YMIP Technical Report

on the

Tally Ho SW Project

Whitehorse Mining District

Mapsheets 105D03

Center of Work:

Latitude 60°0'12" N, Longitude 134°56'51" W

Prepared for:

Copper Canyon Resources Ltd.

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Summary

This report highlights the results of a 2009 Focused Regional YMIP exploration program. The Tally Ho SW target area, located 20 kilometers southwest of Carcross, Yk, was selected for its gold, silver and base metal potential hosted in rock assemblages along the promising Tally Ho/Llewellyn fault system. Exploration work occurred between June 27 and July 3, 2009, from a boat accessed field camp on Bennett Lake, with a one day traverse assisted by helicopter. Total 2009 YMIP applicable expenditures were $30,107.73.

The Tally Ho shear zone (THSZ) is a 40-km-long zone of highly strained rocks along the western margin of the Whitehorse Trough in southern Yukon. Regionally mapped rock units in the target area include upper Permian to Triassic foliated and hornfelsed volcanic schists of the Takhini Formation (uPT), and augite and feldspar phyric intermediate to mafic volcanic flow units of the Povoas Formation (uTrP). Lower to Middle Jurassic overlap assemblage rocks of the Laberge Group (JL) outcrop near the BC border on the east flank of Bennett Mountain. At least 3 younger volcanic units also outcrop in the target area: Middle Cretaceous Mount Nansen (mKN) dark green to grey andesite; Upper Cretaceous Carmacks (uKC1) augite olivine basalt breccia, andesite and dacite flows and related epiclastics; and Lower Eocene Skukum (IES1) flow banded rhyolite-andesite flows and breccia, tuff and related epiclastic rocks. Intrusive rocks in the target area include middle Jurassic monzodiorite to quartz monzodiorite of the Bennett Pluton (MJgB), followed by leucocratic granite, granodiorite and monzonite of the early Tertiary Pennington Pluton (ETqN).

Work on the property in 2009 included prospecting/mapping, rock, stream and soil geochemistry. The purpose of the program was to assess historically identified mineralization in shear zones and along contacts between the various intrusive, volcanic, and sedimentary rocks which comprise the Finger Showing area.

Mineralization noted in 2009 was abundant in float and outcrop in creeks of the two southern drainages, with mineralization found in all 4 rock units in the area. Galena and pyrite are found in shear zones in the granite pluton. The rhyolite plug is highly hornfelsed and goassanous with disseminated pyrite, pyrrhotite and trace chalcopyrite. The argillites of the Laberge Group are also hornfelsed with disseminated pyrite and pyrrhotite. There is extensive propylitic alteration within the volcaniclastic rhyolite unit (IES1), and locally within the granite (ETqN). Shear zones were located within the rhyolite unit with brecciated sphalerite and associated magnetite.

A total of 28 rock samples of various lithologies were collected from the Tally Ho SW target area in 2009. The best sample returned 1160 ppb Au from a brownish recrystallized fine grained granite with disseminated pyrite, within an alteration/shear system. The highest metal values returned from other individual rock samples were 1395 ppm Cu, 6373 ppm Zn, 6.7 ppm Ag, and 204 ppm Pb. The historic pits that contained the anomalous silver values were not located during this program.

Two notable soil geochemical anomalies are highlighted in the 2009 results:

1) A Cu-Pb-Zn with spotty Au anomaly is apparent between the two tributaries high in the south map area with increasing base metal contents towards the southernmost creek.
2) A slightly elevated silver and basemetal soil anomaly is associated with the granite/rhyolite contact at the north end of soil line THL003.

In the north property area, the one soil geochemical line failed to outline a significant mineralized structure; however, escalating Pb at the southern limit of the soil line and the anomalous background and spotty high stream-silt results in the southernmost drainage, indicate mineralization potential associated within this drainage, particularly above the confluence at 3350 ft AMSL.

Future work should be directed towards a detailed mapping and sampling of the various shear zones. Detailed prospecting and grid based mapping should be employed, assisted by ground based geophysical surveys.

A review of BC datasets just south of the Finger showing, also indicates promising geology, structure and RGS results. As such, prospecting programs are highly recommended south of the Finger showing along the trace of the Tally Ho/Llewellyn fault system, on both flanks of the Bennett Mountain Range. Particular emphasis should be on contacts and structures associated with the Boundary Range Metamorphic suite with the Laberge Group sediments, and various granitoids.

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INTRODUCTION

This report highlights the results of a 2009 Focused Regional YMIP exploration program. The Tally Ho SW target area, located 20 kilometers southwest of Carcross, YT, was selected for its gold, silver and base metal potential hosted in rock assemblages along the promising Tally Ho/Llewellyn fault system. Exploration work occurred between June 27 and July 3, 2009, from a boat accessed field camp on Bennett Lake, with a one day traverse assisted by helicopter. Total 2009 YMIP applicable expenditures were $30,107.73.

Location and Access

The Tally Ho SW target is located within the Whitehorse mining district, just north of the BC/Yukon border, approximately 20 kilometers west of Carcross and 70 km south of Whitehorse. The target is found on NTS map sheet 105D03, centred on 60°5'N, 135°1'W, in the Bennett Mountain Range, south of Finger Mountain. There is one active claim group within the target area: the Black Lake claim group, in the southern portion of the target area, is held by Larry Bratvold out of Tagish, YT. The target area is partly surrounded to the east by unsurveyed rural lands of the Carcross/Tagish First Nations.

Access to the target area in 2009 was by boat from Carcross, and by helicopter based out of Whitehorse. Water taxi support was provided by Up North Adventures out of Whitehorse, and involved a 20 kilometer one-way trip SW of Carcross into the south arm of Bennett Lake. A camp was set up on the western shore of the lake, at 505390E, 6652750N. Work was completed out of the camp for 3 of the days, with one addional day of helicopter supported traverses.


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Tally Ho Project
Figure 1 - Project Location
Projection - NAD 83 UTM Zone 08N
Scale - 1: 5,000,000
09/02/2010
Canada
N
Legend
YMIP Target
Town
River
Road
Territorial Border
Lakes
140°0'0"W
135°0'0"W
130°0'0"W
125°0'0"W
120°0'0"W
70°0'0"N
65°0'0"N
60°0'0"N
Alaska (USA)
Vuntut National Park
Eagle Plains
Dempster Highway
Yukon
Territory
Northwest Territories
Dawson City
Keno Hill
Mayo
Faro
Road
Beaver Creek
Carmacks
Klondike Highway
Ross River
Canol
Tungsten
Haines Junction
Kluane National Park
Alaska Highway
Whitehorse
Johnsons Crossing
Watson Lake
Tally Ho
Carcross
British Columbia
0 50 100 150 200 250
Kilometers

GEOLOGICAL

Regional Geology Description

The Tally Ho shear zone (THSZ) is a 40-km-long zone of highly strained rocks along the western margin of the Whitehorse Trough in southern Yukon, first recognized by Hart and Radloff (1990). The deformed belt of rocks is 3 km wide and separates the Stikine Terrane to the east from Nisling Assemblage rocks of the Yukon-Tanana Terrane to the west. In the Yukon, western Stikinia includes the Upper Paleozoic Takhini assemblage and the Upper Triassic to Lower Jurassic Lewes River and Laberge Groups of the Whitehorse Trough.

The Rocks of the Tally Ho shear zone are mainly part of the Upper Triassic Lewes River Group (Wheeler, 1961; Hart and Radloff, 1990). Regionally, the Lewes River Group consists of dominantly volcanic Povoas formation overlain by sedimentary Aksala formation (Hart, 1997). The Pavoas formation is correlative to the British Columbia equivalent Stuhini formation, and together they form the Lewes River Arc (Hart, 1997). The area is crosscut by numerous Jurassic, Cretaceous and Eocene intrusive bodies. Post kinematic granitoids dated at 173 Ma provide a lower age limit of deformation along the THSZ (Tizzard and Johnson, 2005).

The THSZ is structurally overprinted by the younger Llewellyn fault zone (LFZ) which extends southwards into BC (Tizzard and Johnson, 2005). In the Taku arm area west of Atlin, the LFZ marks but is not constrained to a major tectonic boundary between units of the Whitehorse Trough to the east, and the Boundary Ranges metamorphic suite to the west (Mihalynuk, 1999). Splay faults of the LFZ cutting through Jurrasic sediments of the Laberge Group and Triassic volcanics of the Stuhini group are host to a number of important mineral deposits including the Engineer Mine, and Rupert Showings. Tertiary intrusives are also associated with Au in quartz-calcite veins at the Ben-my-Chree and Titan showing, with the latter also associated with Mo-Cu "porphyry" style mineralization. The Boundary Ranges metamorphic suite is host to precious and base metal quartz vein mineralization at the Gridiron and Bighorn mines.

Local Geology

Regionally mapped rock units in the target area (Figure 2) include upper Permian to Triassic foliated and hornfelsed volcanic schists of the Takhini Formation (uPT), and augite and feldspar phyric intermediate to mafic volanic flow units of the Povoas Formation (uTrP). Lower to Middle Jurrasic overlap assemblage rocks of the Laberge Group (JL) outcrop near the BC border on the east flank of Bennett Mountain. At least 3 younger volcanic units also outcrop in the target area: middle Cretaceous Mount Nansen (mKN) dark green to grey andesite; upper Creatceous Carmacks (uKC1) augite olivine basalt breccia, andesite and dacite flows and related epiclastics; and lower Eocene Skukum (IES1) flow banded rhyolite-andesite flows and breccia, tuff and related epiclastic rocks.

Intrusive rocks in the target area include the most voluminous unit: middle Jurassic monzodiorite to quartz monzodiorite of the Bennet Pluton (MJgB), followed by leucocratic granite, granodiorite and monzonite of the early Tertiary Pennington Pluton (ETqN).

Mineralization History

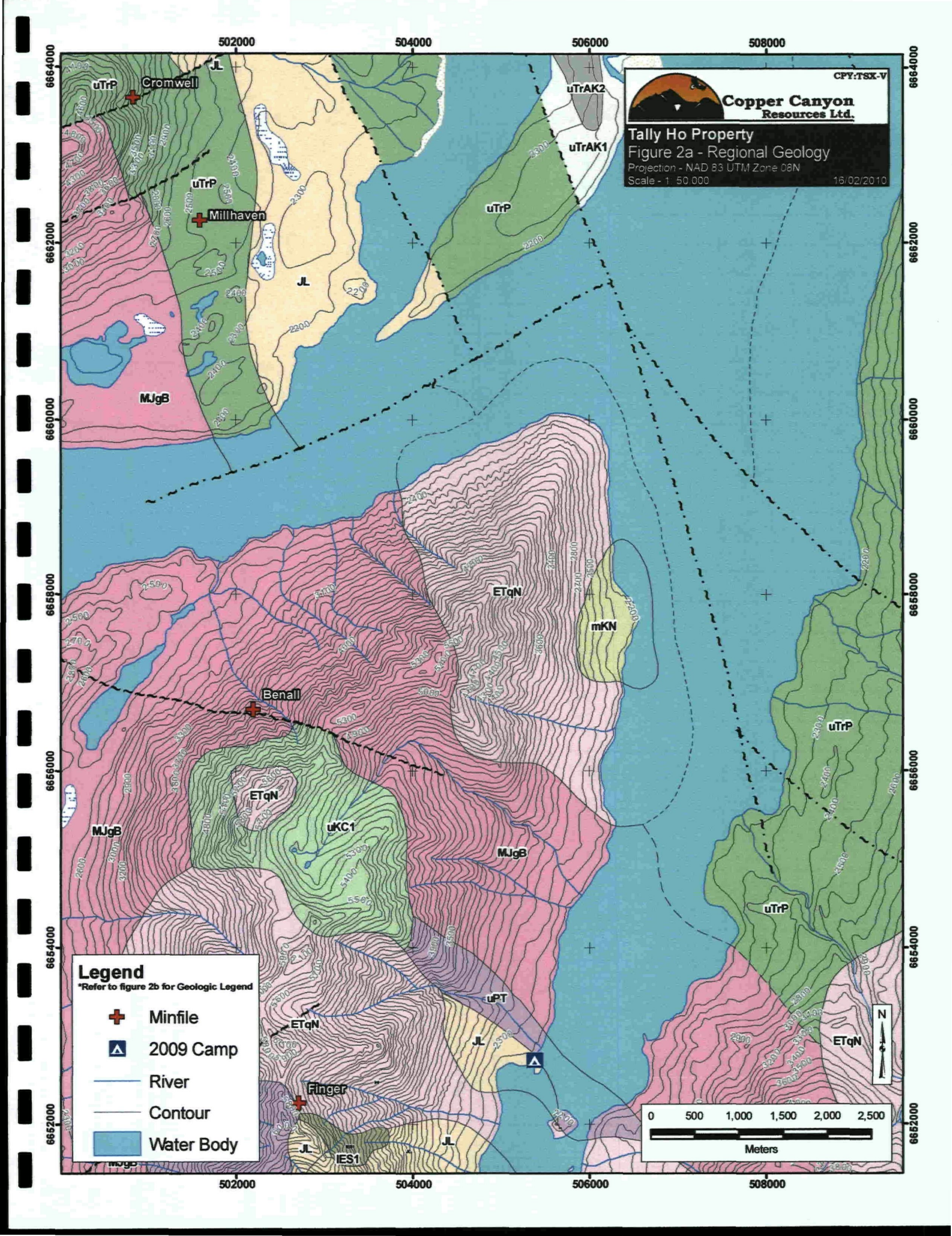
Prevous work by Rushant (AR 093243, 092893, 092848) at the Finger claims noted mineralization along a 300 meter shear zone that included galena, sphalerite, pyrite and chalcopyrite hosted in sheared felsic to andesitic volcanics. The mineralization occurs as stringers and disseminations in a khaki coloured propylite made up of actinolite, chlorite and epidote; and as disseminations and blebs in sheared, carbonatized, felsic to andesitic rock of fine to brecciated texture. Magnetite is observed in a variety of rock types, but is reported diminished in the sheared zone.

Historical descriptions of the shear structure are vague, but the main structure of interest is reported as trending Az040 for approximately 600 meters (Rushant, 1995). At least 16 hand pits were excavated over approximately 300 meteres of the identified shear zone noted above.

A north-trending shear zone uncovered on Scout # 1 claim cuts across the property and is probably associated with the Tally Ho Shear Zone. The shear contains numerous zones of quartz-calcite veining with propylitic and argillic alteration. These zones range up to 2.0 m wide but are generally less than 0.5 m. Four samples of this material contained over 100 ppb Au, the highest assay being 400 ppb Au. Silver values ran as high as 22 ppm, and Pb values as high as 1562 ppm (AR092848).

A second north-trending structure cutting metavolcanic rocks on the Scout # 9 claim was found to host a quartz-sulphide breccia zone up to 0.6 m wide. A chip sample across the structure returned 1.47% Zn, 0.38% Pb and 47.9 ppm Ag over 0.6 m. A chip sample across 2 m of silicified granite assayed 208 ppb Au (AR 092893).

The 1994 work was centred around a previously discovered north-trending structure (AR 092893) located on Scout cl 9, however the 1994 sample map places the structure on the opposite (southwest) side of the claim. Regardless of the exact location of the structure, the assay results were similar to those recorded in 1989, with the best assay returning 279.3 g/T Ag, 0.42 % Cu, 1.47 % Pb and 1.37 % Zn (AR 093243). The NE and SW exposed limits of the main 040-trending shear are further obscurred by talus and scree. Rushant (1995) reccomended additional geochemical and geophysical surveys along strike, surveys which were never carried out.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Tally Ho Property
Figure 2a - Regional Geology
Projection - NAD 83 UTM Zone 08N
Scale - 1: 50,000
16/02/2010
502000
504000
506000
508000
6664000
6662000
6660000
6658000
6656000
6654000
6652000
Cromwell
Millhaven
Benall
Finger
IES1
uTrP
JL
MJgB
uTrAK2
uTrAK1
ETqN
mKN
uKC1
uPT
Legend
*Refer to figure 2b for Geologic Legend
Minfile
2009 Camp
River
Contour
Water Body
N
0
500
1,000
1,500
2,000
2,500
Meters

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Figure 2b - Regional Geology Legend

