1994 ASSESSMENT REPORT

ON THE

REBEL PROPERTY

NTS: 94C/16W, 94F/1W

Latitude 57°00'N

Longitude 124°22'W

Omineca Mining Division

Owner: Teck Corporation,
600 - 200 Burrard Street,
Vancouver, B.C.
V6C 3L9

Operator: Teck Exploration Ltd.
350 - 272 Victoria Street
Kamloops, B.C.
V2C 2A2

Jean Pautler
November, 1994

SUMMARY:

The 31 unit (775ha.) REBEL claims were staked to cover the REB pyrite occurrence, 65 km southeast of the Cirque Zn, Pb, Ag deposit. The property is located 210 km northwest of Mackenzie B.C.

The property is predominantly underlain by Ordovician and Silurian Road River Group clastic rocks, which are in fault contact with older calcareous mudstones of the Cambro-Ordovician Kechika Group.

The REB showing consists of a 40m wide zone of pyrite interbedded with black shale, hosted by a thickened section of middle - late Ordovician aged Road River Group black shales, siltstones and chert. The pyritic horizon has been traced for 300m along strike. Four ferricrete zones occur along trend of and appear to represent the massive sulfide horizon, for a total strike length of almost 1 km.

The 1994 soil survey extends the known 1.0 km long Pb in soil anomaly by 600-700m to the northwest. Maximum values obtained are 7570 ppm Pb, 25.2 ppm Ag and 3725 ppm Zn. Maximum values obtained from rock are 1.77% Zn and 0.5% Pb.

The REB pyrite showing is interpreted to be a distal expression of a Zn, Pb, Ag sedex deposit. Base metal mineralization has not been found along strike due to poor rock exposure. The mineral horizon is defined, however, by the exposure of hanging wall and footwall stratigraphy, ferricrete zones and anomalous Pb soil geochemistry. The down dip extent of the REB showing has never been tested. Drilling is necessary to sample the mineralized horizon to determine vectors to ore.

It is recommended that a 1,000m helicopter diamond drill program be undertaken to test the REB massive sulfide horizon over a 1 km strike extent, and down dip.

Further detailed mapping and prospecting is necessary to determine the cause of significant Pb, Zn soil anomalies which may extend the sulfide horizon to the northwest. Further drilling in this area would be warranted if confirmation is obtained that the anomalies reflect the massive sulfide horizon.

TABLE OF CONTENTS

LIST OF FIGURES

APPENDICES

1. LOCATION AND ACCESS (Figure 1)

The REBEL property, NTS map sheet 94C/16W, 94F/1W is located 210 km northwest of Mackenzie B.C., in the Omineca Mining Division. Latitude and longitude of the property are 57°00'N, 124°22'W.

Access is by fixed wing from Mackenzie to the Tsay Keh airstrip at the head of Williston Lake, via regular sched flights. Ted Browne logging camp is located nearby. It is another 40 km from Tsay Keh via helicopter to the property.

2. LEGAL DESCRIPTION (Figure 2)

The REBEL 1-3 claims consist of 31 contiguous units covering an area of approximately 775 hectares. The REBEL claims are owned by Teck Corporation, Vancouver, B.C. and Teck Exploration Ltd., of Kamloops, B.C., was the operator. The REBEL 1 and 2 claims were staked on September 11, 1993 and the REBEL 3 claim was staked on August 28, 1994. Work on REBEL 3 did not commence until after August 28. A table showing pertinent claim data follows:

Claim Name	Record No.	No. of Units	Expiry Date	Years to be Applied	New Expiry Date
REBEL 1	321163	12	Sept 11, 1994	4	Sept 11, 1998*
REBEL 2	321164	16	Sept 11, 1994	4	Sept 11, 1998*
REBEL 3	330605	3	Aug. 28, 1995	3	Aug. 28, 1998*

* Note: Expiry date based on acceptance of this report.

3. PHYSIOGRAPHY

The claims lie within Muskwa Ranges of the northern Rocky Mountains. They are situated on a south facing slope of an unnamed tributary (Reb Creek) of the Ospika River, near its headwaters. The slope is dissected by several small tributaries of Reb Creek. Moderately sloped, wooded hillsides are capped by rugged, barren mountains to the north. Exposure is largely limited to creek drainages and the rugged slopes. Elevations range from 1240m to 2200m.

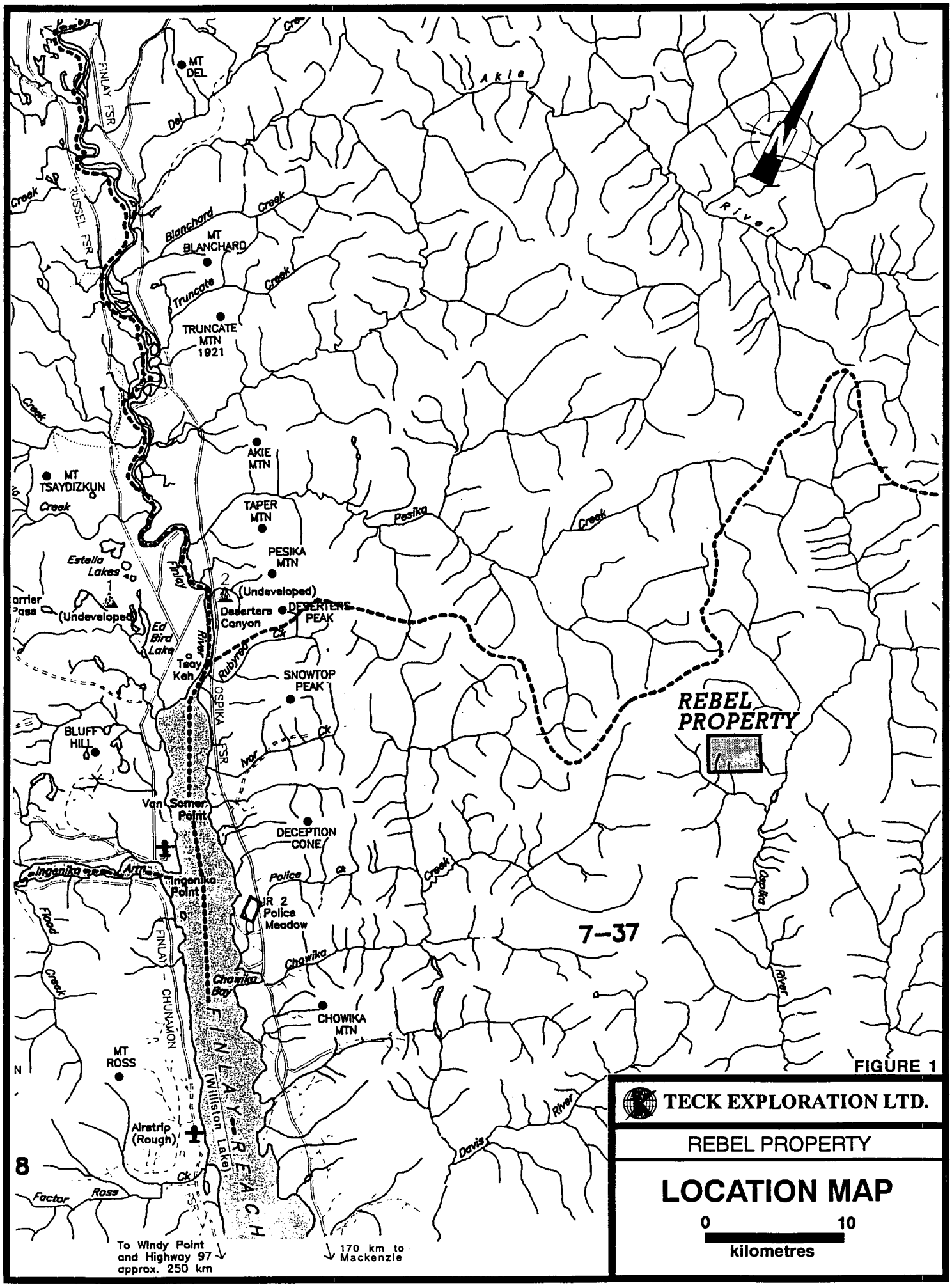


FIGURE 1

TECK EXPLORATION LTD.

REBEL PROPERTY

LOCATION MAP

0 10

kilometres

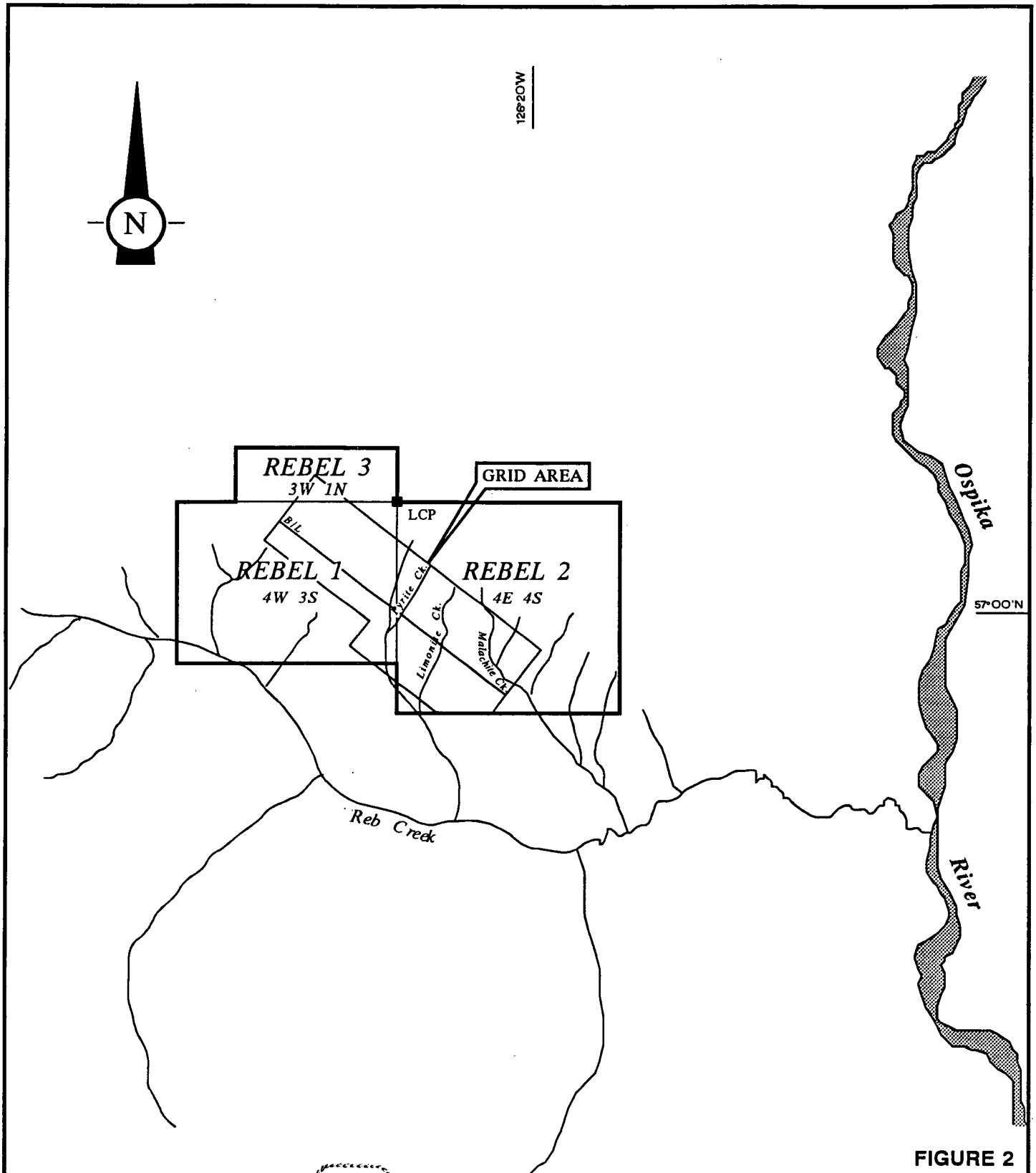


FIGURE 2

TECK EXPLORATION LTD.

REBEL PROPERTY

CLAIM LOCATION MAP

2 kilometres

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. M. PAUTLER
GEOSCIENTIST

94C/16W, 94F/1W

4. HISTORY

The REB showing was originally discovered by Esperanza Explorations in 1979 by following up an iron seep in a creek. Esso Resources optioned the ground and from 1980 to 1982 conducted geological mapping, silt, soil and rock geochemistry, HLEM, gravity and magnetic geophysical surveys, and shallow hand trenching.

Ferricrete zones, exposed over 1.0 km, were delineated along strike of the REB showing. A semi-continuous, >1,000 ppm Pb in soil anomaly was found to be coincident with the ferricrete zones but remained open ended to the northwest.

In late 1982, 5 shallow holes were drilled, but largely in the wrong direction. The core was stored at BL/0+00E, but is in a major state of disrepair.

5. 1994 WORK

A total of 30 man days were spent on the REBEL property between August 26 and September 8, 1994. Work consisted of extension of the existing soil grid to the northwest (6.5 line km), detailed structural mapping and sampling in the vicinity of the REB showing and ferricrete zones along strike, and minor hand trenching.

The existing 310° trending baseline was extended 1.1 km to the northwest. The soil samples were collected at 25m intervals on lines spaced 100m apart for the first three lines and then 200m apart.

6. GEOLOGY

a) Regional (Figure 3)

For a thorough description of the regional geology of the Kechika Trough, including the REB occurrence, refer to MacIntyre (1992).

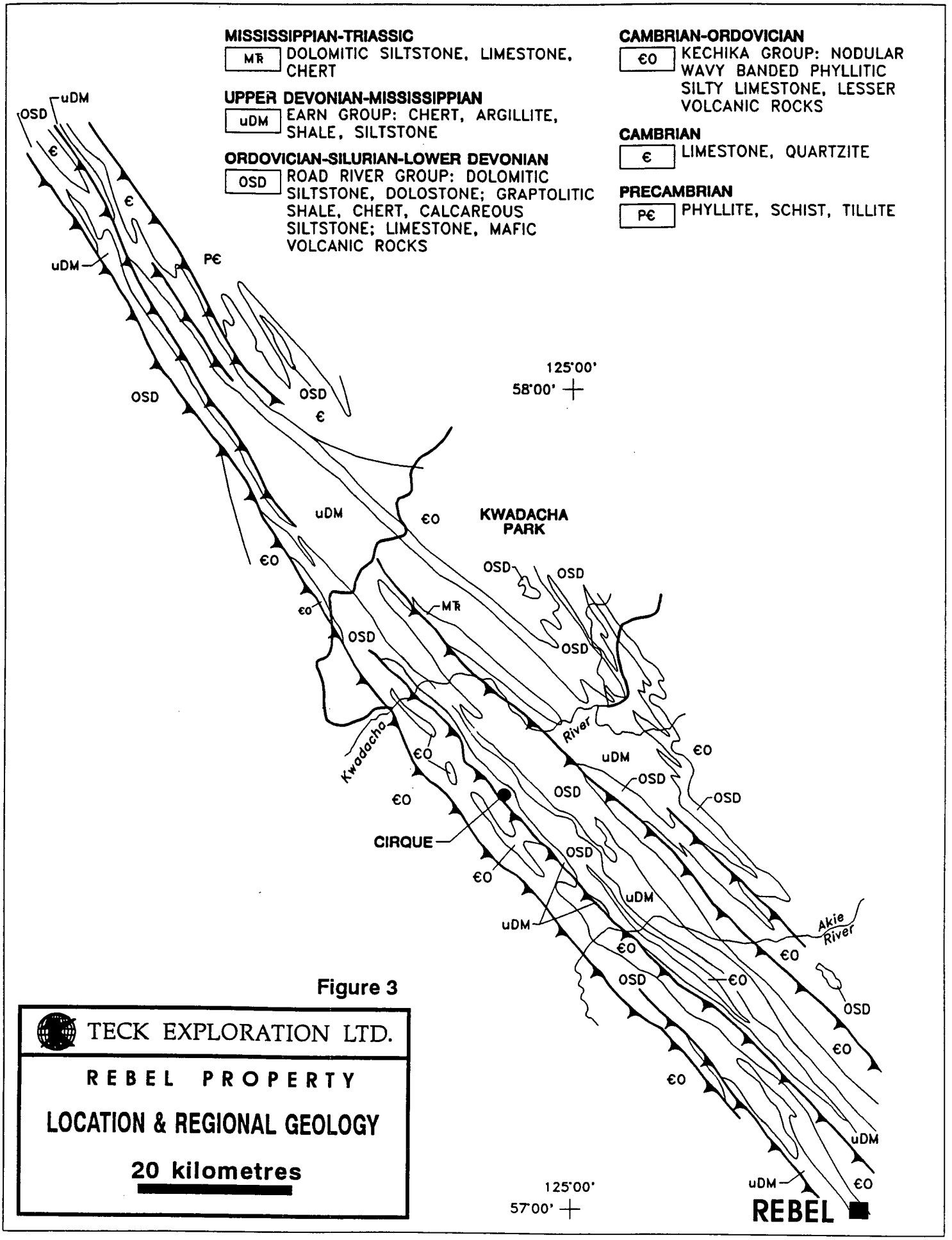


Figure 3

TECK EXPLORATION LTD.

REBEL PROPERTY

LOCATION & REGIONAL GEOLOGY

20 kilometres

AFTER MacINTYRE, 1983

The REBEL property is located within the Rocky Mountain Fold and Thrust belt of northeastern B.C. The property lies within Paleozoic, miogeoclinal basinal facies rocks of ancestral North America affinity (MacIntyre, 1992). These rocks were deposited in the Kechika Trough, a southeast extension of the Selwyn Basin and are bounded to the east by platformal carbonates of the MacDonald Platform and to the west by carbonates of the Cassiar Platform. The Kechika Trough is underlain by predominately clastic rocks ranging from Proterozoic to Triassic in age which form a northwest trending linear belt. Northeast directed compression has resulted in complex thrusting and related folding.

