

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

BOND 1-70 (YC66307 – YC66376)

South shore, Yukon River,
62°46'19" N Latitude, 137°56'07" W Longitude
Whitehorse Mining District

NTS Sheet 115I/13, Zone 8

July 21 – Aug 16, 2008

Effective Date: October 24, 2008

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Jan 15, 2009

Summary

During the early summer of 2008, Northern Tiger Resources Inc. (Northern Tiger) finalized its 100% acquisition of the BOND 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 BOND property consists of 70 quartz mining claims in a single contiguous block covering 1,470 hectares (3,631 acres) along the south side of the Yukon River. It was staked in October 2007 by Minto Explorations Ltd. to cover ground prospective for “Minto-style” copper-gold mineralization. The property is located about 120 km north-northwest of Carmacks, Yukon, and about 40 kilometres of the all-weather Minto mine access road and large airstrip.

The BOND 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 metaigneous 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 BOND property is almost entirely underlain by another member of the Aishikik Intrusive Suite, consisting as biotite granite and granite gneiss. In 1973 two small copper-lead sulphide occurrences were identified near the base of a steep slope just south of the Yukon River. Geological mapping in 2008 indicated this area hosts abundant narrow zones of strong secondary biotite enrichment, a favourable setting for Minto-style mineralization. However the small copper occurrences were not located and no other surface mineralization was identified. Soil geochemical traversing failed to identify large copper-gold anomalies, although a moderately anomalous gold value was returned in the extreme northwestern area. The 2008 program was insufficient to eliminate the possibility of significant mineralization.

Applicable 2008 expenditures stand at **CDN\$29,306**. The 2009 program is recommended to consist of infill traversing consisting of geological mapping, systematic soil sampling and rock and silt sampling where applicable. This will provide a line spacing of about 450 metres, considered adequate to detect any sizable geochemical anomalies. The program should be helicopter-supported, staged from the Sonora Gulch property about 15 km to the south, and can be done in seven actual traverse days with two 2-person traverses per day. Projected 2009 expenditures, including pro-rated support expenses, two “camp days”, digitizing and report writing stand at **CDN\$61,456**; with 15% contingency this stands at **CDN\$70,674**.

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1.0 Introduction

1.1 Introduction

The BOND property, located in central Yukon and consisting of 70 full quartz mining claims in a single block covering 1,470 hectares (3,631 acres), was staked in October 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 21 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

Little historical data pertaining to the present BOND project is available. Regional geological and MINFILE data was taken from the Yukon Geology Survey website. The majority of information used in this report was obtained through the 2008 program by Northern Tiger Resources Inc.

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 40 km to the east-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.

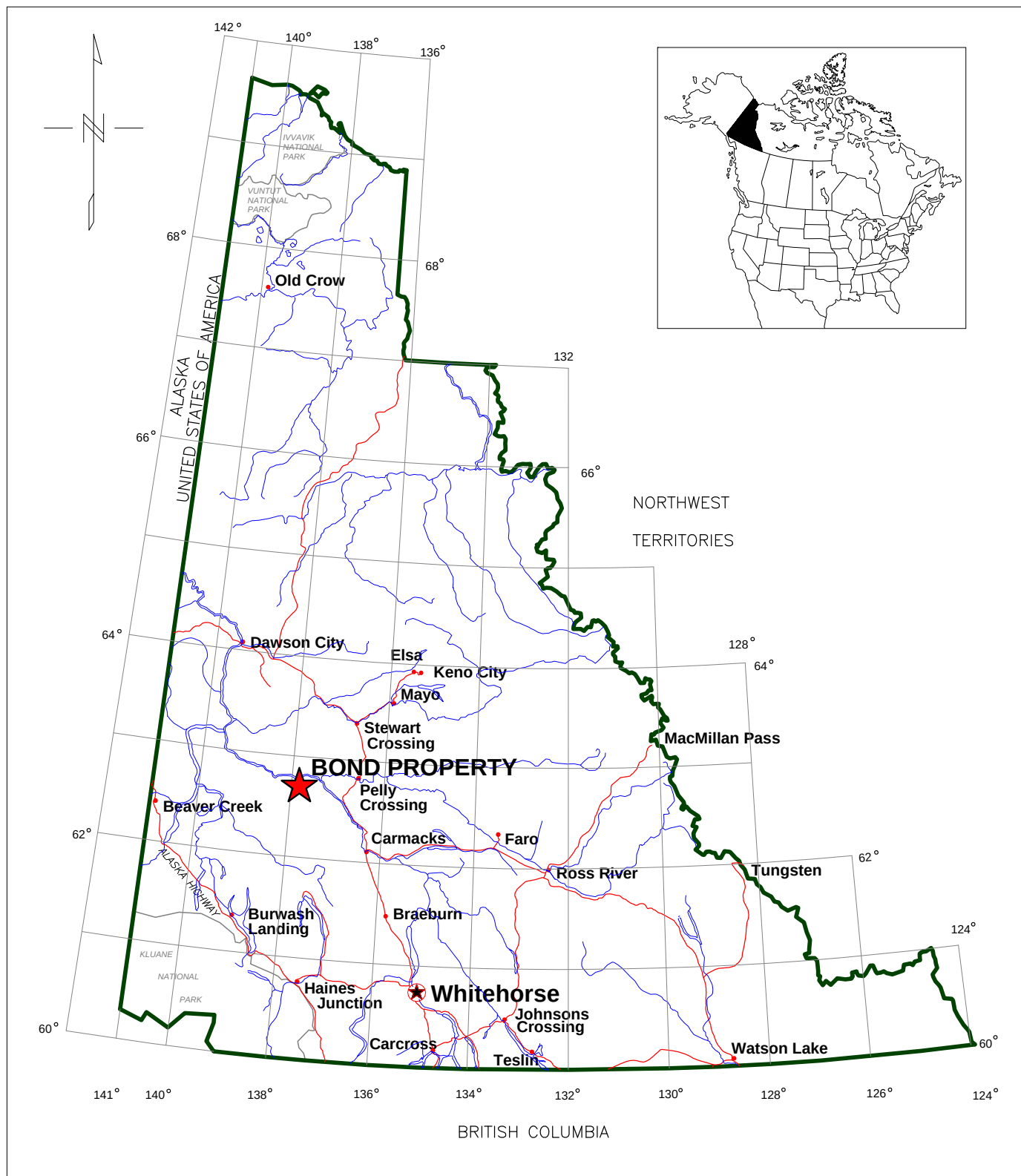
1.4: Involvement of the Qualified Person

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

2.0 Property Description and Location

The BOND property consists of 70 unpatented quartz mining claims (Table 1, Figures 1-3) in a single block covering 1,470 hectares (3,631 acres) along the south bank of the Yukon River. The property is located about 120 km north-northwest of Carmacks, Yukon, and is centered at 62°46'19" N Latitude, 137°56'07" W Longitude (UTM NAD 83 coordinates: 350200E, 6963550N, Zone 8) within NTS map sheet 115I/13. 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)

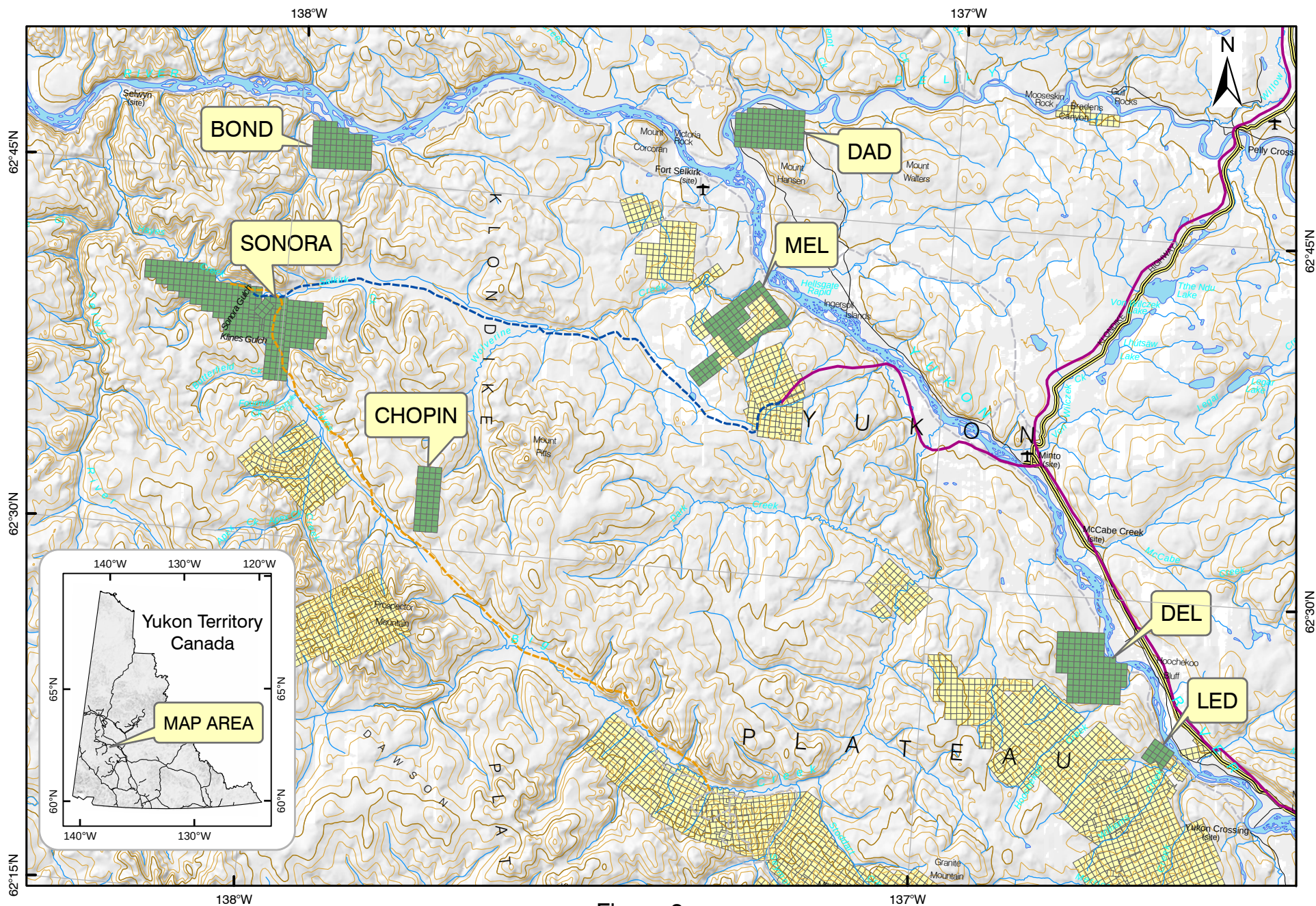
NORTHERN TIGER RESOURCES INC.

**BOND PROPERTY
PROPERTY LOCATION MAP
FIGURE 1**

NTS: 115 I/13
Datum: N/A
Job: NTR-08-01-YT

Mining District: Whitehorse
Projection: N/A
Date: 16 Mar 09

Stewart Basin Exploration



- Legend**
- Claims owned by Northern Tiger Resources Inc.
 - Active Quartz Claims
 - Power Line
 - Casino Trail (winter use)
 - Wolverine Crk. Trail (winter use)
 - Klondike Highway

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

0 5 10 20 km

December 13, 2008

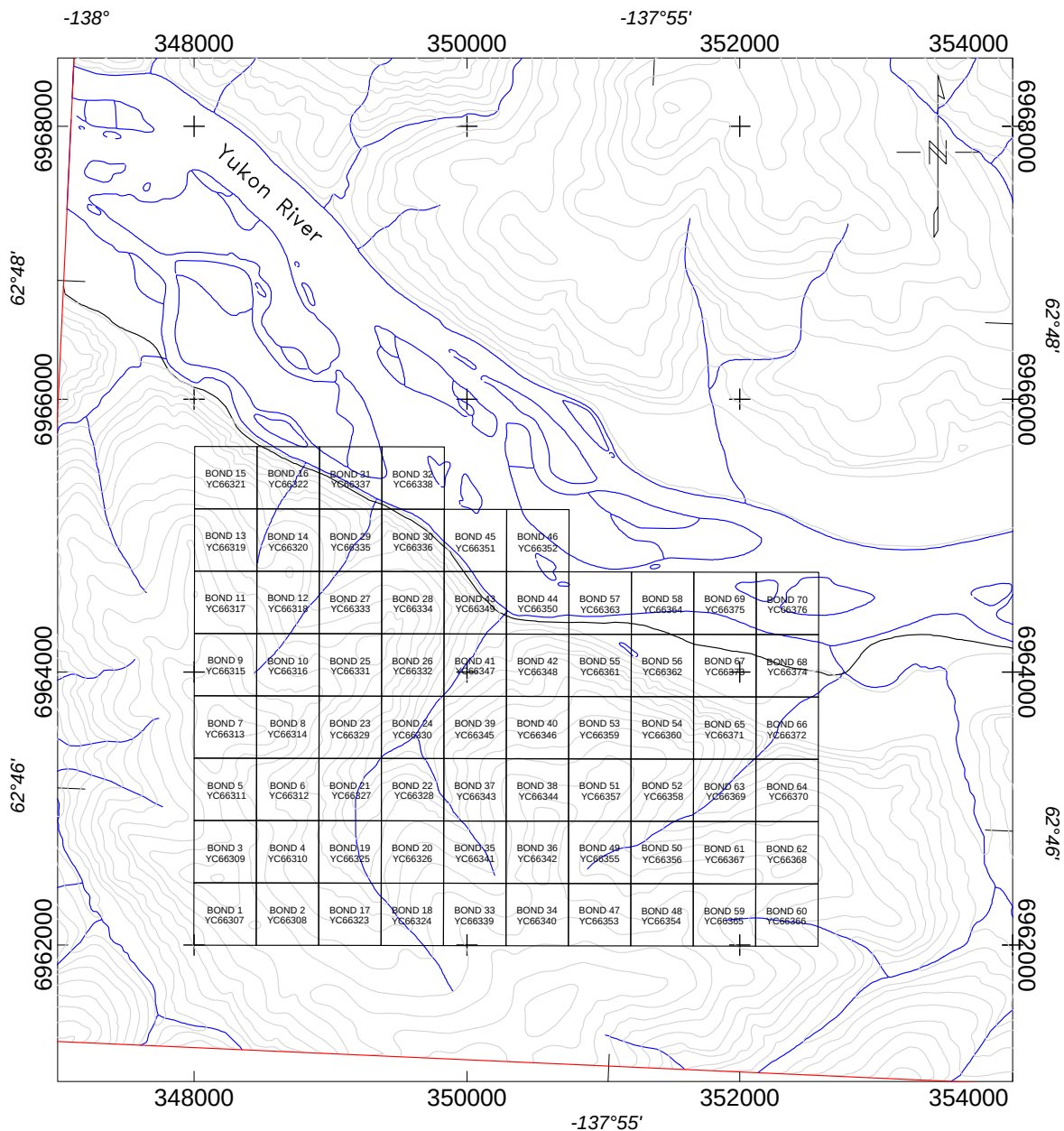
Table 1: Claim Status, BOND 1 - 70 Claim Block

Northern Tiger Resources Inc.

NTS Sheet: 115I/13

As of Jan 12, 2009

Grant No's	Claim Name	Expiry Date
YC66307 - YC66322	BOND 1 - 16	October 18, 2012
YC66323 - YC66328	BOND 17 - 22	October 16, 2012
YC66329	BOND 23	October 18, 2012
YC66330	BOND 24	October 18, 2013
YC66331	BOND 25	October 18, 2012
YC66332	BOND 26	October 18, 2013
YC66333	BOND 27	October 18, 2012
YC66334	BOND 28	October 18, 2013
YC66335 - YC66337	BOND 29 - 31	October 18, 2012
YC66338	BOND 32	October 18, 2011
YC66339 - YC66346	BOND 33-40	October 18, 2012
YC66347 - YC66349	BOND 41 - 43	October 18, 2013
YC66350 - YC66358	BOND 44 - 52	October 18, 2012
YC66359	BOND 53	October 18, 2013
YC66360	BOND 54	October 18, 2012
YC66361 - YC66362	BOND 55 - 56	October 18, 2013
YC66363 - YC66370	BOND 57 - 64	October 18, 2012
YC66371	BOND 65	October 18, 2013
YC66372	BOND 66	October 18, 2012
YC66373	BOND 67	October 18, 2013
YC66374 - YC66376	BOND 68 - 70	October 18, 2012



Scale 1:50000
500 0 500 1000
(metres)

NORTHERN TIGER RESOURCES INC.

BOND PROPERTY CLAIM LOCATION MAP FIGURE 3

NTS: 115 I/13
Datum: NAD 83
Date: 16 Mar 09

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

Stewart Basin Exploration

3.0 Physiography, Climate, Access and Infrastructure

3.1 Physiography and Climate

The BOND property covers an area of moderate to locally steep relief sloping moderately from the southern boundary to the Yukon River. Elevations range from about 2,900 feet (885m) in the southern area to 1,360 feet (415 metres) along the Yukon River. The block is located along or just beyond the western margin of the Reid ice advance, the second-most recent major continental glacial event, although some pre-Reid glaciation may have extended somewhat farther to the west.

Outcrop, subcrop and rubblecrop exposure is moderately abundant, particularly along the steep south bank of the Yukon River. Exposure is also fairly abundant along portions of stream channels, several ridgelines and areas of high elevation. Elsewhere exposure is very scarce. Limited discontinuous permafrost occurs along some north-facing slopes and low lying areas.

The climate of the BOND 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. Thick riparian forest occurs along the Yukon River flood plain. Much of the western area was burned in a 1995 forest fire, resulting in thick secondary growth and abundant fallen timber.

3.2 Access and Infrastructure

No usable road access extends on to the BOND property. An old tote road extending from Carmacks along the south shore of the Yukon River passes through the property; this has become overgrown and is not serviceable. Access is by boat or barge along the Yukon River or by helicopter. The Casino Trail, usable in late winter, extends from the end of the Freegold Road to placer workings on the Sonora property located about 15 km to the south, and currently held by Northern Tiger Resources Inc. A permit is required for its usage.

The Minto mine site is located about 40 kilometres east-southeast of the BOND property, and about 20 km west of the Minto Landing airstrip. 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 BOND property is large enough to contain any future mining, milling and waste disposal areas, although limited flat area exists for infrastructure development. The Yukon River floodplain is not feasible for infrastructure development. The Yukon River, extending along the north boundary, has an adequate water supply to service any future operations; limited water also exists in smaller stream within the property.

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 BOND property area was first explored in 1971 by the Dawson Range Joint Venture, comprised of Strauss Exploration Inc, Molybdenum Corporation of America and Trojan Consolidated Mining; no claims were staked. It was staked as the TUF 1-40 block in August, 1972 by United Keno Explorations, a joint venture of United Keno Hill Mines Ltd, Falconbridge Nickel Mines Ltd. and Canadian Superior Exploration Ltd. United Keno Explorations conducted geological mapping and grid soil sampling (Yukon Minfile, 2009).

The program identified two occurrences of chalcopyrite and minor galena within siliceous gneiss with narrow quartz veining. The two small occurrences are spaced about 100 feet (30 metres) apart. Chalcopyrite, bornite, malachite, azurite and galena were exposed in three hand trenches in the area, with the best result being 0.93% copper in a grab sample. One other occurrence of “very minor malachite with no primary sulphides” along a ridgeline to the south-west was also noted (VanTassell, 1973).

Several contour soil lines were conducted at various elevations east of the small showings, and grid soil sampling was conducted slightly to the west of these. Analysis was done for copper, molybdenum, lead, zinc and silver; low values were returned, with weak erratic anomalous values. The program concluded that “geochemistry reflects very limited unimportant copper mineralization” (VanTassell, 1973).

The area was restaked as the FUN in April to July, 1974 by Canadian Superior Exploration Ltd, which conducted magnetic and Induced Polarization surveying, and grid soil sampling (Yukon Minfile 2009).

Another occurrence, the “Minnesota” consisting of two claims, the “Minnesota Chief and Homestake”, was staked about four kilometers to the east in February, 2002 and subsequently underwent hand trenching. The Minnesota occurrence area also underwent soil sampling by the Dawson Range Joint Venture in 1971. Several old pits occur along an unmineralized quartz vein within granodiorite (Yukon Minfile, 2009).

5.0 Geology

5.1 Regional Geology

The BOND 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 metagneous 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). Devonian-Mississippian metagranitic and metabasaltic rocks of the Wolverine Creek Suite underlie much of the area south of the BOND property.

5.2 Property Geology

Almost all of the BOND property is underlain by a member of the Lower Jurassic Aishikik Suite consisting of felsic to intermediate intrusions (Map 1). Specifically, the property is underlain by biotite granite to granodiorite gneiss, with local areas of hornblende-biotite granite gneiss, particularly in western and west-central areas. The intrusive rocks are medium to coarse grained, becoming more coarsely grained in northwestern areas. Moderate foliation typifies the majority

of this, with stronger foliation occurring near the Yukon River west of the central creek. Biotite enrichment, including secondary biotite, occurs in this area also, as narrow, likely structurally controlled zones. Foliation orientations across the property extend east-west to northeast-southwest, with moderate dips to the northwest. Weak propylitic (chlorite-epidote) alteration occurs in east-central areas; chlorite alteration after biotite also occurs in central areas.

Minor units of gabbro and andesite tuff identified in central areas have been mapped as Devonian-Mississippian Wolverine Creek metavolcanics and metaintrusives (Map 1). Late pegmatite dykes are common throughout the property, particularly in northwestern areas.

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

The 1973 program by United Keno Explorations revealed two minor malachite-azurite occurrences spaced about 100 feet (30 metres) apart. Hand trenching revealed these to consist of chalcopyrite with malachite and azurite, minor bornite and galena (VanTassell, 1973). Grab sampling at one of these returned values from 0.18 to 0.93% copper with 0.06% lead, 0.02% zinc and 0.22 oz/ton silver; a sample from the other returned a value of 0.02% copper. Chalcopyrite occurs within siliceous gneiss with narrow quartz veining (VanTassell, 1973). The zone is described as having “about a(n) 8 inch to 1 foot width with the length being less than 100 feet” (VanTassell, 1973). It is unclear whether the 100-foot strike length refers to the distance between showings, or a zone extending in both directions from one individual showing. Analysis of a sample from the minor malachite about 900 metres to the southwest (Map 1) returned 0.08% copper with 0.12 oz/ton silver.

None of these showings were located during the 2008 program, despite considerable effort by geologists from Northern Tiger Resources and Minto Explorations.

Also in 1973, systematic soil sampling was conducted across the area hosting the occurrences, and a smaller area to the east (Map 1), as well as contour soil sampling along three separate elevations. Analysis was done for copper, molybdenum, lead, zinc and silver. United Keno Explorations staff concluded that no important geochemical anomalies were returned.

No anomalous copper or gold values were returned from silt and rock sampling in 2008 (Map 2, 4a and 4b). Five soil geochemical traverses extending north-south across the property returned a single anomalous gold value of 0.04 g/t at the extreme northern end of the westernmost line, at the base of the steep slope just south of the Yukon River (Map 5a). Weakly elevated values were returned from areas proximal, although not directly associated with, the small copper occurrences identified in 1973. No important copper anomalies were identified in 2008, although slightly elevated values tend to occur in series (Map 5b). The best copper-in-soil value returned was 49 ppm Cu from the eastern portion of the property; the adjacent sample to the north returned 33 ppm Cu. A soil sample near the northwestern gold anomaly returned 41 ppm Cu.

A weak molybdenum anomaly was identified near the south claim boundary along the second line from the east. Molybdenum values of the three southernmost samples along this line ranged from 3 to 8 ppm.

8.0 Exploration

The 2008 program consisted of five reconnaissance-style soil sampling traverses with a 100-metre station spacing, extending north-south along claim lines across the breadth of the property (Map 3). One silt sample traverse with a 250-metre station spacing as well as tributaries was done along the largest stream draining the central property area. Silt sampling was also done at several locations along another stream in eastern areas. Detailed geological mapping was done along most soil traverse lines, as well as in the area of the 1973 copper occurrences. Post tagging of claims staked in 2007 was also done.

A total of 2 rocks, 128 soils and 29 silts were taken. No anomalous values were returned from rock sampling.

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
Cameron Ouellette	Field Technician

Mr. Brian Willett, a geologist of Sherwood Copper Corporation, conducted exploration on the northern anomaly for one day. Also, Messrs. Ramon Quesnel, Michael Linley 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 at the Sonora Gulch property to the south.

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, Te, Th, Ti, Tl, U, V, W and Zn.

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

No actual data verification was conducted in 2008, other than the normal protocol of quality control sampling conducted by ALS Chemex. An attempt was made to locate hand trenches exposed in 1973; however these were not found.

12.0 Adjacent Properties

There are no properties in the vicinity of the BOND 1-70 claim block. However, the Sonora property, located about 15 km to the south and also held by Northern Tiger Resources, may be used as a staging point for daily set-out traverses.

13.0 Mineral Processing and Metallogenic Testing

No mineral processing or metallogenic testing is known to have been done on the BOND 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 the 1973 assessment report by United Keno Hill Mines Ltd.

16.0 Discussion and Conclusions

16.1 Discussion

The 2008 program failed to identify significant geochemical anomalies across the property. Areas hosting slightly elevated copper and gold values tend to occur in area of greater outcrop exposure, where metal ions from underlying bedrock are more concentrated in the thin soil cover. The occurrences identified in 1973 are likely of very limited extent, as these could not be located in 2008 despite careful examination. The presence of lead, noted both in the 1973 descriptions and in analytical results, suggests the mineralogical setting may differ from that of a Minto-style occurrence.

However, almost all of the property is underlain by a Jurassic Aishikik Suite biotite granite intrusion, the same setting as the Klotassin Batholith hosting the Minto deposit. The two intrusive units are of comparable size. Zones of secondary biotite enrichment, favourable for hosting of Minto-style mineralization, occur along the slope directly south of the Yukon River, proximal to the occurrences identified in 1973. The single anomalous 2008 gold value was returned from a similar lithological setting west of the occurrences, also at the base of the steep slope (Map 5a). The alteration suggests the bedrock underlying the slope leading to the river may be prospective for Minto-style mineralization, although the anomalous value is not overly high and may be accentuated by down-hill transport.

