GEOLOGICAL & GEOCHEMICAL ASSESSMENT REPORT ON THE ROOP PROPERTY

ROOP 1 -20 (YC90551 – YC90570)

NTS: 105M/15
Zone 8N

Latitude: 63°50' 52"N Longitude: 134°58'47"W

MINFILE # 105M 034

Mayo Mining District

Work Performed on July 2nd to 5th 2009

Prepared For:

Keno Hill Exploration Corp.
PO Box 15,
Keno City, YT Y0B 1M0

Prepared by:

Lauren Blackburn, *B.Sc.*
Exploration Geologist
Keno Hill Exploration Corp.
PO Box 28,
Keno City, YT Y0B 1M0

January 4th, 2011

SUMMARY

In 2009, Keno Hill Exploration Corp. (*herein* KHEC) staked the ROOP 1-20 *(YC90551—YC90570)* claims after researching the Yukon Geological Survey's (*herein* YGS) MINFILE database, Geological Survey of Canada's (*herein* GSC) Paper 'Tungsten Deposits of Canada' (Little, 1959) and GCS Bulletin 111 (Boyle, 1965). The claims cover a tungsten-showing that was discovered in 1943 by the GSC but was apparently never investigated (Deklerk and Traynor (compilers), 2008). In 1943, a GSC party briefly explored the contact areas around the granodiorite stock that lies between Edwards Creek and Keno-Ladue River. The field party found scheelite within the skarn as crystals as long as ½ ″ (Little, 1959). The scheelite occurs as coarse crystals in skarny pegmatites and quartz veins at the contact of the granitic intrusion and metasedimentary rocks of the Late Proterozoic-Early Cambrian Hyland Group (Deklerk and Traynor (compilers), 2008). The granodiorite stock is cut by numerous pegmatites of quartz and feldspar with abundant black tourmaline, commonly in long crystals as large as pencils (Little, 1959), these gemstone quality crystals were found on the central claims near the area of interest.

The deposit-type this program is proposed to target is W-skarn associated with the Cretaceous Roop Lakes granitic stock in conjunction with rare earth element(s) in granitic pegmatite. The claims cover the eastern margin between the granodiorite stock and Hyland Group metasediments.

The occurrence of tin and tungsten minerals in gold placer deposits around granodiorite stocks north and northwest of Mayo in the unglaciated and lightly glaciated terrain suggests their presence around similar stocks to the east where glaciation was more intense and placer deposits have not been found (Little, 1959). Tungsten geochemistry in the district is highly influenced by glacial events. In the lightly glaciated regions north of Mayo and Roop Lakes highly anomalous tungsten is common in soils and is associated with heavy mineral concentrates in soils and placers. For instance, zinc and especially arsenic, antimony and tungsten are enriched in the highly aluminous (B and C-horizons) soils and weathered debris overlying parts of the Dublin Gulch granodiorite (Boyle, 1965). The tungsten content of residual soils, tills, and organic muck and peat on Galena and Keno Hills is generally less that 4 ppm (Boyle, 1965). However, in more the more intensely glaciated regions surrounding east Mayo Lake and Roop Lakes, tungsten is considered anomalous in soils (D-horizon, glacial materials) at much lower concentrations (see GSC Map 18-1964).

The ROOP 1-20 claims were staked by KHEC along an azimuth of due north over the area highlighted in 1943 by the GSC and completed five soil sampling lines with sample collection every 150 m along staking lines. In between these two staking lines the author prospected a long north-south trending ridge of outcrop and collected 13 soil samples (collected sporadically where soils were available) and 12 rock samples. During the program a total of 73 soil samples and 12 rock samples were collected and sent in for analysis with Ecotech Laboratory Ltd. Soil samples were dried and sieved to -80 mesh and analysed using 4-Acid Digestion (trace ICP-MS) for 47 elements. Tungsten was separately analyzed when it was reported >100 ppm. Soil samples were analyzed using the same process but were prepared differently (dried, crushed to -10

mesh and sub-sampled and split). Two rock samples reported >100 ppm W and were run for overlimits reporting 0.013-0.015% W. Three rock samples reported anomalous tin up to 41 ppm. The most geochemically anomalous soil sample ran 8.6 ppm W.

A total of 6-man days work was completed in 2009 (including staking). Therefore, very minimal fieldwork was completed on the prospect. The crew operated from a fly camp next to a small lake at the edge of Roop Lakes <1 km southeast of Wilson's Cabin. Upon completion of the program the camp and all garbage and equipment was demobilized back to Keno City via boat on Mayo Lake and then via 4WD truck down the Mayo Lake road.

Although KHEC has not found the appreciable mineralization reported by the GSC in 1943 some encouraging results suggest following up and additional staking (particularly to the south). The original reported showing is 1.5 miles (2.4 km) east of Wilson's Cabin; the crew briefly prospected this area however (luckily), there is extensive outcrop in the area and although the skarn contact was located, coarse scheelite crystals were not found.

The author proposes a grassroots exploration program on the property for the 2009 field season involving grid soil sampling at tight 50-m-sample spacing over 13 lines running north-south that are 115 m apart. The suggested sampling will cover all of the currently staked ROOP 1-20 claims. Detailed prospecting with an ultraviolet lamp over the central claims should be completed particularly over the north-south trending ridge. All soil samples will be analyzed for using aqua regia digestion (ICP-MS) with ACME Labs and rock samples will be analyzed with 4-acid digestion with an ICP-ES finish and then analyzed with aqua regia digestion with ultratrace ICP-MS analysis for rare earth elements (*herein* REE). It is anticipated that the crew will collect 485 soil samples and 25 rock samples. It is expected that the program will cost approximately $24,280.00.

TABLE OF CONTENTS

11. STATEMENT OF QUALIFICATIONS

12. BIBLIOGRAPHY

13. APPENDICIES

Appendix I- MINFILE Occurrence (Avenue- 105M 044)
Appendix II- 2009 Assay Certificates- Rock- AW09-8177
Appendix III- 2009 Soil Sample Data
Appendix IV- 2009 Assay Certificates- Soil- AK10-0037

1. INTRODUCTION

1.1 Underlying Agreements & Land Tenure

Keno Hill Exploration Corp. holds 100% interest in the ROOP claims. No agreement(s) have been made to date known currently known by the author (refer to *Table 1. Claim Status*, below). The ROOP 1-20 claims *(YC90551 – YC90570*) are within the Mayo Mining District and comprise the 415 hectare Roop Property.

Table 1. Claim Status*

Grant Number	Claim Name	Claim Owner	Recording Date	Expiry Date
YC90551	Roop 01	Keno Hill Exploration Corp. - 100%.	07/07/09	07/07/10
YC90552	Roop 02	Keno Hill Exploration Corp. - 100%.	07/07/09	07/07/10
YC90553	Roop 03	Keno Hill Exploration Corp. - 100%.	07/07/09	07/07/10
YC90554	Roop 04	Keno Hill Exploration Corp. - 100%.	07/07/09	07/07/10
YC90555	Roop 05	Keno Hill Exploration Corp. - 100%.	07/07/09	07/07/10
YC90556	Roop 06	Keno Hill Exploration Corp. - 100%.	07/07/09	07/07/10
YC90557	Roop 07	Keno Hill Exploration Corp. - 100%.	07/07/09	07/07/10
YC90558	Roop 08	Keno Hill Exploration Corp. - 100%.	07/07/09	07/07/10
YC90559	Roop 09	Keno Hill Exploration Corp. - 100%.	07/07/09	07/07/10
YC90560	Roop 10	Keno Hill Exploration Corp. - 100%.	07/07/09	07/07/10
YC90561	Roop 11	Keno Hill Exploration Corp. - 100%.	07/07/09	07/07/10
YC90562	Roop 12	Keno Hill Exploration Corp. - 100%.	07/07/09	07/07/10
YC90563	Roop 13	Keno Hill Exploration Corp. - 100%.	07/07/09	07/07/10
YC90564	Roop 14	Keno Hill Exploration Corp. - 100%.	07/07/09	07/07/10
YC90565	Roop 15	Keno Hill Exploration Corp. - 100%.	07/07/09	07/07/10
YC90566	Roop 16	Keno Hill Exploration Corp. - 100%.	07/07/09	07/07/10
YC90567	Roop 17	Keno Hill Exploration Corp. - 100%.	07/07/09	07/07/10
YC90568	Roop 18	Keno Hill Exploration Corp. - 100%.	07/07/09	07/07/10
YC90569	Roop 19	Keno Hill Exploration Corp. - 100%.	07/07/09	07/07/10
YC90570	Roop 20	Keno Hill Exploration Corp. - 100%.	07/07/09	07/07/10

**A new expiry date is anticipated based upon acceptance of this Assessment Report.*

The prospect is found just east of Roop Lakes and currently comprises 20 quartz claims registered to KHEC of Keno City, Yukon. The claims are owned 50:50 by Matthias Bindig and Lauren Blackburn and were staked site un-seen based upon GSC reports from a 1943 exploration party (see Little, 1959). The claim package is centered around the area the GSC reported finding coarse scheelite crystals in skarnified and pegmatitic rocks (see MINFILE 105M 044). The Roop claims and are in good standing and following the filing of work in this Assessment Report a new expiry date is anticipated (see *Table 1. Roop Claim Status* on page 7).

The Roop prospect work history is summarized in MINFILE capsule 105M 044 as: “discovered in 1943 by the GSC and apparently never investigated”.

The occurrence of tin and tungsten minerals in gold placer deposits around granodiorite stocks north and northwest of Mayo in the unglaciated and lightly glaciated terrain suggests their presence around similar stocks to the east where glaciation was more intense and placer deposits have not been found (Little, 1959). In view of this, the GSC 1943 party briefly explored the contact area around the Cretaceous granodiorite Roop Lakes Stock (KT, Tombstone Intrusions) and Upper

Proterozoic to Lower Cambrian Hyland Group (PYqp) metasediments in the area between Edwards Creek and Keno-Ladue River.

1.2 Definitions & Units

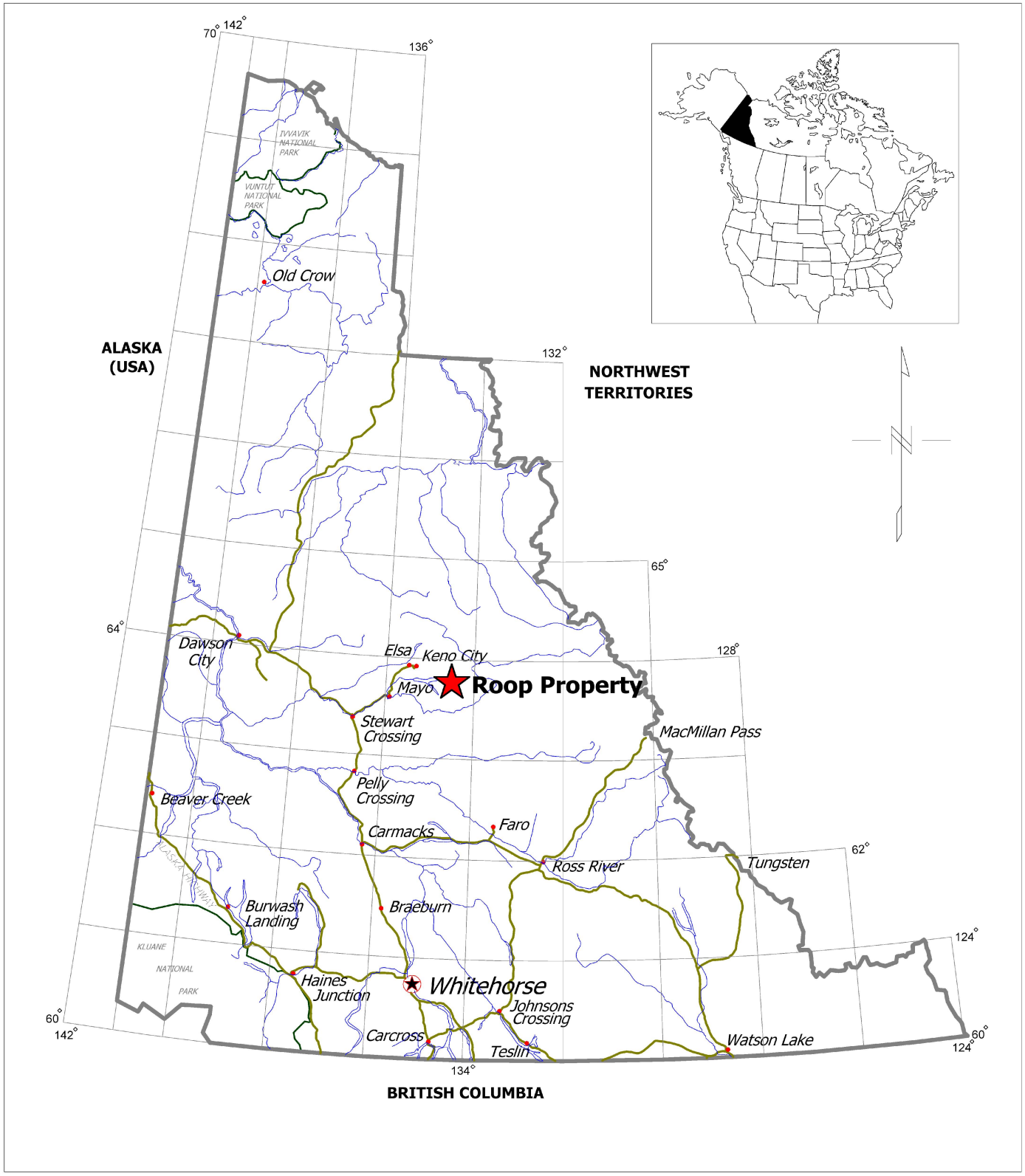
The following are abbreviations used within this report:

- Distances are reported in meters (m), kilometres (km) and feet (ft).
- Geochemical data is reported in parts per million (ppm) the equivalent to grams per tonne (g/t) and ounces per tonne (oz/t).
- Elemental abbreviations include: tin (Sn), tungsten (W), gold (Au) and Rare Earth Elements (REE).
- Directional units include: north (N), east (E), south (S), west (W) and may be used in combination (*i.e.*, NNE for north-northeast).

1.3 Sources of Information

Sources of information include but are not limited to:

- Assessment Reports;
- Internal data (geological, structural, geochemical and geophysical);
- Yukon MINFILE; and
- Geological reports and maps from the Geological Survey of Canada (GSC) and Yukon Geological Survey (YGS).



100000 0 100000
(meters)

Monster Mining Corp.

ROOP- 2009 Exploration Program
Figure 1. Location Map

NTS Map-sheet- 105M/15
Datum- NAD83
Drafted by- L.R. Blackburn

Mining District- Mayo
UTM- Zone 8N
Date- June 14th 2010

Keno Hill Exploration Corp.

2. PROPERTY LOCATION & DESCRIPTION

2.1 Location & Access

The ROOP 1-20 claims are located east of Mayo Lake and Roop Lakes approximately 1 km east of Wilson's Cabin. The claims are 33 km east-southeast of Keno City which is 465 km by road northeast of Whitehorse and 56 km east of Mayo, Yukon. The Roop claims are centered at a latitude of 63°50' 52" N and a longitude of 134°38'47"W (UTM Zone 8N, NAD83 Easting 0517390, Northing 7080100). Please refer to *Figure 1- Roop Claims Location Map* on previous page.

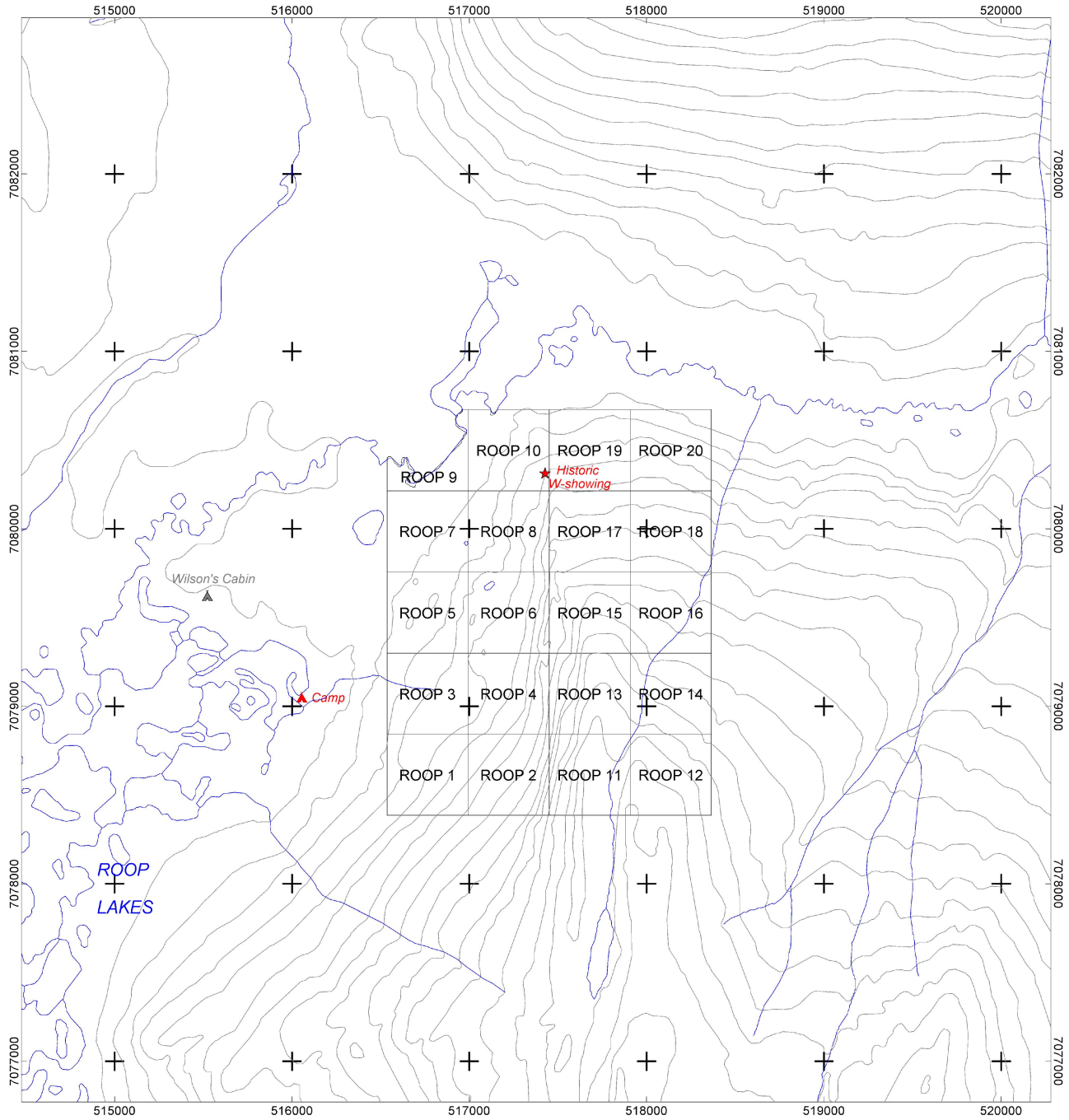
The prospect is currently accessible by all weather highway from Whitehorse to Mayo, by all weather gravel road to Keno City, by four wheel drive from Keno to Mayo Lake via the Mayo Lake road and then by boat across Mayo Lake through the tributaries of Roop Lakes (see *Figure 2-Roop Claims Map* on following page).

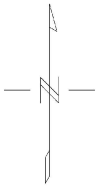
2.2 Physiography & Climate

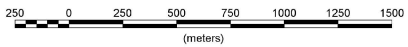
The ROOP 1-20 claims are located on the east end of Mayo Lake, east of Roop Lakes. At the center of the claim block is a north-south trending steep cliff that represents the contact between the two primary geologic units. The western claims flank the talus slides off of this cliff and the east end of the claims cover the upper bench of the cliff. Downslope from the cliff is sparsely to densely covered in foliage (primarily dwarf birch, willow, small coniferous trees and a diverse range of mosses and lichens). The climate in this area range from -40 to +30°C with relatively minimal precipitation.