The REBEL claims are underlain by black shale, silty shale, siliceous shale and chert of Ordovician to Silurian aged Road River Group. Road River rocks reflect the establishment of an abrupt, well defined basin platform transition zone along the eastern margin of the Kechika Trough that persisted from early Ordovician to late Devonian (MacIntyre, 1992).

The Stronsay (Cirque) deposit, located 65 km to the northwest of the Rebel property, contains an estimated 38.5 m.t. @ 8.0% Zn, 2.2% Pb, 47.2g/t Ag.

b) Property (Figures 4 - 6)

The oldest unit exposed on the property is the Kechika Group of Cambro-Ordovician age. It consists of brown weathering, medium grey coloured phyllitic mudstone to siltstone with nodules of limestone. The unit forms the rugged slopes in the northeastern property area. The contact between the Kechika Group and the younger Road River Group is represented by an imbricate thrust fault.

The REBEL property is predominantly underlain by northwest trending Ordovician to Silurian aged Road River Group sedimentary rocks. (Graptolites were previously used to date the section.) The base of the section consists of brown weathering, dolomitic sandstone, siltstone with minor shale beds (OSS2). Shale becomes more dominant upwards in the sequence (OSS1). Quartz, carbonate and barite veins occur within the OSS2 unit.

The dolomitic units are overlain by a thick succession of black shale, siltstone and chert, locally dolomitic, with minor limestone. This sequence is dominated by black, carbonaceous, graptolitic shale (OS1), with minor chert (OS3) and siltstone beds. This unit is underlain by a black siltstone to silty black dolomite unit (OS2).

The Ordovician section is overlain by siltstones, limestones, thin shale, and dolomite which comprise the Silurian section (SSl).

i) Structure:

In the property area, the Road River Group has been folded into a syncline trending 146°/56°NE, plunging 16° towards 329°, (Hrkac, 1982). This was confirmed by current detailed mapping. The Silurian section appears to be exposed in the core of the syncline at the higher elevations. The Ordovician stratigraphy hosting the Reb showing generally trends northwest/75°NE-80°SW and appears to be overturned (if bedding/cleavage relationships are valid in this complex imbricate thrust environment). Refer to Figure 5 for a generalized geological section showing the overturned syncline, through Pyrite Creek.

Drastic thickening of the Ordovician shales in the property area (700m compared to 110 - 150m) is thought to represent a sub-basin in the Road River Group. Hrkac (1982) suggests that the fault contact between the Kechika and Road River Groups may represent a reactivated growth fault. The fault is a northeasterly directed imbricate thrust.

ii) Mineralization:

The REB showing, located at 7+75N/0+75N, consists of a 40m wide zone of pyrite interbedded with black shale, commonly siliceous, of Middle - Late Ordovician aged Road River Group. Massive pyrite bands vary from <1 cm to 1.0m wide, commonly with 0.3m wide massive sections, 1-2m apart. The pyritic horizon has been discontinuously traced for 300m along strike, from L8W to L11W. On L10W, pyrite bands up to 0.7m wide are interbedded with black chert. The massive sulfide horizon is represented by black, siliceous shale with 1-7 cm bands of massive pyrite near L11W/0+75N.

Four ferricrete zones occur along trend of and appear to represent the massive sulfide horizon, for a total strike length of almost 1 km (from L1W/2+50N to

A

A'

METRES Above Sea Level

1800
1700
1600
1500
1400
1300
1200
1100
1000
900

AXIS of MAJOR OVERTURNED ISOCLINAL–CHEVRON SYNFORM

Isoclinal Chevron minor minor

MASSIVE SULPHIDE HORIZON

B/L 0+00N

DDH–5

DDH–4

PYRITE CREEK

SW CV

NE CV

OS1 minor OS2 locally graphitic

OS1 Qtz stockwork

OS2/OS1 calcite laminations and nodules

OS2/OS1 Py laminations

OS1/OS2 Py/Calcite boudins/laminations

OS1 + OS2 Py lams.

OS2 + OS1 Py. lams.

OS1 + OS2

OS2 + OS1

OS1/OS2

OS2

OS1/OS2 Qtz/calcite veins

OS2/OS1

OS1/OS2

OSS2 minor QSS1

OSS2

€Ok

OSS2

€Ok

OSS2

€Ok

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA J. M. PAUTLER GEOSCIENTIST

FIGURE 5

For Legend see Figure 4

0 20 40 60 80 100 metres

Horizontal Scale: 1:2,000

100 50 0 metres

Vertical Scale: 1:5,000

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

REBEL PROJECT

GEOLOGICAL SECTION

DATE DRAWN: NOV. 30, 1994	SCALE: As Shown	DWG. NAME: REB–LONG
COMPILED BY: H.S.	JOB No: 1740	
DRAWN BY: S.A.	NTS:94F/1,94C/16	

two occurrences extend the horizon 600m to the northwest. Another 500m to the northwest, narrow (<1 cm) pyrite laminations, hosted by black, siliceous shale and chert near L21W/2+75N, may represent a distal expression of the massive sulfide horizon.

Several gossans and weak ferricrete zones, on the property, consist of Ordovician dolomitic sandstone-siltstone with dolomite and quartz veins ± malachite, azurite, chalcocite, chalcopyrite and tetrahedrite. Massive barite pods and veins are also evident in this unit particularly at L3-4W/4+50N. This type of mineralization is thought to be related to the imbricate thrust fault between the Kechika and Road River Groups since it generally occurs within 100m of the contact.

Similar quartz veining with malachite and chalcopyrite occurs at 0+75E/3N and malachite was observed in the black cherts at 1+50W/3+25N. It is uncertain whether mineralization here is related to footwall alteration or to the thrust.

iii) Ore Stratigraphy:

The massive sulfide horizon occurs 300m stratigraphically above the unconformable Kechika/Road River Group contact. Both the massive pyrite and ferricrete zones are hosted by a thinly laminated black shale, commonly silicified to black chert, with finely disseminated pyrite. The chert and silicification are more common in the stratigraphic footwall. Concretions are evident in a black, limy to dolomitic shale in what appears to be the hanging wall. Pyrite nodules occur within the black shales approximately 150-200m into the hanging wall. The pyrite nodular shale and chert horizons have been traced over a 2.4 km strike length.

7. GEOCHEMISTRY (Figures 7 - 11)

a) Procedure

A total of 32 rock, 216 soil and 7 stream sediment samples were collected from the property. The samples were sent to Eco-Tech Labs, Kamloops, B.C. and analyzed for Al, Sb, As, Ba, Bi, Cd, Ca, Cr, Co, Cu, Fe, La, Pb, Mg, Mn, Hg, Mo, Na, Ni, P, Ag, Sr, Ti, Sn, W, U, V and Zn using a 32 element ICP package which involves a nitric-aqua regia

digestion. Ba was also assayed for 21 of the rock samples using a lithium metaborate fusion procedure. Au was analyzed by fire assay with an atomic absorption finish on eight of the rock samples. Lab procedures and results are outlined in Appendix II.

The rock samples primarily consisted of chip samples across mineralized and alteration zones. Grab samples were collected from areas of float or limited subcrop.

The stream sediment samples consisted of moss mat and Fe seep samples. The moss mats were collected from the lee side of boulders within the creek and placed in waterproof kraft bags.

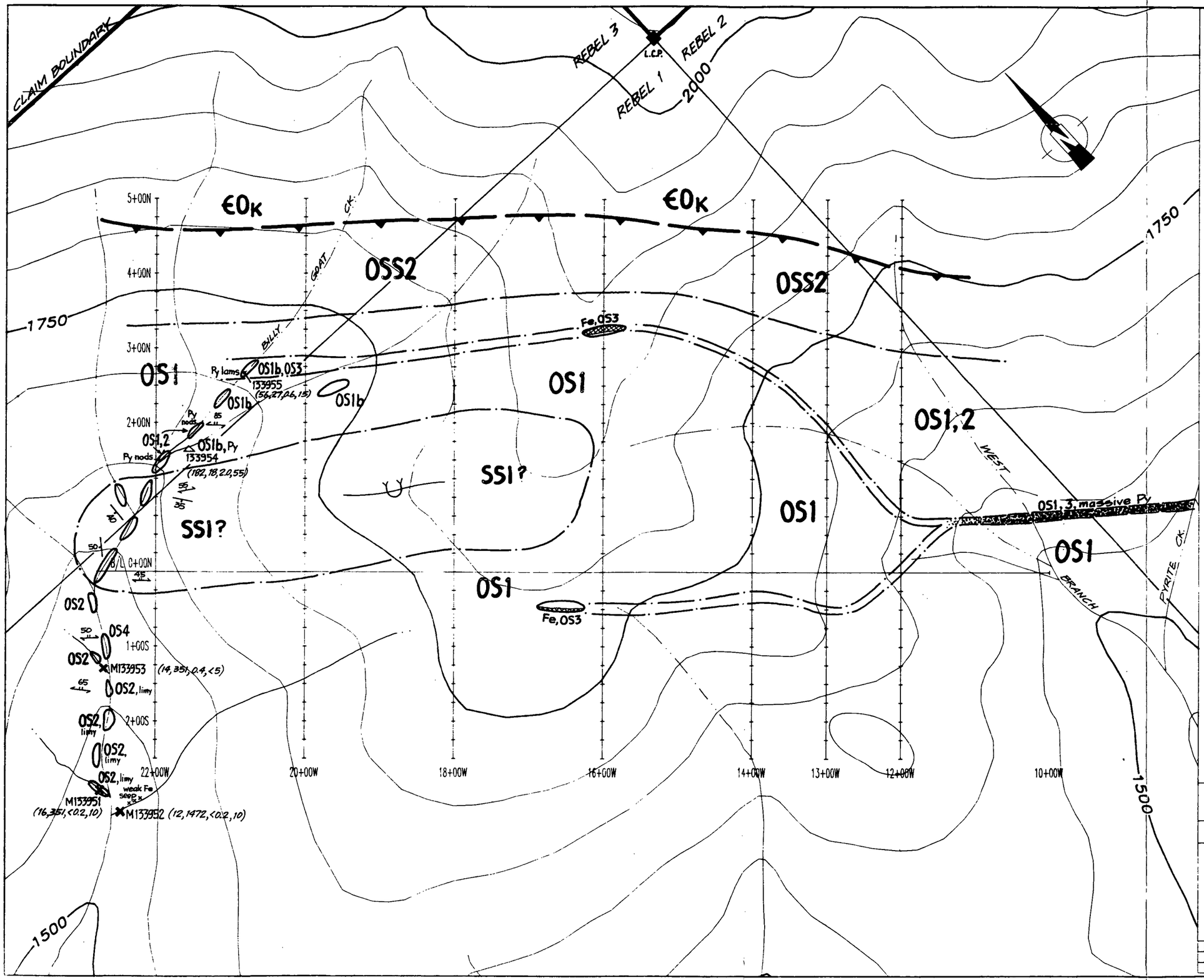
The existing soil grid was extended to the northwest in order to delineate the extent of previously obtained Pb in soil anomalies that were open in this direction. The soil samples were collected at 25m intervals on lines spaced 100m apart for the first three lines and then 200m apart. The samples were collected from the B horizon using an auger and sent to the lab in waterproof kraft bags.

b) Results and Interpretation

i) Soils: (Figures 7 - 10)

Previous work, indicated Pb in soil anomalies, (> 100 ppm but up to 0.9% Pb) to be associated with the central 1 km extent of ferricrete zones. The northwest extent of the anomaly was limited by the size of the grid. The 1994 soil survey extends the known Pb in soil anomaly by at least 600-700m to the northwest. It is suspected that the anomaly reflects underlying massive sulfide. Previous C horizon and trench sampling indicated a down hill transport of Pb in soil anomalies of generally 0-25m.

The existence of the massive sulfide horizon proximal to the L11W/0+75N pyrite showing is confirmed by the 7570 ppm Pb, 25.2 ppm Ag and 200 ppm As soil anomaly obtained at L12W/0+75N.



PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. M. PAUTLER
GEOSCIENTIST

LEGEND

ROAD RIVER GROUP

- SSI — SILURIAN SILTSTONE
- OS1 — SHALE
  - b... BLACK SHALE
  - d... DOLOMITIC BLACK SHALE
  - g... GRAPHITIC BLACK SHALE
  - s... SILICEOUS BLACK SHALE
- OS2 — BLACK SILTSTONE, DOLOMITIC BLACK SILTSTONE to SILTY BLACK DOLOMITE
- OS3 — BLACK CHERT, DOLOMITIC BLACK CHERT
- OS4 — CALCAREOUS BLACK SHALE to SILTSTONE, Fine to Medium Grained CLASTIC LIMESTONE
- OSS1 — BROWN WEATHERED, SILTY to DOLOMITIC SHALE. Intercalated with BROWN WEATHERED SILTSTONE, LOCALLY DOLOMITIC, SILICIFIED to CHERTY.
- OSS2 — BROWN WEATHERED, SILTSTONE, SANDSTONE COMMONLY DOLOMITIC INTERCALATED WITH BROWN WEATHERED SHALE LOCALLY SILICIFIED to CHERTY

KECHIKA GROUP

- €Ok — BROWN WEATHERED PHYLLITIC MUDSTONE WITH LIMESTONE NODULES

SYMBOLS

- ⬭, ▲ ... FERRICRETE; in outcrop, float
- ..... THRUST FAULT
- ..... NORMAL FAULT
- ..... BEDDING, VERTICAL, OVERTURNED
- ..... CLEAVAGE F_1, F_2
- 133954 ..... *ROCK SAMPLE LOCATION*
- *(Pb, Zn, Ag, As) values in ppm*
- M133951 ..... *MOSS MATT SAMPLE LOCATION*

