.15	<10	<10		63	<10	82	0.005
SH162617	29	280	8	<0.01	<2		5	20	<10	<20	0.12	<10	<10		59	<10	53	0.005
SH162618	31	1190	7	<0.01	<2		4	25	<10	<20	0.18	<10	<10		57	<10	72	<0.005
SH162619	25	380	8	<0.01	<2		3	23	<10	<20	0.09	<10	<10		54	<10	53	<0.005
SH162620	26	470	9	<0.01	<2		4	35	<10	<20	0.11	<10	<10		57	<10	78	0.005
SH162621	23	530	10	<0.01	<2		4	36	<10	<20	0.1	<10	<10		58	<10	65	<0.005
SH162622	24	720	9	<0.01		2	4	42	<10	<20	0.07	<10	<10		49	<10	70	<0.005
SH162623	22	490	8	<0.01	<2		3	33	<10	<20	0.11	<10	<10		62	<10	62	<0.005
SH162624	32	630	8	<0.01	<2		4	37	<10	<20	0.1	<10	<10		60	<10	101	<0.005
SH162625	24	450	11	<0.01	<2		3	27	<10	<20	0.09	<10	<10		61	<10	64	<0.005
SH162626	21	560	10	<0.01	<2		3	31	<10	<20	0.09	<10	<10		57	<10	65	<0.005
SH162627	25	760	9	<0.01	<2		4	35	<10	<20	0.08	<10	<10		53	<10	68	<0.005
SH162638	16	690	4	0.02	<2		3	42	<10	<20	0.06	<10	<10		43	<10	34	<0.005

SH162639	16	780	4	0.01	2	3	40	<10	<20	0.06	<10	<10	51	<10	31	0.015	
SH162640	22	270	7	<0.01	<2	4	27	<10	<20	0.12	<10	<10	60	<10	40	<0.005	
SH162641	26	250	8	<0.01		2	7	28	<10	<20	0.11	<10	<10	70	<10	48	<0.005
SH162642	18	340	6	<0.01		2	3	22	<10	<20	0.07	<10	<10	51	<10	26	<0.005
SH162643	19	530	6	0.01		2	4	34	<10	<20	0.07	<10	<10	49	<10	32	<0.005
SH162644	21	710	5	0.01		2	3	44	<10	<20	0.06	<10	<10	46	<10	36	<0.005
SH162645	21	420	6	<0.01		2	3	23	<10	<20	0.08	<10	<10	57	<10	41	0.005
SH162646	23	520	6	<0.01	<2		5	28	<10	<20	0.07	<10	<10	47	<10	42	<0.005
SH162651	29	570	9	<0.01	<2		4	19	<10	<20	0.11	<10	<10	54	<10	50	<0.005
SH162652	20	770	7	<0.01	<2		4	39	<10	<20	0.08	<10	<10	44	<10	55	<0.005
SH162653	42	1240	9	<0.01	<2		5	35	<10	<20	0.25	<10	<10	74	<10	121	<0.005
SH162654	17	860	7	<0.01	<2		5	30	<10	<20	0.12	<10	<10	68	<10	62	<0.005
SH162655	26	520	9	<0.01	<2		5	32	<10	<20	0.16	<10	<10	65	<10	67	<0.005
SH162656	28	790	7	<0.01		2	4	50	<10	<20	0.09	<10	<10	52	<10	69	<0.005
SH162657	24	600	8	<0.01	<2		4	35	<10	<20	0.09	<10	<10	53	<10	59	<0.005
SH162658	22	470	9	<0.01	<2		4	30	<10	<20	0.1	<10	<10	57	<10	53	<0.005
SH162659	24	580	8	<0.01	<2		4	30	<10	<20	0.09	<10	<10	51	<10	58	<0.005
SH162660	17	830	4	0.02	<2		2	60	<10	<20	0.06	<10	<10	46	<10	47	0.008
SH162661	32	550	9	<0.01	<2		5	33	<10	<20	0.15	<10	<10	61	<10	54	<0.005
SH162662	29	580	9	<0.01	<2		4	27	<10	<20	0.15	<10	<10	63	<10	51	0.006
SH162663	25	330	8	<0.01	<2		5	23	<10	<20	0.12	<10	<10	57	<10	46	<0.005
SH162664	29	410	11	<0.01	<2		4	39	<10	<20	0.09	<10	<10	48	<10	54	<0.005
SH162665	19	740	12	0.01		2	3	231	<10	<20	0.05	<10	<10	49	<10	69	0.010
SH 162701	25	370	4	<0.01	<2		5	33		<20	0.13	<10	<10	80	<10	48	<0.005
SH 162702	19	620	5	<0.01	<2		4	48		<20	0.13	<10	<10	61	<10	67	0.005
SH 162703	20	740	6	<0.01	<2		5	72		<20	0.13	<10	<10	66	<10	72	<0.005
SH 162704	24	650	6	0.01	<2		5	62		<20	0.14	<10	<10	62	<10	75	<0.005
SH 162705	4	1150	4	0.02		2	3	188		<20	0.04	<10	<10	69	<10	69	<0.005
SH 162706	20	970	6	0.06	<2		3	59		<20	0.07	<10	<10	51	<10	86	<0.005
SH 162707	26	860	6	0.05	<2		3	59		<20	0.08	<10	<10	48	<10	66	<0.005
SH 162708	17	800	7	0.02		2	4	128		<20	0.08	<10	<10	55	<10	98	0.006
SH 162709	22	720	6	0.02	<2		4	63		<20	0.1	<10	<10	51	<10	94	<0.005
SH 162710	17	530	7	<0.01	<2		3	21		<20	0.08	<10	<10	44	<10	47	<0.005
SH 162711	16	630	9	0.03		2	3	174		<20	0.07	<10	<10	59	<10	97	<0.005
SH 162712	20	830	6	<0.01	<2		3	37		<20	0.16	<10	<10	48	<10	83	0.009
SH 162721	24	890	7	0.01		2	4	48		<20	0.08	<10	<10	50	<10	61	0.007
SH 162722	16	1110	5	<0.01	<2		4	50		<20	0.09	<10	<10	62	<10	66	0.016
SH 162723	28	550	8	<0.01		3	4	33		<20	0.11	<10	<10	60	<10	62	<0.005
SH 162724	23	260	8	<0.01	<2		3	20		<20	0.13	<10	<10	69	<10	79	0.005
SH 162725	21	950	8	<0.01	<2		3	24		<20	0.15	<10	<10	66	<10	55	<0.005
SH 162726	20	750	7	<0.01	<2		3	22		<20	0.15	<10	<10	61	<10	53	<0.005
SH 162727	22	650	8	<0.01	<2		4	25		<20	0.09	<10	<10	57	<10	42	<0.005
SH 162728	29	590	9	<0.01		2	4	35		<20	0.14	<10	<10	60	<10	66	<0.005
SH 162729	26	420	9	<0.01		2	4	34		<20	0.12	<10	<10	60	<10	63	<0.005
SH 162730	32	450	6	<0.01	<2		5	31		<20	0.08	<10	<10	57	<10	47	0.005
SH 162731	23	850	6	0.04	<2		3	61		<20	0.05	<10	<10	51	<10	59	<0.005
SH 162732	26	860	6	0.02		2	4	59		<20	0.1	<10	<10	56	<10	53	0.008
SH 162733	26	920	5	0.01		2	3	51		<20	0.07	<10	<10	51	<10	55	0.006
SH 162734	24	690	7	<0.01	<2		4	38		<20	0.09	<10	<10	54	<10	76	<0.005
SH162751	16	670	5	<0.01		2	4	31	<10	<20	0.06	<10	<10	45	<10	36	<0.005
SH162752	21	1090	4	0.01	<2		4	65	<10	<20	0.07	<10	<10	59	<10	64	<0.005
SH162753	18	490	5	<0.01	<2		3	25	<10	<20	0.07	<10	<10	51	<10	39	<0.005
SH162754	25	730	5	<0.01	<2		4	36	<10	<20	0.08	<10	<10	46	<10	64	<0.005
SH 162887	18	320	7	0.02	<2		4	42		<20	0.08	<10	<10	60	<10	37	<0.005
SH 162888	19	260	6	0.02	<2		5	32		<20	0.09	<10	<10	59	<10	34	<0.005
SH 162889	29	200	6	0.02	<2		5	36		<20	0.09	<10	<10	54	<10	24	0.006
SH 162890	20	880	6	0.01	<2		4	32		<20	0.08	<10	<10	53	<10	59	<0.005
SH 162891	22	450	7	0.01		2	5	32		<20	0.1	<10	<10	60	<10	65	<0.005
SH 162892	16	670	6	0.01	<2		3	44		<20	0.07	<10	<10	51	<10	37	<0.005
SH 162893	26	830	5	0.07	<2		4	62		<20	0.06	<10	<10	40	<10	59	<0.005
SH 162894	20	600	5	0.01	<2		4	25		<20	0.08	<10	<10	59	<10	30	0.021
SH 162895	30	410	5	0.01	<2		3	19		<20	0.09	<10	<10	51	<10	36	0.006

SH 162896	27	470	7	0.01	2	5	29
SH 162944	19	770	9	<0.01	<2	4	28
SH 162945	21	780	8	<0.01	<2	4	47
SH 162946	17	920	8	0.01	<2	5	50
SH 162947	17	820	7	<0.01	<2	5	61
SH 162948	15	1000	5	<0.01	<2	5	39
SH 162949	22	670	7	<0.01	<2	6	49
SH 162950	23	1450	3	0.06	<2	8	153
SH 163151	28	680	10	<0.01	3	4	23
SH 163152	31	810	13	0.02	2	4	23
SH 163153	20	420	8	0.01	2	4	23
SH 163201	21	460	7	<0.01	<2	5	24
SH 163202	19	780	5	<0.01	<2	4	23
SH 163203	19	480	8	<0.01	<2	4	23
SH 163204	28	420	5	<0.01	<2	4	29
SH 163205	28	510	9	<0.01	<2	4	48
SH 163206	22	1050	7	0.04	3	3	155
SH 163207	20	810	5	0.03	3	3	79
SH 163208	26	700	6	0.02	<2	4	41
SH 163209	22	490	7	0.01	4	5	30
SH 163210	23	540	12	0.15	<2	4	26
SH 163211	24	570	11	<0.01	3	4	24
SH 163212	28	820	9	<0.01	<2	5	27
SH 163213	31	460	11	<0.01	<2	5	24
SH 163214	28	410	9	<0.01	<2	5	29
SH 163215	28	990	10	<0.01	2	4	29
SH 163216	28	470	14	<0.01	3	4	23
SH 163217	30	1210	13	0.02	<2	4	26
SH163526	15	560	6	<0.01	<2	3	29
SH163527	20	650	6	<0.01	<2	4	35
SH163528	22	660	6	<0.01	<2	4	35
SH163529	28	660	7	<0.01	<2	4	34
SH163530	17	780	6	0.01	<2	3	42
SH163531	19	740	6	<0.01	<2	4	37
SH163532	22	640	6	<0.01	<2	4	35
SH163533	27	650	7	<0.01	<2	4	36
SH163534	22	750	8	<0.01	<2	4	39
SH163535	18	700	6	<0.01	<2	4	38
SH163536	23	480	8	<0.01	<2	5	25
SH163537	27	980	7	<0.01	<2	6	26
SH163538	27	550	9	<0.01	<2	5	25
SH163539	26	540	8	<0.01	<2	7	26
SH163540	24	500	9	<0.01	<2	6	26
SH163541	24	550	9	<0.01	<2	5	24
SH163542	29	530	9	<0.01	<2	6	26
SH163543	22	510	10	<0.01	<2	4	31
SH 163500	15	420	35	<0.01	<2	4	63
SH 894035	27	700	10	0.01	<2	5	57
SH 894036	13	610	10	<0.01	<2	2	47
SH 894037	25	350	6	<0.01	<2	5	25
SH 894038	28	700	5	<0.01	<2	4	26
SH 894039	24	790	7	<0.01	<2	5	28
SH 894040	20	660	6	<0.01	<2	5	32
SH 894041	16	670	7	<0.01	<2	4	88
SH 894042	19	440	8	0.01	2	5	62
SH 894043	16	600	5	<0.01	<2	4	95
SH 894044	20	730	7	<0.01	<2	4	33

<20	0.11	<10	<10	56	<10	51	<0.005
<20	0.15	<10	<10	67	<10	70	<0.005
<20	0.16	<10	<10	76	<10	93	0.005
20	0.1	<10	<10	56	<10	67	<0.005
<20	0.16	<10	<10	66	<10	71	0.007
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<20	0.05	<10	<10	44	<10	59	<0.005
<20	0.04	<10	<10	43	<10	61	<0.005
<20	0.06	<10	<10	49	<10	44	<0.005
<20	0.09	<10	<10	54	<10	43	<0.005
<20	0.06	<10	<10	49	<10	34	0.011
<20	0.1	<10	<10	51	<10	42	<0.005
<20	0.09	<10	<10	50	<10	52	0.007
<20	0.13	<10	<10	56	<10	67	<0.005
<20	0.07	<10	<10	42	<10	44	<0.005
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<20	0.07	<10	<10	51	<10	55	<0.005
<20	0.07	<10	<10	52	<10	56	<0.005
<20	0.06	<10	<10	49	<10	49	<0.005
<20	0.06	<10	<10	51	<10	61	<0.005
<20	0.05	<10	<10	46	<10	60	<0.005
<20	0.08	<10	<10	47	<10	66	0.006
<20	0.06	<10	<10	45	<10	68	<0.005
<20	0.11	<10	<10	52	<10	94	<0.005
<20	0.06	<10	<10	47	<10	41	<0.005
<20	0.07	<10	<10	53	<10	41	<0.005
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<20	0.07	<10	<10	56	<10	48	<0.005
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<20	0.08	<10	<10	56	<10	54	0.009
<20	0.09	<10	<10	53	<10	51	<0.005
<20	0.07	<10	<10	53	<10	50	<0.005
<20	0.06	<10	<10	50	<10	42	<0.005
<20	0.1	<10	<10	56	<10	44	<0.005
<20	0.08	<10	<10	57	<10	42	<0.005
<20	0.11	<10	<10	55	<10	49	<0.005
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<20	0.08	<10	<10	59	<10	46	<0.005
<20	0.1	<10	<10	55	<10	42	<0.005
<20	0.11	<10	<10	58	<10	55	<0.005
<20	0.08	<10	<10	51	<10	56	<0.005
<20	0.02	<10	<10	39	<10	81	0.005
<20	0.12	<10	<10	57	<10	73	<0.005
<20	0.06	<10	<10	58	<10	40	<0.005
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<20	0.14	<10	<10	55	<10	63	<0.005
<20	0.13	<10	<10	54	<10	44	<0.005
<20	0.16	<10	<10	56	<10	49	<0.005
<20	0.11	<10	<10	50	<10	56	<0.005
<20	0.11	<10	<10	58	<10	74	<0.005
<20	0.11	<10	<10	51	<10	88	0.018
<20	0.12	<10	<10	45	<10	56	<0.005

Appendix 3c: Silt Sample Descriptions and Results

Appendix 3c

SILT SAMPLE DESCRIPTION SHEET

DAD Claims, 2008 Program
Northern Tiger Resources Inc.

Sample No	Easting UTM NAD 27C	Northing UTM NAD 27C	Easting UTM NAD 83	Northing UTM NAD 83	Zone	% Fines	Colour	Stream Grade	Stream Width (m)	Date	Sampler	Comments
TH162647	384302	6965148	384180	6965323	8	75	br-bly	S	0.30	23-Jul	CS	Dry, abundant silt and moss mat
TH162865	384399	6965286	384277	6965461	8	70	br	M	0.30	02-Aug	GM/CS	Dry - several sites and service channels
TH162866	384526	6965501	384404	6965676	8	80	br	M	0.25	02-Aug	GM/CS	Take flow-several sites
TH162867	382624	6965699	382502	6965874	8	90	gr-br	M	0.25	02-Aug	GM/CS	Fine sand, several sites - dry bed
TH162868	384788	6965862	384666	6966037	8	90	gr-br	M	0.35	02-Aug	GM/CS	Dry - several channels
TH162869	384941	6966023	384819	6966198	8	>90	dk br	G	0.30	02-Aug	GM/CS	Silt and humus along stream channel
TH162870	384119	6966145	383997	6966320	8	>90	dk br	G	0.45	02-Aug	GM/CS	Dry - silt and humus
TH162871	385280	6966157	385158	6966332	8	>90	br	G	0.50	02-Aug	GM/CS	Active - several sites, including moss mat - main stream
TH162872	385272	6966250	385150	6966425	8	>90	gr-br	G	1.00	02-Aug	GM/CS	Including moss mat - downstream of "confluence"
TH162873	385263	6966478	385141	6966653	8	>90	dk br	G	1.20	02-Aug	GM/CS	Including moss mat - algae-choked
TH162874	385259	6966696	385137	6966871	8	>90	dk br	G	1.00	02-Aug	GM/CS	Moss mat - several sites
TH162875	385262	6966921	385140	6967096	8	>90	dk br	G	0.80	02-Aug	GM/CS	Moss mat - several sites
TH162876	385179	6967119	385057	6967294	8	>90	lt br	G	0.50	02-Aug	GM/CS	Silt and moss mat
TH162877	385019	6967319	384897	6967494	8	>90	lt br	M	0.50	02-Aug	GM/CS	About silt, stream "underground" - sandy
TH162878	384918	6967430	384796	6967605	8	>90	dk br	G	0.50	02-Aug	GM/CS	Almost dry, very humus-rich silt
TH162897	385588	6965288	385466	6965463	8	>90	br	M	0.30	04-Aug	GM/CS	Likes main stream, separate from 162898
TH162898	385610	6965264	385488	6965439	8	>90	br	G	0.30	04-Aug	GM/CS	575 m; silt and moss mat
TH162899	385555	6964730	385433	6964905	8	85	br	M	1.50	04-Aug	GM/CS	Small cls, "broad" flood plain, humus-rich silt
TH165472	382478	6967726	382356	6967901	8	60	dk br	S	0.40	16-Jul	CS	Dry at sample location (NAD 83)
TH165473	382489	6966995	382367	6967170	8	65	dk br	M	0.35	16-Jul	CS	Active, including moss mat
TH165474	382463	6966840	382341	6967015	8	70	dk br	M	0.30	16-Jul	CS	Several sites, including moss mat
TH165475	382474	6966660	382352	6966835	8	80	dk br	M	1.50	16-Jul	CS	Dry but abundant silt

Appendix 3c

SILT SAMPLE RESULTS SHEET

DAD Claims, 2008 Program
Northern Tiger Resources Inc.

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%
TH 162647	0.047	<0.2	0.75	<2	<10	130	<0.5	<2	0.55	<0.5	7	29	17	2.09	<10	<1	0.04	10	0.36	254	<1	0.02
TH 162865	0.018	<0.2	0.81	7	<10	150	<0.5	<2	0.69	<0.5	7	26	18	1.9	<10	<1	0.04	10	0.37	336	1	0.01
TH 162866	0.078	<0.2	0.74	6	<10	130	<0.5	<2	0.58	<0.5	7	23	16	1.99	<10	<1	0.05	10	0.41	258	<1	0.01
TH 162867	<0.005	<0.2	0.71	7	<10	150	<0.5	<2	0.55	<0.5	7	19	13	2.02	<10	<1	0.04	10	0.38	568	1	0.01
TH 162868	0.005	<0.2	0.65	7	<10	100	<0.5	<2	0.59	<0.5	5	19	11	1.84	<10	<1	0.04	10	0.38	235	1	0.01
TH 162869	<0.005	<0.2	0.75	5	<10	120	<0.5	<2	0.74	<0.5	6	21	14	1.7	<10	<1	0.06	10	0.42	327	1	0.01
TH 162870	<0.005	<0.2	0.68	4	<10	110	<0.5	<2	0.62	<0.5	5	20	16	1.61	<10	<1	0.05	10	0.37	311	<1	0.01
TH 162871	<0.005	<0.2	0.77	4	<10	160	<0.5	<2	0.74	<0.5	6	21	15	1.64	<10	<1	0.05	10	0.44	234	<1	0.01
TH 162872	<0.005	<0.2	0.83	5	<10	170	<0.5	<2	0.81	<0.5	7	22	16	1.8	<10	<1	0.06	10	0.48	291	<1	0.02
TH 162873	<0.005	<0.2	0.81	4	<10	150	<0.5	<2	0.77	<0.5	7	24	20	1.58	<10	<1	0.06	10	0.5	155	1	0.02
TH 162874	<0.005	<0.2	0.68	3	<10	110	<0.5	<2	1.11	<0.5	6	18	9	1.44	<10	<1	0.05	10	0.43	279	<1	0.02
TH 162875	<0.005	<0.2	0.82	5	<10	170	<0.5	<2	1.06	<0.5	9	23	16	1.86	<10	<1	0.06	10	0.5	857	<1	0.01
TH 162876	0.006	<0.2	0.78	3	<10	150	<0.5	<2	1.75	<0.5	7	24	12	1.94	<10	<1	0.06	10	0.49	604	<1	0.01
TH 162877	<0.005	<0.2	0.72	5	<10	180	<0.5	<2	1.08	<0.5	8	21	12	1.76	<10	<1	0.05	10	0.45	1530	<1	0.01
TH 162878	<0.005	<0.2	0.8	5	10	170	<0.5	<2	1.42	<0.5	9	23	17	1.88	<10	<1	0.06	10	0.52	1035	<1	0.01
TH 162897	<0.005	<0.2	0.86	7	10	210	<0.5	<2	1.03	<0.5	8	25	15	1.99	<10	<1	0.06	10	0.5	703	<1	0.01
TH 162898	<0.005	<0.2	0.77	7	<10	130	<0.5	<2	0.74	<0.5	7	25	15	2.04	<10	<1	0.05	10	0.48	519	<1	0.01
TH 162899	0.005	<0.2	0.79	6	<10	140	<0.5	<2	0.72	<0.5	7	24	17	1.71	<10	<1	0.05	10	0.45	306	<1	0.02
TH165472	<0.005	<0.2	0.76	10	<10	150	<0.5	<2	0.74	<0.5	7	24	24	2.23	<10	<1	0.07	10	0.46	324	<1	0.02
TH165473	0.024	<0.2	0.87	10	<10	190	<0.5	<2	0.81	<0.5	7	24	22	2.18	<10	<1	0.07	10	0.49	354	<1	0.02
TH165474	<0.005	<0.2	0.8	6	<10	170	<0.5	<2	0.84	<0.5	6	22	19	1.92	<10	1	0.06	10	0.44	323	<1	0.02
TH165475	0.005	<0.2	0.72	6	<10	160	<0.5	<2	0.81	<0.5	6	18	14	1.68	<10	<1	0.05	10	0.45	252	<1	0.02

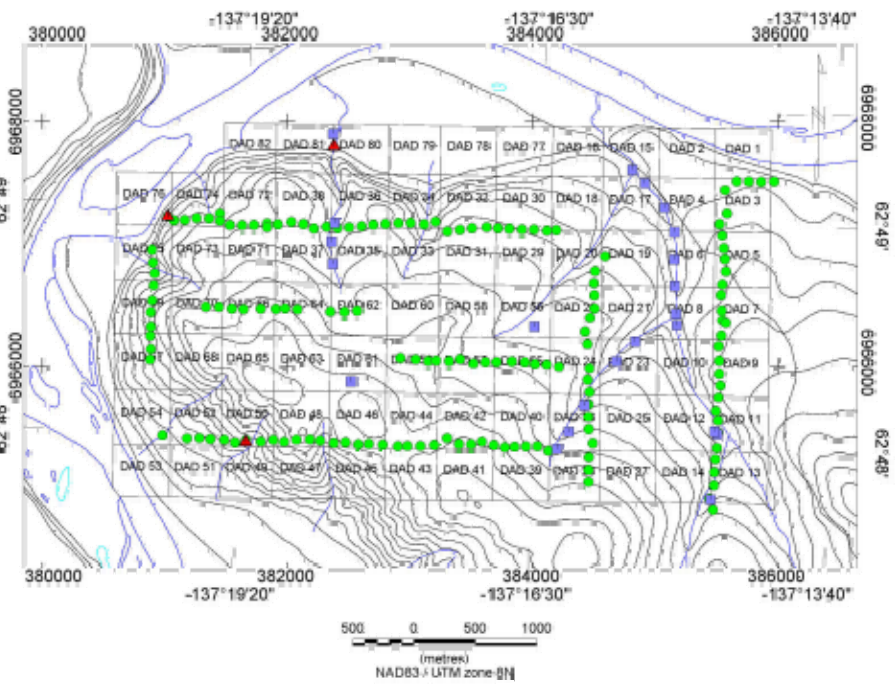
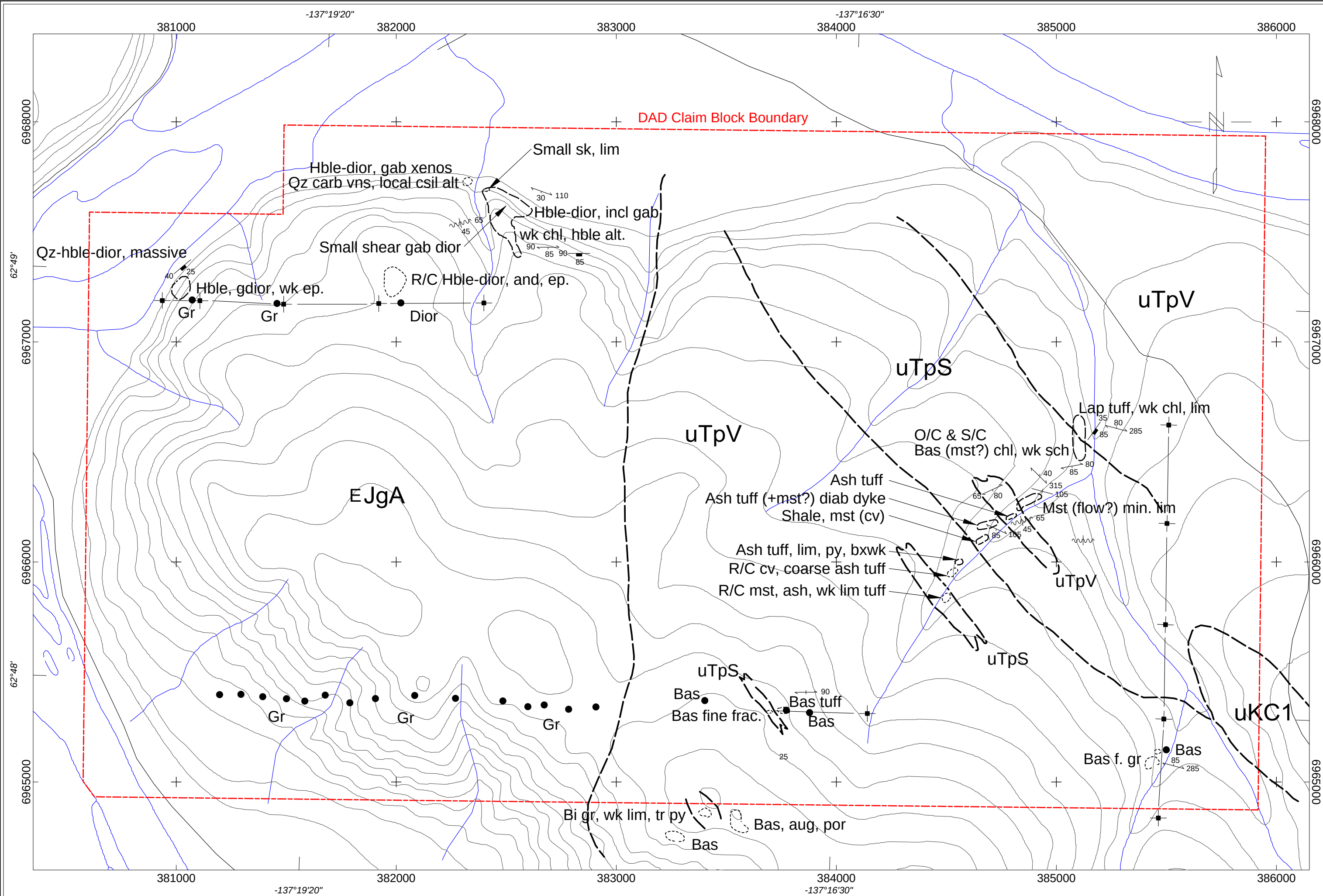
Appendix 3c

SILT SAMPLE RESULTS SHEET

DAD Claims, 2008 Program
Northern Tiger Resources Inc.

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Ni	P	Pb	S	Sb	Sc	Sr	Te	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
TH 162647	18	790	3	<0.01	<2	3	27	<10	<20	0.06	<10	<10	52	<10	41
TH 162865	20	780	6	<0.01	<2	3	42		<20	0.05	<10	<10	45	<10	43
TH 162866	16	670	4	<0.01	<2	3	38		<20	0.06	<10	<10	46	<10	36
TH 162867	16	690	5	<0.01	<2	3	38		<20	0.05	<10	<10	41	<10	40
TH 162868	14	690	4	<0.01	<2	3	36		<20	0.05	<10	<10	43	<10	35
TH 162869	16	700	3	0.04	<2	2	41		<20	0.05	<10	<10	37	<10	44
TH 162870	16	650	3	0.02	2	2	34		<20	0.05	<10	<10	37	<10	33
TH 162871	18	650	4	0.02	<2	3	45		<20	0.05	<10	<10	33	<10	41
TH 162872	20	670	4	0.04	<2	3	49		<20	0.05	<10	<10	35	<10	44
TH 162873	20	620	4	0.08	2	3	55		<20	0.05	<10	<10	36	<10	41
TH 162874	15	630	3	0.02	<2	2	66		<20	0.05	<10	<10	30	<10	32
TH 162875	21	730	4	0.04	<2	3	73		<20	0.05	<10	<10	35	<10	43
TH 162876	21	790	4	0.03	<2	3	83		<20	0.06	<10	<10	39	<10	41
TH 162877	20	700	4	0.01	<2	3	65		<20	0.05	<10	<10	35	<10	41
TH 162878	22	730	5	0.04	<2	3	84		<20	0.05	<10	<10	34	<10	48
TH 162897	21	730	4	0.04	<2	3	60		<20	0.05	<10	<10	36	<10	43
TH 162898	19	750	4	0.01	<2	3	42		<20	0.05	<10	<10	44	<10	39
TH 162899	22	680	2	0.05	<2	3	40		<20	0.05	<10	<10	39	<10	44
TH165472	17	970	3	0.01	<2	3	41	<10	<20	0.06	<10	<10	54	<10	47
TH165473	18	830	3	0.01	<2	3	48	<10	<20	0.06	<10	<10	49	<10	49
TH165474	16	870	4	0.02	<2	3	52	<10	<20	0.06	<10	<10	44	<10	51
TH165475	15	750	3	0.01	<2	3	45	<10	<20	0.06	<10	<10	37	<10	42

Appendix 4: Original Sample Results

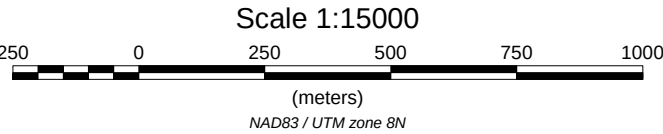


LEGEND

- UPPER CRETACEOUS: Tertiary
- uKC1 Carmacks Group
Augite - olivine porphyritic basalt, hornblende - feldspar porphyritic andesite and dacite flows, trachyte.
- LOWER JURASSIC: Aishihik Suite
- EJgA Medium grained biotite - hornblende granite to granodiorite, commonly gneissic. Includes small early phase diorite to gabbroic portions.
- UPPER TRIASSIC: Povoas Formation
- uTpS Fine grained bedded clastic sediments, primarily mudstone to siltstone, minor shale. Sedimentary horizons weakly limonitic.
- uTpV Basaltic to andesite flows, including tuffs ranging from lapilli to fine ash tuffs.

