GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL

ASSESSMENT REPORT

ON THE

MT. ALCOCK PROPERTY

Recreation Area Mining Division
NTS 94F/11
Latitude 57°40'N Longitude 125°24'W

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

S. Jensen
January 1993
Kamloops, B.C.

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SUMMARY

The Mt. Alcock property consists of the Cu and Cv mineral claims totalling 432 units. The property, situated within the Kwadacha Recreation Area, is located within the Rocky Mountains of northern B.C., roughly 300 kilometres northwest of Mackenzie.

The Mt. Alcock barite-hosted sulphide occurrence was discovered in 1977. The property was staked in 1989 in response to the provincial government's decision to open the recreation area for mineral exploration.

Teck's 1992 program consisted of 1:5,000 scale mapping with concurrent rock sampling. In addition, two grids were established and soil sampled, with a gravity survey carried out over selected portions of one grid. The purpose of the program was to test for an economic barite-hosted Zn-Pb massive sulphide deposit hosted within Devonian black shales. Mapping and soil, rock and stream sampling was concentrated within the black shales. The program was carried out between July 15 and August 31, 1992.

Regionally, the property is underlain by Upper Devonian to Ordovician fine grained basinal clastics and carbonates. Middle to Upper Devonian lower Earn Group black shales, cherts, and siltstones of the Gunsteel Formation underlie a majority of the area worked in 1992.

Mapping on the Nod Grid delineated a structurally offset, 800m x 25m zone of nodular barite. In addition, two areas (up to 700 metres strike length) of favourable pregnant shale lithology were identified.

Rock samples from the nodular barite and pregnant shale as well as poker chip shale and cherts, returned subeconomic base metal (Zn-Pb) values. A soil survey conducted over the Nod Grid did not return significant base metal results, only weak anomalies were outlined, the most interesting being coincident zinc (up to 1119 ppm Zn), lead (up to 484 ppm Pb) and associated sedex indicator elements (cadmium, manganese and vanadium) in an area underlain by pregnant shales between L43N and L44N.

A limited gravity survey carried out over three lines on the Nod Grid returned weakly encouraging results. The survey along L50N indicates a 0.2 milligal anomaly centered at 46+75E (edge of nodular barite outcrop) that could be caused by a 25m x 100m x 100m mass of density contrast and holds hope of a larger down dip extension of the nodular barite horizon. However, geological interpretation suggests the body is faulted off. Weak gravity anomalies, most likely attributed to density contrasts between siliceous and non-siliceous black shales, were identified on lines 44N and 38N.

Mapping within the Seep Grid identified laminated pyrite exposures hosted by pregnant and poker chip shales. Rock sampling of the pyritic black shales returned subeconomic base metal values. Highly elevated zinc (up to 12967 ppm Zn) values were returned from stream and iron-seep sampling in the Seep Grid area. However, associated lead values are low, likely indicating a fault source for the seeps and anomalies.

Soils collected from the Seep Grid outlined several coincident anomalous base metal (Zn-Pb) zones. Values up to 4672 ppm Zn and 857 ppm Pb were obtained with locally anomalous, and usually coincident, sedex indicator elements including cadmium, manganese, vanadium and silver. However, a majority of the anomalies are likely related to fault zones. Several of the anomalous zones remain unexplained.

Mapping on the northwest side of Warneford River revealed numerous exposures of nodular barite hosted by poker chip, distinctly laminated and pregnant shales. One area of massive barite was identified with over 350 metres of strike length uncovered. Rock samples collected from both the nodular and massive barite returned subeconomic base metal and associated sedex indicator element values.

Laminated pyrite within pregnant shales was identified in the Longwok Creek area. Rock samples returned subanomalous base metal values.

RECOMMENDATIONS

Additional work on the Mt. Alcock property should consist of:

1) Close spaced soils on the west side of the Seep Grid to better define the coincident lead-zinc soil anomaly.

2) Hand trenching favourable results from 1).

3) Diamond drill testing the gravity anomaly on L50N within the Nod Grid.

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1. INTRODUCTION

During 1992, a program of 1:5,000 scale geological mapping and grid soil sampling with concurrent rock chip sampling was carried out on the Mt. Alcock property. In addition, a limited gravity survey and stream and iron seep sampling was completed. The property was staked in 1989 in response to the provincial government's decision to open the recreat area for mineral exploration. The 1992 program was designed to evaluate the potential for an economic sedex Zn-Pb massive sulphide deposit.

1992 surveys were concentrated on favourable black shale stratigraphy, as outlined by Triumph Resources previous 1989 and 1990 work on the claims. Work was concentrated on a Devonian thrust slice located northeast of the main Mt. Alcock barite-sulphide showing.

This report describes the 1992 program and results.

2. LOCATION AND ACCESS (Figure 1)

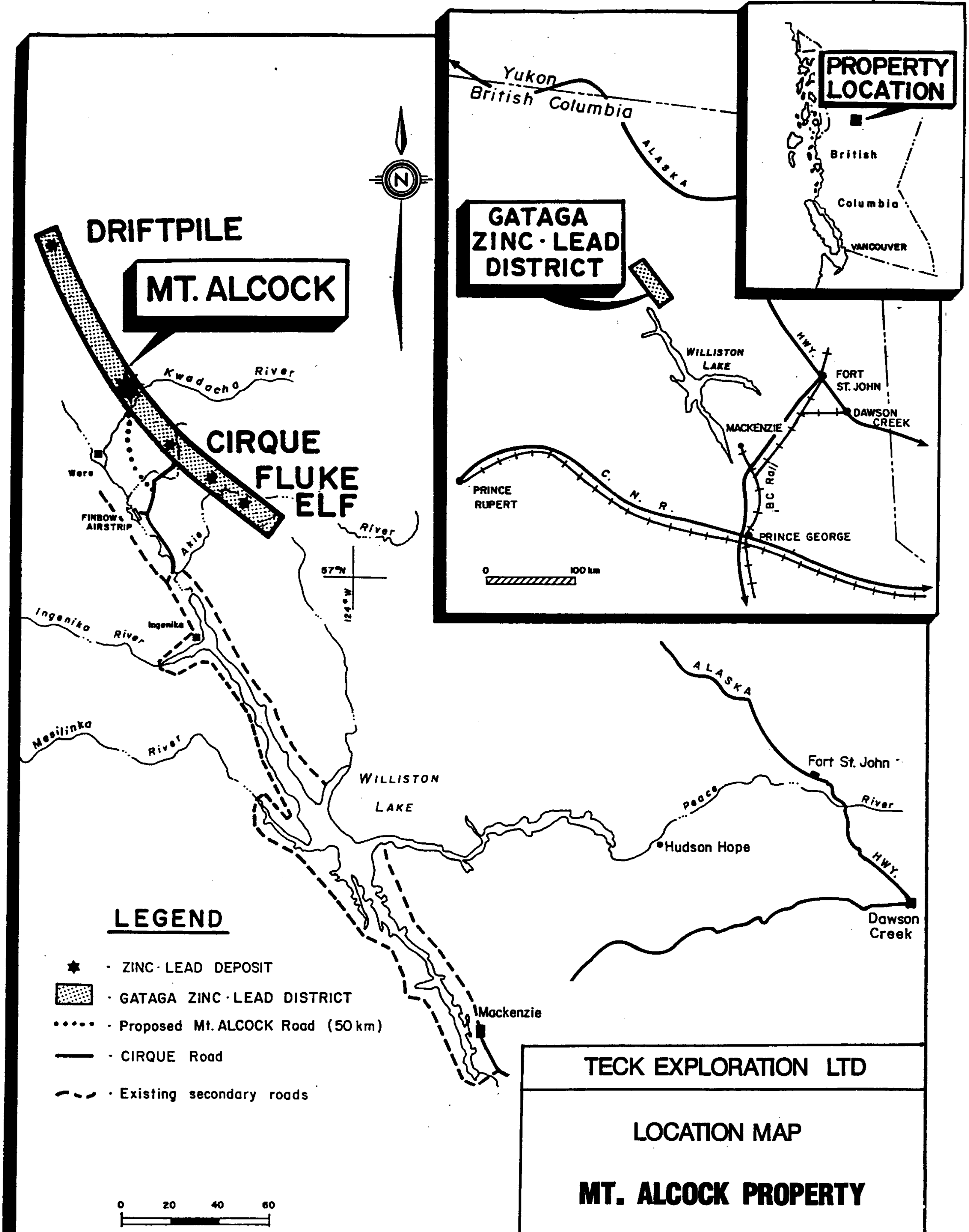
The Mt. Alcock property is located roughly 300 kilometres northwest of Mackenzie in northern British Columbia. The claims are situated within the western portion of the Kwadacha Recreation Area, approximately 25 kilometres northeast of Ft. Ware. The property is located on NTS map sheet 94F/11 with an approximate property centre latitude and longitude of 57° 40'N and 125° 24'W, respectively.

Access is via helicopter based locally at Finbow logging camp, located roughly 50 kilometres south of the property. Logistical support was provided by chartered fixed wing aircraft out of Mackenzie to the Finbow airstrip.

3. TOPOGRAPHY AND VEGETATION

Topography is steep to moderate as the property is situated within the Muskwa Ranges of the Rocky Mountains. Elevations range from 2010 metres (6593 feet) on the slopes of Mt. Luke in the eastern claim area to 800 metres (2624 feet) at the confluence of the Kwadacha and Warneford Rivers located in the southwest corner of the property.

Vegetation is thick to open and consists predominantly of mature spruce and balsam. Underbrush is generally moderate and consists of alders, scrubrush and burn. Moderate portions of the property area are covered by forest fire burns.



TECK EXPLORATION LTD

LOCATION MAP

MT. ALCOCK PROPERTY

SCALE : 1 : 2,000,000 | FIGURE : 1

4. CLAIMS (Figure 2)

The property, located in the Recreation Area Mining Division, consists of the Cu and Cv mineral claims totalling 432 units (≈10,800 hectares). The claims are registered in the name of Teck Corporation and claims worked in 1992 were grouped into two, 96 unit groups as follows:

Nod Group: CV 5200 RAC, CV 5400 RAC, CU 5498 RAC, CU 5898 RAC, CU 5698 RAC, CU 5896
Seep Group: CV 5800 RAC, CV 5600 RAC, CU 6092 RAC, CU 6094 RAC, CU 6096 RAC, CU 6098 RAC

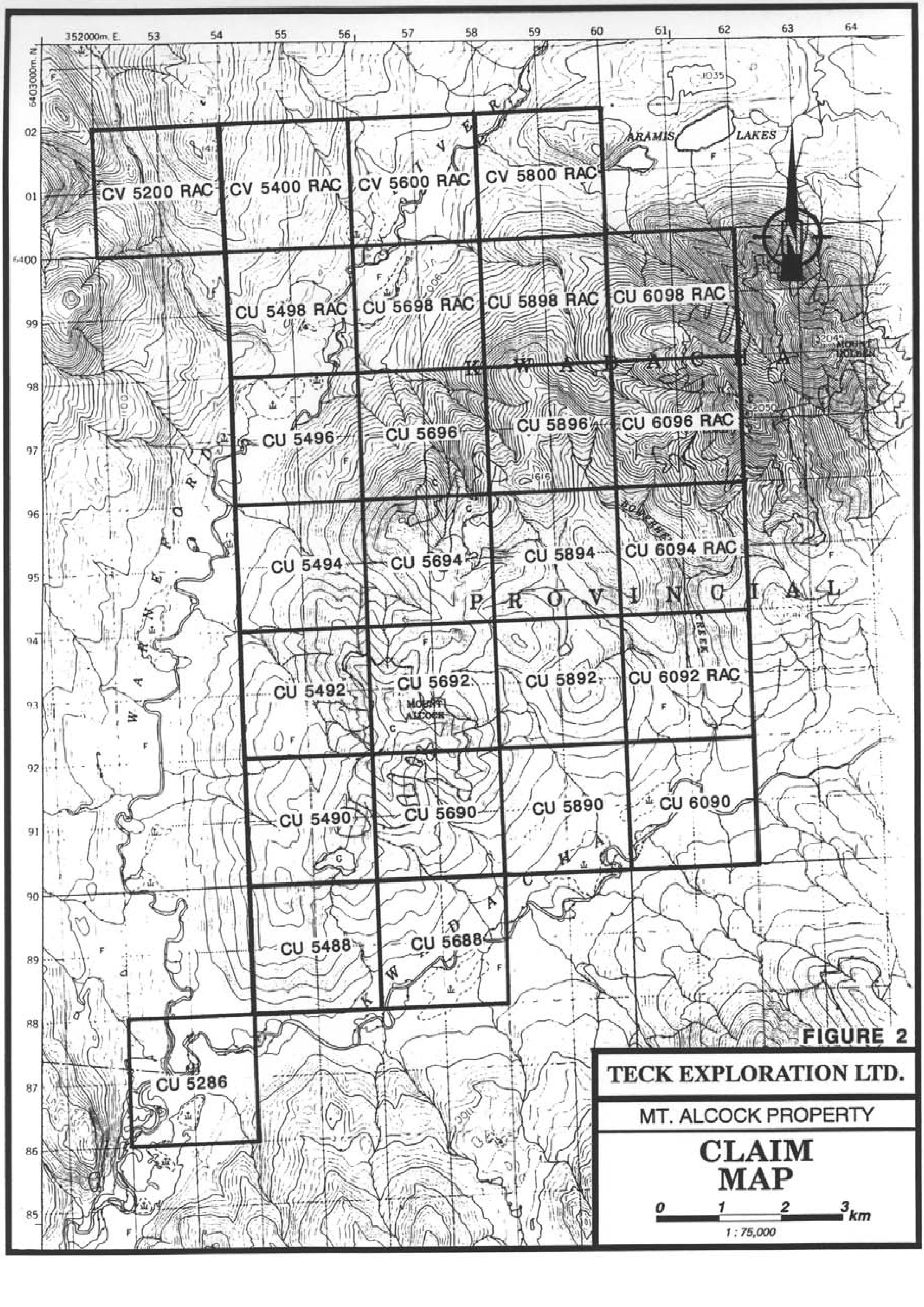
The following table lists all pertinent claim data.

TABLE 1

CLAIM RECORDS

Claim Name	Record No.	Units	Record Date	Expiry Date*
CU 5488	241394	16	June 27, 1989	June 27, 1996
CU 5490	241395	16	June 27, 1989	June 27, 1996
CU 5492	241396	16	June 27, 1989	June 27, 1996
CU 5494	241397	16	June 27, 1989	June 27, 1996
CU 5496	241398	16	June 27, 1989	June 27, 1996
CU 5688	241399	16	June 27, 1989	June 27, 1996
CU 5690	241400	16	June 27, 1989	June 27, 1996
CU 5692	241401	16	June 27, 1989	June 27, 1996
CU 5694	241402	16	June 27, 1989	June 27, 1996
CU 5896	241403	16	June 27, 1989	June 27, 1997*
CU 5890	241404	16	June 27, 1989	June 27, 1996
CU 5892	241405	16	June 27, 1989	June 27, 1996
CU 5894	241406	16	June 27, 1989	June 27, 1996
CU 5896	241407	16	June 27, 1989	June 27, 1996
CU 5286	241408	16	July 05, 1989	July 05, 1996
CU 6090	241416	16	Sept 28, 1989	Sept 28, 1996
CV 5200 RAC	307519	16	Feb 12, 1992	Feb 12, 1997*
CV 5400 RAC	307518	16	Feb 12, 1992	Feb 12, 1997*
CU 5498 RAC	307515	16	Feb 12, 1992	Feb 12, 1997*
CV 5600 RAC	307517	16	Feb 12, 1992	Feb 12, 1996*
CU 5698 RAC	307514	16	Feb 12, 1992	Feb 12, 1996*
CV 5800 RAC	307516	16	Feb 12, 1992	Feb 12, 1996*
CU 5898 RAC	307513	16	Feb 12, 1992	Feb 12, 1996*
CU 6092 RAC	307498	16	Feb 12, 1992	Feb 12, 1996*
CU 6094 RAC	307510	16	Feb 12, 1992	Feb 12, 1997*
CU 6096 RAC	307511	16	Feb 12, 1992	Feb 12, 1996*
CU 6098 RAC	307512	16	Feb 12, 1992	Feb 12, 1996*
	Total =	432 Units		

***Note** = Expiry date based on acceptance of this report



352000m. E.
6403000m. N.
CV 5200 RAC
CV 5400 RAC
CV 5600 RAC
CV 5800 RAC
ARAMIS
LAKES
CU 5498 RAC
CU 5698 RAC
CU 5898 RAC
CU 6098 RAC
MOUNT GOLDEN
K W A D A C H A
CU 5496
CU 5696
CU 5896
CU 6096 RAC
CU 5494
CU 5694
CU 5894
CU 6094 RAC
P R O V I N C I A L
CU 5492
CU 5692
MOUNT ALCOCK
CU 5892
CU 6092 RAC
CU 5490
CU 5690
CU 5890
CU 6090
CU 5488
CU 5688
K W A D A C H A
W A R N E R
CU 5286
FIGURE 2
TECK EXPLORATION LTD.
MT. ALCOCK PROPERTY
CLAIM MAP
0 1 2 3 km
1 : 75,000

5. PREVIOUS WORK and HISTORY

Regional exploration for sediment-hosted Pb-Zn in northeastern B.C. was generated in the late 1960's due to the recognition of clastic-hosted stratiform baritic sulphide deposits of the West German (Meggen and Rammelsberg) type in the Yukon (MacMillan Pass). The first major program in the Kechika Trough was conducted by Geophoto Consultants in 1970. Exploration was further intensifed by the 1971 discovery of the carbonate-hosted Pb-Zn Robb Lake deposit. In 1974, Placer Development Ltd discovered several Devonian-aged barite-sulphide occurrences including Driftpile Creek (north of Mt. Alcock). The first major discovery, the Cirque (Stronsay) deposit, was made by Cyprus Anvil and Hudson's Bay Oil & Gas in 1977 and contains reserves in excess of 35 million tonnes averaging 10% (Pb + Zn) and 47 g/t Ag.

The Mt. Alcock barite-hosted sulphide occurrence was discovered in 1977 by Cyprus Anvil Mining Company. Grab samples from a 2-3m thick mineralized zone within the barite kill zone returned up to 14.8% combined Pb-Zn and 0.6 opt Ag.

In 1989, the Mt. Alcock area (part of the Kwadacha Recreation Area) was opened for mineral exploration with Triumph Resources, funded by Teck Exploration, becoming the successful bidder. During 1989, Triumph carried out a program consisting of mapping, prospecting, stream sampling; establishing and soil sampling a grid overlying the barite-sulphide showing; conducting 7 km of induced polarization survey over the same grid and testing the down-dip extension of the mineralized zone with nine diamond drill holes totalling 1111 metres. Drilling indicated the main showing area to be structurally complex with one of the best intersections containing 8.8 metres of 9.3% combined Zn-Pb (hole 89-3). Mapping and sampling within Devonian black shales northeast of the main showing revealed nodular barite zones as well as anomalous (Zn-Pb) drainages and soils.

In 1990, Triumph carried out a diamond drilling program totalling 1211.6 metres in six holes. The holes tested IP and geochemical targets (proximal to the main showing) and the down-dip extension of the main showing. No significant massive sulphide intercepts were obtained.

6. 1992 PROGRAM

In 1992, 87 mandays were spent on the Mt. Alcock property between July 15 and August 31. The program consisted of grid installation and soil sampling, a geophysical survey and 1:5,000 geological mapping with concurrent rock chip and stream sampling. Most of the work was carried out within Teck's newly staked claims.

A total of 741 soil samples on 21.5 km of grid line were collected on two grids; the Nod Grid and Seep Grid. Grid locations are shown on Figure 3. In addition, 57 rock chip, 29 moss mat, 5 silt and 6 iron seep samples were collected. A ground gravity survey was carried out over selected portions of the Nod Grid.

Mapping was done with topofil, compass and altimeter. Outcrop exposure on the property is variable, with most of the rock exposure provided along creek drainages.

7. GEOLOGY

A. Regional Geology (Figure 4)

The region (Gataga District) has been mapped on several occassions by the federal and provincial governments since the 1970's. The two most recent mapping projects are 'Geology of the Akie River Ba-Pb-Zn Mineral District' by D. MacIntyre of the B.C MEMPR in 1981 (Preliminary Map 44) and 'Geologic Map of Ware (West 1/2) and Tooddoggone River Map-Areas' by H. Gabrielse of the Geological Survey of Canada in 1979 (Open File Report 483).

This work indicates the Mt. Alcock property area is underlain by Devonian to Ordovician clastic and carbonate rocks. Ordovician stratigraphy consists of black shales to siltstones of the Road River Group. These are unconformably overlain by Silurian Road River Group dolomitic siltstones and limestones. Lower to Middle Devonian limestones of the Road River Group unconformably overlie the Silurian strata. The youngest Devonian unit underlying the claims area is the Middle to Upper Devonian Gunsteel Formation black shales and cherts of the Earn Group. Cambrian sediments are fairly common proximal to the property area (Gataga district). The units (especially the Devonian and Silurian) outcrop in narrow

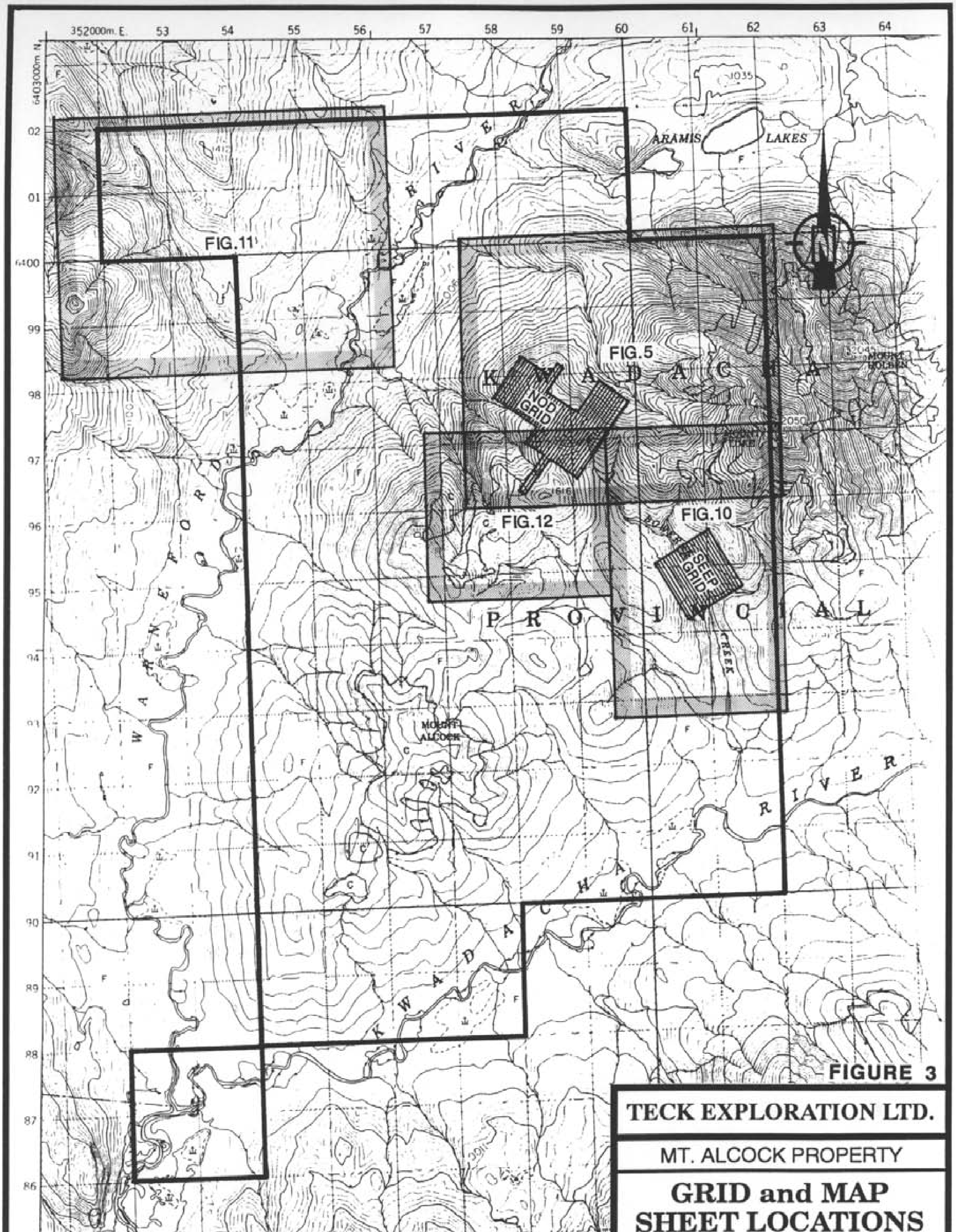
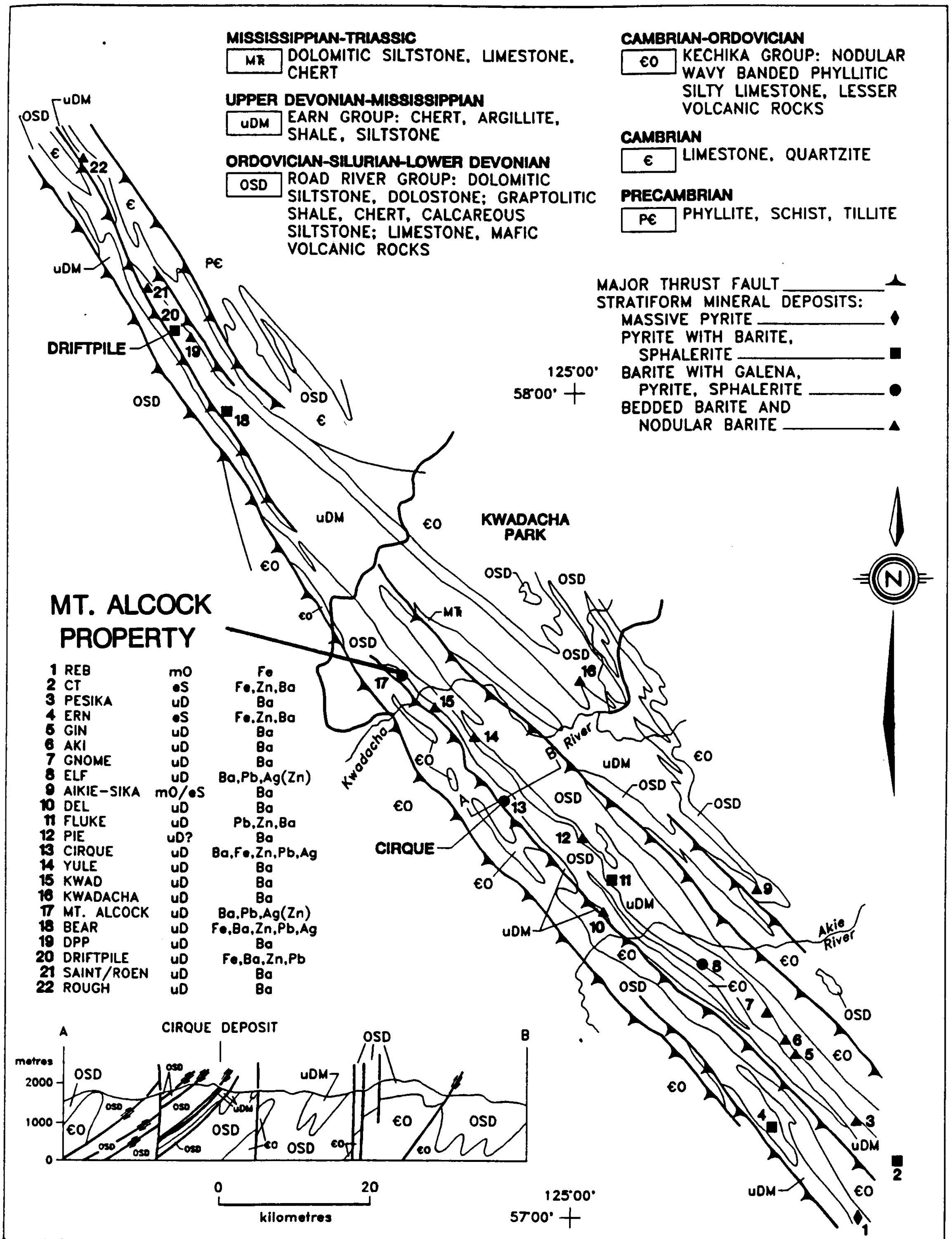


FIGURE 3

TECK EXPLORATION LTD.

