GEOCHEMICAL, GEOPHYSICAL &

TRENCHING REPORT

ON THE

EHOLT PROPERTY

Greenwood Mining Division, British Columbia
NTS 82 E / 2E
Latitude 49° 10' Longitude 118° 33'

Owner: Teck Corporation
By: G. R. Thomson, P. Geo.

February, 1998

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1. INTRODUCTION

This report describes the 1997 combined exploration program over the contiguous **Eholt** and **Bear-Cub** claim groups, located near the small settlement of Eholt, B.C. The property is in the north-east portion of the Phoenix-Greenwood Mining Camp. The largest deposit discovered thus far was at Phoenix (approx. 6 km SW), where almost 27 million tonnes of ore grading 0.85% Cu and 1.1 grams/tonne Au were mined earlier this century. The Eholt property is underlain by a stratigraphic sequence of rocks similar to that of the Phoenix camp.

Prior to 1996, the Teck exploration program was restricted to the Bear-Cub claim group, consisting of 35 units. Exploration on the Bear-Cub claims during 1993, 1995 and partially in 1996, was concentrated on an area of known copper-gold skarn mineralization referred to as the **"Rambler** Zone".

During the late summer of 1996, a joint venture agreement was finalized between Teck (60%) and Orvana Minerals Corp. (40%), whereby Teck became the operator of exploration programs for the combined **Bear-Cub** and **Eholt** claim groups. The combined property now totals 134 units covering a land area of 3,350 hectares.

During October of 1996, Teck carried out a program of diamond drilling on a recognized area of copper-gold skarn mineralization, known as the **"Dead Honda Zone**." A previous drill program by Orvana in 1995 located promising copper-gold mineralization in two holes drilled from the same collar along a common drill azimuth of 126.°

The Teck drill program, at the Dead Honda zone, consisted of 6 drill holes totalling 1,295.7 metres. These holes were drilled in the same vicinity as Orvana's drilling with the best result in drill hole TE-96-09, which assayed 2.65 g/t gold across the interval 92.7 to 110.9 (18.2 m.) including a 7.3 metre section assaying 4.1g/t gold and 0.57 % copper.

The Orvana and Teck drill programs attempted to test the hypothesis of an apparent north to north-east structural control for the skarn mineralization at the "Dead Honda Zone", however this control has not been established, based on present drill and trenching results.

During the 1997 exploration program, the existing flagged grid was enlarged with commensurate soil sampling, magnetometer, VLF-EM surveys and approximately 3.0 km of excavator trenching carried out over seven different areas of the combined Eholt - Bear property.

The most promising exploration target for the Eholt property is that of mineralized skarns derived from limestones or limy volcaniclastic horizons, in proximity to large scale regional thrust faults. These conditions appear to be present at the **Dead Honda** and **Eholt Mountain** skarn zones. A WNW trending (~300°) Au (Cu), iron rich calc-silicate skarn has been exposed for approximately 130 m of known strike length within the Dead Honda zone and remains the most potentially viable economic target within the Eholt property.

2. LOCATION

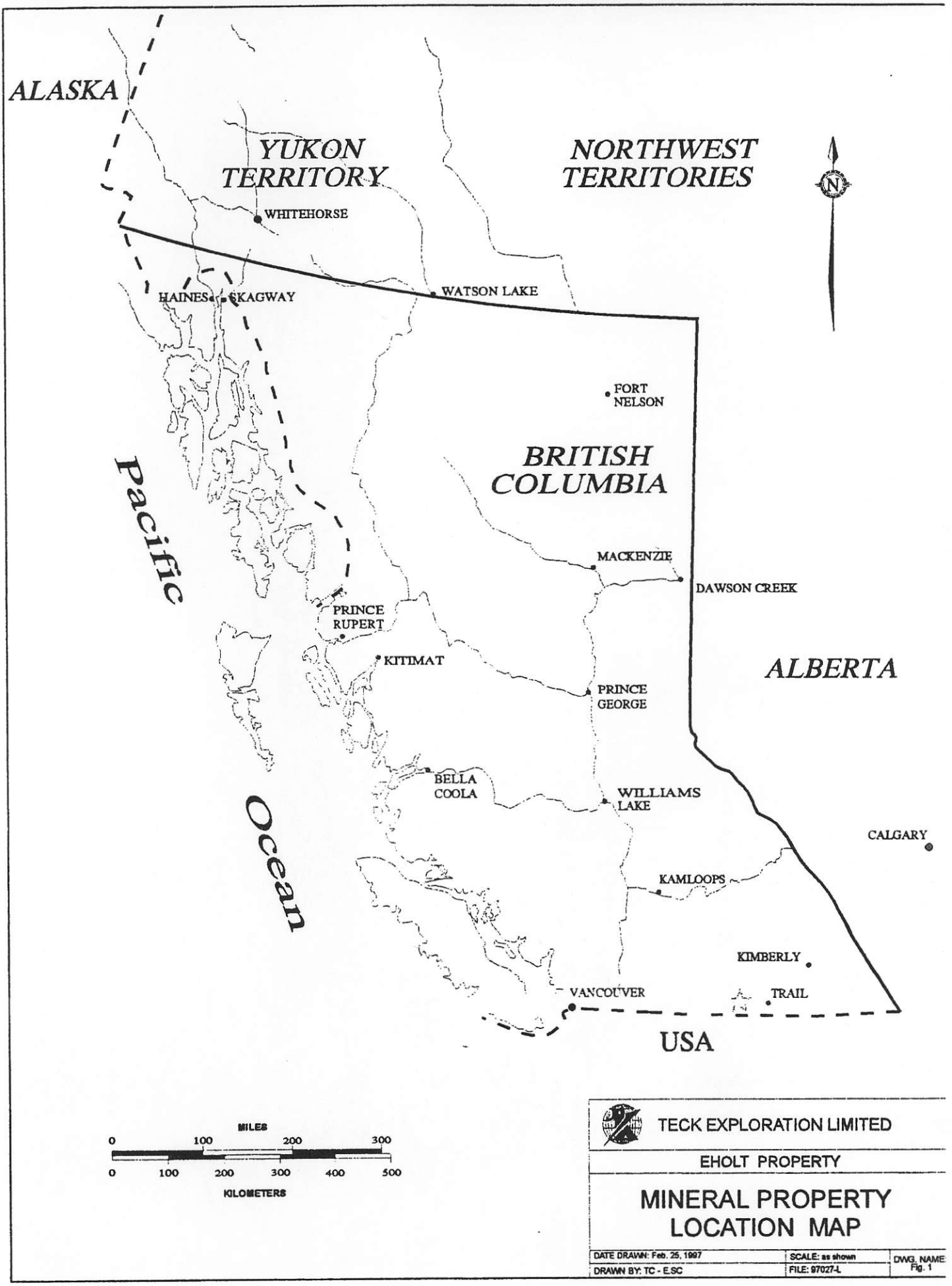
The Eholt property is located 11 km NE of Greenwood and 16 km NW of Grand Forks, B.C. at latitude 49° 10'N, longitude 118° 32'W. The property is accessed from a series of logging roads and side spur roads, which run north from the settlement of Eholt at Highway 3. Around the turn of the century, Eholt was a divisional point for the Canadian Pacific Railway, responsible for the shipping of ore to smelters at Greenwood and Grand Forks.

3. CLAIMS

The Eholt and Bear-Cub claim groups are presently combined under an option agreement with Teck holding a 60% interest and Orvana Minerals Inc. holding 40%. Underlying the option agreement, Teck holds 100% interest in the Bear-Cub claims totalling 35 units. Four 4-post mineral claims, and one 2 post mineral claim (Packrat) comprising 59 units were formerly held under a joint venture between Orvana and Mr. Herman Hoehn of Grand Forks, B.C. The remaining 40 units (Rathful 1 and 2) are 4 post mineral claims staked by Orvana Minerals Corporation.

Pertinent claim information is summarized in the table below:

Name	Record No.	No. of Units	Expiry Date
Bear	158244	16	July 8/2002
Cub 1	318096	1	June 11/2007
Cub 2	318097	1	June 11/2007
Cub 3	318098	1	June 11/2007
Cub 4	317691	1	May 20/2007
Cub 5	317692	1	May 20/2007
Cub 6	317693	1	May 20/2007
Cub 7	317694	1	May 20/2007
Cub 8	317695	1	May 20/2007
Cub 9	318105	1	June 8/2007
Cub 10	318106	1	"
Cub 11	318107	1	"
Cub 12	318108	1	"
Cub 13	318109	1	"
Cub 14	318110	1	"
Cub 15	318099	1	June 11/2007
Cub 16	318101	1	June 11/2007
Paul 1	320531	1	Aug. 23/2007
Paul 2	320532	1	"
Paul 3	320533	1	"
Pt. Eholt	214340	6	Oct. 09/2005
Eholt	215004	12	Mar. 26/2005
Eholt #1	215014	20	Apr. 29/2005
Eholt #2	215015	20	Apr. 29/2005
Packrat	214605	1	Sept. 29/2005
Rathful #1	216173	20	Apr. 10/2005
Rathful #2	216174	20	Apr. 10/2005
		134 units	



TECK EXPLORATION LIMITED

EHOLT PROPERTY

MINERAL PROPERTY LOCATION MAP

DATE DRAWN: Feb. 25, 1997	SCALE: as shown	DWG. NAME Fig. 1
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4. HISTORY

Mining and exploration in the Eholt area began around the turn of the century. Production during this period is estimated at several hundred thousand tons of ore grading approximately 1% Cu and 0.02 oz/ton Au from the Oro Denoro and Emma mines located approximately 3 km south of Eholt. Numerous old shallow shafts, short adits and prospect pits, probably dating from this same period occur throughout the Eholt -Bear, Cub claims. This work was primarily exploratory and no known production has occurred on the property.

Mr. Herman Hoehn and others of Grand Forks have reportedly carried out some small core drilling programs on the property, but these programs are apparently undocumented. Golden Kootenay Resources Inc. from May 1987 to January 1989 conducted recent documented exploration on the Eholt property. This work included grid installation, soil geochemistry and diamond drilling (3 holes). VLF-EM measurements were collected over the grid and a ground magnetometer survey was conducted over part of the grid.

Orvana established 37.5 km of additional grid and conducted soil sampling during 1991 and 1992. Orvana also conducted a ground magnetic survey, VLF-EM survey and an I.P. survey during the 1991-1992 field season. The ground magnetic survey delineated a substantial dipole anomaly east of Eholt Mountain. Three diamond drill holes were completed in this area in 1993. None of these holes appeared to intersect rocks with sufficient magnetic minerals to cause the anomaly, and only weak Cu-Au mineralization was intersected.

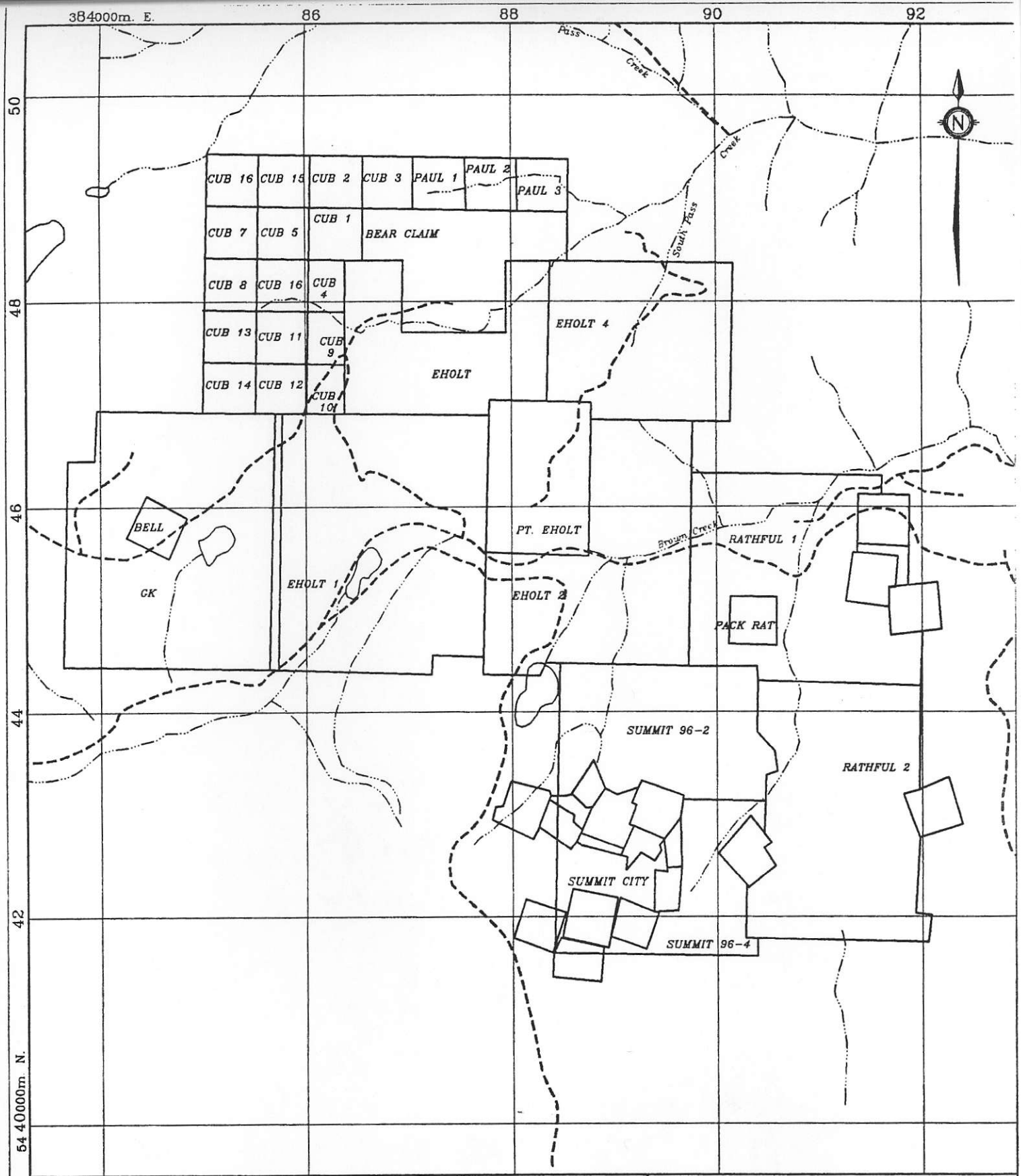
An additional NQ drill hole was completed on this anomaly in 1994 and also failed to intersect an obvious cause of the magnetic anomaly.

In 1995 Orvana carried out a diamond drill program consisting of 15 drill holes (E95-01 to E95-15) for a cumulative length of 3083 m. Eight of these holes were drilled on **the Dead Honda zone**, 5 were drilled on the **Eholt Mountain zone** (massive py, po skarn) and two holes were drilled south of the Eholt Mountain zone. The most encouraging results from the drill program were obtained in drill holes E-95-4, -6 and -7 at the "Dead Honda zone".

Several intersections from these holes contained strongly anomalous gold and copper with grades as high as 5.4 g/t Au, 0.3 % Cu across 5.4m.

Exploration work during 1993 and 1995 was carried out by Teck on the Bear, Cub claim group. This work consisted mainly of diamond drilling totalling 607.2 m in 6 holes during 1993 and 755.4 m during 1995. The only significant drill intersection from the 1993 drilling was in drill hole 93-BC-06, which intersected a semi-massive sulphide zone enclosed in weak skarn alteration, which assayed 2.2 g/t Au, 40.3 g/t Ag and 2.2 % Cu across the interval 16.5 to 19.3 (2.8) m.

Drilling by Teck in 1995 was centered on the old workings of the **Rambler** showing. Of the 6 holes drilled, 4 of the holes contained significant skarn alteration ± sulphide



TECK EXPLORATION LIMITED

EHOLT PROPERTY

CLAIM LOCATION MAP

DATE DRAWN: FEB. 24, 1997	SCALE: 1:50,000	DWG. NAME: Fig 2
Compiled BY: G.T.	JOB No:	
DRAWN BY: M.SH 97027-A	NTS No: 82E/2	
REVISED BY:		

mineralization. The most successful drill hole from the 1995 drill program was drill hole 95-B-02. This hole contained anomalous gold, copper and silver from 66.1-93.5 m, with the highest interval assaying 4.82 g/t Au, 0.96% Cu and 24.52 g/t Ag aeross the interval 72.0 to 75.0 (3.0) m.

In order to facilitate more productive exploration of the **Eholt** and **Bear-Cub** properties, a joint venture between Teck and Orvana was brought about in September of 1996, with Teck as the project operator. During 1996, Teck established 22.5 km of flagged grid over the property followed by soil sampling and 11.0 km of combined mag + VLF-EM surveys. The survey work was followed by a two stage diamond drilling program. The first stage of drilling was carried out immediately north of the Rambler showing area and consisted of 6 short holes totalling 637 m. The second stage of drilling consisted of 6 drill holes totalling 1296 m, all drilled at the Dead Honda Zone.

5. PROPERTY GEOLOGY

The Eholt-Bear, Cub property is underlain by sedimentary and volcanic rocks of the Permian Knob Hill Group and Triassic Brooklyn Formation. Each of these rock units is composed of fine to medium grained interbedded volcaniclastics, greenstone and limestone, typical of an island arc-back arc sequence. At present, there is considerable debate over the distinction between Knob Hill and Brooklyn rocks due to overlapping similarities between the two units.

A continuous swath of skarn altered Brooklyn/ Knob Hill rocks extends along a northerly trend, across 1.5 to 2.0 km of known strike length, or roughly between the Dead Honda zone and the Rambler zone. As outcrop is very limited throughout the property, much of the geological interpretation of the property has been obtained from geochemical and geophysical surveys as well as from several recent diamond drill programs. Some minor road-cut exposures as well as rock exposure in old pits, shafts and trenches have also provided geological information.

On the Eholt property, Orvana has interpreted the Knob Hill Group to be comprised of quartzite, fine grained quartz rich biotite schist, massive greenstone and minor pyroxene-epidote skarn. The Brooklyn Formation includes a basal (Sharpstone) conglomerate, fine to medium grained carbonate rich volcaniclastics, commonly altered to garnet-pyroxene skarn, fine grained silts, with a moderate tuffaceous component, marbleized limestones and massive to dominantly fragmental tuff and volcanic breccias of dacitic composition.

These rocks are intruded by a variety of intermediate felsic hypabyssal and higher level potassium-rich alkalic rocks of Cretaceous and Tertiary age. The Cretaceous rocks are mostly diorites, quartz diorites and quartz monzonites which are more prevalent, on the Bear, Cub claim group, north of South Pass Creek.

Tertiary age, Coryell intrusive rocks are prevalent throughout the property and occur mainly as pulaskite (syenite) and rhyodacitic dykes and sills, with some alkalic rocks grading

toward monzonites in composition. Some monzonite dikes, sills and small stocks may be Tertiary in age, as some lack alteration and contain clasts of pulaskite. Extrusive Tertiary rocks, dominantly latite flows and fragmentals, cover some older rocks in the central portion of the property.

During the Permian and Triassic, numerous tuffaceous pyroclastics were erupting, and dacite sub-volcanic dikes and sills were intruding this area. A back-arc basin margin facies of mixed clastics and carbonates was deposited along an active continental margin trending approximately north-south. Pyrite, pyrrhotite, magnetite and chalcopyrite mineralization hosted by skarn alteration has been the focus of Orvana's and Teck's recent exploration.

6. ALTERATION

Regional greenschist facies metamorphism is present in much of the volcanic stratigraphy, producing greenstones throughout the district. Alteration includes propylitic, potassic and calc-silicate skarn. Petrographic studies have shown a strong, early stage of potassic alteration, followed by several periods of cataclastic brecciation, and a later calc-silicate skarn event. Potassic alteration is evident by localised potassic flooding within dacitic volcanics, as well as by the presence of potassium feldspar veinlets in the pulaskites.

Calc-silicate skarn is especially well developed at the Dead Honda zone, at Eholt Mountain and at the Rambler zone. Strong calc-silicate skarn also occurs at the top of the prominent hill lying between the Dead Honda zone and the Rambler zone. The skarn alteration at this location, however, contains only minor accompanying sulphide mineralization.

In general, skarn alteration tends to be pyroxene dominant, with locally massive zones of almandine garnet. Variable amounts of tremolite/actinolite, calcite, chlorite, quartz and epidote are also present. Pyroxene retrograded to tremolite/actinolite is evident in several of the auriferous zones from both the Orvana and Teck drill programs at the Dead Honda and Rambler zones. The protolith for many of these skarns is believed to be fine-grained calcareous beds, and interbedded tuffaceous-volcaniclastic sediments.

Propylitic alteration producing chlorite and epidote is widespread, and locally abundant within the greenstones. The propylitized rocks commonly have several percent pyrite ± pyrrhotite, often containing anomalous Au and Cu. The causative heat source for skarn development, is thought to be Cretaceous age, Nelson Plutonic rocks, underlying significant portions of the Bear, Cub claims, north of South Pass Creek.

7. MINERALIZATION

Gold mineralization is associated with chalcopyrite, and less so with pyrite and pyrrhotite. The higher-grade auriferous zones commonly contain 3-5% chalcopyrite (locally 5-7%), which is often within, or closely associated with garnet-rich portions of the skarn. Petrographic studies have shown chalcopyrite also occurs in quartz-garnet--pyrite-

pyrrhotite-opaque veins and dolomite-chalcopyrite-pyrite opaque veins within the skarn, however, it is not known if gold is associated with each of these chalcopyrite occurrences. Polished section stndies have revealed textures of chalcopyrite replacing pyrrhotite and pyrite replacing pyrrhotite, indicating an early pyrrhotite event.

The auriferous skarn zones usually contain 0.2-0.3% Cu, however, some gold zones do not contain elevated copper, suggesting multiple phases of gold mineralization, and/or remobilization of gold. A marbleized calcite-trem-pxn skarn band, approximately 8 metres wide was located at the eastern side of Trench 97-DH-4. This band contained traces of pyrite and assayed 1.5 g/t with negligible copper across 4 metres. The carbonate band appears to extend at least 40 metres south-east to an old exploration shaft, where a 2 metre wall sample assayed 5.6 g/t Au and 5239 ppm copper (# 45160).

Some skarn zones are enriched in gold near the contacts with alkalic dikes and sills, indicating a possible Tertiary gold event, and/or remobilization. Late-stage, possibly epithermal, blue chalcedonic quartz is also present, filling small vugs and veins in portions of the auriferous skarn, but it is not known if this event contains gold. Late stage veining within skarn zones, in order of abundance is: **1**. calcite **2**. calcite-chalcedony **3**. chalcedony. Chlorite often accompanies calcite veining.

Magnetite is present in semi-massive concentrations associated with heavy coarse pyrite across approximately 15 to 18 meters, on the western side of Trench 97-DH-04. Anomalous gold concentrations to 4.5 g/t and copper to 4700 ppm were obtained across 2 metre intervals, from this portion of trench 97-DH-04.

Lead, zinc, arsenic, and molybdenum occur mainly as erratic, low level anomalous concentrations within the dead Honda skarn zone. Anomalous tungsten values (to 253 ppm) are also present associated with higher grade gold zones at the DHZ.

Anomalous concentrations of silver, bismuth and cobalt are associated with the strongest and most auriferous zones within the Dead Honda skarn system. The main skarn system was intersected in three different trenches with anomalous Ag, Bi, and Co associated with all three intersected zones.

8. PETROGRAPHIC STUDY

Eight samples from DH trench outcrop, designated TS-A to TS-H, were submitted to Vancouver Petrographies Ltd. for thin section study. Sample A was taken from Trench 1, beyond the main skarn alteration envelope. Samples B, C, D and G describe intrusive rocks lying along the south-west flank of the main skarn alteration zone. Samples E, F and H were collected from within the main skarn zone. Two samples of representative rock types were also submitted from the Eholt Mountain Mag anomaly trench (TS-I, J).
Descriptions of submitted rock samples are appended to the back of this report as Appendix No. 6.

9. GEOCHEMICAL SURVEYS

Over the course of the 1996 field program a flagged survey grid was established over the Eholt property to cover the area of known skarn alteration, which included the Rambler and Dead Honda mineral zones. The 1997 exploration program covered other target areas on the property, in particular, the 1993-6 drill hole zone, the Eholt Mountain zone and the Eholt Mountain magnetic dipole zone.

During 1996, grid was established at 100 m line spacings along a 1.9 km north-south baseline, with survey stations at 25 m spacings along east-west grid lines, for a total of 22.6 line kilometres. During the 1997 exploration period, an additional 15.7 km of grid was added to the existing grid to cover areas to the north-west and south-east of the 1996 survey area, thus bringing the total grid length to 38.3 kilometres.

During 1996, a conventional soil sampling survey was carried out, with 892 soil samples collected over the grid area. An additional 629 soil samples were collected in 1997 over the new grid area. Descriptive notes were made for each sample site. Soils were dried and sent to Rossbacher Laboratory Ltd. of Burnaby, B.C., where they were sifted to minus 80 mesh prior to ICP analysis.

As far as possible, soils were collected from the B horizon. Soil horizon development is somewhat variable throughout the property, with a number of the samples collected from weak or poorly developed soil horizons.

In general, soil geochemical results were of questionable value throughout low lying or stream gully portions of the property. Localized areas of anomalous copper ± gold occur around the Rambler, Dead Honda and Eholt Mountain zones. These anomalous areas are more likely a result of mineral leaching within areas having thin overburden cover in combination with ground disturbance caused by previous physical exploration activities.

The Dead Honda zone has an overall weak geochemical response except in the immediate area of old workings. A thick layer of very compact glacial till/alluvium covers much of the Dead Honda zone.

A weak to moderate copper-gold geochemical response was noted in the vicinity of the Eholt Mountain skarn zone, on an apparent north-east trend extending from Line 20+00 S, 6+00-6+25E to Line 16+00S, 10+00E-11+75E. This trend is probably exaggerated by the effect of downslope dispersion in this area of the property,

Weak to moderate copper-gold soil anomalies were also evident in the immediate area of and to the north of the drill hole 93-6 (Line 4N) area. Anomalies in this area are believed to be caused by fracture related concentrations of pyrite and lesser chalcopyrite hosted by greenstones near diorite contacts.

Geochemical plots for gold and copper are shown as Figures 4 and 5 at the back of this report.
Contoured surface geochemistry for 9 elements is shown on Figure 6 (1:25,000) at the back of the report.

10. GEOPHYSICAL SURVEYS

During the period May 22 to 24, 1996, a portion of the grid area received magnetometer and VLF-EM geophysical surveys. The survey work was contracted to Lloyd Geophysics of Vancouver, B.C. A total of 11.0 km of grid was surveyed, extending from line 0+00, southwards 1 km to line 10+00 S. In 1997 this survey work was augmented by an additional 27.5 line kilometres to cover previously unsurveyed areas of the 1996 grid as well as coverage over the newly established 1997 grid area. Readings were taken at 12.5 m intervals using an Omni Plus magnetometer/VLF-EM system..

A strongly anomalous magnetic area extends throughout much of the northern portion of the surveyed grid or the area north of line 5+00 S. This magnetically high area is thought to be caused by magnetite bearing intrusive rocks belonging to or related to the Nelson Intrusives, comprised of mainly diorite or qnartz diorite. Aside from the strong magnetic dipole on the south-east corner of the grid area, the magnetic relief across the grid is quite low with values ranging from 56700 to 57600 nT. The south-east anomaly is a near surface feature (about 10 m deep) which is approximately 100m wide and strikes N15E. Adjacent and to the east of this feature is a narrower zone (about 50 m wide) of increased magnetic response which, because of its linearity, may represent a fault zone.

The area of the Dead Honda zone is marked by a pronounced mag low at Line 15+00S and 1+50E.

The VLF-EM surveys detected a number of conductors spread over the entire grid. It appears that the majority of these conductors lie within or along the flanks of magnetic lows and trend at or around N20E. A possible VLF-EM trend can be interpreted running south-east approximately 700 m from the Dead Honda zone towards the Eholt Mountain skarn zone. The Eholt Mountain skarn zone is marked by relatively strong magnetic relief in combination with strong VLF-EM response, particularly in the area around Lines 19+00S and 20+00S between 7+50E to 9+25E.

A pronounced linear VLF-EM conductor extends throughout the north-west portion of the grid, extending approximately 1.3 km, from Line 6+00S, 3+75W to Line 6+00N, 1+ 50W. This anomaly is believed to be the expression of a major fault, a portion of which was exposed by the trenching program in the vicinity of Line 4+00N, 2+00W.

Total field magnetic contour and Fraser Filter (VLF-EM) contour maps for the combined 1996, 1997 exploration programs are presented as Figures 7 and 8 respectively, at the back of this report.

11. DIAMOND DRILL PROGRAM (1996)

Teck carried out two stages of diamond drilling over the Eholt-Bear, Cub property in 1996.

The first stage of drilling, on the Rambler zone, was carried out with 6 NQ drill holes totalling 637 m, from June 22 to July 10, 1996. Four drill holes were drilled in close proximity on Line 0+00 to test a well defined coincident copper-gold soil anomaly. A fifth drill hole was drilled from line 1+00 S, to test the same soil anomaly. A final, sixth drill hole was started on line 2+00 S, adjacent to an old shaft, but was terminated at 36.6 m, pending final approval of the option agreement between Teck and Orvana. Results from this stage of drilling were generally disappointing, however, well developed skarn alteration was obtained in three of the drill holes.

Following completion of the option agreement between Teck and Orvana, in September 1996, it was decided that a second stage of diamond drilling be carried out at the Dead Honda zone. Six holes totalling 1295.7 m were drilled over the period October 7 to 24, 1996. Skarn style mineralization was encountered in 5 of the 6 holes drilled, with the most encouraging intercept in drill hole TE-96-09. In this drill hole the interval 92.7 to 110.9 (18.2) m assayed 2.65 g/t Au and included a 7.3 m section assaying 4.1 g/t Au and 0.57% Cu.

For specific details and results of the 1996 Teck diamond drill program, the reader is referred to the 1997 assessment report titled " Geochemical, Geophysical & Diamond Drilling Report on the Eholt Property".

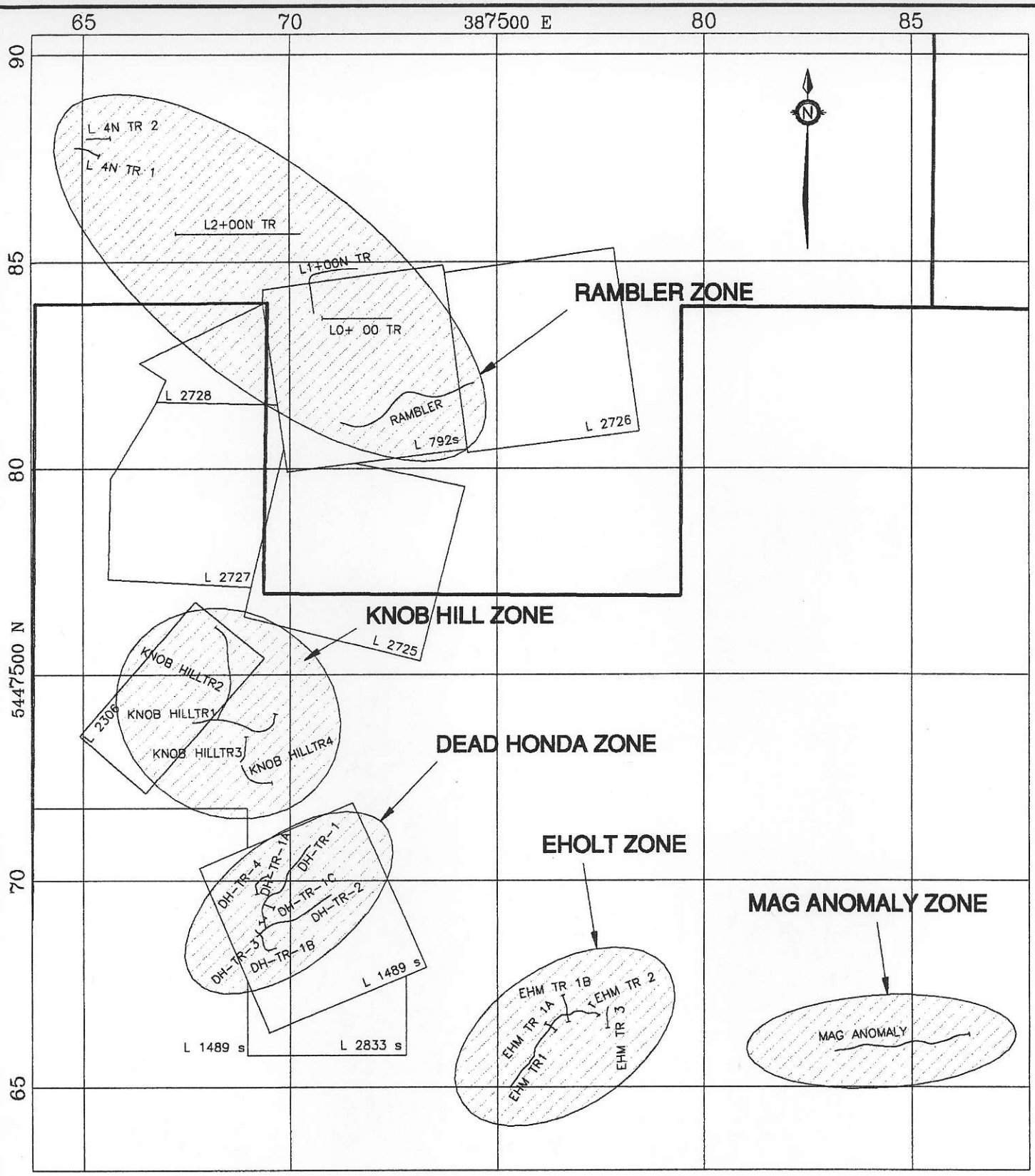
12. TRENCHING PROGRAM

Exploration on the Eholt property has been hampered in the past by excessive overburden cover . Other than sporadic road outcrops and old exploration workings, little geological interpretation has been possible over the property area.

In light of promising results from several mineralized zones throughout the property, it was decided that a program of excavator trenching be carried out on the most promising zones. Lime Creek Logging Ltd. of Grand Forks, B.C. was contracted to carry out the trenching program, using a Hitachi 200X excavator. The trenching work was carried out over the period June 2 to 24, 1997 and August 5 and 6, 1997. Excavation of trenches was mainly restricted to existing road access or in recent logging clear-cut areas. Backfilling of the trenches was carried out from August 7 to 21 and September 18 to 26, 1997.

Approximately 2/3 of the trenching program was carried out over four zones on the **Eholt** claims while the remaining 1/3 was carried out over three zones on the **Bear-Cub** portion of the property.

The following table summarizes basic trench data:



COMPANY:	Teck Exploration Ltd.
DRAWING TITLE:	EHOLT PROJECT TRENCH PLAN and CLAIMS
LOCATION:	
DATE: February 1998	SCALE: As Shown
DRAWN: TerraCAD trenchplan.dwg	GEOLOGIST:
DATA:	FIGURE: 3

Trench area	Claim	No. of trenches	Total length(approx.)
Dead Honda	Eholt, Eholt1	4	700 m
Eholt Mountain	Eholt 1	3	500
Mag Dipole Anomaly	Eholt 2/Pt. Eholt	1	300
Knob Hill	Eholt	4	635
Rambler	Bear	1	380
Lines 0, 1N, 2N	Bear	3	530
Line 4N	Cub 1	2	120

13. TRENCHING RESULTS

A. Dead Honda Zone:

The Dead Honda zone (DHZ), received the most intensive exploration during the 1997 trenching program. This zone appears to have the most persistent gold and copper bearing skarn mineralization within the property. The core of this zone appears to be 15 to 20 metres wide, following a north-west trend at approximately 300° azimuth, with a presently known strike length of 130 m. Excavation of the projected north-west strike of the main mineralized skarn zone was attempted on Line 14+00N, near station 0+50E, but due to an impenetrable till cover, no bedrock was encountered. Also, no outcrop could be reached on the skid trail immediately north-west of trench DH-97-04.

The most significant gold and copper grades at the DHZ appear to be associated with sulphide rich, calcareous (siliceous) tremolite-garnet- pyroxene skarns, often with anomalous bismuth, cobalt and silver. Copper grades in the main skarn system generally average between 1500 to 2500 ppm Cu with occasional intervals to about 5000 ppm Cu. Significant intervals through three trench intersections at the DHZ are as follows:

J	**Trench 1**	**175.0 - 181.0 (6) m**	**5.20 g/t Au**	**2868 ppm Cu**
K	**Trench 2**	**7.5 - 10.5 (3) m**	**2.15 g/t Au**	**1450 ppm Cu**
L	**Trench 4**	**6.0 - 10.0 (4) m**	**1.50 g/t Au**	**neg.**
I	**Trench 4**	**36.0 - 40.0 (4) m**	**3.00 g/t Au**	**1900 ppm Cu**

Assuming the main orientation of the DHZ is correct along a north-west azimuth, it is apparent why most of the Teck and Orvana drilling did not consistently intersect mineralized skarn zones. The Orvana drilling was directed mostly along south-east azimuths and thus would parallel the main skarn zone. The Teck drilling was directed along east and west azimuths, with the majority of the holes drilled to the north-east of the main skarn system. The encouraging results obtained by Orvana's drill holes E-96-04, 06 and Teck's TE-97-09 were likely the result of oblique down-dip intersections of the north-east dipping (~-60°) main mineralized skarn structure, as exposed during the 1997 trenching program.

Given the apparent north-west trend for the DHZ, there also exists the possibility for south-east extension towards the Eholt Mountain skarn zone, thus producing a new exploration target, at least 700 to 800 metres in length.

Topographically, the siliceous + carbonate core of the DH skarn zone is expressed as a prominent hump within the roadbeds of trench 1 and trench 2, thus showing continuity between these portions of the skarn zone. The mineralized skarn also clearly extends into trench 4, approximately 40 m to the north-west of the main mineralized zone seen in trench 1.

It should also be stated that there is variability of assay results throughout the Dead Honda zone as well as the Eholt Mountain zone. At both of these zones, the skarns are iron rich, mainly pyritiferous with lesser pyrrhotite and magnetite. As such, the skarns are highly oxidized, often resulting in less than desirable assay samples. Numerous secondary check samples were taken in an attempt to a get a more representative sample for a given sample interval. It was noted that fresher and more competent rock samples generally returned higher gold assays, but changed little for copper.

A new skarn zone was located and exposed for 11 metres in trench DH-97-02. Of the 11 metres exposed, 2 syenite dykes, totalling 4 metres cut the skarn zone. Due to the weathered and oxidized nature of this zone, sampling was carried out such that overlap may exist between samples containing skarn and those containing syenite. Due to an impenetrable till cover, no further exposure was made possible along the north-east side of this zone. It is speculated that a higher grade portion of the skarn zone, in this area, remains as yet covered.

At the DHZ, as with many other areas of the Eholt property, strong faulting/shearing is evident. The intensity of this shearing has resulted in intense breakage and weathering of outcrops. Given the fine grain and altered nature of most of rocks on the property, it is often very difficult to distinguish between sedimentary, volcanic or intrusive rocks. Interpretation has also been difficult in regard to preferential structural controls or well defined bedding orientations.

Several rock samples from the Dead Honda trenches have been submitted to Vancouver Petrographics Ltd. for thin section studies. and are represented on the Dead Honda Zone Sampling Plan (Fig. 9).

From the limited number of petrographic samples studied at the DHZ, it is apparent that some of the fine grain rocks previously described as greenstone or hornfels, are actually altered diorites and monzonites. These fine grain intrusive rocks apparently lie along the SW flank of the main mineralized skarn zone.

I wish to acknowledge the geological contributions provided by Mr. Rob Fredericks of Orvana Resources Corp. Mr. Fredericks worked previously on the Eholt

property, prior to Teck's optioning of the property. His familiarity with the property was of value while mapping at the Dead Honda and Eholt Mountain skarn zones. Mapping of these two areas is summarized on Figures 8 and 10 at the back of this report.

B. Eholt Mountain Zone:

The Eholt Mountain zone (EMZ) bears many similarities to the Dead Honda zone, located to the north-west. Trenching at the EMZ located a main zone of massive to semi-massive pyrite-pyrrhotite skarn style mineralization of approximately 10 to 20 m. width. The mineralized skarn band appears to lie along an east-west orientation, traversing the south-facing hillside of Eholt Mountain

The 1997 Teck trenching program at the EMZ obtained weak anomalous gold and copper grades. Although significant zones of heavy pyrite and pyrrhotite were intersected in Orvana drill holes, 95-01 and 95-02, no significant gold or copper values were obtained in these two drill holes.

The EMZ also contains a coarse grain marbleized (trem, pxn) skarn band, occupying approximately 30 m of width along the upper elevations of trench EHM-97-01. This marble skarn band lies adjacent to the western exposed boundary of the main sulphide skarn zone. The Eholt Mountain marble band has a very similar appearance to the marble band seen in trench DH-97-04 at the Dead Honda Zone.

Given the low gold and copper assay values at the EMZ, it is perhaps difficult to justify renewed drilling on this part of the Eholt property. However, if drill holes 95-01 and 95-02 were drilled parallel to an east-west mineralized structure, they did not adequately test the Eholt Mountain zone. The Eholt Mountain zone has only been exposed for approximately 150 metres along an apparent east-west strike. There still remains good potential for testing this zone both along strike and at depth.

Trenching work at Eholt Mountain involved excavation along the main access road to the top of Eholt Mountain. Two other short trenches were dug to the east of the main road trench in an attempt to follow out the eastern strike extent of the main sulphide skarn. Only weak, restricted areas of skarning were evident in these trenches.

Please note that two samples were taken from an old exploration pit located immediately downhill from the SW end (near drill hole 95-13) of the main Eholt Mountain trench. At this location, bedded limestone (marble?) overlies a 2 m exposure of semi-massive mixed pyrite-pyrrhotite. Sampling of the limestone (#17711) contained negligible values while the sulphide band (#17710) assayed 390 ppb Au and 950 ppm Cu. Another sample (#17709) was taken from an old exploration pit located near road access, approximately 500 m south of the Eholt

Mountain skarn zone. Oxidized skarny rocks at this location assayed 280 ppb Au, 9.6 ppm Ag and 5800 ppm Cu.

C. Knob Hill Zone:

The Knob Hill zone refers to the prominent knoll lying between the Dead Honda zone and the Rambler zone, which lies approximately 1.2 km. north of the DHZ. Please note that the reference to Knob Hill is used only in a colloquial sense, informally used by the author for reference purposes in this report.

The Knob Hill Zone (KHZ) has been of interest because of outcrops of moderate to intense skarn alteration located around the top of the hill. Although only trace amounts of pyrite have been observed at this location, a moderate to strong geochemical response is also present. A number of small exploration pits and trenches are present along the hilltop, but no encouraging assays have been returned from these workings.

Two intersecting trenches (Tr 97-01 and 97-02) were dug from the top of the hill, following the hill downslope in both east and north directions. Two other shorter trenches were dug at the top of the hill. In general, only the upper or hilltop portions of the trenches were successful in exposing bedrock, while lower slope elevations became increasingly overburden covered.

Although this area of the property contains propylitic alteration with weak to moderate garnet skarn alteration, the predominant rock type is a siliceous greenstone. These greenstones are not considered good host rocks for the formation of mineralized skarns. Only trace amounts of fine grain pyrite were noted from the trench outcrops.

It is not understood what the heat source is for the skarn alteration seen at the KHZ, but extensive areas of dioritic Intrusives are known to occur along the north side of South Pass Creek, within approximately 500 m of the Knob Hill zone. No assay samples were taken from this area.

D. Mag Dipole Zone:

A very strong magnetic dipole effect is located on the south-east corner of the present survey grid. This mag dipole was discovered by an earlier mag survey carried out by Orvana Minerals Corp. and reconfirmed by the 1997 mag survey carried out by Lloyd Geophysics Ltd. Orvana drilled several holes across this zone during the early 1990's, but as yet, no reasonable cause for the anomaly has been determined.

During the 1997 trenching program, a single long trench was excavated along a pre-existing Orvana drill access road. Outcrop through the trench consisted entirely of porphyritic latite volcanic rocks. The rocks exhibited a darker mafic appearance

throughout the western portion of the trench, with moderate to strong magnetism. The latites become gradationally less mafic throughout the eastern portions of the trench with less intense magnetism. It is therefore proposed, that the strong dipole magnetic effect as determined by previous surveys is caused by N-S trending, magnetic extrusive flow rocks and not by a deeply emplaced iron-rich skarn system, as previously suggested. No assay samples were taken from this trench.

E. Rambler Zone:

Trenching at the Rambler zone consisted of one continuous trench along the main access road, which passes through an area of two old shafts and numerous pits and trenches. This is also the area of Teck diamond drilling carried out in 1995.

Overall, the results of sampling on these four trenches were disappointing. The area of the Rambler trenches appears to be underlain by propylitic to weakly skarned greenstones. In areas of strong fracturing or shearing, the greenstones typically have strong limonitic and manganiferous coatings. These are weathering products originating from moderate to strong pyrite fracture fillings and disseminations.

The trenching program did not explain the presence of strong pyrrhotite-pyrite-chalcopyrite mineralization exposed along the walls of the main Rambler shaft located immediately downslope of the Rambler road trench. The Rambler shaft mineralization as well as mineralization intercepted in drill hole 95 B-02, possibly has a structural orientation, which does not intercept the approximate east-west trench direction.

Mineralization at the Rambler shaft area, as well as the anomalous mineralization seen in the Line 0+00 trench, occurs as sporadic, sulphide concentrations in fracture fillings, in proximity to dioritic intrusions. Previous drilling at the Rambler zone in 1995 and 1996 has shown that diorites underlie the greenstones, at relatively shallow depths, and are the likely cause of alteration, fractnring and mineralization of the greenstones in this area of the property. Late stage pulaskite, diorite and rhyodacite dykes or sills were also frequently present throughout the Rambler area trenches.

Uphill and approximately 200 to 300 m north of the Rambler trench, three other trenches designated as 0+00, 1+00 N and 2+00 N were also excavated. In 1996, four short diamond drill holes were drilled along the area of trench 0+00 and a fifth hole was drilled 100m south of the trenched area, on Line 1+00 S.

At the western end of trench 0+00, a 7.5 m interval assayed 440 ppb Au, 1568 ppm Cu and 5.42 ppm Ag. These values were obtained within strongly pyritic greenstones with trace chalcopyrite, along a diorite contact. This area of mineralization is the likely cause of a strong Cu-Au soil anomaly, as outlined by 1996 surveys. The fractured and oxidized greenstones appear to lie along a north-west trend between the central portion of the Rambler trench and the western end of the 0+00 trench.

Several samples were randomly taken through the intensely sheared or fractured zone at the eastern end of the 2+00 N trench. These samples (45171-45174) are not located on the sample plans and did not contain anomalous values of any element.

F. Line 4N (Drill Hole-93-06) Zone:

Two trenches, each approximately 60 m in length, were dug near Line 4+00N, 2+00W. The trenching was carried out in the area of drill hole 93-06. This hole was drilled to assess an area of old pits and trenches that contained anomalous gold copper and silver values in surface shears. Drill hole 93-06 contained a 2.8 m sulphide zone assaying 2.2 g/t Au, 2.2 % Cu and 40.3 g/t Ag.

The trenches contained strongly fractured propylitic to weakly skarned fine-grained greenstones, cut by rhyodacite and mafic dykes/sills. The eastern ends of both trenches contained intensely altered and sheared greenstones in probable near contact with a diorite intrusive body. Sporadic fracture linings and pockets of pyrite occur within the more highly fractured greenstones in both trenches.

The most strongly pyritic zone occurs across an approximate 3 m width and was correlatable between the two trenches designated as 4N-1 and 4N-2. This 3 m pyritic band is also coincident with the mineralized zone as intersected in drill hole 93-06. The 3 m highly pyritic zone in trench 4N-1 was tested by two samples (# 45069 and 45090) and assayed 1.35 and 9.67 g/t Au respectively. The discrepancy between these two samples is likely caused by the very strongly oxidized and inconsistent nature of the rock available for sampling. A similar interval occurred in trench 4N-2, where 2 samples across a 3m interval assayed 0.9 g/t and 1.9 g/t Au.

This area of the property does not appear to have a high potential for the formation of mineralized skarns. Mineralization appears to be spotty and mainly associated with restricted areas of fracturing and shearing. Similar mineralization occurs at the Rambler zone lying approximately 1 km to the south-east of the Line 4N trench area.

14. RECOMMENDED PROGRAM

Results of exploration to date, suggest that the Dead Honda Zone is the primary target area for future gold-copper exploration, on the Eholt property. The presence of strong skarn alteration and mineralization as determined by diamond drilling and trenching suggest that further diamond drilling is carried out on this zone.

The Dead Honda zone is a persistent, open-ended skarn system, containing gold values to 7.0 g/t with copper and silver credits. Given the apparent WNW trend of the system, it is recommended that several diamond drill holes be drilled on SW azimuths (210°) from the

north-east side of the skarn system. Suggested locations for two drill holes would be along the existing road access at drill site E 95-04, 06 and drill site TE-96-09.

If suitable encouragement is reached during an initial stage of drilling, further drilling should be carried out along the NW and SE extensions of the mineralized skarn zone.

If the WNW orientation of the DHZ skarn system is borne out by the drill program, it is also recommended that future geophysical surveys are orientated along NE-SW grid lines, rather than the present E-W oriented grid. The property has had adequate geochemical sampling and given the variability of soil development over the property as well as extensive glacial cover, further geochemical sampling is not currently recommended.