SYMBOLS

- Shear Zone
- Strike and dip of Foliation
- Strike and dip of Jointing
- Geological contact
- Outcrop boundary
- Rubblecrop, subcrop boundary
- Claim line with posts, known location
- LED claim block boundary
- Lithological description of rock fragments in soil samples



ABBREVIATIONS							
alt	Alteration	csil	Calc-silicate	gab	Gabbro	o/c	Outcrop
and	Andesite	cv	Colluvium	gdior	Granodiorite	py	Pyrite
aug	Augite	diab	Diabase	gr	Granite	qz	Quartz
Bas	Basalt	dior	Diorite	grgn	Granite-Gneiss	r/c	Rubblecrop
Bio	Biotite	ep	Epidote	hble	Hornblende	sch	Schist
bxwk	Boxwork	f.gr	Fine grained	lap	Lapilli	sh	Shale
carb	Carbonate	fol	Foliated	lim	Limestone	sil	Silicified
chl	Chlorite	frac	Fractured	mst	Mudstone	str	Strong

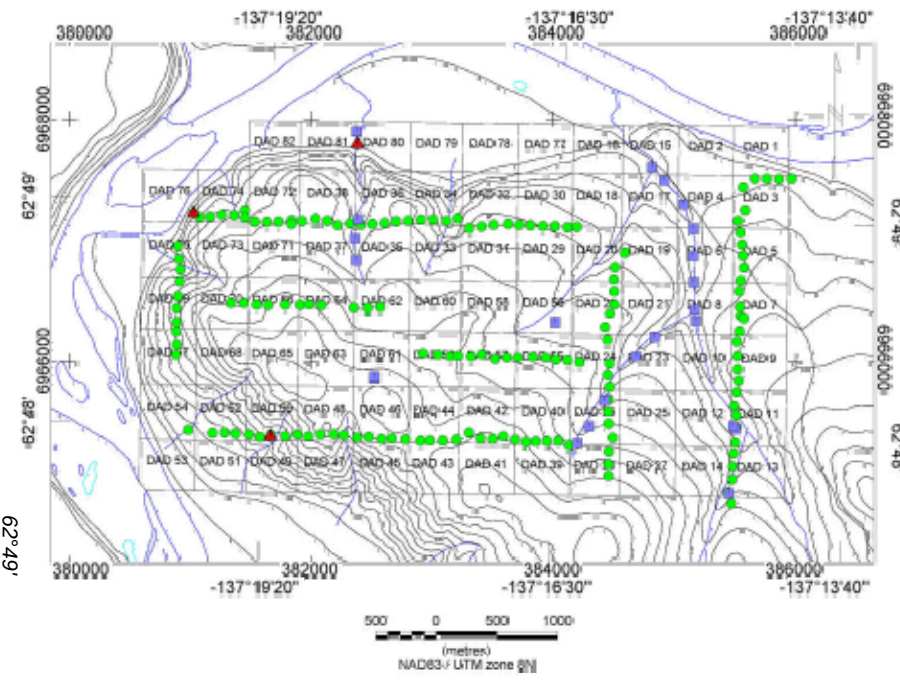
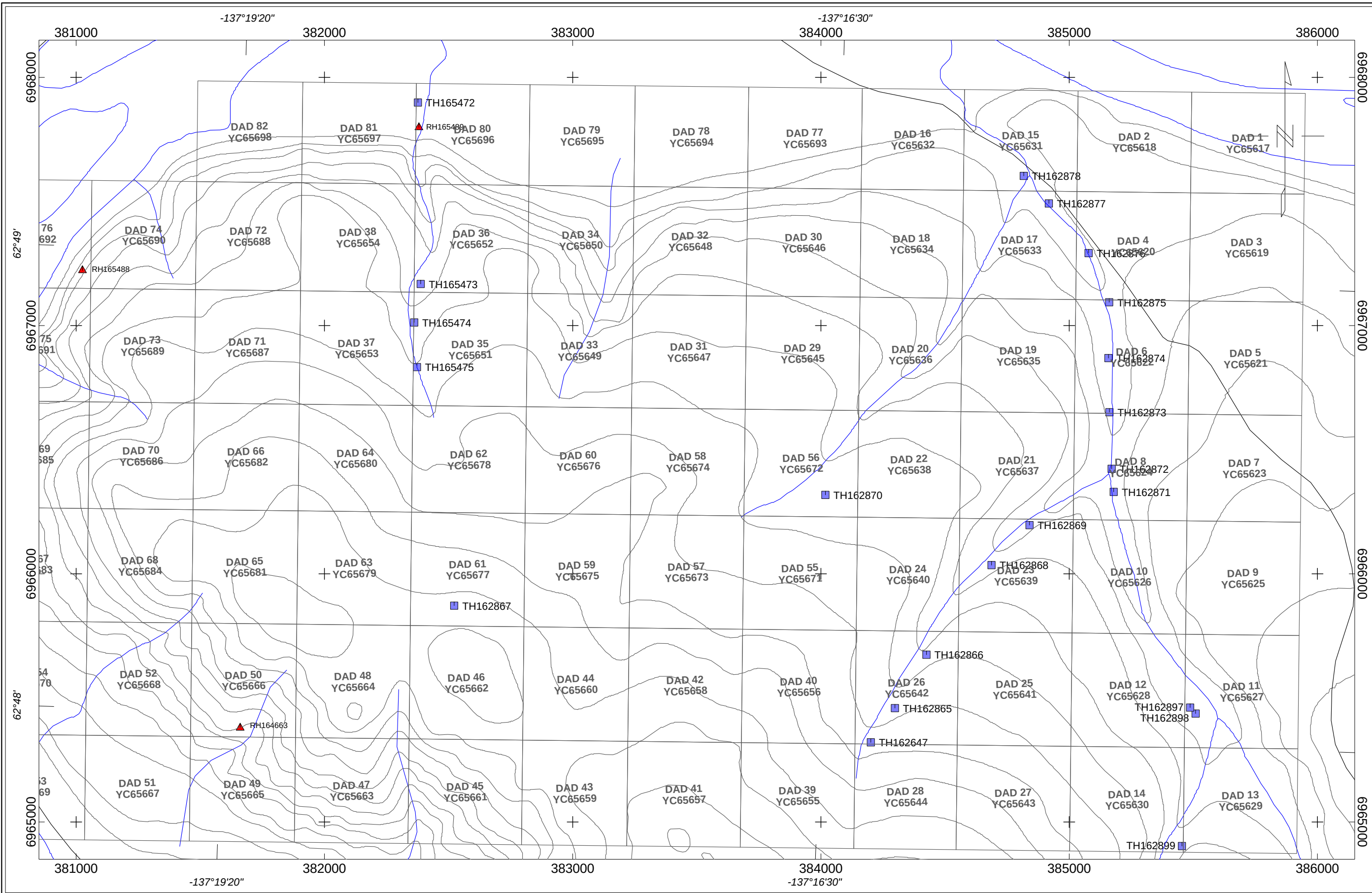
NORTHERN TIGER RESOURCES INC.

DAD CLAIMS
GEOLOGY MAP
MAP 1

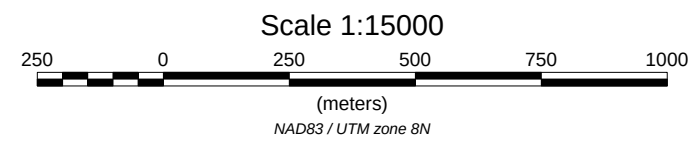
NTS: 115 I/14
Datum: NAD 83
Date: 29 Jan 09

Mining District: Whitehorse
Projection: UTM Zone 8
Drawn by: HDS

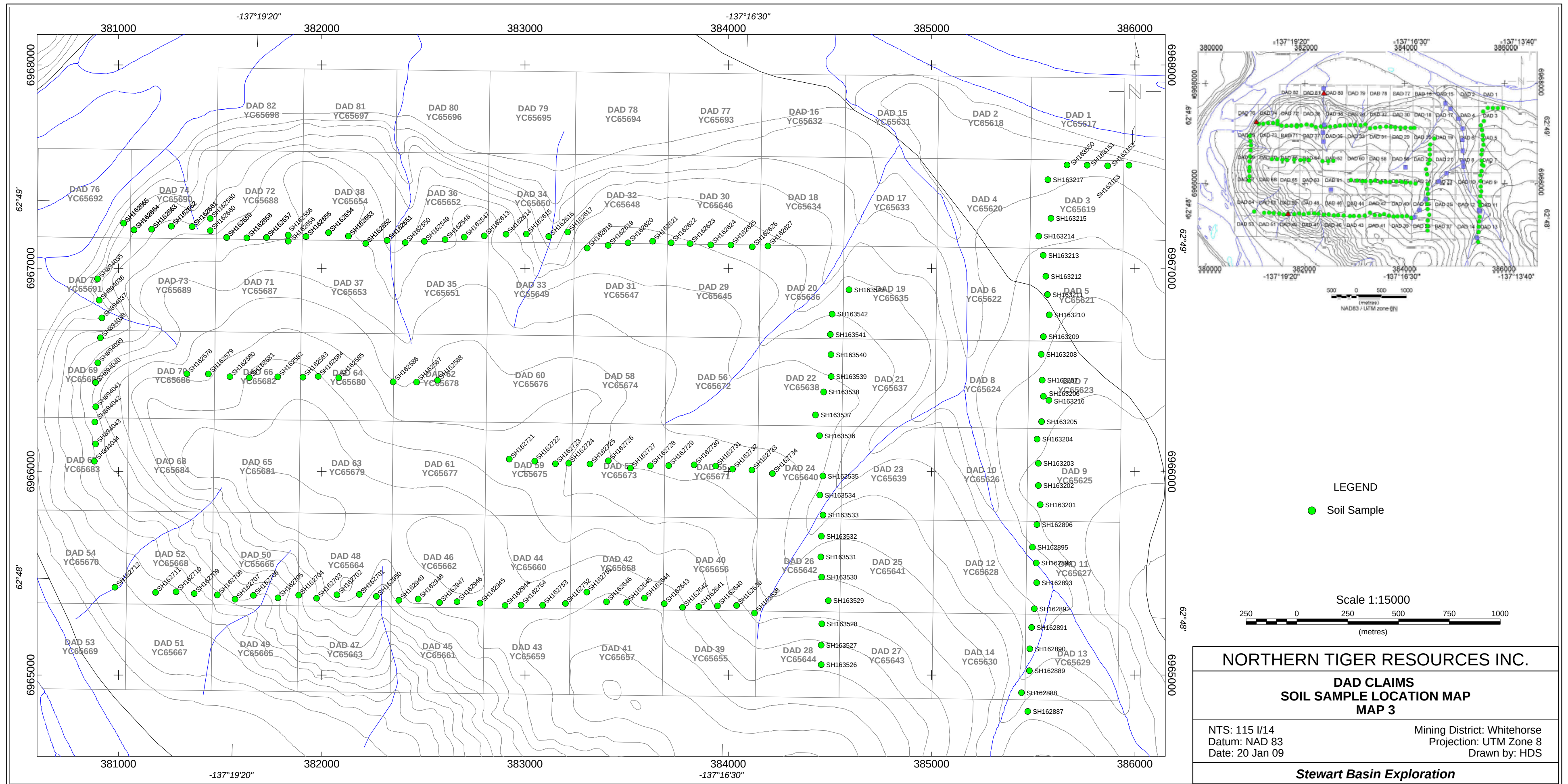
Stewart Basin Exploration

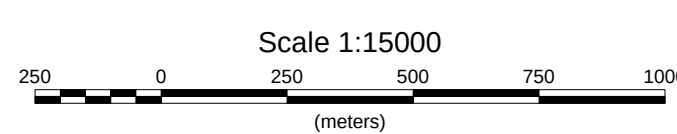
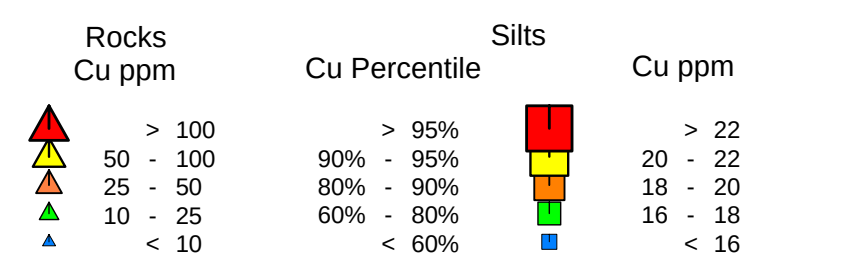
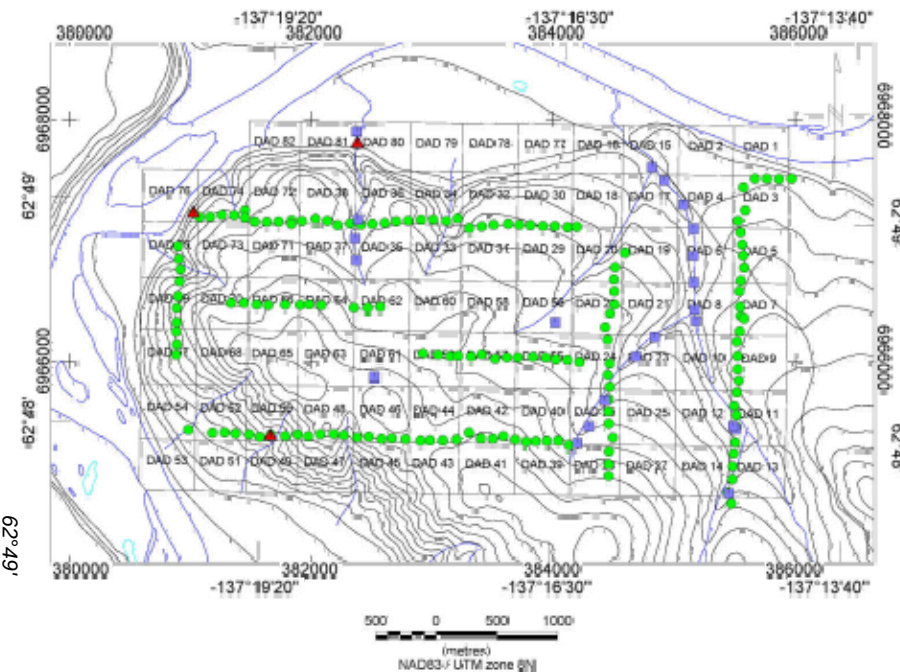
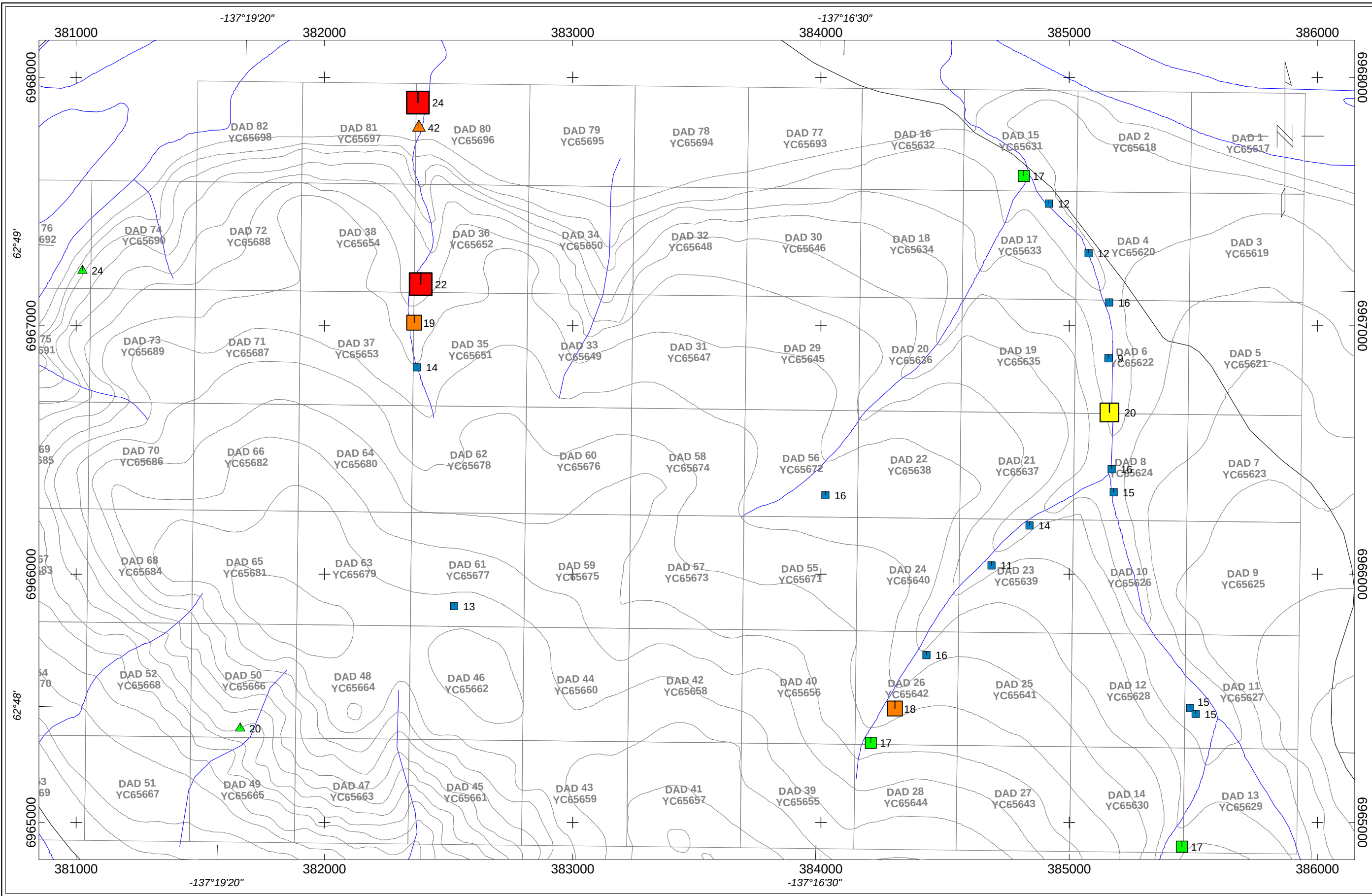


- LEGEND
- Silt Sample
 - Rock Sample



NORTHERN TIGER RESOURCES INC.	
DAD CLAIMS ROCK AND SILT SAMPLE LOCATION MAP MAP 2	
NTS: 115 I/14 Datum: NAD 83 Date: 05 Feb 09	Mining District: Whitehorse Projection: UTM Zone 8 Drawn by: HDS
Stewart Basin Exploration	





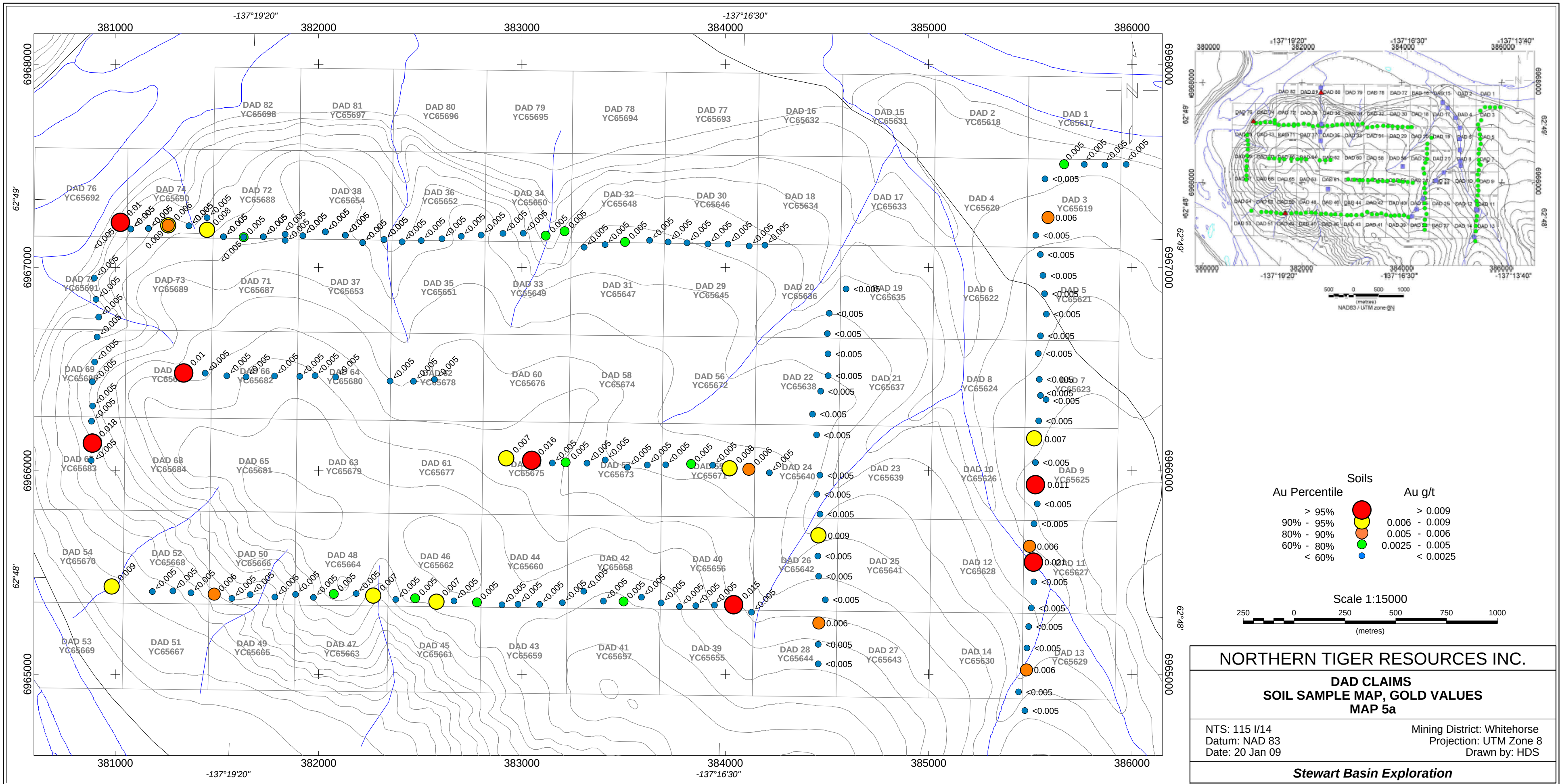
NORTHERN TIGER RESOURCES INC.

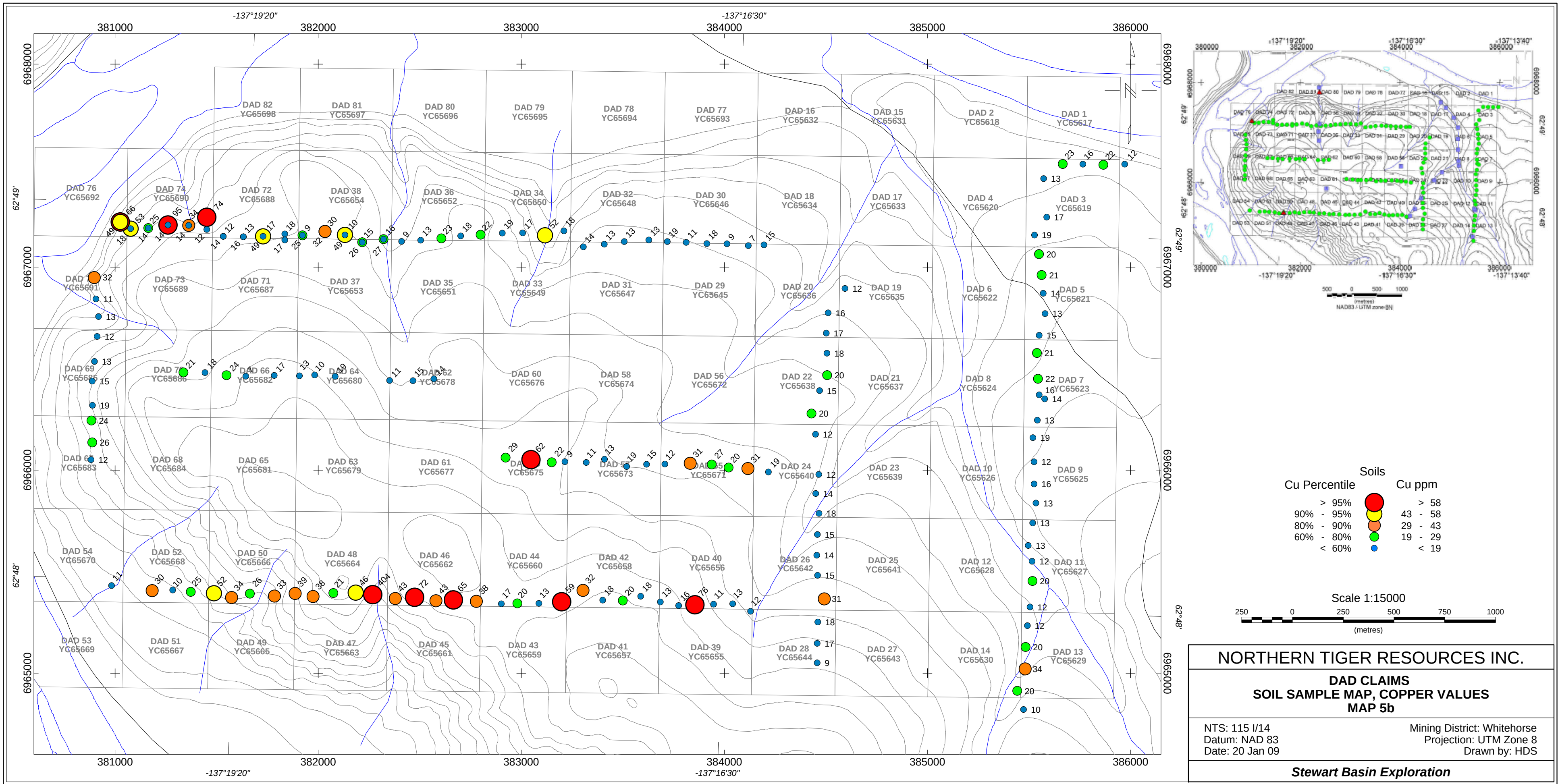
**DAD CLAIMS
ROCK AND SILT SAMPLE MAP, COPPER VALUES
MAP 4b**

NTS: 115 I/14
Datum: NAD 83
Date: 05 Feb 09

Mining District: Whitehorse
Projection: UTM Zone 8
Drawn by: HDS

Stewart Basin Exploration







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Page: 1

Finalized Date: 18-AUG-2008

This copy reported on 11-DEC-2008

Account: NOTIRE

CERTIFICATE VA08104556

Project: Sonora

P.O. No.:

This report is for 4 Rock samples submitted to our lab in Vancouver, BC, Canada on 30-JUL-2008.

The following have access to data associated with this certificate:

GREG HAYES

CARL SCHULZE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: NORTHERN TIGER RESOURCES
ATTN: CARL SCHULZE
35 DAWSON RD.
WHITEHORSE YT Y1A 5T6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

Total # Pages: 2 (A - C)

Finalized Date: 18-AUG-2008

Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA08104556

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
RH165488		1.58	<0.005	<0.2	0.73	2	<10	70	<0.5	<2	0.96	<0.5	3	3	24	1.08
RH165489		2.38	<0.005	<0.2	1.48	<2	<10	60	<0.5	<2	1.15	<0.5	8	19	42	2.56
RH164651		1.10	<0.005	<0.2	1.82	5	<10	40	<0.5	<2	3.45	<0.5	27	134	67	3.85
RH164652		1.92	<0.005	<0.2	1.42	2	<10	20	<0.5	<2	2.15	<0.5	6	45	12	1.36



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Page: 2 - B

Total # Pages: 2 (A - C)

Finalized Date: 18-AUG-2008

Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA08104556

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
RH165488		<10	2	0.12	10	0.33	516	<1	0.06	<1	560	2	<0.01	<2	1	109
RH165489		<10	2	0.13	<10	0.86	464	1	0.08	7	1880	<2	0.01	<2	5	53
RH164651		<10	2	0.02	<10	1.16	643	<1	0.05	78	610	<2	<0.01	<2	14	110
RH164652		<10	1	0.01	<10	0.49	271	<1	0.03	33	480	<2	<0.01	<2	4	68



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Page: 2 - C

Total # Pages: 2 (A - C)

Finalized Date: 18-AUG-2008

Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA08104556

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Te	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	10	20	0.01	10	10	1	10	2
RH165488		<10	<20	0.08	<10	<10	22	<10	41
RH165489		<10	<20	0.19	<10	<10	78	<10	42
RH164651		<10	<20	0.44	<10	<10	164	<10	80
RH164652		<10	<20	0.31	<10	<10	72	<10	15



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Page: 1

Finalized Date: 23-AUG-2008

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Account: NOTIRE

CERTIFICATE VA08104557

Project: Sonora

P.O. No.:

This report is for 135 Soil samples submitted to our lab in Vancouver, BC, Canada on 30-JUL-2008.