The weak molybdenum anomaly along the southern margin is not important, as molybdenum is not a significant element in Minto-style mineralization.

The 2008 exploration program was insufficient to rule out potential for significant mineralization elsewhere on the property.

16.2 Conclusions

The following conclusions can be made from the 2008 and previous programs.

- Almost all of the property area is underlain by a member of the Lower Jurassic Aishikik Suite granitic to granodioritic intrusions. The Minto copper-gold deposit is hosted by the Klotassin Batholith, another member of this suite; therefore the lithological setting within the Bond property is considered favourable for Minto-style mineralization.
- Areas of banded secondary biotite enrichment within granite gneiss near the Yukon River west of the central stream suggest this area has increased potential for Minto-style mineralization.
- The small copper occurrences identified in 1973 were not located in 2008, suggesting these are of very limited extent. Lead enrichment present also differs somewhat from Minto-style mineralization; suggesting the possibility of an alternate mineralogical setting.
- No important geochemical anomalies were identified from soil and silt sampling traverses in 2008; none were identified from detailed sampling across select areas in 1973. However, sampling to date is insufficient to eliminate potential for significant anomalies across the property.

17.0 Recommendations

17.1 Recommendations

Further reconnaissance-style traversing along north-south lines equidistant between the 2008 lines is recommended to adequately test for anomalous geochemical signatures within the BOND property. Two “contour geochemical” traverses, one along the base of slope just south of the Yukon River, the other further south at an average elevation of 550 metres (about 135 metres higher than the river), are recommended to be done west of the central stream. One other traverse is recommended along the base of slope in eastern areas. All traverses are to consist of geological mapping, soil sampling at a 100-metre station spacing, silt sampling upon stream crossings, and rock sampling where applicable. This spacing density should be sufficient to identify important anomalies, if any.

Further detailed mapping of the steep slope along the Yukon River west of the central creek is also recommended.

The program is recommended to be conducted using helicopter support from the Sonora camp 15 km to the south.

A total of 7 days of actual traversing, each comprised of two 2-person traverses, would be sufficient to accomplish this. Projected expenses, including one weather day, one camp day for data input, mobilization, demobilization and support (pro-rated), digitizing and report preparation stand at **CDN\$61,456**; with 15% contingency this stands at **CDN\$70,674**. Projected expenditures exclude assessment recording and grouping fees.

17.2 Recommended Budget

Assumes: 7 daily set-outs with two 2-person teams, based from Sonora Gulch camp during concurrent drilling program or other surface programs.

Pre-program preparation:	\$ 2,335
Mobilization to Sonora (pro-rated, BOND portion, wages, logistics):	\$ 7,068
Wages: Project Geologist: 9 days @ \$680/day:	\$ 6,120
Geologist: 9 days @ \$562.50/day:	\$ 5,063
Technician 1: 9 days @ \$325/day:	\$ 2,925
Technician 2: 9 days @ \$275/day:	\$ 2,475
Cook: 9 days @ \$225/day (pro-rated, BOND portion):	\$ 2,025
Clerical work:	\$ 300
Helicopter support: 5.6 hours @ \$1,200/hr, incl. Fuel:	\$ 6,720
Rock sampling: 28 samples @ \$37/sample:	\$ 1,036
Soil/ silt sampling: 210 samples @ \$34/sample:	\$ 7,140
Shipping: 238 samples @ \$3/sample:	\$ 714
Sample "Standards":	\$ 200
Groceries: 55 person-days @ \$50/day:	\$ 2,750
Accommodations (pro-rated):	\$ 450
Expediting:	\$ 1,400
Fuel, camp (landed and pro-rated):	\$ 1,600
Truck rental: 2 days @ \$90/day:	\$ 180
Field gear purchasing:	\$ 350
Gear rental (hand-held radios, Satellite telephone) 13 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:	\$ 175
Supplies, including expendables:	\$ 500
De-mob:	\$ 3,646
Field Total:	\$56,256
Report Writing: 5 days at \$680 per day:	\$ 3,400
Digitizing:	\$ 1,800
Sub-Total:	\$61,456
15% Contingency:	\$ 9,218
Project Total:	\$70,674

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.

Mercer, B, 2008: Personal Communication

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.

VanTassell, R.E., 1973: Geological and Geochemical Report on the TUF 1-40 Mineral Claims, Report for United Keno Hill Mines Ltd.

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 BOND Claim Block, Northern Tiger Resources Inc. on the entire property area comprising the BOND project. I was active on-site for five of the seven days of the 2008 program extending from July 21 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 October 24, 2008.

Dated this 14th Day of January, 2009.

“Carl Schulze”

Carl Schulze, BSc, PGeo
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**Appendix 2b: Work Performed,
2008 Program**

BOND 1-70 Claims, Northern Tiger Resources Inc.

As of Sep 9, 2008

Type of Work	No. of	Value/Unit	Value
	Units		
Wages, Project Geologist:	5	\$ 680.00	\$ 3,400.00
Wages, Other Geologists	1	\$ 450.00	\$ 450.00
Wages, Geological Tech:	6	\$ 325.00	\$ 1,950.00
Wages, Senior Technicians:	3	\$ 350.00	\$ 1,050.00
Wages, Junior Tech 2:	5	\$ 275.00	\$ 1,375.00
Helicopter time	8.0	\$ 1,200.00	\$ 9,600.00
Groceries, person-days (pro-rated)	20	\$ 45.00	\$ 900.00
Rock sampling:	2	\$ 35.00	\$ 70.00
Soil Samples:	128	\$ 32.00	\$ 4,096.00
Silt Samples	29	\$ 32.00	\$ 928.00
Shipping (approximate):	159	\$ 3.00	\$ 477.00
Report writing, digitizing (estimate):	7	\$ 680.00	\$ 4,760.00
Supplies, report writing:			\$ 250.00
Totals:			\$ 29,306.00

Appendix 3: Sample Descriptions and Results

Appendix 3a: Rock Sample Descriptions and Results

Appendix 3a

ROCK SAMPLE DESCRIPTION SHEET

BOND Claims, 2008 Program
Northern Tiger Resources Inc.

[illegible]

Appendix 3a

ROCK SAMPLE RESULTS SHEET

BOND Claims, 2008 Program
Northern Tiger Resources Inc.

[illegible]

Appendix 3a

ROCK SAMPLE RESULTS SHEET

BOND Claims, 2008 Program
Northern Tiger Resources Inc.

[illegible]

Appendix 3b: Soil Sample Descriptions and Results

Appendix 3b

SOIL SAMPLE DESCRIPTION SHEET

BOND 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
SH162628	351309	6961839	8		B	30	M	gr-br	Y	10	SC	CV		10	21-Jul	GM/CS	Mica in soil
SH162629	351364	6961921	8		B	10	M	gr-br	N	50	SC			15	21-Jul	GM/CS	
SH162630	351417	6961998	8		B	25	G	org	Y	20	SC	SAND		<5	21-Jul	GM/CS	Quite sandy
SH162631	351437	6962105	8		B	30	G	gr	Y	15	SC	TILL		15	21-Jul	GM/CS	Some A horizon
SH162632	351462	6962174	8		A	35	M	br	Y	<5	SC			50	21-Jul	GM/CS	Deep A
SH162633	351512	6962274	8		B	20	M	tan	N	15	MV	SC?	Hb Gr	10	21-Jul	GM/CS	Granite gneiss, layered angular boulders
SH162634	351545	6962368	8		B	15	M	tan-gr	N	15	MV	SC	Hb Gr	10	21-Jul	GM/CS	Some till also
SH162635	351552	6962438	8		B	20	S	lt br	N	30	MV	SC	Hb Gr	5	21-Jul	GM/CS	Octcrop nearby
SH162636	351575	6962535	8		B	20	M	lt br	N	30	MV	TILL		5	21-Jul	GM/CS	Some angular fragments
SH162637	351580	6962624	8		B	25	S	gr-br	Y	25	SC	TILL		5	21-Jul	GM/CS	
SH163274	349537	6961878	8		B	10	F	gr-bk	N	0	MF			20	12-Aug	SS/EH	Boggy area
SH163275	349531	6961993	8		B	10	M	gr-tan	N	15	MF			20	12-Aug	SS/EH	Downhill
SH163276	349542	6962096	8		B	5	G	gr	N	5	MF			5	12-Aug	SS/EH	Near stream
SH163277	349572	6962191	8		B	15	G	lt br	N	20	CF			5	12-Aug	SS/EH	Increasing slope
SH163278	349554	6962300	8		B	20	M	gr	N	25	CF			<5	12-Aug	SS/EH	
SH163279	349558	6962396	8		B	10	M	gr-bk	N	<5	CF			5	12-Aug	SS/EH	
SH163280	349566	6962496	8		B	20	M	tan	N	<5	MF			20	12-Aug	SS/EH	
SH163281	349559	6962622	8		B	15	M	lt br	N	5	CF			20	12-Aug	SS/EH	
SH163282	349575	6962693	8		B	20	G	br	N	5	CF			30	12-Aug	SS/EH	
SH163283	349586	6962803	8		B	10	M	lt br	N	<5	CF			30	12-Aug	SS/EH	
SH163284	349625	6962995	8		B	10	S	gr-br	N	<5	MF			20	12-Aug	SS/EH	
SH163285	349647	6962984	8		B	15	S	gr-br	N	5	MF			15	12-Aug	SS/EH	
SH163286	349657	6963094	8		B	20	S	tan	N	5	MF			20	12-Aug	SS/EH	
SH163287	349652	6963174	8		B	10	S	gr-bk	N	<5	MF			10	12-Aug	SS/EH	Near stream
SH163312	348573	6963403	8	West	B	15	RL	gr-br	N	10	MV	Scrop	Hb Gr	10	14-Aug	GM/CS	903 m; just north of ridge line
SH163313	348569	6963503	8	West	B	10	M	gr	N	10	HW	Scrop	Hb Gr	10	14-Aug	GM/CS	Poss leached horizon overlie o/c
SH163314	348567	6963595	8	West	B	20	M	gr	N	10	HW	SC?	Hb Gr	10	14-Aug	GM/CS	Weakly limonitic frags
SH163315	348572	6963711	8	West	B	10	M	gr	N	5	HW	Till		10	14-Aug	GM/CS	Very stony
SH163316	348569	6963816	8	West	B	15	M	gr	N	10	HW	Till		10	14-Aug	GM/CS	
SH163317	348576	6963927	8	West	B	15	S	rd-br	N	5	HW		Hb Gr	10	14-Aug	GM/CS	Foliated Hb-Bio Granite nearby
SH163318	348577	6964041	8	West	B	20	S	lt br	N	<5	MF			5	14-Aug	GM/CS	Fire soil
SH163319	348574	6964140	8	West	B	20	M	lt br	N	<5	MF	Loess		<5	14-Aug	GM/CS	Fine, even soil
SH163320	348574	6964240	8	West	B	20	G	lt br	N	<5	MF	Loess		10	14-Aug	GM/CS	O/c of biot granite to E (5 m)
SH163321	348580	6964348	8	West	B	15	M	lt br	N	10	MF	Scrop	Bi-Gr	10	14-Aug	GM/CS	Weakly altered granite
SH163322	348581	6964439	8	West	B	20	S	lt br	N	<5	MF	Loess?		10	14-Aug	GM/CS	Bio-tgranite Rcrop nearby
SH163323	348573	6964547	8	West	B	15	G	dk br	N	20	MF	Till		5	14-Aug	GM/CS	Sand mixed w cobbles
SH163324	348587	6964636	8	West	B	35	G	gr-br	N	<5	MF	Till		15	14-Aug	GM/CS	Thick A - poss leached layer
SH163325	348592	6964726	8	West	B	25	G	dk br	N	15	MF	Till?		15	14-Aug	GM/CS	Thick A - poss leached layer
SH163326	348597	6964811	8	West	B	35	G	br	N	<5	CF	Till		10	14-Aug	GM/CS	Sandy, some cobbles
SH163327	348612	6964900	8	West	B	35	G	dk br	N	<5	CF	Till?		20	14-Aug	GM/CS	Micaceous frags -thick A
SH163328	348618	6964994	8	West	B	35	G	gr-br	N	<5	MF	CV?		15	14-Aug	GM/CS	Fine sand - layered?
SH163329	348572	6965087	8	West	B	15	G	tan	N	<5	CF	Loess		10	14-Aug	GM/CS	Fine soil - along C/L now
SH163330	348588	6965178	8	West	B	25	M	gr	N	<5	MF	Loess?		<5	14-Aug	GM/CS	Beginning of slope to river
SH163331	348598	6965246	8	West	B	10	S	gr	N	<5	HW	OC	Gr-Gn	20	14-Aug	GM/CS	Very steep; GrGn O/C
SH163332	348600	6965339	8	West	B	15	S	gr	N	10	MF	OC	Gr-Gn	15	14-Aug	GM/CS	Very steep; GrGn O/C
SH163333	348602	6965421	8	West	B	20	S	tan	N	25	MF	SC	Gr-Gn	10	14-Aug	GM/CS	Limonite in bad gr-gn
SH163334	348600	6965486	8	West	B	20	S	br	N	15	MF	CV	Gr-Gn	15	14-Aug	GM/CS	Possible stabilized talus
SH163351	348574	6961823	8		B	20	10	br	N	5	CF			10	12-Aug	ML/CO	Burn
SH163352	348592	6961918	8		B	25	5	lt br	N	5	CF			5	12-Aug	ML/CO	Burn
SH163353	348570	6962025	8		B	25	10	lt br	N	10	MF			5	12-Aug	ML/CO	
SH163354	348587	6962162	8		B	25	5	lt br	N	10	MF			5	12-Aug	ML/CO	
SH163355	348577	6962295	8		B	20	5	dk br	N	5	CF			15	12-Aug	ML/CO	
SH163356	348593	6962465	8		B	20	20	br	N	5	MF			5	12-Aug	ML/CO	

SH163357	348597	6962584	8		B	15	40	lt br	N	15	CF			5	12-Aug	ML/CO	
SH163358	348653	6962687	8		B	10	40	lt br	N	10	MF			10	12-Aug	ML/CO	
SH163359	348581	6962759	8		B	15	40	lt br	N	10	MF			5	12-Aug	ML/CO	
SH163360	348586	6962861	8		B	20	30	br	N	10	MF			0	12-Aug	ML/CO	
SH163361	348606	6962972	8		B	20	15	lt br	N	0	CF			5	12-Aug	ML/CO	
SH163362	348659	6963082	8		B	20	15	br	N	5	MF			5	12-Aug	ML/CO	
SH163363	348591	6963177	8		B	15	15	rd	N	0	MF			15	12-Aug	ML/CO	
SH163364	348575	6963326	8		B	30	40	br	N	0	MF			10	12-Aug	ML/CO	
SH163365	348590	6963383	8		B	30	30	lt br	N	30	CF			15	12-Aug	ML/CO	
SH163501	350393	6961833	8		A	15	G	bk	Y	<5	SC			60	22-Jul	GM/FC	
SH163502	350273	6962103	8		A-B	20	G	dk br	Y	10	SC			40	22-Jul	GM/FC	
SH163503	350390	6962033	8		B	20	G	dk br	Y	20	SC			35	22-Jul	GM/FC	
SH163504	350393	6962136	8		B	20	G	gr-br	Y	15	SC			20	22-Jul	GM/FC	
SH163505	350376	6962237	8		A-B	30	G	bk	Y	10	CF			50	22-Jul	GM/FC	
SH163506	350388	6962341	8		B	15	G	lt br	N	15	CF			10	22-Jul	GM/FC	
SH163507	350408	6962454	8		B	20	M	lt br	N	10	CF			15	22-Jul	GM/FC	
SH163508	350413	6962562	8		B	15	M	lt br	N	10	CF			20	22-Jul	GM/FC	
SH163509	350393	6962668	8		B	15	G	br	N	10	CF			20	22-Jul	GM/FC	
SH163510	350404	6962796	8		B	15	M	rd-br	N	15	CF			10	22-Jul	GM/FC	
SH163511	350416	6962891	8		B	5	G	br	N	5	CF			15	22-Jul	GM/FC	
SH163512	350401	6963001	8		B	10	M	rd-br	N	10	HW			15	22-Jul	GM/FC	
SH163513	350411	6963096	8		B	10	M	br	N	10	CF			10	22-Jul	GM/FC	
SH163514	350399	6963197	8		B	20	G	dk br	N	30	CF			<5	22-Jul	GM/FC	
SH163515	350373	6963297	8		B	10	M	dk br	N	20	CF			10	22-Jul	GM/FC	
SH163516	350356	6963392	8		B	15	M	dk br	N	15	CF			10	22-Jul	GM/FC	
SH163517	350359	6963501	8		B	15	M	dk br	N	25	CF			10	22-Jul	GM/FC	
SH163518	350359	6963626	8		B	15	S	gr-br	N	<5	CF			<5	22-Jul	GM/FC	
SH163519	350389	6963666	8		B	30	S	gr	Y	40	CF			<5	22-Jul	GM/FC	
SH163520	350380	6963769	8		B	25	M	gr-br	N	20	CF			15	22-Jul	GM/FC	
SH163521	350391	6963869	8		B	20	M	gr-br	N	30	CF			10	22-Jul	GM/FC	
SH163522	350321	6963967	8		B	20	S	gr-br	Y	25	HW			25	22-Jul	GM/FC	
SH163523	350382	6964075	8		B	15	G	br	Y	55	CF			<5	22-Jul	GM/FC	
SH163524	350407	6964169	8		B	15	G	gr-br	N	40	CF			10	22-Jul	GM/FC	
SH163525	350401	6964253	8		B	20	F	lt br	N	20	CF			<5	22-Jul	GM/FC	
SH893510	351310	6962750	8	2nd East	B	20	G	lt br	N	<5	CF		Gdior	15	16-Aug	YM/CS	Occasional large fragments
SH893511	351261	6962809	8	2nd East	B	20	M	lt br	N	5	CF	Loess?	Gr?	10	16-Aug	YM/CS	Thin loess
SH893512	351286	6962932	8	2nd East	B	20	S	rd-br	N	10	Grass	SC?	Gr	5	16-Aug	YM/CS	Granite (pegmatite?) frags
SH893513	351287	6963015	8	2nd East	B	15	M	rd-br	N	20	Grass	SC?	Peg	5	16-Aug	YM/CS	Variable decrepitate peg. Frags
SH893514	351285	6963111	8	2nd East	B	20	M	rd-br	N	<5	MF	Loess?		10	16-Aug	YM/CS	Fine, even sand
SH893515	351302	6963221	8	2nd East	B	25	G	gr-br	N	<5	MF	SC		5	16-Aug	YM/CS	Bi-Gr nearby
SH893516	351329	6963295	8	2nd East	B	15	G	gr-br	N	10	MF	SC	Bi Gr	10	16-Aug	YM/CS	Strong-sparse soil
SH893517	351338	6963386	8	2nd East	B	35	M	gr-br	N	<5	MF			25	16-Aug	YM/CS	A-B mix, thick A
SH893518	351348	6963471	8	2nd East	B	20	S	gr-br	N	<5	MF	SC	Bi Gr	15	16-Aug	YM/CS	Bi-Gr SC
SH893519	351344	6963555	8	2nd East	B	35	S	gr-br	N	30	MF	TA	Bi Gr	5	16-Aug	YM/CS	Ta-colluvium; wet soil
SH893520	351312	6963647	8	2nd East	B	30	S	gr	N	5	CF	TA	Bi Gr	15	16-Aug	YM/CS	Ta-colluvium; wet soil
SH893521	351309	6963733	8	2nd East	B	25	S	gr	N	<5	MV	TA	Bi Gr	5	16-Aug	YM/CS	Very steep; stabilized talus
SH893522	351314	6963817	8	2nd East	B	10	S	br	N	25	CF	TA	Bi Gr	15	16-Aug	YM/CS	Thin soil due to overlying alders
SH893523	315326	6963900	8	2nd East	B	20	S	rd-br	N	<5	MV	TA	Bi Gr	15	16-Aug	YM/CS	Large stabilized talus - thin pocket
SH894008	349631	6963415	8		B	5	M	tan	N	10	POP			25	14-Aug	SS/EH	Dry soil
SH894009	349625	6963519	8		B	10	M	dk br	N	<5	MF			15	14-Aug	SS/EH	On slope
SH894010	349620	6963613	8		B	10	M	orange	N	<5	MF			20	14-Aug	SS/EH	
SH894011	349648	6963719	8		B	5	M	tan	N	<5	MF			25	14-Aug	SS/EH	
SH894012	349663	6963814	8		B	10	M	tan	N	<5	MF			25	14-Aug	SS/EH	
SH894013	249693	6963907	8		B	10	M	tan	N	5	MF			20	14-Aug	SS/EH	
SH894014	349712	6964015	8		B	20	M	lt br	N	5	CF			15	14-Aug	SS/EH	Moss mat
SH894015	349710	6964124	8		B	15	G	lt br	N	<5	CF			20	14-Aug	SS/EH	
SH894016	349702	6964214	8		B	15	G	tan	N	<5	CF			20	14-Aug	SS/EH	Moss mat
SH894017	349692	6964312	8		B	30	F	gr	N	0	MF	Loess?		<5	14-Aug	SS/EH	Moist, moss mat
SH894018	349715	6964420	8		B	25	G	br	N	<5	MF			15	14-Aug	SS/EH	Moss mat
SH894019	349688	6964528	8		B	20	G	br	N	<5	MF			15	14-Aug	SS/EH	Moss mat
SH894020	349688	6964637	8		B	30	F	gr	N	0	MF	Loess?		10	14-Aug	SS/EH	Moss mat, bog
SH894021	352237	6961822	8		B	30	G	lt br	N	<5	MF			20	14-Aug	SS/EH	Moss mat, thick forest
SH894022	352224	6961914	8		B	40	F	gr-br	N	0	MF			0	14-Aug	SS/EH	Micaceous soil
SH894023	352211	6962022	8	East	B	35	F	gr-bk	N	0	CF			0	15-Aug	SS/EH	Very wet, boggy
SH894024	352188	6962119	8	East	B	20	M	lt br	N	5	CF			5	15-Aug	SS/EH	On slope
SH894025	352203	6962230	8	East	B	20	G	lt br	N	5	CF			5	15-Aug	SS/EH	Along ridge
SH894026	352241	6962327	8	East	B	10	G	lt br	N	15	MF			15	15-Aug	SS/EH	Along ridge, dry soil
SH894027	352224	6962423	8	East	B	15	M	tan	N	5	CF			5	15-Aug	SS/EH	Moss mat
SH894028	352206	6962521	8	East	B	25	M	gr	N	0	MF			0	15-Aug	SS/EH	
SH894029	352172	6962627	8	East	B	20	G	gr	N	0	MF			0	15-Aug	SS/EH	Moist soil; clay-like

SH894030	352223	6962730	8	East	B	20	F	gr-bk	N	0	CF			0	15-Aug	SS/EH	Moist soil
SH894031	352189	6962827	8	East	B	50	G	gr-bk	N	0	MF			0	15-Aug	SS/EH	Clay-like
SH894032	352177	6962925	8	East	B	15	G	tan	N	15	MF			15	15-Aug	SS/EH	Dry, moss mat
SH894033	352178	6963000	8	East	B	15	M	lt br	N	10	CF	Till?		10	15-Aug	SS/EH	Dry
SH894034	352199	6963124	8	East	B	20	S	gr-bk	N	<5	MF			<5	15-Aug	SS/EH	Clay-like