3. ROOP WORK HISTORY

The Roop prospect work history is summarized in MINFILE capsule 105M 044 as: "discovered in 1943 by the GSC and apparently never investigated".







Keno Hill Exploration Corp.

Roop - 2009 Exploration Program
Figure 2. Roop Property Map

NTS Map Sheet- 105M/15
Datum- NAD83
Drafted by: L.R. Blackburn

Mining District- Mayo
UTM- Zone 8N
Date- Jun-14-2010

4. REGIONAL GEOLOGY

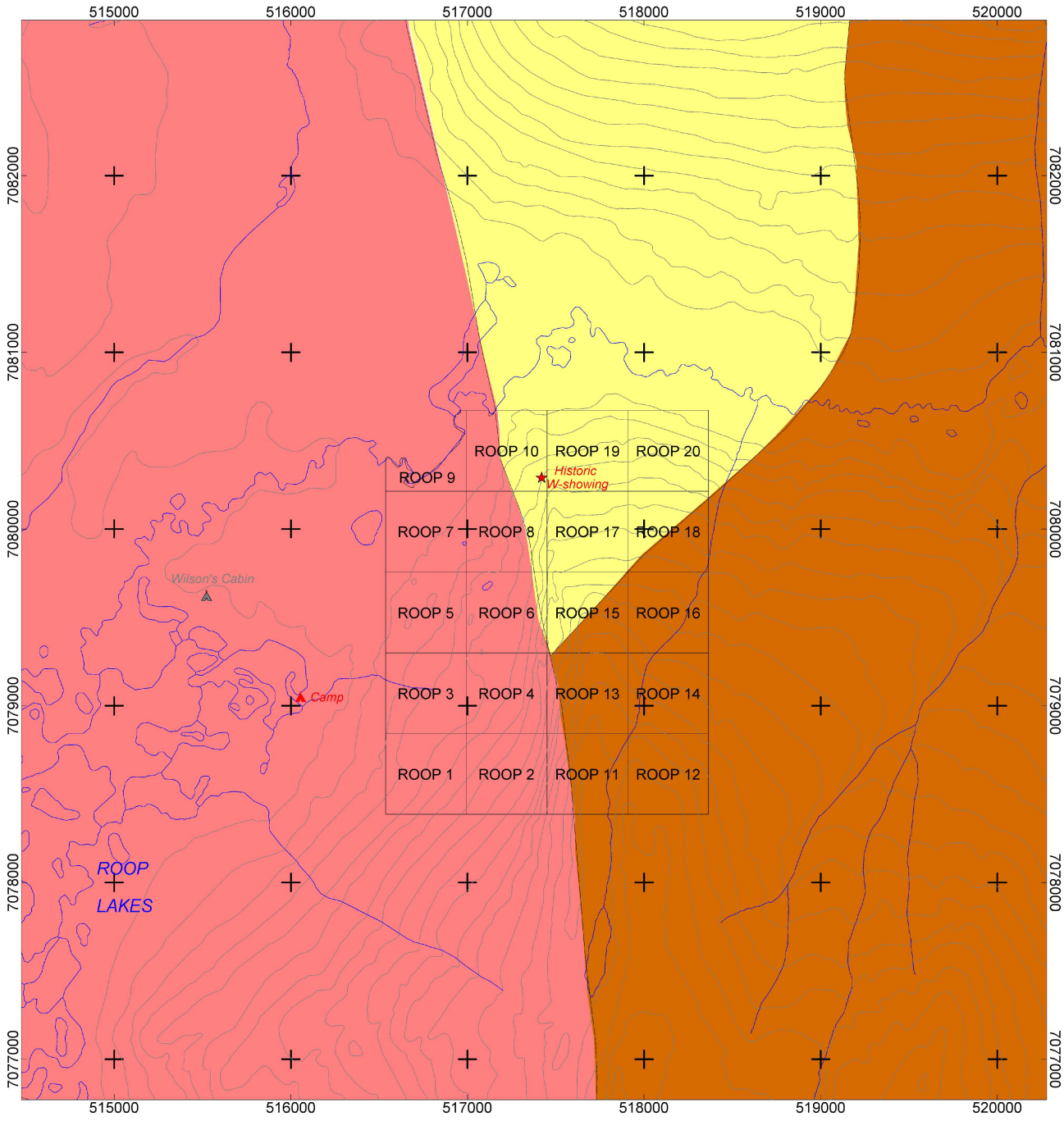
The prospect is located on the 1:250 000-scale Mayo (105M) map-sheet and 1:50 000-scale map sheet 105M/15. The most recent mapping of the area was 1:250 000-scale and was completed in 1992 by C.F. Roots and D.C. Murphy (Geology of the Mayo Map Area, Bulletin 7).

The claims are situated on the northeastern side of the Tintina Trench within the northwestern Ominieca Belt in a band of regional-scale thrust faults—the Robert Service, Dawson and Tombstone Thrusts imbricate rocks of the Selwyn Basin and MacKenzie Platform (Blackburn, 2010). The Roop prospect is situated within the pericratonic Selwyn Basin on the cratonic margin with Ancestral North America (see following page for *Figure 3. Regional Geology*). Selwyn Basin comprises an offshelf continental margin, deep-water shales and clastic wedges forming a basin bounded by platform carbonates to the northeast, the Tintina fault truncates the basin to the southwest (Pigage, 2006). The Roop claims are within the Robert Service Thrust sheet which occurs between grey quartzite and carbonaceous phyllite of the Keno Hill Quartzite and the muscovite-chlorite phyllite and gritty psammite of the Hyland Group (Roots, 1997).

The Cretaceous granodiorite Roop Lakes Stock (KT, Tombstone Intrusions) intrudes the Upper Proterozoic to Lower Cambrian Hyland Group (PYqp) metasediments in the area proximal to the claims (see on Page 13 for *Table 2. Regional Geological Units*).

The following is taken from Roots (1997b):

> *The 100 –sq.-km elliptical stock centered on Roop Lakes clearly crosses the Robert Service Thrust, intruding both the Keno Hill Quartzite and the Hyland Group. Two plugs of biotite quartz monzonite eight km to the southeast, together with the four-km-wide aureole and elongated aeromagnetic low, suggest that the intrusion extends southeasterly at relatively shallow depth. The long axis of the pluton aligns with the hinge of the southeast-plunging Mayo Lake Antiform, although their genetic relationship is speculative.*
>
> *The contact locally is a 100-m-wide zone of aplite and pegmatitic dykes in quartz phyllite. Silliminite schist at the contact grades outward to staurolite-feldspar schist, and more distally to biotite-muscovite-feldspar schist at low elevations and garnet-andalusite schist at high elevations.*



LEGEND

- mKqs- Tombstone Intrusions (Roop Lakes Intrusion)
- MK- Keno Hill Quartzite
- PCH1- Hyland Group

250 0 250 500 750 1000 1250 1500
(meters)

Keno Hill Exploration Corp.

Roop - 2009 Exploration Program
Figure 3. Regional Geology Map

NTS Map Sheet- 105M/15
Datum- NAD83
Drafted by: L.R. Blackburn

Mining District- Mayo
UTM- Zone 8N
Date- Jun-14-2010

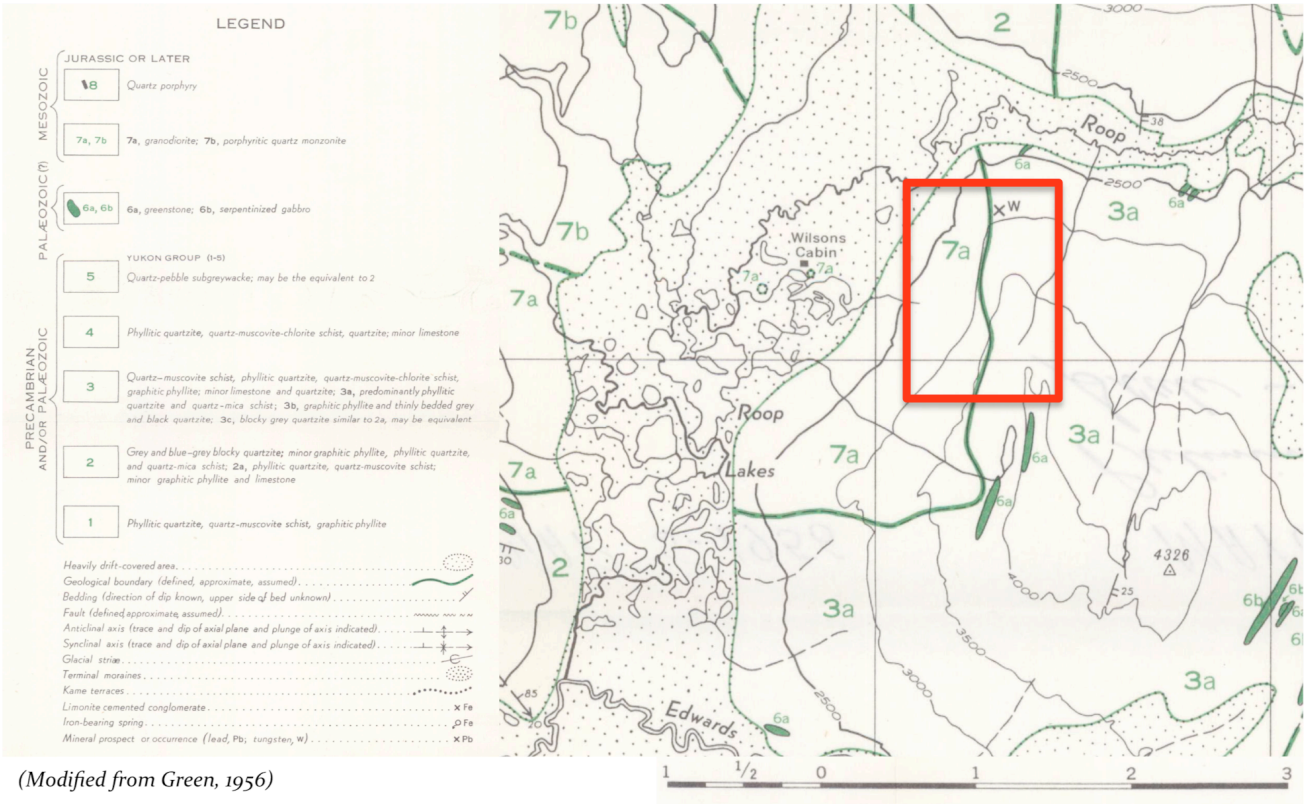
Table 2. *Regional Geological Units* (Gordey, S.P. and Makepeace, A.J. (*compilers*), 2003)

Unit	*Age*	*Rock Type*
Hyland Group (PYqp)	Upper Proterozoic to Lower Cambrian	Compositionally layered medium- to coarse- grained, micaceous, quartzose rock; muscovite-chlorite, gritty phyllite; green and grey impure quartzite and metaconglomerate; rare calc-silicate.
Roop Lakes Intrusion (KT)- Tombstone Intrusions	Cretaceous	Hornblende ± biotite-granite, quartz monzonite + granodiorite.

5. ROOP CLAIMS GEOLOGY

The Cretaceous granodiorite Roop Lakes Stock (KT, Tombstone Intrusions) intrudes the Upper Proterozoic to Lower Cambrian Hyland Group (PYqp) metasediments in the area between Edwards Creek and Keno-Ladue River. In 1956, the GSC mapped the area surrounding Mayo Lake. Green (1957) drafted a preliminary map (1:63 360-scale). The property geology map is taken from this mapping, see below for *Figure 4. Property Geology*, the claim area is represented by the red block.

Figure 4. *Property Geology*



(Modified from Green, 1956)

The granodiorite stock is cut by numerous pegmatites of quartz and feldspar with abundant black tourmaline, commonly in long crystals as large as pencils (Little, 1959), these gemstone quality crystals were found on the central claims near the area of interest (see picture below).

6. 2009 EXPLORATION PROGRAM SUMMARY

KHEC's 2009 exploration program consisted of three components:

1) Claim staking the ROOP 1-20 claims;
2) Reconnaissance prospecting and mapping (collection of 12 rock samples); and
3) Soil Sampling (a total of 73 soil samples).

6.1 Claim Staking

Upon arriving at the area of interest Dick Brost and Matthias Bindig staked the ROOP 1-20 claims on an azimuth of due north to cover the MINFILE occurrence 105M 044 (AKA: 'Avenue'; refer to *Figure 2. Roop Claims Map* on page 10). While staking, soil samples were collected along the lines (A & G) at ~150m.

6.2 Reconnaissance Prospecting and Mapping

During the program the author completed reconnaissance prospecting and mapping along the contact (the cliff) and collected 12 rock samples of primarily

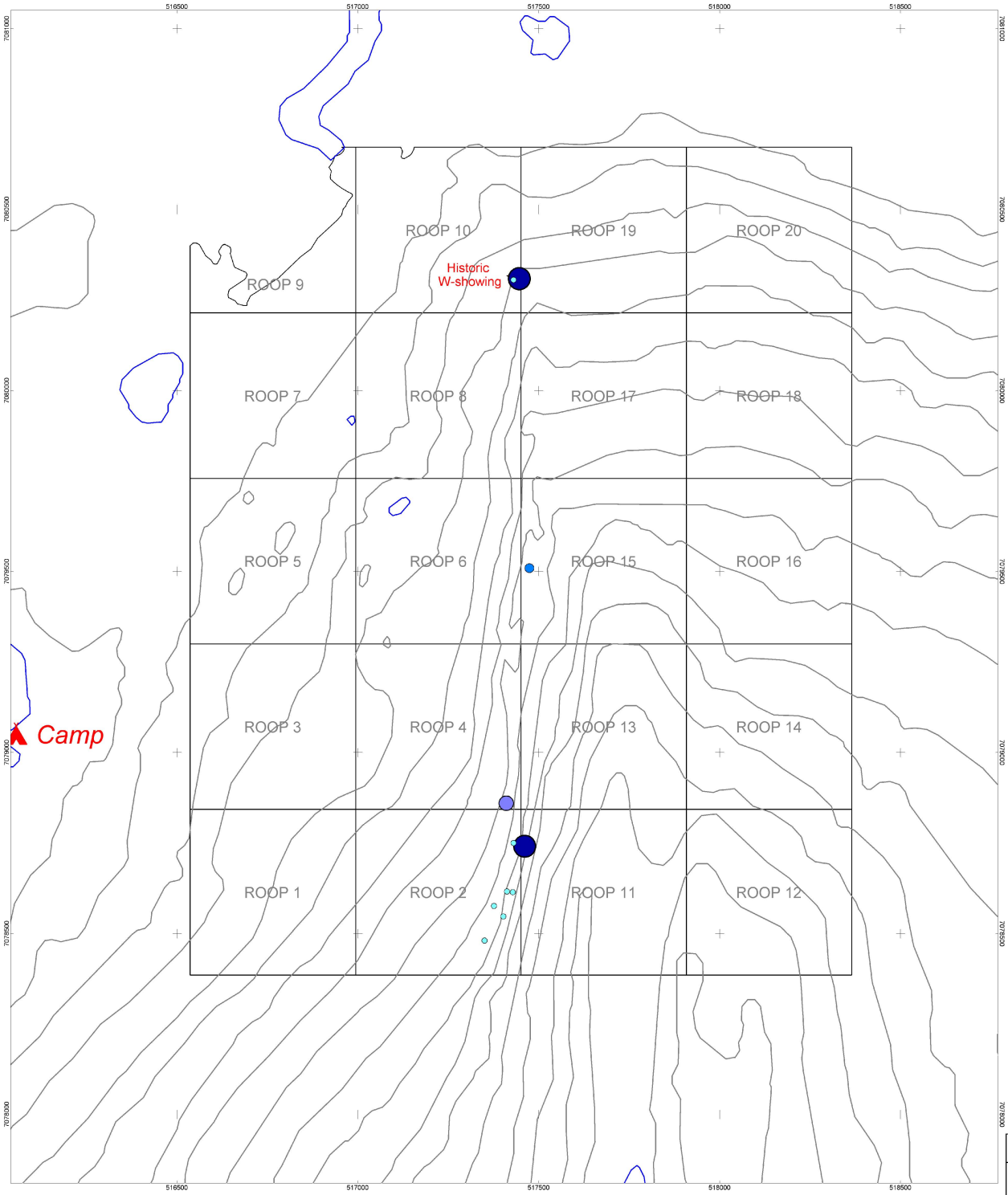
granodiorite, pegmatitic dyke and skarnified metasediments (see *Table 3. Rock Sample Descriptions* below*).*

Table 3. Rock Sample Descriptions

Waypoint	Sample #	Easting_ NAD83	Northing_ NAD83	Description
09-ROOP-001	56801	517350	7078481	Granite with tourmaline.
09-ROOP-003	56802	517376	7078576	Felsic pegmatite with granite. Unknown reb-brown mineral (garnet?).
09-ROOP-006	56803	517410	7078860	Skarnified quartzite with garnet (?).
09-ROOP-011	56804	517474	7079509	Meta-sediment with <15% garnet (?).
09-ROOP-013-1	56805	517446	7080309	Sample of unit KT (intrusive) with garnet (?). Heavy rock, very coarse grained euhedral crystals (<1cm), light pink garnets with minor limonite and hematite. Minor interstitial CC (rxn with HCL).
09-ROOP-013-2	56806	517430	7080306	Coarse needles of tourmaline, <3cm long. Rusty, heavy granite, less garnet. Unknown interstitial black mineral.
09-ROOP-014-1	56807	517402	7078547	Pegmatite dyke cutting unit KT. Coarse (<3cm) tourmaline and biotites within pegmatite dyke. White coarse crystals of plag and quartz.
09-ROOP-014-2	56808	517402	7078547	Pyqp contact with KT. Locally siliceous, biotite-rich. Very heavy rock. Unknown black mineral.
09-ROOP-015	56809	517428	7078614	Skarnified rock with minor pyrite (<1%), 4% garnet, local black-brown tourmaline. <1% of unknown black mineral.
09-ROOP-016	56810	517412	7078616	White skarnified rock, finely crystalline, 10% garnet. Heavy, nice radiating tourmaline on fracture face.
09-ROOP-018	56811	517461	7078741	Cooked up meta sed with vein of garnets.
09-ROOP-018-2	56812	517430	7078750	Cooked up metased with unknown red-yellow mineral (waxy texture, scatches white).

Sample locations plotted with a proportional symbols for tungsten (see following page for *Figure 5. Rock Sample Location Map*), two rock samples contained anomalous tungsten. Sample 09-ROOP-013-1 reported 0.013% tungsten and sample 09-ROOP-018 reported 0.015% tungsten.

The author completed reconnaissance mapping along the contact zone during the program (refer to page 17 for *Figure 6. Mapping Stations*). Along this contact zone the metasediments are skarnified, however, 'healthy' intrusive rocks are apparent forming large boulder talus slopes. This contact area should be further examined to locate the original GSC showing. It is possible that the showing is miss-plotted in the GSC field parties map; therefore, the region surrounding the area should be heavily prospected with a UV lamp.