The following have access to data associated with this certificate:

GREG HAYES

CARL SCHULZE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: NORTHERN TIGER RESOURCES
ATTN: CARL SCHULZE
35 DAWSON RD.
WHITEHORSE YT Y1A 5T6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

Total # Pages: 5 (A - C)

Finalized Date: 23-AUG-2008

Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA08104557

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
SH162528		0.60	<0.2	1.11	6	<10	150	<0.5	<2	0.34	<0.5	4	21	14	1.79	<10
SH162529		0.54	<0.2	1.27	6	<10	200	<0.5	<2	0.55	<0.5	5	27	20	2.11	<10
SH162530		0.34	<0.2	1.22	5	<10	270	0.5	<2	1.07	<0.5	8	25	53	1.99	<10
SH162531		0.66	<0.2	1.21	7	<10	180	<0.5	<2	0.70	<0.5	5	34	37	1.96	<10
SH162532		0.58	<0.2	1.10	5	<10	250	<0.5	<2	0.32	<0.5	5	27	13	1.86	<10
SH162533		0.60	<0.2	1.18	5	<10	370	<0.5	<2	0.38	<0.5	5	27	17	2.04	<10
SH162534		0.62	<0.2	1.58	9	<10	330	0.5	<2	0.49	<0.5	6	35	22	2.45	<10
SH162535		0.50	<0.2	1.31	6	<10	190	<0.5	<2	0.45	<0.5	7	30	18	2.29	<10
SH162536		0.48	<0.2	0.99	6	<10	220	<0.5	<2	1.05	<0.5	7	22	23	2.63	<10
SH162537		0.66	<0.2	1.07	6	<10	170	<0.5	<2	0.63	<0.5	7	27	30	2.03	<10
SH162538		0.50	0.2	1.47	7	<10	280	<0.5	<2	0.57	<0.5	8	30	29	2.31	<10
SH162539		0.58	<0.2	1.22	4	<10	160	<0.5	<2	0.33	<0.5	5	27	14	2.04	<10
SH162540		0.64	<0.2	0.85	5	<10	110	<0.5	<2	0.17	<0.5	5	18	16	1.99	<10
SH162541		0.60	0.2	2.63	15	<10	250	0.7	<2	0.60	<0.5	18	142	45	4.28	10
SH162542		0.66	<0.2	0.94	5	<10	120	<0.5	<2	0.99	<0.5	6	30	21	2.27	<10
SH162543		0.70	<0.2	1.19	5	<10	170	<0.5	<2	0.57	<0.5	6	27	30	2.13	<10
SH162544		0.60	<0.2	1.26	9	<10	170	<0.5	<2	0.38	<0.5	6	35	19	2.29	<10
SH162545		0.52	<0.2	1.02	6	<10	150	<0.5	<2	0.29	<0.5	6	26	13	1.87	<10
SH162546		0.48	<0.2	1.13	9	<10	160	<0.5	<2	0.38	<0.5	8	29	13	2.28	<10
SH162547		0.58	0.2	1.96	5	<10	340	0.8	<2	0.44	<0.5	13	40	18	3.51	10
SH162548		0.50	0.2	1.41	7	<10	510	0.7	<2	0.72	<0.5	10	31	23	2.64	<10
SH162549		0.50	<0.2	1.25	5	<10	370	0.5	<2	0.52	<0.5	7	28	13	2.37	<10
SH162550		0.44	<0.2	1.59	9	<10	550	0.6	<2	0.38	<0.5	10	38	9	3.04	10
SH162551		0.60	<0.2	1.59	2	<10	90	<0.5	<2	0.28	<0.5	7	40	27	2.17	10
SH162552		0.36	<0.2	1.38	3	<10	240	<0.5	<2	0.59	<0.5	8	25	26	1.85	<10
SH162553		0.70	<0.2	1.13	3	<10	80	<0.5	<2	1.03	<0.5	7	30	49	1.76	<10
SH162554		0.56	<0.2	1.40	6	<10	200	<0.5	<2	0.61	<0.5	8	33	32	2.42	<10
SH162555		0.38	<0.2	1.20	6	<10	170	<0.5	<2	0.76	<0.5	7	25	25	2.01	<10
SH162556		0.48	<0.2	1.37	6	<10	240	<0.5	<2	0.69	<0.5	7	30	18	2.20	<10
SH162557		0.70	0.2	1.00	6	<10	90	<0.5	<2	0.64	<0.5	9	34	49	2.62	<10
SH162558		0.54	<0.2	1.08	6	<10	100	<0.5	<2	0.55	<0.5	7	29	16	2.10	<10
SH162559		0.48	<0.2	1.17	<2	<10	100	<0.5	<2	0.52	<0.5	5	18	14	1.79	10
SH162560		0.26	<0.2	1.07	3	<10	160	<0.5	<2	1.86	<0.5	6	16	74	1.47	<10
SH162561		0.50	<0.2	1.34	4	<10	110	<0.5	<2	1.03	<0.5	7	24	34	2.21	<10
SH162562		0.30	<0.2	1.56	3	<10	100	<0.5	<2	0.73	<0.5	7	18	95	2.10	<10
SH162563		0.28	<0.2	0.29	<2	<10	130	<0.5	<2	1.18	<0.5	3	4	25	0.61	<10
SH162564		0.32	<0.2	1.52	4	<10	110	<0.5	<2	1.52	<0.5	8	20	53	2.31	<10
SH162565		0.62	<0.2	3.03	5	<10	330	<0.5	<2	1.17	<0.5	17	18	66	4.73	10
SH162566		0.56	<0.2	1.50	3	<10	160	<0.5	<2	0.37	<0.5	8	29	13	2.53	10
SH162567		0.64	<0.2	1.14	4	<10	150	<0.5	<2	0.31	<0.5	6	23	15	1.86	<10



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Page: 2 - B

Total # Pages: 5 (A - C)

Finalized Date: 23-AUG-2008

Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA08104557

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
SH162528		1	0.04	10	0.34	157	<1	0.02	11	370	5	<0.01	<2	2	26
SH162529		2	0.04	10	0.44	226	<1	0.03	17	570	5	<0.01	<2	3	34
SH162530		1	0.04	10	0.46	409	<1	0.03	24	670	5	0.01	<2	4	58
SH162531		1	0.04	10	0.56	204	<1	0.03	21	810	5	<0.01	<2	4	36
SH162532		1	0.05	10	0.37	171	<1	0.02	14	290	5	<0.01	<2	3	22
SH162533		1	0.05	10	0.38	181	<1	0.03	15	330	5	<0.01	<2	4	28
SH162534		1	0.06	10	0.46	238	<1	0.03	21	260	7	<0.01	<2	5	30
SH162535		1	0.05	10	0.43	246	<1	0.02	15	270	5	<0.01	<2	5	33
SH162536		1	0.04	10	0.44	375	<1	0.02	12	530	2	0.02	<2	6	55
SH162537		1	0.07	10	0.51	349	<1	0.03	21	720	6	<0.01	<2	4	44
SH162538		1	0.03	10	0.44	428	<1	0.02	20	330	6	<0.01	<2	5	30
SH162539		1	0.03	10	0.39	177	<1	0.02	14	270	5	<0.01	<2	3	23
SH162540		1	0.04	10	0.24	169	2	0.01	8	130	3	<0.01	<2	2	15
SH162541		1	0.06	10	1.41	489	<1	0.03	60	250	4	<0.01	<2	15	63
SH162542		1	0.07	10	0.55	290	<1	0.02	16	810	4	<0.01	<2	5	45
SH162543		1	0.04	10	0.45	247	<1	0.02	17	710	4	<0.01	<2	5	32
SH162544		<1	0.05	10	0.41	174	<1	0.04	20	330	5	<0.01	<2	4	23
SH162545		1	0.04	10	0.34	178	<1	0.02	13	160	6	<0.01	<2	3	18
SH162546		<1	0.08	10	0.44	315	<1	0.02	20	270	6	<0.01	<2	4	25
SH162547		1	0.06	10	0.56	441	<1	0.02	33	1680	8	<0.01	<2	6	33
SH162548		1	0.04	10	0.53	457	<1	0.02	31	750	9	<0.01	<2	4	53
SH162549		<1	0.04	10	0.47	272	<1	0.02	23	690	8	<0.01	<2	4	38
SH162550		1	0.05	10	0.39	468	<1	0.02	27	520	9	<0.01	<2	3	28
SH162551		1	0.04	10	0.47	349	<1	0.02	21	130	2	<0.01	<2	3	20
SH162552		1	0.03	10	0.35	427	<1	0.04	15	250	5	<0.01	<2	3	26
SH162553		<1	0.04	10	0.54	266	<1	0.04	23	630	4	<0.01	<2	5	37
SH162554		<1	0.06	10	0.60	264	<1	0.03	25	540	5	<0.01	<2	5	35
SH162555		<1	0.04	10	0.41	321	<1	0.04	17	480	5	<0.01	<2	4	32
SH162556		1	0.03	10	0.49	297	<1	0.03	19	550	6	<0.01	<2	4	33
SH162557		<1	0.05	10	0.46	264	1	0.02	25	560	4	0.01	<2	11	30
SH162558		<1	0.05	10	0.47	221	1	0.03	17	580	3	<0.01	<2	4	29
SH162559		<1	0.06	<10	0.31	190	1	0.03	10	280	3	<0.01	<2	2	26
SH162560		<1	0.04	10	0.29	312	1	0.04	14	720	2	0.04	<2	3	60
SH162561		<1	0.06	10	0.54	291	1	0.02	15	640	4	0.02	<2	4	42
SH162562		<1	0.05	10	0.44	197	<1	0.04	14	310	3	<0.01	2	5	29
SH162563		<1	0.03	<10	0.08	499	1	0.06	6	500	<2	0.02	<2	1	35
SH162564		1	0.06	10	0.69	383	1	0.03	14	710	2	0.03	<2	6	54
SH162565		1	0.08	10	1.31	899	<1	0.02	11	430	3	<0.01	<2	12	36
SH162566		<1	0.07	10	0.41	245	1	0.01	14	920	5	<0.01	<2	3	31
SH162567		<1	0.05	10	0.37	170	1	0.01	12	260	4	<0.01	<2	3	24



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CERTIFICATE OF ANALYSIS VA08104557

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA23
		Th	Ti	Ti	U	V	W	Zn	Au
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	ppm 0.005
SH162528		<20	0.06	<10	<10	46	<10	33	<0.005
SH162529		<20	0.07	<10	<10	49	<10	38	<0.005
SH162530		<20	0.05	<10	<10	45	<10	37	<0.005
SH162531		<20	0.06	<10	<10	48	<10	41	<0.005
SH162532		<20	0.07	<10	<10	44	<10	32	<0.005
SH162533		<20	0.06	<10	<10	47	<10	31	<0.005
SH162534		<20	0.08	<10	<10	54	<10	35	<0.005
SH162535		<20	0.07	<10	<10	50	<10	35	<0.005
SH162536		<20	0.03	<10	<10	63	<10	33	<0.005
SH162537		<20	0.06	<10	<10	46	<10	43	<0.005
SH162538		<20	0.06	<10	<10	53	<10	36	<0.005
SH162539		<20	0.06	<10	<10	49	<10	36	<0.005
SH162540		<20	0.04	<10	<10	41	<10	24	<0.005
SH162541		<20	0.02	<10	<10	118	<10	49	<0.005
SH162542		<20	0.05	<10	<10	55	<10	38	0.022
SH162543		<20	0.06	<10	<10	49	<10	39	<0.005
SH162544		<20	0.08	<10	<10	52	<10	36	<0.005
SH162545		<20	0.07	<10	<10	43	<10	29	<0.005
SH162546		<20	0.07	<10	<10	48	<10	38	<0.005
SH162547		<20	0.21	<10	<10	85	<10	59	<0.005
SH162548		<20	0.10	<10	<10	55	<10	60	<0.005
SH162549		<20	0.08	<10	<10	50	<10	60	<0.005
SH162550		<20	0.17	<10	<10	68	<10	81	<0.005
SH162551		<20	0.10	<10	<10	61	<10	34	<0.005
SH162552		<20	0.06	<10	<10	48	<10	30	<0.005
SH162553		<20	0.06	<10	<10	54	<10	32	<0.005
SH162554		<20	0.08	<10	<10	54	<10	39	<0.005
SH162555		<20	0.05	<10	<10	46	<10	39	<0.005
SH162556		<20	0.06	<10	<10	50	<10	47	<0.005
SH162557		<20	0.06	<10	<10	66	<10	47	<0.005
SH162558		<20	0.07	<10	<10	56	<10	37	0.005
SH162559		<20	0.07	<10	<10	46	<10	41	<0.005
SH162560		<20	0.04	<10	<10	35	<10	36	<0.005
SH162561		<20	0.07	<10	<10	57	<10	42	<0.005
SH162562		<20	0.08	<10	<10	58	<10	33	0.009
SH162563		<20	0.02	<10	<10	17	<10	10	<0.005
SH162564		<20	0.08	<10	<10	58	<10	44	<0.005
SH162565		<20	0.24	<10	<10	133	<10	63	<0.005
SH162566		<20	0.06	<10	<10	61	<10	43	<0.005
SH162567		<20	0.07	<10	<10	49	<10	30	<0.005



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CERTIFICATE OF ANALYSIS VA08104557

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
SH162568		0.60	<0.2	1.50	3	<10	150	<0.5	<2	0.32	<0.5	7	33	24	2.28	10
SH162569		0.54	<0.2	2.21	3	<10	160	0.5	<2	0.42	<0.5	10	39	80	2.93	10
SH162570		0.58	<0.2	1.53	2	<10	230	<0.5	2	0.48	<0.5	8	33	37	2.22	<10
SH162571		0.66	<0.2	1.74	9	<10	130	<0.5	2	0.39	<0.5	9	41	33	2.73	<10
SH162572		0.68	<0.2	1.68	6	<10	170	<0.5	<2	0.64	<0.5	8	31	37	2.43	<10
SH162573		0.54	<0.2	1.45	2	<10	240	<0.5	<2	0.39	<0.5	7	27	15	2.16	<10
SH162574		0.62	<0.2	1.38	4	<10	160	<0.5	<2	0.35	<0.5	5	26	28	2.08	<10
SH162575		0.52	<0.2	1.72	5	<10	190	0.5	<2	0.35	<0.5	8	38	16	2.71	10
SH162576		0.52	<0.2	1.35	4	<10	150	<0.5	2	0.31	<0.5	7	29	19	2.19	<10
SH162577		0.54	<0.2	0.92	4	<10	180	<0.5	<2	1.37	<0.5	5	16	27	1.61	<10
SH162601		0.18	<0.2	0.80	2	<10	110	<0.5	<2	0.46	<0.5	3	12	16	1.10	<10
SH162602		0.34	<0.2	1.41	3	<10	140	<0.5	<2	0.41	<0.5	7	21	15	2.14	10
SH162603		0.34	<0.2	2.31	14	<10	210	0.5	2	0.70	<0.5	12	36	35	2.95	10
SH162604		0.42	<0.2	1.54	11	<10	190	0.5	<2	1.89	<0.5	17	19	53	4.89	<10
SH162605		0.64	<0.2	2.92	5	<10	280	0.5	<2	0.83	<0.5	13	24	33	3.50	10
SH162606		0.48	<0.2	1.16	8	<10	120	<0.5	<2	0.45	<0.5	8	27	23	2.48	<10
SH162607		0.68	<0.2	2.55	5	<10	180	<0.5	<2	0.77	<0.5	12	41	53	3.04	10
SH162608		0.50	<0.2	1.36	<2	<10	170	<0.5	2	0.74	<0.5	7	28	31	2.24	<10
SH162609		0.54	<0.2	1.56	5	<10	150	<0.5	2	0.87	<0.5	9	33	44	2.59	10
SH162610		0.50	<0.2	1.27	5	<10	160	<0.5	<2	1.02	<0.5	7	25	29	1.97	<10
SH162611		0.32	<0.2	1.45	5	<10	210	<0.5	<2	1.15	<0.5	9	29	48	2.13	<10
SH162612		0.50	<0.2	1.00	3	<10	100	<0.5	<2	0.63	<0.5	6	23	25	1.82	<10
SH162613		0.68	<0.2	2.42	7	<10	250	0.7	<2	0.48	<0.5	13	37	22	3.93	10
SH162614		0.56	0.2	2.12	9	<10	510	1.0	<2	0.39	<0.5	16	49	19	3.73	10
SH162615		0.60	<0.2	1.58	6	<10	290	<0.5	<2	0.38	<0.5	10	29	17	2.96	10
SH162616		0.40	<0.2	1.44	11	<10	330	0.5	<2	0.43	<0.5	11	31	52	2.97	<10
SH162617		0.50	<0.2	1.46	13	<10	320	0.6	<2	0.25	<0.5	11	33	18	2.86	<10
SH162618		0.56	<0.2	1.53	6	<10	360	0.6	<2	0.35	<0.5	11	50	14	2.88	10
SH162619		0.50	0.2	1.28	7	<10	360	<0.5	<2	0.31	<0.5	9	36	13	2.42	10
SH162620		0.54	<0.2	1.50	6	<10	580	0.6	<2	0.45	<0.5	11	32	13	2.75	10
SH162621		0.42	<0.2	1.46	9	<10	530	0.6	<2	0.46	<0.5	10	30	13	2.79	10
SH162622		0.42	0.2	1.30	9	<10	540	0.6	2	0.60	0.5	10	27	19	2.59	<10
SH162623		0.40	<0.2	1.49	5	<10	550	0.5	<2	0.40	<0.5	10	33	11	2.69	10
SH162624		0.44	<0.2	1.58	5	<10	580	0.7	<2	0.50	0.5	14	34	18	2.97	10
SH162625		0.44	<0.2	1.51	9	<10	540	0.5	<2	0.36	<0.5	8	32	9	2.73	<10
SH162626		0.48	<0.2	1.40	8	<10	470	0.5	<2	0.41	<0.5	9	31	7	2.69	<10
SH162627		0.40	<0.2	1.32	9	<10	570	0.5	<2	0.43	<0.5	10	29	15	2.68	<10
SH162651		0.48	<0.2	1.29	12	<10	300	0.6	<2	0.26	<0.5	10	34	16	2.67	<10
SH162652		0.44	<0.2	1.16	8	<10	280	<0.5	<2	0.49	<0.5	7	25	15	2.21	<10
SH162653		0.46	0.2	1.85	10	<10	700	0.9	2	0.40	<0.5	15	44	10	3.53	10



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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
LOR		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
SH162568		1	0.06	10	0.41	203	1	0.02	16	250	4	<0.01	<2	3	21
SH162569		<1	0.06	10	0.72	321	1	0.01	25	370	4	<0.01	<2	6	22
SH162570		<1	0.06	10	0.44	439	1	0.02	20	380	5	<0.01	<2	3	32
SH162571		1	0.10	10	0.56	236	1	0.02	23	350	4	<0.01	<2	6	33
SH162572		<1	0.05	10	0.48	259	<1	0.02	18	270	5	<0.01	<2	6	35
SH162573		<1	0.06	10	0.35	271	<1	0.02	14	480	5	<0.01	<2	3	25
SH162574		<1	0.07	10	0.35	180	1	0.03	13	190	4	<0.01	<2	3	24
SH162575		<1	0.13	10	0.45	219	1	0.02	19	260	7	<0.01	<2	6	23
SH162576		<1	0.10	10	0.38	182	1	0.02	16	270	6	<0.01	<2	4	23
SH162577		<1	0.04	10	0.35	973	1	0.05	13	510	3	0.03	<2	2	86
SH162601		<1	0.07	<10	0.19	226	1	0.05	7	240	2	<0.01	<2	2	25
SH162602		<1	0.09	10	0.33	433	1	0.02	11	450	4	<0.01	<2	3	24
SH162603		1	0.11	10	0.62	653	1	0.02	23	610	7	0.01	<2	8	41
SH162604		<1	0.15	10	0.41	1200	1	0.01	18	750	4	0.04	2	19	54
SH162605		<1	0.16	10	0.86	1040	1	0.01	15	540	2	0.02	<2	10	35
SH162606		<1	0.16	10	0.46	310	1	0.02	18	760	5	<0.01	<2	5	35
SH162607		<1	0.15	10	0.78	587	1	0.02	29	360	4	<0.01	<2	9	39
SH162608		<1	0.09	10	0.47	320	1	0.02	18	410	5	<0.01	<2	5	45
SH162609		<1	0.07	10	0.69	352	1	0.02	23	670	4	<0.01	<2	7	47
SH162610		1	0.05	10	0.50	278	1	0.03	19	560	4	0.01	<2	4	50
SH162611		<1	0.05	10	0.51	339	1	0.02	24	630	4	0.02	<2	4	52
SH162612		<1	0.03	10	0.48	241	1	0.04	18	410	2	<0.01	<2	4	33
SH162613		<1	0.06	10	0.74	481	1	0.01	23	1270	5	<0.01	<2	7	35
SH162614		<1	0.09	20	0.54	520	1	0.01	49	760	10	<0.01	<2	6	30
SH162615		<1	0.13	10	0.46	412	4	0.01	19	240	6	<0.01	<2	5	28
SH162616		<1	0.11	10	0.57	336	3	0.01	34	920	8	<0.01	<2	4	32
SH162617		<1	0.10	10	0.49	234	1	<0.01	29	280	8	<0.01	<2	5	20
SH162618		<1	0.13	10	0.46	345	1	<0.01	31	1190	7	<0.01	<2	4	25
SH162619		<1	0.06	10	0.41	637	2	<0.01	25	380	8	<0.01	<2	3	23
SH162620		<1	0.05	10	0.41	843	1	0.01	26	470	9	<0.01	<2	4	35
SH162621		<1	0.05	10	0.41	616	2	0.01	23	530	10	<0.01	<2	4	36
SH162622		<1	0.06	10	0.42	613	1	0.01	24	720	9	<0.01	2	4	42
SH162623		<1	0.05	10	0.40	711	2	0.01	22	490	8	<0.01	<2	3	33
SH162624		<1	0.04	10	0.42	1140	1	0.01	32	630	8	<0.01	<2	4	37
SH162625		<1	0.04	10	0.42	317	2	<0.01	24	450	11	<0.01	<2	3	27
SH162626		<1	0.08	10	0.40	557	1	<0.01	21	560	10	<0.01	<2	3	31
SH162627		1	0.08	10	0.41	856	1	0.01	25	760	9	<0.01	<2	4	35
SH162651		1	0.09	10	0.38	254	1	<0.01	29	570	9	<0.01	<2	4	19
SH162652		<1	0.07	10	0.44	297	1	0.01	20	770	7	<0.01	<2	4	39
SH162653		<1	0.08	10	0.55	934	1	0.01	42	1240	9	<0.01	<2	5	35



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA23
		Th	Ti	Ti	U	V	W	Zn	Au
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	ppm 0.005
SH162568		<20	0.07	<10	<10	58	<10	39	<0.005
SH162569		<20	0.11	<10	<10	68	<10	43	0.028
SH162570		<20	0.07	<10	<10	52	<10	34	<0.005
SH162571		<20	0.07	<10	<10	67	<10	43	<0.005
SH162572		<20	0.08	<10	<10	58	<10	39	<0.005
SH162573		<20	0.07	<10	<10	51	<10	39	<0.005
SH162574		<20	0.07	<10	<10	53	<10	25	<0.005
SH162575		<20	0.10	<10	<10	60	<10	47	<0.005
SH162576		<20	0.08	<10	<10	53	<10	34	<0.005
SH162577		<20	0.04	<10	<10	36	<10	22	<0.005
SH162601		<20	0.05	<10	<10	24	<10	15	<0.005
SH162602		<20	0.07	<10	<10	53	<10	32	<0.005
SH162603		<20	0.09	<10	<10	71	<10	71	<0.005
SH162604		<20	0.03	<10	<10	130	<10	87	0.006
SH162605		<20	0.03	<10	<10	85	<10	63	0.006
SH162606		<20	0.08	<10	<10	59	<10	40	<0.005
SH162607		<20	0.13	<10	<10	85	<10	57	<0.005
SH162608		<20	0.07	<10	<10	55	<10	40	<0.005
SH162609		<20	0.09	<10	<10	68	<10	45	0.007
SH162610		<20	0.07	<10	<10	48	<10	44	<0.005
SH162611		<20	0.07	<10	<10	53	<10	36	0.007
SH162612		<20	0.07	<10	<10	52	<10	27	<0.005
SH162613		<20	0.19	<10	<10	104	<10	81	<0.005
SH162614		<20	0.29	<10	<10	80	<10	103	<0.005
SH162615		<20	0.11	<10	<10	68	<10	40	<0.005
SH162616		<20	0.15	<10	<10	63	<10	82	0.005
SH162617		<20	0.12	<10	<10	59	<10	53	0.005
SH162618		<20	0.18	<10	<10	57	<10	72	<0.005
SH162619		<20	0.09	<10	<10	54	<10	53	<0.005
SH162620		<20	0.11	<10	<10	57	<10	78	0.005
SH162621		<20	0.10	<10	<10	58	<10	65	<0.005
SH162622		<20	0.07	<10	<10	49	<10	70	<0.005
SH162623		<20	0.11	<10	<10	62	<10	62	<0.005
SH162624		<20	0.10	<10	<10	60	<10	101	<0.005
SH162625		<20	0.09	<10	<10	61	<10	64	<0.005
SH162626		<20	0.09	<10	<10	57	<10	65	<0.005
SH162627		<20	0.08	<10	<10	53	<10	68	<0.005
SH162651		<20	0.11	<10	<10	54	<10	50	<0.005
SH162652		<20	0.08	<10	<10	44	<10	55	<0.005
SH162653		<20	0.25	<10	<10	74	<10	121	<0.005



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Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA08104557

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
SH162654		0.60	<0.2	1.69	6	<10	200	0.9	<2	0.37	<0.5	9	28	30	3.10	10
SH162655		0.50	<0.2	1.65	13	<10	430	0.8	<2	0.35	<0.5	11	38	9	3.02	10
SH162656		0.52	<0.2	1.31	10	<10	450	0.6	<2	0.60	<0.5	11	29	17	2.55	<10
SH162657		0.46	<0.2	1.28	8	<10	360	0.5	<2	0.44	<0.5	10	29	17	2.59	<10
SH162658		0.52	<0.2	1.41	9	<10	390	0.6	<2	0.40	<0.5	8	32	13	2.66	<10
SH162659		0.48	<0.2	1.30	10	<10	440	0.5	2	0.41	<0.5	9	29	12	2.58	<10
SH162660		0.64	<0.2	0.76	6	<10	190	<0.5	<2	0.90	<0.5	7	22	12	2.05	<10
SH162661		0.50	<0.2	1.52	10	<10	390	0.7	<2	0.41	<0.5	11	36	14	2.94	10
SH162662		0.48	<0.2	1.51	8	<10	400	0.6	<2	0.33	<0.5	11	37	14	2.85	10
SH162663		0.50	<0.2	1.27	9	<10	250	0.5	<2	0.33	<0.5	10	34	14	2.69	<10
SH162664		0.46	<0.2	1.07	14	<10	280	0.5	<2	0.51	<0.5	9	29	18	2.57	<10
SH162665		0.48	<0.2	1.42	9	<10	510	0.7	<2	1.71	<0.5	9	19	49	2.41	<10
SH164625		0.38	1.5	1.05	2	<10	80	0.5	2	0.74	<0.5	2	10	39	1.15	<10
SH164626		0.44	0.7	2.19	37	<10	110	0.7	2	0.96	0.7	13	40	104	3.24	10
SH164627		0.70	0.7	1.27	68	<10	60	<0.5	7	0.45	0.5	6	41	37	2.31	10
SH164628		0.24	0.5	1.15	16	<10	90	<0.5	3	0.38	1.0	5	28	41	1.58	<10
SH164629		0.22	0.3	1.52	35	<10	120	<0.5	3	0.56	1.7	9	35	39	2.63	10
SH164630		0.50	<0.2	2.06	8	<10	180	<0.5	<2	0.57	<0.5	12	59	40	3.25	10
SH164631		0.42	<0.2	2.40	8	<10	200	<0.5	<2	0.48	<0.5	12	73	34	3.05	10
SH164632		0.38	<0.2	3.11	8	<10	200	<0.5	<2	1.16	<0.5	15	44	68	3.35	10
SH164633		0.48	<0.2	2.48	9	<10	210	<0.5	<2	0.58	<0.5	18	103	44	3.57	10
SH164634		0.42	<0.2	3.10	15	<10	160	<0.5	<2	1.35	<0.5	20	84	70	3.53	10
SH164635		0.40	<0.2	1.10	5	<10	140	<0.5	<2	0.32	<0.5	7	29	10	1.93	<10
SH164636		0.42	<0.2	1.49	9	<10	120	<0.5	<2	0.39	<0.5	7	38	17	2.51	10
SH164637		0.28	<0.2	1.71	6	<10	230	<0.5	<2	0.43	<0.5	6	32	27	2.42	10
SH164638		0.38	<0.2	2.54	3	<10	180	<0.5	<2	0.57	<0.5	11	26	41	3.50	10
SH164639		0.42	<0.2	1.82	11	<10	280	0.5	<2	0.49	<0.5	12	34	42	3.30	10
SH164640		0.40	<0.2	0.88	2	<10	210	<0.5	<2	0.29	<0.5	6	21	22	1.59	<10
SH164641		0.34	<0.2	1.06	3	<10	160	<0.5	<2	0.36	<0.5	7	24	23	1.92	<10
SH164642		0.24	<0.2	1.13	4	<10	210	<0.5	<2	0.35	<0.5	8	20	29	1.74	<10
SH164643		0.40	<0.2	1.48	125	<10	70	<0.5	<2	0.42	<0.5	11	22	92	4.25	10
SH164644		0.42	<0.2	1.05	4	<10	120	<0.5	<2	0.27	<0.5	5	23	16	1.71	<10
SH164645		0.40	<0.2	1.05	6	<10	150	<0.5	<2	0.30	<0.5	7	26	14	1.85	<10
SH164646		0.38	<0.2	1.36	8	<10	180	<0.5	<2	0.42	<0.5	7	32	14	2.24	10
SH164647		0.34	<0.2	1.31	6	<10	120	<0.5	<2	0.78	<0.5	7	21	30	2.47	<10
SH164648		Not Recvd														
SH164649		0.50	<0.2	1.35	7	<10	120	<0.5	<2	0.30	<0.5	6	26	19	1.97	<10
SH164650		0.64	<0.2	1.40	6	<10	210	<0.5	<2	0.39	<0.5	7	29	13	2.17	<10
TH162738		0.94	0.2	1.21	128	<10	110	0.7	3	0.60	2.2	11	56	80	2.81	<10
TH162739		0.58	<0.2	1.63	47	<10	180	0.5	<2	0.64	<0.5	11	36	48	2.68	10



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Project: Sonora

CERTIFICATE OF ANALYSIS VA08104557

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
SH162654		<1	0.14	10	0.43	434	2	0.01	17	860	7	<0.01	<2	5	30
SH162655		1	0.06	10	0.43	463	1	0.01	26	520	9	<0.01	<2	5	32
SH162656		<1	0.05	10	0.50	856	1	0.01	28	790	7	<0.01	2	4	50
SH162657		<1	0.06	10	0.42	433	1	0.01	24	600	8	<0.01	<2	4	35
SH162658		<1	0.04	10	0.43	295	1	0.01	22	470	9	<0.01	<2	4	30
SH162659		1	0.06	10	0.42	505	1	0.01	24	580	8	<0.01	<2	4	30
SH162660		<1	0.04	10	0.41	334	1	0.01	17	830	4	0.02	<2	2	60
SH162661		<1	0.06	20	0.52	365	1	0.01	32	550	9	<0.01	<2	5	33
SH162662		<1	0.07	10	0.40	443	1	0.01	29	580	9	<0.01	<2	4	27
SH162663		<1	0.08	10	0.40	296	1	0.01	25	330	8	<0.01	<2	5	23
SH162664		<1	0.12	10	0.52	322	1	0.01	29	410	11	<0.01	<2	4	39
SH162665		1	0.11	10	0.65	1060	3	0.01	19	740	12	0.01	2	3	231
SH164625		1	0.02	20	0.10	75	2	0.01	8	750	8	0.11	<2	2	35
SH164626		<1	0.06	10	0.78	246	14	0.02	26	630	25	0.07	<2	4	36
SH164627		<1	0.07	10	0.60	191	4	0.01	17	540	16	0.03	<2	3	23
SH164628		<1	0.04	10	0.39	112	3	0.01	15	500	11	0.04	<2	2	24
SH164629		1	0.06	10	0.62	287	3	0.02	20	420	13	0.03	<2	3	29
SH164630		<1	0.14	10	0.69	429	1	0.01	34	250	5	<0.01	<2	10	38
SH164631		<1	0.10	10	0.76	435	1	0.02	40	230	4	<0.01	<2	11	26
SH164632		1	0.14	10	1.12	866	1	0.02	28	470	3	0.02	2	12	53
SH164633		<1	0.11	10	0.89	910	<1	0.02	57	190	4	<0.01	<2	12	30
SH164634		1	0.08	10	1.49	641	<1	0.03	61	320	2	<0.01	<2	12	94
SH164635		<1	0.10	10	0.41	215	<1	0.02	14	290	4	<0.01	<2	4	22
SH164636		<1	0.14	10	0.39	228	<1	0.02	17	500	4	<0.01	<2	6	22
SH164637		1	0.06	10	0.35	197	<1	0.03	11	220	4	0.01	<2	4	24
SH164638		<1	0.10	10	0.68	539	<1	0.02	12	180	2	0.01	<2	11	27
SH164639		2	0.11	10	0.58	619	<1	0.02	20	300	4	0.01	<2	10	28
SH164640		<1	0.06	10	0.28	372	<1	0.03	11	370	4	0.01	<2	2	18
SH164641		1	0.08	10	0.35	358	<1	0.02	12	330	3	0.01	<2	3	21
SH164642		<1	0.06	10	0.28	1185	<1	0.02	10	270	4	<0.01	<2	3	23
SH164643		<1	0.04	10	0.27	354	<1	0.04	12	200	2	0.01	<2	18	23
SH164644		<1	0.05	10	0.32	139	<1	0.02	12	130	4	<0.01	<2	2	18
SH164645		<1	0.09	10	0.37	274	<1	0.02	13	150	4	<0.01	<2	3	19
SH164646		<1	0.07	10	0.46	208	<1	0.02	15	310	6	<0.01	<2	4	23
SH164647		1	0.06	10	0.59	296	<1	0.02	12	670	2	0.01	<2	5	34
SH164648															
SH164649		<1	0.04	10	0.40	341	<1	0.03	12	120	3	<0.01	<2	3	20
SH164650		<1	0.06	10	0.42	273	<1	0.03	13	230	5	<0.01	<2	4	22
TH162738		<1	0.10	20	0.60	290	3	0.03	39	770	53	0.08	5	4	39
TH162739		<1	0.08	20	0.59	347	<1	0.03	24	680	17	0.04	<2	5	39



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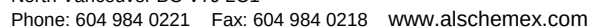
Finalized Date: 23-AUG-2008

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Project: Sonora

CERTIFICATE OF ANALYSIS VA08104557

Sample Description	Method Analyte Units LOR	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Ti ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Au-AA23 Au ppm 0.005
SH162654		<20	0.12	<10	<10	68	<10	62	<0.005
SH162655		<20	0.16	<10	<10	65	<10	67	<0.005
SH162656		<20	0.09	<10	<10	52	<10	69	<0.005
SH162657		<20	0.09	<10	<10	53	<10	59	<0.005
SH162658		<20	0.10	<10	<10	57	<10	53	<0.005
SH162659		<20	0.09	<10	<10	51	<10	58	<0.005
SH162660		<20	0.06	<10	<10	46	<10	47	0.008
SH162661		<20	0.15	<10	<10	61	<10	54	<0.005
SH162662		<20	0.15	<10	<10	63	<10	51	0.006
SH162663		<20	0.12	<10	<10	57	<10	46	<0.005
SH162664		<20	0.09	<10	<10	48	<10	54	<0.005
SH162665		<20	0.05	<10	<10	49	<10	69	0.010
SH164625		<20	0.02	<10	<10	14	<10	16	0.019
SH164626		<20	0.06	<10	<10	49	<10	67	0.019
SH164627		<20	0.07	<10	<10	52	<10	171	0.026
SH164628		<20	0.04	<10	<10	27	<10	71	0.026
SH164629		<20	0.08	<10	<10	60	<10	135	0.010
SH164630		<20	0.08	<10	<10	88	<10	42	<0.005
SH164631		<20	0.11	<10	<10	79	<10	50	<0.005
SH164632		<20	0.09	<10	<10	90	<10	72	<0.005
SH164633		<20	0.15	<10	<10	93	<10	67	<0.005
SH164634		<20	0.19	<10	<10	99	<10	62	0.006
SH164635		<20	0.08	<10	<10	46	<10	28	<0.005
SH164636		<20	0.09	<10	<10	54	<10	29	<0.005
SH164637		<20	0.07	<10	<10	62	<10	25	<0.005
SH164638		<20	0.07	<10	<10	98	<10	40	<0.005
SH164639		<20	0.07	<10	<10	85	<10	53	<0.005
SH164640		<20	0.07	<10	<10	39	<10	27	<0.005
SH164641		<20	0.07	<10	<10	44	<10	30	<0.005
SH164642		<20	0.06	<10	<10	41	<10	32	<0.005
SH164643		<20	0.02	<10	<10	103	<10	47	<0.005
SH164644		<20	0.06	<10	<10	43	<10	24	<0.005
SH164645		<20	0.08	<10	<10	43	<10	35	<0.005
SH164646		<20	0.08	<10	<10	49	<10	37	<0.005
SH164647		<20	0.09	<10	<10	68	<10	36	<0.005
SH164648									
SH164649		<20	0.07	<10	<10	53	<10	29	<0.005
SH164650		<20	0.09	<10	<10	53	<10	33	<0.005
TH162738		<20	0.06	<10	<10	43	<10	151	0.061
TH162739		<20	0.08	<10	<10	51	<10	67	0.013



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Page: 1

Finalized Date: 8-SEP-2008

This copy reported on 12-JAN-2009

Account: NOTIRE

CERTIFICATE VA08110649

Project: Sonora

P.O. No.:

This report is for 113 Soil samples submitted to our lab in Vancouver, BC, Canada on 6-AUG-2008.