16/02/2010

Geologic Legend * After S.P. Gordey and A.J. Makepeace, 1999

~~~~ Fault - Defined

~·~· Fault - Assumed

------ Contact - Assumed

——— Contact - Observed

— — — Contact - Inferred

Yukon Geology - Unit

IES1 — *SKUKUM: flow banded rhyolite flows and breccia, andesite flows and breccia, tuff, pyroclastic and epiclastic rocks, granite conglomerate; rhyolite feldspar porphyry domes, plugs and laccoliths; feldspar hornblende quartz-phyric felsite dykes and plugs*

ETqN — *NISLING RANGE SUITE: leucocratic, biotite granite; miarolitic alaskite; saccharoidal textured, mafic-poor biotite granite; biotite-hornblende granite to leucocratic granodiorite with sparse, white, alkali feldspar phenocrysts; biotite quartz monzonite*

mKN — *MOUNT NANSEN: massive aphyric or feldspar-phyric andesite to dacite flows, breccia and tuff; massive, heterolithic, quartz- and feldspar-phyric, felsic lapilli tuff; flow-banded quartz-phyric rhyolite and quartz-feldspar porphyry plugs, dykes, sills and breccia*

uKC1 — *CARMACKS: augite olivine basalt and breccia; hornblende feldspar porphyry andesite and dacite flows; vesicular, augite phyric andesite and trachyte; minor sandy tuff, granite boulder conglomerate, agglomerate and associated epiclastic rocks*

MJgB — *BRYDE SUITE: medium grained, hornblende monzodiorite, hornblende-biotite quartz monzodiorite and minor hornblendite; pink, potassium feldspar megacrystic, hornblende granite to granodiorite and associated easterly trending mafic dyke swarms*

JL — *LABERGE: poorly sorted, medium bedded to massive arkosic sandstone and minor shale with interbeds and thick members of resistant heterolithic pebble and boulder conglomerate; recessive, dark brown weathering, thin bedded, dark brown to greenish, silty shale*

uTrAK1 — *AKSALA: brown shale, black and minor red siltstone, greenish, calcareous greywacke and interbedded bioclastic, argillaceous limestone; igneous- or limestone-clast pebble and cobble conglomerate; laharic debris flows; rare feldspar-augite porphyry flows*

uTrAK2 — *AKSALA: massive to thick bedded limestone; minor thin bedded argillaceous to sooty limestone; coarsely crystalline, massive dolostone; minor laminated chert; massive to poorly bedded, limestone conglomerate debris flows and fanglomerate*

uTrP — *POVOAS: augite or feldspar phyric, locally pillowed andesitic basalt flows, breccia, tuff, sandstone and argillite; local dacitic breccia and tuff with minor limestone; greenschist, chlorite schist, chlorite-augite-feldspar gneiss, amphibolite*

uPT — *TAKHINI: variably sheared and metamorphosed metabasite, amphibolite gneiss, tuff, wacke and marble with minor quartz mica schist and orthogneiss*
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Exploration Program

A camp was set up on the western shore of Bennett lake, at 505390E, 6652750N. Work was completed out of the camp for 3 of the days and a helicopter set out was used for one day. Geochemical work consisted of confirmation and detailed silt sampling of the 4 anomalous drainages north of the BC border. Three soil sample lines were completed to test for distal and near proximal extension of the projected mineralized shear zone. Geology work consisted of mapping and prospecting the two most southern anomalous creeks to confirm the historic results and assess the mineral potential of the area. Getting to the prospective area proved to be difficult as it was an elevation gain of roughly 1200 m so time exploring was of short supply. Therefore a helicopter set out was used the last day to explore the upper reaches of the cliff zone at the top of the mountain.

Exploration Results

From the outset, mineralization was abundant in float and in outcrop in the creeks as you go up the two southern drainages. Mineralization was found in all 4 rock units in the area. Galena and pyrite are found in shear zones in the granite pluton. The rhyolite plug is highly hornfelsed and goassanous with disseminated pyrite, pyrrhotite and trace chalcopyrite. The argillites of the Laberge Group are also hornfelsed with disseminated pyrite and pyrrhotite. There is extensive propylitic alteration within the volcaniclastic rhyolite unit (IES1), as well as locally within the granite (ETqN). Shear zones were located within the rhyolite unit with brecciated sphalerite and associated magnetite. These shears, found at stations AHTHG003 and AHTHG005, were both near vertical with an orientation of 014 and 340 respectively. Shear zones were also found in what seemed to be the argillite sedimentary unit, with the same brecciated sphalerite and magnetite. One shear zone, found at station AHTHG006, had an orientation of 110/48. The historic shear zone that returned the anomalous silver values was documented of having an orientation of 035, but none of the shear zones encountered had a similar orientation. The historic shear zone was not located, but similar styles of mineralization was found in the area. Four claims were staked on June 30th over the historic shear zone and projection, the propylitic andesite, and highly hornfelsed rhyolite plug. This area warrants further investigation.

Geological Mapping

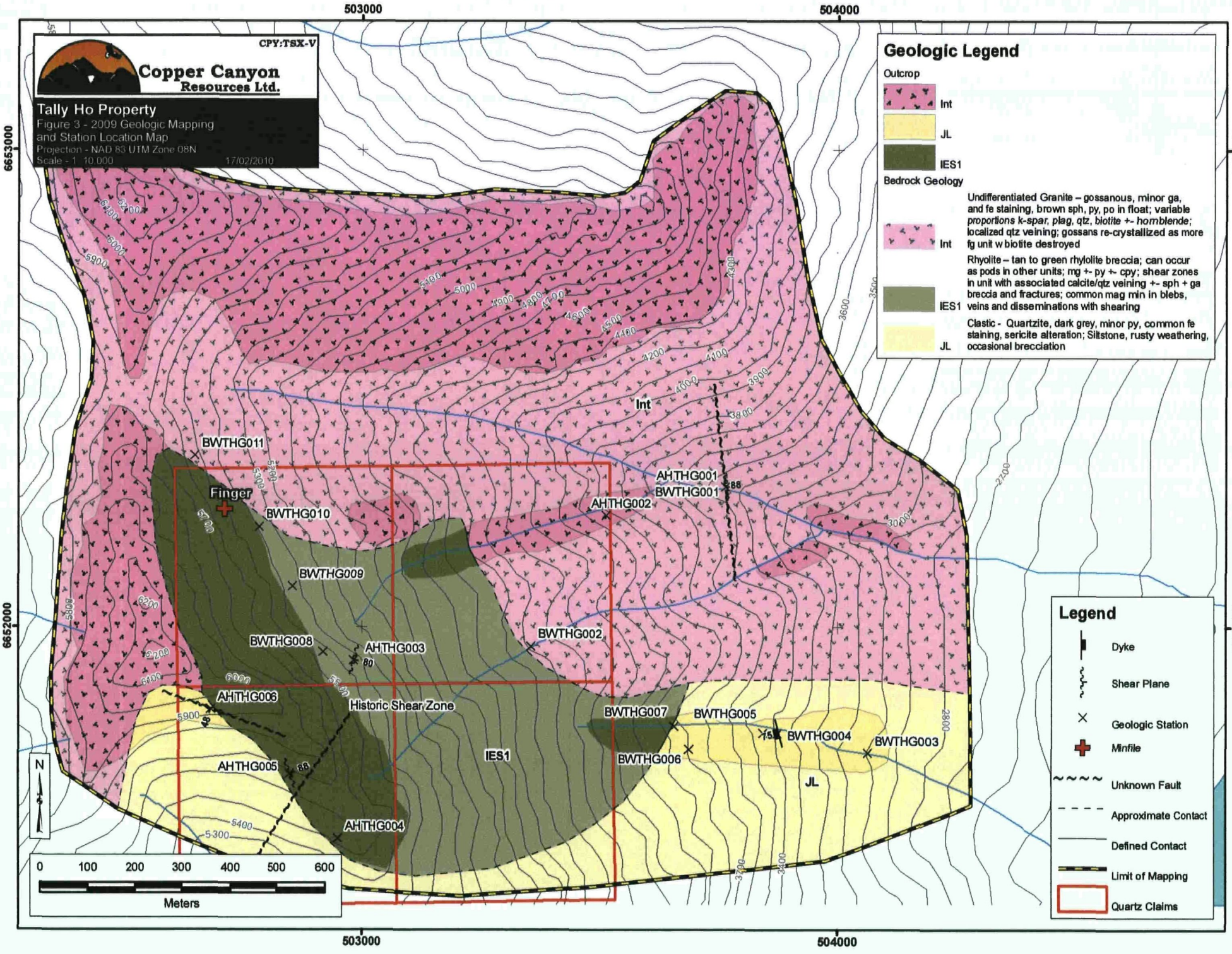
The geological mapping was completed to 10,000 scale with a focus on sheared structures in the area. Three units were described during the mapping program.

Laberge Group Sediments: This unit is described as dark grey quartzite with minor pyrite and common iron staining and sericite alteration. There is also a siltstone component that exhibits common rusty weathering and occasional brecciation.

Skukum Volcanics: This rhyolite unit is described as tan to green and commonly brecciated. The unit was also located as small pods in the surrounding units near the outcropping source. The shear zones that occurred within the unit contained associated calcite and quartz veining with +/- sphalerite and galena. Also within the shear zones, there was common magnetite mineralization as blebs and veinlets. Disseminated pyrite, magnetite +/- chalcopyrite was commonly seen throughout the unit.

Pennington Pluton : The intrusive unit is described as commonly gossanous with variable proportions

of potassium feldspar, plagioclase feldspar, quartz, biotite and hornblende. The minerals in this unit are for the most part medium grained but there are finer grained units associated with the gossanous zone where the biotite has been destroyed. There are localized quartz veining and the gossanous zones contain iron staining with possible minor galena, brown sphalerite, pyrite, and pyrrhotite commonly found in gossanous mineralized float.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Tally Ho Property
Figure 3 - 2009 Geologic Mapping and Station Location Map
Projection - NAD 83 UTM Zone 08N
Scale - 1: 10,000
17/02/2010
503000
504000
6653000
6652000
Geologic Legend
Outcrop
Int
JL
IES1
Bedrock Geology
Int
Undifferentiated Granite – gossanous, minor ga, and fe staining, brown sph, py, po in float; variable proportions k-spar, plag, qtz, biotite +- hornblende; localized qtz veining; gossans re-crystallized as more fg unit w biotite destroyed
IES1
Rhyolite – tan to green rhyolite breccia; can occur as pods in other units; mg +- py +- cpy; shear zones in unit with associated calcite/qtz veining +- sph + ga breccia and fractures; common mag min in blebs, veins and disseminations with shearing
JL
Clastic - Quartzite, dark grey, minor py, common fe staining, sericite alteration; Siltstone, rusty weathering, occasional brecciation
Int
IES1
JL
BWTHG011
Finger
BWTHG010
BWTHG009
BWTHG008
AHTHG003
AHTHG006
Historic Shear Zone
AHTHG005
AHTHG004
AHTHG001
BWTHG001
AHTHG002
BWTHG002
BWTHG007
BWTHG005
BWTHG004
BWTHG003
BWTHG006
Legend
Dyke
Shear Plane
Geologic Station
Minfile
Unknown Fault
Approximate Contact
Defined Contact
Limit of Mapping
Quartz Claims
N
0 100 200 300 400 500 600
Meters

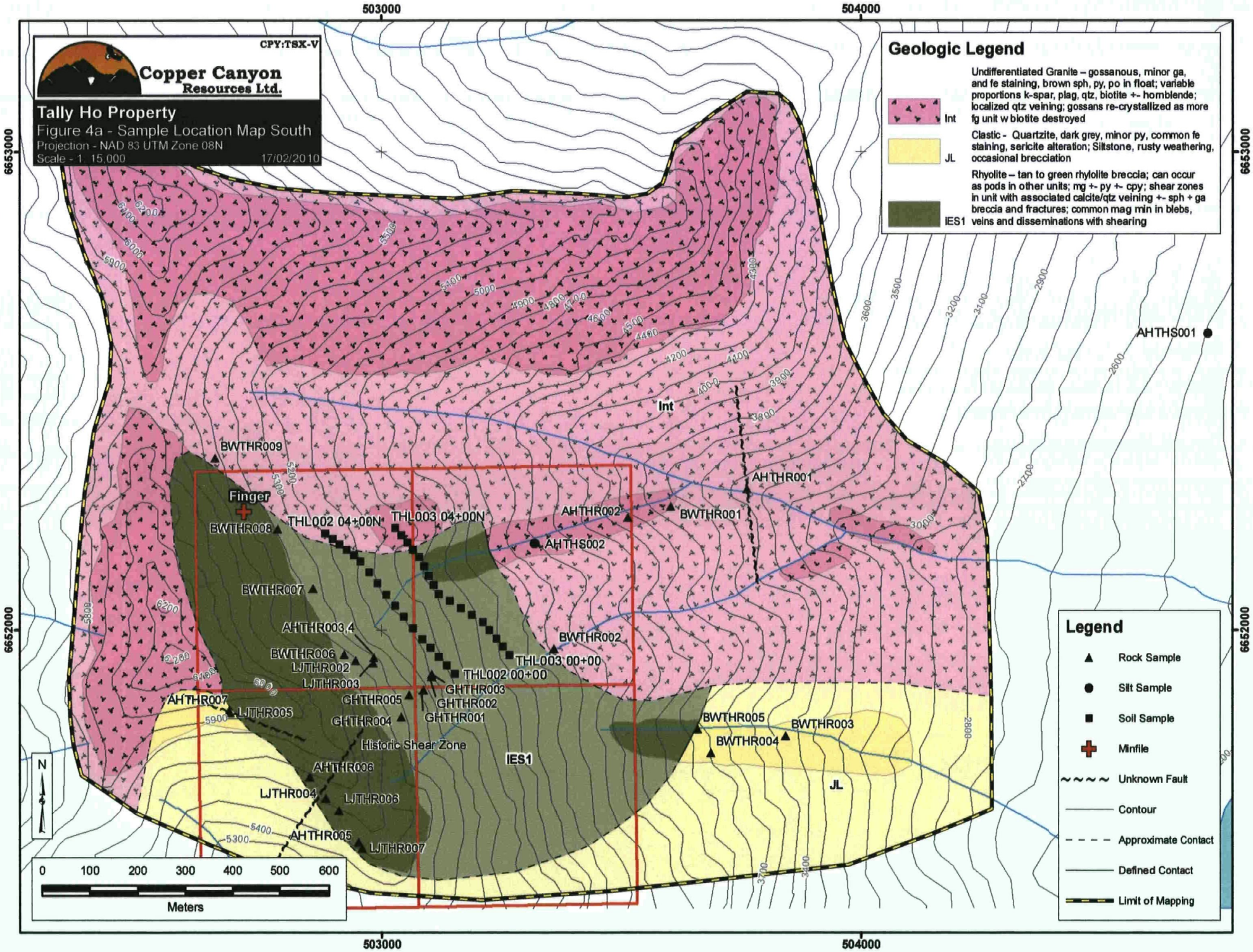
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Figure 4a - Sample Location Map South
Projection - NAD 83 UTM Zone 08N
Scale - 1: 15,000
17/02/2010
503000
504000
6653000
6652000
Geologic Legend
Int
Undifferentiated Granite – gossanous, minor ga, and fe staining, brown sph, py, po in float; variable proportions k-spar, plag, qtz, biotite +- hornblende; localized qtz veining; gossans re-crystallized as more fg unit w biotite destroyed
JL
Clastic - Quartzite, dark grey, minor py, common fe staining, sericite alteration; Siltstone, rusty weathering, occasional brecciation
IES1
Rhyolite – tan to green rhyolite breccia; can occur as pods in other units; mg +- py +- cpy; shear zones in unit with associated calcite/qtz veining +- sph + ga breccia and fractures; common mag min in blebs, veins and disseminations with shearing
Legend
Rock Sample
Silt Sample
Soil Sample
Minfile
Unknown Fault
Contour
Approximate Contact
Defined Contact
Limit of Mapping
AHTHS001
Int
BWTHR009
Finger
BWTHR008
THL002 04+00N
THL003 04+00N
AHTHR002
BWTHR001
AHTHS002
AHTHR001
BWTHR007
AHTHR003,4
BWTHR006
LJTHR002
LJTHR003
THL003 00+00
BWTHR002
THL002 00+00
GHTHR003
GHTHR005
GHTHR002
GHTHR001
GHTHR004
AHTHR007
LJTHR005
BWTHR005
BWTHR003
BWTHR004
Historic Shear Zone
IES1
JL
AHTHR006
LJTHR004
LJTHR006
AHTHR005
LJTHR007
N
0 100 200 300 400 500 600
Meters

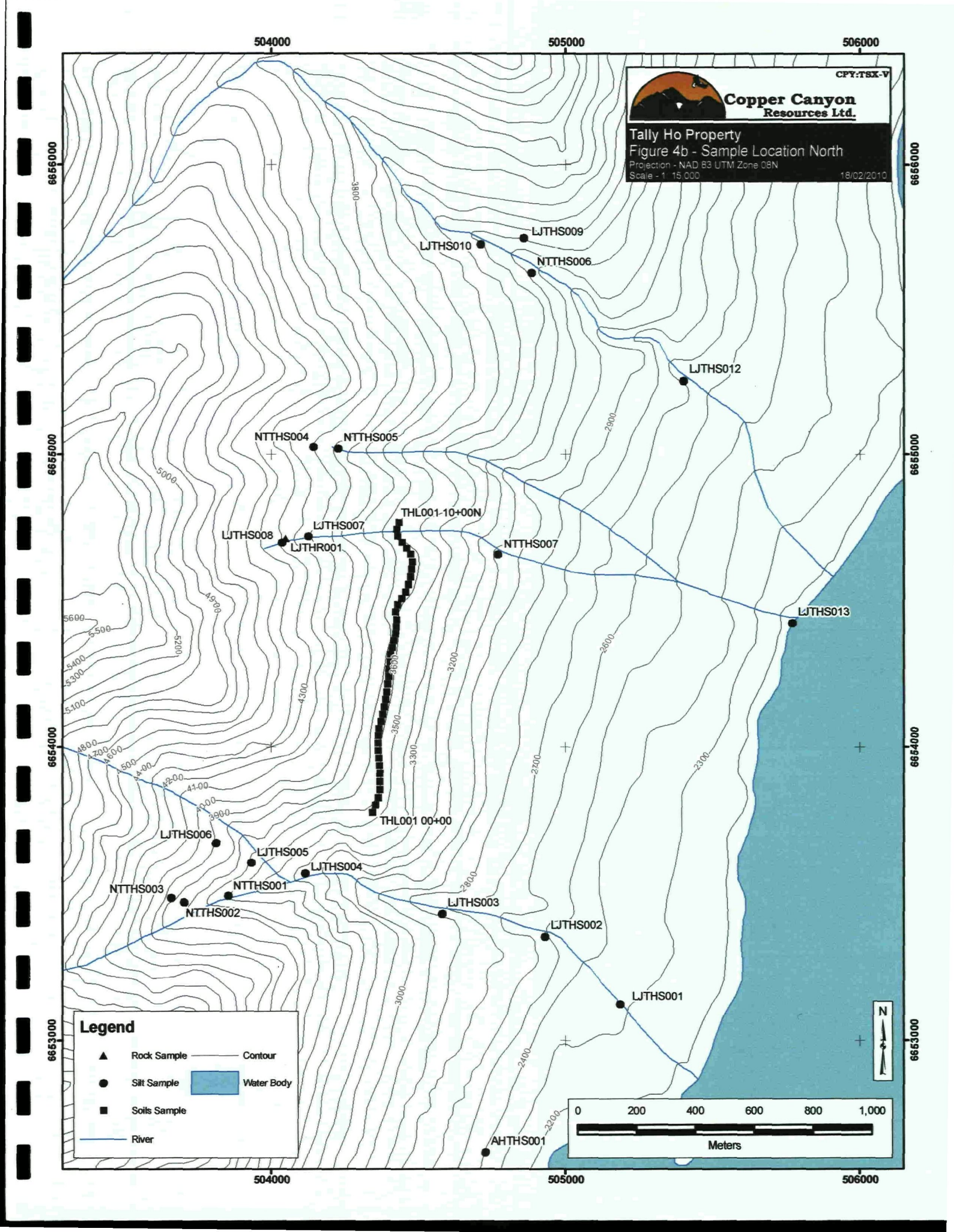
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Figure 4b - Sample Location North
Projection - NAD 83 UTM Zone 08N
Scale - 1: 15,000
18/02/2010
504000
505000
506000
6656000
6655000
6654000
6653000
LJTHS009
LJTHS010
NTTHS006
LJTHS012
NTTHS004
NTTHS005
LJTHS008
LJTHS007
LJTHR001
THL001-10+00N
NTTHS007
LJTHS013
THL001 00+00
LJTHS006
LJTHS005
LJTHS004
NTTHS003
NTTHS001
NTTHS002
LJTHS003
LJTHS002
LJTHS001
AHTHS001
3800
5000
4900
5600
5500
5200
5400
5300
5100
4300
3600
3200
3500
3300
2900
2600
2200
2300
4800
4700
4600
4500
4400
4200
4100
4000
3900
2800
3000
2400
2200
Legend
Rock Sample
Silt Sample
Soils Sample
River
Contour
Water Body
N
0
200
400
600
800
1,000
Meters

Rock Geochemistry

A total of 28 rock samples were collected from the Tally Ho SW target area (Figure 4). One sample (AHTHR002), a brownish recrystallized finer grained granite with disseminated pyrite and within an alteration/shear system, returned a significant gold grade of 1160 ppb (Figure 6a). This sample was located near an historic sample that returned 400 ppb Au. No other significant metal values were returned from this sample. Rock sample LJTHR004, collected near the Laberge/Skukum contact, returned anomalous gold and copper (300 ppb, 783 ppm, respectively) in a sheared outcrop containing massive magnetite and pyrrhotite or pyrite. Nearby sample LJTHR006 returned anomalous zinc and copper (6373 ppm, 867 ppm). One additional sample (GHTHR003), in the south map zone (Figure 4a), returned a multielement anomaly signature. The pyrite-bearing sample, located just uphill of the start of soil line THL002, returned 210 ppb Au, 388 ppm Cu, 244 ppm Pb, and 1101 ppm Zn. Only one rock sample was collected from the northern map area (Figure 4b). Malachite stained sample LJTHR001 returned 1395 ppm Cu and 160 ppb Au.

Soil Geochemistry

A total of 75 soil samples from three soil lines were collected during the 2009 program. Soil lines in the south zone, THL002 and THL003 (Figure 4a), were collected in order to test the mineralization potential of the historic projection of the gold bearing shear zone. Soil line THL001 in the north (Figure 4b), was sampled in order to test the projection of the same shear zone even further out. All soil samples were analyzed using a hand held Niton XL3t XRF (Figure 5a, 6a) with techniques and results in Appendix VII. Based on preliminary results, a total of 52 of those samples were selected for additional ICP sampling for reliable Au and Ag determination (Figure 5b, 6b). Correlation analysis of the XRF versus ICP results indicates that both Pb and Zn are in near perfect agreement: $R^2 = 0.996$ and 0.994, respectively, with slopes(m) close to 1. Copper agreement between the two techniques is moderate ($R^2 = 0.79$) with an XRF/ICP slope (m) of 0.76. Reasonable quantifiable limit of detection for Cu for the current dataset is approximately 60 ppm. Soil statistics for the ICP dataset are tabulated below. Of all the metals in Table 1, only arsenic has a significant correlation to gold.

Table 1 – Soil Statistics for the ICP dataset

n=52	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Au ppb
min	14	16	10	0.1	2.3	3.6
max	193	1265	1557	16.1	75.9	132
average	58	109	210	1	15.7	14.2
stdev	37	185	287	2.3	13.2	18.1
95 percentile	109	272	486	3.1	43.6	28.4
99 percentile	193	860	1510	10.3	64.8	80.8
Au correl	0.19	0.13	0.1	0.07	0.68	1

Spatial analysis of the soil samples in the south map area (Figures 5a,6a), indicates that the best base metal soil anomaly is at the southernmost limits of the two lines. Sample # THL002 00+00 has the highest Cu and Pb results in the current data set. It is the first sample of the uppermost line, close to the creek, and directly downhill of an anomalous rock sample (GHTHR003). Interestingly, contour soil line THL002 is moderately anomalous with respect to both Cu and Pb, for over 250m, spanning the

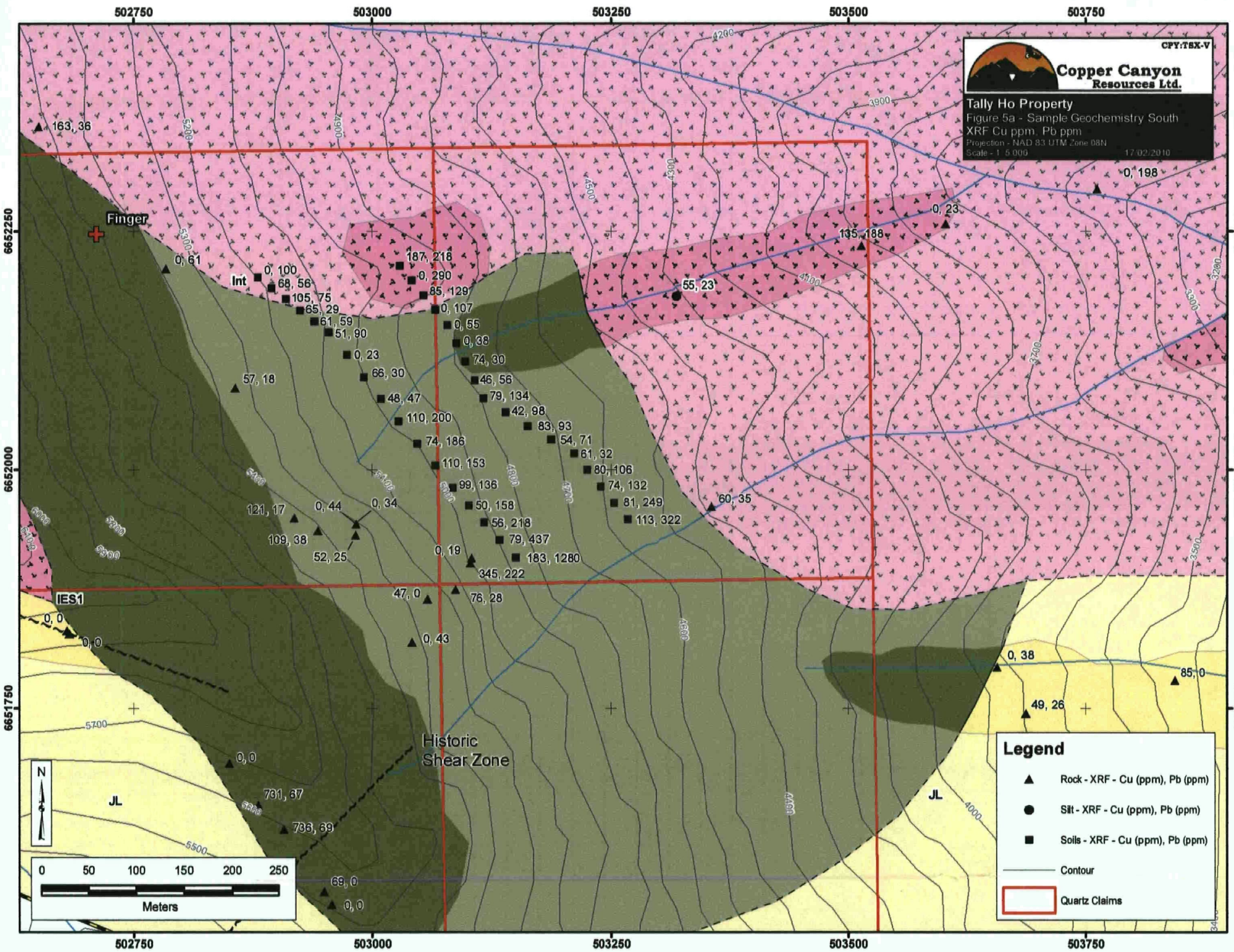
distance between the two southernmost creeks (Figure 5a). This zone is the projection of the historic shear zone and is most likely the source of the anomalous soil values. The highest Au in soil value (132 ppb) was returned from this soil line segment at station THL002 01+25.

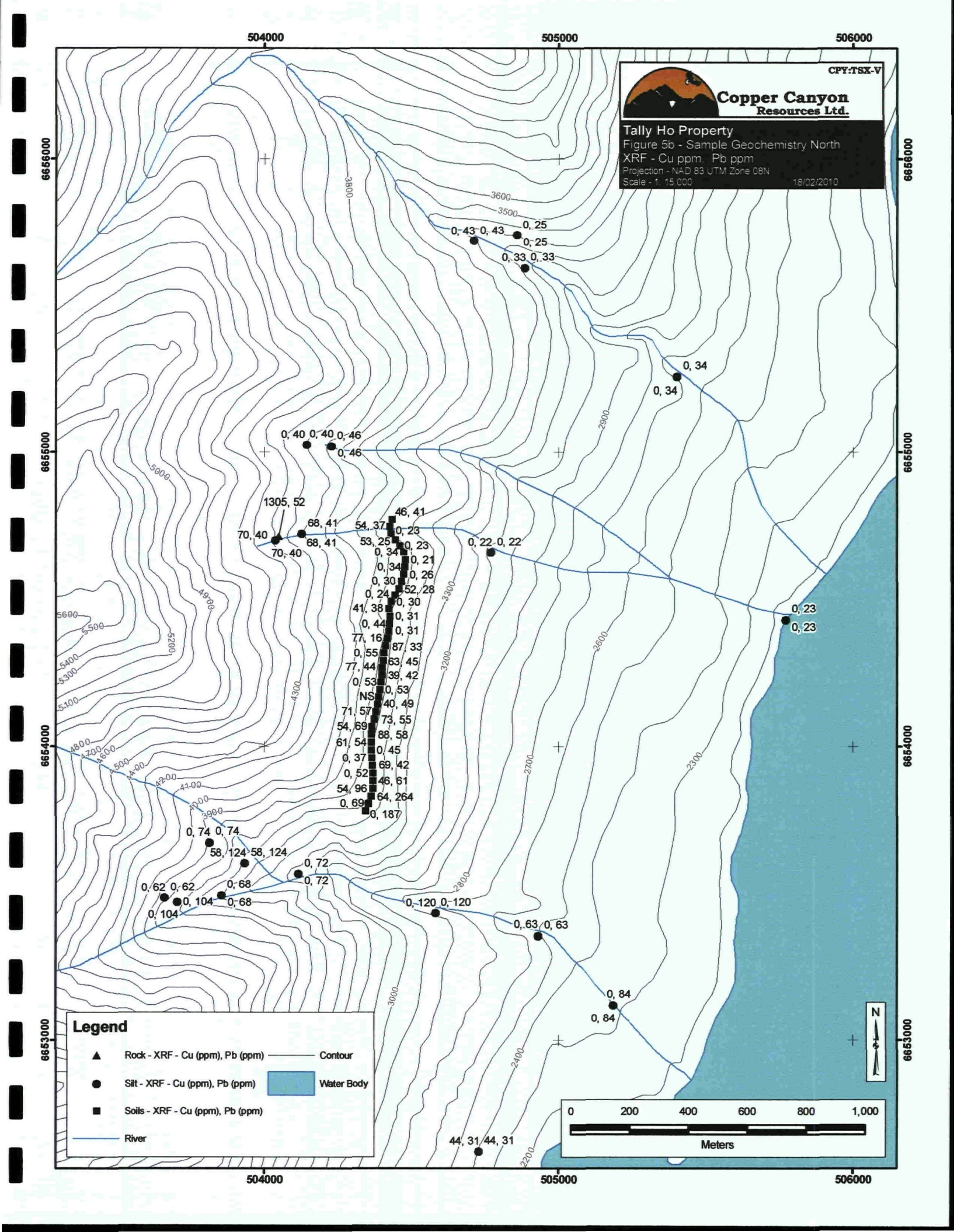
A second notable soil anomaly is apparent near the rhyolite/granite contact at the north end of soil line THL003 (Figures 5a, 6a). From the three northern-most stations along this line, one or more samples returned greater than 99 percentile values for Cu,Zn and Ag, and greater than 95 percentile values for Au and Pb.

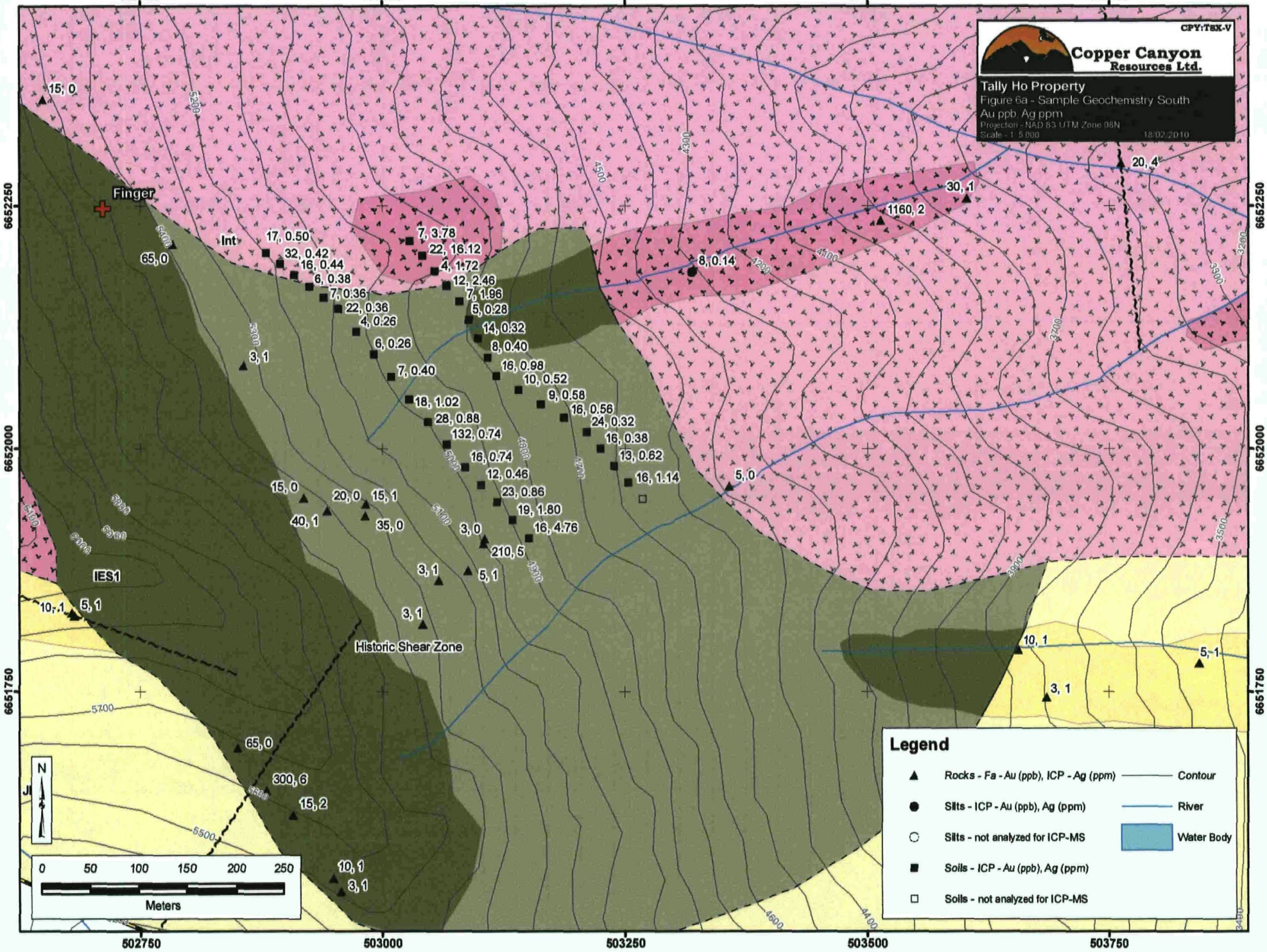
Soil results from the northern map area (Figures 5b,6b), indicates a two station 95th-percentile Pb anomaly at the south end of soil line THL001. ICP Au and Ag results were only completed for the central third of the line. There is only one spotty Au anomaly there at the 95th percentile level (Figure 6b). No other significant soil anomalies area apparent along soil line THL001.