0 100 200
metres

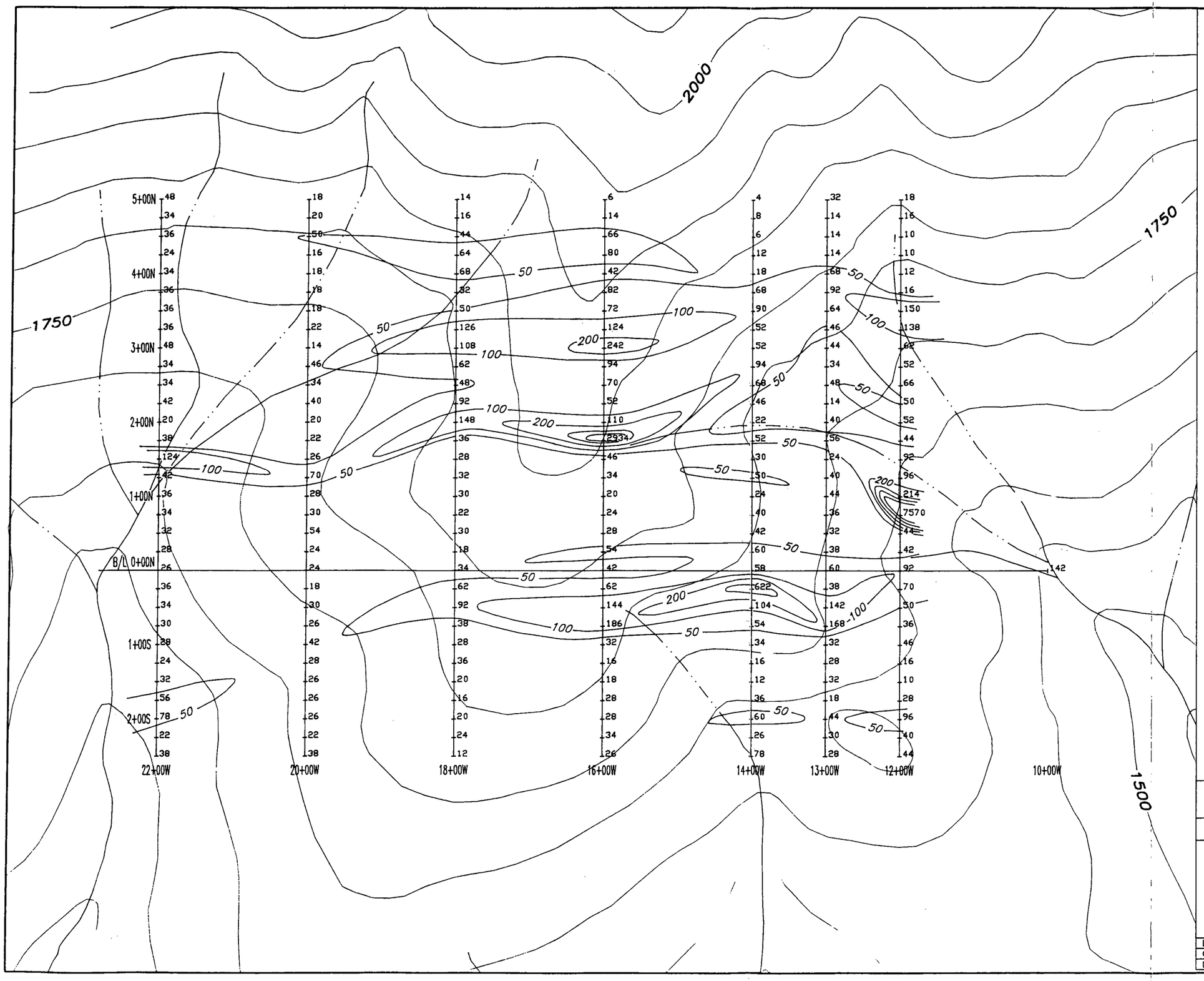
FIGURE 6

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

REBEL PROPERTY

GRID GEOLOGY

DATE DRAWN: NOV. 28, 1994	SCALE: 1:5,000
COMPILED BY: J.P.	JOB No: 1740
DRAWN BY: S.A.	NTS: 94F/1W, 94C/16W



CONTOURS AT:
1000 ppm
500 ppm
200 ppm
100 ppm
50 ppm

0 100 200
metres

FIGURE 7

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. M. PAUTLER
GEOSCIENTIST

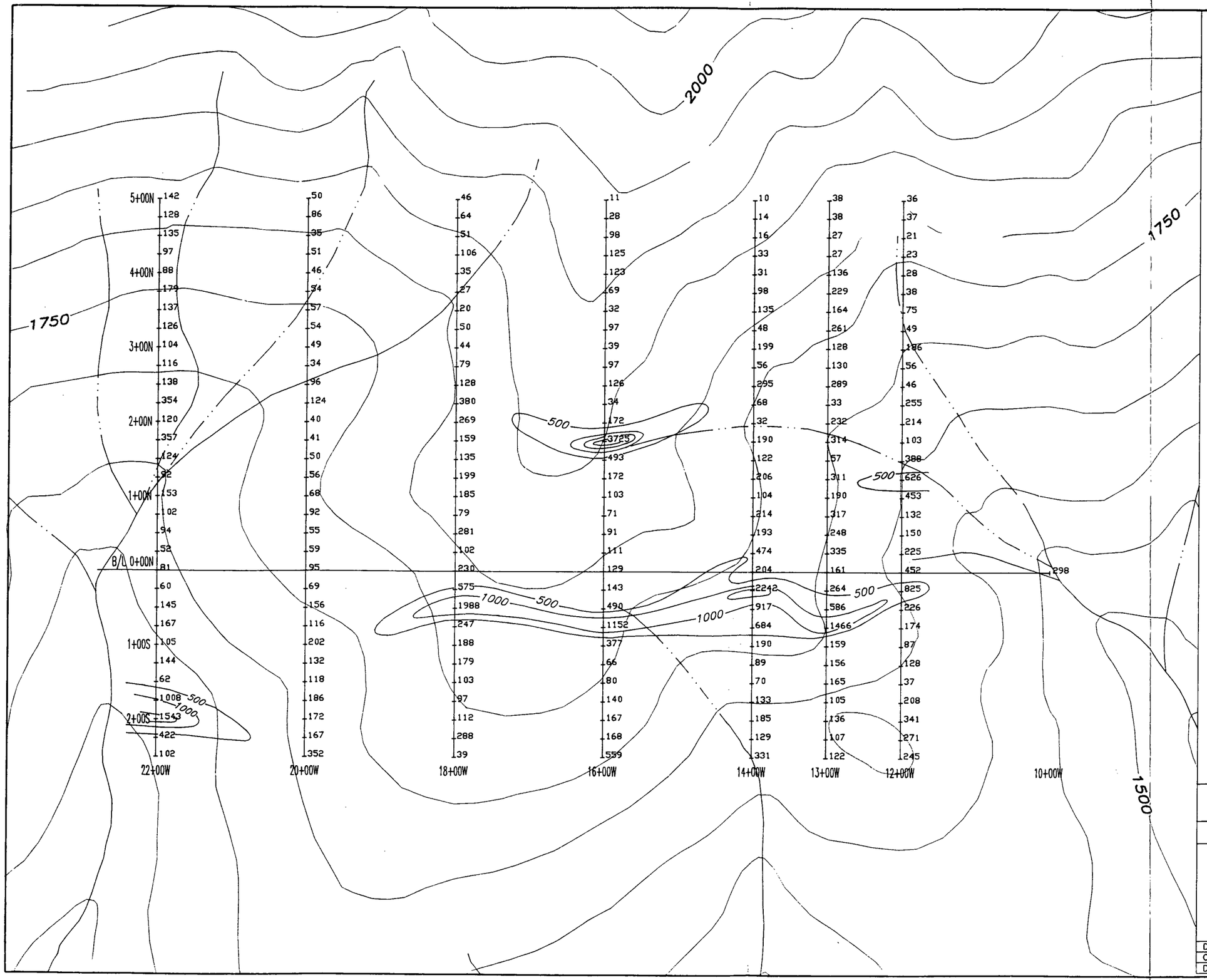
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

REBEL PROPERTY

SOIL GEOCHEMISTRY

Pb ppm

DATE DRAWN: NOV. 17, 1994	SCALE: 1:5,000	DWG. NAME: REB-PB
COMPILED BY: J.P.	JOB No: 1740	
DRAWN BY: S.A.	NTS: 94F/1W, 94C/16W	



CONTOURS AT:
3000 ppm
2000 ppm
1000 ppm
500 ppm

0 100 200
metres

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. M. PAUTLER
GEOSCIENTIST

FIGURE 8

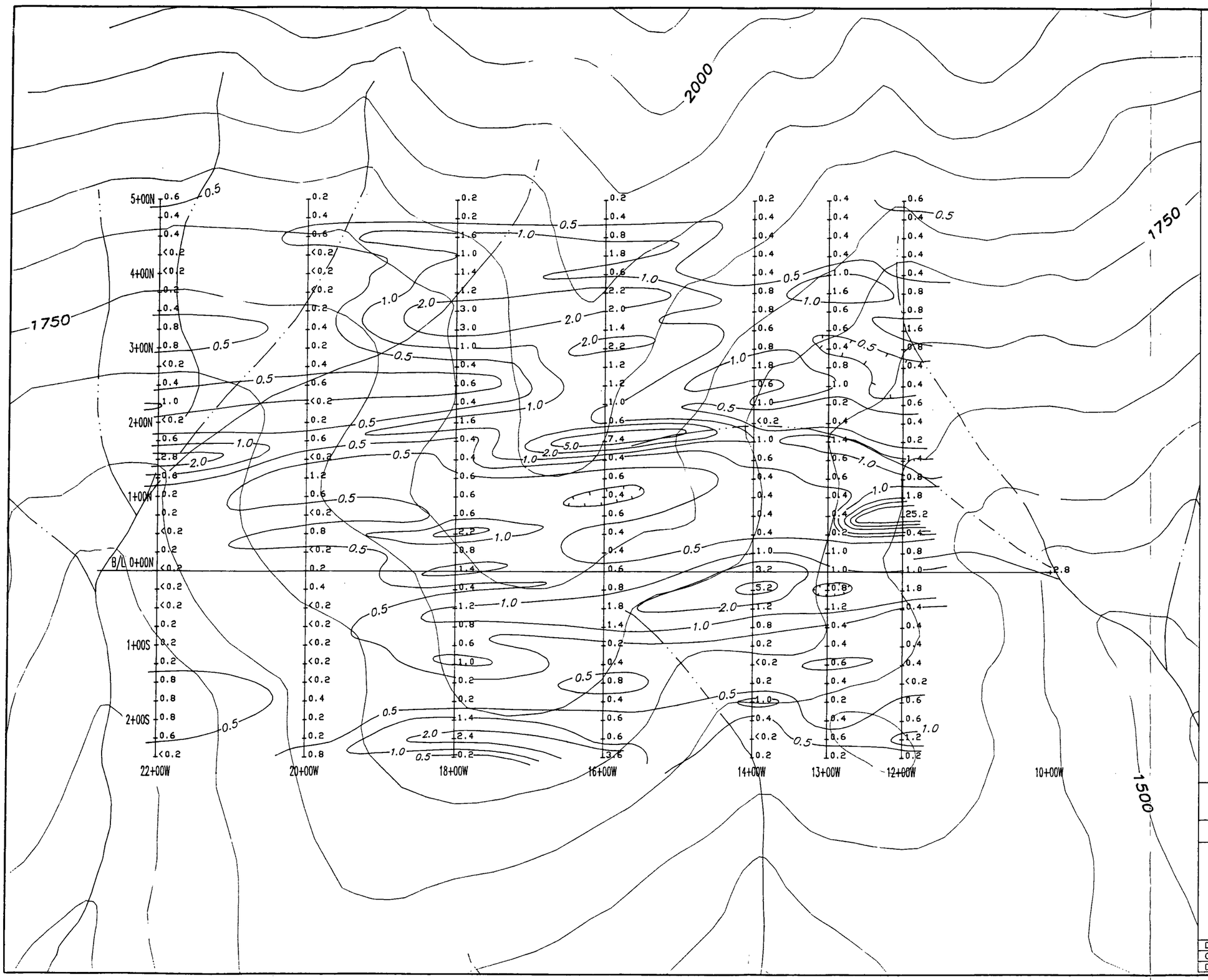
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

REBEL PROPERTY

SOIL GEOCHEMISTRY

Zn ppm

DATE DRAWN: NOV. 17, 1994	SCALE: 1:5,000	DWG. NAME: REG-ZN
COMPILED BY: J.P.	JOB No: 1740	
DRAWN BY: S.A.	NTS: 94F/1W, 94C/16W	



CONTOURS AT:
0.5 ppm
1.0 ppm
2.0 ppm
5.0 ppm
10.0 ppm

0 100 200
metres

FIGURE 9

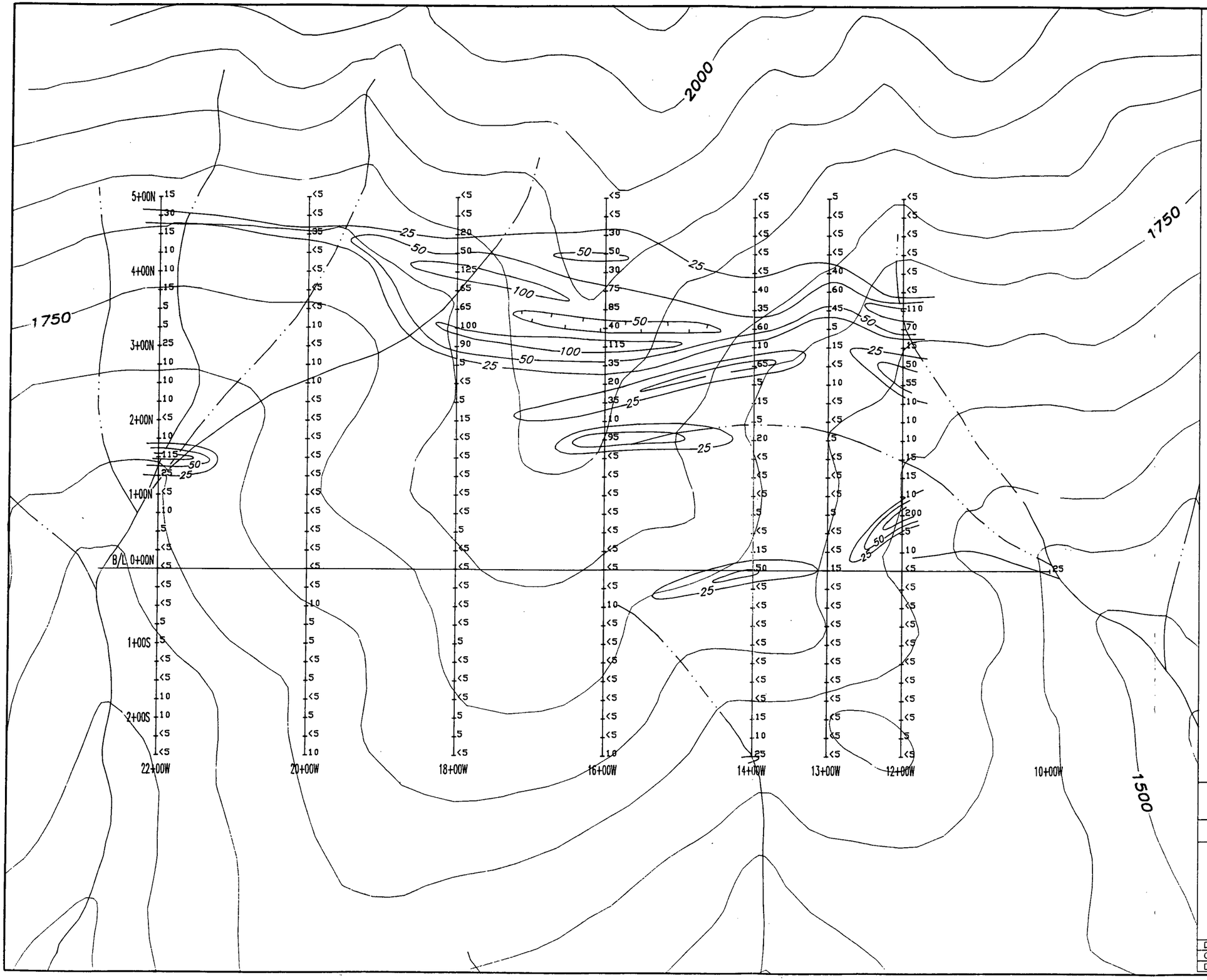
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. M. PAUTLER
GEOSCIENTIST

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

REBEL PROPERTY

SOIL GEOCHEMISTRY
Ag ppm

DATE DRAWN: NOV. 17, 1994	SCALE: 1:5,000	DWG. NAME: REB-AG
COMPILED BY: J.P.	JOB No: 1740	
DRAWN BY: S.A.	NTS: 94F/1W, 94C/16W	



CONTOURS AT: 25 ppm
50 ppm
100 ppm

0 100 200
metres

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. M. PAUTLER
GEOSCIENTIST

FIGURE 10

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

REBEL PROPERTY

SOIL GEOCHEMISTRY

As ppm

DATE DRAWN: NOV. 17, 1994	SCALE: 1:5,000	DWG. NAME: REB-AS
COMPILED BY: J.P.	JOB No: 1740	
DRAWN BY: S.A.	NTS: 94F/1W, 94C/16W	

Although the geology indicates that the massive sulfide horizon is exposed on the limbs of a syncline at L16W/0+50S and /3+25N, the Pb, Zn, Ag and As geochemistry patterns suggest their presence at L16W/0+50S and /1+75N. There is a weak anomaly at 3+25N but it appears to be related to a different source, probably the thrust. It is possible that the central anomaly reflects the down dip extent of the sulfide horizon near the axis of the syncline. It is more probable, however, that the northern ferricrete-chert horizon is a thrust repetition of the horizon and the main sulfide horizon trends through L16W/1+75N. The southern anomaly probably represents the southern limb of the syncline in either case.

The southern limb is expressed by continuous Pb values >100 ppm between L12W and L18W. Maximum values of 622 ppm Pb, 2242 ppm Zn and 5.2 ppm Ag coincide at L14W/0+25S. A >1,000 ppm Zn anomaly highlights the limb from L12W past L18W. The northern anomaly shows less continuous >100 ppm Pb values, up to 242 ppm on L16W, with no associated Zn (probably due to downhill transport), and erratic Ag and As (probably due to proximity to the thrust). The central Pb anomaly is continuous throughout the entire grid area with a high of 2934 ppm Pb on L16W, corresponding to a spot high of 3725 ppm Zn and 7.4 ppm Ag. Minor As anomalies weakly outline the southern and central zones.

A >1,000 ppm Zn anomaly associated with >50 ppm As at the southern end of L22W appears to represent a seep because of the presence of seeps in the area and the lack of associated Pb values.

ii) Trenching and ferricrete zones: (Figure 11)

A total of 13 small trenches were previously excavated on the property, primarily to uncover ferricrete zones. Several of these were sampled in 1994 to determine the origin of base metal anomalies in soil. In addition, a new trench was excavated into ferricrete.

Previous sampling from the Trench 82-6 ferricrete zone returned 1.4 ppm Ag, 865 ppm Cu, 1100 ppm Pb, 725 ppm Zn and 580 ppm As, from soil. The high Cu result from this location may indicate proximity to a vent. Detailed sampling of Trench 6 was undertaken in 1994 to determine if the Cu was associated with sulfide mineralization or quartz veins. The following results were obtained: (Values in ppm).

Sample No.	Description	Pb	Zn	Ag	As	Cu
				(values in ppm)		
133929	quartz vein	34	81	<.2	10	58
S133930	red soil	2140	2452	9.4	455	1436
S133931	grey soil	5430	1959	24.6	620	928
133932	pyrite bands	1630	967	7.6	170	969

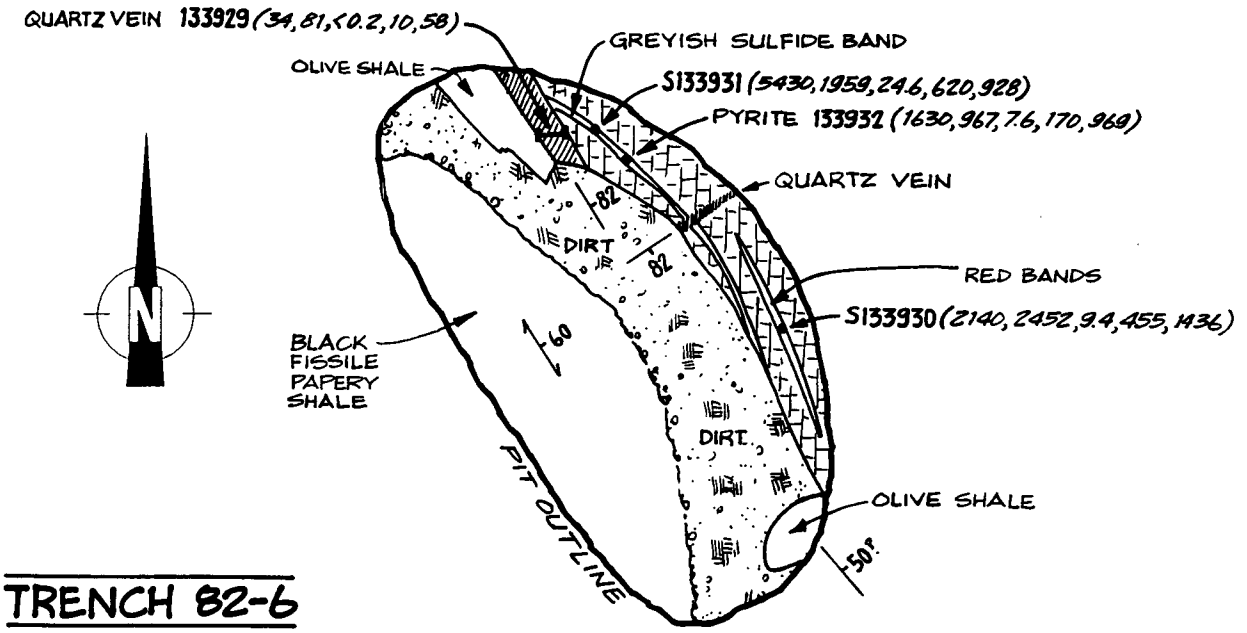
The results show that the base metal and Ag anomalies are not associated with the quartz vein. Samples 133930-32 were all collected from the ferricrete which had the appearance of being oxidized bedrock. All of the ferricrete samples were anomalous in Cu with a maximum of 1436 ppm from a red band of soil (133930). A soil from a greyish sulfide band within the ferricrete returned the highest Pb, Ag and As values (133931) with slightly lower values for the pyrite (133932). Refer to Figure 11.