The following have access to data associated with this certificate:

GREG HAYES

CARL SCHULZE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: NORTHERN TIGER RESOURCES
ATTN: CARL SCHULZE
35 DAWSON RD.
WHITEHORSE YT Y1A 5T6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS VA08110649

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
SH162578		0.43	0.010	<0.2	1.08	8	<10	320	<0.5	2	0.69	<0.5	8	27	21	2.30
SH162579		0.54	<0.005	<0.2	1.39	10	<10	390	0.6	<2	0.52	<0.5	11	32	18	2.69
SH162580		0.52	<0.005	<0.2	1.19	7	<10	310	0.5	3	0.65	<0.5	8	28	24	2.40
SH162581		0.42	<0.005	<0.2	1.10	8	<10	240	<0.5	<2	0.24	<0.5	6	29	7	2.18
SH162582		0.49	<0.005	<0.2	1.30	9	<10	350	<0.5	<2	0.45	<0.5	8	30	17	2.36
SH162583		0.43	<0.005	<0.2	1.48	10	<10	330	0.5	2	0.42	<0.5	8	34	13	2.61
SH162584		0.44	<0.005	<0.2	1.41	8	<10	420	0.6	<2	0.44	<0.5	8	36	10	2.53
SH162585		0.44	<0.005	<0.2	1.00	9	<10	180	<0.5	<2	0.49	<0.5	7	24	19	2.56
SH162586		0.34	<0.005	<0.2	1.15	8	<10	290	0.5	2	0.45	<0.5	8	26	11	2.25
SH162587		0.31	<0.005	<0.2	1.09	7	<10	290	<0.5	2	0.64	<0.5	7	24	15	2.19
SH162588		0.45	<0.005	<0.2	0.99	9	<10	220	<0.5	<2	0.62	<0.5	8	23	14	2.24
SH162589		0.57	0.076	3.6	1.86	481	<10	180	0.8	3	0.20	0.8	9	47	232	4.81
SH162590		0.57	0.099	3.0	1.99	454	<10	150	0.8	5	0.26	1.8	14	72	188	5.64
SH162591		0.28	0.159	1.3	1.07	309	<10	160	1.6	3	0.15	2.5	16	21	210	4.84
SH162592		0.27	0.027	0.5	0.31	9	<10	160	<0.5	2	0.60	1.4	2	9	34	0.49
SH162593		0.54	0.032	0.3	1.72	64	<10	110	<0.5	3	0.17	0.6	6	25	42	2.93
SH162594		0.79	0.095	1.7	2.02	439	<10	250	1.5	10	1.09	3.7	37	439	81	5.01
SH162595		0.40	0.005	0.2	1.26	81	<10	190	<0.5	3	0.43	0.9	50	287	18	3.16
SH162596		0.67	0.047	2.1	1.52	279	<10	100	1.1	3	0.95	0.9	69	768	55	4.46
SH162597		0.59	0.022	0.9	1.13	212	<10	130	1.1	2	0.90	<0.5	37	414	35	3.35
SH162598		0.49	0.013	0.3	1.34	64	<10	180	<0.5	2	1.20	<0.5	12	65	29	2.34
SH162599		0.65	0.008	0.2	1.56	42	<10	120	<0.5	<2	0.31	<0.5	6	36	24	2.21
SH162600		0.54	0.011	<0.2	1.48	33	<10	160	<0.5	<2	0.45	<0.5	8	34	32	2.17
SH162628		0.75	<0.005	<0.2	2.47	3	<10	270	<0.5	<2	0.85	<0.5	14	27	24	3.26
SH162629		1.17	<0.005	0.3	1.25	2	<10	120	<0.5	<2	0.46	<0.5	8	21	12	2.29
SH162630		1.06	<0.005	<0.2	1.27	2	<10	120	<0.5	<2	0.53	<0.5	8	22	9	2.10
SH162631		0.60	<0.005	<0.2	1.49	4	<10	160	<0.5	2	1.04	<0.5	8	25	19	2.34
SH162632		0.50	<0.005	0.3	1.82	4	<10	290	0.5	2	1.26	<0.5	28	24	39	3.04
SH162633		0.48	<0.005	<0.2	1.50	4	<10	140	<0.5	2	0.36	<0.5	7	20	9	2.88
SH162634		0.58	<0.005	<0.2	1.53	6	<10	130	<0.5	2	0.30	<0.5	6	24	8	2.44
SH162635		0.68	<0.005	<0.2	1.95	4	<10	200	<0.5	2	0.39	<0.5	9	36	10	2.74
SH162636		0.79	<0.005	<0.2	1.87	3	<10	210	<0.5	2	0.43	<0.5	9	31	9	2.82
SH162637		0.91	<0.005	<0.2	0.86	<2	<10	100	<0.5	2	0.56	<0.5	6	20	6	1.82
SH162638		0.47	<0.005	<0.2	0.92	3	<10	160	<0.5	<2	0.61	<0.5	7	25	12	1.76
SH162639		0.56	0.015	<0.2	0.81	7	<10	140	<0.5	2	0.56	<0.5	7	23	13	2.15
SH162640		0.53	<0.005	<0.2	1.56	7	<10	360	0.5	<2	0.42	<0.5	10	35	11	2.63
SH162641		0.55	<0.005	<0.2	1.56	18	<10	280	<0.5	<2	0.39	<0.5	8	35	76	3.14
SH162642		0.53	<0.005	<0.2	1.17	5	<10	150	<0.5	<2	0.29	<0.5	7	28	16	2.17
SH162643		0.49	<0.005	<0.2	1.31	6	<10	360	<0.5	<2	0.53	<0.5	7	28	13	2.21
SH162644		0.53	<0.005	<0.2	1.10	5	<10	290	<0.5	2	0.63	<0.5	8	30	18	2.07



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CERTIFICATE OF ANALYSIS VA08110649

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
SH162578		<10	<1	0.04	10	0.50	455	<1	0.03	23	940	7	0.01	<2	3
SH162579		<10	<1	0.04	10	0.50	395	<1	0.02	29	730	7	<0.01	2	4
SH162580		<10	<1	0.04	10	0.50	309	<1	0.03	23	790	6	0.01	2	4
SH162581		<10	<1	0.04	10	0.36	298	<1	0.02	16	270	7	0.01	2	2
SH162582		<10	<1	0.03	10	0.42	199	<1	0.02	25	540	8	0.01	<2	3
SH162583		<10	<1	0.04	10	0.45	224	<1	0.02	26	530	8	<0.01	2	4
SH162584		<10	<1	0.03	10	0.42	322	<1	0.02	23	490	8	<0.01	2	4
SH162585		<10	<1	0.04	10	0.40	198	<1	0.02	15	640	5	0.01	2	4
SH162586		<10	<1	0.03	10	0.44	301	<1	0.02	20	610	6	<0.01	<2	4
SH162587		<10	<1	0.03	10	0.43	266	<1	0.02	17	690	6	0.01	2	4
SH162588		<10	<1	0.05	10	0.44	302	<1	0.03	17	710	6	0.01	<2	4
SH162589		10	<1	0.20	30	0.51	115	15	0.02	29	410	270	0.20	6	5
SH162590		10	<1	0.24	20	0.74	239	32	0.02	55	500	107	0.15	5	6
SH162591		<10	<1	0.15	50	0.26	191	25	0.02	25	450	59	0.21	7	3
SH162592		<10	<1	0.02	10	0.05	34	5	0.02	9	550	2	0.13	<2	1
SH162593		10	<1	0.06	10	0.34	103	8	0.01	10	330	13	0.03	2	3
SH162594		<10	<1	0.18	20	1.68	668	<1	0.03	307	270	129	0.08	14	16
SH162595		<10	<1	0.05	10	1.72	930	<1	0.02	277	290	28	0.03	7	4
SH162596		<10	<1	0.07	10	4.54	695	<1	0.02	886	280	48	0.05	13	9
SH162597		<10	<1	0.08	10	1.45	454	1	0.02	459	480	29	0.05	10	6
SH162598		<10	<1	0.08	10	0.77	394	<1	0.03	56	550	20	0.09	3	4
SH162599		<10	<1	0.06	10	0.52	149	1	0.02	19	480	22	0.03	3	3
SH162600		<10	<1	0.06	10	0.54	249	1	0.02	20	540	22	0.03	5	4
SH162628		10	<1	0.28	10	1.12	458	<1	0.02	17	890	4	0.02	2	4
SH162629		<10	<1	0.14	10	0.61	221	<1	0.02	12	730	4	0.01	2	3
SH162630		<10	<1	0.09	10	0.63	229	<1	0.02	11	730	4	0.01	2	3
SH162631		<10	<1	0.05	10	0.53	227	<1	0.02	16	530	6	0.03	2	4
SH162632		<10	<1	0.03	20	0.74	3350	<1	0.02	19	870	6	0.05	<2	5
SH162633		10	<1	0.15	10	0.63	262	<1	0.01	10	930	5	0.01	<2	3
SH162634		10	<1	0.07	10	0.53	171	<1	0.01	11	460	5	0.01	<2	2
SH162635		10	<1	0.08	20	0.68	269	<1	0.01	15	380	4	<0.01	2	4
SH162636		10	<1	0.08	10	0.76	281	<1	0.02	16	600	4	<0.01	<2	3
SH162637		<10	<1	0.06	10	0.46	230	<1	0.02	16	1170	<2	<0.01	<2	3
SH162638		<10	<1	0.04	10	0.36	282	<1	0.02	16	690	4	0.02	<2	3
SH162639		<10	<1	0.05	10	0.42	287	<1	0.02	16	780	4	0.01	2	3
SH162640		<10	<1	0.04	10	0.41	608	<1	0.02	22	270	7	<0.01	<2	4
SH162641		<10	<1	0.04	10	0.45	284	1	0.02	26	250	8	<0.01	2	7
SH162642		<10	<1	0.04	10	0.37	167	<1	0.01	18	340	6	<0.01	2	3
SH162643		10	<1	0.03	10	0.43	272	<1	0.02	19	530	6	0.01	2	4
SH162644		10	<1	0.03	10	0.45	331	<1	0.02	21	710	5	0.01	2	3



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CERTIFICATE OF ANALYSIS VA08110649

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Te	Th	Ti	Tl	U	V	W	Zn
		ppm 10	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
SH162578		<10	<20	0.07	<10	<10	44	<10	55
SH162579		<10	<20	0.10	<10	<10	54	<10	61
SH162580		<10	<20	0.08	<10	<10	49	<10	39
SH162581		<10	<20	0.10	<10	<10	49	<10	34
SH162582		<10	<20	0.07	<10	<10	51	<10	54
SH162583		<10	<20	0.10	<10	<10	55	<10	45
SH162584		<10	<20	0.11	<10	<10	58	<10	54
SH162585		<10	<20	0.06	<10	<10	52	<10	32
SH162586		<10	<20	0.07	<10	<10	46	<10	34
SH162587		<10	<20	0.06	<10	<10	48	<10	39
SH162588		<10	<20	0.06	<10	<10	47	<10	36
SH162589		<10	<20	0.07	<10	<10	57	<10	110
SH162590		<10	<20	0.08	<10	<10	69	<10	219
SH162591		<10	30	0.03	<10	<10	29	<10	105
SH162592		<10	<20	0.01	<10	<10	3	<10	4
SH162593		<10	<20	0.06	<10	<10	62	<10	61
SH162594		<10	<20	0.03	<10	<10	63	<10	371
SH162595		<10	<20	0.05	<10	<10	43	<10	75
SH162596		<10	<20	0.03	<10	<10	43	<10	124
SH162597		<10	<20	0.02	<10	<10	34	<10	73
SH162598		<10	<20	0.06	<10	<10	42	<10	72
SH162599		<10	<20	0.07	<10	<10	52	<10	55
SH162600		<10	<20	0.08	<10	<10	50	<10	60
SH162628		<10	<20	0.23	<10	<10	82	<10	51
SH162629		<10	<20	0.13	<10	<10	55	<10	37
SH162630		<10	<20	0.13	<10	<10	51	<10	31
SH162631		<10	<20	0.06	<10	<10	51	<10	34
SH162632		<10	<20	0.09	<10	<10	61	<10	38
SH162633		<10	<20	0.17	<10	<10	78	<10	30
SH162634		<10	<20	0.13	<10	<10	69	<10	33
SH162635		<10	<20	0.13	<10	<10	69	<10	37
SH162636		<10	<20	0.15	<10	<10	67	<10	39
SH162637		<10	<20	0.08	<10	<10	40	<10	22
SH162638		<10	<20	0.06	<10	<10	43	<10	34
SH162639		<10	<20	0.06	<10	<10	51	<10	31
SH162640		<10	<20	0.12	<10	<10	60	<10	40
SH162641		<10	<20	0.11	<10	<10	70	<10	48
SH162642		<10	<20	0.07	<10	<10	51	<10	26
SH162643		<10	<20	0.07	<10	<10	49	<10	32
SH162644		<10	<20	0.06	<10	<10	46	<10	36



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CERTIFICATE OF ANALYSIS VA08110649

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA24 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
SH162645		0.64	0.005	<0.2	1.39	10	<10	200	<0.5	<2	0.33	<0.5	7	31	20	2.57
SH162646		0.52	<0.005	<0.2	1.32	5	<10	340	0.6	2	0.45	<0.5	7	29	18	2.37
TH162647		0.61	0.047	<0.2	0.75	<2	<10	130	<0.5	<2	0.55	<0.5	7	29	17	2.09
TH162648		0.75	<0.005	<0.2	0.75	2	<10	100	<0.5	<2	0.60	<0.5	5	16	7	1.53
TH162649		0.66	<0.005	<0.2	0.76	<2	<10	110	<0.5	<2	0.59	<0.5	6	13	8	1.52
TH162650		0.80	<0.005	0.3	0.99	6	<10	230	<0.5	<2	0.75	<0.5	8	18	36	2.31
SH162751		0.47	<0.005	<0.2	0.99	5	<10	170	<0.5	<2	0.53	<0.5	6	22	32	2.16
SH162752		0.34	<0.005	<0.2	1.27	7	<10	270	<0.5	<2	1.31	<0.5	10	21	59	2.66
SH162753		0.48	<0.005	<0.2	1.25	5	<10	240	<0.5	<2	0.43	<0.5	8	28	13	2.27
SH162754		0.43	<0.005	<0.2	1.23	6	<10	350	0.5	<2	0.54	<0.5	8	29	20	2.24
SH162802		0.44	0.114	2.4	1.75	156	<10	200	0.6	7	0.32	0.8	9	26	173	3.68
SH162803		0.49	0.145	0.7	1.32	253	<10	70	0.5	4	0.30	<0.5	7	25	128	3.37
SH162804		0.52	0.041	0.9	1.92	148	<10	100	0.6	6	0.26	<0.5	12	31	82	3.47
SH162805		0.49	0.078	0.8	1.43	70	<10	250	0.6	4	0.72	0.7	6	26	60	2.21
SH162806		0.60	0.020	0.4	2.04	178	<10	90	1.2	<2	3.46	0.8	20	157	72	3.94
SH162807		0.68	0.015	0.4	1.31	150	<10	120	1.0	3	0.75	0.6	46	619	33	3.78
SH162808		0.66	0.020	0.3	1.62	70	<10	200	0.5	2	0.49	0.5	13	70	37	2.76
SH162809		0.27	0.011	0.2	1.73	46	<10	150	<0.5	<2	0.46	<0.5	7	35	26	2.63
SH162810		0.84	0.017	0.2	1.62	74	<10	180	<0.5	2	0.51	0.5	10	53	31	2.71
SH162811		0.68	0.047	0.5	1.56	117	<10	230	0.8	2	0.50	0.5	14	89	58	3.04
SH162812		0.59	0.030	0.5	1.39	57	<10	160	<0.5	2	0.52	<0.5	7	46	40	2.23
SH162813		0.75	0.033	0.4	1.71	57	<10	220	0.6	3	0.48	<0.5	9	53	45	2.61
SH162814		0.66	0.072	<0.2	1.71	72	<10	170	0.5	3	0.42	0.5	12	57	27	2.90
SH162901		0.74	0.016	<0.2	1.64	45	<10	170	<0.5	2	0.45	<0.5	10	33	34	2.87
SH162902		0.56	0.014	0.8	1.48	46	<10	150	<0.5	3	0.38	0.5	6	37	30	2.27
SH162903		0.54	0.026	0.2	1.13	46	<10	130	<0.5	3	0.47	<0.5	5	33	27	1.89
SH162904		0.49	0.018	0.3	1.44	67	<10	180	<0.5	3	0.57	0.5	10	39	39	2.97
SH162905		0.77	0.022	0.4	1.89	64	<10	220	0.5	2	0.38	0.8	12	55	44	3.02
SH162906		0.94	0.044	0.7	1.84	103	<10	240	0.6	5	0.46	0.6	15	80	73	3.02
SH162907		0.78	0.013	0.2	1.74	54	<10	230	0.7	2	0.49	<0.5	12	49	49	2.84
SH163501		0.21	0.012	<0.2	0.59	<2	<10	330	<0.5	<2	2.08	<0.5	4	9	32	0.69
SH163502		0.44	<0.005	0.2	1.80	3	<10	210	<0.5	<2	0.80	<0.5	13	26	38	3.08
SH163503		0.39	<0.005	0.2	1.35	4	<10	200	<0.5	<2	0.83	<0.5	8	23	19	2.14
SH163504		0.50	<0.005	<0.2	2.87	5	<10	290	<0.5	<2	1.35	<0.5	14	45	22	3.64
SH163505		0.22	<0.005	0.2	1.15	<2	<10	320	<0.5	2	2.43	<0.5	8	21	30	1.64
SH163506		0.45	<0.005	<0.2	1.71	7	<10	190	<0.5	<2	0.27	<0.5	9	36	9	2.81
SH163507		0.70	<0.005	<0.2	1.60	12	<10	200	<0.5	3	0.27	<0.5	10	36	19	2.77
SH163508		0.56	<0.005	<0.2	1.76	5	<10	180	<0.5	3	0.39	<0.5	11	28	6	2.83
SH163509		0.59	<0.005	<0.2	1.65	6	<10	170	0.5	3	0.40	<0.5	9	33	11	2.77
SH163510		0.49	<0.005	<0.2	1.41	5	<10	190	<0.5	2	0.25	<0.5	8	26	12	2.48



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
SH162645		<10	<1	0.04	10	0.42	187	1	0.02	21	420	6	<0.01	2	3
SH162646		10	<1	0.03	20	0.48	285	1	0.02	23	520	6	<0.01	<2	5
TH162647		<10	<1	0.04	10	0.36	254	<1	0.02	18	790	3	<0.01	<2	3
TH162648		<10	<1	0.05	10	0.39	231	<1	0.02	11	1060	4	<0.01	<2	2
TH162649		<10	<1	0.04	10	0.38	252	<1	0.02	10	850	3	<0.01	2	2
TH162650		<10	<1	0.19	10	0.62	358	2	0.02	17	910	4	<0.01	<2	3
SH162751		<10	<1	0.03	10	0.43	219	<1	0.02	16	670	5	<0.01	2	4
SH162752		<10	<1	0.04	10	0.63	231	1	0.03	21	1090	4	0.01	<2	4
SH162753		10	<1	0.04	10	0.39	232	1	0.02	18	490	5	<0.01	<2	3
SH162754		<10	<1	0.03	10	0.45	228	1	0.02	25	730	5	<0.01	<2	4
SH162802		10	1	0.10	30	0.41	190	25	0.02	15	410	77	0.08	5	5
SH162803		<10	1	0.06	10	0.46	136	21	0.02	13	410	11	0.07	5	3
SH162804		10	<1	0.06	20	0.57	324	7	0.01	16	390	14	0.03	3	4
SH162805		<10	<1	0.05	60	0.37	151	1	0.02	13	490	12	0.05	2	4
SH162806		<10	1	0.18	20	1.36	456	1	0.02	110	600	10	0.02	9	9
SH162807		<10	<1	0.06	10	2.23	428	2	0.02	502	300	27	0.03	5	6
SH162808		10	<1	0.06	10	0.67	308	3	0.02	53	530	27	<0.01	5	4
SH162809		10	<1	0.06	10	0.56	150	3	0.02	20	540	18	<0.01	5	4
SH162810		10	<1	0.07	10	0.54	270	4	0.01	39	490	27	<0.01	6	4
SH162811		<10	<1	0.07	20	0.63	376	4	0.02	75	560	37	<0.01	5	6
SH162812		<10	<1	0.07	10	0.54	182	3	0.02	26	650	28	0.03	3	4
SH162813		<10	<1	0.07	20	0.59	199	2	0.02	36	480	30	<0.01	<2	5
SH162814		10	<1	0.08	10	0.61	266	3	0.02	36	430	23	<0.01	2	4
SH162901		10	<1	0.06	10	0.56	245	3	0.02	22	530	17	<0.01	<2	4
SH162902		10	<1	0.06	10	0.44	176	2	0.02	19	620	23	0.01	3	3
SH162903		<10	<1	0.05	10	0.47	159	3	0.02	19	550	29	0.02	3	3
SH162904		<10	<1	0.06	10	0.52	306	5	0.02	30	670	30	0.04	2	3
SH162905		10	<1	0.07	20	0.61	281	3	0.02	33	470	32	<0.01	5	5
SH162906		<10	<1	0.07	20	0.67	419	5	0.02	59	510	48	<0.01	5	5
SH162907		10	<1	0.08	20	0.61	389	2	0.02	40	540	27	<0.01	2	5
SH163501		<10	<1	0.03	20	0.22	421	3	0.02	9	870	2	0.11	3	1
SH163502		<10	<1	0.09	20	0.73	516	8	0.02	16	1120	2	0.02	3	5
SH163503		<10	<1	0.04	10	0.51	328	3	0.03	15	1050	7	0.02	<2	4
SH163504		10	<1	0.48	20	1.36	511	2	0.02	26	1030	5	0.04	2	6
SH163505		<10	1	0.03	10	0.36	654	1	0.02	18	1120	4	0.10	<2	2
SH163506		<10	<1	0.06	10	0.57	271	2	0.02	20	140	8	<0.01	<2	3
SH163507		<10	<1	0.08	10	0.53	295	1	0.02	25	170	11	0.01	<2	3
SH163508		10	1	0.07	10	0.77	382	<1	0.01	15	140	6	<0.01	<2	4
SH163509		10	<1	0.10	20	0.50	334	<1	0.02	17	150	8	<0.01	<2	5
SH163510		10	<1	0.10	20	0.58	300	<1	0.01	14	200	9	<0.01	<2	3



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CERTIFICATE OF ANALYSIS VA08110649

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Te	Th	Ti	Tl	U	V	W	Zn
		ppm 10	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
SH162645		<10	<20	0.08	<10	<10	57	<10	41
SH162646		<10	<20	0.07	<10	<10	47	<10	42
TH162647		<10	<20	0.06	<10	<10	52	<10	41
TH162648		<10	<20	0.06	<10	<10	33	<10	40
TH162649		<10	<20	0.06	<10	<10	32	<10	31
TH162650		<10	<20	0.07	<10	<10	52	<10	50
SH162751		<10	<20	0.06	<10	<10	45	<10	36
SH162752		<10	<20	0.07	<10	<10	59	<10	64
SH162753		<10	<20	0.07	<10	<10	51	<10	39
SH162754		<10	<20	0.08	<10	<10	46	<10	64
SH162802		<10	<20	0.04	<10	<10	45	<10	76
SH162803		<10	<20	0.04	<10	<10	41	<10	44
SH162804		<10	<20	0.05	<10	<10	54	<10	54
SH162805		<10	<20	0.04	<10	<10	31	<10	45
SH162806		<10	<20	0.04	<10	<10	53	<10	108
SH162807		<10	<20	0.03	<10	<10	40	<10	64
SH162808		<10	<20	0.06	<10	<10	49	<10	95
SH162809		<10	<20	0.08	<10	<10	57	<10	61
SH162810		<10	<20	0.08	<10	<10	49	<10	82
SH162811		<10	<20	0.07	<10	<10	46	<10	101
SH162812		<10	<20	0.07	<10	<10	43	<10	76
SH162813		<10	<20	0.08	<10	<10	46	<10	73
SH162814		<10	<20	0.07	<10	<10	51	<10	71
SH162901		<10	<20	0.08	<10	<10	55	<10	58
SH162902		<10	<20	0.06	<10	<10	45	<10	60
SH162903		<10	<20	0.06	<10	<10	40	<10	63
SH162904		<10	<20	0.06	<10	<10	53	<10	77
SH162905		<10	<20	0.09	<10	<10	56	<10	87
SH162906		<10	<20	0.07	<10	<10	50	<10	106
SH162907		<10	<20	0.08	<10	<10	51	<10	73
SH163501		<10	<20	0.02	<10	<10	13	<10	21
SH163502		<10	<20	0.13	<10	<10	64	<10	50
SH163503		<10	<20	0.08	<10	<10	47	<10	43
SH163504		<10	<20	0.22	<10	<10	85	<10	67
SH163505		<10	<20	0.04	<10	<10	31	<10	28
SH163506		<10	<20	0.09	<10	<10	64	<10	46
SH163507		<10	<20	0.10	<10	<10	61	<10	65
SH163508		<10	<20	0.09	<10	<10	66	<10	47
SH163509		<10	<20	0.07	<10	<10	58	<10	49
SH163510		<10	<20	0.06	<10	<10	46	<10	58



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CERTIFICATE OF ANALYSIS VA08110649

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
SH163511		0.54	<0.005	0.2	1.32	8	<10	180	<0.5	3	0.27	<0.5	7	29	11	2.39
SH163512		0.51	<0.005	<0.2	2.33	8	<10	170	0.5	4	0.32	<0.5	12	36	10	3.81
SH163513		0.43	<0.005	<0.2	1.97	11	<10	200	<0.5	3	0.24	<0.5	7	30	9	3.06
SH163514		0.50	<0.005	<0.2	1.79	4	<10	150	<0.5	3	0.42	<0.5	8	35	10	2.74
SH163515		0.53	<0.005	<0.2	1.68	10	<10	190	<0.5	<2	0.25	<0.5	10	28	10	3.13
SH163516		0.41	<0.005	<0.2	2.05	8	<10	290	0.5	4	0.51	<0.5	12	37	17	3.27
SH163517		0.35	<0.005	<0.2	1.46	7	<10	200	<0.5	3	0.26	<0.5	8	31	10	2.42
SH163518		0.42	<0.005	<0.2	1.51	5	<10	200	<0.5	3	0.39	<0.5	10	31	12	2.71
SH163519		0.66	<0.005	<0.2	1.39	8	<10	170	<0.5	3	0.63	<0.5	10	30	17	2.69
SH163520		0.53	<0.005	<0.2	1.34	4	<10	160	<0.5	2	0.67	<0.5	10	23	15	2.69
SH163521		0.57	<0.005	<0.2	1.36	8	<10	250	<0.5	<2	0.49	<0.5	9	30	23	2.55
SH163522		0.64	<0.005	<0.2	1.46	8	<10	320	<0.5	<2	0.46	<0.5	8	30	17	2.57
SH163523		0.62	<0.005	<0.2	1.50	7	<10	260	<0.5	<2	0.80	<0.5	10	29	15	3.26
SH163524		0.50	<0.005	<0.2	1.29	7	<10	260	<0.5	2	0.58	<0.5	9	29	16	2.72
SH163525		0.38	<0.005	<0.2	0.82	4	<10	110	<0.5	2	0.50	<0.5	6	18	8	1.85
SH163526		0.54	<0.005	<0.2	1.15	8	<10	200	<0.5	<2	0.46	<0.5	6	26	9	1.97
SH163527		0.39	<0.005	<0.2	1.28	8	<10	280	<0.5	<2	0.51	<0.5	7	31	17	2.28
SH163528		0.52	0.006	<0.2	1.29	8	<10	310	0.5	2	0.52	<0.5	8	31	18	2.25
SH163529		0.40	<0.005	<0.2	1.66	8	<10	360	0.6	<2	0.53	<0.5	11	39	31	2.85
SH163530		0.44	<0.005	<0.2	1.10	7	<10	250	<0.5	<2	0.62	<0.5	9	29	15	2.28
SH163531		0.54	<0.005	<0.2	1.22	8	<10	240	<0.5	4	0.56	<0.5	8	30	14	2.24
SH163532		0.58	0.009	<0.2	1.32	10	<10	280	<0.5	<2	0.53	<0.5	8	32	15	2.42
SH163533		0.48	<0.005	<0.2	1.35	11	<10	310	0.6	3	0.53	<0.5	10	35	18	2.55
SH163534		0.65	<0.005	<0.2	1.34	11	<10	330	<0.5	<2	0.56	<0.5	7	31	14	2.38
SH163535		0.43	<0.005	<0.2	1.05	9	<10	290	<0.5	<2	0.57	<0.5	8	24	12	2.25
SH163536		0.49	<0.005	<0.2	1.29	14	<10	320	0.6	2	0.40	<0.5	10	34	12	2.69
SH163537		0.52	<0.005	<0.2	1.30	11	<10	160	0.5	2	0.36	<0.5	10	36	20	2.67
SH163538		0.45	<0.005	<0.2	1.34	12	<10	240	0.6	<2	0.35	<0.5	10	38	15	2.80
SH163539		0.45	<0.005	<0.2	1.45	15	<10	250	0.6	2	0.36	<0.5	10	39	20	2.91
SH163540		0.43	<0.005	<0.2	1.35	21	<10	270	0.5	<2	0.38	<0.5	10	37	18	2.75
SH163541		0.45	<0.005	<0.2	1.32	14	<10	240	0.6	2	0.36	<0.5	9	40	17	2.62
SH163542		0.51	<0.005	<0.2	1.50	13	<10	380	0.7	2	0.39	<0.5	10	42	16	2.86
SH163543		0.47	<0.005	0.2	1.38	11	<10	330	0.5	<2	0.37	<0.5	8	31	12	2.61