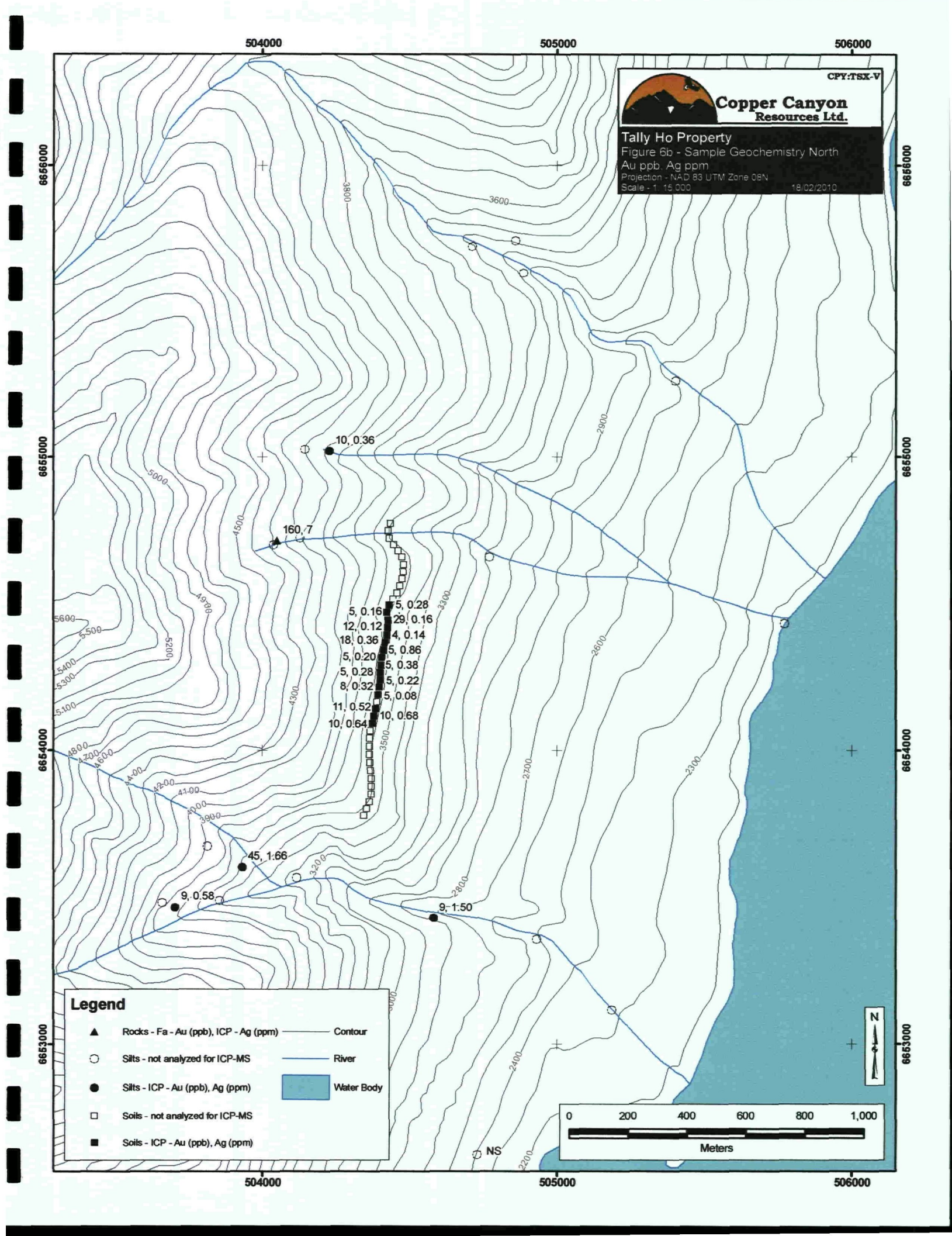
Stream-Silt Geochemistry

A total of 22 stream silts were collected during the 2009 program. All silt samples were analyzed using a hand held Niton XL3t XRF (Figure 5a, 6a) with techniques and results in Appendix VII. Based on the XRF data, five samples were sent for ICP analysis for precious metals. All were collected from creeks in the northern map area (Figure 4b), except for one sample (AHTHS002). A comparison of the results on a creek-by-creek basis reveals that the southernmost creek of the northern map area (Figures 5b, 6b), is consistently elevated in Pb and Au relative to the two northernmost creeks. Sample LJTHS005 collected in the north tributary of the southern creek (Figure 4b), returned the highest Au value of 45 ppb. The elevated soil results for Pb at the south end of soil line THL001, suggests that proximity to the creek may be favourable with respect to mineralization potential.


CPY:TSX-V
Copper Canyon Resources Ltd.
Tally Ho Property
Figure 5a - Sample Geochemistry South
XRF Cu ppm, Pb ppm
Projection - NAD 83 UTM Zone 08N
Scale - 1 : 5,000
17/02/2010
502750
503000
503250
503500
503750
6652250
6652000
6651750
Finger
Int
IES1
Historic Shear Zone
JL
163, 36
0, 61
0, 100
68, 56
105, 75
65, 29
61, 59
51, 90
0, 23
66, 30
48, 47
110, 200
74, 186
110, 153
99, 136
50, 158
56, 218
79, 437
183, 1280
345, 222
57, 18
121, 17
109, 38
0, 44
0, 34
52, 25
0, 19
47, 0
76, 28
0, 43
187, 218
0, 290
85, 129
0, 107
0, 55
0, 38
74, 30
46, 56
79, 134
42, 98
83, 93
54, 71
61, 32
80, 106
74, 132
81, 249
113, 322
60, 35
135, 188
55, 23
0, 23
0, 198
0, 38
85, 0
49, 26
0, 0
0, 0
0, 0
781, 87
786, 69
69, 0
0, 0
N
0 50 100 150 200 250
Meters
Legend
Rock - XRF - Cu (ppm), Pb (ppm)
Silt - XRF - Cu (ppm), Pb (ppm)
Soils - XRF - Cu (ppm), Pb (ppm)
Contour
Quartz Claims


CPY:TSX-V
Copper Canyon Resources Ltd.
Tally Ho Property
Figure 5b - Sample Geochemistry North
XRF - Cu ppm, Pb ppm
Projection - NAD 83 UTM Zone 08N
Scale - 1: 15,000
18/02/2010
504000
505000
506000
6656000
6655000
6654000
6653000
0, 43 0, 43
0, 25
0, 25
0, 33 0, 33
0, 34
0, 34
0, 40 0, 40 0, 46
0, 46
1305, 52
70, 40
70, 40
68, 41
68, 41
46, 41
54, 37
0, 23
53, 25
0, 23
0, 34
0, 21
0, 34
0, 26
0, 30
52, 28
0, 24
0, 30
41, 38
0, 31
0, 44
0, 31
77, 16
87, 33
0, 55
63, 45
77, 44
39, 42
0, 53
0, 53
NS
40, 49
71, 57
73, 55
54, 69
88, 58
61, 54
0, 45
0, 37
69, 42
0, 52
46, 61
54, 96
64, 264
0, 69
0, 187
0, 22 0, 22
0, 23
0, 23
0, 74 0, 74
58, 124 58, 124
0, 72
0, 72
0, 62 0, 62
0, 68
0, 104
0, 68
0, 104
0, 120 0, 120
0, 63 0, 63
0, 84
0, 84
44, 31 44, 31
5600
5500
5400
5300
5100
5200
4900
4800
4700
4600
4500
4400
4200
4100
4000
3900
3800
3600
3500
5000
4300
3300
3200
2900
2800
2700
2600
2400
2300
2200
3000
Legend
Rock - XRF - Cu (ppm), Pb (ppm)
Silt - XRF - Cu (ppm), Pb (ppm)
Soils - XRF - Cu (ppm), Pb (ppm)
River
Contour
Water Body
N
0
200
400
600
800
1,000
Meters


CPY:TSX-V
Copper Canyon Resources Ltd.
Tally Ho Property
Figure 6a - Sample Geochemistry South
Au ppb, Ag ppm
Projection - NAD 83 UTM Zone 08N
Scale - 1: 5 000
18/02/2010
502750
503000
503250
503500
503750
6652250
6652000
6651750
Finger
Int
IES1
Historic Shear Zone
15, 0
65, 0
17, 0.50
32, 0.42
16, 0.44
6, 0.38
7, 0.36
22, 0.36
4, 0.26
6, 0.26
7, 0.40
18, 1.02
28, 0.88
132, 0.74
16, 0.74
12, 0.46
23, 0.86
19, 1.80
16, 4.76
210, 5
7, 3.78
22, 16.12
4, 1.72
12, 2.46
7, 1.96
5, 0.28
14, 0.32
8, 0.40
16, 0.98
10, 0.52
9, 0.58
16, 0.56
24, 0.32
16, 0.38
13, 0.62
16, 1.14
8, 0.14
1160, 2
30, 1
20, 4
5, 0
3, 1
5, 1
10, 1
5, 1
3, 1
65, 0
300, 6
15, 2
10, 1
3, 1
10, 1
5, 1
3, 1
N
0 50 100 150 200 250
Meters
Legend
Rocks - Fa - Au (ppb), ICP - Ag (ppm)
Silts - ICP - Au (ppb), Ag (ppm)
Silts - not analyzed for ICP-MS
Soils - ICP - Au (ppb), Ag (ppm)
Soils - not analyzed for ICP-MS
Contour
River
Water Body


CPY:TSX-V
Copper Canyon Resources Ltd.
Tally Ho Property
Figure 6b - Sample Geochemistry North
Au ppb, Ag ppm
Projection - NAD 83 UTM Zone 08N
Scale - 1: 15,000
18/02/2010
504000
505000
506000
6656000
6655000
6654000
6653000
10, 0.36
160, 7
5, 0.16
5, 0.28
12, 0.12
29, 0.16
18, 0.36
4, 0.14
5, 0.20
5, 0.86
5, 0.28
5, 0.38
8, 0.32
5, 0.22
5, 0.08
11, 0.52
10, 0.64
10, 0.68
45, 1.66
9, 0.58
9, 1.50
NS
Legend
Rocks - Fa - Au (ppb), ICP - Ag (ppm)
Silts - not analyzed for ICP-MS
Silts - ICP - Au (ppb), Ag (ppm)
Soils - not analyzed for ICP-MS
Soils - ICP - Au (ppb), Ag (ppm)
Contour
River
Water Body
N
0
200
400
600
800
1,000
Meters

Picutres

View down to camp, on the other side of the spit.

Looking NW from near the start of Soil lines THL002 and 3, they ran over the talus fines. The cliffs directly to the SW of here are even steeper than the ones you see to the N-NW.

Shear zone and site of sample AHTHR001

Sheared Intrusive and site of sample AHTHR002

CONCLUSIONS

The original rationale for the project was as follows:

> The proposed area is underlain by structural and lithological components of the Tally Ho/Llewellyn fault system, a crustal scale fault system associated with numerous precious and base metal vein systems (e.g. Engineer Mine, Gridiron). Early Cretaceous and Tertiary plutons marginal to the fault system are also associated with mineralized quartz- carbonate hosted Au-Ag, and porphyry style Cu-Mo mineralization. Previous work by Eagle Plains, in correlative units at the Titan and Llewellyn project areas west of Atlin BC, provide a leg-up with respect to applicable experience and comparable datasets from which to derive useful vectors to mineralization.
>
> PRIMARY TARGET - Finger Showing area: Shear zones associated with RGS anomalies (Ag-Pb-Zn-As+-Au) and (Mo-W-Cu) on east and north aspects of the Bennett Range (mountains between Prejevalsky Point on Bennett Lake and YK-BC border). See conclusions in AR 093243. Locate and sample trenches and shear zone - Prospect and geochem along projection of suspected shear zone.
>
> SECONDARY TARGET - Bennet Showing (Gold Finger) area: Prospect Margins of intrusions on north and west aspects. Beware of existing claims.

Due to time (budget) constraints, the 2009 YMIP supported work program at the Tally Ho SW target area was limited to the above *primary target* area in the immediate vicinity of the Finger Showing. From the outset, mineralization was abundant in float and in outcrop in the creeks as you go up the two southern drainages. Mineralization was found in all 4 rock units in the area. Galena and pyrite are found in shear zones in the granite pluton. The rhyolite plug is highly hornfelsed and goassanous with disseminated pyrite, pyrrhotite and trace chalcopyrite. The argillites of the Laberge Group are also hornfelsed with disseminated pyrite and pyrrhotite. There is extensive propylitic alteration within the volcaniclastic rhyolite unit (IES1), as well as locally within the granite (ETqN). Shear zones were located within the rhyolite unit with brecciated sphalerite and associated magnetite. These shears, found at stations AHTHG003 and AHTHG005, were both near vertical with an orientation of 014 and 340 respectively. Shear zones were also found in what seemed to be the argillite sedimentary unit, with the same brecciated sphalerite and magnetite. One shear zone, found at station AHTHG006, had an orientation of 110/48. The historic shear zone that returned the anomalous silver values was documented of having an orientation of 035, but none of the shear zones encountered had a similar orientation. The historic shear zone was not located, but similar styles of mineralization was found in the area. Four claims were staked on June 30th over the historic shear zone and projection, the propylitic andesite, and highly hornfelsed rhyolite plug. This area warrants further investigation. (especially due to the limited time after hiking 1200 m elevation).

A total of 28 rock samples of various lithologies were collected from the Tally Ho SW target area in 2009. The best sample returned 1160 ppb Au from a brownish recrystallized finer grained granite with disseminated pyrite and within an alteration/shear system, with no other significant base metals present. The highest metal values returned from other individual rock samples were 1395 ppm Cu, 6373 ppm Zn, 6.7 ppm Ag, and 204 ppm Pb. The historic pits that contained the anomalous silver values were not located during this program. These pits are most likely located very close to the BC border, an area we

did not have enough time to investigate. The distribution of sampling on the north side of the ridge is sufficient enough to get a broad view of the mineralization in the area. The sampling on the southern side of the ridge and into BC, was not investigated to the same degree and could be the focus of any future work.

Two notable soil geochemical anomalies are highlighted in the 2009 results:

1) A Cu-Pb-Zn with spotty Au anomaly is apparent between the two tributaries high in the south map area with increasing base metal contents towards the southernmost creek.
2) A slightly elevated silver and basemetal soil anomaly is associated with the granite/rhyolite contact at the north end of soil line THL003.

In the north property area (Figures 4b, 5b, 6b), the one soil geochemical line failed to outline a significant mineralized structure; however, escalating Pb at the southern limit of the soil line, plus the anomalous background and spotty high stream-silt results in the southernmost drainage, indicate mineralization potential associated within this drainage, particularly above the confluence at 3350 ft AMSL.

Recommendations

Review of the current and historical reports of the Finger Showing area indicates that shear zones represent the most promising target for mineralization. As such, future work should be directed towards a detailed mapping and sampling of the various shear zones. Detailed prospecting and grid based mapping should be employed, assisted by ground based geophysical surveys. From available rock and alteration descriptions, there should be ample magnetic and EM contrasts to effectively trace blind sections of the shear zones using geophysics.

Regional prospecting is further reccomended towards the Bennett Showing as per the original *secondary target* proposal.

A review of BC datasets just south of the Finger showing, also indicates promising geology, structure and RGS results. As such, prospecting programs are highly reccomended south of the Finger showing along the trace of the Tally Ho Llewellyn fault system, on both flanks of the Bennett Mountain Range. Particular emphasis should be on contacts and structures associated with the Boundary Range Metamorphic suite with the Laberge Group sediments, and various granitoids.

Future Plans

At this time, there is no plans for future work on this target. Although of interest, the results of the 2009 program are not significant enough to warrant further work and efforts are better placed on other projects.

References

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Wheeler, J.O., 1961. Whitehorse map-area, Yukon Territory (105D). Geological Survey of Canada, Memoir 312, 156 p.

Appendix I – Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, Jarrod A. Brown of 6660-A Harrop-Procter Road, in the city of Nelson in the Province of British Columbia hereby certify that:

1) I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of British Columbia (#29239).

2) I am a graduate of the University of Manitoba with the degree of Master of Science in Geology (2001).

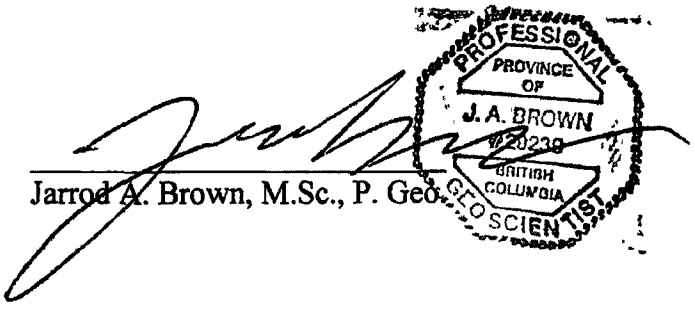
3) I am a graduate of Simon Fraser University with the degree of Bachelor of Science in Physical Geography (1997).

4) I have practiced my profession in Canada since 1998, having worked for various junior resource companies and government surveys.

5) This report is based upon a personal examination of all available company and government reports pertinent to the Tally Ho SW target, located southwest of Whitehorse, Yukon, Canada.

6) I hold an option to purchase 200,000 common shares of Eagle Plains at $0.40 per share, and includes 95,000 reserve shares of Copper Canyon.

Dated this 19th day of March 2010, in Nelson, British Columbia.



Jarrod A. Brown, M.Sc., P. Geo.

AARON A. HIGGS, B. Sc.

I, Aaron Ashwell Higgs, B.Sc. do hereby certify that:

I am currently employed as a Project Geologist by Bootleg Exploration Inc., with business location of Suite 200, 16-11th Ave S., Cranbrook, BC, V1C 2P1 (Telephone: 250-426-0749, email: aah@eagleplains.com)

I graduated with a B.Sc. degree in Geology from the University of British Columbia in 2005.

I have worked as a Geologist in Western Canada for 4 years since my graduation from university.

I am partly responsible for the preparation of this Technical Report entitled "YMIP Technical Report on the Tally Ho Project."

Dated at Cranbrook, British Columbia, Canada this16th day of March, 2010.

Respectfully submitted

Aaron A. Higgs, B.Sc. (Geol)

Appendix II – Statement of Expenditures

Focused Regional Program: Tally Ho Project (YMIP# 09-027)		
2009 Expenditures		
1	***no daily living allowance , accept actual expenses instead***	
2	**Travel**	
	Truck Rental	$650 00
	Truck (240 km @ $0.30/km)	$72.00
	Helicopter	$1,318.02
	Boat Rental	$1,300.00
3	**Analyses / Assay Costs**	$1,388.17
	Other Expenses (groeceries, fuel, field consumables)	$1,057 50
	15% Handling fees on disbursements	$759.54
4	**Equipment Rentals / Supplies**	
	Niton XRF	$2,437.50
	Field supplies for crew, GPS, pack, vests, first aid, palm, hammer (5)	$1,137.50
	Hand Held Radios (5)	$325.00
	Computer (2)	$130.00
	Printer	$65.00
	Sat phone (2)	$195.00
	5-ton encolsed trailer	$650.00
	Chain Saw	$65.00
	Small Gas Generator	$292.50
	Large Gas Generator	$390.00
	Camp Rental	$975.00
	Shot Guns (2)	$130.00
	Digital Cameras (2)	$130.00
	Satellite Internet	$65.00
	Wages for field work	
	Aaron Higgs, Project Geologist	$3,412.50
	Bronwyn Wallace, Senior Geologist	$2,925.00
	Glen Hendrickson, GIS Technician	$2,925.00
	Nathan Taylor, Geological Technician	$2,437.50
	Lewis Jones, Geological Technician	$2,275.00
13	**Report Preparation, data analysis and compilation**	
	Aaron Higgs, Project Geologist	$1,250.00
	Glen Hendrickson, GIS Technician	$1,350.00
TOTAL EXPENSES		$30,107.73

Appendix III – Geochemical Protocol

3.1 Field Sampling Techniques
3.2 Analytical Procedures