	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	%						
SH162628	<0.005	<0.2		2.47	3	<10		270	<0.5	<2			14	27	24	3.26	10	<1		0.28	10	1.12	458	<1		0.02		
SH162629	<0.005		0.3	1.25	2	<10		120	<0.5	<2			8	21	12	2.29	<10	<1		0.14	10	0.61	221	<1		0.02		
SH162630	<0.005	<0.2		1.27	2	<10		120	<0.5	<2			8	22	9	2.1	<10	<1		0.09	10	0.63	229	<1		0.02		
SH162631	<0.005	<0.2		1.49	4	<10		160	<0.5		2		8	25	19	2.34	<10	<1		0.05	10	0.53	227	<1		0.02		
SH162632	<0.005		0.3	1.82	4	<10		290		0.5	2		2	1.26	<0.5		28	24	39	3.04	<10	<1	0.03	20	0.74	3350	<1	0.02
SH162633	<0.005	<0.2		1.5	4	<10		140	<0.5		2		7	20	9	2.88	10	<1		0.15	10	0.63	262	<1		0.01		
SH162634	<0.005	<0.2		1.53	6	<10		130	<0.5		2		6	24	8	2.44	10	<1		0.07	10	0.53	171	<1		0.01		
SH162635	<0.005	<0.2		1.95	4	<10		200	<0.5		2		9	36	10	2.74	10	<1		0.08	20	0.68	269	<1		0.01		
SH162636	<0.005	<0.2		1.87	3	<10		210	<0.5		2		9	31	9	2.82	10	<1		0.08	10	0.76	281	<1		0.02		
SH162637	<0.005	<0.2		0.86	<2	<10		100	<0.5		2		6	20	6	1.82	<10	<1		0.06	10	0.46	230	<1		0.02		
SH163274	<0.005	<0.2		1.43	5	<10		260	<0.5	<2			7	28	22	2.14	10	<1		0.05	10	0.48	198	<1		0.02		
SH163275	<0.005	<0.2		1.81	6	<10		250	<0.5	<2			9	33	18	2.99	10	<1		0.05	10	0.62	297	<1		0.02		
SH163276	<0.005	<0.2		1.09	3	<10		130	<0.5	<2			8	26	13	2.15	<10	<1		0.09	10	0.63	275	<1		0.03		
SH163277	<0.005	<0.2		0.97	4	<10		230	<0.5	<2			5	23	15	1.86	<10	<1		0.07	10	0.36	176	<1		0.02		
SH163278	<0.005	<0.2		0.83	2	<10		140	<0.5	<2			7	23	12	1.98	<10	<1		0.07	10	0.52	270	<1		0.03		
SH163279	<0.005		0.3	1.35	4	<10		390	<0.5	<2			6	25	21	2.03	<10	<1		0.05	10	0.37	181	<1		0.02		
SH163280		0.005	<0.2	1.1	4	<10		230	<0.5	<2			5	21	13	1.96	<10	<1		0.05	10	0.3	354	<1		0.02		
SH163281	<0.005	<0.2		1.74	10	<10		170	<0.5	<2			9	32	11	2.79	<10	<1		0.08	10	0.49	185		1	0.01		
SH163282	<0.005	<0.2		0.93	3	<10		120	<0.5	<2			6	20	13	1.92	<10	<1		0.04	10	0.43	214	<1		0.02		
SH163283	<0.005	<0.2		1.19	5	<10		190	<0.5	<2			6	24	7	2.16	<10	<1		0.08	10	0.36	185	<1		0.02		
SH163284	<0.005	<0.2		1.43	8	<10		200	<0.5	<2			7	24	13	2.43	10		1	0.06	10	0.48	182	<1		0.01		
SH163285	<0.005		0.2	1.46	4	<10		400	<0.5	<2			9	26	27	2.29	<10	<1		0.05	10	0.45	671	<1		0.03		
SH163286	<0.005	<0.2		1.51	6	<10		180	<0.5	<2			8	24	27	2.51	<10	<1		0.1	10	0.62	259	<1		0.02		
SH163287	<0.005		0.3	1.33	7	<10		290	<0.5	<2			9	27	39	2.32	<10	<1		0.09	10	0.58	352	<1		0.03		
H163312	<0.005	<0.2		2.28	7	<10		320	<0.5	<2			12	30	25	2.78	10	<1		0.05	10	0.75	377		1	0.03		
H163313	<0.005		0.2	0.99	4	<10		110	<0.5	<2			4	19	11	1.38	10	<1		0.05	10	0.38	116		1	0.02		
H163314	<0.005	<0.2		1.8	5	<10		320	<0.5	<2			9	29	29	2.61	10	<1		0.1	10	0.77	323		1	0.02		
H163315	<0.005	<0.2		2.23	5	<10		280	<0.5	<2			12	41	25	3.09	10	<1		0.14	20	0.93	582		1	0.03		
H163316	<0.005	<0.2		1.76	7	<10		410	<0.5	<2			10	30	32	2.69	10	<1		0.08	10	0.69	279		1	0.03		
H163317	<0.005		0.2	1.96	3	<10		230	<0.5	<2			12	20	10	3.65	10	<1		0.73	10	1.07	525		1	0.02		
H163318	<0.005	<0.2		1.34	9	<10		170	<0.5	<2			7	27	9	2.49	<10		1	0.14	10	0.49	245		1	0.01		
H163319	<0.005	<0.2		1.35	8	<10		240	<0.5	<2			7	27	13	2.39	<10		1	0.12	20	0.48	244		1	0.02		
H163320	<0.005	<0.2		1.46	7	<10		260	<0.5	<2			9	31	9	2.5	<10	<1		0.07	10	0.41	317		1	0.01		
H163321	<0.005	<0.2		1.51	6	<10		150	<0.5	<2			8	16	8	2.85	10	<1		0.49	10	0.76	466		1	0.01		
H163322	<0.005	<0.2		1.69	8	<10		190	<0.5	<2			7	27	9	2.74	<10	<1		0.09	10	0.48	204		1	0.02		
H163323	<0.005	<0.2		1.09	5	<10		180	<0.5	<2			13	21	11	2.12	10	<1		0.06	10	0.41	972		1	0.02		
H163324	<0.005	<0.2		1.37	4	<10		250	<0.5	<2			7	27	27	2.03	10	<1		0.06	20	0.53	207		1	0.03		
H163325	0.006	<0.2		1.13	4	<10		220	<0.5	<2			7	22	17	1.76	<10		1	0.1	10	0.5	302		1	0.03		
H163326	0.006	<0.2		1.55	7	<10		280	<0.5	<2			10	28	21	2.74	10	<1		0.15	10	0.64	404		1	0.03		
H163327		0.005	<0.2	1.28	5	<10		280	<0.5	<2			7	25	25	2.23	10	<1		0.17	10	0.59	220		1	0.03		
H163328	<0.005		0.2	1.07	9	<10		290	<0.5	<2			7	23	22	2	<10	<1		0.1	10	0.48	219	<1		0.03		
H163329		0.005	<0.2	1.26	12	<10		330	<0.5	<2			9	33	14	2.38	<10	<1		0.09	10	0.42	276	<1		0.02		
H163330	0.006		0.2	1.24	11	<10		520		0.5	<2		11	27	30	2.42	<10	<1		0.05	10	0.43	1135	<1		0.03		
H163331		0.005	<0.2	1.05	6	<10		230	<0.5	<2			7	20	19	1.96	<10	<1		0.12	20	0.31	199	<1		0.02		
H163332		0.005	<0.2	1.43	8	<10		310	<0.5	<2			9	26	41	2.77	10	<1		0.28	40	0.54	395		1	0.02		
H163333		0.006	<0.2	1.23	9	<10		250	<0.5	<2			6	27	12	2.3	<10	<1		0.12	10	0.35	217	<1		0.02		
H163334		0.040		1.18	4	<10		370	<0.5	<2			6	16	11	2.03	<10	<1		0.1	10	0.25	350		1	0.02		
H163351		0.010	<0.2	1.72	8	<10		180	<0.5	<2			7	28	14	2.75	10	<1		0.19	10	0.51	288	<1		0.02		
H163352	<0.005	<0.2		1.99	7	<10		170	<0.5	<2			7	20	34	2.97	10	<1		0.19	20	0.45	254	<1		0.01		
H163353		0.005	<0.2	1.93	11	<10		200	<0.5	<2			7	34	13	2.67	10	<1		0.05	10	0.44	238	<1		0.01		
H163354	<0.005	<0.2		2.07	5	<10		170	<0.5	<2			11	22	26	2.88	10		1	0.11	10	0.91	270	<1		0.02		
H163355		0.007		2.39	4	<10		170		0.6	<2		15	148	30	3.07	10	<1		0.15	20	1.28	383	<1		0.02		
H163356		0.006	<0.2	2.11	8	<10		180	<0.5	<2			12	42	14	3.22	10	<1		0.2	10	1.06	388	<1		0.02		

H163357	0.005	<0.2	1.94	7	<10	100	0.5	<2	0.29	<0.5	8	31	12	2.62	10	1	0.04	10	0.57	224	<1	0.01
H163358	0.005	<0.2	1.94	8	<10	180	<0.5	<2	0.29	<0.5	8	31	11	2.72	10	<1	0.05	10	0.6	236	<1	0.01
H163359	0.005	<0.2	1.42	6	<10	230	<0.5	<2	0.39	<0.5	7	22	10	2.67	10	<1	0.13	20	0.45	314	<1	0.01
H163360	<0.005	<0.2	1.58	9	<10	220	<0.5	<2	0.43	<0.5	9	34	16	2.68	10	<1	0.09	10	0.53	273	<1	0.02
H163361	0.006	0.2	1.69	8	<10	350	0.5	<2	0.58	<0.5	10	31	38	2.77	10	<1	0.05	20	0.64	439	<1	0.03
H163362	<0.005	<0.2	1.9	13	<10	210	0.6	<2	0.34	<0.5	9	38	18	2.89	10	<1	0.11	10	0.52	305	<1	0.01
H163363	0.005	<0.2	2.58	6	<10	250	0.7	<2	0.49	<0.5	14	30	27	4.21	10	<1	0.18	20	1.21	1030	<1	0.02
H163364	<0.005	<0.2	2.34	5	<10	210	0.5	<2	0.52	<0.5	14	60	24	3.44	10	1	0.21	10	1.21	404	<1	0.03
H163365	0.006	<0.2	2.11	4	<10	170	<0.5	<2	0.54	<0.5	8	24	8	2.08	10	<1	0.05	<10	0.49	351	<1	0.04
SH163501	0.012	<0.2	0.59	<2	<10	330	<0.5	<2	2.08	<0.5	4	9	32	0.69	<10	<1	0.03	20	0.22	421	3	0.02
SH163502	<0.005	0.2	1.8	3	<10	210	<0.5	<2	0.8	<0.5	13	26	38	3.08	<10	<1	0.09	20	0.73	516	8	0.02
SH163503	<0.005	0.2	1.35	4	<10	200	<0.5	<2	0.83	<0.5	8	23	19	2.14	<10	<1	0.04	10	0.51	328	3	0.03
SH163504	<0.005	<0.2	2.87	5	<10	290	<0.5	<2	1.35	<0.5	14	45	22	3.64	10	<1	0.48	20	1.36	511	2	0.02
SH163505	<0.005	0.2	1.15	<2	<10	320	<0.5	2	2.43	<0.5	8	21	30	1.64	<10	1	0.03	10	0.36	654	1	0.02
SH163506	<0.005	<0.2	1.71	7	<10	190	<0.5	<2	0.27	<0.5	9	36	9	2.81	<10	<1	0.06	10	0.57	271	2	0.02
SH163507	<0.005	<0.2	1.6	12	<10	200	<0.5	3	0.27	<0.5	10	36	19	2.77	<10	<1	0.08	10	0.53	295	1	0.02
SH163508	<0.005	<0.2	1.76	5	<10	180	<0.5	3	0.39	<0.5	11	28	6	2.83	10	1	0.07	10	0.77	382	<1	0.01
SH163509	<0.005	<0.2	1.65	6	<10	170	0.5	3	0.4	<0.5	9	33	11	2.77	10	<1	0.1	20	0.5	334	<1	0.02
SH163510	<0.005	<0.2	1.41	5	<10	190	<0.5	2	0.25	<0.5	8	26	12	2.48	10	<1	0.1	20	0.58	300	<1	0.01
SH163511	<0.005	0.2	1.32	8	<10	180	<0.5	3	0.27	<0.5	7	29	11	2.39	10	<1	0.07	10	0.47	273	1	0.01
SH163512	<0.005	<0.2	2.33	8	<10	170	0.5	4	0.32	<0.5	12	36	10	3.81	10	1	0.23	10	1.13	627	<1	0.01
SH163513	<0.005	<0.2	1.97	11	<10	200	<0.5	3	0.24	<0.5	7	30	9	3.06	10	<1	0.07	10	0.47	246	1	0.01
SH163514	<0.005	<0.2	1.79	4	<10	150	<0.5	3	0.42	<0.5	8	35	10	2.74	10	<1	0.08	20	0.67	400	<1	0.02
SH163515	<0.005	<0.2	1.68	10	<10	190	<0.5	<2	0.25	<0.5	10	28	10	3.13	10	<1	0.06	10	0.58	467	<1	0.01
SH163516	<0.005	<0.2	2.05	8	<10	290	0.5	4	0.51	<0.5	12	37	17	3.27	10	1	0.07	10	0.64	895	<1	0.03
SH163517	<0.005	<0.2	1.46	7	<10	200	<0.5	3	0.26	<0.5	8	31	10	2.42	10	<1	0.05	10	0.44	322	<1	0.01
SH163518	<0.005	<0.2	1.51	5	<10	200	<0.5	3	0.39	<0.5	10	31	12	2.71	10	<1	0.13	10	0.59	468	<1	0.02
SH163519	<0.005	<0.2	1.39	8	<10	170	<0.5	3	0.63	<0.5	10	30	17	2.69	<10	1	0.16	10	0.68	394	<1	0.02
SH163520	<0.005	<0.2	1.34	4	<10	160	<0.5	2	0.67	<0.5	10	23	15	2.69	<10	<1	0.28	10	0.75	408	<1	0.02
SH163521	<0.005	<0.2	1.36	8	<10	250	<0.5	<2	0.49	<0.5	9	30	23	2.55	<10	<1	0.08	20	0.61	341	<1	0.02
SH163522	<0.005	<0.2	1.46	8	<10	320	<0.5	<2	0.46	<0.5	8	30	17	2.57	<10	<1	0.08	10	0.55	336	1	0.02
SH163523	<0.005	<0.2	1.5	7	<10	260	<0.5	<2	0.8	<0.5	10	29	15	3.26	<10	<1	0.25	10	0.74	305	<1	0.03
SH163524	<0.005	<0.2	1.29	7	<10	260	<0.5	2	0.58	<0.5	9	29	16	2.72	<10	<1	0.1	20	0.56	426	1	0.02
SH163525	<0.005	<0.2	0.82	4	<10	110	<0.5	2	0.5	<0.5	6	18	8	1.85	<10	<1	0.09	10	0.4	319	<1	0.01
SH 893510	<0.005	<0.2	1.64	4	<10	350	<0.5	<2	0.54	<0.5	11	22	10	2.47	10	<1	0.11	10	0.57	869	<1	0.03
SH 893511	<0.005	<0.2	1.74	7	<10	260	0.5	<2	0.38	<0.5	11	28	13	3.01	10	<1	0.13	10	0.57	506	<1	0.01
SH 893512	0.012	<0.2	0.97	4	<10	120	<0.5	<2	0.21	<0.5	4	15	3	1.54	<10	<1	0.09	10	0.21	154	<1	<0.01
SH 893513	<0.005	<0.2	1.75	4	<10	150	<0.5	<2	0.28	<0.5	8	31	4	2.54	10	<1	0.1	10	0.7	380	<1	<0.01
SH 893514	<0.005	<0.2	1.49	4	<10	250	<0.5	3	0.21	<0.5	9	28	8	2.37	<10	1	0.05	10	0.4	353	1	0.02
SH 893515	<0.005	<0.2	1.32	6	<10	200	<0.5	<2	0.32	<0.5	6	23	9	2.3	<10	<1	0.05	10	0.42	188	<1	0.01
SH 893516	<0.005	<0.2	1.78	7	<10	170	<0.5	<2	0.31	<0.5	8	25	14	2.86	<10	<1	0.08	20	0.64	319	1	0.02
SH 893517	<0.005	<0.2	1.41	5	<10	530	0.6	2	1.47	0.7	9	24	49	2.36	<10	1	0.08	30	0.54	676	<1	0.03
SH 893518	<0.005	<0.2	1.43	2	<10	330	<0.5	2	0.63	<0.5	8	23	33	2.46	10	<1	0.22	20	0.6	1000	<1	0.03
SH 893519	<0.005	<0.2	1.56	7	<10	240	<0.5	<2	0.87	<0.5	8	26	21	2.54	<10	<1	0.15	20	0.71	342	1	0.02
SH 893520	<0.005	<0.2	1.45	5	<10	230	<0.5	<2	0.56	<0.5	9	26	13	2.39	<10	<1	0.08	10	0.66	508	1	0.02
SH 893521	0.005	<0.2	1.38	8	<10	230	<0.5	<2	0.9	<0.5	9	25	20	2.34	<10	<1	0.12	10	0.64	470	1	0.02
SH 893522	<0.005	<0.2	1.5	12	<10	340	0.5	<2	1.1	<0.5	11	24	31	3.23	<10	<1	0.25	20	0.75	696	1	0.02
SH 893523	<0.005	<0.2	1.86	8	<10	210	0.5	<2	0.4	<0.5	10	31	23	3.23	10	<1	0.23	10	0.69	328	<1	0.02
SH894008	0.005	<0.2	1.92	10	<10	260	0.5	<2	0.41	<0.5	13	36	26	3.35	10	<1	0.45	10	0.81	661	<1	0.02
SH894009	<0.005	0.2	2.36	5	<10	350	0.5	<2	0.59	<0.5	14	32	20	3.77	10	<1	0.24	10	0.9	956	<1	0.02
SH894010	<0.005	<0.2	1.35	8	<10	280	<0.5	<2	0.38	<0.5	9	29	12	2.48	<10	<1	0.24	10	0.44	547	<1	0.02
SH894011	0.016	<0.2	1.41	12	<10	250	<0.5	<2	0.31	<0.5	10	32	15	2.51	<10	<1	0.13	10	0.46	474	<1	0.02
SH894012	0.005	<0.2	1.49	6	<10	240	<0.5	<2	0.35	<0.5	10	30	18	2.65	10	<1	0.29	10	0.61	507	<1	0.02
SH894013	<0.005	<0.2	1.42	12	<10	210	<0.5	<2	0.28	<0.5	7	34	13	2.51	<10	<1	0.15	10	0.44	170	<1	0.02
SH894014	<0.005	<0.2	1.46	10	<10	270	<0.5	<2	0.36	<0.5	9	30	16	2.62	10	<1	0.23	10	0.59	394	<1	0.02
SH894015	<0.005	<0.2	1.87	12	<10	300	<0.5	<2	0.32	<0.5	15	21	48	3.65	10	<1	0.52	20	1.07	562	1	0.01
SH894016	0.005	<0.2	1.52	8	<10	410	<0.5	<2	0.4	<0.5	9	33	11	2.47	10	<1	0.05	10	0.44	351	1	0.02
SH894017	0.006	<0.2	1.3	8	<10	330	<0.5	<2	0.52	<0.5	8	27	19	2.33	<10	<1	0.07	20	0.54	280	1	0.02
SH894018	0.007	<0.2	1.33	9	<10	250	<0.5	<2	0.22	<0.5	8	31	9	2.26	10	<1	0.04	10	0.37	268	1	0.01
SH894019	<0.005	<0.2	1.83	10	<10	260	<0.5	<2	0.35	<0.5	9	25	7	3.14	10	<1	0.2	10	0.67	322	1	0.01
SH894020	0.005	<0.2	1.2	7	<10	220	<0.5	<2	0.51	<0.5	8	26	17	2.27	<10	<1	0.07	10	0.48	249	1	0.02
SH894021	<0.005	<0.2	3.31	5	<10	270	<0.5	<2	0.51	<0.5	20	29	34	4.22	10	<						

SH894030	0.005	<0.2	2.56	5	<10	260	0.7	<2	1.46	<0.5	13	37	24	3.73	10	<1	0.06	50	1.24	443	1	0.02
SH894031	0.007	<0.2	2.01	8	<10	240	0.5	<2	0.65	<0.5	10	34	14	3.07	10	<1	0.05	20	0.8	405	1	0.02
SH894032	<0.005	<0.2	1.38	4	<10	180	<0.5	<2	0.37	<0.5	7	24	7	2.28	10	<1	0.12	10	0.55	254	1	0.02
SH894033	0.005	<0.2	1.4	6	<10	230	<0.5	<2	0.41	<0.5	13	36	14	3.01	<10	<1	0.11	10	0.64	601	1	0.02
SH894034	0.005	<0.2	1.42	4	<10	250	<0.5	<2	1.38	<0.5	11	32	30	2.61	10	<1	0.1	20	0.76	502	1	0.03

Appendix 3b

SOIL SAMPLE RESULTS SHEET

BOND 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
SH162628	17	890	4	0.02	2	4	45	<10	<20	0.23	<10	<10	82	<10	51
SH162629	12	730	4	0.01	2	3	29	<10	<20	0.13	<10	<10	55	<10	37
SH162630	11	730	4	0.01	2	3	30	<10	<20	0.13	<10	<10	51	<10	31
SH162631	16	530	6	0.03	2	4	36	<10	<20	0.06	<10	<10	51	<10	34
SH162632	19	870	6	0.05	<2	5	41	<10	<20	0.09	<10	<10	61	<10	38
SH162633	10	930	5	0.01	<2	3	22	<10	<20	0.17	<10	<10	78	<10	30
SH162634	11	460	5	0.01	<2	2	23	<10	<20	0.13	<10	<10	69	<10	33
SH162635	15	380	4	<0.01	2	4	26	<10	<20	0.13	<10	<10	69	<10	37
SH162636	16	600	4	<0.01	<2	3	26	<10	<20	0.15	<10	<10	67	<10	39
SH162637	16	1170	<2	<0.01	<2	3	33	<10	<20	0.08	<10	<10	40	<10	22
SH163274	19	690	4	0.02	<2	3	38	<10	<20	0.08	<10	<10	49	<10	42
SH163275	18	760	4	0.02	<2	4	39	<10	<20	0.11	<10	<10	67	<10	53
SH163276	18	1120	2	0.01	<2	4	37	<10	<20	0.11	<10	<10	48	<10	45
SH163277	15	520	3	0.03	<2	3	45	<10	<20	0.07	<10	<10	41	<10	31
SH163278	18	1150	3	0.01	<2	3	31	<10	<20	0.08	<10	<10	41	<10	38
SH163279	15	380	4	0.04	2	3	49	<10	<20	0.07	<10	<10	45	<10	36
SH163280	12	270	2	0.01	<2	3	16	<10	<20	0.07	<10	<10	46	<10	31
SH163281	18	240	4	0.01	2	3	17	<10	<20	0.08	<10	<10	59	<10	41
SH163282	14	930	2	0.01	<2	3	26	<10	<20	0.08	<10	<10	41	<10	30
SH163283	11	170	4	0.01	2	2	16	<10	<20	0.07	<10	<10	52	<10	31
SH163284	15	400	5	0.01	<2	3	23	<10	<20	0.09	<10	<10	59	<10	38
SH163285	21	510	5	0.02	<2	4	46	<10	<20	0.07	<10	<10	51	<10	43
SH163286	14	500	4	0.01	2	3	22	<10	<20	0.1	<10	<10	52	<10	52
SH163287	23	720	5	0.02	<2	4	41	<10	<20	0.08	<10	<10	49	<10	60
H163312	16	470	6	<0.01	<2	5	31	<10	<20	0.11	<10	<10	81	<10	44
H163313	7	260	6	0.01	<2	2	16	<10	<20	0.11	<10	<10	49	<10	26
H163314	14	410	8	0.01	2	5	29	<10	<20	0.13	<10	<10	63	<10	66
H163315	21	790	8	0.03	<2	6	38	<10	<20	0.16	<10	<10	63	<10	101
H163316	20	590	6	0.01	<2	6	37	<10	<20	0.11	<10	<10	59	<10	57
H163317	11	250	5	<0.01	<2	3	19	<10	<20	0.28	<10	<10	101	<10	60
H163318	13	230	7	<0.01	<2	3	19	<10	<20	0.09	<10	<10	57	<10	44
H163319	16	340	6	<0.01	<2	4	22	<10	<20	0.08	<10	<10	53	<10	45
H163320	19	220	7	<0.01	<2	3	16	<10	<20	0.09	<10	<10	58	<10	58
H163321	9	750	3	<0.01	<2	5	18	<10	<20	0.17	<10	<10	68	<10	46
H163322	13	330	6	<0.01	<2	3	21	<10	<20	0.1	<10	<10	61	<10	41
H163323	12	980	4	0.02	<2	3	34	<10	<20	0.09	<10	<10	52	<10	41
H163324	18	700	7	0.03	<2	5	46	<10	<20	0.09	<10	<10	51	<10	55
H163325	16	700	4	0.03	<2	4	47	<10	<20	0.09	<10	<10	46	<10	43
H163326	17	740	6	0.02	3	5	40	<10	<20	0.12	<10	<10	61	<10	56
H163327	17	740	6	0.04	2	4	52	<10	<20	0.09	<10	<10	48	<10	53
H163328	17	770	6	0.03	<2	3	46	<10	<20	0.07	<10	<10	43	<10	51
H163329	22	570	8	0.01	<2	4	24	<10	<20	0.07	<10	<10	49	<10	53
H163330	30	840	7	0.02	<2	4	47	<10	<20	0.06	<10	<10	46	<10	54
H163331	12	360	6	0.02	<2	2	27	<10	<20	0.06	<10	<10	40	<10	39
H163332	14	540	8	0.02	<2	3	25	<10	20	0.08	<10	<10	49	<10	57
H163333	16	260	8	0.01	<2	3	19	<10	<20	0.04	<10	<10	45	<10	43
H163334	9	260	9	0.01	<2	2	22	<10	<20	0.02	<10	<10	37	<10	40
H163351	15	610	7	0.01	<2	3	21	<10	<20	0.1	<10	<10	59	<10	56
H163352	12	330	7	0.01	<2	4	12	<10	<20	0.13	<10	<10	54	<10	62
H163353	14	240	9	<0.01	<2	3	15	<10	<20	0.08	<10	<10	64	<10	43
H163354	13	680	4	0.01	<2	3	31	<10	<20	0.19	<10	<10	76	<10	52
H163355	56	990	5	0.02	<2	7	40	<10	<20	0.16	<10	<10	74	<10	51
H163356	19	690	4	0.01	<2	5	25	<10	<20	0.15	<10	<10	75	<10	58