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
SH163511		10	<1	0.07	10	0.47	273	1	0.01	15	140	11	<0.01	<2	3
SH163512		10	1	0.23	10	1.13	627	<1	0.01	19	210	6	<0.01	<2	6
SH163513		10	<1	0.07	10	0.47	246	1	0.01	14	550	11	<0.01	<2	3
SH163514		10	<1	0.08	20	0.67	400	<1	0.02	18	530	8	<0.01	<2	4
SH163515		10	<1	0.06	10	0.58	467	<1	0.01	15	370	8	<0.01	<2	3
SH163516		10	1	0.07	10	0.64	895	<1	0.03	22	370	7	0.01	<2	5
SH163517		10	<1	0.05	10	0.44	322	<1	0.01	17	400	7	<0.01	<2	3
SH163518		10	<1	0.13	10	0.59	468	<1	0.02	13	220	9	<0.01	<2	4
SH163519		<10	1	0.16	10	0.68	394	<1	0.02	18	760	6	<0.01	<2	5
SH163520		<10	<1	0.28	10	0.75	408	<1	0.02	12	830	4	<0.01	<2	5
SH163521		<10	<1	0.08	20	0.61	341	<1	0.02	22	610	6	<0.01	<2	5
SH163522		<10	<1	0.08	10	0.55	336	1	0.02	20	710	7	<0.01	<2	4
SH163523		<10	<1	0.25	10	0.74	305	<1	0.03	18	770	6	0.02	<2	7
SH163524		<10	<1	0.10	20	0.56	426	1	0.02	19	740	7	0.01	<2	6
SH163525		<10	<1	0.09	10	0.40	319	<1	0.01	9	930	4	<0.01	<2	2
SH163526		<10	<1	0.05	10	0.40	217	<1	0.02	15	560	6	<0.01	<2	3
SH163527		<10	<1	0.04	10	0.45	244	<1	0.02	20	650	6	<0.01	<2	4
SH163528		<10	<1	0.03	10	0.44	322	<1	0.02	22	660	6	<0.01	<2	4
SH163529		10	<1	0.04	10	0.50	519	1	0.03	28	660	7	<0.01	<2	4
SH163530		<10	<1	0.04	10	0.43	543	<1	0.03	17	780	6	0.01	<2	3
SH163531		<10	1	0.03	10	0.42	236	1	0.02	19	740	6	<0.01	<2	4
SH163532		<10	<1	0.04	10	0.46	274	<1	0.02	22	640	6	<0.01	<2	4
SH163533		<10	<1	0.04	10	0.49	315	<1	0.02	27	650	7	<0.01	<2	4
SH163534		10	<1	0.04	10	0.50	218	<1	0.03	22	750	8	<0.01	<2	4
SH163535		<10	<1	0.05	10	0.43	781	<1	0.02	18	700	6	<0.01	<2	4
SH163536		<10	<1	0.11	10	0.44	374	1	0.02	23	480	8	<0.01	<2	5
SH163537		10	<1	0.12	10	0.42	275	<1	0.02	27	980	7	<0.01	<2	6
SH163538		<10	<1	0.13	10	0.44	339	1	0.02	27	550	9	<0.01	<2	5
SH163539		<10	<1	0.11	10	0.40	286	<1	0.02	26	540	8	<0.01	<2	7
SH163540		<10	1	0.06	10	0.45	266	<1	0.02	24	500	9	<0.01	<2	6
SH163541		<10	<1	0.07	10	0.42	236	<1	0.02	24	550	9	<0.01	<2	5
SH163542		<10	<1	0.05	20	0.46	240	<1	0.02	29	530	9	<0.01	<2	6
SH163543		<10	1	0.05	10	0.43	193	2	<0.01	22	510	10	<0.01	<2	4



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Te	Th	Ti	Tl	U	V	W
		ppm 10	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10
SH163511		<10	<20	0.08	<10	<10	52	<10
SH163512		<10	<20	0.14	<10	<10	83	<10
SH163513		<10	<20	0.06	<10	<10	68	<10
SH163514		<10	<20	0.10	<10	<10	58	<10
SH163515		<10	<20	0.11	<10	<10	76	<10
SH163516		<10	<20	0.08	<10	<10	78	<10
SH163517		<10	<20	0.06	<10	<10	54	<10
SH163518		<10	<20	0.11	<10	<10	66	<10
SH163519		<10	<20	0.11	<10	<10	57	<10
SH163520		<10	<20	0.12	<10	<10	62	<10
SH163521		<10	<20	0.09	<10	<10	56	<10
SH163522		<10	<20	0.09	<10	<10	54	<10
SH163523		<10	<20	0.09	<10	<10	67	<10
SH163524		<10	<20	0.08	<10	<10	60	<10
SH163525		<10	<20	0.07	<10	<10	44	<10
SH163526		<10	<20	0.06	<10	<10	47	<10
SH163527		<10	<20	0.07	<10	<10	53	<10
SH163528		<10	<20	0.07	<10	<10	50	<10
SH163529		<10	<20	0.10	<10	<10	65	<10
SH163530		<10	<20	0.07	<10	<10	56	<10
SH163531		<10	<20	0.07	<10	<10	49	<10
SH163532		<10	<20	0.08	<10	<10	56	<10
SH163533		<10	<20	0.09	<10	<10	53	<10
SH163534		<10	<20	0.07	<10	<10	53	<10
SH163535		<10	<20	0.06	<10	<10	50	<10
SH163536		<10	<20	0.10	<10	<10	56	<10
SH163537		<10	<20	0.08	<10	<10	57	<10
SH163538		<10	<20	0.11	<10	<10	55	<10
SH163539		<10	<20	0.08	<10	<10	63	<10
SH163540		<10	<20	0.08	<10	<10	59	<10
SH163541		<10	<20	0.10	<10	<10	55	<10
SH163542		<10	<20	0.11	<10	<10	58	<10
SH163543		<10	<20	0.08	<10	<10	51	<10



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Page: 1

Finalized Date: 6-SEP-2008

This copy reported on 12-JAN-2009

Account: NOTIRE

CERTIFICATE VA08113490

Project: Sonora

P.O. No.:

This report is for 13 Rock samples submitted to our lab in Vancouver, BC, Canada on 12-AUG-2008.

The following have access to data associated with this certificate:

GREG HAYES

CARL SCHULZE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA24	Au 50g FA AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: NORTHERN TIGER RESOURCES
ATTN: CARL SCHULZE
35 DAWSON RD.
WHITEHORSE YT Y1A 5T6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Finalized Date: 6-SEP-2008

Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA08113490

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
RH 164657		0.92	<0.005	0.2	0.16	25	<10	20	<0.5	<2	23.9	<0.5	3	7	7	1.01
RH 164658		0.98	0.008	<0.2	0.74	24	<10	100	<0.5	<2	0.25	0.8	8	12	5	2.29
RH 164659		0.64	0.005	0.2	0.35	35	<10	80	<0.5	<2	0.08	<0.5	4	8	29	1.90
RH 164660		1.34	<0.005	<0.2	0.50	9	<10	60	<0.5	<2	0.19	<0.5	2	5	<1	1.19
RH 164661		2.12	<0.005	<0.2	0.31	3	<10	120	<0.5	<2	0.14	<0.5	1	6	<1	0.90
RH 164662		0.60	<0.005	<0.2	0.39	4	<10	70	0.7	<2	0.09	<0.5	2	3	2	0.78
RH 164663		1.04	0.005	<0.2	0.85	<2	<10	100	<0.5	<2	0.60	<0.5	4	3	20	1.63
RH 164664		1.36	<0.005	<0.2	1.99	2	<10	360	<0.5	<2	0.83	<0.5	14	30	27	2.94
RH 163096		0.78	0.011	<0.2	0.35	57	<10	370	0.6	<2	0.88	0.7	5	4	12	1.80
RH 163097		1.60	0.011	2.1	0.11	236	<10	90	<0.5	<2	0.01	<0.5	<1	11	3	0.54
RH 163098		0.82	<0.005	<0.2	0.40	10	<10	160	0.6	<2	0.19	<0.5	7	9	4	2.08
RH 163099		0.80	<0.005	<0.2	0.49	5	<10	90	0.5	<2	0.11	<0.5	8	8	<1	2.22
RH 163100		0.94	<0.005	<0.2	0.51	2	<10	130	0.5	3	0.15	<0.5	8	7	17	2.02

Comments: Sample RH 164664 is an extra sample.



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Project: Sonora

CERTIFICATE OF ANALYSIS VA08113490

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
RH 164657		<10	<1	0.03	10	1.05	708	1	0.01	9	240	10	<0.01	5	2	241
RH 164658		<10	<1	0.17	10	0.34	617	1	0.04	7	560	9	0.01	2	3	15
RH 164659		<10	<1	0.12	10	0.08	140	2	0.01	22	490	9	0.01	2	1	5
RH 164660		<10	<1	0.19	20	0.18	181	1	0.05	1	150	8	0.05	<2	1	11
RH 164661		<10	<1	0.19	30	0.08	223	1	0.02	1	130	10	0.07	<2	1	8
RH 164662		<10	<1	0.27	20	0.05	357	1	0.02	2	160	5	0.01	<2	1	4
RH 164663		<10	<1	0.10	10	0.35	597	1	0.06	1	530	3	0.01	<2	1	77
RH 164664		10	<1	1.04	80	1.54	457	<1	0.06	20	810	4	0.06	<2	2	43
RH 163096		<10	<1	0.15	30	0.26	971	1	0.01	6	310	16	0.22	5	2	35
RH 163097		<10	<1	0.09	<10	0.01	20	1	<0.01	2	40	174	0.07	8	<1	10
RH 163098		<10	<1	0.17	20	0.04	655	1	0.03	6	560	11	0.01	3	3	13
RH 163099		<10	<1	0.20	20	0.04	740	1	0.03	4	380	15	<0.01	<2	2	11
RH 163100		<10	<1	0.20	10	0.04	536	1	0.02	4	380	34	<0.01	<2	3	14

Comments: Sample RH 164664 is an extra sample.



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Project: Sonora

CERTIFICATE OF ANALYSIS VA08113490

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Te	Th	Ti	Tl	U	V	W	Zn
		ppm 10	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
RH 164657		<10	<20	<0.01	<10	<10	9	<10	75
RH 164658		<10	<20	0.02	<10	<10	32	<10	64
RH 164659		<10	<20	<0.01	<10	<10	13	<10	60
RH 164660		<10	20	0.02	<10	<10	4	<10	24
RH 164661		<10	20	0.01	<10	<10	2	<10	18
RH 164662		<10	20	<0.01	<10	<10	2	<10	25
RH 164663		<10	<20	0.08	<10	<10	35	<10	41
RH 164664		<10	20	0.24	<10	<10	59	<10	41
RH 163096		<10	<20	<0.01	<10	<10	10	<10	130
RH 163097		<10	<20	<0.01	<10	<10	3	<10	32
RH 163098		<10	<20	<0.01	<10	<10	20	<10	46
RH 163099		<10	<20	<0.01	<10	<10	22	<10	53
RH 163100		<10	<20	<0.01	<10	<10	18	<10	47

Comments: Sample RH 164664 is an extra sample.



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Account: NOTIRE

CERTIFICATE VA08113491

Project: Sonora

P.O. No.:

This report is for 259 Soil samples submitted to our lab in Vancouver, BC, Canada on 12-AUG-2008.

The following have access to data associated with this certificate:

GREG HAYES

CARL SCHULZE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: NORTHERN TIGER RESOURCES
ATTN: CARL SCHULZE
35 DAWSON RD.
WHITEHORSE YT Y1A 5T6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Sonora

CERTIFICATE OF ANALYSIS VA08113491

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
SH 162701		0.44	<0.2	1.91	10	<10	260	<0.5	<2	0.44	<0.5	19	52	46	3.34	10
SH 162702		0.48	<0.2	1.67	6	<10	300	0.6	<2	0.56	<0.5	11	37	21	2.86	<10
SH 162703		0.48	<0.2	1.85	6	<10	310	0.7	2	0.67	<0.5	11	31	38	3.03	10
SH 162704		0.48	0.2	1.72	6	<10	370	0.7	<2	0.61	<0.5	10	35	39	2.93	10
SH 162705		0.70	0.2	1.97	4	<10	110	1.2	3	1.27	<0.5	7	4	33	2.93	10
SH 162706		0.54	0.2	1.58	7	<10	360	0.6	2	0.75	<0.5	10	28	26	2.53	<10
SH 162707		0.64	<0.2	1.23	9	<10	330	0.6	2	0.75	<0.5	9	28	34	2.33	<10
SH 162708		0.58	0.2	2.06	7	<10	470	0.9	3	0.79	<0.5	10	25	52	2.79	10
SH 162709		0.54	<0.2	1.48	7	<10	410	0.6	<2	0.72	<0.5	9	28	25	2.56	<10
SH 162710		0.52	<0.2	0.92	5	<10	230	<0.5	2	0.30	<0.5	8	27	10	2.10	<10
SH 162711		0.64	<0.2	1.89	5	<10	600	0.8	3	0.66	<0.5	8	25	30	2.83	10
SH 162712		0.54	<0.2	1.29	3	<10	460	0.6	<2	0.35	<0.5	9	32	11	2.56	<10
SH 162713		0.42	0.2	2.03	25	<10	260	<0.5	2	0.42	<0.5	23	153	8	3.65	10
SH 162714		0.28	0.2	1.13	63	<10	220	<0.5	2	0.81	<0.5	8	53	12	2.17	10
SH 162715		0.42	0.7	1.51	81	<10	140	<0.5	2	0.29	0.6	13	54	15	3.45	10
SH 162716		0.46	0.7	1.77	130	<10	420	0.9	<2	1.09	0.5	18	51	25	4.02	<10
SH 162717		0.44	0.3	1.01	64	<10	220	<0.5	2	0.22	<0.5	10	28	14	2.52	10
SH 162718		0.38	0.3	1.80	100	<10	300	0.6	3	0.35	<0.5	12	82	26	3.76	10
SH 162719		0.38	0.3	1.65	116	<10	320	0.6	<2	1.13	0.6	12	56	28	3.11	10
SH 162720		0.40	0.4	1.67	57	<10	430	0.5	3	1.28	<0.5	12	42	44	2.92	<10
SH 162721		0.62	<0.2	1.26	10	<10	390	0.5	3	0.73	<0.5	10	28	29	2.52	<10
SH 162722		0.72	<0.2	1.26	8	<10	110	0.5	<2	0.74	<0.5	8	22	62	2.73	<10
SH 162723		0.48	0.2	1.55	8	<10	380	0.7	3	0.50	<0.5	12	34	22	2.75	10
SH 162724		0.56	<0.2	1.77	10	<10	310	<0.5	2	0.28	<0.5	8	39	9	2.89	10
SH 162725		0.44	0.3	1.59	7	<10	420	0.5	2	0.32	<0.5	12	36	11	2.92	10
SH 162726		0.46	<0.2	1.53	5	<10	240	0.6	<2	0.31	<0.5	12	34	13	2.86	10
SH 162727		0.54	0.2	1.39	12	<10	250	0.5	3	0.33	<0.5	8	34	19	2.59	<10
SH 162728		0.48	<0.2	1.50	8	<10	430	0.7	2	0.49	<0.5	9	37	15	2.88	10
SH 162729		0.44	0.2	1.55	8	<10	390	0.6	2	0.50	<0.5	10	36	12	2.79	10
SH 162730		0.64	<0.2	1.37	8	<10	320	0.5	<2	0.47	<0.5	9	36	31	2.46	<10
SH 162731		0.38	<0.2	1.20	8	<10	270	<0.5	<2	0.97	<0.5	9	29	27	2.19	<10
SH 162732		0.70	<0.2	1.29	11	<10	390	0.5	<2	0.88	<0.5	9	31	20	2.51	<10
SH 162733		0.42	<0.2	1.20	7	<10	390	0.5	2	0.77	0.5	9	28	31	2.29	<10
SH 162734		0.42	<0.2	1.37	11	<10	470	0.6	<2	0.56	0.7	10	30	19	2.59	<10
SH 162879		0.56	0.4	2.07	32	<10	380	0.6	2	0.88	<0.5	14	68	41	3.53	10
SH 162880		0.50	<0.2	1.71	33	<10	420	<0.5	2	0.38	<0.5	19	63	30	3.15	10
SH 162881		0.50	<0.2	1.78	81	<10	130	<0.5	<2	0.20	<0.5	14	71	26	3.85	10
SH 162882		0.54	0.2	1.57	27	<10	140	<0.5	2	0.55	<0.5	9	46	28	2.72	10
SH 162883		0.50	0.3	1.83	76	<10	170	<0.5	<2	0.26	<0.5	17	60	50	4.10	10
SH 162884		0.30	<0.2	0.27	3	<10	150	<0.5	<2	2.72	<0.5	4	5	16	0.54	<10



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Total # Pages: 8 (A - C)

Finalized Date: 15-SEP-2008

Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA08113491

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
SH 162701		<1	0.04	<10	0.73	632	2	<0.01	25	370	4	<0.01	<2	5	33
SH 162702		<1	0.12	10	0.45	632	1	<0.01	19	620	5	<0.01	<2	4	48
SH 162703		<1	0.17	10	0.54	788	<1	0.01	20	740	6	<0.01	<2	5	72
SH 162704		<1	0.19	10	0.51	906	<1	0.01	24	650	6	0.01	<2	5	62
SH 162705		1	0.06	10	0.65	920	<1	0.01	4	1150	4	0.02	2	3	188
SH 162706		1	0.16	10	0.46	962	<1	0.01	20	970	6	0.06	<2	3	59
SH 162707		<1	0.10	10	0.58	608	<1	0.01	26	860	6	0.05	<2	3	59
SH 162708		<1	0.20	10	0.47	1405	<1	0.02	17	800	7	0.02	2	4	128
SH 162709		<1	0.08	10	0.48	832	<1	0.01	22	720	6	0.02	<2	4	63
SH 162710		<1	0.18	10	0.34	484	<1	0.01	17	530	7	<0.01	<2	3	21
SH 162711		<1	0.09	10	0.45	1030	<1	0.02	16	630	9	0.03	2	3	174
SH 162712		<1	0.15	10	0.35	653	<1	0.01	20	830	6	<0.01	<2	3	37
SH 162713		<1	0.38	20	1.55	1325	<1	0.01	47	850	7	0.02	2	5	20
SH 162714		1	0.14	20	0.70	256	<1	0.01	19	490	10	0.05	16	3	37
SH 162715		<1	0.14	10	0.78	867	<1	0.01	17	700	104	0.03	4	3	20
SH 162716		1	0.35	40	1.12	1435	<1	0.01	31	1000	23	0.04	22	9	47
SH 162717		<1	0.11	10	0.32	1750	<1	0.01	11	280	16	0.01	4	3	14
SH 162718		<1	0.14	20	0.83	846	<1	0.01	39	340	27	0.01	2	5	21
SH 162719		<1	0.18	20	0.76	808	<1	0.02	29	440	26	0.04	5	7	47
SH 162720		<1	0.16	30	0.76	582	<1	0.02	26	640	7	0.05	4	6	47
SH 162721		<1	0.04	10	0.46	531	<1	0.02	24	890	7	0.01	2	4	48
SH 162722		<1	0.09	10	0.63	418	<1	0.02	16	1110	5	<0.01	<2	4	50
SH 162723		<1	0.03	10	0.48	668	<1	0.02	28	550	8	<0.01	3	4	33
SH 162724		<1	0.03	10	0.41	248	<1	0.01	23	260	8	<0.01	<2	3	20
SH 162725		1	0.03	10	0.35	731	<1	0.01	21	950	8	<0.01	<2	3	24
SH 162726		1	0.09	10	0.36	562	<1	0.01	20	750	7	<0.01	<2	3	22
SH 162727		<1	0.09	10	0.39	215	<1	0.01	22	650	8	<0.01	<2	4	25
SH 162728		1	0.04	10	0.52	304	<1	0.01	29	590	9	<0.01	2	4	35
SH 162729		1	0.03	10	0.46	494	<1	0.01	26	420	9	<0.01	2	4	34
SH 162730		1	0.05	10	0.56	270	<1	0.03	32	450	6	<0.01	<2	5	31
SH 162731		<1	0.04	10	0.46	676	<1	0.02	23	850	6	0.04	<2	3	61
SH 162732		<1	0.03	10	0.46	647	<1	0.02	26	860	6	0.02	2	4	59
SH 162733		1	0.04	10	0.44	1205	<1	0.01	26	920	5	0.01	2	3	51
SH 162734		1	0.04	10	0.45	665	<1	0.01	24	690	7	<0.01	<2	4	38
SH 162879		<1	0.11	10	1.00	504	<1	0.03	41	300	19	0.02	3	10	29
SH 162880		<1	0.10	10	0.73	811	<1	0.01	35	280	13	0.01	3	5	21
SH 162881		<1	0.14	10	0.87	324	<1	0.01	31	310	8	0.01	3	4	12
SH 162882		<1	0.07	10	0.55	209	<1	0.01	25	250	5	0.02	2	4	22
SH 162883		<1	0.09	10	0.80	611	<1	0.02	34	450	13	0.05	7	6	18
SH 162884		1	0.02	<10	0.21	366	<1	0.03	6	930	2	0.24	<2	1	75



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CERTIFICATE OF ANALYSIS VA08113491

Sample Description	Method Analyte Units LOR	ME-ICP41 Ti %	ME-ICP41 Ti ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm	ME-ICP41 Zn ppm	Au-AA23 Au ppm
SH 162701		0.13	<10	<10	80	<10	48	<0.005
SH 162702		0.13	<10	<10	61	<10	67	0.005
SH 162703		0.13	<10	<10	66	<10	72	<0.005
SH 162704		0.14	<10	<10	62	<10	75	<0.005
SH 162705		0.04	<10	<10	69	<10	69	<0.005
SH 162706		0.07	<10	<10	51	<10	86	<0.005
SH 162707		0.08	<10	<10	48	<10	66	<0.005
SH 162708		0.08	<10	<10	55	<10	98	0.006
SH 162709		0.10	<10	<10	51	<10	94	<0.005
SH 162710		0.08	<10	<10	44	<10	47	<0.005
SH 162711		0.07	<10	<10	59	<10	97	<0.005
SH 162712		0.16	<10	<10	48	<10	83	0.009
SH 162713		0.14	<10	<10	79	<10	92	0.005
SH 162714		0.10	<10	<10	56	<10	44	0.011
SH 162715		0.12	<10	<10	80	<10	104	<0.005
SH 162716		0.10	<10	<10	63	<10	93	0.031
SH 162717		0.09	<10	<10	51	<10	49	0.006
SH 162718		0.11	<10	<10	69	<10	70	0.016
SH 162719		0.09	<10	<10	53	<10	70	0.015
SH 162720		0.07	<10	<10	52	<10	47	0.010
SH 162721		0.08	<10	<10	50	<10	61	0.007
SH 162722		0.09	<10	<10	62	<10	66	0.016
SH 162723		0.11	<10	<10	60	<10	62	<0.005
SH 162724		0.13	<10	<10	69	<10	79	0.005
SH 162725		0.15	<10	<10	66	<10	55	<0.005
SH 162726		0.15	<10	<10	61	<10	53	<0.005
SH 162727		0.09	<10	<10	57	<10	42	<0.005
SH 162728		0.14	<10	<10	60	<10	66	<0.005
SH 162729		0.12	<10	<10	60	<10	63	<0.005
SH 162730		0.08	<10	<10	57	<10	47	0.005
SH 162731		0.05	<10	<10	51	<10	59	<0.005
SH 162732		0.10	<10	<10	56	<10	53	0.008
SH 162733		0.07	<10	<10	51	<10	55	0.006
SH 162734		0.09	<10	<10	54	<10	76	<0.005
SH 162879		0.08	<10	<10	77	<10	64	0.006
SH 162880		0.06	<10	<10	70	<10	44	0.008
SH 162881		0.10	<10	<10	89	<10	46	<0.005
SH 162882		0.07	<10	<10	74	<10	41	<0.005
SH 162883		0.07	<10	<10	88	<10	70	<0.005
SH 162884		0.02	<10	<10	8	<10	10	<0.005



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CERTIFICATE OF ANALYSIS VA08113491

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
SH 162885		0.38	0.3	1.12	13	<10	280	<0.5	<2	0.61	<0.5	9	62	33	1.82	<10
SH 162886		0.64	0.4	1.71	127	<10	340	0.7	<2	1.19	0.6	19	69	21	3.84	10
SH 162887		0.46	<0.2	1.39	7	<10	300	<0.5	<2	0.53	<0.5	8	30	10	2.38	<10
SH 162888		0.42	<0.2	1.35	7	<10	200	<0.5	<2	0.52	<0.5	8	30	20	2.50	<10
SH 162889		0.44	0.2	1.32	7	<10	360	<0.5	<2	1.41	<0.5	10	28	34	2.43	<10
SH 162890		0.40	<0.2	1.31	5	<10	280	<0.5	<2	0.47	<0.5	10	30	20	2.42	<10
SH 162891		0.38	<0.2	1.50	9	<10	310	0.5	<2	0.45	<0.5	9	33	12	2.60	<10
SH 162892		0.48	0.2	1.01	8	<10	230	<0.5	<2	0.66	<0.5	6	24	12	1.98	<10
SH 162893		0.34	<0.2	1.08	4	<10	210	<0.5	<2	1.07	<0.5	7	31	20	1.89	<10
SH 162894		0.48	<0.2	1.01	7	<10	180	<0.5	<2	0.32	<0.5	7	29	12	2.30	<10
SH 162895		0.60	0.2	1.04	6	<10	200	<0.5	<2	0.28	<0.5	9	48	13	2.22	<10
SH 162896		0.44	<0.2	1.35	12	<10	230	0.6	<2	0.46	<0.5	10	35	13	2.67	<10
SH 162908		0.74	0.3	2.12	14	<10	300	<0.5	<2	0.36	<0.5	15	35	37	3.21	10
SH 162909		0.72	0.3	2.43	14	<10	600	0.5	<2	0.47	<0.5	14	37	48	3.42	10
SH 162910		0.54	1.3	1.86	27	<10	690	0.8	<2	1.98	0.7	10	33	49	2.81	<10
SH 162911		0.46	0.5	1.76	19	<10	750	0.6	<2	1.96	0.7	11	38	50	2.69	<10
SH 162912		0.58	0.6	1.75	22	<10	680	0.5	2	1.53	<0.5	10	36	51	2.78	<10
SH 162913		0.46	0.4	1.78	16	<10	430	0.5	<2	1.51	<0.5	11	59	41	2.72	<10
SH 162914		0.30	0.3	1.36	15	<10	400	0.5	<2	0.58	<0.5	9	23	12	1.96	<10
SH 162915		0.56	0.5	1.58	8	<10	1220	0.8	<2	0.51	0.7	4	16	14	1.66	10
SH 162916		0.16	0.4	0.18	7	<10	430	<0.5	<2	2.78	<0.5	2	6	7	0.34	<10
SH 162917		0.42	2.6	1.59	42	<10	440	0.7	2	2.08	0.6	6	22	70	1.51	<10
SH 162918		0.44	7.8	1.15	675	<10	750	0.8	3	1.39	5.1	9	16	54	2.30	<10
SH 162919		0.64	0.6	0.83	501	<10	90	<0.5	2	0.18	0.6	13	21	31	3.80	<10
SH 162920		0.54	1.7	2.26	411	<10	340	0.9	<2	1.12	3.7	21	60	40	4.20	10
SH 162921		0.62	0.8	1.32	185	<10	130	1.1	<2	1.20	1.4	19	51	32	4.36	<10
SH 162922		0.64	0.6	1.11	163	<10	280	0.5	<2	0.20	1.0	9	24	27	3.02	<10
SH 162923		0.70	12.9	0.98	1065	<10	330	0.5	4	0.83	6.5	7	23	63	3.04	<10
SH 162924		0.52	1.1	1.64	159	<10	440	0.5	<2	1.02	0.7	12	28	25	3.00	<10
SH 162925		0.76	0.3	1.65	160	<10	180	0.8	<2	0.48	<0.5	20	21	30	4.68	<10
SH 162926		0.44	0.4	0.61	35	<10	620	<0.5	<2	0.53	0.5	5	17	20	2.13	<10
SH 162927		0.18	2.8	1.20	199	<10	1520	0.6	<2	1.31	2.2	9	17	39	2.90	<10
SH 162928		0.58	0.4	0.87	59	<10	60	<0.5	<2	0.08	<0.5	4	15	13	1.85	10
SH 162929		0.48	1.0	1.12	480	<10	150	<0.5	<2	0.09	1.8	4	13	8	2.18	<10
SH 162930		0.46	0.3	1.91	25	<10	500	0.5	2	0.59	4.5	9	24	11	2.82	10
SH 162931		0.36	0.3	1.49	38	<10	280	<0.5	2	0.22	1.4	6	21	10	2.50	10
SH 162932		0.54	0.4	1.58	102	<10	460	0.8	<2	0.63	1.4	8	25	22	2.68	<10
SH 162933		0.64	0.2	1.34	185	<10	280	1.0	<2	0.30	1.5	8	19	14	3.05	<10
SH 162934		0.50	0.8	1.27	166	<10	310	0.8	3	0.74	1.0	8	20	29	2.89	<10
SH 162935		0.50	0.9	1.50	220	<10	400	0.9	2	0.46	1.8	12	26	45	3.28	<10



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
SH 162885		<1	0.19	20	0.71	852	<1	0.02	22	750	3	0.10	5	4	30
SH 162886		1	0.22	20	0.98	1325	<1	0.02	31	610	76	0.07	11	6	60
SH 162887		<1	0.04	10	0.40	452	<1	0.02	18	320	7	0.02	<2	4	42
SH 162888		<1	0.11	10	0.42	318	<1	0.02	19	260	6	0.02	<2	5	32
SH 162889		<1	0.17	10	0.43	374	<1	0.02	29	200	6	0.02	<2	5	36
SH 162890		<1	0.09	10	0.42	556	<1	0.02	20	880	6	0.01	<2	4	32
SH 162891		<1	0.05	10	0.47	420	<1	0.02	22	450	7	0.01	2	5	32
SH 162892		<1	0.05	10	0.43	180	<1	0.02	16	670	6	0.01	<2	3	44
SH 162893		1	0.07	10	0.56	302	<1	0.02	26	830	5	0.07	<2	4	62
SH 162894		<1	0.09	10	0.33	244	<1	0.01	20	600	5	0.01	<2	4	25
SH 162895		<1	0.13	10	0.45	277	<1	0.01	30	410	5	0.01	<2	3	19
SH 162896		<1	0.12	10	0.42	405	<1	0.02	27	470	7	0.01	2	5	29
SH 162908		<1	0.06	10	0.69	395	<1	0.02	24	500	10	0.02	2	5	27
SH 162909		1	0.06	10	0.54	555	<1	0.02	24	210	13	0.02	2	7	29
SH 162910		1	0.15	20	0.61	432	<1	0.02	24	940	39	0.11	2	9	137
SH 162911		<1	0.13	10	0.61	1185	<1	0.02	28	860	18	0.12	<2	7	136
SH 162912		<1	0.10	10	0.62	485	<1	0.03	29	740	30	0.10	<2	6	96
SH 162913		<1	0.09	10	0.77	361	<1	0.02	33	660	18	0.11	2	7	94
SH 162914		<1	0.07	10	0.35	674	<1	0.02	14	560	14	0.04	2	4	49
SH 162915		<1	0.08	30	0.14	329	<1	0.02	9	610	23	0.03	<2	4	50
SH 162916		<1	0.02	<10	0.33	1895	<1	0.03	5	830	3	0.22	<2	<1	172
SH 162917		1	0.12	10	0.46	254	<1	0.01	15	950	45	0.27	2	11	126
SH 162918		<1	0.13	10	0.28	809	<1	0.02	28	930	154	0.11	11	5	95
SH 162919		<1	0.07	20	0.22	576	1	0.01	34	490	104	0.02	12	2	19
SH 162920		<1	0.15	20	1.18	945	<1	0.02	63	1040	84	0.04	8	6	57
SH 162921		<1	0.10	30	0.87	645	<1	0.01	54	930	94	0.04	16	8	38
SH 162922		<1	0.07	20	0.35	433	<1	0.01	24	350	38	0.02	4	3	20
SH 162923		<1	0.10	10	0.34	276	<1	0.02	22	830	1210	0.10	123	4	72
SH 162924		1	0.09	10	0.78	1155	<1	0.02	20	880	27	0.12	5	8	55
SH 162925		<1	0.12	<10	1.01	287	<1	0.02	13	470	14	0.03	5	9	28
SH 162926		<1	0.05	10	0.19	115	1	0.01	20	610	18	0.06	<2	2	48
SH 162927		<1	0.11	10	0.16	345	<1	0.03	48	1030	34	0.15	3	5	82
SH 162928		<1	0.04	10	0.16	133	<1	0.01	15	230	12	0.02	<2	1	10
SH 162929		1	0.07	10	0.12	444	<1	0.01	5	330	250	0.02	3	2	11
SH 162930		<1	0.06	10	0.31	964	2	0.02	11	390	27	<0.01	<2	3	38
SH 162931		<1	0.07	10	0.27	233	2	0.01	10	240	31	0.25	<2	2	20
SH 162932		<1	0.16	10	0.38	730	1	0.02	15	290	41	0.10	2	4	44
SH 162933		<1	0.17	10	0.25	582	1	0.01	12	220	42	<0.01	3	3	21
SH 162934		<1	0.24	10	0.32	646	1	0.01	13	330	51	0.01	3	4	46
SH 162935		<1	0.27	10	0.40	985	1	0.02	17	280	77	<0.01	4	5	31