Effort should also be directed towards showing continuity between the Dead Honda zone and the Eholt Mountain skarn system. Further diamond drilling should be considered for the Eholt Mountain skarn zone. This strongly mineralized zone should be tested with several north/south directed drill holes to determine true widths and mineral grades for this area. Future diamond drilling may also be considered for the Mag dipole zone of the Eholt property. Although magnetic latite flow rocks were present in the trench for this zone, their magnetic susceptibility may be of a level, which does not adequately explain the presence of such a strong anomaly.

APPENDIX 1

COST STATEMENT

COST STATEMENT

1.	**Salaries** (for 1997 Eholt field program- May 28-July 17, Aug 5-7, 18, Sept 15-19)	
	• G. Thomson (Project Geologist): field supervision, mapping , report	**26153**
	• R. Fredericks (Geologist, Orvana Resources, Sept 15-19)	**1250**
	• C. Thorsen (trench sampler)	**3452**
	• C. Thomson (trench sampler)	**2343**
2.	**Drafting (est.)**	**2,000**
3.	**Line Cutting, Geochemical sampling** • (J. Kemp, D. Hairsine)	**5692**
4.	**Geophysical Surveys** Lloyd Geophysics (27.5 km mag, VLF-EM)	**7063**
5.	**Excavator Costs (includes trench backfilling)** • Lime Creek Logging	**40320**
6.	**Assaying Costs** • Rossbacher Labs (629 soils and 324 trench samples) • Au geochem, 30 element ICP, 31 Au assays	**13001**
7.	**Living Costs** • Hotels, restaurants, groceries (Greenwood, Grand Forks)	**5483**
8.	**Vehicle Costs**	**6748**
9.	**Supplies and Rentals** • sample bags, field equipment	**1014**
10.	**Telephone/fax**	**394**
11.	**Shipping Costs**	**1104**
12.	**Petrographic Studies**	**1000**
13.	**Reclamation (seeding)**	**2109**
	TOTAL	**119126**

APPENDIX 2

REFERENCES

REFERENCES

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APPENDIX 3

CERTIFICATE OF QUALIFICATIONS

Statement of Qualifications

I Greg Thomson, of Suite 600, 200 Burrard Street, Vancouver, B.C., V6C 3L9, hereby certify that:

I attended and graduated from the University of British Columbia with a Bachelor of Science Degree in Geology (1970).

I am a registered Professional Geoscientist in the Province of British Columbia.

I have in excess of fifteen years of experience as a mineral exploration geologist, working mainly in British Columbia.

I have been employed as a Project Geologist with Teck Exploration Ltd. since 1989.

Greg Thomson P.Geo.

APPENDIX 4

GEOCHEMICAL METHODS

Jan. 1990.

GEOCHEMICAL ANALYTICAL METHODS CURRENTLY IN USE AT ROSSBACHER LABORATORY LTD.

A. SAMPLE PREPARATION

1. Geochem. Soil and Silt:
   Samples are dried and sifted to minus 80 Mesh, through stainless steel or nylon screens.

2. Geochem. Rock:
   Samples are dried, crushed to minus 1/4 inch, split, and pulverized to minus 100 mesh.

B. METHODS OF ANALYSIS

1. Multi element: (Mo, Cu, Ni, Co, Mn, Fe, Ag, Zn, Pb, Cd, As):
   0.50 Gram sample is digested for four hours with a 15:85 mixture of Nitric-Perchloric acid. The resulting extract is analyzed by Atomic Absorbtion spectroscopy, using Background Correction where appropriate.

2. Antimony:
   0.50 Gram sample is fused with Ammonium Iodide and dissolved. The resulting solution is extracted into TOPO/MIBK and analyzed by Atomic Absorbtion spectroscopy.

3. Arsenic: (Generation Method)
   0.25 Gram sample is digested with Nitric-Perchloric acid. Arsenic from the solution is converted to arsine, which in turn reacts with silver D.D.C. The resulting solution is analyzed by colorimetry.

4. Barium:
   0.20 Gram sample is repeatedly digested with $HClO_4$-HNO_3 and HF. The solution is analyzed by atomic absorbtion spectroscopy.

5. Biogeochemical:
   Samples are dried and ashed at 550°C. The resulting ash analyzed as in #1. Multielement Analysis.

6. Bismuth:
   0.50 Gram sample is digested with Nitric acid. The
   The solution is analysed by Atomic absorbtion spectroscopy.

METHODS OF ANALYSIS (CONT'D)

7. **Chromium:**

0.25 Gram sample is fused with Sodium Peroxide. The solution is analyzed by atomic absorbtion spectroscopy.

8. **Fluorine:**

0.50 Gram sample is fused with Carbonate Flux, and dissolved. The solution is analysed for Fluorine by use of an Ion Selective Electrode.

9. **Gold AR/AAS:**

10.0 Gram sample is roasted at 550°C and dissolved in Aqua Regia. The resulting solution is subjected to a MIBK extraction, and the extract is analzed for Gold using Atomic Absorbtion spectroscopy.

9A **Gold FA:**

10.0 Gram sample is fused with appropriate fluxes, and the resulting lead button is cupelled to produce a gold/silver bead. The bead is dissolved in Aqua Regia and analyzed for gold by AAS.

10. **Mercury:**

1.00 Gram sample is digested with Nitric and Sulfuric acids. The solution if analyzed by Atomic Absorbtion spectroscopy, using a cold vapor generation technique.

11. **Partial Extraction and Fe/Mn oxides:**

0.50 Gram sample is extracted using one of the following: hot or cold 0.5 N. HCl, 2.5% E.D.T.A., Ammonium citrate, or other selected organic acids. The solution is analyzed by use of Atomic Absorbtion spectroscopy.

12. **pH:**

An aqueous suspension of soil, or silt is prepared, and its pH is measured by use of a pH meter.

13. **Rapid Silicate Analysis:**

0.10 Gram sample is fused with Lithium Metaborate, and dissolved in HNO_3. The solution is analyzed by Atomic Absorbtion for SiO_2, Al_2O_3, Fe_2O_3, MgO, CaO, Na_2O, K_2O, TiO_2, TiO_2, P_2O_5, and MnO.

14. **Tin:**

0.50 Gram sample is ~~sublimated~~ by fusion with Ammonium Iodide, and dissolved. The resulting solution is extracted into TOPO/MIBK and analysed by atomic aosorbtion spectroscopy.

15. Tungsten:

1.00 Gram sample is sintered with a carbonate flux, and dissolved. The resulting extract is analyzed colorimetrically, after reduction with Stannous Chloride, by use of Potassium Thiocyanate.

16. ICP :

0.5 Gram sample is digested with Aqua Regia, and analyzed using a JOBIN YVON MODEL JY 32 1987 ICP Emission Spectrophotometer for Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Hg, La, Mg, Mo, Mn, Ni, P, Pb, Sb, Si, Sr, Ti, U, V, W, Zn.

APPENDIX 5

GEOCHEMICAL ANALYSES

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1738
Type of Analysis: ICP

Certificate: 97080
Invoice: 50823
Date Entered: 97-07-15
File Name: TEK97080.I
Page No.: 1

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	L1100S 425E	5	0.2	1.61	1	72	1	1	0.29	0.1	2	25	32	2.59	0.08	24	0.31	309	1	0.03	12	319	24	1	1	0.03	29	0.13	49	1	95
S	L1100S 450E	15	0.1	1.58	1	92	1	1	0.30	0.1	5	28	34	2.60	0.09	17	0.32	286	2	0.04	13	271	7	4	1	0.03	26	0.13	50	1	98
S	L1100S 475E	5	0.1	2.22	1	115	1	1	0.26	0.1	1	20	32	2.30	0.06	16	0.27	323	1	0.05	10	346	10	1	1	0.03	25	0.14	41	1	100
S	L1100S 500E	10	0.1	1.62	1	123	1	1	0.29	0.1	1	19	26	2.10	0.10	10	0.26	544	1	0.04	9	787	11	1	1	0.03	30	0.12	38	1	94
S	L1100S 525E	5	0.6	1.96	1	185	1	1	0.24	0.1	5	20	32	2.20	0.07	12	0.28	347	1	0.04	9	394	8	1	1	0.03	26	0.13	39	1	96
S	L1100S 550E	5	0.5	2.28	1	128	1	1	0.21	0.1	1	21	28	2.44	0.07	12	0.29	222	1	0.04	13	143	14	1	1	0.03	25	0.14	43	1	95
S	L1100S 575E	5	0.1	1.35	1	107	1	1	0.20	0.1	1	14	29	1.80	0.01	36	0.17	443	1	0.04	6	586	4	1	1	0.03	23	0.09	35	1	69
S	L1100S 600E	5	0.3	2.89	5	146	1	1	0.26	0.1	2	16	29	2.14	0.03	14	0.20	348	1	0.04	8	396	1	1	1	0.03	33	0.14	33	1	102
S	L1100S 625E	5	0.4	1.71	1	109	1	1	0.27	0.1	8	18	34	2.02	0.04	17	0.22	523	1	0.04	11	745	8	1	1	0.03	27	0.11	34	1	112
S	L1100S 650E	5	0.1	1.49	3	300	1	1	0.23	0.1	3	30	48	2.34	0.04	14	0.34	346	1	0.04	15	392	9	3	1	0.03	29	0.11	43	1	115
S	L1100S 675E	5	0.4	2.60	17	142	1	1	0.28	0.1	1	26	42	2.28	0.04	16	0.32	380	1	0.05	23	459	7	1	1	0.03	26	0.15	41	1	115
S	L1100S 700E	5	0.1	2.25	19	224	1	1	0.24	0.1	8	28	39	2.28	0.06	10	0.34	354	1	0.05	25	408	9	4	1	0.03	24	0.14	43	1	121
S	L1100S 725E	5	0.1	2.44	21	181	1	1	0.20	0.1	3	29	50	2.45	0.04	15	0.34	330	1	0.04	29	359	9	1	1	0.03	23	0.15	49	1	124
S	L1100S 750E	5	0.4	1.95	20	268	1	1	0.24	0.1	5	21	40	1.90	0.05	9	0.28	731	1	0.05	21	1161	6	3	1	0.03	29	0.13	35	1	144
S	L1100S 775E	5	0.4	2.32	15	199	1	1	0.25	0.1	3	21	42	1.96	0.06	13	0.28	450	1	0.05	21	599	5	1	1	0.03	32	0.13	36	1	107
S	L1100S 800E	5	0.1	1.11	17	113	1	1	0.36	0.1	5	42	29	2.70	0.12	33	0.48	297	1	0.05	16	294	7	1	1	0.03	27	0.15	61	1	50
S	L1100S 825E	5	0.1	1.83	8	190	1	1	0.24	0.1	5	15	24	1.73	0.03	8	0.18	453	2	0.05	14	605	1	2	1	0.03	28	0.11	28	1	90
S	L1100S 850E	5	0.4	2.15	19	146	1	1	0.26	0.1	1	23	38	2.17	0.04	24	0.27	226	1	0.05	20	152	6	1	1	0.03	29	0.14	42	1	64
S	L1100S 875E	5	0.2	2.36	11	165	1	1	0.30	0.1	5	18	32	2.05	0.03	21	0.21	420	1	0.05	14	540	3	1	1	0.03	28	0.13	34	1	81
S	L1100S 900E	5	0.1	1.53	21	275	1	1	0.27	0.1	3	28	34	2.43	0.04	15	0.31	343	1	0.04	17	385	8	1	1	0.03	27	0.11	46	1	98
S	L1100S 925E	5	0.5	1.77	17	174	1	1	0.22	0.1	5	28	35	2.22	0.02	22	0.30	187	1	0.04	18	73	9	1	1	0.03	23	0.13	43	1	70
S	L1100S 950E	5	0.3	1.99	4	72	1	1	0.27	0.1	8	31	34	2.51	0.01	36	0.28	184	1	0.04	15	68	10	1	1	0.03	24	0.14	51	1	61
S	L1100S 975E	65	0.4	1.99	8	167	1	1	0.30	0.1	1	27	32	2.27	0.03	22	0.32	260	1	0.04	18	219	4	4	1	0.03	35	0.13	44	1	85
S	L1100S 1000E	5	0.5	1.84	14	141	1	1	0.21	0.1	1	25	29	2.28	0.01	30	0.26	188	1	0.04	15	76	2	1	1	0.03	53	0.13	43	1	76
S	L1100S 1025E	5	0.4	1.67	5	86	1	1	0.22	0.1	1	28	28	2.28	0.04	37	0.31	187	2	0.03	14	74	8	3	1	0.03	28	0.13	44	1	79
S	L1100S 1050E	5	0.3	1.86	16	105	1	1	0.25	0.1	14	34	32	2.35	0.03	20	0.35	215	1	0.04	14	130	13	3	1	0.03	35	0.15	47	1	77
S	L1100S 1075E	5	0.3	1.18	11	108	1	1	0.25	0.1	3	33	26	2.26	0.03	17	0.30	226	1	0.03	12	151	6	2	1	0.03	39	0.13	46	1	89
S	L1100S 1100E	5	0.1	1.90	10	110	1	1	0.39	0.1	3	31	36	2.51	0.01	62	0.36	244	1	0.05	14	187	1	1	1	0.03	103	0.15	47	1	65
S	L1200S 425E	10	0.2	1.80	13	149	1	1	0.26	0.1	10	24	36	2.51	0.06	18	0.34	277	1	0.03	14	254	7	1	1	0.03	28	0.12	48	1	113
S	L1200S 450E	5	0.3	1.72	3	117	1	1	0.22	0.1	6	14	33	1.85	0.03	13	0.22	330	1	0.04	9	360	1	3	1	0.03	26	0.11	33	1	103
S	L1200S 475E	5	0.2	2.11	1	171	1	1	0.25	0.1	1	27	32	2.43	0.05	15	0.30	261	1	0.04	15	222	1	1	1	0.03	24	0.13	45	1	95
S	L1200S 500E	5	0.3	1.66	1	218	1	1	0.35	0.1	4	25	31	2.42	0.06	18	0.30	433	1	0.04	16	565	1	1	1	0.03	36	0.12	43	1	120
S	L1200S 525E	15	0.4	1.68	3	89	1	1	0.75	0.7	1	33	84	2.26	0.05	32	0.29	814	1	0.05	19	1326	39	1	1	0.03	58	0.11	36	1	86
S	L1200S 550E	25	0.5	1.73	6	147	1	1	0.18	0.1	10	17	32	1.89	0.01	9	0.18	552	1	0.04	12	802	1	2	1	0.03	20	0.10	31	1	149
S	L1200S 575E	5	0.6	1.54	15	179	1	1	0.25	0.1	9	27	34	1.97	0.01	8	0.27	285	1	0.03	16	271	1	1	1	0.03	24	0.11	39	1	100
S	L1200S 600E	5	0.5	1.63	7	145	1	1	0.40	0.1	5	21	34	1.85	0.03	10	0.25	508	1	0.04	15	716	2	1	1	0.03	32	0.11	34	1	101
S	L1200S 625E	5	0.4	2.34	19	242	1	1	0.28	0.1	6	24	44	2.13	0.05	13	0.30	420	1	0.04	19	540	1	1	1	0.03	30	0.14	39	1	92
S	L1200S 650E	5	0.4	2.40	1	78	1	1	0.27	0.1	5	26	43	2.32	0.03	41	0.34	274	1	0.05	18	247	1	1	1	0.03	23	0.15	46	1	86
S	L1200S 675E	5	0.5	2.43	2	123	1	1	0.22	0.1	5	25	37	2.39	0.04	20	0.28	339	1	0.04	22	379	4	2	1	0.03	24	0.14	49	1	107
S	L1200S 700E	5	0.1	1.92	12	111	1	1	0.21	0.1	7	17	27	1.92	0.04	19	0.20	259	1	0.04	13	217	9	1	1	0.03	22	0.11	32	1	79

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ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1738
Type of Analysis: ICP

Certificate: 97080
Invoice: 50823
Date Entered: 97-07-15
File Name: TEK97080.I
Page No.: 2

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	L1200S 725E	5	0.1	1.72	11	140	1	1	0.25	0.1	6	14	21	1.70	0.02	8	0.17	341	1	0.04	10	381	1	5	1	0.03	26	0.10	27	1	88
S	L1200S 750E	5	0.1	1.50	10	122	1	1	0.24	0.1	3	23	26	2.02	0.07	13	0.27	296	1	0.04	16	293	5	4	1	0.03	29	0.10	38	1	84
S	L1200S 775E	5	0.1	1.81	28	143	1	1	0.24	0.7	2	22	28	2.04	0.05	10	0.26	220	1	0.04	14	141	2	2	1	0.03	31	0.11	37	1	74
S	L1200S 800E	5	0.1	1.96	8	107	1	1	0.29	0.1	3	18	26	1.87	0.03	18	0.21	266	1	0.04	13	231	1	3	1	0.03	28	0.11	33	1	72
S	L1200S 825E	5	0.1	2.04	10	150	1	1	0.30	0.1	4	12	26	1.76	0.06	44	0.20	293	1	0.04	10	286	5	3	1	0.03	33	0.11	27	1	74
S	L1200S 850E	5	0.1	1.73	18	95	1	1	0.26	0.1	3	19	23	2.04	0.05	18	0.24	227	1	0.04	14	155	1	1	1	0.03	31	0.10	35	1	68
S	L1200S 875E	15	0.3	1.53	16	63	1	1	0.29	0.6	6	23	25	2.22	0.06	10	0.29	182	1	0.03	15	63	5	2	1	0.03	30	0.10	42	1	68
S	L1200S 900E	5	0.1	1.93	1	142	1	1	0.22	0.1	3	21	23	2.09	0.04	14	0.26	198	1	0.04	14	96	9	1	1	0.03	30	0.12	36	1	67
S	L1200S 925E	5	0.1	1.85	5	92	1	1	0.23	0.1	1	16	22	1.79	0.02	14	0.22	295	1	0.04	11	290	7	1	1	0.03	28	0.12	32	1	68
S	L1200S 950E	5	0.2	1.53	4	108	1	1	0.19	0.1	3	19	22	1.95	0.01	15	0.20	202	1	0.03	11	104	7	1	1	0.03	23	0.10	36	1	64
S	L1200S 975E	5	0.2	1.34	4	91	1	1	0.15	0.1	3	20	10	1.86	0.01	12	0.21	159	1	0.03	11	17	3	1	1	0.03	19	0.09	36	1	55
S	L1200S 1000E	5	0.1	1.47	4	83	1	1	0.16	0.1	10	18	19	1.90	0.02	11	0.20	187	2	0.03	10	74	5	1	1	0.03	26	0.09	34	1	63
S	L1200S 1025E	5	0.1	1.39	5	109	1	1	0.22	0.1	6	22	18	1.63	0.02	12	0.23	295	1	0.03	18	290	7	1	1	0.03	35	0.09	29	1	71
S	L1200S 1050E	5	0.1	1.40	12	115	1	1	0.19	0.1	5	23	29	1.85	0.02	13	0.28	176	2	0.04	13	52	5	1	1	0.03	31	0.11	36	1	71
S	L1200S 1075E	5	0.2	1.48	1	114	1	1	0.19	0.1	5	17	20	1.88	0.05	16	0.25	204	2	0.03	8	107	7	1	1	0.03	32	0.11	33	1	64
S	L1200S 1100E	5	0.1	1.26	10	73	1	1	0.20	0.1	5	15	20	1.72	0.01	15	0.20	243	2	0.03	8	185	9	1	1	0.03	30	0.09	33	1	59
S	L1300S 425E	5	0.1	1.38	1	64	1	1	0.41	0.1	3	16	27	1.69	0.03	12	0.20	348	2	0.04	9	395	3	1	1	0.03	34	0.09	30	1	74
S	L1300S 450E	15	0.1	1.60	14	84	1	1	0.16	0.5	13	23	28	1.91	0.01	9	0.26	282	1	0.04	15	264	1	1	1	0.03	17	0.11	36	1	112
S	L1300S 475E	5	0.1	2.07	7	202	1	1	0.18	0.1	4	17	27	1.74	0.02	8	0.19	1141	1	0.04	12	1980	3	1	1	0.03	26	0.11	30	1	135
S	L1300S 500E	5	0.1	1.21	9	207	1	1	0.23	0.1	12	27	26	2.11	0.01	8	0.27	936	1	0.03	14	1571	7	1	1	0.03	19	0.10	39	1	136
S	L1300S 525E	5	0.4	2.31	24	231	1	1	0.35	0.1	8	29	44	2.33	0.04	9	0.39	403	1	0.04	25	506	1	1	1	0.03	35	0.14	41	1	116
S	L1300S 550E	5	0.3	1.58	8	191	1	1	0.24	0.1	15	27	80	2.30	0.04	8	0.36	292	1	0.04	21	283	6	1	1	0.03	28	0.11	40	1	97
S	L1300S 575E	5	0.3	1.82	12	141	1	1	0.24	0.1	13	25	58	2.10	0.02	10	0.29	451	1	0.04	14	602	7	1	1	0.03	26	0.12	36	1	100
S	L1300S 600E	5	0.3	1.89	12	144	1	1	0.28	0.1	6	18	24	1.82	0.02	9	0.21	375	1	0.03	9	449	5	1	1	0.03	26	0.11	31	1	06
S	L1300S 625E	5	0.5	1.93	6	134	1	1	0.28	0.1	11	22	32	2.00	0.05	17	0.27	482	1	0.04	15	663	5	3	1	0.03	26	0.12	36	1	86
S	L1300S 650E	5	0.3	1.61	6	181	1	1	0.21	0.1	7	24	22	1.95	0.03	9	0.30	401	1	0.04	14	502	6	1	1	0.03	27	0.12	34	1	109
S	L1300S 675E	5	0.5	1.80	3	198	1	1	0.22	0.1	7	19	22	1.88	0.03	8	0.23	477	1	0.04	11	654	1	1	1	0.03	25	0.11	32	1	75
S	L1300S 700E	5	0.4	1.68	6	127	1	1	0.21	0.1	7	25	36	2.11	0.04	14	0.29	278	1	0.03	12	256	7	1	1	0.03	25	0.12	36	1	88
S	L1300S 725E	5	0.1	1.34	1	139	1	1	0.18	0.1	8	19	19	1.74	0.02	15	0.18	386	2	0.03	10	472	17	3	1	0.03	21	0.09	30	1	80
S	L1300S 750E	5	0.1	1.64	10	62	1	1	0.23	0.1	4	17	27	1.62	0.01	11	0.17	319	2	0.04	10	337	11	1	1	0.03	21	0.10	32	1	62
S	L1300S 775E	5	0.2	1.82	5	153	1	1	0.23	0.1	3	19	24	1.83	0.02	11	0.21	353	1	0.03	11	406	9	1	1	0.03	28	0.10	33	1	83
S	L1300S 800E	5	0.1	1.18	7	93	1	1	0.24	0.1	5	21	20	1.88	0.03	11	0.21	265	1	0.02	10	229	10	1	1	0.03	24	0.08	36	1	70
S	L1300S 825E	5	0.5	1.66	9	76	1	1	0.25	0.1	2	22	22	2.05	0.04	11	0.24	222	1	0.03	11	144	8	3	1	0.03	24	0.11	40	1	69
S	L1300S 850E	5	0.4	1.26	6	77	1	1	0.17	0.1	7	21	20	2.13	0.03	14	0.18	283	2	0.03	9	267	12	5	1	0.03	20	0.08	43	1	70
S	L1300S 875E	5	0.4	2.00	1	95	1	1	0.24	0.1	1	16	21	1.81	0.03	14	0.20	314	2	0.04	10	329	10	3	1	0.03	24	0.12	31	1	68
S	L1300S 900E	5	0.4	2.13	1	105	1	2	0.30	0.1	6	18	28	1.85	0.02	19	0.23	280	1	0.04	12	259	10	1	1	0.03	32	0.12	33	1	66
S	L1300S 925E	5	0.1	1.55	1	77	1	2	0.23	0.1	4	19	22	1.90	0.05	10	0.26	249	1	0.03	13	199	10	4	1	0.03	31	0.10	37	1	78
S	L1300S 950E	5	0.2	1.24	6	74	1	1	0.21	0.1	1	16	19	1.72	0.04	14	0.17	223	1	0.03	9	146	13	3	1	0.03	26	0.09	33	1	59
S	L1300S 975E	30	0.1	1.36	10	83	1	1	0.20	0.1	4	20	20	1.95	0.04	16	0.21	159	2	0.03	10	17	13	3	1	0.03	30	0.09	35	1	62
S	L1300S 1000E	5	0.2	1.34	8	96	1	1	0.22	0.1	2	19	19	1.86	0.03	14	0.21	182	2	0.03	9	64	8	2	1	0.03	33	0.09	33	1	65

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CERTIFICATE OF ANALYSIS

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To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1738
Type of Analysis: ICP

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Page No.: 3

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	L1300S 1025E	5	0.3	1.80	7	104	1	1	0.14	0.1	1	14	22	1.58	0.03	11	0.20	257	2	0.03	9	214	6	7	1	0.03	21	0.09	29	1	67
S	L1300S 1050E	5	0.3	1.87	8	103	1	1	0.22	0.1	1	17	22	1.72	0.04	10	0.29	365	2	0.03	10	429	16	3	1	0.03	32	0.09	36	1	82
S	L1300S 1075E	5	0.1	1.72	8	107	1	1	0.20	0.1	8	14	22	1.56	0.03	14	0.19	468	1	0.04	8	635	8	1	1	0.03	30	0.10	29	1	78
S	L1300S 1100E	5	0.3	1.20	1	156	1	1	0.24	0.1	4	12	20	1.48	0.03	10	0.16	617	1	0.03	7	933	10	1	1	0.03	55	0.08	26	1	93
S	L1400S 425E	15	0.4	1.62	15	192	1	1	0.26	0.1	5	23	36	2.18	0.03	9	0.27	455	1	0.03	15	610	5	1	1	0.03	26	0.11	37	1	103
S	L1400S 450E	5	0.4	1.79	1	138	1	1	0.22	0.1	8	24	29	2.31	0.05	18	0.28	344	1	0.03	16	388	6	1	1	0.03	22	0.12	40	1	114
S	L1400S 475E	5	0.1	1.37	3	159	1	1	0.24	0.1	10	19	20	1.81	0.04	20	0.18	679	1	0.03	10	1057	7	4	1	0.03	34	0.10	33	1	90
S	L1400S 500E	5	0.1	1.49	7	230	1	1	0.18	0.1	5	19	42	1.78	0.02	10	0.19	415	1	0.03	9	531	9	1	1	0.03	27	0.10	32	1	108
S	L1400S 525E	5	0.2	1.61	8	139	1	1	0.25	0.1	7	33	38	2.51	0.04	21	0.40	318	1	0.03	19	335	7	1	1	0.03	30	0.12	53	1	82
S	L1400S 550E	5	0.2	1.72	6	143	1	1	0.24	0.1	1	25	29	2.52	0.05	18	0.31	201	1	0.02	15	102	9	4	1	0.03	24	0.11	45	1	86
S	L1400S 575E	5	0.1	1.72	1	76	1	1	0.26	0.1	7	23	40	2.21	0.04	27	0.31	291	1	0.03	12	282	5	5	1	0.03	21	0.13	41	1	87
S	L1400S 600E	5	0.1	1.69	4	62	1	1	0.26	0.1	8	25	40	2.00	0.04	25	0.36	353	1	0.04	17	406	2	1	1	0.03	23	0.13	40	1	105
S	L1400S 625E	5	0.4	2.06	1	97	1	1	0.27	0.1	8	21	34	2.11	0.06	19	0.32	313	1	0.04	14	325	4	4	1	0.03	28	0.13	39	1	91
S	L1400S 650E	5	0.1	2.09	1	109	1	1	0.25	0.6	6	19	26	1.94	0.05	13	0.28	371	1	0.04	13	442	1	5	1	0.03	27	0.14	36	1	105
S	L1400S 675E	5	0.3	1.89	5	203	1	1	0.30	0.7	4	12	22	1.55	0.02	14	0.19	250	1	0.04	9	200	1	3	1	0.03	53	0.12	23	1	116
S	L1400S 700E	5	0.1	2.17	8	104	1	1	0.26	0.1	3	17	30	1.97	0.02	16	0.25	284	1	0.04	12	268	1	1	1	0.03	32	0.13	38	1	94
S	L1400S 725E	missing																													
S	L1400S 750E	5	0.6	1.78	14	89	1	1	0.35	0.1	13	15	54	2.57	0.05	14	0.42	342	1	0.05	16	384	6	1	1	0.03	34	0.12	49	1	123
S	L1400S 775E	5	0.1	1.18	18	158	1	1	0.22	0.9	14	14	22	1.52	0.01	10	0.21	357	1	0.03	12	415	1	6	1	0.03	30	0.08	27	1	97
S	L1400S 800E	5	0.1	1.55	7	125	1	1	0.27	0.1	7	30	22	1.79	0.04	8	0.34	431	2	0.05	23	562	1	1	1	0.03	34	0.11	31	1	132
S	L1400S 825E	5	0.3	1.61	4	131	1	1	0.18	0.1	8	16	19	1.91	0.07	11	0.28	429	1	0.03	16	558	3	4	1	0.03	26	0.11	31	1	111
S	L1400S 850E	5	0.2	1.46	2	107	1	1	0.18	0.5	11	20	22	1.83	0.02	11	0.25	278	2	0.03	16	256	1	1	1	0.03	21	0.10	33	1	71
S	L1400S 875E	5	0.3	1.31	13	101	1	1	0.17	0.1	8	18	22	1.61	0.03	11	0.21	206	1	0.03	14	112	5	4	1	0.03	23	0.08	31	1	65
S	L1400S 900E	5	0.1	1.82	1	127	1	1	0.16	0.1	1	25	37	2.18	0.01	13	0.25	276	1	0.03	21	252	3	1	1	0.03	25	0.11	33	1	66
S	L1400S 925E	5	0.2	1.41	4	118	1	1	0.16	0.1	3	28	31	1.70	0.01	9	0.27	498	1	0.03	21	696	12	1	1	0.03	21	0.10	29	1	94
S	L1400S 950E	5	0.2	1.38	8	116	1	1	0.14	0.1	2	28	20	1.65	0.02	8	0.26	510	1	0.03	20	720	6	2	1	0.03	20	0.09	29	1	94
S	L1400S 975E	5	0.1	1.89	1	166	1	1	0.20	0.1	1	17	22	1.65	0.03	9	0.23	501	1	0.03	16	702	2	1	1	0.03	29	0.11	26	1	104
S	L1400S 1000E	5	0.1	1.45	1	208	1	1	0.21	0.1	1	11	18	1.45	0.02	6	0.18	420	1	0.03	10	540	1	1	1	0.03	37	0.10	24	1	152
S	L1400S 1025E	5	0.1	0.97	5	124	1	1	0.22	0.1	1	9	16	1.13	0.03	9	0.13	319	1	0.03	6	338	8	1	1	0.03	43	0.07	19	1	104
S	L1400S 1050E	5	0.3	1.20	1	193	1	1	0.17	0.1	1	12	18	1.40	0.01	4	0.16	494	1	0.03	9	687	9	1	1	0.03	40	0.08	25	1	91
S	L1400S 1075E	15	0.1	1.66	1	182	1	1	0.23	0.1	1	11	22	1.47	0.01	8	0.18	616	1	0.03	9	932	3	1	1	0.03	54	0.09	24	1	79
S	L1400S 1100E	5	0.2	1.41	11	112	1	1	0.25	0.1	9	13	27	2.02	0.01	10	0.28	357	1	0.03	11	414	5	1	1	0.03	51	0.09	39	1	85
S	L1500S 425E	10	0.1	1.70	5	88	1	1	0.34	0.1	1	29	38	1.89	0.03	18	0.32	329	1	0.04	16	357	1	2	1	0.03	24	0.12	37	1	67
S	L1500S 450E	5	0.4	1.79	15	105	1	1	0.26	0.1	11	22	48	1.91	0.02	15	0.29	382	1	0.04	15	464	1	1	1	0.03	27	0.12	37	1	80
S	L1500S 475E	5	0.4	1.39	9	108	1	1	0.21	0.8	4	23	29	2.06	0.03	16	0.28	297	2	0.03	13	293	7	1	1	0.03	22	0.11	41	1	82
S	L1500S 500E	5	0.4	1.76	4	94	1	1	0.23	0.1	5	29	36	2.32	0.06	21	0.34	291	1	0.03	16	281	9	2	1	0.03	28	0.12	47	1	89
S	L1500S 525E	5	0.3	1.45	8	118	1	1	0.25	0.1	12	31	26	2.30	0.05	20	0.36	291	1	0.03	16	282	6	1	1	0.03	28	0.13	45	1	82
S	L1500S 550E	5	0.1	1.75	4	135	1	1	0.24	0.1	10	18	26	1.75	0.03	18	0.24	453	1	0.04	11	606	1	3	1	0.03	27	0.11	31	1	74
S	L1500S 575E	5	0.3	2.02	5	106	1	1	0.21	0.1	9	22	32	2.10	0.03	12	0.30	419	2	0.04	15	537	5	1	1	0.03	22	0.13	38	1	104
S	L1500S 600E	5	0.2	1.65	3	102	1	1	0.26	0.1	11	21	32	2.15	0.06	15	0.33	423	2	0.04	16	546	1	1	1	0.03	32	0.12	37	1	155

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ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1738
Type of Analysis: ICP

Certificate: 97080
Invoice: 50823
Date Entered: 97-07-15
File Name: TEK97080.I
Page No.: 4

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	L1500S 625E	10	0.4	1.86	16	102	1	1	0.26	0.6	6	16	30	1.93	0.05	12	0.29	388	2	0.04	13	475	3	1	1	0.03	34	0.11	34	1	144
S	L1500S 650E	5	0.2	1.60	12	113	1	1	0.31	0.1	8	18	31	1.88	0.04	9	0.28	399	1	0.04	12	498	1	1	1	0.03	31	0.11	35	1	95
S	L1500S 675E	5	0.3	1.75	3	86	1	1	0.16	0.1	6	18	27	1.92	0.03	18	0.25	296	1	0.03	10	293	17	1	1	0.02	17	0.11	35	1	116
S	L1500S 700E	5	0.3	1.70	5	94	1	1	0.29	0.1	3	29	34	2.06	0.04	19	0.33	323	1	0.03	13	346	8	1	1	0.03	26	0.12	40	1	117
S	L1500S 725E	10	0.6	1.84	1	117	1	1	0.22	0.1	7	18	32	2.12	0.06	16	0.31	416	1	0.03	12	532	7	1	1	0.03	29	0.11	39	1	107
S	L1500S 750E	5	0.4	1.92	3	111	1	1	0.29	0.1	6	21	32	2.47	0.09	14	0.44	279	2	0.05	14	259	10	1	1	0.03	34	0.14	50	1	107
S	L1500S 775E	5	0.5	1.67	1	110	1	1	0.21	0.1	8	21	34	2.08	0.04	15	0.34	209	1	0.03	15	118	9	1	1	0.02	27	0.11	39	1	99
S	L1500S 800E	5	0.2	1.78	9	149	1	1	0.31	0.1	6	19	24	1.90	0.04	11	0.29	369	1	0.03	13	437	10	3	1	0.03	42	0.11	33	1	99
S	L1500S 825E	5	0.2	1.54	3	131	1	1	0.20	0.1	3	19	22	2.00	0.05	11	0.25	236	1	0.03	14	171	12	1	1	0.03	30	0.10	34	1	73
S	L1500S 850E	5	0.5	1.92	3	101	1	1	0.19	0.1	11	19	26	1.81	0.03	17	0.25	280	1	0.04	14	260	11	1	1	0.03	24	0.12	31	1	89
S	L1500S 875E	5	0.3	1.89	5	131	1	1	0.21	0.1	5	25	25	1.87	0.03	22	0.29	285	1	0.03	18	271	11	1	1	0.03	31	0.11	32	1	87
S	L1500S 900E	5	0.4	1.85	4	150	1	1	0.20	0.1	3	22	28	2.15	0.06	12	0.32	240	1	0.03	15	179	23	1	1	0.03	27	0.11	36	1	79
S	L1500S 925E	5	0.2	1.71	7	113	1	1	0.18	0.5	7	24	20	1.91	0.03	8	0.31	333	1	0.03	15	365	1	1	1	0.03	33	0.10	34	1	93
S	L1500S 950E	15	0.3	1.93	5	121	1	1	0.23	0.6	1	19	22	1.62	0.01	7	0.26	548	1	0.04	12	796	1	1	1	0.03	29	0.11	30	1	61
S	L1500S 975E	5	0.4	2.23	1	127	1	1	0.26	0.1	7	23	24	1.82	0.03	9	0.32	415	1	0.03	15	529	5	3	1	0.03	36	0.13	33	1	77
S	L1500S 1000E	5	0.7	1.79	1	130	1	1	0.21	0.1	10	16	26	2.26	0.06	13	0.38	318	1	0.03	12	336	1	1	1	0.03	36	0.11	46	1	91
S	L1500S 1025E	10	0.3	1.65	1	135	1	1	0.25	0.1	1	19	26	2.17	0.03	12	0.38	391	1	0.03	12	482	7	1	1	0.02	49	0.10	40	1	92
S	L1500S 1050E	5	0.5	2.11	1	96	1	1	0.24	0.1	4	19	30	2.42	0.01	16	0.38	529	1	0.03	11	757	1	1	1	0.03	30	0.12	52	1	68
S	L1500S 1075E	5	0.3	1.77	17	157	1	1	0.21	0.1	7	11	22	1.67	0.01	12	0.22	646	1	0.03	8	992	1	3	1	0.03	35	0.09	29	1	66
S	L1500S 1100E	5	0.4	1.86	10	117	1	1	0.24	0.1	1	12	25	1.87	0.03	14	0.23	556	1	0.03	8	812	1	1	1	0.03	45	0.09	35	1	51
S	L1500S 1125E	5	0.5	1.49	1	185	1	1	0.18	0.1	6	11	24	1.78	0.04	7	0.22	907	1	0.03	9	1513	9	4	1	0.03	37	0.09	29	1	99
S	L1500S 1150E	10	0.4	1.66	5	126	1	1	0.30	0.1	5	14	38	2.02	0.04	13	0.25	565	2	0.03	9	830	7	4	1	0.03	54	0.09	36	1	65
S	L1500S 1175E	10	0.1	1.42	8	147	1	1	0.28	0.1	10	14	28	1.95	0.07	31	0.24	629	2	0.03	10	958	15	1	1	0.03	74	0.08	34	1	88
S	L1500S 1200E	5	0.1	1.68	4	92	1	1	0.37	0.6	3	15	32	2.10	0.04	25	0.25	1551	1	0.03	11	2799	8	1	1	0.03	58	0.08	44	1	83
S	L1500S 1225E	missing																													
S	L1500S 1250E	5	0.3	1.97	1	115	1	1	0.19	0.1	3	11	23	1.62	0.02	18	0.19	461	1	0.03	8	622	12	1	1	0.03	44	0.11	29	1	54
S	L1500S 1275E	10	0.2	1.39	4	98	1	1	0.28	0.6	1	11	20	1.40	0.05	21	0.20	295	2	0.03	7	289	11	1	1	0.03	70	0.10	27	1	46
S	L1500S 1300E	5	0.1	2.04	1	156	1	1	0.29	0.1	1	14	22	1.85	0.06	18	0.26	504	1	0.03	9	707	16	1	1	0.03	175	0.13	32	1	75
S	L1500S 1325E	5	0.1	2.08	4	145	1	1	0.17	0.1	3	11	21	1.57	0.01	13	0.18	495	1	0.03	8	689	7	6	1	0.03	41	0.11	28	1	65
S	L1500S 1350E	missing																													
S	L1500S 1375E	5	0.2	2.14	1	120	1	1	0.20	0.1	5	15	22	1.95	0.03	26	0.23	413	1	0.03	9	525	12	4	1	0.03	44	0.12	34	1	85
S	L1500S 1400E	10	0.4	2.04	3	143	1	1	0.24	0.1	5	11	23	1.70	0.03	19	0.20	491	1	0.03	9	682	16	3	1	0.03	51	0.12	30	1	63
S	L1500S 1425E	5	0.2	1.82	16	153	1	1	0.25	0.1	1	10	21	1.52	0.02	14	0.17	605	1	0.03	8	909	10	1	1	0.03	51	0.10	23	1	83
S	L1500S 1450E	5	0.1	1.24	13	232	1	1	0.24	0.1	3	8	18	1.03	0.03	7	0.11	449	1	0.03	4	597	10	3	1	0.03	73	0.08	15	1	82
S	L1500S 1475E	5	0.1	2.03	8	178	1	1	0.42	0.1	1	11	22	1.65	0.08	20	0.19	361	1	0.04	7	422	12	3	1	0.03	102	0.12	24	1	87
S	L1500S 1500E	5	0.3	2.02	5	140	2	1	0.35	0.1	1	15	22	2.11	0.09	40	0.30	300	1	0.04	8	299	10	1	1	0.03	106	0.15	37	1	76
S	L1500S 1525E	5	16.7	1.77	16	104	1	1	0.27	0.1	1	13	23	1.79	0.04	22	0.23	182	2	0.05	10	749	19	1	1	0.03	69	0.13	30	1	67
S	L1500S 1550E	5	8.6	2.10	14	117	1	1	0.28	0.1	1	15	25	1.73	0.03	38	0.21	286	1	0.05	10	362	19	1	1	0.03	93	0.12	26	1	63
S	L1500S 1575E	5	4.5	2.11	5	131	1	1	0.27	0.1	4	23	28	1.99	0.01	41	0.29	309	1	0.05	11	1317	19	1	1	0.03	46	0.15	35	1	67
S	L1500S 1600E	15	2.6	1.36	13	152	1	1	0.25	0.1	1	32	22	1.92	0.04	23	0.29	400	1	0.04	13	1220	11	1	1	0.03	39	0.14	36	1	88

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PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	L1600S 425E	5	1.8	1.84	16	161	1	1	0.25	0.1	1	37	32	2.50	0.04	22	0.41	477	1	0.05	19	1800	16	1	1	0.03	25	0.15	47	1	102
S	L1600S 450E	5	1.1	1.62	15	158	1	1	0.25	0.1	1	27	29	2.15	0.04	19	0.31	281	1	0.04	15	1478	8	2	1	0.03	26	0.12	38	1	100
S	L1600S 475E	5	0.8	1.80	26	142	1	1	0.28	0.1	1	28	32	2.39	0.06	22	0.34	284	1	0.05	15	2474	16	1	1	0.03	31	0.13	44	1	95
S	L1600S 500E	5	0.6	1.54	16	163	1	1	0.23	0.6	5	25	29	1.92	0.02	21	0.28	528	1	0.05	13	2151	16	3	1	0.03	25	0.12	38	1	93
S	L1600S 525E	5	0.4	1.86	8	133	1	1	0.26	0.1	1	27	40	2.33	0.06	26	0.37	398	1	0.05	16	805	12	1	1	0.03	27	0.13	46	1	106
S	L1600S 550E	5	0.7	1.66	13	154	1	1	0.25	0.1	1	22	38	2.34	0.08	18	0.35	551	1	0.05	14	2507	13	1	1	0.03	31	0.11	42	1	114
S	L1600S 575E	5	0.7	1.43	5	125	1	1	0.19	0.7	7	21	30	1.80	0.02	12	0.24	533	1	0.04	13	2251	14	1	1	0.03	29	0.10	31	1	134
S	L1600S 600E	5	0.7	1.77	9	134	1	1	0.18	0.6	1	21	34	1.91	0.06	16	0.26	322	2	0.04	16	2058	11	1	1	0.03	27	0.11	34	1	111
S	L1600S 625E	5	0.9	1.78	20	150	1	1	0.24	0.1	9	25	38	2.38	0.07	17	0.40	346	1	0.05	16	2067	23	3	1	0.03	30	0.12	45	1	117
S	L1600S 650E	5	0.8	1.57	9	118	1	2	0.21	0.9	9	24	36	2.20	0.07	11	0.35	277	1	0.05	15	1518	18	1	1	0.03	26	0.11	43	1	88
S	L1600S 675E	5	0.5	2.01	0	122	1	2	0.26	0.8	10	24	42	2.45	0.04	20	0.40	356	1	0.05	17	1037	11	1	1	0.03	26	0.14	48	1	113
S	L1600S 700E	5	0.6	1.95	1	151	1	3	0.26	0.1	10	23	42	2.41	0.06	17	0.35	374	1	0.04	16	2658	16	1	1	0.03	33	0.13	43	1	107
S	L1600S 725E	5	0.2	2.07	8	141	1	1	0.26	0.1	18	23	34	2.28	0.07	16	0.38	392	1	0.05	16	2648	15	1	1	0.03	35	0.13	41	1	123
S	L1600S 750E	5	0.9	1.75	1	108	1	2	0.27	0.6	9	25	33	2.35	0.04	14	0.43	335	1	0.04	17	1091	13	1	1	0.03	25	0.12	48	1	109
S	L1600S 775E	5	0.5	2.43	5	109	1	2	0.28	0.1	8	24	38	2.60	0.08	17	0.46	356	1	0.05	17	1895	9	1	1	0.03	26	0.14	52	1	139
S	L1600S 800E	5	0.4	1.88	1	101	1	3	0.28	0.6	11	49	32	2.53	0.08	10	0.66	266	1	0.04	35	843	18	5	1	0.03	26	0.15	53	1	87
S	L1600S 825E	5	0.7	1.81	12	115	1	2	0.23	0.1	9	47	28	2.17	0.06	9	0.54	586	1	0.04	30	475	12	1	1	0.03	28	0.12	45	1	77
S	L1600S 850E	missing																													
S	L1600S 875E	missing																													
S	L1600S 900E	5	0.4	1.91	15	152	1	1	0.28	0.1	6	26	28	1.88	0.07	9	0.35	563	1	0.05	17	1928	1	1	1	0.03	39	0.12	36	1	88
S	L1600S 925E	5	0.6	1.81	20	209	1	1	0.24	0.1	1	21	30	1.87	0.06	8	0.32	722	1	0.04	14	3669	7	1	1	0.03	40	0.11	34	1	117
S	L1600S 950E	5	0.7	1.67	15	122	1	1	0.26	0.6	6	21	30	1.75	0.07	9	0.29	471	1	0.04	14	1563	2	1	1	0.03	31	0.11	34	1	87
S	L1600S 975E	5	0.7	2.10	10	104	1	1	0.28	0.1	5	24	39	2.72	0.02	10	0.43	345	1	0.04	14	2096	1	2	1	0.03	30	0.14	54	1	96
S	L1600S 1000E	5	0.5	2.32	13	134	1	1	0.25	0.6	6	20	80	3.01	0.03	12	0.37	487	1	0.03	11	1862	6	1	1	0.03	41	0.12	49	1	81
S	L1600S 1025E	5	0.7	1.74	17	119	1	1	0.38	0.1	21	24	126	4.48	0.06	12	0.30	905	1	0.03	16	1266	5	1	1	0.03	40	0.12	52	1	107
S	L1600S 1050E	100	0.7	1.66	17	117	1	1	0.44	0.8	20	25	128	4.13	0.08	11	0.34	1431	1	0.03	18	2295	1	1	1	0.03	59	0.10	55	1	109
S	L1600S 1075E	15	0.1	1.59	17	97	1	1	0.39	0.1	15	17	62	2.55	0.01	15	0.34	762	1	0.04	13	1513	9	3	1	0.03	51	0.09	46	1	70
S	L1600S 1100E	5	0.1	1.55	20	151	1	1	0.61	0.7	14	18	52	2.68	0.06	14	0.30	761	2	0.03	13	2978	1	1	1	0.03	103	0.10	41	1	89
S	L1600S 1125E	5	0.1	1.48	25	144	1	1	0.26	0.9	9	19	39	2.28	0.02	13	0.27	784	1	0.03	12	1980	1	5	1	0.03	53	0.08	39	1	82
S	L1600S 1150E	30	0.1	1.42	30	125	1	1	0.32	0.5	5	19	37	2.28	0.01	16	0.30	624	1	0.03	11	2231	5	1	1	0.03	58	0.09	41	1	72
S	L1600S 1175E	15	0.1	1.95	18	118	1	1	0.45	0.1	16	18	45	2.88	0.05	21	0.33	586	1	0.04	12	2352	10	1	1	0.03	79	0.11	49	1	70
S	L1600S 1200E	5	0.1	1.78	14	141	1	1	0.42	1.1	13	19	36	2.54	0.06	24	0.32	842	1	0.03	14	2091	12	1	1	0.03	88	0.12	45	1	89
S	L1600S 1225E	5	0.2	1.30	26	139	1	1	0.47	0.9	13	15	39	1.90	0.03	24	0.25	774	1	0.04	9	2257	11	3	1	0.03	112	0.08	35	1	78
S	L1600S 1250E	5	0.3	1.88	16	135	1	1	0.32	0.6	15	17	32	2.14	0.09	32	0.26	653	1	0.04	12	1182	15	1	1	0.03	73	0.11	37	1	69
S	L1600S 1275E	5	0.4	1.81	12	123	1	1	0.27	0.9	9	16	32	1.92	0.06	26	0.24	861	1	0.04	9	1115	12	1	1	0.03	69	0.11	35	1	82
S	L1600S 1300E	5	0.1	1.70	3	104	1	1	0.22	0.1	8	16	28	1.97	0.03	38	0.25	652	2	0.03	7	1031	13	1	1	0.03	51	0.11	34	1	79
S	L1600S 1325E	5	0.1	1.53	6	131	1	1	0.24	0.1	1	14	26	1.71	0.04	26	0.21	614	1	0.03	6	508	12	3	1	0.03	56	0.10	31	1	59
S	L1600S 1350E	5	0.1	2.16	3	154	1	2	0.27	0.1	1	17	34	2.26	0.06	36	0.28	612	1	0.03	7	887	12	3	1	0.03	70	0.13	40	1	74
S	L1600S 1375E	5	0.1	2.20	12	138	2	1	0.37	0.1	7	17	31	2.47	0.02	42	0.33	836	1	0.03	8	1466	20	2	1	0.03	93	0.13	45	1	84
S	L1600S 1400E	5	0.1	2.05	9	114	1	1	0.21	0.1	1	14	30	1.94	0.01	31	0.25	430	1	0.03	6	1409	3	2	1	0.03	46	0.12	35	1	62

