

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

YC65397 – YC65401 (LED 1-5), YC65405 – YC65412 (LED 9-16)

Williams Ck/ Yukon River Creek area,

62°23'57"N Latitude, 136°37'20"W Longitude  
UTM NAD 83 Datum 415600E, 6919770N, Zone 8

**Whitehorse Mining District**

NTS Sheet 115I/07, Zone 8  
July 14, 2008

**Effective Date: September 14, 2008**

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**Dec 19, 2008**

## Summary

The LED property, located in central Yukon, consists of 13 quartz mining claims in one contiguous block covering 256.8 hectares (634.3 acres). The property is located about 35 km north-northwest of Carmacks, Yukon, and about 200 kilometres north-northwest of Whitehorse.

The LED claims were staked in August 2007 by Minto Explorations Ltd. to cover ground prospective for “Minto-style” copper-gold mineralization. In July 2008 Northern Tiger Resources Inc. (Northern Tiger) obtained a 100% interest in the claims, in exchange for exploration commitments across the property. The company then conducted a one-day exploration program consisting of geological mapping, reconnaissance-style soil sampling, some rock sampling and post tagging.

The LED property is located towards the northern limit of the Intermontane Superterrane occurring as a narrow sequence of Triassic to Lower Jurassic Stikinia Terrane volcanic and volcanoclastic strata mixed with Lower Jurassic Quesnellia Terrane metaigneous units. The latter consists of units of Aishikik Suite granite, biotite granite and monzonite. These include the Klotassin batholith hosting the Minto mine, and the Granite Mountain batholiths hosting the Carmacks copper-silver-gold deposit.

Southwestern areas of the Led property itself are underlain by Triassic Povoas Formation basalt, with coarse volcanoclastic conglomerate extending across northeastern areas. The Granite Mountain Batholith occurs somewhat to the southwest; this hosts the Carmacks copper-gold-silver deposit held by the Western Copper Corporation.

The 2008 program indicated the majority of the property is underlain by Triassic Povoas Formation mafic volcanic and roughly coeval conglomeritic volcanoclastics, not the favourable setting for Minto and Carmacks-style deposits. The small malachite occurrence represents an oxide-facies, distal phase of a mineralizing system, likely the Carmacks copper-silver-gold deposit roughly eight kilometres to the southwest. Granitic fragments in a soil pit suggest a small Aishikik Suite intrusion in central areas; however this is unlikely to host an economically viable Minto-style deposit.

The 2008 program was inadequate to fully assess the property’s mineral potential. Three further traverses, consisting of geological mapping, systematic soil geochemical sampling and rock and silt sampling where warranted are recommended. The project could be conducted by a two-person crew based at a small camp in the central property area, staged from the DEL property about 10 km to the northwest.

Proposed expenditures, including data compilation, digitizing and report preparation and 15% contingency, stand at **CDN\$21,104.80**.

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## **1.0 Introduction**

### **1.1 Introduction**

The LED property, located in central Yukon, consists of 13 quartz mining claims in one contiguous block covering 256.8 hectares (634.3 acres). The LED claims were staked in August 2007 by Minto Explorations Ltd. to cover ground prospective for “Minto-style” copper-gold mineralization. In July 2008 Northern Tiger Resources Inc. (Northern Tiger) obtained a 100% interest in the claims, in exchange for exploration commitments across the property. A one-day exploration program consisting of geological mapping, reconnaissance-style soil sampling, some rock sampling and post tagging was conducted by Northern Tiger on July 14, 2008.

This report will focus on details of the July 2008 exploration program on the LED 1-87 claims.

### **1.2 Sources of Information**

Little historical data pertaining to the present LED block is available. Some regional geological data was taken from the Yukon Geology Survey website; summaries of history and geology of proximal occurrences are listed in the Yukon Minfile. The geological setting and potential deposit model are similar to that of Sherwood Copper Corporation’s Minto mine site, located roughly 30 km to the northwest. 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 throughout the program on July 14. Mr. Schulze also designed and managed the entire program.

## 2.0 Property Description and Location

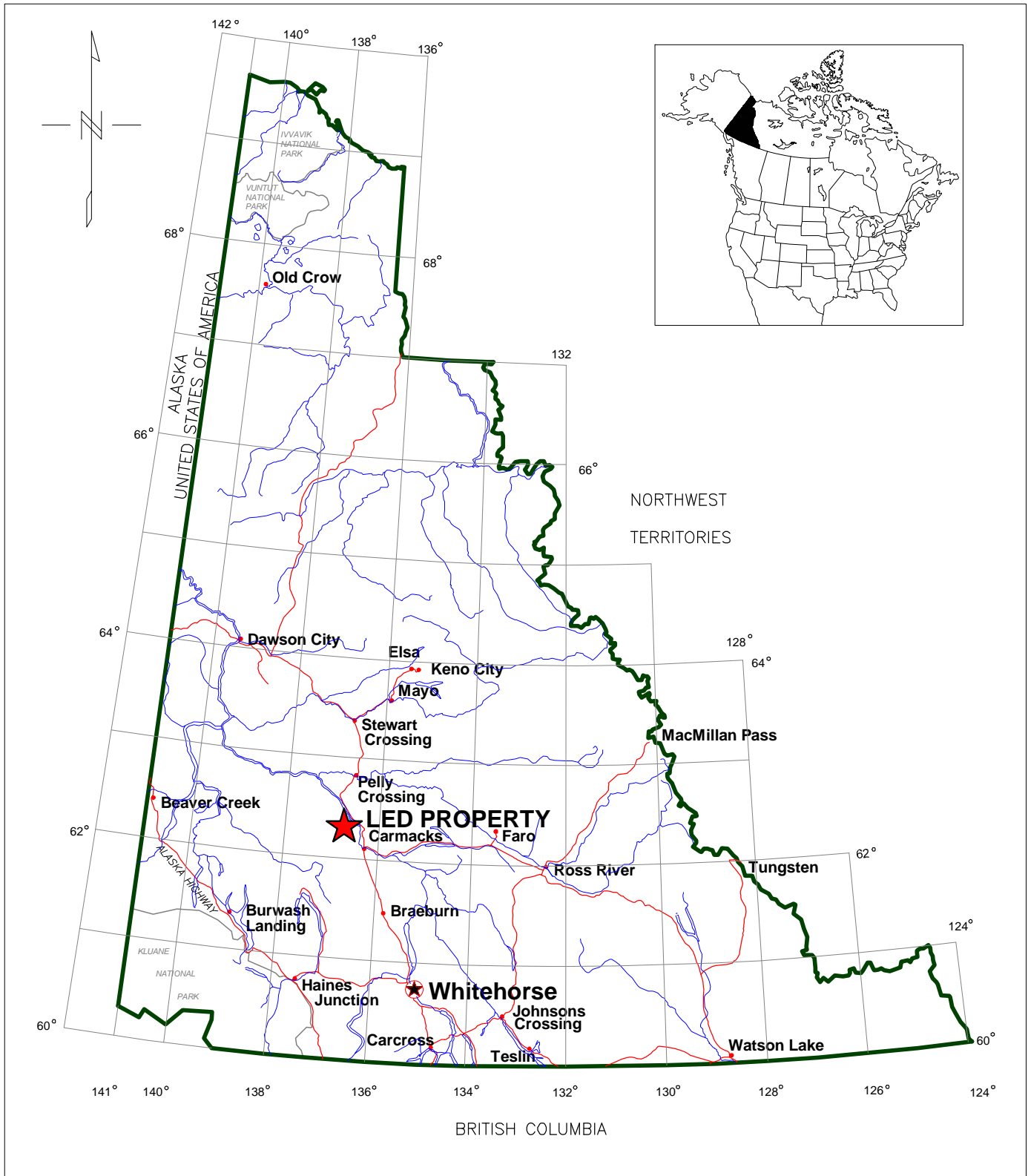
The LED property consists of 13 unpatented quartz mining claims (Table 1, Figure 3) in one contiguous block covering 256.8 hectares (634.3 acres) directly northwest of the confluence of Williams Creek with the Yukon River. The property is located about 35 km north-northwest of Carmacks, Yukon, and about 200 kilometres north-northwest of Whitehorse (Figures 1 and 2). It is centered at 62°23'57" N Latitude, 136°37'20" W Longitude (UTM NAD 83 Datum 415600E, 6919770N, Zone 8) within NTS map sheet 115I/07. 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.

The claim status data is listed in Table 1 below.

**Table 1: LED Block Claim Status**

<b>Grant Number(s)</b>	<b>Claim Name(s)</b>	<b>Expiry Date</b>
YC65397 – YC65401	LED 1-5	Aug 6, 2013
YC65405	LED 9	Aug 6, 2013
YC65406 – YC65412	LED 10-16	Aug 6, 2012

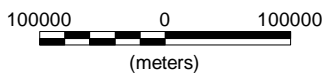


**NORTHERN TIGER RESOURCES INC.**

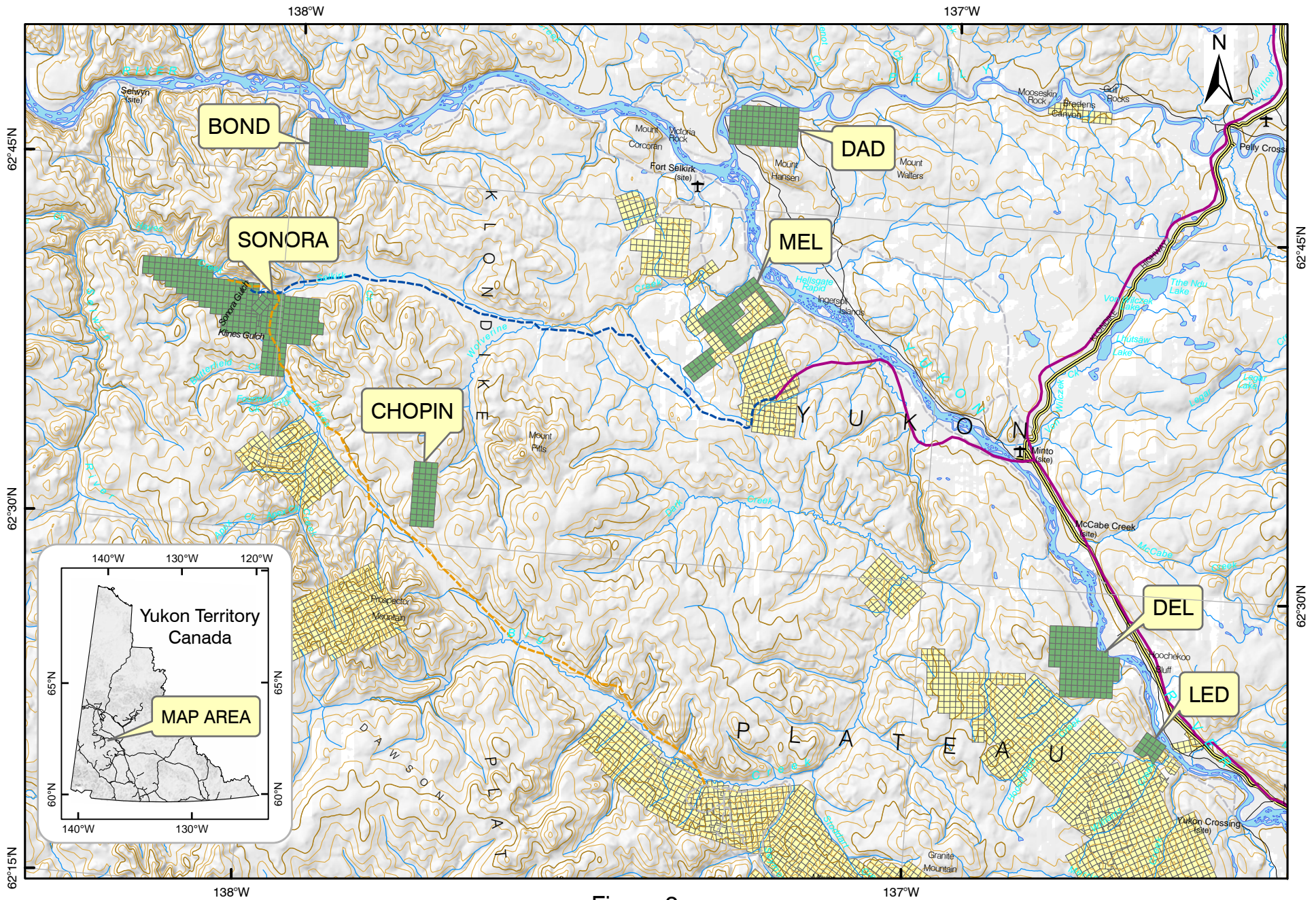
**LED PROPERTY  
PROPERTY LOCATION MAP  
FIGURE 1**