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Sample Description	Method Analyte Units LOR	ME-ICP41 Ti %	ME-ICP41 Ti ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm	ME-ICP41 Zn ppm	Au-AA23 Au ppm
		0.01	10	10	1	10	2	0.005
SH 162885		0.06	<10	<10	47	<10	34	0.011
SH 162886		0.10	<10	<10	68	<10	126	0.015
SH 162887		0.08	<10	<10	60	<10	37	<0.005
SH 162888		0.09	<10	<10	59	<10	34	<0.005
SH 162889		0.09	<10	<10	54	<10	24	0.006
SH 162890		0.08	<10	<10	53	<10	59	<0.005
SH 162891		0.10	<10	<10	60	<10	65	<0.005
SH 162892		0.07	<10	<10	51	<10	37	<0.005
SH 162893		0.06	<10	<10	40	<10	59	<0.005
SH 162894		0.08	<10	<10	59	<10	30	0.021
SH 162895		0.09	<10	<10	51	<10	36	0.006
SH 162896		0.11	<10	<10	56	<10	51	<0.005
SH 162908		0.08	<10	<10	75	<10	62	<0.005
SH 162909		0.07	<10	<10	89	<10	51	<0.005
SH 162910		0.03	<10	<10	52	<10	72	0.009
SH 162911		0.03	<10	<10	53	<10	69	<0.005
SH 162912		0.05	<10	<10	60	<10	55	0.005
SH 162913		0.03	<10	<10	59	<10	59	0.006
SH 162914		0.03	<10	<10	44	<10	40	<0.005
SH 162915		0.01	<10	<10	36	<10	39	<0.005
SH 162916		<0.01	<10	<10	5	<10	70	0.023
SH 162917		0.01	<10	<10	37	<10	75	0.013
SH 162918		0.01	<10	<10	27	<10	320	0.131
SH 162919		0.02	<10	<10	60	<10	164	0.017
SH 162920		0.08	<10	<10	63	<10	287	0.059
SH 162921		0.05	<10	<10	53	<10	341	0.020
SH 162922		0.02	<10	<10	44	<10	111	0.030
SH 162923		0.02	<10	<10	39	<10	362	0.260
SH 162924		0.01	<10	<10	57	<10	116	0.013
SH 162925		0.02	<10	<10	87	<10	116	0.106
SH 162926		0.02	<10	<10	34	<10	66	0.008
SH 162927		<0.01	<10	<10	30	<10	148	0.064
SH 162928		0.05	<10	<10	55	<10	51	<0.005
SH 162929		0.03	<10	<10	43	<10	182	<0.005
SH 162930		0.03	<10	<10	67	<10	330	<0.005
SH 162931		0.03	<10	<10	56	<10	75	<0.005
SH 162932		0.05	<10	<10	45	<10	114	0.023
SH 162933		0.02	<10	<10	35	<10	136	0.005
SH 162934		0.03	<10	<10	37	<10	81	<0.005
SH 162935		0.05	<10	<10	46	<10	131	0.005



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EDMONTON AB T5S 1K7

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Finalized Date: 15-SEP-2008

Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA08113491

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
SH 162936		0.64	2.8	1.13	322	<10	320	1.2	15	0.62	2.9	10	14	53	3.30	<10
SH 162937		0.52	1.3	1.48	418	<10	350	0.9	2	0.66	1.7	8	26	29	2.95	10
SH 162938		0.36	1.2	2.02	182	<10	500	1.2	3	0.86	2.5	16	72	39	4.28	10
SH 162939		0.50	6.9	0.96	139	<10	130	<0.5	2	0.35	0.7	4	37	12	1.84	<10
SH 162940		0.44	1.0	1.57	178	<10	250	<0.5	2	0.21	<0.5	7	27	11	3.42	10
SH 162941		0.42	0.5	2.09	47	<10	390	0.7	<2	0.19	1.1	8	27	11	2.94	10
SH 162942		0.44	3.8	1.35	160	<10	310	0.7	3	1.83	2.9	8	29	37	2.61	<10
SH 162944		0.60	<0.2	1.68	9	<10	230	0.6	<2	0.38	<0.5	9	38	17	2.97	10
SH 162945		0.50	<0.2	2.15	6	<10	380	0.9	<2	0.58	<0.5	11	33	38	3.40	10
SH 162946		0.60	<0.2	1.80	3	<10	370	1.0	<2	0.60	<0.5	9	27	65	3.12	10
SH 162947		0.58	<0.2	1.91	4	<10	410	0.6	<2	0.52	<0.5	10	32	43	3.31	<10
SH 162948		0.54	<0.2	1.99	5	<10	400	0.6	<2	0.48	<0.5	14	29	72	3.38	10
SH 162949		0.56	<0.2	1.56	10	<10	250	0.6	<2	0.49	<0.5	10	36	43	2.95	<10
SH 162950		0.70	<0.2	2.36	11	<10	110	0.5	<2	1.96	<0.5	22	46	404	3.36	10
SH 163058		0.68	0.3	1.92	28	<10	150	<0.5	2	0.42	<0.5	6	30	35	2.42	10
SH 163059		0.66	0.2	1.89	35	<10	120	<0.5	2	0.38	<0.5	6	32	28	2.24	10
SH 163060		0.72	0.6	1.58	45	<10	150	<0.5	2	0.57	<0.5	11	32	40	2.39	<10
SH 163061		0.70	<0.2	1.25	138	<10	160	<0.5	3	0.54	<0.5	87	34	49	3.07	<10
SH 163062		0.54	1.1	1.76	79	<10	220	0.7	4	0.55	<0.5	10	53	112	2.77	10
SH 163063		0.88	0.4	1.15	57	<10	150	<0.5	3	0.53	<0.5	8	42	56	2.39	<10
SH 163064		0.80	0.5	1.71	142	<10	160	0.6	4	0.51	<0.5	11	77	60	3.24	10
SH 163065		0.86	0.2	1.44	25	<10	140	<0.5	2	0.44	<0.5	10	57	28	2.12	<10
SH 163066		0.50	0.2	2.09	13	<10	270	0.6	<2	0.62	<0.5	8	44	33	2.73	10
SH 163067		0.56	<0.2	2.28	28	<10	180	0.5	<2	0.40	<0.5	14	50	17	3.47	10
SH 163068		0.68	<0.2	2.07	27	<10	140	<0.5	<2	0.38	<0.5	8	33	27	2.70	10
SH 163069		0.70	<0.2	2.04	30	<10	160	<0.5	2	0.39	<0.5	8	33	30	2.46	10
SH 163070		0.28	0.7	1.68	56	<10	220	0.7	3	0.78	1.0	15	37	101	2.49	<10
SH 163071		0.50	0.9	1.74	71	<10	190	0.6	3	0.75	<0.5	6	52	90	2.40	10
SH 163072		0.54	1.0	1.90	63	<10	230	1.0	<2	0.66	<0.5	12	60	70	3.30	10
SH 163073		0.72	0.2	2.23	28	<10	220	0.8	<2	0.36	<0.5	12	58	39	3.14	<10
SH 163074		0.62	0.3	1.96	51	<10	150	<0.5	3	0.43	<0.5	11	67	30	3.15	10
SH 163075		0.64	0.3	2.14	38	<10	180	0.5	<2	0.43	<0.5	12	48	21	3.53	10
SH 163076		0.50	0.6	1.72	259	<10	170	<0.5	<2	0.28	<0.5	21	47	10	4.08	10
SH 163077		0.50	0.2	1.64	122	<10	130	<0.5	<2	0.35	<0.5	11	46	7	3.09	10
SH 163078		0.56	0.4	1.72	110	<10	190	0.5	2	0.48	<0.5	14	39	13	3.22	10
SH 163079		0.44	1.8	1.47	91	<10	410	<0.5	<2	0.40	3.3	13	33	10	3.25	10
SH 163080		0.34	0.4	2.08	42	<10	500	0.9	2	0.89	1.3	12	36	17	3.56	10
SH 163081		0.52	0.7	1.64	55	<10	250	0.5	2	1.28	<0.5	13	42	17	3.17	10
SH 163082		0.34	0.4	0.58	21	<10	170	<0.5	<2	0.63	<0.5	3	28	14	1.23	<10
SH 163083		0.48	<0.2	1.67	16	<10	120	<0.5	<2	0.39	<0.5	13	58	17	3.80	10



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Project: Sonora

CERTIFICATE OF ANALYSIS VA08113491

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1	ppm 1
SH 162936		<1	0.26	20	0.20	791	2	0.01	12	340	138	0.02	5	4	38
SH 162937		<1	0.19	10	0.39	483	2	0.02	16	330	68	0.01	5	4	38
SH 162938		<1	0.21	10	0.75	899	1	0.02	38	290	80	0.03	3	8	45
SH 162939		<1	0.11	20	0.38	167	2	0.01	12	540	119	0.03	51	2	24
SH 162940		<1	0.05	10	0.29	303	2	0.01	13	240	25	<0.01	3	3	17
SH 162941		<1	0.09	20	0.39	837	2	0.02	14	180	32	0.50	5	3	16
SH 162942		<1	0.14	50	0.59	589	1	0.02	17	520	158	0.14	11	4	85
SH 162944		<1	0.07	10	0.42	445	2	0.01	19	770	9	<0.01	<2	4	28
SH 162945		<1	0.07	10	0.39	860	2	0.02	21	780	8	<0.01	<2	4	47
SH 162946		<1	0.15	10	0.40	884	1	0.01	17	920	8	0.01	<2	5	50
SH 162947		<1	0.12	10	0.42	1135	2	0.01	17	820	7	<0.01	<2	5	61
SH 162948		<1	0.07	10	0.60	1020	1	0.02	15	1000	5	<0.01	<2	5	39
SH 162949		<1	0.09	10	0.55	498	1	0.01	22	670	7	<0.01	<2	6	49
SH 162950		<1	0.15	10	1.12	857	1	0.03	23	1450	3	0.06	<2	8	153
SH 163058		<1	0.06	20	0.43	124	3	0.02	12	440	14	0.01	<2	5	28
SH 163059		1	0.07	10	0.45	129	2	0.01	12	500	17	0.04	<2	4	26
SH 163060		<1	0.06	10	0.43	522	3	0.02	13	720	16	0.08	<2	4	33
SH 163061		<1	0.06	10	0.43	3060	8	0.02	16	810	27	0.01	2	3	34
SH 163062		<1	0.07	20	0.60	264	4	0.02	22	530	27	<0.01	3	6	34
SH 163063		<1	0.06	20	0.44	265	5	0.02	16	650	20	0.01	<2	4	27
SH 163064		<1	0.07	20	0.73	238	3	0.02	37	540	24	<0.01	<2	5	32
SH 163065		<1	0.06	10	0.62	395	2	0.02	26	590	13	<0.01	<2	4	29
SH 163066		<1	0.07	20	0.57	279	1	0.01	26	350	14	<0.01	<2	5	51
SH 163067		1	0.07	10	0.77	507	2	0.01	28	510	19	<0.01	<2	5	30
SH 163068		<1	0.06	10	0.48	165	2	0.01	14	470	13	0.01	<2	5	27
SH 163069		<1	0.07	10	0.52	133	2	0.01	15	510	16	0.01	<2	5	27
SH 163070		<1	0.07	20	0.49	1070	4	0.02	24	760	20	0.05	<2	5	48
SH 163071		<1	0.08	20	0.57	180	3	0.02	24	630	25	0.04	<2	5	41
SH 163072		<1	0.11	20	0.88	321	3	0.02	47	830	41	<0.01	<2	7	52
SH 163073		<1	0.07	20	0.66	256	2	0.01	29	200	21	<0.01	<2	8	33
SH 163074		<1	0.09	10	0.75	317	2	0.01	31	380	23	<0.01	3	4	30
SH 163075		<1	0.14	10	0.71	488	1	0.01	26	460	22	<0.01	2	4	35
SH 163076		<1	0.14	20	0.93	1920	1	0.01	17	510	104	0.01	14	3	22
SH 163077		<1	0.15	20	0.94	513	1	0.01	15	620	21	0.02	<2	3	24
SH 163078		<1	0.08	30	0.66	1170	1	0.01	17	770	33	0.02	3	4	31
SH 163079		<1	0.10	20	0.44	1730	1	0.02	15	290	72	<0.01	18	3	25
SH 163080		<1	0.25	50	0.60	1050	1	0.02	20	400	48	0.02	3	5	47
SH 163081		<1	0.29	20	1.03	920	<1	0.02	20	720	20	0.04	5	4	52
SH 163082		<1	0.05	10	0.20	206	<1	0.01	7	1210	10	0.10	<2	2	35
SH 163083		<1	0.12	10	1.06	633	1	0.01	19	530	8	0.02	2	4	21



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CERTIFICATE OF ANALYSIS VA08113491

Sample Description	Method Analyte Units LOR	ME-ICP41 Ti %	ME-ICP41 Ti ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm	ME-ICP41 Zn ppm	Au-AA23 Au ppm
		0.01	10	10	1	10	2	0.005
SH 162936		0.01	<10	<10	29	<10	167	0.024
SH 162937		0.02	<10	<10	44	<10	127	0.026
SH 162938		0.05	<10	<10	71	<10	149	0.012
SH 162939		0.06	<10	<10	38	<10	82	0.040
SH 162940		0.09	<10	<10	82	<10	80	0.005
SH 162941		0.05	<10	<10	58	<10	165	<0.005
SH 162942		0.06	<10	10	40	<10	307	0.051
SH 162944		0.15	<10	<10	67	<10	70	<0.005
SH 162945		0.16	<10	<10	76	<10	93	0.005
SH 162946		0.10	<10	<10	56	<10	67	<0.005
SH 162947		0.16	<10	<10	66	<10	71	0.007
SH 162948		0.13	<10	<10	86	<10	84	0.005
SH 162949		0.11	<10	<10	72	<10	50	<0.005
SH 162950		0.12	<10	<10	118	<10	78	0.007
SH 163058		0.09	<10	<10	53	<10	52	0.010
SH 163059		0.08	<10	<10	47	<10	55	0.039
SH 163060		0.06	<10	<10	46	<10	53	0.044
SH 163061		0.05	<10	<10	52	<10	59	0.022
SH 163062		0.07	<10	<10	55	<10	65	0.054
SH 163063		0.06	<10	<10	53	<10	52	0.065
SH 163064		0.07	<10	<10	60	<10	68	0.039
SH 163065		0.08	<10	<10	43	<10	57	0.021
SH 163066		0.09	<10	<10	60	<10	54	0.007
SH 163067		0.11	<10	<10	78	<10	78	0.011
SH 163068		0.09	<10	<10	58	<10	57	0.012
SH 163069		0.09	<10	<10	55	<10	63	0.022
SH 163070		0.06	<10	<10	46	<10	75	0.029
SH 163071		0.07	<10	<10	47	<10	68	0.037
SH 163072		0.06	<10	<10	64	<10	110	0.031
SH 163073		0.10	<10	<10	69	<10	61	0.013
SH 163074		0.10	<10	<10	67	<10	85	0.028
SH 163075		0.10	<10	<10	72	<10	74	0.017
SH 163076		0.11	<10	<10	77	<10	133	0.013
SH 163077		0.11	<10	<10	69	<10	80	0.009
SH 163078		0.09	<10	<10	60	<10	87	0.012
SH 163079		0.08	<10	<10	68	<10	277	0.013
SH 163080		0.07	<10	<10	58	<10	87	0.005
SH 163081		0.11	<10	<10	58	<10	77	0.007
SH 163082		0.03	<10	<10	19	<10	21	<0.005
SH 163083		0.16	<10	<10	93	<10	62	0.005



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
SH 163084		0.50	0.3	1.61	144	<10	250	<0.5	2	0.36	<0.5	15	80	20	3.38	10
SH 163085		0.44	<0.2	2.21	79	<10	250	<0.5	<2	0.22	<0.5	13	67	28	4.30	10
SH 163086		0.40	0.2	2.00	45	<10	290	0.5	2	0.47	<0.5	13	45	32	3.49	10
SH 163087		0.62	0.2	2.15	96	<10	390	0.6	<2	0.64	<0.5	14	62	45	3.79	10
SH 163088		0.52	0.2	1.68	120	<10	370	<0.5	2	0.64	<0.5	11	38	31	3.23	10
SH 163089		0.50	0.3	1.93	21	<10	410	0.5	<2	1.37	<0.5	17	51	60	3.37	10
SH 163090		0.54	<0.2	1.98	37	<10	350	0.6	<2	0.84	<0.5	20	72	65	3.86	10
SH 163091		0.48	0.3	1.93	94	<10	380	<0.5	<2	0.69	<0.5	16	54	42	3.15	10
SH 163092		0.50	0.2	2.92	154	<10	380	0.5	<2	0.42	<0.5	22	55	45	4.24	10
SH 163093		0.46	0.2	1.19	10	<10	180	<0.5	<2	0.24	<0.5	6	18	16	1.91	10
SH 163094		0.78	0.4	1.82	53	<10	220	<0.5	<2	0.81	<0.5	13	60	139	2.90	10
SH 163095		0.52	0.2	1.88	85	<10	470	0.5	<2	0.87	<0.5	14	54	39	3.35	<10
SH 163101		0.50	0.2	2.17	21	<10	500	0.7	<2	0.35	<0.5	15	37	33	5.07	10
SH 163102		0.62	0.3	2.42	20	<10	620	0.7	2	0.59	<0.5	18	52	54	3.96	10
SH 163103		0.56	<0.2	1.88	11	<10	460	<0.5	<2	0.43	<0.5	13	32	18	3.28	10
SH 163104		0.62	0.2	2.19	18	<10	360	0.5	<2	0.50	<0.5	14	30	37	3.70	<10
SH 163105		0.58	<0.2	1.92	46	<10	400	<0.5	<2	0.21	<0.5	11	49	43	4.82	10
SH 163106		0.56	0.3	2.01	31	<10	410	0.5	<2	0.74	<0.5	16	54	31	3.71	10
SH 163107		0.54	0.5	1.82	44	<10	690	0.7	<2	1.78	<0.5	12	54	63	3.23	<10
SH 163108		0.40	0.5	1.88	15	<10	650	0.8	2	2.24	0.6	13	83	82	3.15	10
SH 163109		0.32	0.3	1.23	11	<10	410	<0.5	2	2.44	<0.5	9	44	57	2.30	<10
SH 163110		0.56	0.2	2.09	12	<10	300	<0.5	<2	0.30	<0.5	11	41	18	3.11	10
SH 163111		0.44	0.2	1.31	3	<10	640	<0.5	3	0.45	<0.5	5	16	7	2.45	<10
SH 163112		0.42	0.3	2.05	10	<10	510	<0.5	<2	0.33	<0.5	8	29	10	3.22	10
SH 163113		0.56	0.2	0.58	31	<10	140	<0.5	<2	0.16	<0.5	3	10	5	1.60	<10
SH 163114		0.46	0.2	2.09	10	<10	850	0.8	2	0.33	<0.5	8	29	12	2.99	10
SH 163115		0.26	0.4	0.67	5	<10	1240	0.5	<2	2.93	<0.5	6	10	14	1.30	<10
SH 163116		0.56	<0.2	0.98	6	<10	240	0.5	<2	0.23	<0.5	6	18	8	2.32	10
SH 163117		0.38	0.2	0.97	9	<10	550	1.0	<2	0.84	<0.5	10	12	12	2.66	<10
SH 163118		0.58	0.4	1.13	49	<10	610	0.9	<2	0.49	<0.5	8	19	12	2.55	<10
SH 163119		0.44	1.7	1.57	85	<10	850	1.5	<2	0.93	<0.5	8	19	20	2.53	<10
SH 163120		0.46	2.7	1.18	423	<10	530	1.0	<2	1.06	1.6	7	17	18	2.37	<10
SH 163121		0.58	1.2	0.77	269	<10	240	0.7	<2	0.44	<0.5	7	15	13	2.82	<10
SH 163122		0.44	10.3	1.31	481	<10	490	1.2	<2	1.22	1.7	9	16	31	2.78	<10
SH 163123		0.44	1.2	1.60	212	<10	400	0.6	<2	1.13	1.3	13	26	30	2.89	10
SH 163124		0.60	4.6	0.87	1510	<10	410	0.5	<2	0.80	10.3	6	18	73	2.66	<10
SH 163125		0.70	5.4	1.00	850	<10	560	0.8	<2	1.00	6.5	8	20	54	2.53	<10
SH 163126		0.52	1.1	1.23	252	<10	500	0.5	<2	0.62	3.0	13	24	38	2.77	10
SH 163127		0.50	0.4	1.40	136	<10	250	<0.5	<2	0.45	1.2	6	31	29	2.92	10
SH 163128		0.48	1.0	1.26	157	<10	180	0.6	<2	0.25	0.8	9	28	25	2.70	10



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CERTIFICATE OF ANALYSIS VA08113491

Sample Description	Method Analyte Units LOR	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20
SH 163084		<1	0.11	20	0.84	974	1	0.01	36	750	14	0.03	4	5	23	<20
SH 163085		<1	0.09	10	0.91	425	1	0.01	33	380	10	0.01	4	5	16	<20
SH 163086		<1	0.09	10	0.73	480	1	0.01	27	470	8	0.01	6	5	22	<20
SH 163087		<1	0.12	20	0.98	589	1	0.02	38	360	10	<0.01	13	9	30	<20
SH 163088		<1	0.12	20	0.71	718	1	0.02	25	400	9	0.02	2	5	30	<20
SH 163089		<1	0.15	10	1.00	892	<1	0.02	31	530	8	0.04	3	9	46	<20
SH 163090		<1	0.13	10	1.36	737	1	0.02	37	530	6	0.01	<2	9	29	<20
SH 163091		<1	0.10	10	0.84	895	1	0.02	28	430	14	0.01	3	7	31	<20
SH 163092		<1	0.10	10	0.90	726	1	0.01	32	390	12	0.01	8	7	26	<20
SH 163093		<1	0.08	10	0.30	289	1	0.01	10	670	8	<0.01	2	2	16	<20
SH 163094		<1	0.06	10	0.67	367	1	0.01	33	560	8	0.02	2	6	31	<20
SH 163095		<1	0.08	10	0.79	669	1	0.02	36	550	11	0.01	2	7	39	<20
SH 163101		<1	0.09	10	0.60	449	1	0.01	27	270	162	<0.01	<2	7	23	<20
SH 163102		<1	0.07	20	0.88	979	1	0.02	32	230	18	<0.01	2	10	32	<20
SH 163103		<1	0.13	10	0.59	737	1	0.02	20	170	12	<0.01	<2	4	27	<20
SH 163104		<1	0.15	10	0.81	536	<1	0.02	19	180	13	<0.01	<2	9	25	<20
SH 163105		<1	0.23	10	0.65	500	2	0.01	35	320	16	<0.01	2	5	18	<20
SH 163106		<1	0.10	10	0.73	798	1	0.02	30	300	15	0.01	3	7	31	<20
SH 163107		<1	0.09	10	0.62	508	1	0.02	46	720	14	0.06	2	8	53	<20
SH 163108		<1	0.12	20	0.82	568	1	0.02	76	710	20	0.07	3	9	108	<20
SH 163109		<1	0.06	10	0.66	260	1	0.02	30	640	7	0.14	<2	5	163	<20
SH 163110		<1	0.05	10	0.52	635	1	0.01	24	190	11	<0.01	2	4	25	<20
SH 163111		<1	0.10	10	0.20	221	1	0.01	8	290	20	<0.01	3	2	37	<20
SH 163112		<1	0.07	10	0.41	387	1	0.01	15	180	14	<0.01	2	3	31	<20
SH 163113		<1	0.10	20	0.14	168	1	<0.01	4	170	11	<0.01	2	1	19	<20
SH 163114		<1	0.06	20	0.46	299	<1	0.02	17	200	13	<0.01	<2	5	31	<20
SH 163115		1	0.04	10	0.28	1480	<1	0.01	7	1310	7	0.20	2	3	247	<20
SH 163116		<1	0.11	10	0.27	348	<1	<0.01	11	210	17	<0.01	<2	3	24	<20
SH 163117		<1	0.10	20	0.17	1120	<1	<0.01	8	730	33	0.04	<2	6	67	<20
SH 163118		<1	0.11	20	0.25	395	<1	<0.01	14	420	20	<0.01	3	5	30	<20
SH 163119		<1	0.10	20	0.31	571	<1	<0.01	15	670	31	0.03	3	6	54	<20
SH 163120		<1	0.11	20	0.28	776	<1	0.01	16	730	44	0.05	7	6	82	<20
SH 163121		<1	0.10	20	0.23	425	1	<0.01	12	340	34	0.01	10	4	36	<20
SH 163122		<1	0.15	20	0.30	567	<1	0.01	17	670	74	0.05	14	9	82	<20
SH 163123		<1	0.11	10	0.65	589	<1	0.01	19	670	42	0.05	4	8	70	<20
SH 163124		<1	0.13	10	0.23	369	1	0.01	18	540	707	0.13	29	3	77	<20
SH 163125		<1	0.12	10	0.27	700	1	<0.01	25	600	203	0.05	20	5	69	<20
SH 163126		<1	0.08	10	0.33	1075	1	<0.01	30	670	97	0.03	9	4	48	<20
SH 163127		<1	0.12	20	0.64	142	<1	<0.01	27	580	28	0.03	4	4	34	<20
SH 163128		<1	0.08	10	0.31	348	<1	<0.01	24	780	60	0.01	2	2	21	<20



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CERTIFICATE OF ANALYSIS VA08113491

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA23
		Ti	Ti	U	V	W	Zn	Au
		%	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	10	10	1	10	2	0.005
SH 163084		0.08	<10	<10	70	<10	70	0.025
SH 163085		0.09	<10	<10	76	<10	59	0.014
SH 163086		0.07	<10	<10	70	<10	55	0.008
SH 163087		0.10	<10	<10	76	<10	59	0.014
SH 163088		0.07	<10	<10	58	<10	54	0.006
SH 163089		0.08	<10	<10	73	<10	59	0.009
SH 163090		0.09	<10	<10	79	<10	59	0.009
SH 163091		0.07	<10	<10	74	<10	55	0.012
SH 163092		0.09	<10	<10	90	<10	63	0.010
SH 163093		0.08	<10	<10	45	<10	39	<0.005
SH 163094		0.09	<10	<10	67	<10	43	0.008
SH 163095		0.07	<10	<10	67	<10	53	0.010
SH 163101		0.04	<10	<10	106	<10	72	0.039
SH 163102		0.07	<10	<10	88	<10	57	0.005
SH 163103		0.09	<10	<10	75	<10	45	<0.005
SH 163104		0.07	<10	<10	79	<10	58	<0.005
SH 163105		0.10	<10	<10	95	<10	97	<0.005
SH 163106		0.07	<10	<10	78	<10	59	0.010
SH 163107		0.03	<10	<10	61	<10	62	0.009
SH 163108		0.04	<10	<10	59	<10	49	<0.005
SH 163109		0.03	<10	<10	42	<10	34	<0.005
SH 163110		0.06	<10	<10	77	<10	42	<0.005
SH 163111		0.01	<10	<10	43	<10	47	<0.005
SH 163112		0.03	<10	<10	68	<10	63	<0.005
SH 163113		0.02	<10	<10	28	<10	42	<0.005
SH 163114		0.04	<10	<10	59	<10	51	<0.005
SH 163115		0.01	<10	<10	18	<10	26	0.006
SH 163116		0.02	<10	<10	37	<10	60	<0.005
SH 163117		<0.01	<10	<10	31	<10	30	<0.005
SH 163118		0.01	<10	<10	36	<10	87	0.007
SH 163119		0.01	<10	<10	35	<10	65	0.022
SH 163120		0.01	<10	<10	31	<10	157	0.016
SH 163121		0.01	<10	<10	30	<10	118	0.022
SH 163122		0.01	<10	<10	30	<10	157	0.099
SH 163123		0.02	<10	<10	57	<10	150	0.026
SH 163124		0.02	<10	<10	31	<10	596	0.069
SH 163125		0.01	<10	<10	31	<10	435	0.098
SH 163126		0.02	<10	<10	41	<10	211	0.013
SH 163127		0.04	<10	<10	43	<10	127	0.019
SH 163128		0.02	<10	<10	40	<10	100	0.038