MT. ALCOCK PROPERTY

GRID and MAP SHEET LOCATIONS



FROM : MACINTYRE, 1983

TECK EXPLORATION LTD

MT. ALCOCK PROPERTY

REGIONAL GEOLOGY

SCALE : 1 : 800,000	FIGURE : 4

northwest-trending panels bounded by southwest-dipping thrust faults. Precambrian sediments are found 60 kilometres northeast of the Mt. Alcock claims.

Ordovician to Devonian sediments were deposited in structurally controlled, epicratonic extensional basins (Kechika Trough) that formed along the western margin of the miogeocline of ancestral North America. These Paleozoic and older sediments are bounded to the east and west by limestones and shallow water clastics of the Mackenzie and Cassiar Platforms.

The Gataga district is located within the western half of the Rocky Mountain Tectonic Belt and is dominated by the characteristic structural style of this fold and thrust belt. The western margin of this belt is the Rocky Mountain Trench, a zone occupied by a major strike-slip fault zone along which over 450 km of dextral displacement has occurred in Cretaceous or Eocene time (Gabrielse, 1984).

McClay and Insley (1986) recognized three phases of deformation in the district. The dominant deformation is northwest-striking, southwest-dipping and northeast-verging thrust-bounded packages of gently northwest and southeast-plunging chevron to tightly folded and cleaved strata. This was preceeded by an earlier pre-thrusting and pre-main cleavage phase of asymmetric folding on northeast-trending fold axes. These phase one fold hinges contain local cleavage development. All thrusts have been subsequently rotated and steepened during continued deformation by movement on underlying thrusts. The third phase of deformation is late, northeast to east-striking dextral reverse kink-folding. This results in minor folds, dilatant vein systems and minor reorientation of existing structures.

The area surrounding the Mt. Alcock property is host to numerous barite-sulphide mineral showings or occurrences, including Driftpile Creek, Bear, Cirque, Fluke, Pie, Elf, Kwadacha and Sika. The mineral district is over 180 kilometres long and occurs within Devonian basinal facies rocks of the northwest-trending Kechika Trough. The sedex deposits are interpreted to have formed in local, fault controlled, third order basins within the larger epicratonic to intracratonic marine basins (Large, 1983).

B. **Property Geology** *(Figures 5-12)*

The immediate area covering the Mt. Alcock property can be divided into 5 major mappable units (Figures 5-12). All references to 'the claims' refers to the claims worked on by Teck in 1992; predominately the newly staked claims that were added along the eastern and northern edge of the existing claims, north and east of the main Mt. Alcock showing. Coverage of the separate map sheets is shown on Figure 3.

The oldest rocks underlying the property are Ordovician black shales and siltstones and Silurian dolomitic siltstones. The predominately Silurian sediments are mainly exposed within the eastern portion of the property; just east of the Seep grid, and are traceable *north/northwest for 5-6km to the Aramis Lakes area.* The Silurian and Ordovician rocks are in thrust contact with younger Devonian sediments. Ordovician and/or Silurian sediments are also exposed one kilometre southwest of the Seep grid area. Silurian rocks have been identified on the north side of Warneford River, 800 metres southwest of the northwest corner of the claims. Possible Silurian sediments have been identified along Longwok Creek, located two kilometres southwest of the Nod Grid.

A majority of the claims are underlain by Devonian Gunsteel Formation black shales, cherts, siltstones and limestones. Poker chip shale and porcellanite (chert) are the most common rock type, with lesser siltstones and limestones. Limestones are found primarily at the base of the Devonian section on the property, proximal to the thrust contacts with the older Ordovician and Silurian sediments.

Units 1 to 4 (Figures 5 & 6) are described individually.

Unit 1 : Ordovician Black Shale and Siltstone

The oldest Road River Group lithology found on the property is Ordovician black shales and siltstones. Grey to black shales range from totally non-siliceous (soft) to strongly siliceous and cherty. The shales can contain appreciable quantities of silt, as there is a continum between the shales and siltstone. Carbonaceous black shales can be calcareous and strongly cleaved. Ordovician shales often contain characteristically abundant graptolites, especially in the more silty and muddy layers.

Unit 2 : Silurian Dolomitic Siltstone and Limestone

The Silurian Road River Group contains siltstones and limestones. Unit 2a is grey to beige bedded limestone, grey weathering, locally silty and a prominent ridge former.

Unit 2b is a characteristically orange weathering dolomitic siltstone. This ridge forming, locally micaeous, well bedded and grey colored unit is often calcareous and contains local, but uncommon graptolites. A characteristic of the Middle to Late Silurian unit is abundant burrow and grazing trail trace fossils.

Unit 3 : Lower to Middle Devonian Limestone

Unit 3 is a medium grey fossiliferous limestone. It is locally black and silty; usually as thin beds within the thicker bedded limestone. The unit is locally a limestone breccia or conglomerate with predominantly limestone clasts in a limestone to calcareous mud matrix. The fragmental nature is possibly related to debris flows off adjacent limestone reefs.

Unit 4 : Gunsteel Formation

This Middle to Upper Devonian Earn Group unit is comprised of 5 subunits.

Subunit 4a is porcellanite; a grey to black strongly to totally siliceous rock (chert). This competent rock is often phyllitic and can possess a cleavage and megascopic folds. It is often ribbon-banded; 3-5 cm black chert bands with $\leq$ 5mm black shale partings and laminations. The porcellanite is also commonly interbedded with poker chip shale.

A moderate to strongly siliceous black shale; pregnant shale, makes up subunit 4b. It is a carbonaceous, non-calcareous, silvery blue-grey weathering shale. It is a thick bedded, with beds ranging from 2-8cm (mode 4-6cm). It locally contains weak laminated and disseminated pyrite and often contains a fine stockwork of quartz veins. This subunit is distinguished from the other black shales by its thick bedding and moderately to strongly siliceous nature. This is the favourable unit to host barite-sulphide mineralization in the Gataga district.

Subunit 4c, distinctly laminated shale, is grey to black, somewhat silty shale with *distinct rhythmic 0.5-3cm laminations. It is non-siliceous and locally weakly calcareous.* This subunit most likely represents a distal turbidite and is often interbedded with the poker chip shale. It can locally host nodular to massive barite.

The poker chip shale, subunit 4d, is a strongly cleaved, often phyllitic and locally graphitic dark grey to black shale. It is non to weakly siliceous (very soft) and silvery grey weathering. This carbonaceous, often folded and contorted, locally silty and non-calcareous subunit is often rusty and locally contains laminated and disseminated pyrite.
It can be interbedded with the distinctly laminated shales and can host nodular to massive barite.

Nodular to locally massive barite, laterally equivalent to the poker chip and distinctly laminated shales, comprises subunit 4e. The nodular barite is comprised of spherulitic barite nodules ranging from 0.1-5mm in diameter with a 1-3mm modal size. The nodules are circular to ellipsoid depending on the degree of deformation and flattening. Nodular barite constitutes 15-60% of the rock mass and may represent pulled apart laminae of barite. The nodules are often concentrated in discontinuous wavy bands (up to 5mm wide) along bedding. Barite is also locally found as massive beds up to 3m wide. The poker chip and distinctly laminated shales host the nodular and massive barite. The barite nodules may represent the distal equivalent to the stratiform barite-sulphide deposits.

I. **Nod Grid Area** (Figures 5,6,7,8,9)

The Nod Grid area is underlain by the five subunits of the Devonian Gunsteel Formation (Figure 5). Poker chip shale is the most abundant rock type with moderate porcellanite and lesser pregnant shale, nodular barite and distinctly laminated shale exposure.

The general bedding is strikes 120°-150° and dips 30°-50° southwest. A prominent penetrative cleavage found in the shales roughly strikes the same as, or close to bedding, with dips ranging from 60°-80° to the southwest or northeast. Local variations (often in close proximity) in the bedding and cleavage attitudes are due to numerous antiforms, synforms and minor folds. This variation is reflected in the steronet analysis of the structural data. The poles to bedding and cleavage plot into two very loosely scattered groups; the more prominent cluster reflecting the general attitudes listed above and the less populous cluster refecting the northeast dipping limbs of the minor folds. The bedding/cleavage intersection lineations and minor fold axes plot roughly 10°→290°.

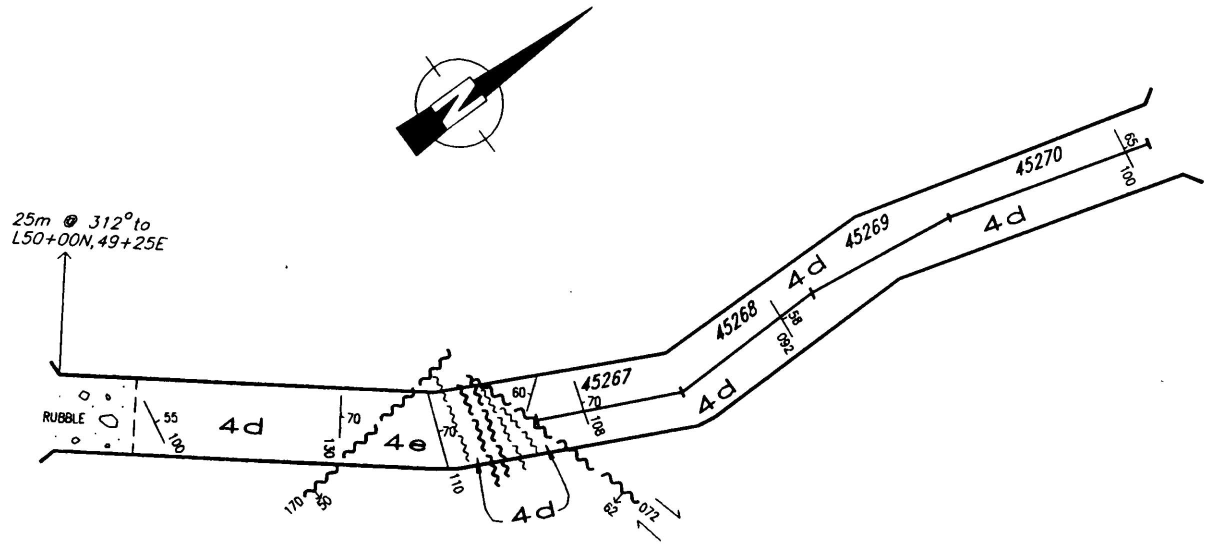
The Nod Grid was established to cover exposures of nodular barite. Nodular barite, up to 25m wide on surface, outcrops intermittently southwest of the baseline from line L38N to L52N. The northwest-trending horizon can be traced almost continuously from L44N to L52N except at L49N where it is apparently offset by a dextral normal-slip fault. A cross-section of L50N depicts this relationship (Figure 7).

Approximately 100m northeast of the main nodular barite horizon lies a narrow and short exposure of nodular between L49N & L50N. Two small hand trenches seven metres apart, and totalling 25m in length, were constructed across the horizon (Figure 6). The barite is exposed up to 3m in width and appears to be fault controlled as the contacts of the barite with the poker chip shale in both trenches are fault zones and the horizon pinches out immediately along strike. This may be explained by the presence of a thrust fault as depicted in the cross-section along L50N (Figure 7). The rocks are consistently northeast-dipping and form the southern limb of a synform. A 600m exposure of barren pregnant shale occupies the axial trace of the synform.

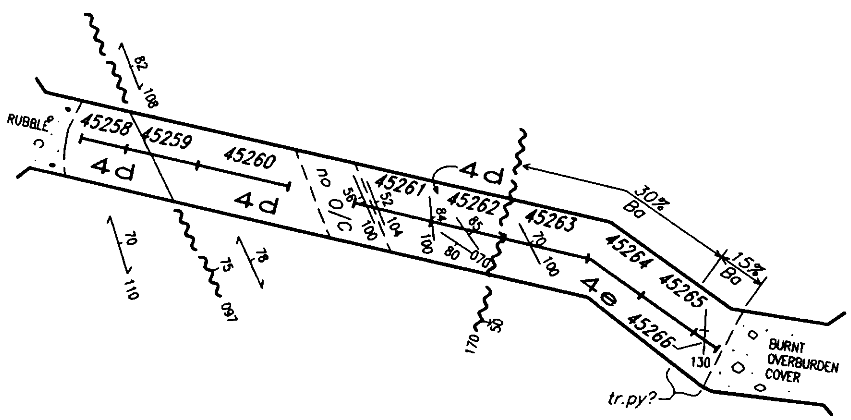
A cross-section along L44N (600m southeast of L50N) further depicts the faulted and folded nature of the area (Figure 8). The favourable pregnant shale lithology is found along L44N from 43+00E to 44+50E and can be traced 700m northwest. It contains numerous small scale folds and faults. The pregnant shale horizon does not contain nodular or massive barite and appears to pinch out to the southeast. Nodular barite, up to 25 metres wide, is found within the poker chip shales and traceable northwesterly to L52N.

A small outcrop of nodular barite is located just off L38N, 46+00E. It is not traceable but appears to be the strike extension of the nodular barite horizon located to the northwest. A cross-section of L38N (Figure 9) indicates a uniformly dipping sequence of black shales and chert with no obvious folds and faults.

A long creek traverse carried out north of the Nod Grid revealed isolated outcrops of poker chip and pregnant shale and porcellanite. Approximately one kilometer north of the grid along a main drainage numerous outcrops of Lower Devonian grey, silty limestone were identified; usually adjacent to a major thrust fault.



TRENCH A-NW



TRENCH A-SE

0 2.5 5
metres

L E G E N D

MIDDLE to UPPER DEVONIAN
LOWER EARN GROUP
GUNSTEEL FORMATION

4d POKER CHIP SHALE
4e NODULAR to MASSIVE BARITE

BEDDING
FOLIATION
FAULT

NOTE: TRENCH WIDTH EXAGGERATED

SAMPLE No	length(m)	Zn ppm	Pb ppm	Ag ppm	Fe %	Cd ppm	Ba ppm
45258	0.6	13	8	0.1	0.35	0.2	1707
45259	1.0	10	9	0.1	0.55	0.2	1830
45260	1.1	10	9	0.1	0.52	0.2	1337
45261	1.0	9	11	0.2	0.46	0.2	2124
45262	1.0	20	11	0.1	0.56	0.2	2734
45263	1.0	3	19	0.1	0.32	0.2	302714
45264	1.0	11	23	0.1	0.29	0.2	314099
45265	1.2	11	32	0.1	0.96	0.2	244827
45266	0.8	6	33	0.1	0.93	0.2	183598
45267	2.0	28	9	0.1	1.24	0.2	4026
45268	2.0	9	9	0.2	0.57	0.2	2008
45269	2.0	20	11	0.6	0.63	0.4	1923
45270	3.0	10	10	0.3	0.76	0.2	2959

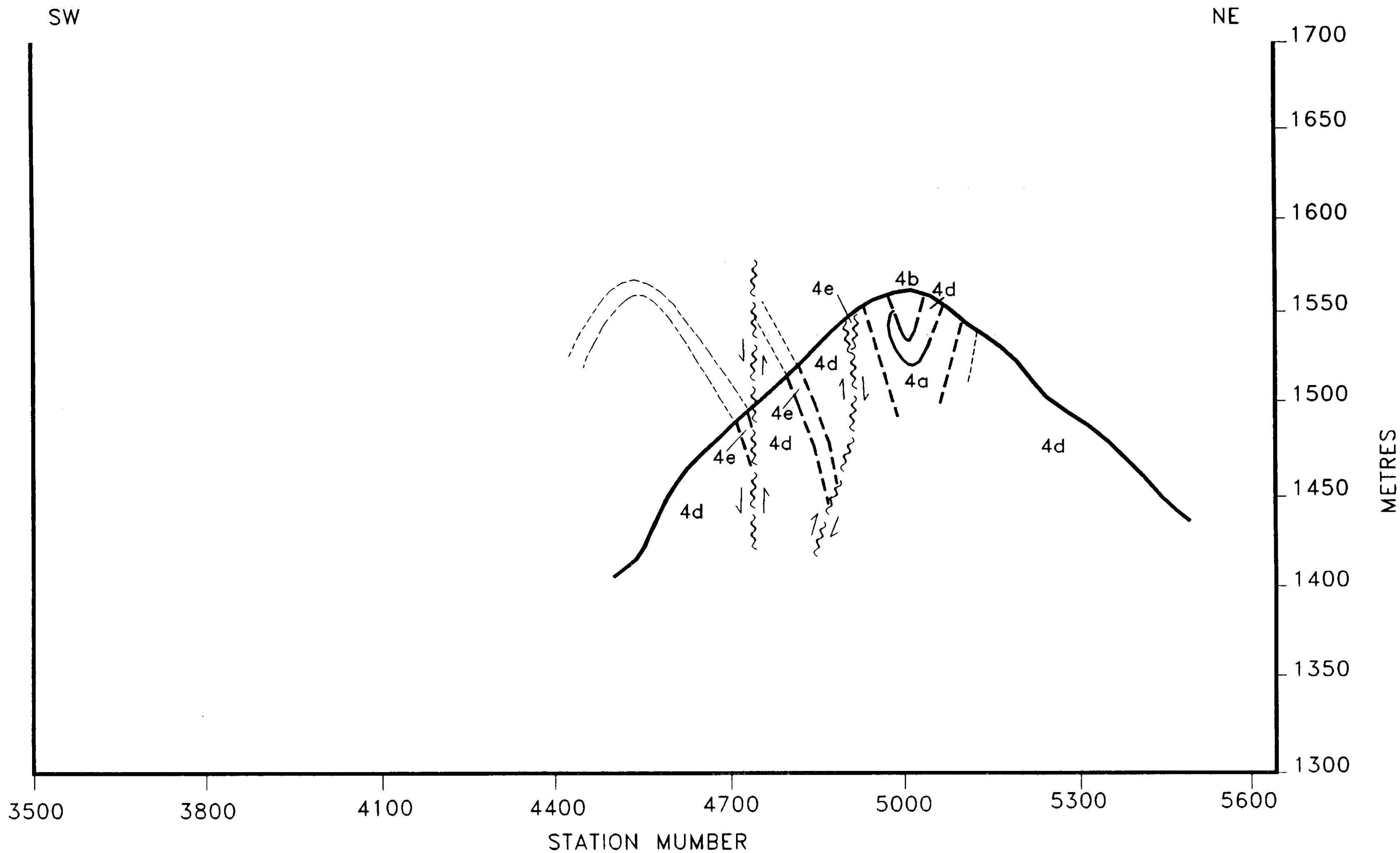
FIGURE 6

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

MT. ALCOCK PROPERTY

NOD GRID
HAND TRENCHES
Geology & Geochemistry

DATE DRAWN: FEB. 2, 1993	SCALE: 1:100	DWG. NAME: ALC-TR1
COMPILED BY: R.F.	JOB No: 1715	
DRAWN BY: S.A.	NTS No: 94F/11	



GEOLOGY

MIDDLE to UPPER DEVONIAN
LOWER EARN GROUP
GUNSTEEL FORMATION

4e	NODULAR to MASSIVE BARITE
4d	POKER CHIP SHALE
4c	DISTINCTLY LAMINATED SHALE
4b	PREGNANT SHALE
4a	PORCELLANITE (CHERT)

SYMBOLS

GEOLOGIC CONTACT

FAULT

0 100 200 300 400 500 m

SCALE: 1:10,000 Vertical Exaggeration 3x

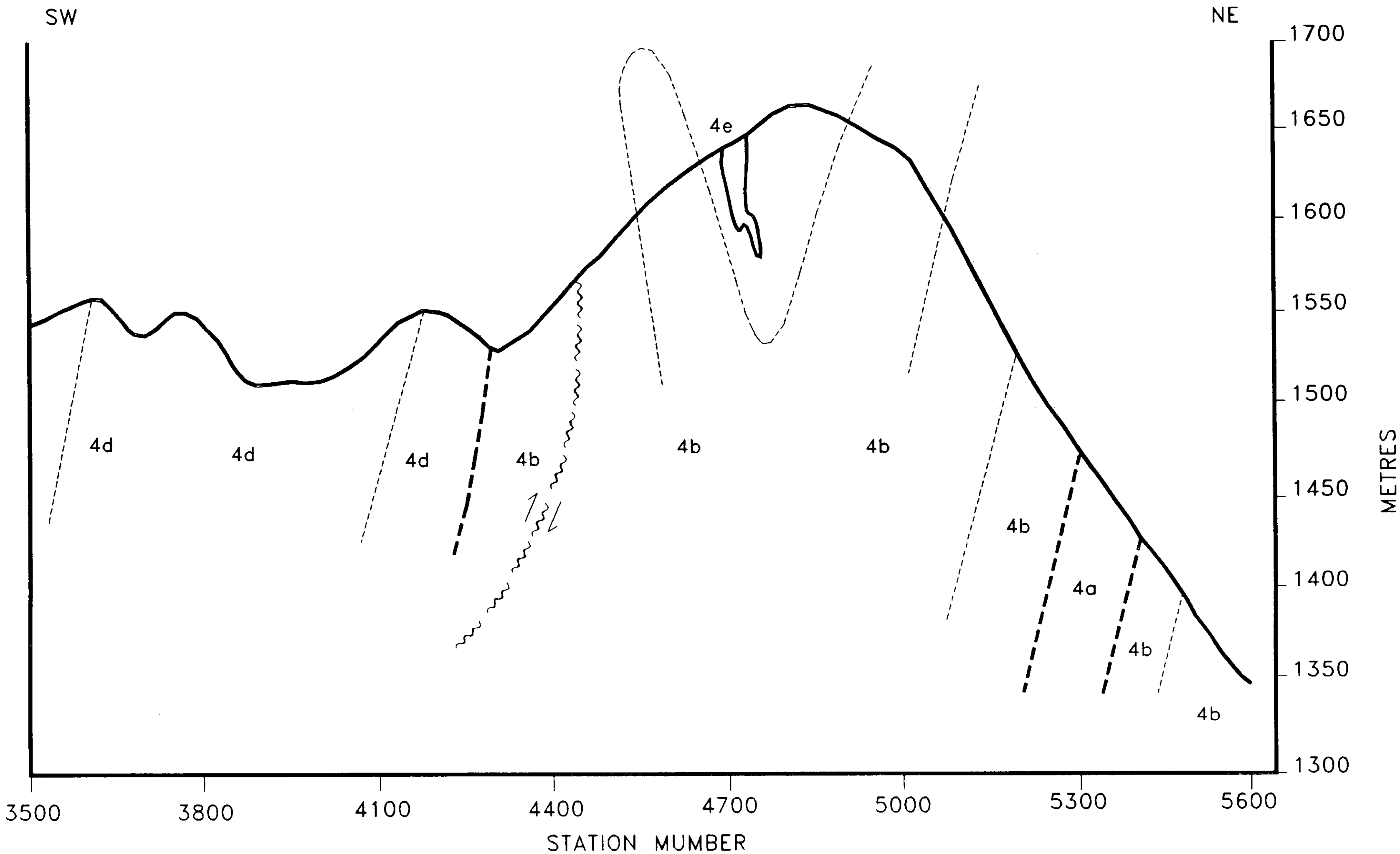
FIGURE 7

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

MT. ALCOCK PROPERTY

NOD GRID
L 50+00 N
CROSS-SECTION

DATE DRAWN: FEB. 9, 1993	SCALE: 1:10,000	DWG. NAME: ALC-L50
COMPILED BY: R.F./S.J.	JOB No: 1715	
DRAWN BY: S.A.	NTS No: 94F/11	



GEOLOGY

MIDDLE to UPPER DEVONIAN
LOWER EARN GROUP
GUNSTEEL FORMATION

4e	NODULAR to MASSIVE BARITE
4d	POKER CHIP SHALE
4c	DISTINCTLY LAMINATED SHALE
4b	PREGNANT SHALE
4a	PORCELLANITE (CHERT)

SYMBOLS

GEOLOGIC CONTACT

FAULT

0 100 200 300 400 500 m

SCALE: 1:10,000 Vertical Exaggeration 3x

FIGURE 8

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

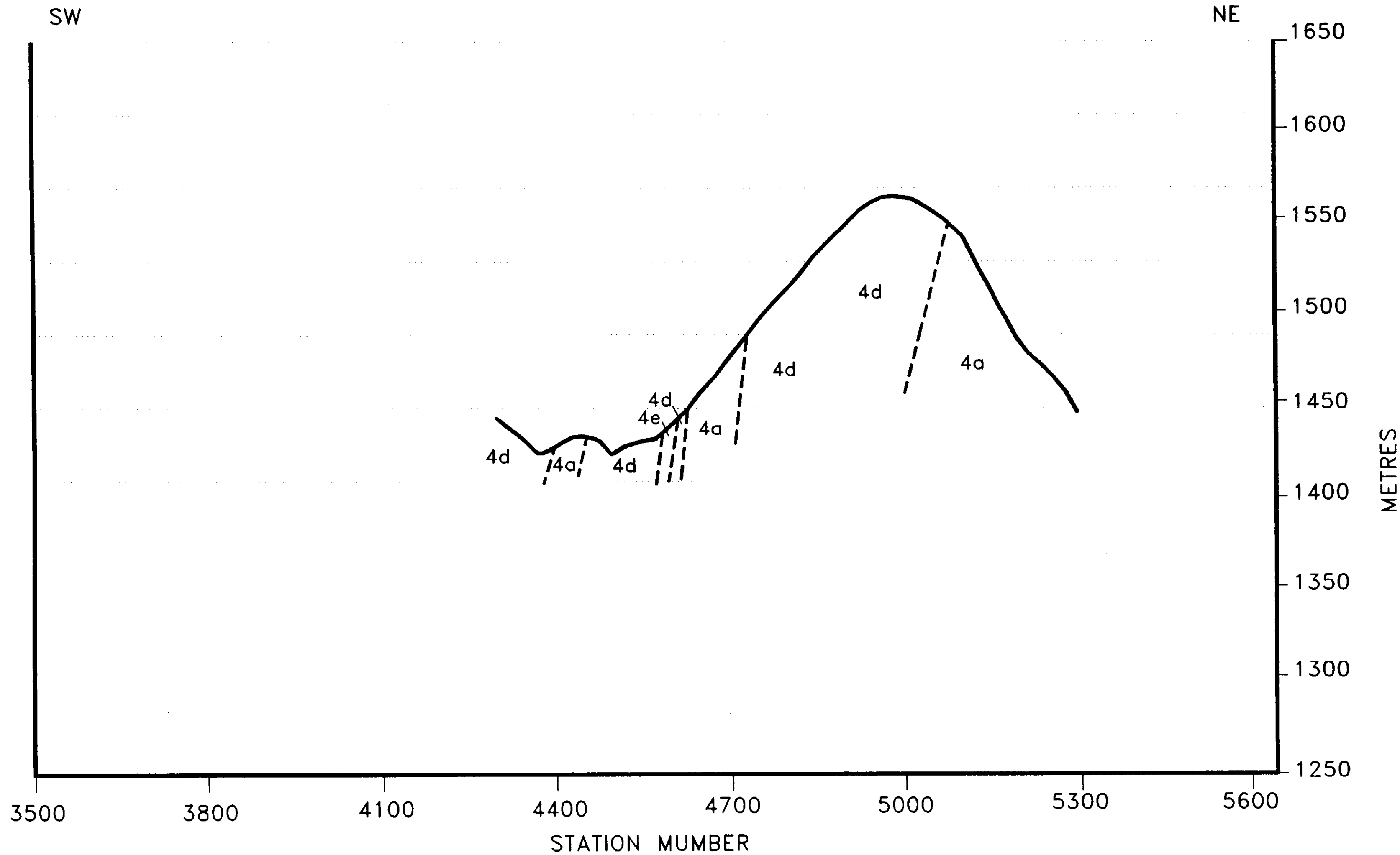
MT. ALCOCK PROPERTY

NOD GRID

L 44+00 N

CROSS-SECTION

DATE DRAWN: FEB. 9, 1993	SCALE: 1:10,000	DWG. NAME
COMPILED BY: R.F./S.J.	JOB No: 1715	ALC-L44
DRAWN BY: S.A.	NTS No: 94F/11	



GEOLOGY

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SYMBOLS

GEOLOGIC CONTACT

FAULT

0 100 200 300 400 500 m

SCALE: 1:10,000 Vertical Exaggeration 3x

FIGURE 9

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

MT. ALCOCK PROPERTY

NOD GRID

L 38+00 N

CROSS–SECTION

DATE DRAWN: FEB. 9, 1993	SCALE: 1:10,000	DWG. NAME: ALC-L38
COMPILED BY: R.F./S.J.	JOB No: 1715	
DRAWN BY: S.A.	NTS No: 94F/11	

II. **<u>Seep Grid Area</u>** *(Figure 10)*

The Seep Grid covers part of a package of recently staked claims that cover the possible southeast strike extension of the nodular barite exposed within the Nod Grid area. Previous work by Triumph Resources outlined numerous zinc stream anomalies in an area just north of the Seep Grid . The Seep Grid area is underlain by Devonian shales, cherts and limestones. The most common lithology is poker chip shale with lesser porcellanite and pregnant shale. The main outcrop exposure is along Bowerheney Creek which roughly parallels the grid baseline. Rocks are quite folded and contorted as extreme strike and dip changes commonly occur over short distances. Stereonet analysis provided similar results as the Nod Grid area, with two scattered groups of pole plots to bedding and cleavages reflecting minor folding and contortion. The bedding/cleavage intersection lineation roughly plots at 10°→300°.