LEGEND

W (ppm)

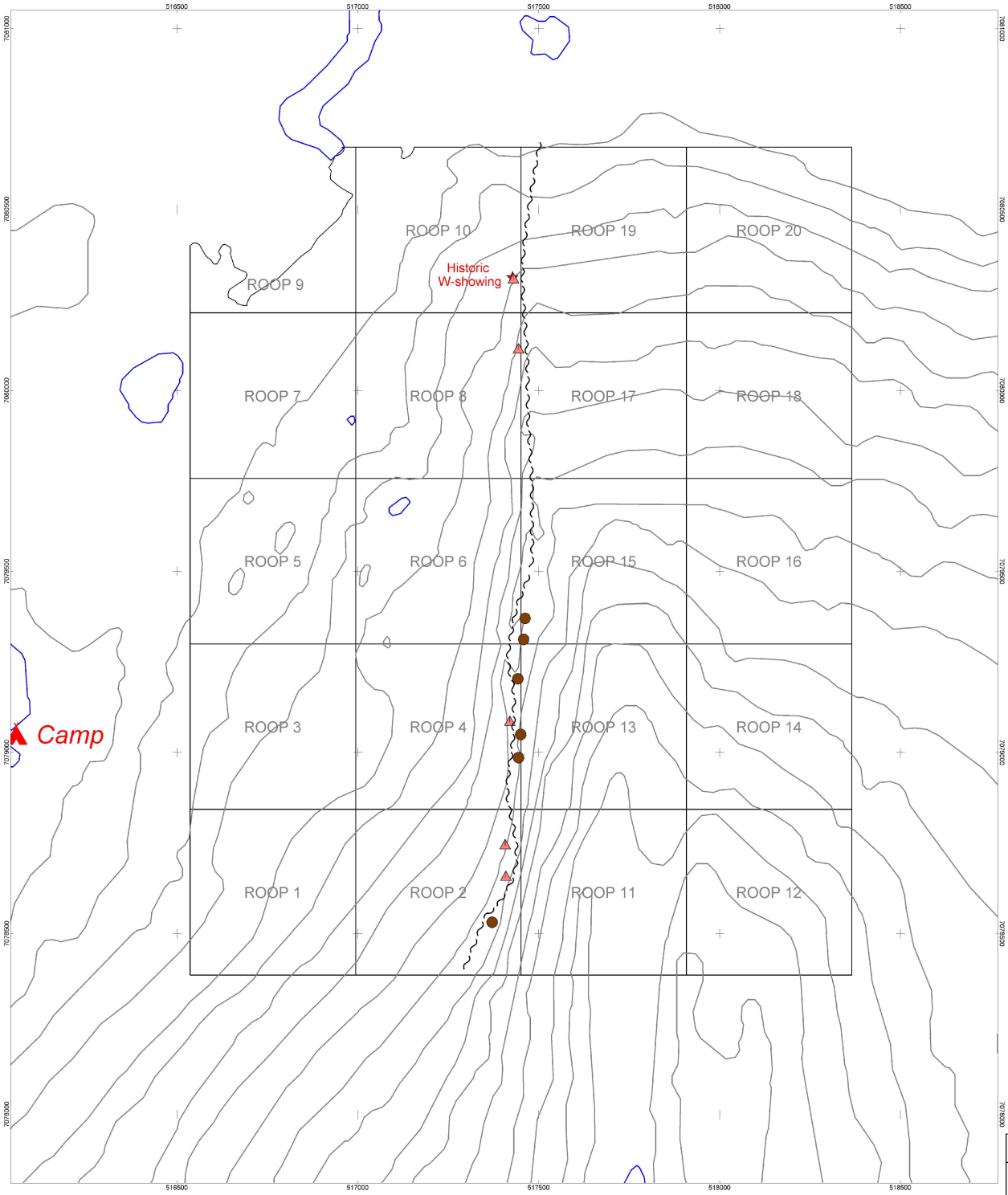
- > 125
- 31 - 125
- 3 - 30
- < 3

Keno Hill Exploration Corp.

Roop - 2009 Exploration Program
Figure 5. Rock Sample Location Map

NTS Map Sheet- 105M/15
Datum- NAD83
Drafted by: L.R. Blackburn

Mining District- Mayo
UTM- Zone 8N
Date- Jun-14-2010



LEGEND

- Unit mKqs- Tombstone Intrusions (Roop Lakes Intrusive)
- Skarnified Contact
- Unit PYqp- Keno Hill Quartzite & Hyland Group Metasediments

100 0 100 200 300
(meters)

Keno Hill Exploration Corp.

Roop - 2009 Exploration Program
Figure 6. Mapping Stations

NTS Map Sheet- 105M/15
Datum- NAD83
Drafted by: L.R. Blackburn

Mining District- Mayo
UTM- Zone 8N
Date- Jan-4-2011

6.3 Soil Sampling

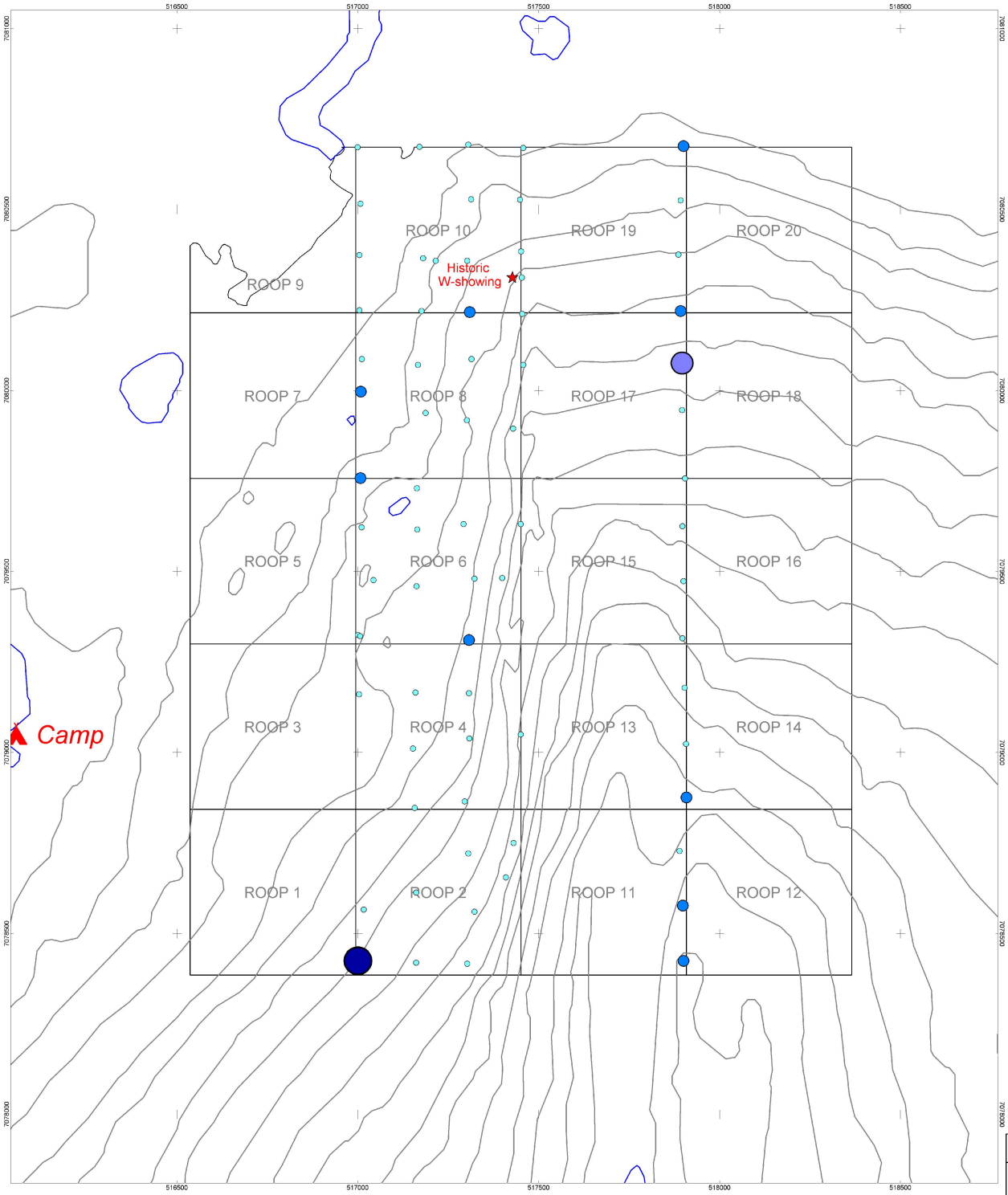
During the 2009 Exploration Program a total of 73 soil samples were collected (refer to Appendix III and IV for soil sample descriptions and assays respectively and following page for *Figure 7. W-Soil Sample Bubble Plot*). These samples were dug as deep as possible in order to sample as close as possible to underlying bedrock. In some sample locations, permafrost limited the depth of the sample; therefore these results are likely not representative of the true bedrock geochemistry. Furthermore, the area of interest is at lower elevations within the granitic unit and therefore was affected by intense glacial activity. Therefore, soil sampling on the claims has proven rather difficult and these results should be examined with caution.

The tungsten content of residual soils, tills, and organic muck and peat on Galena and Keno Hills is generally less that 4 ppm (Boyle, 1965). However, in more the more intensely glaciated regions surrounding east Mayo Lake and Roop Lakes, tungsten is considered anomalous in soils (D-horizon, glacial materials) at much lower concentrations (see GSC Map 18-1964). Therefore, soil samples reporting >4ppm tungsten is considered highly anomalous (when considering the intense glacial history). Samples collected during the 2009 exploration program reported tungsten <8.6 ppm.

7. TARGET RATIONALE

In 2009, Keno Hill Exploration Corp. staked the ROOP 1-20 *(YC90551—YC90570)* claims after researching the Yukon Geological Survey's (*herein* YGS) MINFILE database, Geological Survey of Canada's (*herein* GSC) Paper Tungsten Deposits of Canada (Little, 1959) and GCS Bulletin 111 (Boyle, 1965). The W-showing was discovered in 1943 by the GSC but was apparently never investigated (Deklerk and Traynor (compilers), 2008). In 1943, a GSC party briefly explored the contact areas around the granodiorite stock that lies between Edwards Creek and Keno-Ladue River. The field party found scheelite within the skarn as crystals as long as ½ " (Little, 1959). Scheelite occurs as coarse crystals in skarny pegmatites and quartz veins at the contact of the granitic intrusion and metasedimentary rocks of the Late Proterozoic-Early Cambrian Hyland Group (Deklerk and Traynor (compilers), 2008).

The deposit-type this program is proposed to target is W-skarn associated with the Cretaceous Roop Lakes granitic stock. The claims cover the eastern margin between the granodiorite stock and Hyland Group metasediments. In 2004, Bradshaw and vanRanden completed a Yukon-wide mineral assessment potential study, their findings suggest that the Selwyn Basin rocks just opposite the Tintina Trench have a high mineral assessment potential for W-skarns. It is important to note that the areas highlighted for high mineral potential are all surrounding mid-Cretaceous plutons. The area surrounding the Roop Lakes pluton was deemed to have high mineral assessment potential for W-skarns (see *Figure 8. W-Skarn Potential* on page 20).



LEGEND

W (ppm)

- > 8
- 5 - 8
- 2 - 5
- < 2

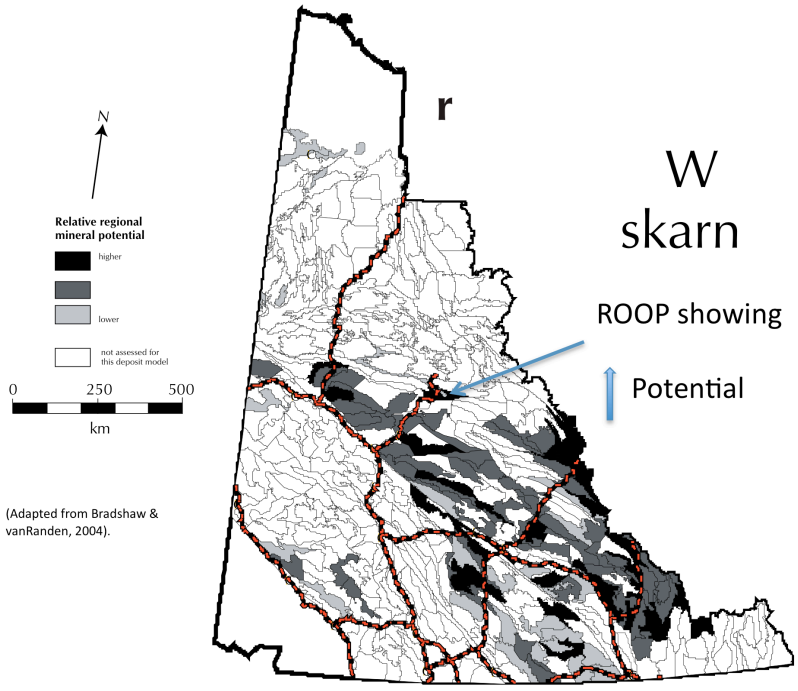
Keno Hill Exploration Corp.

Roop - 2009 Exploration Program
Figure 7. W-Soil Sample Bubble Plot

NTS Map Sheet- 105M/15
Datum- NAD83
Drafted by: L.R. Blackburn

Mining District- Mayo
UTM- Zone 8N
Date- Jun-14-2010

Figure 8. *W-Skarn Mineral Assessment Potential (Yukon-wide)*



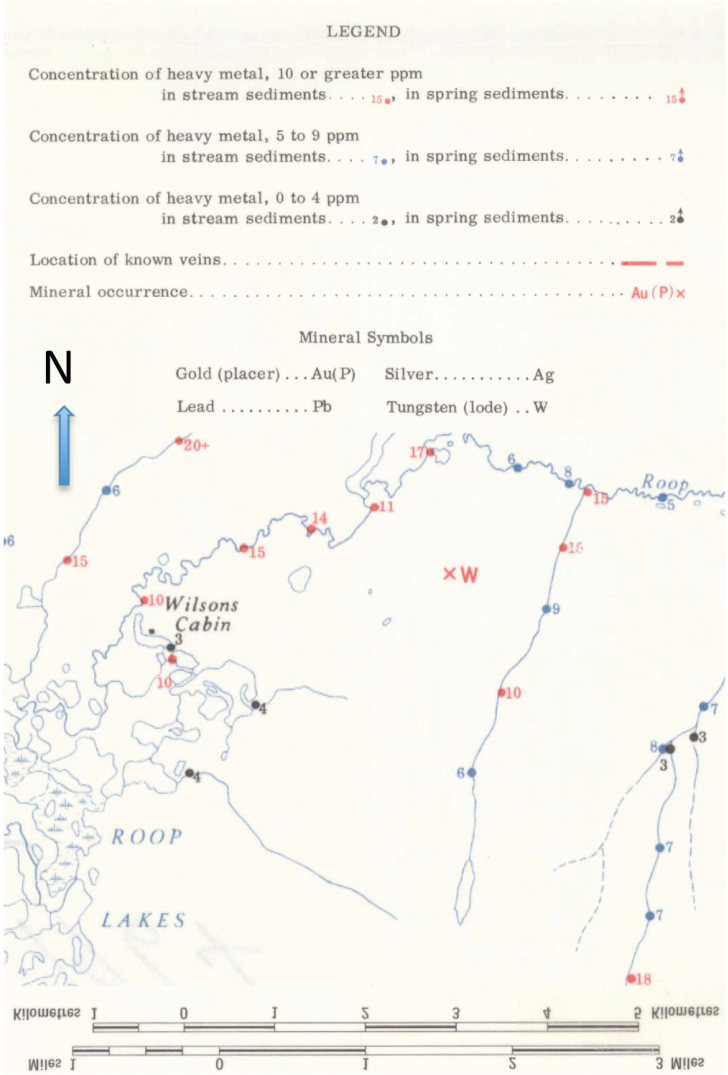
The occurrence of tin and tungsten minerals in gold placer deposits around granodiorite stocks north and northwest of Mayo in the unglaciated and lightly glaciated terrain suggests their presence around similar stocks to the east where glaciation was more intense and placer deposits have not been found (Little, 1959). Tungsten geochemistry in the district is highly influenced by glacial events. In the lightly glaciated regions north of Mayo and Roop Lakes highly anomalous tungsten is common in soils and is associated with heavy mineral concentrates in placers. For instance, zinc and especially arsenic, antimony and tungsten are enriched in the highly aluminous (B and C-horizons) soils and weathered debris overlying parts of the Dublin Gulch granodiorite (Boyle, 1965). The tungsten content of residual soils, tills, and organic muck and peat on Galena and Keno Hills is generally less that 4 ppm (Boyle, 1965). However, in more the more intensely glaciated regions surrounding east Mayo Lake and Roop Lakes, tungsten is anomalous in soils (D-horizon, glacial materials) at much lower concentrations (see *Figure 9. Heavy Metal Content of Stream and Spring Sediments* on following page).

Furthermore, the area should be examined for REE-potential within megacrystic dykes that intrude the Roop Lakes granodiorite stock and bordering metasediments. Hugh Bostock (1979) went to the Roop Lakes area in search for coarse cassiterite in quartz veins that a local Keno prospector had reportedly brought back. Although Bostock's crew was unable to find the cassiterite occurrence they did locate an outcrop that had been blasted and matched what the prospector described (in later years, stream and spring sediments sampling supports the prospectors claim as highly anomalous tin was reported in the samples in the area). However, Bostock's crew found a conspicuous mineral, which would later be identified as allanite [(Ce, Ca, Y,

$La)_2(Al, Fe^{3+})_3(SiO_4)_3(OH)]$, a mineral composed of significant amounts of REE. Allanite is found in metamorphic clay-rich sediments and felsic igneous rocks; these two geologic units are the primary rock types present on the property. The allanite Bostocks's crew collected was from within siliceous vein material in granitic rock (Roop Lakes intrusion).

In the past, the area surrounding Mayo Lake has been examined for Au-potential (refer to Lynch, 2006). The abundance of placer gold operations off of Mayo lake in conjunction with heavy mineral content of stream and spring sediments suggest that this area may have potential for W-Au. However, despite all of the suggestive mineral potential, KHEC's ROOP claims are targeting W±Sn-skarn and rare earth element(s) potential in granitic pegmatite, due to the proximity of the granitic stock and past reported tin and tungsten showings.

Figure 9. *Heavy Metal Content of Stream and Spring Sediments*



(Modified from Boyle, 1964, GSC Map 19-1964).

8. CONCLUSIONS

The ROOP 1-20 claims were staked by KHEC along an azimuth of due north over the area highlighted in 1943 by the GSC and completed two soil sampling lines with sample collection every 150 m along staking lines. In between these two staking lines the author prospected a long north-south trending ridge of outcrop and collected 13 soil samples (collected sporadically where soils were available) and 12 rock samples. During the program a total of 73 soil samples and 12 rock samples were collected and sent in for analysis with Ecotech Laboratory Ltd. Soil samples were dried and sieved to -80 mesh and analysed using 4-Acid Digestion (trace ICP-MS) for 47 elements. Tungsten was separately analyzed when it was reported >100 ppm. Soil samples were analyzed using the same process but were prepared differently (dried, crushed to -10 mesh and sub-sampled and split). Two rock samples reported >100 ppm W and were run for overlimits reporting 0.013-0.015% W. Three rock samples reported anomalous tin up to 41 ppm. The most geochemically anomalous soil sample ran 8.6 ppm W.

Upon returning from the field KHEC borrowed the YGS's ultraviolet lamp and examined the rock samples. The ultraviolet light highlighted fracture filling tungsten (scheelite?) as well as small, scattered crystals. Little (1959) noted that scheelite commonly occurs as disseminated or in small patches in the skarn, and in one instance was noted in pegmatite as a few small scattered crystals. The scheelite crystals the GSC found are coarser than in other localities (Little, 1959) and were up to ½" in size.

Despite the relatively low tungsten reported in soil samples and the fact KHEC was unable to find the original occurrence, the author encourages additional investigation of the claim area. Furthermore, it is recommended that KHEC examines and samples the biotite-muscovite pegmatite for REE-potential.

9. BUDGET SUMMARY

A total of $8227.00 was spent during the staking and grassroots exploration program on the ROOP claims by KHEC, see following page for *Table 4. 2009 Exploration Program Budget Break Down.*

Table 4. 2009 Exploration Program Budget Break Down

Staff		
L.R. Blackburn (Geologist)	4 days @ $400/day	$1,600
Matthas Bindig (Staker, prospecter)	4 days @ $300/day	$1,200
Dick Brost (Staker, sampler)	4 days @ $175/day	$700
Geochemistry		
Assays (soil samples)	73 soil @ $17/sample	$1,241
Assays (rock)	12 rock @ $23/sample	$156
Equipment Rental		
Radios (3)	@ $10/each/day	$120
Satellite Phone (1)	@ $15/day	$60
Generator (2500 watt)	@ $20/day	$80
Camp Rental	@ $115/day	$460
Transportation		
16' boat (30 HP)	@ $50/day	$200
Truck	@ $80/day	$320
Food		$450
Claim Tags & Recording		
Tags	$2/each	$40
Claim Recording	$10/each	$200
Report		
L. R. Blackburn (Geologist)	2 days @450/day	$900
TOTAL =		**$8,227.00**

10. RECOMMENDATIONS FOR FUTURE WORK

The author recommends additional grid soil sampling at tight 50-m sample spacing over 13 lines running north-south that are 115 m apart. The two central claim-lines sampled in 2009 will be in-filled by collecting two samples in between the current stations. The sampling will cover all of the currently staked ROOP 1-20 claims.