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
SH 163129		0.32	0.9	1.56	163	<10	270	<0.5	<2	2.29	0.7	11	41	26	2.52	<10
SH 163130		0.54	2.3	0.92	438	<10	230	<0.5	<2	0.27	1.2	8	25	27	2.44	<10
SH 163131		0.58	0.5	1.09	680	<10	210	0.5	<2	0.29	1.7	14	40	32	3.79	10
SH 163132		0.48	2.7	1.67	336	<10	500	1.0	<2	1.39	3.1	17	49	54	3.60	<10
SH 163133		0.44	0.6	1.88	120	<10	420	0.9	<2	2.04	0.8	15	49	47	3.40	10
SH 163134		0.48	0.6	2.02	98	<10	300	0.6	<2	1.67	0.6	16	58	32	3.71	10
SH 163135		0.40	0.3	1.62	71	<10	200	0.5	<2	2.47	1.0	14	50	52	2.82	10
SH 163136		0.52	0.4	2.17	64	<10	240	0.6	<2	0.69	<0.5	14	42	28	3.46	10
SH 163137		0.54	1.4	1.39	401	<10	200	<0.5	<2	0.27	0.5	7	35	29	4.11	10
SH 163138		0.54	<0.2	0.76	113	<10	110	0.5	<2	0.12	<0.5	20	25	46	4.36	<10
SH 163139		0.68	1.5	1.01	222	<10	210	<0.5	<2	0.26	0.7	6	19	23	2.07	10
SH 163140		0.48	3.3	1.41	217	<10	480	0.5	<2	0.38	1.7	11	25	60	2.83	10
SH 163141		0.54	0.9	1.24	144	<10	290	<0.5	<2	0.46	0.9	6	21	20	2.04	<10
SH 163142		0.44	0.5	1.50	44	<10	270	<0.5	<2	0.25	1.8	8	22	11	2.45	10
SH 163143		0.38	1.4	1.66	70	<10	570	0.9	<2	0.91	5.4	9	25	30	3.00	10
SH 163144		0.42	1.0	1.69	340	<10	430	1.0	<2	0.71	2.4	10	26	53	3.23	10
SH 163145		0.28	1.5	1.86	127	<10	620	1.8	<2	1.41	3.5	10	23	71	3.02	10
SH 163146		0.44	0.4	1.65	94	<10	490	0.9	<2	0.65	0.6	9	27	19	2.90	<10
SH 163147		0.44	2.6	1.77	218	<10	750	1.1	<2	1.18	0.6	13	47	63	3.40	<10
SH 163148		0.40	0.4	1.98	256	<10	560	1.0	<2	0.54	1.9	18	61	37	4.18	10
SH 163149		0.56	2.6	0.77	532	<10	490	0.9	2	1.74	3.2	11	27	32	2.75	<10
SH 163151		0.38	<0.2	1.01	16	<10	340	0.5	<2	0.27	<0.5	11	27	16	2.63	10
SH 163152		0.46	<0.2	1.01	16	<10	330	0.5	<2	0.30	<0.5	9	29	22	2.55	<10
SH 163153		0.46	<0.2	1.05	9	<10	380	0.5	<2	0.32	<0.5	8	29	12	2.31	<10
SH 163201		0.44	<0.2	1.30	8	<10	220	0.5	<2	0.35	<0.5	7	34	13	2.49	10
SH 163202		0.46	<0.2	1.17	6	<10	210	<0.5	<2	0.35	<0.5	6	27	16	2.20	<10
SH 163203		0.46	<0.2	1.21	7	<10	200	0.5	<2	0.32	<0.5	8	31	12	2.41	<10
SH 163204		0.46	<0.2	1.20	6	<10	250	<0.5	<2	0.39	<0.5	9	35	19	2.41	10
SH 163205		0.44	<0.2	1.47	6	<10	400	0.6	<2	0.67	<0.5	9	35	13	2.71	10
SH 163206		0.32	<0.2	1.15	6	<10	440	0.5	<2	3.27	<0.5	8	25	16	2.07	10
SH 163207		0.40	<0.2	0.91	10	<10	320	<0.5	<2	1.46	<0.5	6	23	22	2.25	<10
SH 163208		0.44	<0.2	1.07	10	<10	280	<0.5	<2	0.70	<0.5	8	26	21	2.32	10
SH 163209		0.44	<0.2	1.15	8	<10	280	<0.5	<2	0.37	<0.5	7	27	15	2.36	<10
SH 163210		0.42	<0.2	1.21	13	<10	310	0.5	<2	0.28	<0.5	7	30	13	2.72	10
SH 163211		0.44	<0.2	1.29	12	<10	340	0.6	<2	0.33	<0.5	9	33	14	2.71	<10
SH 163212		0.42	<0.2	1.21	9	<10	360	0.6	<2	0.39	<0.5	9	30	21	2.54	<10
SH 163213		0.44	<0.2	1.16	16	<10	390	0.6	<2	0.32	<0.5	10	30	20	2.74	<10
SH 163214		0.44	<0.2	1.10	11	<10	380	0.5	<2	0.33	<0.5	8	27	19	2.62	<10
SH 163215		0.40	<0.2	1.18	12	<10	430	0.5	<2	0.39	<0.5	9	31	17	2.65	<10
SH 163216		0.42	<0.2	1.11	17	<10	450	0.5	<2	0.28	<0.5	10	28	14	2.70	10



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1	ppm 1
SH 163129		<1	0.08	10	0.66	508	<1	<0.01	26	540	25	0.08	2	4	75
SH 163130		<1	0.07	20	0.23	317	1	<0.01	21	340	106	0.02	9	3	23
SH 163131		<1	0.09	20	0.47	522	1	<0.01	41	580	121	<0.01	21	4	20
SH 163132		<1	0.08	30	0.67	899	<1	0.01	53	800	89	0.03	15	9	45
SH 163133		<1	0.12	30	0.75	819	<1	0.01	44	660	31	0.04	9	6	64
SH 163134		<1	0.31	20	1.10	626	<1	0.01	39	600	37	0.04	7	5	57
SH 163135		<1	0.25	20	0.95	598	<1	<0.01	47	720	24	0.07	3	3	72
SH 163136		<1	0.18	40	0.72	599	<1	<0.01	28	550	23	0.01	5	5	37
SH 163137		<1	0.09	20	0.51	174	1	<0.01	26	900	74	0.02	5	3	26
SH 163138		<1	0.08	20	0.24	1185	2	<0.01	51	510	19	<0.01	6	3	22
SH 163139		<1	0.08	10	0.24	229	2	<0.01	18	670	52	0.01	5	2	24
SH 163140		<1	0.11	10	0.29	524	2	<0.01	32	670	114	0.01	4	4	38
SH 163141		<1	0.08	10	0.35	257	<1	<0.01	10	640	95	0.01	8	2	34
SH 163142		<1	0.07	10	0.28	373	1	0.01	10	200	49	<0.01	2	2	18
SH 163143		<1	0.22	10	0.36	971	<1	0.01	22	290	83	<0.01	<2	5	65
SH 163144		<1	0.14	20	0.46	795	<1	0.02	23	340	88	0.01	7	6	52
SH 163145		<1	0.18	10	0.43	1540	<1	0.01	32	580	34	0.04	6	7	86
SH 163146		<1	0.18	10	0.38	573	<1	0.01	16	240	30	0.01	4	5	40
SH 163147		<1	0.20	10	0.52	817	<1	0.01	34	360	67	0.02	8	9	67
SH 163148		<1	0.20	10	0.74	1255	<1	0.01	37	270	48	0.02	5	12	32
SH 163149		<1	0.12	20	0.40	943	<1	<0.01	23	730	203	0.10	19	4	117
SH 163151		<1	0.14	20	0.36	367	1	<0.01	28	680	10	<0.01	3	4	23
SH 163152		<1	0.13	20	0.37	311	1	0.02	31	810	13	0.02	2	4	23
SH 163153		<1	0.07	10	0.31	277	<1	0.01	20	420	8	0.01	2	4	23
SH 163201		<1	0.12	10	0.41	206	<1	0.01	21	460	7	<0.01	<2	5	24
SH 163202		<1	0.10	10	0.38	187	<1	0.01	19	780	5	<0.01	<2	4	23
SH 163203		<1	0.09	10	0.40	195	1	0.01	19	480	8	<0.01	<2	4	23
SH 163204		<1	0.07	10	0.44	414	1	0.01	28	420	5	<0.01	<2	4	29
SH 163205		<1	0.05	10	0.48	323	<1	0.01	28	510	9	<0.01	<2	4	48
SH 163206		<1	0.06	10	0.47	818	<1	0.02	22	1050	7	0.04	3	3	155
SH 163207		<1	0.04	10	0.42	428	<1	0.02	20	810	5	0.03	3	3	79
SH 163208		<1	0.07	10	0.45	235	<1	0.02	26	700	6	0.02	<2	4	41
SH 163209		<1	0.08	10	0.46	355	<1	0.02	22	490	7	0.01	4	5	30
SH 163210		<1	0.11	10	0.43	334	1	0.01	23	540	12	0.15	<2	4	26
SH 163211		<1	0.10	10	0.37	352	1	0.01	24	570	11	<0.01	3	4	24
SH 163212		<1	0.09	10	0.40	308	<1	0.01	28	820	9	<0.01	<2	5	27
SH 163213		<1	0.07	20	0.37	410	1	0.01	31	460	11	<0.01	<2	5	24
SH 163214		<1	0.08	20	0.44	289	<1	0.01	28	410	9	<0.01	<2	5	29
SH 163215		<1	0.09	10	0.44	451	<1	0.01	28	990	10	<0.01	2	4	29
SH 163216		<1	0.08	20	0.42	364	<1	0.02	28	470	14	<0.01	3	4	23



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Sample Description	Method Analyte Units LOR	ME-ICP41 Ti %	ME-ICP41 Ti ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm	ME-ICP41 Zn ppm	Au-AA23 Au ppm
SH 163129		0.07	<10	<10	36	<10	91	0.032
SH 163130		0.02	<10	<10	46	<10	141	0.041
SH 163131		0.02	<10	<10	52	<10	329	0.050
SH 163132		0.03	<10	<10	53	<10	235	0.099
SH 163133		0.06	<10	<10	55	<10	105	0.024
SH 163134		0.12	<10	<10	61	<10	136	0.015
SH 163135		0.10	<10	<10	47	<10	175	0.014
SH 163136		0.10	<10	<10	59	<10	81	0.011
SH 163137		0.03	<10	<10	57	<10	127	0.028
SH 163138		0.03	<10	<10	52	<10	166	<0.005
SH 163139		0.02	<10	<10	37	<10	82	0.024
SH 163140		0.01	<10	<10	45	<10	158	0.077
SH 163141		0.02	<10	<10	35	<10	117	0.019
SH 163142		0.05	<10	<10	61	<10	119	<0.005
SH 163143		0.05	<10	<10	49	<10	222	0.011
SH 163144		0.04	<10	<10	49	<10	130	0.025
SH 163145		0.02	<10	<10	37	<10	119	0.054
SH 163146		0.04	<10	<10	49	<10	72	<0.005
SH 163147		0.03	<10	<10	56	<10	90	0.018
SH 163148		0.03	<10	<10	70	<10	157	0.007
SH 163149		0.01	<10	<10	31	<10	330	0.060
SH 163151		0.05	<10	<10	44	<10	59	<0.005
SH 163152		0.04	<10	<10	43	<10	61	<0.005
SH 163153		0.06	<10	<10	49	<10	44	<0.005
SH 163201		0.09	<10	<10	54	<10	43	<0.005
SH 163202		0.06	<10	<10	49	<10	34	0.011
SH 163203		0.10	<10	<10	51	<10	42	<0.005
SH 163204		0.09	<10	<10	50	<10	52	0.007
SH 163205		0.13	<10	<10	56	<10	67	<0.005
SH 163206		0.07	<10	<10	42	<10	44	<0.005
SH 163207		0.05	<10	<10	57	<10	42	<0.005
SH 163208		0.07	<10	<10	46	<10	49	<0.005
SH 163209		0.07	<10	<10	48	<10	45	<0.005
SH 163210		0.07	<10	<10	51	<10	55	<0.005
SH 163211		0.07	<10	<10	52	<10	56	<0.005
SH 163212		0.06	<10	<10	49	<10	49	<0.005
SH 163213		0.06	<10	<10	51	<10	61	<0.005
SH 163214		0.05	<10	<10	46	<10	60	<0.005
SH 163215		0.08	<10	<10	47	<10	66	0.006
SH 163216		0.06	<10	<10	45	<10	68	<0.005



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
SH 163217		0.40	<0.2	1.29	12	<10	600	0.6	<2	0.30	<0.5	11	33	13	2.98	10
SH 163470		0.52	<0.2	1.43	25	<10	110	<0.5	<2	0.35	<0.5	5	22	16	1.91	10
SH 163471		0.76	<0.2	1.72	18	<10	140	<0.5	<2	0.42	<0.5	6	30	26	2.29	10
SH 163472		0.48	0.5	1.64	62	<10	170	0.5	2	0.54	<0.5	9	42	71	2.31	10
SH 163473		0.50	0.9	1.26	100	<10	160	0.5	3	0.68	<0.5	11	47	83	2.27	<10
SH 163474		0.38	0.9	1.44	59	<10	190	0.6	3	0.92	0.7	6	55	103	2.16	<10
SH 163475	Not Recvd															
SH 163476		0.66	<0.2	1.92	14	<10	210	0.6	<2	0.46	<0.5	11	46	34	2.76	10
SH 163477		0.44	<0.2	1.77	15	<10	180	0.5	<2	0.49	<0.5	9	97	28	2.52	10
SH 163478		0.42	<0.2	1.76	22	<10	120	<0.5	<2	0.48	<0.5	14	91	18	2.69	10
SH 163479		0.52	<0.2	1.55	15	<10	200	<0.5	<2	0.73	<0.5	23	113	22	2.48	10
SH 163480		0.34	0.5	1.91	84	<10	480	0.7	<2	1.16	<0.5	18	50	39	3.73	10
SH 163481		0.46	<0.2	1.86	50	<10	320	0.6	<2	1.18	<0.5	13	48	43	3.35	10
SH 163482		0.22	<0.2	2.08	82	<10	420	0.6	<2	1.49	<0.5	15	61	37	3.56	10
SH 163483		0.30	<0.2	2.04	59	<10	240	0.5	<2	0.49	<0.5	12	54	15	3.49	10
SH 163484		0.46	0.2	2.81	87	<10	340	0.8	<2	0.53	<0.5	22	63	33	4.45	10
SH 163485		0.42	<0.2	2.47	49	<10	210	0.5	<2	0.49	<0.5	18	65	18	3.97	10
SH 163486		0.42	2.2	1.69	365	<10	330	0.5	<2	0.48	0.8	20	44	17	4.10	10
SH 163487		0.54	4.8	1.17	891	<10	190	<0.5	<2	0.28	2.7	16	27	16	3.51	10
SH 163488		0.54	1.9	1.37	600	<10	280	0.6	<2	0.52	1.2	16	39	15	3.98	10
SH 163489		0.30	4.1	0.90	279	<10	310	0.8	<2	1.21	2.5	9	21	22	2.42	<10
SH 163490		0.50	0.2	1.54	112	<10	280	<0.5	<2	0.36	<0.5	72	60	19	4.65	10
SH 163491		0.40	0.4	1.79	19	<10	340	0.6	<2	0.22	1.8	9	28	9	2.76	10
SH 163492		0.40	2.1	1.40	299	<10	360	0.9	<2	0.41	0.8	9	29	14	3.05	<10
SH 163493		0.58	1.4	1.39	200	<10	310	0.7	<2	0.88	1.1	15	34	16	3.07	10
SH 163494		0.48	0.7	1.58	152	<10	450	0.9	5	0.61	1.7	11	32	47	3.25	<10
SH 163495		0.48	0.6	2.00	99	<10	350	0.8	<2	0.48	1.4	15	56	21	3.65	10
SH 163496		0.54	0.3	1.79	124	<10	450	0.8	<2	0.74	0.6	12	33	25	3.25	10
SH 163497		0.66	0.2	1.42	100	<10	300	0.6	<2	0.41	<0.5	8	30	22	2.83	<10
SH 163498		0.46	<0.2	1.47	32	<10	520	0.8	<2	0.42	<0.5	9	21	14	2.72	10
SH 163499		0.54	<0.2	1.36	22	<10	500	0.5	<2	0.40	0.5	8	25	9	2.75	10
SH 163500		0.46	0.6	1.66	39	<10	610	0.9	<2	0.84	<0.5	10	21	23	2.49	10
SH 163544		0.50	0.4	1.62	44	<10	520	0.6	2	0.27	0.6	9	29	13	2.85	<10
SH 163545		0.42	<0.2	1.35	28	<10	620	0.5	<2	0.41	0.5	7	20	9	2.62	<10
SH 163546		0.58	0.8	1.44	94	<10	680	0.6	<2	0.28	<0.5	6	26	22	2.40	<10
SH 163547		0.50	0.4	1.17	123	<10	270	0.6	2	0.04	0.7	18	37	108	6.63	10
SH 163548		0.52	0.2	2.17	69	<10	300	0.6	<2	0.10	<0.5	10	35	32	4.30	10
SH 163549		0.60	0.2	1.11	86	<10	90	<0.5	<2	0.07	<0.5	8	29	34	4.76	10
SH 163550		0.40	<0.2	1.19	12	<10	610	0.6	<2	0.31	<0.5	8	29	9	2.57	<10
TH 162865		0.46	<0.2	0.81	7	<10	150	<0.5	<2	0.69	<0.5	7	26	18	1.90	<10



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Sample Description	Method Analyte Units LOR	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20
SH 163217		<1	0.08	10	0.43	544	1	0.02	30	1210	13	0.02	<2	4	26	<20
SH 163470		<1	0.05	10	0.37	126	3	0.02	10	260	11	0.02	<2	3	21	<20
SH 163471		<1	0.06	10	0.49	152	1	0.02	15	500	10	0.03	<2	4	27	<20
SH 163472		<1	0.07	10	0.53	287	2	0.01	21	430	21	0.01	2	4	34	<20
SH 163473		<1	0.07	20	0.49	490	4	0.01	20	770	23	0.04	2	4	32	<20
SH 163474		<1	0.06	20	0.60	189	1	0.01	30	690	22	0.12	<2	4	47	<20
SH 163475																
SH 163476		<1	0.06	10	0.54	332	<1	0.01	27	510	13	<0.01	<2	5	35	<20
SH 163477		<1	0.05	10	0.72	175	<1	0.01	44	640	13	0.01	<2	5	36	<20
SH 163478		<1	0.10	10	0.87	690	1	0.01	44	440	16	<0.01	<2	4	34	<20
SH 163479		<1	0.07	10	0.81	1320	1	0.02	59	790	14	0.05	<2	4	44	<20
SH 163480		1	0.50	20	1.01	1000	<1	0.02	29	650	17	0.06	107	6	46	<20
SH 163481		<1	0.34	20	1.13	701	<1	0.02	28	690	8	0.06	4	6	43	<20
SH 163482		<1	0.37	20	1.19	743	<1	0.02	29	620	17	0.06	3	6	57	<20
SH 163483		<1	0.31	10	1.18	527	<1	0.01	22	320	9	0.01	2	4	24	<20
SH 163484		<1	0.79	30	1.73	935	<1	0.02	34	660	15	0.02	2	5	27	<20
SH 163485		<1	0.39	20	1.43	620	<1	0.01	28	380	16	<0.01	5	5	22	<20
SH 163486		<1	0.10	20	0.72	2280	<1	0.01	22	750	170	0.01	15	5	27	<20
SH 163487		<1	0.12	10	0.48	3850	<1	0.01	17	730	374	0.04	51	4	28	<20
SH 163488		<1	0.15	20	0.62	4930	1	0.01	17	750	201	0.01	30	4	30	<20
SH 163489		<1	0.09	40	0.34	2420	1	0.01	23	700	167	0.06	16	4	56	<20
SH 163490		<1	0.11	20	0.82	4590	1	0.01	22	730	36	0.02	9	4	20	<20
SH 163491		<1	0.06	10	0.32	403	1	0.01	14	110	20	<0.01	2	3	14	<20
SH 163492		<1	0.09	80	0.33	664	2	0.01	19	360	61	0.02	8	4	23	30
SH 163493		<1	0.11	30	0.60	1390	1	0.02	19	640	77	0.04	7	4	60	<20
SH 163494		<1	0.18	10	0.40	596	1	0.02	21	210	89	<0.01	5	6	33	<20
SH 163495		<1	0.27	10	0.69	644	1	0.02	29	200	42	<0.01	3	8	30	<20
SH 163496		<1	0.25	20	0.59	803	1	0.01	22	300	40	<0.01	3	6	46	<20
SH 163497		<1	0.17	20	0.48	414	1	0.01	20	240	29	<0.01	2	6	30	<20
SH 163498		<1	0.24	20	0.39	748	1	<0.01	14	310	28	<0.01	2	4	29	<20
SH 163499		<1	0.14	10	0.29	568	1	0.01	14	170	21	<0.01	<2	3	31	<20
SH 163500		<1	0.13	10	0.27	1550	1	0.01	15	420	35	<0.01	<2	4	63	<20
SH 163544		1	0.13	10	0.34	585	1	0.01	16	170	28	<0.01	3	4	26	<20
SH 163545		<1	0.10	10	0.24	327	1	0.01	11	260	19	<0.01	<2	3	30	<20
SH 163546		<1	0.05	20	0.41	216	<1	0.01	19	370	45	<0.01	2	4	18	<20
SH 163547		<1	0.04	20	0.07	361	10	<0.01	116	600	23	<0.01	10	4	8	<20
SH 163548		<1	0.06	10	0.39	367	2	0.01	34	410	25	<0.01	3	4	12	<20
SH 163549		<1	0.06	10	0.25	326	5	<0.01	44	930	18	<0.01	8	2	14	<20
SH 163550		1	0.08	10	0.32	353	1	0.01	24	890	13	<0.01	<2	3	23	<20
TH 162865		<1	0.04	10	0.37	336	1	0.01	20	780	6	<0.01	<2	3	42	<20



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Sample Description	Method Analyte Units LOR	ME-ICP41 Ti %	ME-ICP41 Ti ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm	ME-ICP41 Zn ppm	Au-AA23 Au ppm
		0.01	10	10	1	10	2	0.005
SH 163217		0.11	<10	<10	52	<10	94	<0.005
SH 163470		0.08	<10	<10	40	<10	48	0.007
SH 163471		0.07	<10	<10	52	<10	53	0.010
SH 163472		0.07	<10	<10	47	<10	71	0.031
SH 163473		0.04	<10	<10	45	<10	60	0.092
SH 163474		0.05	<10	<10	41	<10	74	0.028
SH 163475								
SH 163476		0.09	<10	<10	63	<10	57	0.006
SH 163477		0.07	<10	<10	53	<10	60	0.019
SH 163478		0.09	<10	<10	62	<10	97	<0.005
SH 163479		0.06	<10	<10	48	<10	75	<0.005
SH 163480		0.11	<10	<10	66	<10	74	0.021
SH 163481		0.11	<10	<10	59	<10	65	0.016
SH 163482		0.13	<10	<10	71	<10	75	0.019
SH 163483		0.14	<10	<10	73	<10	65	<0.005
SH 163484		0.18	<10	<10	84	<10	116	0.016
SH 163485		0.16	<10	<10	85	<10	70	0.006
SH 163486		0.07	<10	<10	72	<10	263	0.027
SH 163487		0.04	<10	<10	41	<10	784	0.152
SH 163488		0.07	<10	<10	55	<10	248	0.059
SH 163489		0.03	<10	<10	25	<10	222	0.096
SH 163490		0.10	<10	<10	92	<10	82	0.008
SH 163491		0.05	<10	<10	62	<10	118	<0.005
SH 163492		0.04	<10	<10	45	<10	118	0.055
SH 163493		0.05	<10	<10	50	<10	173	0.024
SH 163494		0.04	<10	<10	50	<10	113	0.011
SH 163495		0.04	<10	<10	69	<10	98	<0.005
SH 163496		0.06	<10	<10	54	<10	87	<0.005
SH 163497		0.07	<10	<10	46	<10	72	0.009
SH 163498		0.02	<10	<10	36	<10	75	<0.005
SH 163499		0.04	<10	<10	48	<10	85	<0.005
SH 163500		0.02	<10	<10	39	<10	81	0.005
SH 163544		0.05	<10	<10	54	<10	69	0.005
SH 163545		0.02	<10	<10	49	<10	51	<0.005
SH 163546		0.04	<10	<10	44	<10	69	0.033
SH 163547		0.01	<10	<10	72	<10	292	0.011
SH 163548		0.02	<10	<10	73	<10	105	0.005
SH 163549		0.05	<10	<10	77	<10	163	0.006
SH 163550		0.07	<10	<10	45	<10	108	<0.005
TH 162865		0.05	<10	<10	45	<10	43	0.018



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CERTIFICATE OF ANALYSIS VA08113491

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
TH 162866		0.48	<0.2	0.74	6	<10	130	<0.5	<2	0.58	<0.5	7	23	16	1.99	<10
TH 162867		0.48	<0.2	0.71	7	<10	150	<0.5	<2	0.55	<0.5	7	19	13	2.02	<10
TH 162868		0.52	<0.2	0.65	7	<10	100	<0.5	<2	0.59	<0.5	5	19	11	1.84	<10
TH 162869		0.38	<0.2	0.75	5	<10	120	<0.5	<2	0.74	<0.5	6	21	14	1.70	<10
TH 162870		0.30	<0.2	0.68	4	<10	110	<0.5	<2	0.62	<0.5	5	20	16	1.61	<10
TH 162871		0.36	<0.2	0.77	4	<10	160	<0.5	<2	0.74	<0.5	6	21	15	1.64	<10
TH 162872		0.34	<0.2	0.83	5	<10	170	<0.5	<2	0.81	<0.5	7	22	16	1.80	<10
TH 162873		0.34	<0.2	0.81	4	<10	150	<0.5	<2	0.77	<0.5	7	24	20	1.58	<10
TH 162874		0.36	<0.2	0.68	3	<10	110	<0.5	<2	1.11	<0.5	6	18	9	1.44	<10
TH 162875		0.34	<0.2	0.82	5	<10	170	<0.5	<2	1.06	<0.5	9	23	16	1.86	<10
TH 162876		0.44	<0.2	0.78	3	<10	150	<0.5	<2	1.75	<0.5	7	24	12	1.94	<10
TH 162877		0.38	<0.2	0.72	5	<10	180	<0.5	<2	1.08	<0.5	8	21	12	1.76	<10
TH 162878		0.32	<0.2	0.80	5	10	170	<0.5	<2	1.42	<0.5	9	23	17	1.88	<10
TH 162897		0.44	<0.2	0.86	7	10	210	<0.5	<2	1.03	<0.5	8	25	15	1.99	<10
TH 162898		0.52	<0.2	0.77	7	<10	130	<0.5	<2	0.74	<0.5	7	25	15	2.04	<10
TH 162899		0.50	<0.2	0.79	6	<10	140	<0.5	<2	0.72	<0.5	7	24	17	1.71	<10
TH 162900		0.48	2.6	1.38	233	<10	370	<0.5	2	0.64	3.2	28	47	22	3.78	<10
TH 163150		0.46	3.0	1.35	271	<10	330	0.6	4	0.95	2.2	16	30	36	3.08	<10
TH 164698		0.56	7.2	1.44	424	<10	310	0.6	9	0.48	3.0	17	32	44	2.91	<10



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Project: Sonora

CERTIFICATE OF ANALYSIS VA08113491

Sample Description	Method Analyte Units LOR	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20
TH 162866		<1	0.05	10	0.41	258	<1	0.01	16	670	4	<0.01	<2	3	38	<20
TH 162867		<1	0.04	10	0.38	568	1	0.01	16	690	5	<0.01	<2	3	38	<20
TH 162868		<1	0.04	10	0.38	235	1	0.01	14	690	4	<0.01	<2	3	36	<20
TH 162869		<1	0.06	10	0.42	327	1	0.01	16	700	3	0.04	<2	2	41	<20
TH 162870		<1	0.05	10	0.37	311	<1	0.01	16	650	3	0.02	2	2	34	<20
TH 162871		<1	0.05	10	0.44	234	<1	0.01	18	650	4	0.02	<2	3	45	<20
TH 162872		<1	0.06	10	0.48	291	<1	0.02	20	670	4	0.04	<2	3	49	<20
TH 162873		<1	0.06	10	0.50	155	1	0.02	20	620	4	0.08	2	3	55	<20
TH 162874		<1	0.05	10	0.43	279	<1	0.02	15	630	3	0.02	<2	2	66	<20
TH 162875		<1	0.06	10	0.50	857	<1	0.01	21	730	4	0.04	<2	3	73	<20
TH 162876		<1	0.06	10	0.49	604	<1	0.01	21	790	4	0.03	<2	3	83	<20
TH 162877		<1	0.05	10	0.45	1530	<1	0.01	20	700	4	0.01	<2	3	65	<20
TH 162878		<1	0.06	10	0.52	1035	<1	0.01	22	730	5	0.04	<2	3	84	<20
TH 162897		<1	0.06	10	0.50	703	<1	0.01	21	730	4	0.04	<2	3	60	<20
TH 162898		<1	0.05	10	0.48	519	<1	0.01	19	750	4	0.01	<2	3	42	<20
TH 162899		<1	0.05	10	0.45	306	<1	0.02	22	680	2	0.05	<2	3	40	<20
TH 162900		<1	0.09	10	0.63	8290	<1	0.02	25	900	282	0.08	52	5	33	<20
TH 163150		<1	0.11	20	0.47	1525	<1	0.01	32	1000	98	0.08	5	5	51	<20
TH 164698		<1	0.10	10	0.75	256	<1	0.01	22	600	377	0.08	61	8	44	<20



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CERTIFICATE OF ANALYSIS VA08113491

Sample Description	Method Analyte Units LOR	ME-ICP41 Ti %	ME-ICP41 Ti ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm	ME-ICP41 Zn ppm	Au-AA23 Au ppm
TH 162866		0.06	<10	<10	46	<10	36	0.078
TH 162867		0.05	<10	<10	41	<10	40	<0.005
TH 162868		0.05	<10	<10	43	<10	35	0.005
TH 162869		0.05	<10	<10	37	<10	44	<0.005
TH 162870		0.05	<10	<10	37	<10	33	<0.005
TH 162871		0.05	<10	<10	33	<10	41	<0.005
TH 162872		0.05	<10	<10	35	<10	44	<0.005
TH 162873		0.05	<10	<10	36	<10	41	<0.005
TH 162874		0.05	<10	<10	30	<10	32	<0.005
TH 162875		0.05	<10	<10	35	<10	43	<0.005
TH 162876		0.06	<10	<10	39	<10	41	0.006
TH 162877		0.05	<10	<10	35	<10	41	<0.005
TH 162878		0.05	<10	<10	34	<10	48	<0.005
TH 162897		0.05	<10	<10	36	<10	43	<0.005
TH 162898		0.05	<10	<10	44	<10	39	<0.005
TH 162899		0.05	<10	<10	39	<10	44	0.005
TH 162900		0.04	<10	<10	61	<10	250	0.024
TH 163150		0.02	<10	<10	45	<10	156	0.050
TH 164698		0.02	<10	<10	60	<10	181	0.182



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CERTIFICATE VA08123078

Project: Sonora

P.O. No.:

This report is for 112 Soil samples submitted to our lab in Vancouver, BC, Canada on 2-SEP-2008.