H163357	17	180	6	<0.01	<2		3	25	<10	<20	0.05	<10	<10	63	<10	46
H163358	16	270	6	0.01	<2		3	23	<10	<20	0.09	<10	<10	67	<10	47
H163359	12	440	4	0.01	<2		3	27	<10	<20	0.05	<10	<10	55	<10	45
H163360	18	370	6	0.01	<2		3	23	<10	<20	0.08	<10	<10	60	<10	45
H163361	22	590	9	0.01	<2		5	33	<10	<20	0.07	<10	<10	55	<10	71
H163362	22	320	8	0.01	<2		5	25	<10	<20	0.08	<10	<10	61	<10	54
H163363	12	520	21	0.01	<2		10	23	<10	<20	0.03	<10	<10	98	<10	108
H163364	34	670	7	0.01	<2		8	22	<10	<20	0.13	<10	<10	86	<10	60
H163365	13	260	6	0.01	<2		3	36	<10	<20	0.08	<10	<10	59	<10	49
SH163501	9	870	2	0.11		3	1	141	<10	<20	0.02	<10	<10	13	<10	21
SH163502	16	1120	2	0.02		3	5	39	<10	<20	0.13	<10	<10	64	<10	50
SH163503	15	1050	7	0.02	<2		4	41	<10	<20	0.08	<10	<10	47	<10	43
SH163504	26	1030	5	0.04		2	6	57	<10	<20	0.22	<10	<10	85	<10	67
SH163505	18	1120	4	0.1	<2		2	96	<10	<20	0.04	<10	<10	31	<10	28
SH163506	20	140	8	<0.01	<2		3	17	<10	<20	0.09	<10	<10	64	<10	46
SH163507	25	170	11	0.01	<2		3	23	<10	<20	0.1	<10	<10	61	<10	65
SH163508	15	140	6	<0.01	<2		4	27	<10	<20	0.09	<10	<10	66	<10	47
SH163509	17	150	8	<0.01	<2		5	20	<10	<20	0.07	<10	<10	58	<10	49
SH163510	14	200	9	<0.01	<2		3	20	<10	<20	0.06	<10	<10	46	<10	58
SH163511	15	140	11	<0.01	<2		3	19	<10	<20	0.08	<10	<10	52	<10	50
SH163512	19	210	6	<0.01	<2		6	23	<10	<20	0.14	<10	<10	83	<10	78
SH163513	14	550	11	<0.01	<2		3	20	<10	<20	0.06	<10	<10	68	<10	46
SH163514	18	530	8	<0.01	<2		4	24	<10	<20	0.1	<10	<10	58	<10	59
SH163515	15	370	8	<0.01	<2		3	18	<10	<20	0.11	<10	<10	76	<10	48
SH163516	22	370	7	0.01	<2		5	27	<10	<20	0.08	<10	<10	78	<10	55
SH163517	17	400	7	<0.01	<2		3	18	<10	<20	0.06	<10	<10	54	<10	42
SH163518	13	220	9	<0.01	<2		4	21	<10	<20	0.11	<10	<10	66	<10	56
SH163519	18	760	6	<0.01	<2		5	31	<10	<20	0.11	<10	<10	57	<10	58
SH163520	12	830	4	<0.01	<2		5	28	<10	<20	0.12	<10	<10	62	<10	52
SH163521	22	610	6	<0.01	<2		5	29	<10	<20	0.09	<10	<10	56	<10	52
SH163522	20	710	7	<0.01	<2		4	31	<10	<20	0.09	<10	<10	54	<10	57
SH163523	18	770	6	0.02	<2		7	37	<10	<20	0.09	<10	<10	67	<10	60
SH163524	19	740	7	0.01	<2		6	35	<10	<20	0.08	<10	<10	60	<10	53
SH163525	9	930	4	<0.01	<2		2	24	<10	<20	0.07	<10	<10	44	<10	38
SH 893510	14	540	7	<0.01	<2		4	28	<10	<20	0.08	<10	<10	53	<10	51
SH 893511	14	300	7	<0.01	<2		6	21	<10	<20	0.06	<10	<10	65	<10	49
SH 893512	8	220	8	<0.01	<2		2	17	<10	<20	0.02	<10	<10	30	<10	29
SH 893513	18	240	7	<0.01	<2		3	21	<10	<20	0.09	<10	<10	58	<10	59
SH 893514	13	150	5	0.01	<2		3	18	<10	<20	0.07	<10	<10	60	<10	46
SH 893515	12	360	6	0.01	<2		3	24	<10	<20	0.07	<10	<10	54	<10	35
SH 893516	15	530	7	0.01		2	4	22	<10	<20	0.08	<10	<10	60	<10	49
SH 893517	22	760	6	0.04		2	6	50	<10	<20	0.05	<10	<10	49	<10	64
SH 893518	13	480	6	0.02	<2		5	33	<10	<20	0.12	<10	<10	60	<10	65
SH 893519	15	690	8	0.03	<2		5	41	<10	<20	0.11	<10	<10	59	<10	79
SH 893520	13	630	7	0.01	<2		4	31	<10	<20	0.1	<10	<10	53	<10	61
SH 893521	16	590	5	0.02	<2		4	43	<10	<20	0.09	<10	<10	54	<10	59
SH 893522	16	740	10	0.05	<2		8	41	<10	<20	0.06	<10	<10	62	<10	63
SH 893523	15	280	8	0.01	<2		6	22	<10	<20	0.11	<10	<10	69	<10	62
SH894008	22	470	7	0.01	<2		7	21	<10	<20	0.14	<10	<10	77	<10	68
SH894009	14	470	7	0.02	<2		7	24	<10	<20	0.15	<10	<10	95	<10	69
SH894010	17	280	7	0.01	<2		4	21	<10	<20	0.09	<10	<10	54	<10	40
SH894011	18	420	7	0.01	<2		5	22	<10	<20	0.09	<10	<10	58	<10	46
SH894012	15	240	6	0.01	<2		4	20	<10	<20	0.13	<10	<10	61	<10	65
SH894013	19	290	8	0.01	<2		5	17	<10	<20	0.09	<10	<10	58	<10	42
SH894014	18	290	8	0.01	<2		5	22	<10	<20	0.09	<10	<10	56	<10	52
SH894015	35	770	5	0.01	<2		9	17	<10	<20	0.17	<10	<10	84	10	149
SH894016	20	430	7	<0.01	<2		4	25	<10	<20	0.07	<10	<10	57	<10	55
SH894017	19	830	7	0.01	<2		4	33	<10	<20	0.08	<10	<10	50	<10	71
SH894018	19	340	6	<0.01	<2		3	17	<10	<20	0.06	<10	<10	51	<10	42
SH894019	16	880	6	<0.01	<2		3	21	<10	<20	0.14	<10	<10	75	<10	52
SH894020	20	780	5	<0.01	<2		4	31	<10	<20	0.08	<10	<10	46	<10	49
SH894021	21	1140	4	<0.01	<2		4	23	<10	<20	0.29	<10	<10	102	<10	64
SH894022	18	630	5	0.02	<2		4	33	<10	<20	0.19	<10	<10	82	<10	48
SH894023	16	900	5	0.03	<2		5	43	<10	<20	0.11	<10	<10	61	<10	47
SH894024	22	470	4	<0.01		2	3	34	<10	<20	0.21	<10	<10	78	<10	61
SH894025	18	840	2	<0.01	<2		3	52	<10	<20	0.26	<10	<10	78	<10	68
SH894026	21	280	6	<0.01	<2		3	19	<10	<20	0.14	<10	<10	79	<10	57
SH894027	20	390	8	<0.01	<2		3	29	<10	<20	0.13	<10	<10	72	<10	46
SH894028	22	820	6	0.01	<2		5	37	<10	<20	0.11	<10	<10	58	<10	59
SH894029	21	740	4	0.01	<2		4	37	<10	<20	0.11	<10	<10	55	<10	51

SH894030	23	860	6	0.05	<2	9	53	<10	<20	0.15	<10	<10	76	<10	63
SH894031	19	500	5	<0.01	<2	6	32	<10	<20	0.1	<10	<10	63	<10	55
SH894032	12	250	4	<0.01	<2	3	24	<10	<20	0.12	<10	<10	60	<10	42
SH894033	22	1150	5	<0.01	<2	4	27	<10	<20	0.13	<10	<10	68	<10	60
SH894034	22	900	4	0.04	<2	5	57	<10	<20	0.1	<10	<10	58	<10	59

Appendix 3c: Silt Sample Descriptions and Results

Appendix 3c

SILT SAMPLE DESCRIPTION SHEET

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

Sample No	Easting UTM NAD 27C	Northing UTM NAD 27C	Zone	% Fines	Colour	Stream Grade	Stream Width (m)	Date	Sampler	Comments
TH162648	350418	6964224	8	65	grey	M	0.80	22-Jul	BW/CS	Very swift from recent rains; several sites, incl. mossmat
TH162649	351580	6962731	8	85	gry-brn	M	1.50	21-Jul	GM/CS	Very swift from recent rains; abnt silt (new?)
TH163335	349690	6961900	8	70	br	S	0.40	15-Aug	GM/CS	Incl moss mat; mod-stap
TH163336	349590	6962076	8	75	br	S	0.50	15-Aug	GM/CS	Incl moss mat - abund silt
TH163337	349436	6962228	8	70	br	S	0.50	15-Aug	GM/CS	Largely moss mat
TH163338	349369	6962294	8	75	br	S	0.30	15-Aug	GM/CS	Dry temp silt channel - Trib
TH163339	349345	6962419	8	65	br	S	1.00	15-Aug	GM/CS	Largely moss mat
TH163340	349329	6962427	8	80	dk br	M	0.50	15-Aug	GM/CS	Trib; dry channel
TH163341	349292	6962542	8	65	dk br	M	0.30	15-Aug	GM/CS	Intermittent trickle - trib
TH163342	349278	6962556	8	75	dk br	S	0.20	15-Aug	GM/CS	Dry; abund fresh silt; trib
TH163343	349291	6962626	8	70	br	S	1.20	15-Aug	GM/CS	Incl moss mat
TH163344	349279	6962628	8	65	dk br	M	0.20	15-Aug	GM/CS	Trib: silt and moss mat
TH163345	349263	6962702	8	70	dk br	S	0.20	15-Aug	GM/CS	Trib: dry, incl moss mat
TH163346	349300	6962842	8	70	br	S	0.80	15-Aug	GM/CS	Silt along stream banks
TH163347	349342	6962931	8	75	dk br	S	0.70	15-Aug	GM/CS	Trib: dry, sev sites
TH163348	349368	6963036	8	80	gr-br	M	0.80	15-Aug	GM/CS	Banks and active silt
TH164692	352239	6963236	8	70	gr	G	0.50	15-Aug	SS/EH	Flowing rapidly
TH164693	349414	6962298	8	60	gr-bk	G	0.50	15-Aug	SS/EH	Large discharge for small stream
TH893501	349528	6963186	8	70	gr-br	M	1.00	15-Aug	GM/CS	Largely bank silt
TH893502	349683	6963317	8	75	gr-br	M	1.50	15-Aug	GM/CS	Largely bank silt
TH893503	349750	6963310	8	80	br	M	1.50	15-Aug	GM/CS	Trib: abund quartz veins in creek bed
TH893504	349814	6963443	8	75	gr-br	M	1.50	15-Aug	GM/CS	Active and stabilized silt
TH893505	349940	6963618	8	80	gr	M	1.00	15-Aug	GM/CS	Bank silt
TH893506	350072	6963785	8	80	gr	M	1.50	15-Aug	GM/CS	Bank silts - sandy
TH893507	350189	6963942	8	70	gr-br	M	2.00	15-Aug	GM/CS	Sand and silt, incl moss mat
TH893508	350300	6964048	8	75	lt br	G	2.00	15-Aug	GM/CS	Sand and silt, incl moss mat
TH893509	350333	6964056	8	60	lt br	M	0.40	15-Aug	GM/CS	Trib, somewhat strong
TH893549	351364	6962584	8	65	lt br	S	0.40	16-Aug	GM/CS	Sev sites, incl moss mat
TH893550	351371	6962573	8	55	br	M	0.30	16-Aug	GM/CS	Silt and moss mat

Appendix 3c

SILT SAMPLE RESULTS SHEET

BOND 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	%
TH162648	<0.005	<0.2	0.75	2	<10	100	<0.5	<2	0.6	<0.5	5	16	7	1.53	<10	<1	0.05	10	0.39	231	<1	0.02
TH162649	<0.005	<0.2	0.76	<2	<10	110	<0.5	<2	0.59	<0.5	6	13	8	1.52	<10	<1	0.04	10	0.38	252	<1	0.02
TH163335	<0.005	<0.2	1.14	4	<10	130	<0.5	<2	0.47	<0.5	8	19	11	1.79	<10	<1	0.04	10	0.39	368	<1	0.03
TH163336	<0.005	<0.2	1.1	5	<10	140	<0.5	<2	0.49	<0.5	8	19	11	1.87	<10	<1	0.04	10	0.4	356	<1	0.03
TH163337	<0.005	<0.2	1.07	4	<10	140	<0.5	<2	0.53	<0.5	8	19	11	1.8	<10	<1	0.04	10	0.4	331	<1	0.03
TH163338	0.009	<0.2	0.94	4	<10	140	<0.5	<2	0.67	<0.5	7	25	14	1.99	<10	<1	0.06	10	0.48	305	<1	0.03
TH163339	0.010	<0.2	1.05	3	<10	140	<0.5	<2	0.62	<0.5	7	21	11	1.73	<10	<1	0.04	10	0.43	296	<1	0.03
TH163340	0.005	<0.2	1.05	4	<10	170	<0.5	<2	0.75	<0.5	7	23	15	1.95	<10	1	0.05	10	0.46	340	<1	0.03
TH163341	<0.005	<0.2	1.3	6	<10	210	<0.5	<2	0.71	<0.5	9	25	15	2.2	<10	<1	0.05	10	0.5	481	<1	0.03
TH163342	<0.005	<0.2	0.88	3	<10	140	<0.5	<2	0.81	<0.5	7	20	12	1.69	<10	1	0.05	10	0.43	375	<1	0.03
TH163343	<0.005	<0.2	1	2	<10	150	<0.5	<2	0.64	<0.5	7	22	10	1.72	<10	1	0.05	10	0.41	317	<1	0.03
TH163344	0.007	<0.2	1.23	4	<10	180	<0.5	<2	0.82	<0.5	8	25	15	2.05	<10	1	0.05	10	0.5	414	<1	0.03
TH163345	<0.005	<0.2	0.65	2	<10	120	<0.5	<2	1.19	<0.5	5	15	7	1.45	<10	1	0.05	10	0.35	293	<1	0.03
TH163346	<0.005	<0.2	0.65	2	<10	80	<0.5	<2	0.49	<0.5	4	14	3	1.18	<10	<1	0.03	10	0.3	174	<1	0.02
TH163347	<0.005	<0.2	0.96	2	<10	150	<0.5	<2	0.79	<0.5	7	18	11	1.84	<10	<1	0.08	10	0.46	375	<1	0.03
TH163348	<0.005	<0.2	0.79	3	<10	100	<0.5	<2	0.51	<0.5	5	15	7	1.35	<10	<1	0.04	10	0.35	229	<1	0.02
TH 164692	<0.005	<0.2	0.83	3	<10	120	<0.5	<2	0.59	<0.5	6	16	8	1.56	<10	<1	0.05	10	0.42	253	<1	0.02
TH164693	<0.005	<0.2	0.96	3	<10	110	<0.5	<2	0.5	<0.5	8	18	9	1.58	<10	<1	0.04	10	0.36	244	<1	0.02
TH893501	<0.005	<0.2	0.9	2	<10	110	<0.5	<2	0.55	<0.5	6	22	9	1.48	<10	<1	0.04	10	0.38	218	<1	0.03
TH893502	<0.005	<0.2	0.68	2	<10	70	<0.5	<2	0.51	<0.5	4	16	4	1.35	<10	<1	0.04	10	0.32	190	<1	0.02
TH893503	0.010	<0.2	1.09	3	<10	140	<0.5	<2	0.71	<0.5	7	19	10	1.97	<10	<1	0.06	10	0.49	367	<1	0.03
TH893504	0.006	<0.2	0.7	2	<10	80	<0.5	<2	0.52	<0.5	5	15	4	1.35	<10	<1	0.04	10	0.32	180	<1	0.02
TH893505	<0.005	<0.2	0.73	4	<10	80	<0.5	<2	0.52	<0.5	8	16	17	1.31	<10	<1	0.04	10	0.34	186	<1	0.02
TH893506	<0.005	<0.2	0.71	2	<10	90	<0.5	<2	0.5	<0.5	7	15	7	1.3	<10	<1	0.04	10	0.34	211	<1	0.02
TH893507	<0.005	<0.2	0.72	2	<10	90	<0.5	<2	0.56	<0.5	7	16	7	1.42	<10	<1	0.04	10	0.34	197	<1	0.02
TH893508	<0.005	<0.2	0.82	2	<10	100	<0.5	<2	0.57	<0.5	8	17	8	1.45	<10	<1	0.05	10	0.38	230	<1	0.02
TH893509	<0.005	<0.2	1.05	5	<10	160	<0.5	<2	0.7	<0.5	10	22	16	2.12	<10	<1	0.1	10	0.55	408	<1	0.02
TH 893549	<0.005	<0.2	1.05	3	<10	140	<0.5	<2	0.59	<0.5	7	18	10	1.72	<10	<1	0.04	10	0.42	334	<1	0.02
TH 893550	<0.005	<0.2	1.06	3	<10	140	<0.5	<2	0.69	<0.5	7	17	8	1.75	<10	<1	0.04	10	0.47	290	<1	0.02

Appendix 3c

SILT SAMPLE RESULTS SHEET

BOND 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	Ti	U	V	W	Zn
DESCRIPTION	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
TH162648	11	1060	4	<0.01	<2	2	25	<10	<20	0.06	<10	<10	33	<10	40
TH162649	10	850	3	<0.01	2	2	24	<10	<20	0.06	<10	<10	32	<10	31
TH163335	11	810	3	0.02	<2	3	28	<10	<20	0.07	<10	<10	41	<10	35
TH163336	11	850	2	0.01	<2	3	28	<10	<20	0.07	<10	<10	43	<10	34
TH163337	12	880	<2	0.01	<2	3	30	<10	<20	0.07	<10	<10	41	<10	34
TH163338	19	1170	2	0.01	<2	3	36	<10	<20	0.08	<10	<10	45	<10	42
TH163339	13	1000	2	0.02	<2	3	33	<10	<20	0.07	<10	<10	39	<10	38
TH163340	17	910	3	0.03	<2	3	39	<10	<20	0.07	<10	<10	43	<10	43
TH163341	16	800	4	0.03	<2	3	39	<10	<20	0.08	<10	<10	49	<10	47
TH163342	14	840	2	0.02	<2	3	36	<10	<20	0.07	<10	<10	37	<10	36
TH163343	13	1000	2	0.02	<2	3	33	<10	<20	0.07	<10	<10	40	<10	36
TH163344	17	880	2	0.02	<2	3	41	<10	<20	0.08	<10	<10	44	<10	47
TH163345	11	730	<2	0.04	<2	2	38	<10	<20	0.05	<10	<10	30	<10	29
TH163346	8	1090	<2	<0.01	<2	2	22	<10	<20	0.05	<10	<10	27	<10	24
TH163347	13	880	2	0.02	<2	3	32	<10	<20	0.07	<10	<10	39	<10	46
TH163348	10	930	<2	<0.01	<2	2	26	<10	<20	0.06	<10	<10	31	<10	30
TH 164692	10	890	<2	0.03	<2	3	26	<10	<20	0.06	<10	<10	33	<10	34
TH164693	10	850	<2	0.01	<2	3	27	<10	<20	0.07	<10	<10	38	<10	32
TH893501	12	990	<2	0.01	<2	3	28	<10	<20	0.07	<10	<10	35	<10	37
TH893502	8	1190	<2	0.01	<2	2	25	<10	<20	0.06	<10	<10	32	<10	26
TH893503	12	990	2	0.02	<2	3	31	<10	<20	0.07	<10	<10	43	<10	43
TH893504	9	1110	<2	0.01	<2	2	25	<10	<20	0.06	<10	<10	32	<10	27
TH893505	17	1060	2	0.02	<2	2	26	<10	<20	0.06	<10	<10	30	<10	51
TH893506	10	990	<2	0.01	<2	2	24	<10	<20	0.06	<10	<10	29	<10	30
TH893507	9	1120	<2	0.01	<2	2	26	<10	<20	0.06	<10	<10	32	<10	28
TH893508	11	1030	<2	0.01	<2	2	28	<10	<20	0.06	<10	<10	33	<10	33
TH893509	16	870	2	0.02	<2	3	33	<10	<20	0.07	<10	<10	45	<10	51
TH 893549	10	840	3	0.02	<2	3	27	<10	<20	0.07	<10	<10	38	<10	37
TH 893550	10	1010	2	0.03	<2	3	31	<10	<20	0.07	<10	<10	37	<10	36

Appendix 4: Original Sample Results



ALS Chemex

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ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: NORTHERN TIGER RESOURCES

220 - 17010 103RD AVE.

EDMONTON AB T5S 1K7

Page: 1

Finalized Date: 8-SEP-2008

This copy reported on 16-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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To: NORTHERN TIGER RESOURCES

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Page: 2 - A

Total # Pages: 4 (A - C)

Finalized Date: 8-SEP-2008

Account: NOTIRE

Project: Sonora

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
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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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
		Te	Th	Ti	Tl	U	V	W
		ppm 10	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10
SH162578		<10	<20	0.07	<10	<10	44	<10
SH162579		<10	<20	0.10	<10	<10	54	<10
SH162580		<10	<20	0.08	<10	<10	49	<10
SH162581		<10	<20	0.10	<10	<10	49	<10
SH162582		<10	<20	0.07	<10	<10	51	<10
SH162583		<10	<20	0.10	<10	<10	55	<10
SH162584		<10	<20	0.11	<10	<10	58	<10
SH162585		<10	<20	0.06	<10	<10	52	<10
SH162586		<10	<20	0.07	<10	<10	46	<10
SH162587		<10	<20	0.06	<10	<10	48	<10
SH162588		<10	<20	0.06	<10	<10	47	<10
SH162589		<10	<20	0.07	<10	<10	57	<10
SH162590		<10	<20	0.08	<10	<10	69	<10
SH162591		<10	30	0.03	<10	<10	29	<10
SH162592		<10	<20	0.01	<10	<10	3	<10
SH162593		<10	<20	0.06	<10	<10	62	<10
SH162594		<10	<20	0.03	<10	<10	63	<10
SH162595		<10	<20	0.05	<10	<10	43	<10
SH162596		<10	<20	0.03	<10	<10	43	<10
SH162597		<10	<20	0.02	<10	<10	34	<10
SH162598		<10	<20	0.06	<10	<10	42	<10
SH162599		<10	<20	0.07	<10	<10	52	<10
SH162600		<10	<20	0.08	<10	<10	50	<10
SH162628		<10	<20	0.23	<10	<10	82	<10
SH162629		<10	<20	0.13	<10	<10	55	<10
SH162630		<10	<20	0.13	<10	<10	51	<10
SH162631		<10	<20	0.06	<10	<10	51	<10
SH162632		<10	<20	0.09	<10	<10	61	<10
SH162633		<10	<20	0.17	<10	<10	78	<10
SH162634		<10	<20	0.13	<10	<10	69	<10
SH162635		<10	<20	0.13	<10	<10	69	<10
SH162636		<10	<20	0.15	<10	<10	67	<10
SH162637		<10	<20	0.08	<10	<10	40	<10
SH162638		<10	<20	0.06	<10	<10	43	<10
SH162639		<10	<20	0.06	<10	<10	51	<10
SH162640		<10	<20	0.12	<10	<10	60	<10
SH162641		<10	<20	0.11	<10	<10	70	<10
SH162642		<10	<20	0.07	<10	<10	51	<10
SH162643		<10	<20	0.07	<10	<10	49	<10
SH162644		<10	<20	0.06	<10	<10	46	<10



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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	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
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: 18-SEP-2008

This copy reported on 16-JAN-2009

Account: NOTIRE

CERTIFICATE VA08111194

Project: Sonora

P.O. No.:

This report is for 18 Rock samples submitted to our lab in Vancouver, BC, Canada on 27-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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Page: 2 - A

Total # Pages: 2 (A - C)

Finalized Date: 18-SEP-2008

Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA08111194

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
RH 163218		1.88	0.016	0.6	0.24	204	<10	1300	<0.5	<2	0.02	<0.5	1	10	23	1.44
RH 163219		1.46	0.023	0.6	0.24	296	<10	2220	<0.5	<2	0.01	<0.5	2	16	6	1.03
RH 163220		0.52	0.017	0.5	0.19	497	<10	2500	<0.5	<2	0.01	<0.5	1	16	8	0.93
RH 163221		1.00	0.023	0.6	0.21	467	<10	1550	<0.5	<2	0.01	<0.5	1	17	10	1.00
RH 163222		0.94	<0.005	0.4	0.22	108	<10	1940	<0.5	<2	0.02	<0.5	1	17	7	1.22
RH 163223		1.42	0.029	2.3	0.37	472	<10	820	<0.5	<2	0.02	<0.5	1	22	11	1.58
RH 163224		1.12	0.036	2.1	0.32	44	<10	1180	<0.5	<2	0.02	<0.5	1	20	7	1.33
RH 163225		1.20	0.037	0.6	0.36	835	<10	3030	<0.5	<2	0.03	2.4	6	16	47	2.04
RH 163226		1.20	0.073	0.7	0.22	127	<10	1260	<0.5	<2	0.01	<0.5	1	15	31	1.23
RH 163227		1.20	0.010	0.8	0.31	105	<10	2070	<0.5	<2	0.04	<0.5	1	25	40	1.82
RH 163228		0.72	<0.005	0.6	0.17	125	<10	540	<0.5	<2	0.01	<0.5	1	21	16	1.12
RH 163349		1.98	<0.005	<0.2	0.72	<2	<10	760	<0.5	<2	1.30	<0.5	5	7	7	1.80
RH 163350		1.76	<0.005	<0.2	0.82	<2	<10	130	<0.5	<2	0.45	<0.5	2	8	16	1.13
RH 164665		1.50	0.006	<0.2	0.45	3	<10	50	<0.5	<2	0.08	<0.5	<1	6	1	1.15
RH 164666		1.62	<0.005	<0.2	0.67	<2	<10	70	<0.5	<2	0.22	<0.5	2	9	1	1.18
RH 164667		1.54	<0.005	<0.2	0.42	<2	<10	80	<0.5	<2	0.08	<0.5	2	13	3	1.00
RH 164668		1.16	<0.005	<0.2	0.74	2	<10	10	<0.5	<2	0.03	<0.5	55	2700	8	4.95
RH 164669		0.72	<0.005	0.2	2.57	<2	<10	130	0.8	<2	2.22	<0.5	19	104	7	3.26



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Total # Pages: 2 (A - C)