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ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1738
Type of Analysis: ICP

Certificate: 97080
Invoice: 50823
Date Entered: 97-07-15
File Name: TEK97080.I
Page No.: 6

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	L1600S 1425E	5	0.2	1.99	5	134	1	1	0.23	0.1	1	15	26	1.90	0.01	27	0.23	605	1	0.04	7	2471	9	1	1	0.03	60	0.12	35	1	75
S	L1600S 1450E	40	0.1	1.97	12	191	1	1	0.43	0.1	3	15	26	2.14	0.05	27	0.27	494	1	0.03	8	4415	17	1	1	0.03	141	0.13	35	1	83
S	L1600S 1475E	5	0.1	1.80	1	84	2	1	0.45	0.1	1	10	26	1.49	0.04	57	0.20	803	1	0.05	5	1310	23	3	1	0.03	158	0.09	27	1	64
S	L1600S 1500E	5	0.1	1.06	1	73	1	1	0.41	0.7	1	8	23	1.07	0.01	16	0.16	649	1	0.04	3	924	22	3	1	0.03	140	0.08	23	1	56
S	L1600S 1525E	missing																													
S	L1600S 1550E	5	0.5	1.39	8	97	1	1	0.23	0.7	8	7	23	1.14	0.02	10	0.15	144	1	0.05	8	1569	13	3	1	0.03	64	0.11	19	1	70
S	L1600S 1575E	5	0.3	1.90	24	117	1	3	0.29	0.9	8	16	25	1.64	0.01	16	0.22	239	1	0.04	11	2432	5	1	1	0.03	64	0.14	28	1	83
S	L1600S 1600E	5	0.1	1.69	2	172	1	2	0.33	0.1	5	38	24	2.17	0.04	30	0.35	548	1	0.04	14	1703	8	1	1	0.03	00	0.15	40	1	97
S	L01700S 425E	40	0.4	1.85	16	119	1	1	0.41	0.1	12	48	50	2.63	0.07	29	0.60	401	1	0.05	23	1358	8	1	1	0.03	31	0.19	55	1	87
S	L01700S 450E	10	0.4	1.64	15	113	1	1	0.34	0.6	11	38	40	2.23	0.05	27	0.44	398	1	0.05	19	1302	5	1	1	0.03	30	0.14	44	1	68
S	L01700S 475E	5	0.1	1.91	0	98	1	1	0.42	0.1	12	40	42	2.51	0.05	32	0.55	387	1	0.06	21	970	9	1	1	0.03	30	0.17	48	1	83
S	L01700S 500E	5	0.3	1.71	14	162	1	2	0.28	0.1	12	23	33	1.99	0.02	25	0.29	563	1	0.05	13	2462	5	1	1	0.03	29	0.12	36	1	85
S	L01700S 525E	5	0.4	1.64	7	152	1	1	0.22	0.1	8	26	30	2.14	0.03	19	0.31	483	1	0.03	15	2394	4	4	1	0.03	24	0.12	38	1	92
S	L01700S 550E	5	0.1	2.03	13	187	1	1	0.28	0.1	7	24	34	2.46	0.07	22	0.35	281	1	0.03	16	1999	12	1	1	0.03	31	0.13	43	1	116
S	L01700S 575E	5	0.2	1.40	12	134	1	1	0.23	0.7	3	24	33	2.31	0.10	20	0.35	260	1	0.03	13	728	11	2	1	0.03	25	0.11	44	1	107
S	L01700S 600E	5	0.4	1.79	12	131	1	1	0.23	0.1	13	21	37	2.24	0.06	14	0.35	351	2	0.04	18	1236	1	1	1	0.03	26	0.12	43	1	89
S	L01700S 625E	100	0.1	1.23	11	119	1	1	0.25	0.1	14	30	32	2.57	0.12	19	0.49	597	1	0.04	15	1127	1	1	1	0.03	28	0.13	55	1	76
S	L01700S 650E	20	0.6	1.90	8	167	1	1	0.20	0.6	12	25	34	2.34	0.06	15	0.41	705	1	0.04	17	1601	4	1	1	0.03	21	0.12	49	1	89
S	L01700S 675E	5	0.5	1.55	11	139	1	1	0.23	0.1	6	26	34	2.28	0.05	12	0.44	375	2	0.04	22	1051	1	1	1	0.03	29	0.11	48	1	98
S	L01700S 700E	5	0.5	1.91	15	110	1	1	0.19	0.1	13	28	39	2.44	0.05	15	0.46	369	1	0.04	20	1189	11	1	1	0.03	24	0.12	52	1	88
S	L01700S 725E	5	0.4	2.05	16	146	1	1	0.20	0.1	9	26	42	2.51	0.08	15	0.47	461	1	0.05	19	1522	5	1	1	0.03	22	0.13	52	1	97
S	L01700S 750E	5	0.3	2.09	16	125	1	1	0.24	0.1	11	29	38	2.60	0.09	14	0.50	550	1	0.04	22	1798	6	1	1	0.03	31	0.13	54	1	94
S	L01700S 775E	5	0.3	1.90	0	404	1	1	0.23	0.7	1	25	32	2.42	0.07	9	0.47	1739	1	0.04	19	4259	1	1	1	0.03	35	0.12	45	1	169
S	L01700S 800E	5	0.3	2.25	10	179	1	1	0.30	0.1	10	28	40	2.80	0.08	17	0.55	779	1	0.05	23	2522	5	1	1	0.03	31	0.14	58	1	104
S	L01700S 825E	5	0.5	2.26	15	163	1	1	0.32	0.1	5	29	34	2.07	0.02	11	0.42	640	1	0.05	25	2072	1	1	1	0.03	34	0.12	38	1	75
S	L01700S 850E	20	0.6	1.75	21	119	1	1	0.25	0.1	15	21	43	2.14	0.02	10	0.34	574	2	0.04	21	2211	11	1	1	0.03	28	0.10	38	1	79
S	L01700S 875E	10	0.6	2.01	10	107	1	1	0.30	0.1	15	33	66	3.29	0.02	16	0.57	518	1	0.04	26	2014	6	1	1	0.03	31	0.13	61	1	128
S	L01700S 900E	30	1.0	1.77	15	154	1	1	0.39	0.1	11	28	250	0.82	0.07	10	0.34	445	1	0.04	23	1738	5	1	1	0.03	40	0.13	57	1	127
S	L01700S 925E	15	0.6	1.77	16	125	1	1	0.29	0.1	11	21	62	2.59	0.06	15	0.36	496	1	0.04	18	1569	8	1	1	0.03	36	0.11	43	1	103
S	L01700S 950E	5	0.7	2.01	14	124	1	1	0.28	0.1	12	25	75	2.98	0.11	15	0.45	638	1	0.05	20	1942	7	1	1	0.03	32	0.12	51	1	117
S	L01700S 975E	5	0.5	1.62	12	131	1	1	0.31	0.1	1	24	50	2.55	0.12	14	0.37	669	1	0.03	17	1546	7	1	1	0.03	46	0.10	45	1	106
S	L01700S 1000E	10	0.6	0.82	15	140	1	3	0.35	1.6	16	9	40	1.42	0.04	6	0.16	1962	2	0.04	5	1709	14	1	1	0.03	58	0.05	25	1	105
S	L01700S 1025E	5	0.4	2.09	20	128	1	1	0.38	0.6	16	21	54	3.14	0.05	16	0.42	1792	1	0.03	13	1416	15	1	1	0.03	47	0.09	54	1	113
S	L01700S 1050E	10	0.7	1.96	21	93	1	1	0.26	0.1	18	22	60	3.34	0.08	12	0.45	999	2	0.03	17	1039	6	1	1	0.03	33	0.10	59	1	105
S	L01700S 1075E	20	0.5	1.59	8	117	1	1	0.47	1.0	25	23	64	3.15	0.09	6	0.43	1540	1	0.04	24	2619	2	1	1	0.03	64	0.10	56	1	111
S	L01700S 1100E	15	1.0	1.54	12	106	1	1	0.24	0.1	15	17	44	2.81	0.06	10	0.31	994	1	0.04	14	1772	9	1	1	0.03	43	0.09	45	1	131
S	L01700S 1125E	10	0.8	1.54	19	103	1	1	0.33	0.6	12	16	52	2.88	0.12	9	0.32	472	1	0.04	15	1593	5	1	1	0.03	51	0.10	43	1	147
S	L01700S 1150E	5	0.6	1.25	10	121	1	1	0.27	0.6	13	14	46	2.63	0.10	8	0.23	426	1	0.03	10	1458	3	1	1	0.03	53	0.09	37	1	100
S	L01700S 1175E	5	0.6	1.48	21	142	1	1	0.22	0.1	9	15	28	2.63	0.06	11	0.24	926	1	0.04	9	1818	11	1	1	0.03	45	0.09	37	1	126
S	L01700S 1200E	15	0.4	1.37	7	124	1	1	0.24	0.5	14	14	29	2.38	0.08	16	0.23	522	1	0.03	8	1208	8	3	1	0.03	48	0.08	37	1	94

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PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	L01700S 1225E	10	0.6	1.23	15	115	1	1	0.25	0.7	11	12	27	2.01	0.05	15	0.22	586	1	0.04	7	1356	6	1	1	0.03	58	0.08	35	1	62
S	L01700S 1250E	5	0.5	1.67	21	154	1	1	0.23	0.1	13	15	28	2.21	0.08	18	0.25	836	1	0.03	8	1481	7	1	1	0.03	51	0.09	38	1	98
S	L01700S 1275E	5	0.2	1.63	14	160	1	1	0.37	0.1	6	15	26	2.23	0.12	31	0.28	960	1	0.03	9	1231	11	1	1	0.03	79	0.09	39	1	109
S	L01700S 1300E	5	0.1	1.43	12	159	1	1	0.36	1.0	10	12	24	1.85	0.06	31	0.22	1203	1	0.03	7	1572	16	1	1	0.03	89	0.08	34	1	87
S	L01700S 1325E	5	0.1	1.44	9	172	1	1	0.33	0.8	11	13	24	1.84	0.09	41	0.21	1512	1	0.03	7	1417	20	4	1	0.03	98	0.09	32	1	104
S	L01700S 1350E	5	0.1	1.78	12	161	1	2	0.31	0.1	7	15	22	1.94	0.11	32	0.25	923	1	0.04	8	1114	15	1	1	0.03	69	0.11	35	1	76
S	L01700S 1375E	5	0.1	2.45	5	126	1	1	0.30	0.1	2	14	21	2.21	0.04	34	0.29	781	1	0.04	10	1677	9	1	1	0.03	120	0.13	39	1	78
S	L01700S 1400E	missing																													
S	L01700S 1425E	5	0.2	1.85	8	79	1	1	0.18	0.1	3	13	17	1.71	0.05	23	0.22	460	1	0.03	9	1376	15	1	1	0.03	148	0.10	34	1	52
S	L01700S 1450E	5	0.1	2.83	22	98	2	1	0.29	0.1	10	16	20	2.27	0.09	37	0.29	335	1	0.05	10	2002	17	1	1	0.03	138	0.15	39	1	63
S	L01700S 1475E	5	0.1	1.84	2	161	1	1	0.34	0.1	10	14	18	1.78	0.07	29	0.25	597	1	0.04	9	2854	14	3	1	0.03	102	0.12	29	1	89
S	L01700S 1500E	missing																													
S	L01700S 1525E	5	0.2	1.91	1	146	1	1	0.22	0.1	10	18	18	2.32	0.07	58	0.28	321	1	0.04	11	1768	18	1	1	0.03	57	0.12	38	1	89
S	L01700S 1550E	5	0.6	1.77	12	158	1	1	0.18	0.1	4	12	19	1.46	0.06	20	0.17	455	1	0.04	10	2689	15	5	1	0.03	38	0.09	23	1	59
S	L01700S 1575E	5	0.5	1.53	12	137	1	1	0.22	0.6	12	13	19	2.00	0.11	37	0.23	303	2	0.03	10	2196	11	1	1	0.03	46	0.11	33	1	95
S	L01700S 1600E	5	0.5	0.97	12	121	1	1	0.20	0.1	12	13	16	1.42	0.04	13	0.16	338	3	0.04	6	1369	13	3	1	0.03	48	0.08	28	1	57
S	L1800S 000E	5	0.9	1.54	18	194	1	1	0.19	0.1	4	23	24	1.94	0.07	12	0.28	406	2	0.04	19	927	1	1	1	0.03	21	0.11	38	1	79
S	L1800S 25E	5	0.5	1.32	6	161	1	1	0.21	0.8	12	18	18	1.58	0.04	9	0.18	575	2	0.04	12	1765	10	5	1	0.03	26	0.09	29	1	102
S	L1800S 50E	5	0.7	1.55	10	139	1	1	0.32	0.1	11	19	24	1.78	0.06	14	0.24	467	2	0.05	14	917	5	1	1	0.03	26	0.10	31	1	64
S	L1800S 75E	5	0.3	1.58	28	199	1	1	0.22	0.1	12	19	22	1.88	0.05	15	0.26	499	2	0.03	15	2089	7	6	1	0.03	23	0.11	34	1	84
S	L1800S 100E	5	0.8	1.94	14	257	1	1	0.21	0.7	15	27	36	2.30	0.11	14	0.42	472	1	0.04	22	1881	8	1	1	0.03	25	0.14	45	1	102
S	L1800S 125E	5	1.0	1.91	25	174	1	1	0.20	0.1	20	24	36	2.22	0.10	17	0.34	486	3	0.05	20	1822	8	1	1	0.03	23	0.12	42	1	94
S	L1800S 150E	5	0.8	1.82	28	149	1	1	0.19	0.1	11	21	32	1.98	0.05	12	0.32	465	2	0.05	22	1707	1	1	1	0.03	21	0.12	39	1	113
S	L1800S 175E	5	0.8	1.90	29	217	1	1	0.21	1.1	14	21	34	2.06	0.09	17	0.32	530	2	0.04	21	2421	11	1	1	0.03	24	0.11	38	1	119
S	L1800S 200E	15	0.7	1.59	18	308	1	1	0.25	0.1	10	24	31	2.11	0.04	21	0.33	430	1	0.04	22	2504	14	1	1	0.03	29	0.11	40	1	153
S	L1800S 225E	10	0.5	1.67	13	210	1	1	0.22	0.1	12	22	29	1.94	0.06	18	0.27	415	1	0.03	17	3161	12	1	1	0.03	32	0.11	37	1	98
S	L1800S 250E	5	0.2	1.70	20	206	1	1	0.24	0.1	12	23	40	2.03	0.05	21	0.32	553	1	0.04	27	1783	13	3	1	0.02	29	0.11	40	1	116
S	L1800S 275E	5	0.3	1.90	31	197	1	1	0.25	0.8	14	25	37	2.22	0.04	13	0.37	609	1	0.04	30	2166	10	1	1	0.03	27	0.12	43	1	111
S	L1800S 300E	5	0.5	2.26	12	181	1	1	0.30	0.1	10	39	32	2.55	0.07	19	0.48	494	1	0.04	28	2475	8	1	1	0.03	35	0.15	49	1	97
S	L1800S 325E	5	0.5	1.79	13	222	1	1	0.26	0.6	12	30	25	2.22	0.02	13	0.40	736	1	0.03	21	2290	11	1	1	0.03	27	0.13	44	1	87
S	L1800S 350E	missing																													
S	L1800S 375E	5	0.8	1.93	18	154	1	1	0.28	0.1	12	29	33	2.14	0.08	17	0.39	541	1	0.05	23	1747	9	1	1	0.03	26	0.13	41	1	76
S	L1800S 400E	5	0.4	1.40	19	164	1	1	0.35	0.1	8	36	23	2.01	0.04	16	0.41	719	1	0.03	21	1185	12	1	1	0.03	34	0.11	38	1	81
S	L1800S 425E	5	0.3	1.59	13	153	1	1	0.29	0.6	6	36	33	2.23	0.12	18	0.44	451	1	0.05	22	2194	9	4	1	0.03	31	0.14	41	1	89
S	L1800S 450E	5	0.4	0.93	17	152	1	1	0.10	0.8	5	14	22	1.30	0.06	8	0.18	491	1	0.03	11	1377	15	5	1	0.03	23	0.07	26	1	67
S	L1800S 475E	5	0.3	1.69	11	108	1	1	0.21	0.6	3	29	32	2.30	0.07	11	0.40	449	1	0.03	47	1092	6	5	1	0.03	20	0.11	44	1	106
S	L1800S 500E	5	0.6	1.60	22	142	1	1	0.26	0.5	1	27	34	2.14	0.06	19	0.39	482	1	0.04	18	628	9	4	1	0.03	20	0.11	45	1	73
S	L1800S 525E	5	0.6	1.55	10	166	1	1	0.23	0.1	1	26	36	2.25	0.09	10	0.38	547	1	0.03	19	1248	8	7	1	0.03	21	0.11	45	1	98
S	L1800S 550E	5	0.3	1.35	10	135	1	1	0.20	0.9	7	25	34	2.11	0.08	12	0.36	475	1	0.03	16	701	10	3	1	0.03	19	0.10	44	1	109
S	L1800S 575E	5	0.3	1.51	15	166	1	1	0.24	0.8	4	23	35	2.06	0.07	18	0.33	511	1	0.04	18	1696	6	6	1	0.03	24	0.10	41	1	128

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PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	L1800S 600E	5	0.5	1.91	20	147	1	1	0.26	0.1	12	25	40	2.46	0.09	19	0.46	460	1	0.05	15	809	6	5	1	0.03	30	0.13	53	1	84
S	L1800S 625E	40	0.4	1.40	6	92	1	1	0.27	0.1	9	40	28	2.73	0.22	11	0.66	296	1	0.04	24	129	7	4	1	0.02	25	0.14	62	1	73
S	L1800S 650E	missing																													
S	L1800S 675E	5	0.1	1.78	15	181	1	2	0.26	0.1	13	19	39	2.22	0.01	11	0.38	1069	1	0.04	14	1440	8	2	1	0.03	30	0.11	47	1	80
S	L1800S 700E	5	0.1	2.22	18	168	1	1	0.28	0.1	12	24	36	2.67	0.04	14	0.47	1055	1	0.04	16	933	9	1	1	0.03	26	0.12	57	1	78
S	L1800S 725E	missing																													
S	L1800S 750E	5	0.8	2.25	14	210	1	1	0.20	0.1	14	21	33	2.23	0.02	15	0.40	860	1	0.04	16	1556	6	2	1	0.03	21	0.13	46	1	77
S	L1800S 775E	15	0.3	1.69	29	203	1	1	0.35	0.1	64	25	60	3.17	0.01	12	0.43	969	1	0.04	33	705	9	2	1	0.03	26	0.11	47	1	168
S	L1800S 800E	15	0.2	2.47	31	123	1	1	0.82	0.1	57	47	56	4.28	0.03	15	0.57	677	1	0.03	40	950	9	1	1	0.03	24	0.14	77	1	122
S	L1800S 825E	20	0.3	1.45	25	123	1	1	0.38	0.1	27	22	62	2.66	0.05	12	0.35	619	1	0.04	21	729	12	4	1	0.03	29	0.09	43	1	90
S	L1800S 850E	missing																													
S	L1800S 875E	missing																													
S	L1800S 900E	5	0.7	2.14	18	94	1	1	0.55	0.1	13	25	92	4.14	0.14	15	0.49	418	1	0.05	20	1012	11	1	1	0.03	40	0.12	66	1	108
S	L1800S 925E	10	0.4	1.83	23	113	1	1	0.32	1.0	13	27	48	3.16	0.08	18	0.47	447	1	0.04	18	835	13	1	1	0.03	31	0.12	59	1	119
S	L1800S 950E	5	0.3	1.58	16	131	1	1	0.34	0.9	12	22	34	2.38	0.12	14	0.36	774	1	0.04	14	820	7	1	1	0.03	41	0.10	45	1	124
S	L1800S 975E	5	0.3	1.71	20	135	1	2	0.41	0.8	12	21	36	2.16	0.09	14	0.36	542	1	0.04	15	1339	11	1	1	0.03	45	0.11	41	1	133
S	L1800S 1000E	5	0.5	1.32	9	110	1	1	0.29	1.3	4	16	28	1.66	0.07	9	0.27	553	1	0.04	11	1452	9	1	1	0.03	34	0.09	33	1	118
S	L1800S 1025E	5	0.8	1.41	24	126	1	1	0.31	0.7	10	17	30	1.83	0.09	11	0.30	668	1	0.04	13	1744	7	1	1	0.03	40	0.09	34	1	142
S	L1800S 1850E	5	0.5	1.44	13	96	1	2	0.39	1.0	7	19	32	2.15	0.10	12	0.35	744	1	0.03	14	1076	8	1	1	0.03	40	0.10	43	1	120
S	L1800S 1075E	5	0.4	1.72	19	77	1	1	0.38	0.6	10	25	38	2.79	0.11	18	0.48	496	1	0.05	15	419	11	1	1	0.03	32	0.14	62	1	122
S	L1800S 1100E	5	0.6	1.09	24	119	1	1	0.27	1.2	9	15	32	1.69	0.04	8	0.26	889	1	0.04	8	1372	8	1	1	0.03	33	0.08	34	1	161
S	L1800S 1125E	5	0.6	1.85	15	147	1	1	0.31	1.6	8	20	39	2.27	0.08	11	0.37	708	1	0.05	14	2484	10	1	1	0.03	34	0.11	41	1	295
S	L1800S 1150E	5	0.6	1.95	19	133	1	2	0.26	1.3	12	21	42	2.40	0.12	14	0.42	668	1	0.05	16	1045	11	1	1	0.03	48	0.12	44	1	374
S	L1800S 1175E	5	0.9	1.66	2	52	1	1	0.24	0.7	3	17	36	2.00	0.02	13	0.35	335	1	0.04	15	346	3	1	1	0.03	36	0.11	40	1	191
S	L1800S 1200E	5	0.9	1.61	12	110	1	1	0.24	0.6	5	17	34	1.88	0.02	14	0.30	528	1	0.04	11	1043	12	1	1	0.03	47	0.10	36	1	133
S	L1800S 1225E	5	0.6	1.83	7	121	1	1	0.29	0.5	9	16	36	2.02	0.05	16	0.33	451	1	0.04	11	899	3	2	1	0.03	57	0.11	38	1	134
S	L1800S 1250E	5	1.3	2.08	17	156	1	1	0.27	0.1	13	16	35	2.12	0.09	20	0.32	516	1	0.04	13	947	9	1	1	0.03	61	0.12	38	1	157
S	L1800S 1275E	5	0.7	1.90	5	169	1	1	0.25	0.1	5	17	29	2.22	0.08	17	0.30	424	1	0.04	11	1151	14	1	1	0.03	47	0.11	37	1	125
S	L1800S 1300E	5	0.9	1.19	2	159	1	1	0.29	0.7	1	11	26	1.26	0.05	10	0.16	623	1	0.04	6	1815	5	3	1	0.03	64	0.08	23	1	99
S	L1800S 1325E	5	1.1	1.72	11	148	1	1	0.24	0.1	11	16	29	2.02	0.05	21	0.28	549	1	0.04	10	1446	5	3	1	0.03	42	0.10	36	1	93
S	L1800S 1350E	10	1.3	1.39	7	147	1	1	0.27	0.1	11	15	26	1.93	0.08	24	0.28	600	1	0.03	10	1231	9	1	1	0.03	51	0.09	36	1	80
S	L1800S 1375E	5	0.6	1.43	11	183	1	1	0.24	0.1	4	12	25	1.76	0.03	16	0.24	970	1	0.03	7	1203	10	2	1	0.03	54	0.09	32	1	76
S	L1800S 1400E	5	0.4	1.26	24	148	1	1	0.28	1.1	8	14	26	1.45	0.05	10	0.21	678	4	0.03	8	535	26	4	1	0.01	58	0.06	17	5	69
S	L1800S 1425E	5	0.2	1.36	13	147	1	1	0.24	0.6	5	14	26	1.49	0.05	5	0.23	610	2	0.03	8	573	17	1	1	0.02	50	0.07	17	8	73
S	L1800S 1450E	5	0.1	1.46	12	211	1	1	0.27	0.1	5	16	26	1.80	0.07	7	0.30	951	3	0.03	10	559	15	6	1	0.02	56	0.07	21	1	113
S	L1800S 1475E	5	0.1	1.80	13	172	1	1	0.24	0.1	6	18	26	2.00	0.07	8	0.35	672	2	0.03	11	336	9	1	1	0.02	41	0.08	23	1	93
S	L1800S 1500E	5	0.1	1.27	6	168	1	1	0.24	0.1	5	14	26	1.51	0.05	4	0.24	661	4	0.02	8	469	12	4	1	0.02	45	0.07	18	2	84
S	L1800S 1525E	5	0.3	1.25	8	177	1	1	0.25	0.1	3	16	27	1.48	0.06	6	0.24	694	1	0.03	9	469	11	1	1	0.02	48	0.06	18	1	91
S	L1800S 1550E	5	0.1	1.17	13	136	1	1	0.21	0.1	3	16	22	1.47	0.06	4	0.28	380	1	0.03	8	396	15	4	1	0.02	34	0.07	18	1	90
S	L1800S 1575E	5	0.3	0.90	10	132	1	1	0.22	0.6	4	11	21	1.24	0.05	3	0.20	548	2	0.03	7	501	11	1	1	0.01	38	0.06	17	1	76

CERTIFIED BY : Rossbach

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
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Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1738
Type of Analysis: ICP

Certificate: 97080
Invoice: 50823
Date Entered: 97-07-15
File Name: TEK97080.I
Page No.: 9

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	L1800S 1600E	5	0.3	1.46	13	195	1	1	0.22	0.1	5	22	32	1.65	0.07	8	0.32	357	1	0.03	12	724	6	5	1	0.02	30	0.07	20	1	80
S	L1900S 000E	5	0.4	1.78	12	179	1	1	0.23	0.5	5	25	40	1.86	0.06	9	0.32	366	2	0.03	18	917	16	6	1	0.01	23	0.09	23	1	85
S	L1900S 025E	5	0.1	1.61	14	209	1	1	0.21	0.1	4	21	32	1.63	0.05	8	0.27	485	1	0.03	14	857	10	6	1	0.01	24	0.08	20	1	89
S	L1900S 050E	5	0.1	1.36	7	113	1	1	0.29	0.1	6	16	30	1.35	0.06	2	0.21	331	1	0.03	14	427	6	1	1	0.01	27	0.07	16	1	74
S	L1900S 075E	5	0.1	1.59	12	189	1	1	0.25	0.7	4	22	44	1.78	0.07	7	0.32	477	3	0.03	25	620	10	1	1	0.01	27	0.08	20	6	123
S	L1900S 100E	5	0.3	2.05	31	216	1	1	0.18	0.1	7	30	42	2.14	0.08	7	0.39	422	1	0.03	29	1091	15	1	1	0.02	20	0.10	24	1	120
S	L1900S 125E	5	0.3	1.57	14	209	1	1	0.21	0.1	5	22	34	1.74	0.06	6	0.30	575	3	0.03	19	603	16	1	1	0.01	22	0.08	21	1	102
S	L1900S 150E	5	0.3	1.80	23	210	1	1	0.28	0.1	4	24	40	1.89	0.06	11	0.34	535	1	0.03	22	548	11	1	1	0.02	26	0.09	25	2	85
S	L1900S 175E	5	0.1	1.97	26	172	1	1	0.20	0.1	5	24	52	1.93	0.08	9	0.34	443	2	0.03	24	523	4	5	1	0.01	24	0.09	24	1	104
S	L1900S 200E	5	0.1	1.63	22	232	1	1	0.30	0.1	5	23	39	1.81	0.08	8	0.30	651	1	0.03	23	871	12	4	1	0.01	31	0.08	22	1	119
S	L1900S 225E	5	0.7	1.71	30	215	1	1	0.25	0.1	5	25	48	1.99	0.09	11	0.35	646	4	0.03	22	584	8	1	1	0.02	23	0.09	23	1	98
S	L1900S 250E	5	0.1	1.09	5	232	1	1	0.35	0.5	5	19	32	1.52	0.08	6	0.26	614	3	0.03	16	869	12	4	1	0.02	32	0.06	20	2	85
S	L1900S 275E	5	0.2	1.43	16	187	1	1	0.26	0.8	5	25	42	1.73	0.08	10	0.30	455	2	0.03	17	717	12	1	1	0.01	24	0.07	20	1	82
S	L1900S 300E	5	0.4	1.33	23	223	1	1	0.26	0.1	5	22	35	1.65	0.07	9	0.28	534	1	0.03	18	1119	14	4	1	0.01	25	0.07	21	1	81
S	L1900S 325E	5	0.3	1.54	18	166	1	1	0.23	0.1	6	28	38	1.88	0.08	9	0.34	458	5	0.03	19	754	11	4	1	0.01	24	0.08	23	1	86
S	L1900S 350E	5	0.1	1.54	15	172	1	1	0.24	0.1	5	23	45	1.81	0.08	11	0.31	469	1	0.03	18	872	8	1	1	0.01	27	0.08	21	1	80
S	L1900S 375E	5	0.1	1.66	18	214	1	1	0.32	0.1	5	27	41	2.05	0.09	13	0.36	580	2	0.03	17	851	16	2	1	0.02	31	0.08	25	1	93
S	L1900S 400E	10	0.1	1.77	18	186	1	1	0.33	0.1	5	29	42	2.18	0.09	12	0.38	493	2	0.03	18	544	16	1	1	0.01	30	0.09	25	1	96
S	L1900S 425E	5	0.2	1.71	21	115	1	1	0.32	0.8	7	33	32	2.41	0.10	14	0.41	390	2	0.02	18	359	20	1	1	0.01	26	0.10	30	3	82
S	L1900S 450E	5	0.1	1.59	9	166	1	1	0.28	0.1	5	26	28	1.99	0.09	8	0.29	480	2	0.02	16	379	17	2	1	0.01	27	0.08	23	1	116
S	L1900S 475E	5	0.1	1.89	35	146	1	1	0.32	0.1	6	29	36	2.26	0.07	15	0.37	432	3	0.02	18	512	22	5	1	0.01	28	0.10	27	6	108
S	L1900S 500E	5	0.1	2.05	18	138	1	1	0.27	0.8	5	23	32	2.27	0.06	20	0.34	472	1	0.02	17	898	22	1	1	0.01	24	0.10	25	3	101
S	L1900S 525E	5	0.4	1.25	21	115	1	1	0.24	0.1	5	20	26	1.76	0.07	5	0.29	342	1	0.02	10	90	6	2	1	0.01	16	0.06	21	3	71
S	L1900S 550E	5	0.4	2.23	20	146	1	1	0.41	0.1	11	30	42	3.16	0.09	12	0.45	1014	2	0.03	20	436	17	5	1	0.01	20	0.10	36	4	107
S	L1900S 575E	missing																													
S	L1900S 600E	5	0.7	2.00	15	167	1	1	0.44	0.6	10	28	60	2.85	0.08	9	0.60	513	3	0.03	16	303	23	6	1	0.02	33	0.09	34	2	134
S	L1900S 625E	5	0.5	2.01	20	127	1	1	0.26	0.1	7	20	35	2.11	0.07	10	0.43	437	2	0.03	13	441	17	1	1	0.01	20	0.10	26	1	83
S	L1900S 650E	5	0.7	1.71	15	173	1	1	0.27	0.6	6	19	30	1.86	0.06	6	0.35	696	3	0.03	13	796	13	5	1	0.01	27	0.08	24	1	86
S	L1900S 675E	missing																													
S	L1900S 700E	missing																													
S	L1900S 725E	5	0.1	1.80	16	176	1	1	0.27	0.9	6	23	33	1.96	0.06	7	0.35	718	1	0.03	15	670	12	5	1	0.02	29	0.09	26	3	173
S	L1900S 750E	15	0.3	2.70	10	164	1	1	0.36	0.5	7	315	34	2.50	0.07	9	0.65	618	4	0.05	41	670	15	4	1	0.02	43	0.12	33	1	135
S	L1900S 775E	25	0.1	2.58	19	168	1	1	0.49	0.1	10	46	62	4.27	0.08	12	0.58	732	4	0.03	31	153	23	6	1	0.02	30	0.12	37	1	82
S	L1900S 800E	missing																													
S	L1900S 825E	40	0.1	2.86	33	168	1	1	0.38	0.1	13	46	140	4.84	0.10	15	0.54	727	5	0.03	37	348	12	1	1	0.02	35	0.12	41	1	97
S	L1900S 850E	30	0.4	2.58	12	122	1	1	0.39	0.1	8	26	49	3.22	0.10	14	0.48	773	1	0.02	14	291	18	1	1	0.02	36	0.11	38	1	106
S	L1900S 875E	10	0.1	1.76	11	130	1	1	0.34	0.1	7	28	36	2.42	0.08	8	0.44	536	2	0.03	16	564	22	1	1	0.02	35	0.09	30	2	107
S	L1900S 900E	10	0.1	1.81	10	137	1	1	0.37	0.1	7	21	34	2.28	0.07	8	0.41	636	1	0.03	13	546	15	2	1	0.02	38	0.09	27	1	104
S	L1900S 925E	5	0.6	1.94	15	147	1	1	0.30	0.1	7	18	36	2.20	0.08	9	0.40	577	3	0.03	13	590	18	1	1	0.01	34	0.09	26	1	141
S	L1900S 950E	5	0.1	2.16	15	132	1	2	0.28	0.5	7	19	39	2.54	0.07	9	0.44	696	2	0.03	14	589	5	6	1	0.01	37	0.10	29	1	185

CERTIFIED BY:

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
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To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1738
Type of Analysis: ICP

Certificate: 97080
Invoice: 50823
Date Entered: 97-07-15
File Name: TEK97080.I
Page No.: 10

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	L1900S 975E	15	0.1	2.22	9	126	1	1	0.30	0.7	7	23	36	2.82	0.09	8	0.50	579	1	0.02	13	572	12	5	1	0.02	39	0.10	34	1	158
S	L1900S 1000E	5	0.5	1.91	11	129	1	1	0.33	0.1	8	26	32	2.43	0.07	11	0.39	608	3	0.03	13	576	18	1	1	0.01	37	0.09	28	1	128
S	L1900S 1025E	5	0.7	1.92	18	127	1	1	0.38	0.1	8	18	38	2.34	0.07	9	0.36	684	1	0.02	13	788	10	1	1	0.02	37	0.09	27	1	110
S	L1900S 1050E	5	0.1	1.92	15	123	1	1	0.32	0.1	6	15	36	2.10	0.07	8	0.32	644	2	0.03	10	628	11	3	1	0.02	36	0.09	25	1	97
S	L1900S 1075E	5	0.4	1.88	20	78	1	1	0.34	0.1	6	18	38	2.06	0.06	11	0.35	364	2	0.03	11	397	19	1	1	0.01	27	0.09	23	6	112
S	L1900S 1100E	5	0.1	2.02	17	76	1	1	0.55	0.5	6	17	33	2.22	0.07	12	0.37	465	2	0.03	11	501	19	1	1	0.01	35	0.10	24	1	151
S	L1900S 1125E	5	0.4	2.14	9	104	1	1	0.43	0.1	6	18	36	2.33	0.07	16	0.38	351	3	0.03	13	339	18	4	1	0.02	35	0.10	24	3	122
S	L1900S 1150E	5	0.1	1.88	11	90	1	1	0.32	0.1	7	17	38	2.03	0.08	12	0.33	262	4	0.03	10	89	13	1	1	0.01	30	0.09	23	1	84
S	L1900S 1175E	5	0.1	1.40	15	62	1	1	0.19	0.6	6	13	26	1.54	0.06	8	0.22	263	3	0.03	7	293	12	1	1	0.01	22	0.07	18	1	104
S	L1900S 1200E	5	0.2	1.55	9	63	1	1	0.27	0.1	6	15	32	1.76	0.06	9	0.29	223	2	0.03	11	255	13	3	1	0.01	38	0.08	21	1	110
S	L1900S 1225E	5	0.3	1.91	12	119	1	1	0.27	0.1	6	17	32	2.23	0.07	9	0.31	470	3	0.03	12	944	12	8	1	0.02	64	0.09	24	1	108
S	L1900S 1250E	5	0.1	1.88	20	111	1	1	0.24	0.8	6	23	32	2.26	0.07	12	0.34	382	3	0.03	11	777	10	5	1	0.01	44	0.09	26	1	112
S	L1900S 1275E	20	0.7	1.62	6	81	1	2	0.30	0.5	7	23	28	2.36	0.09	16	0.34	368	3	0.02	12	425	19	1	1	0.02	46	0.10	28	1	87
S	L1900S 1300E	10	0.1	1.88	11	113	1	1	0.27	0.1	8	20	32	2.52	0.09	13	0.30	290	2	0.02	11	401	17	1	1	0.02	44	0.09	27	1	79
S	L1900S 1325E	5	0.4	2.14	19	149	1	1	0.48	0.1	8	22	29	2.55	0.10	19	0.38	319	3	0.02	12	450	25	8	1	0.02	78	0.10	26	1	85
S	L1900S 1350E	15	0.1	1.30	20	103	1	1	0.30	0.6	5	19	26	2.14	0.10	13	0.29	412	1	0.02	10	383	14	2	1	0.02	49	0.08	25	1	71
S	L1900S 1375E	20	1.2	1.55	11	107	1	1	0.24	0.1	6	20	26	2.17	0.10	16	0.31	300	1	0.02	12	335	15	1	1	0.02	38	0.09	25	1	79
S	L1900S 1400E	5	0.1	1.73	16	132	1	1	0.29	0.7	6	18	28	2.17	0.09	15	0.30	446	3	0.02	10	223	23	1	1	0.01	60	0.09	26	1	80
S	L1900S 1425E	5	0.4	1.39	6	111	1	1	0.22	0.6	5	17	28	1.87	0.08	12	0.26	315	3	0.02	9	346	14	1	1	0.02	36	0.08	23	1	74
S	L1900S 1450E	5	0.1	1.65	10	114	1	2	0.20	0.1	6	20	28	2.16	0.07	17	0.31	351	3	0.02	10	686	14	1	1	0.02	31	0.09	24	4	70
S	L1900S 1475E	5	0.1	1.45	7	164	1	1	0.23	0.1	5	17	27	1.65	0.07	10	0.24	355	4	0.03	11	563	10	1	1	0.01	34	0.07	19	1	92
S	L1900S 1500E	5	0.1	1.37	11	144	1	1	0.24	0.1	5	16	22	1.72	0.07	10	0.25	483	3	0.03	9	685	14	1	1	0.01	42	0.07	23	1	80
S	L1900S 1525E	5	0.1	1.36	9	141	1	1	0.35	0.5	6	21	26	2.01	0.06	16	0.29	297	4	0.03	9	717	13	1	1	0.02	65	0.08	24	1	90
S	L1900S 1550E	5	0.1	1.85	23	144	1	2	0.23	0.5	6	18	32	1.66	0.05	16	0.22	554	1	0.03	10	1037	6	3	1	0.02	57	0.08	16	1	82
S	L1900S 1575E	5	0.2	2.68	9	87	1	1	0.43	0.8	6	21	34	1.98	0.06	25	0.27	341	1	0.04	14	243	23	4	1	0.01	139	0.12	22	1	68
S	L1900S 1600E	5	0.1	1.60	12	124	1	2	0.32	0.7	6	18	32	1.95	0.08	19	0.29	320	4	0.03	10	579	14	1	1	0.01	48	0.08	24	1	90
S	L2000S 400E	5	0.1	1.78	50	226	1	2	0.33	0.8	8	42	48	2.81	0.13	14	0.52	741	2	0.02	28	366	16	3	1	0.02	34	0.10	33	1	104
S	L2000S 425E	5	0.1	2.07	137	150	1	1	0.33	0.1	8	40	42	2.88	0.08	13	0.45	840	3	0.03	37	303	24	5	1	0.01	27	0.09	29	3	110
S	L2000S 450E	5	0.1	1.69	32	109	1	1	0.31	0.8	6	38	30	2.41	0.09	12	0.38	547	1	0.03	22	294	22	1	1	0.02	27	0.09	27	9	106
S	L2000S 475E	5	0.1	1.81	23	194	1	1	0.20	0.1	5	24	30	1.94	0.07	12	0.31	659	2	0.02	16	598	19	1	1	0.01	26	0.09	21	9	93
S	L2000S 500E	5	0.2	1.57	24	225	1	1	0.24	0.1	6	26	28	1.80	0.08	11	0.29	679	2	0.02	14	550	14	2	1	0.01	24	0.08	22	3	98
S	L2000S 525E	5	0.2	2.15	20	364	1	1	0.32	0.1	7	24	38	2.59	0.08	16	0.33	712	3	0.03	16	1017	26	1	1	0.02	39	0.11	26	8	150
S	L2000S 550E	5	0.2	2.12	33	174	1	1	0.23	1.6	6	23	32	2.30	0.08	17	0.30	536	3	0.02	15	539	8	7	1	0.02	22	0.10	25	1	114
S	L2000S 575E	5	0.4	1.71	29	105	1	1	0.33	0.5	7	21	31	2.24	0.05	7	0.32	636	2	0.02	22	221	23	6	1	0.02	15	0.09	27	8	111
S	L2000S 600E	5	0.5	1.70	16	171	1	1	0.30	0.6	6	17	34	1.60	0.07	11	0.27	671	3	0.03	11	455	10	1	1	0.01	24	0.08	22	1	70
S	L2000S 625E	30	0.1	2.23	20	180	1	1	0.68	0.1	14	25	49	3.28	0.08	8	0.58	1183	1	0.03	17	629	24	1	1	0.01	49	0.11	41	1	110
S	L2000S 650E	10	0.1	1.92	13	166	1	1	0.31	2.0	6	20	29	1.97	0.07	7	0.35	875	4	0.02	12	492	16	1	1	0.01	25	0.09	27	1	75
S	L2000S 675E	5	0.2	1.79	19	146	1	2	0.31	0.7	6	22	28	1.83	0.07	8	0.34	508	1	0.03	13	331	14	1	1	0.02	23	0.09	25	1	75
S	L2000S 700E	5	0.4	1.79	7	178	1	1	0.34	0.1	7	19	32	1.81	0.07	9	0.32	916	3	0.03	11	688	17	3	1	0.01	30	0.08	24	1	72
S	L2000S 725E	5	0.2	2.59	13	158	1	1	0.28	0.9	9	34	42	2.97	0.09	14	0.64	575	1	0.03	20	363	15	1	1	0.02	28	0.13	38	4	88

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ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
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Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1738
Type of Analysis: ICP

Certificate: 97080
Invoice: 50823
Date Entered: 97-07-15
File Name: TEK97080.I
Page No.: 11

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	L2000S 750E	5	0.6	3.01	32	139	1	1	0.30	0.1	9	33	38	2.70	0.07	13	0.56	731	2	0.03	24	661	18	1	1	0.01	26	0.12	34	1	100
S	L2000S 775E	missing																													
S	L2000S 800E	5	0.4	3.09	29	132	1	2	0.37	0.1	12	48	46	3.19	0.09	11	0.71	655	2	0.03	38	464	21	1	1	0.01	37	0.12	37	1	112
S	L2000S 825E	missing																													
S	L2000S 850E	25	0.2	2.29	5	246	1	1	0.46	1.0	8	28	42	2.64	0.13	11	0.51	1084	6	0.03	18	649	22	1	1	0.02	43	0.10	30	1	193
S	L2000S 875E	10	0.3	1.91	11	154	1	1	0.31	0.9	8	21	40	2.14	0.09	13	0.39	541	3	0.03	15	616	14	3	1	0.01	30	0.09	25	1	128
S	L2000S 900E	5	0.5	1.62	12	164	1	1	0.34	0.5	6	17	38	2.12	0.10	10	0.35	633	3	0.03	12	860	13	5	1	0.01	38	0.08	23	1	170
S	L2000S 925E	5	0.6	1.75	16	137	1	1	0.29	0.9	7	38	32	2.38	0.11	10	0.42	602	4	0.03	12	311	10	6	1	0.01	37	0.09	28	1	131
S	L2000S 950E	5	0.2	1.93	9	125	1	2	0.36	0.7	8	26	38	3.04	0.13	15	0.49	734	4	0.03	16	407	14	6	1	0.01	38	0.09	36	1	98
S	L2000S 975E	10	0.4	2.13	8	150	1	2	0.38	0.7	9	24	37	2.76	0.11	12	0.45	1002	2	0.03	12	516	17	1	1	0.01	38	0.09	32	1	110
S	L2000S 1000E	10	0.2	2.02	26	207	1	1	0.57	0.1	12	17	37	2.34	0.08	7	0.35	1584	5	0.03	9	986	19	1	1	0.02	59	0.07	27	1	111
S	L2000S 1025E	5	0.2	1.39	21	110	1	1	0.27	1.0	6	20	28	2.30	0.12	15	0.35	403	4	0.02	10	262	18	1	1	0.01	28	0.08	27	1	93
S	L2000S 1050E	10	0.1	1.34	18	113	1	1	0.31	0.1	5	18	37	2.09	0.09	12	0.30	466	3	0.03	10	263	25	3	1	0.02	30	0.08	26	1	86
S	L2000S 1075E	5	0.1	1.48	1	164	1	1	0.24	0.6	6	15	28	1.99	0.08	12	0.28	538	3	0.02	9	405	19	1	1	0.01	33	0.07	23	1	96
S	L2000S 1100E	5	0.6	1.82	23	176	1	1	0.23	0.7	8	21	32	2.32	0.08	16	0.35	654	4	0.02	12	608	12	5	1	0.01	29	0.08	28	1	102
S	L2000S 1125E	5	0.1	1.43	0	141	1	1	0.32	0.1	6	16	29	1.72	0.08	12	0.27	479	5	0.03	11	720	18	1	1	0.01	32	0.07	20	1	81
S	L2000S 1150E	5	0.3	1.83	17	123	1	1	0.32	0.1	7	17	30	1.89	0.09	12	0.33	391	4	0.03	11	130	16	1	1	0.01	34	0.09	24	1	79
S	L2000S 1175E	5	0.3	1.54	17	93	1	3	0.36	0.1	5	18	34	1.86	0.09	11	0.30	378	1	0.03	12	205	9	1	1	0.01	28	0.08	22	1	77
S	L2000S 1200E	20	0.2	1.63	10	91	1	2	0.32	0.6	6	19	35	2.01	0.08	16	0.30	365	3	0.03	11	324	13	1	1	0.01	33	0.08	24	1	97
S	L2000S 1225E	10	0.1	1.65	14	72	1	2	0.31	0.1	6	21	30	2.38	0.10	11	0.40	305	3	0.03	12	193	7	3	1	0.01	35	0.10	29	1	149
S	L2000S 1250E	10	0.6	1.64	5	101	1	2	0.21	0.5	7	18	32	1.76	0.07	10	0.29	521	2	0.03	12	347	14	1	1	0.01	38	0.08	21	1	94
S	L2000S 1275E	10	0.2	2.10	25	90	1	3	0.36	0.8	8	23	34	2.45	0.09	13	0.42	354	4	0.03	15	390	25	3	1	0.01	61	0.11	28	1	117
S	L2000S 1300E	5	0.1	2.14	27	152	1	1	0.28	1.2	7	18	31	1.96	0.08	10	0.29	469	3	0.03	11	454	17	4	1	0.01	63	0.09	24	1	105
S	L2000S 1325E	5	0.4	2.41	12	140	1	1	0.23	0.1	7	19	32	2.55	0.08	15	0.34	343	4	0.02	12	605	22	5	1	0.01	44	0.10	27	1	86
S	L2000S 1350E	5	0.3	1.74	10	126	1	2	0.28	0.1	8	21	33	2.07	0.08	14	0.31	509	2	0.02	10	662	18	4	1	0.01	42	0.08	25	1	70
S	L2000S 1375E	5	0.1	1.90	28	139	1	1	0.23	0.7	6	20	30	2.25	0.07	15	0.35	514	2	0.03	12	575	22	4	1	0.01	33	0.09	28	1	82
S	L2000S 1400E	20	0.1	2.10	21	120	1	1	0.24	0.1	7	20	30	2.36	0.07	16	0.36	432	3	0.02	12	846	25	1	1	0.01	37	0.09	28	1	87
S	L2000S 1425E	5	0.1	1.80	13	142	1	1	0.27	1.1	6	19	28	2.06	0.07	20	0.31	353	3	0.03	11	323	18	1	1	0.01	50	0.09	27	1	75
S	L2000S 1450E	20	0.4	1.50	17	148	1	1	0.24	0.1	7	22	28	2.18	0.08	19	0.28	343	3	0.02	11	371	24	2	1	0.01	43	0.08	26	1	76
S	L2000S 1475E	10	0.3	1.47	14	152	1	1	0.29	0.5	6	20	30	2.09	0.09	21	0.28	403	2	0.02	11	829	15	1	1	0.01	44	0.08	25	1	94
S	L2000S 1500E	15	0.1	1.51	27	134	1	2	0.22	0.1	6	21	29	1.78	0.07	20	0.24	478	2	0.03	11	874	12	6	1	0.01	33	0.08	23	5	77
S	L2000S 1525E	5	0.1	1.59	12	178	1	2	0.24	0.1	7	21	32	1.99	0.07	24	0.27	578	2	0.03	13	883	21	1	1	0.02	40	0.08	25	1	85
S	L2000S 1550E	5	0.1	1.70	8	127	1	1	0.30	0.1	6	16	32	1.66	0.07	14	0.22	445	3	0.03	8	740	16	4	1	0.01	63	0.08	19	6	79
S	L2000S 1575E	5	0.1	1.97	19	132	1	2	0.29	0.1	7	22	32	2.11	0.08	20	0.31	478	5	0.03	11	899	14	1	1	0.02	53	0.10	25	3	98
S	L2000S 1600E	5	0.1	1.97	9	127	1	3	0.25	0.1	7	27	32	2.43	0.09	19	0.36	317	3	0.03	15	572	20	1	1	0.01	35	0.10	30	1	88
S	L2100S 1100E	5	0.1	1.90	30	114	1	3	0.33	0.5	8	27	36	2.95	0.14	16	0.47	509	4	0.03	14	316	12	1	1	0.02	32	0.10	34	1	08
S	L2100S 1125E	5	0.3	1.87	33	144	1	3	0.35	0.1	8	30	35	2.72	0.12	16	0.38	662	1	0.03	15	445	20	1	1	0.01	32	0.09	30	1	97
S	L2100S 1150E	5	0.5	2.12	5	130	1	3	0.38	0.9	10	33	38	2.85	0.11	16	0.44	740	2	0.03	19	471	22	3	1	0.02	35	0.10	36	1	101
S	L2100S 1175E	5	0.2	1.61	25	127	1	1	0.27	0.1	9	32	34	2.39	0.10	13	0.35	565	4	0.03	16	316	26	5	1	0.02	25	0.09	29	1	101
S	L2100S 1200E	10	0.1	1.68	23	147	1	2	0.26	0.5	7	19	37	2.24	0.08	13	0.29	517	2	0.03	11	694	8	1	1	0.01	29	0.09	25	6	85