Appendix 3.1 Field Sampling Techniques

Rock samples were collected in the field by placing 1-3 kg of material in heavy grade plastic sample bags with the sample number written on both sides in permanent marker. Each sample bag was then sealed with a plastic cable tie and samples were transported back to camp at the end of each day. A representative piece of each sample was often collected and returned to camp for further examination in the event of an interesting or exceptional analytical result.

Soil samples were collected from the B-horizon wherever possible. Silt samples were collected from active creeks whenever possible. Both soil and silt samples were placed and sealed into brown paper kraft bags. Samples were dried in the field daily, weather permitting. Relevant details pertaining to the soil and silt samples such as location parameters, depth, horizon, quality, were recorded by the sampler in the field.

Sample sites were marked in the field with orange or pink arctic-grade flagging and an aluminum tag, both having been marked with the appropriate sample number. Sample locations were determined by hand-held GPS set to report locations in UTM coordinates using the North American datum established in 1983 (NAD 83).

All surface geochemical samples were collected by company geologists or sampling technician employees trained by Bootleg staff geologists. At the end of each day samples were organized, dried and catalogued and then placed in poly woven "rice" bags. The samples were maintained as a single group before undergoing XRF analysis in the case of soils and silts or crushing and pulverizing at the Alex Stewart Group Prep lab in Whitehorse in the case of rocks before undergoing XRF analytis.

3.2 Analytical Procedures

Eco Tech Laboratory Limited
10041 Dallas Drive
Kamloops, British Columbia
V2C 6T4
Tel + 250 573 5700
Tel + 1 877 573 5755
Fax + 250 573 4557
www.stewartgroupglobal.com

StewartGroup
Geochemical & Assay

Analytical Procedure Assessment Report

Eco Tech Laboratory Ltd. is registered for ISO 9001:2008 by QMI Quality registrars for the "provision of assay, geochemical and environmental analytical services". Eco Tech also Participates in The Canadian Certified Reference Materials Project (CCRMP) testing program annually.

SAMPLE PREPARATION

Samples (minimum sample size 250g) are catalogued and logged into the sample-tracking database. During the logging in process, samples are checked for spillage and general sample integrity. It is verified that samples match the sample shipment requisition provided by the clients. The samples are transferred into a drying oven and dried.
Soils are prepared by sieving through an 80-mesh screen to obtain a minus 80-mesh fraction. Samples unable to produce adequate minus 80-mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh.
Rock samples are crushed on a Terminator jaw crusher to -10 mesh ensuring that 70% passes through a Tyler 10 mesh screen.
Every 35 samples a re-split is taken using a riffle splitter to be tested to ensure the homogeneity of the crushed material.
A 250 gram sub sample of the crushed material is pulverized on a ring mill pulverizer ensuring that 95% passes through a -150 mesh screen. The sub sample is rolled, homogenized and bagged in a pre-numbered bag.
A barren gravel blank is prepared before each job in the sample prep to be analyzed for trace contamination along with the processed samples.

ASSAY GOLD ANALYSIS (BAUFA-32)

A 30 g sample size is fire assayed along with certified reference materials using appropriate fluxes. The flux used is pre-mixed, purchased from Anachemia which contains Cookson Granular Litharge. (Silver and Gold Free). The ratios are 66% Litharge, 24% Sodium Carbonate, 2.7% Borax, 7.3% Silica. (These charges may be adjusted with borax or silica based on the sample). Flux weight per fusion is 120g. Purified Silver Nitrate is used for inquartation. The resultant dore bead is parted and then digested with nitric and hydrochloric acid solutions and then analyzed on an atomic absorption instrument (Perkin Elmer/Thermo S-Series AA instrument). Gold detection limit on AA is 0.03-100 g/t. Any gold samples over 100g/t will be run using a gravimetric analysis protocol.

Appropriate certified reference material and repeat/re-split samples (Quality Control Components) accompany the samples on the data sheet for quality control assessment

TRACE ICP-MS ANALYSIS (BMS-11)

Samples are digested in an aqua regia solution for 45 minutes. They are bulked with de-ionized water, and an aliquot of this is taken for analysis a Thermo Scientific X series II ICP-MS unit. All synthetic standards are purchased and verified by 3 independent analysts and are used for instrument calibration before each and every ICP-MS run.

A 2-3 point standardization curve is used to check the linearity (high and low). Certified reference material is used to check the performance of the machine and to ensure that proper digestion occurred in the wet lab. QC samples are run along with the client samples to ensure no machine drift or instrumentation issues occurred during the analysis of the sample(s). Repeat samples (every 10 or less) and re-splits (every 35 or less) are also run to ensure proper weighing and digestion occurred.

Results are collated by computer and are printed along with accompanying quality control data (re-splits and standards). Results are printed on a laser printer and are faxed and or mailed to the client.

Detection Limits:

Ag	0.02-100	Mo	0.01-2000
Al	0.01-10%	Na	0.001-10%
As	0.1-10000	Ni	0.1-10000
B	1-2000	P	0.001-5%
Ba	0.5-10000	Pb	0.01-10000
Bi	0.02-2000	S	0.02-10%
Ca	0.01-40%	Sb	0.02-2000
Cd	0.01-2000	Sc	0.1-100
Co	0.1-2000	Se	0.1-100
Cr	0.5-10000	Sr	0.5-10000
Cu	0.01-10000	Te	0.02-1000
Fe	0.01-40%	Th	0.1-2000
Ga	0.1-10000	Ti	0.001-10%
Hg	5-10000 ppb	Tl	0.02-1000
K	0.01-10%	U	0.1-2000
La	0.5-10000	V	2-10000
Mg	0.01-30%	W	0.1-100
Mn	1-10000	Zn	0.1-10000

units are in ppm, unless otherwise stated

GEOCHEM GOLD ANALYSIS (BAUFG-11)

A 15 g sample size is fire assayed along with certified reference materials using appropriate fluxes. The flux used is pre-mixed, purchased from Anachemia which contains Cookson Granular Litharge. (Silver and Gold Free). The ratios are 66% Litharge, 24% Sodium Carbonate, 2.7% Borax, 7.3% Silica. (These charges may be adjusted with borax or silica based on the sample). Flux weight per fusion is 120g. Purified Silver Nitrate is used for inquartation. The resultant dore bead is parted and then digested with nitric and hydrochloric acid solutions and then analyzed on an atomic absorption instrument (Perkin Elmer/Thermo S-Series AA instrument).
Over-range geochem values (Detection limit 5-1000ppb) for rocks are re-analyzed using gold assay methods (see below).

Appropriate certified reference material and repeat/re-split samples (Quality Control Components) accompany the samples on the data sheet for quality control assessment.

MULTI- ELEMENT ICP-AES ANALYSIS (BICP-11)

A 0.5 gram sample is digested with a 3:1:2 (HCl: $HN0_3$: H_20) solution in a water bath at 95°C. The sample is then diluted to 10ml with water. All solutions used during the digestion process contain beryllium, which acts as an internal standard for the ICP run. The sample is analyzed on a Thermo IRIS Intrepid II XSP ICP unit. Certified reference material is used to check the performance of the machine and to ensure that proper digestion occurred in the wet lab. QC samples are run along with the client samples to ensure no machine drift occurred or instrumentation issues occurred during the run procedure. Repeat samples (every batch of 10 or less) and re-splits (every batch of 35 or less) are also run to ensure proper weighing and digestion occurred.

Results are collated by computer and are printed along with accompanying quality control data (repeats, re-splits, and standards). Any of the base metal elements (Ag, Cu, Pb, Zn) that are over limit (>1.0%) are immediately run as an ore grade assay (procedure included in this document).

ICP-AES Detection Limits:

Ag	**0.2ppm**	**Mo**	**1ppm**
Al	**0.01%**	**Na**	**0.01%**
As	**5ppm**	**Ni**	**1ppm**
Ba	**5ppm**	**P**	**10ppm**
Bi	**5ppm**	**Pb**	**2ppm**
Ca	**0.01%**	**Sb**	**5ppm**
Cd	**1ppm**	**Sn**	**20ppm**
Co	**1ppm**	**Sr**	**1ppm**
Cr	**1ppm**	**Ti**	**0.01%**
Cu	**1ppm**	**U**	**10ppm**
Fe	**0.01%**	**V**	**1ppm**
La	**10ppm**	**W**	**10ppm**
Mg	**0.01%**	**Y**	**1ppm**
Mn	**1ppm**	**Zn**	**1ppm**

SILVER ORE GRADE ASSAY (AQUA REGIA DIGEST) (BAGFA-40)

Samples and standards undergo an oxidizing digestion in 200 ml phosphoric flasks with final solution in aqua regia solution. Appropriate standards and repeat/re-split samples (Quality Control Components) accompany the samples on the data sheet.
The digested solutions are made to volume with RO water and allowed to settle. An aliquot of the sample is analyzed on a Perkin Elmer/Thermo S-Series AA instrument. (Detection limit 0.01 % AA)

Instrument calibration is done by verified synthetic standards, which have undergone the same digestion procedure as the samples. Standards used narrowly bracket the absorbance value of the sample for maximum precision.
Results are collated and are printed along with accompanying quality control data (repeats, re-splits, and standards). Results are emailed, faxed or mailed to the clients.

Appendix IV – Sample Locations and Descriptions

4.1 Rock Samples
4.2 Silt Samples
4.3 Soil Samples

Appendix 4.1 - Rock Sample Locations and Descriptions

Sample Number	Sampler	Date (m/d/y)	UTM - East	UTM - North	Channel (m)	Channel (Az)	Map Unit	Rock Type - Major	Rock Type - Minor	Colour - Fresh	Colour - Weathered	Grain Size	Texture	Metamorphic Indicator	Mineralization - Major	Mineralization - Minor	Mineralization Style	Min. %	Alteration	Alt. Degree	Rock Description
AHTHR001	AH	29/06/2009	503762.87	6652294.8				Granite		grey	grey	medium	equigranular	none				0			
AHTHR002	AH	29/06/2009	503513.49	6652234.8				Granite		brownish	brown	fine-medium						0			
AHTHR003	AH	02/07/2009	502982.29	6651931.1				Volcaniclastic rock		greenish	grey	fine-medium	volcanoclastic					0			
AHTHR004	AH	02/07/2009	502982.29	6651931.1				Volcaniclastic rock		greenish	grey	fine	altered	quartz				0			
AHTHR005	AH	02/07/2009	502949.52	6651557.4				Volcaniclastic rock		grey	rusty	fine-medium	altered					0			
AHTHR006	AH	02/07/2009	502849.63	6651692.2				Pyroclastic		white	rusty	medium	sheared					0			
AHTHR007	AH	02/07/2009	502682.44	6651827.8				Andesite		greenish	greenish	fine	sheared					0			
BWTHR001	BW	29/06/2009	503602	6652258				Granite		rusty	rusty	medium-coarse	rotten					0			
BWTHR002	BW	30/06/2009	503357	6651961				Granite		grey	brown	medium	equigranular					0			
BWTHR003	BW	01/07/2009	503843	6651779				Siltstone	Quartzite	dark	rusty	fine-medium	massive					0			
BWTHR004	BW	01/07/2009	503687	6651744				Quartzite	Basalt	greyish	white	fine-medium	massive					0			
BWTHR005	BW	01/07/2009	503657	6651793				Quartzite	Rhyolite	grey	brown	fine-medium	bedded					0			
BWTHR006	BW	02/07/2009	502919	6651949				Siltstone	Breccia	dark	rusty	fine	brecciated					0			
BWTHR007	BW	02/07/2009	502856	6652086				Volcaniclastic rock		greenish	brownish	fine-medium	banded					0			
BWTHR008	BW	02/07/2009	502784	6652211				Quartzite		grey	rusty	medium	massive					0			
BWTHR009	BW	02/07/2009	502650	6652360				Volcaniclastic rock	Granite	green	grey	fine	volcanoclastic					0			
GHTHR001	GH	30/06/2009	503087	6651874	0										pyrite					0	
GHTHR002	GH	30/06/2009	503104	6651907	0										pyrite					0	
GHTHR003	GH	30/06/2009	503103	6651902	0										pyrite					0	
GHTHR004	GH	30/06/2009	503042	6651819	0										pyrite					0	
GHTHR005	GH	30/06/2009	503058	6651884	0										pyrite					0	
LJTHR001	LJ	29/06/2009	504049	6654716	0										chalcopyrite	melikite	BLEBBY	1		0	
LJTHR002	LJ	02/07/2009	502943	6651936	0															0	
LJTHR003	LJ	02/07/2009	502983	6651943	0										magnitite	chalcopyrite				0	Ryolite dike with veined magnite and chalcopyrite
LJTHR004	LJ	02/07/2009	502881	6651848	0										magnitite	pyrrhotite				0	cooked rock indicating shearing, almost massive magnitite with pyrrhotite
LJTHR005	LJ	02/07/2009	502680	6651831	0															0	
LJTHR006	LJ	02/07/2009	502908	6651623	0															0	
LJTHR007	LJ	02/07/2009	502957	6651544	0															0	

Appendix 4.3 - Silt Sample Locations and Descriptions

Sample Number	*Sampler*	*Date (m/d/y)*	*UTM - East*	*UTM - North*	*Turbitiy*	*Depth (cm)*	*Size (1-5)*	*Quality (1-5)*
AHTHS001	AH	29/06/2009	504730	6652621	LOW	5	5	4
AHTHS002	AH	29/06/2009	503319	6652182	VERY LOW	5	1	3
LJTHS001	LJ	29/06/2009	505186	6653121	MED	15	4	4
LJTHS002	LJ	29/06/2009	504931	6653355	MED	25	4	4
LJTHS003	LJ	29/06/2009	504582	6653431	HIGH	15	4	4
LJTHS004	LJ	29/06/2009	504117	6653568	HIGH	15	5	3
LJTHS005	LJ	29/06/2009	503934	6653604	MED	15	5	3
LJTHS006	LJ	29/06/2009	503814	6653673	MED	15	3	3
LJTHS007	LJ	29/06/2009	504128	6654725	VERY LOW	5	5	2
LJTHS008	LJ	29/06/2009	504038	6654702	VERY LOW	15	4	4
LJTHS009	LJ	29/06/2009	504859	6655743	LOW	15	4	3
LJTHS010	LJ	29/06/2009	504713	6655722	HIGH	15	4	4
LJTHS011	LJ	29/06/2009	0	0	MED	15	4	4
LJTHS012	LJ	29/06/2009	505402	6655258	MED	15	4	4
LJTHS013	LJ	29/06/2009	505772	6654432	LOW	5	4	2
NTTHS001	NT	30/06/2009	503855	6653492	MED	15	4	3
NTTHS002	NT	30/06/2009	503705	6653470	MED	25	4	4
NTTHS003	NT	30/06/2009	503661	6653484	MED	25	4	4
NTTHS004	NT	30/06/2009	504145	6655028	LOW	25	5	2
NTTHS005	NT	30/06/2009	504228	6655022	MED	25	5	2
NTTHS006	NT	30/06/2009	504885	6655626	EXTREME	45	4	4
NTTHS007	NT	30/06/2009	504772	6654659	VERY LOW	5	4	4

Appendix 4.3 - Soil Sample Locations and Descriptions

Sample Number	*Sampler*	*Date (m/d/y)*	*UTM - East*	*UTM - North*	*Colour - 1*	*Colour - 2*	*Slope - Degrees*	*Depth (cm)*	*Soil Horizon*	*Quality (1-5)*	*Note - 1*	*Note - 2*
THL001 00+00	LJ	30/06/2009	504345	6653777	brown	light	20 - 40	15	B	2	ROCKY	LINE_START
THL001 00+25N	LJ	30/06/2009	504353 87351	6653802 358791	brown	light	20 - 40	15	B	4	N/A	N/A
THL001 00+50N	LJ	30/06/2009	504363 64295	6653827 372593	brown	light	20 - 40	15	B	3	ORGANIC	N/A
THL001 00+75N	LJ	30/06/2009	504369.45763	6653853.150826	brown	light	20 - 40	15	B	3	N/A	N/A
THL001 01+00N	LJ	30/06/2009	504370 40314	6653880 000056	brown	dark	20 - 40	5	A	1	ORGANIC	ROCKY