Detailed prospecting over the central claims will be completed particularly over the north-south trending ridge. Whilst prospecting a UV lamp should be used to help eliminate collection of samples that are barren of tungsten. Prospecting should also focus on the megacrystic dyke material and be analyzed for the presence of rare earth elements (*i.e.*, allanite).

A tentative schedule has been proposed for the 2010 exploration program on the ROOP Claims (see *Table 5. Proposed 2010 Work Schedule* and *Table 6. Proposed Exploration Program Budget* on following page). It is anticipated that additional staking may be completed to the south of the current as a result of anomalous soil results, however, this is dependent on prospecting results and logistics.

Table 5. Proposed 2010 Work Schedule

Task	L. Blackburn	M. Bindig	Exploration Personnel 1	Exploration Personnel 2	Total man-days
Mobe gear out to Mayo lake*	X	X			2
Mobe-In	X	X	X	X	4
Soil sampling	XXX	XXX	XXXXX	XXXXX	16
Prospecting	XX	XX			4
Mobe-out	X	X	X	X	4
Mobe-out gear to Keno from Mayo Lake*	X	X			2
					32 man-days

*Mobing in and out to camp takes one full day not including mobing gear out to Mayo Lake.

Table 6. Proposed Exploration Program Budget

Staff	**Man days @ rate**		**Cost**
4-person exploration personnel, soil sampling	16 man days @ $350/day		5950
2-person exploration personnel, prospecting	4 man days @ $350/day		1400
4-person exploration personnel, mobe-in/out	8 man days @ $300/day	(Based on a 7-day program)*	2800
Geochem	**Sample cost**	**Samples per man day**	**Cost**
Assays (Soil)- 485	$15/sample	~30 samples/person/day	7275
Assays (Rock)- 25	$25/sample	~6 samples/person/day	625
Equipment Rental	**YTG Guideline Rate**		
Radios (4)	@ $10/each/day	(Based on a 7-day program)*	280
Satellite Phone (1)	@ $125/week	(Based on a 7-day program)*	125
Generator (2500 watt)	@ $160/week	(Based on a 7-day program)*	160
Camp rental	(includes tent, stove etc.)	(Based on a 7-day program)*	805
Transportation	**Rate/hr (incl. fuel)**		
16' boat (30 HP)	7 days @ $895/week	YTG Guideline Rate	895
Truck	7 days @ $565/week	YTG Guideline Rate	565
Daily Living Expenses	**YTG Guideline Rate**		
4-person field personnel	$50/person/7 days	YTG Guideline Rate	1400
Report & Compilation			2000
			***TOTAL*= $24,280.00**

11. **Statement of Qualifications**

I, Lauren R. Blackburn of PO Box 28, Keno City, Yukon, am an employee of *Keno Hill Exploration Corp*.

I am a 50% owner of the ROOP property with Matthias Bindig (50% owner).

I am the author of this application and was present for the duration of the 2009 exploration program.

I am a graduate of the University Alberta with a BSc. Specialization in Geology. I have worked in the Yukon Territory since 2006 and in northern Canada since 2005.

I consent to the use of this report by Keno Hill Exploration Corp. for such assessment and/or regulatory and financing purposes deemed necessary, but if any part shall be taken as an excerpt, it shall be done with my approval.

Dated at Whitehorse, Yukon Territory this 4th day of January 2011.

Lauren Blackburn B.Sc.
Keno Hill Exploration Corp.,
PO Box 28,
Keno City, Yukon
Y0B 1M0

12. BIBLIOGRAPHY

Bostock, H.S., 1943. Upper McQuesten River, Yukon. Geological Survey of Canada, Paper 43-09.

Bostock, H.S., 1979. Packhorse Tracks: Recollections of a Geologists Life in British Columbia and the Yukon, 1924 – 1954. Geological Survey of Canada.

Boyle, R.W., 1965. Geology, Geochemistry and Origin, Lead-zinc-silver Deposits, Keno Hill-galena Hill Area, Yukon Territory, Descriptions of Tin, tungsten+gold. Geological Survey of Canada, Bulletin 111, 302 p.

Boyle, R.W., 1964. Mayo Lake, Yukon Territory: Heavy Metal Content of Stream and Spring Sediments, Map 19-1964, Geological Survey of Canada, 1:63 360-scale.

Bradshaw, G.D. and vanRanden, J.A., 2004. Yukon regional mineral potential by deposit models. *In*: Yukon Exploration and Geology 2003, D.S. Emond and L.L. Lewis (eds.), Yukon Geological Survey, p. 61-68.

Cerny, P., 1993. Rare-element Granitic Pegmatites. Part II: Regional to Global Environments and Petrogenesis. *In*: Ore Deposit Models- Volume II, P.A. Sheahan and M.E. Cherry (eds.), Geoscience Canada, pp. 49-62.

Deklerk, R. and Traynor, S. (compilers), 2009. Yukon MINFILE 2009- A database of mineral occurrences.

Green, L.H., 1957. Mayo Lake, Yukon Territory, Preliminary Map 5-1956, Geological Survey of Canada.

Hart, J.R., 2006. Tombstone Gold Belt- Intrusion-related gold, YGS Brochure 2006-6, Yukon Geological Survey/DIAND.

Little, H.W., 1959. Tungsten Deposits of Canada, Economic Geology Series No. 17, Geological Survey of Canada, 251 p.

Lynch, G., 2006. Sediment-hosted disseminated gold occurrence, northeast Mayo Lake area. *In*: Yukon Exploration and Geology 2005, D.S. Emond, G.D. Bradshaw, L.L. Lewis and L.H. Weston (eds.), Yukon Geological Survey, p. 327-339.

Roots, C.F., 1997a. Bedrock geology of Mayo area, central Yukon (105M). Exploration and Geological Services Division, Indian and Northern Affairs Canada, Geoscience Map 1997-1, 1:50 000 scale.

Roots, C.F., 1997b. Geology of the Mayo Map Area, Yukon Territory (105M). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 7, 82 p.

13. APPENDICIES

Appendix I- MINFILE Occurrence (Avenue- 105M 044)

Yukon Geological Survey - MINFILE Database Search

MINFILE#: 105M 044
UPDATED: 1998-05-05
PRIMARY NAME: ROOP
DEPOSIT TYPE: W Skarn
STATUS: SHOWING
TECTONIC ELEMENT: POST-AMALGAMATION PLUTONIC ROCKS

NTS MAP SHEET: 105M\15
LATITUDE: 63° 50' 52"
LONGITUDE: 134° 38' 47"

OTHER NAME(S):
MAJOR COMMODITIES:
MINOR COMMODITIES:
TRACE COMMODITIES:

CLAIMS(PREVIOUS & CURRENT)
NEVER STAKED

WORK HISTORY
Discovered in 1943 by the GSC and apparently never investigated.

GEOLOGY
Scheelite occurs as coarse crystals in skarny pegmatites and quartz veins at the contact of between a granite intrusion and metasedimentary rocks of the Late Proterozoic-Early Cambrian Hyland Group.

REFERENCES
GEOLOGICAL SURVEY OF CANADA. Tungsten Deposits of Canada. Economic Geology Series NO. 17, p. 36-37.

ROOTS, C.F., AND MURPHY, D.C., 1992. Geology of Mayo Map Area (105M). Geological Survey of Canada Open File 2483.

Appendix II- 2009 Assay Certificates- Rock- AW09-8177

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 AW 2009-8177

Keno Hill Exploration

22-Jan-10

No. of samples received: 12
Sample Type: Rock
Project: Roop Lakes
Submitted by: Lauren Blackburn

ET #.	Tag #	W (%)
5	09-Roop-013-1	0.013
11	09-Roop-018	0.015

QC DATA:
Standard:
MP2 0.657

NM/nw
XLS/09

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

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 AW 2009- 8177

Keno Hill Exploration

No. of samples received: 12
Sample Type: Rock
Project: Roop Lakes
Submitted by: Lauren Blackburn

Values in ppm unless otherwise reported

Et #.	Tag #	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppb	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
1	09-Roop-001	0.1	7.49	3.1	643.5	1.94	4.33	0.04	70.34	11.2	125.0	10.12	8.4	3.81	21.5	3.2	0.82	<5	1.95	36.0	75.5	1.54	726	3.21	1.656	24.08	11.4	945	22.85	105.4	0.004	0.04	0.42	9.4	0.5	5.7	321.0	4.30	0.16	14.8	0.481	0.91	4.0	82	2.9	70.5	10.39
2	09-Roop-003	0.1	3.70	1.5	41.5	8.88	0.96	0.04	1.60	0.4	67.0	4.76	2.1	0.32	14.4	2.0	5.24	<5	4.02	0.5	9.9	0.02	167	2.90	2.300	24.92	2.7	11	122.20	227.3	0.002	<0.02	0.26	<0.1	0.1	1.1	58.0	4.80	0.10	3.9	0.019	1.20	32.5	4	1.8	6.9	65.12
3	09-Roop-006	0.1	3.40	1.8	188.5	2.14	4.66	0.09	35.69	3.6	184.0	1.70	6.3	1.84	8.0	1.8	0.96	30	0.90	18.5	15.4	0.38	1586	0.27	0.155	6.62	9.9	82	63.62	44.9	0.002	0.04	0.40	2.7	0.2	2.1	42.0	2.00	0.02	9.9	0.176	0.16	1.2	24	32.1	30.3	13.91
4	09-Roop-011	0.1	7.54	8.7	34.0	3.98	>10	0.57	80.37	9.6	178.0	0.26	2.0	3.48	19.7	4.1	2.22	20	0.06	39.5	5.5	1.11	1502	2.84	0.145	18.36	22.0	306	18.01	2.4	0.003	<0.02	2.62	9.2	0.5	25.4	474.0	7.20	0.12	17.9	0.332	<0.02	4.0	58	3.7	150.5	33.53
5	09-Roop-013-1	0.1	7.76	3.3	33.5	5.16	>10	1.34	33.28	6.7	176.5	0.30	7.5	4.71	25.1	9.5	2.84	110	0.05	16.0	4.8	0.59	5529	0.44	0.250	35.80	13.5	295	7.13	1.8	0.001	<0.02	2.38	6.3	0.4	40.8	80.0	9.40	0.06	8.9	0.278	<0.02	5.3	50	>100	106.0	36.65
6	09-Roop-013-2	0.3	3.90	1.7	243.0	32.04	1.31	0.03	0.80	0.6	125.5	3.18	23.3	1.36	13.2	1.9	1.14	<5	2.33	<0.5	10.4	0.05	47	3.98	2.119	4.70	3.0	69	27.39	105.1	<0.001	<0.02	0.40	<0.1	0.3	2.6	201.5	1.85	0.10	2.4	0.023	0.60	2.4	6	1.2	10.3	16.28
7	09-Roop-014-1	0.1	5.76	1.7	271.0	2.58	1.48	0.03	8.99	2.9	115.5	5.48	2.4	0.93	19.9	2.7	2.10	<5	4.87	4.5	17.8	0.28	246	0.43	2.235	32.24	5.0	153	118.90	232.7	0.002	<0.02	0.26	1.6	0.2	1.6	122.5	5.60	0.04	4.9	0.090	1.16	12.1	20	2.3	19.4	19.63
8	09-Roop-014-2	0.2	7.83	2.8	712.5	2.64	5.02	0.05	65.41	14.1	196.0	12.32	40.7	4.88	27.3	3.5	0.94	<5	2.75	33.5	86.4	1.33	720	4.45	1.340	20.74	35.2	926	31.79	70.5	<0.001	0.16	0.24	9.5	0.8	1.8	258.0	3.90	0.14	11.6	0.634	0.92	2.9	118	2.0	101.3	24.52
9	09-Roop-015	1.2	2.43	1.0	58.5	2.86	0.49	0.09	1.57	0.5	69.5	7.14	6.4	0.41	16.8	2.2	6.46	<5	2.93	0.5	8.4	0.02	748	0.91	3.525	40.54	3.1	4	77.95	208.1	0.004	<0.02	0.16	5.0	0.2	0.8	30.5	7.25	0.06	3.2	0.008	1.42	7.9	6	1.9	14.0	63.97
10	09-Roop-016	0.2	3.35	1.3	11.5	2.80	1.11	0.09	0.80	0.3	90.0	6.92	2.2	0.57	19.5	2.7	7.98	20	2.82	<0.5	8.1	<0.01	1748	2.84	3.011	27.02	2.6	6	122.90	226.6	0.004	<0.02	0.52	0.4	0.3	0.8	15.0	3.60	0.06	5.3	0.006	1.12	14.1	4	1.2	6.5	89.16
11	09-Roop-018	0.1	3.42	1.6	37.5	0.88	8.39	0.28	35.80	4.2	166.0	0.34	4.1	2.39	9.3	3.0	1.12	120	0.08	17.0	3.6	0.41	2987	0.51	0.091	8.72	10.8	83	5.56	4.4	0.003	<0.02	0.40	2.4	0.3	16.4	32.5	1.30	0.04	9.8	0.189	<0.02	1.8	24	>100	47.9	16.79
12	09-Roop-018-2	0.2	2.60	1.7	120.5	0.70	0.77	0.05	28.04	3.6	208.0	1.50	20.2	2.46	6.6	1.9	0.26	10	0.80	14.0	24.8	0.74	579	4.24	0.138	3.96	10.1	167	11.06	42.5	0.002	0.08	0.22	2.9	0.2	0.2	27.5	0.35	0.08	6.2	0.144	0.12	1.0	24	0.9	37.3	7.24
QC DATA:																																															
Repeat:																																															
1	09-Roop-001	0.1	7.52	3.4	656.0	2.20	4.44	0.03	68.23	11.4	128.0	10.36	8.8	3.93	21.7	3.3	0.66	<5	1.99	35.5	77.6	1.57	737	3.39	1.689	25.16	11.8	953	23.37	106.6	0.002	0.02	0.32	9.8	0.4	5.7	320.0	4.40	0.10	12.7	0.486	0.88	3.7	86	1.5	72.0	10.61
10	09-Roop-016	0.2	3.50	1.2	12.0	2.80	1.15	0.09	0.95	0.3	83.5	7.06	2.3	0.59	19.8	2.9	8.52	5	2.81	<0.5	8.3	<0.01	1777	2.91	3.039	33.80	2.5	7	124.70	234.4	0.002	<0.02	0.50	0.5	0.3	0.8	15.5	4.00	0.08	6.4	0.005	1.10	17.0	4	1.6	6.6	95.62
Resplit:																																															
1	09-Roop-001	0.1	7.69	3.5	666.0	1.76	4.53	0.04	63.97	11.9	140.0	10.40	9.1	3.98	21.9	3.4	0.70	<5	2.05	32.5	77.8	1.61	753	3.02	1.709	26.54	12.2	989	23.54	104.7	0.003	0.02	0.32	10.0	0.4	5.8	329.5	4.35	0.08	12.5	0.498	0.88	5.0	88	1.7	73.9	11.79
Standard:																																															
OREAS43P		0.6	4.96	108.5	479.0	3.76	0.32	0.30	49.04	72.5	1116.0	5.88	442.7	17.35	12.7	6.6	3.10	40	1.80	29.5	25.1	0.53	628	125.60	0.190	5.32	508.4	352	152.30	75.5	0.016	<0.02	12.46	9.7	0.7	2.3	31.0	1.05	0.18	8.7	0.289	0.78	3.2	70	21.2	439.0	96.46
C-Test:		<0.1	6.44	1.0	1025.0	0.74	3.40	0.03	30.36	4.6	109.5	4.08	1.0	2.40	19.6	2.6	0.66	<5	3.31	14.5	38.2	0.81	737	0.27	2.988	24.22	1.7	763	3.16	96.8	<0.001	<0.02	0.04	3.9	0.3	0.6	628.0	2.25	0.12	4.3	0.258	0.74	2.1	56	0.5	35.9	3.52

Aqua Regia Digest/ICPMS Finish

NM/nw
df/ms_TD8177S
XLS/09

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

Appendix III- 2009 Soil Sample Data

Waypoint	Easting_ NAD83	Northng_ NAD83	Depth (cm)	Colour	Organics	Sampler	Description	W ppm	Sn ppm
A-01	517000	7078425	10	Grey-brown	40%	D. Brost	Silt-rich, in channel.	8.6	3.9
A-02	517016	7078566	15	Light brown	40%	D. Brost	Silt-rich, in channel with alders.	1.2	1.8
A-03	517014	708734	10	Light brown	25%	D. Brost	Silt and sand-rich, under rock.	1.0	2.7
A-04	616999	7078864	8	Light brown	25%	D. Brost	Silt and small rocks, between granitic boulders.	0.8	1.2
A-05	517000	7079325	5	Brown	30%	D. Brost	Dark brown silt, tiny creek bed.	1.1	1.5
A-06	517003	7079161	20	Red-brown	30%	D. Brost	Silt-rich, under fallen spruce roots.	1.0	1.4
A-07	517006	7079322	5	Red-brown	30%	D. Brost	Silt and pebble-rich, under granitic rock.	1.3	2.0
A-08	517043	7079476	5	Red-brown	35%	D. Brost	Silt-rich, under granitic rock.	1.0	1.4
A-09	517010	7079622	15	Red-brown	30%	D. Brost	Silt and small rocks, under granitic rock.	1.4	2.3
A-10	517007	7079758	30	Grey-brown	20%	D. Brost	Silt and small rocks, under 10" moss matt in area with granitic rocks.	3.8	2.2
A-11	517008	7079997	10	Red-brown	35%	D. Brost	Small rocks, under granitic shelf.	2.5	1.8
A-12	517011	7080087	25	Red-brown	30%	D. Brost	Silt, small pebbles, under 10" moss layer.	1.1	1.3
A-13	517004	7080222	10	Red-brown	30%	D. Brost	Silt rich, small rocks, next to granite under moss.	1.3	2.3
A-14	517004	7080374	20	Grey-brown	15%	D. Brost	Silt and small rocks, flat ground under moss.	0.9	1.1
A-15	517007	7080516	20	Red-brown	15%	D. Brost	Silt and small rocks, under moss on game trail.	0.9	1.2
A-16	516999	7080672	30	Grey-brown	20%	D. Brost	Silt-rich, under moss, wet ground near creek.	1.2	1.8
B-01	517161	7078420	15	Brown	40%	D. Brost	Silt-rich, under moss.	1.4	2.8
B-02	517161	7078613	10	Red-brown	40%	D. Brost	Between granitic boulders.	1.3	1.9
B-03	517157	7078847	15	Red-brown	40%	D. Brost	Silt, sand and pebbles.	1.2	1.7
B-04	517152	7079011	10	Red-brown	30%	D. Brost	Silt, sand and pebbles.	1.2	1.4
B-05	517159	7079166	15	Light brown	35%	D. Brost	Silt and small rocks.	1.7	4.3
B-06	NO SAMPLE					D. Brost			
B-07	517162	7079459	25	Yellow	20%	D. Brost	Silty, under moss layer.	1.2	1.5
B-08	517164	7079616	15	Brown	30%	D. Brost	Wet, silty, under moss layer.	1.2	2.2
B-09	517163	7079730	15	Red-brown	30%	D. Brost	Silt with small rocks, under moss layer on knoll.	1.1	1.5
B-10	517187	7079938	10	Light red-brown	30%	D. Brost	Silt and small rocks under moss layer near granite blocks.	1.0	1.9