North of the grid along, Bowerheney Creek and a main tributary, poker chip shale and chert predominate with local beds of pregnant shale. Beds consistently strike northwest and dip southwest. Locally, the rocks are highly contorted possibly due to the prescence of a major fault zone traceable two kilometres to the southeast.

At the north end of the grid baseline (L70N) and along Bowerheney Creek, a section of pregnant shale extends 400m southeastward along the creek to L66N. This area is host to a major iron seep. Extreme variations in bedding and cleavage are found within the shales. The contorted nature of the rocks is most likely due to the above mentioned major fault zone. Nodular barite was not discovered in the pregnant or poker chip shales in this area or in any area around the Seep Grid.

The southeast area of the grid contains locally abundant exposures of Devonian limestones and limestone fragmentals exposed in a 50m wide major reverse fault zone that trends 125°-130° and dips 60° to the southwest. Poker chip shales are exposed on either side of the limestones. The limestones are not traceable to the northwest and most likely pinch out against the fault. The fault zone is intermittently traceable two kilometres to the northwest and passes through the major iron seep. The fault zone probably continues to the southeast but no traverses were carried out in that area.

Silurian and/or Ordovician siltstones and silty limestones are found 300-500m east of the Seep Grid and continue north 5-6 km's to the Aramis Lakes area (Figure 5). A thrust contact is assumed between the Devonian sediments of the Seep Grid and the Silurian and/or Ordovician sediments to the east. The assumed thrust contact between the Devonian and older sediments is intemittently traceable to the northern claim area, 5 kilometres to the northwest.

Approximately one kilometre southwest of the Seep Grid, a creek traverse identified Ordovician and/or Silurian silty black shales (Figure 10). The shales are different than any of the Devonian sediments identified within the property. Further downstream Devonian limy, silty black shales and limestones are exposed. A 100 metre exposure of pregnant shales are exposed just below the limestones and shales, along a main drainage.

III. **NW of Warneford River** (Figure 11)

The northwest side of Warneford River covers the possible northeast strike extension of the nodular barite exposed on the Nod Grid. The area is underlain by all of the Devonian Gunsteel Formation subunits. Immediately west of the extreme western edge of the new claims lie two small outcrops of limy Silurian siltstone.

The area is similar to the Seep Grid area; a lot of outcrops are strongly contorted with major fluctuations in strikes and dips occurring over short distances, although the general attitude is again a northwest strike and southeast dip. This is again most likely the result of numerous minor folds and faults, common to the entire Mt. Alcock area.

The northern Warneford area is host to numerous exposures of nodular barite, usually occurring as narrow and local zones within the poker chip and distinctly laminated shale units. Unlike the Nod Grid area, nodular barite was found hosted by pregnant shales in two localities along a main creek drainage.

This area is also host to the only locality of massive barite found within the newly staked claims. The massive barite occurs over a strike length of 350m and is hosted within poker chip and distinctly laminated units. It grades, along strike, from massive barite 10+ metres in thickness at the north end to predominantly shale and silty shale at the southern end. The zone possibly continues to the northwest as massive barite float was found along a creek drainage 1.5km to the northwest. The area between the float and outcrops was not prospected.

IV. Longwok Creek and 1616 Peak Area (Figure 12)

Traverses were carried out along Longwok Creek and creeks south of the 1616 Peak, roughly 1.5 kilometres southwest of the Nod Grid. These creeks contained previously outlined zinc stream anomalies. Upper Longwok Creek revealed abundant exposures of pregnant shale, often brecciated. Approximately one kilometre downstream, pregnant and poker chip shales are well exposed on the east side of the creek. A large outcrop along the west side of the creek, directly across from the pregnant shales, consisted of tan-weathering dark grey shale with local pyrite. It is not known whether the shale is part of the Devonian poker chip unit or the Silurian unit.

The area south of 1616 Peak is underlain predominately by poker chip shale. The overall strike and dip is consistent with the regional attitude; a northwest strike and a southwest dip. A minor synformal structure was identified within the poker chip shales along the southern part of the creek traverse. A 200 metre section of barren pregnant shale is exposed further upstream.

V. Mineralization and Alteration

Fifty seven rock samples were collected during the 1992 Mt. Alcock program. Samples were sent to Acme Analytical Laboratories Ltd. in Vancouver, B.C. and analysed for 29 elements by ICP (Ag,Al,As,B,Bi,Ca,Cd,Co,Cr,Cu,Fe,K,La,Mg,Mn,Mo,Na,Ni,P,Pb,Sb,Sr,Th, Ti,U,V,W,Zn) and Ba by whole rock ICP. In addition, 18 rock samples were analysed for whole rock geochem. A complete list of ICP, geochem Ba and selected geochem whole rock results are included in Appendix III, while rock sample descriptions are provided in Appendix V. Rock samples were 1m chips, where possible, and collected from black shales and cherts. Sample locations and selected results are shown on the respective geology and geochemistry maps; Figures 5,6,10,11,12.

Thirty-two rock samples were collected from the Nod Grid and immediate area. Sample locations and selected results are plotted on Figure 5. A majority of the samples were taken from nodular barite and associated footwall and hanging wall zones with whole rock analysis run on eighteen of the samples. The whole rock analysis shows the nodular barite zones to be highly enriched in barium, highly anomalous in strontium and depleted in silica and aluminum. The nodular barite zones also contain very low zinc, lead and silver values. Two samples were collected from nodular barite exposed around L44N, 47+00E with sample 45206 returning the following results - 29.7% Ba, 1671 ppm Sr, 40.33% SiO_2, 2.92% Al, 19 ppm Pb, 7 ppm Zn and 0.1 ppm Ag. The hanging wall and footwall results are nearly identical to each other with a typical result being 4671 ppm Ba, 62 ppm Sr, 77.14% SiO_2, 11.19% Al, 19 ppm Pb, 34 ppm Zn and 0.3 ppm Ag (sample 45209; a footwall poker chip shale sample of the L44N nodular barite zone).

Similar results occur within the small nodular barite zone exposed by the two hand trenches (Figure 6). A chip through the nodular barite zone ran 31.4% Ba, 1251 ppm Sr, 38.45% SiO_2, 2.44% Al, 23 ppm Pb, 5 ppm Zn and 0.1 ppm Ag (sample 45264) while a chip through the poker chip shale hanging wall returned 4026 ppm Ba, 51 ppm Sr, 85.43% SiO_2, 5.19% Al, 9 ppm Pb, 28 ppm Zn and 0.1 ppm Ag (sample 45267).

Similar ICP results (whole rock analysis was not done) were obtained from poker chip shale footwall and hanging wall rock samples (#'s 45201,45202,45203,45257) collected around the nodular barite exposed at 47+00E from L47N to L49N.

Three rock samples were collected from the favourable pregnant shale within the Nod Grid area. A sample from the pregnant shale exposed along the baseline returned weakly anomalous base metal and indicator element values. A sample (45254) collected from weakly pyritic pregnant shale exposed along L44N, 43+00E returned a weakly anomalous zinc value of 224 ppm Zn. A sample from the same pregnant shale zone located 650 metres to the northwest again returned a very weakly anomalous zinc value of 198 ppm Zn (sample 45202).

A chip sample (45205) through a poker chip shale with porcellanite bands, located 300m northwest of L48N-40+00E, returned one of the highest zinc values in 1992; 908 ppm Zn. The sample also returned anomalous sedex indicator element values of 13.1 ppm Cd and 235 ppm V. A rusty poker chip shale sample (45217) 200m northeast of baseline 50+00E and between L44N & L50N returned a weakly anomalous zinc value of 236 ppm Zn. Additional samples collected from poker chip shale and porcellanite within and proximal to the Nod Grid returned subanomalous base metal and sedex indicator element values.

The Seep Grid contained the most abundant pyrite found during the 1992 program. Sample locations and selected results are plotted on Figure 10. Laminated pyrite in bands up to 0.8cm wide were found in zones up to one metre wide within pregnant shales. No base metals were observed. The best exposures are along Bowerheney Creek within the Seep Grid and proximal to the major iron seep. Three samples were collected from the laminated pyrite zones and returned subeconomic base metal values.

A chip through rusty porcellanite located 500 metres south of the Seep Grid returned anomalous sedex indicator results of 10.3 ppm Cd and 174 ppm V (sample 45227). A chip across a rusty fault zone, 200 metres south of sample 45227, separating porcellanite and limestone returned the highest base metal values obtained during the 1992 program with sample 45275 returning 1787 ppm Pb, 2028 ppm Zn, 4.3 ppm Ag, 6.8 ppm Cd, and 164 ppm V.

A chip through a rusty chert with pregnant shale beds, located seven hundred metres north of the Seep Grid, returned anomalous values of 1051 ppm Zn, 7.3 ppm Cd and 143 ppm V. A similar sample (45229) 150 metres south returned subanomalous values from a weakly pyritic chert/pregnant shale.

Three rock samples collected from poker chip and pregnant shales located south of the 1616 Peak and one collected from a pyritic dark grey shale in upper Longwok Creek returned subeconomic base metal values. Sample locations and selected results are plotted on Figure 12.

A total of thirteen rock samples were collected from the northwest Warneford River area. Sample locations and selected results are plotted on Figure 11. The samples were collected predominantly from nodular barite zones within poker chip, distinctly laminated and pregnant shales. The nodular barite samples returned up to 26% barium (sample 45242) with no elevated base metal or sedex indicator element results returned from any of the samples. Two samples (45289 & 45290) were collected from massive barite; one from outcrop and one from float. Both returned very high barium (39% & 48% respectively) with subanomalous base metal results.

In summary, the sampled Devonian black shales (± barite) are not elevated in zinc, lead and silver and contain only local concentrations of stratiform pyrite. In addition, the shales were found to be silica-rich (averaging 75% to 85% SiO_2), carbon-rich, iron-poor and enriched in barium (averaging 500-1000 ppm Ba) with respect to comparable pelagic sediments. This is consistent with the regional trend of the Gunsteel Formation rocks found in the Gataga district. Regionally, elevated base metal (Zn-Pb) values are found only very proximal to the barite-sulphide deposits in the Gataga district.

The abundance of nodular barite and local massive barite is a positive indicator of a favourable depositional environment for sedex deposits.

No significant alteration was noted within the black shales.

8. SOIL GEOCHEMISTRY (Figures 13-18)

Two soil grids were established and sampled during the 1992 program; the 'Nod Grid' and the 'Seep Grid'. Grid locations are shown on Figure 3. A total of 741 soils on 21.5 km of line were collected within the two grids. Samples were sent to Acme Analytical Laboratories Ltd. in Vancouver, B.C. and analysed for 29 elements by ICP (Ag,Al,As,B,Bi,Ca,Cd,Co,Cr,Cu, Fe,K,La,Mg,Mn,Mo,Na,Ni,P,Pb,Sb,Sr,Th,Ti,U,V,W,Zn) and Ba by whole rock ICP. Soil samples were collected using a shovel from the 'B' horizon, which generally occurred at a depth of 20-40 centimetres. All soils were collected in Kraft bags and allowed to air dry before shipment to the lab. Certificates of analyses are included in Appendix III and complete soil sample descriptions are provided in Appendix VI.

A. Nod Grid

The Nod Grid covers nodular barite exposures within Devonian stratigraphy (Figure 5). Several anomalous zinc soil results from Triumph's previous work are located within the grid. Sixteen grid lines at 045° were established from L38+00N to L56+00N for a total distance (including the baseline) of 15.6 km. Eleven hundred metres of line were not soil sampled and established for use in the subsequent gravity survey. Lines are 100m apart, except for three 200m spaced lines, with samples collected every 25m (50m intervals on two lines) along the 500m to 1.5km long lines.

I. **Results** *(Figures 13-15)*

Results from the Nod Grid geochemical survey including contour maps for zinc (ppm), lead (ppm) and barium (ppm) are shown on Figures 13,14 & 15, respectively. Contour intervals for zinc (750,1000 ppm) were determined by visual analysis of the data, the background value being roughly 200 ppm. The zinc geochemistry plot (Figure 13) reveals spotty anomalous zinc values. A six-point anomaly exists between L44N and L43N at 43+00E to 44+00E with values up to 1119 ppm Zn (L44N,43+50E). The anomalous zone corresponds to the location of favourable pregnant shale. Several one and two-point zinc anomalies exist along strike of the pregnant shale, 300 metres to the northwest along L47N, 42+75E to 44+25E. The maximum zinc soil value obtained during the survey was 6888 ppm Zn at 43+50E on L47N. Interestingly, the line between the anomalies (L46N) does not contain any elevated zinc soil values. Several one and two-point zinc soil anomalies are found north of the baseline between L40N and L43N. Spotty zinc values to 2312 ppm Zn are found within areas of little or no outcrop.

The soil geochemical plot for lead (Figure 14) is somewhat similar to zinc. Contour intervals (100,200,400 ppm) were again determined visually with a background of roughly 30-40 ppm lead. An anomalous zone (values up to 484 ppm Pb) exists between L44N and L47N at 43+00E to 44+00E. This correlates with the anomalous zinc zone and pregnant shales outlined above. The only other anomalous lead soil zone is found near the southern end of lines 45N to 47N. Values are only weakly anomalous and are located proximal to a stream with no outcrop located nearby.

Silver soil geochemical values are consistently low and contain local, weak anomalies usually associated with elevated zinc or lead values. As a result a silver soil profile map was not constructed.

Anomalous cadmium soil values and local clusters are associated with enhanced zinc values. Examples of this correlation include L47N , 43+50E - 36.9 ppm Cd and 6888 ppm Zn; L43N , 54+00E - 36.9 ppm Cd and 1740 ppm Zn; L56N , 49+50E - 52.9 ppm Cd and 759 ppm Zn. Due to the spotty nature of the anomalous cadmium soil values, a profile map was not constructed.

Manganese and vanadium soil values are similar to silver; there are local anomalies *throughout the grid, usually correlative with elevated zinc and/or lead values.* Examples of this spotty association include L44N,43+00E - 822 ppm Mn & 125 ppm Pb; L44N,45+25E - 1591 ppm V & 936 ppm Zn; L47N, 43+50E - 649 Mn, 6888 ppm Zn & 455 ppm Pb; L46N,41+00E - 1052 ppm V & 1046 ppm Zn. Due to the spotty nature of manganese and vanadium values, profile maps were not constructed.

The barium geochemical plot is shown in Figure 15. Background barium values are consistently high (similar to high background barium found within the black shale rock samples) with a background value estimated at 1500 ppm Ba. Contour intervals were again estimated visually and determined to be 10,000 ppm and 100,000 ppm respectively. A main anomalous zone correlates quite well with the location of nodular barite outcrops. Barium soil values up to 14% Ba were returned. The anomalous zone extends from L44N to L50N around 43+00E and again from L49N to L54N centered around 48+00E. The offset in the anomaly corresponds to the assumed location of a dextral normal-slip fault. A three-point barium anomaly along L38N, 44+75E to 45+25E corresponds to outcropping nodular barite. Three one or two-point barium anomalies are found north of the baseline between lines 40N and 43N. They may be caused by local nodular barite zones (not found due to lack of outcrop) within black shales.

In summary, the most interesting base metal soil anomalies found within the Nod Grid are located between L43N and L44N. The coincident zinc and lead anomalous zone corresponds to favourable pregnant shale outcropping. In addition, sedex indicator elements including cadmium, manganese and vanadium are elevated within the same zone as the coincident zinc and lead. The strongly anomalous barium soil results are directly correlative with the exposures of nodular barite found within the grid.

B. Seep Grid

The Seep Grid covers the major iron-seep exposed along Bowerheney Creek and laminated pyrite found within pregnant black shales along the creek (Figure 10). In addition, zinc silt anomalies were identified upstream from the grid by previous workers. The grid is comprised of six, 1km long lines (L60+00N to L70+00N) for a total distance of 7.0km (including the baseline). A total of 245 soils were collected along the 060°-trending, 200m spaced lines.

I. **Results** (*Figures 16-18*)

Results from the soil survey conducted over the Seep Grid are encouraging. Zinc (Figure 16) and lead (Figure 17) anomalous thresholds were determined visually from the data. The background for zinc was roughly 300 ppm, thus contours of 500, 1000, 2000 and 4000 ppm were used. The background for lead was determined to be roughly 35 ppm and contours of 100, 200 and 300 ppm were utilized.

The zinc soil geochemical results outlined several anomalous zones (Figure 16). A large zinc anomaly exists from the east portion of L60N and trends northwest to L68N with values to 4716 ppm Zn. This anomaly may be explained by the large northwest-trending fault zone outlined by mapping (Figure 10). The zinc anomaly trends toward the eastern edge of L64N & L66N, 100-200 metres away from the main fault zone projection. This may be explained by the presence of secondary faults or splays. A three-point anomaly exists from L70N, 61+00E to L66N, 62+50E with a maximum value of 4586 ppm Zn at L68N, 61+25E. This zone is also most likely related to the above mentioned fault zone. A single point zinc anomaly exists at L60N, 62+25E (4672 ppm) and may be related to the fault zone. A weak zinc anomaly runs roughly parallel to B/L 60+00E from L60N to L66N. It overlies Devonian black shales, and more specifically, over pregnant shales containing stratiform pyrite from L68N to L70N.

Another anomalous zone in zinc is found from L60N at the B/L to L66N, 56+50E. Zinc values to 3377 ppm occur within this northwest-trending zone and may be related to a limestone - porcellanite contact zone. The contact is a fault zone 700 meters southeast of the grid with values of 1787 ppm Pb, 2028 ppm Zn, 4.3 ppm Ag, 6.8 ppm Cd, 164 ppm V and 3736 ppm Ba in a one metre rock chip (sample 45275). Although the fault zone was not identified within the Seep Grid, it may be the cause of the anomaly. Two additional zinc anomalies are outlined on the grid, a three-point anomaly between L60N, 57+75E to 58+00E and L60N, 55+75E and a three-point anomaly between L62N, 56+00E to 56+25E and L62N, 58+00E.

The lead soil geochemical profile identified several anomalous zones (Figure 17). The most prominent zone is coincident with the anomalous zinc zone from L60N at the B/L to L66N, 56+50E. Lead values to 349 ppm are outlined within the zone that may be related to a faulted limestone-chert contact zone. However, regionally, elevated lead values in the Gataga area are favourable indicators of possible massive sulphide systems. Therefore, a possibility exists that the anomalous lead soil values could indicate a massive sulphide source intersected by a fault. The highest lead value (857 ppm) is a single-point anomaly coincident with the single-point zinc anomaly of 4672 ppm found along L60N at 62+25E. This coincident anomaly may be related to the main fault zone. Several other single- point weak lead soil anomalies were identified within the grid, two coincident with zinc anomalies. One anomalous lead sample was contained within the anomalous zinc zone trending along the baseline, the other at L62N, 58+00E.

The cadmium soil geochemical profile outlined several anomalous zones (Figure 18). Almost all of the anomalies are coincident with anomalous zinc zones. Other associated sedex indicator elements including manganese, vanadium and phosphorous are locally anomalous. The local highs of these elements (up to 0.634% P, 2950 ppm V, 2337 ppm Mn) as well as silver (up to 4.2 ppm) are almost directly correlative with elevated zinc and/or lead values. Therefore, individual soil profile maps of these elements are not constructed. The coincidence of anomalies is clearly demonstrated in the following soil locations; L60+00N, 62+25E - 857 ppm Pb, 4672 ppm Zn, 1.3 ppm Ag, 775 ppm Mn, 25.7 ppm Cd, 272 ppm V and 0.634% P; L62+00N, 56+25E - 30 ppm Pb, 2794 ppm Zn, 3.9 ppm Ag, 259 ppm Mn, 60.8 ppm Cd, 2455 ppm V and 0.185% P; and L62+00N, 63+75E - 42 ppm Pb, 4716 ppm Zn, 4.2 ppm Ag, 273 ppm Mn, 43.5 ppm Cd, 2950 ppm V and 0.151% P. In addition, locally elevated nickel (up to 934 ppm), strontium (up to 613 ppm) and iron (up to 10.62%) are associated with elevated zinc and/or lead. The barium soil values consistently range from 1000-4000 ppm Ba with a rough average of 1500 ppm. Local, sporatic anomalies (up to 47,669 ppm Ba) are found within the Seep Grid soil survey.

In summary, coincident zinc and lead anomalies are outlined within the Seep Grid. A majority of the anomalies are most likely related to northwest-trending fault zones. Several of the anomalies remain unexplained, including the coincident anomalous lead-zinc zone from L60N at the baseline to L66N, 56+50E. In addition, associated sedex indicator elements including cadmium, manganese, vanadium, phosphorous and silver are locally anomalous and almost always coincident with elevated zinc and/or lead values.

9. STREAM SAMPLES (Figures 5,10,11,12)

A total of 40 stream samples were collected, including 29 moss mat, 5 silt and 6 iron-seep. Samples were sent to Acme Analytical Laboratories Ltd. in Vancouver, B.C. and analysed for 29 elements by ICP (Ag,Al,As,B,Bi,Ca,Cd,Co,Cr,Cu,Fe,K,La,Mg,Mn,Mo,Na, Ni,P,Pb,Sb,Sr,Th,Ti,U,V,W,Zn) and Ba by whole rock ICP. Stream sample collection was concentrated in areas not previously sampled by Triumph Resources. Sample locations and Zn(ppm), Pb(ppm), Ag(ppm), Fe(%), Cd(ppm) and Ba(ppm) results are shown on Figures 5,10,11,12.

Only five stream samples were collected from the Nod Grid area as most of the drainages were previously sampled (Figure 5). One sample (M45251) was collected just east of L38+00N and returned low results. The remaining stream samples were collected northeast of the baseline between L42+00N and L50+00N. Values up to 1451 ppm Zn, 15.1 ppm Cd and 9380 ppm Ba were obtained indicating minor enrichment in barium and zinc.

Eight stream samples were collected in the immediate Seep Grid area with many more collected in the surrounding area (Figure 10). The Seep Grid is named for the major iron-seep that occurs along Bowerheney Creek between L68+00N and L70+00N. A sample from the spectacular iron seep (S45234) returned 12967 ppm Zn. Two minor iron-seeps located 200 metres upstream (S45230 & S45231) returned up to 4076 ppm Zn and 46.2 ppm Cd. However, associated lead and silver values for all three seeps are very low in addition to relatively low barium values (to 1928 ppm). Regional work carried out in the Gataga district since the 1970's has included numerous sampling of iron-seeps and concluded that unless there is associated elevated lead values the seeps are of little interest and probably related to fault zones. The iron-seeps that occur along Bowerheney Creek are most likely related to faulting and the presence of a major fault zone through the area has been previously inferred. Five additional moss mat stream samples collected in the grid and immediate area returned similar results (to 8923 ppm Zn, 92 ppm Pb, 39.2 ppm Cd and 5622 ppm Ba) and most likely are related to faulting. Sample M45249, collected from a tributary of Bowerheney Creek just upstream from the laminated pyrite exposures and draining the favourable coincident lead-zinc soil anomaly, returned the highest lead value, 92 ppm along with 1637 ppm Zn.

Four moss mats collected from streams draining Silurian to Ordovician stratigraphy east of the Seep Grid returned comparatively low zinc, lead, silver, cadmium and barium results (Figure 10). A sample collected from an iron-seep (S45240) south of Aramis Lakes (4 kilometres north of the Seep grid and 3 kilometres northeast of the Nod grid) returned similar results (Figure 5).

Two moss mats were collected 700 metres south of the Seep Grid (Figure 10). Sample M45226, from Bowerheney Creek, returned 1055 ppm Zn, 30 ppm Pb, 6.4 ppm Cd and 16483 ppm Ba. A moss mat sample from a tributary of Bowerheney Creek (M45274) returned 2612 ppm Zn, 209 ppm Pb, 20.8 ppm Cd and 1958 ppm Ba. The sample was collected just downstream from a fault zone which returned strongly anomalous zinc and lead from a rock sample (45275). Thus the elevated lead in the moss sample is likely attributed to the upstream anomalous fault zone.

Four stream samples were collected south of the 1616 Peak area, 1.5 kilometres west of the Seep Grid and 2 kilometres south of the Nod Grid (Figure 12). A moss mat sample (M45219) collected from a tributary returned 13272 ppm Ba and likely reflects drainage from ground underlain by nodular barite, although not identified from mapping. Sample ST45221, a silt from another tributary returned a weakly anomalous 2072 ppm Zn and 18 ppm Pb. A sample from an iron-seep zone (3-4 total seeps) located just south of the 1616 peak returned 1021 ppm Zn but again very low lead, 2 ppm (S45225).

A silt and an iron seep sample were collected from upper Longwok Creek. The iron-seep (ST45273) returned high zinc (4283 ppm) but again returned a low lead (6 ppm) value (Figure 12).

Thirteen stream samples were collected from the northwest side Warneford River area; an area with no previous recorded sampling (Figure 11). Results of the stream sampling were mixed. Zinc values to 2712 ppm (M45237) were obtained, however associated lead, silver and sedex indicator elements were low, the maximum values obtained were 50 ppm Pb, 1.0 ppm Ag and 13.4 ppm Cd. Barium values are quite high as might be expected from the numerous nodular barite zones underlying the area. The maximum barium value obtained was 50763 ppm (M45248).

In summary, stream sampling conducted throughout the claims resulted in local anomalies in zinc and barium. The zinc anomalies, however, did not have corresponding elevated lead values except for moss mat M45249 collected from the Seep Grid and draining the coincident anomalous lead-zinc soil zone. This was true of the iron-seeps, mosses and silts. In addition, the associated sedex indicator elements, including cadmium and manganese, were only locally and weakly anomalous.

10. GRAVITY SURVEY - NOD GRID

A limited gravity survey (using a Lacoste & Romberg gravity meter) was carried out over selected portions of the Nod Grid. In total, 4.1 line-kilometres over three lines (L38+00N, L44+00N & L50+00N) were surveyed with readings taken every 25m. Appendix VII lists field procedures and specifications of the gravity and elevation surveys.