Initial anomalous results from the Trench 94-14 ferricrete zone were 2696 ppm Pb, 14.0 ppm Ag with 765 ppm As. Trenching of the zone returned significantly anomalous Pb, Ag and As values and low anomalous Cu values. Results are tabulated in Figure 11. The highest values obtained are 4880 ppm Pb, 36.3 ppm Ag, 2050 ppm As, 308 ppm Cu and only 108 ppm Zn. The lower Cu values may suggest a slightly more distal environment for Trench 94-14, compared to 82-6. The best Pb value came from the most "in situ looking" ferricrete (133962).

A sample of the Trench 3 ferricrete zone returned only <2 Pb, 478 Zn, 1.8 Ag, 190 As and 79 Cu (all in ppm) (133958). A soil sample returned similar values (133959). A previous soil sample from the trench returned 270 Pb, 2628 Zn, 1.6 Ag, 115 As and 350 Cu (values in ppm). All values are lower here than in the other trenches with the exception of Zn, which may be due to seepage.

A sample of graphitic shale with rusty laminations from Trench 12 was not anomalous.

Two additional ferricrete zones that were not trenched are exposed on L16W at 0+50S and 3+25N and correspond to Pb in soil anomalies. The northern zone (133946) returned only anomalous As of 390 ppm which is probably related to the thrust fault. The



TRENCH 82-6
PLAN VIEW

1: 100

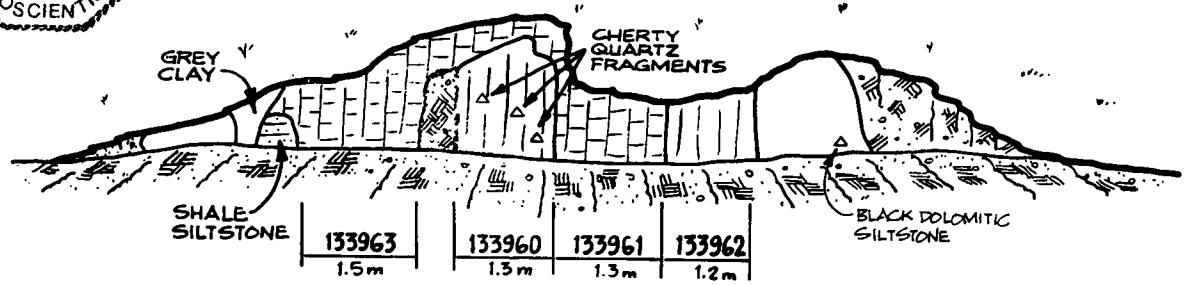
FERRICRETE, Appears to be in place, 1m+ thick

S133931 ● .....SOIL SAMPLE

133932 ● ..... ROCK SAMPLE

(Pb, Zn, Ag, As, Cu) VALUES IN PPM

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. M. PAUTLER
GEOSCIENTIST



TRENCH 94-14
VERTICAL SECTION

1:100

REMOBILIZED FERRICRETE

LAMINATED FERRICRETE

BLACK SHALE

VALUES IN P.P.M.

SAMPLE Nº	WIDTH	Pb	Zn	Ag	As	Cu
133960	1.3m	1630	85	9.8	525	271
133961	1.3m	2826	94	15.4	1155	308
133962	1.2m	4880	108	21.6	2050	205
133963	1.5m	1668	76	36.3	370	192

FIGURE 11

TECK EXPLORATION LTD.

REBEL PROPERTY

TRENCH SKETCHES

3 metres

southern zone was more interesting with 1606 ppm Pb, 1.77% Zn, 16.0 ppm Ag and 248 ppm Cu. The unusually high Zn with coincident Pb and the associated soil anomaly, that is continuous with exposed massive sulfide mineralization, makes this area an attractive target.

iii) Massive sulfide horizon:

Previously reported chip samples across the REB showing were not anomalous in base metals. However, samples of the massive sections did indicate base metals in the system. The values are tabulated below together with samples of massive to semi-massive pyrite collected along strike: (Values in ppm).

Sample No.	Description		Pb	Ag	Zn	Cu	As
11569	REB	grab	1500	9.4	185	146	140
133956	REB	grab	1044	4.0	1314	54	505
133944	West Branch	1.0m	1490	4.4	192	180	390
133943	West Branch	1.0m	1102	2.4	47	31	100
133936	West Branch	float	1504	3.4	31	204	195
133949	L11W/0+75N	grab	1448	11.0	257	139	305

No significant zonation can be deduced from the above results. The higher Zn value at the Reb is a function of the amount of sulfide exposure and a Zn "rich" specimen was selected. Zn appears to be slightly elevated towards the centre of the sulfide horizon. Ba content is below 1% in all samples.

iv) Chert:

The black chert unit, most common in the hanging wall of the massive sulfide horizon, was systematically sampled across the property. The following results were obtained: (Values in ppm).

Sample No.	Description		Pb	Ag	Zn	Cu	As
133947	L17W/BL	grab	46	2.0	298	9	5
133941	West Branch	grab	44	<.2	7	400	125
133965	above T13	1.5m	84	0.8	18	105	80
133966	above T13	1.5m	20	1.0	16	2858	210
133967	Trench 13	grab	810	14.2	102	555	240

The high Cu in 133966 is due to the presence of malachite and probably reflects seepage from the thrust fault. The only significant Pb and Ag values were from Trench 13, which was previously excavated at the base of a large ferricrete zone. Although Cu was also anomalous, the actual source is unclear.

v) Pyritic black shales:

Several samples of pyritic black shales, ± thin pyrite laminations, were sampled across the property. No significant anomalous results were obtained. One sample from Billy Goat Creek was found to contain 2% Ba (133954). This is the maximum Ba content obtained from the property.

vi) Thrust related mineralization(?):

A ferricrete zone hosted by the dolomitic siltstone adjacent to the major thrust fault (133945) was weakly anomalous in Pb (866 ppm), indicating some Pb noise from the thrust. Cu and As were also weakly anomalous, as suspected by the presence of Cu and sulfosalt minerals along the thrust.

Results from the quartz-carbonate vein with malachite, azurite, chalcopyrite, sphalerite and tetrahedrite at L6W/4N, showed 1314 ppm Zn, 252.3 ppm Ag, 1.88% Cu, 2600 ppm As, 5765 ppm Sb and 65 ppm Cd, but only 20 ppb Au (133957). A similar vein in Malachite Creek with malachite and chalcopyrite was only anomalous in Cu (1494 ppm - 133968).

vii) Silts:

The results of three Fe seep samples are tabulated below:

Sample No.	Description	Pb	Zn	Ag	As	Cu
F133933	Pyrite Creek	552	950	0.4	1735	26
F133950	West Branch	1126	173	8.8	25	29
M133952	Billy Goat	12	1472	<.2	10	26

The highest Pb value drains the Trench 14 ferricrete zone and the 0.8% Pb in soil anomaly at L12W/0+75N. The highest Zn value (0.15%) appears to be due to seepage. The Pyrite Creek seep contained anomalously high As (1735 ppm) and Sb (130 ppm), possibly due to the presence of tetrahedrite in veins proximal to the thrust.

Moss mat samples draining the area west of Billy Goat Creek were not anomalous (M133951 ,53). However, samples draining the L12W/0+75N 0.8% Pb in soil anomaly and the 11W pyrite showing contained elevated Pb (70 and 86 ppm Pb) and Zn (691 ppm) (M133937 - 8).

8. CONCLUSIONS AND RECOMMENDATIONS

The REB pyrite showing is interpreted to be a distal expression of a Zn, Pb, Ag sedex deposit. Base metal mineralization has not been found along strike due to poor rock exposure. The mineral horizon is defined, however, by the exposure of hanging wall and footwall stratigraphy, ferricrete zones and anomalous Pb soil geochemistry. The down dip extent of the REB showing has never been tested. Drilling is necessary to sample the mineralized horizon to determine vectors to ore.

It is recommended that a 1,000m helicopter diamond drill program be undertaken to test the REB massive sulfide horizon over a 1 km strike extent, and down dip.

Further detailed mapping and prospecting is necessary to determine the cause of the central Pb soil anomaly which shows the greatest continuity and best values. The unusually high Zn with coincident Pb and Ag from a small ferricrete zone at L16+50W/0+50S, which corresponds to the southern soil anomaly, also requires follow up. Further drilling in this area would be warranted if confirmation is obtained that the anomalies reflect the massive sulfide horizon.

APPENDIX I

Selected References

British Columbia Energy, Mines and Petroleum Resources Assessment Reports, on the REB: 5715, 8621, 9848, 10831.

Hrkac, C.A., 1982; Petrology and geology of the sedimentary rocks on the REB Mineral Claims, northeastern, British Columbia. Univ. of B.C. BSC thesis.

MacIntyre, D.G., 1992; Geological setting and genesis of sedimentary exhalative barite and barite-sulphide deposits, Gataga District, northeastern B.C. CIM Explor. Mining Geol. Vol. 1, No. 1, pp 1-20.

1991; Sedex - sedimentary exhalative deposits. EMPR Paper 1991-4, pp 25-70.

1983; Geology and stratiform barite-sulfide deposits of the Gataga District, northeastern B.C. MAC Short Course Handbook 8, p. 85-120.

1982; Akie River Project (94F). EMPR Paper 1982-1, pp. 142-148.

1982; Geology of the Akie River Ba-Pb-Zn mineral district. EMPR Prelim. Map 50.

1981; Akie River Project (94F). EMPR Paper 1981-1, pp. 33-47.

1981; Geology of the Akie River Ba-Pb-Zn mineral district. EMPR Prelim. Map 44.

APPENDIX II

Sample Descriptions

Rebel Property:

SAMPLE NUMBER	LOCATION COMMENT	SAMPLE DESCRIPTION
133929	Trench 6	quartz vein; 40cm; 145°/82NE
133932	Trench 6	pyritic zones in ferricrete
133934	1m	1m chip dolomitic siltstone/shale with py.+py. lams
133936	West Branch Creek	pyritic black shale, 50% py; float
133939	"	ferricrete zone at T.14
133941	"	black pyritic chert
133942	"	black pyritic shales with py. lams.
133943	" 1m	black pyritic chert with semi massive py.
133944	" 0.6m	massive py. in chert; boulder??
133945	LCP ridge L16W	ferricrete zone in dolic siltstone
133946	" "	ferricrete near chert outcrop
133947	" L17W/8L	weakly pyritic chert
133948	" "	ferricrete near chert
133949	L11W/0+75N	pyritic shale with ferricrete
133954	Billy Goat Creek	pyritic shale
133955	"	pyritic shale, pyrite lams.
133956	Reb Showing	massive pyrite with pyrobitumen or(sp?)
133957	L6W/4N	quartz-carb. vein with mal., az, sp, tetra in fault?? zone
133958	Trench 3	ferricrete
133960	Trench 14	ferricrete
133961	"	"
133962	"	"
133963	"	"
133964	Trench 12	rusty bands in graphitic shale
133965	above Trench 13	5'; rusty black chert
133966	"	5' rusty black chert, mal, azurite
133967	Trench 13	rusty chert
133968	Malachite Creek	carb-quartz vein with mal, cp.
133969	"	pyritic shale
133970	" 1.5m	rusty shale with pyrite
133971	"	quartz-carb-barite vein with cp

APPENDIX III

Geochemical Procedure and Results

ECO-TECH LABORATORIES LTD.
ASSAYING · ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

SAMPLE PREPARATION: ROCK/CORE

The samples are dryed (if wet) , crushed in two stages, blended and mechanically split to give a 250 to 300 gram subsample.

The subsample is pulverized in a " Ring and Puck" pulverizer to approximately -150 mesh (80% < -180 mesh).

The subsample is blended by rolling the sample 60 times on glazed paper.

ANALYSIS:

GOLD ANALYSIS:

Gold is analyzed by conventional fire assay, Atomic Absorption finish.

Samples showing gold content greater than one gram per tonne are automatically re-assayed to verify the first set of results and to determine if a nugget effect exists.

Samples having gold values exceeding five grams per tonne are normally assayed for "Metallics". The procedure involves taking a re-cut from the rejects and screening the new pulp to -140 mesh. The entire +140 mesh fraction is assayed separately. Two individual assays are performed on the -140 fraction and all the results are pro-rated to give the reported value.

Each set of forty samples assayed have one ore standard and one random duplicate sample included in the set.

GEOCHEMICAL ANALYSES: AU, CU, PB, ZN

We use a 0.500 gram sample which is digested in aqua regia for 2 hours at 95°C.

Elements are analyzed by atomic absorption using background correction for Ag and Pb.

Each set of forty samples will include one ore standard and one random duplicate sample. Samples giving silver values greater than 30 ppm are normally assayed. Assays for Cu, Pb, Zn are normally performed on samples having values greater than 1000 ppm.

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 absorbtion 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.

ECO-TECH LABORATORIES LTD.
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

GEOCHEMICAL LABORATORY METHODS

Multi Element ICP Analyses

Digestion: 1 gram sample is digested with 6 ml dilute aqua regia in a waterbath at 90°C for 90 minutes and diluted to 20 ml.

Analysis: Inductively coupled Plasma.

Eco·Tech LABORATORIES LTD.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops. B.C. V2C 2J3 Phone (604) 573-5700
Fax (604) 573-4557

Analytical Procedure Assessment Report

BARIUM ASSAY

Samples are catalogued and dried. Rock samples are crushed to minus 10 mesh and pulverized to -140 mesh on a ring mill pulverizer, rolled and homogenized.

A 0.2 gram of sample is fused with lithium metaborate and digested in nitric acid. The solution is analyzed using an ICAP instrument to .01% detection limit.

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

21-Sep-94

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 2J3

Phone: 604-573-5700
Fax : 604-573-4557

Values in ppm unless otherwise reported

TECK EXPLORATION ETK 686
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: J. Pautler

14 ROCK samples received September 6, 1994
PROJECT #: 1740

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	133929	10	<.2	0.04	10	30	<5	0.06	<1	3	269	58	1.94	<10	0.02	98	19	<.01	10	50	34	<5	140	6	<.01	<10	8	<10	<1	81
2	133932	-	7.6	0.13	170	250	<5	0.06	7	33	<1	969	>15	<10	<.01	540	<1	<.01	62	1190	1630	<5	<20	7	<.01	120	49	<10	<1	967
3	133934	-	<.2	0.18	20	95	5	>15	<1	3	31	13	2.27	<10	10.40	582	1	0.02	14	270	6	35	<20	204	<.01	<10	51	<10	8	12
4	133936	-	3.4	0.05	195	40	5	0.11	3	13	285	204	>15	<10	<.01	23	23	<.01	25	<10	1504	<5	20	2	<.01	30	10	<10	<1	31
5	133939	-	14.0	0.10	765	255	15	0.13	8	11	93	164	>15	<10	<.01	55	13	<.01	20	80	2696	10	<20	6	<.01	30	79	<10	<1	76
6	133941	5	<.2	0.14	125	210	<5	0.07	1	4	214	400	0.98	<10	<.01	23	13	<.01	17	260	44	<5	120	13	<.01	<10	61	<10	<1	7
7	133942	-	2.2	0.48	125	100	<5	0.82	1	2	76	21	1.61	<10	0.04	21	14	<.01	9	220	100	<5	40	29	<.01	<10	50	<10	<1	5
8	133943	-	2.4	0.14	100	35	<5	0.02	1	3	215	31	2.50	<10	<.01	21	13	<.01	9	20	1102	<5	120	7	<.01	<10	25	<10	<1	47
9	133944	-	4.4	0.07	390	35	<5	0.04	5	12	138	180	>15	<10	<.01	18	11	<.01	24	<10	1490	<5	<20	4	<.01	10	13	<10	<1	192
10	133945	-	3.6	0.06	155	445	20	5.82	4	23	7	314	>15	<10	0.20	824	<1	<.01	32	520	866	<5	<20	19	<.01	80	29	<10	<1	72
11	133946	-	0.8	0.09	395	600	10	0.03	4	4	176	32	6.20	<10	<.01	27	27	<.01	7	650	70	<5	60	23	<.01	<10	53	<10	<1	8
12	133947	5	2.0	0.02	5	120	<5	<.01	2	<1	313	9	0.72	<10	<.01	29	21	<.01	8	40	46	<5	160	<1	<.01	<10	4	<10	<1	298
13	133948	-	16.0	0.19	<5	145	25	0.08	56	15	69	248	>15	<10	<.01	152	<1	<.01	43	1930	1606	<5	<20	8	<.01	60	47	<10	<1	>10000
14	133949	-	11.0	0.04	305	40	20	0.03	5	13	135	139	>15	<10	<.01	10	8	<.01	15	<10	1448	<5	<20	<1	<.01	30	10	<10	<1	257
QC/DATA:																														
Repeat #:																														
1	133929		<.2	0.04	10	30	<5	0.06	1	3	276	59	1.99	<10	0.02	102	20	<.01	11	60	36	<5	140	5	<.01	<10	8	<10	<1	82
Standard 1991			1.2	1.83	75	170	5	1.84	1	21	66	84	4.37	<10	0.98	717	<1	0.02	28	750	22	5	<20	56	0.12	<10	81	<10	6	76