Waypoint	As ppm	Ag ppm	Al %	Ba ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
A-01	28.3	0.2	7.16	953.5	1.42	4.36	0.46	112.00	37.7	61.0
A-02	16.8	0.2	4.85	821.0	1.04	0.46	0.10	52.19	8.5	56.5
A-03	3.5	0.1	2.65	432.0	0.46	0.47	0.09	48.82	1.8	30.5
A-04	6.3	0.2	2.48	438.0	0.36	0.32	0.06	44.91	4.8	33.5
A-05	7.8	0.1	3.59	961.5	0.46	0.44	0.05	42.88	9.7	46.0
A-06	5.4	0.2	3.73	808.5	0.46	0.61	0.14	55.99	7.8	46.5
A-07	6.4	0.2	4.47	1042.0	0.52	0.70	0.17	52.69	5.5	53.0
A-08	10.5	0.2	4.12	668.5	0.46	0.51	0.17	46.33	7.6	50.5
A-09	5.9	0.2	3.84	827.0	0.44	0.52	0.11	39.04	3.1	46.5
A-10	15.6	0.2	4.83	815.5	0.70	0.55	0.13	47.52	7.5	55.5
A-11	9.1	0.2	3.15	648.0	0.36	0.42	0.08	45.45	3.5	44.0
A-12	8.9	0.1	3.28	759.0	0.30	0.53	0.08	56.69	6.9	50.0
A-13	10.4	0.5	4.73	921.5	0.64	1.25	0.25	61.34	17.5	53.5
A-14	11.7	0.2	3.17	596.5	0.32	0.40	0.19	43.19	10.8	52.5
A-15	8.4	0.1	3.27	629.0	0.28	0.34	0.07	51.01	7.2	43.0
A-16	11.3	0.1	3.63	892.5	0.36	0.33	0.14	44.67	6.8	53.5
B-01	15.5	0.2	4.86	829.0	0.76	0.88	0.15	48.47	7.4	53.0
B-02	12.2	0.2	5.38	877.0	0.66	0.56	0.16	67.30	10.1	61.0
B-03	12.5	0.2	4.83	902.0	0.62	0.61	0.19	54.67	16.1	69.0
B-04	7.4	0.2	3.61	761.5	0.50	0.50	0.08	53.03	7.9	51.5
B-05	6.4	0.2	5.32	830.0	0.74	1.08	0.16	40.68	5.0	41.5
B-06										
B-07	8.8	0.1	4.11	965.0	0.50	0.48	0.10	54.85	9.1	50.5
B-08	12.3	0.1	4.38	814.5	0.68	0.61	0.11	63.98	7.6	52.5
B-09	5.8	0.1	3.67	971.5	0.46	0.49	0.07	55.02	3.5	45.0
B-10	15.9	0.4	6.04	1437.0	0.92	0.22	0.33	62.06	25.4	78.0

Waypoint	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppb	K %	La ppm	Li ppm
A-01	11.34	85.1	3.89	19.6	4.2	1.26	15	2.02	58.5	75.6
A-02	7.04	19.5	3.26	14.4	3.1	1.72	10	1.07	26.0	39.0
A-03	1.60	8.2	1.04	13.0	2.0	1.60	15	0.86	24.5	9.2
A-04	1.72	12.8	1.81	9.0	1.7	1.10	20	0.77	23.0	15.4
A-05	2.76	14.7	2.43	11.7	2.3	1.46	15	0.89	21.0	30.5
A-06	3.36	11.0	1.91	12.1	2.1	1.42	10	1.10	28.5	22.5
A-07	4.70	12.4	2.12	14.3	2.4	1.48	10	1.34	27.5	28.1
A-08	3.66	18.9	3.35	11.4	2.7	1.32	10	0.90	23.5	30.7
A-09	3.64	9.3	1.76	15.3	2.3	1.54	10	1.30	20.0	17.6
A-10	5.68	13.9	3.51	15.7	3.1	1.52	10	1.17	24.0	36.3
A-11	4.20	11.1	1.94	12.4	2.4	1.74	15	0.99	23.0	15.4
A-12	2.20	17.6	2.36	11.2	2.2	1.66	20	0.97	28.5	24.2
A-13	6.66	27.6	2.82	13.9	2.8	1.34	10	1.19	34.0	36.1
A-14	2.44	25.7	2.91	10.2	2.3	1.26	10	0.76	22.0	24.0
A-15	2.22	18.8	2.35	10.8	2.3	1.52	15	0.91	25.0	22.4
A-16	4.06	17.1	2.79	13.0	2.6	1.70	15	0.99	22.5	29.5
B-01	6.66	15.3	3.27	15.9	2.7	1.90	10	1.23	25.0	30.2
B-02	10.06	26.9	3.44	15.3	3.1	1.56	10	1.17	35.0	37.7
B-03	3.14	46.2	3.76	14.6	3.0	1.38	10	1.02	27.0	30.2
B-04	2.36	19.9	2.59	11.8	2.4	1.36	10	1.12	27.0	26.3
B-05	7.70	8.7	2.85	19.1	2.7	2.02	10	1.44	20.5	37.0
B-06										
B-07	2.42	18.1	2.67	12.2	2.4	1.60	10	1.01	27.0	30.3
B-08	4.52	14.2	3.14	15.0	2.8	1.82	10	1.14	31.5	34.5
B-09	2.58	5.0	1.38	12.6	1.9	1.64	10	1.13	28.0	28.6
B-10	4.72	19.1	4.46	18.5	3.1	2.06	10	1.62	29.5	52.6

Waypoint	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm
A-01	1.12	729	1.80	1.351	13.36	83.9	700	37.74	172.1	0.003
A-02	0.56	233	2.40	1.078	10.74	22.5	282	29.37	70.6	0.003
A-03	0.20	146	0.78	0.924	11.06	5.5	262	17.54	35.9	0.001
A-04	0.43	252	0.61	0.583	6.20	14.5	191	13.06	42.5	0.003
A-05	0.54	274	1.49	0.911	8.76	21.6	171	21.23	46.6	<0.001
A-06	0.53	468	0.76	0.791	8.52	15.1	447	17.26	65.6	0.003
A-07	0.67	250	0.95	0.942	10.30	16.6	438	21.01	94.0	0.002
A-08	0.51	264	1.41	0.722	8.10	22.6	435	27.81	58.3	0.002
A-09	0.45	195	1.90	1.033	11.04	9.7	304	18.46	65.8	0.002
A-10	0.60	322	2.29	0.899	11.26	19.4	246	23.80	94.2	0.003
A-11	0.40	210	2.12	0.869	10.20	10.1	210	17.57	55.5	<0.001
A-12	0.57	301	1.61	0.873	8.68	20.2	169	18.65	52.7	0.003
A-13	0.67	556	2.07	0.942	10.18	26.6	558	25.79	89.1	0.001
A-14	0.67	302	1.06	0.622	7.72	33.3	275	19.76	46.0	0.001
A-15	0.43	195	1.36	0.841	8.16	20.4	174	17.29	57.7	<0.001
A-16	0.52	208	2.59	1.033	10.38	18.1	243	18.53	60.6	<0.001
B-01	0.64	433	4.63	1.079	15.66	17.6	644	30.54	114.8	<0.001
B-02	0.73	299	9.28	1.026	10.74	29.3	288	33.31	92.5	0.001
B-03	0.97	482	1.11	0.834	10.70	45.4	355	28.97	54.8	<0.001
B-04	0.70	381	1.76	0.733	7.60	23.6	488	21.19	61.5	<0.001
B-05	0.55	267	4.96	1.526	20.02	10.7	194	25.85	89.2	<0.001
B-06										
B-07	0.65	275	0.96	0.922	8.76	24.1	155	22.63	55.5	<0.001
B-08	0.61	281	2.57	1.002	11.44	21.2	209	20.09	94.0	<0.001
B-09	0.49	152	2.00	1.034	10.22	9.4	189	18.41	71.5	<0.001
B-10	0.60	868	1.77	0.760	8.40	91.1	787	36.78	98.0	<0.001

Waypoint	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm
A-01	0.10	0.82	10.6	1.3	250.0	1.50	0.14	15.4	0.377	0.74
A-02	<0.02	1.80	7.2	0.9	111.0	1.05	0.12	10.2	0.332	0.56
A-03	<0.02	0.52	4.2	0.5	90.5	1.15	0.06	5.8	0.340	0.32
A-04	<0.02	0.42	4.5	0.6	53.0	0.40	0.06	6.3	0.242	0.32
A-05	<0.02	0.68	5.8	0.5	91.5	0.65	0.08	5.9	0.289	0.46
A-06	0.02	0.34	6.8	0.7	90.5	0.70	0.08	7.9	0.294	0.46
A-07	0.02	0.44	8.4	0.8	121.5	0.90	0.08	9.0	0.322	0.74
A-08	<0.02	0.58	6.6	0.7	86.0	0.70	0.08	8.4	0.279	0.48
A-09	<0.02	0.48	6.9	0.4	116.5	0.95	0.08	5.5	0.366	0.72
A-10	<0.02	0.78	7.9	0.6	104.0	0.90	0.14	7.5	0.378	0.84
A-11	<0.02	0.60	5.6	0.5	89.5	0.75	0.08	6.0	0.353	0.46
A-12	<0.02	0.70	6.1	0.8	92.5	0.65	0.06	8.3	0.340	0.44
A-13	0.06	0.50	9.4	1.2	138.5	0.85	0.08	9.8	0.327	0.74
A-14	<0.02	0.70	6.2	0.7	65.5	0.60	0.06	6.4	0.319	0.38
A-15	<0.02	0.88	5.5	0.6	84.5	0.55	0.06	7.2	0.300	0.40
A-16	<0.02	1.24	6.0	0.6	102.0	0.75	0.14	7.2	0.334	0.52
B-01	<0.02	1.28	8.9	0.7	126.0	2.00	0.12	7.3	0.410	0.66
B-02	<0.02	1.46	8.8	1.0	129.0	1.50	0.12	9.6	0.369	0.68
B-03	<0.02	0.72	9.3	0.8	87.0	1.40	0.08	8.6	0.439	0.56
B-04	<0.02	0.54	6.9	0.6	74.0	0.90	0.08	7.7	0.306	0.46
B-05	<0.02	0.88	8.9	0.5	177.0	1.85	0.10	5.6	0.503	0.66
B-06										
B-07	<0.02	0.76	7.1	0.6	94.5	0.95	0.08	8.5	0.310	0.46
B-08	<0.02	0.96	7.8	0.7	106.0	1.15	0.14	9.1	0.379	0.58
B-09	<0.02	0.58	6.6	0.5	104.5	0.85	0.06	6.9	0.360	0.52
B-10	<0.02	1.00	10.1	1.0	88.0	1.25	0.16	10.3	0.302	0.80

Waypoint	U ppm	V ppm	Zn ppm	Zr ppm
A-01	9.5	74	123.3	35.44
A-02	23.9	120	66.2	52.03
A-03	1.9	60	26.6	43.51
A-04	1.3	58	47.0	34.59
A-05	1.9	92	50.5	44.66
A-06	4.3	72	58.2	43.50
A-07	6.7	86	67.2	43.89
A-08	5.8	76	56.7	41.14
A-09	2.2	100	40.2	47.46
A-10	2.9	114	64.4	44.45
A-11	2.3	96	37.1	49.84
A-12	3.3	90	55.1	50.51
A-13	19.4	88	84.7	41.53
A-14	1.4	82	55.8	39.13
A-15	1.8	86	48.5	46.93
A-16	3.6	122	60.0	53.04
B-01	4.9	106	60.4	50.51
B-02	12.4	110	70.8	46.63
B-03	2.2	102	88.2	40.82
B-04	2.3	82	68.4	40.70
B-05	2.7	108	57.9	50.03
B-06				
B-07	1.9	94	53.7	49.33
B-08	2.1	112	57.5	53.51
B-09	2.0	112	50.1	51.65
B-10	2.0	140	225.8	65.38

Waypoint	Easting_ NAD83	Northng_ NAD83	Depth (cm)	Colour	Organics	Sampler	Description	W ppm	Sn ppm
B-11	517166	7080071	15	Red-brown	30%	D. Brost	Silt and small rocks under moss layer near granite.	0.9	1.5
B-12	517176	7080220	10	Red-brown	30%	D. Brost	Silt and small rocks under moss layer near granite.	1.4	2.7
B-13	517180	7080365	10	Red-brown	30%	D. Brost	Silt and small rocks under moss layer near granite.	1.8	2.3
B-14	NO SAMPLE					D. Brost			
B-15	517170	7080673	5	Grey-brown	30%	D. Brost	Silty, near creek under moss layer.	1.2	2.1
C-01	517302	7078417	5	Brown	30%	D. Brost	Silt, small rocks, crevice between granitic blocks.	1.1	1.9
C-02	517322	7078560	10	Brown	30%	D. Brost	Silt, small rocks, crevice between granitic blocks.	1.0	1.3
C-03	517305	7078721	10	Grey	30%	D. Brost	Silt rich, bottom of crevice.	1.2	1.1
C-04	517295	7078865	10	Yellow-brown	25%	D. Brost	Silt and small rocks, bottom of crevice.	1.5	1.8
C-05	517308	7079039	25	Yellow-brown	25%	D. Brost	Silt and small rocks, bottom of crevice.	1.2	1.6
C-06	517307	7079164	15	Red-brown	25%	D. Brost	Silt, between granitic blocks.	1.3	1.6
C-07	517307	7079311	15	Yellow-brown	15%	D. Brost	Silt, between granitic blocks.	4.2	1.9
C-08	517322	7079480	10	Yellow-brown	15%	D. Brost	Silt, few small rocks, between granitic blocks.	1.8	1.5
C-09	517292	7079631	20	Grey	25%	D. Brost	Silt, under moss in little clearing.	1.9	2.6
C-10	517301	7079918	15	Yellow-grey	25%	D. Brost	Silt-rich, under birch tree on slope.	1.6	1.7
C-11	517314	7080087	10	Red-brown	25%	D. Brost	Silty, on granite.	1.6	1.9
C-12	517309	7080217	10	Light yellow-brown	25%	D. Brost	Small rocks, under and between granite.	2.4	2.7
C-13	517302	7080358	25	Light yellow-brown	30%	D. Brost	Silty, few small rocks, under moss layer, in opening.	1.8	1.5
C-14	517215	7080358	15	Red-brown	30%	D. Brost	Silty, under moss layer by granite slabs.	1.3	2.9
C-15	517313	7080528	20	Red-brown	30%	D. Brost	Silty, under moss layer by granite slabs.	1.5	2.4
C-16	517305	7080679	20	Red-brown	30%	D. Brost	Silty with rocks, under moss layer by granite.	1.9	1.6
D-Falcon	517430	7078750	20	Chocolate brown	30%	L.Blackburn	Rock chips, at side of talus slope.	1.6	1.6
D-Showing	517453	7080312	10	Rusty, red-brown	10%	L.Blackburn	Dry, silty, clay-poor, on hillside edge.	0.8	1.0

Waypoint	As ppm	Ag ppm	Al %	Ba ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
B-11	8.6	0.3	4.94	1674.0	0.62	0.65	0.52	73.97	11.8	64.0
B-12	7.0	0.2	5.84	789.5	1.98	1.75	0.16	46.39	7.0	30.5
B-13	11.7	0.4	5.38	912.5	0.96	0.68	0.21	61.37	12.1	66.5
B-14										
B-15	7.1	0.3	4.19	913.0	0.88	1.42	0.25	58.73	15.6	51.0
C-01	17.7	0.1	3.69	670.0	0.42	0.53	0.08	41.99	7.3	51.5
C-02	14.8	0.1	4.35	961.0	0.32	0.37	0.11	55.22	13.0	59.0
C-03	5.5	0.2	3.04	1123.0	0.26	0.55	0.38	64.75	8.1	46.0
C-04	11.4	0.4	3.44	839.5	0.34	0.28	0.09	50.93	3.9	52.0
C-05	10.5	0.2	4.63	990.0	0.32	0.62	0.18	59.08	7.6	58.0
C-06	10.6	0.3	4.02	909.0	0.40	0.33	0.25	46.67	7.4	53.5
C-07	16.6	0.9	6.45	1395.0	0.40	0.35	0.25	60.09	5.5	83.5
C-08	8.3	0.5	5.84	1454.0	0.32	0.65	0.18	67.66	11.0	66.0
C-09	8.8	0.2	8.16	1130.0	0.42	0.37	0.09	76.60	3.1	75.0
C-10	25.4	0.1	6.25	1099.0	0.46	0.54	0.16	76.72	26.7	74.5
C-11	6.8	0.3	6.21	990.0	0.32	0.92	0.26	51.39	5.5	75.5
C-12	21.9	0.1	7.95	903.5	0.40	0.76	0.11	75.79	16.6	76.0
C-13	7.0	0.1	4.91	792.5	0.26	0.76	0.09	63.00	8.7	56.0
C-14	19.4	0.3	8.16	1089.0	0.80	1.12	0.20	45.54	14.9	71.5
C-15	8.8	0.2	6.72	989.5	0.52	1.32	0.13	45.57	7.6	48.5
C-16	12.0	0.1	4.73	901.5	0.44	0.71	0.13	54.43	9.5	50.5
D-Falcon	15.4	0.2	4.73	930.5	0.34	0.61	0.13	65.26	10.6	63.5
D-Showing	5.5	0.4	3.37	665.0	0.34	0.54	0.14	50.83	6.9	47.0

Waypoint	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppb	K %	La ppm	Li ppm
B-11	3.34	25.4	3.20	15.3	2.9	2.08	10	1.69	36.5	42.7
B-12	6.08	21.9	2.24	16.4	2.3	2.08	15	2.21	23.0	26.7
B-13	7.26	39.8	3.69	18.0	3.0	1.34	10	1.61	31.5	47.5
B-14										
B-15	5.18	37.4	2.74	13.1	2.6	1.28	15	1.22	33.0	36.4
C-01	4.22	19.3	3.37	14.4	2.6	1.46	10	0.97	21.0	25.7
C-02	3.72	26.8	3.12	12.3	2.8	1.84	10	1.00	27.5	31.5
C-03	2.14	18.7	2.14	10.9	2.2	1.74	25	1.07	32.5	26.4
C-04	3.36	10.1	2.20	14.8	2.4	1.98	10	0.97	25.5	19.0
C-05	4.54	43.8	3.21	13.9	2.3	1.72	10	1.14	29.5	23.0
C-06	5.04	22.6	3.21	13.3	2.5	1.40	10	1.17	23.5	35.2
C-07	5.82	21.0	4.09	17.9	2.6	2.06	15	1.57	32.0	33.3
C-08	4.44	20.1	2.60	14.9	1.7	1.78	10	1.40	35.0	30.5
C-09	4.32	9.4	2.62	23.5	1.9	2.14	10	2.43	39.5	27.8
C-10	7.92	66.0	3.85	16.6	2.4	1.58	20	1.48	39.5	52.9
C-11	6.14	29.9	2.10	16.8	1.5	1.68	15	1.50	27.5	18.8
C-12	6.70	24.2	3.90	20.0	2.6	1.76	10	1.93	40.0	42.0
C-13	2.12	23.8	2.72	12.7	1.8	1.60	25	1.05	32.0	22.2
C-14	5.50	25.0	6.47	21.6	3.3	2.12	10	1.03	24.0	67.8
C-15	6.68	10.1	3.78	19.4	2.2	1.48	10	1.32	24.0	43.6
C-16	3.70	32.5	3.27	12.0	2.0	1.34	15	1.02	28.0	31.0
D-Falcon	3.02	41.7	3.11	13.7	2.5	1.62	10	1.23	33.5	30.1
D-Showing	2.32	62.1	2.48	9.4	1.9	0.90	10	0.84	28.0	15.8