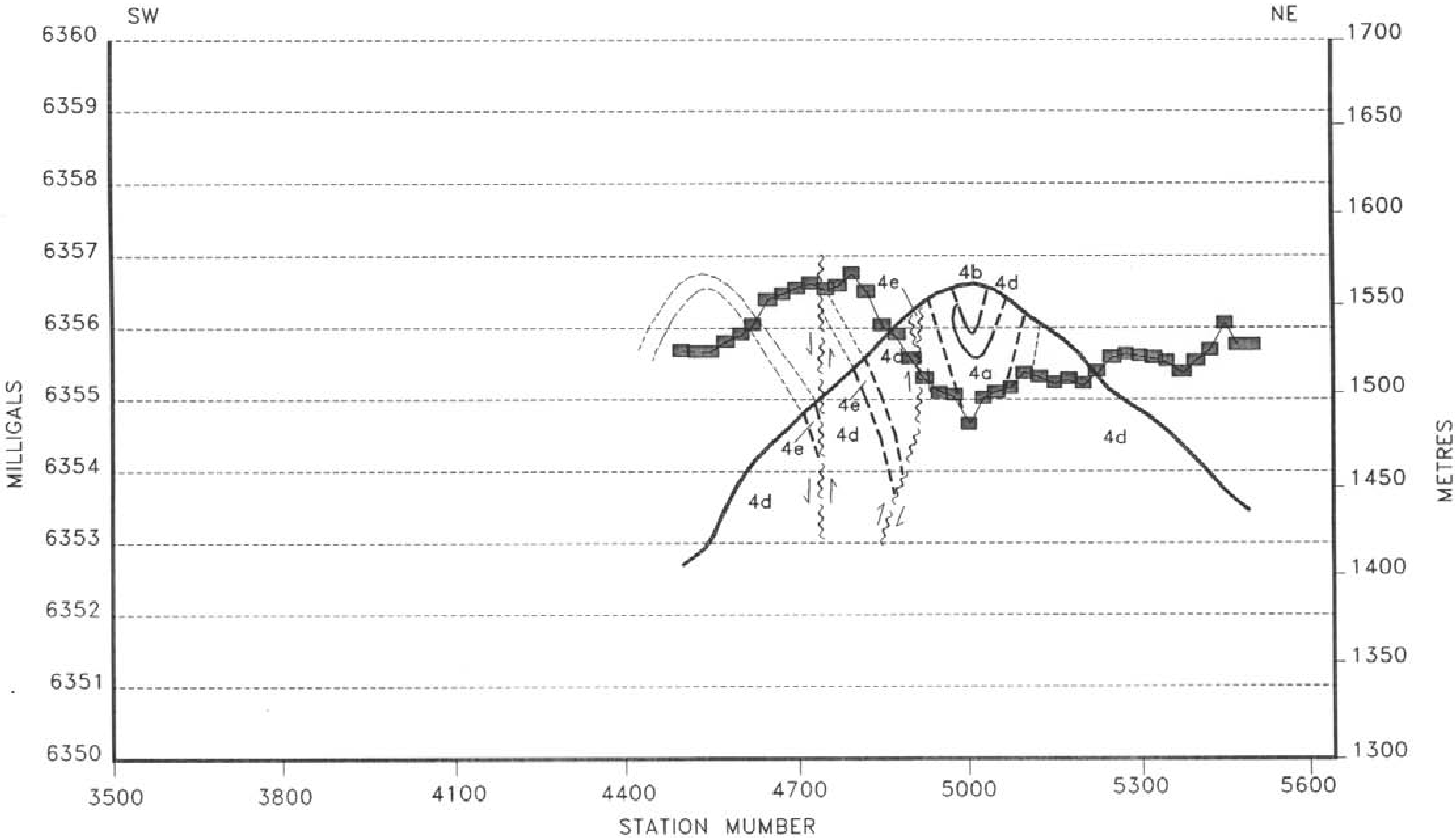
The following interpretations of the three lines were made by Al Wynne, geophysicist of Terra Surveys Ltd, who was contracted to interpret the gravity data. Assumed densities used were nodular barite 4.0 g/cc, pregnant shale 2.3 g/cc, black chert (porcellanite) 2.7 g/cc and poker chip shale 2.1 g/cc. Gravity line profiles along with accompanying geology are plotted on Figures 19, 20 and 21.

I. L50+00N (Figure 19)

"This line is quite short, making regional trends difficult to account for. It is possible to visualize an anomaly of about 0.75 milligals centered at 47+50E. However, comparison with L44+00N and replotting of the data at a vertical scale of 0.1 milligal/cm indicates two anomalies, 0.2 milligals at 46+25E-47+00E and a one point anomaly of 0.1 milligals at 48+00E."

"Computer modelling of these anomalies indicate the 46+25E-47+00E anomaly can be caused by a unit of density contrast 1.0 g/cc with dimensions of width 25m length 100m depth 100m. The anomaly at 48+00E can be related to a unit of density contrast 1.0 g/cc with dimensions of width 10m, length 100m, depth 100m."

"These anomalies correspond to the known nodular barite showings, however put stronger emphasis on the 46+75E showing. Keeping in mind that a larger anomaly is possible the depth extent of this anomaly may be greater than interpreted."



GEOLOGY

MIDDLE to UPPER DEVONIAN

LOWER EARN GROUP

GUNSTEEL FORMATION

- 4e NODULAR to MASSIVE BARITE
- 4d POKER CHIP SHALE
- 4c DISTINCTLY LAMINATED SHALE
- 4b PREGNANT SHALE
- 4a PORCELLANITE (CHERT)

SYMBOLS

- BOUG @2.1
- GEOLOGIC CONTACT
- FAULT

0 100 200 300 400 500 m

SCALE: 1:10,000 Vertical Exaggeration 3x

FIGURE 19

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

MT. ALCOCK PROPERTY

NOD GRID

L 50+00 N

GRAVITY SURVEY

DATE DRAWN: FEB. 9, 1993	SCALE: 1:10,000	DWG. NAME:
COMPILED BY: R.F./S.J.	JOB No: 1715	ALC-50G
DRAWN BY: S.A.	NTS No: 94F/11	

II. **L44+00N** (Figure 20)

"This regional line (2.1 km) is dominated by terrain effects over the crest of the knob centered within the grid. This effect could be compensated for, however, any very small deviations off the trend and would be masked. It is better to look at the raw data, keeping in mind the terrain effects. Both topographic highs and topographic lows effect the data by lowering the Bouguer values. Any short wavelength positive anomalies can be related to surface geology (the result of topographic corrections is to emphasize deep seated structures, ie. oil exploration)."

"The geology of the section consists of poker chip black shale with one thin section of pregnant shale and one thin section of black chert."

"The sections of pregnant shale and black chert exhibit residual anomalies of about 0.75 milligals, indicating positive density differences from the poker chip shale of about 0.4 g/cc."

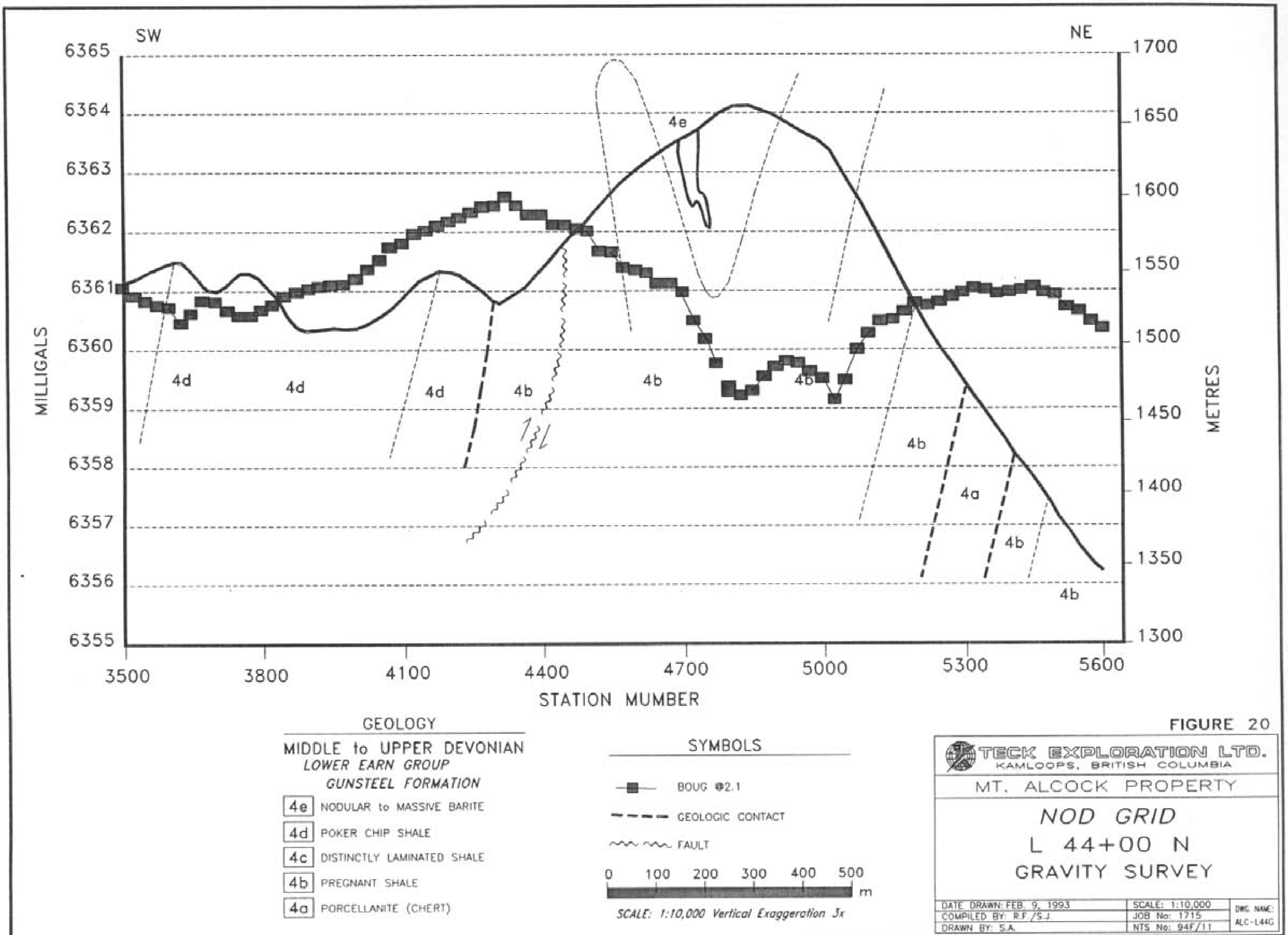
"The nodular barite showing has a signature of less than 0.1 milligals and would not be located without prior knowledge. This indicates very limited extent as the density contrast should be about 1 g/cc."

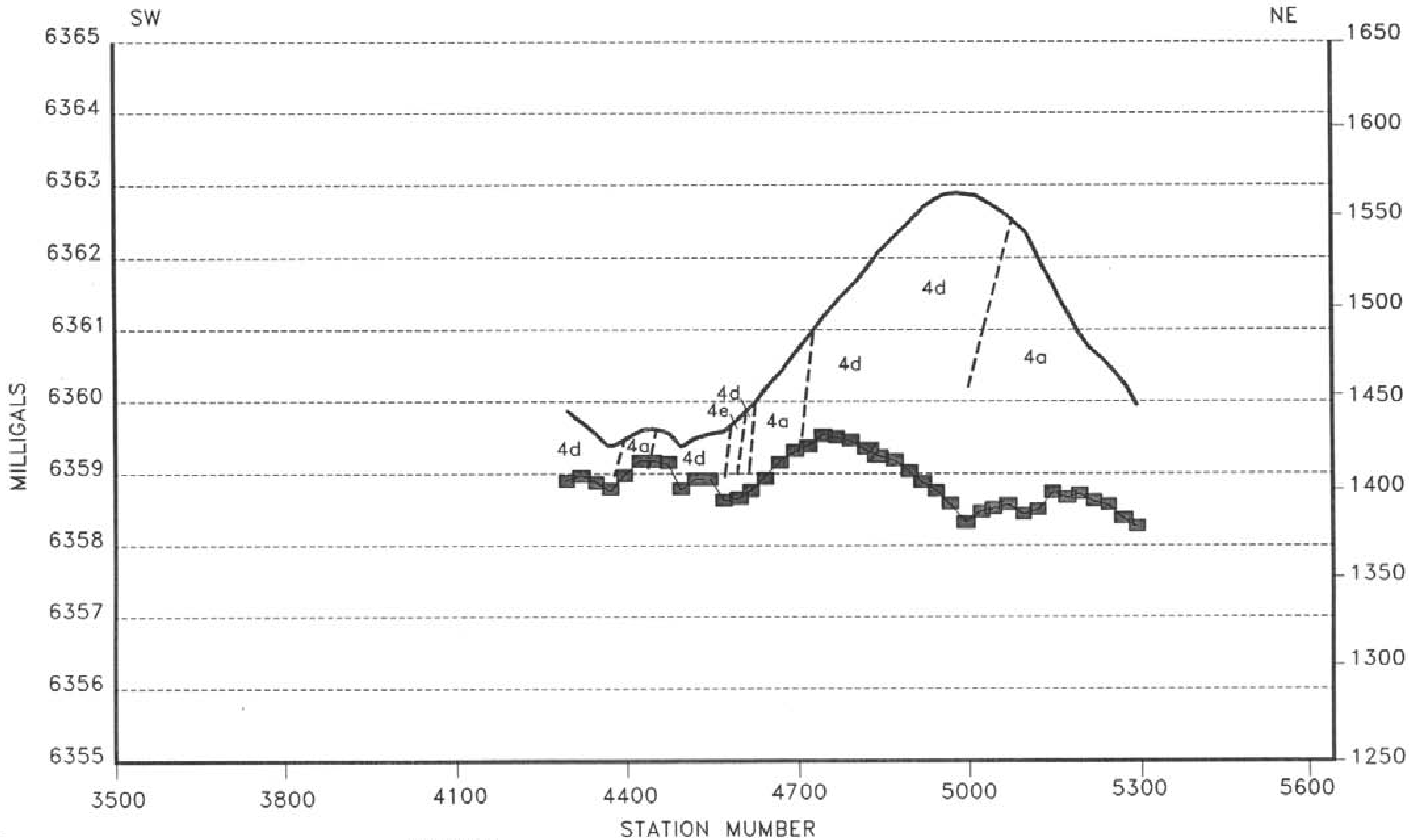
III. **L38+00N** (Figure 21)

"On this line there are two positive anomalies centered at 47+50E and 44+50E, respectively. They appear to be related to geological contacts between poker chip black shale and black chert and indicate a contrast of about 0.4 g/cc. The nodular barite showing is not related to either of these anomalies."

IV. **Recommendations**

"Of interest may be line 50+00N on the Nod Grid at 46+75E where the gravity corroberates a 25m x 100m x 100m showing and holds hope of a larger down dip extension."


SW
NE
MILLIGALS
METRES
6365
6364
6363
6362
6361
6360
6359
6358
6357
6356
6355
1700
1650
1600
1550
1500
1450
1400
1350
1300
4e
4d
4d
4d
4b
4b
4b
4b
4a
4b
4b
3500
3800
4100
4400
4700
5000
5300
5600
STATION MUMBER
GEOLOGY
MIDDLE to UPPER DEVONIAN
LOWER EARN GROUP
GUNSTEEL FORMATION
4e NODULAR to MASSIVE BARITE
4d POKER CHIP SHALE
4c DISTINCTLY LAMINATED SHALE
4b PREGNANT SHALE
4a PORCELLANITE (CHERT)
SYMBOLS
BOUG @2.1
GEOLOGIC CONTACT
FAULT
0 100 200 300 400 500 m
SCALE: 1:10,000 Vertical Exaggeration 3x
FIGURE 20
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA
MT. ALCOCK PROPERTY
NOD GRID
L 44+00 N
GRAVITY SURVEY
DATE DRAWN: FEB. 9, 1993
COMPILED BY: R.F./S.J.
DRAWN BY: S.A.
SCALE: 1:10,000
JOB No: 1715
NTS No: 94F/11
DWG. NAME: ALC-L44G



GEOLOGY

MIDDLE to UPPER DEVONIAN

LOWER EARN GROUP

GUNSTEEL FORMATION

4e	NODULAR to MASSIVE BARITE
4d	POKER CHIP SHALE
4c	DISTINCTLY LAMINATED SHALE
4b	PREGNANT SHALE
4a	PORCELLANITE (CHERT)

SYMBOLS

BOUG @2.1

GEOLOGIC CONTACT

FAULT

0 100 200 300 400 500 m

SCALE: 1:10,000 Vertical Exaggeration 3x

FIGURE 21

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

MT. ALCOCK PROPERTY

NOD GRID

L 38+00 N

GRAVITY SURVEY

DATE DRAWN: FEB. 9, 1993	SCALE: 1:10,000	DWG. NAME:
COMPILED BY: R.F./S.J.	JOB No: 1715	ALC-L38G
DRAWN BY: S.A.	NTS No: 94F/11	

11. CONCLUSION

Geological mapping has shown the property to be largely underlain by Lower Earn Group Middle to Upper Devonian black shales, cherts, silty shales, nodular barite and limestone of the Gunsteel Formation. Abundant exposures of Ordovician and Silurian dolomitic siltsones, black shales and siltstones are found in the eastern portion of the claims with local exposures found elsewhere.

Mapping and propsecting within the Nod Grid area has outlined a nodular barite zone 800 metres in strike length and up to 25 metres wide. Favourable pregnant shale lithology was identified in two zones up to 700 metres in strike length. Rock chip samples from both the pregnant shale and nodular barite returned subeconomic base metal (Zn-Pb) values.

Soils collected from the Nod Grid also failed to return significant base metal results, the most interesting anomaly located between L43N and L44N; a zone with coincident zinc (up to 1119 ppm Zn), lead (up to 484 ppm Pb) and associated sedex indicator element (cadmium, manganese and vanadium) values overlying pregnant shales. The highly anomalous barium soil values (up to 14% Ba) are correlative with the nodular barite outcrops.

The gravity survey carried out over portions of the Nod Grid provided mixed results. The survey over L50+00N indicates a 0.2 milligal anomaly centered at 46+75E that could be caused by a 25m x 100m x 100m mass of density contrast and holds hope of a larger down dip extension. However, the geological cross-section interpretation suggests this body is fault bounded. The two other lines surveyed, L44+00N and L38+00N, resulted in weak gravity anomalies associated with density contrasts between siliceous and non-siliceous black shales.

Mapping and prospecting within the Seep Grid identified several exposures of laminated pyrite hosted by Devonian pregnant and poker chip shales. Rock chip samples of pyritic black shales returned subeconomic base metal values. Stream and iron-seep sampling returned highly elevated zinc values (up to 12967 ppm Zn), however most associated lead values are low, thus likely indicating the iron-seeps are fault related.

The soil survey conducted over the Seep Grid delineated several coincident anomalous zinc and lead zones containing values up to 4672 ppm Zn and 857 ppm Pb.

Associated sedex indicator elements, including cadmium, manganese, vanadium and phosphorous and silver are locally anomalous and almost always correlative with elevated zinc and/or lead values. The majority of the anomalies are most likely attributed to northwest-trending fault zones. Several of the anomalous zones remain unexplained, including the anomalous lead stream value draining the lead-zinc soil zone from L60N at the baseline to L66N, 56+50E.

Mapping northwest of Warneford River indentified numerous occurrences of nodular barite, usually hosted by poker chip shale. Two areas of nodular barite are hosted by favourable pregnant shale. One area of massive barite has over 350 metres of strike length. Samples collected from both nodular and massive barite returned subeconomic base metal and associated indicator element values.

Laminated pyrite within pregnant shales was identified in the Longwok Creek area. Rock chip samples returned no significant base metal values.

A significant Zn-Pb-Ag massive sulphide deposit is not outcropping in the areas covered by the 1992 surveys.

11. REFERENCES

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APPENDIX I

Statement of Qualifications

I, Steve Jensen, do hereby certify that:

1) I am a geologist and have practised my profession for the past five years.

2) I graduated from University of British Columbia, Vancouver, British Columbia with a Bachelor of Sciences degree in Geology (1987).

3) I was actively involved in the Mt. Alcock Property program and authored the report contained herein.

4) All data contained within this report and conclusions drawn from it are true and accurate to the best of my knowledge.

5) I hold no personal interest, direct or indirect in the Mt. Alcock Property which is the subject of this report.

Steve Jensen
Project Geologist
November, 1992

APPENDIX II

Cost Statement

MT. ALCOCK PROPERTY

COST STATEMENT

1. Geology
(Includes preparation,field plotting,travel days)

NOD GROUP

A.	Randy Farmer (Geologist) 14 days @ $256.65/day July (15,17,22),29,30,31,Aug 1,2,3,4,(5),6,12,14	$3593.10
B.	Steve Jensen (Geologist) 14 days @ $223.52/day July (15,22),29,30,31, Aug 1,2,3,4,(5),6,12,14,16	$3129.28
		Subtotal $6722.38

SEEP GROUP

A.	Steve Jensen (Geologist) 9 days @ $223.52/day July (13,20,21), Aug 8,10,11,13,15,(20)	$2011.68
B.	Randy Farmer (Geologist) 11 days @ $256.65/day July (13,14,16,20,21), Aug 10,11,13,15,16,(20)	$2823.15
		Subtotal $4834.83

2. Hand Trenching

NOD GROUP

A.	Doug Nikirk (Technician) 1 day @ $195.75/day Aug 4	$195.75
B.	Gord May (Assisstant) 1 day @ $253.75/day Aug 4	$162.00
		Subtotal $357.75

( ) Denotes non-field days

3. Soil Survey

NOD GROUP

A. Doug Nikirk (Technician)
8 days @ $195.75/day — $1566.00
July (22),29,30,31, Aug 1,2,3,5

B. Gord May (Assisstant)
8 days @ $162.00/day — $1296.00
July (22),29,30,31, Aug 1,2,3,5

Subtotal $2862.00

SEEP GROUP

A. Doug Nikirk (Technician)
6 days @ $195.75/day — $1174.50
July (21), Aug 10,11,12,13,(20)

B. Gord May (Assisstant)
6 days @ $162.00/day — $972.00
July (21), Aug 10,11,12,13,(20)

Subtotal $2146.50

4. Gravity Survey

NOD GROUP

A. Kevin McNabb (Geophysicist) & Equipment Rental
5 days @ $680.00/day — $3400.00
Aug (15),16,17,19,(20)

B. Doug Nikirk (Technician)
3 days @ $195.75/day — $587.25
Aug 16,17,19

C. Gord May (Assisstant)
3 days @ $162.00/day — $486.00
Aug 16,17,19

D. Gravity Survey - Report & Interpretation - Al Wynne (Geophysicist)
4 days @ $400.00/day — $1600.00
Oct (27,28,29,30)

Subtotal $6073.25

( ) Denotes non-field days

5. Analytical = Acme Analytical Labs, Vancouver, B.C.

NOD GROUP

A.	Rock samples 49 @ $11.37 ea. (29 el. ICP & Geochem Ba by whole rock ICP)	$557.13
B.	Rock samples 18 @ $9.00 ea. (Geochem whole rock)	$162.00
C.	Soil samples 496 @ $9.35 ea. (29 el. ICP & Geochem Ba by whole rock ICP)	$4637.60
D.	Moss Mat, silt and Fe-seep samples 25 @ $9.35 ea. (29 el. ICP & Geochem Ba by whole rock ICP)	$233.75
		Subtotal $5590.48

SEEP GROUP

A.	Rock samples 8 @ $11.37 ea. (29 el. ICP & Geochem Ba by whole rock ICP)	$90.96
B.	Soil samples 245 @ $9.35 ea. (29 el. ICP & Geochem Ba by whole rock ICP)	$2290.75
C.	Moss Mat and Fe-seep samples 15 @ $9.35 ea. (29 el. ICP & Au)	$140.25
		Subtotal $2521.96

6. Helicopter = Northern Mountain Helicopters, Ft. Nelson,B.C.

NOD GROUP

Date	Hours	Cost/Hour	Fuel & Oil	Total
July 28	1.9	$660.00	$358.38	$1612.38
Aug 12	0.8	$660.00	$92.80	$620.80
Aug 14	2.1	$660.00	$243.60	$1629.60
Aug 16	0.7	$660.00	$81.20	$543.20
Aug 17	1.2	$660.00	$139.20	$931.20
Total	6.7 hrs			**Subtotal $5337.18**

SEEP GROUP

Date	Hours	Cost/Hour	Fuel & Oil	Total
Aug 8	2.4	$660.00	$278.40	$1862.40
Aug 10	2.1	$660.00	$243.60	$1629.60
Aug 11	1.6	$660.00	$185.60	$1241.60
Aug 12	1.0	$660.00	$116.00	$776.00
Aug 13	2.0	$660.00	$232.00	$1552.00
Aug 15	2.6	$660.00	$301.60	$2017.60
Aug 16	2.0	$660.00	$232.20	$1552.00
Total	13.7 hrs		**Subtotal**	**$10631.20**

7. Fixed Wing Transportation = Williston Lake Air, Mackenzie,B.C.

Date	Cost	Description
July 22	$1845.00	Twin Otter charter from Mackenzie to Ft. Ware - crew and field supplies mobilization to property
Aug 10	$371.25	Ceneca charter from Mackenzie to Finbow Camp - personnel, groceries and rock samples
Aug 13	$58.50	Dangerous goods (naptha, propane) shipment from Mackenzie to Finbow
Aug 15	$670.25	Ceneca charter from Mackenzie to Finbow - personnel and groceries
Aug 19	$315.00	Ceneca charter from Finbow to Mackenzie - personnel & gear
Aug 20	$615.15	Ceneca charter from Finbow to Mackenzie - personnel & gear
Aug 20	$271.73	Canadian Airline flight from Prince George to Vancouver - personnel
Aug 25	$168.30	Part Ceneca charter from Finbow to Mackenzie - sample shipment
Aug 31	$1122.43	Northern Thunderbird Air charter (Beech 18) from Prince George to Finow and return - personnel & field supplies, camp gear - demobilization
Sept 1	$371.25	Ceneca charter from Finbow to Mackenzie - demobilizaton

Subtotal $5808.86

Subtotal $5808.86

8. Food and Accommodation

A.	Food - groceries Shoppers Food Mart & Coop - Mackenzie (July 22-Aug 20,1992)		$1298.64
B.	Expeditor Fees Williston Lake Air - Mackenzie (July 22-Aug 20,1992)		$1250.00
C.	Accommodation		
	(i)	Williston Lake Lodge (July 20,21,Aug 5,14,24)	$370.30
	(ii)	Finbow Logging Camp (Aug 9,19)	$450.00
		Subtotal	**$3368.94**

9. Truck Transportation

4x4 Toyota Pickup & Toyota Forerunner
33 days @ $120.00/day
(includes fuel,insurance,repairs) **Subtotal $3960.00**

10. Freight and Shipping

Sample shipments, correspondance etc. **Subtotal $580.00**

11. Field Supplies

Sample bags, flagging, topo thread, propane etc. **Subtotal $1529.22**

12. Telephone

Radio telephone charges **Subtotal $300.18**

13. Radio Rental

A.	4 - handheld IC-U16	$360.00
B.	2 - SBX-11A high freqency radio phones	$240.00
	Subtotal	**$600.00**

14. Drafting

A.	Base maps preparation (Steve Archibald) 10 days @ $200/day	$2000.00
B.	Drafting (Steve Archibald) 10 days @ $200/day	$2000.00
C.	Prints, Enlargments	$500.00
		Subtotal $4500.00

15. Report Writing and Typing

A.	Steve Jensen (Geologist) 15 days @ $223.52/day	**Subtotal $3352.80**

TOTAL COST MT ALCOCK 1992 PROGRAM $71,077.53

COST ALLOCATION

Costs for the 1992 Mt. Alcock program will be split between two claim groups, the NOD and the SEEP. Each group contains the same number of units -96-, therefore the costs of sections 7 through 15 will be split evenly between the two groups.

The sum of the costs of sections 7 thru 15 = $24,000.00

Therefore $12,000.00 ($24,000.00/2) will be applied to each group.

The sum of costs of sections 1 thru 6 is $26,943.04 for the Nod group and $20,134.49 for the Seep group.