NTS: 115 I/07  
Datum: N/A  
Job: NTR-08-01-YT

Mining District: Whitehorse  
Projection: N/A  
Date: 03 Sept 08

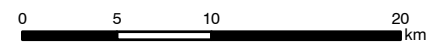


***Stewart Basin Exploration***

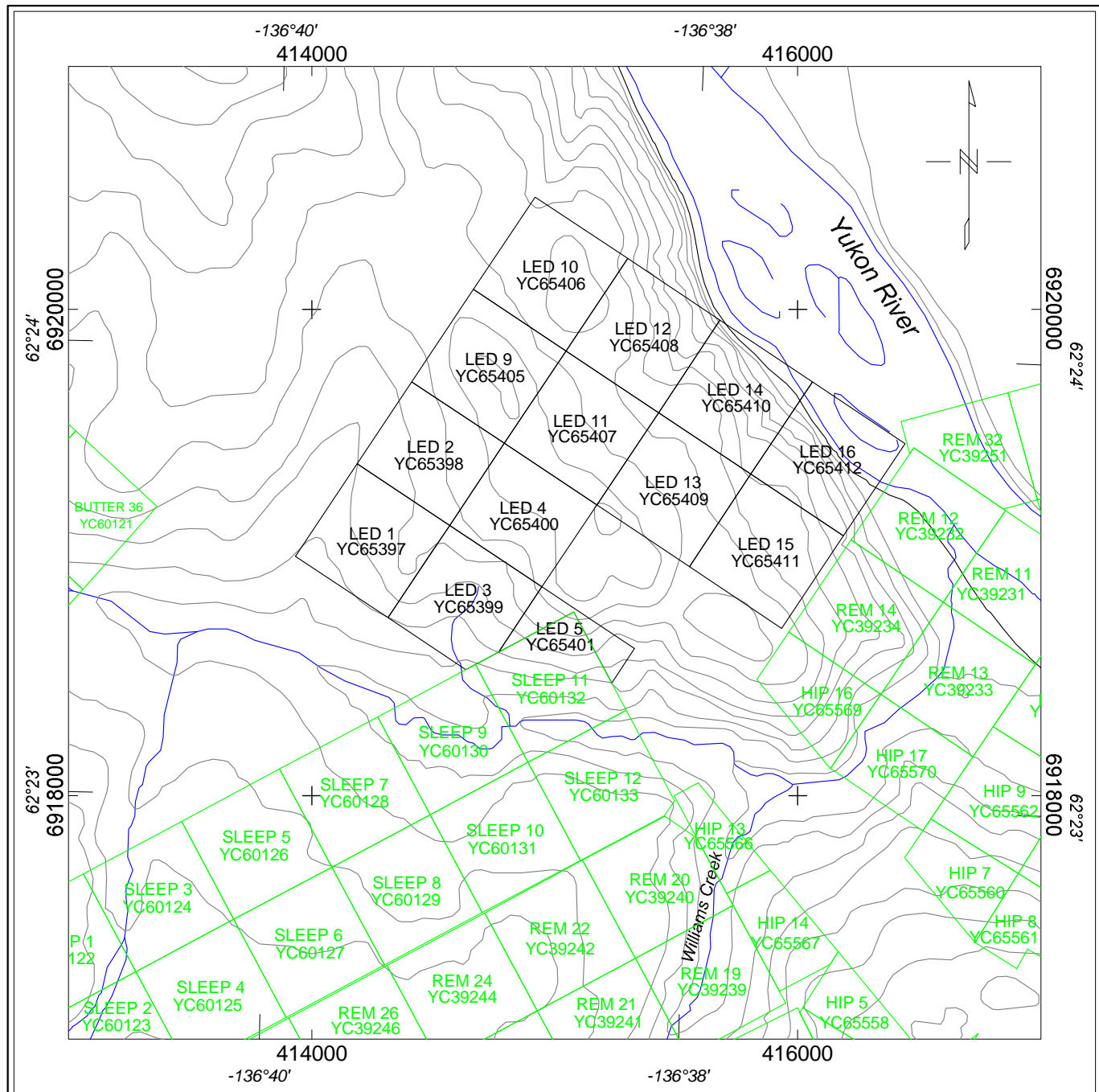


- Legend**
- Claims owned by Northern Tiger Resources Inc.
  - Active Quartz Claims
  - Casino Trail (winter use)
  - Wolverine Crk. Trail (winter use)
  - Power Line
  - Klondike Highway

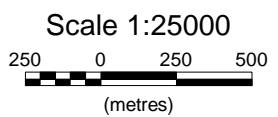
**Figure 2**  
**LED Property**  
 Northern Tiger Resources Inc.  
 Regional Claim Location Map



December 13, 2008



<b>NORTHERN TIGER RESOURCES INC.</b>	
<b>LED PROPERTY CLAIM LOCATION MAP FIGURE 3</b>	
NTS: 115 I/07 Datum: NAD 83 Date: 04 Sept 08	Mining District: Whitehorse Projection: UTM Zone 8 Drawn by: HDS
<b>Stewart Basin Exploration</b>	



### **3.0 Physiography, Climate, Access and Infrastructure**

#### **3.1 Physiography and Climate**

The LED property is located in an area of moderate topographic relief just northwest of the confluence of Williams Creek with the Yukon River, along the south side of the river. Elevations range from about 2,600 feet (790m) to the Yukon River at just under 1,600 feet (490m). Steep, near cliff-like terrain occurs along the south bank of the Yukon River; steep terrain also occurs towards the Williams Creek valley. The block is located along the western margin of the Reid ice sheet, the second most recent major continental glacial event, although some pre-Reid glaciation extends somewhat further to the west.

Outcrop, subcrop and rubblecrop exposure is sparse, except for the north-eastern area next to the Yukon River and the extreme south-eastern region. Limited discontinuous permafrost occurs along some north-facing slopes and low lying areas.

The climate of the MEL 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 spruce and lodgepole pine forests, with stunted poplar covering south facing slopes. Steep slopes are locally free of trees. Most of the property was burned in 1995, resulting in thick secondary pine and poplar vegetation mixed with fallen dead timber. Areas near the Yukon River escaped the fire.

#### **3.2 Access and Infrastructure**

No permanent or currently serviced seasonal road access extends directly on to the property. A trail, servicing the DEF claims hosting the present Minto mine and extending through the property along the south side of the Yukon River has become overgrown and is not usable without significant refurbishment. However, the eastern property boundary occurs within three kilometres of the North Klondike Highway, with abundant staging areas for camp mobilization. The Minto airstrip occurs about 25 km north-northwest of the property.

The LED property is of limited size, and would require expansion to properly contain any future mining, milling and waste disposal areas. The most suitable terrain for such improvements occurs in northwestern areas; expansion to the west and northwest is recommended. The Yukon River, extending along the northwest boundary, has an adequate water supply to service any future operations; limited water also exists in Williams Creek in the southeastern property area.

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, now serviced by grid electric power, also has basic services and provides much of the workforce at the Minto mine site. Whitehorse, located 170 km to the south of Carmacks, is a full service community with a population of about 23,000, including a sophisticated mineral exploration service community and an available workforce.

## **4.0 History**

The present LED property area first saw activity in 1898 with the staking of the FOURTH OF JULY claim. In 1907 the BONANZA KING, MONTO CHRISTO and other claims were staked in the area, and underwent some exploration prior to consolidation in 1910 under Dr. J.O. Lachapelle, J.P. Guite and J. Viau. Development continued and in 1917 5.9 tonnes of “ore” from the Bonanza King shaft were shipped. Work continued until March 1920; by then two 15-metre shafts and 173.7 metres of drifting in two adits had been completed on the adjoining Lucky Boy claim (Yukon Minfile, 2008).

Several other workings were completed on adjacent claims, including: a 12-metre adit on the DAWSON claim directly west of the Bonanza Creek; 4.1 metres of decline and 2.7 metres of drifting on the GLENLIVET claim, and a 6.1-metre crosscut on the BUNKER HILL claim. Twelve claims brought to lease were “investigated” by the Yukon Consolidated Gold Corporation in 1943. The property was optioned by A. Arsenault and Associates in 1971, which added the BILLY claim but recorded no work (Yukon Minfile, 2008).

This activity is listed as Minfile Occurrence 115I 010 in the Yukon Minfile, plotted directly southwest of the present claim block. Historic workings identified during helicopter support likely represent these workings, currently within the HIP and REM claims held by the Western Copper Corporation and located directly southeast of the LED block.

The Carmacks Copper Deposit, located roughly 8 kilometres to the southwest, was first discovered in 1970, and staked by A. Arsenault and G. Wing, who optioned it to the Dawson Range Joint Venture. In 1981 Archer Cathro & Associates (1981) Ltd obtained the property and optioned it to Western Copper Holdings Ltd. Western Copper progressively developed the deposit and, as of December 2008, is waiting for final permitting to place the project into production.

## **5.0 Geology**

### **5.1 Regional Geology**

The LED property is located towards 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 YTT consists of a belt of Devonian-Mississippian metamorphic rocks, mainly metavolcanics with lesser metasediments. The northwest – southeast trending Denali (Shakwak) Fault located about 175 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. The Carmacks copper-silver-gold mine occurs within the Granite Mountain batholiths, another member of the Aishikik Suite.

Much of the area surrounding the Intermontane Terrane is underlain by Upper Cretaceous to early Tertiary Carmacks Group volcanics, comprised largely of mafic flood basalts and andesites, with lesser felsic flow and tuffaceous units, and localized basal clastic strata (Open File, Geological Survey of Canada, 2001).

## **5.2 Property Geology**

Preliminary geological mapping indicated most of the property is underlain by Povoas Formation basaltic flows in northern areas and coarse conglomerate in southern areas. Evidence for basaltic flows arises from a single sample obtained from a pit excavated near the west property boundary of a showing of malachite staining within foliated, weakly biotitic basalt. Coarse conglomerate, with boulder-sized clasts and weak to moderate epidote alteration, is revealed at a steep slope in eastern areas, as well as cliff-like exposures south of the property. A single northwest-southeast trending vertical foliation measurement was obtained within the conglomerate.

Abundant granitic float from a soil pit in east-central areas suggests a small granite stock may occur locally. This is inconclusive; however it is the only lithological identification made during soil sampling; fragment lithology is recorded only where the majority of fragments are quite similar and do not show evidence of glacial or fluvial transport.

## 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 currently producing Minto deposit. The following information was provided by personal communication in early 2008 with Mr. Brad Mercer, 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 granodioritic 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 (Sherwood Copper Corporation website).

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 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 has no analogues on a worldwide basis, with several theories brought forth regarding its origin. In a 1999 report, SRK Consulting Inc. theorized the deposit resulted from emplacement of hydrothermal fluids into dilation 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 for 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).