Waypoint	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm
B-11	0.74	628	1.10	1.036	7.14	37.1	815	27.24	84.9	0.001
B-12	0.59	450	1.90	1.791	17.98	11.6	1124	38.94	117.6	0.002
B-13	0.98	504	2.71	1.002	12.08	30.3	808	36.84	95.5	<0.001
B-14										
B-15	0.75	652	2.82	0.960	11.12	30.4	793	27.16	78.6	0.001
C-01	0.62	291	4.37	0.787	10.58	21.6	443	22.21	56.5	0.002
C-02	0.63	251	1.87	0.918	8.70	32.9	267	24.17	57.2	0.001
C-03	0.50	516	0.72	0.880	6.28	25.1	617	19.69	50.3	0.001
C-04	0.36	174	1.79	0.802	11.86	11.5	245	18.83	49.1	0.002
C-05	0.65	278	1.52	0.983	9.30	28.3	549	22.55	65.0	0.002
C-06	0.58	271	1.54	0.682	9.10	25.6	414	24.83	73.8	0.002
C-07	0.58	264	2.87	0.779	11.00	17.1	596	25.19	116.6	0.001
C-08	0.67	407	1.92	0.944	8.92	24.2	876	18.55	90.3	<0.001
C-09	0.70	208	1.62	0.975	11.28	7.9	537	21.00	128.5	0.002
C-10	0.98	642	1.65	0.681	8.32	74.2	737	26.78	91.7	0.002
C-11	0.63	281	1.00	1.120	9.66	18.9	737	17.58	79.0	0.002
C-12	0.95	373	1.19	0.925	12.78	36.9	450	56.33	105.7	<0.001
C-13	0.73	365	0.88	0.882	9.32	23.6	345	18.50	56.8	<0.001
C-14	0.89	406	5.66	1.199	17.18	24.7	741	30.55	61.4	0.002
C-15	0.70	314	3.02	1.195	17.40	15.4	411	22.12	72.3	0.002
C-16	0.63	376	1.16	0.825	8.42	29.2	533	24.78	59.3	<0.001
D-Falcon	0.87	356	1.57	0.996	9.14	36.1	664	26.04	74.5	<0.001
D-Showing	0.58	229	0.87	0.459	5.14	24.0	854	23.44	47.8	<0.001

Waypoint	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm
B-11	0.04	0.98	9.3	1.4	133.5	0.95	0.10	11.3	0.254	0.64
B-12	0.08	0.58	7.6	1.1	249.5	3.05	0.12	10.9	0.277	0.70
B-13	0.06	0.68	9.0	0.9	121.0	1.60	0.10	9.1	0.390	0.76
B-14										
B-15	0.06	0.56	8.6	1.3	140.5	1.20	0.06	8.8	0.352	0.62
C-01	<0.02	0.92	7.2	0.5	90.0	0.75	0.14	6.3	0.365	0.54
C-02	<0.02	1.42	7.2	0.9	95.5	0.70	0.10	10.7	0.291	0.48
C-03	0.04	0.66	6.1	1.2	103.5	0.50	0.08	9.4	0.229	0.44
C-04	<0.02	0.98	6.3	0.8	82.0	0.90	0.08	7.7	0.414	0.60
C-05	0.04	0.90	8.9	1.1	119.0	0.75	0.10	8.3	0.371	0.60
C-06	<0.02	0.70	6.6	1.0	76.0	0.75	0.10	8.3	0.329	0.64
C-07	0.04	1.40	12.0	1.7	104.0	0.95	0.10	10.1	0.433	0.88
C-08	0.04	0.56	10.8	2.4	136.0	0.75	0.08	9.4	0.347	0.82
C-09	<0.02	0.62	14.5	0.8	117.5	1.00	0.10	11.2	0.487	0.78
C-10	<0.02	0.72	10.6	1.2	96.5	0.75	0.10	11.8	0.328	0.84
C-11	0.04	0.34	11.1	0.7	151.0	0.85	0.14	7.7	0.425	0.62
C-12	0.02	0.48	12.3	0.9	125.5	1.15	0.12	12.8	0.458	0.76
C-13	<0.02	0.66	8.5	0.8	103.0	0.75	0.08	9.1	0.366	0.40
C-14	0.02	1.78	12.0	1.0	198.5	1.30	0.12	9.1	0.488	0.58
C-15	<0.02	0.80	11.1	0.6	195.0	1.40	0.08	7.3	0.518	0.56
C-16	<0.02	0.88	8.8	0.9	109.5	0.75	0.10	8.0	0.303	0.42
D-Falcon	0.02	0.66	8.4	1.2	106.5	1.15	0.12	10.4	0.361	0.68
D-Showing	0.10	0.32	7.3	1.0	63.5	0.45	0.10	9.4	0.203	0.38

Waypoint	U ppm	V ppm	Zn ppm	Zr ppm
B-11	2.1	112	142.6	64.12
B-12	25.7	66	52.3	46.62
B-13	11.6	106	95.6	38.61
B-14				
B-15	18.7	78	82.0	37.04
C-01	1.9	104	60.5	45.03
C-02	16.8	104	70.1	55.30
C-03	1.9	86	100.6	54.39
C-04	2.1	132	32.8	61.64
C-05	2.2	111	59.5	58.73
C-06	1.9	98	64.2	44.40
C-07	2.3	204	63.1	64.70
C-08	2.2	120	64.7	56.12
C-09	2.4	136	53.4	70.00
C-10	2.3	114	149.2	50.08
C-11	2.2	106	42.0	52.42
C-12	2.4	96	106.8	54.64
C-13	2.0	94	58.5	49.76
C-14	5.2	172	100.4	64.74
C-15	2.2	120	61.7	43.32
C-16	2.3	96	63.4	41.62
D-Falcon	2.4	102	98.7	48.99
D-Showing	2.1	60	50.7	28.40

Waypoint	Easting_ NAD83	Northng_ NAD83	Depth (cm)	Colour	Organics	Sampler	Description	W ppm	Sn ppm
D-03	517409	7078655	10	Brown	20%	L.Blackburn	Cliffside outcrop edge.	1.6	1.3
D-05	517450	7079050	10	Chocolate brown	40%	L.Blackburn	On moss covered hillside next to cliff of Pyqp intruded by KT.	1.4	1.6
D-07	517399	7079482	10	Yellow-brown	30%	D. Brost	Silty, small rocks.	1.4	1.5
D-08	517450	7079631	10	Light red-brown	35%	D. Brost	Silty, amongst boulders.	1.2	1.4
D-09	517429	70797521	15	Light red-brown	20%	D. Brost	Silty with lots of small rocks, under overhanging cliff.	1.3	1.6
D-10	517429	7079895	5	Light brown	40%	D. Brost	Silty with lots of small rocks, under overhanging cliff.	1.3	1.5
D-11	517457	7080071	5	Light brown	15%	D. Brost	Silty, overlying granitic rocks.	1.5	1.3
D-12	517454	7080212	10	Grey-brown	35%	D. Brost	Between granitic blocks.	1.5	2.0
D-13	517451	7080384	20	Grey-brown	20%	D. Brost	Between granitic blocks.	1.9	2.0
D-14	517448	7080527	20	Yellow-brown	30%	D. Brost	Silty with small rocks.	1.3	1.7
D-15	517457	7080670	10	Grey	30%	D. Brost	Clay rich, under peat, over permafrost.	1.2	1.5
G-01	517900	7078425	20	Light brown	< 5%	M. Bindig	Clay-rich	2.1	2.2
G-02	517898	7078577	25	Brown	< 35%	M. Bindig	Thick moss, moderate clay	2.2	2.1
G-03	517889	7078728	20	Chocolate brown	< 20%	M. Bindig	Rock chips, moderate clay	1.8	2.3
G-04	517908	7078876	20	Light brown	< 10%	M. Bindig	Little clay, rock chips	2.4	3.1
G-05	517907	7079024	35	Grey-brown	< 35%	M. Bindig	Clay-rich, rock chips	1.3	1.5
G-06	517903	7079179	30	Light brown	< 35%	M. Bindig	Abundant rock chips, moderate clay	1.1	1.5
G-07	517897	7079316	25	Light brown	< 5%	M. Bindig	Dry, little clay, rock chips	1.1	1.5
G-08	517900	7079473	25	Grey-brown	< 35%	M. Bindig	No rocks, abundant clay	1.1	8.3
G-09	517897	7079625	30	Light brown	< 35%	M. Bindig	Thick moss, lots of clay	1.1	1.4
G-10	517904	7079757	30	Grey-brown	< 10%	M. Bindig	Permafrost, muddy	1.8	2.1
G-11	517896	7079946	30	Black	< 35%	M. Bindig	Thick moss, rock chips	1.3	1.6
G-12	517896	7080076	15	Light brown	< 5%	M. Bindig	Little clay, rock chips	6.9	2.3
G-13	517892	7080220	20	Brown	< 10%	M. Bindig	Dry, rock chips	3.6	2.5
G-14	517886	7080375	25	Black	< 35%	M. Bindig	Moss, permafrost	1.9	1.6
G-15	517892	7080525	25	Black	< 35%	M. Bindig	Wet, mossy	1.6	1.7
G-16	517900	7080675	15	Black	< 35%	M. Bindig	Moss on rocks	3.6	1.9

Waypoint	As ppm	Ag ppm	Al %	Ba ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm
D-03	12.5	0.1	4.54	723.5	0.38	0.41	0.13	47.83	15.1	64.0
D-05	11.7	0.1	5.00	800.0	0.44	0.72	0.11	55.87	11.5	60.0
D-07	7.2	0.7	4.44	891.0	0.42	0.56	0.26	49.39	6.9	58.5
D-08	2.2	0.2	3.55	792.0	0.28	0.71	0.19	54.63	4.0	50.5
D-09	3.1	0.1	4.30	769.0	0.36	0.37	0.06	41.96	2.6	49.5
D-10	4.2	0.2	3.59	786.5	0.38	0.68	0.12	50.32	4.7	45.0
D-11	7.5	0.2	3.41	667.0	0.42	0.51	0.11	47.38	5.9	48.5
D-12	12.1	0.1	4.42	781.0	0.54	0.62	0.07	53.06	6.2	54.5
D-13	10.1	0.2	4.89	914.5	0.72	0.63	0.09	51.18	6.8	59.0
D-14	5.2	0.2	3.71	751.0	0.52	0.82	0.15	52.18	7.0	46.0
D-15	9.7	0.1	3.76	699.5	0.50	0.53	0.10	50.58	6.7	46.0
G-01	8.3	0.2	4.43	772.5	0.84	0.87	0.20	50.79	11.6	48.5
G-02	11.5	0.2	4.37	937.0	0.80	0.75	0.17	74.22	12.3	57.5
G-03	21.0	0.6	5.71	1102.0	1.18	0.52	0.17	65.28	20.4	73.0
G-04	26.0	0.3	5.82	1000.0	2.00	0.48	0.17	51.06	14.1	72.0
G-05	13.0	0.2	4.25	690.5	0.66	0.45	0.11	46.67	8.4	56.5
G-06	6.2	0.2	3.28	801.5	0.46	0.41	0.08	54.01	2.4	43.0
G-07	12.2	0.3	3.88	806.5	0.54	0.47	0.09	47.23	6.4	57.0
G-08	5.0	0.2	6.56	792.0	1.64	2.09	0.14	42.58	5.9	37.5
G-09	10.1	0.1	3.83	611.5	0.56	0.45	0.09	60.42	9.5	53.0
G-10	10.7	0.4	4.77	798.5	0.82	0.58	0.31	51.47	16.1	51.5
G-11	9.4	0.1	4.17	732.5	0.50	0.42	0.11	57.04	6.4	53.0
G-12	12.9	0.7	4.56	779.5	6.52	0.62	0.38	65.84	18.7	54.5
G-13	17.1	0.4	5.49	893.0	0.94	0.66	0.24	74.45	27.6	65.0
G-14	14.6	0.1	4.38	768.5	0.68	0.59	0.08	58.37	8.6	54.5
G-15	13.0	0.1	4.39	736.5	0.56	0.75	0.10	52.53	17.6	74.5
G-16	19.5	0.4	4.60	868.5	0.60	0.43	0.17	52.40	12.3	62.0

Waypoint	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppb	K %	La ppm	Li ppm
D-03	2.78	42.3	3.20	12.2	2.5	1.82	10	0.92	24.0	27.6
D-05	2.74	23.8	3.22	13.6	2.6	1.90	10	1.20	28.0	34.3
D-07	4.22	80.0	2.15	14.2	2.0	1.30	15	1.59	26.5	23.2
D-08	3.12	66.7	1.39	12.2	1.8	1.40	10	1.27	28.5	17.3
D-09	3.08	15.5	1.33	14.1	1.8	1.58	10	1.47	21.5	16.6
D-10	3.00	140.0	1.79	11.2	2.1	1.34	10	1.06	25.5	21.3
D-11	2.62	12.2	2.30	11.5	2.3	1.44	15	1.06	24.0	22.9
D-12	4.12	8.6	2.86	13.9	2.5	1.68	10	1.24	26.5	26.8
D-13	4.80	13.4	2.80	15.5	2.6	1.60	10	1.41	26.0	32.2
D-14	3.82	16.5	2.07	11.7	2.2	1.42	10	1.14	27.5	26.8
D-15	2.80	14.0	2.63	12.2	2.3	1.42	10	0.88	25.5	24.0
G-01	5.62	39.4	2.83	13.5	2.3	1.02	10	1.49	26.0	38.0
G-02	5.28	36.1	3.05	14.8	3.0	1.56	10	1.48	37.5	35.5
G-03	8.68	39.5	4.15	18.4	3.3	1.38	10	1.72	36.0	44.9
G-04	10.80	52.8	4.18	19.3	2.9	1.70	10	1.73	25.5	51.3
G-05	4.04	27.7	3.36	13.5	2.6	1.44	10	1.02	23.5	30.0
G-06	2.60	7.2	1.23	13.5	2.1	1.62	15	1.06	27.5	15.5
G-07	3.22	16.0	2.77	13.4	2.4	1.56	15	1.07	23.5	28.7
G-08	4.00	11.4	3.35	21.5	2.7	4.76	10	1.87	22.0	20.3
G-09	3.58	25.3	2.84	11.9	2.6	1.50	10	0.83	30.0	26.2
G-10	6.62	32.2	3.09	14.4	2.4	1.42	10	1.40	25.5	41.8
G-11	3.12	19.3	3.16	14.3	2.6	1.36	10	0.85	28.5	26.8
G-12	9.20	98.1	3.86	15.6	3.0	1.08	15	1.56	32.0	46.4
G-13	8.86	60.8	4.08	18.1	3.0	1.36	10	1.74	34.5	60.2
G-14	3.22	19.1	3.27	13.0	2.6	1.70	10	1.09	30.0	38.4
G-15	3.84	34.1	3.39	14.0	2.6	1.18	10	1.02	26.5	35.1
G-16	6.02	23.2	3.78	16.2	2.9	1.38	10	1.06	26.0	44.1

Waypoint	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm
D-03	0.73	315	1.02	0.694	8.18	41.1	252	26.13	52.2	<0.001
D-05	0.82	363	1.37	1.053	10.12	28.2	293	165.90	65.6	<0.001
D-07	0.53	167	1.18	0.624	6.88	34.3	1108	17.66	89.8	<0.001
D-08	0.50	199	0.38	0.818	7.64	23.9	656	15.16	75.9	<0.001
D-09	0.37	152	0.61	0.859	8.32	8.2	420	245.50	63.6	<0.001
D-10	0.56	244	0.84	0.932	8.14	15.1	489	20.92	62.0	<0.001
D-11	0.57	280	1.00	0.921	8.04	15.5	384	22.55	55.2	<0.001
D-12	0.68	341	1.73	1.025	11.54	15.5	230	25.75	83.8	<0.001
D-13	0.71	320	2.80	1.141	10.94	17.2	317	30.80	86.8	<0.001
D-14	0.63	278	1.55	0.928	9.78	19.3	526	39.61	68.4	<0.001
D-15	0.51	275	1.33	0.881	9.38	20.8	258	22.04	53.6	<0.001
G-01	1.00	468	1.37	0.763	9.26	31.2	527	25.98	85.5	<0.001
G-02	0.84	491	1.76	0.886	12.02	30.5	723	28.56	89.7	0.001
G-03	0.83	487	2.87	1.032	11.32	49.0	388	35.66	127.5	<0.001
G-04	0.87	384	3.96	0.992	12.48	38.4	275	66.87	130.7	0.002
G-05	0.63	296	3.52	0.775	9.38	27.8	513	25.21	61.3	0.003
G-06	0.34	150	1.90	1.079	9.96	7.5	176	16.30	60.2	0.001
G-07	0.67	250	3.00	0.971	9.58	20.7	348	23.86	62.7	<0.001
G-08	0.72	377	4.56	1.996	34.08	11.7	550	30.77	75.5	0.001
G-09	0.59	280	1.17	0.749	8.36	28.3	210	25.08	55.5	<0.001
G-10	0.73	588	1.83	0.889	10.74	35.1	395	56.72	110.0	0.001
G-11	0.44	206	1.64	0.981	9.66	18.5	202	23.03	44.1	<0.001
G-12	0.83	754	2.06	0.708	11.66	38.1	643	137.00	118.2	<0.001
G-13	1.01	795	3.68	0.799	11.80	63.0	776	35.39	124.1	0.001
G-14	0.71	303	6.95	1.127	9.30	23.8	225	19.95	54.3	<0.001
G-15	0.75	444	1.56	0.784	9.84	54.4	221	25.58	61.3	<0.001
G-16	0.60	268	3.03	0.965	11.38	33.1	301	28.04	73.8	0.002

Waypoint	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm
D-03	<0.02	0.70	7.7	0.7	66.5	2.45	0.10	7.4	0.333	0.48
D-05	<0.02	1.40	9.2	0.7	112.0	2.35	0.12	8.1	0.378	0.50
D-07	0.12	0.46	8.6	1.0	83.5	1.85	0.10	10.0	0.228	0.62
D-08	0.08	0.36	7.3	1.0	93.0	1.50	0.08	7.2	0.296	0.52
D-09	0.04	0.92	7.3	0.6	87.5	1.75	0.06	6.1	0.312	0.54
D-10	0.04	0.38	7.0	0.9	102.5	1.35	0.08	7.3	0.279	0.56
D-11	0.02	0.62	6.6	0.6	92.0	1.20	0.08	7.3	0.302	0.52
D-12	<0.02	0.74	8.1	0.7	109.5	1.75	0.08	7.3	0.382	0.72
D-13	<0.02	0.76	8.7	0.8	120.5	1.60	0.10	8.7	0.376	0.76
D-14	0.04	0.56	7.3	0.8	102.0	1.25	0.10	7.9	0.317	0.56
D-15	<0.02	0.84	6.8	0.6	89.5	1.15	0.08	6.7	0.350	0.52
G-01	0.02	0.60	7.6	0.8	89.5	1.10	0.08	8.4	0.303	0.68
G-02	<0.02	0.64	8.0	1.2	105.5	1.20	0.10	10.9	0.397	0.68
G-03	<0.02	0.96	9.1	1.1	113.0	1.30	0.12	9.3	0.375	0.90
G-04	<0.02	1.18	9.5	0.9	107.0	1.45	0.16	11.1	0.374	1.12
G-05	<0.02	0.82	7.5	0.7	80.5	0.95	0.06	6.8	0.354	0.54
G-06	<0.02	0.60	5.6	0.6	108.0	0.70	0.10	6.8	0.370	0.52
G-07	<0.02	0.94	7.2	0.6	100.0	0.75	0.06	6.6	0.354	0.60
G-08	0.06	0.90	12.7	0.9	291.5	3.30	0.18	8.3	0.650	0.66
G-09	<0.02	0.78	7.1	0.7	74.0	0.80	0.08	9.6	0.332	0.42
G-10	<0.02	0.74	7.2	0.6	92.0	1.40	0.12	8.5	0.338	0.68
G-11	<0.02	1.04	6.7	0.6	99.5	0.85	0.10	7.5	0.350	0.48
G-12	0.08	0.78	8.4	1.3	89.0	1.30	0.16	10.6	0.364	0.86
G-13	0.04	0.90	8.2	1.1	87.0	1.30	0.12	11.6	0.362	0.86
G-14	<0.02	1.14	7.9	0.9	122.0	0.80	0.10	9.8	0.321	0.54
G-15	<0.02	0.72	7.8	0.8	112.0	0.90	0.08	7.3	0.375	0.60
G-16	<0.02	1.36	7.0	0.7	98.5	1.00	0.14	7.8	0.391	0.64