Finalized Date: 18-SEP-2008

Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA08111194

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
RH 163218		<10	<1	0.12	<10	0.02	59	<1	<0.01	3	150	11	0.07	27	1
RH 163219		<10	<1	0.15	<10	0.02	50	<1	<0.01	1	160	59	0.10	6	1
RH 163220		<10	<1	0.11	<10	0.01	48	1	<0.01	<1	440	38	0.08	7	1
RH 163221		<10	<1	0.13	<10	0.01	43	<1	<0.01	<1	200	25	0.10	7	1
RH 163222		<10	<1	0.15	<10	0.01	43	<1	<0.01	<1	110	6	0.13	7	<1
RH 163223		<10	1	0.23	<10	0.02	58	1	<0.01	1	680	42	0.16	17	2
RH 163224		<10	1	0.21	<10	0.02	49	5	<0.01	1	430	20	0.19	<2	1
RH 163225		<10	<1	0.16	<10	0.02	199	2	<0.01	24	320	39	0.08	9	2
RH 163226		<10	<1	0.18	<10	0.02	41	8	<0.01	1	600	89	0.13	6	1
RH 163227		<10	1	0.17	<10	0.02	53	13	<0.01	11	780	59	0.10	6	1
RH 163228		<10	<1	0.17	<10	0.01	37	14	<0.01	1	600	9	0.14	7	1
RH 163349		<10	<1	0.34	20	0.13	718	<1	0.05	<1	260	6	0.01	<2	4
RH 163350		<10	<1	0.40	20	0.09	167	<1	0.10	<1	40	4	<0.01	<2	1
RH 164665		<10	<1	0.21	<10	0.03	47	<1	0.08	<1	20	6	<0.01	<2	1
RH 164666		<10	1	0.25	30	0.20	174	<1	0.10	<1	170	6	0.01	<2	1
RH 164667		<10	<1	0.22	20	0.05	211	<1	0.10	<1	80	5	<0.01	<2	2
RH 164668		<10	1	0.01	<10	11.30	459	<1	0.01	1130	70	2	<0.01	<2	5
RH 164669		10	<1	0.63	30	1.89	697	<1	0.03	38	590	25	0.15	<2	4



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Finalized Date: 18-SEP-2008

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Project: Sonora

CERTIFICATE OF ANALYSIS VA08111194

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
RH 163218		<10	<20	<0.01	<10	<10	13	<10
RH 163219		<10	<20	<0.01	<10	<10	11	<10
RH 163220		<10	<20	<0.01	<10	<10	10	<10
RH 163221		<10	<20	<0.01	<10	<10	9	<10
RH 163222		<10	<20	<0.01	<10	<10	7	<10
RH 163223		<10	<20	<0.01	<10	<10	28	<10
RH 163224		<10	<20	<0.01	<10	<10	37	<10
RH 163225		<10	<20	<0.01	<10	<10	23	<10
RH 163226		<10	<20	<0.01	<10	<10	28	<10
RH 163227		<10	<20	<0.01	<10	<10	53	<10
RH 163228		<10	<20	<0.01	<10	<10	86	<10
RH 163349		<10	<20	<0.01	<10	<10	12	<10
RH 163350		<10	20	<0.01	<10	<10	6	<10
RH 164665		<10	<20	<0.01	<10	<10	1	<10
RH 164666		<10	20	0.01	<10	<10	5	<10
RH 164667		<10	30	0.01	<10	<10	6	<10
RH 164668		<10	<20	0.01	<10	<10	35	<10
RH 164669		<10	<20	0.02	<10	<10	31	<10



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Account: NOTIRE

CERTIFICATE VA08121711

Project: Sonora

P.O. No.:

This report is for 216 Soil samples submitted to our lab in Vancouver, BC, Canada on 27-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 VA08121711

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
SH162666		0.28	<0.005	0.2	1.66	47	<10	250	<0.5	<2	0.22	<0.5	10	37	22	3.08
SH162667		0.50	<0.005	0.3	2.38	41	<10	390	0.5	<2	0.32	0.5	27	62	43	3.76
SH162668		0.64	0.005	0.3	2.05	28	<10	430	0.5	<2	0.43	0.5	9	59	24	3.42
SH162669		0.80	0.008	0.7	2.15	72	<10	690	0.7	<2	0.46	<0.5	13	54	32	3.51
SH162670		0.50	<0.005	<0.2	2.20	12	<10	200	<0.5	<2	0.15	<0.5	8	32	12	3.48
SH162671		0.64	<0.005	<0.2	1.24	5	<10	180	<0.5	<2	0.10	<0.5	5	13	5	2.04
SH162672		0.60	<0.005	0.2	2.25	119	<10	140	0.8	<2	0.10	0.6	13	51	30	4.83
SH162673		0.76	<0.005	<0.2	1.86	17	<10	200	0.6	<2	0.38	<0.5	14	26	17	3.82
SH162674		0.50	0.006	0.2	1.54	18	<10	290	<0.5	<2	0.13	<0.5	5	23	10	2.27
SH162675		0.50	<0.005	0.3	1.11	25	<10	210	0.5	2	0.17	<0.5	5	16	7	2.13
SH162676		0.36	<0.005	0.3	1.48	11	<10	320	<0.5	<2	0.26	<0.5	6	22	8	2.26
SH162677		0.52	<0.005	<0.2	1.35	24	<10	200	<0.5	<2	0.14	<0.5	4	23	8	2.42
SH162678		0.58	0.017	0.2	1.23	30	<10	270	0.8	2	0.22	<0.5	5	16	7	2.05
SH162679		0.50	<0.005	0.2	1.25	58	<10	340	0.6	<2	0.33	<0.5	7	20	11	2.25
SH162680		0.38	<0.005	<0.2	1.93	64	<10	720	1.5	<2	0.65	<0.5	11	42	14	3.20
SH162681		0.50	<0.005	<0.2	1.59	31	<10	270	1.0	<2	0.84	<0.5	12	51	17	2.64
SH162682		0.64	0.009	1.3	1.75	250	<10	360	0.5	<2	0.28	0.7	15	36	37	4.19
SH162683		0.78	<0.005	1.0	1.80	662	<10	1740	0.5	<2	0.31	1.1	13	39	59	4.68
SH162684		0.48	<0.005	0.5	1.77	200	<10	570	0.5	<2	0.48	0.6	10	33	26	3.09
SH162685		0.36	<0.005	0.4	1.18	100	<10	530	<0.5	<2	0.20	1.0	5	18	27	2.28
SH162686		0.22	<0.005	0.2	0.72	5	<10	910	0.7	<2	3.53	<0.5	3	10	26	0.91
SH162687		0.20	<0.005	<0.2	0.51	11	<10	840	<0.5	<2	2.93	<0.5	6	7	10	4.76
SH162688		0.74	<0.005	0.3	1.23	5	<10	610	1.1	<2	1.19	<0.5	6	14	12	2.15
SH162689		0.66	<0.005	<0.2	1.64	9	<10	600	0.8	<2	0.54	<0.5	9	26	15	2.65
SH162690		0.66	<0.005	<0.2	1.17	7	<10	370	0.5	<2	0.23	<0.5	4	15	8	2.26
SH162691		0.66	<0.005	<0.2	0.97	<2	<10	260	<0.5	<2	0.25	<0.5	5	15	6	2.00
SH162692		0.64	<0.005	0.5	1.39	8	<10	220	<0.5	<2	0.10	<0.5	3	14	7	2.12
SH162693		0.36	<0.005	2.6	2.78	8	<10	700	4.0	<2	0.62	0.8	7	23	54	3.78
SH162694		0.76	<0.005	<0.2	0.91	6	<10	180	<0.5	<2	0.22	<0.5	4	16	6	1.94
SH162695		0.54	<0.005	<0.2	1.42	6	<10	210	0.8	<2	0.85	<0.5	9	19	9	2.71
SH162696		0.64	<0.005	<0.2	1.09	5	<10	120	<0.5	<2	0.34	<0.5	5	20	5	2.17
SH162697		0.60	<0.005	<0.2	1.37	6	<10	200	<0.5	<2	0.14	<0.5	7	18	9	2.60
SH162698		0.68	<0.005	0.2	3.56	5	<10	260	0.7	<2	0.26	<0.5	13	24	12	4.89
SH162699		0.52	<0.005	0.2	3.36	11	<10	190	0.8	<2	0.13	<0.5	14	37	22	3.84
SH162700		0.60	<0.005	0.4	0.94	8	<10	110	<0.5	<2	0.08	<0.5	2	7	5	1.45
H163154		0.56	<0.005	<0.2	1.17	4	<10	250	0.5	<2	0.27	<0.5	5	16	7	2.68
H163155		0.48	<0.005	<0.2	1.78	8	<10	420	0.5	<2	0.33	<0.5	10	24	10	3.18
H163156		0.76	<0.005	0.2	2.39	11	<10	240	0.6	<2	0.32	<0.5	9	32	14	3.40
H163157		0.58	<0.005	<0.2	3.04	10	<10	270	0.6	<2	0.43	<0.5	13	28	11	4.42
H163158		0.68	<0.005	0.2	2.37	12	<10	250	0.8	<2	0.68	<0.5	11	34	29	3.42



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Page: 2 - B

Total # Pages: 7 (A - C)

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Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA08121711

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
SH162666		10	<1	0.06	10	0.51	316	1	0.02	21	640	9	0.03	2	3
SH162667		10	<1	0.19	10	0.91	1265	1	0.02	38	560	10	0.01	<2	6
SH162668		10	<1	0.10	20	0.83	432	1	0.02	27	310	11	<0.01	<2	5
SH162669		10	<1	0.07	20	0.79	452	1	0.02	35	520	21	<0.01	3	6
SH162670		10	<1	0.07	10	0.60	428	1	0.01	17	270	9	<0.01	<2	4
SH162671		10	<1	0.35	10	0.67	239	1	0.01	4	160	4	<0.01	2	3
SH162672		10	<1	0.20	20	0.73	430	1	0.01	45	470	35	<0.01	<2	4
SH162673		10	<1	0.17	20	1.11	1190	1	0.01	13	520	14	0.04	2	5
SH162674		10	<1	0.08	20	0.30	351	2	0.01	13	180	15	<0.01	<2	2
SH162675		<10	<1	0.09	20	0.24	275	1	0.01	9	180	13	0.02	2	1
SH162676		10	<1	0.05	10	0.31	764	1	0.01	12	170	8	<0.01	<2	2
SH162677		10	<1	0.07	10	0.24	181	1	0.01	9	240	16	<0.01	<2	2
SH162678		<10	<1	0.09	70	0.26	143	2	0.01	9	200	16	<0.01	<2	2
SH162679		<10	<1	0.08	20	0.26	409	1	0.01	13	150	13	<0.01	<2	2
SH162680		10	<1	0.27	30	0.63	928	1	0.02	22	270	10	0.01	2	4
SH162681		10	<1	0.08	40	0.82	490	<1	0.01	19	700	10	0.05	<2	4
SH162682		<10	<1	0.07	10	0.62	828	3	0.01	37	960	32	0.03	3	4
SH162683		10	1	0.10	10	0.45	466	6	0.02	44	1710	15	0.11	6	4
SH162684		<10	<1	0.11	10	0.54	622	1	0.02	28	340	14	0.02	<2	5
SH162685		<10	<1	0.06	<10	0.26	123	2	0.01	24	390	13	0.02	<2	2
SH162686		<10	<1	0.09	20	0.18	173	<1	0.02	9	680	11	0.21	<2	2
SH162687		<10	<1	0.03	10	0.28	547	5	0.03	9	1010	6	0.49	<2	1
SH162688		<10	<1	0.13	30	0.27	634	2	0.01	10	360	19	0.05	<2	6
SH162689		<10	<1	0.13	30	0.42	514	1	0.02	18	220	14	0.02	<2	6
SH162690		<10	<1	0.12	20	0.21	258	2	0.01	9	250	26	0.01	<2	2
SH162691		<10	<1	0.12	10	0.23	533	<1	0.01	7	160	11	0.01	<2	3
SH162692		<10	<1	0.06	30	0.17	217	1	0.01	9	200	12	0.01	<2	2
SH162693		10	<1	0.22	240	0.30	2330	4	0.01	22	480	20	0.02	<2	41
SH162694		10	<1	0.08	10	0.25	744	1	0.01	8	190	11	0.01	2	2
SH162695		<10	1	0.14	30	0.51	422	<1	0.02	11	590	19	0.04	<2	9
SH162696		10	<1	0.08	10	0.38	293	<1	0.01	10	160	11	0.01	<2	3
SH162697		10	<1	0.12	10	0.32	1050	1	0.01	9	360	13	0.01	<2	2
SH162698		10	<1	0.17	10	1.16	847	1	0.02	18	480	12	0.02	<2	7
SH162699		10	<1	0.07	10	0.69	422	<1	0.01	25	500	11	0.02	<2	5
SH162700		10	<1	0.06	10	0.09	274	1	0.01	3	220	9	0.01	<2	2
H163154		10	<1	0.10	10	0.30	544	1	0.01	8	370	12	0.01	<2	4
H163155		10	<1	0.12	10	0.48	1545	<1	0.01	14	450	12	0.01	<2	3
H163156		10	<1	0.06	20	0.51	508	<1	0.01	18	390	13	0.01	<2	5
H163157		10	1	0.26	10	1.09	786	<1	0.01	18	550	12	0.02	<2	8
H163158		10	1	0.06	20	0.61	507	<1	0.02	22	520	14	0.01	<2	8



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CERTIFICATE OF ANALYSIS VA08121711

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
SH162666		<10	<20	0.07	<10	<10	77	<10	76
SH162667		<10	<20	0.12	<10	<10	102	<10	110
SH162668		<10	<20	0.11	<10	<10	87	<10	82
SH162669		<10	<20	0.05	<10	<10	72	<10	107
SH162670		<10	<20	0.10	<10	<10	78	<10	57
SH162671		<10	<20	0.10	<10	<10	46	<10	24
SH162672		<10	<20	0.04	<10	<10	62	<10	218
SH162673		<10	<20	0.05	<10	<10	67	<10	79
SH162674		<10	<20	0.03	<10	<10	48	<10	39
SH162675		<10	<20	0.03	<10	<10	41	<10	57
SH162676		<10	<20	0.04	<10	<10	49	<10	66
SH162677		<10	<20	0.07	<10	<10	60	<10	31
SH162678		<10	<20	0.02	<10	<10	29	<10	42
SH162679		<10	<20	0.03	<10	<10	39	<10	36
SH162680		<10	<20	0.06	<10	<10	56	<10	44
SH162681		<10	<20	0.03	<10	<10	40	<10	39
SH162682		<10	<20	0.02	<10	<10	66	<10	140
SH162683		<10	<20	0.04	<10	<10	84	<10	143
SH162684		<10	<20	0.06	<10	<10	60	<10	70
SH162685		<10	<20	0.02	<10	<10	52	<10	78
SH162686		<10	<20	0.01	<10	10	13	<10	25
SH162687		<10	<20	0.02	<10	60	15	<10	20
SH162688		<10	<20	0.01	<10	<10	28	<10	43
SH162689		<10	<20	0.05	<10	<10	46	<10	45
SH162690		<10	<20	0.02	<10	<10	35	<10	47
SH162691		<10	<20	0.05	<10	<10	35	<10	38
SH162692		<10	<20	0.01	<10	<10	37	<10	50
SH162693		<10	60	<0.01	10	<10	41	<10	80
SH162694		<10	<20	0.06	<10	<10	51	<10	41
SH162695		<10	20	0.06	<10	<10	51	<10	80
SH162696		<10	<20	0.07	<10	<10	52	<10	39
SH162697		<10	<20	0.05	<10	<10	51	<10	34
SH162698		<10	<20	0.24	<10	<10	105	<10	151
SH162699		<10	<20	0.09	<10	<10	75	<10	69
SH162700		<10	<20	0.03	<10	<10	35	<10	26
H163154		<10	<20	0.06	<10	<10	56	<10	54
H163155		<10	<20	0.04	10	<10	60	<10	76
H163156		<10	<20	0.08	<10	<10	75	<10	57
H163157		<10	<20	0.19	<10	<10	96	<10	103
H163158		<10	<20	0.12	<10	<10	67	<10	63



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CERTIFICATE OF ANALYSIS VA08121711

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
H163159		0.72	<0.005	0.3	2.35	11	<10	200	0.7	<2	0.66	<0.5	8	31	22	3.19
H163160		0.56	<0.005	<0.2	2.54	6	<10	170	0.6	<2	0.60	<0.5	10	30	17	3.41
H163161		0.64	<0.005	<0.2	2.45	10	<10	170	0.5	<2	0.72	<0.5	13	34	13	3.58
H163162		0.48	<0.005	<0.2	3.00	8	<10	150	0.5	<2	0.29	<0.5	15	91	14	3.99
H163163		0.36	<0.005	0.3	2.64	14	<10	180	0.5	<2	0.17	<0.5	14	76	18	3.76
H163164		0.50	<0.005	<0.2	2.51	24	<10	380	0.8	<2	0.51	<0.5	14	57	19	3.95
H163165		0.60	<0.005	0.3	2.05	18	<10	310	0.8	<2	0.36	<0.5	12	62	22	3.61
H163166		0.60	<0.005	<0.2	2.68	4	<10	250	0.8	<2	0.65	<0.5	20	59	41	5.19
H163167		0.50	<0.005	0.2	1.89	13	<10	230	0.6	<2	1.28	<0.5	14	41	35	3.33
H163168		0.44	<0.005	0.2	1.45	13	<10	160	<0.5	<2	1.67	<0.5	12	32	26	2.71
H163169		0.48	<0.005	0.2	1.78	57	<10	170	1.0	<2	1.89	0.5	13	52	49	3.65
H163170		0.42	<0.005	0.3	1.71	18	<10	160	0.5	<2	1.71	<0.5	12	47	28	3.24
H163171		0.58	<0.005	0.2	2.09	30	<10	190	0.6	<2	1.11	<0.5	16	58	37	3.82
H163172		0.54	<0.005	<0.2	1.51	25	<10	250	0.7	<2	3.22	0.7	11	37	25	3.12
H163173		0.46	<0.005	0.4	1.88	19	<10	200	0.7	<2	0.38	<0.5	11	44	40	3.89
H163174		0.84	<0.005	0.2	2.16	31	<10	490	0.6	<2	0.41	<0.5	10	37	32	2.91
H163175		5.00	<0.005	0.4	1.66	33	<10	330	0.5	<2	0.44	<0.5	9	31	26	2.91
H163176		0.32	<0.005	0.4	1.30	62	<10	230	<0.5	<2	0.68	0.7	12	30	40	3.10
H163177		0.60	<0.005	0.2	1.41	37	<10	260	<0.5	<2	0.45	<0.5	12	35	29	3.12
H163178		0.46	<0.005	<0.2	1.70	37	<10	220	0.5	<2	0.49	<0.5	12	33	24	3.06
H163179		0.30	<0.005	0.5	1.75	54	<10	580	0.8	<2	0.41	0.5	16	32	36	3.74
H163180		0.44	<0.005	0.3	2.04	34	<10	620	0.7	<2	0.32	<0.5	12	35	35	3.13
H163229		0.30	0.005	0.4	2.66	63	<10	540	1.0	<2	0.68	<0.5	20	46	34	4.19
H163230		0.26	<0.005	0.2	2.74	12	<10	560	1.0	<2	0.42	<0.5	15	50	13	4.05
H163231		0.62	<0.005	<0.2	2.48	15	<10	280	0.6	<2	0.60	<0.5	19	55	18	4.79
H163232		0.38	<0.005	0.3	0.66	5	<10	100	<0.5	<2	0.56	<0.5	2	36	7	1.03
H163233		0.52	0.017	3.3	1.85	189	<10	220	0.5	<2	0.45	2.2	15	51	13	3.38
H163234		0.50	<0.005	0.6	1.73	249	<10	350	0.9	<2	0.37	1.3	10	27	17	3.16
H163235		0.50	<0.005	0.8	1.95	320	<10	620	1.3	<2	0.39	2.0	12	29	19	3.70
H163236		0.50	0.007	2.2	1.37	555	<10	580	1.2	<2	0.78	1.6	10	22	21	3.17
H163237		0.46	<0.005	0.5	1.72	105	<10	380	0.9	<2	0.27	0.6	7	20	10	2.76
H163238		0.46	<0.005	0.7	1.50	85	<10	570	1.1	<2	0.78	0.8	9	23	20	2.85
H163239		0.56	0.011	0.6	1.64	183	<10	310	0.8	<2	0.69	1.4	10	29	25	2.99
H163240		0.58	<0.005	0.8	1.37	70	<10	400	<0.5	3	0.52	1.8	8	20	24	2.85
H163241		0.48	0.018	1.7	1.50	108	<10	410	0.6	2	0.77	3.7	8	26	56	2.31
H163242		0.66	0.032	1.1	0.60	549	<10	150	0.5	2	0.17	1.0	8	15	46	2.51
H163243		0.52	0.005	0.8	1.15	139	<10	500	0.7	<2	0.62	1.5	18	25	45	4.98
H163244		0.58	0.020	0.5	1.48	86	<10	190	<0.5	<2	0.32	<0.5	10	32	20	3.16
H163245		0.56	<0.005	0.4	0.85	74	<10	130	<0.5	<2	0.20	<0.5	10	24	36	2.65
H163246		0.74	<0.005	0.6	0.84	274	<10	130	<0.5	<2	0.23	<0.5	13	26	28	3.09



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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
H163159		10	<1	0.05	20	0.60	374	<1	0.02	16	580	15	0.02	<2	7
H163160		10	<1	0.06	20	0.71	444	<1	0.01	15	550	14	0.02	<2	7
H163161		10	<1	0.11	20	0.79	884	1	0.02	17	720	16	0.03	<2	7
H163162		10	<1	0.40	10	2.04	424	<1	0.01	34	430	17	0.01	<2	2
H163163		10	<1	0.11	10	0.90	312	<1	0.01	27	540	11	0.01	<2	3
H163164		10	<1	0.25	20	1.17	668	1	0.02	31	410	18	0.01	<2	5
H163165		10	<1	0.21	20	0.84	320	1	0.01	34	170	18	0.01	<2	5
H163166		10	<1	0.74	50	1.46	472	<1	0.02	54	530	9	0.02	<2	6
H163167		<10	<1	0.22	30	0.82	454	<1	0.02	36	480	13	0.04	<2	5
H163168		10	<1	0.20	20	0.62	382	1	0.02	27	470	10	0.06	<2	3
H163169		10	<1	0.18	30	1.12	390	<1	0.01	49	870	21	0.06	17	5
H163170		10	<1	0.27	20	0.94	502	<1	0.02	37	720	14	0.05	<2	4
H163171		10	<1	0.38	30	0.98	478	<1	0.02	45	630	12	0.04	2	5
H163172		<10	<1	0.10	20	1.96	706	1	0.02	33	1190	15	0.05	2	4
H163173		10	<1	0.15	50	0.68	155	<1	0.02	42	590	15	0.04	2	6
H163174		10	<1	0.07	30	0.60	252	1	0.02	23	230	11	0.01	2	6
H163175		10	<1	0.09	20	0.50	269	1	0.02	23	320	16	0.02	3	4
H163176		<10	<1	0.13	20	0.44	382	1	0.02	31	590	13	0.05	4	4
H163177		<10	<1	0.11	20	0.59	396	1	0.02	26	760	14	0.02	5	4
H163178		<10	<1	0.11	10	0.57	705	1	0.02	24	350	25	0.02	4	5
H163179		<10	<1	0.27	20	0.44	1360	2	0.02	32	400	24	0.02	5	5
H163180		10	<1	0.18	10	0.49	933	1	0.03	29	220	14	0.02	<2	5
H163229		10	<1	0.62	30	1.17	1265	<1	0.04	30	380	18	0.03	2	7
H163230		10	1	0.11	20	0.82	511	<1	0.03	24	200	11	0.01	<2	5
H163231		10	<1	0.53	10	1.90	536	1	0.02	20	470	8	0.03	6	4
H163232		<10	<1	0.10	10	0.25	83	1	0.02	9	600	4	0.07	<2	2
H163233		10	<1	0.29	20	1.08	841	1	0.02	20	880	86	0.05	6	4
H163234		<10	<1	0.13	10	0.34	466	1	0.02	16	160	55	0.02	4	4
H163235		<10	1	0.13	20	0.32	611	1	0.02	19	220	90	0.03	7	5
H163236		<10	1	0.23	20	0.31	1065	<1	0.02	16	400	73	0.05	13	5
H163237		<10	<1	0.10	10	0.23	397	<1	0.02	11	210	36	0.02	6	3
H163238		<10	<1	0.25	20	0.31	678	<1	0.02	16	320	28	0.03	4	6
H163239		<10	<1	0.16	20	0.44	557	<1	0.03	19	360	24	0.03	4	5
H163240		<10	<1	0.14	10	0.25	391	1	0.02	10	310	23	0.02	3	2
H163241		<10	<1	0.08	20	0.37	319	<1	0.02	18	880	130	0.04	2	4
H163242		<10	<1	0.07	10	0.10	275	2	0.01	22	720	42	0.01	9	2
H163243		<10	<1	0.09	20	0.21	1430	2	0.02	43	950	25	0.05	6	6
H163244		10	<1	0.13	20	0.51	380	1	0.01	25	700	16	0.03	<2	3
H163245		<10	<1	0.09	30	0.34	277	2	0.01	30	700	21	0.05	3	2
H163246		<10	<1	0.07	10	0.24	686	3	0.01	24	840	38	0.04	8	2



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CERTIFICATE OF ANALYSIS VA08121711

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
H163159		<10	<20	0.11	10	<10	67	<10
H163160		<10	<20	0.13	10	<10	71	<10
H163161		<10	<20	0.11	<10	<10	74	<10
H163162		<10	<20	0.23	<10	<10	69	<10
H163163		<10	<20	0.11	<10	<10	66	<10
H163164		<10	<20	0.10	<10	<10	64	<10
H163165		<10	<20	0.11	10	<10	76	<10
H163166		<10	20	0.18	<10	<10	64	<10
H163167		<10	<20	0.10	<10	<10	50	<10
H163168		<10	<20	0.08	<10	<10	41	<10
H163169		<10	<20	0.06	<10	<10	54	<10
H163170		<10	<20	0.08	<10	<10	48	<10
H163171		<10	<20	0.12	<10	<10	56	<10
H163172		<10	<20	0.07	<10	<10	49	<10
H163173		<10	<20	0.06	<10	<10	63	<10
H163174		<10	<20	0.06	<10	<10	59	<10
H163175		<10	<20	0.04	<10	<10	54	<10
H163176		<10	<20	0.03	<10	<10	48	<10
H163177		<10	<20	0.06	<10	<10	52	<10
H163178		<10	<20	0.08	<10	<10	58	<10
H163179		<10	<20	0.05	<10	<10	56	<10
H163180		<10	<20	0.07	<10	<10	59	<10
H163229		<10	<20	0.16	<10	<10	84	<10
H163230		<10	<20	0.12	<10	<10	94	<10
H163231		<10	<20	0.16	<10	<10	93	<10
H163232		<10	<20	0.05	<10	<10	19	<10
H163233		<10	<20	0.12	<10	<10	66	<10
H163234		<10	<20	0.03	<10	<10	54	<10
H163235		<10	<20	0.01	<10	<10	52	<10
H163236		<10	<20	0.03	<10	<10	40	<10
H163237		<10	<20	0.01	<10	<10	45	<10
H163238		<10	<20	0.02	<10	<10	39	<10
H163239		<10	<20	0.05	<10	<10	50	<10
H163240		<10	<20	0.02	<10	<10	51	<10
H163241		<10	<20	0.04	<10	<10	42	<10
H163242		<10	<20	0.01	<10	<10	27	<10
H163243		<10	<20	0.01	<10	<10	67	<10
H163244		<10	<20	0.04	<10	<10	61	<10
H163245		<10	<20	0.02	<10	<10	43	<10
H163246		<10	<20	0.02	<10	<10	73	<10