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CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
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To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1738
Type of Analysis: ICP

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Page No.: 12

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	L2100S 1225E	5	0.3	1.73	13	142	1	1	0.37	0.1	8	23	37	2.24	0.08	12	0.32	542	2	0.03	13	1072	23	4	1	0.01	36	0.09	24	1	99
S	L2100S 1250E	15	0.2	1.92	9	98	1	3	0.37	0.6	8	24	39	2.32	0.08	12	0.34	294	3	0.04	14	268	14	1	1	0.01	31	0.10	24	6	73
S	L2100S 1275E	5	0.1	1.90	22	115	1	2	0.29	0.6	8	21	35	2.08	0.07	13	0.30	419	6	0.03	13	474	17	1	1	0.01	48	0.09	25	1	110
S	L2100S 1300E	5	0.1	1.83	18	125	1	1	0.25	0.6	8	29	35	2.50	0.08	13	0.36	421	2	0.03	14	546	22	3	1	0.01	47	0.09	27	5	101
S	L2100S 1325E	5	0.1	1.87	14	155	1	1	0.27	0.1	7	21	29	2.19	0.08	24	0.30	662	3	0.03	12	882	22	1	1	0.01	50	0.09	25	1	108
S	L2100S 1350E	5	0.1	1.57	15	128	1	2	0.27	0.6	6	22	28	2.17	0.10	15	0.33	417	2	0.03	10	246	20	3	1	0.01	37	0.09	25	1	83
S	L2100S 1375E	5	0.1	1.89	9	126	1	1	0.24	0.5	5	27	32	2.24	0.08	26	0.35	423	3	0.03	16	754	21	6	1	0.01	34	0.09	27	3	89
S	L2100S 1400E	5	0.1	1.64	17	171	1	2	0.27	0.5	7	24	32	2.05	0.09	17	0.31	546	2	0.03	12	695	17	1	1	0.02	48	0.08	25	1	06
S	L2100S 1425E	5	0.1	1.96	19	154	1	3	0.28	0.6	8	27	35	2.39	0.10	22	0.37	459	4	0.03	14	525	20	1	1	0.02	50	0.10	28	1	87
S	L2100S 1450E	15	0.3	1.57	14	116	1	3	0.27	0.1	8	25	32	2.32	0.09	14	0.36	393	2	0.03	16	472	19	1	1	0.01	45	0.09	28	1	72
S	L2100S 1475E	5	0.1	1.46	20	140	1	2	0.28	0.1	6	22	31	1.84	0.08	14	0.26	388	2	0.03	10	544	16	1	1	0.01	51	0.08	24	1	88
S	L2100S 1500E	5	0.1	1.34	19	125	1	3	0.25	0.1	7	24	28	2.06	0.08	18	0.28	395	2	0.02	11	497	16	4	1	0.02	41	0.08	27	1	82
S	L2100S 1525E	5	0.1	1.81	7	133	1	1	0.29	0.1	8	28	31	2.47	0.09	18	0.37	357	3	0.03	15	396	16	1	1	0.01	50	0.10	28	1	93
S	L2100S 1550E	5	0.1	2.09	22	138	1	1	0.27	0.6	7	24	30	2.24	0.09	16	0.32	351	2	0.03	13	554	21	1	1	0.02	57	0.11	29	1	92
S	L2100S 1575E	5	0.1	2.12	15	150	1	2	0.30	0.1	7	25	31	2.33	0.09	19	0.31	395	2	0.03	11	640	28	1	1	0.01	56	0.10	28	1	86
S	L2100S 1600E	5	0.1	1.37	9	165	1	3	0.32	0.9	6	25	30	1.92	0.09	13	0.26	488	2	0.03	12	587	17	1	1	0.01	55	0.08	25	4	87
S	L2200S 1100E	25	0.1	1.72	19	129	1	3	0.36	0.9	8	30	38	2.86	0.11	14	0.53	689	3	0.03	15	269	26	1	1	0.01	34	0.09	38	1	85
S	L2200S 1125E	10	0.1	1.74	22	145	1	3	0.34	0.6	9	25	36	2.82	0.12	16	0.40	889	2	0.03	11	493	21	1	1	0.02	35	0.09	32	2	81
S	L2200S 1150E	10	0.3	1.56	19	128	1	1	0.32	0.1	8	26	34	2.40	0.11	15	0.40	703	4	0.03	11	446	14	1	1	0.01	34	0.09	30	2	77
S	L2200S 1175E	5	0.1	1.63	19	140	1	2	0.35	0.1	8	24	36	2.25	0.09	11	0.39	671	2	0.04	12	473	4	4	1	0.01	34	0.09	28	2	78
S	L2200S 1200E	5	0.1	1.75	25	119	1	1	0.35	0.7	8	23	40	2.26	0.08	12	0.37	542	1	0.03	14	661	12	4	1	0.01	33	0.09	26	5	76
S	L2200S 1225E	5	0.1	1.69	11	135	1	2	0.39	1.3	9	24	37	2.59	0.10	14	0.37	593	4	0.03	10	581	23	4	1	0.02	38	0.09	29	1	87
S	L2200S 1250E	5	0.1	1.41	15	130	1	2	0.25	0.8	8	24	32	2.04	0.10	14	0.29	543	1	0.03	12	645	12	1	1	0.02	31	0.08	24	1	71
S	L2200S 1275E	5	0.2	1.85	10	79	1	2	0.53	0.1	7	26	30	2.18	0.07	20	0.34	449	2	0.04	13	261	14	3	1	0.01	48	0.10	24	1	61
S	L2200S 1300E	5	0.1	1.67	9	95	1	3	0.35	0.6	9	25	35	2.31	0.11	11	0.36	373	2	0.04	15	515	19	1	1	0.01	43	0.10	27	2	84
S	L2200S 1325E	5	0.1	1.28	1	125	1	1	0.25	1.7	8	26	29	1.90	0.08	9	0.27	516	1	0.03	11	543	17	1	1	0.01	43	0.08	23	3	93
S	L2200S 1350E	5	0.1	1.66	33	125	1	2	0.25	0.6	7	22	34	1.92	0.08	10	0.29	458	2	0.03	11	1008	11	1	1	0.01	47	0.08	23	3	84
S	L2200S 1375E	5	0.1	1.91	12	131	1	2	0.26	0.8	6	22	30	1.92	0.08	18	0.30	416	1	0.03	12	644	15	1	1	0.02	55	0.09	24	1	79
S	L2200S 1400E	5	0.3	1.36	13	142	1	1	0.21	0.9	6	16	18	1.68	0.10	18	0.23	538	3	0.03	10	866	12	2	1	0.02	40	0.10	31	1	72
S	L2200S 1425E	10	0.1	1.66	17	155	1	1	0.24	0.1	8	24	26	2.19	0.11	16	0.31	602	1	0.03	14	1103	9	1	1	0.02	46	0.12	41	1	83
S	L2200S 1450E	15	0.1	1.46	11	132	1	1	0.24	0.1	7	19	22	1.83	0.10	15	0.26	596	1	0.03	11	696	11	1	1	0.02	45	0.10	33	1	69
S	L2200S 1475E	5	0.1	1.60	11	118	1	1	0.24	0.1	7	18	20	1.89	0.09	32	0.22	571	1	0.02	10	1248	14	1	1	0.02	40	0.11	35	1	69
S	L2200S 1500E	5	0.1	1.18	7	168	1	1	0.32	0.7	4	15	18	1.65	0.09	17	0.19	903	1	0.02	7	1431	9	1	1	0.02	77	0.09	28	1	85
S	L2200S 1525E	10	0.2	2.17	14	90	1	1	0.45	0.6	6	19	36	1.96	0.06	28	0.28	726	1	0.04	11	245	6	1	1	0.02	119	0.14	31	1	57
S	L2200S 1550E	5	0.3	1.56	10	129	1	1	0.23	0.6	6	17	24	1.88	0.09	20	0.23	541	1	0.03	10	1422	10	4	1	0.02	55	0.10	34	1	65
S	L2200S 1375E	5	0.2	1.42	3	116	1	1	0.22	0.1	7	19	18	1.89	0.08	19	0.22	476	1	0.02	10	567	9	3	1	0.02	45	0.10	35	1	68
S	L2200S 1600E	5	0.1	1.38	1	116	1	1	0.24	0.1	6	17	18	1.78	0.08	19	0.21	445	1	0.02	9	761	13	1	1	0.02	41	0.09	33	1	69
S	L2300S 1100E	5	0.1	1.48	1	141	1	1	0.25	0.9	8	19	20	1.91	0.14	20	0.25	759	2	0.02	11	819	9	1	1	0.02	34	0.10	33	1	68
S	L2300S 1125E	5	0.2	1.65	8	164	1	1	0.36	0.1	9	24	26	2.39	0.17	31	0.32	804	1	0.03	13	873	12	1	1	0.02	45	0.12	44	1	90
S	L2300S 1150E	5	0.4	1.74	11	122	1	1	0.36	0.1	11	20	24	2.52	0.17	19	0.34	940	2	0.03	12	756	10	1	1	0.02	43	0.12	44	1	83

CERTIFIED BY : Rossbach

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

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To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1738
Type of Analysis: ICP

Certificate: 97080
Invoice: 50823
Date Entered: 97-07-15
File Name: TEK97080.I
Page No.: 13

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	L2300S 1175E	5	0.1	2.12	11	144	1	1	0.39	1.1	20	23	36	3.52	0.11	11	0.41	2082	2	0.03	25	1032	11	1	1	0.02	44	0.13	56	1	145
S	L2300S 1200E	5	0.1	1.68	14	113	1	1	0.31	0.7	11	20	36	2.44	0.10	9	0.31	1065	2	0.03	16	1041	6	1	1	0.02	35	0.12	39	1	96
S	L2300S 1225E	5	0.2	1.86	12	101	1	1	0.40	0.8	8	19	28	2.12	0.10	16	0.30	664	3	0.03	13	599	12	1	1	0.02	37	0.12	34	1	67
S	L2300S 1250E	5	0.1	1.76	5	116	1	1	0.30	0.1	7	19	22	2.02	0.11	15	0.27	531	1	0.03	12	761	9	1	1	0.02	35	0.12	35	1	71
S	L2300S 1275E	5	0.6	1.98	7	91	1	1	0.33	0.1	7	17	26	1.94	0.11	19	0.23	474	1	0.03	10	270	4	1	1	0.02	36	0.12	31	1	64
S	L2300S 1300E	5	0.3	1.53	19	95	1	1	0.34	0.1	8	20	22	2.09	0.10	14	0.27	534	1	0.03	10	698	10	1	1	0.02	51	0.11	37	1	73
S	L2300S 1325E	5	0.1	1.79	7	105	1	1	0.19	0.1	7	19	26	2.01	0.08	15	0.24	532	2	0.03	12	544	9	1	1	0.02	29	0.12	34	1	83
S	L2300S 1350E	5	0.1	1.39	18	127	1	1	0.32	0.1	7	20	22	1.98	0.11	13	0.27	584	1	0.03	12	927	8	1	1	0.02	51	0.10	36	1	06
S	L2300S 1375E	5	0.1	1.68	10	132	1	1	0.32	0.1	8	22	21	2.26	0.11	12	0.31	530	1	0.03	14	903	10	1	1	0.02	59	0.12	41	1	90
S	L2300S 1400E	5	0.1	1.77	9	137	1	1	0.35	0.1	9	20	20	1.99	0.14	19	0.30	484	1	0.03	13	910	15	1	1	0.02	75	0.12	34	1	67
S	L2300S 1425E	15	0.1	1.87	10	165	1	1	0.28	0.1	10	25	32	2.27	0.11	24	0.32	571	1	0.03	18	868	11	1	1	0.02	44	0.13	42	1	86
S	L2300S 1450E	5	0.4	1.57	13	154	1	1	0.20	0.5	7	25	24	2.26	0.10	14	0.29	482	2	0.02	14	1324	9	1	1	0.02	34	0.11	42	1	75
S	L2300S 1475E	10	0.5	1.36	9	108	1	1	0.27	0.6	8	21	20	2.13	0.10	17	0.25	552	1	0.02	12	860	8	1	1	0.02	36	0.10	40	1	66
S	L2300S 1500E	5	0.4	1.42	11	110	1	1	0.23	0.1	6	16	18	1.71	0.10	10	0.19	516	2	0.03	10	439	6	1	1	0.02	45	0.10	31	1	62
S	L2300S 1625E	5	0.1	1.88	5	104	1	1	0.51	0.1	8	17	45	1.83	0.07	31	0.24	715	1	0.04	10	245	7	4	1	0.02	141	0.11	28	1	51
S	L2300S 1550E	5	0.3	1.80	1	105	1	1	0.27	0.6	6	16	20	1.58	0.08	21	0.17	410	1	0.03	9	803	8	1	1	0.02	64	0.11	25	1	53
S	L2300S 1575E	5	0.1	1.44	5	160	1	1	0.31	0.1	6	18	18	1.82	0.10	15	0.25	459	1	0.03	10	795	10	1	1	0.02	59	0.11	33	1	81
S	L2300S 1600E	5	0.3	1.65	7	128	1	1	0.24	0.1	6	19	17	1.96	0.10	20	0.25	548	1	0.02	11	1058	6	1	1	0.02	42	0.11	34	6	78
S	L0000S 425W	5	0.1	1.33	1	96	1	1	0.22	0.1	7	27	20	1.89	0.10	6	0.32	662	1	0.02	15	495	8	1	1	0.02	25	0.13	40	3	69
S	L0000S 450W	5	0.1	1.43	5	156	1	1	0.24	0.6	6	19	26	1.87	0.12	7	0.27	1340	1	0.03	16	514	8	1	1	0.02	27	0.13	41	1	80
S	L0000S 475W	5	0.1	1.92	10	161	1	1	0.25	0.1	7	21	28	1.91	0.10	12	0.27	965	1	0.03	10	721	8	1	1	0.02	26	0.14	40	1	69
S	L0000S 500W	5	0.9	1.64	7	112	1	1	0.31	0.1	6	17	22	1.85	0.08	48	0.25	1445	1	0.03	9	389	15	1	1	0.02	31	0.13	36	1	85
S	L0000S 525W	5	0.1	2.31	10	177	1	1	0.20	0.1	7	31	40	2.31	0.08	13	0.37	485	1	0.02	17	1754	13	1	1	0.02	19	0.16	44	1	103
S	L0000S 550W	5	0.3	1.85	8	240	1	1	0.17	0.1	6	26	23	2.05	0.08	11	0.30	802	1	0.02	18	1864	18	1	1	0.03	22	0.15	40	1	119
S	L0000S 575W	10	0.1	2.37	14	130	1	1	0.21	0.1	8	35	45	2.29	0.09	17	0.38	361	1	0.02	19	718	11	1	1	0.02	18	0.16	49	1	61
S	L0000S 600W	70	0.1	1.96	14	190	1	1	0.19	0.7	8	25	24	1.97	0.07	6	0.26	1191	1	0.02	13	1271	12	1	1	0.03	23	0.14	36	1	163
S	L0100N 425E	5	0.1	2.11	8	208	1	1	0.20	0.7	8	21	19	2.05	0.06	15	0.35	1067	1	0.02	11	1194	23	1	1	0.02	41	0.15	34	1	92
S	L0100N 450E	10	0.1	2.52	12	125	1	1	0.15	0.1	6	16	26	2.02	0.07	11	0.22	583	1	0.02	10	872	16	1	1	0.02	28	0.16	35	1	93
S	L0100N 475E	5	0.2	1.52	12	204	1	1	0.26	0.1	7	21	24	1.68	0.07	14	0.24	603	1	0.02	9	1303	17	1	1	0.02	237	0.11	31	1	83
S	L0100N 500E	5	0.1	2.03	3	175	1	1	0.15	0.1	5	14	24	1.86	0.09	9	0.22	705	1	0.02	9	1359	17	3	1	0.03	23	0.15	29	1	123
S	L0100N 525E	5	0.1	2.99	7	129	1	1	0.16	0.1	4	9	24	1.52	0.06	6	0.12	475	1	0.03	8	1137	11	1	1	0.02	33	0.17	23	1	83
S	L0100N 550E	5	0.1	3.06	1	126	1	1	0.17	0.1	4	11	22	1.57	0.07	15	0.15	556	1	0.03	8	1236	16	1	1	0.02	31	0.17	27	1	69
S	L0100N 575E	5	0.1	2.13	7	170	1	1	0.21	0.1	4	11	24	1.40	0.08	6	0.14	1289	1	0.02	8	1258	14	1	1	0.02	41	0.14	23	1	110
S	L0100N 600E	5	0.6	3.17	9	133	1	1	0.27	0.1	6	14	26	1.97	0.07	26	0.23	514	1	0.03	10	1352	14	1	1	0.02	41	0.20	35	1	75
S	L0200N 425E	5	0.6	2.71	7	150	1	1	0.10	0.1	4	12	24	1.54	0.08	14	0.15	516	1	0.02	9	2182	7	1	1	0.02	29	0.15	22	1	65
S	L0200N 450E	5	0.2	2.89	3	167	1	1	0.17	0.1	3	11	24	1.51	0.07	15	0.15	561	1	0.03	9	1170	9	1	1	0.02	32	0.15	25	1	63
S	L0200N 475E	5	0.4	3.26	9	148	2	1	0.16	0.1	4	13	24	1.66	0.07	47	0.15	335	1	0.03	10	888	13	1	1	0.02	32	0.16	27	1	70
S	L0200N 500E	5	0.1	2.78	10	110	1	1	0.17	0.1	6	14	24	1.97	0.08	7	0.20	290	1	0.02	10	960	14	1	1	0.02	35	0.17	35	1	71
S	L0200N 525E	5	0.1	3.29	1	149	1	1	0.19	0.1	5	12	23	1.79	0.08	14	0.18	610	1	0.03	10	970	13	1	1	0.02	30	0.17	29	1	65
S	L0200N 550E	5	0.3	2.07	10	85	1	1	0.11	0.1	5	16	21	1.89	0.07	6	0.19	490	2	0.02	9	1346	15	1	1	0.02	16	0.15	33	1	76

CERTIFIED BY:

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

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To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1738
Type of Analysis: ICP

Certificate: 97080
Invoice: 50823
Date Entered: 97-07-15
File Name: TEK97080.I
Page No.: 14

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	L0200N 575E	5	0.1	2.18	7	124	1	1	0.13	0.1	5	18	23	1.77	0.07	23	0.23	328	1	0.02	9	513	14	3	1	0.03	26	0.13	32	1	55
S	L0200N 600E	5	0.1	2.22	2	142	1	1	0.13	0.1	4	16	22	1.71	0.07	9	0.19	273	1	0.02	11	772	18	1	1	0.02	25	0.13	28	1	59
S	L0100N 425W	5	0.1	1.53	5	190	1	1	0.33	0.7	7	21	22	1.93	0.11	10	0.32	911	1	0.03	11	1012	11	4	1	0.02	45	0.15	40	4	86
S	L0100N 450W	5	0.1	1.92	9	146	1	1	0.28	0.1	8	20	24	2.00	0.08	6	0.26	761	1	0.02	10	1034	9	1	1	0.02	39	0.15	39	6	77
S	L0100N 475W	5	0.1	1.52	17	140	1	1	0.18	0.6	6	25	24	1.82	0.09	7	0.26	845	1	0.02	13	965	8	1	1	0.02	20	0.12	38	5	75
S	L0100N 500W	5	0.1	1.39	10	170	1	1	0.20	0.1	6	25	24	1.75	0.08	2	0.25	747	1	0.02	12	1302	8	1	1	0.03	24	0.12	35	1	116
S	L0100N 525W	30	0.4	1.62	8	147	1	1	0.21	0.1	8	28	33	1.97	0.10	4	0.32	639	1	0.02	14	955	10	2	1	0.02	28	0.13	40	1	96
S	L0100N 550W	10	0.1	2.43	15	136	1	1	0.25	0.1	9	27	26	2.43	0.09	10	0.39	630	1	0.03	15	1343	13	1	1	0.02	24	0.16	49	1	84
S	L0100N 575W	5	0.1	1.87	1	139	1	1	0.25	0.1	8	30	30	2.30	0.09	4	0.37	699	1	0.02	13	1209	11	5	1	0.02	26	0.15	47	1	89
S	L0100N 600W	20	0.4	1.85	4	71	1	1	0.27	0.7	7	27	32	1.94	0.09	9	0.29	344	1	0.03	15	706	6	1	1	0.02	22	0.14	39	1	144
S	L0200N 425W	5	0.1	1.90	7	61	1	1	0.28	0.6	9	29	42	2.13	0.08	8	0.33	480	1	0.02	17	422	13	3	1	0.02	24	0.15	43	1	116
S	L0200N 450W	5	0.6	1.76	13	161	1	1	0.24	0.1	6	25	30	2.01	0.10	6	0.27	742	1	0.02	16	1807	10	1	1	0.02	27	0.13	40	2	138
S	L0200N 475W	10	0.2	2.07	6	113	1	1	0.26	0.8	8	28	32	2.00	0.09	10	0.28	541	1	0.02	15	1192	13	1	1	0.02	27	0.14	38	1	144
S	L0200N 500W	5	0.3	2.03	18	77	1	2	0.24	3.4	8	28	36	2.18	0.09	7	0.31	373	1	0.02	18	1290	14	1	1	0.02	22	0.15	41	1	645
S	L0200N 525W	5	0.3	2.88	12	54	1	1	0.45	3.7	12	26	350	2.32	0.08	30	0.33	400	1	0.03	35	460	20	9	1	0.02	34	0.19	37	1	746
S	L0200N 550W	5	0.4	1.98	1	138	1	1	0.27	0.9	10	31	40	2.61	0.11	8	0.36	544	1	0.02	15	2517	14	1	1	0.03	28	0.16	47	1	259
S	L0200N 575W	5	0.1	2.16	18	96	1	1	0.26	0.5	10	30	46	2.65	0.12	12	0.42	464	2	0.02	17	1307	16	2	1	0.03	23	0.16	54	1	147
S	L0200N 600W	5	0.3	2.44	9	100	1	1	0.20	0.1	8	25	36	2.15	0.08	11	0.29	408	1	0.02	13	1115	11	1	1	0.02	22	0.16	45	1	74
S	L0300N 025W	5	0.1	2.40	19	98	1	1	0.20	0.1	8	23	38	2.14	0.09	11	0.29	403	1	0.02	13	1050	10	1	1	0.02	22	0.15	44	1	73
S	L0300N 00W	5	0.1	2.30	7	94	1	1	0.22	0.1	8	23	46	2.08	0.09	18	0.28	386	1	0.03	13	669	7	1	1	0.02	28	0.16	41	1	70
S	L0300N 75W	5	0.1	2.23	1	115	1	1	0.30	0.1	8	28	48	2.27	0.09	16	0.34	306	1	0.02	14	745	12	1	1	0.02	29	0.16	47	1	59
S	L0300N 100W	5	0.6	2.05	12	108	1	1	0.14	0.1	7	19	26	1.93	0.08	10	0.22	752	1	0.02	11	975	11	3	1	0.02	20	0.14	37	1	70
S	L0300N 125W	5	0.1	2.00	1	134	1	1	0.19	0.1	8	27	30	2.22	0.09	12	0.30	407	1	0.02	14	1258	9	1	1	0.02	24	0.14	44	1	81
S	L0300N 150W	5	0.2	2.26	10	101	1	1	0.20	0.1	6	27	30	2.34	0.11	8	0.29	350	1	0.02	15	827	10	1	1	0.02	24	0.15	45	1	72
S	L0300N 175W	5	0.1	2.22	3	65	1	1	0.17	0.5	9	22	24	2.04	0.07	10	0.21	192	1	0.02	11	417	7	1	1	0.02	21	0.14	41	1	59
S	L0300N 200W	5	0.1	2.12	15	114	1	1	0.24	0.1	7	24	40	2.21	0.12	7	0.30	642	1	0.03	14	1416	10	1	1	0.02	26	0.14	42	1	108
S	L0300N 225W	5	0.2	2.31	1	217	1	1	0.29	0.5	8	26	46	2.37	0.12	18	0.34	355	1	0.03	16	347	11	2	1	0.02	45	0.17	43	1	133
S	L0300N 250W	5	0.3	2.26	9	79	1	1	0.37	0.1	9	33	70	2.21	0.09	40	0.35	436	1	0.03	16	673	10	1	1	0.02	37	0.17	44	1	81
S	L0300N 275W	5	0.9	2.17	10	130	1	1	0.20	0.6	8	26	28	2.15	0.10	8	0.30	625	1	0.02	14	1451	8	1	1	0.02	22	0.14	39	1	117
S	L0300N 300W	5	0.4	1.91	4	92	1	1	0.25	0.6	8	21	26	2.07	0.09	5	0.23	357	2	0.02	14	112	12	9	1	0.02	25	0.12	36	1	105
S	L0300N 325W	5	0.1	1.71	10	268	1	1	0.23	0.5	8	21	24	1.96	0.10	8	0.22	1341	1	0.02	12	2021	11	1	1	0.03	25	0.12	32	1	138
S	L0300N 350W	5	0.5	1.76	11	131	1	1	0.22	0.5	8	28	26	2.01	0.11	8	0.30	553	1	0.02	16	1129	11	1	1	0.02	23	0.14	38	1	122
S	L0300N 375W	5	0.6	1.69	9	91	1	1	0.24	0.1	9	28	36	2.03	0.10	15	0.31	492	1	0.02	16	859	17	1	1	0.02	21	0.14	43	3	86
S	L0300N 400W	5	0.1	2.24	23	129	1	1	0.16	0.1	8	26	26	2.22	0.10	9	0.27	334	1	0.03	16	739	9	4	1	0.02	16	0.16	42	1	89
S	L0300N 425W	5	0.1	2.85	1	105	1	1	0.28	0.1	7	27	38	2.28	0.11	12	0.33	375	1	0.03	15	1087	12	1	1	0.02	27	0.10	41	1	65
S	L0300N 450W	5	0.1	2.09	11	90	1	1	0.29	0.1	7	26	46	2.21	0.13	15	0.32	463	1	0.03	16	1038	9	1	1	0.02	27	0.10	42	1	93
S	L0300N 475W	5	0.1	2.50	10	145	1	1	0.32	0.1	10	28	40	2.37	0.13	17	0.35	560	1	0.03	14	1359	13	1	1	0.02	35	0.17	43	1	85
S	L0300N 500W	5	0.1	2.11	3	171	1	1	0.23	0.1	10	27	380	2.35	0.14	10	0.35	702	1	0.02	18	1471	10	1	1	0.02	26	0.16	46	1	114
S	L0300N 525W	5	0.8	2.03	9	115	1	1	0.26	0.1	9	28	32	2.29	0.10	11	0.31	587	1	0.02	15	1841	11	1	1	0.02	23	0.14	45	1	95
S	L0300N 550W	5	0.8	2.16	9	70	1	1	0.40	0.1	8	27	48	2.18	0.10	24	0.29	850	1	0.03	13	985	12	3	1	0.02	27	0.16	40	1	91

CERTIFIED BY: R Rossbach

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

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To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1738
Type of Analysis: ICP

Certificate: 97080
Invoice: 50823
Date Entered: 97-07-15
File Name: TEK97080.I
Page No.: 15

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	L0300N 575W	10	0.6	2.27	15	67	1	2	0.33	0.1	8	27	44	2.36	0.09	16	0.30	383	1	0.03	16	485	8	5	1	0.02	24	0.16	44	1	89
S	L0300N 600W	5	0.4	1.80	5	141	1	1	0.24	0.1	6	23	36	2.02	0.10	11	0.26	551	1	0.02	12	780	10	1	1	0.02	20	0.13	39	1	64
S	L0400N 025W	5	0.1	2.51	3	47	1	1	0.38	0.6	7	26	36	2.10	0.08	18	0.24	268	1	0.03	14	364	6	1	1	0.02	43	0.17	35	1	59
S	L0400N 050W	5	0.2	2.23	13	88	1	1	0.31	0.1	7	20	30	1.96	0.08	13	0.18	271	3	0.03	11	166	10	1	1	0.02	44	0.15	37	1	48
S	L0400N 075W	15	0.7	2.32	1	75	1	1	0.27	0.6	9	24	26	2.38	0.10	13	0.30	315	1	0.03	12	374	10	1	1	0.02	32	0.17	50	1	63
S	L0400N 100W	5	0.5	1.40	2	214	1	1	0.25	0.1	7	24	26	2.02	0.11	10	0.25	1415	1	0.02	11	1046	9	1	1	0.02	30	0.13	40	1	95
S	L0400N 125W	5	0.1	1.95	15	133	1	1	0.20	0.1	8	28	32	2.08	0.11	17	0.31	292	1	0.02	14	856	14	3	1	0.02	23	0.14	42	1	65
S	L0400N 150W	5	0.5	1.15	13	114	1	1	0.27	0.1	9	34	34	2.42	0.12	11	0.38	554	1	0.02	13	684	10	1	1	0.02	24	0.14	52	1	78
S	L0400N 175W	15	0.2	1.92	15	157	1	2	0.28	0.1	9	30	42	2.72	0.12	10	0.40	510	1	0.02	17	2329	13	1	1	0.02	32	0.14	52	3	156
S	L0400N 200W	10	0.5	2.36	12	141	1	1	0.22	0.7	7	26	45	2.31	0.11	15	0.30	561	1	0.03	14	1784	14	1	1	0.02	27	0.15	43	1	166
S	L0400N 225W	90	0.1	2.31	13	96	1	1	0.27	0.1	12	35	60	3.33	0.11	10	0.49	504	1	0.02	17	1351	13	1	1	0.02	41	0.17	64	1	175
S	L0400N 250W	20	0.2	2.05	13	108	1	1	0.21	0.1	9	36	58	2.87	0.11	13	0.43	439	1	0.02	19	1177	12	1	1	0.02	25	0.17	60	1	95
S	L0400N 275W	20	0.1	2.09	15	171	1	1	0.23	0.1	11	27	40	2.47	0.11	7	0.31	1047	1	0.02	17	1707	12	1	1	0.02	27	0.15	48	1	161
S	L0400N 300W	110	0.1	2.03	20	150	1	1	0.24	0.8	19	30	100	4.24	0.11	7	0.44	844	1	0.02	20	1404	13	6	1	0.02	29	0.14	68	1	235
S	L0400N 325W	30	0.1	2.11	10	134	1	1	0.22	1.0	14	30	54	3.06	0.10	9	0.37	597	1	0.02	19	1583	12	1	1	0.02	29	0.15	55	1	138
S	L0400N 350W	25	0.1	2.13	10	175	1	1	0.19	0.5	9	22	40	2.19	0.10	11	0.26	654	1	0.02	15	2005	8	1	1	0.02	24	0.14	40	4	126
S	L0400N 375W	25	0.1	2.10	17	132	1	1	0.26	0.1	9	23	39	2.46	0.11	13	0.31	654	1	0.02	17	1198	13	4	1	0.02	25	0.15	47	1	116
S	L0400N 400W	20	0.1	2.39	11	131	1	1	0.24	0.1	9	32	35	2.30	0.12	5	0.33	400	1	0.03	16	652	9	4	1	0.02	26	0.17	45	1	82
S	L0400N 425W	15	0.1	2.39	8	99	1	1	0.36	0.1	9	34	46	2.52	0.09	10	0.37	277	1	0.03	20	485	10	1	1	0.02	29	0.18	49	1	88
S	L0400N 450W	5	0.1	2.28	8	134	1	1	0.26	0.1	6	21	26	1.99	0.09	5	0.21	469	1	0.02	13	1781	9	1	1	0.02	27	0.14	36	1	74
S	L0400N 475W	10	0.1	1.48	9	181	1	2	0.18	0.1	8	29	24	2.22	0.11	8	0.29	636	1	0.02	14	1768	11	1	1	0.02	17	0.13	44	5	99
S	L0400N 500W	15	0.1	2.38	15	148	1	1	0.23	0.1	9	21	34	2.23	0.11	9	0.28	593	2	0.02	16	1830	10	2	1	0.02	26	0.15	43	1	110
S	L0400N 525W	10	0.1	2.24	15	133	1	1	0.23	0.1	10	26	28	2.29	0.11	7	0.28	560	2	0.02	16	1939	15	1	1	0.02	21	0.14	41	1	163
S	L0400N 550W	10	0.1	2.31	15	119	1	2	0.25	0.1	10	28	30	2.29	0.10	12	0.28	307	1	0.03	16	437	12	1	1	0.02	22	0.17	44	1	76
S	L0400N 575W	10	0.1	2.37	3	131	1	1	0.37	0.1	9	31	28	2.38	0.13	17	0.35	452	1	0.03	16	832	11	1	1	0.02	29	0.18	45	1	72
S	L0400N 600W	10	0.5	2.15	3	98	1	1	0.28	0.1	8	24	26	2.08	0.11	10	0.27	348	1	0.03	14	809	5	7	1	0.02	22	0.15	40	1	65
S	L0500N 100W	5	0.2	1.93	13	188	1	2	0.24	0.1	8	23	24	1.97	0.11	11	0.24	827	1	0.03	12	2198	12	1	1	0.02	31	0.13	37	3	122
S	L0500N 125W	5	0.2	1.92	4	51	1	1	0.27	0.1	7	21	24	1.93	0.08	7	0.19	447	1	0.02	10	224	13	1	1	0.02	32	0.15	41	1	82
S	L0500N 150W	missing																													
S	L0500N 175W	10	0.6	2.20	10	161	1	1	0.24	0.1	9	26	26	2.37	0.12	10	0.28	569	1	0.03	13	2358	11	1	1	0.02	25	0.16	44	1	180
S	L0500N 200W	10	0.1	2.30	4	146	1	1	0.21	0.1	7	26	34	2.22	0.10	16	0.30	563	1	0.02	13	1569	12	1	1	0.02	24	0.15	44	1	82
S	L0500N 225W	40	0.3	1.40	6	111	1	1	0.23	0.1	8	31	26	2.26	0.12	12	0.31	371	2	0.02	13	864	10	4	1	0.02	23	0.14	48	1	72
S	L0500N 250W	20	0.1	2.25	13	84	1	1	0.21	0.1	9	31	30	2.54	0.10	8	0.30	330	2	0.02	17	783	9	1	1	0.02	20	0.16	52	1	85
S	L0500N 275W	10	0.1	2.39	9	120	1	1	0.21	0.1	8	23	24	2.14	0.09	11	0.23	538	1	0.02	13	1728	6	1	1	0.02	24	0.14	43	1	75
S	L0500N 300W	15	0.3	1.25	18	111	1	3	0.32	0.1	10	42	44	2.58	0.13	19	0.47	384	1	0.02	18	845	11	1	1	0.02	29	0.14	64	1	57
S	L0500N 325W	15	0.1	2.23	15	93	1	1	0.22	0.1	8	26	36	2.19	0.10	22	0.30	331	1	0.02	13	1055	9	1	1	0.02	27	0.15	46	1	68
S	L0500N 350W	50	0.7	1.72	13	91	1	1	0.33	0.1	8	26	24	2.09	0.10	12	0.26	274	1	0.02	12	1276	9	1	1	0.02	30	0.13	40	1	79
S	L0500N 375W	10	0.1	2.08	4	118	1	1	0.39	0.1	9	34	40	2.56	0.10	24	0.34	443	1	0.03	16	253	12	1	1	0.02	31	0.18	52	1	59
S	L0500N 400W	15	0.1	1.99	15	88	1	1	0.34	0.1	10	26	32	2.21	0.09	20	0.28	441	2	0.03	14	937	10	1	1	0.02	26	0.15	46	1	105
S	L0500N 425W	15	0.4	1.95	18	157	1	1	0.35	0.1	9	33	48	2.40	0.11	21	0.33	401	1	0.03	19	568	13	1	1	0.02	32	0.16	49	1	89

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ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

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To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1738
Type of Analysis: ICP

Certificate: 97080
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File Name: TEK97080.I
Page No.: 16

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	L0500N 450W	15	0.3	2.30	17	128	1	1	0.32	0.1	8	28	45	2.35	0.10	14	0.28	327	1	0.03	19	1063	8	10	1	0.02	32	0.16	42	1	88
S	L0500N 475W	20	0.4	2.50	19	148	1	1	0.28	0.1	8	30	50	2.41	0.10	23	0.29	302	1	0.03	21	569	15	1	1	0.02	40	0.18	46	1	79
S	L0500N 500W	5	0.2	2.40	5	170	1	1	0.30	0.1	8	35	40	2.52	0.12	26	0.33	488	1	0.03	20	371	9	1	1	0.02	41	0.18	48	1	89
S	L0500N 525W	15	0.1	1.63	8	112	1	1	0.26	0.1	8	28	36	1.98	0.11	18	0.30	463	1	0.02	16	302	6	1	1	0.02	33	0.13	42	1	72
S	L0500N 550W	10	0.4	2.98	16	193	1	1	0.34	0.1	8	38	52	2.90	0.11	27	0.34	249	2	0.03	20	470	15	1	1	0.02	61	0.20	59	1	47
S	L0500N 575W	5	0.1	2.31	9	62	1	1	0.41	0.1	10	26	23	2.11	0.09	20	0.23	245	1	0.03	14	156	8	1	1	0.02	33	0.15	43	1	64
S	L0500N 600W	10	0.5	1.35	12	85	1	1	0.19	0.1	7	30	23	2.08	0.10	9	0.29	194	1	0.02	13	149	13	1	1	0.02	20	0.13	48	1	52
S	L0600N 100W	10	0.4	1.74	1	98	1	2	0.25	0.1	8	25	23	2.31	0.11	13	0.30	541	1	0.02	14	1085	18	1	1	0.02	24	0.14	46	1	70
S	L0600N 125W	5	0.1	2.45	6	110	1	2	0.25	0.1	10	28	38	2.96	0.14	11	0.45	640	1	0.02	14	1532	8	5	1	0.02	24	0.19	66	1	74
S	L0600N 150W	10	0.1	1.55	4	125	1	1	0.23	0.1	9	32	24	2.70	0.11	17	0.34	380	1	0.02	14	1893	12	1	1	0.02	24	0.13	55	7	77
S	L0600N 175W	10	0.6	2.48	5	105	1	1	0.22	0.1	8	24	32	2.32	0.11	12	0.30	563	1	0.02	15	1103	12	1	1	0.02	25	0.17	46	1	76
S	L0600N 200W	10	0.1	1.98	8	107	1	1	0.21	0.1	9	28	30	2.39	0.12	12	0.34	499	1	0.02	14	1750	13	1	1	0.02	21	0.15	49	3	83
S	L0600N 225W	10	0.2	2.21	4	79	1	1	0.30	0.6	8	22	60	2.09	0.12	20	0.27	462	2	0.03	13	597	11	1	1	0.02	36	0.16	39	3	78
S	L0600N 250W	15	0.2	2.68	5	76	1	1	0.30	0.1	10	22	40	2.50	0.10	9	0.30	365	1	0.03	16	655	12	1	1	0.02	36	0.18	43	1	114
S	L0600N 275W	10	0.1	2.55	9	96	1	1	0.26	0.1	9	24	38	2.22	0.11	7	0.28	339	1	0.03	15	916	12	1	1	0.02	28	0.16	41	1	80
S	L0600N 300W	20	0.1	2.23	22	105	1	1	0.24	0.1	11	27	11	2.61	0.14	12	0.35	710	1	0.02	17	1344	11	3	1	0.02	28	0.17	51	1	114
S	L0600N 325W	15	0.1	1.78	5	88	1	2	0.24	0.1	13	32	34	2.92	0.15	13	0.46	690	1	0.02	18	962	11	6	1	0.02	27	0.20	68	1	167
S	L0600N 350W	20	0.1	2.01	21	114	1	1	0.24	0.1	12	30	38	3.36	0.14	10	0.47	452	1	0.02	19	1796	12	1	1	0.02	31	0.17	74	1	97
S	L0600N 375W	15	0.1	1.76	2	143	1	1	0.36	0.1	10	34	25	2.86	0.14	12	0.44	456	1	0.02	18	1701	12	1	1	0.02	50	0.17	55	1	109
S	L0600N 400W	10	0.2	2.69	18	77	1	1	0.27	0.1	9	25	30	2.42	0.11	19	0.31	290	1	0.03	14	553	16	1	1	0.02	36	0.19	45	4	63
S	L0600N 425W	15	0.1	2.67	33	60	1	1	0.31	0.1	9	27	38	2.43	0.11	16	0.34	364	2	0.03	14	870	11	1	1	0.02	37	0.18	48	8	64
S	L0600N 450W	10	0.1	2.36	29	85	1	1	0.26	0.1	9	27	26	2.43	0.13	15	0.35	425	1	0.03	16	1366	16	1	1	0.02	35	0.18	49	6	74
S	L0600N 475W	5	0.4	2.52	10	94	1	1	0.21	0.7	7	22	24	2.21	0.12	8	0.27	522	2	0.03	15	1370	12	1	1	0.02	27	0.17	40	6	77
S	L0600N 500W	5	0.1	2.49	15	97	1	1	0.25	0.1	8	23	21	2.10	0.11	11	0.25	539	1	0.03	15	1044	11	8	1	0.02	31	0.15	38	1	80
S	L0600N 525W	25	0.6	2.33	35	107	1	2	0.31	0.1	12	38	45	3.00	0.15	14	0.47	501	1	0.02	23	1144	12	1	1	0.02	33	0.19	59	3	130
S	L0600N 550W	10	0.1	1.92	13	136	1	2	0.26	0.1	11	35	36	2.38	0.14	22	0.39	524	2	0.03	19	831	15	6	1	0.02	26	0.17	49	1	123
S	L0600N 575W	15	0.1	2.54	20	101	1	1	0.23	0.1	9	26	28	2.24	0.13	14	0.32	643	1	0.02	15	1383	21	1	1	0.02	26	0.18	45	1	101
S	L0600N 600W	10	0.1	2.68	9	102	1	1	0.23	0.1	9	27	34	2.45	0.12	17	0.35	476	1	0.02	16	963	18	1	1	0.02	26	0.19	46	1	99
S	L0700N 100W	5	0.1	1.81	10	109	1	1	0.21	0.1	9	29	38	2.59	0.12	29	0.37	366	1	0.02	14	657	15	4	1	0.02	25	0.15	57	1	63
S	L0700N 125W	5	0.1	1.89	20	115	1	1	0.19	0.6	11	26	38	2.74	0.13	14	0.38	547	1	0.02	14	1025	8	1	1	0.02	17	0.16	59	1	83
S	L0700N 150W	10	0.1	2.10	5	71	1	1	0.36	0.1	12	30	50	3.10	0.15	24	0.50	634	1	0.03	17	302	12	3	1	0.02	40	0.20	76	1	101
S	L0700N 175W	5	0.3	2.63	3	114	1	1	0.26	0.1	12	33	32	3.02	0.15	15	0.49	542	3	0.03	16	1056	14	1	1	0.02	28	0.21	64	1	86
S	L0700N 200W	5	0.2	2.27	17	111	1	2	0.21	0.1	11	31	36	3.05	0.16	12	0.48	475	1	0.02	17	1051	12	1	1	0.02	26	0.19	66	1	80
S	L0700N 225W	10	0.2	1.94	9	120	1	1	0.18	0.1	10	25	28	2.44	0.12	12	0.35	715	1	0.02	14	1396	13	5	1	0.02	19	0.16	49	1	94
S	L0700N 250W	5	0.1	2.10	5	161	1	1	0.19	0.1	10	24	28	2.47	0.12	10	0.33	582	1	0.02	12	2011	9	1	1	0.02	21	0.16	45	1	109
S	L0700N 275W	5	0.3	2.27	1	138	1	1	0.23	0.1	10	23	28	2.52	0.15	14	0.33	1396	1	0.02	13	1344	13	1	1	0.02	31	0.18	51	1	92
S	L0700N 300W	5	0.1	2.42	7	153	1	1	0.24	0.1	11	30	45	2.78	0.15	13	0.44	587	2	0.02	18	1544	12	5	1	0.02	27	0.19	54	1	85
S	L0700N 325W	5	0.1	2.20	15	74	1	1	0.36	0.1	11	28	50	2.72	0.13	33	0.40	476	1	0.03	19	541	14	3	1	0.02	45	0.19	59	2	136
S	L0700N 350W	5	0.1	2.57	10	135	1	2	0.25	0.1	10	26	36	2.67	0.15	12	0.39	560	2	0.02	20	2091	13	2	1	0.02	29	0.18	52	1	117
S	L0700N 375W	5	0.1	2.23	19	139	1	1	0.23	0.1	11	30	78	2.68	0.14	11	0.40	493	2	0.02	19	1802	14	1	1	0.02	27	0.17	56	1	104

CERTIFIED BY :

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: 1738
Type of Analysis: ICP

Certificate: 97080
Invoice: 50823
Date Entered: 97-07-15
File Name: TEK97080.I
Page No.: 17

PREFIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
S	L0700N 400W	5	0.1	2.37	14	127	1	1	0.23	0.1	9	26	30	2.49	0.13	7	0.38	706	3	0.02	19	1287	14	1	1	0.02	29	0.17	50	1	95
S	L0700N 425W	5	0.2	2.25	25	120	1	1	0.25	0.1	9	26	28	2.56	0.15	15	0.36	434	1	0.03	14	1308	16	1	1	0.02	32	0.18	50	6	88
S	L0700N 450W	5	0.1	2.07	15	118	1	1	0.22	0.1	10	30	28	2.75	0.15	12	0.43	474	2	0.02	15	1456	16	1	1	0.02	26	0.19	59	1	104
S	L0700N 475W	5	0.1	1.80	8	144	1	1	0.20	0.1	9	23	28	2.78	0.16	11	0.41	849	1	0.02	13	862	13	1	1	0.02	24	0.18	62	1	89
S	L0700N 500W	5	0.1	2.36	20	131	1	1	0.18	0.1	10	25	29	2.63	0.14	16	0.39	427	1	0.02	17	943	17	2	1	0.02	21	0.20	53	5	91
S	L0700N 525W	5	0.1	2.28	10	137	1	2	0.22	0.1	11	29	32	2.50	0.15	22	0.40	335	2	0.02	17	787	17	1	1	0.02	35	0.19	47	1	103
S	L0700N 550W	5	0.1	1.80	7	154	1	1	0.21	0.1	10	37	26	2.56	0.14	13	0.40	564	1	0.02	15	1031	14	4	1	0.02	25	0.19	53	1	114
S	L0700N 575W	5	0.3	1.81	9	148	1	3	0.29	0.1	10	45	26	2.65	0.18	17	0.50	458	2	0.02	19	1139	21	3	1	0.02	34	0.22	55	1	106
S	L0700N 600W	5	0.1	1.91	6	117	1	1	0.26	0.1	8	30	26	2.21	0.14	18	0.32	549	2	0.03	15	788	20	7	1	0.02	30	0.18	40	1	111

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To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