The Carmacks copper-gold-silver deposit likely has a similar origin as the Minto deposit, as it occurs in another member of the Aishikik Suite and has a similar mineralogy. The deposit has a near-vertical orientation, as opposed to the horizontal setting of the Minto deposit.

The Carmacks copper deposit hosts both an oxide resource and an underlying sulphide resource. The combined measured and indicated resource of the oxide portion stands at 11.980 M tonnes grading 1.044% copper (Cu), 0.483 g/t gold (Au) and 4.62 g/t silver (Ag), with an additional inferred resource of 0.090 M tonnes grading 0.73% Cu, 0.13 g/t Au and 1.8 g/t Ag. The measured and indicated resource base of the sulphide portion stands at 4.340 M tonnes grading

0.75% Cu, 0.22 g/t Au and 2.4 g/t Ag, with an additional inferred resource of 4.031 M tonnes grading 0.71 % Cu, 0.18 g/t Au and 1.9 g/t Ag. Combined proven and probable reserves of both sulphide and oxide categories stand at 10.611 M tonnes grading 1.044% Cu, 0.482 g/t Au and 4.62% Ag.

## **7.0 Mineralogy**

A single pit was discovered by a lineman during post-tagging and was not visited by this author. However, hand specimen analysis indicated the showing consists of strong malachite staining within foliated, weakly biotitic basalt. The composite grab sample returned a value of 1.74% copper with 14.6 g/t silver and 0.399 g/t gold (Map 4a, Appendix 3a). No sulphides were noted.

No other mineralization was noted in surface exposures, although minor epidote alteration occurs within the matrix of the conglomerate units. A single soil line extending along the northeastern claim line revealed a single weakly anomalous gold value of 0.022 g/t at the base of the slope containing outcroppings of conglomerate. Weakly elevated copper values were returned along the slope, as well as just south of the granitic soil sample. A copper-in-soil value of 53 ppm was returned near the northwestern end of the line (Maps 5a and b).

## **8.0 Exploration**

The 2008 program, occurring on July 14, consisted of one soil geochemical traverse with geological mapping along the northeastern claim line (Maps 2 and 3). Soil samples were taken at 100-metre intervals. A total of 1 rock and 19 soil samples were taken; sample description and results are listed in Appendix 3.

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
George Mackay:	Field Technician

Also, Mr. Ramon Quesnel of Coureur de Bois Ltd. was employed as a lineman, engaged primarily in post-tagging of previously registered claims. Mr Quesnel obtained the single rock sample from the pit. Helicopter services were provided by Heli Dynamics Ltd. based from Northern Tiger's main camp on the Sonora Gulch property to the northwest.

## **9.0 Sampling Method and Approach**

All geochemical sampling was subject to rigorous parameters, including detailed descriptions of each sample. The rock sample was 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.

The rock sample was recorded as to location (UTM - NAD 27, converted to NAD 83 for plotting), sample type (composite grab), exposure type (pit), 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 (Appendix 3a). 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; thus samples with high copper-gold ratios may reflect transport distance rather than low bedrock gold values.

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 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**

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

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

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**

Due to the reconnaissance-style nature of the program, no deliberate data verification was done.

## **12.0 Adjacent Properties**

The southeastern boundary of the LED property is separated to the southeast by a very narrow sliver of Crown Land from the REM and HIP claims held by the Western Copper Corporation. These cover historic workings described in Section 4.0; fourteen REM claims also occur along the northeast side of the Yukon River (Figure 3).

The northwest corner of the LED block extends within 0.5 km of the southeast boundary of the BUTTER claims, held by Mr. S. Ryan and adjoining the WC claim block, part of the large land package containing the Carmacks copper deposit held by Western Copper Corporation.

### **13.0 Mineral Processing and Metallogenic Testing**

No mineral processing or metallogenic testing is known to have been done on the MEL 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 provided by the Yukon Geology Service.

## **16.0 Discussion and Conclusions**

### **16.1 Discussion**

The coverage of the 2008 program is inadequate to properly assess the mineral potential of the LED property; however it suggests the majority of the property is underlain by Triassic Povoas formation basalts and coeval coarse conglomerates. Mapping by the Yukon Geology Program also indicates it is completely underlain by the Povoas formation. This is not the favourable setting for “Minto”-style deposits, which consists of batholithic-scale members of the Aishikik intrusive suite. If the granitic fragments within the central soil sample represent an underlying intrusion, it would likely be a member of this suite; however, it would be of limited extent, reducing potential to host a sizable deposit.

The Pit malachite showing represents a distal copper-oxide occurrence, likely resulting from fluid transport along fissures or similar permeable horizons from a core deposit. Anomalous gold and silver values also suggest the distal nature of the occurrence, as well as the presence of precious metals in the source deposit. Historic showings to the south at the Bonanza King and other prospects consist of quartz vein-hosted chalcopyrite and bornite, also indicating a transported nature of mineralization, although likely somewhat closer to the source. The most likely source is the Carmacks copper-silver gold deposit, which has a similar mineralogy to the pit occurrence (the majority of this consists of a sulphide deposit which has been subsequently oxidized). Conglomerate-hosted epidote alteration represents outlying propylitic alteration, distal from the source.

Weakly elevated copper values suggest minor underlying occurrences. If these are hosted by Povoas Formation units, they are likely similar to the Pit malachite occurrence, with limited

economic potential. The single elevated gold value occurs in an area of abundant outcrop exposure with thin soil cover, a terrain setting where much higher gold-in-soil values are necessary to signify significant occurrences.

## 16.2 Conclusions

The following conclusions may be made from results of the 2008 program:

- The majority of the property is underlain by Triassic Povoas Formation mafic volcanic and roughly coeval conglomeritic volcanoclastics, an unfavourable setting for Minto and Carmacks-style copper-silver-gold deposits.
- The small malachite occurrence represents an oxide-facies, distal phase of a mineralizing system. Similar mineralogy and appropriate transport distance suggest it originated from the area of the Carmacks copper-silver-gold deposit roughly eight kilometres to the southwest.
- Granitic fragments in a soil pit in the north-central property area suggest the presence of a small Aishikik Suite intrusion; however it would be unlikely to be large enough to host an economically viable Minto-style deposit.

## 17.0 Recommendations

### 17.1 Recommendations

Three further reconnaissance-style traverses consisting of geological mapping, soil geochemical sampling at a 100-metre sample spacing, prospecting and silt and rock sampling where applicable are recommended to cover central and south-western portions of the property. The lines would parallel the 2008 line which extends along the northern claim line. Further investigation of the Pit malachite occurrence is also warranted. This should be sufficient to determine if favourable stratigraphy exists on the property for a sizable deposit.

The program could be conducted by a two-person crew based in a small camp in the central property area, utilizing helicopter support in conjunction with proposed exploration at the nearby DEL property. Mobilization and de-mobilization, including containerized water for drinking and dish washing, could be done by helicopter during resupply days to the DEL camp. The latter is recommended to consist of four people; two could remain at the DEL to continue exploration there. Three days of actual traversing are required, together with one additional weather day and two days for mobilization and demobilization.

Proposed expenditures, including data compilation, digitizing and report preparation stand at **CDN\$18,352.00**; including 15% contingency, projected expenditures stand at **CDN\$21,104.80**.

## 17.2 Recommended Budget

Assumes: One 2-person camp as a “fly” camp based from the DEL property; traverses by one 2-person team.

Pre-program preparation:	\$ 1,055
Wages: Project Geologist: 6 days @ \$680/day:	\$ 4,080
Technician 1: 6 days @ \$375/day:	\$ 2,250
Clerical work:	\$ 100
Helicopter support: 2.0 hours @ \$1,200/hr, incl. fuel:	\$ 2,400
Rock sampling: 12 samples @ \$37/sample:	\$ 444
Soil/ silt sampling: 45 samples @ \$34/sample:	\$ 1,530
Shipping: 57 samples @ \$3/sample:	\$ 171
Sample “Standards”:	\$ 100
Groceries: 12 person-days @ \$50/day:	\$ 600
Expediting (pro-rated):	\$ 1,400
Fuel, camp	\$ 160
Truck rental: 1 days @ \$90/day:	\$ 90
Field gear purchasing:	\$ 150
Gear rental (hand-held radios) 6 days @ \$30/day:	\$ 180
Mileage: 142 km @ \$0.45/km:	\$ 32
Satellite telephone rental: 6 days @ \$15/day:	\$ 90
Travel fuel (pro-rated):	\$ 100
Travel meals:	\$ 80
Field office supplies:	\$ 100
<u>Supplies, including expendables:</u>	<u>\$ 300</u>
	<b>Field Total: \$15,412</b>
Report Writing: 5 days at \$680 per day:	\$ 2,040
<u>Digitizing:</u>	<u>\$ 900</u>
	<b>Sub-Total: \$18,352</b>
	<u>15% Contingency: \$ 2,753</u>
	<b>Project Total: \$21,105</b>

## 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.

Website, Western Copper Corporation, 2008.

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 24 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 LED Claim Block, Northern Tiger Resources Inc.” on the entire property area comprising the LED project. I was active on-site for the one-day program on July 14, 2008.
- 7) I have not had prior involvement with the property that is the subject of the Technical Report.
- 8) I am not aware of any material facts or material changes with respect to the subject matter of the technical report not contained within the report, of which the omission to disclose makes the report misleading.
- 9) I am independent of the issuer applying all of the tests in section 1.5 of National Instrument 43-101.
- 10) I have read National Instrument 43-101 and Form 43-101F1: however this is an Assessment Report and has not been prepared in compliance with that instrument and form.
- 11) I consent to the filing of the Technical Report with the Mining Recorder’s Office, Ministry of Energy, Mines and Resources, Government of Yukon.
- 12) The effective date of this report is September 14, 2008.

Dated this 15<sup>th</sup> Day of December, 2008.

**“Carl Schulze”**

Carl Schulze, BSc, PGeo  
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Whitehorse, Yukon Y1A 5T6  
Telephone: 867-633-4807  
Fax: 867-633-4883  
E-mail: allterrane@northwestel.net

**Appendix 2: Statement of Expenditures**

**LED Claims, Northern Tiger Resources Inc.**

<b>Activity</b>	<b>No. Of Units/Mandays</b>	<b>Cost per Unit</b>	<b>Total Cost</b>
Geological Mapping	1	\$ 680.00	\$ 680.00
Soil Sampling/ Prospecting	1	\$ 275.00	\$ 275.00
Soil/ Silt samples	19	\$ 32.00	\$ 608.00
Shipping	19	\$ 3.00	\$ 57.00
Helicopter	1.2	\$ 1,200.00	\$ 1,440.00
Groceries	2	\$ 45.00	\$ 90.00
Report Writing/ Digitization	4	\$ 680.00	\$ 2,720.00
<b>Totals</b>			<b>\$ 5,870.00</b>

## **Appendix 3: Sample Descriptions and Results**

### **Appendix 3a: Rock Sample Descriptions**

**Appendix 3a  
ROCK SAMPLE DESCRIPTION SHEET**

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

Sample No.	Easting UTM NAD 83	Northing UTM NAD 83	Sample Type	Width (m)	Sample Description	Formation	Lithology	Modifier	Colour	Carbonate Presence	Silicification	Alteration 1	Mineral 1	Amount (%)	Date	Sampler	Comments
RH894341	414568	6919705	G		Pit	uTp	Basalt	Fol	blk				Mal	3	14-Jul	RQ	Malachite s

**Appendix 3a  
ROCK SAMPLE RESULTS SHEET**

LED 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 DESCRIPTION	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %
RH 894341	0.399	14.6	1.48	<2	<10	40	<0.5	14	1.49	<0.5	12	93	17400	2.63	<10	<1	0.1	<10	1.48	338	5	0.11