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CERTIFICATE OF ANALYSIS VA08121711

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
H163247		0.36	0.032	0.8	0.81	58	<10	140	<0.5	<2	0.23	<0.5	3	20	19	1.45
H163248		0.64	0.018	1.4	1.53	418	<10	200	<0.5	<2	0.27	0.7	13	37	31	3.88
H163249		0.48	0.006	0.3	1.63	54	<10	190	<0.5	<2	0.58	<0.5	7	42	27	3.11
SH163251		0.62	<0.005	0.2	2.31	5	<10	130	<0.5	<2	0.27	<0.5	10	17	7	3.93
SH163252		0.72	<0.005	<0.2	2.48	3	<10	170	0.5	<2	0.32	<0.5	11	14	6	4.09
SH163253		0.50	0.012	0.2	2.26	2	<10	300	0.7	<2	1.21	<0.5	14	22	13	3.37
SH163254		0.74	0.050	<0.2	2.29	6	<10	180	0.6	<2	0.40	<0.5	12	25	7	3.89
SH163255		0.58	<0.005	<0.2	1.91	8	<10	190	0.5	<2	0.26	<0.5	9	28	12	2.99
SH163256		0.48	<0.005	<0.2	3.01	52	<10	130	0.7	<2	0.45	<0.5	20	122	20	4.04
SH163257		0.58	<0.005	<0.2	2.42	10	<10	160	<0.5	<2	0.32	<0.5	18	357	12	2.76
SH163258		0.54	<0.005	<0.2	1.58	15	<10	180	<0.5	<2	0.22	<0.5	19	162	10	2.77
SH163259		0.52	<0.005	<0.2	1.62	9	<10	180	<0.5	<2	0.31	<0.5	25	256	11	2.75
SH163260		0.54	<0.005	<0.2	1.64	6	<10	230	<0.5	<2	0.20	<0.5	19	160	16	2.59
SH163261		0.58	<0.005	<0.2	1.62	7	<10	170	<0.5	<2	0.49	<0.5	42	524	25	2.97
SH163262		0.70	0.041	<0.2	1.51	22	<10	180	<0.5	<2	0.55	<0.5	39	541	18	2.79
SH163263		0.52	0.016	0.3	2.09	76	<10	190	0.5	<2	0.74	<0.5	26	206	20	3.48
SH163264		0.54	0.006	0.2	1.60	97	<10	140	<0.5	<2	0.44	<0.5	13	103	11	2.97
SH163265		0.50	0.008	0.4	1.76	103	<10	230	0.5	<2	1.49	<0.5	17	92	23	3.15
SH163266		0.52	0.021	0.7	1.18	393	<10	270	0.6	<2	1.82	0.5	14	66	27	3.17
SH163267		0.62	0.128	0.9	1.66	293	<10	310	0.8	<2	1.88	0.9	16	79	28	3.40
SH163268		0.58	0.009	<0.2	1.69	48	<10	180	0.6	<2	2.44	<0.5	18	192	31	3.02
SH163269		0.40	<0.005	0.2	1.09	13	<10	190	<0.5	<2	2.42	<0.5	11	41	16	2.00
SH163270		0.42	0.005	<0.2	1.03	10	<10	110	<0.5	<2	0.31	<0.5	4	34	8	1.36
SH163271		0.58	<0.005	0.3	1.77	17	<10	160	0.6	<2	0.41	0.5	10	70	51	2.67
SH163272		0.54	<0.005	<0.2	1.48	10	<10	140	<0.5	<2	0.19	<0.5	8	34	11	2.63
SH163273		0.64	<0.005	0.5	1.28	19	<10	100	<0.5	<2	0.27	<0.5	12	36	30	2.67
SH163274		0.64	<0.005	<0.2	1.43	5	<10	260	<0.5	<2	0.61	<0.5	7	28	22	2.14
SH163275		0.78	<0.005	<0.2	1.81	6	<10	250	<0.5	<2	0.59	<0.5	9	33	18	2.99
SH163276		0.74	<0.005	<0.2	1.09	3	<10	130	<0.5	<2	0.72	<0.5	8	26	13	2.15
SH163277		0.56	<0.005	<0.2	0.97	4	<10	230	<0.5	<2	0.85	<0.5	5	23	15	1.86
SH163278		0.92	<0.005	<0.2	0.83	2	<10	140	<0.5	<2	0.61	<0.5	7	23	12	1.98
SH163279		0.56	<0.005	0.3	1.35	4	<10	390	<0.5	<2	1.12	<0.5	6	25	21	2.03
SH163280		0.52	0.005	<0.2	1.10	4	<10	230	<0.5	<2	0.19	<0.5	5	21	13	1.96
SH163281		0.66	<0.005	<0.2	1.74	10	<10	170	<0.5	<2	0.21	<0.5	9	32	11	2.79
SH163282		0.56	<0.005	<0.2	0.93	3	<10	120	<0.5	<2	0.46	<0.5	6	20	13	1.92
SH163283		0.48	<0.005	<0.2	1.19	5	<10	190	<0.5	<2	0.23	<0.5	6	24	7	2.16
SH163284		0.58	<0.005	<0.2	1.43	8	<10	200	<0.5	<2	0.32	<0.5	7	24	13	2.43
SH163285		0.64	<0.005	0.2	1.46	4	<10	400	<0.5	<2	0.81	<0.5	9	26	27	2.29
SH163286		0.54	<0.005	<0.2	1.51	6	<10	180	<0.5	<2	0.31	<0.5	8	24	27	2.51
SH163287		0.70	<0.005	0.3	1.33	7	<10	290	<0.5	<2	0.73	<0.5	9	27	39	2.32



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CERTIFICATE OF ANALYSIS VA08121711

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
H163247		<10	1	0.05	10	0.23	124	1	0.01	10	660	23	0.05	3	2
H163248		10	<1	0.22	20	0.73	418	2	0.02	33	750	148	0.05	36	4
H163249		10	<1	0.33	30	0.92	203	1	0.02	28	650	19	0.14	3	4
SH163251		10	<1	0.32	10	1.08	688	<1	0.02	7	440	10	0.01	<2	10
SH163252		10	<1	0.18	10	0.90	808	<1	0.02	5	580	10	0.01	2	11
SH163253		10	<1	0.21	70	0.81	1535	<1	0.03	12	980	10	0.08	<2	11
SH163254		10	1	0.14	20	0.78	785	<1	0.02	12	520	11	0.02	2	6
SH163255		10	<1	0.08	20	0.51	280	<1	0.02	14	430	9	0.01	2	5
SH163256		10	<1	0.12	10	1.98	451	<1	0.02	66	240	20	0.01	20	6
SH163257		10	<1	0.07	10	2.29	283	<1	0.02	147	110	7	0.01	<2	4
SH163258		<10	<1	0.04	10	1.20	372	<1	0.02	136	200	8	0.01	2	4
SH163259		<10	<1	0.05	10	1.45	474	<1	0.02	164	330	8	0.02	2	4
SH163260		10	<1	0.05	10	0.86	339	<1	0.02	109	180	9	0.01	<2	4
SH163261		<10	<1	0.05	10	1.84	512	<1	0.02	435	440	6	0.04	<2	5
SH163262		<10	<1	0.05	10	1.86	980	<1	0.02	287	340	8	0.03	2	5
SH163263		10	<1	0.21	20	1.53	648	<1	0.02	93	750	57	0.05	18	6
SH163264		<10	<1	0.13	20	0.89	399	<1	0.02	42	610	16	0.05	9	4
SH163265		10	<1	0.17	20	0.85	691	<1	0.02	53	610	14	0.07	10	5
SH163266		<10	<1	0.13	20	0.53	600	<1	0.02	46	540	25	0.11	23	4
SH163267		<10	<1	0.17	30	0.86	1060	<1	0.02	53	750	49	0.06	89	6
SH163268		<10	<1	0.21	30	1.13	606	<1	0.02	89	680	11	0.07	9	4
SH163269		<10	<1	0.07	20	0.59	693	<1	0.02	27	610	12	0.10	3	2
SH163270		<10	<1	0.06	10	0.29	95	<1	0.02	13	520	10	0.05	<2	2
SH163271		10	<1	0.25	20	0.90	243	<1	0.02	40	500	32	0.04	2	5
SH163272		<10	<1	0.07	10	0.54	172	1	0.01	21	120	11	0.01	<2	3
SH163273		<10	<1	0.08	10	0.51	295	1	0.02	24	900	25	0.03	2	3
SH163274		10	<1	0.05	10	0.48	198	<1	0.02	19	690	4	0.02	<2	3
SH163275		10	<1	0.05	10	0.62	297	<1	0.02	18	760	4	0.02	<2	4
SH163276		<10	<1	0.09	10	0.63	275	<1	0.03	18	1120	2	0.01	<2	4
SH163277		<10	<1	0.07	10	0.36	176	<1	0.02	15	520	3	0.03	<2	3
SH163278		<10	<1	0.07	10	0.52	270	<1	0.03	18	1150	3	0.01	<2	3
SH163279		<10	<1	0.05	10	0.37	181	<1	0.02	15	380	4	0.04	2	3
SH163280		<10	<1	0.05	10	0.30	354	<1	0.02	12	270	2	0.01	<2	3
SH163281		<10	<1	0.08	10	0.49	185	1	0.01	18	240	4	0.01	2	3
SH163282		<10	<1	0.04	10	0.43	214	<1	0.02	14	930	2	0.01	<2	3
SH163283		<10	<1	0.08	10	0.36	185	<1	0.02	11	170	4	0.01	2	2
SH163284		10	1	0.06	10	0.48	182	<1	0.01	15	400	5	0.01	<2	3
SH163285		<10	<1	0.05	10	0.45	671	<1	0.03	21	510	5	0.02	<2	4
SH163286		<10	<1	0.10	10	0.62	259	<1	0.02	14	500	4	0.01	2	3
SH163287		<10	<1	0.09	10	0.58	352	<1	0.03	23	720	5	0.02	<2	4



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CERTIFICATE OF ANALYSIS VA08121711

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
H163247		<10	<20	0.02	<10	<10	29	<10
H163248		<10	<20	0.08	<10	<10	66	<10
H163249		<10	<20	0.08	<10	<10	54	<10
SH163251		<10	<20	0.19	<10	<10	106	<10
SH163252		<10	<20	0.09	<10	<10	88	<10
SH163253		<10	20	0.14	<10	<10	71	<10
SH163254		<10	<20	0.14	<10	<10	84	<10
SH163255		<10	<20	0.08	<10	<10	65	<10
SH163256		<10	<20	0.06	<10	<10	99	<10
SH163257		<10	<20	0.12	<10	<10	65	<10
SH163258		<10	<20	0.09	<10	<10	58	<10
SH163259		<10	<20	0.08	<10	<10	53	<10
SH163260		<10	<20	0.08	<10	<10	59	<10
SH163261		<10	<20	0.07	<10	<10	47	<10
SH163262		<10	<20	0.07	<10	<10	47	<10
SH163263		<10	<20	0.11	<10	<10	56	<10
SH163264		<10	<20	0.09	<10	<10	64	<10
SH163265		<10	<20	0.09	<10	<10	52	<10
SH163266		<10	<20	0.04	<10	<10	41	<10
SH163267		<10	<20	0.06	<10	<10	46	<10
SH163268		<10	<20	0.08	<10	<10	40	<10
SH163269		<10	<20	0.04	<10	<10	31	<10
SH163270		<10	<20	0.05	<10	<10	20	<10
SH163271		<10	<20	0.10	<10	<10	57	<10
SH163272		<10	<20	0.08	<10	<10	61	<10
SH163273		<10	<20	0.07	<10	<10	61	<10
SH163274		<10	<20	0.08	<10	<10	49	<10
SH163275		<10	<20	0.11	<10	<10	67	<10
SH163276		<10	<20	0.11	<10	<10	48	<10
SH163277		<10	<20	0.07	<10	<10	41	<10
SH163278		<10	<20	0.08	<10	<10	41	<10
SH163279		<10	<20	0.07	<10	<10	45	<10
SH163280		<10	<20	0.07	<10	<10	46	<10
SH163281		<10	<20	0.08	<10	<10	59	<10
SH163282		<10	<20	0.08	<10	<10	41	<10
SH163283		<10	<20	0.07	<10	<10	52	<10
SH163284		<10	<20	0.09	<10	<10	59	<10
SH163285		<10	<20	0.07	<10	<10	51	<10
SH163286		<10	<20	0.10	<10	<10	52	<10
SH163287		<10	<20	0.08	<10	<10	49	<10



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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
SH163288		0.66	<0.005	<0.2	1.36	66	<10	250	0.5	<2	0.13	<0.5	12	42	36	3.91
SH163289		0.66	0.007	0.5	2.26	70	<10	330	0.6	<2	0.19	<0.5	14	39	46	3.72
SH163290		0.64	<0.005	0.2	2.24	80	<10	170	<0.5	<2	0.13	0.6	14	41	31	4.10
SH163291		0.64	<0.005	<0.2	1.54	102	<10	140	<0.5	<2	0.16	<0.5	6	25	14	2.98
SH163292		0.52	<0.005	0.3	0.88	70	<10	160	<0.5	<2	0.11	<0.5	6	19	27	2.63
SH163293		0.64	0.006	0.3	1.14	84	<10	120	<0.5	<2	0.17	<0.5	6	26	14	2.85
SH163294		0.70	0.047	1.5	2.09	649	<10	200	0.5	<2	0.16	1.8	10	31	26	3.21
SH163295		0.66	0.032	0.6	0.60	411	<10	170	<0.5	<2	0.07	0.5	7	8	8	1.89
SH163296		0.56	0.133	1.1	2.92	257	<10	420	0.8	<2	0.16	<0.5	11	44	32	3.79
SH163297		0.68	<0.005	<0.2	0.95	35	<10	360	<0.5	<2	0.20	0.5	6	9	3	1.95
SH163298		0.64	<0.005	0.6	1.24	986	<10	480	0.6	<2	0.41	4.6	6	13	16	3.26
SH163299		0.56	<0.005	0.3	1.65	72	<10	530	0.9	<2	0.51	0.9	11	26	11	3.41
SH163300		0.38	0.017	1.1	0.77	98	10	330	0.7	<2	3.50	0.8	7	11	18	1.40
H163301		0.52	<0.005	<0.2	2.28	23	<10	210	0.6	<2	0.42	<0.5	13	61	37	4.26
H163302		0.68	<0.005	0.3	1.76	54	<10	220	0.5	<2	0.21	<0.5	10	39	34	3.40
H163303		0.58	<0.005	0.4	2.54	81	<10	350	0.7	<2	0.33	<0.5	15	63	30	3.99
H163304		0.56	0.005	0.3	1.40	97	<10	530	0.5	<2	0.38	0.5	13	35	42	3.44
H163305		0.52	<0.005	0.2	1.46	83	<10	280	<0.5	<2	0.24	<0.5	12	30	26	3.23
H163306		0.48	<0.005	<0.2	0.71	389	<10	50	<0.5	<2	0.06	<0.5	8	16	20	2.87
H163307		0.48	0.028	1.2	1.07	48	<10	470	<0.5	<2	0.80	0.6	4	16	9	1.36
H163308		0.46	0.071	7.2	1.33	424	<10	330	0.5	<2	0.34	0.9	4	19	24	1.89
H163309		0.50	0.019	1.3	1.56	112	<10	580	0.6	<2	0.81	1.0	8	20	11	2.37
H163310		0.54	<0.005	0.4	0.94	41	<10	110	<0.5	<2	0.10	<0.5	3	15	5	1.66
H163311		0.52	0.005	0.4	1.43	93	<10	360	0.6	<2	0.31	<0.5	8	26	8	2.36
H163312		0.52	<0.005	<0.2	2.28	7	<10	320	<0.5	<2	0.50	<0.5	12	30	25	2.78
H163313		0.44	<0.005	0.2	0.99	4	<10	110	<0.5	<2	0.25	<0.5	4	19	11	1.38
H163314		0.52	<0.005	<0.2	1.80	5	<10	320	<0.5	<2	0.51	<0.5	9	29	29	2.61
H163315		0.52	<0.005	<0.2	2.23	5	<10	280	<0.5	<2	0.75	<0.5	12	41	25	3.09
H163316		0.42	<0.005	<0.2	1.76	7	<10	410	<0.5	<2	0.59	<0.5	10	30	32	2.69
H163317		0.50	<0.005	0.2	1.96	3	<10	230	<0.5	<2	0.28	<0.5	12	20	10	3.65
H163318		0.46	<0.005	<0.2	1.34	9	<10	170	<0.5	<2	0.25	<0.5	7	27	9	2.49
H163319		0.50	<0.005	<0.2	1.35	8	<10	240	<0.5	<2	0.28	<0.5	7	27	13	2.39
H163320		0.44	<0.005	<0.2	1.46	7	<10	260	<0.5	<2	0.19	<0.5	9	31	9	2.50
H163321		0.54	<0.005	<0.2	1.51	6	<10	150	<0.5	<2	0.32	<0.5	8	16	8	2.85
H163322		0.42	<0.005	<0.2	1.69	8	<10	190	<0.5	<2	0.26	<0.5	7	27	9	2.74
H163323		0.58	<0.005	<0.2	1.09	5	<10	180	<0.5	<2	0.69	<0.5	13	21	11	2.12
H163324		0.50	<0.005	<0.2	1.37	4	<10	250	<0.5	<2	0.78	<0.5	7	27	27	2.03
H163325		0.56	0.006	<0.2	1.13	4	<10	220	<0.5	<2	0.88	<0.5	7	22	17	1.76
H163326		0.56	0.006	<0.2	1.55	7	<10	280	<0.5	<2	0.79	<0.5	10	28	21	2.74
H163327		0.46	0.005	<0.2	1.28	5	<10	280	<0.5	<2	1.09	<0.5	7	25	25	2.23



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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
SH163288		10	<1	0.14	30	0.65	241	2	0.01	46	620	14	0.03	3	4
SH163289		10	<1	0.09	10	0.55	346	3	0.01	36	410	21	0.02	3	5
SH163290		10	<1	0.09	10	0.54	900	1	0.02	32	510	21	0.03	4	4
SH163291		10	<1	0.06	10	0.29	243	1	0.01	12	360	21	0.01	3	2
SH163292		<10	<1	0.06	10	0.14	244	2	0.01	24	380	18	0.01	2	2
SH163293		10	<1	0.05	10	0.32	180	2	0.01	20	180	17	<0.01	3	2
SH163294		<10	<1	0.10	10	0.42	321	2	0.01	30	330	233	0.02	7	4
SH163295		<10	<1	0.09	10	0.06	451	2	0.01	6	280	45	0.01	7	1
SH163296		10	<1	0.06	10	0.44	341	2	0.02	28	430	20	0.01	2	6
SH163297		<10	1	0.12	10	0.10	212	1	0.01	6	280	8	<0.01	3	1
SH163298		<10	<1	0.12	10	0.15	301	1	0.01	9	330	300	0.01	11	2
SH163299		<10	<1	0.17	10	0.31	570	1	0.02	15	270	25	0.01	4	5
SH163300		<10	<1	0.09	10	0.52	673	1	0.02	11	830	34	0.15	6	2
H163301		10	1	0.47	40	1.29	235	2	0.02	47	740	13	0.10	<2	5
H163302		10	<1	0.13	20	0.62	246	3	0.02	36	310	18	0.04	4	4
H163303		10	<1	0.13	20	0.83	423	2	0.02	43	360	26	0.02	<2	5
H163304		10	<1	0.11	20	0.54	381	3	0.02	36	400	18	0.01	3	5
H163305		10	<1	0.08	10	0.32	610	2	0.01	25	380	25	0.01	2	4
H163306		<10	<1	0.07	10	0.10	147	2	0.01	22	230	16	0.01	5	2
H163307		<10	<1	0.09	10	0.26	134	<1	0.02	9	430	50	0.05	3	3
H163308		<10	1	0.11	10	0.17	175	1	0.01	9	970	77	0.04	5	3
H163309		<10	<1	0.08	10	0.31	571	1	0.02	14	500	40	0.06	2	3
H163310		10	<1	0.07	10	0.20	164	1	0.01	7	190	11	<0.01	2	2
H163311		<10	<1	0.11	10	0.39	285	1	0.02	14	140	16	<0.01	2	3
H163312		10	<1	0.05	10	0.75	377	1	0.03	16	470	6	<0.01	<2	5
H163313		10	<1	0.05	10	0.38	116	1	0.02	7	260	6	0.01	<2	2
H163314		10	<1	0.10	10	0.77	323	1	0.02	14	410	8	0.01	2	5
H163315		10	<1	0.14	20	0.93	582	1	0.03	21	790	8	0.03	<2	6
H163316		10	<1	0.08	10	0.69	279	1	0.03	20	590	6	0.01	<2	6
H163317		10	<1	0.73	10	1.07	525	1	0.02	11	250	5	<0.01	<2	3
H163318		<10	1	0.14	10	0.49	245	1	0.01	13	230	7	<0.01	<2	3
H163319		<10	1	0.12	20	0.48	244	1	0.02	16	340	6	<0.01	<2	4
H163320		<10	<1	0.07	10	0.41	317	1	0.01	19	220	7	<0.01	<2	3
H163321		10	<1	0.49	10	0.76	466	1	0.01	9	750	3	<0.01	<2	5
H163322		<10	<1	0.09	10	0.48	204	1	0.02	13	330	6	<0.01	<2	3
H163323		10	<1	0.06	10	0.41	972	1	0.02	12	980	4	0.02	<2	3
H163324		10	<1	0.06	20	0.53	207	1	0.03	18	700	7	0.03	<2	5
H163325		<10	1	0.10	10	0.50	302	1	0.03	16	700	4	0.03	<2	4
H163326		10	<1	0.15	10	0.64	404	1	0.03	17	740	6	0.02	3	5
H163327		10	<1	0.17	10	0.59	220	1	0.03	17	740	6	0.04	2	4



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CERTIFICATE OF ANALYSIS VA08121711

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
SH163288		<10	<20	0.06	<10	<10	67	<10
SH163289		<10	<20	0.05	<10	<10	69	<10
SH163290		<10	<20	0.06	<10	<10	80	<10
SH163291		<10	<20	0.04	<10	<10	68	<10
SH163292		<10	<20	0.06	<10	<10	64	<10
SH163293		<10	<20	0.04	<10	<10	57	<10
SH163294		<10	<20	0.03	<10	<10	53	<10
SH163295		<10	<20	0.01	<10	<10	34	<10
SH163296		<10	<20	0.06	<10	<10	74	<10
SH163297		<10	<20	<0.01	<10	<10	22	<10
SH163298		<10	<20	0.01	<10	<10	42	<10
SH163299		<10	<20	0.03	<10	<10	66	<10
SH163300		<10	<20	0.01	<10	<10	21	<10
H163301		<10	<20	0.12	<10	<10	74	<10
H163302		<10	<20	0.05	<10	<10	67	<10
H163303		<10	<20	0.07	<10	<10	78	<10
H163304		<10	<20	0.05	<10	<10	69	<10
H163305		<10	<20	0.02	<10	<10	59	<10
H163306		<10	<20	0.03	<10	<10	62	<10
H163307		<10	<20	0.01	<10	<10	28	<10
H163308		<10	<20	0.01	<10	<10	23	<10
H163309		<10	<20	0.02	<10	<10	44	<10
H163310		<10	<20	0.05	<10	<10	44	<10
H163311		<10	<20	0.04	<10	<10	45	<10
H163312		<10	<20	0.11	<10	<10	81	<10
H163313		<10	<20	0.11	<10	<10	49	<10
H163314		<10	<20	0.13	<10	<10	63	<10
H163315		<10	<20	0.16	<10	<10	63	<10
H163316		<10	<20	0.11	<10	<10	59	<10
H163317		<10	<20	0.28	<10	<10	101	<10
H163318		<10	<20	0.09	<10	<10	57	<10
H163319		<10	<20	0.08	<10	<10	53	<10
H163320		<10	<20	0.09	<10	<10	58	<10
H163321		<10	<20	0.17	<10	<10	68	<10
H163322		<10	<20	0.10	<10	<10	61	<10
H163323		<10	<20	0.09	<10	<10	52	<10
H163324		<10	<20	0.09	<10	<10	51	<10
H163325		<10	<20	0.09	<10	<10	46	<10
H163326		<10	<20	0.12	<10	<10	61	<10
H163327		<10	<20	0.09	<10	<10	48	<10



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CERTIFICATE OF ANALYSIS VA08121711