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PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
A1	17709	280	9.6	0.54	26	40	1.8	1	3.28	1.6	154	27	5800	10.20	0.02	1	0.40	210	24	0.01	12	206	108	3	1	0.13	54	0.02	13	39	107
A1	17710	390	3.2	1.17	25	50	0.1	1	2.23	0.1	158	34	950	20.72	0.01	1	0.41	529	3	0.01	27	726	1	6	1	0.06	27	0.04	95	75	65
A1	17711	30	0.4	0.93	47	16	4.3	1	21.26	2.0	1	14	270	4.14	0.07	1	0.39	1061	5	0.01	8	659	1	10	1	0.04	196	0.02	39	11	23
A1	17712	440	2.6	1.51	1	137	0.3	1	1.49	1.0	43	31	1320	6.29	0.49	5	0.57	719	2	0.13	34	4164	1	1	1	0.03	23	0.36	47	6	84
A1	17713	100	1.4	0.65	1	46	0.4	1	1.07	0.1	156	40	1340	17.70	0.01	1	0.28	302	1	0.07	172	1020	21	1	1	0.04	14	0.15	27	6	89
A1	17714	30	0.4	1.30	1	72	0.4	1	2.35	0.1	2	53	210	4.60	0.02	1	0.70	1358	1	0.06	9	937	2	1	1	0.04	51	0.12	71	2	53
A1	17715	20	0.4	0.82	8	98	1.2	1	8.86	0.1	4	35	24	2.63	0.11	2	1.64	1048	1	0.01	26	659	1	7	1	0.03	157	0.01	23	6	49
A1	17716	20	0.6	2.51	1	75	0.4	1	4.04	0.1	16	57	56	5.40	0.07	1	1.17	1058	1	0.08	17	616	1	1	1	0.03	63	0.15	92	1	83
A1	17717	10	0.2	2.41	1	84	0.7	1	4.77	0.1	1	33	12	3.47	0.19	3	1.60	1273	1	0.02	5	1060	1	1	1	0.03	76	0.01	95	1	80
A1	17718	30	0.8	1.69	1	171	0.1	1	1.56	0.1	15	23	206	2.71	0.10	1	0.60	460	1	0.20	16	572	13	1	1	0.02	75	0.11	45	2	85
A1	17719	10	0.4	0.95	1	31	0.3	7	0.96	0.7	8	18	108	1.48	0.02	2	0.59	189	1	0.14	11	667	13	1	1	0.03	37	0.20	49	1	24
A1	17720	40	0.6	1.16	1	41	0.4	1	1.28	0.1	19	34	256	4.59	0.07	1	0.69	412	17	0.12	19	1408	9	1	1	0.03	25	0.21	104	1	51
A1	17721	20	0.4	1.51	1	39	0.1	7	1.42	0.5	1	21	20	0.76	0.09	1	0.23	219	21	0.61	8	909	4	1	1	0.02	69	0.18	35	1	20
A1	17722	30	0.6	0.91	7	55	0.3	8	1.48	0.9	1	27	18	0.75	0.03	1	0.32	230	22	0.22	16	1655	14	1	1	0.03	45	0.19	42	1	25
A1	17723	25	0.4	1.05	19	10	0.7	1	5.42	0.8	1	33	8	2.28	0.04	2	0.28	680	26	0.03	4	670	1	1	1	0.05	75	0.12	78	1	16
A1	17724	30	0.2	1.25	1	55	0.8	1	3.92	0.1	1	43	26	2.20	0.05	3	1.03	858	31	0.22	8	869	12	1	1	0.02	71	0.14	85	1	59
A1	17725	60	1.2	1.33	1	38	0.5	1	1.75	1.1	38	16	182	6.07	0.01	1	0.48	254	2	0.05	20	715	1	1	1	0.03	25	0.12	46	1	34
A1	17726	30	1.4	1.22	37	25	1.5	1	9.44	4.6	4	45	512	8.41	0.01	1	0.09	1963	1	0.01	12	1048	12	1	1	0.07	8	0.04	57	1	125
A1	17727	320	1.8	1.07	44	36	1.4	1	8.24	3.1	20	30	1280	7.06	0.02	2	0.18	1280	1	0.02	46	1231	12	1	1	0.18	42	0.07	44	1	150
A1	17728	170	0.9	1.17	33	58	0.9	1	5.51	1.1	5	34	216	5.65	0.04	2	0.42	1398	2	0.03	15	1095	4	1	1	0.05	41	0.10	65	1	85
A2	17729	90	0.8	1.24	12	64	0.2	1	1.08	0.1	14	26	222	3.07	0.04	6	0.94	403	4	0.12	14	900	10	1	1	0.03	32	0.26	85	1	62
A2	17730	130	1.2	1.67	2	71	0.2	1	2.66	0.8	7	28	284	5.14	0.06	2	0.37	914	3	0.14	22	1020	3	1	1	0.04	85	0.13	58	1	74
A2	17731	70	0.4	0.77	4	41	0.1	1	1.94	0.7	20	45	194	4.02	0.02	7	0.41	623	3	0.05	22	920	39	1	1	0.03	15	0.19	57	1	67
A2	17732	40	0.6	0.99	25	52	0.1	3	1.08	0.1	22	43	142	3.21	0.04	9	0.53	504	2	0.09	23	1158	8	1	1	0.03	31	0.18	64	1	46
A1	17733	40	0.2	0.82	46	28	1.0	3	8.88	2.0	1	40	78	4.74	0.03	3	0.18	1515	5	0.01	9	1002	1	1	1	0.19	54	0.05	53	1	51
A2	17734	10	0.2	1.46	3	49	0.5	1	1.44	0.6	51	41	375	3.09	0.04	17	0.49	1046	4	0.08	26	1474	8	1	1	0.03	48	0.12	64	1	51
A1	17735	20	0.4	0.77	12	44	0.2	1	0.64	0.1	32	37	300	3.00	0.09	11	0.51	372	4	0.06	23	998	10	1	1	0.03	19	0.17	57	1	37
A1	17736	120	0.4	1.21	14	39	0.1	1	3.33	0.1	18	34	268	4.36	0.03	9	0.32	939	2	0.03	10	965	5	1	1	0.06	31	0.10	66	1	43
A2	17737	50	0.2	1.50	21	50	0.3	1	0.95	0.1	12	37	280	4.24	0.06	4	0.91	689	3	0.07	23	977	7	1	1	0.03	36	0.13	84	1	59
A1	17738	50	0.2	1.62	1	38	0.8	1	3.20	1.1	31	36	580	5.52	0.01	17	0.66	1671	2	0.03	24	1016	1	1	1	0.04	30	0.11	80	1	90
A1	17739	90	0.6	1.15	4	111	0.7	1	1.05	0.7	59	30	925	7.01	0.01	20	0.51	1129	56	0.05	16	1086	8	1	1	0.04	32	0.12	64	2	82
A1	17740	70	0.6	1.49	1	132	0.5	1	1.33	1.0	69	39	860	8.13	0.09	13	0.51	1097	3	0.04	15	1043	12	1	1	0.04	27	0.12	54	1	67
A1	17741	50	1.6	0.98	1	79	0.4	1	2.74	1.9	91	42	1200	12.53	0.02	9	0.31	1100	4	0.04	12	1018	6	1	1	0.07	39	0.06	45	1	72
A1	17742	3800	2.2	0.33	21	35	0.1	5	3.15	0.1	135	22	1680	15.31	0.01	3	0.13	875	5	0.01	49	991	1	1	1	0.13	5	0.02	39	133	70
A1	17743	3500	2.2	0.73	24	49	0.4	1	4.45	1.0	116	31	3200	13.59	0.01	5	0.15	821	14	0.01	38	749	2	1	1	0.11	7	0.06	69	106	55
A1	17744	390	0.6	1.21	10	74	0.7	1	5.64	1.8	38	48	750	8.50	0.05	9	0.38	1624	5	0.02	13	1087	1	1	1	0.11	20	0.07	63	9	63
A1	17745	140	0.2	1.00	1	72	0.3	1	3.46	1.0	53	46	595	7.85	0.03	7	0.33	1286	18	0.01	14	803	1	1	1	0.07	15	0.09	63	5	52
A1	17746	450	0.6	0.79	28	32	0.3	1	4.85	2.1	64	41	498	11.11	0.01	2	0.18	1244	6	0.01	24	961	1	1	1	0.14	9	0.05	59	30	43
A1	17747	450	0.6	0.57	1	56	0.4	8	1.98	0.7	262	19	870	21.54	0.01	4	0.15	790	3	0.01	73	641	1	1	1	0.09	11	0.04	26	17	65
A1	17748	270	1.2	1.05	4	32	0.6	1	4.64	1.1	91	38	1360	12.01	0.01	1	0.16	1381	7	0.01	24	685	1	1	1	0.11	7	0.05	57	23	64

CERTIFIED BY : Rossbach

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

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PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
A1	17749	60	1.2	2.49	1	116	0.7	1	1.75	0.1	23	26	1490	4.92	0.13	12	1.17	905	8	0.24	8	1257	6	1	1	0.03	108	0.16	86	7	89
A1	17750	80	1.8	1.16	1	36	0.2	1	3.05	0.7	162	21	1820	13.01	0.01	3	0.30	1006	4	0.04	21	767	1	1	1	0.07	27	0.08	61	4	58
A1	72301	210	1.2	0.99	269	48	0.8	1	3.23	1.0	114	27	648	11.90	0.01	4	0.25	1163	9	0.01	97	960	1	1	1	0.07	14	0.06	45	1	61
A1	72302	180	2.2	0.81	16	40	0.1	1	2.53	1.3	60	35	1120	8.74	0.01	4	0.23	863	62	0.01	56	1102	1	1	1	0.05	21	0.09	70	1	72
A1	72303	180	1.4	0.68	28	40	0.2	1	3.56	0.1	156	16	700	13.46	0.01	1	0.14	1140	7	0.01	119	841	1	1	1	0.09	7	0.03	20	1	58
A1	72304	60	0.6	0.73	1	83	0.1	1	0.78	0.1	14	32	180	3.21	0.03	9	0.50	396	3	0.09	12	1095	4	1	1	0.03	28	0.15	50	1	47
A1	72305	30	0.2	0.69	1	83	0.1	1	0.66	0.5	6	33	90	1.95	0.02	8	0.59	400	1	0.06	8	1153	13	1	1	0.03	22	0.16	57	1	31
A1	72306	20	0.4	1.74	1	211	0.3	1	0.45	0.1	7	34	76	3.45	0.16	13	1.62	477	1	0.06	9	1470	12	1	1	0.03	23	0.11	89	1	59
A1	72307	20	0.2	2.07	1	210	0.4	1	0.90	0.1	3	32	62	2.71	0.17	15	1.14	371	1	0.21	10	978	11	1	1	0.02	81	0.14	63	1	40
A1	72308	20	0.1	1.49	3	122	0.3	1	0.90	0.1	1	22	18	1.59	0.07	8	0.92	460	1	0.19	6	1135	13	1	1	0.03	62	0.11	84	1	43
A1	72309	30	0.2	1.55	17	348	0.4	1	1.44	0.7	16	45	220	4.85	0.20	24	0.73	959	1	0.13	25	1106	6	1	1	0.04	43	0.17	76	1	57
A1	72310	15	0.4	1.49	1	110	0.2	1	2.01	0.1	7	42	136	3.43	0.03	6	0.71	996	4	0.09	18	1140	1	1	1	0.04	42	0.12	75	1	46
A1	72311	40	0.2	1.18	4	73	0.1	1	1.28	0.1	9	21	94	2.72	0.06	7	0.84	562	1	0.09	10	1259	8	1	1	0.03	39	0.12	86	1	35
A1	72312	25	1.0	1.00	9	55	0.1	1	1.94	0.1	32	32	370	5.28	0.01	8	0.50	655	1	0.04	22	957	4	1	1	0.04	25	0.10	47	1	57
A1	72313	10	0.2	1.60	1	104	0.3	1	1.41	0.1	1	26	54	1.49	0.07	3	0.54	430	3	0.29	14	1085	12	2	1	0.03	91	0.12	40	4	29
A1	72314	30	0.4	1.31	4	82	0.5	1	2.56	0.1	15	39	322	4.87	0.03	5	0.63	1235	11	0.05	18	1020	1	1	1	0.04	43	0.10	71	1	55
A1	72315	20	0.2	2.19	5	104	0.4	1	1.59	0.1	1	22	40	1.26	0.05	6	0.50	474	5	0.34	8	1073	10	1	1	0.03	148	0.15	41	1	27
A1	72316	25	0.2	2.60	4	134	0.5	1	1.28	0.1	1	34	46	2.96	0.10	7	1.13	1249	1	0.23	11	1137	7	1	1	0.02	103	0.10	93	1	65
A1	72317	20	0.2	1.37	1	113	0.2	1	0.91	0.1	1	36	40	1.84	0.03	4	0.94	550	1	0.17	15	1267	12	1	1	0.03	55	0.19	78	1	37
A1	72318	60	0.8	1.23	9	62	0.1	1	3.48	1.1	56	50	510	8.14	0.01	2	0.31	1446	11	0.05	30	1084	9	1	1	0.08	27	0.08	60	3	62
A1	72319	30	0.4	1.37	8	147	0.3	1	3.62	0.1	1	49	88	5.19	0.03	9	0.62	1466	5	0.05	12	1138	2	1	1	0.05	40	0.12	63	5	53
A1	72320	130	2.6	0.82	1	34	0.3	1	2.82	0.9	140	22	3100	11.97	0.01	1	0.26	888	5	0.01	24	1177	1	1	1	0.07	15	0.05	50	2	71
A1	72321	20	0.4	1.14	7	74	0.5	1	0.50	0.1	13	27	42	3.13	0.01	7	0.88	539	1	0.08	5	1067	11	1	1	0.03	23	0.06	97	2	58
A1	72322	30	0.6	1.46	11	61	0.7	3	0.33	0.1	6	19	75	3.85	0.01	8	1.03	629	4	0.05	6	1016	24	1	1	0.03	18	0.02	90	1	66
A1	72323	80	0.4	1.10	1	54	0.2	1	2.11	0.1	6	33	180	3.72	0.01	4	0.65	878	5	0.03	4	1141	10	1	1	0.04	29	0.05	76	1	52
A2	72324	160	3.0	0.85	1	39	0.3	1	1.34	0.6	134	21	2200	11.18	0.01	8	0.63	858	1	0.03	20	1180	12	1	1	0.03	12	0.05	47	1	129
A1	72325	80	1.8	0.98	39	30	0.4	1	5.12	1.7	38	50	850	7.98	0.01	3	0.16	1677	6	0.01	7	1284	1	1	1	0.17	12	0.07	43	1	80
A1	72326	100	1.6	0.82	1	40	0.4	1	4.92	3.2	88	40	925	10.13	0.01	4	0.15	1669	1	0.01	13	1179	43	1	1	0.16	14	0.06	33	2	158
A1	72327	80	2.2	0.89	1	45	0.6	1	3.88	1.7	153	29	1400	14.07	0.01	7	0.23	1233	7	0.01	21	1263	1	1	1	0.13	15	0.05	35	1	176
A1	72328	130	1.6	0.90	1	50	0.6	1	3.92	0.2	75	30	1150	8.60	0.01	8	0.80	1000	8	0.01	20	1110	2	1	1	0.10	12	0.05	28	1	160
A2	72329	80	0.8	2.13	3	144	0.6	1	1.00	0.1	31	108	178	4.26	0.23	8	1.77	679	10	0.07	67	1000	29	1	1	0.03	20	0.16	86	1	114
A1	72330	30	0.4	1.58	1	77	0.2	1	1.75	0.1	1	114	68	2.43	0.14	5	1.78	567	10	0.07	37	972	18	1	1	0.02	38	0.12	84	1	99
A1	72331	40	0.6	0.92	3	68	0.1	3	0.51	0.1	7	47	100	2.35	0.04	5	0.64	424	1	0.08	6	1082	50	1	1	0.02	19	0.06	54	1	74
A1	72332	60	0.6	1.06	1	66	0.3	1	0.55	0.1	6	40	110	2.88	0.05	6	0.73	530	5	0.07	8	1160	43	1	1	0.03	16	0.04	58	4	86
A1	72333	90	1.4	0.78	24	33	0.4	1	3.11	0.1	105	31	1490	11.27	0.01	2	0.25	1035	12	0.01	17	1026	1	1	1	0.11	9	0.04	45	1	72
A1	72334	40	0.6	1.38	1	43	1.0	1	1.73	0.1	139	55	480	11.79	0.06	22	1.13	952	3	0.06	29	1862	6	1	1	0.04	86	0.09	80	1	88
A1	72335	80	2.0	0.62	1	51	0.2	1	2.04	2.1	100	33	1680	10.06	0.01	4	0.24	589	13	0.02	16	1049	6	1	1	0.05	13	0.06	53	3	57
A1	72336	70	1.8	0.62	2	32	0.3	1	3.23	1.0	100	27	1900	11.49	0.01	2	0.13	836	11	0.01	19	1118	1	1	1	0.08	10	0.05	35	4	58
A1	72337	70	2.0	0.71	1	37	0.1	1	2.18	1.1	122	31	1750	12.58	0.01	5	0.21	772	3	0.02	23	1274	2	1	1	0.06	13	0.05	37	1	80
A1	72338	60	2.6	1.21	8	91	0.4	1	1.41	0.1	18	39	2560	4.96	0.06	8	0.50	1075	4	0.09	8	1103	11	1	1	0.04	30	0.09	49	6	113

CERTIFIED BY : A. Rossbach

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: # 1738

Type of Analysis: ICP

Certificate: 97072
Invoice: 50823
Date Entered: 97-07-10
File Name: TEK97072.I
Page No.: 3

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
A1	72339	220	2.8	0.66	75	37	0.1	1	1.69	1.2	171	22	2620	14.62	0.01	7	0.19	520	8	0.01	23	1144	7	1	1	0.04	8	0.03	20	1	136
A2	72340	80	1.6	0.50	31	47	0.5	1	1.02	0.1	281	2	1950	20.88	0.01	8	0.26	571	7	0.01	38	1295	4	1	1	0.05	9	0.02	15	1	156
A2	72341	100	3.6	0.77	5	45	0.4	1	1.20	0.1	284	19	1730	19.59	0.01	10	0.32	762	1	0.01	35	801	5	1	1	0.05	8	0.03	19	1	133
A2	72342	90	1.6	1.20	1	50	0.4	1	2.89	1.1	98	20	1030	10.64	0.01	1	0.31	1012	2	0.02	14	775	21	1	1	0.08	36	0.06	40	2	116
A2	31-32 no number	20	0.6	1.98	1	100	0.8	1	5.89	0.1	1	73	32	3.26	0.01	1	1.60	970	2	0.07	13	770	1	1	1	0.08	78	0.14	103	1	115

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PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
A1	45001	720	2.2	0.98	25	42	1	1	4.92	0.1	136	82	1380	10.53	0.01	17	0.20	1226	7	0.02	56	695	1	1	1	0.06	22	0.07	48	1	96
A1	45002	360	1.1	1.08	25	54	1	1	3.18	0.1	92	63	756	6.79	0.02	10	0.30	661	23	0.03	27	1049	1	1	1	0.04	36	0.10	67	1	54
A2	45003	80	1.6	0.90	22	32	1	1	3.58	0.1	92	42	694	7.67	0.01	5	0.20	1017	15	0.02	44	1045	2	1	1	0.10	21	0.10	86	1	37
A1	45004	30	1.3	0.96	6	59	1	1	1.39	0.1	103	44	876	8.66	0.07	11	0.35	458	8	0.07	33	1078	12	1	1	0.05	31	0.15	65	1	70
A1	45005	20	0.6	0.88	13	55	1	1	0.95	0.1	39	42	282	3.50	0.08	10	0.64	327	5	0.13	29	1093	9	1	1	0.04	28	0.27	79	2	59
A2	45006	20	0.8	2.07	6	52	1	1	1.59	0.1	38	42	292	3.56	0.12	9	0.54	288	4	0.25	36	868	1	1	1	0.04	107	0.22	85	1	59
A2	45007	70	1.9	1.25	44	31	1	1	3.18	0.1	99	48	317	7.56	0.04	8	0.48	788	3	0.04	29	730	3	1	1	0.05	26	0.15	84	1	61
A2	45008	20	0.9	1.25	1	37	1	1	1.19	0.1	17	73	160	3.49	0.07	11	1.17	434	3	0.09	32	1180	5	1	1	0.04	23	0.23	103	1	54
A2	45009	30	0.1	1.17	1	37	1	1	2.39	0.1	14	62	131	3.34	0.02	9	0.61	552	2	0.11	29	1648	1	1	1	0.04	37	0.18	82	1	48
A1	45010	15	0.1	1.31	47	155	1	1	3.58	0.1	14	56	92	5.18	0.04	17	0.87	1079	3	0.06	11	1323	4	1	1	0.03	75	0.10	71	1	76
A1	45011	10	0.1	1.70	1	361	1	1	3.19	0.1	7	179	90	5.09	0.11	28	1.45	1073	5	0.07	43	1834	4	1	1	0.03	122	0.13	90	1	119
A2	45012	20	1.2	1.41	1	41	1	1	2.26	0.1	01	58	552	10.79	0.09	21	1.15	1000	4	0.10	22	1749	8	1	1	0.03	131	0.10	79	1	99
A2	45013	20	2.2	1.07	1	36	1	1	3.97	0.1	91	34	1327	10.13	0.01	5	0.28	1631	12	0.01	15	953	1	1	1	0.06	7	0.06	64	1	79
A2	45014	60	4.0	0.90	9	39	1	1	4.42	0.1	85	39	2511	10.68	0.01	5	0.16	1173	11	0.01	12	700	6	1	1	0.12	15	0.07	45	1	78
A2	45015	110	3.4	0.61	15	43	1	8	2.98	0.1	199	20	1933	17.34	0.01	5	0.23	688	51	0.01	29	797	4	1	1	0.06	30	0.05	33	1	79
A2	45016	100	2.2	1.16	130	66	1	1	5.66	0.1	51	58	865	7.96	0.01	13	0.43	1578	3	0.02	12	1986	6	1	1	0.10	55	0.09	97	1	97
A1	45017	140	7.8	0.67	59	33	1	3	4.19	0.1	344	28	3011	16.52	0.01	13	0.18	989	23	0.01	24	1477	16	1	1	0.05	10	0.04	31	1	208
A1	45018	30	2.2	0.98	53	24	1	1	6.49	0.1	34	34	650	10.79	0.01	13	0.21	1588	2	0.01	9	1334	7	1	1	0.10	12	0.06	50	1	169
A1	45019	30	0.9	1.47	23	59	1	1	0.92	0.1	62	40	403	5.71	0.03	7	0.88	437	4	0.13	28	1071	6	1	1	0.03	68	0.22	104	1	62
A1	45020	20	0.8	1.38	19	49	1	1	1.13	0.1	49	45	257	5.28	0.01	9	0.80	730	2	0.07	17	807	9	1	1	0.03	67	0.18	92	1	65
A1	45021	20	0.4	0.91	10	60	1	1	0.34	0.1	17	89	46	3.18	0.01	6	0.58	397	5	0.04	26	728	7	1	1	0.03	25	0.19	88	1	45
A1	45022	20	0.1	1.25	16	48	1	1	0.53	0.1	7	35	29	3.64	0.03	7	0.72	435	3	0.10	6	976	5	1	1	0.03	59	0.16	80	1	44
A1	45023	10	0.2	1.36	11	85	1	1	0.91	0.1	21	28	79	4.40	0.14	8	1.19	600	2	0.15	17	832	10	1	1	0.03	48	0.26	135	1	88
A1	45024	20	1.5	2.23	13	56	1	1	1.30	0.5	43	24	180	4.94	0.18	7	0.96	729	1	0.30	18	874	70	1	1	0.03	106	0.22	120	1	200
A1	45025	20	1.6	3.11	43	109	1	1	1.70	1.1	23	29	236	5.08	0.13	5	1.37	960	3	0.44	19	820	64	1	1	0.03	176	0.17	137	1	279
A1	45026	10	1.1	3.48	60	153	1	1	1.46	0.1	24	25	189	5.04	0.16	7	2.04	812	5	0.39	20	993	15	1	1	0.03	191	0.19	183	1	254
A1	45027	20	1.0	2.55	28	86	1	1	1.13	0.1	22	35	163	5.35	0.33	7	2.32	826	6	0.21	20	947	7	1	1	0.03	75	0.21	183	1	172
A1	45028	20	1.1	3.09	20	143	1	1	1.08	0.1	21	48	178	5.94	0.27	6	2.40	863	6	0.29	27	872	8	1	1	0.03	117	0.15	193	1	153

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CERTIFICATE OF ANALYSIS

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To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
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PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
A1	45029	60	0.3	2.30	24	268	1	1	1.00	0.1	9	72	115	4.38	0.49	1	1.79	685	1	0.28	29	900	1	1	1	0.04	99	0.21	159	1	130
A1	45030	50	0.5	1.71	64	206	1	1	0.83	0.1	36	61	198	4.73	0.27	3	1.67	905	5	0.11	22	865	1	1	1	0.04	40	0.23	158	1	130
A1	45031	50	2.0	1.72	3	84	1	1	1.01	1.2	17	39	228	3.60	0.21	2	1.01	698	1	0.19	13	1002	1	1	1	0.05	71	0.21	100	1	232
A1	45032	80	7.0	1.94	42	59	1	1	1.08	1.7	28	47	741	5.50	0.08	3	1.21	949	1	0.12	17	933	1	1	1	0.04	59	0.20	128	1	355
A1	45033	60	2.0	1.53	27	61	1	1	0.94	2.1	15	48	204	3.64	0.08	2	1.43	1065	1	0.09	14	954	2	1	1	0.05	34	0.23	132	1	564
A1	45034	80	1.8	1.49	39	107	1	1	0.70	2.4	25	45	225	3.54	0.19	2	1.04	818	1	0.11	17	1146	1	1	1	0.04	44	0.18	108	1	453
A1	45035	80	4.2	2.52	12	66	1	1	1.05	3.1	15	31	368	5.22	0.37	1	1.25	654	1	0.38	14	826	43	1	1	0.03	121	0.17	164	1	405
A1	45036	90	3.6	2.82	27	111	1	1	1.83	7.1	2	39	225	3.42	0.24	1	0.90	703	1	0.31	13	889	95	1	1	0.03	155	0.16	102	1	844
A1	45037	60	1.0	1.78	14	97	1	1	1.01	1.3	9	53	108	3.39	0.17	4	1.21	1168	1	0.12	28	924	1	1	1	0.03	52	0.13	83	1	251
A1	45038	60	1.0	1.19	18	82	1	1	1.16	2.3	11	38	174	3.07	0.10	2	0.88	794	1	0.09	15	874	2	1	1	0.04	45	0.14	64	1	361
A1	45039	60	0.5	1.39	10	124	1	1	1.08	6.7	10	39	107	3.51	0.06	1	0.88	926	1	0.05	10	910	1	1	1	0.03	86	0.13	75	1	972
A1	45051	150	2.0	1.20	16	73	1	1	1.08	0.1	43	62	910	5.84	0.04	4	0.59	1072	1	0.03	20	1390	1	1	1	0.04	43	0.11	101	1	67
A1	45052	80	0.6	0.94	19	51	1	1	1.17	0.1	7	69	202	3.23	0.03	3	0.63	838	1	0.04	12	1306	1	1	1	0.05	41	0.11	88	1	69
A1	45053	110	1.5	0.91	58	71	1	1	0.91	0.1	24	47	543	4.91	0.05	1	0.51	615	1	0.05	14	1226	1	1	1	0.04	37	0.13	74	1	51
A1	45054	160	3.7	1.10	57	62	1	1	1.83	0.5	44	63	1000	6.32	0.05	4	0.53	1221	7	0.03	18	1827	1	1	1	0.06	54	0.12	101	1	106
A1	45055	100	1.5	0.95	51	79	1	1	1.49	0.6	37	46	752	4.82	0.07	3	0.40	850	29	0.03	19	1872	19	1	1	0.04	35	0.12	69	1	131
A1	45056	100	3.2	1.33	143	59	1	1	1.89	0.1	91	57	1082	9.05	0.01	3	0.35	574	20	0.04	42	1618	42	1	22	0.06	58	0.11	79	1	86
A1	45057	210	3.7	1.50	410	69	1	1	1.98	6.8	44	49	860	7.21	0.07	1	0.35	570	15	0.04	24	1372	146	1	7	0.05	81	0.10	95	1	988
A1	45058	120	2.1	0.96	173	62	1	1	1.21	0.1	31	62	496	5.84	0.01	1	0.51	644	2	0.03	14	1661	76	1	1	0.06	35	0.13	78	1	133
A1	45059	160	4.0	1.21	105	56	1	1	1.47	0.1	87	60	1385	7.54	0.03	3	0.57	688	3	0.03	36	1709	1	1	14	0.03	40	0.08	100	1	103
A1	45060	100	2.4	1.12	59	75	1	1	1.03	0.1	87	57	605	7.46	0.02	2	0.58	492	1	0.06	32	1800	1	1	14	0.04	40	0.10	89	1	63
A1	45061	80	0.6	1.16	49	88	1	1	1.96	1.3	4	58	177	3.08	0.06	1	0.58	870	1	0.07	11	1380	16	1	1	0.03	62	0.10	96	1	111
A1	45062	100	1.5	1.19	427	60	1	1	2.62	1.5	9	52	233	3.54	0.05	2	0.64	971	1	0.04	10	1655	55	1	1	0.03	70	0.09	80	1	308
A1	45063	60	0.7	1.05	36	67	1	1	1.63	0.1	7	52	168	2.50	0.07	4	0.51	659	1	0.07	10	1468	4	1	1	0.04	54	0.14	73	1	59
A1	45064	50	0.6	1.40	16	39	1	1	1.72	0.1	3	39	185	2.57	0.06	1	0.61	458	1	0.22	8	1525	1	1	1	0.04	122	0.14	72	1	44
A1	45065	160	4.3	2.02	34	45	1	1	1.64	1.9	125	47	1600	14.22	0.01	1	0.63	737	1	0.02	40	1249	1	1	32	0.04	44	0.07	88	1	77
A1	45066	240	5.2	1.54	56	34	1	1	0.80	1.3	111	72	1600	14.76	0.01	1	0.42	455	1	0.02	34	1161	1	1	44	0.04	22	0.07	76	1	74
A1	45067	780	6.2	1.93	91	39	1	1	1.21	0.5	57	58	1520	12.90	0.01	2	0.79	794	1	0.02	20	1095	7	1	9	0.04	33	0.11	107	1	84
A1	45068	330	3.1	2.10	15	64	1	1	0.59	16.6	5	82	473	6.52	0.27	1	1.13	654	2	0.14	20	1565	1	1	10	0.03	27	0.16	121	1	2137
A1	45069	1400	1.9	3.57	1	48	1	1	1.79	0.1	1	57	297	5.24	0.09	3	1.15	1348	1	0.16	18	1422	1	1	1	0.03	94	0.15	136	1	102
A1	45070	120	1.1	2.69	18	51	1	1	1.76	0.1	12	60	200	4.06	0.05	7	1.02	1468	1	0.17	24	1547	1	1	1	0.03	95	0.15	132	1	103
A1	45071	460	1.8	2.51	47	75	1	1	2.05	0.1	1	49	455	3.70	0.08	3	0.72	856	1	0.13	19	1284	1	1	1	0.04	99	0.13	85	1	87
A1	45072	90	0.5	1.28	7	53	1	1	0.82	0.1	3	57	170	4.55	0.06	3	0.68	730	1	0.07	16	1523	1	1	1	0.03	43	0.13	108	1	74
A1	45073	190	4.6	1.47	17	127	1	1	1.04	0.1	9	45	930	4.54	0.14	3	0.65	981	1	0.05	16	1765	1	1	1	0.03	46	0.10	75	1	75
A1	45074	80	0.6	1.45	5	147	1	1	0.69	0.1	7	41	403	4.22	0.16	3	0.62	867	1	0.04	19	1807	1	1	1	0.03	30	0.09	77	1	71
A1	45075	360	0.2	2.27	1	55	1	1	0.89	0.1	1	36	107	3.12	0.17	8	0.87	548	1	0.21	5	983	1	1	1	0.03	83	0.12	53	1	60
A1	45076	800	5.0	2.26	59	59	1	1	1.18	0.1	41	64	600	7.99	0.15	2	1.17	987	2	0.08	35	1120	1	1	1	0.05	56	0.15	117	1	135
A1	45077	100	1.2	1.79	16	43	1	1	2.53	0.1	6	57	230	2.84	0.10	5	0.99	1233	1	0.08	20	1440	1	1	1	0.03	105	0.11	99	1	245
A1	45078	590	3.0	1.67	13	47	1	1	2.87	8.8	3	64	363	5.46	0.09	3	0.87	1265	2	0.05	23	1311	1	1	1	0.03	90	0.10	103	1	1268
A1	45079	490	2.3	1.73	10	47	1	1	2.07	0.1	19	54	325	6.02	0.05	1	0.66	929	1	0.04	16	1362	1	1	1	0.03	88	0.09	91	1	179

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ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: # 1738

Type of Analysis: ICP

Certificate: 97088 I
Invoice: 50823
Date Entered: 97-07-09
File Name: TEK97088.I
Page No.: 2

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Sr	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
A1	45080	70	0.2	1.67	2	59	1	1	2.54	3.0	10	54	61	3.02	0.07	1	1.06	1398	1	0.06	17	1277	1	1	1	0.03	115	0.12	104	1	731
A1	45081	30	0.3	1.32	27	38	1	1	3.03	0.1	12	69	122	4.34	0.01	4	1.31	576	5	0.04	53	1259	1	1	1	0.04	85	0.07	172	1	77
A1	45082	160	1.0	2.00	8	46	1	1	1.21	11.2	7	46	177	3.55	0.14	1	0.84	757	1	0.19	11	1356	1	1	1	0.02	74	0.11	90	1	925
A1	45083	130	1.4	1.62	1	31	1	1	0.79	0.1	30	56	412	5.99	0.01	1	0.89	693	1	0.12	23	1239	1	1	1	0.04	94	0.13	99	1	65
A1	45084	60	0.7	2.56	53	23	1	1	2.83	0.1	23	51	291	4.10	0.03	2	0.97	976	1	0.08	16	1220	1	1	1	0.05	275	0.08	86	1	120
A1	45085	30	0.1	1.46	1	42	1	1	1.34	0.1	8	44	51	3.32	0.04	7	0.93	1089	1	0.07	17	1326	1	1	1	0.03	60	0.07	83	1	102
A1	45086	1000	5.3	1.12	18	30	1	10	0.63	2.2	66	42	690	13.67	0.01	1	0.47	347	1	0.05	26	929	6	1	25	0.04	77	0.18	95	1	63
A1	45087	260	0.7	1.11	24	48	1	6	0.89	0.1	51	63	87	6.58	0.02	5	0.62	702	2	0.03	26	1485	1	1	1	0.04	55	0.08	94	1	128
A1	45088	450	0.9	1.72	26	63	1	1	0.70	0.1	14	65	325	6.26	0.02	2	1.01	650	1	0.08	19	1460	15	1	1	0.03	57	0.15	117	1	112
A1	45089	100	6.6	1.52	72	146	1	1	0.82	7.0	29	25	637	6.30	0.10	1	1.11	558	1	0.10	18	650	9	3	1	0.03	47	0.14	114	1	1387

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To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: # 1734

Type of Analysis: ICP

Certificate: 97089 I
Invoice: 50823
Date Entered: 97-07-17
File Name: TEK97089.I
Page No.: 1

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
A1	45101	60	0.2	1.47	45	25	1.1	4	9.27	1.4	21	96	420	7.01	0.10	2	0.77	1210	4	0.02	55	975	20	6	1	0.04	99	0.06	83	1	171
A1	45102	40	0.1	0.89	23	18	0.7	6	12.83	1.2	18	41	203	3.84	0.05	3	0.55	1126	1	0.02	28	836	12	4	1	0.03	134	0.05	59	1	119
A1	45103	30	0.1	0.73	25	8	0.7	1	11.81	1.1	19	61	293	3.83	0.04	2	0.29	1070	3	0.01	21	889	12	1	1	0.03	148	0.04	52	1	77
A1	45104	40	0.1	0.79	51	10	0.6	6	9.91	0.7	29	65	289	4.53	0.05	2	0.27	1137	2	0.01	21	847	13	1	1	0.03	109	0.05	50	1	69
A2	45105	10	0.4	0.60	21	13	0.7	1	14.74	0.6	7	21	69	1.22	0.05	2	0.21	892	1	0.05	6	846	10	4	1	0.03	183	0.06	42	1	46
A2	45106	20	0.2	0.74	30	9	0.7	1	12.47	0.6	19	34	135	2.93	0.04	1	0.39	1136	1	0.02	9	868	13	4	1	0.04	141	0.05	54	1	94
A2	45107	20	0.1	0.64	33	7	0.5	1	11.41	0.1	16	31	182	2.89	0.03	1	0.28	908	1	0.02	9	773	8	1	1	0.04	124	0.05	39	1	76
A2	45108	240	1.0	0.57	85	8	0.3	1	4.79	9.1	66	37	584	7.49	0.04	1	0.10	493	2	0.01	37	898	25	4	1	0.22	27	0.06	47	1	498
A2	45109	20	0.4	0.69	53	7	0.4	9	6.16	7.6	10	33	214	2.69	0.02	1	0.10	731	3	0.02	9	967	43	2	1	0.06	45	0.07	45	1	493
A2	45110	120	3.4	0.66	106	6	0.4	13	2.49	2.6	85	54	1300	12.99	0.03	1	0.11	391	1	0.01	40	1089	31	1	1	0.07	11	0.08	56	1	187
A2	45111	100	1.8	0.94	49	10	0.3	34	3.08	6.8	30	63	700	7.20	0.04	1	0.15	551	1	0.05	22	941	124	5	1	0.09	30	0.08	60	1	433
A2	45112	30	0.1	1.42	37	13	0.3	4	2.82	0.1	28	104	394	5.55	0.06	1	0.23	506	1	0.03	40	831	3	6	1	0.06	58	0.10	73	1	37
A2	45113	50	1.0	1.14	55	11	0.5	5	5.82	1.0	86	58	665	8.86	0.04	5	0.51	776	2	0.06	30	977	15	1	1	0.08	66	0.08	49	1	81
A1	45114	210	2.1	1.03	167	5	0.5	6	4.93	0.1	33	55	1142	19.80	0.04	4	0.34	624	1	0.01	57	1034	5	1	1	0.07	47	0.05	45	1	84
A1	45115	60	0.1	1.75	38	6	0.4	1	3.02	0.5	16	67	269	6.88	0.06	5	0.46	740	1	0.09	45	1195	10	5	1	0.05	92	0.11	62	1	65
A1	45116	20	1.4	1.03	34	3	0.4	1	5.37	0.1	32	41	600	14.86	0.02	2	0.20	1126	1	0.01	54	1036	4	1	1	0.14	17	0.09	62	1	67
A1	45117	30	1.3	0.96	37	4	0.4	7	3.62	0.1	39	31	1150	16.95	0.03	3	0.20	658	1	0.02	72	1053	5	1	1	0.08	23	0.06	59	1	75
A1	45118	160	0.1	0.83	37	7	0.4	1	3.20	0.1	81	29	1064	22.99	0.03	4	0.22	732	1	0.01	55	1124	1	1	1	0.06	15	0.06	46	1	69
A1	45119	60	0.1	0.96	30	3	0.4	1	4.68	0.1	36	41	924	15.23	0.02	4	0.17	1048	2	0.01	33	1014	7	1	1	0.10	11	0.07	59	1	82
A1	45120	90	0.2	0.62	24	15	0.4	1	3.11	0.1	40	61	432	17.04	0.06	3	0.11	481	1	0.03	17	904	3	1	1	0.09	19	0.09	80	1	48
A1	45121	80	0.1	1.26	16	9	0.8	1	2.81	0.1	31	111	450	17.52	0.04	4	0.39	966	1	0.04	43	753	6	1	1	0.05	29	0.07	61	1	117
A1	45122	70	0.5	0.84	121	12	0.8	4	6.77	0.1	34	31	882	18.67	0.04	5	0.36	883	1	0.02	27	826	6	1	1	0.23	72	0.04	45	1	93
A1	45123	100	0.4	1.12	54	16	1.6	1	7.68	0.7	48	27	1037	21.35	0.05	7	0.66	953	3	0.02	27	1051	4	1	1	0.10	136	0.04	51	1	91
A2	45124	70	0.3	1.74	68	16	0.4	4	1.42	0.6	16	54	218	8.18	0.08	3	0.48	482	4	0.12	22	930	19	1	1	0.04	112	0.11	49	1	81
A1	45125	30	0.1	2.29	19	15	0.4	1	1.54	0.1	23	40	314	7.74	0.07	6	0.52	425	1	0.25	42	897	17	4	1	0.04	159	0.08	49	1	58
A1	45126	90	0.6	0.75	74	3	0.5	1	3.82	0.1	187	36	969	28.74	0.03	7	0.11	534	1	0.01	102	1060	1	1	1	0.09	23	0.03	26	1	63
A1	45127	180	4.2	1.07	73	10	0.5	7	2.95	0.6	35	44	1317	14.56	0.07	4	0.39	589	3	0.04	37	1164	14	1	1	0.08	47	0.06	43	1	70
A2	45128	60	0.1	1.65	55	8	0.6	1	4.14	0.1	48	40	528	18.01	0.06	4	0.32	655	1	0.08	44	1051	8	4	1	0.08	59	0.07	64	1	65
A1	45129	250	2.5	1.04	44	7	0.7	1	3.16	0.1	121	29	1470	26.48	0.04	9	0.16	672	1	0.06	66	1075	3	1	1	0.06	25	0.06	55	1	79
A2	45130	270	3.9	1.02	91	3	0.5	22	4.72	0.1	22	37	4444	20.79	0.03	7	0.14	1042	1	0.01	46	817	12	1	1	0.11	5	0.07	72	1	74
A2	45131	60	0.4	3.62	56	10	0.8	1	3.43	1.1	17	35	339	6.29	0.07	2	0.34	598	1	0.25	25	1441	18	7	1	0.04	214	0.09	73	1	98
A2	45132	80	0.1	2.09	38	13	0.7	4	4.87	0.7	25	38	603	11.60	0.06	5	0.46	998	1	0.11	42	1228	13	3	1	0.12	89	0.09	70	1	91
A1	45133	40	0.1	1.06	45	17	1.2	8	10.29	1.0	42	58	386	9.83	0.07	4	0.63	1135	1	0.02	25	945	15	1	1	0.06	142	0.04	68	1	83
A1	45134	50	0.2	1.02	43	19	0.7	7	8.58	0.6	47	43	406	9.30	0.08	3	0.68	941	1	0.02	30	1036	14	11	1	0.06	90	0.04	61	1	71
A2	45135	20	0.1	0.77	29	16	0.5	1	10.67	0.6	27	38	194	4.17	0.05	4	0.44	727	1	0.02	18	960	15	1	1	0.04	104	0.04	43	1	53
A1	45136	20	0.1	0.77	54	50	0.6	7	8.11	0.7	55	13	335	10.87	0.07	5	0.25	499	5	0.04	27	1221	9	4	1	0.07	131	0.04	29	1	42
A1	45137	20	0.1	1.46	40	29	1.0	9	6.95	1.1	28	19	377	10.26	0.08	5	0.68	834	1	0.07	20	1138	14	1	1	0.08	115	0.07	78	1	73
A2	45138	40	0.1	0.81	37	21	0.7	1	7.33	0.8	37	15	525	15.29	0.06	7	0.31	646	1	0.08	30	1124	10	3	1	0.10	81	0.04	44	1	60

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2225 Springer Ave., Burnaby,
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To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: # 1734

Type of Analysis: ICP

Certificate: 97091
Invoice: 50823
Date Entered: 97-07-17
File Name: TEK97091.I
Page No.: 1

PRE FIX	SAMPLE NAME	BBB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
A1	45040	120	1.2	0.82	35	11	0.7	1	2.86	0.8	91	22	1406	18.54	0.05	6	0.18	559	3	0.09	40	1002	11	1	1	0.05	31	0.03	30	1	79
A1	45041	550	0.5	0.61	26	11	0.5	1	4.05	0.1	87	20	1118	21.19	0.05	7	0.14	412	6	0.06	37	848	5	1	1	0.05	44	0.02	20	1	63
A1	45042	100	0.5	1.14	21	15	0.7	6	3.46	0.1	79	15	882	15.92	0.06	6	0.26	612	1	0.05	29	1154	11	1	1	0.09	43	0.08	56	1	64
A1	45043	160	0.4	2.06	20	13	0.6	6	1.83	0.1	48	52	821	13.62	0.08	8	0.29	376	1	0.15	47	918	12	4	1	0.03	72	0.06	50	1	69
A1	45044	130	0.1	1.06	31	8	0.5	1	3.24	0.1	86	35	738	16.92	0.05	7	0.13	584	1	0.12	43	1049	5	1	1	0.06	39	0.07	52	1	61
A1	45045	90	0.9	0.95	35	22	0.8	11	4.46	0.6	94	25	900	17.40	0.05	9	0.33	901	3	0.04	39	1038	12	5	1	0.11	46	0.06	47	1	79
A1	45046	90	0.1	0.98	62	35	0.4	1	1.87	0.1	31	33	196	10.33	0.08	6	0.23	988	4	0.03	12	788	20	8	1	0.04	13	0.10	60	1	57
A1	45047	160	0.2	1.16	24	11	0.7	5	1.63	0.6	79	20	770	16.23	0.05	11	0.24	651	1	0.08	26	1073	11	1	1	0.03	21	0.07	53	1	85
A1	45048	240	0.1	0.83	35	13	0.6	1	1.55	0.7	34	19	742	19.14	0.05	12	0.21	492	1	0.04	21	1122	8	2	1	0.04	16	0.05	39	1	69
A1	45049	90	0.2	1.16	27	24	0.5	1	0.91	0.6	75	32	641	11.43	0.07	9	0.26	253	1	0.06	27	942	15	7	1	0.03	35	0.09	47	1	81
A1	45139	60	0.4	1.42	29	14	0.6	9	3.78	0.9	56	41	745	10.79	0.07	6	0.33	708	1	0.16	27	1102	13	6	1	0.08	45	0.07	57	1	114
A1	45140	100	3.0	1.08	20	5	0.6	10	3.22	1.5	58	32	2103	18.56	0.05	8	0.18	1023	1	0.08	30	1099	15	1	1	0.06	15	0.07	52	1	160
A1	45141	90	0.3	0.70	44	11	0.5	5	2.54	0.1	48	31	1087	19.00	0.07	10	0.14	331	4	0.03	18	1065	7	1	1	0.07	19	0.07	61	1	63
A1	45142	120	0.8	1.00	176	16	0.5	6	1.63	1.2	70	28	1320	20.18	0.07	10	0.28	429	2	0.08	24	1123	5	1	1	0.04	24	0.08	61	1	82
A1	45143	130	1.6	1.00	75	11	0.7	6	2.47	0.6	140	17	1210	22.27	0.05	10	0.30	622	2	0.03	24	1056	5	3	1	0.05	19	0.08	63	1	100
A1	45144	120	0.4	0.75	23	7	0.5	7	3.54	0.1	87	24	1216	19.01	0.05	9	0.13	391	1	0.07	26	952	5	1	1	0.09	20	0.07	58	1	77
A1	45145	100	0.6	0.85	21	8	0.6	6	2.97	1.0	80	17	1214	20.06	0.04	11	0.16	419	2	0.05	26	976	8	1	1	0.08	17	0.07	60	1	78
A1	45146	80	1.4	1.41	36	21	0.6	6	1.70	0.6	47	24	716	12.65	0.08	10	0.28	382	1	0.14	18	1196	17	9	1	0.04	40	0.12	72	1	81
A1	45147	250	0.4	0.79	36	7	0.6	9	3.87	0.1	87	14	1466	21.85	0.05	10	0.16	506	1	0.12	53	829	7	1	1	0.07	50	0.03	26	1	76
A1	45148	220	3.4	0.75	34	14	0.5	20	4.20	0.9	87	23	2400	15.47	0.06	8	0.16	419	1	0.09	40	824	14	7	1	0.08	47	0.04	27	1	65
A1	45149	360	0.4	0.67	27	14	0.5	3	3.06	0.7	85	21	1153	21.96	0.06	9	0.11	295	2	0.06	36	997	5	1	1	0.10	33	0.05	38	1	65
A1	45150	130	0.1	0.70	34	9	0.5	1	4.49	0.6	81	25	830	15.76	0.06	7	0.14	536	1	0.08	32	1043	12	9	1	0.08	45	0.04	30	1	68
A1	72343	5000	0.3	0.81	61	11	0.5	20	6.70	0.8	91	51	2100	16.44	0.06	11	0.10	1116	15	0.03	39	723	15	1	1	0.22	8	0.06	80	19	57
A1	72344	950	0.1	1.03	44	52	0.6	13	4.69	0.9	62	61	673	12.11	0.09	12	0.29	1216	6	0.05	25	1059	18	6	1	0.06	16	0.07	60	1	65
A1	72345	290	0.1	0.88	31	50	0.5	11	5.18	1.3	18	66	300	6.74	0.08	9	0.25	1041	10	0.04	14	919	15	7	1	0.08	17	0.06	76	1	44
A1	72346	1100	0.1	0.72	57	8	0.5	9	5.20	1.0	86	59	430	14.83	0.05	10	0.15	1189	8	0.03	32	1183	13	5	1	0.15	11	0.06	70	3	47
A1	72347	740	0.1	0.22	21	8	0.5	1	0.67	0.1	281	13	645	38.10	0.04	13	0.12	402	1	0.03	78	848	1	1	1	0.05	5	0.01	11	12	68