THL001 01+25N	LJ	30/06/2009	504368 93987	6653906 826652	brown	light	20 - 40	25	B	4	N/A	N/A
THL001 01+50N	LJ	30/06/2009	504367 47660	6653933 653248	brown	light	20 - 40	25	B	4	N/A	N/A
THL001 01+75N	LJ	30/06/2009	504366 01809	6653960.480099	brown	light	20 - 40	25	B	4	10M PAST	N/A
THL001 02+00N	LJ	30/06/2009	504364 60602	6653987 309439	brown	light	20 - 40	25	B	4	N/A	N/A
THL001 02+25N	LJ	30/06/2009	504363 35960	6654014 14116	brown	light	20 - 40	25	B	4	ORGANIC	N/A
THL001 02+50N	LJ	30/06/2009	504364	6654041	brown	light	20 - 40	5	A	2	ROCKY	N/A
THL001 02+75N	LJ	30/06/2009	504366 58802	6654066 205242	brown	light	20 - 40	15	A	4	ORGANIC	N/A
THL001 03+00N	LJ	30/06/2009	504373 04195	6654090 730184	brown	dark	20 - 40	25	A	1	ORGANIC	ROCKY
THL001 03+25N	LJ	30/06/2009	504378.46396	6654115 502948	brown	dark	20 - 40	25	A	1	TALUS	ROCKY
THL001 03+50N	LJ	30/06/2009	504383 92522	6654140 267794	brown	dark	20 - 40	25	A	2	ORGANIC	N/A
THL001 03+75N	LJ	30/06/2009	504389 24918	6654165 056633								
THL001 04+00N	LJ	30/06/2009	504392 96564	6654190 142763	grey	light	20 - 40	15	B	3	ROCKY	N/A
THL001 04+25N	LJ	30/06/2009	504398 51671	6654215 252421	beige	light	20 - 40	15	B	3	ROCKY	N/A
THL001 04+50N	LJ	30/06/2009	504399 18413	6654240 447912	dark	brown	20 - 40	25	A	2	ROCKY	ORGANIC
THL001 04+75N	LJ	30/06/2009	504400 34295	6654265 779649	grey	brown	20 - 40	25	B	4	N/A	N/A
THL001 05+00N	LJ	30/06/2009	504403	6654291	dark	brown	20 - 40	15	B	4	ORGANIC	N/A
THL001 05+25N	LJ	30/06/2009	504408 42379	6654316 272973	dark	brown	20 - 40	15	B	4	ORGANIC	N/A
THL001 05+50N	LJ	30/06/2009	504411 86349	6654341 158631	dark	brown	20 - 40	15	A	3	ORGANIC	N/A
THL001 05+75N	LJ	30/06/2009	504418 04908	6654365 900983	dark	brown	20 - 40	15	B	4	N/A	N/A
THL001 06+00N	LJ	30/06/2009	504422 61405	6654390 986361	dark	brown	20 - 40	35	B	4	ORGANIC	N/A
THL001 06+25N	LJ	30/06/2009	504425 55464	6654416 29188	light	brown	20 - 40	25	B	3	ROCKY	N/A
THL001 06+50N	LJ	30/06/2009	504426 70981	6654441 691699	brown	beige	20 - 40	25	B	2	ORGANIC	N/A
THL001 06+75N	LJ	30/06/2009	504423 06450	6654466 904937	yellow	beige	20 - 40	25	B	4	ORGANIC	N/A
THL001 07+00N	LJ	30/06/2009	504429 89045	6654491 478337	yellow	beige	20 - 40	25	B	4	5M PAST	N/A
THL001 07+25N	LJ	30/06/2009	504443 84395	6654512 785576	beige	NA	20 - 40	25	B	5	N/A	N/A
THL001 07+50N	LJ	30/06/2009	504458	6654534	beige	NA	20 - 40	25	B	5	N/A	N/A
THL001 07+75N	LJ	30/06/2009	504467 58367	6654558 111834	brown	NA	20 - 40	25	B	3	N/A	N/A
THL001 08+00N	LJ	30/06/2009	504475 16888	6654582 740168	brown	NA	20 - 40	15	B	3	N/A	N/A
THL001 08+25N	LJ	30/06/2009	504478 46837	6654608 476148	brown	dark	20 - 40	15	A	3	N/A	N/A
THL001 08+50N	LJ	30/06/2009	504480 14121	6654634 108148	brown	dark	20 - 40	15	B	3	N/A	N/A
THL001 08+75N	LJ	30/06/2009	504473 59172	6654659 214549	brown	dark	20 - 40	15	B	3	N/A	N/A

Appendix 4.3 - Soil Sample Locations and Descriptions

Sample Number	*Sampler*	*Date (m/d/y)*	*UTM - East*	*UTM - North*	*Colour - 1*	*Colour - 2*	*Slope - Degrees*	*Depth (cm)*	*Soil Horizon*	*Quality (1-5)*	*Note - 1*	*Note - 2*
THL001 09+00N	LJ	30/06/2009	504460 45720	6654681 407529	beige	NA	20 - 40	15	B	3	N/A	N/A
THL001 09+25N	LJ	30/06/2009	504445 23439	6654702 345940	beige	NA	40 - 60	15	B	4	N/A	N/A
THL001 09+50N	LJ	30/06/2009	504430 39571	6654723 010775	grey	NA	40 - 60	25	B	4	N/A	N/A
THL001 09+75N	LJ	30/06/2009	504427 26077	6654748 234468	grey	light	40 - 60	15	A	3	ROCKY	N/A
THL001 10+00N	LJ	30/06/2009	504435	6654773	grey	light	40 - 60	15	A	2	ROCKY	LINE_END
THL002 00+00	NT	01/07/2009	503151	6651908	brown	light	40 - 60	5	A	4	LINE_START	
THL002 00+25N	NT	01/07/2009	503134 25	6651926 25	brown	light	40 - 60	5	A	4	N/A	
THL002 00+50N	NT	01/07/2009	503117 5	6651944 5	brown	light	40 - 60	5	A	4	N/A	
THL002 00+75N	NT	01/07/2009	503100 75	6651962 75	brown	light	40 - 60	5	A	3	ROCKY	
THL002 01+00N	NT	01/07/2009	503084	6651981	brown	light	40 - 60	5	A	3	ROCKY	
THL002 01+25N	NT	01/07/2009	503065 42857	6652004 285714	brown	light	40 - 60	5	A	3	ROCKY	
THL002 01+50N	NT	01/07/2009	503046 85714	6652027 571429	brown	dark	40 - 60	5	A	3	ROCKY	
THL002 01+75N	NT	01/07/2009	503028 28571	6652050 857143	brown	grey	40 - 60	5	A	3	ROCKY	
THL002 02+00N	NT	01/07/2009	503009 71429	6652074 142857	brown	grey	40 - 60	5	A	3	N/A	
THL002 02+25N	NT	01/07/2009	502991 14286	6652097 428571	grey	light	40 - 60	5	A	3	ROCKY	
THL002 02+50N	NT	01/07/2009	502972 57143	6652120 714286	grey	light	40 - 60	5	A	3	ROCKY	
THL002 02+75N	NT	01/07/2009	502954	6652144	brown	grey	40 - 60	5	A	3	N/A	
THL002 03+00N	NT	01/07/2009	502939 2	6652155 6	brown	dark	40 - 60	25	B	3	ROCKY	
THL002 03+25N	NT	01/07/2009	502924 4	6652167 2	brown	NA	40 - 60	5	A	3	ROCKY	
THL002 03+50N	NT	01/07/2009	502909 6	6652178 8	brown	NA	40 - 60	5	A	3	ROCKY	
THL002 03+75N	NT	01/07/2009	502894 8	6652190 4	brown	orange	40 - 60	5	A	3	ROCKY	
THL002 04+00N	NT	01/07/2009	502880	6652202	brown	rusty	40 - 60	25	B	3	LINE_END	ORGANIC
THL003 00+00	LJ	01/07/2009	503268	6651948	light	brown	40 - 60	15	A	3	ROCKY	LINE_START
THL003 00+25N	LJ	01/07/2009	503253 5	6651965 25	light	brown	40 - 60	15	A	3	ROCKY	N/A
THL003 00+50N	LJ	01/07/2009	503239	6651982 5	light	brown	40 - 60	15	A	4	ROCKY	N/A
THL003 00+75N	LJ	01/07/2009	503224 5	6651999 75	light	brown	40 - 60	15	A	2	ROCKY	ORGANIC
THL003 01+00N	LJ	01/07/2009	503210	6652017	rusty	beige	40 - 60	15	A	4	ROCKY	N/A
THL003 01+25N	LJ	01/07/2009	503186 75	6652031 5	brown	NA	40 - 60	25	B	4	ORGANIC	N/A
THL003 01+50N	LJ	01/07/2009	503163 5	6652046	brown	black	40 - 60	25	A	4	ROCKY	N/A
THL003 01+75N	LJ	01/07/2009	503140 25	6652060 5	brown	dark	40 - 60	25	A	3	ORGANIC	N/A
THL003 02+00N	LJ	01/07/2009	503117	6652075	brown	light	40 - 60	25	A	3	ROCKY	TALUS
THL003 02+25N	LJ	01/07/2009	503107 25	6652094 25	brown	light	40 - 60	5	A	3	ROCKY	TALUS
THL003 02+50N	LJ	01/07/2009	503097 5	6652113 5	grey	light	40 - 60	5	A	3	ROCKY	TALUS
THL003 02+75N	LJ	01/07/2009	503087 75	6652132 75	dark	light	40 - 60	5	A	4	ROCKY	TALUS
THL003 03+00N	LJ	01/07/2009	503078	6652152	dark	light	40 - 60	5	A	4	ROCKY	TALUS
THL003 03+25N	LJ	01/07/2009	503065 75	6652167 5	brown	dark	40 - 60	15	A	4	ORGANIC	TALUS

Appendix 4.3 - Soil Sample Locations and Descriptions

Sample Number	*Sampler*	*Date (m/d/y)*	*UTM - East*	*UTM - North*	*Colour - 1*	*Colour - 2*	*Slope - Degrees*	*Depth (cm)*	*Soil Horizon*	*Quality (1-5)*	*Note - 1*	*Note - 2*
THL003 03+50N	LJ	01/07/2009	503053 5	6652183	brown	rusty	40 - 60	15	B	4	N/A	N/A
THL003 03+75N	LJ	01/07/2009	503041 25	6652198 5	brown	rusty	40 - 60	15	A	4	BASE OF CLIFF	N/A
THL003 04+00N	LJ	01/07/2009	503029	6652214	brown	light	40 - 60	5	A	3	BASE OF CLIFF	LINE_END

Appendic V – Analytical Certificates

5.1 Rock Samples
5.2 Soil and Silt Samples

5.1 Rock Samples

Eco Tech Laboratory Ltd.
2953 Shuswap Road
Kamloops, BC
V2H 1S9 Canada
Tel + 1 250 573 5700
Fax + 1 250 573 4557
Toll Free + 1 877 573 5755
www.stewartgroupglobal.com

StewartGroup
Geochemical & Assay

CERTIFICATE OF ASSAY AK 2010-0012

BOOTLEG EXPLORATION INC. 19-Jan-10
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

No. of samples received: 5
Sample Type: Rock
Project: TH
Shipment #: TH09-001
Submitted by: Chris Gallagher

ET #.	Tag #	Au (g/t)	Au oz/t)	Ag (g/t)	Ag oz/t)
1	8088-8	0.16	0.005	6.7	0.20
2	8088-9	0.04	0.001	1.2	0.04
3	8088-13	<0.03	<0.001	2.1	0.06
4	8088-11	0.30	0.009	5.5	0.16
5	8088-27	0.21	0.006	4.5	0.13
QC DATA:					
Repeat:					
1	8088-8			6.3	0.18
Standard:					
OXI67		1.83	0.053		
Pb129				23.4	0.68

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer

NM/nw
XLS/10

All business is undertaken subject to the Company's General Conditions of Business which are available on request. Registered Office: Eco Tech Laboratory Ltd., 2953 Shuswap Road, Kamloops, BC V2H 1S9 Canada.

2-Feb-10

Stewart Group
ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2010-0012

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

No. of samples received: 5
Sample Type Rock
Project: TH
Shipment #: TH09-001
Submitted by: Chris Gallagher

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	8088-8	6.6	1.18	<5	5	<5	1.24	<1	6	115	1395	1.41	<10	0.25	205	<1	0.02	10	400	30	<5	<20	96	0.06	<10	37	<10	2	23
2	8088-9	1.2	3.98	315	35	<5	1.56	3	16	70	144	6 93	<10	0 66	152	4	0.23	60	730	36	5	<20	404	<0.01	<10	81	<10	4	97
3	8088-13	2.1	2.88	35	75	<5	4.97	115	5	75	867	2.48	<10	3 13	3354	<1	0.02	6	280	76	<5	<20	85	<0 01	<10	27	<10	8	6373
4	8088-11	5.5	1.54	35	<5	<5	0.69	8	19	23	783	>10	10	1.79	259	<1	0.04	65	70	40	15	<20	29	<0.01	<10	37	10	2	138
5	8088-27	4.5	1 57	10	<5	<5	0.61	14	31	118	388	>10	<10	0 82	1415	3	0 03	20	80	204	10	<20	23	0.18	<10	251	<10	7	1101
QC DATA:																													
Repeat:																													
1	8088-8	6.4	1.26	<5	5	<5	1.35	<1	6	115	1433	1.47	<10	0.25	206	<1	0 02	10	390	28	<5	<20	103	0.07	<10	40	<10	2	22
Standard:																													
Pb129a		11 6	0.83	5	60	<5	0 45	56	6	12	1426	1.57	<10	0.69	341	2	0.03	5	410	6152	15	<20	30	0.03	<10	19	<10	2	9973

ICP: Aqua Regia Digest/ICP AES Finish
Ag: Aquia Regia Digest/AA Finish

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer

NM/nw
df/2_12S
XLS/10

Eco Tech Laboratory Ltd.
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StewartGroup
Geochemical & Assay

CERTIFICATE OF ANALYSIS AK 2010-0078

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

3-Feb-10

No. of samples received: 67
Sample Type: Pulps
Shipment #: YIMP10-001
Submitted by: Chris Gallagher

ET #.	Tag #	Au ppb
1	8087-1	5
2	8087-2	<5
3	8087-3	25
4	8087-4	5
5	8087-6	<5
6	8087-7	<5
7	8087-8	<5
8	8087-10	<5
9	8087-11	5
10	8087-12	5
11	8087-13	<5
12	8087-14	10
13	8087-15	10
14	8087-16	15
15	8087-17	80
16	8088-1	20
17	8088-2	>1000
18	8088-3	20
19	8088-4	15
20	8088-5	10
21	8088-6	65
22	8088-7	5
23	8088-10	35
24	8088-12	10
25	8088-14	<5
26	8088-15	5
27	8088-16	30
28	8088-17	5
29	8088-18	5

All business is undertaken subject to the Company's General Conditions of Business which are available on request. Registered Office Eco Tech Laboratory Ltd 2953 Shuswap Road Kamloops BC V2H 1S9 Canada

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Geochemical & Assay

BOOTLEG EXPLORATION INC. AK10-0078 3-Feb-10

ET #.	Tag #	Au ppb
30	8088-19	<5
31	8088-20	10
32	8088-21	15
33	8088-22	<5
34	8088-23	65
35	8088-24	15
36	8088-25	5
37	8088-26	<5
38	8088-28	<5
39	8088-29	<5
40	8101-1	5
41	8101-4	<5
42	8101-7	45
43	8101-11	<5
44	8104-1	<5
45	8104-2	5
46	8104-3	5
47	8104-4	5
48	8104-5	<5
49	8104-7	10
50	8104-8	<5
51	8104-12	5
52	8104-14	<5
53	8104-17	<5
54	8104-19	20
55	8105-3	10
56	8105-5	10
57	8105-7	5
58	8106-1	5
59	8106-2	10
60	8106-3	<5
61	8106-4	<5
62	8106-5	10
63	8106-6	<5
64	8106-7	5
65	8106-8	<5
66	8106-10	5
67	8106-11	<5

QC DATA:

Repeat:

1	8087-1	<5
10	8087-12	5
15	8087-17	60
20	8088-5	5

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StewartGroup
Geochemical & Assay

BOOTLEG EXPLORATION INC. AK10-0078 3-Feb-10

ET #.	Tag #	Au ppb
21	8088-6	70
28	8088-17	<5
34	8088-23	70
40	8101-1	5
45	8104-2	10
54	8104-19	15
63	8106-6	<5
Standard:		
OXE74		635
OXE74		630

FA Geochem/AA Finish

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer

NM/nw
XLS/10

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StewartGroup
Geochemical & Assay

CERTIFICATE OF ASSAY AK 2010-0078

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

4-Feb-10

No. of samples received: 67
Sample Type: Pulps
Shipment #: YIMP10-001
Submitted by: Chris Gallagher

ET #.	Tag #	Au (g/t)	Au oz/t)
17	8088-2	1.16	0.034
QC DATA:			
Repeat:			
17	8088-2	1 08	0.031
Standard:			
OXI67		1.84	0.054

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer

NM/nw
XLS/10

All business is undertaken subject to the Company's General Conditions of Business which are available on request Registered Office Eco Tech Laboratory Ltd , 2953 Shuswap Road Kamloops BC V2H 1S9 Canada

4-Feb-10

Stewart Group
ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2010-0078

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

No. of samples received. 67
Sample Type: Pulps
Shipment #: YIMP10-001
Submitted by: Chris Gallagher

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	8087-1	0 2	2 42	<5	190	<5	1 15	<1	20	107	110	3.18	<10	2.15	424	1	0.13	46	1430	10	<5	<20	138	0 20	<10	109	<10	7	78
2	8087-2	<0 2	1.77	<5	70	<5	1.59	<1	12	96	9	2.39	<10	1.19	630	1	0.12	19	690	6	<5	<20	83	0 15	<10	81	<10	3	46
3	8087-3	11 4	0 34	10	15	1245	0.69	<1	2	180	17	0.57	<10	0.03	51	<1	0 01	11	10	48	5	<20	436	<0.01	<10	3	<10	<1	4
4	8087-4	0.3	1.80	<5	20	<5	1.13	<1	44	190	443	4.71	<10	1 08	198	1	0.21	205	1240	8	<5	<20	93	0.14	<10	59	<10	4	24
5	8087-6	<0.2	1 73	<5	40	<5	3.44	<1	38	441	85	2.63	<10	3.90	408	<1	0.01	557	810	2	5	<20	345	0.02	<10	46	<10	2	20
6	8087-7	<0.2	1.15	<5	15	<5	2.58	<1	12	54	17	2 45	<10	0 71	427	2	0.07	6	2320	4	<5	<20	42	0 14	<10	57	<10	10	51
7	8087-8	<0.2	4.23	<5	45	<5	4 27	<1	23	80	123	2.95	<10	1.32	387	2	0 04	19	400	10	<5	<20	65	0 11	<10	118	<10	2	31
8	8087-10	<0.2	3.72	<5	295	<5	2.12	<1	18	285	25	2 94	<10	4.80	557	2	0 18	240	890	10	5	<20	139	0 18	<10	95	<10	5	72
9	8087-11	0.3	2.35	<5	25	<5	1 28	5	32	182	135	4 59	<10	2 08	1018	1	0 20	100	1650	8	<5	<20	87	0 17	<10	115	<10	6	720
10	8087-12	<0 2	1 46	20	70	<5	0.67	6	108	84	87	3.71	<10	1.01	1282	1	0 09	47	910	10	<5	<20	67	0.11	<10	56	<10	4	288
11	8087-13	<0.2	2.83	<5	40	<5	2.15	<1	39	185	93	3.88	<10	2 95	502	2	0 20	116	1550	6	<5	<20	109	0.15	<10	116	<10	5	53
12	8087-14	<0.2	0.88	75	25	<5	2.48	<1	13	222	7	1 00	<10	1.47	384	<1	0 02	120	400	<2	<5	<20	80	0.07	<10	41	<10	3	23
13	8087-15	<0 2	4.25	<5	30	<5	3.03	<1	26	63	33	3 46	<10	2 40	559	2	0.14	27	510	10	<5	<20	95	0.11	<10	80	<10	2	45
14	8087-16	<0 2	2 84	<5	55	<5	1 37	<1	20	48	310	3 41	<10	1.73	292	2	0.34	39	1750	8	<5	<20	110	0 13	<10	96	<10	4	29
15	8087-17	8.0	0.08	15	15	135	0.13	<1	4	218	6	0 40	<10	0.07	70	<1	0 01	46	10	14	5	<20	74	<0.01	<10	6	<10	<1	6
16	8088-1	3.5	0 17	<5	15	5	0 08	1	4	164	38	1.09	<10	0.02	1383	9	0.01	5	150	182	<5	<20	9	<0.01	<10	4	<10	3	190
17	8088-2	1.6	1.03	130	80	<5	0 69	<1	5	58	159	3 32	20	0 29	267	6	0.05	2	720	152	5	<20	26	<0 01	<10	18	<10	13	133
18	8088-3	0.2	1.60	<5	60	<5	0.48	<1	4	56	15	2.17	<10	0.48	504	3	0.14	4	580	16	<5	<20	72	0 02	<10	23	<10	4	104
19	8088-4	<0.2	2.41	15	60	<5	1 03	<1	5	67	15	1.93	<10	0.41	343	8	0.16	5	580	14	<5	<20	71	<0.01	<10	15	<10	3	87
20	8088-5	0 6	1.62	20	10	<5	1.94	<1	28	89	84	5.90	<10	2 05	1347	<1	0 06	47	20	6	10	<20	51	0.27	<10	211	<10	4	27
21	8088-6	0.2	1.19	35	70	<5	0 20	<1	<1	65	17	2 14	<10	0.44	107	1	0.04	4	680	12	10	<20	44	<0.01	<10	8	<10	2	30