**Appendix 3b: Soil Sample Descriptions and Results**

### Appendix 3a SOIL SAMPLE DESCRIPTION SHEET

**LED 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
SH162528	414790	6919896		LED	B	20	M	tan	N	10	CF			10	14-Jul	GM/CS	Bad bush!
SH162529	414872	6919843		LED	B	40	M	tan	N	<5	CF			5	14-Jul	GM/CS	B overlies ash, sample of underlying B
SH162530	414960	6919784		LED	B	45	G	lt br	N	<5	MV			10	14-Jul	GM/CS	2nd larger white ash
SH162531	415040	6919730		LED	B	35	G	tan	N	<5	CF			10	14-Jul	GM/CS	25 cm ash layer
SH162532	415128	6919674		LED	B	35	G	lt br	N	10	CF			10	14-Jul	GM/CS	25 cm ash layer
SH162533	415204	6919619		LED	B	40	G	lt br	N	<5	CF			10	14-Jul	GM/CS	35 cm ash layer
SH162534	415275	6919565		LED	B	40	G	tan	N	<5	CF			5	14-Jul	GM/CS	35 cm ash, all to surface
SH162535	415354	6919514		LED	B	35	G	tan	N	<5	CF			5	14-Jul	GM/CS	35 cm ash layer
SH162536	415429	6919468		LED	B	40	G	md-br	N	10	CF	s-crop	gr	5	14-Jul	GM/CS	some till nearby
SH162537	415510	6919417		LED	B	30	G	gr-br	N	<5	MV			<5	14-Jul	GM/CS	sand
SH162538	415583	6919364		LED	B	35	G	lt br	N	<5	CF	till		10	14-Jul	GM/CS	weakly clay-enriched
SH162539	415672	6919312		LED	B	35	G	lt br	N	<5	CF			5	14-Jul	GM/CS	20 cm ash
SH162540	415764	6919257		LED	B	30	M	beige	N	35	MF	s-crop	gr	<5	14-Jul	GM/CS	lime-gr
SH162541	415827	6919287		LED	B	30	S	rd-br	N	10	HW	CV	cong	<5	14-Jul	GM/CS	below o.c.m
SH162542	415905	6919154		LED	B	35	G	br	N	<5	CF			<5	14-Jul	GM/CS	base of slope
SH162543	415992	6919095		LED	B	40	G	br	N	<5	MF			10	14-Jul	GM/CS	
SH162544	416068	6919037		LED	B	35	M	tan	N	<5	CF			14-Jul	GM/CS		
SH162545	416151	6918961		LED	B	35	M	rd-tan	N	<5	CF			5	14-Jul	GM/CS	not burned
SH162546	416274	6918935		LED	B	35	S	rd-tan	N	<5	CF			5	14-Jul	GM/CS	steep slope to north

**Appendix 3a**  
**SOIL SAMPLE RESULTS SHEET**

LED Claims, 2008 Program  
Northern Tiger Resources Inc.

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41			
SAMPLE	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na			
DESCRIPTION	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%			
SH162528	<0.2	1.11	6<10		150	<0.5	<2	0.34	<0.5		4	21	14	1.79	<10		1	0.04	10	0.34	157	<1	0.02	
SH162529	<0.2	1.27	6<10		200	<0.5	<2	0.55	<0.5		5	27	20	2.11	<10		2	0.04	10	0.44	226	<1	0.03	
SH162530	<0.2	1.22	5<10		270		<2	1.07	<0.5		8	25	53	1.99	<10		1	0.04	10	0.46	409	<1	0.03	
SH162531	<0.2	1.21	7<10		180	<0.5	<2	0.7	<0.5		5	34	37	1.96	<10		1	0.04	10	0.56	204	<1	0.03	
SH162532	<0.2	1.1	5<10		250	<0.5	<2	0.32	<0.5		5	27	13	1.86	<10		1	0.05	10	0.37	171	<1	0.02	
SH162533	<0.2	1.18	5<10		370	<0.5	<2	0.38	<0.5		5	27	17	2.04	<10		1	0.05	10	0.38	181	<1	0.03	
SH162534	<0.2	1.58	9<10		330		<2	0.49	<0.5	0.5	6	35	22	2.45	<10		1	0.06	10	0.46	238	<1	0.03	
SH162535	<0.2	1.31	6<10		190	<0.5	<2	0.45	<0.5		7	30	18	2.29	<10		1	0.05	10	0.43	246	<1	0.02	
SH162536	<0.2	0.99	6<10		220	<0.5	<2	1.05	<0.5		7	22	23	2.63	<10		1	0.04	10	0.44	375	<1	0.02	
SH162537	<0.2	1.07	6<10		170	<0.5	<2	0.63	<0.5		7	27	30	2.03	<10		1	0.07	10	0.51	349	<1	0.03	
SH162538		0.2	1.47	7<10	280	<0.5	<2	0.57	<0.5		8	30	29	2.31	<10		1	0.03	10	0.44	428	<1	0.02	
SH162539	<0.2	1.22	4<10		160	<0.5	<2	0.33	<0.5		5	27	14	2.04	<10		1	0.03	10	0.39	177	<1	0.02	
SH162540	<0.2	0.85	5<10		110	<0.5	<2	0.17	<0.5		5	18	16	1.99	<10		1	0.04	10	0.24	169		2	0.01
SH162541		0.2	2.63	15<10	250		<2	0.6	<0.5	0.7	18	142	45	4.28		10	1	0.06	10	1.41	489	<1	0.03	
SH162542	<0.2	0.94	5<10		120	<0.5	<2	0.99	<0.5		6	30	21	2.27	<10		1	0.07	10	0.55	290	<1	0.02	
SH162543	<0.2	1.19	5<10		170	<0.5	<2	0.57	<0.5		6	27	30	2.13	<10		1	0.04	10	0.45	247	<1	0.02	
SH162544	<0.2	1.26	9<10		170	<0.5	<2	0.38	<0.5		6	35	19	2.29	<10		<1	0.05	10	0.41	174	<1	0.04	
SH162545	<0.2	1.02	6<10		150	<0.5	<2	0.29	<0.5		6	26	13	1.87	<10		1	0.04	10	0.34	178	<1	0.02	
SH162546	<0.2	1.13	9<10		160	<0.5	<2	0.38	<0.5		8	29	13	2.28	<10		<1	0.08	10	0.44	315	<1	0.02	

**Appendix 3a  
SOIL SAMPLE RESULTS SHEET**

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

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA23
SAMPLE	Ni	P	Pb	S	Sb	Sc	Sr	Te	Th	Ti	Tl	U	V	W	Zn	Au
DESCRIPTION	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
SH162528	11	370	5	<0.01	<2	2	26	<10	<20	0.06	<10	<10	46	<10	33	<0.005
SH162529	17	570	5	<0.01	<2	3	34	<10	<20	0.07	<10	<10	49	<10	38	<0.005
SH162530	24	670	5	0.01	<2	4	58	<10	<20	0.05	<10	<10	45	<10	37	<0.005
SH162531	21	810	5	<0.01	<2	4	36	<10	<20	0.06	<10	<10	48	<10	41	<0.005
SH162532	14	290	5	<0.01	<2	3	22	<10	<20	0.07	<10	<10	44	<10	32	<0.005
SH162533	15	330	5	<0.01	<2	4	28	<10	<20	0.06	<10	<10	47	<10	31	<0.005
SH162534	21	260	7	<0.01	<2	5	30	<10	<20	0.08	<10	<10	54	<10	35	<0.005
SH162535	15	270	5	<0.01	<2	5	33	<10	<20	0.07	<10	<10	50	<10	35	<0.005
SH162536	12	530	2	0.02	<2	6	55	<10	<20	0.03	<10	<10	63	<10	33	<0.005
SH162537	21	720	6	<0.01	<2	4	44	<10	<20	0.06	<10	<10	46	<10	43	<0.005
SH162538	20	330	6	<0.01	<2	5	30	<10	<20	0.06	<10	<10	53	<10	36	<0.005
SH162539	14	270	5	<0.01	<2	3	23	<10	<20	0.06	<10	<10	49	<10	36	<0.005
SH162540	8	130	3	<0.01	<2	2	15	<10	<20	0.04	<10	<10	41	<10	24	<0.005
SH162541	60	250	4	<0.01	<2	15	63	<10	<20	0.02	<10	<10	118	<10	49	<0.005
SH162542	16	810	4	<0.01	<2	5	45	<10	<20	0.05	<10	<10	55	<10	38	0.022
SH162543	17	710	4	<0.01	<2	5	32	<10	<20	0.06	<10	<10	49	<10	39	<0.005
SH162544	20	330	5	<0.01	<2	4	23	<10	<20	0.08	<10	<10	52	<10	36	<0.005
SH162545	13	160	6	<0.01	<2	3	18	<10	<20	0.07	<10	<10	43	<10	29	<0.005
SH162546	20	270	6	<0.01	<2	4	25	<10	<20	0.07	<10	<10	48	<10	38	<0.005

**Appendix 4: Original Sample Results**



# ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY  
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: 23-AUG-2008  
This copy reported on 18-DEC-2008  
Account: NOTIRE

## CERTIFICATE VA08104557

Project: Sonora  
P.O. No.:  
This report is for 135 Soil samples submitted to our lab in Vancouver, BC, Canada on 30-JUL-2008.

The following have access to data associated with this certificate:

GREG HAYES

CARL SCHULZE

## SAMPLE PREPARATION

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

## ANALYTICAL PROCEDURES

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

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

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

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



# ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY  
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: 2 - A  
Total # Pages: 5 (A - C)  
Finalized Date: 23-AUG-2008  
Account: NOTIRE

Project: Sonora

## CERTIFICATE OF ANALYSIS VA08104557

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



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Account: NOTIRE

Project: Sonora

## CERTIFICATE OF ANALYSIS VA08104557

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



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Project: Sonora

CERTIFICATE OF ANALYSIS	VA08104557
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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-AA23
	Analyte	Th	Ti	Ti	U	V	W	Zn	Au
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2	0.005
SH162528		<20	0.06	<10	<10	46	<10	33	<0.005
SH162529		<20	0.07	<10	<10	49	<10	38	<0.005
SH162530		<20	0.05	<10	<10	45	<10	37	<0.005
SH162531		<20	0.06	<10	<10	48	<10	41	<0.005
SH162532		<20	0.07	<10	<10	44	<10	32	<0.005
SH162533		<20	0.06	<10	<10	47	<10	31	<0.005
SH162534		<20	0.08	<10	<10	54	<10	35	<0.005
SH162535		<20	0.07	<10	<10	50	<10	35	<0.005
SH162536		<20	0.03	<10	<10	63	<10	33	<0.005
SH162537		<20	0.06	<10	<10	46	<10	43	<0.005
SH162538		<20	0.06	<10	<10	53	<10	36	<0.005
SH162539		<20	0.06	<10	<10	49	<10	36	<0.005
SH162540		<20	0.04	<10	<10	41	<10	24	<0.005
SH162541		<20	0.02	<10	<10	118	<10	49	<0.005
SH162542		<20	0.05	<10	<10	55	<10	38	0.022
SH162543		<20	0.06	<10	<10	49	<10	39	<0.005
SH162544		<20	0.08	<10	<10	52	<10	36	<0.005
SH162545		<20	0.07	<10	<10	43	<10	29	<0.005
SH162546		<20	0.07	<10	<10	48	<10	38	<0.005
SH162547		<20	0.21	<10	<10	85	<10	59	<0.005
SH162548		<20	0.10	<10	<10	55	<10	60	<0.005
SH162549		<20	0.08	<10	<10	50	<10	60	<0.005
SH162550		<20	0.17	<10	<10	68	<10	81	<0.005
SH162551		<20	0.10	<10	<10	61	<10	34	<0.005
SH162552		<20	0.06	<10	<10	48	<10	30	<0.005
SH162553		<20	0.06	<10	<10	54	<10	32	<0.005
SH162554		<20	0.08	<10	<10	54	<10	39	<0.005
SH162555		<20	0.05	<10	<10	46	<10	39	<0.005
SH162556		<20	0.06	<10	<10	50	<10	47	<0.005
SH162557		<20	0.06	<10	<10	66	<10	47	<0.005
SH162558		<20	0.07	<10	<10	56	<10	37	0.005
SH162559		<20	0.07	<10	<10	46	<10	41	<0.005
SH162560		<20	0.04	<10	<10	35	<10	36	<0.005
SH162561		<20	0.07	<10	<10	57	<10	42	<0.005
SH162562		<20	0.08	<10	<10	58	<10	33	0.009
SH162563		<20	0.02	<10	<10	17	<10	10	<0.005
SH162564		<20	0.08	<10	<10	58	<10	44	<0.005
SH162565		<20	0.24	<10	<10	133	<10	63	<0.005
SH162566		<20	0.06	<10	<10	61	<10	43	<0.005
SH162567		<20	0.07	<10	<10	49	<10	30	<0.005