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
H163328		0.42	<0.005	0.2	1.07	9	<10	290	<0.5	<2	0.97	<0.5	7	23	22	2.00
H163329		0.44	0.005	<0.2	1.26	12	<10	330	<0.5	<2	0.36	<0.5	9	33	14	2.38
H163330		0.44	0.006	0.2	1.24	11	<10	520	0.5	<2	0.78	<0.5	11	27	30	2.42
H163331		0.42	0.005	<0.2	1.05	6	<10	230	<0.5	<2	0.54	<0.5	7	20	19	1.96
H163332		0.40	0.005	<0.2	1.43	8	<10	310	<0.5	<2	0.45	<0.5	9	26	41	2.77
H163333		0.50	0.006	<0.2	1.23	9	<10	250	<0.5	<2	0.40	<0.5	6	27	12	2.30
H163334		0.48	0.040	0.2	1.18	4	<10	370	<0.5	<2	0.46	<0.5	6	16	11	2.03
H163351		0.38	0.010	<0.2	1.72	8	<10	180	<0.5	<2	0.30	<0.5	7	28	14	2.75
H163352		0.42	<0.005	<0.2	1.99	7	<10	170	<0.5	<2	0.12	<0.5	7	20	34	2.97
H163353		0.34	0.005	<0.2	1.93	11	<10	200	<0.5	<2	0.15	<0.5	7	34	13	2.67
H163354		0.40	<0.005	<0.2	2.07	5	<10	170	<0.5	<2	0.52	<0.5	11	22	26	2.88
H163355		0.30	0.007	0.2	2.39	4	<10	170	0.6	<2	0.99	<0.5	15	148	30	3.07
H163356		0.44	0.006	<0.2	2.11	8	<10	180	<0.5	<2	0.43	<0.5	12	42	14	3.22
H163357		0.44	0.005	<0.2	1.94	7	<10	100	0.5	<2	0.29	<0.5	8	31	12	2.62
H163358		0.40	0.005	<0.2	1.94	8	<10	180	<0.5	<2	0.29	<0.5	8	31	11	2.72
H163359		0.42	0.005	<0.2	1.42	6	<10	230	<0.5	<2	0.39	<0.5	7	22	10	2.67
H163360		0.40	<0.005	<0.2	1.58	9	<10	220	<0.5	<2	0.43	<0.5	9	34	16	2.68
H163361		0.48	0.006	0.2	1.69	8	<10	350	0.5	<2	0.58	<0.5	10	31	38	2.77
H163362		0.44	<0.005	<0.2	1.90	13	<10	210	0.6	<2	0.34	<0.5	9	38	18	2.89
H163363		0.40	0.005	<0.2	2.58	6	<10	250	0.7	<2	0.49	<0.5	14	30	27	4.21
H163364		0.40	<0.005	<0.2	2.34	5	<10	210	0.5	<2	0.52	<0.5	14	60	24	3.44
H163365		0.22	0.006	<0.2	2.11	4	<10	170	<0.5	<2	0.54	<0.5	8	24	8	2.08
SH894001		0.46	0.029	1.2	0.93	119	<10	410	0.8	<2	2.22	0.6	7	13	19	1.57
SH894002		0.54	0.017	1.1	0.89	469	<10	450	0.9	<2	0.77	0.7	10	22	17	3.17
SH894003		0.42	0.007	0.2	1.53	15	<10	160	<0.5	<2	0.39	<0.5	11	47	9	2.63
SH894004		0.44	0.015	0.2	1.57	54	<10	320	0.5	<2	0.25	<0.5	10	43	19	2.95
SH894005		0.68	0.031	0.3	1.64	95	<10	280	1.0	<2	0.51	<0.5	18	48	27	5.01
SH894006		0.32	0.006	0.2	1.62	17	<10	260	<0.5	<2	1.20	<0.5	21	56	107	2.71
SH894007		0.32	0.027	2.3	1.52	36	<10	1040	0.9	<2	1.42	<0.5	7	21	69	1.67
SH894008		0.54	0.005	<0.2	1.92	10	<10	260	0.5	<2	0.41	<0.5	13	36	26	3.35
SH894009		0.58	<0.005	0.2	2.36	5	<10	350	0.5	<2	0.59	<0.5	14	32	20	3.77
SH894010		0.42	<0.005	<0.2	1.35	8	<10	280	<0.5	<2	0.38	<0.5	9	29	12	2.48
SH894011		0.52	0.016	<0.2	1.41	12	<10	250	<0.5	<2	0.31	<0.5	10	32	15	2.51
SH894012		0.64	0.005	<0.2	1.49	6	<10	240	<0.5	<2	0.35	<0.5	10	30	18	2.65
SH894013		0.56	<0.005	<0.2	1.42	12	<10	210	<0.5	<2	0.28	<0.5	7	34	13	2.51
SH894014		0.52	<0.005	<0.2	1.46	10	<10	270	<0.5	<2	0.36	<0.5	9	30	16	2.62
SH894015		0.66	<0.005	<0.2	1.87	12	<10	300	<0.5	<2	0.32	<0.5	15	21	48	3.65
SH894016		0.52	0.005	<0.2	1.52	8	<10	410	<0.5	<2	0.40	<0.5	9	33	11	2.47
SH894017		0.68	0.006	<0.2	1.30	8	<10	330	<0.5	<2	0.52	<0.5	8	27	19	2.33
SH894018		0.52	0.007	<0.2	1.33	9	<10	250	<0.5	<2	0.22	<0.5	8	31	9	2.26



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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
Sample Description															
H163328	<10	<1	0.10	10	0.48	219	<1	0.03	17	770	6	0.03	<2	3	46
H163329	<10	<1	0.09	10	0.42	276	<1	0.02	22	570	8	0.01	<2	4	24
H163330	<10	<1	0.05	10	0.43	1135	<1	0.03	30	840	7	0.02	<2	4	47
H163331	<10	<1	0.12	20	0.31	199	<1	0.02	12	360	6	0.02	<2	2	27
H163332	10	<1	0.28	40	0.54	395	1	0.02	14	540	8	0.02	<2	3	25
H163333	<10	<1	0.12	10	0.35	217	<1	0.02	16	260	8	0.01	<2	3	19
H163334	<10	<1	0.10	10	0.25	350	1	0.02	9	260	9	0.01	<2	2	22
H163351	10	<1	0.19	10	0.51	288	<1	0.02	15	610	7	0.01	<2	3	21
H163352	10	<1	0.19	20	0.45	254	<1	0.01	12	330	7	0.01	<2	4	12
H163353	10	<1	0.05	10	0.44	238	<1	0.01	14	240	9	<0.01	<2	3	15
H163354	10	1	0.11	10	0.91	270	<1	0.02	13	680	4	0.01	<2	3	31
H163355	10	<1	0.15	20	1.28	383	<1	0.02	56	990	5	0.02	<2	7	40
H163356	10	<1	0.20	10	1.06	388	<1	0.02	19	690	4	0.01	<2	5	25
H163357	10	1	0.04	10	0.57	224	<1	0.01	17	180	6	<0.01	<2	3	25
H163358	10	<1	0.05	10	0.60	236	<1	0.01	16	270	6	0.01	<2	3	23
H163359	10	<1	0.13	20	0.45	314	<1	0.01	12	440	4	0.01	<2	3	27
H163360	10	<1	0.09	10	0.53	273	<1	0.02	18	370	6	0.01	<2	3	23
H163361	10	<1	0.05	20	0.64	439	<1	0.03	22	590	9	0.01	<2	5	33
H163362	10	<1	0.11	10	0.52	305	<1	0.01	22	320	8	0.01	<2	6	25
H163363	10	<1	0.18	20	1.21	1030	<1	0.02	12	520	21	0.01	<2	10	23
H163364	10	1	0.21	10	1.21	404	<1	0.03	34	670	7	0.01	<2	8	22
H163365	10	<1	0.05	<10	0.49	351	<1	0.04	13	260	6	0.01	<2	3	36
SH894001	<10	<1	0.11	10	0.36	683	<1	0.02	11	660	24	0.11	3	4	148
SH894002	<10	<1	0.10	30	0.30	1300	<1	0.02	14	620	58	0.08	12	6	44
SH894003	10	<1	0.08	10	0.85	372	<1	0.02	18	710	6	0.04	<2	4	21
SH894004	10	<1	0.07	20	0.45	483	<1	0.02	25	540	22	0.03	2	4	17
SH894005	10	1	0.13	20	0.83	887	<1	0.02	24	710	16	0.03	5	11	23
SH894006	<10	<1	0.05	10	0.62	852	<1	0.02	32	1150	6	0.12	<2	5	37
SH894007	<10	<1	0.04	100	0.20	314	<1	0.03	22	1130	9	0.14	2	6	65
SH894008	10	<1	0.45	10	0.81	661	<1	0.02	22	470	7	0.01	<2	7	21
SH894009	10	<1	0.24	10	0.90	956	<1	0.02	14	470	7	0.02	<2	7	24
SH894010	<10	<1	0.24	10	0.44	547	<1	0.02	17	280	7	0.01	<2	4	21
SH894011	<10	<1	0.13	10	0.46	474	<1	0.02	18	420	7	0.01	<2	5	22
SH894012	10	<1	0.29	10	0.61	507	<1	0.02	15	240	6	0.01	<2	4	20
SH894013	<10	<1	0.15	10	0.44	170	<1	0.02	19	290	8	0.01	<2	5	17
SH894014	10	<1	0.23	10	0.59	394	<1	0.02	18	290	8	0.01	<2	5	22
SH894015	10	<1	0.52	20	1.07	562	1	0.01	35	770	5	0.01	<2	9	17
SH894016	10	<1	0.05	10	0.44	351	1	0.02	20	430	7	<0.01	<2	4	25
SH894017	<10	<1	0.07	20	0.54	280	1	0.02	19	830	7	0.01	<2	4	33
SH894018	10	<1	0.04	10	0.37	268	1	0.01	19	340	6	<0.01	<2	3	17



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Project: Sonora

CERTIFICATE OF ANALYSIS VA08121711

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
H163328		<10	<20	0.07	<10	<10	43	<10
H163329		<10	<20	0.07	<10	<10	49	<10
H163330		<10	<20	0.06	<10	<10	46	<10
H163331		<10	<20	0.06	<10	<10	40	<10
H163332		<10	20	0.08	<10	<10	49	<10
H163333		<10	<20	0.04	<10	<10	45	<10
H163334		<10	<20	0.02	<10	<10	37	<10
H163351		<10	<20	0.10	<10	<10	59	<10
H163352		<10	<20	0.13	<10	<10	54	<10
H163353		<10	<20	0.08	<10	<10	64	<10
H163354		<10	<20	0.19	<10	<10	76	<10
H163355		<10	<20	0.16	<10	<10	74	<10
H163356		<10	<20	0.15	<10	<10	75	<10
H163357		<10	<20	0.05	<10	<10	63	<10
H163358		<10	<20	0.09	<10	<10	67	<10
H163359		<10	<20	0.05	<10	<10	55	<10
H163360		<10	<20	0.08	<10	<10	60	<10
H163361		<10	<20	0.07	<10	<10	55	<10
H163362		<10	<20	0.08	<10	<10	61	<10
H163363		<10	<20	0.03	<10	<10	98	<10
H163364		<10	<20	0.13	<10	<10	86	<10
H163365		<10	<20	0.08	<10	<10	59	<10
SH894001		<10	<20	0.01	<10	<10	21	<10
SH894002		<10	<20	0.01	<10	<10	34	<10
SH894003		<10	<20	0.08	<10	<10	60	<10
SH894004		<10	<20	0.06	<10	<10	55	<10
SH894005		<10	<20	0.07	<10	<10	74	<10
SH894006		<10	<20	0.04	<10	<10	56	<10
SH894007		<10	<20	0.02	<10	<10	24	<10
SH894008		<10	<20	0.14	<10	<10	77	<10
SH894009		<10	<20	0.15	<10	<10	95	<10
SH894010		<10	<20	0.09	<10	<10	54	<10
SH894011		<10	<20	0.09	<10	<10	58	<10
SH894012		<10	<20	0.13	<10	<10	61	<10
SH894013		<10	<20	0.09	<10	<10	58	<10
SH894014		<10	<20	0.09	<10	<10	56	<10
SH894015		<10	<20	0.17	<10	<10	84	10
SH894016		<10	<20	0.07	<10	<10	57	<10
SH894017		<10	<20	0.08	<10	<10	50	<10
SH894018		<10	<20	0.06	<10	<10	51	<10



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CERTIFICATE OF ANALYSIS VA08121711

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
SH894019		0.64	<0.005	<0.2	1.83	10	<10	260	<0.5	<2	0.35	<0.5	9	25	7	3.14
SH894020		0.56	0.005	<0.2	1.20	7	<10	220	<0.5	<2	0.51	<0.5	8	26	17	2.27
SH894021		0.70	<0.005	<0.2	3.31	5	<10	270	<0.5	<2	0.51	<0.5	20	29	34	4.22
SH894022		0.76	<0.005	<0.2	2.19	8	<10	230	<0.5	<2	0.53	<0.5	9	35	13	3.37
SH894023		0.68	0.006	<0.2	1.68	7	<10	270	<0.5	<2	0.73	<0.5	10	29	22	2.65
SH894024		0.62	<0.005	<0.2	2.23	4	<10	260	<0.5	<2	0.42	<0.5	12	23	17	3.09
SH894025		0.70	<0.005	<0.2	2.85	5	<10	210	<0.5	<2	0.79	<0.5	14	21	6	3.44
SH894026		0.54	<0.005	<0.2	2.45	10	<10	200	0.5	<2	0.23	<0.5	11	34	11	3.22
SH894027		0.56	<0.005	<0.2	1.98	11	<10	250	<0.5	<2	0.38	<0.5	10	43	12	2.98
SH894028		0.84	0.005	<0.2	1.52	9	<10	240	<0.5	<2	0.60	<0.5	9	34	21	2.62
SH894029		0.82	<0.005	<0.2	1.53	6	<10	210	<0.5	<2	0.69	<0.5	9	36	17	2.43
SH894030		0.62	0.005	<0.2	2.56	5	<10	260	0.7	<2	1.46	<0.5	13	37	24	3.73
SH894031		0.90	0.007	<0.2	2.01	8	<10	240	0.5	<2	0.65	<0.5	10	34	14	3.07
SH894032		0.60	<0.005	<0.2	1.38	4	<10	180	<0.5	<2	0.37	<0.5	7	24	7	2.28
SH894033		0.72	0.005	<0.2	1.40	6	<10	230	<0.5	<2	0.41	<0.5	13	36	14	3.01
SH894034		0.88	0.005	<0.2	1.42	4	<10	250	<0.5	<2	1.38	<0.5	11	32	30	2.61



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CERTIFICATE OF ANALYSIS VA08121711

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
SH894019		10	<1	0.20	10	0.67	322	1	0.01	16	880	6	<0.01	<2	3	21
SH894020		<10	<1	0.07	10	0.48	249	1	0.02	20	780	5	<0.01	<2	4	31
SH894021		10	<1	0.58	10	1.40	452	1	0.03	21	1140	4	<0.01	<2	4	23
SH894022		10	<1	0.17	10	0.72	210	<1	0.02	18	630	5	0.02	<2	4	33
SH894023		<10	1	0.08	20	0.57	294	1	0.02	16	900	5	0.03	<2	5	43
SH894024		10	<1	0.17	10	0.84	355	<1	0.02	22	470	4	<0.01	2	3	34
SH894025		10	1	0.16	10	1.24	382	<1	0.02	18	840	2	<0.01	<2	3	52
SH894026		10	<1	0.09	10	0.67	276	1	0.02	21	280	6	<0.01	<2	3	19
SH894027		10	<1	0.08	10	0.73	290	1	0.02	20	390	8	<0.01	<2	3	29
SH894028		<10	1	0.06	20	0.68	346	1	0.03	22	820	6	0.01	<2	5	37
SH894029		10	<1	0.07	10	0.68	363	1	0.03	21	740	4	0.01	<2	4	37
SH894030		10	<1	0.06	50	1.24	443	1	0.02	23	860	6	0.05	<2	9	53
SH894031		10	<1	0.05	20	0.80	405	1	0.02	19	500	5	<0.01	<2	6	32
SH894032		10	<1	0.12	10	0.55	254	1	0.02	12	250	4	<0.01	<2	3	24
SH894033		<10	<1	0.11	10	0.64	601	1	0.02	22	1150	5	<0.01	<2	4	27
SH894034		10	<1	0.10	20	0.76	502	1	0.03	22	900	4	0.04	<2	5	57



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CERTIFICATE OF ANALYSIS VA08121711

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
SH894019		<10	<20	0.14	<10	<10	75	<10	52
SH894020		<10	<20	0.08	<10	<10	46	<10	49
SH894021		<10	<20	0.29	<10	<10	102	<10	64
SH894022		<10	<20	0.19	<10	<10	82	<10	48
SH894023		<10	<20	0.11	<10	<10	61	<10	47
SH894024		<10	<20	0.21	<10	<10	78	<10	61
SH894025		<10	<20	0.26	<10	<10	78	<10	68
SH894026		<10	<20	0.14	<10	<10	79	<10	57
SH894027		<10	<20	0.13	<10	<10	72	<10	46
SH894028		<10	<20	0.11	<10	<10	58	<10	59
SH894029		<10	<20	0.11	<10	<10	55	<10	51
SH894030		<10	<20	0.15	<10	<10	76	<10	63
SH894031		<10	<20	0.10	<10	<10	63	<10	55
SH894032		<10	<20	0.12	<10	<10	60	<10	42
SH894033		<10	<20	0.13	<10	<10	68	<10	60
SH894034		<10	<20	0.10	<10	<10	58	<10	59



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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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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 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 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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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
		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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Account: NOTIRE

Project: Sonora

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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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



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CERTIFICATE VA08125680

Project: Sonora

P.O. No.:

This report is for 29 Sediment samples submitted to our lab in Vancouver, BC, Canada on 27-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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Page: 2 - A

Total # Pages: 2 (A - C)

Finalized Date: 24-SEP-2008

Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA08125680

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
H163250		0.50	0.014	1.8	1.26	194	<10	390	0.8	<2	1.42	1.2	13	29	21	3.08
H163335		0.52	<0.005	<0.2	1.14	4	<10	130	<0.5	<2	0.47	<0.5	8	19	11	1.79
H163336		0.62	<0.005	<0.2	1.10	5	<10	140	<0.5	<2	0.49	<0.5	8	19	11	1.87
H163337		0.54	<0.005	<0.2	1.07	4	<10	140	<0.5	<2	0.53	<0.5	8	19	11	1.80
H163338		0.48	0.009	<0.2	0.94	4	<10	140	<0.5	<2	0.67	<0.5	7	25	14	1.99
H163339		0.60	0.010	<0.2	1.05	3	<10	140	<0.5	<2	0.62	<0.5	7	21	11	1.73
H163340		0.42	0.005	<0.2	1.05	4	<10	170	<0.5	<2	0.75	<0.5	7	23	15	1.95
H163341		0.56	<0.005	<0.2	1.30	6	<10	210	<0.5	<2	0.71	<0.5	9	25	15	2.20
H163342		0.58	<0.005	<0.2	0.88	3	<10	140	<0.5	<2	0.81	<0.5	7	20	12	1.69
H163343		0.56	<0.005	<0.2	1.00	2	<10	150	<0.5	<2	0.64	<0.5	7	22	10	1.72
H163344		0.46	0.007	<0.2	1.23	4	<10	180	<0.5	<2	0.82	<0.5	8	25	15	2.05
H163345		0.46	<0.005	<0.2	0.65	2	<10	120	<0.5	<2	1.19	<0.5	5	15	7	1.45
H163346		0.72	<0.005	<0.2	0.65	2	<10	80	<0.5	<2	0.49	<0.5	4	14	3	1.18
H163347		0.44	<0.005	<0.2	0.96	2	<10	150	<0.5	<2	0.79	<0.5	7	18	11	1.84
H163348		0.56	<0.005	<0.2	0.79	3	<10	100	<0.5	<2	0.51	<0.5	5	15	7	1.35
H893501		0.54	<0.005	<0.2	0.90	2	<10	110	<0.5	<2	0.55	<0.5	6	22	9	1.48
H893502		0.52	<0.005	<0.2	0.68	2	<10	70	<0.5	<2	0.51	<0.5	4	16	4	1.35
H893503		0.44	0.010	<0.2	1.09	3	<10	140	<0.5	<2	0.71	<0.5	7	19	10	1.97
H893504		0.74	0.006	<0.2	0.70	2	<10	80	<0.5	<2	0.52	<0.5	5	15	4	1.35
H893505		0.62	<0.005	<0.2	0.73	4	<10	80	<0.5	<2	0.52	<0.5	8	16	17	1.31
H893506		0.62	<0.005	<0.2	0.71	2	<10	90	<0.5	<2	0.50	<0.5	7	15	7	1.30
H893507		0.66	<0.005	<0.2	0.72	2	<10	90	<0.5	<2	0.56	<0.5	7	16	7	1.42
H893508		0.66	<0.005	<0.2	0.82	2	<10	100	<0.5	<2	0.57	<0.5	8	17	8	1.45
H893509		0.56	<0.005	<0.2	1.05	5	<10	160	<0.5	<2	0.70	<0.5	10	22	16	2.12
TH164693		0.50	<0.005	<0.2	0.96	3	<10	110	<0.5	<2	0.50	<0.5	8	18	9	1.58
TH164694		0.30	<0.005	<0.2	1.55	7	<10	430	0.5	<2	0.81	<0.5	43	17	10	4.22
TH164695		0.66	0.010	0.2	1.45	111	<10	470	0.7	<2	0.69	0.5	17	44	32	3.17
TH164696		0.44	0.007	0.4	1.89	48	<10	390	1.1	<2	0.92	<0.5	22	55	30	3.67
TH164697		0.40	0.010	0.2	0.93	10	<10	240	0.5	<2	1.39	<0.5	7	34	9	1.22



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Total # Pages: 2 (A - C)

Finalized Date: 24-SEP-2008

Account: NOTIRE

Project: Sonora

CERTIFICATE OF ANALYSIS VA08125680

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
H163250		<10	<1	0.12	20	0.49	1600	<1	0.03	19	980	48	0.10	5	5
H163335		<10	<1	0.04	10	0.39	368	<1	0.03	11	810	3	0.02	<2	3
H163336		<10	<1	0.04	10	0.40	356	<1	0.03	11	850	2	0.01	<2	3
H163337		<10	<1	0.04	10	0.40	331	<1	0.03	12	880	<2	0.01	<2	3
H163338		<10	<1	0.06	10	0.48	305	<1	0.03	19	1170	2	0.01	<2	3
H163339		<10	<1	0.04	10	0.43	296	<1	0.03	13	1000	2	0.02	<2	3
H163340		<10	1	0.05	10	0.46	340	<1	0.03	17	910	3	0.03	<2	3
H163341		<10	<1	0.05	10	0.50	481	<1	0.03	16	800	4	0.03	<2	3
H163342		<10	1	0.05	10	0.43	375	<1	0.03	14	840	2	0.02	<2	3
H163343		<10	1	0.05	10	0.41	317	<1	0.03	13	1000	2	0.02	<2	3
H163344		<10	1	0.05	10	0.50	414	<1	0.03	17	880	2	0.02	<2	3
H163345		<10	1	0.05	10	0.35	293	<1	0.03	11	730	<2	0.04	<2	2
H163346		<10	<1	0.03	10	0.30	174	<1	0.02	8	1090	<2	<0.01	<2	2
H163347		<10	<1	0.08	10	0.46	375	<1	0.03	13	880	2	0.02	<2	3
H163348		<10	<1	0.04	10	0.35	229	<1	0.02	10	930	<2	<0.01	<2	2
H893501		<10	<1	0.04	10	0.38	218	<1	0.03	12	990	<2	0.01	<2	3
H893502		<10	<1	0.04	10	0.32	190	<1	0.02	8	1190	<2	0.01	<2	2
H893503		<10	<1	0.06	10	0.49	367	<1	0.03	12	990	2	0.02	<2	3
H893504		<10	<1	0.04	10	0.32	180	<1	0.02	9	1110	<2	0.01	<2	2
H893505		<10	<1	0.04	10	0.34	186	<1	0.02	17	1060	2	0.02	<2	2
H893506		<10	<1	0.04	10	0.34	211	<1	0.02	10	990	<2	0.01	<2	2
H893507		<10	<1	0.04	10	0.34	197	<1	0.02	9	1120	<2	0.01	<2	2
H893508		<10	<1	0.05	10	0.38	230	<1	0.02	11	1030	<2	0.01	<2	2
H893509		<10	<1	0.10	10	0.55	408	<1	0.02	16	870	2	0.02	<2	3
TH164693		<10	<1	0.04	10	0.36	244	<1	0.02	10	850	<2	0.01	<2	3
TH164694		10	<1	0.15	30	0.56	9860	2	0.03	9	1030	9	0.08	<2	6
TH164695		10	<1	0.18	20	0.81	745	2	0.02	38	950	23	0.11	7	5
TH164696		10	<1	0.12	30	1.17	1145	2	0.02	36	780	13	0.11	2	7
TH164697		<10	<1	0.08	20	0.53	171	<1	0.01	17	560	10	0.10	<2	2