CERTIFIED BY: Rossbach

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

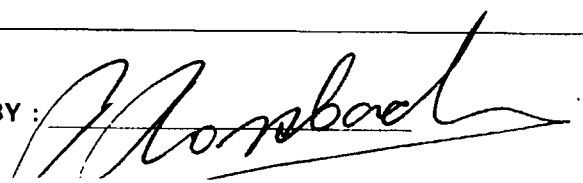
To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: # 1738

Type of Analysis: ICP

Certificate: 97098 I
Invoice: 50823
Date Entered: 97-07-14
File Name: TEK97098.I
Page No.: 1

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
A1	45090	8900	1.0	3.85	37	32	0.9	10	1.90	1.4	17	68	340	6.91	0.12	10	1.12	1375	2	0.15	27	1457	25	1	1	0.05	93	0.12	130	1	121
A1	45091	130	0.1	3.06	32	49	0.9	1	2.29	1.1	14	65	70	4.38	0.11	10	0.96	1344	1	0.18	24	1526	17	8	1	0.04	173	0.14	120	1	81
A1	45092	620	0.5	2.91	61	69	0.7	1	2.19	0.7	15	44	238	3.19	0.16	8	0.54	790	2	0.10	21	1329	17	3	1	0.05	84	0.10	65	1	57
A1	45093	160	0.6	1.48	26	52	0.6	1	0.64	1.2	25	56	626	5.84	0.13	9	0.67	629	4	0.06	26	1496	22	4	1	0.03	41	0.10	99	1	89
A1	45094	1700	0.4	2.38	69	50	0.7	7	1.39	0.7	55	65	260	6.75	0.22	10	0.98	868	5	0.10	23	1315	21	8	1	0.04	88	0.13	96	1	147
A1	45095	80	0.1	1.77	39	36	0.9	1	1.39	1.1	35	69	110	3.56	0.12	10	1.00	1044	2	0.07	25	1446	19	4	1	0.04	71	0.08	101	1	231
A1	45096	60	0.1	2.06	31	38	0.8	1	1.60	2.9	8	63	114	3.14	0.12	6	1.09	1445	2	0.06	21	1319	127	6	1	0.04	82	0.10	105	1	339
A1	45097	60	0.1	2.46	32	42	1.0	1	2.36	5.9	12	63	116	3.43	0.16	11	0.88	1219	2	0.12	20	1596	23	9	1	0.04	122	0.09	109	1	1103
A1	45098	1200	2.3	1.70	38	22	0.9	12	1.21	2.7	26	61	370	10.65	0.11	10	0.74	1329	8	0.03	28	1434	27	5	1	0.04	38	0.09	89	1	345

CERTIFIED BY : 

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: # 1738

Type of Analysis: ICP

Certificate: 97104
Invoice: 50840
Date Entered: 97-07-25
File Name: TEK97104.I
Page No.: 1

PREFIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
A1	45151	200	2.7	1.10	116	6	1	1	9.00	2.2	58	84	1200	12.82	0.09	12	0.45	1006	51	0.04	62	1330	35	1	1	0.02	79	0.04	30	59	81
A1	45152	130	1.2	1.61	113	108	1	1	0.47	0.5	12	30	188	4.99	0.19	10	0.46	353	9	0.09	13	1125	11	1	1	0.03	48	0.12	62	30	112
A1	45153	360	4.0	0.87	408	3	1	1	3.12	2.1	48	36	2000	20.98	0.09	25	0.31	538	1	0.03	70	1404	28	1	1	0.06	26	0.06	40	100	121
A1	45154	100	3.0	1.07	521	13	1	1	2.48	1.9	111	1	1484	17.78	0.09	25	0.42	894	3	0.07	26	1380	21	2	1	0.02	29	0.06	41	87	123
A1	45155	220	3.4	0.79	34	8	1	1	2.93	1.9	50	1	1438	17.64	0.08	20	0.15	484	1	0.05	16	1292	18	1	1	0.16	17	0.08	49	44	85
A1	45156	3100	3.3	0.55	52	6	1	10	3.88	2.5	101	1	3636	17.56	0.08	22	0.14	1082	4	0.04	46	1440	32	1	1	0.01	9	0.04	40	239	83
A1	45157	370	3.6	0.11	18	5	1	12	0.29	3.9	332	1	2567	30.35	0.07	41	0.12	435	1	0.02	50	1267	40	3	1	0.06	3	0.01	1	83	94
A1	45158	70	1.7	0.99	70	14	1	1	5.71	2.0	59	28	1000	10.30	0.08	12	0.12	1787	7	0.04	16	1146	39	1	1	0.02	11	0.05	27	40	105
A1	45159	120	2.7	0.71	51	5	1	1	1.90	4.1	158	15	2078	17.89	0.08	29	0.31	944	1	0.03	37	1487	32	1	1	0.01	10	0.03	11	27	190
A1	45160	3300	8.7	0.23	60	5	1	23	8.92	2.9	27	31	5239	1.11	0.09	15	0.20	465	22	0.04	21	1094	34	1	1	0.04	105	0.02	3	12	177
A1	45161	620	2.4	0.58	31	4	1	1	2.54	1.6	122	12	2403	17.64	0.08	23	0.15	685	31	0.03	38	1408	26	1	1	0.02	11	0.06	28	53	63
A1	45162	720	2.3	0.71	20	3	1	1	3.62	1.6	221	16	2860	16.38	0.08	19	0.13	890	17	0.04	39	1480	27	5	1	0.02	10	0.06	31	39	69

CERTIFIED BY : P. Rossbach

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: # 1738

Type of Analysis: ICP

Certificate: 97107
Invoice: 50840
Date Entered: 97-09-08
File Name: TEK97107.I
Page No.: 1

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
A1	45163	3200	1.4	0.64	42	9	0.4	18	3.16	3.6	189	12	1200	27.03	0.03	15	0.16	1147	10	0.02	62	1029	16	9	1	0.05	8	0.04	45	65	78
A1	45164	260	0.8	1.24	21	25	0.7	15	2.32	1.0	131	36	890	12.86	0.12	19	0.53	511	7	0.05	38	1038	18	10	1	0.02	46	0.12	58	2	72
A1	45165	170	0.6	0.52	30	6	0.2	4	3.35	0.9	45	65	350	6.25	0.03	8	0.14	602	44	0.01	19	1534	8	6	1	0.07	14	0.04	37	1	35
A1	45166	390	1.6	1.11	82	14	0.5	4	4.91	1.4	97	36	1000	13.87	0.05	11	0.15	1273	27	0.02	73	1237	13	7	1	0.06	12	0.08	56	3	69
A1	45167	1700	2.6	1.20	87	31	0.5	17	4.71	1.5	82	41	1450	13.74	0.05	13	0.23	1443	22	0.02	67	1125	14	6	1	0.05	22	0.12	66	1	63
A1	45168	40	0.6	0.98	14	116	0.4	1	1.36	3.1	18	40	130	3.12	0.09	15	0.66	534	3	0.09	10	998	9	10	1	0.03	52	0.28	57	1	76
A1	45169	90	1.6	1.02	39	15	0.5	7	4.31	1.8	97	29	1580	13.52	0.07	11	0.22	1351	7	0.02	15	1049	19	3	1	0.07	12	0.06	59	1	79
A1	45170	90	3.0	0.84	215	15	0.4	14	1.75	2.2	281	16	2100	20.90	0.03	19	0.22	722	20	0.01	30	1439	15	6	1	0.02	12	0.04	29	1	112

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ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: # 1738

Type of Analysis: ICP

Certificate: 97109
Invoice: 50840
Date Entered: 97-09-08
File Name: TEK97109.I
Page No.: 1

PREFIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
A1	45171	20	0.1	1.68	56	53	0.8	1	0.48	2.0	18	82	76	3.94	0.09	21	1.27	644	10	0.06	41	1299	16	8	1	0.02	36	0.04	139	1	189
A1	45172	30	0.1	1.59	67	58	1.0	1	0.53	1.2	21	82	96	4.23	0.09	23	1.04	570	14	0.07	56	1285	12	2	1	0.02	40	0.09	160	1	232
A1	45173	35	0.1	1.58	65	51	0.8	1	0.46	1.4	19	82	80	4.09	0.10	16	1.17	652	8	0.05	42	1349	12	3	1	0.02	32	0.10	163	1	165
A1	45174	10	0.1	1.37	48	52	0.6	1	0.70	1.5	14	77	78	3.84	0.10	17	0.82	502	12	0.05	36	1367	10	3	1	0.02	49	0.10	145	1	160
A1	45175	1200	1.3	4.20	48	26	0.7	5	2.26	0.7	8	53	240	4.39	0.15	11	0.87	1137	4	0.12	13	1486	10	9	1	0.03	108	0.14	101	11	132
A1	45176	90	1.4	1.99	26	55	0.5	4	2.06	0.5	8	69	174	3.19	0.13	8	0.68	1370	3	0.14	17	1687	14	8	1	0.04	86	0.14	118	1	87

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2225 Springer Ave., Burnaby,
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Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: # 1738

Type of Analysis: ICP

Certificate: 97115 I
Invoice: 50840
Date Entered: 97-09-20
File Name: TEK97115.I
Page No.: 1

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
A1	45185	30	0.1	1.33	121	9	1.0	3	9.27	1.7	5	26	368	7.49	0.01	15	0.12	1765	2	0.04	12	2393	31	1	1	0.19	18	0.05	58	23	97
A1	45186	130	0.1	2.06	40	11	1.0	1	8.25	2.8	13	30	520	5.33	0.02	7	0.26	1421	1	0.04	35	912	23	1	1	0.13	29	0.06	49	7	206
A1	45187	160	0.1	1.17	66	32	1.0	1	8.78	1.1	19	25	396	8.03	0.02	11	0.22	1536	3	0.04	67	910	19	1	1	0.19	37	0.07	55	4	58
A1	45188	900	0.1	1.44	71	33	1.0	1	6.47	0.9	7	34	116	5.21	0.04	0	0.19	1616	3	0.04	10	989	14	7	1	0.14	18	0.08	57	1	41
A1	45189	40	0.1	0.62	17	41	1.0	1	0.73	0.7	17	33	236	2.94	0.09	11	0.56	193	2	0.07	26	895	12	1	1	0.04	11	0.19	55	1	32
A1	45190	90	0.1	1.74	21	26	1.0	1	3.24	1.1	14	23	210	4.24	0.06	10	0.67	948	1	0.09	21	645	15	3	1	0.04	25	0.15	70	1	75
A1	45191	65	0.2	1.50	28	7	1.0	1	8.66	1.0	28	50	276	8.76	0.01	10	0.11	2304	4	0.04	8	877	38	3	1	0.18	10	0.06	39	1	49
A1	45192	70	0.1	1.48	17	64	1.0	1	2.22	0.7	19	38	178	4.01	0.06	11	0.79	649	4	0.06	25	912	13	6	1	0.04	39	0.19	70	1	42
A1	45193	40	0.2	2.89	22	143	1.0	1	1.77	1.0	29	22	234	3.40	0.08	11	1.11	486	3	0.31	19	686	13	9	1	0.04	131	0.18	72	1	42
A1	45194	55	0.4	1.20	14	21	1.0	1	4.83	0.9	66	43	1300	10.30	0.01	8	0.21	1480	5	0.03	30	803	31	1	1	0.12	9	0.08	54	1	81
A1	45195	60	1.7	1.00	81	17	1.0	1	4.09	0.9	91	28	900	10.62	0.01	11	0.17	1082	2	0.03	34	972	20	1	1	0.09	6	0.05	43	1	57
A1	45196	40	1.1	1.41	29	33	1.0	3	2.53	1.1	36	23	300	5.67	0.12	11	0.49	775	2	0.04	26	780	13	1	1	0.04	25	0.10	62	1	94
A1	45197	45	1.1	1.03	22	21	1.0	1	1.26	0.5	29	45	276	5.76	0.04	12	0.55	404	5	0.04	26	961	14	8	1	0.04	18	0.14	66	1	49
A1	45351	150	1.1	0.90	32	21	1.0	7	3.95	0.6	70	32	440	12.07	0.03	13	0.19	1037	61	0.03	67	1489	21	4	1	0.07	12	0.06	37	1	75
A1	45352	90	1.0	0.64	60	10	1.0	14	1.91	1.7	261	2	610	27.45	0.07	21	0.22	1316	12	0.03	307	888	28	5	1	0.04	4	0.04	17	1	75
A1	45353	1100	4.4	1.20	52	18	1.0	8	4.96	1.7	80	51	4800	12.46	0.04	14	0.19	1045	14	0.04	72	1089	29	1	1	0.17	17	0.11	40	1	184
A1	45354	150	0.1	2.09	42	241	1.0	1	2.35	0.1	11	33	74	1.18	0.16	14	0.22	233	20	0.27	13	851	8	5	1	0.04	79	0.21	47	1	29
A1	45355	2600	1.0	0.44	161	19	1.0	1	14.37	0.5	43	20	62	0.61	0.01	9	0.16	1199	12	0.04	8	2024	14	1	1	0.04	75	0.03	29	10	14
A1	45356	200	0.1	1.51	37	9	1.0	1	7.66	0.7	9	47	34	1.27	0.01	24	0.11	1011	7	0.03	6	1188	12	1	1	0.08	18	0.07	42	1	25
A1	45357	90	0.1	1.41	95	38	1.0	3	5.59	1.1	55	59	340	7.98	0.01	16	0.16	1738	6	0.03	20	1449	20	1	1	0.14	13	0.05	75	1	57
A1	45358	160	0.7	0.99	124	16	1.0	1	4.46	0.7	1013	51	1140	13.46	0.03	24	0.10	582	4	0.03	53	1813	21	1	1	0.15	12	0.05	48	81	41
A1	45359	1080	0.8	0.51	31	11	1.0	18	0.90	1.4	379	36	675	23.69	0.02	15	0.14	239	4	0.03	131	613	19	1	1	0.04	11	0.03	17	23	49
A1	45360	460	1.7	0.63	49	18	1.0	7	3.09	1.0	48	63	1300	11.95	0.02	11	0.13	472	3	0.03	71	828	20	3	1	0.10	24	0.04	27	1	42
A1	45361	640	4.9	0.62	96	8	1.0	21	3.44	2.2	641	34	4700	24.58	0.01	20	0.15	308	3	0.03	81	1083	40	1	1	0.11	7	0.03	17	1	97
A1	45362	100	0.4	1.75	60	56	1.0	1	7.39	1.1	26	142	200	6.75	0.03	15	0.22	1419	16	0.04	21	725	14	1	1	0.17	25	0.16	49	1	41
A1	45363	2060	0.1	0.69	96	41	1.0	1	10.42	0.1	10	13	28	0.89	0.04	9	0.20	593	10	0.04	6	2773	12	1	1	0.05	86	0.06	23	1	14
A1	45364	1050	0.3	0.15	366	8	1.0	1	17.90	0.1	170	2	80	1.43	0.01	8	0.07	797	12	0.04	10	3212	15	1	1	0.05	117	0.01	15	17	15
A1	45365	680	0.4	0.48	236	29	1.0	1	8.40	0.7	145	14	75	0.89	0.01	10	0.14	784	8	0.03	8	1843	9	1	1	0.06	71	0.02	11	4	32
A1	45366	40	0.3	0.85	36	8	1.0	1	4.95	0.8	7	34	24	1.34	0.01	21	0.14	811	5	0.03	6	1150	9	5	1	0.11	19	0.04	35	1	49
A1	45367	70	0.2	0.74	69	20	1.0	1	4.03	0.6	35	44	260	2.15	0.02	25	0.09	687	8	0.03	11	1555	22	1	1	0.11	16	0.05	32	7	33
A1	45368	80	1.0	0.67	83	11	1.0	1	4.49	1.0	66	39	520	3.76	0.01	15	0.09	765	3	0.03	15	2040	22	1	1	0.16	14	0.05	41	5	34
A1	45369	230	2.6	0.47	93	6	1.0	8	2.87	0.5	233	32	538	14.14	0.01	15	0.10	609	7	0.03	65	1225	24	2	1	0.06	7	0.03	8	1	67
A1	45370	60	0.2	0.97	42	12	1.0	1	4.45	0.1	7	39	34	2.67	0.01	21	0.10	914	2	0.03	8	1520	8	4	1	0.23	11	0.05	52	3	32
A1	45371	70	0.2	0.81	115	11	1.0	1	4.53	0.7	21	51	220	3.17	0.01	23	0.06	674	2	0.03	13	2524	13	1	1	0.28	13	0.05	51	6	32
A1	45372	340	3.8	0.79	95	14	1.0	7	5.02	1.6	95	35	2800	10.33	0.02	14	0.09	947	8	0.03	45	1072	30	2	1	0.18	11	0.05	64	253	96
A1	45373	190	0.4	0.41	74	43	1.0	1	2.28	0.9	18	86	160	3.28	0.04	14	0.10	342	4	0.03	18	980	14	4	1	0.08	12	0.04	33	7	24
A1	45374	600	2.0	0.45	33	18	1.0	12	1.04	1.3	249	40	850	19.78	0.01	12	0.17	293	3	0.03	110	686	20	1	1	0.05	10	0.02	22	17	51
A1	45375	1670	1.6	0.55	31	21	1.0	9	2.25	1.0	107	54	1590	12.59	0.01	13	0.13	390	5	0.03	84	309	21	1	1	0.09	9	0.03	16	1	47
A1	45376	890	3.0	0.46	55	24	1.0	9	1.87	1.7	213	40	2560	15.82	0.01	13	0.12	316	6	0.03	85	818	24	4	1	0.06	19	0.02	18	12	64
A1	45377	430	1.4	0.45	51	39	1.0	6	1.39	1.2	48	70	620	12.40	0.04	15	0.12	313	6	0.03	38	506	17	4	1	0.07	20	0.03	18	24	42

CERTIFIED BY :

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: # 1738

Type of Analysis: ICP

Certificate: 97115 I
Invoice: 50840
Date Entered: 97-09-20
File Name: TEK97115.I
Page No.: 2

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
A1	45378	4200	3.8	0.30	57	31	1.0	25	0.96	2.5	69	9	2400	25.06	0.01	18	0.18	406	4	0.03	38	922	34	3	1	0.06	12	0.01	37	152	108
A1	45379	1580	2.8	0.47	60	22	1.0	6	2.27	1.5	223	30	1400	17.20	0.01	15	0.18	346	13	0.03	66	1028	24	4	1	0.06	9	0.02	22	8	57
A1	45380	410	3.2	0.80	71	26	1.0	13	3.43	2.3	168	54	2200	16.29	0.02	15	0.17	731	7	0.03	88	795	29	6	1	0.08	16	0.06	43	1	67
A1	45381	150	0.4	1.26	79	39	1.0	1	4.91	1.0	54	96	280	5.69	0.01	17	0.16	793	16	0.03	29	887	20	1	1	0.19	9	0.09	31	1	39
A1	45382	130	0.4	0.79	29	26	1.0	6	3.33	1.3	53	40	340	9.03	0.03	12	0.17	1000	23	0.03	53	1303	18	2	1	0.07	12	0.05	35	1	71
A1	45383	80	0.4	0.88	37	39	1.0	1	4.45	1.2	20	39	214	5.70	0.05	11	0.19	1175	6	0.04	43	1009	12	3	1	0.10	15	0.06	45	1	44
A1	45384	590	1.8	0.87	58	36	1.0	1	2.73	1.6	53	49	1050	7.67	0.06	12	0.24	715	33	0.03	49	1080	18	6	1	0.06	16	0.09	72	1	83
A1	45385	280	3.0	0.73	50	27	1.0	15	2.25	1.8	115	18	1700	15.82	0.04	15	0.20	794	28	0.03	123	923	22	4	1	0.05	11	0.05	51	1	99
A1	45386	300	3.2	0.89	173	23	1.0	8	4.30	2.1	155	23	1520	15.25	0.03	14	0.13	1341	10	0.04	135	826	26	1	1	0.09	9	0.04	29	1	74
A1	45387	1000	2.5	1.09	382	28	1.0	17	2.19	2.0	126	15	1100	18.21	0.07	17	0.28	991	34	0.03	108	792	28	11	1	0.05	11	0.05	30	1	76

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2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: # 1738

Type of Analysis: ICP

Certificate: 97140 I
Invoice: 50840
Date Entered: 97-10-01
File Name: TEK97140.I
Page No.: 1

PREFIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Si	PPM Sr	% Ti	PPM V	PPM W	PPM Zn
A1	DH - A	20	2.0	3.08	29	43	1	1	6.59	1.8	19	56	138	8.24	0.09	23	1.68	2588	4	0.04	23	661	23	1	1	0.02	132	0.04	30	1	100
A1	DH - B	700	2.0	0.72	31	7	1	1	5.42	1.9	46	142	1000	9.64	0.19	6	0.07	1129	8	0.09	44	934	26	1	1	0.03	7	0.04	62	12	134
A1	DH - C	50	0.9	1.25	40	212	1	4	3.05	0.9	42	103	343	5.94	0.09	9	0.46	863	8	0.03	33	490	10	6	1	0.06	38	0.12	40	1	55
A1	DH - D	150	0.8	1.68	57	11	1	1	5.64	1.0	20	65	384	0.87	0.09	4	0.10	318	11	0.07	11	851	11	2	1	0.02	35	0.07	41	1	55
A1	DH - E	180	1.7	1.00	174	25	1	4	14.35	1.4	50	48	83	1.13	0.08	17	0.28	829	66	0.05	7	3739	14	1	1	0.16	75	0.19	49	1	31
A1	DH - F	100	0.4	1.28	47	74	1	1	6.58	0.9	8	51	66	0.88	0.08	8	0.11	793	58	0.04	9	605	11	5	1	0.01	46	0.21	40	1	29
A1	DH - G	110	0.2	0.99	32	42	1	1	1.17	0.3	27	25	263	2.51	0.07	5	0.49	175	55	0.02	22	857	74	10	1	0.06	59	0.07	1	1	31
A1	DH - H	630	3.0	1.15	188	12	1	1	2.40	1.4	230	78	838	11.55	0.08	8	0.27	479	37	0.04	111	620	49	9	1	0.02	8	0.17	27	3	81
A1	DH - I	210	0.8	1.35	18	74	1	4	1.60	1.1	18	35	300	5.02	0.08	9	0.60	681	43	0.03	8	945	17	6	1	0.01	37	0.04	11	8	73
A1	DH - J	70	2.2	0.98	34	38	1	7	14.03	1.8	13	36	228	2.16	0.09	14	0.84	1030	4	0.04	8	1135	18	7	1	0.04	110	0.05	3	2	53
A1	DH - K	190	2.3	0.95	31	62	1	4	11.90	1.7	16	24	594	1.81	0.08	20	0.60	805	8	0.03	7	1334	13	8	1	0.02	102	0.02	28	1	47

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CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: # 1738

Type of Analysis: Gold Metallics

Certificate: 97072 metallics
Invoice: 50823
Date Entered: 97-06-24
File Name: TEK97072.M
Page No.: 1

PRE FIX	SAMPLE NAME	oz/t -150M	oz/t +150M	mg.Au +150M	wt.gm -150M	wt.gm +150M	oz/t FINAL	g/t FINAL
P	17742	0.130	0.346	0.069	272	5.82	0.135	4.36
P	17743	0.136	0.131	0.010	240	2.22	0.136	4.67

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CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: # 1738

Type of Analysis: Gold Metallics

Certificate: 97098 M
Invoice: 50823
Date Entered: 97-07-21
File Name: TEK97098.M
Page No.: 1

PRE FIX	SAMPLE NAME	oz/t -150M	oz/t +150M	mg.Au +150M	wt.gm -150M	wt.gm +150M	oz/t FINAL	g/t FINAL
A1	72343	0.175	0.071	0.008	290	3.23	0.174	5.97
A1	45090	0.297	0.146	0.134	244	26.8	0.282	9.67

CERTIFIED BY : Rossbach

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: # 1738
Type of Analysis: Assay

Certificate: 97098 Assay
Invoice: 50823
Date Entered: 97-07-29
File Name: TEK97098.A
Page No.: 1

PRE FIX	SAMPLE NAME	g/t Au
P	42344	0.95
P	45069	1.35
P	45076	0.90
P	45086	1.30
P	45090	9.67 M*)
P	45094	1.90
P	45098	1.45
P	72343	5.97 M*)
P	72345	0.30
P	72346	1.20
P	72347	0.75

M*) denotes metallics assay.

CERTIFIED BY : Rossbach

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: # 1738
Type of Analysis: Assay

Certificate: 97109 A
Invoice: 50855
Date Entered: 97-10-09
File Name: TEK97109.A
Page No.: 1

PRE FIX	SAMPLE NAME	g/t Au
P	45156	4.43
P	45160	5.60
P	45163	3.23
P	45167	2.15
P	45175	1.40
P	45182	1.75
P	45353	1.20
P	45355	3.15
P	45359	1.90

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ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: # 1738
Type of Analysis: Gold Metallics

Certificate: 97109 Metallics
Invoice: 50855
Date Entered: 97-10-14
File Name: TEK97109.M
Page No.: 1

PRE FIX	SAMPLE NAME	oz/t -150M	oz/t +150M	mg.Au +150M	wt.gm -150M	wt.gm +150M	oz/t FINAL	g/t FINAL
MP	45355	0.093	0.574	0.012	187	0.61	0.095	3.26
MP	45363	0.055	0.047	0.014	271	8.74	0.055	1.89
MP	45364	0.036	0.050	0.016	244	9.39	0.037	1.27
MP	45378	0.110	0.081	0.012	245	4.30	0.110	3.77
MP	45379	0.044	0.068	0.014	274	6.04	0.045	1.54

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CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.
350 272 VICTORIA STREET
KAMLOOPS, B.C.

Project: # 1738
Type of Analysis: Assay

Certificate: 97128 A
Invoice: 50840
Date Entered: 97-09-08
File Name: TEK97126.A
Page No.: 1

PRE FIX	SAMPLE NAME	g/t Au
P	45363	1.50
P	45364	1.40
P	45375	1.67
P	45378	4.50
P	45379	1.40
P	45387	1.70

CERTIFIED BY : Rossbach

APPENDIX 6

PETROGRAPHIC STUDY

Vancouver Petrographics Ltd.

8080 GLOVER ROAD, LANGLEY, B.C. V1M 3S3
PHONE (604) 888-1323 • FAX (604) 888-3642
email: vanpetro@vancouver.net

Report for: Greg Thompson,
Teck Exploration,
600 - 200 Burrard St.,
VANCOUVER, B.C.
V6C 3L9

Job 980019

February 4, 1998

SAMPLES:

10 rock samples from the Phoenix area B.C., numbered EH-A through J, were submitted for petrographic examination. Samples EH-F and EH-I were prepared as polished thin sections. The remainder were prepared as standard thin sections.

SUMMARY:

This suite can be subdivided into two groups. One comprises "normal" felsic igneous rocks; the other is of skarnic affinities, and includes skarnified igneous rocks and true skarns.

A. IGNEOUS ROCKS

i) Probable minor intrusives: Samples C, D and G. These three samples are virtually identical in their petrographic features, and almost certainly come from the same rock unit. They are diorite porphyries consisting of phenocrysts of plagioclase in a felsitic groundmass. The latter contains clumps (embryonic phenocrysts) of fine-grained green hornblende with associated sphene.

ii) Extrusives: Samples I and J. These rocks are porphyritic latites consisting of plagioclase phenocryts in a minutely fine-grained potassic groundmass. Minor mafic phenocrysts are strongly carbonated in Sample J. The presence of amygdules and incipient flow structures indicates extrusive origin.

B. SKARNS and SKARNIFIED ROCKS

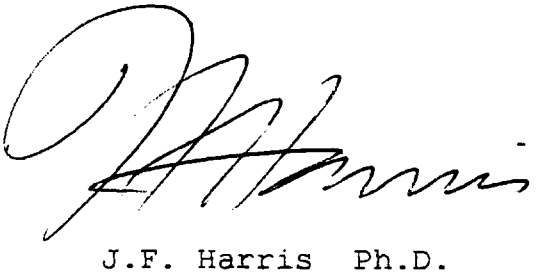
i) Skarns: Samples F and H. The first of these consists of granular quartz hosting clumps of fine-grained diopside and clusters of coarse, bladed magnetite. The second is a crudely banded intergrowth of calcite, diopside and more or less altered (turbid, carbonated) amphibole.

ii) Hybrid rocks: Samples A, B and E. Sample B is a fine-grained monzonite of minor intrusive aspect containing an irregular segregation of coarse, carbonated amphibole and intergrown albite.

Sample A is an apparent breccia of granitoid (quartzose and feldspathic) lithotypes showing extensive structurally controlled and pervasive metasomatic growth of turbid altered amphibole.

Sample E is a heterogenous intergrowth of plagioclase and K-feldspar (remnants of original monzonite?) with abundant clumps of diopside, garnet, altered amphibole, and carbonate.

Individual petrographic descriptions are attached.



J.F. Harris Ph.D.

(929-5867)

SAMPLE: EH-A **SKARNIFIED GRANITIC BRECCIA(?)**

Estimated mode

Quartz	32
Plagioclase	15
K-feldspar	25
Amphibole)	
Carbonate)	
Sphene)	27
Leucoxene)	
Opaques	1

The off-cut of this sample indicates its heterogenous character, and suggests that it is a form of breccia.

In thin section it is found to consist dominantly of quartz and feldspars. These occur as more or less discrete patches in sharp contact, and probably represent fragments in a breccia.

The quartzose areas are microgranular to mosaic-textured aggregates of varied grain size. The finest are in the 10 - 50 micron range, and the coarsest in the 0.1 - 0.5 mm range. A few of them show platy fabrics of cataclastic aspect.

The feldspars mainly occur in like mode - dominantly as rather fine, granular aggregates, but occasionally as coarse clumps (to 0.5 mm) having the aspect of igneous phenocrysts. The feldspathic areas are typically segregated from the quartzose ones.

The feldspathic areas often include clumps of amphibole of grain size up to 0.5 or 1.0 mm - typically showing strong turbid alteration.

The character of the rock is obscured by extensive alteration of an apparent skarnic type. This seems to consist dominantly of amphibole, more or less altered to a brown sub-opaque material - probably mainly carbonate. It may also include a component of sphene or leucoxene.

This material forms patches and networks, often concentrated along the contacts of the apparent fragments, and sometimes delineating a network of multidirectional fractures. Amphibole is also developed as ragged flecks and incipient skeletal/porphyroblastic growths within some of the quartzose aggregates.

Sporadic clusters of ragged, fine-grained opaques occur - mainly in general association with the turbid altered material.

The origin of this rock is uncertain. It appears to be a breccia of diverse granitoid igneous material showing extensive pervasive skarnification (actinolitization).

SAMPLE: EH-B **FINE-GRAINED MONZONITE**

Estimated mode

Plagioclase	35
Carbonate	12
Sericite	4
K-feldspar	28
Hornblende	18
Sphene	2
Apatite	1

The general character of this rock is clearly visible from the off-cut, which shows abundant white-etched (plagioclase) phenocrysts, together with dark accessory mafics, in a fine-grained yellow-stained (potassic) groundmass.

The central portion of the sectioned area is distinctive, being devoid of the potassic groundmass and including an irregular segregation - gradational with the plagioclase - of unetched material. The latter hosts a few clumps of fine-grained pyrite.

In thin section the plagioclase phenocrysts are found to be dominantly of elongate prismatic form and up to 1 mm in length. They are rendered turbid by even, pervasive alteration to minutely fine-grained sericite and carbonate. An imperfect preferred orientation of the phenocrysts is presumably related to flow.

The rather close-packed plagioclase phenocrysts are set in a groundmass or interstitial phase composed of an aggregate of fresh microgranular K-feldspar of grain size 30 - 100 microns. This is host to clusters of acicular grains of fresh, olive green hornblende, with closely associated tiny granules of sphene and euhedra of apatite.

Locally this fine-grained hornblende coalesces to form mafic phenocrysts, 0.5 - 1.0 mm in size.

The central zone appears to be a pegmatoid segregation composed of an intergrowth of compact hornblende - now almost totally altered to micritic carbonate (the unetched constituent in the off-cut) - and pockets of sparry albite. The latter is distinct from the plagioclase of the phenocrysts in being coarser, essentially untwinned, and free of turbid alteration.

The hornblende concentration extends laterally to form an interstitial network to the close-packed plagioclase phenocrysts immediately bordering the central zone. The intense carbonatization of the hornblende segregation locally spills over to affect the flanking plagioclase.

The petrography on each side of the central segregation differs

Sample EH-B cont.

slightly. On one side the ratio of plagioclase phenocrysts to potassic groundmass is significant lower than on the other, and the phenocrysts are less well-formed.

This rock is a fine-grained porphyritic monzonite, having the textural aspect of a dyke rock or intrusive border phase.

SAMPLE: EH-C **DIORITE PORPHYRY**

Estimated mode

Plagioclase	68
K-feldspar	1
Sericite	5
Hornblende	20
Sphene	3
Apatite	1
Mineral X	trace
Opaques	1
Limonite	1

As is apparent from the off-cut, this rock is another abundantly porphyritic felsic igenous rock. It differs from the previous sample (EH-B) in the fact that K-feldspar (yellow-stained) is present only as traces and the groundmass to the white-etched (plagioclase) phenocrysts is of greyish, weakly etched appearance. Mafics, though rather abundant, are fine-grained and appear mainly confined to the groundmass phase - only occasionally constituting discrete phenocrysts.

In thin section the plagioclase phenocrysts are found to range from 0.2 - 2.0 mm in size and to be of rather ill-defined, dominantly stumpy prismatic form, without any tendency for preferred orientation. They show rather even, light dustings of minutely fine-grained sericite.

The groundmass is composed of what appears to be fresh plagioclase, as a minutely microgranular aggregate on a scale of 10 - 100 microns. Traces of intergrown K-feldspar are distinguishable, and there could be some quartz in occult form (though none was positively recognized).

Mafics consist of abundant clusters of tiny grains of olive-green hornblende, partly coalescent to more or less compact, elongate or stumpy/prismatic masses (constituting skeletal/embryonic phenocrysts, 0.2 - 1.5 mm in size). Granules of sphene (locally also aggregated to small clumps) are a prominent associate of the hornblende clusters. Apatite as tiny, individual subhedra, is a less abundant accessory - occurring in the groundmass at large.

The rock contains sparse, randomly disseminated opaques, as sub-equant irregular grains, 50 - 300 microns in size. Close examination of the off-cut indicates that these are sulfides. A few of them are mantled by thin rims of a colourless, moderately birefringent mineral of uncertain identity.

The sectioned area is cut by a network of limonite-coated fractures, with associated diffuse staining of the adjacent rock.

This rock is of diorite/andesite composition, and has the textural aspect of a minor intrusive.

SAMPLE: EH-D **DIORITE PORPHYRY**

Estimated mode

Plagioclase	70
K-feldspar	trace
Sericite	3
Hornblende	19
Biotite	trace
Sphene	3
Apatite	1
Mineral X	2
Opaques	1
Limonite	1

The off-cut of this sample closely resembles that of the previous sample (EH-C). It is a homogenous, non-potassic porphyry, with stumpy prismatic phenocrysts of plagioclase which typically range up to about 2.5 mm in size.

Thin section examination confirms the close similarity to EH-C. The two samples are essentially identical in all respects, and almost certainly represent the same rock unit.

One slight difference is in the abundance of Mineral X (the moderately birefringent, colourless constituent seen, in traces, in EH-C). This occurs not only mantling opaques, but also as random clusters of small, irregular/sub-prismatic grains in the rock at large. The distribution of this constituent is seemingly independent of the host mineralogy - being seen in the fine-grained groundmass, in hornblende clusters, and in plagioclase phenocrysts. To some extent it seems to show a general spatial relation to the limonitized microfractures which cut the rock.

SAMPLE: EH-E **SKARNIFIED MONZONITE(?)**

Estimated mode

Plagioclase(?)	10
K-feldspar	34
Diopside	20
Wollastonite?)	14
Tremolite?)	
Garnet	14
Carbonate	8

The off-cut of this sample shows an intergrowth of presumed plagioclase (white-etched) and K-feldspar (yellow-stained), with rather coarse, irregular segregations of a grey, unetched component and a minor associated brown mineral.

In thin section the rock is found to be a texturally heterogenous, polymineralic intergrowth in which feldspar seem less abundant (relative to the other constituents) than in the off-cut. The rock is extensively modified by recrystallization, and porphyroblastic and poikilitic textures are widely developed.

Scattered patches of more or less homogenous feldspars up to 2 or 3 mm in size are recognizable - sometimes coarsely monogranular, sometimes as mosaics of grains 0.2 - 0.5 mm in size, and sometimes as minutely microgranular aggregates of grain size 20 - 100 microns. All appear more or less strongly recrystallized (exhibiting diffuse grain boundaries, strain-polarization and superimposed incipient microgranular fabrics) and original textural relationships are almost toally obscured. For the most part it is not possible to differentiate optically between K-feldspar and plagioclase in the thin section.

The bulk of the feldspar occurs as a matrix /interstitial phase to the abundant mafic silicates which are the dominant constituents of the rock. These are a skarnic assemblage which appears to have developed by metasomatic/porphyroblastic grain growth in what may have been an igneous protolith of monzonitic composition.

The skarnic minerals consist of diopside, garnet, wollastonite and/or tremolite, and carbonate.

The diopside typically occurs as stumpy subhedral grains, 50 - 200 microns in size, either as scattered individuals in matrices of feldspar, or aggregated as irregular mosaic-textured clumps.

The garnet (a brown variety) forms vari-sized, irregular, polygranular clumps, sometimes poikilitically incorporating granules of diopside and other constituents.

The possible wollastonite occurs as well-cleaved prismatic masses up

Sample EH-E cont.

to several mm in size, often partially altered to carbonate. It is a colourless mineral having the rather low birefringence and varied extinction angles characteristic of wollastonite, but sometimes (in cross-sections) appears to show the acutely intersecting cleavages characteristic of amphibole. However, its birefringence seems too low for tremolite.

Carbonate occurs in diverse manner, as replacements of feldspar, garnet and wollastonite, and as small, random, interstitial patches in the heterogenous polymineralic intergrowth. It also fills a few thin cross-cutting fractures.

SAMPLE: EH-F **SKARN**

Estimated mode

Quartz	38
K-feldspar	1
Diopside	18
Serpentine?	2
Magnetite	35
Pyrrhotite)	
Pyrite)	1
Chalcopyrite)	
Limonite	3
Gypsum?	2

This sample is a feldspar-free aggregate of mafic silicates and opaques.

In thin section the dominant constituent is found to be quartz, as an anhedral mosaic of grain size 0.1 - 1.0 mm.

This forms a matrix to tiny, sub-equant grains of diopside, 30 - 100 microns in size, mainly aggregated as irregular clumps. These range in size from 0.2 mm up to several mm. The diopside is typically fresh, but in a few places grades to patches of a near-isotropic material which appears to represent an altered or modified variant (possibly a form of serpentine or chlorite?)

The other principal constituent is magnetite. This forms irregular patches (sometimes of apparent meshwork form), ranging in size from 0.1 mm up to 10 cm or so. The magnetite segregations are sometimes flanked by (or have inclusions of) diopside clumps, but the two minerals also occur independently, constituting a heterogenous 3-component intergrowth with the quartz.

Minor development of K-feldspar is seen - most often at the contact of diopside and quartz.

The rock contains minor sulfides, in the form of scattered, tiny, disseminated grains of pyrrhotite (partially oxidized), pyrite and chalcopyrite, 50 - 200 microns in size. The sulfides typically occur in diopside areas, or sometimes in quartz - but not in the magnetite.

The sectioned portion is traversed by prominent fractures, coated with crustified limonite. In the off-cut these fractures can be seen to be infilled by a soft white constituent - possibly gypsum. This has been totally lost by plucking during slide preparation, and it is represented in the thin section by empty voids medial to selvedges of limonite.

This rock has the mineralogy of a skarn.

SAMPLE: EH-G **DIORITE PORPHYRY**

Estimated mode

Plagioclase	74
K-feldspar	2
Sericite	2
Hornblende	14
Biotite)	2
Chlorite)	
Sphene	2
Apatite	1
Opaques	3

This sample appears to be another example of the same rock type as represented by EH-C and EH-D.

It is essentially identical in its petrographic features to those samples, consisting of rather stumpy, subhedral/prismatic phenocrysts of plagioclase, 0.2 - 2.0 mm in size, randomly scattered through a microgranular groundmass. The latter is composed dominantly of plagioclase, plus a minor component of K-feldspar - typically concentrated in rimming relation to the plagioclase phenocrysts.

The groundmass plagioclase is totally fresh, and the phenocrysts very mildly dusted with sericite.

The mafic constituent is green hornblende. It occurs, as in the other samples of this lithotype, as clusters of tiny individual grains, 30 - 100 microns in size, typically aggregated as sub-prismatic clumps. These presumably represent original mafic phenocrysts, modified by late magmatic reaction processess.

In this case the hornblende clumps often include (as well as the sphene granules noted in previous description) a minor component of biotite - sometimes altered to chlorite.

Opaques are noticeably more abundant than in Samples C and D. They appear (from the off-cut) to include both sulfides and Fe oxides. They occur partly as randomly disseminated grains, 20 - 200 microns in size, and partly as discontinuous veniform strings of minute granules.

SAMPLE: EH-H **SKARN**

Estimated mode

Carbonate	40
Diopside	25
K-feldspar	trace
Altered amphibole?	35
Quartz	trace
Opaques	trace

The off-cut of this sample shows a heterogenous banded(?) structure which involves 3 apparently distinct components: a greenish grey, unetched unit; a white-etched unit; and a strongly etched pinkish unit.

In thin section the first of the above is found to be an intergrowth of calcite and diopside. The calcite occurs as a mosaic-textured aggregate of grain size 0.2 - 2.0 mm, which forms the matrix to a network of clumps of microgranular diopside (compact aggregates of tiny equant grains 0.05 - 0.2 mm in size). Occasional small flecks of brown turbid material are apparently K-feldspar (yellow-stained in the off-cut). There are also rare clusters of fine-grained opaques, which apparently include sulfides (chalcopyrite?).

The second component occurs as a banded concentration of ragged clumps of turbid, brown, well-cleaved material within the diopside/ carbonate matrix. Colourless remnants within the turbid masses show moderate birefringence and low angle extinction - suggesting that this material may be a form of altered amphibole (tremolite?).

The pinkish, etched unit looks very similar to the previous (white-etched) one in thin section, except that it mostly shows more or less strong pervasive alteration to carbonate. It has a relict texture of rather coarse, well-cleaved, sub-prismatic grains - which, like the previously described unit, contain remnants having optical properties consistent with amphibole. It incorporates scattered clumps of diopside and a couple of small pockets of quartz.

This rock appears to be a variety of skarn.

SAMPLE: EH-I **LATITE**

Estimated mode

Plagioclase	25
Sericite	1
Potassic groundmass	60
Pyroxene	2
Amphibole	2
Apatite	trace
Biotite)	
Chlorite)	4
Rutile)	
Carbonate	3
Fe oxides	0.5
Pyrite	trace

This sample is a porphyritic volcanic made up of tiny phenocrysts of plagioclase and mafics in a brownish, minutely fine-grained groundmass. The latter takes an incipient yellow stain (see off-cut), indicating potassic composition.

The plagioclase phenocrysts are of euhedral-subhedral form, and range in size from 0.2 - 2.0 mm. Twinning extinction measurements indicate a composition of andesine. Some of the plagioclase phenocrysts incorporate an emulsion-like pattern of inclusions of brown, turbid groundmass material. They are fresh except for incipient dustings of sericite. A few of the feldspar phenocrysts appear to be perthitic K-spar rather than plagioclase.

Mafic phenocrysts seldom exceed 1.0 mm in size. They include fresh clinopyroxene and hornblende, and biotite which is more or less bleached, chloritized and rutilized, and often has dark brown rims.

The phenocrysts occasionally aggregate as clumps.

The groundmass is of brown, turbid, cryptocrystalline appearance. It contains sparse, micron-sized feldspar microlites and minute mafics, the orientation of which locally defines an irregular flow texture.

The groundmass contains sporadic diffuse patches of carbonate replacement, and there are occasional distinct, tiny amygdules infilled by chalcedony.

The rock contains sparsely disseminated equant grains of Fe oxides 0.1 - 0.5 mm in size. These sometimes include minute flecks of pyrite, and may be pseudomorphs. A few minute (10 - 20 micron) specks of sulfides occur in the rock matrix independently of the oxides.

This rock is a latite of extrusive aspect.

SAMPLE: EH-J **PORPHYRITIC LATITE**

Estimated mode

Plagioclase	40
Potassic groundmass	54
Chlorite	1.5
Carbonate	2
Epidote	trace
Rutile	2
Sphene	trace
Apatite	trace
Opaques	0.5

The off-cut of this sample shows similar general features to the previous one, though plagioclase phenocrysts appear relatively more abundant, and mafics less so.

In thin section the plagioclase phenocrysts are found to range from 0.2 - 3.0 mm in size. As in the previous sample they are essentially fresh, and sometimes contain emulsion-like clusters of groundmass inclusions.

Mafic phenocrysts are sparse. Most are totally pseudomorphed by carbonate, but a few are recognizable as altered (chloritized and epidotized) biotite.

The groundmass consists of a feathery aggregate of minutely microlitic K-feldspar, speckled with disseminated tiny flecks and acicular clusters of rutile. The groundmass shows an incipient breccia fabric, with close-packed fragment-like areas of the microlitic material, 0.1 - 0.5 mm in size, delineated by a network of a slightly darker, more cryptocrystalline variant.

Scattered amygdules, 0.2 - 1.0 mm in size, are filled by a pleochroic green, fibrous/radiate mineral - probably a form of chlorite. This feature indicates that this rock is of extrusive origin.