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CERTIFICATE OF ANALYSIS	VA08104557
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Sample Description	WEI-21 Recvd Wt. kg	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm
	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
SH162568	0.60	<0.2	1.50	3	<10	150	<0.5	<2	0.32	<0.5	7	33	24	2.28	10
SH162569	0.54	<0.2	2.21	3	<10	160	0.5	<2	0.42	<0.5	10	39	80	2.93	10
SH162570	0.58	<0.2	1.53	2	<10	230	<0.5	2	0.48	<0.5	8	33	37	2.22	<10
SH162571	0.66	<0.2	1.74	9	<10	130	<0.5	2	0.39	<0.5	9	41	33	2.73	<10
SH162572	0.68	<0.2	1.68	6	<10	170	<0.5	<2	0.64	<0.5	8	31	37	2.43	<10
SH162573	0.54	<0.2	1.45	2	<10	240	<0.5	<2	0.39	<0.5	7	27	15	2.16	<10
SH162574	0.62	<0.2	1.38	4	<10	160	<0.5	<2	0.35	<0.5	5	26	28	2.08	<10
SH162575	0.52	<0.2	1.72	5	<10	190	0.5	<2	0.35	<0.5	8	38	16	2.71	10
SH162576	0.52	<0.2	1.35	4	<10	150	<0.5	2	0.31	<0.5	7	29	19	2.19	<10
SH162577	0.54	<0.2	0.92	4	<10	180	<0.5	<2	1.37	<0.5	5	16	27	1.61	<10
SH162601	0.18	<0.2	0.80	2	<10	110	<0.5	<2	0.46	<0.5	3	12	16	1.10	<10
SH162602	0.34	<0.2	1.41	3	<10	140	<0.5	<2	0.41	<0.5	7	21	15	2.14	10
SH162603	0.34	<0.2	2.31	14	<10	210	0.5	2	0.70	<0.5	12	36	35	2.95	10
SH162604	0.42	<0.2	1.54	11	<10	190	0.5	<2	1.89	<0.5	17	19	53	4.89	<10
SH162605	0.64	<0.2	2.92	5	<10	280	0.5	<2	0.83	<0.5	13	24	33	3.50	10
SH162606	0.48	<0.2	1.16	8	<10	120	<0.5	<2	0.45	<0.5	8	27	23	2.48	<10
SH162607	0.68	<0.2	2.55	5	<10	180	<0.5	<2	0.77	<0.5	12	41	53	3.04	10
SH162608	0.50	<0.2	1.36	<2	<10	170	<0.5	2	0.74	<0.5	7	28	31	2.24	<10
SH162609	0.54	<0.2	1.56	5	<10	150	<0.5	2	0.87	<0.5	9	33	44	2.59	10
SH162610	0.50	<0.2	1.27	5	<10	160	<0.5	<2	1.02	<0.5	7	25	29	1.97	<10
SH162611	0.32	<0.2	1.45	5	<10	210	<0.5	<2	1.15	<0.5	9	29	48	2.13	<10
SH162612	0.50	<0.2	1.00	3	<10	100	<0.5	<2	0.63	<0.5	6	23	25	1.82	<10
SH162613	0.68	<0.2	2.42	7	<10	250	0.7	<2	0.48	<0.5	13	37	22	3.93	10
SH162614	0.56	0.2	2.12	9	<10	510	1.0	<2	0.39	<0.5	16	49	19	3.73	10
SH162615	0.60	<0.2	1.58	6	<10	290	<0.5	<2	0.38	<0.5	10	29	17	2.96	10
SH162616	0.40	<0.2	1.44	11	<10	330	0.5	<2	0.43	<0.5	11	31	52	2.97	<10
SH162617	0.50	<0.2	1.46	13	<10	320	0.6	<2	0.25	<0.5	11	33	18	2.86	<10
SH162618	0.56	<0.2	1.53	6	<10	360	0.6	<2	0.35	<0.5	11	50	14	2.88	10
SH162619	0.50	0.2	1.28	7	<10	360	<0.5	<2	0.31	<0.5	9	36	13	2.42	10
SH162620	0.54	<0.2	1.50	6	<10	580	0.6	<2	0.45	<0.5	11	32	13	2.75	10
SH162621	0.42	<0.2	1.46	9	<10	530	0.6	<2	0.46	<0.5	10	30	13	2.79	10
SH162622	0.42	0.2	1.30	9	<10	540	0.6	2	0.60	0.5	10	27	19	2.59	<10
SH162623	0.40	<0.2	1.49	5	<10	550	0.5	<2	0.40	<0.5	10	33	11	2.69	10
SH162624	0.44	<0.2	1.58	5	<10	580	0.7	<2	0.50	0.5	14	34	18	2.97	10
SH162625	0.44	<0.2	1.51	9	<10	540	0.5	<2	0.36	<0.5	8	32	9	2.73	<10
SH162626	0.48	<0.2	1.40	8	<10	470	0.5	<2	0.41	<0.5	9	31	7	2.69	<10
SH162627	0.40	<0.2	1.32	9	<10	570	0.5	<2	0.43	<0.5	10	29	15	2.68	<10
SH162651	0.48	<0.2	1.29	12	<10	300	0.6	<2	0.26	<0.5	10	34	16	2.67	<10
SH162652	0.44	<0.2	1.16	8	<10	280	<0.5	<2	0.49	<0.5	7	25	15	2.21	<10
SH162653	0.46	0.2	1.85	10	<10	700	0.9	2	0.40	<0.5	15	44	10	3.53	10



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220 - 17010 103RD AVE.  
EDMONTON AB T5S 1K7

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CERTIFICATE OF ANALYSIS	VA08104557
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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Te
	Units LOR	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	10
SH162568		1	0.06	10	0.41	203	1	0.02	16	250	4	<0.01	<2	3	21	<10
SH162569		<1	0.06	10	0.72	321	1	0.01	25	370	4	<0.01	<2	6	22	<10
SH162570		<1	0.06	10	0.44	439	1	0.02	20	380	5	<0.01	<2	3	32	<10
SH162571		1	0.10	10	0.56	236	1	0.02	23	350	4	<0.01	<2	6	33	<10
SH162572		<1	0.05	10	0.48	259	<1	0.02	18	270	5	<0.01	<2	6	35	<10
SH162573		<1	0.06	10	0.35	271	<1	0.02	14	480	5	<0.01	<2	3	25	<10
SH162574		<1	0.07	10	0.35	180	1	0.03	13	190	4	<0.01	<2	3	24	<10
SH162575		<1	0.13	10	0.45	219	1	0.02	19	260	7	<0.01	<2	6	23	<10
SH162576		<1	0.10	10	0.38	182	1	0.02	16	270	6	<0.01	<2	4	23	<10
SH162577		<1	0.04	10	0.35	973	1	0.05	13	510	3	0.03	<2	2	86	<10
SH162601		<1	0.07	<10	0.19	226	1	0.05	7	240	2	<0.01	<2	2	25	<10
SH162602		<1	0.09	10	0.33	433	1	0.02	11	450	4	<0.01	<2	3	24	<10
SH162603		1	0.11	10	0.62	653	1	0.02	23	610	7	0.01	<2	8	41	<10
SH162604		<1	0.15	10	0.41	1200	1	0.01	18	750	4	0.04	2	19	54	<10
SH162605		<1	0.16	10	0.86	1040	1	0.01	15	540	2	0.02	<2	10	35	<10
SH162606		<1	0.16	10	0.46	310	1	0.02	18	760	5	<0.01	<2	5	35	<10
SH162607		<1	0.15	10	0.78	587	1	0.02	29	360	4	<0.01	<2	9	39	<10
SH162608		<1	0.09	10	0.47	320	1	0.02	18	410	5	<0.01	<2	5	45	<10
SH162609		<1	0.07	10	0.69	352	1	0.02	23	670	4	<0.01	<2	7	47	<10
SH162610		1	0.05	10	0.50	278	1	0.03	19	560	4	0.01	<2	4	50	<10
SH162611		<1	0.05	10	0.51	339	1	0.02	24	630	4	0.02	<2	4	52	<10
SH162612		<1	0.03	10	0.48	241	1	0.04	18	410	2	<0.01	<2	4	33	<10
SH162613		<1	0.06	10	0.74	481	1	0.01	23	1270	5	<0.01	<2	7	35	<10
SH162614		<1	0.09	20	0.54	520	1	0.01	49	760	10	<0.01	<2	6	30	<10
SH162615		<1	0.13	10	0.46	412	4	0.01	19	240	6	<0.01	<2	5	28	<10
SH162616		<1	0.11	10	0.57	336	3	0.01	34	920	8	<0.01	<2	4	32	<10
SH162617		<1	0.10	10	0.49	234	1	<0.01	29	280	8	<0.01	<2	5	20	<10
SH162618		<1	0.13	10	0.46	345	1	<0.01	31	1190	7	<0.01	<2	4	25	<10
SH162619		<1	0.06	10	0.41	637	2	<0.01	25	380	8	<0.01	<2	3	23	<10
SH162620		<1	0.05	10	0.41	843	1	0.01	26	470	9	<0.01	<2	4	35	<10
SH162621		<1	0.05	10	0.41	616	2	0.01	23	530	10	<0.01	<2	4	36	<10
SH162622		<1	0.06	10	0.42	613	1	0.01	24	720	9	<0.01	2	4	42	<10
SH162623		<1	0.05	10	0.40	711	2	0.01	22	490	8	<0.01	<2	3	33	<10
SH162624		<1	0.04	10	0.42	1140	1	0.01	32	630	8	<0.01	<2	4	37	<10
SH162625		<1	0.04	10	0.42	317	2	<0.01	24	450	11	<0.01	<2	3	27	<10
SH162626		<1	0.08	10	0.40	557	1	<0.01	21	560	10	<0.01	<2	3	31	<10
SH162627		1	0.08	10	0.41	856	1	0.01	25	760	9	<0.01	<2	4	35	<10
SH162651		1	0.09	10	0.38	254	1	<0.01	29	570	9	<0.01	<2	4	19	<10
SH162652		<1	0.07	10	0.44	297	1	0.01	20	770	7	<0.01	<2	4	39	<10
SH162653		<1	0.08	10	0.55	934	1	0.01	42	1240	9	<0.01	<2	5	35	<10



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



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## CERTIFICATE OF ANALYSIS VA08104557