XLS/Teck3
df/3091

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

16-Sep-94

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 2J3

Phone: 604-573-5700
Fax : 604-573-4557

Values in ppm unless otherwise reported

FEED FAX THIS END

FAX

To: Teresa
Dept.:
Fax No.: 372-1235
No. of Pages: 1
From: Scotty
Date: Sept 19
Company:
Fax No.:
Comments: 687-150

Postage fax pad 7503E

TECK EXPLORATION ETK 94-687
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: J. Pautler

8 SILT & MOSS samples received September 6, 1994
PROJECT #: 1740

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn	Au
1	S133930	9.4	0.44	455	560	<5	0.07	27	64	8	1436	> 15	<10	<.01	3958	<1	< 01	203	240	2140	<5	<20	5	<.01	110	144	<10	<1	2452	
2	S133931	24.6	0.07	620	380	<5	0.04	20	44	1	928	> 15	<10	<.01	1601	7	<.01	107	780	5430	<5	<20	11	<.01	100	101	<10	<1	1959	
3	S133935	0.8	1.20	20	410	15	0.36	2	12	18	32	9.67	<10	0.20	3279	5	<.01	26	1860	74	<5	<20	10	<.01	40	63	<10	9	211	
4	S133940	14.6	0.12	110	775	5	0.30	3	9	3	170	13.90	<10	0.03	103	7	<.01	13	70	1710	90	<20	10	<.01	10	65	<10	<1	98	
5	F133933-SILT	0.4	0.15	1735	230	15	4.70	21	14	3	26	10.30	<10	1.17	2189	16	<.01	72	1880	552	130	<20	78	<.01	20	46	<10	3	950	< 5
6	M133937-SILT	0.6	0.28	25	310	<5	3.15	3	7	7	32	2.86	<10	1.35	323	4	<.01	39	1530	70	15	<20	36	<.01	<10	39	<10	9	691	< 5
7	M133938-SILT	0.6	0.26	25	765	<5	3.68	1	9	10	42	3.20	<10	1.76	453	10	<.01	49	1020	86	20	<20	89	<.01	<10	64	<10	9	195	< 5
8	F133950-SILT	8.8	0.21	25	375	<5	5.10	2	5	6	29	1.85	<10	0.85	451	4	<.01	40	1300	1126	15	<20	52	<.01	<10	22	<10	5	173	< 5
QC/DATA:																														
Repeat #:																														
1	S133930	9.4	0.42	440	555	<5	0.07	26	62	8	1401	> 15	<10	<.01	3779	<1	<.01	196	230	2110	<5	<20	5	<.01	120	139	<10	<1	2306	
Standard 1991		1.4	1.67	70	165	<5	1.85	1	19	65	84	3.96	<10	0.92	670	<1	0.02	26	700	24	5	<20	55	0.10	10	74	<10	6	75	

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/Teck3
df/3091

19-Sep-94

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 2J3

Phone: 604-573-5700
Fax : 604-573-4557

TECK EXPLORATION ETK 94-695
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: J. Pautler

3 MOSS MAT & 1 SOIL sample received September 9, 1994
PROJECT #: 1740

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	M133951	<.2	0.26	10	105	<5	4.37	8	8	6	23	2.02	<10	0.59	290	4	<.01	53	1070	16	15	<20	39	<.01	<10	18	<10	8	351
2	M133952	<.2	0.22	10	145	<5	> 15	88	4	5	26	1.06	<10	0.87	217	<1	<.01	42	970	12	20	<20	126	<.01	<10	9	<10	7	1472
3	M133953	0.4	0.15	<5	140	<5	10.40	15	6	3	23	1.52	<10	1.33	221	2	<.01	49	1340	14	20	<20	85	<.01	<10	13	<10	7	351
4	S133957	1.6	0.24	230	680	45	0.91	7	30	<1	126	> 15	<10	<.01	570	15	<.01	77	280	66	<5	<20	17	<.01	70	49	<10	<1	404

QC/DATA:

Repeat #:

		Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	M133951	<.2	0.25	10	105	<5	4.24	8	8	4	23	2.16	<10	0.57	292	4	<.01	54	1040	14	15	<20	40	<.01	<10	17	<10	8	345
Standard 1991		1.0	1.92	70	170	<5	1.86	2	21	67	80	4.45	<10	0.94	750	<1	0.02	22	690	24	20	<20	63	0.12	<10	85	<10	3	76

FEED FAX THIS END

FAX

To:
Dept.: Teck
Fax No.:
No. of Pages:
From: Sandy
Date: Sept 20
Company:
Fax No.:
Comments:

Post-it fax pad 7903E

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/Teck
df/3094

21-Sep-94

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 2J3

Phone: 604-573-5700
Fax : 604-573-4557

Values in ppm unless otherwise reported

TECK EXPLORATION ETK 704
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: J. Pautler

17 ROCK samples received September 9, 1994
PROJECT #: 1740

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	133954	-	2.0	0.27	55	25	<5	0.22	<1	4	188	84	3.18	<10	0.05	38	24	<.01	21	220	182	<5	<20	14	<.01	<10	10	<10	<1	18
2	133955	-	0.6	0.32	15	40	<5	0.35	<1	4	33	24	2.48	<10	0.11	24	25	<.01	35	870	56	<5	<20	7	<.01	10	21	<10	2	27
3	133956	-	4.0	0.06	505	40	20	0.10	6	9	107	54	> 15	<10	<.01	23	8	<.01	12	<10	1044	<5	<20	2	<.01	30	9	<10	<1	65
4	133957	20	>30	0.02	2600	90	<5	4.98	65	2	188	>10000	1.15	<10	0.93	503	10	<.01	7	1090	30	5765	<20	85	<.01	<10	6	<10	2	1314
5	133958	-	1.8	0.12	190	705	75	0.37	9	29	<1	79	> 15	<10	<.01	326	<1	<.01	49	<10	<2	<5	<20	18	<.01	140	21	<10	<1	478
6	133960	-	9.8	0.11	525	510	20	0.12	7	13	21	271	> 15	<10	<.01	34	3	<.01	27	<10	1630	20	<20	7	<.01	60	89	<10	<1	85
7	133961	-	15.4	0.12	1155	525	15	0.15	14	15	42	308	> 15	<10	<.01	52	4	<.01	29	20	2826	20	<20	9	<.01	70	118	<10	<1	94
8	133962	-	21.6	0.10	2050	370	15	0.15	22	13	55	205	> 15	<10	<.01	53	23	<.01	19	60	4880	65	<20	6	0.02	50	100	<10	<1	108
9	133963	-	>30	0.40	370	425	10	0.16	6	13	66	192	> 15	<10	0.03	73	16	<.01	38	380	1668	15	<20	12	<.01	30	202	<10	<1	76
10	133964	-	1.6	0.37	5	415	5	0.90	1	8	116	28	6.19	<10	0.39	1112	15	<.01	41	450	52	<5	<20	15	<.01	20	117	<10	26	92
11	133965	5	0.8	0.12	80	180	<5	0.17	<1	4	141	105	1.38	<10	0.02	107	11	<.01	19	740	84	<5	<20	8	<.01	<10	24	<10	8	18
12	133966	5	1.0	0.13	210	210	<5	0.15	2	4	127	2858	1.43	<10	0.04	104	14	<.01	25	580	20	<5	<20	16	<.01	<10	26	<10	4	16
13	133967	-	14.2	0.10	240	750	<5	0.02	3	11	190	555	6.94	<10	<.01	150	12	<.01	19	20	810	<5	<20	10	<.01	20	20	<10	<1	102
14	133968	5	1.2	0.03	<5	85	<5	> 15	<1	2	41	1494	3.06	<10	9.78	1500	2	0.02	<1	70	20	35	<20	218	<.01	<10	15	<10	<1	15
15	133969	-	0.8	0.18	110	235	<5	1.06	1	8	91	181	2.25	<10	0.40	219	17	<.01	38	760	58	10	<20	16	<.01	10	38	<10	3	65
16	133970	-	0.8	0.22	30	25	<5	0.20	<1	8	73	104	5.93	<10	0.02	49	26	<.01	72	380	32	<5	<20	3	<.01	10	54	<10	<1	16
17	133971	5	0.6	0.05	<5	135	5	> 15	<1	2	10	14	4.23	<10	11.90	2825	<1	0.02	<1	<10	18	45	<20	458	<.01	<10	11	<10	<1	14
QC/DATA:																														
Repeat #:																														
1	133954		2.0	0.26	50	30	<5	0.23	<1	3	179	78	3.02	<10	0.06	38	22	<.01	20	210	168	<5	<20	16	<.01	10	9	<10	<1	16
Standard 1991			1.4	1.69	80	170	<5	1.74	1	19	36	82	4.00	<10	0.96	683	<1	0.02	24	660	20	5	<20	56	0.09	<10	74	<10	4	82

XLS/Teck
df/688b

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

Eco-Tech
LABORATORIES LTD.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ASSAY ETK 94-686

23-Sep-94

TECK EXPLORATION
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION:Jean Pautler

14 ROCK samples received September 6, 1994
PROJECT NO#: 1740

Et #.	Tag #	Ba %	Zn %
2	133932	0.25	
3	133934	0.04	
8	133943	0.56	
9	133944	0.30	
11	133946	0.46	
12	133947	0.02	
13	133948		1.77
14	133949	0.06	

FEED FAX THIS END

FAX
To: Jean
Dept.: Teck
Fax No.:
No. of Pages: 1
From: Sandy
Date: Sept 23
Company:
Fax No.:
Comments: 686-Ba
2 + Zn
Post-it™ fax pad 7903E

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/Teck3

Eco-Tech LABORATORIES LTD.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ASSAY ETK 94-704

TECK EXPLORATION LTD.
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

23-Sep-94

ATTENTION: J. Pautler

17 ROCK samples received September 9, 1994
Project: 1740

ET #.	Tag #	Ag (g/t)	Ag (o/zt)	Ba %	Cu %
1	133954			1.96	
2	133955			0.36	
3	133956			0.35	
4	133957	252.3	7.36		1.88
5	133958			0.08	
6	133960			0.36	
7	133961			0.15	
8	133962			0.12	
9	133963	36.3	1.06	0.53	
10	133964			0.12	
11	133965			0.11	
12	133966			0.17	
13	133967			0.23	
15	133969			0.20	
16	133970			0.15	

FEED FAX THIS END

FAX

To: Jean
Dept.: Teck
Fax No.: 372-1285
No. of Pages: 1
From: Cindy
Date: Sept 23.
Company:
Fax No.:
Comments: Teck Assays

Post-it Fax pad 7903E

XLS/Teck3

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ANALYSIS ETK 94-687

12-Sep-94

TECK EXPLORATION
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION:J. Pautler

8 SILT & MOSS samples received September 6, 1994
PROJECT NO.: 1740

Et #.	Tag #	Au ppb
5	F133933-SILT	<5
6	M133937-SILT	<5
7	M133938-SILT	<5
8	F133950-SILT	<5

FEED FAX THIS END

FAX

To: Jean
Dept.: Teck
Fax No.: 372-1285
No. of Pages: 1
From: Sandy
Date: Sept 14
Company:
Fax No.:
Comments: 687 Au

Post-it fax pad 7903E

XLS/Teck3

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

Eco-Tech
LABORATORIES LTD.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ANALYSIS ETK 94-695

15-Sep-94

TECK EXPLORATION
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION:J. Pautler

3 moss mat samples received September 9, 1994
PROJECT NO.: 1740

Et #.	Tag #	Au ppb
1	M133951	<5
2	M133952	<5
3	M133953	<5

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/Teck3

Eco-Tech LABORATORIES LTD.

ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ANALYSIS ETK 704

20-Sep-94

TECK EXPLORATION
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION:J. Pautler

17 ROCK samples received September 9, 1994
PROJECT NO.: 1740

Et #.	Tag #	Au (ppb)
4	133957	20
11	133965	5
12	133966	5
14	133968	5
17	133971	5

These are preliminary results and are subject to change

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/Teck3

22-Sep-94

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 2J3

Phone: 604-573-5700
Fax : 604-573-4557

Values in ppm unless otherwise reported

TECK EXPLORATION ETK 94-696
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: J. Pautler

218 SOIL samples received September 9, 1994
PROJECT NO.: 1740

Et #	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	L-10+00W:0+00	2.8	0.5	25	880	10	1.01	2	9	10	47	3.89	10	0.47	286	4	<.01	34	750	142	5	<20	11	<.01	<10	49	<10	11	298
2	L-12+00W:2+50S	0.2	1.0	<5	190	5	0.12	1	5	11	5	2.58	10	0.12	596	3	<.01	14	850	44	<5	<20	6	<.01	<10	72	<10	3	245
3	L-12+00W:2+25S	1.2	1.1	5	220	5	0.28	3	10	16	13	3.38	20	0.25	1029	4	<.01	34	1340	40	<5	<20	9	<.01	<10	47	<10	18	271
4	L-12+00W:2+00S	0.6	0.7	<5	115	10	0.13	2	14	11	17	4.15	<10	0.08	975	6	<.01	38	1670	96	<5	<20	5	<.01	10	42	<10	4	341
5	L-12+00W:1+75S	0.6	0.5	<5	85	<5	0.41	1	8	5	11	2.36	10	0.13	226	5	<.01	28	990	28	5	<20	5	<.01	<10	61	<10	10	208
6	L-12+00W:1+50S	<.2	0.4	<5	55	<5	0.04	<1	2	<1	1	0.67	10	0.02	19	<1	<.01	3	340	10	<5	<20	2	<.01	<10	11	<10	1	37
7	L-12+00W:1+25S	0.4	0.4	<5	115	<5	0.34	<1	7	<1	14	1.89	<10	0.09	202	<1	<.01	19	430	16	<5	<20	6	<.01	<10	12	<10	7	128
8	L-12+00W:1+00S	0.4	0.4	<5	60	5	0.08	<1	10	3	20	3.46	<10	0.02	231	2	<.01	28	600	46	<5	<20	3	<.01	<10	10	<10	3	87
9	L-12+00W:0+75S	0.4	0.5	<5	95	5	0.14	<1	7	7	10	2.75	<10	0.10	319	5	<.01	24	1440	36	<5	<20	6	<.01	<10	37	<10	1	174
10	L-12+00W:0+50S	0.4	0.6	<5	95	<5	0.18	<1	5	5	8	2.25	<10	0.09	182	4	<.01	19	1280	50	<5	<20	7	<.01	<10	42	<10	2	226
11	L-12+00W:0+25S	1.8	0.5	<5	95	<5	4.34	6	8	6	19	3.32	10	2.17	681	3	<.01	32	1620	70	25	<20	35	<.01	<10	42	<10	18	825
12	L-12+00W:0+00	1	0.3	<5	300	<5	0.46	3	9	8	31	3.81	<10	0.11	464	15	<.01	46	1340	92	<5	<20	15	<.01	<10	93	<10	8	452
13	L-12+00W:0+25N	0.8	0.4	10	230	<5	0.10	1	9	7	41	3.16	<10	0.06	117	10	<.01	50	990	42	<5	<20	8	<.01	<10	73	<10	2	225
14	L-12+00W:0+50N	0.4	0.5	5	215	<5	0.21	<1	8	5	19	2.85	<10	0.10	273	4	<.01	25	1010	44	<5	<20	6	<.01	<10	39	<10	4	150
15	L-12+00W:0+75N	25.2	0.3	200	300	10	0.04	5	9	4	115	8.28	<10	<.01	166	7	<.01	20	1000	7570	105	<20	5	<.01	20	53	<10	<1	132
16	L-12+00W:1+00N	1.8	0.4	10	835	<5	4.10	1	10	8	32	3.80	<10	1.81	449	5	<.01	60	2030	214	25	<20	56	<.01	<10	55	<10	12	453
17	L-12+00W:1+25N	0.8	0.7	15	690	5	0.39	3	10	9	31	4.21	10	0.11	214	7	<.01	42	2100	96	<5	<20	14	<.01	<10	68	<10	6	626
18	L-12+00W:1+50N	1.4	0.5	15	410	5	0.83	2	12	9	53	4.66	10	0.34	603	24	<.01	81	1080	92	<5	<20	22	<.01	<10	76	<10	14	388
19	L-12+00W:1+75N	0.2	0.3	10	215	5	0.06	<1	8	6	21	3.16	10	0.03	161	9	<.01	36	1040	44	<5	<20	6	<.01	<10	57	<10	<1	103
20	L-12+00W:2+00N	0.4	0.6	10	220	<5	0.12	<1	8	8	20	3.96	<10	0.11	263	8	<.01	31	1780	52	<5	<20	5	<.01	10	54	<10	<1	214
21	L-12+00W:2+25N	0.6	0.6	10	260	10	0.10	1	9	8	23	3.58	10	0.11	227	6	<.01	36	1170	50	<5	<20	4	<.01	<10	46	<10	4	255
22	L-12+00W:2+50N	0.4	0.2	55	80	5	0.02	1	11	5	39	4.68	<10	<.01	366	20	<.01	46	650	66	<5	<20	1	<.01	<10	32	<10	<1	46
23	L-12+00W:2+75N	0.4	0.4	50	335	<5	0.02	1	9	5	89	4.40	10	0.03	266	14	<.01	30	660	52	<5	<20	<1	<.01	<10	33	<10	<1	56
24	L-12+00W:3+00N	0.8	0.6	15	385	5	0.18	<1	8	8	28	3.95	<10	0.09	170	7	<.01	37	1600	62	<5	<20	7	<.01	<10	44	<10	3	186
25	L-12+00W:3+25N	1.6	0.4	70	835	10	3.66	2	16	7	97	7.57	10	1.89	1549	17	<.01	64	640	138	15	<20	58	<.01	20	41	<10	20	49