22	8088-7	<0 2	0.74	45	<5	<5	6.81	<1	16	98	40	3.84	<10	1.35	662	<1	0.02	19	40	4	<5	<20	63	0.13	<10	127	<10	4	27
23	8088-10	0 3	2.21	<5	65	<5	1 38	<1	4	62	61	1.70	10	0.23	301	2	0.25	3	620	18	<5	<20	147	0.04	<10	22	<10	4	45
24	8088-12	<0.2	1.24	55	10	<5	>10	<1	23	140	14	5.47	<10	1.80	1091	2	0 02	26	50	6	<5	<20	91	0.13	<10	159	<10	5	62
25	8088-14	<0.2	0.52	70	<5	<5	5 62	<1	17	144	4	4.59	<10	0.67	536	<1	0.02	31	30	<2	<5	<20	70	0.09	<10	121	<10	3	15

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	8088-15	0.2	2.19	40	125	<5	1.09	1	14	64	97	1.74	<10	0.28	103	28	0 18	51	1010	10	<5	<20	324	<0 01	<10	16	<10	5	192
27	8088-16	0.7	0.38	15	45	<5	0 80	<1	3	87	3	1.94	30	0.06	1441	8	0.04	3	610	16	<5	<20	37	<0.01	<10	9	<10	17	55
28	8088-17	0.2	0.88	<5	60	<5	0.13	<1	4	57	48	1.89	<10	0.55	295	25	0.06	3	520	6	<5	<20	38	0.12	<10	34	<10	3	52
29	8088-18	<0 2	3.98	25	75	<5	2.57	<1	8	52	60	2.09	<10	0.43	341	3	0 10	38	970	10	<5	<20	504	0.07	<10	34	<10	8	50
30	8088-19	<0.2	2.77	5	60	<5	1.32	<1	5	72	54	2.36	<10	0.42	345	4	0.23	5	590	14	<5	<20	111	0.02	<10	19	<10	3	65
31	8088-20	<0.2	5.92	45	50	<5	3 32	3	4	81	16	1.08	<10	0 20	195	9	0.41	13	700	46	<5	<20	199	0.04	<10	33	<10	5	246
32	8088-21	0.2	2.21	10	65	<5	0.86	<1	14	88	118	2.78	<10	0.42	136	33	0.13	61	1280	8	5	<20	97	0.02	<10	86	<10	6	53
33	8088-22	<0.2	6.46	<5	85	<5	3.25	1	7	56	41	2.61	<10	0.94	181	5	0.19	7	720	28	<5	<20	308	0 07	<10	43	<10	4	28
34	8088-23	0.2	2.81	10	35	<5	0 88	2	4	77	40	2.16	<10	0 81	276	12	0 14	6	590	28	<5	<20	73	0 03	<10	29	<10	3	209
35	8088-24	0.4	1.61	<5	10	5	0.80	<1	35	58	162	>10	<10	0.25	469	3	0.15	46	350	32	<5	<20	74	0.05	<10	109	30	3	46
36	8088-25	1 0	1 26	5	60	<5	0.95	4	6	62	75	2.06	10	0.58	507	2	0.11	4	630	24	<5	<20	42	0.02	<10	27	<10	6	119
37	8088-26	0.2	0.94	10	75	<5	0 20	<1	2	36	8	1 75	<10	0.47	165	4	0.02	2	590	8	<5	<20	22	<0.01	<10	4	<10	3	22
38	8088-28	1.0	0.86	<5	90	<5	0 12	<1	3	49	11	2.12	<10	0.29	221	3	0.03	2	580	16	<5	<20	7	<0.01	<10	8	<10	3	70
39	8088-29	<0 2	2.27	5	65	<5	0 81	<1	8	95	39	2.51	<10	0.76	399	5	0 22	6	590	12	<5	<20	72	0.06	<10	30	<10	5	73
40	8101-1	<0.2	1.61	<5	140	<5	1 26	<1	12	147	101	2.34	30	1.12	279	3	0.10	15	900	22	<5	<20	47	0.17	<10	60	<10	6	28
41	8101-4	0.4	1.63	<5	30	<5	1.33	<1	10	55	141	3.88	10	0 18	35	4	0.14	28	1650	20	<5	<20	78	0.10	<10	22	<10	6	35
42	8101-7	0.2	0.08	<5	<5	10	5 52	<1	9	28	204	6.04	<10	0.11	537	<1	0.02	8	830	4	<5	<20	55	<0.01	<10	3	<10	1	5
43	8101-11	<0 2	0.80	5	20	<5	0.65	<1	2	164	10	0.61	20	0.03	30	1	0.05	8	210	12	<5	<20	43	0.03	<10	9	<10	10	15
44	8104-1	0 4	3.96	<5	30	<5	2 19	<1	37	151	240	5.37	<10	1.52	218	2	0.10	38	290	40	<5	<20	73	0.06	<10	33	<10	3	68
45	8104-2	<0 2	2.83	<5	25	<5	5 20	<1	32	57	157	5.42	<10	2.36	792	2	0.04	42	1410	8	<5	<20	65	0.34	<10	103	<10	5	70
46	8104-3	<0 2	0 22	<5	15	<5	7 58	<1	8	91	12	1.80	<10	5 94	695	<1	0.02	11	120	<2	<5	<20	76	<0.01	<10	10	<10	2	7
47	8104-4	<0 2	1.37	<5	15	<5	3.92	<1	15	86	32	2.12	<10	0.78	350	2	0.01	23	730	2	<5	<20	350	0 26	<10	46	<10	3	20
48	8104-5	<0 2	8.54	165	285	<5	1 50	<1	69	389	90	6.56	<10	5.38	350	5	0.18	189	1960	24	10	<20	116	0.24	<10	202	<10	4	95
49	8104-7	<0.2	1 30	<5	50	<5	1.27	<1	28	37	179	2.19	<10	0.36	56	2	0.16	50	1400	36	<5	<20	36	0.22	<10	31	<10	5	26
50	8104-8	<0.2	7.91	<5	65	<5	2.82	<1	108	9	407	8.19	<10	3 47	168	6	0.18	24	2670	20	<5	<20	64	0 18	<10	244	10	8	61
51	8104-12	<0 2	0.17	<5	30	<5	2 67	<1	2	137	36	0 86	<10	0.19	310	<1	0 01	7	30	<2	<5	<20	44	<0 01	<10	7	<10	1	2
52	8104-14	<0.2	7.85	<5	220	<5	3 54	<1	16	98	78	2.52	<10	1.28	143	4	0.58	36	450	38	<5	<20	300	0.09	<10	50	<10	2	55
53	8104-17	<0 2	5 00	<5	40	<5	2.91	<1	41	73	210	4.11	<10	1.03	134	5	0 27	29	1360	10	5	<20	114	0.28	<10	86	<10	5	18
54	8104-19	0.3	4.56	10	45	<5	3 67	<1	37	144	202	5.04	<10	2.35	341	3	0 07	86	1690	18	<5	<20	117	0 15	<10	89	<10	6	80
55	8105-3	<0 2	2 26	<5	355	<5	0.78	<1	11	94	10	2.72	40	0.88	394	2	0.17	8	770	12	<5	<20	59	0 26	<10	60	<10	12	64
56	8105-5	0.2	3.07	5	15	<5	1.92	<1	24	72	40	8.10	10	0.23	181	2	0 04	34	1410	18	5	<20	104	0.12	<10	22	10	4	14
57	8105-7	<0.2	1.43	<5	110	<5	0.55	<1	11	82	90	4.07	60	0 58	485	6	0 10	3	930	10	<5	<20	46	0.16	<10	20	<10	24	44
58	8106-1	<0.2	0.47	<5	15	<5	0 04	<1	3	158	4	1 78	<10	0.17	556	<1	0.02	10	190	20	<5	<20	9	<0.01	<10	3	<10	2	23
59	8106-2	<0.2	0 03	<5	10	<5	>10	<1	<1	4	2	0.13	<10	0.36	34	<1	0 01	2	100	<2	<5	<20	2023	<0.01	<10	2	<10	1	3
60	8106-3	<0 2	0.23	185	5	<5	0.09	<1	2	159	10	2.79	<10	<0 01	120	<1	0 01	8	110	<2	<5	<20	7	<0.01	<10	8	<10	1	19
61	8106-4	<0.2	0.27	15	5	<5	0 07	<1	6	212	58	2 88	<10	0.07	94	<1	0.03	13	100	<2	<5	<20	10	<0.01	<10	5	<10	1	6
62	8106-5	<0.2	0.24	4250	20	<5	0.04	8	10	141	19	2 65	<10	0.02	98	<1	0 01	13	80	<2	5	<20	5	<0.01	<10	7	<10	1	9
63	8106-6	<0.2	0.09	<5	<5	<5	0.02	<1	2	235	156	0 68	<10	<0 01	108	<1	<0.01	10	50	<2	<5	<20	3	<0.01	<10	3	<10	<1	14
64	8106-7	<0.2	0.68	<5	15	<5	4.03	<1	3	95	12	1.84	<10	0.39	490	<1	0.02	14	130	16	<5	<20	283	<0.01	<10	4	<10	5	44
65	8106-8	<0.2	0 23	<5	25	<5	8.10	<1	5	62	26	1.50	<10	0.20	694	3	0.02	11	100	18	<5	<20	809	<0.01	<10	2	<10	7	50
66	8106-10	<0 2	2.14	15	40	<5	0 17	<1	19	53	31	5.01	<10	0 98	173	2	0.02	42	240	68	<5	<20	28	<0.01	<10	14	<10	3	87
67	8106-11	<0 2	0.29	<5	20	<5	0 07	<1	6	116	45	3.45	<10	0.02	202	<1	0.01	16	90	2	<5	<20	5	<0 01	<10	7	<10	2	21

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																													
Repeat:																													
1	8087-1	0.2	2.49	<5	195	<5	1 19	<1	20	109	113	3.25	<10	2.16	435	1	0.14	47	1450	8	<5	<20	148	0.21	<10	111	<10	7	74
10	8087-12	<0.2	1.51	20	70	<5	0.66	6	106	81	88	3.53	<10	1.04	1254	1	0.09	46	920	10	<5	<20	69	0.11	<10	55	<10	4	277
19	8088-4	<0.2	2 40	15	55	<5	1.04	<1	5	69	15	1.96	<10	0 41	352	8	0.16	5	580	14	<5	<20	71	<0.01	<10	15	<10	3	88
28	8088-17	0.2	0.90	<5	60	<5	0.14	<1	4	62	48	2.00	<10	0.55	311	25	0 06	3	530	6	<5	<20	39	0.13	<10	35	<10	3	54
36	8088-25	0.8	1.26	5	60	<5	0.93	4	6	63	74	2.09	10	0.57	516	2	0.11	4	630	24	<5	<20	43	0.02	<10	27	<10	6	117
45	8104-2	<0.2	2.87	<5	25	<5	5.18	<1	32	57	159	5 42	<10	2.39	793	2	0.04	42	1430	8	<5	<20	66	0.36	<10	104	<10	6	70
54	8104-19	0.3	4.50	15	50	<5	3 71	<1	39	141	198	5.13	<10	2.31	341	4	0.07	89	1680	18	<5	<20	118	0.15	<10	90	<10	6	81
Standard:																													
Pb129a		11.3	0.82	5	50	<5	0 44	54	5	10	1422	1.50	<10	0.67	334	3	0.03	5	410	6178	15	<20	25	0.04	<10	14	<10	2	9936
Pb129a		11.8	0.83	5	55	<5	0 46	59	5	10	1439	1.50	<10	0 71	334	3	0 03	5	440	6158	15	<20	27	0.04	<10	14	<10	2	9923

ICP: Aqua Regia Digest/ICP AES Finish
Ag: Aquia Regia Digest/AA Finish

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer

NM/nw
df/2_78s
XLS/10

Sample #	Lab Analysis #
AHTHR001	8088-1
AHTHR002	8088-2
AHTHR003	8088-3
AHTHR004	8088-4
AHTHR005	8088-5
AHTHR006	8088-6
AHTHR007	8088-7
BWTHR001	8088-16
BWTHR002	8088-17
BWTHR003	8088-18
BWTHR004	8088-19
BWTHR005	8088-20
BWTHR006	8088-21
BWTHR007	8088-22
BWTHR008	8088-23
BWTHR009	8088-24
GHTHR001	8088-25
GHTHR002	8088-26
GHTHR003	8088-27
GHTHR004	8088-28
GHTHR005	8088-29
LJTHR001	8088-8
LJTHR002	8088-9
LJTHR003	8088-10
LJTHR004	8088-11
LJTHR005	8088-12
LJTHR006	8088-13
LJTHR007	8088-14

5.2 Soil and Silt Samples

13-Jan-10
Stewart Group
ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2010- 0013

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

No. of samples received: 26
Sample Type: Soil
Project: TH
Shipment #: TH09-001
Submitted by: Chris Gallagher

Values in ppm unless otherwise reported

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1	NTTHS005	10.4	0.4	1.95	14.2	192.0	0 78	0.39	0.74	11.7	63.5	26.1	3.17	6.6	25	0.14	12.5	0.64	1168	2.79	0.037	15.2	1187	40.47	0.04	0.88	2.6	0.4	47.0	0.10	1.8	0.033	0.14	1.4	66	1.3	94.7
2	NTTHS002	9.0	0.6	1.44	4.0	96.0	1.00	0.95	2.49	5 5	5.0	15.1	3 22	7.2	5	0.11	38.5	0 56	1078	7 22	0.035	1 9	953	87.56	0.02	0.16	4.0	0.9	82.0	0.30	16.4	0.007	0.06	5.6	40	0 6	195.7
3	AHTHS002	7.8	0.1	1 80	7.0	84.5	0 18	1.95	0.51	13.5	119.5	26.5	2.79	4.9	<5	0.17	4.0	1 36	450	1.53	0.068	32.8	502	18.86	0.04	0 96	4.4	0.2	211.0	0.08	2.4	0 071	0.18	0.8	72	1 3	60.9
4	THL00200+00N	16.0	4.8	2.58	12.6	206 0	8 84	1.34	17.09	14.5	19.0	193.2	4.19	7.8	15	0.11	22 0	0 81	3041	6.94	0.063	9.2	1182	1265.00	0.08	1.00	3.4	0.7	207.0	0.28	7.4	0 015	0.14	3.4	50	0 8	1464.0
5	THL00200+25N	19.0	1.8	3.03	13.9	195 5	2 42	1.69	6.71	13 5	29.0	90.5	3.48	7.8	10	0.12	15.5	0 94	1473	5.43	0.072	13.1	1029	470.50	0.06	0.92	3.2	0.6	359.0	0 26	6.8	0 010	0.18	3.1	54	1 0	494.8
6	THL00200+50N	23 2	0.9	3.40	11.8	112 0	1.12	1.56	4 62	9.8	34.0	49.3	2.88	8.0	20	0 13	14.0	0.91	1155	2.65	0.071	13.3	860	206.20	0.04	0.86	3.5	0.4	418.0	0.28	6.1	0.007	0.18	2.0	52	1.3	300.4
7	THL00200+75N	11 8	0 5	3 51	18.4	131.0	0 96	1.18	2 22	11 2	47.5	45.3	3 03	8 3	10	0.11	11.5	1.06	1131	4.18	0.071	19.5	958	161.20	0.08	0.94	3.6	0.4	298.0	0.20	4.7	0.007	0.20	1.7	60	1 5	236.1
8	THL00201+00N	16.2	0.7	4 01	40.1	110.0	0 62	1.92	3.20	14.8	40.5	74.7	4.06	9.6	10	0.18	10 0	1 51	1018	8.36	0 078	40.3	904	134.40	0.06	1.08	4.9	0.8	622.0	0.32	5.1	0.019	0.42	2.5	94	2.3	283.9
9	THL00201+25N	132.0	0 7	4 46	75.9	110.5	0 58	2.21	3.23	16.5	40.5	84.6	4.01	10.3	15	0.21	9.0	1 64	1023	8.04	0.074	55.1	981	131.50	0.06	1.12	5.4	0.9	753.0	0.38	4.5	0.014	0.52	2.5	112	2.1	270.1
10	THL00103+00N	9.6	0 6	1.38	10.4	260.0	1.10	1.98	1.96	10.7	40.0	43.7	2.43	4.6	75	0.16	11.5	0.53	1613	2.87	0.042	13.9	1155	59.32	0.12	0.72	1.6	0.4	143.0	0.10	1.7	0.025	0.14	2.5	46	1.4	73.1
11	THL00103+25N	9.6	0 7	1.20	10.3	152 0	1 16	2.09	2 11	12.4	36.5	46.0	2.44	4.3	105	0 20	9 5	0.50	1520	7.06	0.038	12.1	1385	48.73	0.12	0.80	1.6	0.3	219.5	0.10	1.8	0.026	0.14	5 0	46	2.5	77.2
12	THL00103+50N	10.8	0 5	0.73	5 1	54.5	0.44	1.85	1.81	7.6	20.0	24.9	1.25	2 7	55	0 14	8 5	0 46	1142	23.74	0.035	7.9	865	35.89	0.14	0.52	1.0	1.0	238.5	0.08	1.8	0 013	0.06	5.5	24	1 1	64.3
13	THL00103+75N	N/S																																			
14	THL00104+00N	8 2	0.3	0.97	7.4	115 5	0 82	0.65	1.23	7.4	38.5	21 1	2.10	3.8	30	0.16	9.0	0.41	460	10.25	0.039	9.9	711	36.82	0 06	0.58	1.7	0.3	75.0	0.08	1.3	0 024	0.10	2.7	44	1 9	56.9
15	THL00104+25N	5.0	0.1	1.42	9.6	61.5	0.76	0.51	0.44	9.0	52.0	15.9	2.71	5 5	10	0 14	11.5	0.61	587	6 21	0.036	11 8	968	29.24	0.02	0.62	2.2	0.2	64.5	0.08	2.0	0 020	0.10	3.6	58	1.6	68.8
16	THL00104+50N	5.2	0 2	1.08	6.4	159.5	0.78	1 02	2.09	10 2	32.0	32.1	1 99	4.4	30	0 16	8.5	0 40	2180	8.40	0.037	9 9	1173	37.92	0 06	0.52	1.0	0.3	128.5	0.08	0.7	0.016	0.08	8.8	44	1.2	83.3
17	THL00104+75N	5.4	0.3	1.37	12.8	84 5	0.68	0.94	1 04	9.6	43.0	38 8	2.29	6.7	15	0.15	14.0	0 53	1263	5 88	0.035	10.3	907	34 84	0.04	0.76	2.0	0.5	131 5	0 06	1.7	0.019	0.08	37.2	68	1.2	65.8
18	THL00105+00N	4 8	0.4	1.11	8.1	152.0	0.78	0.78	1.32	14.2	44.0	37.0	2.29	5 0	15	0 17	9.0	0.42	2037	9 92	0.035	13.4	1314	32.67	0.04	0.50	1 3	0.3	97.0	0.06	0.8	0 019	0.08	11 4	54	1.3	63.1
19	THL00105+25N	4.6	0 2	1.23	8.5	144.5	0 98	0.80	0.77	17 5	51.5	27.8	2.67	6 3	20	0 26	10.0	0 52	2219	7.79	0.039	12.6	947	40.78	0 04	0.60	2 4	0 2	101.5	0 06	1.6	0 032	0.12	7.3	62	2.2	63.1
20	THL00105+50N	5 2	0.9	0.96	5.9	147 5	0.92	1.23	1.67	10.6	35.0	54 6	2.17	3 8	30	0 12	8.5	0.22	1770	13.58	0.032	13.4	775	35.40	0.08	0.74	1 3	0.5	131.0	0.10	0.9	0 019	0.06	14 6	36	1.5	41.7
21	THL00105+75N	17.6	0.4	0.47	8.1	42.0	0.22	3 71	0 24	2.2	42.0	39.4	0.64	2.3	45	0.03	7 0	0 13	273	3 83	0.042	3 1	971	30.97	0 24	1.48	0.4	2 6	311.0	0 04	0.5	0.006	0.06	77.3	18	0.5	9.8
22	THL00106+00N	3.6	0.1	1.39	7.6	90.0	0.56	0.48	0 37	10.4	42 0	16.1	2.62	5 4	<5	0.11	12.0	0.66	841	3.78	0.035	11.2	748	24 05	0.02	0.74	1.7	0.2	53 5	0 04	1.8	0.011	0.08	1.7	56	1.3	54.4
23	THL00106+25N	12.0	0.1	1.33	8.6	127.0	0.72	0.42	0.35	8.6	48.5	15.5	2.55	5.1	10	0 11	10 5	0.51	716	2 37	0.034	12.0	704	29.72	0.02	0.68	1 9	0 2	56.5	0.08	1.7	0.014	0.10	1.4	58	2.4	55.4
24	THL00106+50N	28 6	0.2	1 08	8.9	99 0	0.96	0 23	0.37	6.6	48.5	14.0	2.44	5 5	15	0 07	6.0	0.40	494	3.51	0.034	10 3	557	27.39	0.02	0.68	0 8	0 1	37 5	0.08	0.3	0.013	0.10	1 0	60	2 0	52.6
25	THL00106+75N	4.8	0.2	1 48	16.8	55 0	0.70	0.24	0.25	7 7	64.0	17 0	2.96	5 6	15	0 07	8.5	0.47	304	3 24	0.035	13.0	534	23.29	0.02	0.80	2 5	0 3	33.5	0.08	3.6	0.040	0.10	1.2	72	1.7	48.2
26	THL00107+00N	4.6	0 3	1 04	12.1	84 5	0.56	0.36	0 31	7 7	45.5	19.9	2.38	4.2	10	0 06	9 5	0 45	599	1.38	0.034	12 4	394	19 25	0.02	0.58	1 8	0 2	40.0	0.10	1.5	0.032	0.10	1.1	54	1.3	42.2
QC DATA:																																					
Repeat:																																					
1	NTTHS005	8 0	0 3	1.92	14.6	191 0	0 82	0.38	0.69	11.8	63.0	25 3	3.18	6 5	25	0.14	12.5	0.62	1172	2.76	0 035	15.0	1201	39.73	0.04	0.90	2 5	0 4	46 5	0 08	1.6	0.038	0.14	1.4	66	1.5	93.2
10	THL00103+00N	7 2	0 6	1.33	10.2	261.0	1 28	1 97	1.93	10.5	39.5	41 2	2.38	4.6	75	0 15	11 0	0.52	1585	3.00	0.039	13 6	1128	56.10	0.10	0.74	1.4	0 3	139 5	0 12	1.5	0.023	0.14	2.5	46	1.8	71.1

ECO TECH LABORATORY LTD. ICP CERTIFICATE OF ANALYSIS AK 2010- 0013 BOOTLEG EXPLORATION INC.

Et #.	Tag #	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
Standard:																																			
OXE74	624.6	0.1	1.63	1.5	62.0	0.04	0.90	0.04	18.5	53.0	25.7	3.12	5.6	<5	0.38	12.0	1.40	437	1.77	0.675	73.7	962	11.34	0.04	<0.02	1.3	0.2	163.5	0.04	1.6	0.411	0.04	0.6	48	0.2	44.9

Aqua Regia Digest/ICPMS Finish

ECO TECH LABORATORY LTD.
Norman Monteith
B C. Certified Assayer

NM/nw
df/msr0013S
XLS/100

20-Jan-10

Stewart Group
ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2010-0038

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

No. of samples received: 30
Sample Type: Soil/Silt
Shipment #: TH09-003
Submitted by: Chris Gallagher

Values in ppm unless otherwise reported

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1	LJTHS003	9.2	1.50	1.33	4.5	72.5	3.70	1.24	3.04	7.7	14.5	32.0	3.14	6.0	25	0 12	22.5	0.73	1052	18.40	0.073	6.2	1211	132.70	0.06	0.44	2.6	0.6	154.5	0 12	10.4	0.049	0.16	3.3	48	0.9	234.1
2	LJTHS005	45.4	1.66	1.52	6.7	158.5	2.08	1.05	5.62	5.5	9.5	34.5	2.67	6.3	35	0.14	36.5	0.50	1253	7.70	0.076	4.7	1141	122.10	0.06	0.42	3.2	1.6	149.5	0 20	11.3	0.009	0.18	28 8	34	0.7	308 7
3	THL00201+50N	28 2	0.88	4.10	46.7	108.5	1.02	2.11	2.70	13.3	39.5	89.6	3.88	9.8	50	0 15	8.5	1.81	904	7.77	0.107	44.6	1164	188.80	0.08	1.24	4.6	1 0	521.5	0 22	4.5	0.022	0.42	2.2	94	3.0	346.6
4	THL00201+75N	17.6	1.02	3.87	41.0	110.5	1.28	1.47	2.98	16.0	46.5	93.2	4.00	9.4	45	0.17	9.0	1.78	1131	7.24	0.090	42.7	1002	211.00	0.06	1.34	4.9	0.7	448.5	0.24	5.1	0.027	0.42	2.4	92	2.3	357.9
5	THL00202+00N	7.2	0.40	3.79	18.0	102.5	0.72	1 64	1.19	17.7	80.5	53.8	3.83	8.7	35	0.26	8.0	1.85	861	2.18	0.097	41.4	1190	38.85	0.06	1.22	4.9	0.5	527.0	0.14	4.4	0.028	0.34	1.5	78	2 2	158.7