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



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



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



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Method Analyte Units LOR	WEI-21 Recvd Wt. kg	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm
Sample Description	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
TH162740	0.64	0.5	1.55	159	<10	110	1.6	2	0.96	5.3	25	79	166	2.98	<10
TH162741	0.40	0.7	1.61	152	<10	80	1.9	<2	0.93	3.6	20	94	158	2.81	10
TH162742	0.40	0.4	1.75	75	<10	170	0.6	<2	0.92	1.5	13	52	75	2.89	10
TH162743	0.78	0.9	1.45	211	<10	90	1.1	3	0.68	2.9	17	40	144	3.64	10
TH162744	0.40	0.7	1.76	135	<10	70	1.6	3	0.54	1.4	9	24	214	2.73	10
TH162745	0.28	0.6	0.80	75	<10	170	0.5	<2	0.52	1.0	3	18	181	2.10	<10
TH162746	0.48	0.8	1.33	228	<10	120	<0.5	5	0.27	0.9	6	37	88	3.34	10
TH162747	0.32	1.0	1.18	138	<10	60	<0.5	<2	0.43	0.8	4	21	60	2.12	<10
TH162748	0.30	1.9	1.04	750	<10	60	0.5	2	0.76	2.3	8	19	58	3.10	<10
TH162749	0.62	5.9	1.38	1760	<10	70	0.8	4	0.79	8.0	11	21	113	4.66	<10
TH162750	0.38	3.7	1.45	492	<10	60	1.1	2	1.12	13.6	31	20	70	3.41	10
TH165472	0.56	<0.2	0.76	10	<10	150	<0.5	<2	0.74	<0.5	7	24	24	2.23	<10
TH165473	0.60	<0.2	0.87	10	<10	190	<0.5	<2	0.81	<0.5	7	24	22	2.18	<10
TH165474	0.52	<0.2	0.80	6	<10	170	<0.5	<2	0.84	<0.5	6	22	19	1.92	<10
TH165475	0.50	<0.2	0.72	6	<10	160	<0.5	<2	0.81	<0.5	6	18	14	1.68	<10



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<b>CERTIFICATE OF ANALYSIS</b>	<b>VA08104557</b>
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Method Analyte Units LOR	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm	ME-ICP41 Te ppm
Sample Description	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	10
TH162740	<1	0.10	40	0.72	675	4	0.02	76	720	60	0.14	3	5	49	<10
TH162741	<1	0.09	40	0.80	401	4	0.02	77	710	58	0.12	2	4	50	<10
TH162742	<1	0.13	20	0.82	430	<1	0.02	35	550	21	0.05	<2	4	48	<10
TH162743	1	0.13	30	0.70	360	10	0.03	31	730	68	0.19	3	5	38	<10
TH162744	<1	0.07	50	0.35	192	7	0.02	16	620	60	0.17	4	4	30	<10
TH162745	<1	0.06	40	0.23	78	1	0.02	11	680	57	0.17	<2	3	32	<10
TH162746	<1	0.21	20	0.53	132	2	0.03	19	560	100	0.25	4	4	73	<10
TH162747	<1	0.05	20	0.36	110	<1	0.01	10	680	58	0.11	2	3	28	<10
TH162748	<1	0.06	20	0.41	282	<1	0.02	11	740	234	0.09	6	3	46	<10
TH162749	<1	0.07	30	0.50	526	1	0.02	15	770	423	0.10	15	4	54	<10
TH162750	<1	0.06	20	0.44	1385	<1	0.02	19	830	169	0.14	10	3	63	<10
TH165472	<1	0.07	10	0.46	324	<1	0.02	17	970	3	0.01	<2	3	41	<10
TH165473	<1	0.07	10	0.49	354	<1	0.02	18	830	3	0.01	<2	3	48	<10
TH165474	1	0.06	10	0.44	323	<1	0.02	16	870	4	0.02	<2	3	52	<10
TH165475	<1	0.05	10	0.45	252	<1	0.02	15	750	3	0.01	<2	3	45	<10



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Method Analyte Units LOR	ME-ICP41 Th ppm	ME-ICP41 Ti %	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm	ME-ICP41 Zn ppm	Au-AA23 Au ppm
Sample Description	20	0.01	10	10	1	10	2	0.005
TH162740	<20	0.05	<10	<10	39	<10	367	0.156
TH162741	<20	0.04	<10	<10	35	<10	305	0.481
TH162742	<20	0.07	<10	<10	49	<10	91	0.018
TH162743	<20	0.05	<10	<10	44	<10	211	0.268
TH162744	<20	0.04	<10	<10	31	<10	112	0.433
TH162745	<20	0.03	<10	<10	21	<10	45	0.066
TH162746	<20	0.06	<10	<10	48	<10	133	0.147
TH162747	<20	0.04	<10	<10	32	<10	67	0.096
TH162748	<20	0.03	<10	<10	35	<10	181	0.096
TH162749	<20	0.03	<10	<10	44	<10	355	0.229
TH162750	<20	0.03	<10	10	39	<10	491	0.118
TH165472	<20	0.06	<10	<10	54	<10	47	<0.005
TH165473	<20	0.06	<10	<10	49	<10	49	0.024
TH165474	<20	0.06	<10	<10	44	<10	51	<0.005
TH165475	<20	0.06	<10	<10	37	<10	42	0.005



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## CERTIFICATE VA08127560

Project: Sonora

P.O. No.:

This report is for 11 Rock samples submitted to our lab in Vancouver, BC, Canada on 8-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
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
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE

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 VA08127560

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 894341		0.52	0.399	14.6	1.48	<2	<10	40	<0.5	14	1.49	<0.5	12	93	>10000	2.63
RH 894143		1.56	<0.005	<0.2	0.87	<2	<10	50	<0.5	<2	0.06	<0.5	1	6	35	0.41
RH 894144		0.92	<0.005	0.2	0.13	<2	<10	10	1.2	<2	12.60	<0.5	23	21	189	2.85
RH 894145		1.42	<0.005	<0.2	1.17	5	<10	30	<0.5	<2	0.07	<0.5	<1	8	6	0.40
RH 894146		0.54	<0.005	<0.2	0.11	<2	<10	20	1.9	<2	14.0	<0.5	21	31	29	3.57
RH 894147		0.88	<0.005	<0.2	0.17	<2	<10	20	2.1	<2	12.60	<0.5	18	40	11	3.31
RH 894148		1.06	<0.005	<0.2	0.81	27	<10	170	1.4	<2	0.71	<0.5	14	28	195	3.24
RH 894150		1.14	<0.005	<0.2	1.28	4	<10	490	1.8	<2	0.94	<0.5	21	11	52	4.64
RH 894398		1.26	1.335	3.7	0.27	2620	<10	620	<0.5	<2	0.05	<0.5	<1	14	58	1.74
RH 894399		1.46	<0.005	<0.2	0.08	12	<10	30	<0.5	<2	0.08	<0.5	1	23	6	0.42
RH 894400		1.26	0.009	0.2	0.30	98	<10	3230	<0.5	<2	0.07	<0.5	4	21	25	1.54



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Method Analyte Units LOR	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm
Sample Description	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
RH 894341	<10	<1	0.10	<10	1.48	338	5	0.11	17	1250	5	0.01	2	10	135
RH 894143	<10	<1	0.12	10	0.06	44	<1	0.01	3	50	3	<0.01	<2	1	17
RH 894144	<10	<1	0.01	<10	8.07	967	1	0.02	122	100	3	<0.01	<2	5	252
RH 894145	<10	<1	0.02	<10	0.05	32	<1	<0.01	3	30	2	<0.01	<2	<1	21
RH 894146	<10	<1	0.01	<10	9.06	1025	1	0.03	105	190	2	<0.01	<2	17	321
RH 894147	<10	<1	0.01	<10	7.92	970	<1	0.03	74	200	7	<0.01	<2	14	333
RH 894148	<10	<1	0.21	20	0.17	767	3	0.04	41	2490	16	0.02	<2	8	35
RH 894150	<10	<1	0.30	10	0.35	852	<1	0.04	31	2570	14	<0.01	<2	9	72
RH 894398	<10	<1	0.32	10	0.03	44	1	0.01	1	190	61	0.45	29	4	13
RH 894399	<10	<1	0.03	<10	0.03	33	<1	0.01	3	140	3	<0.01	<2	<1	4
RH 894400	<10	<1	0.18	<10	0.03	183	7	<0.01	43	540	25	0.09	6	2	26



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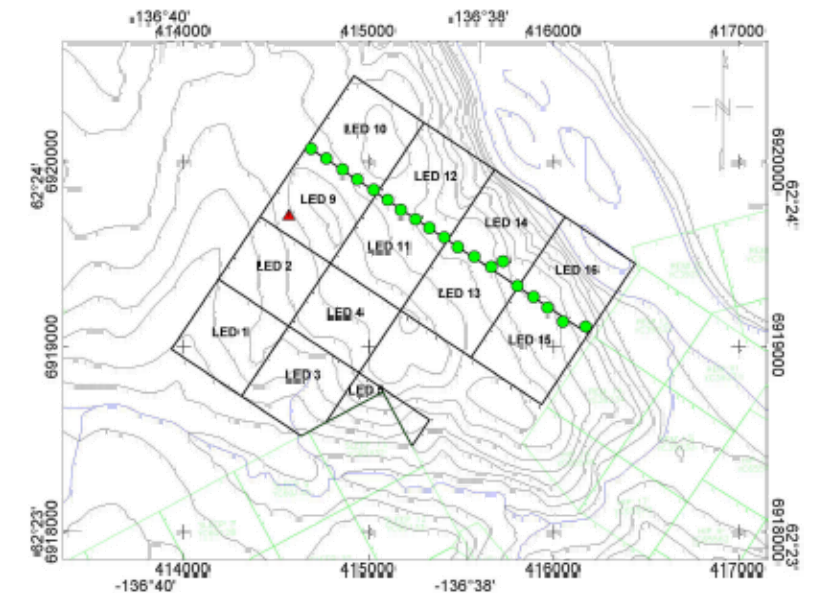
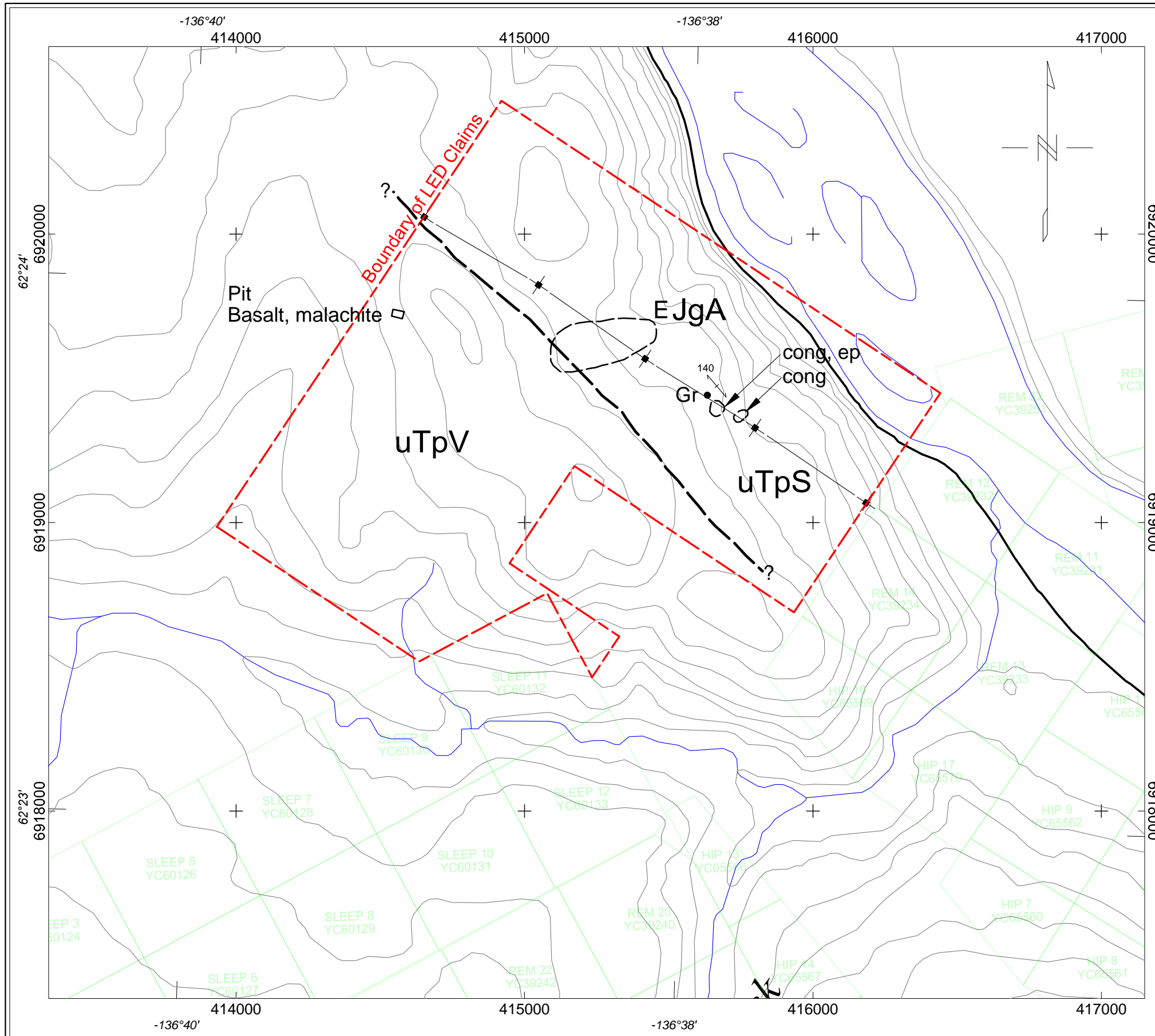
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Method Analyte Units LOR	ME-ICP41 Te ppm 10	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Cu-OG46 Cu % 0.01
RH 894341	<10	<20	0.20	<10	<10	107	<10	27	1.74
RH 894143	<10	<20	<0.01	<10	<10	4	<10	3	
RH 894144	<10	<20	<0.01	<10	<10	33	<10	24	
RH 894145	<10	<20	<0.01	<10	10	2	<10	<2	
RH 894146	10	<20	<0.01	<10	10	131	<10	34	
RH 894147	<10	<20	<0.01	<10	<10	118	<10	40	
RH 894148	<10	<20	0.01	<10	<10	145	<10	49	
RH 894150	<10	<20	0.03	<10	<10	168	<10	83	
RH 894398	<10	<20	<0.01	<10	<10	13	<10	6	
RH 894399	<10	<20	<0.01	<10	<10	3	<10	<2	
RH 894400	<10	<20	<0.01	<10	<10	80	<10	99	