APPENDIX 7

TRENCH SAMPLE SUMMARY

Eholt Trench Sampling Summary

		Depth							
Trench No.	Sample No.	From	To	Au (ppb, g/t)	Cu (ppm)	Ag (ppm)	Bi (ppm)	Co (ppm)	Description
DH-Tr 1	17714	12	13	30	210				
DH-Tr 1	17715	24	25	20	24				
DH-Tr 1	17716	27	28	20	56				
DH-Tr 1	n.s.	31	32	20	32				
DH-Tr 1	n.s.	79	80	10	12				
DH-Tr 1	17718	83	84	30	206				
DH-Tr 1	17719	87	88	10	108				
DH-Tr 1	17720	91	92	40	256				
DH-Tr 1	17721	95	95	20	20				
DH-Tr 1	17722	97	98	30	18				
DH-Tr 1	17723	110	111	25	8				
DH-Tr 1	17724	113	114	30	26				
DH-Tr 1	17725	123	124	60	182				
DH-Tr 1	17726	128	129	30	512				
DH-Tr 1	45185	129	131	30	368				
DH-Tr 1	17727, 45186	133	134	320, 130	1280, 520	1.8, 0.1	1,1	20, 13	
DH-Tr 1	45187	136	138	160	396				
DH-Tr 1	17728	137	140	170	216				
DH-Tr 1	17729	140	143	90	222				
DH-Tr 1	17730	143	146	130	284				
DH-Tr 1	45188	145	147	900	116				
DH-Tr 1	17731	146	148	70	194				
DH-Tr 1	17732	148	151	40	142				
DH-Tr 1	17734	151	154	10	375				
DH-Tr 1	17735	154	157	20	300				
DH-Tr 1	17736	157	160	120	268				
DH-Tr 1	17737	160	163	50	280				
DH-Tr 1	17738	163	166	50	580				
DH-Tr 1	17739	166	169	90	925				Oxide rubble
DH-Tr 1	17740	169	172	70	860				Oxide rubble
DH-Tr 1	17741	172	175	50	1200				Oxide rubble
DH-Tr 1	17742, 45156	175	178	4.36,4.43	1680, 3636	2.2, 3.3	5, 10	135, 101	
DH-Tr 1	17743, 72343	178	181	4.67, 5.97	3200, 2100	2.2, 0.3	1, 20	116, 91	
DH-Tr 1	17744, 72344	181	184	390, 950	1624, 673	0.6, 0.1	1, 13	38, 62	
DH-Tr 1	17745, 72345	184	187	140, 290	595, 300	0.2, 0.1	1,11	53, 18	
DH-Tr 1	17746, 72346	187	190	450, 1.2	498, 430	0.6, 0.1	1,9	64, 86	
DH-Tr 1	17747, 72347	190	193	450, 740	870, 645	0.6, 0.1	8, 1	262, 281	
DH-Tr 1	17748	193	195	270	1360				
DH-Tr 1	17749	211	214	60	1490				
DH-Tr 1	17750	214	217	80	1820				
DH-Tr 1	72320	217	220	130	3100				
DH-Tr 1	72333, 45169	220	223	90,90	1490, 1580	1.4, 1.6	1, 7	105, 97	
DH-Tr 1	72334	223	226	40	480				
DH-Tr 1	72335	226	229	80	1680				
DH-Tr 1	72336	229	232	70	1900				
DH-Tr 1	72337	232	235	70	1750				
DH-Tr 1	72338	235	238	60	2560				
DH-Tr 1	72339, 45170	238	241	220,90	2620, 2100	2.8, 3.0	1, 14	171, 281	
DH-Tr 1	72340	241	244	80	1950				
DH-Tr 1	72341	244	247	100	1730				
DH-Tr 1	72342	247	250	90	1030				

		Depth							
Trench No.	Sample No.	From	To	Au (ppb, g/t)	Cu (ppm)	Ag (ppm)	Bi (ppm)	Co (ppm)	Description
DH-Tr-1A	45001, 45163	0	3	720, 3.23	1380, 1200	2.2, 1.4	1, 18	136, 189	
DH-Tr-1A	45002, 45164	3	6	360, 260	756, 890	1.1, 0.8	1, 15	92, 131	
DH-Tr-1A	45165	6	7	170	350				
DH-Tr-1A	45003	6	9	80	694				
DH-Tr-1A	45004	9	12	30	876				
DH-Tr-1A	45005	12	15	20	282				
DH-Tr-1A	45006	15	18	20	292				
DH-Tr-1A	45007	18	21	70	317				
DH-Tr-1A	45196	18	19	40	300				
DH-Tr-1A	45197	20	21	45	276				
DH-Tr-1A	45008	21	24	20	160				
DH-Tr-1A	45009	24	27	30	131				
DH-Tr-1B	45010	0	2	15	92				
DH-Tr-1B	45011	3	6	10	90				
DH-Tr-1B	45012	6	9	20	552				
DH-Tr-1B	45013	9	12	20	1327				
DH-Tr-1C	45014	0	3	60	2511				
DH-Tr-1C	45015	3	6	110	1933				
DH-Tr-1C	45016	6	9	100	865				
DH-Tr-2	DH-A	0	0	700	1000				
DH-Tr-2	45382, 45166	0	2	130,390	340, 1000	0.4, 1.6	6, 4	53, 97	
DH-Tr-2	72301, 45351	0	3	210, 150	648, 440	1.2, 1.1	1, 7	114, 70	
DH-Tr-2	45383	2	3	80	214				
DH-Tr-2	45352	4.5	4.7	90	610		14		
DH-Tr-2	72302	5	8	180	1120				
DH-Tr-2	45384	6	7	590	1050	1.8			
DH-Tr-2	45353	6	9	1100, 1.2	4800	4.4	8		
DH-Tr-2	45167	7.5	10.5	1700, 2.15	1450	2.6	17		
DH-Tr-2	45385	7	8	280	1700	3	15		
DH-Tr-2	72303	8	11	180	700				
DH-Tr-2	45386	9	10	300	1520	3.2	8		
DH-Tr-2	45387	10	11	1000, 1.7	1100	2.5	17		
DH-Tr-2	45168	10.5	12.5	40	130				
DH-Tr-2	72304	11	14	60	180				
DH-Tr-2	72305	14	17	30	90				
DH-Tr-2	72306	17	20	20	76				
DH-Tr-2	72307	20	23	20	62				
DH-Tr-2	72308	23	26	20	18				
DH-Tr-2	72309	26	29	30	220				
DH-Tr-2	72310	29	32	310	136				
DH-Tr-2	72311	32	35	40	94				
DH-Tr-2	72312	35	38	25	370				
DH-Tr-2	72313	38	41	10	54				
DH-Tr-2	72314	41	44	30	322				
DH-Tr-2	72315	44	47	20	40				
DH-Tr-2	72316	47	50	25	46				
DH-Tr-2	72317	50	53	20	40				
DH-Tr-2	72318	53	56	60	510				
DH-Tr-2	72319	56	57	30	88				

		Depth							
Trench No.	Sample No.	From	To	Au (ppb, g/t)	Cu (ppm)	Ag (ppm)	Bi (ppm)	Co (ppm)	Description
DH-Tr-2	72321	75	78	20	42				
DH-Tr-2	72322	78	81	30	75				
DH-Tr-2	72323	81	84	80	180				
DH-Tr-2	72324	84	87	160	2200				
DH-Tr-2	72325, 45158	87	90	80, 70	850, 1000	1.8, 1.7	1,1	38, 59	
DH-Tr-2	45157	85.5	87	370	2567		12		
DH-Tr-2	72326	90	93	100	925				
DH-Tr-2	72327	93	96	80	1400				
DH-Tr-2	45159	94.5	96	120	2078				
DH-Tr-2	72328	96	99	130	1150				
DH-Tr-2	72329	99	102	80	178				
DH-Tr-2	72330	102	105	30	68				
DH-Tr-2	72331	105	108	40	100				
DH-Tr-2	72332	108	110	60	110				
DH-Tr-3	45017	4	5	140	3100				
DH-Tr-3	45018	5	7	30	660				
DH-Tr-4S	DH-D	2	2	150	384				
DH-Tr-4S	45354	2	3	150	74				
DH-Tr-4S	DH-H	3.5	4	630	838			230	
DH-Tr-4S	DH-E	4	5.5	180	83		4		
DH-Tr-4S	45363	6	8	2060, 1.5	28				
DH-Tr-4S	45355	8	8	2600, 3.26	62				
DH-Tr-4S	45364	8	10	1050, 1.4	80			170	
DH-Tr-4S	45365	10	12	680	75			145	
DH-Tr-4S	45366	12	14	40	24				
DH-Tr-4S	45356	13	15	200	34				
DH-Tr-4S	45367	14	16	70	260				
DH-Tr-4S	45368	16	18	80	520				
DH-Tr-4S	45357, 45369	18	20	90, 230	349, 538	0.1, 2.6	3, 8	55, 233	
DH-Tr-4S	45370	20	22	60	34				
DH-Tr-4S	45371	22	24	70	220				
DH-Tr-4S	45372	24	26	340	2800				
DH-Tr-4S	45358	24	27	160	1140			1013	
DH-Tr-4S	45373	26	28	190	160				
DH-Tr-4S	45374	28	30	600	850			249	
DH-Tr-4S	45359	28.5	28.5	1080, 1.90	675		18	379	
DH-Tr-4S	45375	30	32	1670 ,1.67	1590			107	
DH-Tr-4S	45376	32	34	890	2560			213	
DH-Tr-4S	45360	33	35	460	1300				
DH-Tr-4S	45377	34	36	430	620				
DH-Tr-4S	45378	36	38	4200 , 4.5	2400				
DH-Tr-4S	45379	38	40	1580, 1.4	1400			223	
DH-Tr-4S	DH-C	39	39.5	50	343		4		
DH-Tr-4S	45361	40	40	640	4700			641	
DH-Tr-4S	45380	40	42	410	2200				
DH-Tr-4S	45362	42	43	100	200				
DH-Tr-4S	45381	42	44	150	280				
DH-Tr-4N	DH-F	0	2	100	66				
DH-Tr-4N	DH-G	2	3	110	263				
DH-Tr-4N	DH-I	6	9	210	300				
DH-Tr-4N	DH-J(boulder)	9	12	70	228		7		
DH-Tr-4N	DH-K(boulder)	9	12	190	594		4		

		Depth							
Trench No.	Sample No.	From	To	Au (ppb, g/t)	Cu (ppm)	Ag (ppm)	Bi (ppm)	Co (ppm)	Description
shaftA	45160	2 m chip		5.6 g	5239	8.7	23		
shaftB	45161	grab		620	2403	2.4		122	
shaftB	45162	grab		720	2860	2.3		221	
Rambler Tr	45088	86	89	450	325	0.9	1	14	
Rambler Tr	45019	140	143	30	403	0.9	1	62	
Rambler Tr	45020	143	146	20	257	0.8	1	49	
Rambler Tr	45021	146	149	20	46	0.4	1	17	
Rambler Tr	45022	149	152	20	29	0.1	1	7	
Rambler Tr	45023	165	168	10	79	0.2	1	21	
Rambler Tr	45024	168	171	20	180	1.5	1	43	
Rambler Tr	45025	171	174	20	236	1.6	1	23	
Rambler Tr	45026	174	177	10	189	1.1	1	24	
Rambler Tr	45027	177	180	20	163	1	1	22	
Rambler Tr	45028	180	183	20	178	1.1	1	21	
Rambler Tr	45029	183	186	60	115	0.3	1	9	
Rambler Tr	45030	186	189	50	198	0.5	1	36	
Rambler Tr	45031	258	261	50	228	2	1	17	
Rambler Tr	45032	261	264	80	741	7	1	28	
Rambler Tr	45033	264	267	60	204	2	1	15	
Rambler Tr	45034	267	270	80	225	1.8	1	25	
Rambler Tr	45089	280	281	100	637	6.6	1	29	
Rambler Tr	45035	298	301	80	368	4.2	1	15	
Rambler Tr	45036	301	303	90	225	3.6	1	2	
Rambler Tr	45037	342	344	60	108	1	1	9	
Rambler Tr	45038	344	347	60	174	1	1	11	
Rambler Tr	45039	347	350	60	107	0.5	1	10	
L0+00Tr	45083	15	18	130	412	1.4	1	30	
L0+00Tr	45086	18	18.5	1000	690	5.3	10	66	
L0+00Tr	45084	33	35	60	291	0.7	1	23	
L0+00Tr	45051	115	117	150	910	2	1	43	
L0+00Tr	45052	117	120	80	202	0.6	1	7	
L0+00Tr	45053	120	123	110	543	1.5	1	24	
L0+00Tr	45054	123	126	160	1000	3.7	1	44	
L0+00Tr	45055	126	129	100	752	1.5	1	37	
L0+00Tr.	45056	129	132	100	1082	3.2	1	91	
L0+00Tr	45057	132	135	210	860	3.7	1	44	
L0+00Tr	45058	135	138	120	496	2.1	1	31	
L0+00Tr	45059	138	141	160	1385	4	1	87	
L0+00Tr	45060	141	144	100	605	2.4	1	87	
L0+00Tr	45061	144	147	80	177	0.6	1	4	
L0+00Tr	45062	147	150	100	233	1.5	1	9	
L0+00Tr	45063	150	153	60	168	0.7	1	7	
L0+00Tr	45064	153	156	50	185	0.6	1	3	
L0+00Tr	45065	157.5	159	160	1600	4.3	1	125	
L0+00Tr	45066	159	162	240	1600	5.2	1	111	
L0+00Tr	45067	162	165	780	1520	6.2	1	57	
L1N-Tr	45087	60	63	260	87	0.7	6	51	
L4N-1Tr	45068	6.5	6.9	330	473	3.1	1	5	
L4N-1Tr	45082	5	8	160	177	1	1	7	
L4N-1Tr	45069, 45090	44	47	1.35, 9.67	297, 340	1.9, 1.0	1, 10	1,17	

		Depth							
Trench No.	Sample No.	From	To	Au (ppb, g/t)	Cu (ppm)	Ag (ppm)	Bi (ppm)	Co (ppm)	Description
L4N-1Tr	45070, 45091	47	50	120, 130	200, 70	1.1, 0.1	1,1	12, 14	
L4N-1Tr	45071, 45092	50	53	460, 620	455, 238	1.8, 0.5	1,1	1, 15	
L4N-1Tr	45072, 45093	53	56	90, 160	170, 626	0.5, 0.6	1,1	3, 25	
L4N-1Tr	45073	56	59	190	930	4.6	1	9	
L4N-1Tr	45074	59	62	80	403	0.6	1	7	
L4N-1Tr	45175	43	44	1400	240	1.3	5	8	
L4N-1Tr	45176	39	41	90	174	1.4	4	8	
L4N-2 Tr	45075	12	15	360	107	0.2	1	1	
L4N-2 Tr	45076, 45094	29	32	0.9, 1.9	600, 260	5, 0.4	1, 7	41, 55	
L4N-2 Tr	45077, 45095	32	35	100, 80	230, 110	1.2, 0.1	1, 1	6, 35	
L4N-2 Tr	45096	35	38	60	114	0.1	1	8	
L4N-2 Tr	45097	38	42	60	116	0.1	1	12	
L4N-2 Tr	45078	42	45	590	363	3	1	3	
L4N-2 Tr	45079	45	48	490	325	2.3	1	19	
L4N-2 Tr	45098	46.5	48.5	1200	370	2.3	12	26	
L4N-2 Tr	45080	48	51	70	61	0.2	1	10	
old trench	45177	3m		730	1260				
EHM-Tr 1	45151	20	21	200	1200	2.7	1	58	
EHM-Tr 1	45152	88	88.3	130	188	1.2	1	12	
EHM-Tr 1	45101	117	120	60	420	0.2	4	21	
EHM-Tr 1	45102	120	123	40	203	0.1	6	18	
EHM-Tr 1	45103	123	126	30	293	0.1	1	19	
EHM-Tr 1	45104	126	129	40	289	0.1	6	29	
EHM-Tr 1	45105	129	132	10	69	0.4	1	7	
EHM-Tr 1	45106	132	135	20	135	0.2	1	19	
EHM-Tr 1	45107	135	138	20	182	0.1	1	16	
EHM-Tr 1	45108	138	141	240	584	1	1	66	
EHM-Tr 1	45109	141	144	20	214	0.4	9	10	
EHM-Tr 1	45110	144	147	120	1300	3.4	13	85	
EHM-Tr 1	45111	147	150	100	700	1.8	34	30	
EHM-Tr 1	45112	151	153	30	394	0.1	4	28	
EHM-Tr 1	45113	153	156	50	665	1	5	86	
EHM-Tr 1	45114, 45153	156	159	210, 360	1142, 2000	2.1, 4.0	6, 1	33, 48	
EHM-Tr 1	45124	159	162	70	218	0.3	4	16	
EHM-Tr 1	45125	162	165	30	314	0.1	1	23	
EHM-Tr 1	45126	165	168	90	969	0.6	1	187	
EHM-Tr 1	45127	168	170	180	1317	4.2	7	35	
EHM-Tr 1	45128	177	180	60	528	0.1	1	48	
EHM-Tr 1	45129	180	183	250	1470	2.5	1	121	
EHM-Tr 1	45130	183	186	270	4444	3.9	22	22	
EHM-Tr 1	45131	186	189	60	339	0.4	1	17	
EHM-Tr 1	45132	189	192	80	603	0.1	4	25	
EHM-Tr 1	45133	211	214	40	386	0.1	8	42	
EHM-Tr 1	45134	214	217	50	406	0.2	7	47	
EHM-Tr 1	45135	217	220	20	194	0.1	1	27	
EHM-Tr 1	45136	220	223	20	335	0.1	7	55	
EHM-Tr 1	45137	223	226	20	377	0.1	9	28	
EHM-Tr 1	45138	226	229	40	525	0.1	1	37	
EHM-Tr 1	45139	275	278	60	745	0.4	9	56	
EHM-Tr 1	45140	278	281	100	2103	3	10	58	
EHM-Tr 1	45141	281	284	90	1087	0.3	5	48	

		Depth							
Trench No.	Sample No.	From	To	Au (ppb, g/t)	Cu (ppm)	Ag (ppm)	Bi (ppm)	Co (ppm)	Description
EHM-Tr 1	45142, 45154	284	287	120, 100	1320, 1484	0.8, 3.0	6, 1	70, 111	
EHM-Tr 1	45143	287	290	130	1210	1.6	6	140	
EHM-Tr 1	45144, 45155	290	293	120, 220	1216, 1438	0.4, 3.4	7, 1	87, 50	
EHM-Tr 1	45145	293	296	100	1214	0.6	6	80	
EHM-Tr 1	45146	296	297	80	716	1.4	6	47	
EHM-Tr 1	45040	305	308	120	1406	1.2	1	91	
EHM-Tr 1	45041	308	311	550	1118	0.5	1	87	
EHM-Tr 1	45042	311	312	100	882	0.5	6	79	
EHM-Tr1A	45115	0	3	60	269	0.1	1	16	
EHM-Tr1A	45116	3	6	20	600	1.4	1	32	
EHM-Tr1A	45117	6	9	30	1150	1.3	7	39	
EHM-Tr1A	45118	9	12	160	1064	0.1	1	81	
EHM-Tr1A	45119	12	15	60	924	0.1	1	36	
EHM-Tr1A	45120	19	21	90	432	0.2	1	40	
EHM-Tr1A	45121	21	24	80	450	0.1	1	31	
EHM-Tr1A	45122	24	27	70	882	0.5	4	34	
EHM-Tr1A	45123	27	30	100	1037	0.4	1	48	
EHM-Tr1B	45147	5.5	8	250	1466	0.4	9	87	
EHM-Tr1B	45148	8	11	220	2400	3.4	20	87	
EHM-Tr1B	45149	11	14	360	1153	0.4	3	85	
EHM-Tr1B	45150	14	16.8	130	830	0.1	1	81	
EHM-Tr 2	45043	3	6	160	821	0.4	6	48	
EHM-Tr 2	45044	6	9	130	738	0.1	1	86	
EHM-Tr 2	45045	9	12	90	900	0.9	11	94	
EHM-Tr 3	45046	13	13.5	90	196	0.1	1	31	
EHM-Tr 3	45047	23.5	25	160	770	0.2	5	79	
EHM-Tr 3	45048	26	27	240	742	0.1	1	34	
EHM-Tr 3	45049	31.5	32	90	641	0.2	1	75	

600W 400W 200W 0 200E 400E 600E 800E 1000E 1200E 1400E 1600E

600N 400N 200N 0 200S 400S 600S 800S 1000S 1200S 1400S 1600S 1800S 2000S 2200S 2400S

LEGEND

CONTOUR INTERVALS

50 nT

250 nT

1000 nT

Station Separation: 12.5 metres

INSTRUMENT

EDA OMNI PLUS VLF/MAGNETOMETER SYSTEM

3650 3600 3550 3500 3450 3400 3350 3300 3250 3200 3150 3100 3050 3000 2950 2900 2850 2800 2750 2700 2650 2600 2550 2500 2450 2300

nT

inches 0 1

centimetres 0 1 2

This reference scale bar should measure 2 cm on original image. It will scale at the same rate as the original size. If it can be used as a reference for the original size.

Scale 1:5000

100 0 100 200 300 (metres)

FIGURE #7

TECK CORPORATION

Eholt Property
Greenwood Mining Division

TOTAL FIELD MAGNETIC CONTOURS

Scale 1:5000 NTS 82F/6 Drawing No: 97414-

LLOYD GEOPHYSICS INC.

600W 400W 200W 0 200E 400E 600E 800E 1000E 1200E 1400E 1600E

600N 400N 200N 0 200S 400S 600S 800S 1000S 1200S 1400S 1600S 1800S 2000S 2200S 2400S

LEGEND

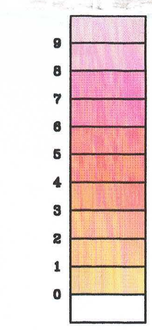
CONTOUR INTERVALS

1 %
5 %
25 %

Station Separation: 12.5 metres
Transmitter Station: Cutler, Maine, USA
(NAA 24.0 kHz)

INSTRUMENT

EDA OMNI PLUS VLF/MAGNETOMETER SYSTEM



inches 0 1
centimetres 0 1 2

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it may be used as a reference for the original size.

Scale 1:5000

100 0 100 200 300
(metres)

FIGURE #: 8

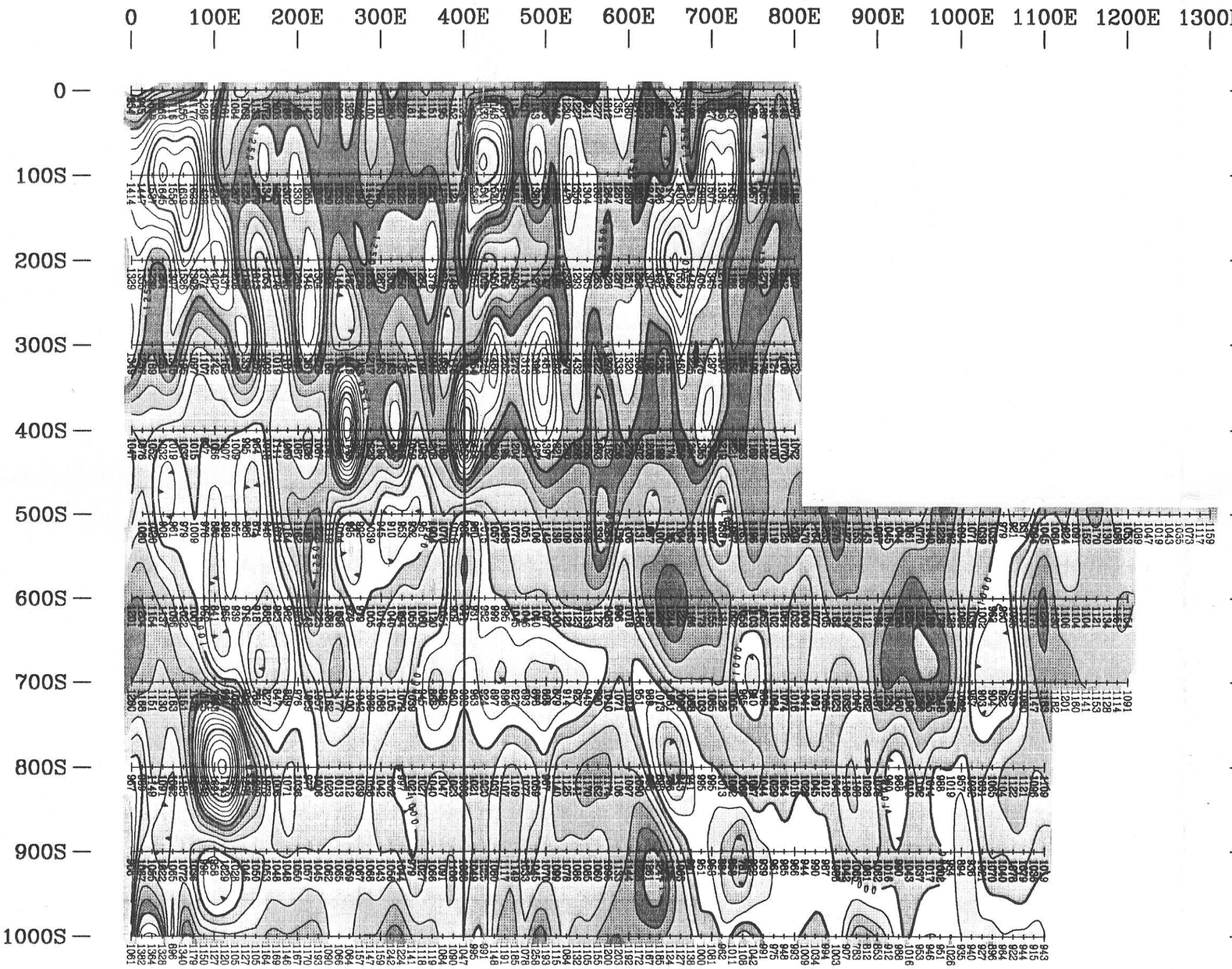
TECK CORPORATION

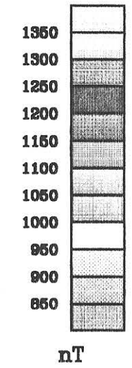
Eholt Property
Greenwood Mining Division

VLF – EM
FRASER FILTER

Scale 1:5000 NTS 82F/6 Drawing No: 97414–

LLOYD GEOPHYSICS INC.





LEGEND

CONTOUR INTERVALS

50 nT ———

250 nT ———

Station Separation: 12.5 metres

55000 nT Removed from Postings

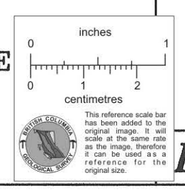
INSTRUMENT

EDA OMNI PLUS MAGNETOMETER SYSTEM

Scale 1:5000

100 0 100 200 300

(metres)



TECK CORPORATION

Eholt Property

Nelson, British Columbia

TOTAL FIELD MAGNETIC CONTOURS

Scale 1:5000 **Figure 10**

LLOYD GEOPHYSICS INC.

rest of trench (continues NE) in till

qtz-kspar? hfls
py

TB

grainy pyx hfls

95-4
95-6

?

pyx hfls

pyx-gt>ep skn
po

pyx hfls
endoskn?

endoskn + minor
pyx hfls, py

TE96-9

10100E

10100N

tr blue chalcedony

all reclaimed

95-5

60°

bedding 40°

wkly banded pyx hfls
- limy

pyx-gt skn, py
-tr blue chalcedony

till

pyx>gt skn
semi-massive po,py

Sy

?

TE96-8

pyx>qtz>act-gt skn
semi-massive po, py, cpy

endoskn +/- py

covered skn

feld.porph.syenite

40°

80°

35°

90°

f.g. endoskn
+/- gt, py

f.g. endoskn
+/- hfls

hfls

1m lamrophyre

f.g. endoskn

f.g. endoskn

?

OPEN
skarn altered, mineralized TB

Continues as road

covered

shears

90°

pyx>trem>qtz-calcite skn
-po, py

qtz-rich skn

60°

gt-pyx>trem-calcite skn

stg py

massive py

semi-massive py>mt

gt-pyx>trem-qtz skn, py

pyx-trem-calcite-qtz skn,
low sulphide

semi-massive py>mt

pyx>gt>act skn

TE96-7

bedded pyx>gt skn w/massive py>mt
beds, 10-30 cm

semi-massive py
in pyx>gt skn

355°

qtz-rich pyx skn (sharpstn?)

95-7

pyx>gt skn

Cover

covered

n.g. diorite porph
endoskn, py on
dump

stg fx pyx
endoskn -silicous

+ gt-pyx skn

highly fx pyx hfls +
endoskn (mostly hfls)
py

py>trem, gt,
calcite skn, py
cpy on dump

f.g. endoskn
(ep,chl,pyx)

70°

gt-pyx skn

major shear

Sy

rubble is pyx>
act skn w/qtz>
stg FeOx

rubble

90°

gt-pyx
>py
endoskn

minor shears

feld. porph. syenite

gt-pyx
skn

rubble

semi-massive po
in pyx>act skn
-stg magnetic

pyx-act>qtz skn
py,po on dump

act,pyx skn, stg po,py +/-qtz

f.g. nz (chl)

porph sy
on dump

pyx+silic hfls w/minor
gt-pyx skn interbeds

massive po rib
in pyx skn
(stg magnetic)

70°

gt-pyx skn

porph sy

Sy

90°

porph syenite
fault contact

Trench 1

f.g.
nz

hfls

fig porph nz (chl)
w/chill margins

cover

f.g porph nz, stg
bleaching, chlorite

stg py,po
hfls,pyx skn

ribs

cover

stg po,py

cover

massive pyx-act skn
w/stg po>py

contact (beds?)

silic hfls

50°

pyx-act
skn w/stg
po,py

f.g. endoskn

silic hfls

stg po>py

stg py,cpy
in skn rib

gt-pyx skn

qtzite/shpstn
hfls

gt-pyx
skn

Pk

95-10 (massive)
limy, silic hfls
+/- pyx,py

cover

dirty
qtzite
w/biotite

stg jointing @ 020°90°
-bedding?

Pk

f.g. siliceous grainy rock-qtzite tuff

10000N

60°

bedding?

10000E

Pk

qtzite w/pebbles
(pervasive biotite)

qtzite (dirty, f.g.)/tuff

qtzite

porph.sy

dirty green qtzite

60°

qtzite

qtzite

grainy grnstn
w/pyx alt., py

?

EXPLANATION

py - pyrite
po - pyrrhotite
mt - magnetite
cpy - chalcopyrite
gt - garnet
pyx - pyroxene
act - actinolite
trem-tremolite
ep - epidote
chl - chlorite
hfls -hornfels
skn - skarn
qtz - quartz
kspar - potassium feldspar

sy - syenite porphyry
\+ - diorite to monzonite and/or
mostly endoskarn, porphyritic volcanic

TB - Brooklyn - skarn, hornfels
Pk - Knob Hill - tuff, quartzite

N

inches
0 1 2
0 1 2 3 4 5
centimetres

BRITISH COLUMBIA GEOLOGICAL SURVEY

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

SCALE
0 10 20 30 40 50m

orvana RESOURCES CORP.
Coeur d'Alene, Idaho USA

DATE 9/17/97

REVISED BY	DATE
FIG.9	

EHOLT PROJECT

Dead Honda Trench Geology

Greenwood Mining Division
British Columbia, Canada

DATA BY	SCALE	SHEET NO.
ORVANA/RF	1:500	C9709002

North

200
100
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
-1300
-1400
-1500
-1600
-1700

-400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300

East

Gold Geochemistry Key (ppb)

- 0 to 15
- 15 to 50
- 50 to 100
- 100 to 10000

inches
0 1
0 1 2
centimetres

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

Teck Corporation
Eholt Project
GOLD SURFACE GEOCHEMISTRY (PPB)
Scale 1:5000 February 1997 Figure 5

North

East

Copper Geochemistry Key (ppm)

- 0 to 30
- 30 to 50
- 50 to 100
- 100 to 200
- 200 to 10000

inches
0 1
0 1 2
centimetres

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

Teck Corporation
Eholt Project
COPPER SURFACE GEOCHEMISTRY (PPM)
Scale 1:5000 February 1997 Figure 6

North

200: 124 133 126 185 143 115 109 87 88 77 88 88 38 54 71 81 99 101 72 85 36 76 117 178 100 124 115 120 99 66 102 117 124

100: 90 75 73 84 92 66 65 116 84 130 127 95 62 87 34 90 99 67 91 89 126 65 59 63 79 66 83 89 75 102 74

0: 98 100 109 86 109 80 103 104 76 80 86 74 67 67 86 51 53 109 74 66 77 103 55 64 58 78 126 94 110 205 231 88 93 88 68 82 63 65 61 79 58 79 50 65 56 82 66 69 49

-100: 110 89 107 110 101 73 70 143 85 61 86 51 54 45 49 40 45 34 40 40 47 51 68 72 71 209 176 160 117 128 85 101 74 89 79 96 85 84 59 100 98 81 77 70 88 70

-200: 136 157 110 99 71 79 169 95 130 151 50 53 46 51 40 46 52 40 38 28 34 45 48 37 68 53 63 105 91 172 256 254 129 102 248 101 106 101 147 80 49 46 77 59

-300: 98 102 90 73 88 69 97 76 73 80 94 92 67 58 68 49 83 67 32 28 42 38 29 35 63 68 99 118 440 158 360 162 98 113 117 57 67 104 79 79 86 76 87 51

-400: 91 71 76 72 88 93 111 97 130 80 72 79 127 83 113 82 74 80 48 79 59 93 81 81 43 71 62 70 116 113 106 127 185 106 93 103 62 48 67 75 62 60 61 76 91 98 88

-500: 101 117 97 102 94 113 103 135 71 102 104 103 88 117 106 111 116 55 67 83 127 36 70 106 79 110 89 81 72 101 117 93 108 139 91 107 69 86 87 92 84 56 83 97 94 44 80 82 87 107 73 124 50 48 94 100 77 79 95 110 120 105 88 155 110 52 55

-600: 99 58 135 96 80 130 170 114 118 91 43 68 160 107 107 96 67 83 87 81 223 120 43 60 139 90 96 85 96 59 59 59 56 53 67 99 97 114 97 77 94 71 89 79 76 50 61 115 61 58 67 72 67 57 75 101 76 79 84 70 75 71

-700: 98 109 138 138 111 147 169 145 156 94 102 129 95 66 124 68 77 123 123 90 83 74 89 78 111 108 75 80 94 105 93 77 91 142 75 83 124 87 91 124 132 139 153 130 118 106 69 86 58 195 135 158 104 103 94 74 94 144 56 119 71 75 87

-800: 128 104 140 158 162 107 75 124 119 91 82 97 95 70 63 116 145 80 124 86 118 222 100 75 98 76 63 133 102 81 84 73 69 105 88 63 82 95 66 80 92 82 143 108 112 132 100 67 113 74 58 72 86 25 83 34 73 92 94 68

-900: 99 59 104 90 96 85 116 69 94 89 87 65 99 65 79 164 129 103 126 86 116 60 129 154 137 132 95 94 146 126 96 155 136 146 119 112 61 65 85 65 75 60 93 80 109 91 126 125 113 100 89 104 79 83 69 58 78 79 59 62 84

-1000: 80 93 122 98 84 101 70 71 77 83 81 101 65 115 98 93 77 93 104 114 118 138 140 87 95 97 119 120 93 89 98 95 95 86 105 92 98 84 78 90 55 45 67 95 109 115 110 73 50 144 103 109 81 106 102 72 72 89 109 89

-1100: 40 134 34 37 71 86 63 43 41 80 90 65 76 88 118 99 100 64 152 50 94 82 122 161 99 48 129

-1200: 170 73 57 109 99 60 16 107 89 88 8 126 146 71 121 26 83 110 102 22 73 60 64 149 113 89 28 76 77 108 62

-1300: 95 124 89 53 116 86 92 98 75 87 36 65 82 123 61 111 130 101 91 84 66 43 78 43 71 95 84 100 42 68

-1400: 98 134 81 79 95 13 31 81 60 44 54 27 37 57 14 97 133 45 48 83 63 113 43 74 100 52 104 125 83 80 29 112 111

-1500: 59 28 181 67 89 81 85 129 88 56 69 76 34 28 18 51 107 113 89 94 109 93 108 96 132 65 136 149 150 106 49 79 81

-1600: 105 70 118 75 100 76 110 84 136 96 60 37 80 38 24 94 37 71 70 60 29 25 109 103 131 78 78 109 72 75 95 106 93

-1700: 92 58 64 123 121 124 71 106 83 34 69 86 82 70 54 57 71 30 35 63 68 69 88 86 100 88 103 81 60 76 80 93 89

-400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300

East

Zinc Geochemistry Key (ppm)

- 0 to 75
- 75 to 100
- 100 to 150
- 150 to 200
- 200 to 10000

inches
0 1
0 1 2
centimetres

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BRITISH COLUMBIA GEOLOGICAL SURVEY

Teck Corporation
Eholt Project
ZINC SURFACE GEOCHEMISTRY(PPM)
Scale 1:5000 February 1997 Figure 7

North

200: 693 732 692 399 643 408 494 318 338 387 475 703 263 154 385 599 877 640 353 545 183 339 664 1040 370 329 617 1005 559 400 869 345 542

100: 671 297 371 488 600 346 343 600 489 568 526 440 334 646 119 530 406 594 517 504 973 319 487 606 718 378 449 494 743 423 506

0: 524 500 380 333 619 358 390 446 340 338 441 351 452 400 452 262 248 939 303 330 366 267 365 308 249 298 455 877 647 748 788 886 1022 417 510 593 1098 1158 921 601 293 318 384 302 352 486 539 882 188

-100: 487 751 671 652 338 391 275 439 478 318 399 279 280 522 349 231 225 279 192 242 244 366 766 377 367 396 938 766 1881 1104 994 925 600 1407 1056 1738 1316 1405 1301 1327 474 371 233 207 644 442

-200: 632 584 1026 1050 632 756 405 706 577 808 341 311 257 303 227 202 267 210 182 202 217 245 441 262 542 402 478 305 430 818 812 1112 716 368 832 961 735 871 355 320 454 332 255 346

-300: 539 412 1084 497 603 513 523 344 332 441 591 445 337 316 615 198 663 368 187 182 260 256 154 309 282 333 499 421 718 959 704 443 328 560 1591 424 580 612 357 628 250 445 241 236

-400: 381 448 424 518 332 843 580 562 786 536 630 752 472 359 495 302 336 258 263 343 245 348 544 309 261 324 545 448 1171 813 996 551 815 498 344 364 522 285 347 243 562 330 471 411 289 925 328

-500: 351 625 313 344 336 417 534 750 526 790 653 477 464 390 432 471 432 285 251 462 480 153 397 342 376 293 313 381 256 361 474 448 987 743 352 508 368 738 548 690 323 399 295 735 260 159 372 509 498 577 424 556 194 239 419 471 371 577 905 661 733 418 482 1492 659 485 305

-600: 454 322 618 387 405 689 503 548 546 410 575 448 380 465 424 470 402 457 507 559 1393 556 413 271 609 417 439 331 596 204 842 402 427 390 516 275 312 457 296 280 389 290 275 321 304 339 423 653 325 281 292 240 266 258 316 593 885 342 409 413 486 312

-700: 492 693 632 639 304 499 735 649 920 824 585 705 558 434 665 259 434 957 476 525 313 256 529 406 789 340 327 451 457 489 427 367 399 632 285 328 510 337 354 320 514 446 396 458 366 352 390 463 252 744 869 885 580 426 569 404 459 1083 285 408 313 393 468

-800: 424 421 683 791 549 380 417 837 509 446 353 425 546 291 434 561 699 390 535 280 446 729 324 459 369 305 397 332 353 378 393 337 312 852 393 395 359 399 302 371 342 296 1426 383 482 498 466 283 457 394 262 411 911 209 258 287 531 556 369 383

-900: 574 187 455 310 354 301 790 250 812 377 355 497 907 399 376 623 382 473 337 785 288 589 483 527 654 507 357 419 373 673 270 464 521 525 400 534 375 245 304 324 339 584 410 466 478 415 409 543 346 811 448 671 804 439 394 289 334 370 229 281 381

-1000: 533 333 548 477 532 432 321 278 347 588 354 390 228 377 581 690 510 832 935 1165 1756 610 348 552 917 656 648 556 485 319 458 344 325 340 765 387 302 313 370 324 311 208 322 609 339 439 363 360 315 476 534 379 319 288 477 232 212 296 327 407

-1100: 489 690 182 528 346 603 571 524 449 301 396 356 348 379 328 396 565 565 672 436 634 361 575 300 322 332 521

-1200: 430 470 1146 387 750 353 302 523 285 443 361 451 534 341 287 206 338 290 659 376 1281 1932 1260 1308 1851 1098 670 732 735 662 367

-1300: 453 504 394 300 309 480 464 432 360 450 278 473 565 452 295 508 540 316 403 264 298 802 304 588 576 453

-1400: 188 243 141 542 399 284 237 293 371 357 451 135 300 482 384 538 467 403 384 375 437 542 427 372 349 467 293 525 596 373 189 397 339

-1500: 305 404 578 293 354 508 423 394 512 328 266 512 454 182 633 417 506 328 372 503 698 444 688 422 714 268 388 678 425 482 316 377 325

-1600: 405 379 508 470 342 263 548 342 918 691 270 159 259 183 78 291 93 355 482 297 234 30 233 687 837 496 497 499 403 537 343 585 501

-1700: 383 569 300 615 463 575 1493 637 296 120 472 569 536 424 198 295 606 119 147 396 539 597 589 356 532 723 786 799 524 469 553 480 427

-400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300

East

Manganese Geochemistry Key (ppm)

- 0 to 300
- 300 to 500
- 500 to 700
- 700 to 900
- 900 to 10000

inches 0 1

0 1 2 centimetres

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Teck Corporation

Eholt Project

MANGANESE SURFACE GEOCHEMISTRY (PPM)

Scale 1:5000 February 1997 Figure 8

North

East

Magnesium Geochemistry Key (%)

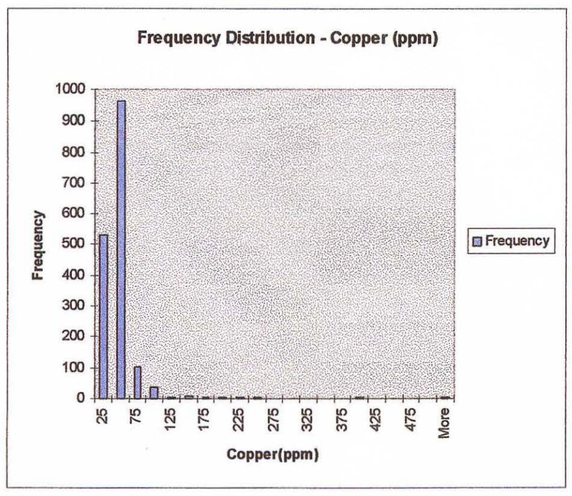
- 0.00 to 0.40
- 0.40 to 0.50
- 0.50 to 0.60
- 0.60 to 1.00
- 1.00 to 100.00

inches
0 1
0 1 2
centimetres

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

Teck Corporation
Eholt Project
MAGNESIUM SURFACE GEOCHEMISTRY (%)
Scale 1:5000 February 1997 Figure 9

North



700: 26 26 26 32 29 28 28 28 30 78 36 50 45 28 28 28 36 32 50 38 38

600: 34 28 36 45 21 24 26 38 30 25 38 34 11 38 40 60 30 32 24 38 23

500: 23 23 52 36 40 50 45 48 32 40 24 36 44 24 30 26 34 26 24 24

400: 26 28 30 28 34 24 26 46 35 39 40 64 100 40 58 60 45 42 34 32 26 26 30 36

300: 36 44 48 32 380 40 46 38 26 36 26 24 26 28 70 46 40 24 30 30 26 48 46 38

200: 36 46 40 350 36 32 30 42 32 19 29 26 30 26 37 32 42 36 28 16 28 27 25 21 20 112 27 22 13 35 17 33 20 52 37 21 25 30 17 12 14 24 24 24 24 23 21 23 22

100: 32 30 26 33 24 24 24 22 22 21 38 28 31 30 32 24 23 34 35 25 33 27 23 27 24 28 39 24 18 25 29 34 47 79 71 46 39 19 28 19 26 24 24 24 22 24 26

0: 24 45 23 40 22 28 26 20 41 30 45 42 34 36 43 32 35 40 32 32 34 36 23 28 17 17 36 28 14 14 24 26 23 49 206 111 244 241 601 83 67 32 35 27 32 22 19 18 9 13 14 17 11 16 15 12 18

-100: 27 28 34 30 27 15 23 25 18 38 16 14 18 13 22 27 26 28 23 26 26 30 21 30 33 34 185 92 94 135 74 38 32 32 38 31 38 33 21 25 24 40 15 11 15 35

-200: 22 32 25 26 37 26 26 45 38 47 22 20 20 21 30 30 32 21 21 19 25 19 15 24 24 28 21 29 17 31 83 369 151 46 379 79 45 89 53 24 10 13 11 14

-300: 51 67 35 43 34 30 26 41 47 70 89 101 40 34 35 16 35 23 24 25 22 19 15 15 26 33 20 27 88 46 63 40 99 129 37 23 28 64 18 12 9 12 14 15

-400: 31 25 25 36 38 23 29 31 55 36 28 33 30 53 65 42 48 45 20 24 40 20 18 52 24 21 24 30 34 30 42 35 31 29 29 74 29 17 37 33 32 34 24 34 42 19 38

-500: 54 30 39 26 36 18 41 47 28 43 35 42 48 81 83 42 45 22 21 14 33 14 33 40 35 30 32 18 28 22 23 23 16 29 31 43 28 24 26 26 15 9 15 16 22 18 20 22 38 29 39 30 28 29 30 46 41 33 29 24 27 41 48 24 43 13 15

-600: 29 36 32 46 76 63 46 37 80 62 291 28 38 34 37 59 42 41 27 17 24 19 16 16 18 32 43 40 26 24 56 78 37 13 49 19 49 52 40 34 25 45 34 40 44 16 21 27 38 50 28 38 47 40 44 19 107 62 109 104 89 54

-700: 51 46 30 42 42 49 58 30 56 75 27 36 38 20 45 17 27 27 49 39 19 24 21 40 21 54 21 36 34 35 29 36 33 29 36 31 22 66 63 29 23 35 48 43 30 35 24 23 31 31 33 26 23 30 58 73 52 33 26 41 45 30 44

-800: 78 42 46 43 22 32 57 31 48 33 60 18 21 23 17 51 22 22 15 30 30 26 30 26 20 42 13 22 30 22 33 24 35 23 43 28 26 33 29 37 36 34 36 63 69 51 58 44 37 43 21 23 133 22 27 21 28 26 20 30

-900: 30 26 30 32 54 66 56 34 39 32 30 24 24 31 27 33 28 17 25 18 26 33 23 24 22 23 25 33 26 15 29 19 25 20 25 26 26 20 20 20 24 19 29 29 42 43 80 27 44 26 32 26 19 43 40 22 53 27 22 17 9

-1000: 48 53 52 50 53 56 35 27 24 24 31 26 24 25 25 27 18 20 21 21 79 33 18 23 22 18 36 49 30 29 23 19 24 24 13 26 23 29 21 24 17 23 36 20 40 34 32 15 41 42 35 31 32 33 75 21 24 29 26 20

-1100: 28 34 26 38 526 40 20 18 16 28 30 22 58 18 20 16 20 30 34 36 36 40 20 20 20 18 26 32 34 32 26 32 28 29 29 34 48 42 39 50 40 42 29 24 38 32 34 35 34 32 29 28 32 26 36

-1200: 74 52 32 50 30 28 26 20 28 24 26 18 22 22 14 16 16 16 14 16 18 32 60 66 70 38 30 185 28 22 30 36 33 32 31 84 32 34 34 44 43 37 27 21 26 28 26 26 23 25 23 22 22 10 19 18 29 20 20

-1300: 38 40 44 58 36 32 24 22 18 14 20 20 22 16 20 40 32 26 22 18 20 20 20 18 12 16 14 26 26 22 20 24 38 27 28 27 26 44 80 58 24 32 22 22 36 19 27 24 20 22 20 21 28 22 19 20 19 22 22 22 20

-1400: 32 42 158 20 18 16 24 16 22 20 20 38 20 18 24 26 26 58 20 22 24 20 32 18 18 24 36 40 44 32 90 38 54 36 29 20 42 38 29 40 40 34 26 22 30 54 22 22 19 22 22 37 31 20 22 18 16 18 22 27

-1500: 38 70 34 72 28 32 26 24 46 30 40 94 44 24 82 28 26 34 26 28 24 38 34 222 154 800 54 466 376 86 38 32 30 38 48 29 36 26 26 32 32 30 31 27 34 32 32 34 24 22 26 25 28 20 22 24 26 26 30 22 25 24 38 28 32 23 20 22 21 22 23 21 18 22 22 23 25 28 22

-1600: 34 32 19 47 26 28 44 55 42 38 20 34 24 52 97 30 89 20 28 24 32 58 23 29 26 45 23 30 32 63 28 30 26 32 29 32 29 40 38 30 34 38 36 42 42 34 33 38 32 28 28 30 30 39 80 126 128 62 52 39 37 45 36 39 32 32 28 26 34 31 30 26 26 23 23 25 24

-1700: 42 59 26 36 45 26 130 23 42 11 18 31 25 18 15 17 22 228 14 12 28 24 24 32 28 38 36 26 38 38 43 54 48 50 40 42 33 30 34 33 37 32 34 34 39 42 38 32 40 34 43 66 250 62 75 50 40 54 60 64 44 52 46 28 29 27 28 26 24 24 22 21 17 20 18 18 19 19 16

-1800: 24 18 24 22 36 36 32 34 31 29 40 37 32 25 33 23 33 22 32 34 36 34 35 40 28 39 36 33 60 56 62 92 48 34 36 28 30 32 38 32 39 42 36 34 36 35 29 26 29 26 25 26 26 26 26 26 27 22 21 32

-1900: 40 32 30 44 42 34 40 52 39 48 32 42 35 38 45 41 42 32 28 36 32 26 42 60 35 30 33 34 62 140 49 36 34 36 39 36 32 38 36 38 33 36 38 26 32 32 32 28 32 29 26 26 28 28 28 27 22 26 32 34 32

-2000: 48 42 30 30 28 38 32 31 34 49 29 28 32 42 38 46 42 40 38 32 38 37 37 28 37 28 32 29 30 34 35 30 32 34 31 32 33 30 30 28 28 30 29 32 32 32 32

-2100: 36 35 38 34 37 37 39 35 35 29 28 32 32 35 32 31 28 31 30 31 30

-2200: 38 36 34 36 40 37 32 50 35 29 34 30 18 26 22 20 18 36 24 18 18

-2300: 20 26 24 36 36 28 22 26 22 26 22 21 20 32 24 20 18 45 20 18 17

-600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600

East

Copper Geochemistry Key (ppm)

- 0.0 to 30.0
- 30.0 to 50.0
- 50.0 to 100.0
- 100.0 to 10000.0

inches 0 1 0 1 centimetres 0 1 2

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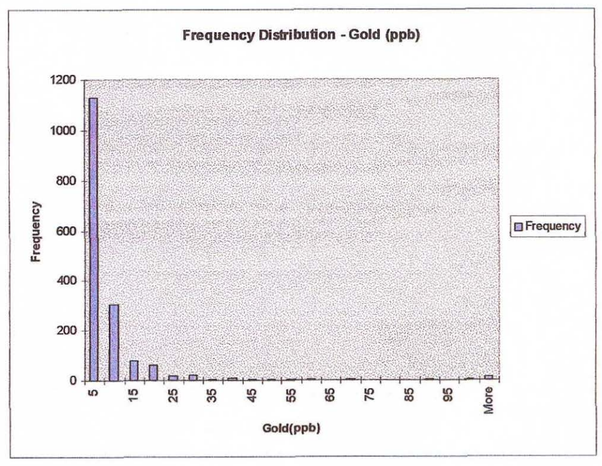
Teck Corporation

COPPER SURFACE GEOCHEMISTRY (PPM)

Scale 1:5000 February 1998 Figure 5

North



700 600 500 400 300 200 100 0 -100 -200 -300 -400 -500 -600 -700 -800 -900 -1000 -1100 -1200 -1300 -1400 -1500 -1600 -1700 -1800 -1900 -2000 -2100 -2200 -2300

-600 -500 -400 -300 -200 -100 0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600

East

Gold Geochemistry Key (ppb)