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
26	L-12+00W:3+50N	0.8	0.4	110	1020	5	0.33	3	18	7	111	9.29	<10	0.07	1559	20	<.01	51	1060	150	5	<20	8	<.01	20	63	<10	3	75
27	L-12+00W:3+75N	0.8	0.3	<5	135	<5	2.04	<1	13	1	13	2.52	<10	0.42	963	2	<.01	15	1730	16	5	<20	28	<.01	<10	6	<10	12	38
28	L-12+00W:4+00N	0.4	0.2	<5	95	<5	4.04	<1	12	<1	9	2.04	<10	0.62	851	<1	<.01	14	1570	12	10	<20	54	<.01	<10	4	<10	9	28
29	L-12+00W:4+25N	0.4	0.2	<5	90	5	6.85	<1	13	<1	9	2.02	<10	0.94	810	<1	<.01	14	1480	10	15	<20	86	<.01	<10	3	<10	7	23
30	L-12+00W:4+50N	0.4	0.2	<5	80	<5	7.26	<1	13	<1	9	1.94	10	1.03	709	1	<.01	16	1790	10	15	<20	93	<.01	<10	3	<10	8	21
31	L-12+00W:4+75N	0.4	0.5	<5	160	<5	1.98	<1	11	3	8	2.29	<10	0.37	605	1	<.01	13	1360	16	<5	<20	30	<.01	<10	5	<10	12	37
32	L-12+00W:5+00N	0.6	0.6	<5	225	<5	1.39	<1	11	3	7	2.41	<10	0.37	636	1	<.01	13	1360	18	<5	<20	23	<.01	<10	5	<10	12	36
33	L-13+00W:2+50S	0.2	0.7	<5	75	10	0.12	<1	8	7	17	3.22	10	0.20	183	4	<.01	29	990	28	<5	<20	6	<.01	<10	26	<10	2	122
34	L-13+00W:2+25S	0.6	1.3	<5	85	10	0.07	<1	6	13	7	2.86	10	0.26	131	2	<.01	14	630	30	<5	<20	7	<.01	<10	35	<10	1	107
35	L-13+00W:2+00S	0.4	0.5	<5	80	<5	0.18	<1	6	6	13	2.36	10	0.11	108	4	<.01	25	1770	44	5	<20	7	<.01	<10	31	<10	2	136
36	L-13+00W:1+75S	0.2	0.2	<5	80	<5	0.10	<1	6	<1	12	1.81	10	0.02	100	1	<.01	18	510	18	<5	<20	4	<.01	<10	11	<10	1	105
37	L-13+00W:1+50S	0.4	0.5	<5	100	<5	0.13	<1	9	5	21	2.58	10	0.08	239	3	<.01	29	730	32	<5	<20	4	<.01	<10	22	<10	6	165
38	L-13+00W:1+25S	0.6	0.8	<5	80	5	0.24	<1	6	8	7	2.71	<10	0.19	164	3	<.01	18	1110	28	<5	<20	7	<.01	<10	32	<10	1	156
39	L-13+00W:1+00S	0.4	0.4	<5	70	5	0.04	<1	7	5	4	2.71	<10	0.04	227	5	<.01	15	580	32	<5	<20	2	<.01	<10	33	<10	<1	159
40	L-13+00W:0+75S	0.4	0.7	<5	110	15	0.57	1	10	14	27	6.32	<10	0.06	481	4	<.01	54	4320	168	<5	<20	17	<.01	<10	52	<10	7	1466
41	L-13+00W:0+50S	1.2	0.7	<5	130	10	0.44	3	10	9	16	4.57	10	0.13	802	4	<.01	38	2470	142	5	<20	9	<.01	10	46	<10	10	586
42	L-13+00W:0+25S	0.8	0.5	<5	100	<5	0.31	1	10	5	22	2.85	10	0.12	315	4	<.01	40	1640	38	<5	<20	11	<.01	<10	28	<10	7	264
43	L-13+00W:0+00	1	0.4	15	280	10	0.06	<1	6	9	18	2.83	10	0.02	86	8	<.01	22	1390	60	<5	<20	15	<.01	<10	98	<10	<1	161
44	L-13+00W:0+25N	1	0.4	<5	200	5	0.13	2	11	6	24	3.09	10	0.03	376	4	<.01	43	980	38	<5	<20	5	<.01	<10	40	<10	8	335
45	L-13+00W:0+50N	0.2	0.3	<5	110	5	0.10	<1	7	4	19	2.54	<10	0.02	94	4	<.01	29	1270	32	<5	<20	4	<.01	<10	40	<10	2	248
46	L-13+00W:0+75N	0.4	0.5	5	210	5	0.14	1	8	6	21	3.03	10	0.07	151	4	<.01	30	1010	36	<5	<20	4	<.01	<10	38	<10	5	317
47	L-13+00W:1+00N	0.4	0.3	<5	460	10	0.01	<1	10	4	18	4.13	<10	<.01	233	8	<.01	38	700	44	<5	<20	4	<.01	10	35	<10	2	190
48	L-13+00W:1+25N	0.6	0.6	<5	210	<5	0.16	1	10	8	19	3.33	10	0.13	307	5	<.01	34	1740	40	<5	<20	6	<.01	<10	46	<10	3	311
49	L-13+00W:1+50N	0.6	0.4	<5	210	<5	0.03	<1	2	4	2	1.19	10	0.07	145	3	<.01	4	850	24	<5	<20	3	<.01	<10	24	<10	<1	57
50	L-13+00W:1+75N	1.4	0.7	5	495	5	0.24	1	11	12	29	3.77	10	0.16	330	7	<.01	46	1480	56	<5	<20	17	<.01	<10	52	<10	10	314
51	L-13+00W:2+00N	0.4	0.6	<5	310	<5	0.50	<1	8	7	19	3.24	<10	0.11	207	5	<.01	33	1250	40	<5	<20	15	<.01	<10	46	<10	3	232
52	L-13+00W:2+25N	0.2	0.4	<5	155	<5	0.53	<1	9	1	8	2.28	20	0.12	598	<1	<.01	10	1310	14	<5	<20	13	<.01	<10	6	<10	9	33
53	L-13+00W:2+50N	1	0.7	10	450	10	0.35	2	11	10	29	3.28	10	0.19	535	6	<.01	40	1350	48	5	<20	12	<.01	<10	46	<10	8	289
54	L-13+00W:2+75N	0.8	0.6	<5	645	5	0.14	<1	7	8	15	3.07	<10	0.15	305	5	<.01	24	1090	34	<5	<20	6	<.01	10	37	<10	<1	130
55	L-13+00W:3+00N	0.4	0.6	15	255	<5	0.05	<1	9	7	52	3.91	<10	0.09	264	11	<.01	34	760	44	<5	<20	5	<.01	<10	40	<10	<1	128
56	L-13+00W:3+25N	0.6	0.8	5	355	5	0.36	<1	10	11	22	3.80	<10	0.20	389	7	<.01	42	2130	46	<5	<20	11	<.01	<10	55	<10	6	261
57	L-13+00W:3+50N	0.6	0.6	45	625	10	0.17	2	14	10	35	5.55	<10	0.07	1750	15	<.01	46	1710	64	<5	<20	6	<.01	10	58	<10	5	164
58	L-13+00W:3+75N	1.6	0.9	60	1625	20	0.32	4	21	18	50	12.50	<10	0.05	5273	12	<.01	51	2050	92	<5	<20	13	<.01	50	82	<10	7	229
59	L-13+00W:4+00N	1	0.7	40	2615	10	0.08	2	18	11	46	7.51	20	0.02	1592	10	<.01	46	1430	68	<5	<20	5	<.01	<10	46	<10	14	136
60	L-13+00W:4+25N	0.4	0.2	<5	220	<5	1.19	<1	12	1	9	2.66	10	0.09	786	1	<.01	10	1580	14	<5	<20	23	<.01	<10	5	<10	11	27

Et #	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
61	L-13+00W:4+50N	0.4	0.3	<5	185	5	0.63	<1	8	1	6	2.35	<10	0.04	404	1	<.01	6	1280	14	<5	<20	14	<.01	<10	5	<10	8	27
62	L-13+00W:4+75N	0.4	0.5	<5	235	5	0.45	<1	8	3	3	3.04	10	0.10	988	<1	<.01	8	1360	14	<5	<20	9	<.01	<10	6	<10	8	38
63	L-13+00W:5+00N	0.4	0.8	5	310	10	0.29	<1	10	4	10	3.23	10	0.08	513	3	<.01	13	1100	32	<5	<20	5	<.01	<10	13	<10	4	38
64	L-14+00W:2+50S	0.2	0.3	25	90	<5	0.17	1	7	6	19	2.62	10	0.03	137	8	<.01	41	1290	78	10	<20	6	<.01	<10	48	<10	3	331
65	L-14+00W:2+25S	<.2	0.2	10	50	<5	0.02	<1	4	3	11	1.58	10	<.01	42	5	<.01	24	410	26	<5	<20	<1	<.01	<10	34	<10	<1	129
66	L-14+00W:2+00S	0.4	0.6	15	90	5	0.15	2	10	10	16	3.17	<10	0.03	263	6	<.01	37	1720	60	<5	<20	5	<.01	<10	45	<10	3	185
67	L-14+00W:1+75S	1	0.5	<5	70	5	0.04	<1	10	4	27	4.87	20	<.01	226	2	<.01	25	840	36	<5	<20	3	<.01	<10	15	<10	1	133
68	L-14+00W:1+50S	0.2	0.3	<5	50	<5	0.09	<1	4	<1	8	1.32	10	0.03	43	1	<.01	12	250	12	<5	<20	<1	<.01	<10	18	<10	1	70
69	L-14+00W:1+25S	<.2	0.2	<5	45	5	0.03	<1	6	3	13	2.16	<10	0.01	65	3	<.01	23	390	16	<5	<20	<1	<.01	<10	28	<10	1	89
70	L-14+00W:1+00S	0.2	0.4	<5	70	5	0.14	<1	10	6	10	3.60	<10	0.04	285	12	<.01	34	1670	34	<5	<20	2	<.01	<10	62	<10	5	190
71	L-14+00W:0+75S	0.8	0.8	<5	210	10	0.72	2	14	18	32	4.89	20	0.11	535	4	<.01	65	5160	54	<5	<20	16	<.01	<10	92	<10	20	684
72	L-14+00W:0+50S	1.2	0.8	<5	1265	10	0.38	4	12	13	32	5.73	<10	0.13	1970	4	<.01	36	1150	104	<5	<20	7	<.01	20	86	<10	11	917
73	L-14+00W:0+25S	5.2	1.1	<5	310	20	2.93	14	20	21	141	> 15	<10	1.47	2789	9	<.01	106	1610	622	<5	<20	22	<.01	60	261	<10	35	2242
74	L-14+00W:0+00	3.2	0.7	50	520	10	4.59	3	14	28	48	6.70	<10	2.21	1187	3	<.01	51	1030	58	20	<20	19	<.01	<10	106	<10	20	204
75	L-14+00W:0+25N	1	0.5	15	305	<5	0.28	2	10	8	39	3.61	10	0.10	533	5	<.01	38	1380	60	<5	<20	7	<.01	<10	51	<10	7	474
76	L-14+00W:0+50N	0.4	0.4	<5	245	<5	0.04	<1	9	5	112	3.90	10	0.02	149	3	<.01	36	830	42	<5	<20	7	<.01	10	38	<10	1	193
77	L-14+00W:0+75N	0.4	0.4	5	170	10	0.05	<1	5	6	20	2.51	<10	0.06	76	4	<.01	16	1020	40	<5	<20	3	<.01	<10	47	<10	<1	214
78	L-14+00W:1+00N	0.4	0.3	<5	120	<5	0.01	<1	7	3	18	2.76	<10	0.01	68	5	<.01	25	660	24	<5	<20	3	<.01	<10	41	<10	<1	104
79	L-14+00W:1+25N	0.4	0.5	<5	265	10	0.22	<1	10	7	27	3.65	<10	0.04	257	6	<.01	40	1880	50	<5	<20	10	<.01	<10	51	<10	4	206
80	L-14+00W:1+50N	0.6	0.4	<5	290	<5	0.13	<1	7	4	23	2.76	<10	0.01	170	4	<.01	27	1650	30	<5	<20	5	<.01	<10	27	<10	3	122
81	L-14+00W:1+75N	1	0.5	20	560	<5	0.31	1	10	10	33	3.34	10	0.12	684	11	<.01	51	1490	52	<5	<20	13	<.01	<10	69	<10	10	190
82	L-14+00W:2+00N	<.2	0.3	5	115	<5	0.05	<1	5	5	19	1.46	<10	0.02	53	11	<.01	30	600	22	<5	<20	2	<.01	<10	63	<10	2	32
83	L-14+00W:2+25N	1	0.3	15	165	5	0.07	<1	15	9	52	4.41	<10	0.06	227	32	<.01	99	1010	46	<5	<20	3	<.01	<10	107	<10	2	68
84	L-14+00W:2+50N	0.6	0.7	5	1330	5	0.17	<1	10	10	23	3.80	10	0.04	615	8	<.01	41	1490	68	<5	<20	6	<.01	<10	58	<10	11	295
85	L-14+00W:2+75N	1.8	0.3	65	855	10	0.96	2	21	17	52	6.73	<10	0.20	1113	12	<.01	81	1550	94	5	<20	27	<.01	20	31	<10	9	56
86	L-14+00W:3+00N	0.8	0.7	10	675	5	0.31	1	12	14	20	3.85	10	0.18	751	8	<.01	43	1460	52	<5	<20	11	<.01	<10	69	<10	18	199
87	L-14+00W:3+25N	0.6	0.3	60	175	<5	0.03	1	13	7	60	5.49	<10	<.01	613	18	<.01	51	910	52	<5	<20	2	<.01	<10	37	<10	<1	48
88	L-14+00W:3+50N	0.8	0.7	35	795	10	0.20	1	13	10	49	5.91	<10	0.06	671	12	<.01	44	1100	90	<5	<20	9	<.01	20	49	<10	2	135
89	L-14+00W:3+75N	0.8	0.7	40	1065	5	0.27	1	16	10	43	6.96	<10	0.05	1513	11	<.01	42	1260	68	<5	<20	10	<.01	10	43	<10	6	98
90	L-14+00W:4+00N	0.4	0.4	<5	305	<5	0.52	<1	11	2	10	2.75	20	0.10	669	1	<.01	13	1280	18	<5	<20	12	<.01	<10	7	<10	13	31
91	L-14+00W:4+25N	0.4	0.3	<5	125	5	1.10	<1	9	1	5	2.31	<10	0.14	534	<1	<.01	9	1400	12	<5	<20	18	<.01	<10	4	<10	12	33
92	L-14+00W:4+50N	0.4	0.2	<5	90	5	9.89	<1	10	<1	6	1.81	<10	0.42	631	<1	<.01	6	1290	6	10	<20	139	<.01	<10	2	<10	7	16
93	L-14+00W:4+75N	0.4	0.2	<5	100	<5	8.04	<1	9	<1	6	1.80	<10	0.34	541	<1	<.01	8	1140	8	5	<20	115	<.01	<10	3	<10	7	14
94	L-14+00W:5+00N	0.2	0.2	<5	75	<5	9.81	<1	9	<1	5	1.56	<10	0.41	480	<1	<.01	6	950	4	10	<20	132	<.01	<10	2	<10	6	10
95	L-16+00W:2+50S	3.6	0.3	10	90	10	0.38	8	19	5	42	5.20	10	<.01	430	12	<.01	76	2040	26	10	<20	8	<.01	20	63	<10	21	559