TOTAL COSTS 1992 PROGRAM

Nod Group: $26,943.04 (Sections 1-6)
$12,000.00 (Sections 7-15)
$38,943.04

Seep Group: $20,134.49 (Sections 1-6)
$12,000.00 (Sections 7-15)
$32,134.49

APPENDIX III

Certificates of Analysis

ROCKS

ACME ANALYTICAL

Teck Exploration (BC) PROJECT 1715 FILE # 92-2518

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
45201	8	19	23	117	.2	13	3	11	1.42	9	5	ND	4	25	.2	3	2	41	.03	.034	2	11	.06	771	.01	19	.71	.01	.27	1	2685
45202	7	43	23	198	.5	36	7	23	1.47	15	5	ND	5	21	1.0	4	2	43	.08	.046	2	13	.05	394	.01	17	.70	.01	.28	1	5848
RE 45213	14	16	11	126	.5	18	5	58	.69	7	5	ND	3	28	1.9	4	2	89	.07	.031	2	20	.05	386	.01	24	.44	.01	.24	1	923
45203	14	11	10	62	.1	17	2	13	.83	4	5	ND	1	14	.2	2	2	102	.05	.006	2	8	.04	883	.01	20	.37	.01	.17	1	2766
45204	6	42	20	74	.4	44	6	19	1.49	13	5	ND	5	27	.6	3	2	51	.23	.065	2	14	.11	138	.01	19	.77	.01	.32	1	2656
45205	40	25	52	908	1.3	39	2	25	.96	24	5	ND	1	12	13.1	18	2	235	.11	.016	2	17	.04	302	.01	15	.31	.01	.13	1	1192
45213	15	14	10	140	.6	20	5	60	.72	7	5	ND	3	29	2.0	3	2	94	.07	.032	2	21	.05	398	.01	24	.46	.01	.25	1	913
45214	15	12	4	57	.3	19	2	37	.54	5	5	ND	1	25	1.6	3	2	101	.06	.012	2	11	.03	219	.01	12	.20	.01	.12	1	520
45217	10	37	34	236	.6	45	8	47	2.46	22	5	ND	5	43	1.1	3	2	37	.08	.036	2	12	.05	1060	.01	16	.52	.01	.28	1	2629
45252	8	8	3	12	.2	13	1	33	.49	2	5	ND	1	12	.3	2	2	39	.02	.003	2	9	.01	334	.01	5	.13	.01	.07	1	947
45253	3	5	10	9	.1	7	1	13	.14	2	5	ND	1	82	.3	2	2	79	.02	.002	2	11	.03	1197	.01	16	.29	.01	.12	1	135160
45254	28	14	28	224	.2	30	2	40	.82	6	5	ND	1	5	.3	5	2	131	.01	.005	2	12	.01	323	.01	8	.14	.01	.05	1	1124
45255	13	6	10	16	.9	16	1	12	.31	3	5	ND	2	12	.2	6	2	120	.02	.011	2	17	.03	750	.01	17	.31	.01	.18	1	1426
45256	10	10	5	20	.2	15	2	36	.76	6	5	ND	1	11	.2	2	2	32	.03	.003	2	10	.02	351	.01	7	.13	.01	.07	1	948
45257	11	14	10	29	.2	10	2	12	.53	2	5	ND	1	30	.7	2	2	77	.02	.007	2	15	.03	1460	.01	16	.35	.01	.14	1	7848
STANDARD C/CB-1200	19	57	38	132	7.2	70	31	1039	3.96	41	16	7	40	52	17.6	14	19	56	.51	.087	38	59	.92	182	.08	34	2.00	.06	.14	10	2133

Sample type: ROCK. Samples beginning 'RE' are duplicate samples.
BA* .2 GM SAMPLE FUSED WITH 1.2 GM LIBO2, ANALYSIS BY ICP.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Teck Exploration (BC) PROJECT 1715 File # 92-2518 Page 1

350 - 272 Victoria St., Kamloops BC V2C 2A2

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
45206	10	9	19	7	.1	7	2	13	.62	8	5	ND	7	167	.9	2	2	59	.03	.011	2	7	.02	229	.01	12	.19	.01	.12	2
45207	11	3	15	3	.1	7	1	7	.18	2	5	ND	1	76	.2	2	2	82	.02	.003	2	7	.03	926	.01	16	.27	.01	.12	1
45208	5	7	19	37	.2	11	2	9	.76	5	5	ND	3	21	.2	2	4	54	.01	.010	2	13	.05	789	.01	20	.71	.02	.28	1
45209	6	12	19	34	.3	12	2	9	.90	8	5	ND	3	24	.2	2	2	71	.01	.023	2	16	.05	948	.01	21	.77	.01	.31	1
45210	9	4	9	3	.2	6	1	20	.44	3	5	ND	2	7	.2	2	2	65	.03	.006	2	8	.04	520	.01	20	.37	.01	.22	1
45258	10	3	8	13	.1	8	1	7	.35	3	5	ND	1	16	.2	2	2	67	.01	.006	2	16	.04	628	.01	18	.38	.01	.19	1
45259	13	7	9	10	.1	7	1	9	.55	4	5	ND	1	13	.2	2	3	76	.01	.006	2	11	.04	566	.01	23	.40	.01	.22	1
45260	12	4	9	10	.1	8	1	5	.52	3	5	ND	2	11	.2	2	2	82	.01	.006	2	16	.05	338	.01	23	.45	.01	.24	1
45261	10	4	11	9	.2	6	1	9	.46	2	5	ND	1	10	.2	2	2	76	.01	.003	2	11	.05	670	.01	23	.46	.01	.24	1
45262	12	8	11	20	.1	8	1	6	.56	3	5	ND	1	12	.2	2	2	114	.01	.007	2	15	.05	576	.01	21	.46	.01	.24	1
45263	10	4	19	3	.1	5	1	7	.32	4	5	ND	1	109	.2	2	3	46	.01	.004	2	5	.02	332	.01	15	.18	.01	.10	1
45264	7	4	23	5	.1	5	1	4	.29	3	5	ND	1	105	.2	2	2	51	.01	.003	2	7	.02	383	.01	12	.18	.01	.10	1
RE 45260	12	6	11	11	.1	8	1	7	.53	5	5	ND	2	12	.3	2	2	84	.01	.006	2	15	.05	351	.01	23	.46	.01	.24	1
45265	14	7	32	11	.1	6	1	7	.96	10	5	ND	1	89	.2	2	3	64	.01	.013	2	7	.02	93	.01	12	.22	.01	.19	1
45266	17	7	33	6	.1	10	1	3	.93	11	5	ND	1	77	.2	4	2	107	.01	.016	2	11	.02	102	.01	11	.26	.01	.18	1
45267	18	16	9	28	.1	12	2	18	1.24	12	5	ND	1	15	.2	2	2	98	.01	.015	2	11	.03	310	.01	15	.34	.01	.23	1
45268	12	8	9	9	.2	9	1	10	.57	4	5	ND	1	15	.2	2	2	109	.01	.011	2	15	.04	694	.01	20	.43	.01	.20	1
45269	10	12	11	20	.6	11	2	29	.63	5	5	ND	3	14	.4	3	2	135	.03	.019	2	12	.07	463	.01	24	.54	.01	.24	1
45270	11	13	10	10	.3	9	1	9	.76	7	5	ND	2	11	.2	2	2	113	.01	.008	2	13	.05	516	.01	24	.50	.01	.26	1
STANDARD C	19	57	38	132	7.2	70	31	1039	3.96	41	16	7	40	52	17.6	14	19	56	.51	.087	38	59	.92	182	.08	34	2.00	.06	.14	10

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 TO P2 ROCK P3 SILT P4 MOSS MAT Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 12 1992 **DATE REPORT MAILED:** Aug 24/92 **SIGNED BY** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

WHOLE ROCK ICP ANALYSIS

Teck Exploration (BC) PROJECT 1715 File # 92-2518 Page 1

350 - 272 Victoria St., Kamloops BC V2C 2A2

SAMPLE#	SiO_2 %	Al_2O_3 %	Fe_2O_3 %	MgO %	CaO %	Na_2O %	K_2O %	TiO_2 %	P_2O_5 %	MnO %	Cr_2O_3 %	Ba ppm	Sr ppm	Zr ppm	Y ppm	Nb ppm	LOI %	SUM %
45206	40.33	2.92	.72	.01	.07	.06	.76	.13	.01	.01	.004	296658	1671	35	7	12	4.2	99.82
45207	55.72	3.85	.28	.01	.06	.07	.84	.17	.01	.01	.004	194810	913	43	5	5	5.6	99.82
45208	76.93	11.24	1.08	.45	.02	.09	2.70	.55	.02	.01	.008	4430	60	101	12	16	6.0	99.87
45209	77.14	11.19	1.21	.42	.01	.07	2.60	.53	.05	.01	.006	4671	62	90	10	17	5.8	99.84
45210	84.45	6.84	.64	.22	.05	.07	1.76	.32	.01	.01	.003	1569	36	42	6	5	5.2	99.83
45258	85.76	6.52	.49	.23	.02	.07	1.57	.27	.01	.01	.002	1707	43	40	8	5	4.6	99.83
45259	85.12	6.54	.66	.22	.05	.09	1.66	.29	.01	.01	.002	1830	42	38	7	5	4.9	99.85
45260	84.10	7.14	.69	.29	.02	.08	1.55	.33	.01	.01	.003	1337	40	50	8	5	5.4	99.85
45261	83.06	7.36	.61	.32	.25	.09	1.97	.32	.01	.01	.003	2124	46	48	7	5	5.5	99.86
45262	83.28	7.16	.69	.30	.04	.07	1.70	.31	.01	.01	.003	2734	46	49	7	5	5.8	99.83
45263	40.28	2.68	.36	.01	.05	.05	.71	.12	.01	.01	.006	302714	1449	27	5	5	4.0	99.87
45264	38.45	2.44	.33	.01	.02	.05	.67	.12	.01	.01	.010	314099	1251	22	5	5	4.3	99.89
RE 45260	83.55	7.30	.71	.31	.02	.08	1.83	.33	.01	.01	.002	1285	43	61	8	5	5.5	99.86
45265	46.94	3.10	.92	.01	.02	.05	.81	.17	.02	.01	.002	244827	955	30	5	5	6.1	99.85
45266	54.48	3.88	.92	.01	.03	.06	1.05	.20	.01	.01	.005	183598	699	34	5	5	7.9	99.83
45267	85.43	5.19	1.24	.09	.03	.09	1.31	.24	.02	.01	.002	4026	51	37	8	5	5.5	99.84
45268	84.87	6.26	.65	.20	.02	.07	1.35	.27	.01	.01	.004	2008	44	40	9	5	5.8	99.85
45269	81.49	7.91	.74	.36	.58	.10	2.02	.36	.03	.01	.002	1923	53	56	10	5	5.8	99.73
45270	79.76	8.78	.92	.43	.02	.11	2.19	.38	.01	.01	.004	2959	44	51	8	5	6.7	99.81
STANDARD SO-4	69.15	10.16	3.44	.89	1.53	1.29	2.04	.56	.20	.08	.008	800	197	308	23	14	10.4	99.95

.200 GRAM SAMPLES ARE FUSED WITH 1.2 GRAM OF LIBO2 AND ARE DISSOLVED IN 100 MLS 5% HNO3.
- SAMPLE TYPE: P1 TO P2 ROCK P3 SILT P4 MOSS MAT

Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 12 1992 **DATE REPORT MAILED:** Aug 24/92 **SIGNED BY** C. Leong ... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Teck Exploration (BC) PROJECT 1715 File # 92-2641 Page 1

350 - 272 Victoria St., Kamloops BC V2C 2A2 Submitted by: RANDY FARMER

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
45220	13	16	14	37	.2	16	2	11	.86	9	5	ND	3	16	.5	5	2	22	.07	.007	2	9	.05	558	.01	21	.61	.01	.31	1	2754
45223	21	8	5	86	.3	17	1	35	1.11	9	5	ND	2	15	.2	5	2	59	.05	.031	3	11	.03	344	.01	13	.32	.01	.15	1	1599
45224	10	20	12	125	.1	32	5	31	1.34	8	5	ND	3	22	1.1	4	2	48	.04	.014	2	10	.09	779	.01	16	.80	.02	.30	1	3538
45227	68	37	106	330	.9	41	1	44	.81	13	5	ND	1	9	10.3	10	2	174	.07	.020	2	17	.02	182	.01	11	.23	.01	.11	1	546
45228	36	28	135	1051	.2	42	2	68	1.28	14	5	ND	1	17	7.3	8	2	143	.06	.007	2	12	.02	149	.01	11	.18	.01	.08	1	999
45229	18	93	43	103	.4	28	2	50	.83	11	8	ND	1	16	.7	12	2	103	.03	.006	2	17	.03	238	.01	13	.25	.01	.15	2	696
45232	23	38	11	46	.1	71	6	54	4.10	25	5	ND	2	23	.4	3	2	23	.34	.031	2	9	.14	21	.01	15	.33	.01	.18	1	972
45233	29	19	13	29	.6	35	3	54	1.09	13	8	ND	3	16	.2	6	2	63	.13	.051	2	10	.03	152	.01	19	.33	.01	.20	1	678
45235	25	46	28	57	.7	43	5	36	2.35	15	5	ND	1	8	.6	5	3	32	.05	.015	2	11	.03	44	.01	20	.34	.01	.20	1	847
45236	6	11	14	59	.4	22	2	63	.91	6	5	ND	3	56	.2	3	2	24	.06	.019	3	8	.03	531	.01	15	.34	.01	.24	1	21155
45242	7	7	21	29	.2	8	1	14	.75	10	5	ND	1	155	.2	2	2	29	.03	.016	2	5	.03	238	.01	15	.30	.01	.17	1	266159
45243	10	13	23	52	.1	20	1	19	.78	11	5	ND	1	104	.2	2	3	38	.06	.015	2	7	.03	864	.01	14	.30	.01	.13	1	226420
45245	10	7	20	21	.2	11	1	5	.64	13	5	ND	1	136	.2	5	2	33	.02	.013	2	5	.02	393	.01	13	.26	.01	.15	1	245042
45247	8	24	26	149	.1	29	3	37	1.40	16	5	ND	2	66	.5	2	2	35	.07	.033	2	10	.04	582	.01	21	.50	.02	.25	1	56999
45272	23	28	10	119	.7	34	8	94	1.09	9	5	ND	3	25	.5	4	2	78	.24	.085	4	11	.04	350	.01	18	.65	.01	.25	1	3303
RE 45242	8	7	22	29	.1	7	1	13	.73	9	5	ND	1	146	.2	3	4	27	.03	.016	2	5	.03	277	.01	12	.28	.01	.15	1	279618
45275	44	41	1787	2028	4.3	39	1	43	1.88	14	5	ND	2	14	6.8	14	2	164	.12	.017	2	16	.02	599	.01	13	.32	.01	.13	1	3736
45276	43	34	58	209	.3	33	1	69	1.07	9	5	ND	1	7	1.0	6	2	131	.04	.016	2	15	.01	529	.01	6	.15	.01	.05	1	973
45283	12	44	23	126	.3	43	2	17	1.49	12	5	ND	1	106	.2	2	2	28	.09	.063	2	14	.02	488	.01	13	.67	.01	.16	1	111579
45284	9	15	22	54	.5	18	2	30	1.35	14	5	ND	3	51	.3	5	3	30	.09	.064	2	12	.04	179	.01	16	.46	.01	.23	1	19907
45286	7	13	9	26	.5	16	1	18	.99	11	5	ND	3	43	.2	4	2	41	.11	.058	2	11	.03	402	.01	17	.55	.01	.21	1	48153
45288	7	15	13	52	.3	22	2	18	.88	10	5	ND	1	31	.2	2	2	29	.01	.038	2	13	.02	104	.01	15	.34	.01	.18	1	19271
45289	1	3	2	20	.1	6	1	7	.45	2	5	ND	1	111	.2	2	2	8	.01	.003	2	1	.01	285	.01	3	.08	.01	.01	1	484714
45290	1	3	5	8	.1	6	1	15	.29	2	5	ND	1	404	.2	2	2	5	.03	.016	2	4	.01	1015	.01	2	.06	.01	.02	1	392204
45291	4	9	9	20	.1	15	1	26	.77	8	5	ND	1	147	.2	2	2	14	.03	.040	2	7	.01	672	.01	9	.19	.01	.10	1	183547
45292	4	13	12	28	.2	16	1	17	.75	8	5	ND	1	176	.2	2	2	14	.04	.028	2	7	.01	224	.01	9	.18	.01	.10	1	189699
STANDARD C/CB-1200	18	60	39	133	7.3	79	31	1066	3.96	42	22	7	39	53	19.0	16	21	58	.50	.087	40	61	.91	183	.09	34	1.95	.08	.17	11	2240

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 ROCK P2 SILT P3 MOSS MAT BA* .2 GM SAMPLE FUSED WITH 1.2 GM LIBO2, ANALYSIS BY ICP.
GEOCHEM BA ANALYSIS BY WHOLE ROCK ICP. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 18 1992 **DATE REPORT MAILED:** Aug 27/92 **SIGNED BY** ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

STREAM- MOSS MATS

ACME ANALYTICAL

Teck Exploration (BC) PROJECT 1715 FILE # 92-2641

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm	Hg ppb
M45219	24	49	27	882	.8	126	12	160	2.25	18	5	ND	9	61	6.6	4	6	83	.47	.059	3	11	.10	1134	.01	11	.56	.01	.13	3	13272	125
RE M45239	28	40	28	1805	.7	216	11	218	1.96	19	5	ND	4	98	12.5	6	2	127	2.61	.075	10	14	.64	1098	.01	11	.60	.01	.12	1	13509	115
M45222	40	57	22	630	1.0	141	24	393	3.46	27	5	ND	4	90	7.8	6	6	76	.42	.092	4	11	.11	662	.01	7	.68	.01	.16	1	2783	90
M45226	31	35	30	1055	.3	161	12	225	1.91	20	5	ND	4	81	6.4	6	2	168	3.79	.138	13	14	1.50	857	.01	15	.42	.01	.12	1	16483	100
M45237	31	52	32	2712	.7	360	12	282	2.56	20	5	ND	1	91	13.4	6	6	95	1.62	.098	13	12	.42	896	.01	9	.55	.01	.12	1	5172	130
M45238	22	44	26	1906	.5	230	11	220	2.40	19	5	ND	1	96	8.3	5	2	68	1.31	.089	11	11	.36	1314	.01	7	.53	.01	.11	1	22007	100
M45239	27	44	26	1821	.7	217	11	226	1.93	20	5	ND	2	96	12.6	5	3	124	2.49	.074	10	13	.62	1185	.01	12	.57	.01	.12	1	12698	120
M45244	15	45	45	1292	.7	104	12	235	2.48	18	5	ND	2	67	6.4	5	2	59	.60	.062	4	12	.18	1612	.01	7	.68	.01	.12	1	21395	105
M45244 DUP.	30	41	93	1528	.7	104	11	294	2.47	16	5	ND	2	68	8.4	4	4	60	.62	.069	3	11	.15	1332	.01	7	.64	.01	.11	1	8096	100
M45246	6	35	24	508	1.0	74	10	172	2.14	12	5	ND	2	75	3.6	2	5	43	.63	.071	5	14	.24	1171	.01	9	.81	.01	.12	1	7009	135
M45248	13	34	29	648	.7	68	10	183	2.18	15	5	ND	4	67	3.7	2	2	44	.46	.068	7	12	.21	1337	.01	8	.66	.01	.10	1	50763	90
M45274	34	57	209	2612	.8	499	12	308	2.38	19	5	ND	1	97	20.8	7	2	116	2.29	.138	5	12	.32	538	.01	29	.48	.01	.17	1	1958	185
M45277	22	29	14	660	.1	161	6	194	1.45	10	5	ND	1	36	4.5	3	2	113	2.25	.095	14	13	.82	165	.01	11	.39	.01	.10	1	965	80
M45278	19	26	11	599	.2	123	6	164	1.16	13	5	ND	2	65	3.7	3	2	133	5.83	.176	15	15	2.29	424	.01	13	.36	.01	.12	1	3052	85
M45279	18	23	11	527	.1	114	6	156	1.32	11	5	ND	3	42	3.5	2	2	119	3.14	.123	18	14	1.36	245	.01	14	.38	.01	.09	1	1096	80
M45280	22	27	9	1036	.3	179	6	160	1.29	13	5	ND	1	57	6.1	3	2	145	4.55	.127	13	15	1.38	263	.01	14	.37	.01	.10	1	1132	125
M45281	59	59	27	1429	.1	228	14	268	2.38	25	5	ND	2	69	6.3	10	3	219	2.44	.099	9	16	.81	490	.01	12	.40	.01	.12	1	1931	155
M45282	19	42	35	522	.8	91	10	221	2.59	16	5	ND	1	62	3.8	2	2	57	.74	.059	4	11	.21	1090	.01	9	.59	.01	.12	1	3847	135
M45285	17	49	30	537	.6	92	11	286	2.77	22	5	ND	1	95	5.0	4	3	56	.71	.064	4	11	.14	1264	.01	11	.63	.01	.12	1	27693	140
M45287	18	36	21	614	.3	87	11	234	1.98	17	5	ND	5	96	3.7	2	4	62	4.20	.095	18	9	1.62	780	.01	7	.48	.01	.12	1	43491	80
STANDARD C/CB-1200	20	59	41	133	7.3	71	32	1075	3.96	41	19	7	41	53	18.9	14	21	59	.50	.083	39	61	.94	183	.09	35	1.94	.07	.14	11	2075	1650

Sample type: MOSS MAT. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Teck Exploration (BC) PROJECT 1715 File # 92-2722 Page 1

350 - 272 Victoria St., Kamloops BC V2C 2A2 Submitted by: RANDY FARMER

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
L48+00N 39+00E	45	32	46	206	.6	38	8	136	2.23	99	5	ND	2	20	.8	7	2	165	.15	.034	5	11	.06	545	.01	8	.46	.01	.05	1	1827
L48+00N 39+25E	28	46	58	766	1.6	102	8	222	2.65	13	5	ND	2	86	7.0	3	2	102	.77	.078	6	15	.14	1410	.01	7	.91	.01	.13	1	3667
L48+00N 39+50E	26	20	33	246	.1	33	4	37	2.09	15	5	ND	1	26	.3	3	2	178	.02	.039	4	11	.04	197	.01	5	.78	.01	.06	1	1344
L48+00N 39+75E	47	25	42	730	.5	105	6	42	2.08	20	5	ND	3	10	.4	18	2	279	.01	.026	4	15	.04	112	.01	6	.58	.01	.06	1	808
L48+00N 40+00E	16	11	22	204	.3	28	2	29	1.08	8	5	ND	2	11	.4	5	2	108	.03	.020	8	10	.05	234	.01	6	.62	.01	.07	1	1228
L48+00N 40+25E	23	18	35	316	.9	58	4	28	1.50	10	5	ND	1	18	.3	5	2	106	.02	.027	5	12	.04	365	.01	6	.62	.01	.06	1	1669
L48+00N 40+50E	27	34	29	429	.1	65	5	38	2.53	12	5	ND	2	26	.5	2	2	149	.01	.038	4	12	.05	397	.01	11	.77	.01	.06	1	1453
L48+00N 40+75E	17	40	17	446	.6	64	5	54	1.95	7	5	ND	2	20	3.5	2	2	30	.18	.015	3	6	.04	557	.01	11	.37	.01	.12	1	2244
L48+00N 41+00E	32	35	39	262	.6	47	5	43	2.28	13	6	ND	2	27	2.4	4	2	98	.04	.054	5	12	.04	934	.01	11	.63	.01	.13	1	3019
L48+00N 41+25E	24	17	25	208	.1	36	4	41	1.86	10	5	ND	1	18	.9	4	2	123	.02	.037	5	11	.04	565	.01	8	.74	.01	.08	1	2230
L48+00N 41+50E	29	22	47	317	.3	50	3	29	1.81	15	5	ND	2	30	1.5	6	2	181	.10	.041	4	11	.04	835	.01	9	.55	.01	.12	1	5798
L48+00N 41+75E	23	17	30	236	.6	35	3	25	1.85	16	5	ND	2	34	.6	4	2	142	.06	.035	5	11	.05	840	.01	8	.66	.01	.10	2	5604
L48+00N 42+00E	58	41	53	499	1.5	69	9	43	3.29	18	5	ND	2	17	.9	5	2	185	.08	.041	3	14	.04	980	.01	10	.61	.01	.10	1	3682
L48+00N 42+25E	43	35	73	498	1.8	76	5	35	2.81	23	5	ND	3	31	2.1	8	2	215	.03	.059	7	17	.09	1089	.01	8	.98	.01	.12	1	6306
L48+00N 42+50E	28	23	62	483	.5	42	3	42	2.25	16	5	ND	1	43	2.4	7	2	208	.03	.058	6	15	.08	760	.01	8	.94	.01	.13	1	4546
L48+00N 42+75E	34	23	70	441	.3	61	3	24	1.97	17	5	ND	1	29	.8	12	3	221	.02	.037	7	13	.03	437	.01	6	.46	.01	.08	1	1367
L48+00N 43+00E	37	24	75	336	.2	54	3	29	1.99	15	5	ND	2	34	1.0	6	3	203	.05	.041	6	14	.05	981	.01	7	.72	.01	.10	1	5069
L48+00N 43+25E	29	21	32	273	.1	46	3	28	1.96	19	5	ND	1	35	.5	7	2	191	.02	.032	5	10	.03	723	.01	7	.49	.01	.11	1	8749
L48+00N 43+50E	98	42	34	566	.1	164	5	40	1.99	24	5	ND	1	15	1.1	25	2	526	.07	.030	5	23	.04	663	.01	8	.55	.01	.07	1	1471
L48+00N 43+75E	78	33	33	494	.7	135	5	45	2.19	19	5	ND	1	20	.7	11	2	446	.03	.036	8	26	.05	1013	.01	7	.85	.01	.09	1	3477
L48+00N 44+00E	61	27	15	405	.1	99	4	38	1.68	14	5	ND	1	15	1.0	8	2	350	.04	.043	7	23	.04	1403	.01	10	.62	.01	.07	1	4836
L48+00N 44+25E	112	59	32	697	.7	150	3	30	2.33	43	5	ND	1	16	1.1	37	2	722	.03	.038	12	40	.04	1111	.01	7	.66	.01	.06	1	2256
L48+00N 44+50E	22	25	26	261	.5	42	4	35	2.28	16	5	ND	3	46	.6	7	2	172	.02	.047	6	13	.06	683	.01	8	.84	.01	.14	1	3966
L48+00N 44+75E	23	22	23	196	.1	30	2	21	1.74	10	5	ND	3	47	.2	2	3	134	.02	.041	8	16	.05	502	.01	5	.99	.01	.11	1	1623
L48+00N 45+00E	48	68	45	489	.6	102	5	32	2.94	26	6	ND	2	85	3.1	9	2	265	.18	.073	8	18	.10	804	.01	6	.80	.03	.17	1	3180
L48+00N 45+25E	29	50	32	284	.4	61	4	29	1.93	16	5	ND	2	47	1.4	5	2	175	.09	.063	7	14	.07	1063	.01	7	.75	.01	.14	1	5481
L48+00N 45+50E	18	43	23	240	.3	51	8	173	3.28	18	5	ND	4	69	1.1	2	2	87	.12	.076	15	21	.37	572	.01	5	1.09	.02	.12	1	8555
L48+00N 45+75E	16	45	23	180	.5	29	3	41	2.45	15	5	ND	1	64	.7	2	2	108	.04	.080	7	14	.09	726	.01	7	.98	.01	.15	1	3382
L48+00N 46+00E	19	30	22	175	.6	25	2	22	2.43	18	5	ND	1	72	.3	3	2	109	.01	.066	3	9	.04	455	.01	7	.64	.01	.15	1	13916
L48+00N 46+25E	13	18	14	134	.4	17	2	27	1.61	7	5	ND	1	21	.3	2	2	126	.03	.034	6	11	.05	812	.01	6	.71	.01	.09	1	1617
L48+00N 46+50E	17	20	25	159	.6	21	2	21	2.19	16	5	ND	2	44	.3	3	2	115	.02	.047	4	9	.04	509	.01	7	.64	.02	.16	1	1795
L48+00N 46+75E	21	42	24	257	.7	41	4	68	3.52	21	5	ND	3	89	.7	3	2	89	.07	.088	8	17	.19	245	.01	6	.93	.02	.16	1	13093
L48+00N 47+00E	39	43	33	215	.8	32	3	27	2.85	27	5	ND	1	130	1.4	3	3	152	.05	.091	7	14	.05	357	.01	8	.75	.02	.17	1	12207
L48+00N 47+25E	24	39	26	184	1.3	26	2	28	3.33	25	5	ND	1	65	1.4	7	2	125	.04	.096	5	12	.06	389	.01	7	.75	.02	.21	1	4494
L48+00N 47+50E	27	30	24	184	.8	28	3	27	3.32	32	5	ND	3	68	.6	6	3	168	.01	.068	4	11	.06	293	.01	7	.81	.02	.22	1	3138
RE L48+00N 46+50E	19	21	26	157	.2	21	2	18	2.16	15	5	ND	1	45	.4	2	2	117	.02	.047	3	9	.04	510	.01	8	.64	.02	.15	1	1964
L48+00N 47+75E	20	23	24	138	.1	21	2	21	2.24	13	5	ND	1	54	.2	2	2	146	.03	.049	3	11	.05	382	.01	7	.77	.02	.18	1	6440
STANDARD C/CB-1200	17	61	38	135	6.9	77	31	1082	3.96	41	23	7	39	53	19.0	14	20	60	.50	.087	39	61	.90	185	.09	35	1.95	.08	.16	11	2204