**LEGEND**

Lower Cretaceous : Aishihik Suite

**EJgA** Medium grained biotite-hornblende granite to granodiorite, commonly gneissic and foliated. Noted in soil pits only.

Upper Triassic : Povoas Formation

**uTpS** Clastic seds, locally coarse conglomerate with clasts to boulder size

**uTpV** Basaltic to andesite flows and tufts, commonly foliated

**ABBREVIATIONS**

congl Conglomerate

ep Epidote

Gr Granite

**SYMBOLS**

↖ 120 Strike and dip of Foliation (vertical foliation)

--- Geological contact

- - - Outcrop boundary

□ Pit

---+--- Claim line with posts, known location

- - - LED claim block boundary

● Fragment lithology in soil pit

--- Claims owned by others

Scale 1:15000

250 0 250 500 750 (metres)

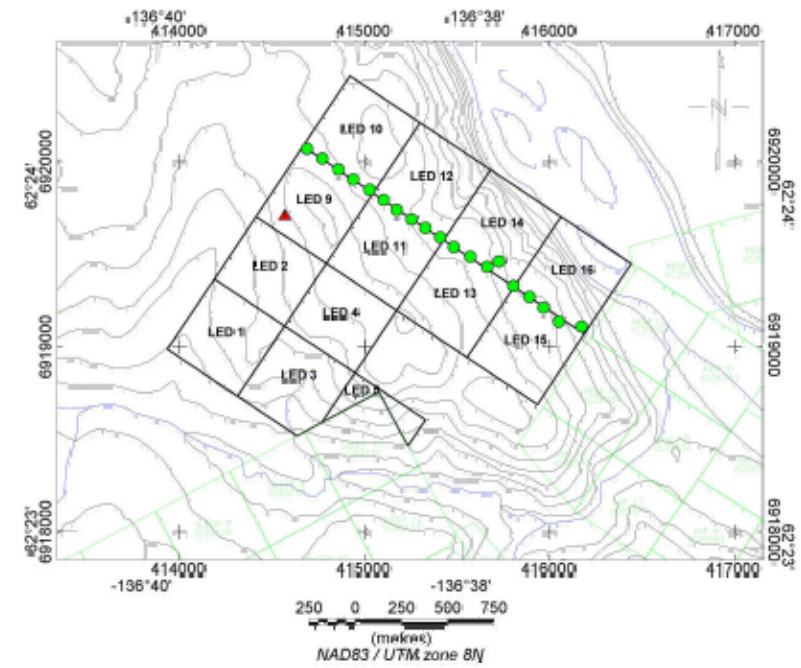
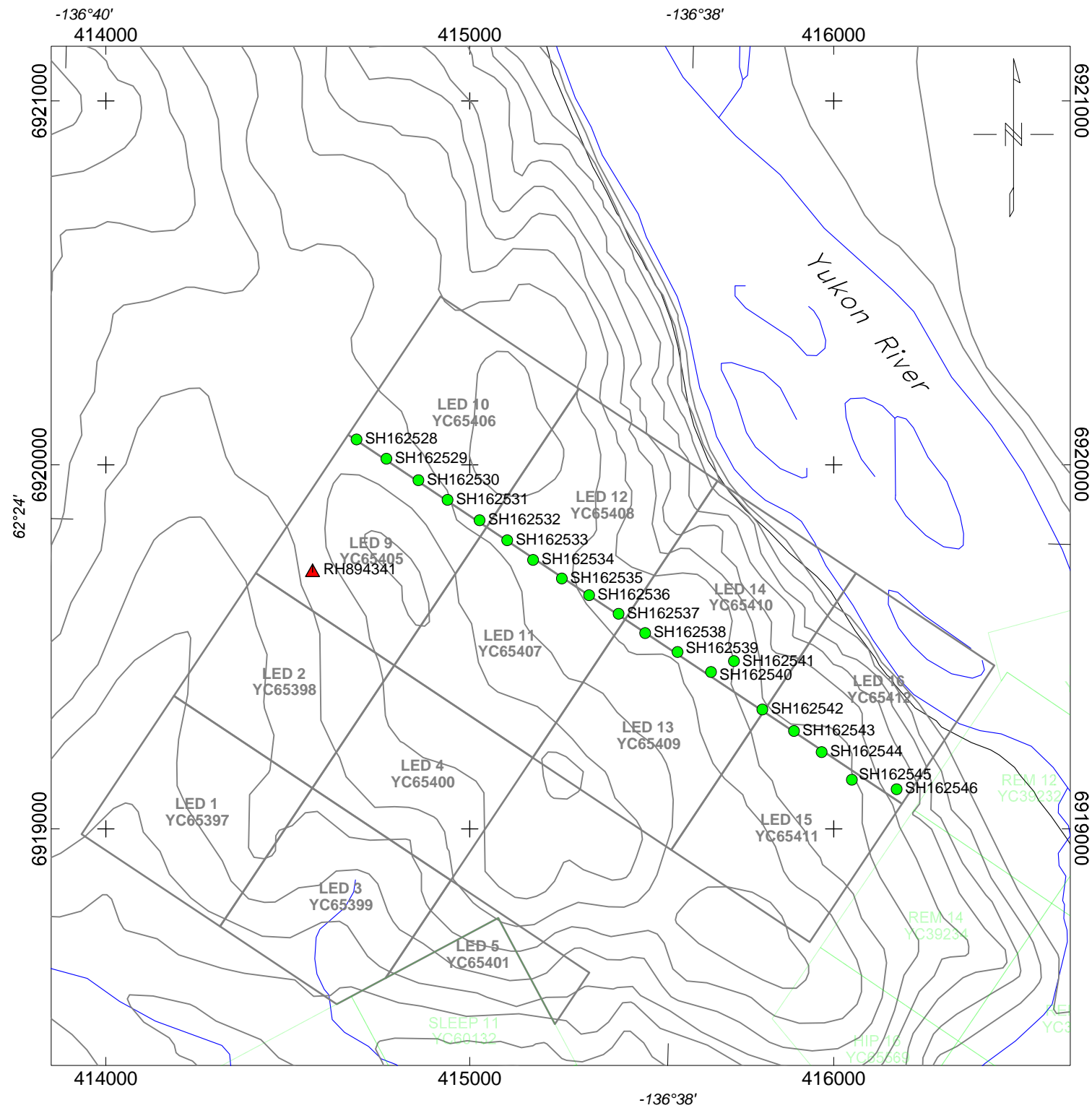
**Northern Tiger Resources Inc.**