Et #	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
96	L-16+00W:2+25S	0.6	0.5	<5	95	5	0.24	1	9	5	17	3.56	<10	0.10	334	3	<.01	25	2280	34	<5	<20	6	<.01	<10	23	<10	4	168
97	L-16+00W:2+00S	0.6	0.6	<5	90	5	0.16	<1	7	6	13	2.80	10	0.19	102	4	<.01	26	1390	28	<5	<20	7	<.01	<10	30	<10	2	167
98	L-16+00W:1+75S	0.4	0.7	<5	85	5	0.17	<1	8	6	12	2.90	10	0.23	155	4	<.01	25	1380	28	<5	<20	7	<.01	<10	24	<10	2	140
99	L-16+00W:1+50S	0.8	0.5	<5	115	<5	0.56	<1	5	3	7	1.53	<10	0.10	246	2	<.01	16	800	18	<5	<20	9	<.01	<10	18	<10	4	80
100	L-16+00W:1+25S	0.4	0.4	<5	65	<5	0.05	<1	5	2	10	1.94	10	0.03	87	1	<.01	15	410	16	<5	<20	2	<.01	<10	18	<10	2	66
101	L-16+00W:1+00S	0.2	0.4	<5	55	5	0.05	<1	6	4	12	2.71	<10	0.05	226	4	<.01	22	940	32	<5	<20	<1	<.01	<10	32	<10	<1	377
102	L-16+00W:0+75S	1.4	0.9	<5	330	10	0.19	2	10	10	29	4.99	<10	0.07	407	8	<.01	35	2010	186	<5	<20	7	<.01	<10	68	<10	3	1152
103	L-16+00W:0+50S	1.8	0.3	10	360	5	0.08	1	8	8	25	3.65	<10	0.01	326	11	<.01	34	1630	144	<5	<20	13	<.01	<10	111	<10	1	490
104	L-16+00W:0+25S	0.8	0.3	<5	230	5	0.04	<1	6	4	18	2.63	<10	0.02	94	8	<.01	28	1130	62	<5	<20	10	<.01	<10	59	<10	<1	143
105	L-16+00W:0+00	0.6	0.6	<5	265	5	0.04	<1	5	7	13	2.87	<10	0.08	152	5	<.01	18	1020	42	<5	<20	5	<.01	<10	42	<10	<1	129
106	L-16+00W:0+25N	0.4	0.5	<5	295	<5	0.09	<1	9	4	21	3.90	<10	0.03	392	2	<.01	24	1080	54	<5	<20	5	<.01	<10	26	<10	2	111
107	L-16+00W:0+50N	0.4	0.4	<5	295	<5	0.05	<1	7	4	18	2.81	<10	0.03	195	3	<.01	22	820	28	<5	<20	6	<.01	<10	22	<10	1	91
108	L-16+00W:0+75N	0.6	0.5	<5	305	5	0.24	<1	10	4	15	2.95	<10	0.09	470	2	<.01	22	1200	24	<5	<20	5	<.01	<10	13	<10	8	71
109	L-16+00W:1+00N	0.4	0.5	<5	205	<5	0.18	<1	6	7	6	2.23	<10	0.15	185	5	<.01	18	920	20	<5	<20	6	<.01	<10	33	<10	2	103
110	L-16+00W:1+25N	0.6	1.0	<5	315	5	0.52	<1	11	13	13	3.47	<10	0.50	648	5	<.01	35	2070	34	<5	<20	13	<.01	<10	71	<10	5	172
111	L-16+00W:1+50N	0.4	0.8	<5	245	5	0.69	<1	6	12	19	3.11	10	0.13	388	7	<.01	55	4020	46	<5	<20	15	<.01	<10	55	<10	9	493
112	L-16+00W:1+75N	7.4	0.8	95	630	10	0.36	24	12	39	199	14.50	<10	<.01	150	97	<.01	163	1560	2934	35	<20	44	0.01	40	1173	<10	15	3725
113	L-16+00W:2+00N	0.6	0.3	10	135	<5	0.03	<1	6	6	21	2.82	10	<.01	111	14	<.01	41	670	110	<5	<20	11	<.01	<10	84	<10	2	172
114	L-16+00W:2+25N	1	0.5	35	6190	<5	14.20	<1	15	2	146	4.03	<10	7.96	449	6	<.01	29	180	52	45	<20	698	<.01	<10	23	<10	6	34
115	L-16+00W:2+50N	1.2	0.7	20	4620	5	3.61	1	16	10	59	4.27	10	1.85	724	16	<.01	51	940	70	20	<20	131	<.01	<10	54	<10	14	126
116	L-16+00W:2+75N	1.2	0.6	35	3050	<5	2.59	<1	14	7	50	4.30	<10	1.28	639	15	<.01	48	750	94	15	<20	88	<.01	<10	38	<10	8	97
117	L-16+00W:3+00N	2.2	0.3	115	595	10	0.10	2	13	7	48	7.30	<10	0.02	922	28	<.01	54	650	242	<5	<20	27	<.01	20	37	<10	<1	39
118	L-16+00W:3+25N	1.4	0.8	40	1240	5	0.17	1	13	10	50	5.34	<10	0.13	524	15	<.01	49	890	124	<5	<20	14	<.01	<10	43	<10	3	97
119	L-16+00W:3+50N	2	0.3	85	920	10	5.44	2	37	32	82	8.19	<10	2.63	1127	11	<.01	148	1730	72	20	<20	129	<.01	10	38	<10	8	32
120	L-16+00W:3+75N	2.2	0.4	75	1375	15	4.65	2	20	13	54	9.62	<10	2.23	2407	15	<.01	68	1090	82	15	<20	118	<.01	20	72	<10	10	69
121	L-16+00W:4+00N	0.6	1.4	30	1305	20	0.57	1	12	20	17	9.71	<10	0.28	1742	7	<.01	27	1620	42	<5	<20	20	<.01	20	81	<10	4	123
122	L-16+00W:4+25N	1.8	0.9	50	1225	15	1.31	2	19	17	47	9.89	10	0.56	3361	11	<.01	60	1680	80	<5	<20	43	<.01	20	59	<10	21	125
123	L-16+00W:4+50N	0.8	1.0	30	1010	15	0.46	1	15	11	33	5.87	<10	0.26	1045	9	<.01	42	640	66	<5	<20	15	<.01	<10	42	<10	4	98
124	L-16+00W:4+75N	0.4	0.3	<5	355	5	3.17	<1	12	2	9	2.48	10	0.22	599	1	<.01	10	1060	14	<5	<20	52	<.01	<10	8	<10	8	28
125	L-16+00W:5+00N	0.2	0.2	<5	95	5	9.05	<1	11	<1	7	1.66	10	0.31	555	<1	<.01	6	1050	6	5	<20	127	<.01	<10	2	<10	6	11
126	L-18+00W:2+50S	0.2	0.4	<5	70	<5	0.30	<1	3	1	1	0.86	10	0.04	56	<1	<.01	6	440	12	<5	<20	7	<.01	<10	13	<10	<1	39
127	L-18+00W:2+25S	2.4	0.6	5	105	5	0.84	4	11	7	17	3.04	10	0.21	380	7	<.01	38	1550	24	10	<20	8	<.01	<10	74	<10	17	288
128	L-18+00W:2+00S	1.4	0.7	5	75	<5	0.09	<1	5	7	6	2.10	<10	0.11	83	4	<.01	15	1220	20	<5	<20	3	<.01	<10	43	<10	<1	112
129	L-18+00W:1+75S	0.2	0.5	<5	55	<5	0.05	<1	5	2	6	1.31	10	0.04	57	2	<.01	15	520	16	<5	<20	2	<.01	<10	19	<10	1	97
130	L-18+00W:1+50S	0.2	0.6	<5	110	<5	0.18	<1	6	4	12	2.09	<10	0.10	162	3	<.01	19	710	20	<5	<20	3	<.01	<10	25	<10	2	103

Et #	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
131	L-18+00W:1+25S	1	0.7	<5	150	10	0.59	<1	8	6	8	3.05	10	0.14	733	2	<.01	22	1220	36	<5	<20	8	<.01	<10	22	<10	15	179
132	L-18+00W:1+00S	0.6	0.8	5	220	<5	0.12	<1	12	6	28	3.06	10	0.07	378	2	<.01	40	770	28	<5	<20	6	<.01	<10	17	<10	9	188
133	L-18+00W:0+75S	0.8	0.6	<5	120	5	0.30	<1	9	7	9	2.84	<10	0.13	459	4	<.01	29	890	38	<5	<20	5	<.01	<10	22	<10	11	247
134	L-18+00W:0+50S	1.2	0.4	<5	105	5	9.38	13	4	6	12	3.39	10	4.89	797	<1	<.01	18	1220	92	30	<20	58	<.01	<10	48	<10	12	1988
135	L-18+00W:0+25S	0.4	0.5	<5	285	5	0.28	2	10	9	48	3.79	<10	0.16	565	4	<.01	35	1430	62	<5	<20	7	<.01	<10	86	<10	1	575
136	L-18+00W:0+00	1.4	1.1	<5	375	<5	0.11	2	12	11	18	3.68	10	0.35	398	5	<.01	38	1170	34	5	<20	4	<.01	<10	39	<10	6	230
137	L-18+00W:0+25N	0.8	0.8	<5	555	5	0.06	<1	6	7	5	2.33	<10	0.16	257	4	<.01	17	1020	18	<5	<20	3	<.01	<10	32	<10	<1	102
138	L-18+00W:0+50N	2.2	0.7	5	1000	<5	2.13	3	13	17	53	4.27	20	0.05	373	9	<.01	86	10000	30	<5	<20	105	<.01	<10	121	<10	21	281
139	L-18+00W:0+75N	0.6	0.6	<5	260	<5	0.15	<1	8	5	11	2.35	<10	0.13	468	3	<.01	22	990	22	<5	<20	6	<.01	<10	22	<10	2	79
140	L-18+00W:1+00N	0.6	1.3	<5	185	5	0.31	<1	10	13	10	3.23	10	0.45	626	4	<.01	26	1140	30	<5	<20	9	<.01	<10	32	<10	6	185
141	L-18+00W:1+25N	0.6	1.1	<5	120	<5	0.31	<1	13	11	15	3.24	20	0.54	579	4	<.01	35	1620	32	10	<20	14	<.01	<10	24	<10	8	199
142	L-18+00W:1+50N	0.4	1.2	<5	205	5	0.11	<1	9	12	8	2.93	10	0.40	654	3	<.01	21	1160	28	<5	<20	6	<.01	<10	30	<10	4	135
143	L-18+00W:1+75N	0.4	1.4	<5	180	<5	0.21	<1	9	13	6	3.17	10	0.63	656	2	<.01	21	1230	36	10	<20	8	<.01	<10	24	<10	4	159
144	L-18+00W:2+00N	1.6	0.8	15	150	5	0.27	2	12	11	30	3.80	10	0.37	1112	20	<.01	61	1550	148	<5	<20	11	<.01	<10	63	<10	15	269
145	L-18+00W:2+25N	0.4	0.7	5	330	5	0.41	2	10	11	13	3.25	<10	0.28	1001	10	<.01	34	1610	92	<5	<20	12	<.01	<10	55	<10	5	380
146	L-18+00W:2+50N	0.6	0.9	<5	880	5	0.27	<1	12	14	16	4.34	<10	0.26	992	6	<.01	36	1330	48	<5	<20	14	<.01	<10	50	<10	4	128
147	L-18+00W:2+75N	0.4	0.6	5	255	<5	0.07	<1	8	6	13	3.29	<10	0.10	334	6	<.01	25	790	62	<5	<20	5	<.01	<10	28	<10	<1	79
148	L-18+00W:3+00N	1	0.4	90	845	5	0.05	2	10	5	24	4.20	<10	0.01	370	16	<.01	32	830	108	<5	<20	17	<.01	<10	30	<10	<1	44
149	L-18+00W:3+25N	3	0.5	100	650	<5	0.05	2	12	19	34	4.01	<10	0.05	222	11	<.01	45	1350	126	<5	<20	63	<.01	<10	39	<10	<1	50
150	L-18+00W:3+50N	3	0.2	65	315	5	3.89	2	12	7	26	5.38	<10	1.78	866	14	<.01	45	720	50	25	<20	107	<.01	<10	24	<10	4	20
151	L-18+00W:3+75N	1.2	0.2	65	495	10	5.94	1	10	3	29	4.32	<10	2.87	986	19	<.01	42	570	32	30	<20	145	<.01	<10	28	<10	6	27
152	L-18+00W:4+00N	1.4	0.1	125	420	10	9.94	3	13	2	52	6.63	<10	5.08	1422	9	<.01	42	630	68	40	<20	282	<.01	<10	25	<10	4	35
153	L-18+00W:4+25N	1.0	0.84	50	1020	10	2.10	2	19	14	54	6.32	20	0.99	1450	3	<.01	45	1620	64	<5	<20	50	<.01	<10	25	<10	21	106
154	L-18+00W:4+50N	1.6	0.90	20	475	10	0.48	1	19	18	35	7.10	20	0.09	2062	2	<.01	44	1800	44	<5	<20	25	<.01	20	23	<10	32	51
155	L-18+00W:4+75N	0.2	0.55	<5	275	<5	0.26	<1	9	6	10	3.01	<10	0.13	1095	<1	<.01	13	1530	16	<5	<20	6	<.01	20	12	<10	7	64
156	L-18+00W:5+00N	0.2	0.55	<5	150	10	0.62	<1	7	5	9	2.58	10	0.24	765	<1	<.01	13	1420	14	<5	<20	5	<.01	<10	6	<10	15	46
157	L-20+00W:2+50S	0.8	0.86	10	105	5	0.13	4	21	11	16	3.11	<10	0.17	754	6	<.01	49	1040	38	<5	<20	4	<.01	<10	23	<10	7	352
158	L-20+00W:2+25S	0.2	1.15	<5	160	5	0.16	<1	7	13	9	2.27	<10	0.37	749	2	<.01	22	1220	22	<5	<20	5	<.01	10	30	<10	6	167
159	L-20+00W:2+00S	0.2	0.78	5	60	<5	0.06	<1	6	9	12	2.52	<10	0.26	162	4	<.01	22	830	26	<5	<20	1	<.01	20	31	<10	<1	172
160	L-20+00W:1+75S	0.4	1.30	<5	105	10	0.26	<1	9	16	12	3.32	<10	0.54	369	2	<.01	31	1500	26	<5	<20	8	<.01	10	29	<10	7	186
161	L-20+00W:1+50S	<.2	1.12	5	70	10	0.07	<1	7	14	12	3.56	<10	0.47	250	4	<.01	24	1000	26	<5	<20	4	<.01	<10	37	<10	<1	118
162	L-20+00W:1+25S	<.2	0.51	<5	80	5	0.16	<1	5	7	9	1.90	<10	0.12	210	2	<.01	18	1060	28	<5	<20	4	<.01	<10	33	<10	<1	132
163	L-20+00W:1+00S	<.2	0.67	5	160	10	0.15	<1	8	10	14	2.88	<10	0.15	354	4	<.01	28	1370	42	<5	<20	4	<.01	10	40	<10	1	202
164	L-20+00W:0+75S	<.2	0.56	5	105	5	0.05	<1	4	6	8	2.11	<10	0.10	112	3	<.01	14	1020	26	<5	<20	2	<.01	<10	28	<10	<1	116
165	L-20+00W:0+50S	<.2	1.19	10	100	10	0.07	<1	9	14	16	3.55	<10	0.52	331	5	<.01	32	1080	30	<5	<20	3	<.01	10	34	<10	<1	156

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
166	L-20+00W:0+25S	0.4	0.54	<5	70	10	0.06	<1	4	6	6	2.41	<10	0.07	145	2	<.01	11	560	18	<5	<20	<1	<.01	20	40	<10	<1	69
167	L-20+00W:0+00	0.2	0.79	<5	100	5	0.04	<1	5	8	10	2.15	10	0.17	143	2	<.01	18	650	24	<5	<20	<1	<.01	<10	27	<10	<1	95
168	L-20+00W:0+25N	<.2	0.64	<5	100	5	0.05	<1	6	8	20	2.76	<10	0.12	227	3	<.01	15	860	24	<5	<20	<1	<.01	<10	26	<10	<1	89
169	L-20+00W:0+50N	0.8	0.58	<5	135	5	0.07	<1	19	8	62	5.89	20	0.01	621	1	<.01	53	730	54	<5	<20	<1	<.01	<10	11	<10	10	55
170	L-20+00W:0+75N	<.2	0.64	<5	110	<5	0.02	<1	9	8	16	3.49	<10	0.11	238	5	<.01	24	840	30	<5	<20	<1	<.01	10	28	<10	<1	92
171	L-20+00W:1+00N	0.6	0.50	<5	115	5	0.05	<1	6	6	13	2.53	<10	0.10	288	3	<.01	19	710	28	<5	<20	2	<.01	<10	19	<10	<1	68
172	L-20+00W:1+25N	1.2	0.33	<5	250	10	8.17	<1	8	4	14	4.13	10	4.28	1341	2	<.01	20	540	70	35	<20	50	<.01	<10	16	<10	18	56
173	L-20+00W:1+50N	<.2	0.41	<5	110	10	0.20	<1	10	4	11	2.48	<10	0.11	671	1	<.01	15	610	26	<5	<20	1	<.01	<10	12	<10	<1	50
174	L-20+00W:1+75N	0.6	0.31	<5	80	5	0.08	<1	5	4	10	1.94	<10	0.07	169	2	<.01	15	650	22	<5	<20	<1	<.01	20	12	<10	<1	41
175	L-20+00W:2+00N	0.2	0.58	<5	125	5	0.04	<1	4	6	8	1.68	<10	0.09	213	2	<.01	9	900	20	<5	<20	<1	<.01	<10	18	<10	<1	40
176	L-20+00W:2+25N	<.2	0.57	<5	100	10	0.05	<1	9	9	15	3.04	<10	0.17	612	4	<.01	27	1280	40	<5	<20	1	<.01	10	31	<10	<1	124
177	L-20+00W:2+50N	0.6	0.78	10	580	10	0.42	<1	6	8	9	2.75	10	0.27	322	2	<.01	20	1470	34	<5	<20	11	<.01	<10	17	<10	20	96
178	L-20+00W:2+75N	0.4	0.28	10	1065	10	6.81	<1	9	6	26	3.06	<10	3.65	494	2	<.01	20	410	46	35	<20	291	<.01	<10	16	<10	8	34
179	L-20+00W:3+00N	0.2	0.63	<5	100	<5	0.69	<1	6	5	5	3.33	10	0.37	950	<1	<.01	11	1830	14	<5	<20	14	<.01	<10	5	<10	16	49
180	L-20+00W:3+25N	0.4	0.80	10	130	10	0.81	<1	8	8	10	2.63	20	0.49	701	1	<.01	18	1770	22	5	<20	19	<.01	<10	8	<10	24	54
181	L-20+00W:3+50N	0.2	0.73	<5	115	5	1.17	<1	9	6	9	2.62	10	0.40	1046	<1	<.01	14	1760	18	<5	<20	18	<.01	10	6	<10	20	57
182	L-20+00W:3+75N	<.2	0.76	<5	160	5	1.54	<1	13	7	15	2.65	10	0.55	1442	<1	<.01	18	1590	18	<5	<20	24	<.01	<10	7	<10	25	54
183	L-20+00W:4+00N	<.2	0.68	<5	100	5	1.14	<1	11	6	11	2.41	<10	0.41	754	<1	<.01	17	1280	18	<5	<20	17	<.01	<10	6	<10	15	46
184	L-20+00W:4+25N	<.2	0.70	<5	100	5	1.20	<1	11	6	11	2.36	10	0.47	573	<1	<.01	17	1300	16	5	<20	19	<.01	<10	6	<10	13	51
185	L-20+00W:4+50N	0.6	0.19	35	310	10	8.34	<1	16	3	77	4.90	20	4.37	540	2	<.01	39	870	50	40	<20	179	<.01	<10	10	<10	4	35
186	L-20+00W:4+75N	0.4	0.61	<5	385	<5	0.51	<1	8	7	9	2.58	<10	0.20	786	2	<.01	13	1690	20	<5	<20	13	<.01	10	15	<10	1	86
187	L-20+00W:5+00N	0.2	0.54	<5	265	5	0.52	<1	10	5	9	2.69	<10	0.08	1077	2	<.01	11	1550	18	<5	<20	9	<.01	10	9	<10	4	50
188	L-22+00W:2+50S	<.2	0.36	<5	40	5	0.05	<1	6	4	13	3.07	10	0.02	102	<1	<.01	20	450	38	<5	<20	2	<.01	<10	11	<10	<1	102
189	L-22+00W:2+25S	0.6	0.51	<5	100	<5	0.59	4	7	8	16	2.23	<10	0.16	422	2	<.01	50	770	22	<5	<20	14	<.01	<10	15	<10	18	422
190	L-22+00W:2+00S	0.8	0.54	10	120	5	0.62	6	7	10	18	3.51	<10	0.19	707	1	<.01	36	1570	78	<5	<20	18	<.01	10	40	<10	9	1543
191	L-22+00W:1+75S	0.8	0.68	10	170	5	0.37	3	7	11	12	3.00	10	0.20	715	2	<.01	24	1450	56	<5	<20	10	<.01	10	35	<10	12	1008
192	L-22+00W:1+50S	0.8	0.45	<5	50	5	0.05	<1	7	6	14	2.81	10	0.01	328	<1	<.01	17	830	32	<5	<20	<1	<.01	<10	9	<10	4	62
193	L-22+00W:1+25S	0.2	0.27	<5	30	5	0.04	<1	6	3	11	2.24	<10	0.02	170	1	<.01	17	490	24	<5	<20	2	<.01	10	25	<10	<1	144
194	L-22+00W:1+00S	0.2	0.63	5	50	5	0.03	<1	7	9	16	3.41	<10	0.13	156	3	<.01	25	940	28	<5	<20	1	<.01	<10	44	<10	<1	105
195	L-22+00W:0+75S	0.2	0.79	5	90	5	0.08	<1	9	12	23	3.91	<10	0.24	211	6	<.01	37	1300	30	<5	<20	3	<.01	<10	49	<10	<1	167
196	L-22+00W:0+50S	<.2	0.78	<5	95	5	0.12	<1	9	12	21	3.67	<10	0.28	306	6	<.01	33	1300	34	<5	<20	4	<.01	<10	50	<10	<1	145
197	L-22+00W:0+25S	<.2	0.36	<5	65	<5	0.05	<1	8	5	20	2.71	<10	0.05	207	4	<.01	24	640	36	<5	<20	1	<.01	20	16	<10	1	60
198	L-22+00W:0+00	<.2	0.41	<5	75	<5	0.07	<1	10	5	33	3.02	<10	0.08	189	3	<.01	35	750	26	<5	<20	2	<.01	<10	24	<10	1	81
199	L-22+00W:0+25N	0.2	0.41	<5	45	<5	0.06	<1	9	6	38	3.24	<10	0.02	202	2	<.01	34	900	28	<5	<20	<1	<.01	<10	18	<10	2	52
200	L-22+00W:0+50N	<.2	0.67	5	70	10	0.08	<1	8	11	20	3.51	<10	0.20	232	3	<.01	27	1060	32	<5	<20	4	<.01	10	25	<10	<1	94