6	THL00202+25N	6.4	0.26	2.63	14.9	103.0	0.64	2.04	0.76	22.5	160.0	49.3	4 02	6.6	25	0.21	4.5	2.40	691	1.32	0.085	69.3	761	30.21	0.04	1.54	6.0	0 3	309.0	0.06	2.6	0.066	0.26	0.7	96	1.4	113.4
7	THL00202+50N	4.2	0.26	2.20	9.0	149.0	0.60	1.65	0.30	33.2	235.5	53.8	5.66	6.7	20	0 25	3.0	2.70	664	0.66	0.080	76.2	795	16.29	0.04	1.64	8.9	0 3	114.5	0.12	1.3	0.154	0.36	0.3	140	1.2	65 0
8	THL00202+75N	21.8	0.36	3.23	10.5	112.5	0.80	1.05	2.69	13.7	67.0	74.1	3.21	8 8	35	0.23	7.0	1.59	671	3.32	0.080	28.9	961	92.76	0 06	1.40	4.9	0 4	234.0	0.14	3.7	0.058	0.34	2.7	70	3 8	171.9
9	THL00203+00N	6.6	0.36	2.01	9.1	126.5	0.74	0.96	1.29	17.9	103.5	53.3	3.18	5.6	85	0.24	5.0	1.50	785	1.95	0.068	35.9	906	45.76	0.12	1.20	5.1	0.3	99.5	0.12	1.2	0.057	0.42	1.1	74	1.5	104.7
10	THL00203+25N	5.8	0.38	2.15	7.2	135.5	0.62	0.97	0.83	21.1	139.5	59.8	3.80	5.7	25	0.19	5.0	1.88	622	0.88	0.079	46.3	912	34.83	0.04	1.12	7.0	0.3	108.5	0.12	1 9	0.073	0.42	0 8	86	2.1	91.2
11	THL00203+50N	16.0	0.44	2.45	10.1	99.5	0.94	1.02	1.28	15.7	63.5	128.0	3.02	8.3	35	0.18	9.5	1.31	638	2.93	0.082	25.2	973	59.69	0.06	1.18	4.8	0.5	125.0	0.08	3.5	0.105	0 28	2.3	72	1.3	142.2
12	THL00203+75N	31.6	0.42	3.10	12.9	116.5	0.90	1.01	1.27	12.3	49.5	60.7	2 86	8.1	30	0.14	9.0	1.22	648	4.13	0.093	25.7	985	60.98	0.06	1.36	3.9	0.6	211.0	0 10	4.8	0.055	0.24	2.9	66	2.3	139.1
13	THL00204+00N	16.6	0.50	4.14	15.1	127.0	1.10	1.04	1.56	13.2	60.0	53.3	3 06	10.6	50	0 16	9.0	1.25	783	3.10	0.090	25.5	990	114.70	0.06	1.74	4.2	0.5	210.0	0.08	5.2	0.061	0.26	2.4	64	5.3	202.4
14	THL00300+00N	10.0	1.40	2.71	22.6	102.0	1.52	1.43	4.40	11.2	38.0	106.2	3.25	6.5	40	0 14	10.5	1.19	1193	4.04	0.100	22.5	989	321.50	0 06	1.72	3.2	0.6	300.5	0.26	5.5	0.027	0.24	1.8	54	1.2	551.1
15	THL00300+25N	16.2	1.14	1.97	16.8	92.5	1.16	0.87	2.95	13.4	79.5	83.5	3.37	5.4	65	0.10	10.5	1.08	972	2 61	0.076	26.8	890	234.00	0.06	1.40	4.0	0 5	166.5	0.14	5 0	0.038	0.20	1.9	66	1.3	348.6
16	THL00300+50N	13.0	0 62	2.23	13.6	76.0	0.94	1.14	2.97	9.8	47.5	57.9	2.78	5.9	30	0.09	11 0	0.94	763	2.28	0.103	16.8	855	122.50	0 04	1.06	3.5	0.4	170.5	0.14	5.7	0.023	0.18	1.6	52	1.1	245.8
17	THL00300+75N	16.4	0.38	2 57	14.0	109.0	0.98	1.22	1 81	8.0	21.0	60.9	2.71	6 3	30	0.18	10.5	1.00	737	5.71	0.094	19 3	1116	107.10	0.08	0.78	2.5	0 5	252.5	0.14	3.2	0.018	0.22	2.6	52	1.1	228.7
18	THL00301+00N	24.4	0.32	0.98	2.3	57.0	0.60	0.26	0.34	1.9	3.0	88.6	2.23	3.0	20	0 06	12.5	0.38	312	8.34	0.075	1.5	624	32.05	0.08	0.28	1 9	0.6	77.0	0.08	6.4	0.012	0.10	4 4	22	<0.1	82.3
19	THL00301+25N	16.0	0.56	1.73	11.4	102.5	1.04	0.47	1.11	4.7	22 5	60.0	2.58	5.4	50	0.07	9.0	0.53	361	8.86	0.076	8.3	673	75.01	0.08	0.74	1.0	0.4	106.0	0.10	0.8	0.016	0 16	2.0	44	0.9	114 3
20	THL00301+50N	8.6	0.58	2.34	22 2	123.0	1.22	0.46	1 09	11.5	37 0	81.7	3.11	6.2	55	0.15	11.0	0.85	845	7.06	0.073	18.7	901	91.67	0.10	1.04	2.8	0.8	156.0	0.12	2.2	0 028	0.24	3.0	54	1 7	178.6
21	THL00301+75N	10.0	0.52	2.22	24 3	98.5	0.88	1.11	2.95	11.5	31.0	48.8	2.62	5.8	55	0.09	6.5	0.76	1086	6.61	0.085	19.7	909	103.10	0.14	1.04	1.7	0.6	216.5	0.14	1.3	0.018	0.28	1.8	56	1.6	134.3
22	THL00302+00N	16 2	0.98	4.41	54.1	118.5	0.84	1.87	3.42	16.2	39.5	92.3	4.56	10.1	40	0.21	8.0	1.93	1119	10.24	0.101	47 0	1164	143.20	0.08	1.48	4.8	0.9	683.5	0.28	4.3	0.016	0.48	2.7	102	3.9	366 4
23	THL00302+25N	8.0	0.40	3.48	19.7	81.5	0.62	1.60	1.01	11.3	50.0	48.9	2.95	7.7	25	0 14	7.0	1.92	796	2.58	0.095	31.8	845	49.51	0 04	1.00	3.7	0.4	440.0	0.12	3.9	0.023	0.22	1.2	60	1.9	155.8
24	THL00302+50N	13.8	0.32	2 23	13.0	157.0	0.56	1.43	0.63	26.1	187.0	46.8	5.11	6.7	20	0 25	9 0	2.24	744	1.60	0.087	63.5	985	21.16	0 06	1.62	7.4	0.4	131.5	0.12	4.9	0.117	0.32	1.8	116	1.3	79.9
25	THL00302+75N	5 4	0.28	2.06	9.3	204.0	0.68	0.73	1.16	9.6	29.0	22.5	3.18	7.4	35	0.21	20.5	0.75	1003	2.85	0.067	13.0	1089	33.18	0.06	0.62	4.8	0.5	105.5	0.08	9 2	0.064	0.22	3.7	48	0.9	134.6
26	THL00303+00N	7 4	1.96	2.50	12.9	209.5	2 14	1.33	1.57	10.8	31.0	26.5	3.50	8.0	75	0 19	18.5	0.76	1688	3.60	0.083	12.3	1039	56.43	0.08	0.88	3.5	0.6	123.0	0.62	5 3	0.060	0.24	5.0	54	0.9	172.5
27	THL00303+25N	12.4	2.46	2.12	12.2	129.0	1.44	1.97	3.21	9.0	21 5	43.9	2.94	7.0	60	0.15	20.5	0.64	3429	2.65	0.095	9.9	538	94.94	0 10	1.02	2.4	0.7	103.5	0.44	3.7	0.034	0.22	2.4	40	1 3	279.9
28	THL00303+50N	4 2	1.72	1.88	14.5	158.5	1.06	0.75	1.36	9.5	17.0	89.6	4.02	7.9	50	0 20	22.0	0.49	2647	5.54	0.066	7 2	1120	113.10	0 06	1.48	3.8	0.6	64.5	0.28	5.8	0.014	0.26	3.4	40	0.7	229.4
29	THL00303+75N	22 2	16.12	2.57	16.5	241.5	14.50	1.07	7.07	17.0	19.0	46.0	3.52	7.4	115	0.12	21.5	0.58	2325	16 23	0.087	16 5	1065	319.50	0.08	1.74	2.9	0.8	296.5	10 32	8.4	0.013	0.26	7.4	48	2.6	478.6
30	THL00304+00N	7.4	3.78	2.32	16.3	200.0	3.72	0.76	13.55	7.3	34.0	193.4	3.37	6.8	50	0.11	19.5	0.64	1725	4.10	0.071	13.9	911	188.40	0 04	2.10	3.6	0.8	79.0	0.46	7.1	0.006	0.26	2.9	44	1.2	1557.0

ECO TECH LABORATORY LTD. — ICP CERTIFICATE OF ANALYSIS AK 2010-0038 — BOOTLEG EXPLORATION INC.

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
QC DATA:																																				
Repeat:																																				
3	THL00201+50N	16.0	0.80	3.74	43.5	100.5	0.92	1.93	2.45	12.4	36.5	82.5	3 58	8.8	45	0.14	8.0	1.64	831	6.83	0.106	41.7	1063	173.60	0.08	1.16	4.2	0.9	475.5	0.24	3.4	0.021	0.38	2.1	88	2.6	320.
10	THL00203+25N	5.6	0.38	2.52	8.3	153.0	0.64	1.12	1.00	24.1	163.5	68.1	4.36	6.6	25	0.22	5 5	2.18	717	1.00	0.084	54.4	1021	39.87	0.06	1.38	8.6	0.2	124.0	0.10	2.7	0.094	0.48	1.0	100	1.8	104.
19	THL00301+25N	5.6	0.54	1.65	10.4	93.0	0.92	0.43	1.01	4.3	21.5	55.6	2.36	5.2	45	0.07	8.5	0.48	328	7.90	0.070	7.9	606	66.24	0.08	0.72	1.0	0.4	95.5	0.10	0.7	0.015	0.14	1.8	42	0.8	105.
28	THL00303+50N	4.2	1.60	1.77	14.0	152.5	1.04	0.72	1.39	9 1	16.5	85.3	3.85	7.5	50	0.19	21.0	0.46	2534	5.31	0.058	6.9	1089	109.20	0.06	1.42	3.3	0.6	62.0	0.32	5.0	0.015	0.26	3.2	40	0.7	216
Standard:																																				
OXE74		637.4	0.08	1.70	1.3	67.5	<0.02	0.81	0.03	21.6	58.5	31.0	3.41	6 2	10	0.39	13.0	1.56	495	1.64	0.685	81.7	1012	14.99	0.04	0.02	1.3	0.2	178.5	0.02	2.0	0.401	0.06	0.6	56	0.1	49.0

Aqua Regia Digest/ICPMS Finish

NM/nw
df/msr0038AuS
XLS/10

ECO TECH LABORATORY LTD.
Norman Morriteith
B.C. Certified Assayer

Rita Clair

From: Info [info@eagleplains com]
Sent: Thursday, March 18, 2010 9:53 AM
To: Rita
Subject: FW. Attn. Rita Clair - Touchdown Free Miners' Certificate

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From: Penilla Klomp [mailto:penilla@lvfh.net]
Sent: March 17, 2010 5:01 PM
To: info@eagleplains.com
Subject: Attn: Rita Clair - Touchdown Free Miners' Certificate

Hi Rita,

Attached herewith is Touchdown's FMC so that the online transfer, via MTO, of all the Sphinx Jodi claims to Touchdown can be carried out

If you have any questions, please let me know.

Thanks and best regards,

Penilla Klomp
penilla@lvfh.net
Cell.(604) 341-6870
Tel: (604) 669-0401
Fax: (604) 669-0414

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Appendix VI – Bedrock Geologic Mapping

6.1 Station Locations
6.2 Lithology
6.3 Structure

Appendix 6.1 - 2006 Field Mapping Stations

Station Number	Date (dd/mm/yyyy)	Type	Elevation (m)	Easting (m)	Northing (m)	Location Method	GPS Accuracy (m)	Comments
AHTHG001	29/06/2009	outcrop	1058	503763	6652294.8	GPS	3	1 5 m shear zone, with gn, py +/- aspy and qtz veining. Could be related to nearby fg mafic dyke
AHTHG002	29/06/2009	outcrop	1178	503513	6652234.8	GPS	2	shear/alteration zone in granite with diss py, near historic sample with 200 ppb Au, granite recrystallized to finer grained unit
AHTHG003	02/07/2009	outcrop	1568	502982	6651931.1	GPS	5	diss py and cpy in volcaniclastic gossanous rock, possible shearing
AHTHG004	02/07/2009	outcrop	1706	502950	6651557.4	GPS	1	
AHTHG005	02/07/2009	outcrop	1776	502850	6651692.2	GPS	1	
AHTHG006	02/07/2009	outcrop	1835	502682	6651827.8	GPS	1	
BWTHG001	29/06/2009	outcrop		503602	6652258	GPS	15	sample from sheared rotten base, granite has variable purportions of k-spar, plag, qtz, biotite, +/- horneblende
BWTHG002	30/06/2009	outcrop		503357	6651961	GPS	12	
BWTHG003	01/07/2009	outcrop		504063	6651737	GPS	13	
BWTHG004	01/07/2009	outcrop		503874	6651777	GPS	12	granitic dyke in siltstone, weakly pyritic
BWTHG005	01/07/2009	outcrop		503843	6651779	GPS	13	Fe staining and sericite on fracture planes, some disseminated pyr, sample taken across bedding
BWTHG006	01/07/2009	float		503687	6651744	GPS	15	float on ridge south of creek, quartzite with cm size mafic dyke
BWTHG007	01/07/2009	outcrop		503657	6651793	GPS	10	pod of rhyolite in quartzite, small clay altered vein at contact, contact follows bedding
BWTHG008	02/07/2009	outcrop		502919	6651949	GPS	11	minor brecciation in siltstone
BWTHG009	02/07/2009	outcrop		502856	6652086	GPS	8	green volcanic rock with bands of magnetite, float beneath cliff
BWTHG010	02/07/2009	outcrop		502784	6652211	GPS	6	gossen to breccia, over large area
BWTHG011	02/07/2009	outcrop		502650	6652360	GPS	12	granite - volcaniclastic - siltstone contact, some mixing of rock types but contact is quite well defined

Appendix 6.2 - Lithology

Station Number	User	Date (dd/mm/yyyy)	Station Type	Map Unit	Rock Type	Colour	Colour Weathered	Grain size	Texture	Mineralization	Mineralization Minor	Min. Style	Min. %	Alteration	Alt. Degree
AHTHG001	AH	29/06/2009	outcrop		Granite	grey	grey	medium	equigranular				0		
AHTHG002	AH	29/06/2009	outcrop		Granite	brownish	brown	fine-medium					0		
AHTHG003	AH	02/07/2009	outcrop		Volcaniclastic rock	greenish	grey	fine-medium	volcanoclastic				0		
AHTHG003	AH	02/07/2009	outcrop		Volcaniclastic rock	greenish	grey	fine	altered				0		
AHTHG004	AH	02/07/2009	outcrop		Volcaniclastic rock	grey	rusty	fine-medium	altered				0		
AHTHG005	AH	02/07/2009	outcrop		Pyroclastic	white	rusty	medium	sheared				0		
AHTHG006	AH	02/07/2009	outcrop		Andesite	greenish	greenish	fine	sheared				0		
BWTHG001	BW	29/06/2009	outcrop		Granite	rusty	rusty	medium-coarse	rotten				0		
BWTHG002	BW	30/06/2009	outcrop		Granite	grey	brown	medium	equigranular				0		
BWTHG003	BW	01/07/2009	outcrop		Quartz Wacke	grey	tan	fine-medium	massive				0		
BWTHG004	BW	01/07/2009	outcrop		Siltstone	dark	dark	fine-medium	bedded				0		
BWTHG005	BW	01/07/2009	outcrop		Siltstone	dark	rusty	fine-medium	massive				0		
BWTHG006	BW	01/07/2009	float		Quartzite	greyish	white	fine-medium	massive				0		
BWTHG007	BW	01/07/2009	outcrop		Quartzite	grey	brown	fine-medium	bedded				0		
BWTHG008	BW	02/07/2009	outcrop		Siltstone	dark	rusty	fine	brecciated				0		
BWTHG009	BW	02/07/2009	outcrop		Volcaniclastic rock	greenish	brownish	fine-medium	banded				0		
BWTHG010	BW	02/07/2009	outcrop		Quartzite	grey	rusty	medium	massive				0		
BWTHG011	BW	02/07/2009	outcrop		Volcaniclastic rock	green	grey	fine	volcanoclastic				0		

Appendix 6.3 - Structure

Station Number	Structure Name	Quality	Azimuth	Dip / Plunge	Comments
AHTHG001	shear plane	MODERATE	355	88	
AHTHG003	shear plane	MODERATE	14	80	
AHTHG005	shear plane	MODERATE	340	88	
AHTHG006	shear plane	GOOD	110	48	
BWTHG004	dike	GOOD	165	75	

Appendix VII – XRF

7.1 XRF Techniques
7.2 XRF Geochemical Results – Rocks
7.3 XRF Geochemical Results - Soils/Silts

Appendix 7.1 – XRF Techniques

Sample Preparation

The soil and silt samples were first completely dried while in the original soil bags. The samples were then sieved to less than 250μm size; a minimum of 1 teaspoon of this fine fraction was placed in a labelled thin plastic bag (e.g. Ziplock bag). Rock Samples were taken to Stewart Group Prep Lab in Whitehorse where the rocks were crushed and pulverized. The pulps and rejects were then shipped to Bootleg Exploration Inc. in Cranbrook, BC where they were analyzed by the same method as the silts and soils.

XRF Analysis

Soil, silt and rock samples were analyzed using a Niton XLp 522K handheld x-ray fluorescence (XRF) analyzer. The ziplock bags were shaken to compact the sample in a bottom corner of the bag and this was then positioned under the XRF analyzer window. Samples were analyzed for a total of 90 seconds using 2 filters for 45 seconds each. Results were downloaded to the Bootleg database at the end of each day and quality assurance and quality control procedures were conducted.

Quality Control Quality Assurance

The integrity of the XRF analyzer was tested daily by verifying calibration of the analyzer, as well as analyses of blank samples and standards. As an internal QAQC function, the Niton XLp 522K will not function if the calibration fails. Blanks and standards are compared to assure they are within the accepted range of values provided by the standard supplier. Duplicate samples were analyzed approximately every 25 samples and results were compared nightly.

Appendix 7.2 - Rock XRF Geochemical Results

Sample		Analysis		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	Cr	Ba	K	W	Hg	Te	Sn
Number	Medium	Date	Class	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
AHTHR001	ROCK	20/10/2009	BULK	9.09	0	198.48	200	0	0	0	992	0.86008	0	19	14.04	26.94		0.026	208.7	262	0.76719	0	0	86.37	24.51
AHTHR002	ROCK	20/10/2009	BULK	0	134.75	188.15	167	0	0	0	325	2.93624	100.72	172	18.17	40.1		0.567	76.03	607	1.45284	0	0	169.01	63.05
AHTHR003	ROCK	20/10/2009	BULK	0	0	44.45	134	0	0	0	555	1.58466	0	433	0	36.83		1.043	59.38	941	2.00981	0	0	133.88	33.23
AHTHR004	ROCK	20/10/2009	BULK	11.14	0	33.8	125	0	0	0	339	1.50124	0	149	0	36.31		0.908	115.85	1059	2.85239	0	0	153.81	26.38
AHTHR005	ROCK	20/10/2009	BULK	0	69.11	0	104	0	0	0	3361	9.82819	17.01	139	0	84.18		5.389	41.75	489	0	0	0	270.23	68.97
AHTHR005	ROCK	20/10/2009	INDBULK	0	0	0	92	0	0	0	2995	10.4425	0	70	0	0	0	9.465	240.34	0	0	0			0
AHTHR006	ROCK	20/10/2009	BULK	0	0	0	59	0	0	0	0	1.9287	33.05	109	0	32.17		0.119	107.83	633	2.61954	0	0	65.48	24.24
AHTHR007	ROCK	20/10/2009	BULK	0	0	0	120	0	0	0	1728	7.789	56.53	154	0	78		9.965	78.1	434	0	0	0	286.99	79.88
AHTHR007	ROCK	20/10/2009	INDBULK	0	0	0	88	0	0	0	1899	8.76126	37.95	76	0	0	0	15.04	245.71	0	0	0			0
BWTHR001	ROCK	20/10/2009	BULK	0	0	22.91	82	0	0	0	1383	1.91953	25.54	161	0	0		0.666	119.19	516	2.19531	0	0	74.19	24.83
BWTHR002	ROCK	20/10/2009	BULK	13.46	60.45	35.36	53	0	0	0	341	1.36552	0	554	0	38.15		1.149	78.38	1002	1.5029	0	0	138.47	22.27
BWTHR003	ROCK	20/10/2009	BULK	0	85.19	0	246	0	0	0	4294	4.45586	31.23	715	22.07	66.7		6.668	0	672	0.72794	0	0	270.87	79.45
BWTHR004	ROCK	20/10/2009	BULK	0	49.1	26.25	117	0	0	0	683	2.00468	0	291	19.33	46.13		1.381	83.78	1074	2.31457	0	0	134.95	39.37