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL BA* .2 GM SAMPLE FUSED WITH 1.2 GM LIBO2, ANALYSIS BY ICP.
<u>Samples beginning 'RE' are duplicate samples.</u>

DATE RECEIVED: AUG 22 1992 DATE REPORT MAILED: Aug 28/92 SIGNED BY C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL

Teck Exploration (BC) PROJECT 1715 FILE # 92-2722

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
L48+00N 48+00E	9	16	19	97	.3	15	4	40	1.29	6	5	ND	8	19	.4	2	2	96	.08	.035	7	13	.07	247	.01	3	.87	.01	.12	2	1113
L48+00N 48+25E	20	56	23	150	.1	32	4	31	1.83	7	5	ND	2	48	2.5	2	2	161	.17	.094	3	18	.06	695	.01	10	.90	.01	.15	1	1694
L48+00N 48+50E	27	21	23	192	.4	16	4	34	2.58	20	5	ND	1	53	.8	7	2	123	.16	.065	3	10	.09	555	.01	4	.61	.01	.17	1	1650
L48+00N 48+75E	18	34	25	233	.9	32	5	178	2.06	10	8	ND	1	70	3.4	3	2	112	.46	.103	5	18	.23	1160	.01	2	1.20	.01	.18	1	2569
L48+00N 49+00E	24	43	28	211	.5	40	6	69	2.99	24	5	ND	1	57	3.1	10	2	133	.22	.098	5	16	.13	842	.01	6	1.05	.01	.18	1	2859
L48+00N 49+25E	20	35	21	175	.6	28	5	46	2.95	19	5	ND	2	49	.5	2	2	87	.04	.071	6	12	.10	693	.01	2	.92	.01	.12	1	6470
L48+00N 49+50E	17	24	35	155	1.3	19	4	32	2.63	12	5	ND	1	87	.2	2	2	102	.04	.106	6	13	.05	491	.01	2	.88	.02	.16	1	1463
L48+00N 49+75E	17	15	21	111	.4	17	4	32	2.03	13	5	ND	1	35	.3	2	3	139	.03	.048	8	16	.10	467	.01	6	1.18	.01	.11	1	1246
L48+00N 50+00E	25	20	38	85	.5	16	2	21	1.24	9	5	ND	1	55	.9	3	2	172	.18	.046	5	14	.06	754	.01	7	.94	.01	.13	1	2083
L44+00N 35+00E	14	42	20	254	.4	34	10	61	5.31	10	5	ND	2	21	.4	2	5	91	.02	.076	2	20	.11	303	.01	6	1.62	.01	.11	1	2219
L44+00N 35+25E	12	19	19	169	.5	20	6	79	2.50	11	5	ND	3	29	.5	2	3	73	.06	.051	5	14	.09	365	.01	5	1.04	.01	.14	1	2398
L44+00N 35+50E	10	12	15	168	.2	16	6	44	2.34	5	5	ND	1	13	.2	2	2	76	.03	.036	4	13	.06	319	.01	2	1.15	.01	.12	1	2161
L44+00N 35+75E	48	22	18	776	.8	28	11	40	4.45	21	5	ND	2	51	.4	2	2	95	.03	.066	3	9	.04	456	.01	2	.78	.01	.15	1	3014
L44+00N 36+00E	22	17	17	127	.6	14	4	27	2.62	15	5	ND	2	45	.2	2	5	108	.01	.056	5	15	.07	362	.01	3	1.16	.01	.12	1	2230
L44+00N 36+25E	24	18	15	134	.5	16	4	24	1.97	12	5	ND	2	69	.2	2	2	121	.02	.047	4	10	.05	402	.01	2	.85	.02	.12	1	2084
L44+00N 36+50E	23	15	16	151	.4	15	5	26	1.77	9	5	ND	1	28	.2	2	3	143	.01	.040	7	12	.05	213	.01	7	.89	.01	.07	1	2450
L44+00N 36+75E	33	29	40	208	.3	30	7	46	2.38	13	5	ND	1	70	.2	2	2	113	.03	.069	6	12	.04	272	.01	3	.73	.01	.10	1	2163
L44+00N 37+00E	24	29	54	151	1.4	26	5	24	2.18	13	5	ND	2	157	.2	2	2	67	.06	.070	2	13	.04	403	.01	8	.69	.03	.16	1	2995
L44+00N 37+25E	24	37	34	315	.9	51	11	172	3.37	14	5	ND	1	31	.4	2	2	121	.03	.065	4	12	.04	255	.01	8	.85	.01	.09	1	1355
L44+00N 37+50E	26	28	37	259	.5	40	7	59	2.36	15	5	ND	1	41	.2	2	2	109	.02	.041	6	13	.04	349	.01	3	.69	.01	.09	1	1670
L44+00N 37+75E	28	41	29	189	.2	30	7	50	2.13	13	5	ND	1	25	.2	2	2	101	.01	.031	2	11	.04	243	.01	6	.83	.01	.07	1	1413
L44+00N 38+00E	30	29	41	309	.4	47	8	59	2.49	14	5	ND	2	20	.2	3	2	180	.01	.030	6	15	.05	189	.01	4	.92	.01	.08	1	1070
L44+00N 38+25E	33	26	47	335	.2	52	7	62	2.57	20	5	ND	1	33	.2	3	2	172	.02	.047	6	14	.05	568	.01	6	.65	.01	.11	1	2036
L44+00N 38+50E	35	30	62	373	.4	56	7	50	2.47	17	6	ND	2	28	.4	5	2	172	.02	.053	6	15	.04	523	.01	4	.75	.01	.10	1	1644
L44+00N 38+75E	33	41	62	369	.3	65	10	353	3.15	12	5	ND	1	88	2.1	2	2	135	.49	.087	4	18	.16	1243	.01	6	1.02	.01	.16	1	3237
L44+00N 39+00E	31	26	45	287	.6	44	6	59	1.99	15	5	ND	1	24	.7	4	2	186	.03	.064	7	17	.05	626	.01	4	.93	.01	.10	1	1974
L44+00N 39+25E	37	34	54	428	.6	69	8	120	2.94	21	5	ND	2	38	1.0	4	2	197	.05	.089	7	18	.11	617	.01	10	.88	.01	.11	1	2050
L44+00N 39+50E	37	47	61	474	.4	65	10	124	2.89	18	5	ND	1	29	2.0	2	2	142	.06	.065	7	16	.10	624	.01	10	.73	.01	.10	1	2350
RE L44+00N 38+50E	34	29	58	366	.4	56	7	50	2.43	15	5	ND	1	28	.2	2	2	170	.02	.052	5	15	.04	515	.01	7	.77	.01	.09	1	1708
L44+00N 39+75E	28	28	31	253	.2	43	5	46	1.90	8	5	ND	1	15	.3	2	2	148	.02	.048	6	15	.04	327	.01	6	.81	.01	.09	1	1582
L44+00N 40+00E	22	25	29	202	.1	31	5	43	1.66	6	5	ND	1	14	.5	2	2	128	.02	.046	8	16	.05	430	.01	7	1.02	.01	.07	1	1390
L44+00N 40+25E	34	27	37	295	.3	48	7	63	2.35	12	5	ND	1	17	.2	2	2	202	.02	.042	6	13	.04	307	.01	5	.63	.01	.08	1	1366
L44+00N 40+50E	38	32	53	301	.6	48	7	56	2.47	14	5	ND	1	21	.2	3	2	190	.02	.047	5	15	.05	327	.01	7	.83	.01	.09	1	1410
L44+00N 40+75E	29	33	33	262	.8	43	8	75	2.58	14	5	ND	1	22	.2	2	5	173	.04	.061	5	14	.04	418	.01	9	.77	.01	.11	1	1705
L44+00N 41+00E	32	25	42	286	.7	48	7	51	2.25	14	5	ND	1	17	.2	2	2	175	.01	.042	4	13	.05	469	.01	7	.82	.01	.09	1	1616
L44+00N 41+25E	34	40	31	278	.2	50	12	82	3.28	22	5	ND	2	19	.5	2	2	149	.02	.033	4	10	.03	342	.01	7	.52	.01	.12	1	1593
L44+00N 41+50E	28	29	38	204	.2	35	7	50	2.45	20	5	ND	1	19	.4	2	2	125	.02	.032	5	11	.05	294	.01	3	.66	.01	.10	1	1458
STANDARD C/CB-1200	20	60	38	136	7.2	72	32	1081	3.96	41	22	7	40	53	18.6	13	19	60	.49	.084	39	61	.94	183	.09	35	2.02	.07	.14	10	2081

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

Teck Exploration (BC) PROJECT 1715 FILE # 92-2722

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
L44+00N 41+75E	34	28	48	278	.4	48	7	56	2.86	18	5	ND	8	22	.2	5	2	174	.02	.044	5	15	.06	400	.01	6	.95	.01	.09	2	1552
L44+00N 42+00E	29	23	41	241	.1	45	6	44	2.02	13	5	ND	2	20	.4	4	2	188	.02	.029	4	13	.05	369	.01	4	.89	.01	.08	1	1226
L44+00N 42+25E	25	27	23	130	.2	29	6	47	1.59	9	6	ND	1	22	.9	2	2	109	.05	.045	8	16	.05	694	.01	7	.90	.01	.08	1	1793
L44+00N 42+50E	24	29	22	145	.1	31	7	53	2.01	4	5	ND	1	72	.6	2	2	110	.02	.043	7	13	.05	401	.01	8	.90	.01	.07	1	1761
L44+00N 42+75E	35	45	28	209	.4	57	14	157	4.50	13	5	ND	1	16	.7	2	2	126	.01	.062	3	15	.05	271	.01	8	.99	.01	.08	1	1777
L44+00N 43+00E	32	58	125	369	.6	76	27	822	10.53	2	5	ND	1	17	.3	2	3	80	.08	.098	3	17	.05	672	.01	8	.76	.01	.09	1	3026
L44+00N 43+25E	102	51	213	1068	3.0	92	11	157	5.56	34	5	ND	1	13	1.3	19	5	629	.04	.118	3	24	.04	510	.01	10	.84	.01	.07	1	1733
L44+00N 43+50E	66	32	194	1119	.2	104	5	48	2.86	39	6	ND	1	13	1.3	16	3	743	.05	.055	2	33	.06	1238	.01	10	1.06	.01	.08	1	2592
RE L44+00N 44+75E	71	42	60	406	.4	103	6	42	2.13	27	6	ND	1	37	.9	19	2	577	.02	.084	4	30	.05	756	.01	7	.85	.01	.11	1	3836
L44+00N 43+75E	61	48	429	785	.5	83	7	84	4.81	28	5	ND	2	17	1.3	16	5	407	.03	.072	2	25	.05	583	.01	6	.96	.01	.10	1	1900
L44+00N 44+00E	123	51	197	442	.1	92	7	52	3.64	34	5	ND	1	43	1.1	16	2	647	.05	.087	5	30	.06	666	.01	9	.94	.01	.12	1	2123
L44+00N 44+25E	194	71	484	549	.2	63	4	17	2.87	42	5	ND	1	24	2.6	38	3	878	.04	.094	3	41	.04	511	.01	10	.82	.01	.12	1	1456
L44+00N 44+50E	110	53	70	548	.2	145	6	40	2.08	25	7	ND	1	16	3.7	23	2	621	.07	.114	4	40	.05	963	.01	8	.89	.01	.09	1	1954
L44+00N 44+75E	70	43	53	363	.2	97	6	36	2.00	24	5	ND	1	37	.8	17	2	550	.02	.080	4	28	.04	801	.01	10	.81	.01	.11	1	3740
L44+00N 45+00E	50	39	88	304	.3	68	7	34	2.93	24	5	ND	1	78	.4	6	2	313	.01	.078	3	20	.05	440	.01	11	.87	.02	.18	1	2501
L44+00N 45+25E	388	221	119	936	.5	367	10	64	3.23	83	20	ND	1	31	28.0	78	3	1591	.07	.086	11	82	.05	766	.01	9	1.04	.01	.16	1	2005
L44+00N 45+50E	21	31	51	237	.6	45	7	60	2.73	20	5	ND	1	89	.8	4	2	142	.02	.078	4	15	.04	566	.01	6	.64	.01	.16	1	3345
L44+00N 45+75E	17	31	52	245	1.6	46	9	37	3.90	27	8	ND	3	84	.3	6	5	116	.01	.080	4	15	.04	399	.01	7	.82	.03	.21	1	3265
L44+00N 46+00E	15	25	46	210	.8	40	6	30	2.78	27	6	ND	3	85	.2	4	2	120	.01	.067	4	14	.05	516	.01	4	.87	.02	.17	1	3290
L44+00N 46+25E	11	22	31	142	1.1	29	6	62	2.38	16	5	ND	1	50	.2	2	2	91	.01	.051	6	15	.04	505	.02	4	.58	.01	.14	1	13550
L44+00N 46+50E	10	25	29	150	.9	33	6	54	2.15	18	8	ND	1	46	.2	2	2	99	.04	.095	6	17	.06	839	.01	5	.77	.01	.13	1	7563
L44+00N 46+75E	8	20	35	99	.7	23	3	17	1.85	8	5	ND	1	73	.2	2	2	77	.02	.082	3	15	.05	584	.01	6	.90	.03	.17	1	6183
L44+00N 47+00E	13	14	34	45	.1	7	2	14	1.02	11	5	ND	1	65	.2	2	4	104	.01	.045	3	12	.04	433	.01	5	.61	.01	.13	1	114414
L44+00N 47+25E	10	18	12	34	.1	11	1	11	.57	6	5	ND	1	21	.2	2	2	102	.01	.032	2	10	.03	1142	.01	6	.47	.01	.09	1	3217
L44+00N 47+50E	14	15	20	117	.2	25	5	61	1.67	6	5	ND	1	26	.2	2	2	142	.04	.050	6	17	.07	714	.01	4	1.16	.01	.09	1	1980
L44+00N 47+75E	34	29	31	99	.5	21	4	44	2.22	12	6	ND	2	88	.5	4	2	151	.03	.075	5	15	.05	176	.01	5	.81	.02	.22	1	3256
L44+00N 48+00E	22	20	17	138	.3	30	5	45	1.44	9	7	ND	1	18	.2	2	2	151	.04	.061	11	17	.05	278	.01	5	.84	.01	.08	1	1052
L44+00N 48+25E	13	14	17	107	.9	26	7	94	2.82	16	5	ND	1	22	.2	3	2	165	.06	.048	12	27	.35	208	.02	4	1.55	.01	.09	1	1179
L44+00N 48+50E	22	19	23	112	.2	26	5	50	1.83	18	5	ND	1	33	.2	2	2	80	.03	.047	8	14	.07	306	.01	6	.79	.01	.13	1	1293
L44+00N 48+75E	16	27	28	168	.6	20	6	49	2.99	19	5	ND	1	40	.2	6	2	160	.02	.066	5	15	.06	354	.01	7	1.08	.01	.18	1	1308
L44+00N 49+00E	17	27	17	248	.4	22	6	61	3.56	16	5	ND	1	28	.4	8	2	157	.02	.064	5	16	.07	307	.01	6	.94	.03	.19	1	1300
L44+00N 49+25E	13	13	12	123	.1	8	3	12	1.85	15	5	ND	1	7	.2	13	2	171	.02	.038	2	13	.07	207	.01	6	1.10	.01	.13	1	1317
L44+00N 49+50E	16	33	24	245	1.1	18	5	37	3.33	21	5	ND	1	30	.7	15	2	164	.02	.069	3	14	.06	385	.01	5	1.07	.02	.19	1	1532
L44+00N 49+75E	8	21	23	112	.8	11	3	28	1.82	5	6	ND	1	14	.8	6	2	132	.01	.047	4	17	.07	285	.01	3	1.19	.01	.16	1	1225
L44+00N 50+00E	8	20	33	122	.8	15	4	42	2.26	12	5	ND	1	35	.3	2	2	117	.02	.059	5	17	.07	370	.01	2	1.18	.02	.17	1	1526
STANDARD C/CB-1200	20	63	39	135	7.3	71	32	1068	3.96	42	21	7	39	53	18.6	15	21	59	.50	.085	39	60	.95	183	.09	34	1.99	.07	.14	10	2287

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

NOD GRID SOILS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Teck Exploration (BC) PROJECT 1715 File # 92-2519 Page 1

350 - 272 Victoria St., Kamloops BC V2C 2A2

RECEIVED

NOD GRID SOILS

p. 1-11, 3/1

1-3

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
L56+00N 45+00E	24	15	14	114	.3	24	2	15	1.19	11	5	ND	3	30	1.8	6	2	118	.04	.023	4	10	.04	787	.01	13	.44	.01	.15	1	2539
L56+00N 45+50E	20	18	16	113	.1	19	1	6	1.26	10	5	ND	1	41	2.1	2	2	71	.04	.031	3	7	.02	594	.01	10	.33	.01	.14	1	2972
L56+00N 46+00E	12	10	9	72	.1	13	1	11	.73	3	5	ND	1	26	2.3	2	2	83	.13	.020	4	7	.03	711	.01	10	.41	.01	.11	1	1647
L56+00N 46+50E	24	31	21	145	.3	26	2	12	1.63	13	5	ND	1	51	2.3	3	2	106	.05	.044	4	9	.03	658	.01	11	.48	.02	.15	1	5145
L56+00N 47+00E	17	10	13	80	.1	11	1	5	.88	7	5	ND	1	29	.4	2	2	60	.04	.022	3	6	.03	275	.01	10	.37	.01	.12	1	1079
L56+00N 47+50E	5	10	13	27	.3	5	1	2	.25	2	5	ND	1	10	.4	2	2	59	.02	.009	2	7	.03	394	.01	9	.40	.01	.09	1	2131
L56+00N 48+00E	64	15	40	76	.9	12	1	15	2.38	13	5	ND	1	105	1.3	3	2	92	.16	.040	5	10	.05	254	.01	16	.46	.03	.30	1	1623
L56+00N 48+50E	56	13	19	80	.2	17	2	21	1.98	22	5	ND	1	59	.2	5	2	194	.05	.032	6	9	.04	719	.01	7	.43	.02	.15	1	2336
L56+00N 49+00E	8	9	8	60	.4	11	1	11	.61	2	5	ND	1	14	.7	2	2	108	.07	.028	5	14	.03	332	.01	9	.52	.01	.10	1	1264
L56+00N 49+50E	9	140	13	759	1.6	116	10	143	1.90	10	5	ND	1	96	52.9	6	2	82	.90	.082	8	12	.18	460	.01	6	.87	.01	.14	1	1447
L56+00N 50+00E	26	39	20	369	.5	43	6	33	3.80	26	5	ND	1	65	1.7	7	2	182	.05	.078	7	15	.06	235	.01	10	.77	.02	.16	1	2509
L56+00N 50+50E	51	26	29	163	.9	20	1	8	3.69	22	5	ND	1	128	3.2	5	2	127	.16	.079	5	11	.04	118	.01	10	.48	.04	.44	1	1284
L56+00N 51+00E	35	11	7	54	.3	17	3	24	1.51	13	5	ND	1	6	.7	3	2	124	.03	.024	6	8	.03	76	.01	6	.42	.01	.06	1	670
L56+00N 51+50E	67	62	19	333	1.4	138	3	46	3.95	22	5	ND	1	183	4.6	10	2	114	1.28	.094	7	14	.13	640	.01	6	.67	.02	.11	1	1387
L56+00N 52+00E	63	35	35	313	1.3	109	6	76	2.55	30	5	ND	2	156	4.4	7	2	175	.58	.068	5	13	.07	513	.01	10	.57	.02	.26	1	1731
L54+00N 45+00E	14	12	20	135	1.2	16	2	8	1.39	7	5	ND	1	34	1.8	2	2	79	.05	.026	4	7	.04	1030	.01	10	.46	.01	.18	1	7569
L54+00N 45+50E	16	19	17	107	.4	17	2	10	1.23	9	5	ND	1	41	1.4	2	2	66	.07	.033	2	7	.03	723	.01	11	.34	.01	.17	1	6184
L54+00N 46+00E	20	37	18	138	.4	28	2	10	1.89	15	5	ND	2	57	.8	6	2	82	.06	.029	3	9	.04	379	.01	9	.48	.02	.20	1	12505
L54+00N 46+50E	17	20	17	116	.2	19	2	8	1.34	9	5	ND	1	37	.6	3	2	88	.02	.031	2	7	.02	530	.01	9	.39	.02	.16	1	14678
L54+00N 47+00E	14	12	16	105	.4	15	2	19	1.39	8	5	ND	1	30	.3	3	2	92	.02	.026	5	8	.03	488	.01	6	.48	.01	.13	1	1551
L54+00N 47+50E	14	36	37	203	.9	35	4	36	3.01	18	5	ND	1	60	.2	3	2	114	.02	.066	6	11	.04	455	.01	9	.70	.03	.17	1	2637
L54+00N 48+00E	81	41	60	118	.5	16	2	20	6.22	45	5	ND	1	130	.7	3	2	190	.03	.107	4	12	.03	43	.02	8	.44	.06	.63	1	51293
L54+00N 48+50E	23	18	21	94	.3	14	2	19	2.09	15	5	ND	1	49	1.0	4	2	113	.04	.052	6	10	.04	487	.01	9	.56	.02	.18	1	1509
L54+00N 49+00E	59	30	35	59	.8	9	1	18	4.28	26	5	ND	4	149	.2	6	2	177	.03	.081	5	12	.04	97	.01	6	.70	.07	.47	1	2353
L54+00N 49+50E	48	16	36	56	.8	14	1	11	2.57	17	5	ND	1	74	.2	5	2	193	.04	.049	4	12	.06	199	.01	11	.87	.03	.30	1	4376
L54+00N 50+00E	72	28	26	180	.7	51	6	39	3.46	47	5	ND	2	16	.2	5	2	99	.02	.047	3	13	.05	202	.01	14	.77	.01	.18	1	1411
L54+00N 50+50E	14	28	23	240	1.2	19	2	13	2.32	15	5	ND	1	174	.7	5	2	121	.02	.066	5	11	.04	307	.01	7	.83	.02	.16	1	1229
L54+00N 51+00E	49	8	19	27	1.1	7	1	2	1.44	11	5	ND	1	55	.2	4	2	180	.01	.018	2	10	.03	418	.01	8	.47	.02	.19	1	1428
L54+00N 51+50E	270	35	48	203	1.4	21	2	20	7.98	126	5	ND	2	94	.4	28	2	439	.02	.144	7	15	.05	399	.03	6	.70	.03	.21	1	1443
RE L54+00N 49+50E	48	15	38	55	.6	13	1	9	2.55	17	5	ND	1	72	.2	3	2	187	.04	.048	4	13	.05	217	.01	9	.84	.03	.28	1	4782
L54+00N 52+00E	111	34	59	98	.7	18	2	18	3.76	32	5	ND	2	188	.4	7	2	126	.02	.074	5	11	.04	109	.01	7	.74	.05	.37	1	2859
L52+00N 47+50E	17	15	21	136	.3	18	2	21	1.75	10	5	ND	1	50	.2	3	2	111	.01	.031	5	9	.04	793	.01	7	.68	.01	.13	1	8599
L52+00N 47+75E	30	23	43	148	.8	14	1	13	2.13	16	5	ND	1	64	.2	2	2	100	.05	.067	6	13	.04	1070	.01	8	.75	.01	.13	1	3811
L52+00N 48+00E	104	51	60	118	1.5	56	2	26	3.71	58	6	ND	1	159	.5	10	2	248	.12	.144	7	15	.06	251	.01	7	1.13	.03	.29	1	15557
L52+00N 48+25E	46	26	17	119	.8	22	2	32	1.56	15	5	ND	1	63	.5	3	2	102	.16	.048	8	13	.04	1372	.01	8	.62	.01	.12	1	3428
L52+00N 48+50E	48	90	51	158	1.7	89	3	31	3.48	56	13	ND	1	189	5.2	10	2	197	.71	.152	7	16	.17	388	.01	6	1.36	.03	.28	1	4371
L52+00N 48+75E	13	23	20	93	.3	26	2	45	1.08	3	5	ND	1	46	2.9	2	2	66	.38	.049	7	15	.05	686	.01	9	.55	.01	.09	1	1535
STANDARD C/CB-1200	17	59	38	131	7.6	73	31	1049	3.96	43	17	7	37	52	18.6	15	20	57	.49	.084	38	60	.93	182	.08	35	1.94	.08	.17	10	2277