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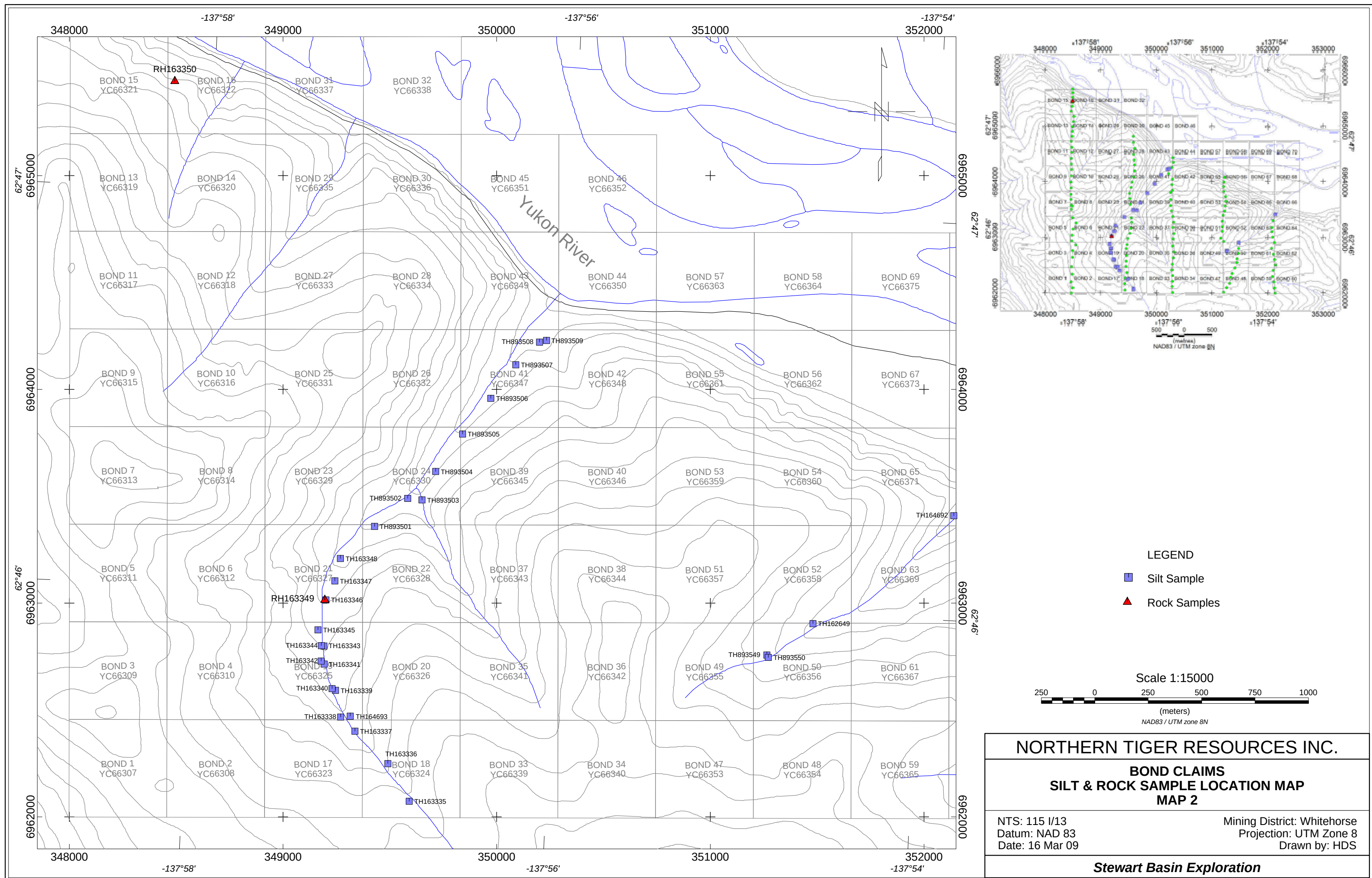
Finalized Date: 24-SEP-2008

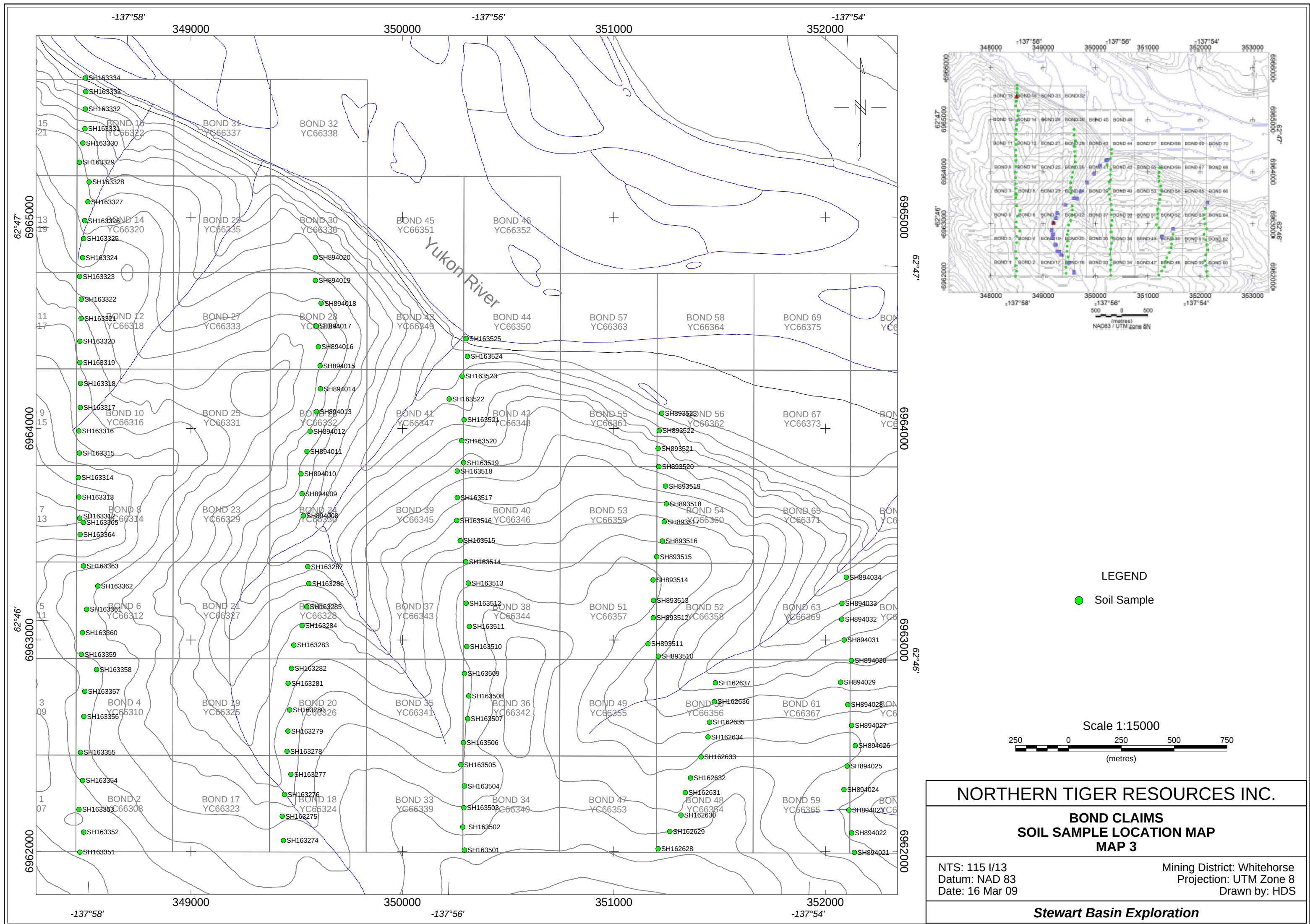
Account: NOTIRE

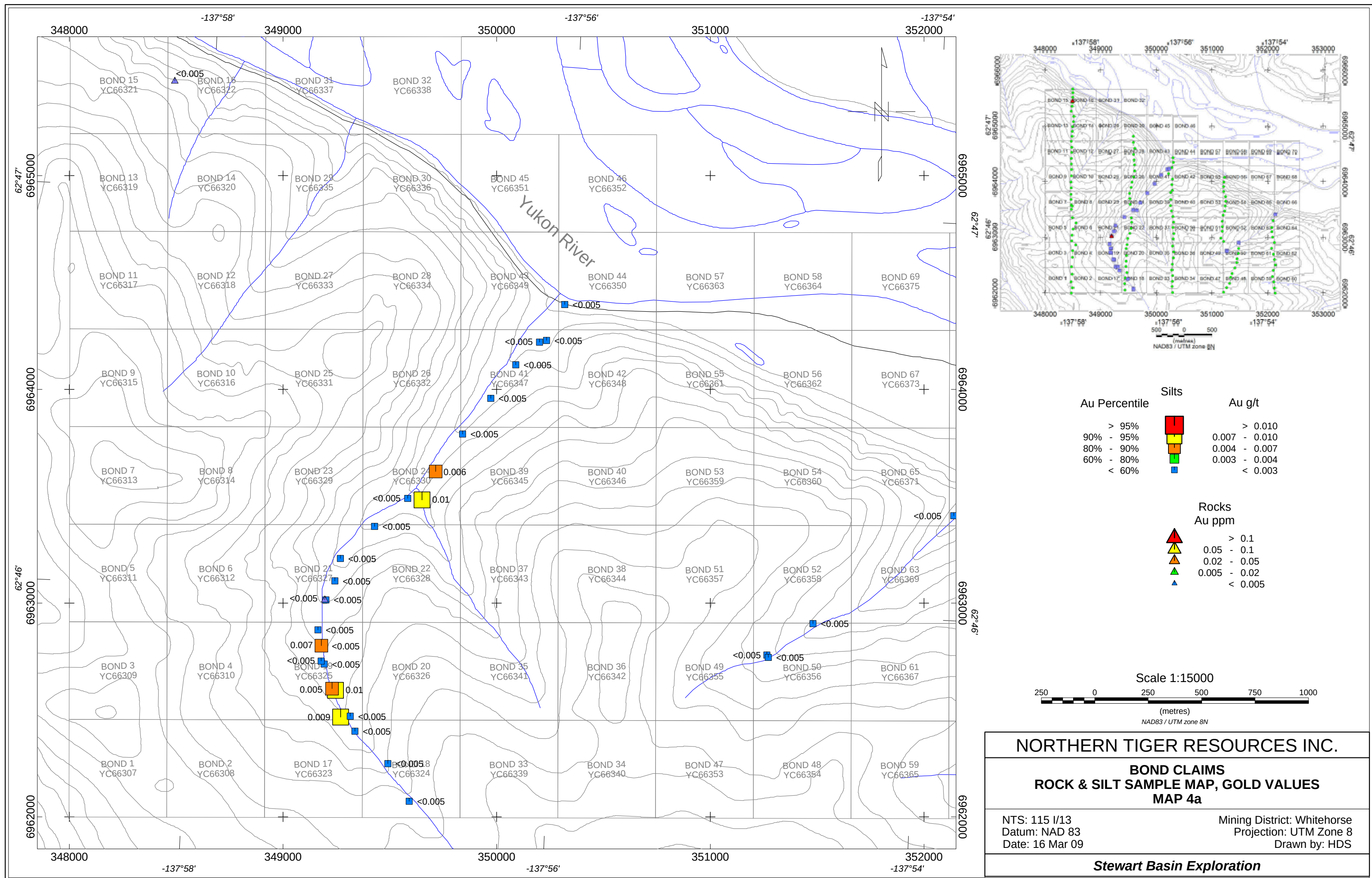
Project: Sonora

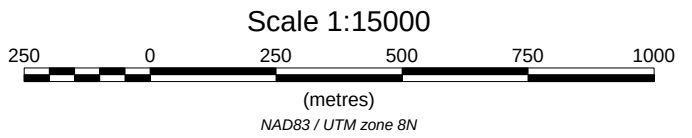
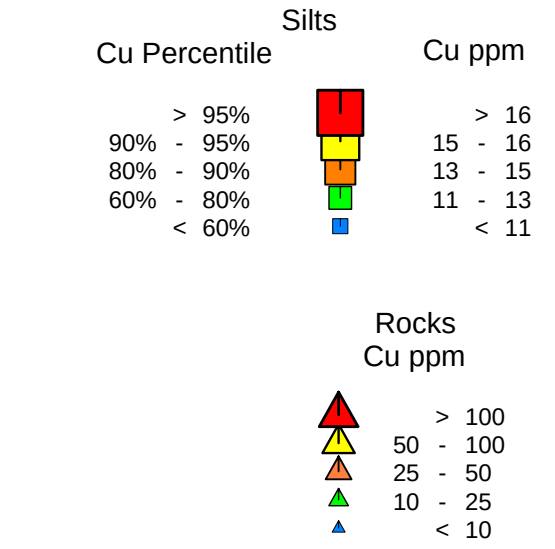
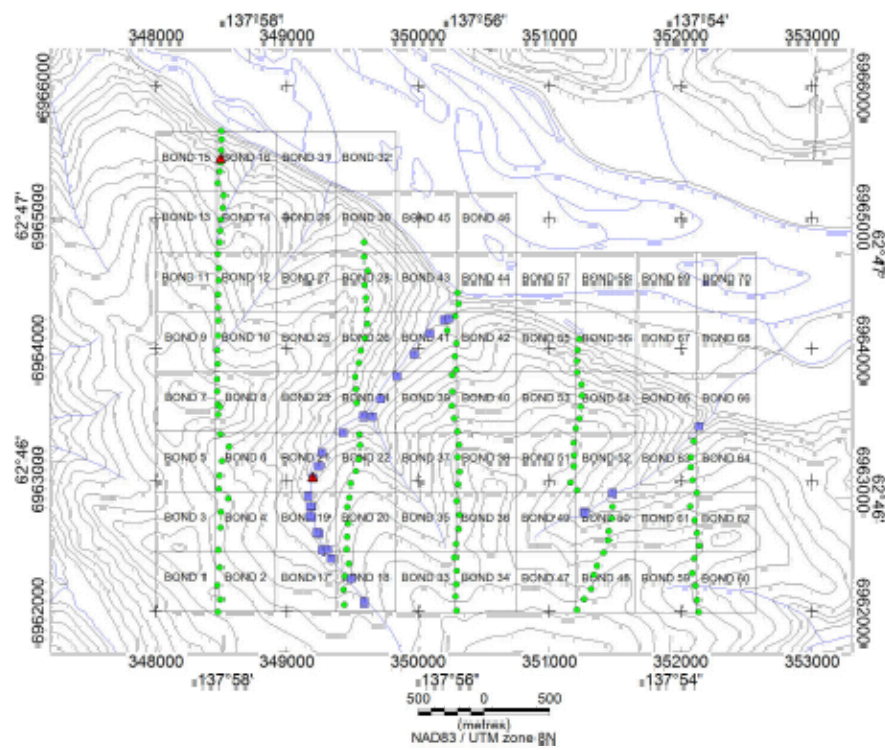
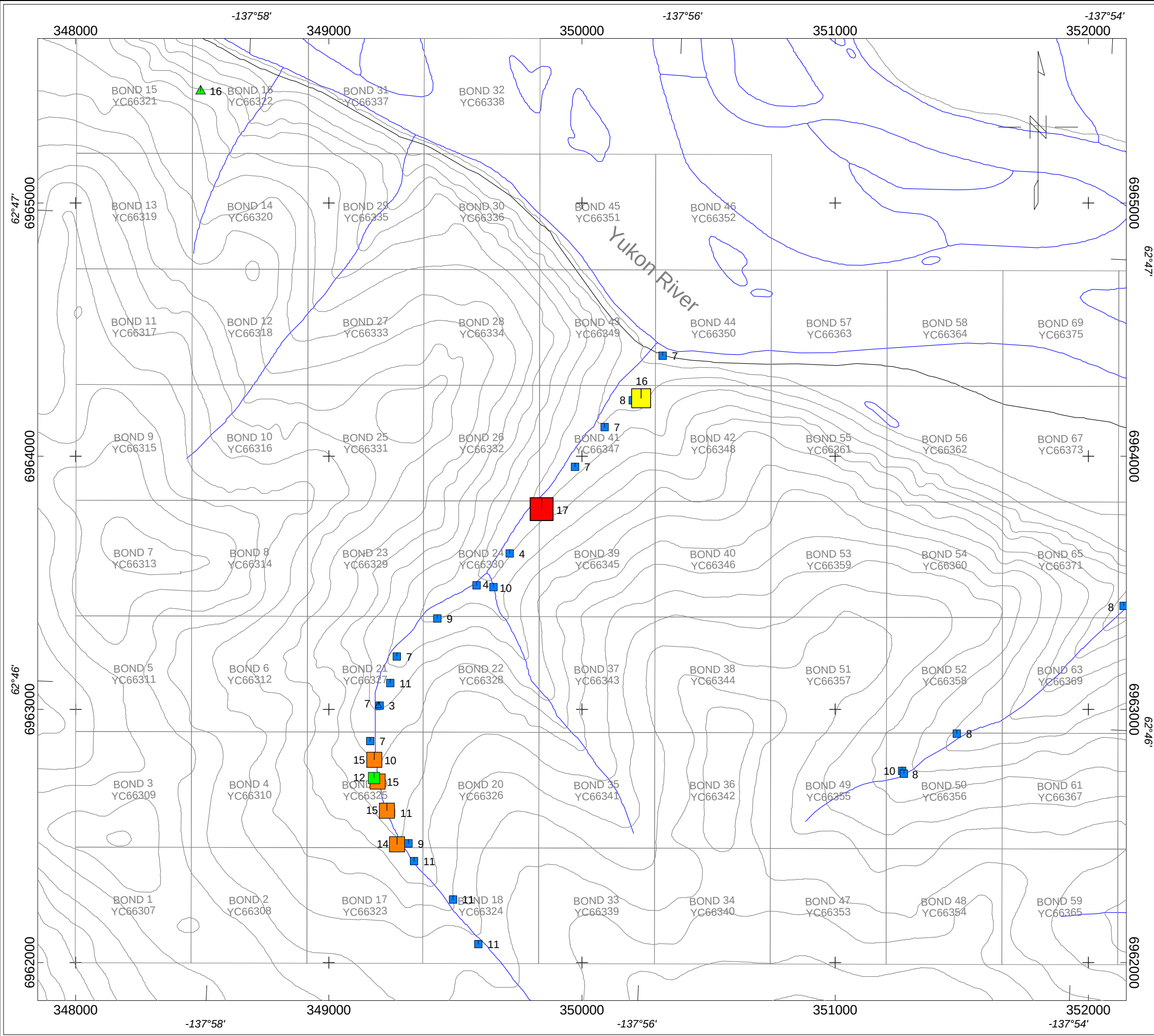
CERTIFICATE OF ANALYSIS VA08125680

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
H163250		<10	<20	0.02	<10	<10	43	<10
H163335		<10	<20	0.07	<10	<10	41	<10
H163336		<10	<20	0.07	<10	<10	43	<10
H163337		<10	<20	0.07	<10	<10	41	<10
H163338		<10	<20	0.08	<10	<10	45	<10
H163339		<10	<20	0.07	<10	<10	39	<10
H163340		<10	<20	0.07	<10	<10	43	<10
H163341		<10	<20	0.08	<10	<10	49	<10
H163342		<10	<20	0.07	<10	<10	37	<10
H163343		<10	<20	0.07	<10	<10	40	<10
H163344		<10	<20	0.08	<10	<10	44	<10
H163345		<10	<20	0.05	<10	<10	30	<10
H163346		<10	<20	0.05	<10	<10	27	<10
H163347		<10	<20	0.07	<10	<10	39	<10
H163348		<10	<20	0.06	<10	<10	31	<10
H893501		<10	<20	0.07	<10	<10	35	<10
H893502		<10	<20	0.06	<10	<10	32	<10
H893503		<10	<20	0.07	<10	<10	43	<10
H893504		<10	<20	0.06	<10	<10	32	<10
H893505		<10	<20	0.06	<10	<10	30	<10
H893506		<10	<20	0.06	<10	<10	29	<10
H893507		<10	<20	0.06	<10	<10	32	<10
H893508		<10	<20	0.06	<10	<10	33	<10
H893509		<10	<20	0.07	<10	<10	45	<10
TH164693		<10	<20	0.07	<10	<10	38	<10
TH164694		<10	<20	0.08	<10	<10	76	<10
TH164695		<10	<20	0.05	<10	<10	51	<10
TH164696		<10	<20	0.02	<10	<10	52	<10
TH164697		<10	<20	0.01	<10	<10	17	<10









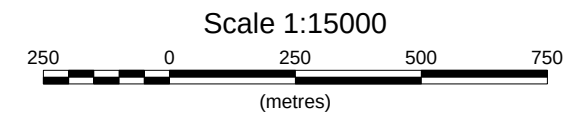
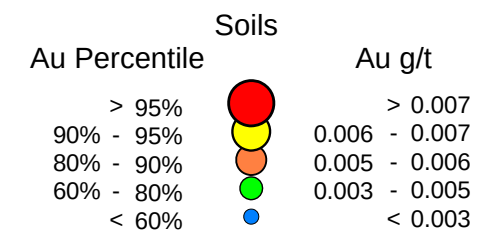
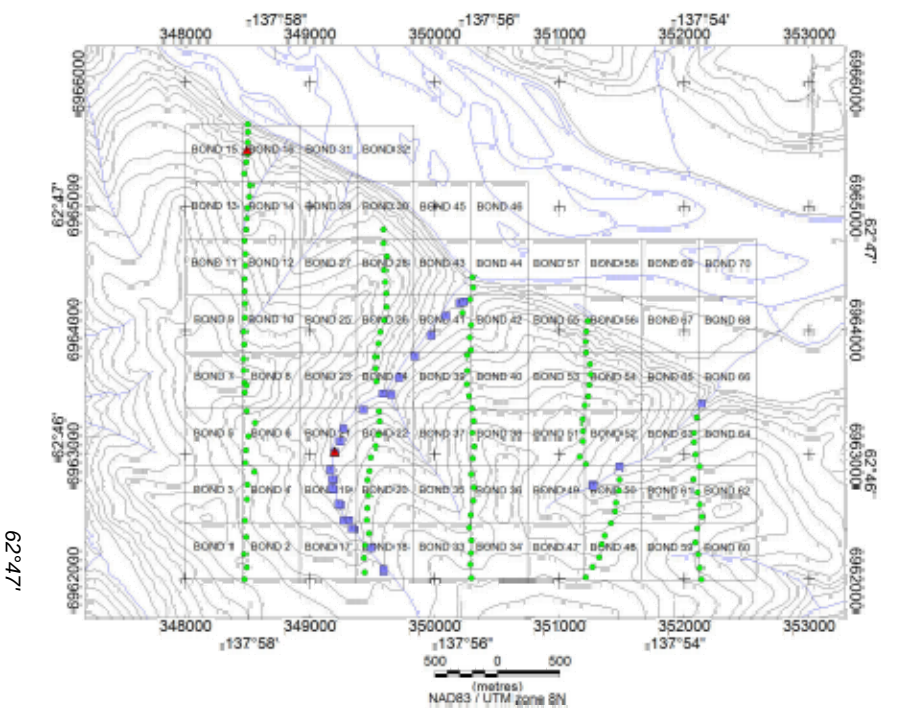
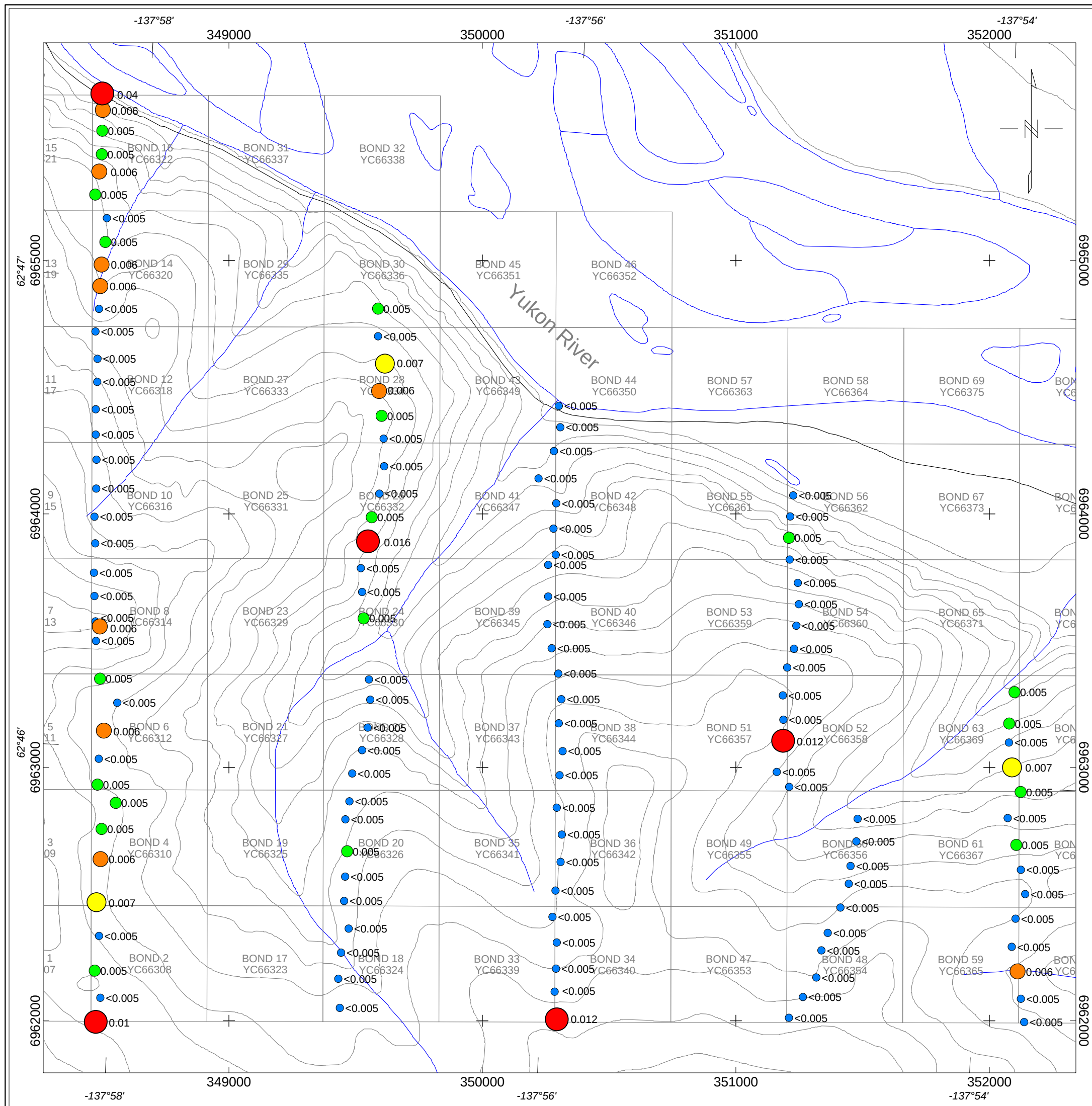
NORTHERN TIGER RESOURCES INC.

BOND CLAIMS
ROCK & SILT SAMPLE MAP, COPPER VALUES
MAP 4b

NTS: 115 I/13
Datum: NAD 83
Date: 16 Mar 09

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

Stewart Basin Exploration



NORTHERN TIGER RESOURCES INC.	
BOND CLAIMS SOIL SAMPLE MAP, GOLD VALUES MAP 5a	
NTS: 115 I/13 Datum: NAD 83 Date: 16 Mar 09	Mining District: Whitehorse Projection: UTM Zone 8 Drawn by: HDS
Stewart Basin Exploration	