Waypoint	U ppm	V ppm	Zn ppm	Zr ppm
D-03	1.5	90	64.2	43.65
D-05	1.9	102	68.7	49.25
D-07	3.0	86	58.2	33.62
D-08	2.5	66	40.0	38.43
D-09	2.0	78	24.9	44.65
D-10	4.9	70	52.2	38.29
D-11	3.7	82	55.3	42.34
D-12	2.6	106	60.6	50.52
D-13	5.6	108	64.8	46.51
D-14	12.2	72	64.2	39.02
D-15	1.9	92	53.6	41.81
G-01	7.6	76	75.8	29.67
G-02	7.2	92	93.9	44.40
G-03	12.3	132	109.3	40.92
G-04	13.1	122	147.6	48.89
G-05	2.5	94	59.9	44.31
G-06	1.9	104	36.6	52.68
G-07	2.8	112	55.1	48.55
G-08	7.0	104	55.1	118.00
G-09	2.7	86	59.4	46.20
G-10	5.9	78	124.6	38.84
G-11	2.0	110	58.5	42.88
G-12	12.5	94	161.7	30.65
G-13	11.8	94	150.0	40.80
G-14	12.7	104	59.4	51.36
G-15	2.7	102	90.7	36.37
G-16	2.1	128	93.6	43.01

Appendix IV- 2009 Assay Certificates- Soil- AK10-0037

21-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- 0037

Keno Hill Exploration
C/O Ewing Transport
PO Box 61
Mayo, YT
Y0B 1M0

No. of samples received: 74
Sample Type: Soil
Project: Roop Lakes
Submitted by: Lauren Blackburn

Values in ppm unless otherwise reported

Et #.	Tag #	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppb	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Z pp
1	L-D-FALCON	0.2	4.73	15.4	930.5	0.34	0.61	0.13	65.26	10.6	63.5	3.02	41.7	3.11	13.7	2.5	1.62	10	1.23	33.5	30.1	0.87	356	1.57	0.996	9.14	36.1	664	26.04	74.5	<0.001	0.02	0.66	8.4	1.2	1.6	106.5	1.15	0.12	10.4	0.361	0.68	2.4	102	1.6	98.7	48.
2	L-D-SHOWING	0.4	3.37	5.5	665.0	0.34	0.54	0.14	50.83	6.9	47.0	2.32	62.1	2.48	9.4	1.9	0.90	10	0.84	28.0	15.8	0.58	229	0.87	0.459	5.14	24.0	854	23.44	47.8	<0.001	0.10	0.32	7.3	1.0	1.0	63.5	0.45	0.10	9.4	0.203	0.38	2.1	60	0.8	50.7	28.
3	L-D003	0.1	4.54	12.5	723.5	0.38	0.41	0.13	47.83	15.1	64.0	2.78	42.3	3.20	12.2	2.5	1.82	10	0.92	24.0	27.6	0.73	315	1.02	0.694	8.18	41.1	252	26.13	52.2	<0.001	<0.02	0.70	7.7	0.7	1.3	66.5	2.45	0.10	7.4	0.333	0.48	1.5	90	1.6	64.2	43.
4	L-D005	0.1	5.00	11.7	800.0	0.44	0.72	0.11	55.87	11.5	60.0	2.74	23.8	3.22	13.6	2.6	1.90	10	1.20	28.0	34.3	0.82	363	1.37	1.053	10.12	28.2	293	165.90	65.6	<0.001	<0.02	1.40	9.2	0.7	1.6	112.0	2.35	0.12	8.1	0.378	0.50	1.9	102	1.4	68.7	49.
5	L-D007	0.7	4.44	7.2	891.0	0.42	0.56	0.26	49.39	6.9	58.5	4.22	80.0	2.15	14.2	2.0	1.30	15	1.59	26.5	23.2	0.53	167	1.18	0.624	6.88	34.3	1108	17.66	89.8	<0.001	0.12	0.46	8.6	1.0	1.5	83.5	1.85	0.10	10.0	0.228	0.62	3.0	86	1.4	58.2	33.
6	L-D8	0.2	3.55	2.2	792.0	0.28	0.71	0.19	54.63	4.0	50.5	3.12	66.7	1.39	12.2	1.8	1.40	10	1.27	28.5	17.3	0.50	199	0.38	0.818	7.64	23.9	656	15.16	75.9	<0.001	0.08	0.36	7.3	1.0	1.4	93.0	1.50	0.08	7.2	0.296	0.52	2.5	66	1.2	40.0	38.
7	L-D9	0.1	4.30	3.1	769.0	0.36	0.37	0.06	41.96	2.6	49.5	3.08	15.5	1.33	14.1	1.8	1.58	10	1.47	21.5	16.6	0.37	152	0.61	0.859	8.32	8.2	420	245.50	63.6	<0.001	0.04	0.92	7.3	0.6	1.6	87.5	1.75	0.06	6.1	0.312	0.54	2.0	78	1.3	24.9	44.
8	L-D10	0.2	3.59	4.2	786.5	0.38	0.68	0.12	50.32	4.7	45.0	3.00	140.0	1.79	11.2	2.1	1.34	10	1.06	25.5	21.3	0.56	244	0.84	0.932	8.14	15.1	489	20.92	62.0	<0.001	0.04	0.38	7.0	0.9	1.5	102.5	1.35	0.08	7.3	0.279	0.56	4.9	70	1.3	52.2	38.
9	L-D11	0.2	3.41	7.5	667.0	0.42	0.51	0.11	47.38	5.9	48.5	2.62	12.2	2.30	11.5	2.3	1.44	15	1.06	24.0	22.9	0.57	280	1.00	0.921	8.04	15.5	384	22.55	55.2	<0.001	0.02	0.62	6.6	0.6	1.3	92.0	1.20	0.08	7.3	0.302	0.52	3.7	82	1.5	55.3	42.
10	L-D12	0.1	4.42	12.1	781.0	0.54	0.62	0.07	53.06	6.2	54.5	4.12	8.6	2.86	13.9	2.5	1.68	10	1.24	26.5	26.8	0.68	341	1.73	1.025	11.54	15.5	230	25.75	83.8	<0.001	<0.02	0.74	8.1	0.7	2.0	109.5	1.75	0.08	7.3	0.382	0.72	2.6	106	1.5	60.6	50.
11	L-D13	0.2	4.89	10.1	914.5	0.72	0.63	0.09	51.18	6.8	59.0	4.80	13.4	2.80	15.5	2.6	1.60	10	1.41	26.0	32.2	0.71	320	2.80	1.141	10.94	17.2	317	30.80	86.8	<0.001	<0.02	0.76	8.7	0.8	2.0	120.5	1.60	0.10	8.7	0.376	0.76	5.6	108	1.9	64.8	46.
12	L-D14	0.2	3.71	5.2	751.0	0.52	0.82	0.15	52.18	7.0	46.0	3.82	16.5	2.07	11.7	2.2	1.42	10	1.14	27.5	26.8	0.63	278	1.55	0.928	9.78	19.3	526	39.61	68.4	<0.001	0.04	0.56	7.3	0.8	1.7	102.0	1.25	0.10	7.9	0.317	0.56	12.2	72	1.3	64.2	39.
13	L-D15	0.1	3.76	9.7	699.5	0.50	0.53	0.10	50.58	6.7	46.0	2.80	14.0	2.63	12.2	2.3	1.42	10	0.88	25.5	24.0	0.51	275	1.33	0.881	9.38	20.8	258	22.04	53.6	<0.001	<0.02	0.84	6.8	0.6	1.5	89.5	1.15	0.08	6.7	0.350	0.52	1.9	92	1.2	53.6	41.
14	L-B01	0.2	4.86	15.5	829.0	0.76	0.88	0.15	48.47	7.4	53.0	6.66	15.3	3.27	15.9	2.7	1.90	10	1.23	25.0	30.2	0.64	433	4.63	1.079	15.66	17.6	644	30.54	114.8	<0.001	<0.02	1.28	8.9	0.7	2.8	126.0	2.00	0.12	7.3	0.410	0.66	4.9	106	1.4	60.4	50.
15	L-B02	0.2	5.38	12.2	877.0	0.66	0.56	0.16	67.30	10.1	61.0	10.06	26.9	3.44	15.3	3.1	1.56	10	1.17	35.0	37.7	0.73	299	9.28	1.026	10.74	29.3	288	33.31	92.5	0.001	<0.02	1.46	8.8	1.0	1.9	129.0	1.50	0.12	9.6	0.369	0.68	12.4	110	1.3	70.8	46.
16	L-B03	0.2	4.83	12.5	902.0	0.62	0.61	0.19	54.67	16.1	69.0	3.14	46.2	3.76	14.6	3.0	1.38	10	1.02	27.0	30.2	0.97	482	1.11	0.834	10.70	45.4	355	28.97	54.8	<0.001	<0.02	0.72	9.3	0.8	1.7	87.0	1.40	0.08	8.6	0.439	0.56	2.2	102	1.2	88.2	40.
17	L-B04	0.2	3.61	7.4	761.5	0.50	0.50	0.08	53.03	7.9	51.5	2.36	19.9	2.59	11.8	2.4	1.36	10	1.12	27.0	26.3	0.70	381	1.76	0.733	7.60	23.6	488	21.19	61.5	<0.001	<0.02	0.54	6.9	0.6	1.4	74.0	0.90	0.08	7.7	0.306	0.46	2.3	82	1.2	68.4	40.
18	L-B05	0.2	5.32	6.4	830.0	0.74	1.08	0.16	40.68	5.0	41.5	7.70	8.7	2.85	19.1	2.7	2.02	10	1.44	20.5	37.0	0.55	267	4.96	1.526	20.02	10.7	194	25.85	89.2	<0.001	<0.02	0.88	8.9	0.5	4.3	177.0	1.85	0.10	5.6	0.503	0.66	2.7	108	1.7	57.9	50.
19	L-B07	0.1	4.11	8.8	965.0	0.50	0.48	0.10	54.85	9.1	50.5	2.42	18.1	2.67	12.2	2.4	1.60	10	1.01	27.0	30.3	0.65	275	0.96	0.922	8.76	24.1	155	22.63	55.5	<0.001	<0.02	0.76	7.1	0.6	1.5	94.5	0.95	0.08	8.5	0.310	0.46	1.9	94	1.2	53.7	49.
20	L-B08	0.1	4.38	12.3	814.5	0.68	0.61	0.11	63.98	7.6	52.5	4.52	14.2	3.14	15.0	2.8	1.82	10	1.14	31.5	34.5	0.61	281	2.57	1.002	11.44	21.2	209	20.09	94.0	<0.001	<0.02	0.96	7.8	0.7	2.2	106.0	1.15	0.14	9.1	0.379	0.58	2.1	112	1.2	57.5	53.
21	L-B09	0.1	3.67	5.8	971.5	0.46	0.49	0.07	55.02	3.5	45.0	2.58	5.0	1.38	12.6	1.9	1.64	10	1.13	28.0	28.6	0.49	152	2.00	1.034	10.22	9.4	189	18.41	71.5	<0.001	<0.02	0.58	6.6	0.5	1.5	104.5	0.85	0.06	6.9	0.360	0.52	2.0	112	1.1	50.1	51.
22	L-B10	0.4	6.04	15.9	1437.0	0.92	0.22	0.33	62.06	25.4	78.0	4.72	19.1	4.46	18.5	3.1	2.06	10	1.62	29.5	52.6	0.60	868	1.77	0.760	8.40	91.1	787	36.78	98.0	<0.001	<0.02	1.00	10.1	1.0	1.9	88.0	1.25	0.16	10.3	0.302	0.80	2.0	140	1.0	225.8	65.
23	L-B11	0.3	4.94	8.6	1674.0	0.62	0.65	0.52	73.97	11.8	64.0	3.34	25.4	3.20	15.3	2.9	2.08	10	1.69	36.5	42.7	0.74	628	1.10	1.036	7.14	37.1	815	27.24	84.9	0.001	0.04	0.98	9.3	1.4	1.5	133.5	0.95	0.10	11.3	0.254	0.64	2.1	112	0.9	142.6	64.
24	L-B12	0.2	5.84	7.0	789.5	1.98	1.75	0.16	46.39	7.0	30.5	6.08	21.9	2.24	16.4	2.3	2.08	15	2.21	23.0	26.7	0.59	450	1.90	1.791	17.98	11.6	1124	38.94	117.6	0.002	0.08	0.58	7.6	1.1	2.7	249.5	3.05	0.12	10.9	0.277	0.70	25.7	66	1.4	52.3	46.
25	L-B13	0.4	5.38	11.7	912.5	0.96	0.68	0.21	61.37	12.1	66.5	7.26	39.8	3.69	18.0	3.0	1.34	10	1.61	31.5	47.5	0.98	504	2.71	1.002	12.08	30.3	808	36.84	95.5	<0.001	0.06	0.68	9.0	0.9	2.3	121.0	1.60	0.10	9.1	0.390	0.76	11.6	106	1.8	95.6	38.
26	L-B15	0.3	4.19	7.1	913.0	0.88	1.42	0.25	58.73	15.6	51.0	5.18	37.4	2.74	13.1	2.6	1.28	15	1.22	33.0	36.4	0.75	652	2.82	0.960	11.12	30.4	793	27.16	78.6	0.001	0.06	0.56	8.6	1.3	2.1	140.5	1.20	0.06	8.8	0.352	0.62	18.7	78	1.2	82.0	37.
27	L-G01	0.2	4.43	8.3	772.5	0.84	0.87	0.20	50.79	11.6	48.5	5.62	39.4	2.83	13.5	2.3	1.02	10	1.49	26.0	38.0	1.00	468	1.37	0.763	9.26	31.2	527	25.98	85.5	<0.001	0.02	0.60	7.6	0.8	2.2	89.5	1.10	0.08	8.4	0.303	0.68	7.6	76	2.1	75.8	29.
28	L-G02	0.2	4.37	11.5	937.0	0.80	0.75	0.17	74.22	12.3	57.5	5.28	36.1	3.05	14.8	3.0	1.56	10	1.48	37.5	35.5	0.84	491	1.76	0.886	12.02	30.5	723	28.56	89.7	0.001	<0.02	0.64	8.0	1.2	2.1	105.5	1.20	0.10	10.9	0.397	0.68	7.2	92	2.2	93.9	44.
29	L-G03	0.6	5.71	21.0	1102.0	1.18	0.52	0.17	65.28	20.4	73.0	8.68	39.5	4.15	18.4	3.3	1.38	10	1.72	36.0	44.9	0.83	487	2.87	1.032	11.32	49.0	388	35.66	127.5	<0.001	<0.02	0.96	9.1	1.1	2.3	113.0	1.30	0.12	9.3	0.375	0.90	12.3	132	1.8	109.3	40.
30	L-G04	0.3	5.82	26.0	1000.0	2.00	0.48	0.17	51.06	14.1	72.0	10.80	52.8	4.18	19.3	2.9	1.70	10	1.73	25.5	51.3	0.87	384	3.96	0.992	12.48	38.4	275	66.87	130.7	0.002	<0.02	1.18	9.5	0.9	3.1	107.0	1.45	0.16	11.1	0.374	1.12	13.1	122	2.4	147.6	48.
31	L-G05	0.2	4.25	13.0	690.5	0.66	0.45	0.11	46.67	8.4	56.5	4.04	27.7	3.36	13.5	2.6	1.44	10	1.02	23.5	30.0	0.63	296	3.52	0.775	9.38	27.8	513	25.21	61.3	0.003	<0.02	0.82	7.5	0.7	1.5	80.5	0.95	0.06	6.8	0.354	0.54	2.5	94	1.3	59.9	44.
32	L-G06	0.2	3.28	6.2	801.5	0.46	0.41	0.08	54.01	2.4	43.0	2.60	7.2	1.23	13.5	2.1	1.62	15	1.06	27.5	15.5	0.34	150	1.90	1.079	9.96	7.5	176	16.30	60.2	0.001	<0.02	0.60	5.6	0.6	1.5	108.0	0.70	0.10	6.8	0.370	0.52	1.9	104	1.1	36.6	52.
33	L-G07	0.3	3.88	12.2	806.5	0.54	0.47	0.09	47.23	6.4	57.0	3.22	16.0	2.77	13.4	2.4	1.56	15	1.07	23.5	28.7	0.67	250	3.00	0.971	9.58	20.7	348	23.86	62.7	<0.001	<0.02	0.94	7.2	0.6	1.5	100.0	0.75	0.06	6.6	0.354	0.60	2.8	112	1.1	55.1	48.
34	L-G08	0.2	6.56	5.0	792.0	1.64	2.09	0.14	42.58	5.9	37.5	4.00	11.4	3.35	21.5	2.7	4.76	10	1.87	22.0	20.3	0.72	377	4.56	1.996	34.08	11.7	550	30.77	75.5	0.001	0.06	0.90	12.7	0.9	8.3	291.5	3.30	0.18	8.3	0.650	0.66	7.0	104	1.1	55.1	118.
35	L-G09	0.1	3.83	10.1	611.5	0.56	0.45	0.09	60.42	9.5	53.0	3.58	25.3	2.84	11.9	2.6	1.50	10	0.83	30.0	26.2	0.59	280	1.17	0.749	8.36	28.3	210	25.08	55.5	<0.001	<0.02	0.78	7.1	0.7	1.4	74.0	0.80	0.08	9.6	0.332	0.42	2.7	86	1.1	59.4	46.
36	L-G10	0.4	4.77	10.7	798.5	0.82	0.58	0.31	51.47	16.1	51.5	6.62	32.2	3.09	14.4	2.4	1.42	10	1.40	25.5	41.8	0.73	588	1.83	0.889	10.74	35.1	395	56.72	110.0	0.001	<0.02	0.74	7.2	0.6	2.1	92.0	1.40	0.12	8.5	0.338	0.68	5.9	78	1.8	124.6	38.
37	L-G11	0.1	4.17	9.4	732.5	0.50	0.42	0.11	57.04	6.4	53.0	3.12	19.3	3.16	14.3	2.6	1.36	10	0.85	28.5	26.8	0.44	206	1.64	0.981	9.66	18.5	202	23.03	44.1	<0.001	<0.02	1.04	6.7	0.6	1.6	99.5	0.85	0.10	7.5	0.350	0.48	2.0	110	1.3	58.5	42.
38	L-G12	0.7	4.56	12.9	779.5	6.52	0.62	0.38	65.84	18.7	54.5	9.20	98.1	3.86	15.6	3.0	1.08	15	1.56	32.0	46.4	0.83	754	2.06	0.708	11.66	38.1	643	137.00	118.2	<0.001	0.08	0.78	8.4	1.3	2.3	89.0	1.30	0.16	10.6	0.364	0.86	12.5	94	6.9	161.7	30.
39	L-G13	0.4	5.49	17.1	893.0	0.94	0.66	0.24	74.45	27.6	65.0	8.86	60.8	4.08	18.1	3.0	1.36	10	1.74	34.5	60.2	1.01	795	3.68	0.799	11.80	63.0	776	35.39	124.1	0.001	0.04	0.90	8.2	1.1	2.5	87.0	1.30	0.12	11.6	0.362	0.86	11.8	94	3.6	150.0	40.
40	L-G14	0.1	4.38	14.6	768.5	0.68	0.59	0.08	58.37	8.6	54.5	3.22	19.1	3.27	13.0	2.6	1.70	10	1.09	30.0	38.4	0.71	303	6.95	1.127	9.30	23.8	225	19.95	54.3	<0.001	<0.02	1.14	7.9	0.9	1.6	122.0	0.80	0.10	9.8	0.321	0.54	12.7	104	1.9	59.4	51.

ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AK 2010- 0037** **Keno Hill Exploration**

Et #.	Tag #	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppb	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	p
41	L-G15	0.1	4.39	13.0	736.5	0.56	0.75	0.10	52.53	17.6	74.5	3.84	34.1	3.39	14.0	2.6	1.18	10	1.02	26.5	35.1	0.75	444	1.56	0.784	9.84	54.4	221	25.58	61.3	<0.001	<0.02	0.72	7.8	0.8	1.7	112.0	0.90	0.08	7.3	0.375	0.60	2.7	102	1.6	90.7	3
42	L-G16	0.4	4.60	19.5	868.5	0.60	0.43	0.17	52.40	12.3	62.0	6.02	23.2	3.78	16.2	2.9	1.38	10	1.06	26.0	44.1	0.60	268	3.03	0.965	11.38	33.1	301	28.04	73.8	0.002	<0.02	1.36	7.0	0.7	1.9	98.5	1.00	0.14	7.8	0.391	0.64	2.1	128	3.6	93.6	4
43	L-A01	0.2	7.16	28.3	953.5	1.42	4.36	0.46	112.00	37.7	61.0	11.34	85.1	3.89	19.6	4.2	1.26	15	2.02	58.5	75.6	1.12	729	1.80	1.351	13.36	83.9	700	37.74	172.1	0.003	0.10	0.82	10.6	1.3	3.9	250.0	1.50	0.14	15.4	0.377	0.74	9.5	74	8.6	123.3	3
44	L-A02	0.2	4.85	16.8	821.0	1.04	0.46	0.10	52.19	8.5	56.5	7.04	19.5	3.26	14.4	3.1	1.72	10	1.07	26.0	39.0	0.56	233	2.40	1.078	10.74	22.5	282	29.37	70.6	0.003	<0.02	1.80	7.2	0.9	1.8	111.0	1.05	0.12	10.2	0.332	0.56	23.9	120	1.2	66.2	5
45	L-A03	0.1	2.65	3.5	432.0	0.46	0.47	0.09	48.82	1.8	30.5	1.60	8.2	1.04	13.0	2.0	1.60	15	0.86	24.5	9.2	0.20	146	0.78	0.924	11.06	5.5	262	17.54	35.9	0.001	<0.02	0.52	4.2	0.5	2.7	90.5	1.15	0.06	5.8	0.340	0.32	1.9	60	1.0	26.6	4
46	L-A04	0.2	2.48	6.3	438.0	0.36	0.32	0.06	44.91	4.8	33.5	1.72	12.8	1.81	9.0	1.7	1.10	20	0.77	23.0	15.4	0.43	252	0.61	0.583	6.20	14.5	191	13.06	42.5	0.003	<0.02	0.42	4.5	0.6	1.2	53.0	0.40	0.06	6.3	0.242	0.32	1.3	58	0.8	47.0	3
47	L-A05	0.1	3.59	7.8	961.5	0.46	0.44	0.05	42.88	9.7	46.0	2.76	14.7	2.43	11.7	2.3	1.46	15	0.89	21.0	30.5	0.54	274	1.49	0.911	8.76	21.6	171	21.23	46.6	<0.001	<0.02	0.68	5.8	0.5	1.5	91.5	0.65	0.08	5.9	0.289	0.46	1.9	92	1.1	50.5	4
48	L-A06	0.2	3.73	5.4	808.5	0.46	0.61	0.14	55.99	7.8	46.5	3.36	11.0	1.91	12.1	2.1	1.42	10	1.10	28.5	22.5	0.53	468	0.76	0.791	8.52	15.1	447	17.26	65.6	0.003	0.02	0.34	6.8	0.7	1.4	90.5	0.70	0.08	7.9	0.294	0.46	4.3	72	1.0	58.2	4
49	L-A07	0.2	4.47	6.4	1042.0	0.52	0.70	0.17	52.69	5.5	53.0	4.70	12.4	2.12	14.3	2.4	1.48	10	1.34	27.5	28.1	0.67	250	0.95	0.942	10.30	16.6	438	21.01	94.0	0.002	0.02	0.44	8.4	0.8	2.0	121.5	0.90	0.08	9.0	0.322	0.74	6.7	86	1.3	67.2	4
50	L-A08	0.2	4.12	10.5	668.5	0.46	0.51	0.17	46.33	7.6	50.5	3.66	18.9	3.35	11.4	2.7	1.32	10	0.90	23.5	30.7	0.51	264	1.41	0.722	8.10	22.6	435	27.81	58.3	0.002	<0.02	0.58	6.6	0.7	1.4	86.0	0.70	0.08	8.4	0.279	0.48	5.8	76	1.0	56.7	4
51	L-A09	0.2	3.84	5.9	827.0	0.44	0.52	0.11	39.04	3.1	46.5	3.64	9.3	1.76	15.3	2.3	1.54	10	1.30	20.0	17.6	0.45	195	1.90	1.033	11.04	9.7	304	18.46	65.8	0.002	<0.02	0.48	6.9	0.4	2.3	116.5	0.95	0.08	5.5	0.366	0.72	2.2	100	1.4	40.2	4
52	L-A10	0.2	4.83	15.6	815.5	0.70	0.55	0.13	47.52	7.5	55.5	5.68	13.9	3.51	15.7	3.1	1.52	10	1.17	24.0	36.3	0.60	322	2.29	0.899	11.26	19.4	246	23.80	94.2	0.003	<0.02	0.78	7.9	0.6	2.2	104.0	0.90	0.14	7.5	0.378	0.84	2.9	114	3.8	64.4	4
53	L-A11	0.2	3.15	9.1	648.0	0.36	0.42	0.08	45.45	3.5	44.0	4.20	11.1	1.94	12.4	2.4	1.74	15	0.99	23.0	15.4	0.40	210	2.12	0.869	10.20	10.1	210	17.57	55.5	<0.001	<0.02	0.60	5.6	0.5	1.8	89.5	0.75	0.08	6.0	0.353	0.46	2.3	96	2.5	37.1	4
54	L-A12	0.1	3.28	8.9	759.0	0.30	0.53	0.08	56.69	6.9	50.0	2.20	17.6	2.36	11.2	2.2	1.66	20	0.97	28.5	24.2	0.57	301	1.61	0.873	8.68	20.2	169	18.65	52.7	0.003	<0.02	0.70	6.1	0.8	1.3	92.5	0.65	0.06	8.3	0.340	0.44	3.3	90	1.1	55.1	5
55	L-A13	0.5	4.73	10.4	921.5	0.64	1.25	0.25	61.34	17.5	53.5	6.66	27.6	2.82	13.9	2.8	1.34	10	1.19	34.0	36.1	0.67	556	2.07	0.942	10.18	26.6	558	25.79	89.1	0.001	0.06	0.50	9.4	1.2	2.3	138.5	0.85	0.08	9.8	0.327	0.74	19.4	88	1.3	84.7	4
56	L-A14	0.2	3.17	11.7	596.5	0.32	0.40	0.19	43.19	10.8	52.5	2.44	25.7	2.91	10.2	2.3	1.26	10	0.76	22.0	24.0	0.67	302	1.06	0.622	7.72	33.3	275	19.76	46.0	0.001	<0.02	0.70	6.2	0.7	1.1	65.5	0.60	0.06	6.4	0.319	0.38	1.4	82	0.9	55.8	3
57	L-A15	0.1	3.27	8.4	629.0	0.28	0.34	0.07	51.01	7.2	43.0	2.22	18.8	2.35	10.8	2.3	1.52	15	0.91	25.0	22.4	0.43	195	1.36	0.841	8.16	20.4	174	17.29	57.7	<0.001	<0.02	0.88	5.5	0.6	1.2	84.5	0.55	0.06	7.2	0.300	0.40	1.8	86	0.9	48.5	4
58	L-A16	0.1	3.63	11.3	892.5	0.36	0.33	0.14	44.67	6.8	53.5	4.06	17.1	2.79	13.0	2.6	1.70	15	0.99	22.5	29.5	0.52	208	2.59	1.033	10.38	18.1	243	18.53	60.6	<0.001	<0.02	1.24	6.0	0.6	1.8	102.0	0.75	0.14	7.2	0.334	0.52	3.6	122	1.2	60.0	5
59	L-C01	0.1	3.69	17.7	670.0	0.42	0.53	0.08	41.99	7.3	51.5	4.22	19.3	3.37	14.4	2.6	1.46	10	0.97	21.0	25.7	0.62	291	4.37	0.787	10.58	21.6	443	22.21	56.5	0.002	<0.02	0.92	7.2	0.5	1.9	90.0	0.75	0.14	6.3	0.365	0.54	1.9	104	1.1	60.5	4
60	L-C02	0.1	4.35	14.8	961.0	0.32	0.37	0.11	55.22	13.0	59.0	3.72	26.8	3.12	12.3	2.8	1.84	10	1.00	27.5	31.5	0.63	251	1.87	0.918	8.70	32.9	267	24.17	57.2	0.001	<0.02	1.42	7.2	0.9	1.3	95.5	0.70	0.10	10.7	0.291	0.48	16.8	104	1.0	70.1	5
61	L-C03	0.2	3.04	5.5	1123.0	0.26	0.55	0.38	64.75	8.1	46.0	2.14	18.7	2.14	10.9	2.2	1.74	25	1.07	32.5	26.4	0.50	516	0.72	0.880	6.28	25.1	617	19.69	50.3	0.001	0.04	0.66	6.1	1.2	1.1	103.5	0.50	0.08	9.4	0.229	0.44	1.9	86	1.2	100.6	5
62	L-C04	0.4	3.44	11.4	839.5	0.34	0.28	0.09	50.93	3.9	52.0	3.36	10.1	2.20	14.8	2.4	1.98	10	0.97	25.5	19.0	0.36	174	1.79	0.802	11.86	11.5	245	18.83	49.1	0.002	<0.02	0.98	6.3	0.8	1.8	82.0	0.90	0.08	7.7	0.414	0.60	2.1	132	1.5	32.8	6
63	L-C05	0.2	4.63	10.5	990.0	0.32	0.62	0.18	59.08	7.6	58.0	4.54	43.8	3.21	13.9	2.3	1.72	10	1.14	29.5	23.0	0.65	278	1.52	0.983	9.30	28.3	549	22.55	65.0	0.002	0.04	0.90	8.9	1.1	1.6	119.0	0.75	0.10	8.3	0.371	0.60	2.2	111	1.2	59.5	5
64	L-C06	0.3	4.02	10.6	909.0	0.40	0.33	0.25	46.67	7.4	53.5	5.04	22.6	3.21	13.3	2.5	1.40	10	1.17	23.5	35.2	0.58	271	1.54	0.682	9.10	25.6	414	24.83	73.8	0.002	<0.02	0.70	6.6	1.0	1.6	76.0	0.75	0.10	8.3	0.329	0.64	1.9	98	1.3	64.2	4
65	L-C07	0.9	6.45	16.6	1395.0	0.40	0.35	0.25	60.09	5.5	83.5	5.82	21.0	4.09	17.9	2.6	2.06	15	1.57	32.0	33.3	0.58	264	2.87	0.779	11.00	17.1	596	25.19	116.6	0.001	0.04	1.40	12.0	1.7	1.9	104.0	0.95	0.10	10.1	0.433	0.88	2.3	204	4.2	63.1	6
66	L-C08	0.5	5.84	8.3	1454.0	0.32	0.65	0.18	67.66	11.0	66.0	4.44	20.1	2.60	14.9	1.7	1.78	10	1.40	35.0	30.5	0.67	407	1.92	0.944	8.92	24.2	876	18.55	90.3	<0.001	0.04	0.56	10.8	2.4	1.5	136.0	0.75	0.08	9.4	0.347	0.82	2.2	120	1.8	64.7	5
67	L-C09	0.2	8.16	8.8	1130.0	0.42	0.37	0.09	76.60	3.1	75.0	4.32	9.4	2.62	23.5	1.9	2.14	10	2.43	39.5	27.8	0.70	208	1.62	0.975	11.28	7.9	537	21.00	128.5	0.002	<0.02	0.62	14.5	0.8	2.6	117.5	1.00	0.10	11.2	0.487	0.78	2.4	136	1.9	53.4	7
68	L-C10	0.1	6.25	25.4	1099.0	0.46	0.54	0.16	76.72	26.7	74.5	7.92	66.0	3.85	16.6	2.4	1.58	20	1.48	39.5	52.9	0.98	642	1.65	0.681	8.32	74.2	737	26.78	91.7	0.002	<0.02	0.72	10.6	1.2	1.7	96.5	0.75	0.10	11.8	0.328	0.84	2.3	114	1.6	149.2	5
69	L-C11	0.3	6.21	6.8	990.0	0.32	0.92	0.26	51.39	5.5	75.5	6.14	29.9	2.10	16.8	1.5	1.68	15	1.50	27.5	18.8	0.63	281	1.00	1.120	9.66	18.9	737	17.58	79.0	0.002	0.04	0.34	11.1	0.7	1.9	151.0	0.85	0.14	7.7	0.425	0.62	2.2	106	1.6	42.0	5
70	L-C12	0.1	7.95	21.9	903.5	0.40	0.76	0.11	75.79	16.6	76.0	6.70	24.2	3.90	20.0	2.6	1.76	10	1.93	40.0	42.0	0.95	373	1.19	0.925	12.78	36.9	450	56.33	105.7	<0.001	0.02	0.48	12.3	0.9	2.7	125.5	1.15	0.12	12.8	0.458	0.76	2.4	96	2.4	106.8	5
71	L-C13	0.1	4.91	7.0	792.5	0.26	0.76	0.09	63.00	8.7	56.0	2.12	23.8	2.72	12.7	1.8	1.60	25	1.05	32.0	22.2	0.73	365	0.88	0.882	9.32	23.6	345	18.50	56.8	<0.001	<0.02	0.66	8.5	0.8	1.5	103.0	0.75	0.08	9.1	0.366	0.40	2.0	94	1.8	58.5	4
72	L-C14	0.3	8.16	19.4	1089.0	0.80	1.12	0.20	45.54	14.9	71.5	5.50	25.0	6.47	21.6	3.3	2.12	10	1.03	24.0	67.8	0.89	406	5.66	1.199	17.18	24.7	741	30.55	61.4	0.002	0.02	1.78	12.0	1.0	2.9	198.5	1.30	0.12	9.1	0.488	0.58	5.2	172	1.3	100.4	6
73	L-C15	0.2	6.72	8.8	989.5	0.52	1.32	0.13	45.57	7.6	48.5	6.68	10.1	3.78	19.4	2.2	1.48	10	1.32	24.0	43.6	0.70	314	3.02	1.195	17.40	15.4	411	22.12	72.3	0.002	<0.02	0.80	11.1	0.6	2.4	195.0	1.40	0.08	7.3	0.518	0.56	2.2	120	1.5	61.7	4
74	L-C16	0.1	4.73	12.0	901.5	0.44	0.71	0.13	54.43	9.5	50.5	3.70	32.5	3.27	12.0	2.0	1.34	15	1.02	28.0	31.0	0.63	376	1.16	0.825	8.42	29.2	533	24.78	59.3	<0.001	<0.02	0.88	8.8	0.9	1.6	109.5	0.75	0.10	8.0	0.303	0.42	2.3	96	1.9	63.4	4

QC DATA:

Repeat:

1	L-D-FALCON	0.2	5.01	17.1	946.5	0.50	0.66	0.13	61.86	12.1	68.5	3.26	37.7	3.36	14.9	2.8	1.74	10	1.43	32.0	35.6	0.91	384	1.35	1.039	9.94	41.1	704	25.51	79.8	0.001	<0.02	0.86	9.4	1.1	1.5	114.0	1.40	0.10	9.5	0.376	0.66	2.3	112	1.5	105.5	5
10	L-D12	0.1	4.33	12.2	797.0	0.66	0.62	0.07	54.96	6.3	55.0	4.26	8.7	2.90	13.8	2.5	1.72	10	1.26	27.5	27.5	0.68	344	1.83	1.038	11.56	15.2	213	23.10	85.7	<0.001	<0.02	0.64	8.1	0.7	2.0	114.0	1.25	0.10	7.6	0.392	0.70	2.7	104	1.7	60.9	4
19	L-B07	0.1	3.98	8.8	972.0	0.56	0.45	0.08	54.08	9.1	50.5	2.48	17.6	2.66	11.8	2.5	1.50	10	1.03	26.5	27.5	0.64	277	0.92	0.893	8.58	24.1	161	19.87	53.6	0.001	<0.02	0.76	7.1	0.6	1.6	91.0	0.80	0.08	7.9	0.309	0.48	1.8	94	1.1	52.8	4
28	L-G02	0.2	4.58	11.5	952.5	0.78	0.80	0.14	73.32	12.5	57.5	5.54	36.8	3.12	14.7	2.9	1.54	10	1.49	37.0	33.7	0.85	508	1.74	0.884	11.80	30.2	681	28.64	93.5	0.002	0.02	0.64	8.5	1.1	2.2	109.0	1.15	0.08	11.1	0.404	0.68	7.3	88	2.4	100.1	4
36	L-G10	0.4	4.97	11.3	829.5	0.72	0.59	0.32	56.85	17.3	53.5	6.96	33.3	3.24	15.8	2.8	1.44	10	1.42	28.0	44.8	0.77	592	1.76	0.915	11.12	36.8	430	53.73	114.6	0.001	0.02	0.76	7.7	0.8	2.2	99.0	1.20	0.12	9.4	0.344	0.70	6.5	82	1.8	130.2	4
45	L-A03	0.1	2.69	3.4	437.5	0.40	0.49	0.09	45.78	1.9	30.5	1.60	8.2	1.03	12.7	1.7	1.42	10	0.86	22.5	8.8	0.20	150	0.80	0.925	10.96	5.5	256	17.63	36.2	0.003	<0.02	0.52	4.4	0.4	2.6	91.5	1.10	0.08	5.4	0.334	0.32	1.8	58	1.0	26.8	4
54	L-A12	0.1	2.98	8.6	739.5	0.28	0.48	0.09	57.09	6.7	47.0	2.06	17.0	2.26	11.1	2.3	1.64	15	0.95	28.5	23.1	0.56	278	1.51	0.859	9.12	20.0	170	19.05	48.4	0.002	<0.02	0.72	5.6	0.8	1.3	85.0	0.65	0.08	8.1	0.342	0.42	3.1	88	1.1	53.2	5
63	L-C05	0.2	5.05	12.0	1037.0	0.34	0.70	0.21	64.17	8.6	61.5	5.02	49.2	3.41	16.0	2.3	2.02	10	1.33	34.5	24.6	0.71	309	1.75	1.043	10.16	32.1	592	20.96	70.5	0.002	0.02	0.94	9.7	1.4	1.8	132.0	0.85	0.14	10.9	0.382	0.66	2.6	120	1.3	63.2	6
71	L-C13	0.1	4.75	7.0	787.0	0.24	0.76	0.08	61.55	8.5	56.0	2.08	23.0	2.66	12.2	1.8	1.50	25	1.03	31.5	20.7	0.71	361	0.98	0.860	8.68	23.8	343	18.87	54.6	<0.001	<0.02	0.60	8.6	0.7	1.3	97.5	0.70	0.08	8.9	0.357	0.40	1.8	92	1.0	57.9	4

Standard:

OREAS43-P		0.6	4.96	103.5	476.5	4.16	0.31	0.29	69.93	67.9	1097.0	6.06	438.1	17.62	13.5	7.5	3.00	45	1.71	32.5	22.8	0.56	640	121.10	0.144	5.08	498.4	378	148.60	102.0	0.018	0.02	12.58	11.2	1.0	3.0	36.5	0.30	0.08	11.8	0.294	0.86	3.3	72	22.4	445.2	9
OREAS43-P		0.6	5.03	110.9	491.5	4.08	0.32	0.24	73.91	71.0	1071.0	6.00	445.0	17.61	14.1	6.7	3.26	50	1.80	34.0	24.8	0.58	651	124.80	0.147	5.32	501.2	372	150.90	110.2	0.016	0.02	13.34	12.3	1.2	3.3	41.0	0.40	0.10	11.3	0.279	0.92	3.6	74	24.4	448.9	10
OREAS43-P		0.6	5.08	105.2	485.5	4.18	0.30	0.23	71.82	69.6	1101.0	6.14	435.5	17.37	13.7	6.1	3.18	40	1.66	34.5	22.8	0.57	639	125.40	0.130	5.48	496.4	386	154.60	107.4	0.018	0.03	13.64	11.5	1.0	3.0	38.5	0.40	0.10	12.5	0.284	0.86	3.4	70	23.6	439.9	9

Aqua Regia Digest/ICPMS Finish

NM/nw
df/ms_TD0037S
XLS/10

ECO TECH LABORATORY LTD.
Norman Monteith