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL BA* .2 GM SAMPLE FUSED WITH 1.2 GM LIBO2, ANALYSIS BY ICP.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 12 1992 DATE REPORT MAILED: Aug 25/92 SIGNED BY. C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
L52+00N 49+00E	13	9	12	77	.6	11	2	23	1.16	5	5	ND	4	16	.2	2	3	145	.05	.040	5	16	.08	569	.01	11	1.16	.01	.14	2	1574
RE L52+00N 50+25E	11	15	18	130	.6	16	5	35	1.71	10	5	ND	2	14	.2	5	2	142	.02	.035	5	16	.07	197	.01	8	1.13	.01	.13	1	1015
L52+00N 49+25E	22	22	19	189	.4	34	6	34	1.92	21	5	ND	2	28	.2	3	2	166	.03	.035	4	15	.08	308	.01	8	1.22	.01	.12	1	1112
L52+00N 49+50E	15	17	23	81	.8	9	3	30	2.02	7	5	ND	2	37	.2	4	3	133	.04	.046	4	15	.08	340	.01	9	1.14	.02	.22	1	1389
L52+00N 49+75E	15	28	12	91	.8	19	4	26	1.68	7	5	ND	1	29	1.1	4	2	117	.19	.044	6	16	.11	486	.01	6	1.17	.01	.14	1	1249
L52+00N 50+00E	10	6	14	46	1.3	5	2	18	.88	3	5	ND	1	9	.2	2	2	58	.02	.030	5	13	.07	196	.01	9	1.03	.01	.15	1	1263
L52+00N 50+25E	11	15	20	128	.6	19	5	35	1.70	8	5	ND	1	14	.2	4	2	139	.02	.033	5	15	.07	186	.01	8	1.12	.01	.13	1	1049
L52+00N 50+50E	9	13	19	119	.4	13	4	28	1.65	11	5	ND	2	20	.2	3	2	138	.04	.037	4	14	.08	263	.01	3	1.25	.01	.17	1	1076
L52+00N 50+75E	10	33	22	249	.8	23	7	103	4.88	12	5	ND	2	36	.9	5	2	166	.02	.078	3	14	.09	325	.01	2	1.15	.01	.20	1	1173
L52+00N 51+00E	11	20	26	367	2.5	30	7	37	3.68	14	5	ND	2	72	.9	14	2	167	.04	.105	4	16	.08	384	.01	8	1.42	.02	.24	1	1164
L52+00N 51+25E	29	9	37	101	1.9	14	4	28	1.96	9	5	ND	1	70	.4	5	2	169	.02	.051	6	16	.06	407	.01	6	.84	.01	.19	1	1154
L52+00N 51+50E	28	20	31	135	1.1	23	6	44	3.11	20	5	ND	3	85	.2	2	2	169	.03	.068	4	18	.09	441	.01	7	1.06	.02	.25	1	1384
L52+00N 51+75E	165	36	20	69	.1	6	8	6	10.40	306	5	ND	1	18	.2	4	2	535	.04	.144	2	20	.06	157	.01	3	.83	.01	.05	1	822
L52+00N 52+00E	16	38	48	286	.9	49	9	28	3.45	25	5	ND	4	167	.2	3	2	131	.02	.066	3	14	.07	277	.01	6	1.04	.03	.24	1	1909
L52+00N 52+25E	9	46	40	270	1.8	68	14	137	5.57	22	5	ND	2	78	.2	2	4	104	.02	.097	4	17	.11	239	.01	2	1.19	.01	.16	1	1608
L52+00N 52+50E	9	23	16	153	.7	26	7	119	3.18	14	5	ND	1	15	.2	2	3	100	.02	.051	5	15	.09	197	.01	6	1.06	.01	.13	1	1345
L51+00N 47+50E	22	25	21	113	.1	18	3	13	1.61	12	5	ND	1	208	.9	4	2	178	.04	.062	2	12	.04	1221	.01	10	.53	.01	.10	1	4040
L51+00N 47+75E	23	19	24	143	.4	25	4	23	1.65	14	5	ND	1	54	.5	3	2	110	.06	.052	3	10	.04	799	.01	8	.54	.01	.13	1	4301
L51+00N 48+00E	37	38	34	172	.6	36	5	62	2.67	24	5	ND	1	103	.8	3	3	200	.22	.080	8	17	.07	497	.01	7	.97	.01	.17	1	14308
L51+00N 48+25E	127	69	23	74	.6	132	5	13	4.76	74	10	ND	2	163	.7	7	2	630	.30	.168	3	16	.04	152	.01	3	.98	.02	.25	1	112415
L51+00N 48+50E	45	14	43	54	.2	12	3	19	1.56	16	5	ND	1	62	.2	2	2	112	.10	.055	4	15	.05	675	.01	11	.53	.01	.20	1	3375
L51+00N 48+75E	33	15	24	123	.2	14	4	37	2.54	16	5	ND	1	130	.2	3	5	200	.18	.079	6	17	.07	697	.01	10	.85	.01	.15	1	1471
L51+00N 49+00E	26	13	21	130	.3	17	4	42	1.83	12	5	ND	1	47	.2	2	2	177	.03	.046	4	16	.09	755	.01	11	1.19	.01	.15	1	3130
L51+00N 49+25E	60	20	8	457	.2	121	20	237	4.05	24	5	ND	1	25	.2	2	2	174	.07	.043	8	14	.06	1445	.01	2	.71	.01	.07	1	141476
L51+00N 49+50E	13	8	10	79	.3	10	3	43	.92	3	5	ND	1	13	.7	2	3	88	.10	.041	8	17	.07	319	.01	7	.88	.01	.10	1	1291
L51+00N 49+75E	16	14	15	129	.7	12	4	27	1.67	8	5	ND	1	23	.2	5	2	105	.09	.042	4	14	.08	489	.01	9	.97	.01	.14	1	1284
L51+00N 50+00E	33	23	10	148	.8	25	5	31	2.15	19	5	ND	1	20	.5	5	3	124	.10	.042	5	13	.07	1076	.01	5	.89	.01	.11	1	2189
L51+00N 50+25E	14	11	28	127	.8	9	3	27	2.48	15	5	ND	2	25	.2	6	2	129	.03	.055	4	13	.07	390	.01	10	1.01	.01	.24	1	1352
L51+00N 50+50E	15	12	20	122	.5	10	4	22	2.35	13	5	ND	2	31	.2	4	2	153	.02	.039	4	14	.08	303	.01	5	1.13	.01	.20	1	1171
L51+00N 50+75E	7	8	10	90	.5	10	4	35	1.25	6	5	ND	2	9	.2	3	3	113	.02	.016	9	15	.08	183	.01	6	1.13	.01	.11	1	929
L51+00N 51+00E	13	15	18	179	.7	18	5	24	2.17	12	5	ND	2	40	.3	3	2	123	.02	.039	4	13	.06	238	.01	7	.90	.02	.18	1	919
L51+00N 51+25E	40	25	24	143	1.1	25	6	43	2.89	14	5	ND	1	70	1.0	2	2	138	.15	.052	7	18	.09	322	.01	4	1.10	.04	.22	1	1287
L51+00N 51+50E	42	30	33	154	.6	42	6	27	2.32	13	5	ND	2	59	.2	2	2	149	.04	.050	3	17	.07	296	.01	5	1.13	.03	.18	1	1179
L51+00N 51+75E	18	17	22	122	.5	18	3	23	1.51	10	5	ND	2	40	.2	3	4	98	.02	.036	4	11	.05	253	.01	8	.82	.01	.16	1	1010
L51+00N 52+00E	10	42	38	255	1.1	102	19	116	4.38	14	5	ND	3	95	.2	2	2	112	.03	.098	5	20	.14	305	.01	2	1.60	.01	.17	1	1380
L51+00N 52+25E	10	16	27	118	.4	19	5	36	1.65	9	5	ND	1	28	.2	2	2	95	.02	.036	5	13	.07	259	.01	4	.99	.01	.13	1	1161
L51+00N 52+50E	6	22	15	162	.6	30	6	59	1.61	7	5	ND	1	10	.2	2	3	96	.02	.029	5	14	.07	218	.01	8	1.04	.01	.12	1	1360
STANDARD C/CB-1200	19	63	39	137	7.5	70	32	1056	3.96	43	18	7	41	53	18.9	14	21	59	.49	.087	39	61	.94	183	.08	35	1.93	.07	.14	10	2249

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
L50+00N 45+00E	22	63	25	387	.8	77	16	260	3.21	29	8	ND	7	79	5.4	7	4	130	.11	.103	5	18	.12	891	.01	8	1.28	.01	.18	2	10942
L50+00N 45+25E	19	31	22	155	.4	31	5	39	2.13	18	5	ND	2	57	1.5	3	2	99	.07	.057	4	13	.06	1119	.01	11	.80	.01	.14	1	16252
L50+00N 45+50E	20	21	27	185	.6	34	5	31	2.19	21	5	ND	3	55	.8	5	2	115	.02	.046	5	11	.04	685	.01	10	.51	.01	.15	1	13407
L50+00N 45+75E	21	18	27	198	.3	38	6	30	2.05	20	5	ND	2	51	.5	5	2	126	.05	.047	5	10	.05	742	.01	13	.55	.01	.14	1	15927
L50+00N 46+00E	20	20	26	228	.2	47	6	31	3.04	28	5	ND	2	73	.2	5	2	119	.01	.066	4	11	.04	465	.01	7	.49	.01	.16	1	23792
L50+00N 46+25E	21	18	23	190	.2	34	6	24	2.21	28	5	ND	2	58	.2	5	2	111	.01	.038	3	9	.04	443	.01	9	.53	.01	.15	1	34768
L50+00N 46+50E	5	3	8	54	.1	9	3	17	.60	4	5	ND	1	19	.2	2	2	68	.03	.018	8	12	.06	1691	.01	10	.91	.01	.08	1	6242
L50+00N 46+75E	17	13	21	140	.1	23	4	31	1.64	14	5	ND	1	62	.2	2	2	124	.02	.036	6	13	.05	1018	.01	9	.82	.01	.13	1	6005
L50+00N 47+00E	19	14	29	177	.5	29	5	30	2.07	17	7	ND	1	60	.2	2	2	134	.03	.040	5	13	.05	944	.01	9	.87	.01	.15	1	10669
L50+00N 47+25E	13	8	22	75	.1	13	3	28	1.16	5	5	ND	1	22	.2	2	2	92	.07	.043	8	15	.04	1694	.01	13	.70	.01	.12	1	15057
L50+00N 47+50E	16	21	40	232	1.4	34	5	29	3.50	21	5	ND	2	96	.3	3	3	106	.02	.081	4	15	.06	577	.01	8	1.00	.03	.21	1	2295
L50+00N 47+75E	18	25	63	222	1.4	32	6	39	3.81	27	5	ND	2	138	.6	3	2	105	.02	.094	5	15	.05	545	.01	6	.94	.01	.23	1	2708
L50+00N 48+00E	19	25	25	265	.4	52	8	84	2.81	20	5	ND	1	78	.4	2	2	126	.05	.051	10	19	.07	881	.02	6	.99	.01	.13	1	30596
L50+00N 48+25E	17	17	38	90	.4	22	4	59	1.54	10	5	ND	1	52	.4	2	2	123	.11	.071	10	23	.05	2265	.02	9	.68	.01	.11	1	40992
L50+00N 48+50E	44	21	23	337	.5	36	7	104	2.81	23	5	ND	1	30	.2	3	2	170	.03	.045	9	15	.05	545	.02	8	.77	.01	.12	1	1702
RE L50+00N 49+75E	33	14	31	104	.7	21	6	54	2.43	14	5	ND	1	41	.2	3	2	122	.02	.033	8	17	.06	321	.01	8	.97	.02	.20	1	1487
L50+00N 48+75E	28	22	10	113	.1	16	3	38	1.27	8	5	ND	1	17	.2	2	2	127	.03	.030	6	14	.07	460	.01	10	.89	.01	.09	1	1283
L50+00N 49+00E	43	8	26	91	.9	14	5	37	3.03	16	8	ND	1	95	.2	5	2	154	.04	.063	6	13	.05	183	.01	4	.56	.03	.25	1	2297
L50+00N 49+25E	16	9	17	75	.6	10	3	40	1.27	9	5	ND	1	20	.3	2	2	115	.04	.022	6	13	.05	411	.01	9	.56	.01	.15	1	1538
L50+00N 49+50E	79	49	53	196	1.8	33	8	95	4.79	65	5	ND	1	194	.4	4	2	251	.12	.131	5	27	.08	303	.01	7	1.15	.03	.23	1	1595
L50+00N 49+75E	33	13	38	98	.6	20	5	53	2.44	15	5	ND	1	44	.2	3	5	120	.02	.035	7	16	.06	309	.01	6	.93	.02	.19	1	1503
L50+00N 50+00E	70	40	11	164	1.0	36	11	51	8.07	107	5	ND	1	5	.2	3	2	199	.03	.111	7	17	.05	97	.02	4	.75	.01	.07	1	630
L49+00N 45+00E	13	21	18	123	.5	22	4	32	1.75	15	5	ND	2	31	.3	3	2	112	.01	.042	9	19	.06	757	.01	8	.92	.01	.12	1	2343
L49+00N 45+25E	20	25	26	201	.3	36	6	50	2.67	22	5	ND	1	60	.3	6	2	113	.02	.065	5	14	.09	566	.01	10	.77	.01	.16	1	12783
L49+00N 45+50E	21	34	24	183	.3	31	6	46	2.91	25	5	ND	1	54	1.1	6	5	86	.02	.058	4	11	.08	599	.01	7	.57	.01	.15	1	12481
L49+00N 45+75E	20	27	24	158	.4	31	5	31	3.04	24	5	ND	2	59	.3	5	2	104	.02	.079	3	14	.06	610	.01	10	.88	.01	.17	1	13409
L49+00N 46+00E	21	21	24	152	.1	25	4	26	2.49	23	5	ND	1	46	.2	4	2	131	.01	.052	3	12	.05	873	.01	10	.76	.01	.13	1	8462
L49+00N 46+25E	21	26	19	130	.4	22	4	26	2.08	20	5	ND	1	45	.2	4	4	111	.03	.070	4	12	.05	1020	.01	8	.70	.01	.13	1	11622
L49+00N 46+50E	22	31	18	131	.8	27	4	24	2.36	26	6	ND	2	48	1.0	5	3	112	.03	.077	4	13	.05	1004	.01	8	.81	.01	.14	1	13653
L49+00N 46+75E	21	29	27	144	1.2	30	5	27	2.49	25	5	ND	2	56	1.0	4	2	128	.01	.053	4	12	.05	644	.01	8	.82	.01	.18	1	14644
L49+00N 47+00E	20	24	24	185	1.6	31	6	55	2.65	22	5	ND	2	55	.2	3	2	122	.03	.064	7	17	.10	840	.01	4	1.13	.01	.15	1	11000
L49+00N 47+25E	34	22	74	103	.7	17	5	40	2.68	29	6	ND	1	134	.2	4	2	142	.03	.070	8	15	.05	484	.01	9	.77	.01	.18	1	38733
L49+00N 47+50E	25	21	28	160	.4	32	4	38	2.22	20	5	ND	1	44	.2	4	2	171	.01	.043	3	12	.05	763	.01	8	.76	.01	.14	1	2573
L49+00N 47+75E	25	32	33	198	.7	40	5	30	3.40	35	5	ND	3	71	.2	7	2	158	.02	.084	3	14	.06	643	.01	9	1.08	.02	.18	1	3709
L49+00N 48+00E	23	33	28	193	.9	35	6	48	2.51	16	5	ND	1	63	.4	2	2	107	.03	.072	7	15	.07	762	.01	8	1.08	.01	.16	1	8256
L49+00N 48+25E	19	26	35	237	.6	45	7	48	3.21	23	5	ND	1	79	.2	3	3	123	.03	.072	6	16	.05	782	.01	7	.94	.02	.17	1	6632
L49+00N 48+50E	24	22	31	131	.8	30	6	82	2.00	14	5	ND	2	41	.8	2	2	145	.07	.072	9	21	.08	987	.01	9	.92	.01	.14	1	20175
STANDARD C/CB-1200	19	62	38	135	7.3	70	32	1050	3.96	41	20	7	39	52	18.7	14	21	59	.52	.087	38	59	.93	186	.08	34	2.00	.07	.14	10	2228

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
L49+00N 48+75E	39	31	33	130	.5	24	3	25	2.01	13	5	ND	4	113	1.0	3	2	166	.02	.058	5	12	.05	601	.01	9	.84	.02	.21	1	2390
L49+00N 49+00E	50	72	51	123	.7	58	2	39	2.12	18	5	ND	1	141	2.1	5	2	283	.50	.086	6	20	.09	942	.01	8	.83	.02	.20	1	3007
L49+00N 49+25E	26	41	29	185	.9	38	4	56	2.86	17	5	ND	2	54	1.7	6	2	138	.14	.055	7	15	.12	807	.01	7	1.18	.02	.19	1	2035
L49+00N 49+50E	9	27	33	148	2.2	20	2	27	2.03	7	5	ND	1	48	.5	3	2	133	.05	.082	8	17	.05	326	.01	8	.91	.01	.18	1	1155
L49+00N 49+75E	22	21	24	92	.5	12	1	23	3.73	17	5	ND	2	25	.2	5	2	172	.04	.061	3	14	.07	286	.01	13	1.09	.04	.36	1	1394
L49+00N 50+00E	26	32	61	206	1.2	50	5	66	4.67	17	5	ND	1	203	.5	4	2	170	.07	.087	7	16	.05	155	.01	10	.67	.03	.34	1	1492
L47+00N 39+00E	47	36	61	538	.2	76	5	39	2.32	20	5	ND	1	39	.9	14	2	223	.02	.049	6	16	.04	770	.01	11	.54	.01	.10	1	2351
L47+00N 39+25E	21	26	42	337	1.4	46	4	69	2.54	23	5	ND	2	19	1.5	9	2	210	.08	.098	6	23	.12	1172	.01	14	1.12	.01	.13	1	3100
L47+00N 39+50E	27	23	47	264	.7	48	3	36	1.87	14	5	ND	2	35	.3	6	2	189	.02	.028	8	16	.05	548	.01	9	.75	.01	.09	1	1566
L47+00N 39+75E	33	33	49	445	.5	63	4	66	2.16	18	5	ND	2	29	1.9	7	2	186	.06	.063	6	15	.07	1361	.01	10	.74	.01	.12	1	7575
L47+00N 40+00E	61	41	69	469	.6	100	5	40	2.29	23	5	ND	1	32	1.8	12	2	243	.04	.058	5	17	.03	1025	.01	12	.55	.01	.13	1	3913
L47+00N 40+25E	21	19	28	197	1.0	32	3	35	1.40	10	5	ND	1	23	2.2	7	2	174	.06	.041	8	18	.05	1095	.01	12	.80	.01	.11	1	2325
L47+00N 40+50E	41	28	111	349	1.0	57	2	19	1.74	15	5	ND	1	22	.9	26	2	385	.03	.040	6	21	.04	531	.01	12	.63	.01	.10	1	1236
L47+00N 40+75E	43	28	87	345	.5	59	3	29	2.24	26	5	ND	1	51	1.0	12	2	248	.02	.052	7	19	.05	982	.01	8	.85	.01	.11	1	4125
L47+00N 41+00E	26	23	29	249	.5	43	4	39	1.93	16	5	ND	2	35	.6	7	2	167	.03	.037	6	14	.06	1075	.01	9	.79	.01	.13	1	8953
L47+00N 41+25E	27	43	50	285	.3	49	5	64	2.46	15	5	ND	1	53	1.1	5	2	126	.04	.060	6	14	.05	898	.01	10	.79	.01	.14	1	3015
L47+00N 41+50E	30	37	53	260	.1	45	4	35	2.02	13	5	ND	1	27	1.5	6	2	137	.01	.048	9	15	.04	716	.01	8	.78	.01	.11	1	2036
RE L47+00N 42+75E	33	33	452	1092	2.5	105	4	38	4.50	35	5	ND	6	34	1.7	14	2	425	.23	.495	7	52	.11	916	.01	11	2.04	.01	.14	1	2194
L47+00N 41+75E	39	49	64	307	.4	50	4	39	3.61	20	5	ND	1	45	1.0	7	2	184	.03	.062	6	13	.04	796	.01	10	.68	.01	.14	1	4332
L47+00N 42+00E	25	24	39	244	.1	40	3	23	1.95	15	5	ND	1	36	.5	6	2	167	.02	.038	6	11	.03	925	.01	8	.55	.01	.11	1	4164
L47+00N 42+25E	32	24	68	306	.1	53	3	23	1.99	17	5	ND	1	36	.5	8	2	215	.01	.038	5	13	.04	862	.01	8	.58	.01	.12	1	5143
L47+00N 42+50E	25	22	59	296	.7	49	4	50	1.98	13	5	ND	1	26	.8	7	2	158	.05	.061	8	16	.05	1051	.01	10	.73	.01	.10	1	2866
L47+00N 42+75E	35	35	479	1152	2.6	109	4	41	4.71	39	5	ND	7	35	1.6	17	3	439	.24	.517	8	54	.12	945	.01	11	2.09	.01	.14	1	2155
L47+00N 43+00E	16	26	56	391	1.8	64	3	49	1.81	10	5	ND	1	17	4.3	8	2	132	.12	.059	9	25	.05	386	.01	8	.71	.01	.08	1	1105
L47+00N 43+25E	31	31	137	1568	.1	87	6	358	3.07	24	5	ND	1	24	6.3	11	2	349	.38	.071	9	33	.19	1857	.01	8	1.46	.01	.11	1	3003
L47+00N 43+50E	35	78	455	6888	1.6	487	7	649	2.78	19	5	ND	1	66	36.9	8	2	212	1.55	.110	8	35	.36	789	.01	9	1.49	.02	.10	1	2208
L47+00N 43+75E	58	25	101	550	.1	70	3	59	1.86	13	5	ND	1	35	2.4	7	2	227	.10	.038	6	18	.07	776	.01	7	.91	.01	.10	1	2321
L47+00N 44+00E	61	27	44	355	.9	82	3	47	1.90	16	5	ND	1	24	.6	13	2	408	.03	.037	9	24	.06	1040	.01	6	.97	.01	.09	1	5039
L47+00N 44+25E	137	68	73	829	.4	125	5	117	2.56	32	5	ND	4	12	3.2	39	3	879	.12	.053	9	46	.11	285	.02	12	.96	.02	.10	1	1697
L47+00N 44+50E	107	46	39	626	.1	221	6	61	2.43	33	5	ND	1	8	.6	10	2	701	.03	.047	7	42	.06	363	.01	10	.90	.01	.09	1	1526
L47+00N 44+75E	25	29	30	491	.1	59	4	50	3.16	29	5	ND	2	74	.6	5	2	368	.03	.077	6	22	.12	649	.01	8	1.30	.02	.19	1	4753
L47+00N 45+00E	13	18	35	162	.4	31	4	25	1.64	10	5	ND	2	58	.2	5	2	105	.02	.038	7	15	.06	361	.01	7	.94	.03	.16	1	2052
L47+00N 45+25E	35	49	56	487	.5	107	7	43	3.78	30	5	ND	3	79	.7	11	2	232	.01	.076	7	17	.05	533	.01	9	.83	.03	.18	1	2066
L47+00N 45+50E	15	20	21	174	.1	25	3	23	1.87	14	5	ND	1	44	.3	4	2	121	.01	.036	6	9	.04	434	.01	7	.70	.02	.14	1	1349
L47+00N 45+75E	9	27	38	250	.4	60	7	37	2.74	12	5	ND	1	72	.6	4	2	94	.04	.057	8	15	.05	467	.01	8	.84	.02	.16	1	1681
L47+00N 46+00E	17	48	24	128	1.2	27	3	31	2.08	14	5	ND	2	50	1.4	4	2	135	.03	.070	7	19	.10	1006	.01	7	1.62	.02	.13	1	2111
L47+00N 46+25E	14	19	19	118	.2	14	2	18	1.50	12	5	ND	1	37	.3	3	2	114	.03	.039	6	11	.04	876	.01	8	.68	.01	.12	1	3229
STANDARD C/CB-1200	18	62	39	133	7.6	75	31	1057	3.96	42	18	7	40	53	18.8	14	19	58	.49	.084	40	60	.93	184	.08	34	1.95	.08	.17	11	2209

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
L47+00N 46+50E	18	23	29	187	.3	26	5	29	2.49	17	5	ND	6	92	.2	3	2	132	.04	.053	4	12	.05	625	.01	4	.73	.01	.12	1	12493
L47+00N 46+75E	37	24	26	187	.3	24	5	31	2.36	25	5	ND	2	69	.5	4	2	221	.03	.045	3	11	.05	629	.01	8	.71	.01	.14	1	3245
L47+00N 47+00E	52	295	26	142	.7	147	13	474	4.69	86	8	ND	1	181	3.8	4	2	951	.48	.203	2	19	.09	839	.01	2	1.03	.01	.14	1	5043
L47+00N 47+25E	187	73	43	149	.9	30	10	310	4.30	84	6	ND	1	134	1.2	10	3	437	.20	.157	3	19	.07	676	.01	8	.96	.01	.17	1	16586
L47+00N 47+50E	46	56	29	164	.6	28	5	49	2.60	41	5	ND	1	66	.9	5	2	177	.05	.087	4	15	.10	737	.01	7	.97	.01	.17	1	2085
L47+00N 47+75E	34	28	19	149	.2	20	3	32	1.68	16	5	ND	1	42	.5	2	2	101	.04	.052	3	9	.04	542	.01	7	.53	.01	.13	1	1686
L47+00N 48+00E	42	47	27	175	.4	26	6	194	2.22	32	5	ND	1	74	2.0	4	3	163	.37	.080	6	17	.13	991	.01	5	.87	.01	.15	1	2414
RE L47+00N 49+25E	19	26	21	145	.9	20	5	36	2.93	19	5	ND	1	44	.4	5	2	114	.04	.062	3	12	.05	458	.01	6	.82	.02	.18	1	1603
L47+00N 48+25E	22	26	21	178	.4	22	4	27	1.78	12	5	ND	1	55	1.8	3	2	82	.22	.056	4	9	.06	596	.01	6	.51	.01	.13	1	1520
L47+00N 48+50E	38	102	20	245	.7	43	7	79	3.02	18	7	ND	1	51	3.9	7	2	90	.25	.108	4	12	.09	655	.01	3	.91	.01	.14	1	1678
L47+00N 48+75E	21	69	34	525	2.3	46	12	72	8.28	21	5	ND	2	41	1.0	8	2	162	.03	.196	2	15	.05	381	.01	6	.93	.01	.15	1	1348
L47+00N 49+00E	17	27	26	202	.9	12	5	31	3.71	16	5	ND	2	29	.4	6	2	213	.03	.063	4	16	.07	360	.01	4	1.32	.02	.19	1	1296
L47+00N 49+25E	19	27	20	150	1.0	21	5	35	3.02	19	5	ND	1	45	.5	6	2	117	.04	.062	3	14	.05	488	.01	6	.85	.02	.18	1	1584
L47+00N 49+50E	27	24	33	173	.9	19	5	23	3.51	26	5	ND	1	66	.8	7	2	204	.05	.096	3	13	.05	321	.01	8	.72	.04	.25	1	1647
L47+00N 49+75E	26	25	29	137	.5	23	4	30	2.12	19	5	ND	1	62	2.0	8	2	89	.23	.064	4	14	.07	438	.01	9	.52	.03	.19	1	1657
L47+00N 50+00E	31	22	40	105	.9	26	7	65	2.32	22	5	ND	3	53	.6	7	2	116	.03	.066	5	16	.08	432	.01	8	1.05	.02	.23	1	1872
L46+00N 39+00E	18	18	22	191	.3	27	5	45	1.74	9	5	ND	1	19	.3	2	2	141	.02	.037	7	14	.04	654	.01	6	.74	.01	.08	1	1882
L46+00N 39+25E	17	19	17	205	1.9	31	4	28	1.45	7	5	ND	2	11	.3	3	2	149	.02	.025	7	15	.05	473	.01	7	.82	.01	.07	1	1370
L46+00N 39+50E	21	20	25	223	6.6	32	5	31	1.96	11	5	ND	1	43	.4	3	2	148	.02	.037	5	12	.04	706	.01	5	.67	.01	.09	1	2328
L46+00N 39+75E	26	29	38	340	2.6	60	5	31	1.85	17	5	ND	2	36	.5	8	2	183	.02	.033	4	17	.04	1091	.01	7	.63	.01	.09	1	4573
L46+00N 40+00E	23	63	191	676	1.7	105	8	165	1.93	19	5	ND	3	38	7.3	8	2	133	.39	.141	7	25	.09	2052	.01	13	.51	.01	.12	1	8653
L46+00N 40+25E	217	81	132	1032	.7	221	9	59	3.33	43	7	ND	1	19	5.8	25	2	529	.18	.085	6	33	.06	753	.01	8	.82	.01	.09	1	1984
L46+00N 40+50E	53	29	38	367	.4	76	6	31	1.95	21	5	ND	1	32	.7	8	2	224	.04	.040	4	15	.04	950	.01	6	.65	.01	.10	1	3438
L46+00N 40+75E	45	39	76	425	.5	73	7	46	2.79	34	5	ND	1	58	1.3	14	2	281	.04	.067	4	17	.05	830	.01	7	.72	.01	.13	1	7171
L46+00N 41+00E	161	167	156	1046	3.8	184	10	52	4.06	51	5	ND	2	33	3.0	67	2	1052	.04	.083	5	50	.05	643	.01	8	.94	.01	.12	1	2017
L46+00N 41+25E	24	42	45	319	1.3	58	11	189	2.89	13	5	ND	1	61	3.8	4	2	120	.26	.050	5	17	.14	1136	.01	7	.81	.01	.15	1	2636
L46+00N 41+50E	22	25	40	200	.9	34	7	108	2.60	7	5	ND	1	39	.8	2	2	81	.30	.034	3	11	.10	1269	.01	11	.69	.01	.11	1	3269
L46+00N 41+75E	23	25	30	239	.8	39	5	33	1.68	10	5	ND	1	25	.4	4	2	166	.06	.049	4	16	.06	777	.01	10	.90	.01	.09	1	2154
L46+00N 42+00E	22	23	40	226	.3	39	5	36	1.92	11	5	ND	1	43	.6	4	3	155	.04	.041	6	14	.05	953	.01	5	.72	.01	.11	1	4981
L46+00N 42+25E	27	21	34	234	.3	39	5	30	1.74	14	5	ND	1	24	.5	5	2	179	.04	.030	5	12	.04	698	.01	8	.54	.01	.08	1	1976
L46+00N 42+50E	24	31	34	191	.2	37	6	48	1.87	10	5	ND	1	17	.5	2	2	165	.05	.035	6	14	.04	568	.01	7	.74	.01	.08	1	1680
L46+00N 42+75E	30	16	35	214	.1	43	4	27	1.46	14	5	ND	1	24	.3	5	2	186	.02	.022	6	11	.04	1017	.01	6	.48	.01	.09	1	3992
L46+00N 43+00E	37	24	57	326	.4	52	5	23	2.01	19	5	ND	1	39	.3	8	2	215	.02	.040	4	12	.03	888	.01	5	.45	.01	.11	1	6599
L46+00N 43+25E	41	34	67	351	.4	68	5	27	1.91	12	5	ND	1	26	.4	8	2	235	.05	.056	4	21	.04	358	.01	5	.71	.01	.09	1	1274
L46+00N 43+50E	33	30	36	199	.7	37	5	41	1.47	8	5	ND	1	24	1.4	5	2	159	.11	.047	9	21	.04	1595	.01	7	.71	.01	.06	1	6100
L46+00N 43+75E	44	40	144	360	.5	53	6	78	1.79	9	5	ND	1	27	4.6	4	2	232	.54	.038	11	20	.05	1161	.01	2	.73	.01	.07	1	1956
L46+00N 44+00E	80	43	229	625	.9	83	4	44	1.72	22	6	ND	1	16	3.4	7	2	379	.24	.051	4	22	.06	529	.01	5	.86	.01	.09	1	1340
STANDARD C/CB-1200	20	60	39	136	7.5	70	32	1047	3.96	41	18	7	41	52	18.0	14	21	61	.49	.087	38	60	.93	183	.08	34	2.03	.06	.14	11	2221