**LED CLAIMS GEOLOGY MAP MAP 1**

NTS: 115 I/07  
Datum: NAD 83  
Date: 16 Dec 08

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

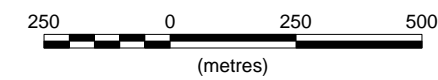
**Stewart Basin Exploration**



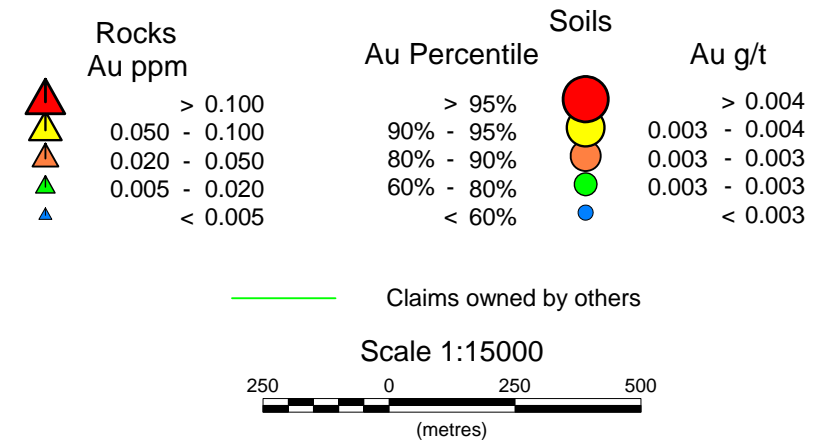
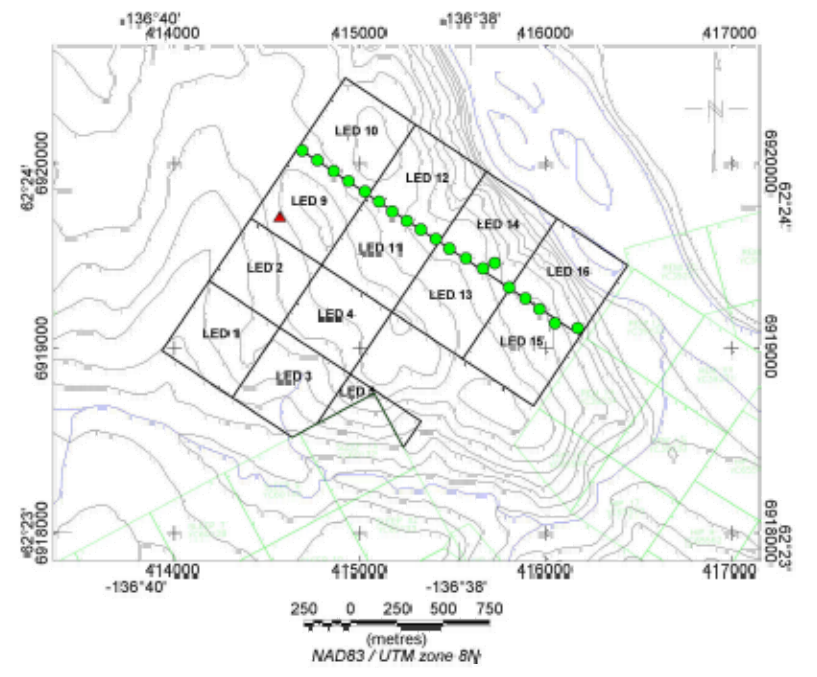
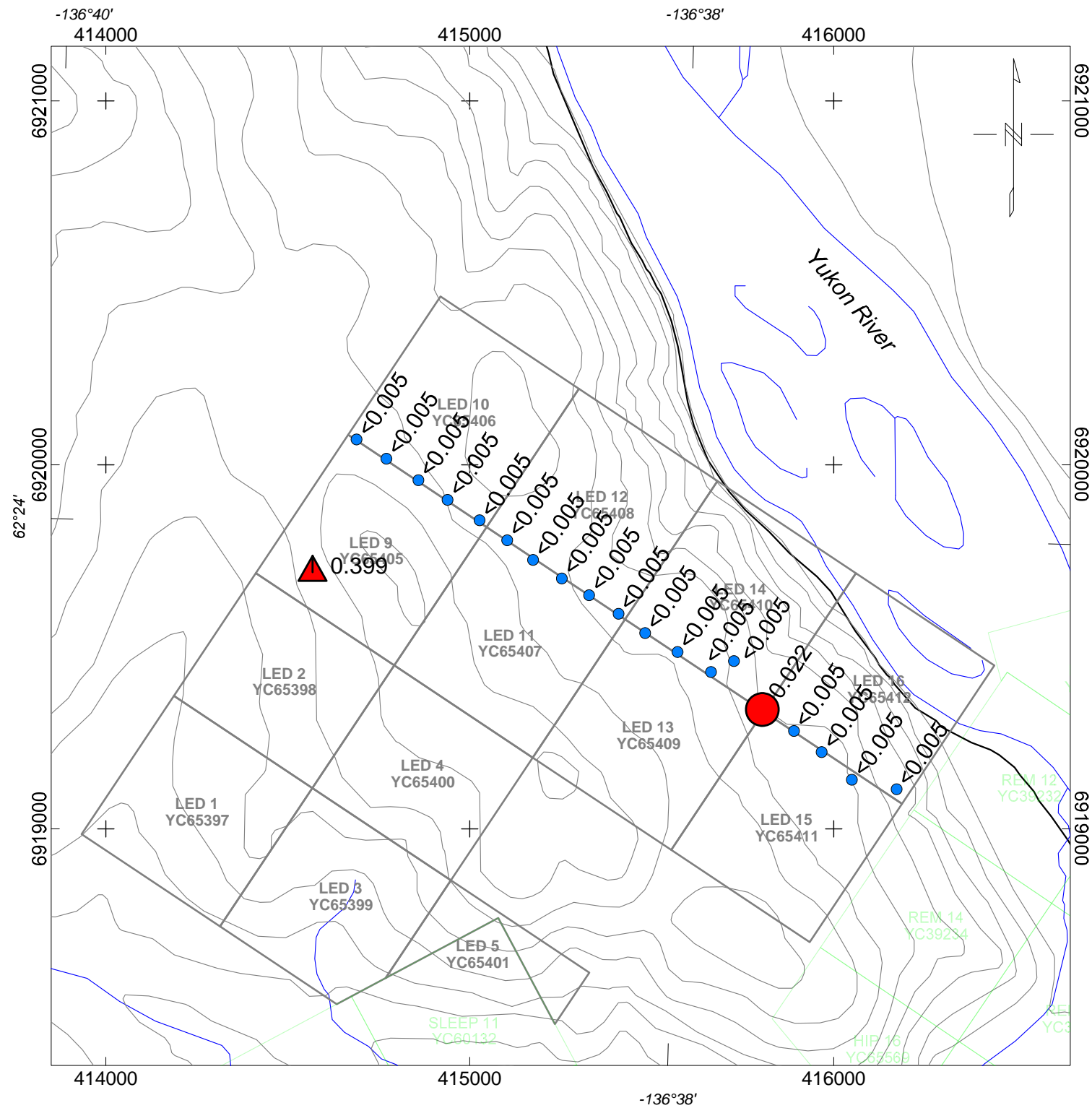
**LEGEND**

- Soil Sample
- ▲ Rock Sample
- Claims owned by others

Scale 1:15000



<b>Northern Tiger Resources Inc.</b>	
<b>LED CLAIMS ROCK &amp; SOIL SAMPLE LOCATION MAP MAP 2</b>	
NTS: 115 I/07 Datum: NAD 83 Date: 16 Dec 08	Mining District: Whitehorse Projection: UTM Zone 8 Drawn by: HDS
<b>Stewart Basin Exploration</b>	



**Northern Tiger Resources Inc.**

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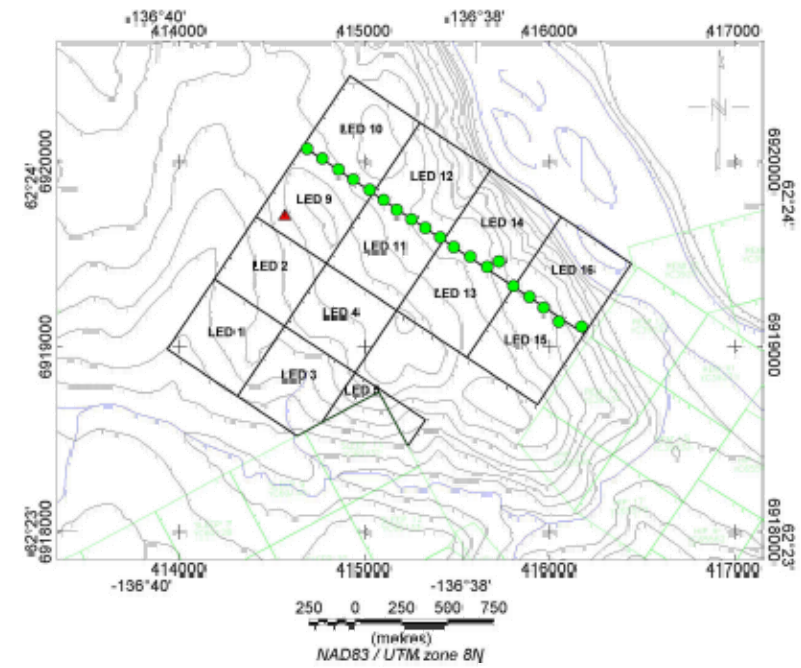
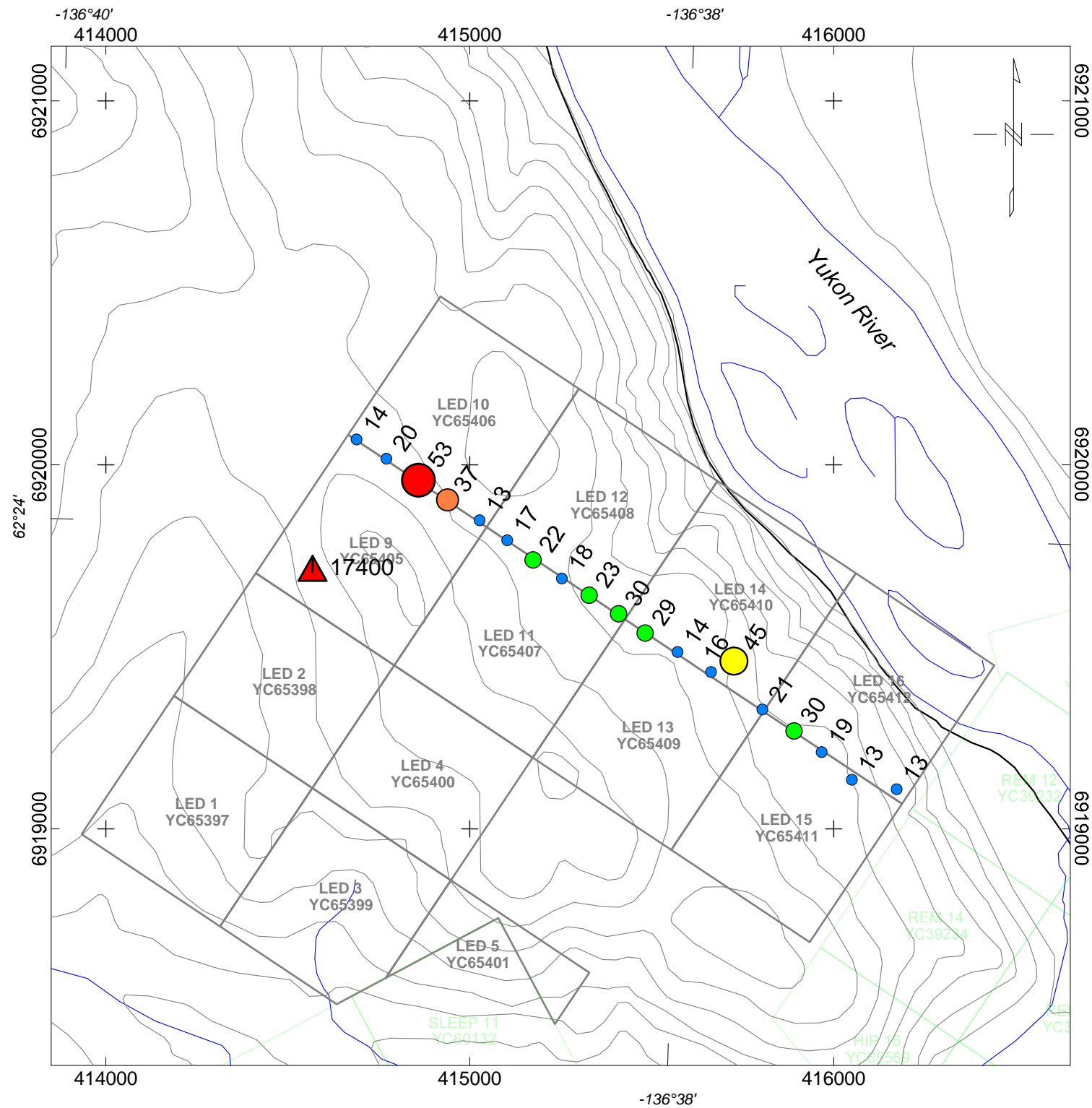
**LED CLAIMS  
ROCK & SOIL SAMPLE MAP, GOLD VALUES  
MAP 3**

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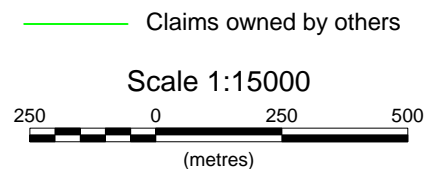
NTS: 115 I/07 Datum: NAD 83 Date: 16 Dec 08	Mining District: Whitehorse Projection: UTM Zone 8 Drawn by: HDS
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**Stewart Basin Exploration**



Rocks		Soils	
Cu ppm	Symbol	Cu Percentile	Cu ppm
> 100	Red Triangle	> 95%	Red Circle
50 - 100	Yellow Triangle	90% - 95%	Yellow Circle
25 - 50	Orange Triangle	80% - 90%	Orange Circle
10 - 25	Green Triangle	60% - 80%	Green Circle
< 10	Blue Triangle	< 60%	Blue Circle



<b>Northern Tiger Resources Inc.</b>	
<b>LED CLAIMS ROCK &amp; SOIL SAMPLE MAP, COPPER VALUES MAP 4</b>	
NTS: 115 I/07 Datum: NAD 83 Date: 16 Dec 08	Mining District: Whitehorse Projection: UTM Zone 8 Drawn by: HDS
<b>Stewart Basin Exploration</b>	