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
201	L-22+00W:0+75N	0.2	0.61	10	105	5	0.08	<1	8	9	22	3.46	<10	0.13	189	4	<.01	30	1530	34	<5	<20	3	<.01	<10	32	<10	<1	102
202	L-22+00W:1+00N	0.2	0.77	<5	265	5	0.12	<1	8	11	19	3.70	<10	0.21	211	5	<.01	32	1970	36	<5	<20	5	<.01	<10	38	<10	<1	153
203	L-22+00W:1+25N	0.6	0.42	25	830	5	0.73	<1	13	7	26	3.52	<10	0.24	1013	4	<.01	36	1520	42	<5	<20	19	<.01	<10	18	<10	10	92
204	L-22+00W:1+50N	2.8	0.28	115	465	20	4.78	3	21	12	72	11.20	<10	2.39	2650	18	<.01	73	900	124	15	<20	59	<.01	40	55	<10	4	124
205	L-22+00W:1+75N	0.6	0.50	10	275	5	0.95	1	10	7	21	2.89	<10	0.42	511	3	<.01	46	1110	38	10	<20	17	<.01	10	19	<10	12	357
206	L-22+00W:2+00N	<.2	0.69	<5	165	10	0.12	<1	4	9	5	1.70	<10	0.29	265	2	<.01	15	1370	20	<5	<20	6	<.01	10	17	<10	2	120
207	L-22+00W:2+25N	1.0	0.87	15	170	5	0.50	2	12	11	23	3.27	10	0.45	808	6	<.01	57	1540	42	<5	<20	12	<.01	<10	29	<10	20	354
208	L-22+00W:2+50N	0.4	0.62	10	135	5	0.10	<1	8	12	16	4.34	<10	0.19	622	7	<.01	32	2480	34	<5	<20	5	<.01	10	43	<10	<1	138
209	L-22+00W:2+75N	<.2	0.52	10	265	5	0.11	<1	8	9	15	3.28	<10	0.16	467	6	<.01	29	1590	34	<5	<20	4	<.01	<10	31	<10	<1	116
210	L-22+00W:3+00N	0.8	0.72	25	270	5	1.96	<1	10	11	18	3.83	<10	1.16	762	6	<.01	36	1380	48	10	<20	28	<.01	<10	25	<10	12	104
211	L-22+00W:3+25N	0.8	0.78	5	125	5	0.24	<1	10	10	15	3.62	<10	0.35	654	4	<.01	29	1910	36	<5	<20	9	<.01	20	25	<10	2	126
212	L-22+00W:3+50N	0.4	0.98	5	130	<5	0.15	1	13	13	15	3.92	<10	0.46	1268	4	<.01	28	1800	36	<5	<20	5	<.01	10	26	<10	<1	137
213	L-22+00W:3+75N	0.2	0.99	15	110	10	0.16	1	14	12	17	3.66	<10	0.39	636	9	<.01	37	1060	36	<5	<20	4	<.01	10	29	<10	6	179
214	L-22+00W:4+00N	<.2	0.91	10	125	10	0.21	<1	11	11	17	3.54	<10	0.39	518	3	<.01	26	1540	34	<5	<20	7	<.01	<10	21	<10	2	88
215	L-22+00W:4+25N	<.2	0.56	10	165	<5	0.14	<1	7	8	13	2.81	<10	0.15	360	5	<.01	23	1300	24	<5	<20	7	<.01	<10	28	<10	<1	97
216	L-22+00W:4+50N	0.4	0.66	15	230	5	0.36	<1	10	9	23	3.50	<10	0.19	512	5	<.01	34	1420	36	<5	<20	14	<.01	10	29	<10	1	135
217	L-22+00W:4+75N	0.4	0.90	30	160	10	0.35	1	22	12	19	4.72	<10	0.19	1119	5	<.01	59	1820	34	<5	<20	9	<.01	10	19	<10	9	128
218	L-22+00W:5+00N	0.6	0.68	15	235	5	0.34	1	13	10	19	3.53	<10	0.23	1044	4	<.01	36	1400	48	<5	<20	9	<.01	10	26	<10	7	142

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC/DATA:																													
Repeat #:																													
1	L-10+00W:0+00	2.8	0.5	25	885	5	1.00	2	9	10	46	3.88	10	0.46	281	5	<.01	34	770	136	5	<20	13	<.01	<10	49	<10	10	295
39	L-13+00W:1+00S	0.4	0.4	<5	70	10	0.03	<1	7	4	6	2.81	<10	0.04	231	5	<.01	16	610	32	<5	<20	2	<.01	<10	35	<10	<1	168
77	L-14+00W:0+75N	0.4	0.4	<5	210	<5	0.07	<1	5	5	22	2.57	<10	0.10	82	5	<.01	16	1000	42	<5	<20	8	<.01	<10	49	<10	<1	209
115	L-16+00W:2+50N	0.8	0.7	20	4530	<5	3.70	1	15	9	56	4.21	10	1.86	714	15	<.01	51	900	66	20	<20	131	<.01	<10	52	<10	13	117
153	L-18+00W:4+25N	1.2	0.85	40	1100	10	2.34	2	19	14	54	6.52	20	1.11	1527	4	<.01	47	1610	62	5	<20	58	<.01	<10	25	<10	23	118
191	L-22+00W:1+75S	1.0	0.65	5	165	5	0.35	3	7	11	12	2.97	<10	0.19	714	2	<.01	24	1440	54	<5	<20	11	<.01	10	34	<10	12	984
Standard 1991																													
		1.6	1.8	65	175	10	1.75	2	20	64	88	4.30	<10	0.95	694	<1	0.01	26	660	30	5	<20	56	0.10	<10	76	<10	5	79
		1.6	1.8	65	175	5	1.77	2	20	66	86	4.30	<10	0.93	698	<1	0.02	26	640	30	5	<20	59	0.11	<10	78	<10	5	77
		1.4	1.8	65	170	10	1.74	2	20	64	86	4.24	<10	0.93	692	<1	0.01	24	650	30	10	<20	57	0.10	<10	77	<10	5	76
		1.6	1.7	70	175	5	1.77	2	20	64	83	4.22	<10	0.93	693	<1	0.01	27	680	28	5	<20	59	0.10	<10	75	<10	5	73
		1.2	1.69	70	175	5	1.74	1	20	66	83	4.07	<10	0.93	680	<1	0.02	27	680	24	5	<20	54	0.11	10	74	<10	6	76
		1.2	1.69	70	170	5	1.74	1	19	64	85	4.04	<10	0.93	687	<1	0.01	27	690	22	10	<20	54	0.10	10	78	<10	6	78

XLS/Teck
df#721&696

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

APPENDIX IV

Statement of Expenditures

Wages:	J. Pautler	12 days @ 261.00/day	$ 3,132.00	
	K. Chubb	12 days @ 203.50/day	2,442.00	
	H. Stewart	6 days @ 227.85/day	1,367.10	
		Total: 30 man-days		**$ 6,941.00**

Geochemistry:	216 soils @ 9.00 ea.	ICP	1944.00	
	32 rocks @ 11.00 ea.	ICP	352.00	
	21 rocks @ 5.00 ea.	+Ba	105.00	
	8 rocks @ 9.00 ea.	+Au	72.00	
	4 assays @ 7.00 ea.	Ag,Cu,Zn	28.00	
	7 silts @ 18.00 ea.	Au+ICP	126.00	
		Total:		**2,627.00**

Groceries: 28 man-days @ $ 15.00/md **420.00**

Meals, Accommodation: 2 man-days @ $50.00/ea. **100.00**

Truck/Gas: 2 weeks @ $250/week + $210. fuel **710.00**

Air Charter: Northern Mountain Helicopters, Mackenzie, B.C.

	Aug. 27	2.1 hrs.	1,365.00
	Sept. 3	2.3	1,495.00
	Sept. 7	demob.	NC
		fuel	475.00
Northern Thunderbird Air, Mackenzie, B.C.			805.76
		Total:	**4,140.76**

Field Supplies: (flagging tape, thread, sample bags)
28 man-days @ $15.00 **$ 420.00**

Camp Supplies: (Propane, tents, hardware, etc.)
12 days @ $20.00 **$ 240.00**

Equipment rental: Radios: 250.00 **250.00**

Maps & Prints: **$ 495.00**

Report & Drafting: **$ 1,850.00**

GRAND TOTAL: **$18,193.00**

Total Amount Applied for Assessment **$ 14,900.00**

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. M. BAUTLER
GEOSCIENTIST

APPENDIX V

STATEMENT OF QUALIFICATION

I, Jean Marie Pautler, do hereby certify that:

1) I am a geologist and have worked in the Canadian Cordillera for the past fourteen years.

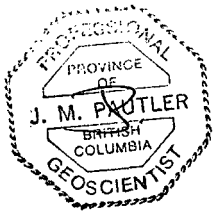
2) I am a graduate of Laurentian University, Sudbury, Ontario with an Honours B.Sc. degree in geology (May, 1980).

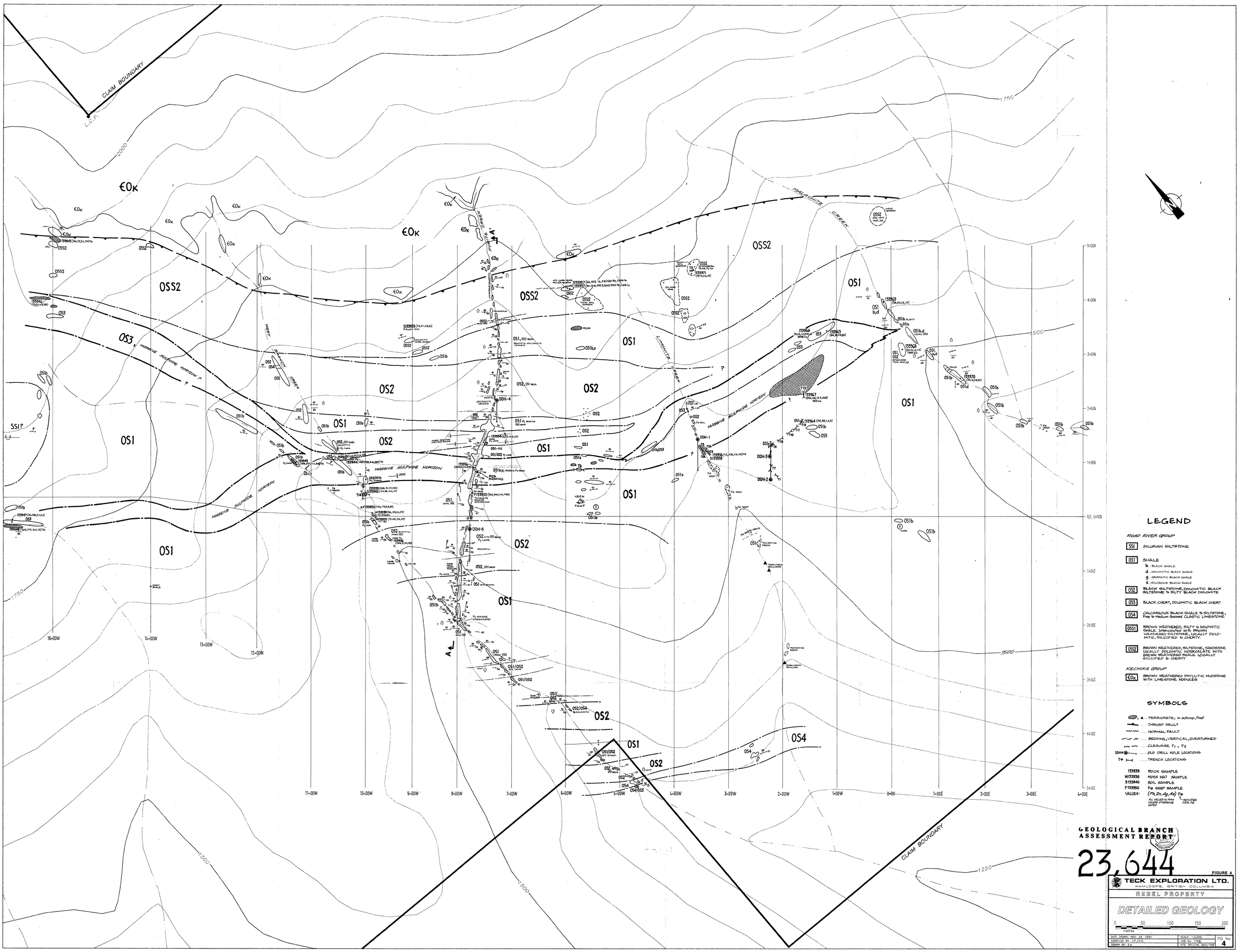
3) I am a Professional Geoscientist and a Fellow of the Geological Association of Canada.

4) I supervised and conducted exploration on the REBEL claims from August 26 to September 8, 1994.

Jean Pautler.

Jean Pautler
Project Geologist.





LEGEND

ROAD RIVER GROUP

- SSI — SILURIAN SILTSTONE
- OS1 — SHALE
  - b ... BLACK SHALE
  - d ... DOLOMITIC BLACK SHALE
  - g ... GRAPHITIC BLACK SHALE
  - s ... SILICEOUS BLACK SHALE
- OS2 — BLACK SILTSTONE, DOLOMITIC BLACK SILTSTONE to SILTY BLACK DOLOMITE
- OS3 — BLACK CHERT, DOLOMITIC BLACK CHERT
- OS4 — CALCAREOUS BLACK SHALE to SILTSTONE, Fine to Medium Grained CLASTIC LIMESTONE
- OSS1 — BROWN WEATHERED, SILTY to DOLOMITIC SHALE. Intercalated with BROWN WEATHERED SILTSTONE, LOCALLY DOLOMITIC, SILICIFIED to CHERTY.
- OSS2 — BROWN WEATHERED, SILTSTONE, SANDSTONE LOCALLY DOLOMITIC INTERCALATE WITH BROWN WEATHERED SHALE. LOCALLY SILICIFIED to CHERTY

KECHIKA GROUP

- €Ok — BROWN WEATHERED PHYLLITIC MUDSTONE WITH LIMESTONE NODULES

SYMBOLS

- ▲ ... FERRICRETE; in outcrop, float
- THRUST FAULT
- NORMAL FAULT
- BEDDING, VERTICAL, OVERTURNED
- CLEAVAGE F_1 , F_2
- DDH ... OLD DRILL HOLE LOCATIONS
- T# ... TRENCH LOCATIONS

133939	ROCK SAMPLE
M133938	MOSS MAT SAMPLE
S133940	SOIL SAMPLE
F133950	Fe SEEP SAMPLE
VALUES:	(Pb, Zn, Ag, As) Fe

ALL VALUES IN PPM UNLESS OTHERWISE NOTED — INDICATES .75% Fe

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,644

FIGURE 4

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

REBEL PROPERTY

DETAILED GEOLOGY

0 50 100 150 200
metres

DATE DRAWN: NOV. 24, 1994	SCALE: 1:2,000	FIG. No:
COMPILED BY: J.P./M.S.	JOB No: 1742	4
DRAWN BY: S.A.	NTS: 94F/11W, 94G/14W	