- 0 to 15
- 15 to 30
- 30 to 60
- 60 to 10000

inches 0 1

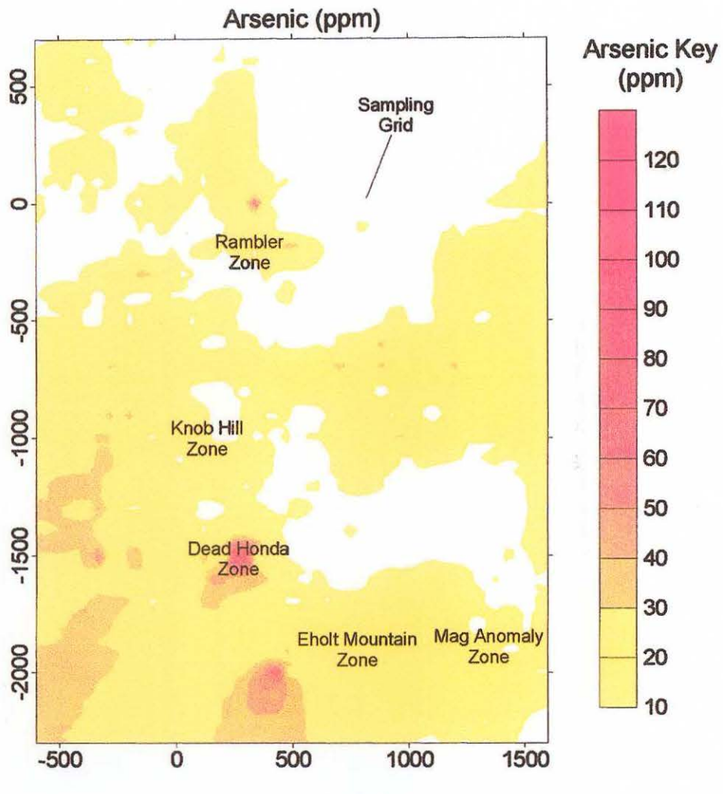
centimetres 0 1 2

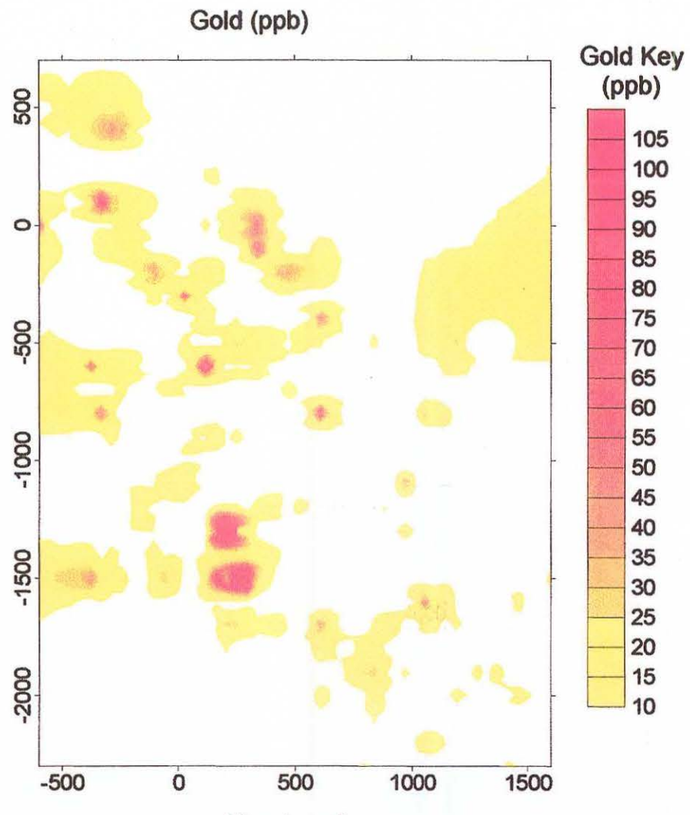
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

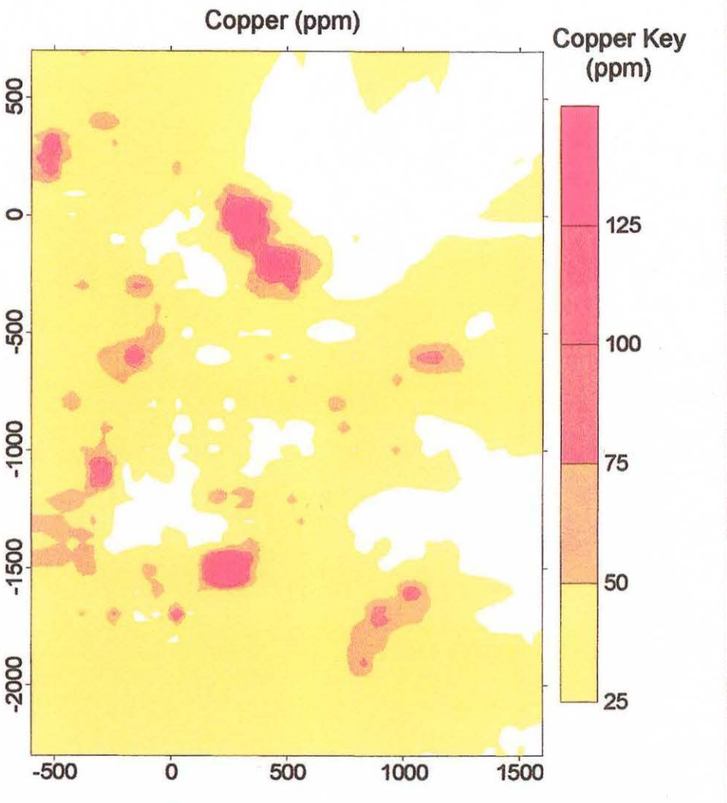
Teck Corporation

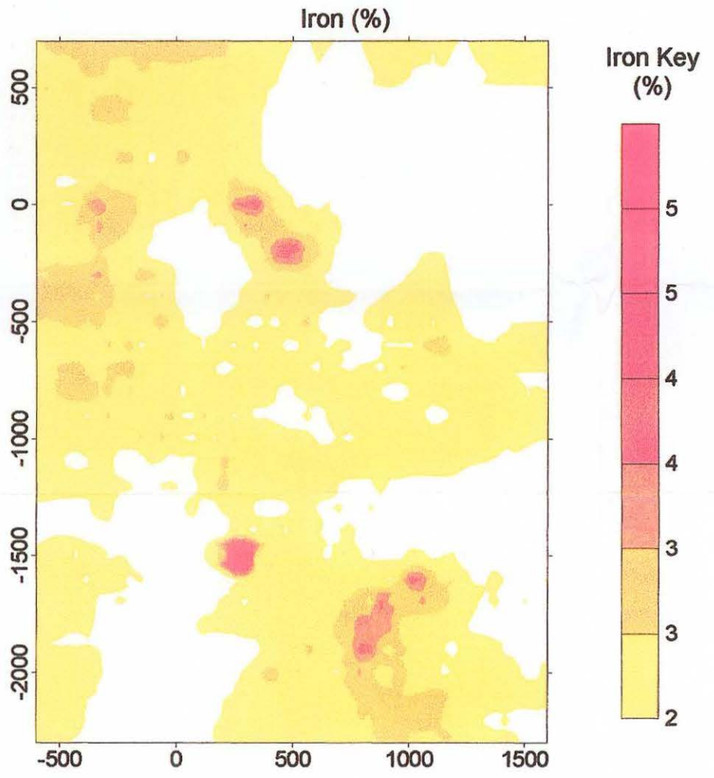
GOLD SURFACE GEOCHEMISTRY (PPB)

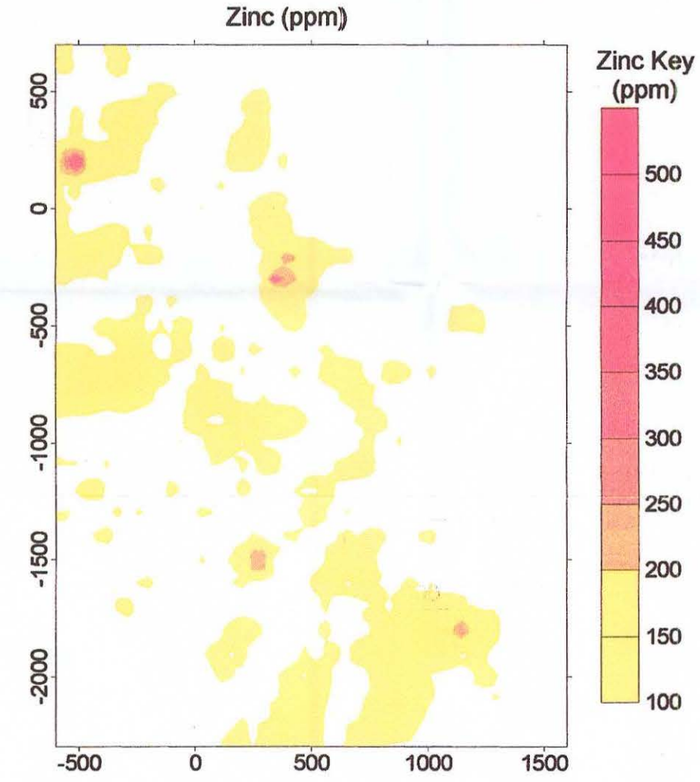
Scale 1:5000 February 1998 Figure 4

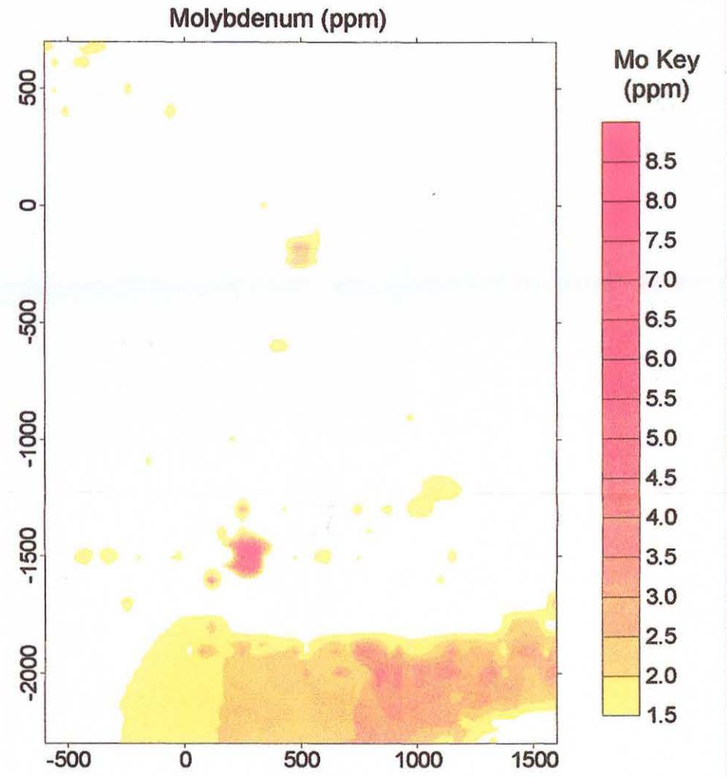


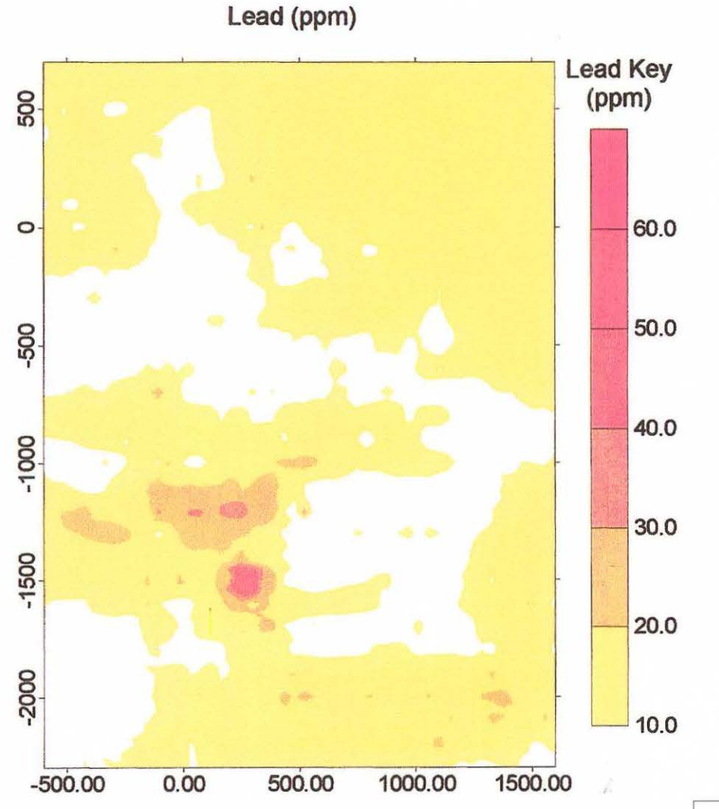


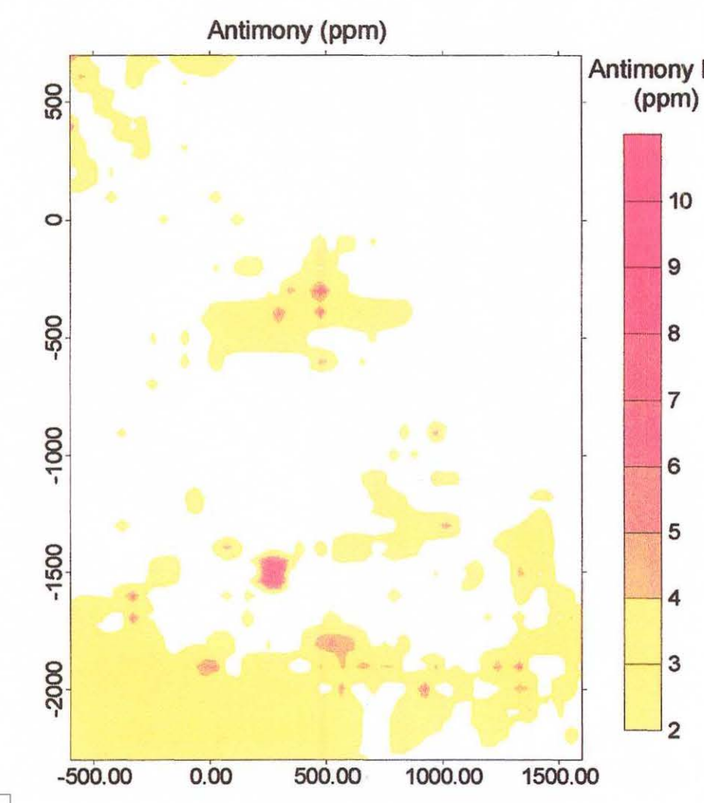


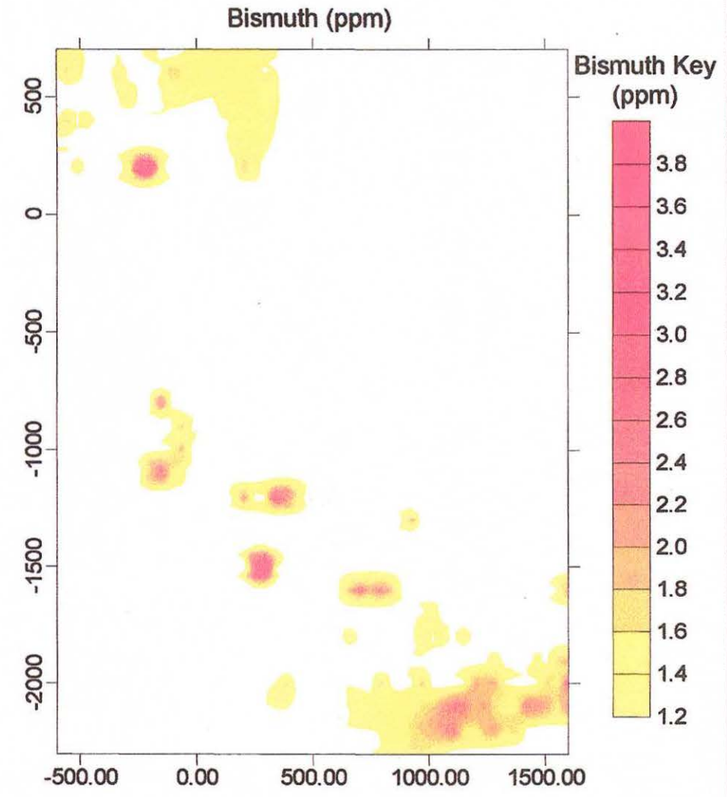


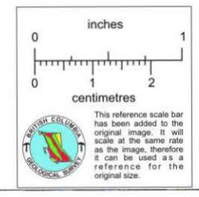












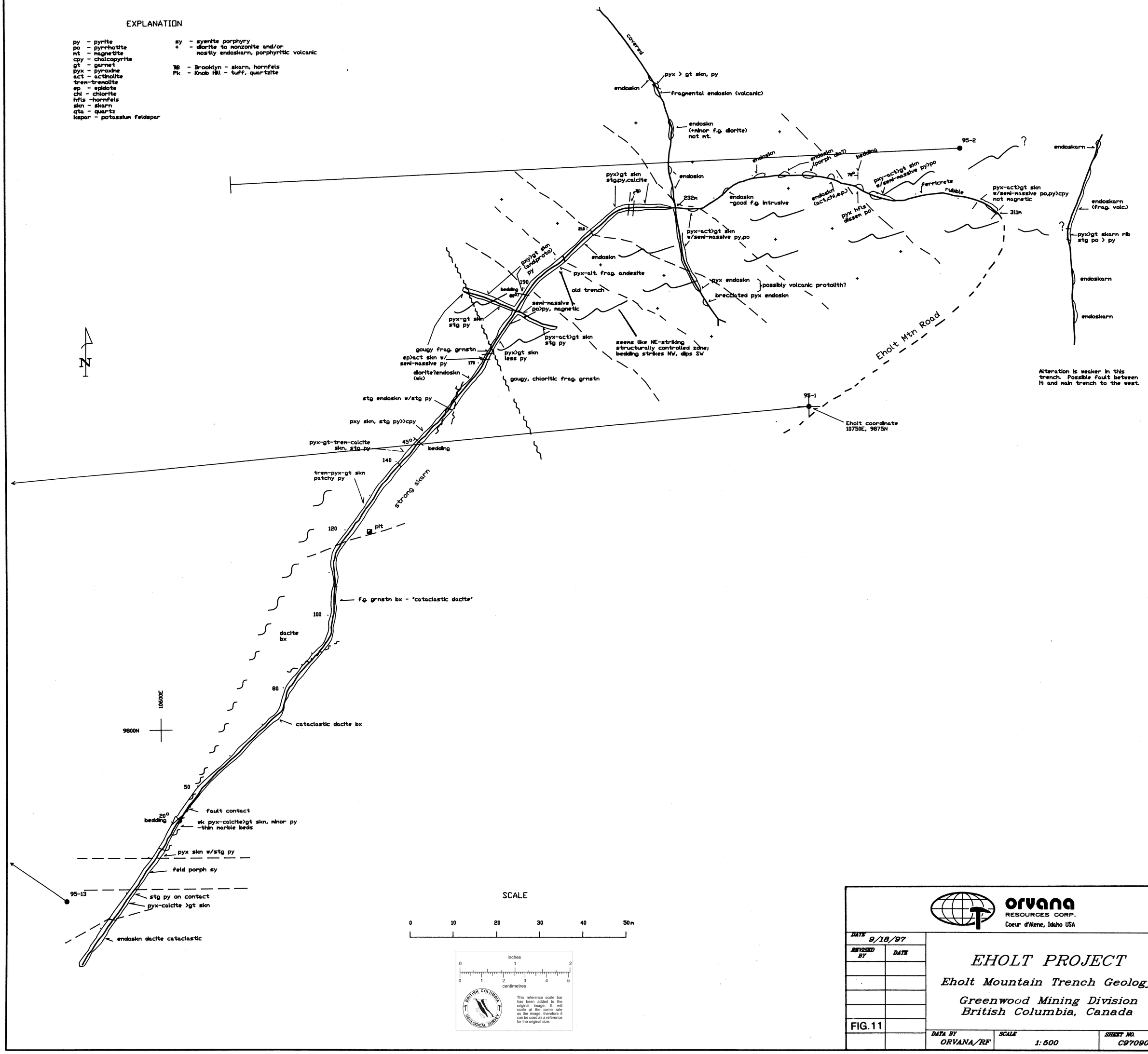
Teck Corporation (Eholt Property)
CONTOURED SURFACE GEOCHEMISTRY
Scale 1:25000 February 1998 Figure 6

EXPLANATION

py - pyrite
po - pyrrhotite
mt - magnetite
cpy - chalcopyrite
gt - garnet
pyx - pyroxine
act - actinolite
tren-trenolite
ep - epidote
chl - chlorite
hfls -hornfels
skn - skarn
qtz - quartz
kspar - potassium feldspar

sy - syenite porphyry
\+ - diorite to monzonite and/or mostly endoskarn, porphyritic volcanic

BB - Brooklyn - skarn, hornfels
Pk - Knob Hill - tuff, quartzite



SCALE

0 10 20 30 40 50m

inches
0 1 2
0 1 2 3 4 5
centimetres

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BRITISH COLUMBIA GEOLOGICAL SURVEY

orvana RESOURCES CORP.
Coeur d'Alene, Idaho USA

DATE 9/18/97

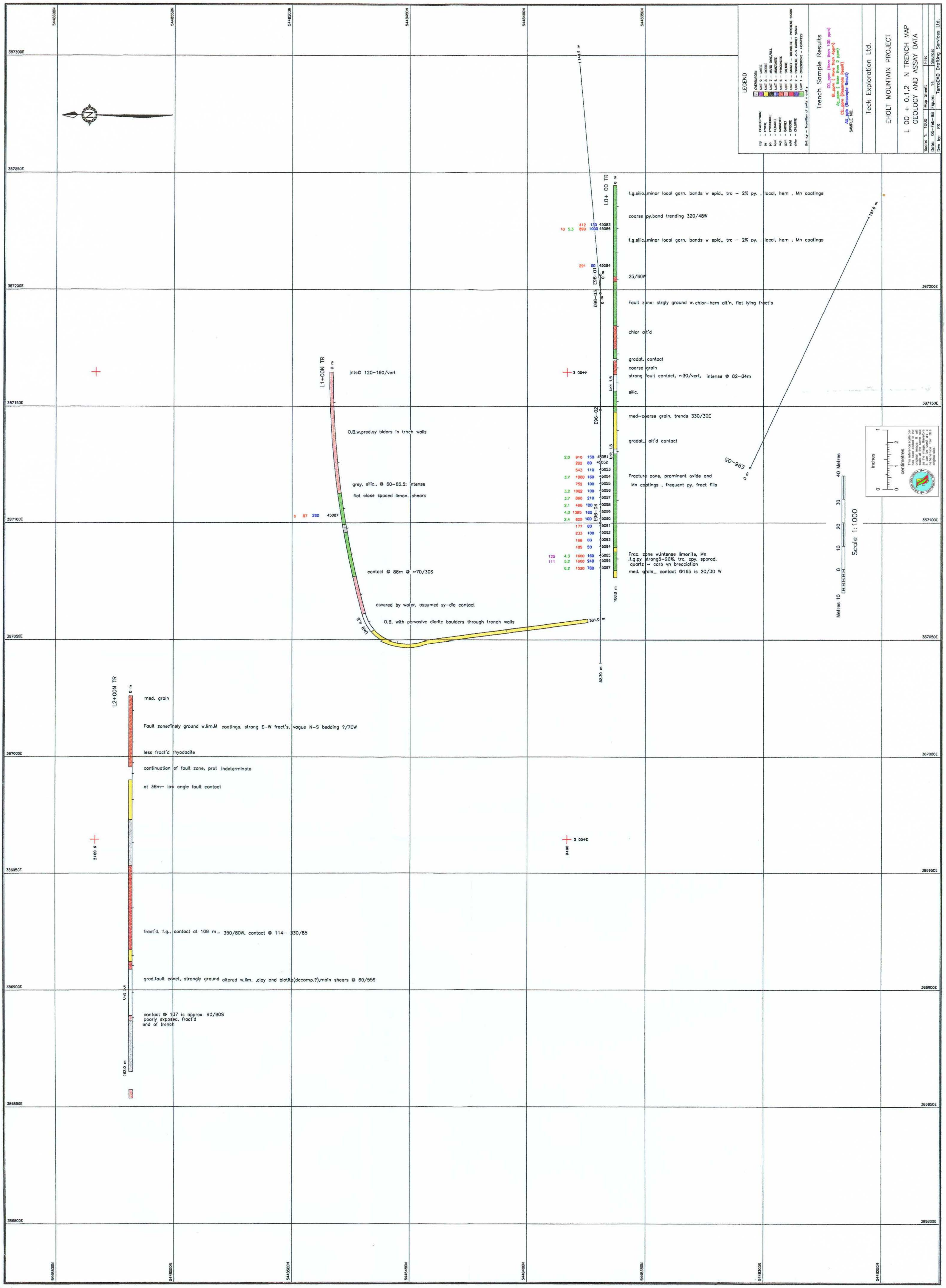
REVISED BY	DATE
FIG.11	

EHOLT PROJECT

Eholt Mountain Trench Geology

Greenwood Mining Division British Columbia, Canada

DATA BY	SCALE	SHEET NO.
ORVANA/RF	1:500	C9709001



EHOLT MOUNTAIN PROJECT
L 00 + 0,1,2 N TRENCH MAP
GEOLOGY AND ASSAY DATA
Teck Exploration Ltd.
Scale: 1: 1000
Date: 05-Feb-98
Dwn by: FS
Map Sheet:
Figure: 14
File:
Source:
TerraCAD Drafting Services Ltd.
LEGEND
cpy - CHALCOPYRITE
py - PYRITE
po - PYRRHOTITE
hem - HEMATITE
mgt - MAGNETITE
garn - GARNET
epid - EPIDOTE
chlor - CHLORITE
Unit x,y - Transition of units x and y
OVERBURDEN
UNIT 9 - LATITE
UNIT 8 - DIORITE
UNIT 7 - MAFIC DYKE/SILL
UNIT 6 - MONZONITE
UNIT 5 - RHYODACITE
UNIT 4 - SYENITE
UNIT 3 - GARNET - TREMOLITE - PYROXENE SKARN
UNIT 2 - PYROXENE <-> GARNET SKARN
UNIT 1 - GREENSTONE - HORNFELS
Trench Sample Results
CO_ppm (More than 100 ppm)
BI_ppm (More than 4ppm)
Ag_ppm (More than 2 ppm)
CU_ppm (Resample Result)
AU_ppb (Resample Result)
SAMPLE NO.
Scale 1:1000
Metres 10 0 10 20 30 40 Metres
inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
5448600N
5448550N
5448500N
5448450N
5448400N
5448350N
5448300N
5448250N
387300E
387250E
387200E
387150E
387100E
387050E
387000E
386950E
386900E
386850E
386800E
140.2 m
167.6 m
E96-05
0 m
L0+ 00 TR
0 m
f.g.silic.,minor local garn. bands w epid., trc – 2% py. , local, hem , Mn coatings
coarse py.band trending 320/48W
412 130 45083
10 5.3 690 1000 45086
f.g.silic.,minor local garn. bands w epid., trc – 2% py. , local, hem , Mn coatings
291 60 45084
E96-01
25/60W
E96-03
Fault zone: strgly ground w.chlor–hem alt'n, flat lying fract's
chlor alt'd
gradat. contact
coarse grain
strong fault contact, ~30/vert, intense @ 82-84m
4+00 E
Unit 1,5
silic.
E96-02
med–coarse grain, trends 330/30E
gradat., alt'd contact
Unit 1,8
2.0 910 150 45051
202 80 45052
543 110 45053
3.7 1000 160 45054
752 100 45055
3.2 1082 100 45056
3.7 860 210 45057
2.1 496 120 45058
4.0 1385 160 45059
2.4 605 100 45060
E96-04
177 80 45081
233 100 45082
168 60 45083
185 50 45084
125 4.3 1600 160 45085
111 5.2 1600 240 45086
6.2 1520 780 45087
Fracture zone, prominent oxide and
Mn coatings , frequent py. fract fills
Frac. zone w.intense limonite, Mn
,f.g.py strong5–20%, trc. cpy, sporad.
quartz – carb vn brecciation
med. grain_ contact @165 is 20/30 W
168.0 m
82.30 m
L1+00N TR
0 m
jnts@ 120–160/vert
O.B.w.pred.sy blders in trnch walls
grey, silic., @ 60–65.5: intense
flat close spaced limon. shears
5 87 260 45087
contact @ 88m @ ~70/30S
covered by water, assumed sy–dio contact
Unit 4,8
O.B. with pervasive diorite boulders through trench walls
301.0 m
L2+00N TR
0 m
med. grain
Fault zone:finely ground w.lim,M coatings, strong E–W fract's, vague N–S bedding ?/70W
less fract'd rhyodacite
continuation of fault zone, prot indeterminate
at 36m– low angle fault contact
2+00 N
2+00 E
0+00
fract'd, f.g., contact at 109 m_ 350/80W, contact @ 114– 330/85
grad.fault conct, strongly ground altered w.lim. ,clay and biotite(decomp.?),main shears @ 60/55S
Unit 5,4
contact @ 137 is approx. 90/80S
poorly exposed, fract'd
end of trench
162.0 m

3875503E 3875603E 3875703E 3875803E 3875903E

5446750N 5446700N 5446650N 5446600N 5446550N 5446500N

EHM TR 1B

0 m

62.0 m

45147 250 1486
45148 220 2400
45149 360 1153
45150 130 850

EHM TR 2

0 m

17.0 m

45044 130
45043 180

EHM TR 3

0 m

45046 90 196

50.0 m

EHM TR 1A

0 m

45115 60 259
45116 20 600
45117 20 1185
45118 180 1084
45119 80 574

45132 80 603
45131 60 339
45130 270 4444
45129 250 1470
45128 60 525

31.0 m

45127 180 1317
45126 90 989
45125 30 314
45124 70 218
45114 210 1142
45113 50 668
45112 30 394
45111 100 703
45110 120 1300
45109 20 214
45108 240 384
45107 20 182
45106 20 135
45105 10 69
45104 40 283
45103 30 293
45102 40 203
45101 60 420

45120 90 432
45121 80 450
45122 70 862
45123 100 1037

45135 20 194
45134 50 808
45133 40 308

45139 60 745
45140 120 2105
45141 90 1087
45142 120 1325

45148 80 718
45145 100 1214
45144 120 1216
45143 130 1210

45040 120 1408
45041 550 1178
45042 120 882

720 110 45047
242 240 45048
641 90 45049

18+00 S

10+00 E

45152 130 189

45151 200 1220

0 m

EHM TR1

LEGEND

cpy – CHALCOPYRITE	OVERBURDEN
py – PYRITE	UNIT 9 – LATITE
po – PYRRHOTITE	UNIT 8 – DIORITE
hem – HEMATITE	UNIT 7 – MAFIC DYKE/SILL
mgt – MAGNETITE	UNIT 6 – MONZONITE
garn – GARNET	UNIT 5 – RHYODACITE
epid – EPIDOTE	UNIT 4 – SYENITE
chlor – CHLORITE	UNIT 3 – GARNET – TREMOLITE – PYROXENE SKARN
	UNIT 2 – PYROXENE <–> GARNET SKARN
	UNIT 1 – GREENSTONE – HORNFELS

Trench Sample Results

CO_ppm (More than 100 ppm)
Bi_ppm (More than 4 ppm)
Ag_ppm (More than 2 ppm)
CU_ppm (Resample Result)
AU_ppb (Resample Result)
SAMPLE NO.

inches
0 1
0 1 2
centimetres

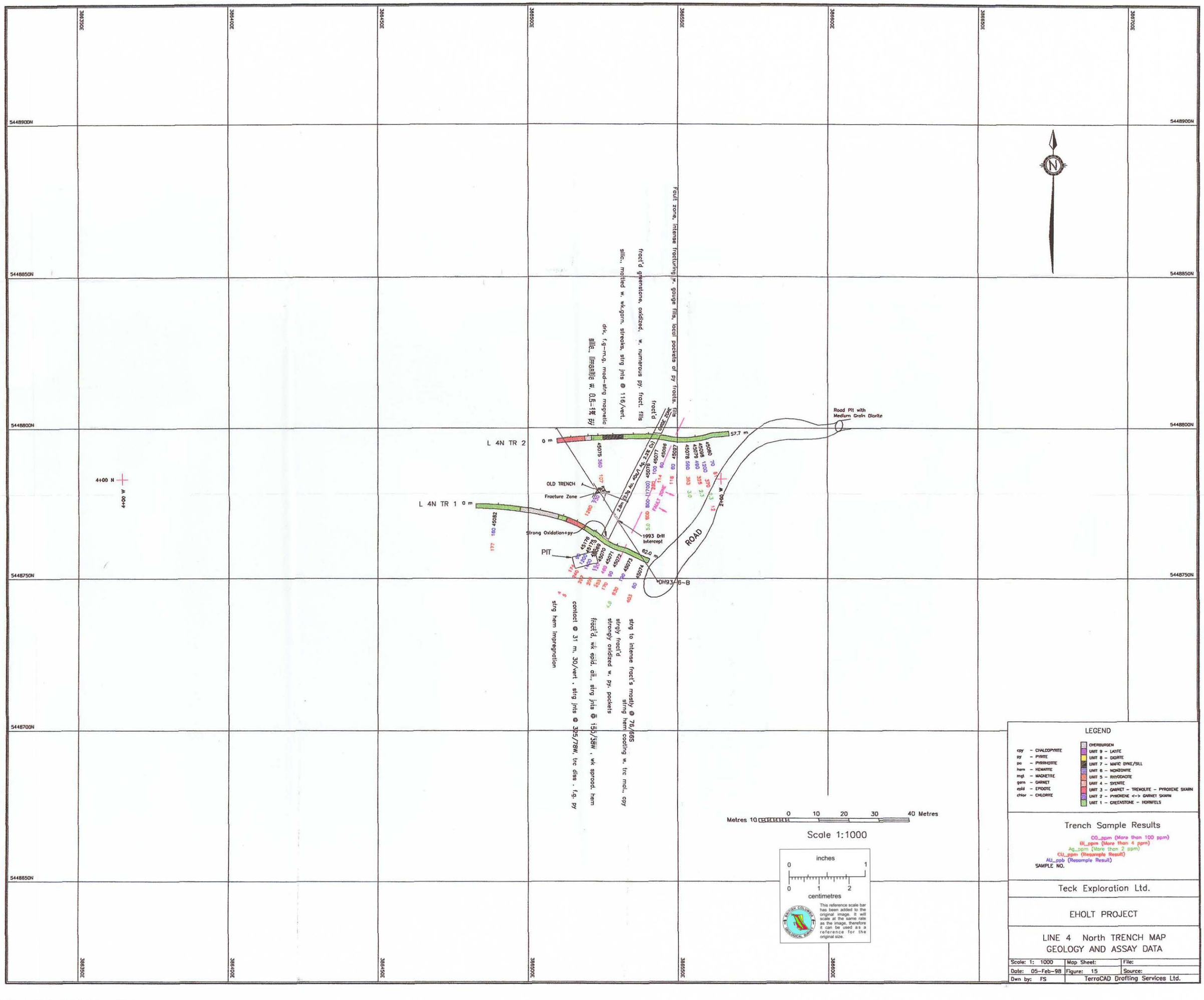
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

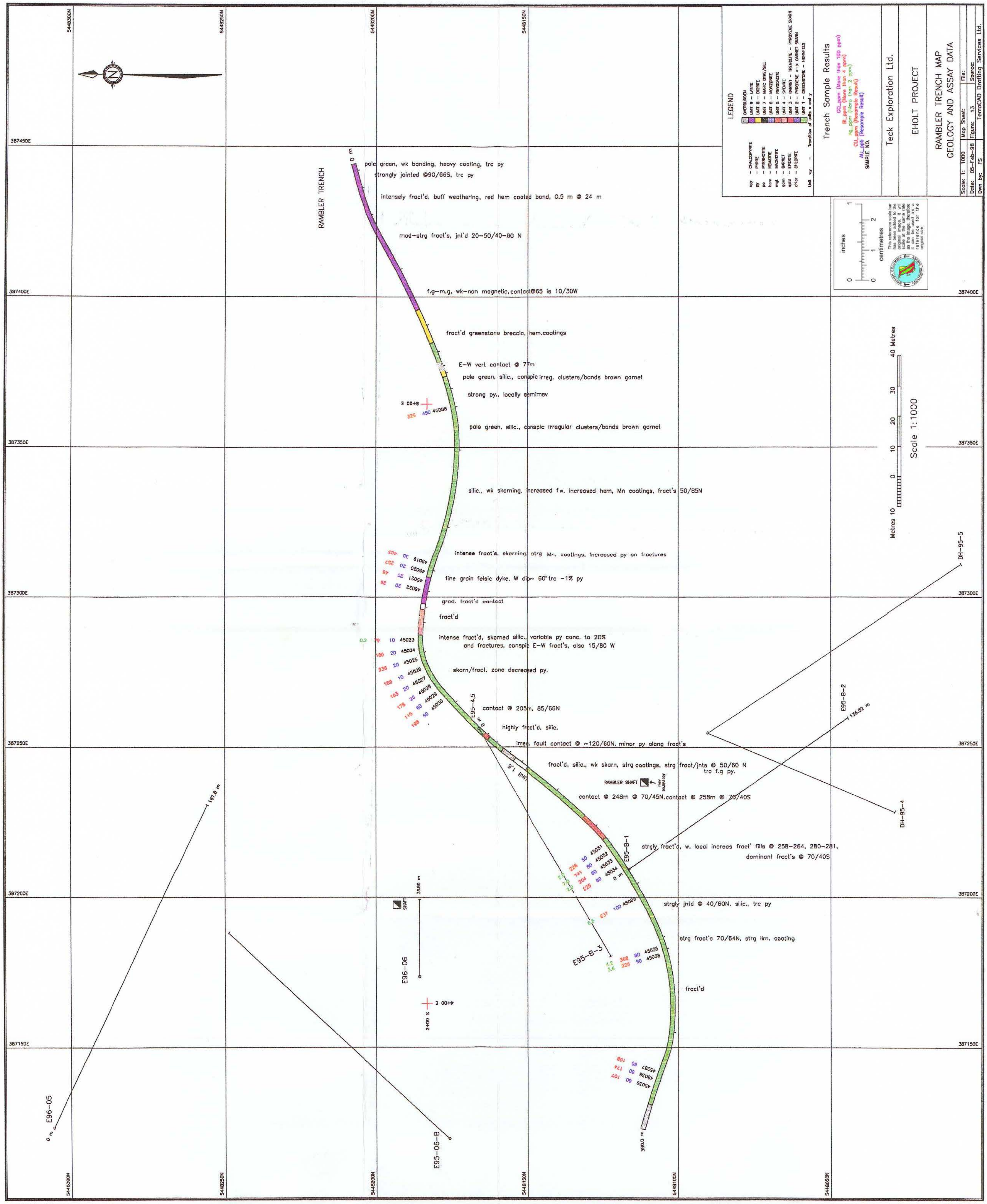
Teck Exploration Ltd.

EHOLT PROJECT

EHOLT MOUNTAIN TRENCH MAP
ASSAY DATA

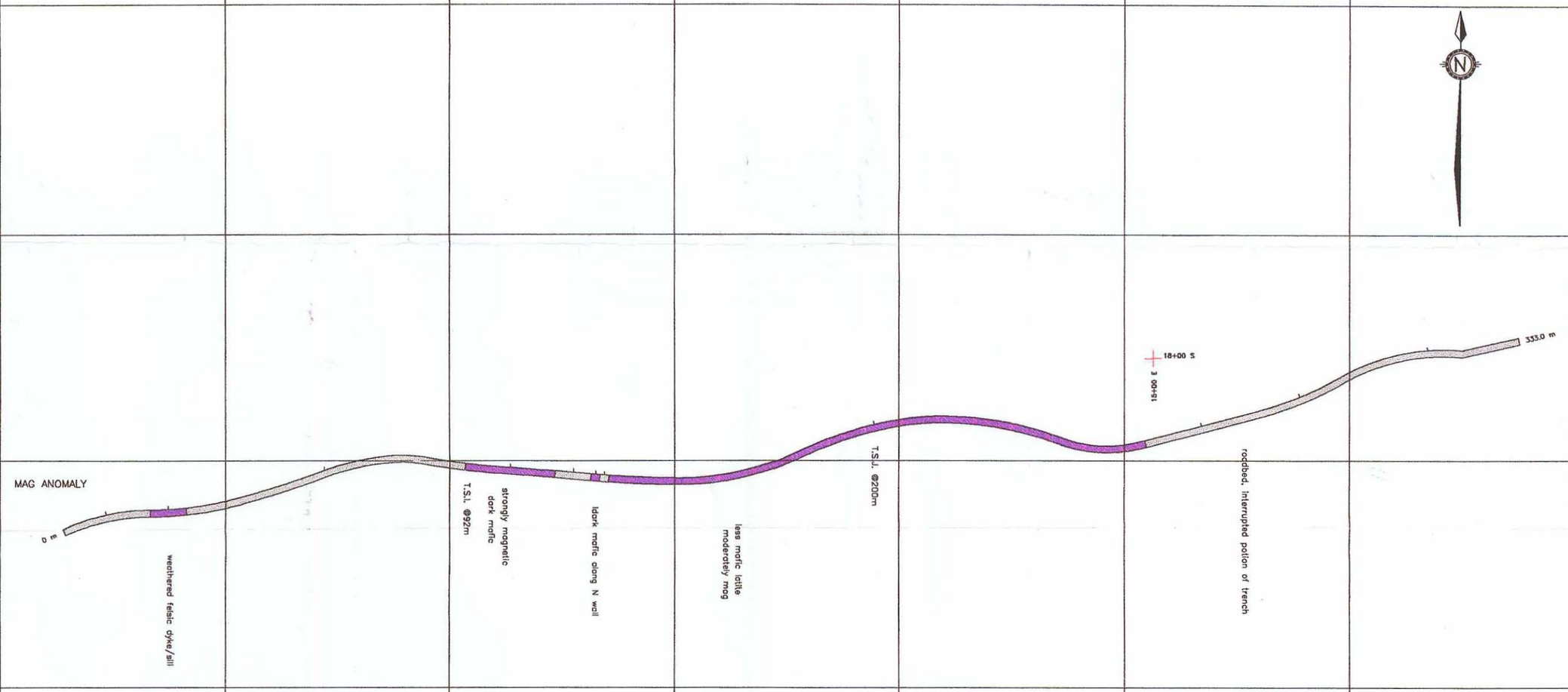
Scale: 1: 1000	Map Sheet:	File:
Date: 05-Feb-98	Figure: 12	Source:
Dwn by: FS	TerraCAD Drafting Services Ltd.	


3985000E
3985500E
3986000E
3986500E
3987000E
5448900N
5448850N
5448800N
5448750N
5448700N
5448650N
L 4N TR 2
L 4N TR 1
0 m
57.7 m
Road Pit with
Medium Grain Diorite
4+00 N
4+00 W
OLD TRENCH
Fracture Zone
Strong Oxidation+py
PIT
1993 Drill
Intercept
ROAD
DH93-6-B
Fault zone, intense fracturing w. gouge fills, local pockets of py fracts. fills
fract'd greenstone, oxidized, w. numerous py. fract. fills
silic., mottled w. wk.garn. stringers, strg jnts @ 116/vert.
drk, f.g-m.g, mod-strg magnetic
silic., limonitic w. 0.5-1% py
strg to intense fract's mostly @ 75/66S
strng hem coating w. trc mol., cpy
strgly fract'd
strongly oxidized w. py. pockets
fract'd, wk epid. alt., strg jnts @ 155/38W , wk sprood. hem
contact @ 31 m. 30/vert . strg jnts @ 325/78W, trc diss . f.g. py
strg hem impregnation
Metres 10
0 10 20 30 40 Metres
Scale 1:1000
inches
0 1
0 1 2
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
LEGEND
cpy – CHALCOPYRITE
py – PYRITE
po – PYRRHOTITE
hem – HEMATITE
mgt – MAGNETITE
garn – GARNET
epid – EPIDOTE
chlor – CHLORITE
OVERBURDEN
UNIT 9 – LATITE
UNIT 8 – DIORITE
UNIT 7 – MAFIC DYKE/SILL
UNIT 6 – MONZONITE
UNIT 5 – RHYODACITE
UNIT 4 – SYENITE
UNIT 3 – GARNET – TREMOLITE – PYROXENE SKARN
UNIT 2 – PYROXENE <–> GARNET SKARN
UNIT 1 – GREENSTONE – HORNFELS
Trench Sample Results
CO_ppm (More than 100 ppm)
Bi_ppm (More than 4 ppm)
Ag_ppm (More than 2 ppm)
CU_ppm (Resample Result)
AU_ppb (Resample Result)
SAMPLE NO.
Teck Exploration Ltd.
EHOLT PROJECT
LINE 4 North TRENCH MAP
GEOLOGY AND ASSAY DATA
Scale: 1: 1000
Date: 05-Feb-98
Dwn by: FS
Map Sheet:
Figure: 15
File:
Source:
TerraCAD Drafting Services Ltd.


RAMBLER TRENCH MAP
GEOLOGY AND ASSAY DATA
EHOLT PROJECT
Teck Exploration Ltd.
Scale: 1: 1000
Date: 05-Feb-98
Dwn by: FS
Map Sheet:
Figure: 13
File:
Source:
TerraCAD Drafting Services Ltd.
LEGEND
cpy - CHALCOPYRITE
py - PYRITE
po - PYRRHOTITE
hem - HEMATITE
mgt - MAGNETITE
garn - GARNET
epid - EPIDOTE
chlor - CHLORITE
Unit x,y - Transition of units x and y
OVERBURDEN
UNIT 9 - LATITE
UNIT 8 - DIORITE
UNIT 7 - MAFIC DYKE/SILL
UNIT 6 - MONZONITE
UNIT 5 - RHYODACITE
UNIT 4 - SYENITE
UNIT 3 - GARNET - TREMOLITE - PYROXENE SKARN
UNIT 2 - PYROXENE <-> GARNET SKARN
UNIT 1 - GREENSTONE - HORNFELS
Trench Sample Results
CO_ppm (More than 100 ppm)
BI_ppm (More than 4 ppm)
AG_ppm (More than 2 ppm)
CU_ppm (Resample Result)
AU_ppb (Resample Result)
SAMPLE NO.
inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
BRITISH COLUMBIA GEOLOGICAL SURVEY
Scale 1:1000
Metres 10 0 10 20 30 40 Metres
5448300N
5448250N
5448200N
5448150N
5448100N
5448050N
387450E
387400E
387350E
387300E
387250E
387200E
387150E
RAMBLER TRENCH
0 m
pale green, wk banding, heavy coating, trc py
strongly jointed @90/66S, trc py
intensely fract'd, buff weathering, red hem coated band, 0.5 m @ 24 m
mod-strg fract's, jnt'd 20-50/40-60 N
f.g-m.g, wk-non magnetic, contact@65 is 10/30W
fract'd greenstone breccia, hem.coatings
E-W vert contact @ 77m
pale green, silic., conspic irreg. clusters/bands brown garnet
strong py., locally semimsv
3 00+9
325 450 45088
pale green, silic., conspic irregular clusters/bands brown garnet
silic., wk skarning, increased f.w. increased hem, Mn coatings, fract's 50/85N
intense fract's, skarning, strg Mn. coatings, increased py on fractures
45019 30 403
45020 20 257
45021 20 46
45022 20 29
fine grain felsic dyke, W dip~ 60° trc -1% py
grad. fract'd contact
fract'd
0.2 79 10 45023
180 20 45024
236 20 45025
169 10 45026
183 20 45027
178 20 45028
115 60 45029
198 50 45030
intense fract'd, skarned silic., variable py conc. to 20%
and fractures, conspic E-W fract's, also 15/60 W
skarn/fract. zone decreased py.
E95-4.5
0 m
contact @ 205m, 85/66N
highly fract'd, silic.
irreg. fault contact @ ~120/60N, minor py along fract's
Unit 1.6
fract'd, silic., wk skarn, strg coatings, strg fract/jnts @ 50/60 N
trc f.g py.
RAMBLER SHAFT
contact @ 248m @ 70/45N, contact @ 258m @ 70/40S
DH-95-5
DH-95-4
E95-B-2
136.52 m
E95-B-1
strgly fract'd, w. local increas fract' fills @ 258-264, 280-281,
dominant fract's @ 70/40S
2.0 228 50 45031
7.0 741 80 45032
2.0 204 60 45033
225 80 45034
0 m
6.6 637 100 45089
strgly jntd @ 40/60N, silic., trc py
strg fract's 70/64N, strg lim. coating
E95-B-3
4.2 368 80 45035
3.6 225 90 45036
fract'd
45037 60 108
45038 60 174
45039 60 107
380.0 m
167.6 m
E96-05
0 m
36.80 m
SHAFT
E96-06
4+00 E
2+00 S
E95-06-B

3983000E
3983500E
3984000E
3984500E
3985000E
3985500E
3986000E
3986500E

5446700N
5446650N
5446600N
5446550N
5446500N
5446450N



Metres 10 0 10 20 30 40 Metres

Scale 1:1000

inches
0 1
0 1 2
centimetres

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LEGEND

cpy – CHALCOPYRITE	OVERBURDEN
py – PYRITE	UNIT 9 – LATITE
po – PYRRHOTITE	UNIT 8 – DIORITE
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	UNIT 2 – PYROXENE <–> GARNET SKARN
	UNIT 1 – GREENSTONE – HORNFELS

Trench Sample Results

CO_ppm (Less than 100 ppm)
Bi_ppm (More 4 ppm)
Ag_ppm (More than 2 ppm)
CU_ppm (Resample Result)
AU_ppb (Resample Result)
SAMPLE NO.

Teck Exploration Ltd.

EHOLT PROJECT

MAG ANOMALY TRENCH MAP
TRENCH GEOLOGY

Scale: 1: 1000	Map Sheet:	File:
Date: 05-Feb-98	Figure: 17	Source:
Dwn by: FS	TerraCAD Drafting Services Ltd.	