The following have access to data associated with this certificate:

GREG HAYES

CARL SCHULZE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: NORTHERN TIGER RESOURCES
ATTN: CARL SCHULZE
35 DAWSON RD.
WHITEHORSE YT Y1A 5T6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Project: Sonora

CERTIFICATE OF ANALYSIS VA08123078

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
SH 894501		0.60	0.024	0.6	2.23	20	<10	210	<0.5	2	1.32	<0.5	31	427	129	2.79
SH 894502		0.64	<0.005	0.3	1.76	12	<10	170	0.5	<2	1.67	<0.5	34	295	35	2.46
SH 894503		0.66	0.055	0.4	1.33	74	<10	130	<0.5	<2	0.94	0.5	9	55	18	2.34
SH 894504		0.42	<0.005	0.2	0.45	3	<10	130	<0.5	<2	0.08	<0.5	2	14	13	0.76
SH 894505		0.50	<0.005	0.2	1.75	23	<10	270	<0.5	<2	0.21	<0.5	12	27	13	3.27
SH 894506		0.78	<0.005	0.2	2.22	30	<10	290	<0.5	<2	0.30	<0.5	12	36	25	3.26
SH 894507		0.66	<0.005	<0.2	2.00	14	<10	170	<0.5	<2	0.18	<0.5	9	37	17	2.97
SH 894508		0.54	<0.005	0.3	1.70	16	<10	330	<0.5	<2	0.30	<0.5	15	62	18	3.20
SH 894509		0.68	<0.005	0.4	1.96	14	<10	250	<0.5	<2	0.34	<0.5	16	52	22	2.92
SH 894510		0.62	<0.005	0.2	1.88	10	<10	250	<0.5	<2	0.31	<0.5	13	30	13	2.85
SH 894511		0.64	<0.005	0.2	1.76	11	<10	320	<0.5	<2	0.37	<0.5	10	29	13	2.70
SH 894512		0.64	0.005	0.3	1.93	63	<10	440	0.5	<2	1.55	<0.5	13	51	47	3.22
SH 894513		0.40	<0.005	0.5	1.45	41	<10	520	0.5	<2	2.02	<0.5	10	42	60	2.37
SH 894514		0.48	<0.005	0.2	2.58	40	<10	250	0.5	<2	0.61	<0.5	23	74	42	4.20
SH 893510		0.38	<0.005	<0.2	1.64	4	<10	350	<0.5	<2	0.54	<0.5	11	22	10	2.47
SH 893511		0.60	<0.005	<0.2	1.74	7	<10	260	0.5	<2	0.38	<0.5	11	28	13	3.01
SH 893512		0.54	0.012	<0.2	0.97	4	<10	120	<0.5	<2	0.21	<0.5	4	15	3	1.54
SH 893513		0.52	<0.005	<0.2	1.75	4	<10	150	<0.5	<2	0.28	<0.5	8	31	4	2.54
SH 893514		0.46	<0.005	<0.2	1.49	4	<10	250	<0.5	3	0.21	<0.5	9	28	8	2.37
SH 893515		0.44	<0.005	<0.2	1.32	6	<10	200	<0.5	<2	0.32	<0.5	6	23	9	2.30
SH 893516		0.48	<0.005	<0.2	1.78	7	<10	170	<0.5	<2	0.31	<0.5	8	25	14	2.86
SH 893517		0.38	<0.005	<0.2	1.41	5	<10	530	0.6	2	1.47	0.7	9	24	49	2.36
SH 893518		0.26	<0.005	<0.2	1.43	2	<10	330	<0.5	2	0.63	<0.5	8	23	33	2.46
SH 893524		0.50	0.220	0.6	1.90	40	<10	130	0.8	4	1.44	0.6	16	68	282	3.22
SH 893525		0.36	0.005	0.6	1.44	7	<10	120	0.5	4	2.12	1.0	13	37	175	2.32
SH 893526		0.52	<0.005	0.4	1.35	29	<10	120	<0.5	3	0.73	<0.5	21	129	26	2.85
SH 893527		0.60	<0.005	<0.2	1.54	12	<10	150	<0.5	2	0.56	<0.5	45	142	22	2.74
SH 893528		0.76	0.032	0.2	1.58	14	<10	170	0.5	3	0.76	<0.5	32	132	46	2.96
SH 893529		0.56	0.011	0.2	1.91	65	<10	140	<0.5	2	0.86	<0.5	20	124	50	3.16
SH 893530		0.82	0.006	<0.2	1.67	38	<10	180	<0.5	<2	0.74	<0.5	18	80	28	2.78
SH 893531		0.56	0.016	0.3	1.60	30	<10	180	<0.5	3	0.75	<0.5	17	67	21	2.55
SH 893532		0.56	0.005	<0.2	1.91	26	<10	220	0.6	2	0.46	<0.5	12	52	40	3.21
SH 893533		0.46	<0.005	<0.2	1.50	21	<10	160	<0.5	2	0.69	<0.5	13	43	29	2.49
SH 893534		0.52	<0.005	0.3	1.72	26	<10	160	<0.5	<2	0.49	0.5	20	36	27	2.84
SH 893535		0.56	0.070	0.3	1.79	32	<10	140	<0.5	2	0.54	0.8	7	35	32	2.57
SH 893536		0.44	<0.005	1.2	2.02	149	<10	320	0.6	<2	0.33	1.6	10	46	26	3.25
SH 893537		0.60	<0.005	0.8	2.15	279	<10	300	0.8	<2	0.12	<0.5	6	49	43	3.82
SH 893538		0.38	<0.005	0.5	0.79	33	<10	190	<0.5	<2	0.09	0.5	2	22	27	1.94
SH 893539		0.48	<0.005	0.2	0.99	83	<10	280	<0.5	<2	0.09	<0.5	4	30	27	2.61
SH 893540		0.76	<0.005	0.2	2.15	52	<10	500	0.7	2	0.47	0.5	13	54	57	3.80



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CERTIFICATE OF ANALYSIS VA08123078

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
SH 894501		10	<1	0.11	10	3.09	572	<1	0.01	255	400	16	0.03	<2	5
SH 894502		<10	<1	0.08	10	2.58	672	<1	0.01	438	550	11	0.06	<2	4
SH 894503		<10	<1	0.10	10	0.68	238	<1	<0.01	35	650	31	0.04	<2	4
SH 894504		<10	<1	0.03	<10	0.06	63	1	0.02	7	250	4	0.01	<2	<1
SH 894505		10	<1	0.04	10	0.44	368	1	<0.01	16	320	7	<0.01	<2	4
SH 894506		10	<1	0.08	10	0.58	739	1	0.01	23	550	8	<0.01	<2	4
SH 894507		10	<1	0.06	10	0.49	279	1	<0.01	21	290	8	<0.01	<2	4
SH 894508		10	<1	0.06	10	0.52	479	1	0.01	28	290	9	<0.01	<2	3
SH 894509		10	<1	0.07	10	0.53	669	1	0.01	27	190	10	<0.01	<2	4
SH 894510		10	<1	0.08	10	0.56	390	<1	<0.01	17	200	12	<0.01	<2	4
SH 894511		10	<1	0.11	10	0.52	336	<1	0.01	16	210	18	<0.01	<2	3
SH 894512		10	<1	0.14	20	0.84	523	<1	0.02	31	590	6	0.05	2	7
SH 894513		<10	<1	0.08	20	0.63	418	<1	0.02	28	620	6	0.08	3	6
SH 894514		10	<1	0.58	10	2.02	933	<1	0.01	34	570	12	0.01	<2	7
SH 893510		10	<1	0.11	10	0.57	869	<1	0.03	14	540	7	<0.01	<2	4
SH 893511		10	<1	0.13	10	0.57	506	<1	0.01	14	300	7	<0.01	<2	6
SH 893512		<10	<1	0.09	10	0.21	154	<1	<0.01	8	220	8	<0.01	<2	2
SH 893513		10	<1	0.10	10	0.70	380	<1	<0.01	18	240	7	<0.01	<2	3
SH 893514		<10	1	0.05	10	0.40	353	1	0.02	13	150	5	0.01	<2	3
SH 893515		<10	<1	0.05	10	0.42	188	<1	0.01	12	360	6	0.01	<2	3
SH 893516		<10	<1	0.08	20	0.64	319	1	0.02	15	530	7	0.01	2	4
SH 893517		<10	1	0.08	30	0.54	676	<1	0.03	22	760	6	0.04	2	6
SH 893518		10	<1	0.22	20	0.60	1000	<1	0.03	13	480	6	0.02	<2	5
SH 893524		10	1	0.08	10	1.33	463	12	0.04	60	680	14	0.07	4	6
SH 893525		<10	<1	0.06	10	0.57	292	1	0.03	39	760	13	0.11	<2	3
SH 893526		10	1	0.06	10	0.67	644	4	0.02	50	680	18	0.06	<2	4
SH 893527		<10	<1	0.08	10	1.36	740	1	0.03	181	500	15	0.04	<2	4
SH 893528		10	<1	0.10	20	1.65	481	<1	0.04	247	570	17	0.05	<2	5
SH 893529		<10	<1	0.13	20	1.61	339	<1	0.04	128	600	36	0.07	<2	6
SH 893530		<10	<1	0.09	20	1.01	341	<1	0.04	86	550	20	0.05	<2	5
SH 893531		<10	<1	0.07	10	0.86	415	1	0.03	61	610	23	0.05	<2	4
SH 893532		10	1	0.08	20	0.67	390	1	0.03	32	570	16	0.03	<2	5
SH 893533		<10	<1	0.06	10	0.64	634	2	0.03	26	550	13	0.04	<2	4
SH 893534		10	<1	0.06	10	0.61	946	3	0.03	21	670	19	0.05	<2	4
SH 893535		10	1	0.07	10	0.66	246	2	0.02	18	540	18	0.03	3	4
SH 893536		10	<1	0.10	10	0.52	373	6	0.02	41	1100	12	0.05	3	4
SH 893537		10	<1	0.12	10	0.42	192	19	0.01	27	1530	33	0.15	4	5
SH 893538		10	1	0.07	10	0.09	84	2	0.02	9	650	12	0.10	<2	<1
SH 893539		<10	<1	0.11	10	0.18	153	3	0.02	24	640	11	0.11	2	1
SH 893540		10	1	0.19	20	0.78	387	2	0.03	52	840	9	0.04	<2	8



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CERTIFICATE OF ANALYSIS VA08123078

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Te	Th	Ti	Tl	U	V	W
		ppm 10	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10
SH 894501		<10	<20	0.07	<10	<10	57	<10
SH 894502		<10	<20	0.06	<10	<10	42	<10
SH 894503		<10	<20	0.08	<10	<10	45	<10
SH 894504		<10	<20	0.03	<10	<10	23	<10
SH 894505		<10	<20	0.06	<10	<10	86	<10
SH 894506		<10	<20	0.09	<10	<10	79	<10
SH 894507		<10	<20	0.09	<10	<10	81	<10
SH 894508		<10	<20	0.08	<10	<10	84	<10
SH 894509		<10	<20	0.08	<10	<10	78	<10
SH 894510		<10	<20	0.09	<10	<10	75	<10
SH 894511		<10	<20	0.07	<10	<10	69	<10
SH 894512		<10	<20	0.07	<10	<10	62	<10
SH 894513		<10	<20	0.04	<10	<10	47	<10
SH 894514		<10	<20	0.20	<10	<10	90	<10
SH 893510		<10	<20	0.08	<10	<10	53	<10
SH 893511		<10	<20	0.06	<10	<10	65	<10
SH 893512		<10	<20	0.02	<10	<10	30	<10
SH 893513		<10	<20	0.09	<10	<10	58	<10
SH 893514		<10	<20	0.07	<10	<10	60	<10
SH 893515		<10	<20	0.07	<10	<10	54	<10
SH 893516		<10	<20	0.08	<10	<10	60	<10
SH 893517		<10	<20	0.05	<10	<10	49	<10
SH 893518		<10	<20	0.12	<10	<10	60	<10
SH 893524		<10	<20	0.08	<10	<10	54	<10
SH 893525		<10	<20	0.07	<10	<10	41	<10
SH 893526		<10	<20	0.05	<10	<10	63	<10
SH 893527		<10	<20	0.09	<10	<10	57	<10
SH 893528		<10	<20	0.11	<10	<10	56	<10
SH 893529		<10	<20	0.11	<10	<10	57	<10
SH 893530		<10	<20	0.10	<10	<10	57	<10
SH 893531		<10	<20	0.08	<10	<10	56	<10
SH 893532		<10	<20	0.11	<10	<10	63	<10
SH 893533		<10	<20	0.08	<10	<10	53	<10
SH 893534		<10	<20	0.08	<10	<10	60	<10
SH 893535		<10	<20	0.09	<10	<10	55	<10
SH 893536		<10	<20	0.08	<10	<10	126	<10
SH 893537		<10	<20	0.04	<10	<10	205	<10
SH 893538		<10	<20	0.04	<10	<10	70	<10
SH 893539		<10	<20	0.07	<10	<10	101	<10
SH 893540		<10	<20	0.14	<10	<10	86	<10



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CERTIFICATE OF ANALYSIS VA08123078

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
SH 893541		0.54	<0.005	0.2	1.93	67	<10	300	<0.5	<2	0.28	<0.5	7	45	32	3.35
SH 893542		0.70	<0.005	0.2	2.33	219	<10	540	0.9	2	0.27	0.6	17	65	38	4.60
SH 893543		0.52	0.007	<0.2	2.43	109	<10	670	1.1	<2	0.46	<0.5	22	68	50	5.63
SH 893544		0.56	0.020	0.3	1.83	150	<10	180	0.6	<2	2.36	<0.5	14	72	24	3.27
SH 893545		0.72	<0.005	<0.2	2.12	52	<10	220	0.6	<2	1.22	<0.5	17	38	38	4.02
SH 893551		0.60	<0.005	<0.2	2.31	25	<10	240	0.9	2	1.21	<0.5	13	51	34	3.69
SH 893552		0.68	<0.005	<0.2	2.38	30	<10	190	0.8	<2	1.15	<0.5	14	50	27	3.85
SH 893553		0.56	<0.005	<0.2	2.24	22	<10	230	0.8	<2	1.25	<0.5	13	73	23	3.11
SH 893554		0.62	0.041	0.7	1.78	179	<10	200	0.8	2	1.55	<0.5	30	344	25	3.87
SH 893555		0.50	<0.005	<0.2	2.03	43	<10	210	0.6	2	2.05	<0.5	19	461	29	3.06
SH 893556		0.62	0.056	0.3	1.80	247	<10	290	1.3	3	1.81	0.7	27	226	36	4.76
SH 893557		0.56	0.012	0.3	1.79	79	<10	270	0.8	2	2.76	0.5	18	116	30	3.59
SH 893558		0.68	<0.005	<0.2	1.81	33	<10	200	0.8	<2	2.35	<0.5	19	210	24	3.52
SH 893559		0.58	<0.005	<0.2	1.65	36	<10	200	1.0	3	1.07	<0.5	31	139	31	5.25
SH 894035		0.58	<0.005	<0.2	1.61	7	<10	400	0.8	<2	0.60	<0.5	9	31	32	2.85
SH 894036		0.54	<0.005	<0.2	1.37	4	<10	210	<0.5	<2	0.38	<0.5	6	23	11	2.33
SH 894037		0.50	<0.005	<0.2	1.48	2	<10	310	0.7	3	0.33	<0.5	8	33	13	2.65
SH 894038		0.46	<0.005	<0.2	1.40	4	<10	400	0.6	<2	0.39	<0.5	9	34	12	2.73
SH 894039		0.52	<0.005	<0.2	1.34	5	<10	320	0.6	<2	0.44	<0.5	9	33	13	2.65
SH 894040		0.52	<0.005	<0.2	1.51	2	<10	320	0.7	<2	0.43	<0.5	10	34	15	2.92
SH 894041		0.64	<0.005	<0.2	1.81	5	<10	290	0.8	<2	0.61	<0.5	7	25	19	2.53
SH 894042		0.66	<0.005	<0.2	1.75	5	<10	410	0.8	<2	0.61	<0.5	9	31	24	2.73
SH 894043		0.62	0.018	<0.2	2.21	<2	<10	380	0.9	<2	0.74	<0.5	8	24	26	2.62
SH 894044		0.54	<0.005	<0.2	1.15	2	<10	310	0.5	<2	0.40	<0.5	8	31	12	2.40
SH 894045		0.60	0.015	0.3	1.40	22	<10	100	<0.5	3	0.52	<0.5	5	32	25	2.08
SH 894046		0.74	0.013	0.4	1.65	23	<10	130	<0.5	4	0.43	0.6	6	35	38	2.01
SH 894047		0.62	0.010	0.3	1.57	24	<10	170	0.5	4	0.52	0.7	14	37	47	2.66
SH 894048		0.52	0.021	1.6	1.58	37	<10	120	0.8	5	3.65	5.2	14	110	227	2.19
SH 894049		0.72	0.040	1.9	1.80	116	<10	130	0.8	9	1.91	2.3	19	81	129	3.83
SH 894050		0.46	<0.005	1.3	1.18	26	<10	120	<0.5	4	1.87	1.5	15	92	173	1.99
SH 894051		0.46	<0.005	2.4	1.08	490	<10	530	1.1	<2	0.25	0.5	8	20	16	3.06
SH 894052		0.54	0.010	2.6	0.49	514	<10	310	0.6	2	0.23	0.9	7	10	10	2.33
SH 894053		0.46	0.005	0.7	1.48	107	<10	370	0.9	<2	0.13	1.2	7	13	8	3.16
SH 894054		0.48	<0.005	<0.2	1.34	15	<10	120	<0.5	<2	0.08	<0.5	4	25	7	3.19
SH 894055		0.52	<0.005	<0.2	1.53	7	<10	110	<0.5	<2	0.17	<0.5	7	25	10	3.54
SH 894056		0.48	<0.005	0.2	2.31	25	<10	160	<0.5	<2	0.13	<0.5	9	37	18	3.81
SH 894057		0.50	<0.005	<0.2	2.09	9	<10	270	<0.5	<2	0.57	<0.5	15	77	94	2.92
SH 894058		0.64	<0.005	<0.2	2.32	37	<10	340	<0.5	<2	0.40	<0.5	15	52	39	3.72
SH 894059		0.60	<0.005	<0.2	2.19	16	<10	250	<0.5	<2	0.28	<0.5	11	36	24	3.59
SH 894060		0.72	<0.005	<0.2	3.01	13	<10	270	0.5	<2	0.15	<0.5	15	50	28	3.43



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
SH 893541		10	1	0.13	20	0.61	258	2	0.02	28	670	9	0.05	<2	3
SH 893542		10	<1	0.17	20	0.74	670	3	0.02	48	660	9	0.05	4	6
SH 893543		10	1	0.16	20	0.96	1010	3	0.02	53	1310	10	0.04	9	9
SH 893544		10	<1	0.10	20	0.79	870	<1	0.03	42	570	24	0.07	7	5
SH 893545		10	1	0.33	30	1.12	640	<1	0.02	28	450	20	0.04	3	8
SH 893551		10	<1	0.46	40	1.37	614	<1	0.02	43	680	16	0.04	<2	5
SH 893552		10	1	0.40	30	1.35	512	<1	0.02	44	550	24	0.04	<2	5
SH 893553		10	<1	0.15	40	1.14	824	1	0.02	41	580	15	0.06	<2	5
SH 893554		<10	<1	0.20	30	1.67	1190	1	0.02	206	530	43	0.07	14	7
SH 893555		10	1	0.23	20	1.92	575	<1	0.03	151	640	18	0.08	<2	5
SH 893556		<10	1	0.22	40	1.34	1210	1	0.03	163	670	49	0.09	16	10
SH 893557		<10	<1	0.22	30	1.14	1010	<1	0.03	79	740	18	0.10	4	6
SH 893558		<10	1	0.23	50	1.45	841	1	0.02	93	720	12	0.08	<2	6
SH 893559		<10	1	0.18	40	0.93	1010	1	0.02	100	1090	22	0.08	7	12
SH 894035		10	<1	0.15	10	0.49	668	1	<0.01	27	700	10	0.01	<2	5
SH 894036		<10	<1	0.05	10	0.35	233	<1	<0.01	13	610	10	<0.01	<2	2
SH 894037		<10	1	0.05	10	0.39	254	<1	<0.01	25	350	6	<0.01	<2	5
SH 894038		10	<1	0.06	10	0.43	518	1	<0.01	28	700	5	<0.01	<2	4
SH 894039		<10	<1	0.10	10	0.36	491	1	<0.01	24	790	7	<0.01	<2	5
SH 894040		10	<1	0.19	20	0.41	582	1	<0.01	20	660	6	<0.01	<2	5
SH 894041		<10	<1	0.14	10	0.39	537	<1	<0.01	16	670	7	<0.01	<2	4
SH 894042		<10	1	0.10	10	0.45	771	<1	<0.01	19	440	8	0.01	2	5
SH 894043		10	1	0.26	10	0.42	841	<1	<0.01	16	600	5	<0.01	<2	4
SH 894044		<10	<1	0.20	10	0.39	592	1	<0.01	20	730	7	<0.01	<2	4
SH 894045		10	<1	0.06	10	0.57	151	1	<0.01	16	530	10	0.05	<2	3
SH 894046		<10	1	0.05	10	0.61	209	1	<0.01	18	540	15	0.03	<2	3
SH 894047		10	<1	0.04	10	0.50	531	2	0.01	21	500	15	0.03	<2	4
SH 894048		<10	<1	0.05	20	0.85	688	2	0.01	61	740	20	0.12	<2	4
SH 894049		<10	1	0.07	20	0.96	1010	22	0.01	47	670	56	0.07	<2	5
SH 894050		<10	1	0.05	10	0.70	414	2	0.01	78	700	44	0.10	4	3
SH 894051		<10	<1	0.11	10	0.14	659	2	<0.01	14	210	46	0.01	11	3
SH 894052		<10	<1	0.12	20	0.08	794	1	<0.01	8	570	175	0.01	16	3
SH 894053		<10	<1	0.08	20	0.09	277	1	<0.01	11	280	254	0.03	10	3
SH 894054		10	<1	0.04	10	0.24	236	1	<0.01	9	360	11	<0.01	<2	2
SH 894055		10	1	0.08	10	0.51	386	1	<0.01	10	680	7	0.01	<2	2
SH 894056		10	1	0.06	10	0.41	366	1	<0.01	22	380	15	0.01	2	4
SH 894057		10	<1	0.06	10	0.96	454	1	0.01	40	490	7	0.02	<2	9
SH 894058		<10	1	0.15	10	0.96	522	1	<0.01	33	460	7	<0.01	2	6
SH 894059		<10	1	0.10	10	0.66	453	1	<0.01	19	400	7	<0.01	<2	5
SH 894060		10	<1	0.07	10	0.74	277	1	<0.01	36	160	6	<0.01	<2	4



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Te	Th	Ti	Tl	U	V	W
		ppm 10	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10
SH 893541		<10	<20	0.10	<10	<10	85	<10
SH 893542		<10	<20	0.11	<10	<10	114	<10
SH 893543		<10	<20	0.10	<10	<10	103	<10
SH 893544		<10	<20	0.05	<10	<10	50	<10
SH 893545		<10	<20	0.11	<10	<10	66	<10
SH 893551		<10	<20	0.13	<10	<10	48	<10
SH 893552		<10	<20	0.11	<10	<10	48	<10
SH 893553		<10	<20	0.09	<10	<10	52	<10
SH 893554		<10	<20	0.06	<10	<10	48	<10
SH 893555		<10	<20	0.09	<10	<10	52	<10
SH 893556		<10	<20	0.05	<10	<10	47	<10
SH 893557		<10	<20	0.07	<10	<10	46	<10
SH 893558		<10	<20	0.07	<10	<10	46	<10
SH 893559		<10	<20	0.03	<10	<10	61	<10
SH 894035		<10	<20	0.12	<10	<10	57	<10
SH 894036		<10	<20	0.06	<10	<10	58	<10
SH 894037		<10	<20	0.11	<10	<10	58	<10
SH 894038		<10	<20	0.14	<10	<10	55	<10
SH 894039		<10	<20	0.13	<10	<10	54	<10
SH 894040		<10	<20	0.16	<10	<10	56	<10
SH 894041		<10	<20	0.11	<10	<10	50	<10
SH 894042		<10	<20	0.11	<10	<10	58	<10
SH 894043		<10	<20	0.11	<10	<10	51	<10
SH 894044		<10	<20	0.12	<10	<10	45	<10
SH 894045		<10	<20	0.07	<10	<10	42	<10
SH 894046		<10	<20	0.07	<10	<10	41	<10
SH 894047		<10	<20	0.07	<10	<10	55	<10
SH 894048		<10	<20	0.04	<10	<10	33	<10
SH 894049		<10	<20	0.06	<10	<10	50	<10
SH 894050		<10	<20	0.04	<10	<10	32	<10
SH 894051		<10	<20	<0.01	<10	<10	27	<10
SH 894052		<10	<20	<0.01	<10	<10	16	<10
SH 894053		<10	<20	<0.01	<10	<10	29	<10
SH 894054		<10	<20	0.09	<10	<10	85	<10
SH 894055		<10	<20	0.11	<10	<10	84	<10
SH 894056		<10	<20	0.09	<10	<10	73	<10
SH 894057		<10	<20	0.07	<10	<10	71	<10
SH 894058		<10	<20	0.11	<10	<10	81	<10
SH 894059		<10	<20	0.11	<10	<10	91	<10
SH 894060		<10	<20	0.12	<10	<10	83	<10



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CERTIFICATE OF ANALYSIS VA08123078

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
SH 894061		0.56	<0.005	<0.2	2.39	15	<10	310	0.5	2	0.21	<0.5	12	37	32	3.55
SH 894062		0.54	0.006	<0.2	2.05	11	<10	390	<0.5	<2	0.29	<0.5	9	35	25	2.89
SH 894063		0.40	<0.005	<0.2	2.02	3	<10	300	<0.5	2	0.24	<0.5	8	28	9	2.90
SH 894064		0.54	<0.005	<0.2	2.31	10	<10	380	<0.5	2	0.35	<0.5	12	34	31	3.57
SH 894065		0.40	<0.005	<0.2	1.71	9	<10	300	<0.5	<2	0.31	<0.5	11	28	19	2.81
H 894066		0.64	<0.005	<0.2	1.90	16	<10	350	<0.5	<2	0.31	<0.5	11	37	16	2.89
H 894067		0.60	<0.005	<0.2	2.38	16	<10	270	0.5	<2	0.41	<0.5	12	46	35	3.44
H 894068		0.58	<0.005	<0.2	2.05	5	<10	320	<0.5	2	0.33	<0.5	11	53	31	3.01
H 894069		0.56	<0.005	<0.2	2.16	6	<10	340	<0.5	2	0.22	<0.5	16	35	15	3.20
H 894070		0.56	0.015	<0.2	2.18	9	<10	260	0.5	<2	0.18	<0.5	11	42	21	3.27
H 894071		0.48	<0.005	0.5	1.83	30	<10	330	<0.5	<2	0.23	<0.5	11	35	18	3.21
H 894072		0.52	<0.005	0.5	2.48	20	<10	660	0.7	<2	0.25	<0.5	21	49	33	3.83
H 894073		0.62	<0.005	<0.2	2.26	20	<10	240	<0.5	<2	0.28	<0.5	12	42	38	3.38
H 894074		0.50	<0.005	<0.2	2.25	16	<10	220	<0.5	<2	0.26	<0.5	12	40	30	3.35
TH 164691		0.48	0.014	<0.2	1.27	40	<10	140	<0.5	<2	0.66	0.5	15	90	24	2.40
TH 164692		0.70	<0.005	<0.2	0.83	3	<10	120	<0.5	<2	0.59	<0.5	6	16	8	1.56
TH 163366		0.50	<0.005	<0.2	1.16	39	<10	270	<0.5	<2	1.25	<0.5	12	29	18	3.55
TH 163367		0.52	<0.005	0.2	0.77	48	<10	290	0.5	<2	1.00	0.5	17	22	26	3.74
TH 163368		0.46	<0.005	0.2	0.86	50	<10	220	0.5	<2	0.75	<0.5	11	23	25	3.06
TH 163369		0.52	<0.005	<0.2	0.86	22	<10	180	<0.5	<2	0.79	<0.5	11	27	18	2.74
TH 893548		0.58	0.008	0.2	1.21	17	<10	130	<0.5	<2	0.56	<0.5	8	35	25	2.05
TH 893549		0.54	<0.005	<0.2	1.05	3	<10	140	<0.5	<2	0.59	<0.5	7	18	10	1.72
TH 893550		0.56	<0.005	<0.2	1.06	3	<10	140	<0.5	<2	0.69	<0.5	7	17	8	1.75
TH 893597		0.58	0.010	<0.2	1.49	41	<10	220	0.5	<2	0.95	<0.5	13	81	19	2.66
TH 893598		0.58	<0.005	<0.2	1.84	56	<10	160	0.7	<2	1.61	<0.5	19	344	24	3.39
TH 893599		Not Recvd														
TH 893600		0.38	<0.005	0.4	1.62	151	<10	340	0.6	<2	0.72	0.8	28	50	26	4.05
SH 893519		0.60	<0.005	<0.2	1.56	7	<10	240	<0.5	<2	0.87	<0.5	8	26	21	2.54
SH 893520		0.50	<0.005	<0.2	1.45	5	<10	230	<0.5	<2	0.56	<0.5	9	26	13	2.39
SH 893521		0.36	0.005	<0.2	1.38	8	<10	230	<0.5	<2	0.90	<0.5	9	25	20	2.34
SH 893522		0.44	<0.005	<0.2	1.50	12	<10	340	0.5	<2	1.10	<0.5	11	24	31	3.23
SH 893523		0.38	<0.005	<0.2	1.86	8	<10	210	0.5	<2	0.40	<0.5	10	31	23	3.23



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Finalized Date: 27-SEP-2008

Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA08123078

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
SH 894061		<10	<1	0.07	10	0.75	345	1	<0.01	24	200	6	<0.01	2	6
SH 894062		<10	2	0.06	10	0.62	325	1	<0.01	21	250	8	<0.01	<2	4
SH 894063		<10	<1	0.06	10	0.52	237	1	<0.01	16	250	6	<0.01	<2	3
SH 894064		<10	<1	0.05	10	1.00	525	<1	<0.01	19	190	3	<0.01	<2	5
SH 894065		10	<1	0.10	10	0.65	351	1	<0.01	18	260	7	<0.01	<2	4
H 894066		<10	1	0.07	10	0.56	408	1	<0.01	21	210	8	<0.01	<2	4
H 894067		10	<1	0.15	10	0.77	324	<1	<0.01	30	180	8	<0.01	<2	7
H 894068		10	<1	0.11	10	0.84	330	1	<0.01	30	140	4	<0.01	<2	5
H 894069		<10	<1	0.05	10	0.55	605	<1	<0.01	21	200	8	<0.01	<2	4
H 894070		<10	<1	0.09	10	0.58	342	1	<0.01	23	200	8	<0.01	<2	4
H 894071		10	<1	0.13	10	0.55	529	1	0.02	23	300	19	0.02	3	3
H 894072		10	<1	0.09	10	0.68	2940	1	0.02	29	320	24	0.02	<2	5
H 894073		10	<1	0.08	10	0.80	318	<1	0.02	26	270	6	0.02	<2	4
H 894074		10	<1	0.08	10	0.73	411	1	0.02	23	240	6	0.02	<2	5
TH 164691		<10	<1	0.09	10	0.89	408	<1	0.03	104	680	21	0.05	2	4
TH 164692		<10	<1	0.05	10	0.42	253	<1	0.02	10	890	<2	0.03	<2	3
TH 163366		<10	<1	0.14	20	0.46	1110	<1	0.02	25	910	8	0.10	<2	4
TH 163367		<10	<1	0.11	20	0.42	3360	<1	0.02	35	770	11	0.10	<2	4
TH 163368		<10	<1	0.10	20	0.36	548	1	0.02	29	730	10	0.06	3	4
TH 163369		<10	<1	0.11	10	0.42	418	<1	0.02	26	1120	7	0.05	2	4
TH 893548		<10	<1	0.05	10	0.53	293	1	0.03	23	550	12	0.03	2	3
TH 893549		<10	<1	0.04	10	0.42	334	<1	0.02	10	840	3	0.02	<2	3
TH 893550		<10	<1	0.04	10	0.47	290	<1	0.02	10	1010	2	0.03	<2	3
TH 893597		10	<1	0.18	20	0.94	545	<1	0.02	47	750	10	0.05	6	4
TH 893598		10	<1	0.21	20	1.71	569	<1	0.02	137	740	25	0.09	4	5
TH 893599		<10	<1	0.18	20	0.72	1730	3	0.02	34	870	11	0.07	3	4
TH 893600		<10	<1	0.15	20	0.71	342	1	0.02	15	690	8	0.03	<2	5
SH 893519		<10	<1	0.08	10	0.66	508	1	0.02	13	630	7	0.01	<2	4
SH 893521		<10	<1	0.12	10	0.64	470	1	0.02	16	590	5	0.02	<2	4
SH 893522		<10	<1	0.25	20	0.75	696	1	0.02	16	740	10	0.05	<2	8
SH 893523		10	<1	0.23	10	0.69	328	<1	0.02	15	280	8	0.01	<2	6



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CERTIFICATE OF ANALYSIS VA08123078

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Te	Th	Ti	Tl	U	V	W
		ppm 10	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10
SH 894061		<10	<20	0.09	<10	<10	78	<10
SH 894062		<10	<20	0.09	<10	<10	68	<10
SH 894063		<10	<20	0.09	<10	<10	66	<10
SH 894064		<10	<20	0.08	<10	<10	86	<10
SH 894065		<10	<20	0.08	<10	<10	63	<10
H 894066		<10	<20	0.08	<10	<10	72	<10
H 894067		<10	<20	0.12	<10	<10	80	<10
H 894068		<10	<20	0.11	<10	<10	72	<10
H 894069		<10	<20	0.08	<10	<10	78	<10
H 894070		<10	<20	0.10	<10	<10	77	<10
H 894071		<10	<20	0.09	<10	<10	70	<10
H 894072		<10	<20	0.09	<10	<10	93	<10
H 894073		<10	<20	0.10	<10	<10	76	<10
H 894074		<10	<20	0.10	<10	<10	75	<10
TH 164691		<10	<20	0.08	<10	<10	45	<10
TH 164692		<10	<20	0.06	<10	<10	33	<10
TH 163366		<10	<20	0.04	<10	<10	36	<10
TH 163367		<10	<20	0.02	<10	<10	36	<10
TH 163368		<10	<20	0.02	<10	<10	34	<10
TH 163369		<10	<20	0.04	<10	<10	41	<10
TH 893548		<10	<20	0.07	<10	<10	43	<10
TH 893549		<10	<20	0.07	<10	<10	38	<10
TH 893550		<10	<20	0.07	<10	<10	37	<10
TH 893597		<10	<20	0.07	<10	<10	43	<10
TH 893598		<10	<20	0.08	<10	<10	53	<10
TH 893599		<10	<20	0.07	<10	<10	97	<10
TH 893600		<10	<20	0.11	<10	<10	59	<10
SH 893519		<10	<20	0.10	<10	<10	53	<10
SH 893520		<10	<20	0.09	<10	<10	54	<10
SH 893521		<10	<20	0.09	<10	<10	54	<10
SH 893522		<10	<20	0.06	<10	<10	62	<10
SH 893523		<10	<20	0.11	<10	<10	69	<10