BWTHR005	ROCK	20/10/2009	BULK	11.88	0	38.09	314	0	0	0	488	1.29955	42.29	310	0	49.77		2.722	133.79	1251	1.75902	0	0	142.23	31.83
BWTHR006	ROCK	20/10/2009	BULK	22.79	120.56	16.98	96	0	86.6	0	151	2.49476	17.81	340	0	57.82		0.663	155.93	1317	2.83379	0	17.58	175.7	41.16
BWTHR007	ROCK	20/10/2009	BULK	0	57.39	17.8	79	0	0	0	538	3.26799	0	476	0	35.68		3.237	49.72	986	1.58165	0	0	150.75	38.86
BWTHR008	ROCK	20/10/2009	BULK	0	0	61.14	281	0	0	0	330	1.93239	0	203	0	40.91		0.622	104.79	627	3.10669	0	0	147.98	37.6
BWTHR009	ROCK	20/10/2009	BULK	0	163.35	36.34	290	0	0	0	5499	54.0861	0	133	0	88.15		2.613	0	561	0.1191	0	0	300.66	94.04
BWTHR009	ROCK	20/10/2009	INDBULK	15.67	0	35.71	268	0	0	0	2530	31.0606	0	71	0	0	0	7.37	140.16	0	0.52078	0			64.6
GHTHR001	ROCK	20/10/2009	INDBULK	0	0	45.63	257	0	228.3	0	2520	31.1546	0	64	0	0	0	7.334	131.65	0	0.51482	0			0
GHTHR001	ROCK	20/10/2009	BULK	0	76.35	28.49	142	0	0	0	505	1.69737	17.82	361	0	31.43		1.367	87.05	1488	1.79188	0	0	120.88	21.84
GHTHR002	ROCK	20/10/2009	BULK	0	0	18.81	43	0	0	0	194	1.32757	0	559	0	38.15		0.326	43.11	927	2.1569	0	0	86.14	34.2
GHTHR003	ROCK	20/10/2009	BULK	0	344.56	221.65	1318	18.98	0	0	7473	19.3375	0	204	30.49	103.25		1.85	0	507	0	0	0	255.79	130
GHTHR003	ROCK	20/10/2009	INDBULK	0	365.26	227.09	1072	0	0	0	6024	16.036	0	110	0	0	0	4.444	197.79	0	0	0			54.24
GHTHR004	ROCK	20/10/2009	BULK	0	0	42.54	113	0	0	0	234	1.65426	0	177	0	0		0.243	53.65	1866	3.16397	0	15.28	0	0
GHTHR005	ROCK	20/10/2009	BULK	0	46.98	0	90	0	0	0	405	1.96851	0	242	16.25	25.51		1.104	107.13	775	2.44747	0	0	193.35	45.02
LJTHR001	ROCK	20/10/2009	BULK	0	1305	51.78	0	0	0	0	446	3.71659	0	495	25.5	57.37		4.945	97.14	429	0.1015	0	0	225.93	64.91
LJTHR002	ROCK	20/10/2009	BULK	0	109.02	37.68	117	0	0	0	324	6.74833	217.1	600	0	63.3		0.859	60.42	1528	1.01913	0	0	235.85	57.54
LJTHR002	ROCK	20/10/2009	INDBULK	0	120.83	28.22	76	0	0	0	354	8.15776	179.4	337	0	0	0	1.506	223.12	1318	1.8403	0			0
LJTHR003	ROCK	20/10/2009	BULK	0	51.84	25.17	77	0	0	0	875	1.89629	0	455	0	41.56		2.144	92.62	1050	1.15604	0	0	115.01	36.23
LJTHR004	ROCK	20/10/2009	BULK	0	730.69	66.68	305	24.72	0	0	1053	73.3309	87.01	181	32.07	74.88		1.702	0	556	0	0	0	196.46	99.19
LJTHR004	ROCK	20/10/2009	INDBULK	0	769.57	61.75	247	0	0	0	577	36.0566	36.41	90	0	0	0	5.071	0	0	0	0			0
LJTHR005	ROCK	20/10/2009	BULK	0	0	0	94	0	0	0	1371	5.58801	54.78	140	0	66.33		11.06	75.74	376	0	0	0	253.11	56.55
LJTHR005	ROCK	20/10/2009	INDBULK	0	0	0	112	0	0	0	1694	7.09021	36.37	84	0	0	0	15.86	244.85	0	0	0			0
LJTHR006	ROCK	20/10/2009	BULK	0	736.14	69.04	5538	0	0	0	3140	2.43758	23.39	116	137.94	38.06		4.757	56.01	454	0.36173	0	0	149.63	61.42
LJTHR007	ROCK	20/10/2009	BULK	0	0	0	69	0	0	0	1233	4.90225	108.67	101	0	66.11		11.46	125.59	443	0	0	0	242.54	63.94

Appendix 7.3 - Silt XRF Geochemical Results

Sample		Analysis		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	Cr	Ba	K	W	Hg	Te	Sn
Number	Medium	Date	Class	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
AHTHS001	SILT	15/07/2009	BULK	0	44.2	31.47	67		0	0	671	2.70974	0	278				2.6557	42.9		1.36471	0	0		
AHTHS002	SILT	15/07/2009	BULK	0	54.7	22.8	93		0	472.6	1032	4.71539	20.1	556				4.86976	172		0.64753	0	0		
LJTHS001	SILT	11/01/2010	BULK	0	0	84.3	138	0	0	0	907	2.79108	0	478	17.8	47.3		1.6249	0	1022	1.82325	0	0	166.8	32.5
LJTHS002	SILT	11/01/2010	BULK	0	0	63.31	109	0	0	0	755	2.60648	0	441	0	49.7		1.46428	0	1019	1.59257	0	0	173.8	33
LJTHS003	SILT	11/01/2010	BULK	0	0	120.4	182	12.3	0	0	1104	2.89619	0	482	15.9	49.8		1.67546	0	1039	1.80109	0	0	205.7	50.4
LJTHS004	SILT	11/01/2010	BULK	0	0	72.37	163	0	0	0	1038	2.88431	0	340	0	34.7		1.10464	0	849	1.78964	0	0	89.16	36.5
LJTHS005	SILT	11/01/2010	BULK	0	57.7	124.2	336	0	0	0	1064	2.55758	0	306	0	0		1.00308	0	577	2.0497	0	0	0	0
LJTHS006	SILT	11/01/2010	BULK	0	0	74.43	226	0	0	0	869	2.29362	0	315	0	27.1		1.07117	0	811	1.95396	0	0	117.1	27.5
LJTHS007	SILT	11/01/2010	BULK	0	68.2	40.91	89	0	0	0	924	3.4215	0	534	0	53.1		1.78127	48.9	1014	1.48908	0	0	196.8	39.1
LJTHS008	SILT	11/01/2010	BULK	0	70.1	39.79	69	0	0	0	1281	3.97344	0	555	0	31.7		1.65572	0	1055	1.80128	0	0	128.3	37.3
LJTHS009	SILT	11/01/2010	BULK	0	0	24.55	66	0	0	0	475	2.37832	0	394	0	33.7		1.9062	0	719	1.62727	0	0	92.93	24.2
LJTHS010	SILT	11/01/2010	BULK	0	0	43.31	43	0	0	0	520	1.88346	0	354	0	55.6		1.42709	36.3	1042	1.39649	0	0	222.7	64.9
LJTHS011	SILT	11/01/2010	BULK	0	0	26.58	51	0	0	0	654	2.91266	0	409	15.3	40.9		1.71617	52.3	1018	1.57439	0	0	156.2	49.8
LJTHS012	SILT	11/01/2010	BULK	0	0	33.65	54	0	0	0	747	2.17637	18.4	405	0	45.5		1.62979	0	1007	1.63955	0	0	214	45.3
LJTHS013	SILT	11/01/2010	BULK	0	0	22.73	37	0	0	0	379	1.98751	0	453	0	0		2.83889	47.7	517	1.218	0	0	0	0
NTTHS001	SILT	15/07/2009	BULK	0	0	67.71	131		0	0	878	3.08945	0	446				1.44301	0		1.61486	0	0		
NTTHS002	SILT	15/07/2009	BULK	9.18	0	103.5	196		0	0	1053	2.89218	0	255				0.98259	0		1.93098	0	0		
NTTHS003	SILT	15/07/2009	BULK	0	0	61.85	116		0	0	753	2.77401	0	248				0.91172	0		2.32009	0	0		
NTTHS004	SILT	15/07/2009	BULK	0	0	39.87	69		0	0	1060	3.36416	0	307				1.85033	92.5		1.34466	0	0		
NTTHS005	SILT	15/07/2009	BULK	0	0	45.93	108		0	0	1298	3.63223	26.6	290				1.58615	73.2		1.39805	0	0		
NTTHS006	SILT	15/07/2009	BULK	0	0	32.94	27		0	0	390	1.62098	0	429				1.28984	0		1.82764	0	0		
NTTHS007	SILT	15/07/2009	BULK	0	0	22.43	64		0	0	661	2.95678	0	401				2.27254	92.6		1.42493	0	0		

Appendix 7.3 - Soil XRF Geochemical Results

Sample		Analysis		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	Cr	Ba	K	W	Hg	Te	Sn
Number	Medium	Date	Class	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
THL001 00+00	DIRT	14/07/2009	BULK	0	0	186.5	180		0	0	1310	3.82288	0	382				1.8536	90.85		1.49696	0	0		
THL001 00+25N	DIRT	14/07/2009	BULK	0	0	68.94	113		0	0	599	2.96225	0	324				1.71135	76.03		1.30413	0	0		
THL001 00+50N	DIRT	14/07/2009	BULK	0	63.81	264.4	217		0	0	884	3.52337	0	324				1.79596	72.94		1.21465	0	0		
THL001 00+75N	DIRT	14/07/2009	BULK	0	54.47	95.88	135		0	0	1269	3.2644	0	293				1.36486	42.54		1.09828	0	0		
THL001 01+00N	DIRT	14/07/2009	BULK	0	45.67	61.01	129		0	0	1608	3.31598	0	373				2.58155	82.99		1.01023	0	0		
THL001 01+25N	DIRT	14/07/2009	BULK	0	0	51.63	97		0	0	525	2.99403	0	286				1.65886	58.4		1.20254	0	0		
THL001 01+50N	DIRT	14/07/2009	BULK	0	69.16	42.32	98		0	0	685	3.01254	0	309				1.53417	72.15		1.18516	0	0		
THL001 01+75N	DIRT	14/07/2009	BULK	0	0	36.85	59		0	0	714	3.39443	0	298				1.87216	77.5		1.19608	0	0		
THL001 02+00N	DIRT	14/07/2009	BULK	0	0	44.96	107		0	0	795	3.26479	24	313				1.72263	79.28		1.23773	0	0		
THL001 02+25N	DIRT	14/07/2009	BULK	0	61.46	54.18	112		0	0	966	3.65323	0	296				1.64256	63.42		1.40105	0	0		
THL001 02+50N	DIRT	14/07/2009	BULK	0	88.2	57.69	105		0	0	882	3.52598	0	334				2.3641	70.77		1.59268	0	0		
THL001 02+75N	DIRT	14/07/2009	BULK	0	54.39	68.56	128		0	0	799	3.35253	0	340				1.54454	0		1.41655	0	0		
THL001 03+00N	DIRT	14/07/2009	BULK	0	73.35	54.7	85		0	0	1569	2.77927	0	364				3.01795	0		1.1976	0	0		
THL001 03+25N	DIRT	14/07/2009	BULK	0	71.36	56.69	107		0	0	1973	2.76119	0	399				3.68517	42.63		1.19745	0	0		
THL001 03+50N	DIRT	14/07/2009	BULK	27.4	40.41	49.39	83		0	0	1567	1.84947	0	428				3.36084	0		1.13865	0	0		
THL001 04+00N	DIRT	14/07/2009	BULK	13.7	0	53.42	73		0	0	539	2.32966	0	286				1.58309	62.31		1.22906	0	0		
THL001 04+25N	DIRT	14/07/2009	BULK	0	0	53.12	102		0	0	894	3.14225	0	354				2.00889	62.84		1.55489	0	0		
THL001 04+50N	DIRT	14/07/2009	BULK	0	39.44	41.56	107		0	0	2322	2.64005	0	437				2.15305	73.53		1.42503	0	0		
THL001 04+75N	DIRT	14/07/2009	BULK	9.85	76.99	43.75	88		0	0	1877	3.16401	16.4	424				2.33575	44.12		1.31279	0	0		
THL001 05+00N	DIRT	14/07/2009	BULK	11.7	63.13	45.46	77		0	0	2665	2.95568	0	381				2.13209	62.95		1.29787	0	0		
THL001 05+25N	DIRT	15/07/2009	BULK	8.56	0	55.1	95		0	0	2358	3.00791	0	369				2.0148	0		1.4855	0	0		
THL001 05+50N	DIRT	15/07/2009	BULK	15.9	86.7	33.02	78		0	0	2090	2.31085	16.3	363				1.87509	0		0.79928	0	0		
THL001 05+75N	DIRT	15/07/2009	BULK	14	76.75	16.3	0		0	0	289	1.12475	13.9	419				5.63909	62.55		0.51316	0	0		
THL001 06+00N	DIRT	15/07/2009	BULK	0	0	30.85	54		0	0	1186	3.19817	0	332				1.73018	52.3		1.35356	0	0		
THL001 06+25N	DIRT	15/07/2009	BULK	0	0	44.39	77		0	0	1289	3.35187	0	342				1.7295	47.4		1.29132	0	0		
THL001 06+50N	DIRT	15/07/2009	BULK	0	0	30.85	70		0	0	660	3.04435	0	366				1.60688	46.96		1.24809	0	0		
THL001 06+75N	DIRT	15/07/2009	BULK	0	41.18	37.88	76		0	0	656	3.46941	0	288				1.67036	89.83		1.2793	0	0		
THL001 07+00N	DIRT	15/07/2009	BULK	0	0	30.37	56		0	0	1004	3.02888	15.2	331				1.74591	55.44		1.19555	0	0		
THL001 07+25N	DIRT	15/07/2009	BULK	0	0	24.38	34		0	0	605	3.34882	0	354				2.38569	73.42		1.25647	0	0		
THL001 07+50N	DIRT	15/07/2009	BULK	0	52.43	28.07	68		0	295.6	598	3.05417	0	322				1.67906	70.2		1.34686	0	0		
THL001 07+75N	DIRT	15/07/2009	BULK	0	0	30.16	49		0	0	1269	3.1339	0	291				1.62652	52.76		1.42058	0	0		
THL001 08+00N	DIRT	15/07/2009	BULK	0	0	26.48	63		0	0	677	3.57093	19.1	334				2.00744	57.79		1.29646	0	0		
THL001 08+25N	DIRT	15/07/2009	BULK	0	0	34.49	83		0	0	643	2.94709	0	352				1.72915	65.35		1.30229	0	0		
THL001 08+50N	DIRT	15/07/2009	BULK	0	0	21.43	52		0	0	473	2.91451	19.1	299				1.81083	58.03		1.38798	0	0		
THL001 08+75N	DIRT	15/07/2009	BULK	0	0	33.79	56		0	0	393	3.27879	19.8	272				1.41048	66.88		1.1521	0	0		
THL001 09+00N	DIRT	15/07/2009	BULK	0	0	23.15	53		0	0	537	2.75642	0	304				1.75088	92.31		1.29479	0	0		
THL001 09+25N	DIRT	15/07/2009	BULK	0	52.56	25.06	73		0	0	634	2.62099	54.4	377				2.1699	41.97		1.54792	0	0		
THL001 09+50N	DIRT	15/07/2009	BULK	0	0	23.05	55		0	0	640	2.70828	20.3	374				1.8332	0		1.46931	0	0		
THL001 09+75N	DIRT	15/07/2009	BULK	0	53.66	37.34	66		0	0	876	3.15991	0	383				2.13516	53.4		1.44993	0	0		
THL001 10+00N	DIRT	15/07/2009	BULK	0	45.56	41.13	99		0	294.8	830	3.21068	18.6	385				2.19599	75.35		1.47908	0	0		
THL002 00+00	DIRT	15/07/2009	BULK	0	183	1280	1477		0	0	3148	3.88519	0	415				1.46441	0		0.99646	0	0		
THL002 00+25N	DIRT	15/07/2009	BULK	0	79.48	436.8	530		0	0	1349	3.0792	0	644				1.82696	0		1.04419	0	0		
THL002 00+50N	DIRT	15/07/2009	BULK	0	55.67	218	381		87.62	0	1231	2.87446	0	595				2.04222	0		1.14123	0	0		
THL002 00+75N	DIRT	15/07/2009	BULK	0	49.57	158.3	296		0	0	1218	3.15348	41.7	491				1.76354	0		0.94327	0	0		
THL002 01+00N	DIRT	15/07/2009	BULK	0	98.9	135.7	318		0	0	1132	3.73287	0	824				2.14121	0		0.8907	0	0		
THL002 01+25N	DIRT	15/07/2009	BULK	0	110	152.8	317		0	0	1111	3.97072	73.2	904				2.30214	47.02		0.83589	0	0		
THL002 01+50N	DIRT	11/01/2010	BULK	0	73.51	186.2	335	0	0	0	1058	3.76997	49.5	673	0	0		2.63881	0	473	0.90587	0	0	0	0
THL002 01+75N	DIRT	11/01/2010	BULK	0	110	200.1	408	0	88.42	0	1259	4.10598	40.8	624	16.3	28.2		2.3994	51.26	657	1.01737	0	0	154.1	40.1
THL002 02+00N	DIRT	11/01/2010	BULK	0	48.23	47.36	151	0	0	0	920	3.73476	0	704	0	32.4		2.63349	79.6	639	1.22783	0	0	142.8	34.1
THL002 02+25N	DIRT	11/01/2010	BULK	0	66	29.62	142	0	113.5	0	1158	5.15234	28	514	0	48.9		4.57508	204.1	648	0.69648	0	0	184.9	45.8
THL002 02+25N	DIRT	11/01/2010	K	0	0	33.96	165	0	0	0	1338	6.65478	16.5	307	0	0	0	5.79646	392.4	320	0.96644	0			0

Sample		Analysis		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	Cr	Ba	K	W	Hg	Te	Sn
Number	Medium	Date	Class	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
THL002 02+50N	DIRT	11/01/2010	BULK	0	0	22.56	67	0	144.1	0	1405	7.56156	0	342	0	79.3		4.97788	227	643	0.40771	0	0	226.6	54
THL002 02+50N	DIRT	11/01/2010	K	0	62.67	0	69	0	0	0	1419	8.46484	16.1	193	0	0	0	7.15184	414.7	270	0.63753	0			0
THL002 02+75N	DIRT	11/01/2010	BULK	0	51.2	90.44	207	0	0	0	891	3.76912	0	473	0	29.5		2.73259	0	639	1.16141	0	0	110.6	31.1
THL002 03+00N	DIRT	11/01/2010	BULK	0	60.56	59.35	133	0	0	0	1285	4.44497	0	332	0	26.6		2.84761	137.4	364	0.73725	0	0	0	22.7
THL002 03+25N	DIRT	11/01/2010	BULK	0	64.81	28.95	149	0	0	0	1153	5.77794	27.1	414	0	51.2		3.71886	182.4	640	0.64129	0	21	187.9	45.9
THL002 03+25N	DIRT	11/01/2010	K	0	0	37.55	103	0	0	0	1394	7.29752	15.1	245	0	0	18.7	5.01128	367.5	370	0.99689	0			0
THL002 03+50N	DIRT	11/01/2010	BULK	0	105	74.77	143	0	0	0	988	3.74595	0	472	0	41.4		2.85112	127.4	718	0.955	0	0	163.1	42.4
THL002 03+75N	DIRT	11/01/2010	BULK	0	67.75	55.79	149	0	0	0	1100	3.31733	20.1	432	0	41.8		2.54635	56.15	666	1.16129	0	0	136.7	39.4
THL002 04+00N	DIRT	11/01/2010	BULK	0	0	100	230	0	0	0	1098	3.2146	23.1	374	0	31.6		2.64686	62.28	633	1.20264	0	0	145.2	38.8
THL003 00+00	DIRT	11/01/2010	BULK	0	113.1	322.2	442	0	0	0	1375	3.2804	0	520	21.7	60.2		2.5849	60.67	828	1.24025	0	0	172.6	64.9
THL003 00+25N	DIRT	11/01/2010	BULK	0	81.05	248.8	349	0	0	0	1127	4.14204	0	469	15.2	41.9		2.85079	125.5	714	1.00522	0	0	179.9	45.6
THL003 00+50N	DIRT	11/01/2010	BULK	0	74.1	132.4	231	0	0	0	874	2.98815	0	429	14.7	45.5		2.24892	63.78	775	1.11316	0	0	154.4	42.5
THL003 00+75N	DIRT	11/01/2010	BULK	0	79.83	105.6	236	0	0	0	845	2.64451	0	524	0	0		1.87261	47.43	560	1.15974	0	0	0	0
THL003 01+00N	DIRT	11/01/2010	BULK	9.15	61.2	32.32	58	0	0	0	266	1.65372	0	445	0	45.4		0.90961	0	933	1.17991	0	0	144.4	27.7
THL003 01+25N	DIRT	11/01/2010	BULK	9.31	54.21	71.46	115	0	0	0	507	2.33803	0	359	0	0		1.25019	0	455	0.91736	0	0	0	0
THL003 01+50N	DIRT	11/01/2010	BULK	0	82.97	92.74	197	0	0	0	947	3.13706	24.9	426	0	0		1.4491	0	573	1.10906	0	0	77.82	0
THL003 01+75N	DIRT	11/01/2010	BULK	0	41.76	97.95	147	0	0	0	1177	2.68583	29.6	411	0	0		1.84957	0	102	0.84342	0	0	0	0
THL003 02+00N	DIRT	11/01/2010	BULK	10.4	78.95	133.6	361	0	0	0	1250	3.96267	45.3	756	0	33.5		2.25273	0	557	0.81014	0	0	117	23.4
THL003 02+25N	DIRT	11/01/2010	BULK	0	46.45	56.35	175	0	0	0	879	3.15789	29.1	650	0	31		2.81505	41.07	592	1.05513	0	0	131.5	29.1
THL003 02+50N	DIRT	11/01/2010	BULK	0	73.78	30.36	101	0	0	0	1324	6.48403	17	357	0	69.5		4.44212	184.7	660	0.54468	0	0	193.4	62.8
THL003 02+75N	DIRT	11/01/2010	BULK	0	0	38.23	147	0	0	0	1251	3.54271	19.6	338	0	29.7		1.33777	0	668	1.06835	0	0	84.79	0
THL003 03+00N	DIRT	11/01/2010	BULK	0	0	55.03	190	0	0	0	1886	3.8631	31.3	358	0	0		2.04625	0	483	1.06047	0	0	0	0
THL003 03+25N	DIRT	11/01/2010	BULK	0	0	107.3	293	0	0	0	3245	2.98448	0	316	17.4	35.3		2.45866	0	673	0.98827	0	0	86.1	42
THL003 03+50N	DIRT	11/01/2010	BULK	0	85.31	128.6	201	0	0	0	2407	3.71081	0	255	0	0		1.07043	0	540	1.16693	0	0	0	31.5
THL003 03+75N	DIRT	11/01/2010	BULK	0	0	289.7	465	17.7	0	0	2190	3.58225	33.2	504	0	43.4		1.68932	0	604	1.12521	0	0	136.9	37.2
THL003 04+00N	DIRT	11/01/2010	BULK	0	187.1	218.4	1633	0	0	0	1674	3.52399	0	258	24.4	43.5		1.31561	0	715	1.3329	0	0	151.5	44.8