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

Teck Exploration (BC) PROJECT 1715 FILE # 92-2519

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
L46+00N 44+25E	104	24	181	258	.7	50	4	44	2.02	11	5	ND	2	10	1.2	4	2	335	.04	.039	13	25	.04	336	.02	9	.67	.01	.06	1	991
L46+00N 44+50E	98	40	28	546	1.0	129	4	33	2.13	21	5	ND	1	14	1.1	30	2	609	.05	.045	10	36	.06	957	.01	9	.83	.01	.09	1	2421
L46+00N 44+75E	171	51	66	656	.8	264	7	79	2.57	25	5	ND	1	6	1.0	7	2	578	.03	.063	8	42	.06	185	.01	9	.93	.01	.08	1	1600
L46+00N 45+00E	45	26	56	332	.8	78	3	20	1.70	21	5	ND	1	38	.5	10	2	409	.01	.035	7	20	.04	460	.01	6	.71	.02	.14	1	1842
L46+00N 45+25E	11	17	16	123	.5	27	3	26	1.27	6	5	ND	1	15	.2	2	2	108	.01	.041	10	19	.06	875	.01	6	1.05	.01	.10	1	2131
L46+00N 45+50E	17	23	34	181	.4	35	3	23	2.11	15	5	ND	1	64	.2	2	2	104	.01	.046	5	11	.04	561	.01	6	.65	.02	.17	1	13666
L46+00N 45+75E	15	28	31	250	.3	43	4	24	2.82	17	5	ND	2	74	.3	2	2	136	.01	.052	5	11	.04	475	.01	7	.74	.03	.17	1	1724
L46+00N 46+00E	16	26	41	201	.6	37	4	27	2.45	14	5	ND	1	70	.3	2	2	133	.02	.059	6	13	.04	496	.01	8	.71	.01	.17	1	1701
L46+00N 46+25E	16	17	23	139	.5	23	3	30	1.95	11	5	ND	1	61	.2	2	2	126	.01	.038	5	12	.05	746	.01	7	.78	.02	.15	1	3761
L46+00N 46+50E	15	19	21	131	.7	21	2	32	1.37	14	5	ND	1	77	.4	2	2	115	.04	.048	4	10	.04	1035	.01	8	.68	.01	.15	1	28096
L46+00N 46+75E	19	40	54	203	.4	40	2	13	2.13	38	5	ND	2	358	.7	3	2	116	.07	.077	2	13	.06	1135	.01	7	.94	.01	.14	1	141062
L46+00N 47+00E	18	14	24	76	.2	12	2	22	1.06	8	5	ND	1	58	.3	2	2	112	.03	.045	7	14	.05	724	.01	8	.68	.01	.13	1	3611
L46+00N 47+25E	16	18	20	108	.4	17	2	42	1.27	6	5	ND	1	16	.4	2	2	113	.08	.056	7	15	.04	513	.01	8	.63	.01	.11	1	1319
L46+00N 47+50E	19	19	20	96	.6	18	3	53	2.02	11	5	ND	1	43	.3	2	2	153	.05	.055	8	18	.05	558	.01	7	.84	.01	.18	1	3884
L46+00N 47+75E	16	12	15	89	.4	14	2	48	1.40	5	5	ND	1	17	.3	2	2	137	.08	.052	10	19	.05	419	.01	7	.82	.01	.11	1	1274
L46+00N 48+00E	22	20	23	185	.6	24	3	24	2.14	15	5	ND	1	44	.4	3	2	118	.01	.042	4	11	.05	533	.01	6	.78	.02	.17	1	1668
L46+00N 48+25E	19	26	23	198	.8	19	2	26	3.10	30	5	ND	2	51	1.0	8	2	123	.03	.071	4	12	.06	386	.01	10	.88	.04	.29	1	1552
L46+00N 48+50E	26	34	26	199	.8	17	2	24	3.43	22	5	ND	1	38	.6	6	2	146	.05	.085	5	17	.07	444	.01	10	1.08	.03	.23	1	1369
L46+00N 48+75E	10	32	15	151	.9	16	2	22	1.84	11	5	ND	1	21	.6	3	2	118	.01	.080	5	18	.08	686	.01	7	1.49	.01	.15	1	1611
L46+00N 49+00E	16	60	24	193	1.3	21	2	34	3.95	29	5	ND	3	38	1.3	11	2	171	.02	.088	4	19	.09	246	.01	7	1.65	.03	.28	1	1910
L46+00N 49+25E	12	19	22	126	.6	22	3	24	1.63	12	5	ND	1	53	.3	2	2	108	.02	.047	5	13	.05	661	.01	7	.87	.02	.14	1	1711
L46+00N 49+50E	15	26	25	168	1.2	28	3	32	2.02	15	5	ND	1	64	.9	4	2	103	.02	.080	6	14	.05	587	.01	7	.84	.02	.16	1	1493
L46+00N 49+75E	19	22	32	242	.6	29	4	32	2.70	18	5	ND	1	74	.6	7	2	124	.02	.058	6	12	.05	422	.01	6	.78	.03	.19	1	1240
L46+00N 50+00E	15	16	20	105	.2	17	2	20	1.26	12	5	ND	1	38	.4	4	2	97	.04	.027	5	10	.05	401	.01	6	.72	.01	.11	1	1172
L45+00N 39+00E	40	25	35	335	.6	55	4	31	1.56	15	5	ND	1	8	.8	8	2	208	.02	.043	5	19	.04	423	.01	10	.64	.01	.07	1	3647
RE L46+00N 49+25E	16	20	27	133	.8	24	3	25	1.69	14	5	ND	1	55	.3	2	2	116	.02	.050	6	14	.05	671	.01	7	.89	.02	.14	1	1653
L45+00N 39+25E	33	46	136	840	1.8	127	10	305	2.29	20	5	ND	1	41	8.8	8	2	169	.64	.117	9	24	.09	1299	.01	15	.71	.01	.14	1	3028
L45+00N 39+50E	54	42	70	361	.6	57	4	34	2.01	17	5	ND	1	29	3.0	4	2	177	.15	.063	7	17	.06	848	.01	10	.83	.01	.13	1	2003
L45+00N 39+75E	49	42	47	346	.6	66	8	80	2.87	17	5	ND	1	12	.6	3	2	191	.02	.062	3	17	.05	310	.01	12	.87	.01	.11	1	1833
L45+00N 40+00E	45	49	62	371	.5	75	8	89	3.00	21	5	ND	1	17	.9	3	2	145	.05	.042	2	15	.05	486	.01	10	.92	.01	.15	1	2196
L45+00N 40+25E	43	40	74	324	1.1	55	7	67	2.93	16	5	ND	2	24	2.1	2	2	141	.02	.044	5	14	.04	418	.01	9	.76	.01	.17	1	4070
L45+00N 40+50E	41	36	51	294	.6	50	6	68	2.82	16	5	ND	2	22	1.3	2	2	151	.03	.053	5	13	.05	560	.01	10	.75	.01	.13	1	1905
L45+00N 40+75E	28	43	89	206	1.2	43	5	73	2.69	12	5	ND	1	134	2.9	2	2	104	.41	.078	7	20	.12	1515	.01	9	.86	.01	.19	1	4069
L45+00N 41+00E	74	97	44	370	1.3	68	6	33	10.03	69	5	ND	2	108	2.4	2	2	91	.19	.170	4	12	.07	323	.01	8	.86	.02	.29	1	3946
L45+00N 41+25E	25	20	33	199	.7	34	4	38	1.73	14	5	ND	1	20	.7	2	2	147	.02	.027	7	12	.04	707	.01	6	.74	.01	.11	1	1845
L45+00N 41+50E	27	39	33	201	.3	36	6	64	2.83	12	5	ND	1	22	.7	2	2	139	.04	.035	7	13	.05	875	.01	9	.81	.01	.13	1	2618
L45+00N 41+75E	32	22	34	225	.5	45	4	36	1.85	15	5	ND	1	22	.8	2	2	150	.04	.028	4	11	.04	999	.01	8	.58	.01	.12	1	2655
STANDARD C/CB-1200	18	61	40	134	7.3	77	31	1058	3.96	42	19	8	39	52	19.0	13	21	57	.52	.085	39	60	.93	183	.09	33	1.94	.08	.17	10	2204

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
L45+00N 42+00E	21	12	23	147	.3	24	3	30	1.34	10	5	ND	7	13	.2	2	3	128	.02	.025	7	11	.04	401	.01	4	.69	.01	.08	1	1410
L45+00N 42+25E	24	15	25	124	.3	21	4	32	1.64	13	5	ND	2	14	.2	3	5	121	.02	.029	6	12	.05	435	.01	5	.89	.01	.11	1	2025
L45+00N 42+50E	23	20	27	175	.5	29	5	41	2.08	13	5	ND	3	19	.6	3	3	141	.01	.030	7	13	.06	334	.01	6	1.00	.01	.09	1	1433
L45+00N 42+75E	24	10	17	40	.8	10	1	18	.69	3	5	ND	1	7	.2	2	4	59	.02	.022	3	10	.05	277	.01	7	.84	.01	.11	1	1927
L45+00N 43+00E	21	98	81	440	.6	118	32	885	12.37	11	5	ND	3	22	2.5	2	2	47	.12	.046	12	23	.14	1431	.01	3	1.74	.01	.07	1	3835
L45+00N 43+25E	53	38	99	511	.7	91	7	107	3.09	23	5	ND	1	19	1.1	11	2	456	.03	.064	6	26	.07	354	.01	5	1.04	.01	.09	1	1406
L45+00N 43+50E	65	31	119	493	1.4	90	4	96	1.80	17	5	ND	1	8	1.9	20	2	314	.11	.069	4	24	.04	308	.01	12	.53	.01	.09	1	1183
L45+00N 43+75E	35	26	100	277	.5	47	4	118	2.33	26	5	ND	1	8	1.0	11	2	235	.04	.077	5	24	.06	168	.01	7	.79	.01	.07	1	944
L45+00N 44+00E	232	94	153	835	1.6	108	6	34	4.87	103	9	ND	2	21	2.7	60	3	1488	.06	.121	4	47	.06	799	.01	15	.99	.01	.13	1	2075
L45+00N 44+25E	173	72	78	947	.9	274	7	99	2.95	57	10	ND	1	10	8.0	32	2	1072	.04	.049	4	38	.05	741	.01	9	.96	.01	.10	1	2185
L45+00N 44+50E	133	80	43	938	.9	267	7	39	2.60	50	5	ND	1	15	4.8	50	3	1364	.04	.052	3	44	.05	625	.01	19	.91	.01	.15	1	1922
L45+00N 44+75E	32	36	48	138	1.4	34	5	10	5.56	21	5	ND	3	102	.7	6	2	194	.02	.077	3	25	.04	56	.01	4	.81	.21	.24	1	4227
L45+00N 45+00E	18	22	37	230	.8	44	5	33	2.69	19	5	ND	2	54	.3	4	2	152	.02	.072	5	16	.05	639	.01	6	.91	.02	.15	1	2480
L45+00N 45+25E	9	41	30	230	.6	63	10	64	3.46	19	5	ND	3	18	.3	4	2	100	.01	.072	2	14	.06	316	.01	6	.98	.01	.14	1	1925
L45+00N 45+50E	13	33	32	146	1.0	30	7	85	3.61	13	5	ND	1	57	.6	2	2	107	.03	.085	8	22	.13	525	.01	3	1.51	.02	.16	1	8378
L45+00N 45+75E	13	20	35	168	.6	29	5	36	2.05	12	5	ND	2	67	.4	3	2	102	.03	.054	6	16	.06	728	.01	9	.85	.01	.17	1	7033
L45+00N 46+00E	16	26	43	284	1.0	62	6	32	3.47	24	5	ND	1	193	.5	6	2	101	.02	.106	5	15	.05	527	.01	8	.82	.01	.22	1	3417
L45+00N 46+25E	9	25	25	144	.5	30	6	82	2.52	12	5	ND	1	62	.2	2	2	97	.03	.049	9	16	.06	627	.02	6	.82	.01	.14	1	3230
L45+00N 46+50E	10	17	27	118	1.2	24	5	57	1.96	15	5	ND	1	64	.2	2	2	88	.03	.050	6	14	.06	810	.01	4	.76	.01	.13	1	4895
L45+00N 46+75E	14	35	38	255	.7	48	8	55	3.39	27	5	ND	4	148	1.0	5	2	119	.04	.087	5	16	.07	206	.01	6	.94	.03	.22	1	29420
RE L45+00N 46+25E	9	24	31	145	.5	30	6	83	2.60	11	5	ND	1	62	.3	2	2	99	.03	.050	8	16	.06	640	.02	7	.83	.01	.14	1	3353
L45+00N 47+00E	11	9	32	76	.3	15	3	42	1.40	8	5	ND	1	61	.3	2	2	106	.02	.032	6	12	.05	656	.01	8	.73	.01	.11	1	120256
L45+00N 47+25E	55	12	57	117	.8	47	5	35	3.18	40	5	ND	1	150	.2	5	2	251	.03	.078	7	16	.04	134	.01	6	.54	.02	.24	1	51328
L45+00N 47+50E	15	6	9	236	.5	6	1	7	.37	5	5	ND	1	10	.3	2	3	92	.02	.016	2	9	.03	499	.01	8	.46	.01	.09	1	2007
L45+00N 47+75E	12	7	7	51	.6	14	3	15	.68	2	5	ND	2	12	.2	2	4	78	.01	.025	4	10	.04	876	.01	10	.55	.01	.09	1	1949
L45+00N 48+00E	27	27	27	72	.7	15	4	24	2.09	12	5	ND	1	62	.4	3	2	140	.02	.057	4	16	.05	336	.01	7	.80	.01	.23	1	2065
L45+00N 48+25E	16	18	18	103	.6	17	5	43	1.95	14	5	ND	1	32	.2	3	2	113	.02	.037	6	16	.06	452	.01	5	1.00	.01	.14	1	1765
L45+00N 48+50E	36	25	28	139	.4	19	5	27	2.95	32	5	ND	1	43	.2	2	2	105	.02	.065	4	18	.07	312	.01	7	1.10	.03	.26	1	1347
L45+00N 48+75E	17	32	20	175	.9	20	5	36	3.14	20	5	ND	2	37	.5	8	2	167	.01	.058	4	14	.06	389	.01	4	.97	.02	.20	1	1425
L45+00N 49+00E	9	16	16	113	.8	15	3	25	1.50	7	5	ND	1	14	.5	3	2	134	.02	.052	4	15	.07	424	.01	7	1.26	.01	.17	1	1431
L45+00N 49+25E	12	13	20	115	.6	16	3	21	1.90	9	5	ND	1	31	.3	3	2	134	.02	.054	3	16	.07	361	.01	6	1.11	.02	.17	1	1347
L45+00N 49+50E	8	18	18	118	.8	16	4	39	1.92	9	5	ND	1	32	.4	2	2	113	.02	.046	5	14	.06	371	.01	6	.98	.01	.16	1	1389
L45+00N 49+75E	14	24	29	221	1.1	27	6	43	3.01	14	5	ND	1	67	.8	8	2	145	.01	.059	7	16	.06	418	.01	8	.98	.02	.19	1	1406
L45+00N 50+00E	19	28	22	45	.7	12	3	20	1.30	6	5	ND	1	122	.2	3	2	128	.02	.048	4	15	.05	607	.01	7	.80	.02	.14	1	1881
L43+00N 50+00E	9	17	33	164	1.0	25	4	39	2.81	17	5	ND	1	30	.2	2	2	89	.03	.065	5	16	.06	367	.01	3	1.02	.01	.17	1	1771
L43+00N 50+25E	7	18	26	148	.7	20	4	36	2.30	11	5	ND	1	31	.4	2	2	91	.03	.054	6	15	.07	321	.01	4	1.11	.01	.15	1	1533
L43+00N 50+50E	6	18	22	124	.3	22	3	19	1.50	8	5	ND	2	20	.3	2	2	78	.01	.074	6	21	.08	330	.01	5	1.50	.01	.13	1	1579
STANDARD C/CB-1200	19	57	39	132	7.6	70	32	1043	3.96	42	21	7	40	52	17.7	14	20	57	.51	.087	38	59	.92	183	.08	33	2.02	.06	.14	11	2185

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
L43+00N 50+75E	8	28	30	187	1.2	42	4	45	2.28	15	5	ND	3	25	.8	2	2	95	.02	.080	5	18	.07	322	.01	6	1.26	.01	.17	1	1487
L43+00N 51+00E	7	30	46	230	1.7	49	4	46	3.09	19	5	ND	2	24	.7	2	2	90	.02	.082	5	18	.08	294	.01	5	1.19	.01	.18	1	1453
L43+00N 51+25E	6	23	29	175	.5	37	4	29	2.10	15	5	ND	2	15	.5	2	2	99	.01	.056	5	18	.08	231	.01	5	1.32	.01	.15	1	1283
L43+00N 51+50E	5	23	40	175	1.4	34	4	44	2.41	16	5	ND	2	29	.5	2	2	83	.02	.050	5	18	.11	225	.01	6	1.24	.01	.18	1	1344
L43+00N 51+75E	5	27	22	252	.3	49	4	64	2.58	13	5	ND	2	16	.5	2	2	73	.02	.042	3	10	.05	184	.01	7	.68	.01	.18	1	1441
L43+00N 52+00E	7	21	24	160	.8	32	4	35	1.74	11	5	ND	2	12	.3	3	2	101	.01	.041	7	18	.05	226	.01	10	1.01	.01	.14	1	1067
L43+00N 52+25E	12	21	32	189	.2	39	4	27	2.00	18	5	ND	2	48	.4	2	2	102	.01	.041	4	13	.05	749	.01	11	.80	.02	.14	1	10704
L43+00N 52+50E	10	11	22	34	.2	9	1	6	.58	5	5	ND	1	39	.3	2	2	51	.02	.017	2	9	.03	569	.01	14	.43	.01	.12	1	1999
L43+00N 52+75E	6	17	27	49	.7	12	1	13	.78	6	5	ND	2	25	.4	2	2	64	.04	.035	5	14	.03	1886	.01	15	.76	.01	.11	1	5187
L43+00N 53+00E	15	30	30	102	1.2	21	1	17	1.34	16	5	ND	2	92	1.0	2	2	124	.05	.068	5	17	.05	1167	.01	15	.86	.02	.18	1	3869
L43+00N 53+25E	34	23	26	164	1.7	22	2	11	2.28	15	5	ND	2	128	.9	3	2	141	.02	.055	4	14	.05	409	.01	13	.74	.02	.29	1	1058
L43+00N 53+50E	51	33	50	255	1.1	41	2	11	4.39	37	5	ND	2	107	1.1	2	2	152	.03	.067	3	22	.05	77	.01	13	.68	.03	.57	1	1561
L43+00N 53+75E	32	52	35	444	2.4	77	5	28	2.02	24	5	ND	1	71	2.0	10	2	270	.04	.066	9	32	.05	455	.01	12	.90	.01	.15	1	1099
L43+00N 54+00E	19	81	40	1740	5.9	241	14	304	3.54	39	5	ND	4	34	29.1	12	2	274	1.39	.327	28	69	.17	731	.01	10	2.12	.01	.13	1	1197
L43+00N 54+25E	192	101	37	1085	.7	339	14	55	4.99	45	6	ND	3	47	2.6	14	2	682	.03	.099	17	43	.07	229	.01	16	1.04	.01	.19	1	686
L43+00N 54+50E	39	35	22	279	.8	57	4	27	2.35	16	5	ND	1	82	.4	5	2	168	.03	.080	8	19	.05	245	.01	15	.75	.01	.16	1	676
L43+00N 54+75E	39	34	24	433	.7	73	5	33	2.08	18	5	ND	1	40	1.5	6	2	206	.03	.042	8	22	.05	173	.01	11	.74	.01	.13	1	676
L43+00N 55+00E	32	36	31	310	.5	57	4	27	1.82	16	5	ND	2	98	1.0	4	2	209	.02	.065	10	27	.09	237	.01	15	1.36	.01	.15	1	800
L43+00N 55+25E	80	80	24	882	.4	237	13	49	3.31	25	6	ND	2	64	3.5	3	2	306	.06	.113	15	29	.07	305	.01	10	1.16	.01	.14	1	1046
L43+00N 55+50E	27	54	34	389	.5	68	4	43	2.16	21	5	ND	2	83	3.9	4	2	213	.07	.113	10	27	.08	626	.01	13	1.00	.01	.17	1	1365
L43+00N 55+75E	30	55	39	554	.9	91	6	37	2.33	20	5	ND	2	102	11.2	6	2	224	.78	.145	22	27	.14	726	.01	10	.91	.01	.16	1	1392
L43+00N 56+00E	51	68	34	738	.6	138	9	64	3.17	32	5	ND	2	102	3.9	6	2	284	.13	.124	12	28	.07	676	.01	17	.92	.01	.19	1	1470
L42+00N 50+00E	9	23	32	186	.7	33	3	34	2.61	14	5	ND	1	20	.4	2	2	98	.04	.074	7	16	.06	267	.01	6	1.01	.01	.13	1	1374
RE L43+00N 55+25E	84	81	28	936	.5	255	13	51	3.56	28	5	ND	2	66	3.7	4	2	323	.06	.120	15	31	.07	317	.01	11	1.22	.01	.14	1	1033
L42+00N 50+25E	9	35	32	268	.7	51	4	48	3.19	15	5	ND	1	35	.8	2	2	99	.06	.102	6	18	.09	291	.01	5	1.25	.01	.16	1	1539
L42+00N 50+50E	9	32	36	200	2.3	41	4	26	2.82	18	5	ND	2	42	.5	2	2	97	.02	.097	6	19	.07	306	.01	6	1.30	.01	.19	1	1605
L42+00N 50+75E	7	25	34	174	1.4	35	3	34	2.40	14	5	ND	2	26	.4	2	2	97	.02	.070	6	19	.08	279	.01	6	1.44	.01	.17	1	1511
L42+00N 51+00E	7	27	29	216	.7	43	5	42	2.61	13	5	ND	2	33	.4	2	2	108	.04	.082	6	20	.09	271	.01	7	1.47	.01	.19	1	1316
L42+00N 51+25E	8	27	46	233	1.1	42	5	43	2.48	14	5	ND	2	46	.2	2	2	85	.01	.056	5	16	.06	472	.01	8	.99	.01	.19	1	2092
L42+00N 51+50E	6	21	24	161	.7	30	4	26	1.80	13	5	ND	2	23	.2	3	2	91	.02	.046	4	16	.07	283	.01	9	1.13	.01	.16	1	1423
L42+00N 51+75E	21	37	52	193	.7	44	3	19	2.71	27	5	ND	3	338	.2	3	2	99	.02	.085	3	15	.03	344	.01	13	.61	.03	.20	1	34402
L42+00N 52+00E	6	18	16	125	1.0	26	3	39	1.48	6	5	ND	2	12	.4	2	2	97	.01	.029	7	17	.06	288	.01	7	1.05	.01	.13	1	1259
L42+00N 52+25E	28	27	34	287	.9	55	4	28	2.27	19	5	ND	3	71	.3	3	2	196	.01	.039	5	18	.06	383	.01	12	.95	.01	.18	1	1099
L42+00N 52+50E	6	10	20	33	.2	8	1	5	.42	3	5	ND	2	34	.2	2	2	82	.01	.014	2	10	.04	528	.01	16	.67	.01	.15	1	1305
L42+00N 52+75E	7	14	20	98	1.2	20	2	17	.96	8	5	ND	1	20	.2	2	2	99	.01	.021	2	11	.05	221	.01	12	.79	.01	.13	1	1130
L42+00N 53+00E	19	23	28	161	.9	34	3	23	1.58	11	5	ND	2	70	.3	2	2	122	.01	.037	4	14	.04	405	.01	10	.68	.01	.17	1	1361
L42+00N 53+25E	7	39	14	73	1.6	17	2	10	.97	5	5	ND	1	54	.4	2	2	66	.02	.040	4	12	.03	629	.01	9	.67	.01	.11	1	1937
STANDARD C/CB-1200	18	56	39	127	6.9	70	30	1021	3.96	39	18	7	35	53	18.8	18	19	54	.50	.087	36	57	.90	190	.08	35	1.96	.08	.16	12	2187

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

Teck Exploration (BC) PROJECT 1715 FILE # 92-2519

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
L42+00N 53+50E	12	22	39	193	1.7	35	6	35	2.34	13	5	ND	6	141	.3	2	2	93	.01	.058	3	15	.04	603	.01	13	.78	.02	.17	2	20523
L42+00N 53+75E	14	46	23	56	2.6	18	2	10	1.29	6	5	ND	2	127	.2	2	2	113	.02	.047	2	15	.04	673	.01	11	.74	.01	.17	1	2313
L42+00N 54+00E	8	22	19	53	.4	12	1	9	.74	7	5	ND	1	53	.2	2	3	84	.03	.036	2	12	.03	708	.01	11	.57	.01	.12	1	1926
L42+00N 54+25E	7	15	18	118	1.0	22	4	21	1.28	7	5	ND	1	24	.3	2	2	91	.01	.035	5	17	.06	1188	.01	8	1.06	.01	.12	1	2822
L42+00N 54+50E	15	18	22	129	3.0	27	3	15	1.12	8	5	ND	1	68	.2	4	2	125	.01	.037	3	15	.05	549	.01	9	.82	.01	.14	1	1330
L42+00N 54+75E	26	20	39	276	2.2	41	7	21	3.59	16	5	ND	4	142	1.2	13	2	158	.01	.059	4	15	.05	153	.01	8	.89	.03	.38	1	1392
L42+00N 55+00E	12	14	24	110	1.2	19	2	16	1.26	7	5	ND	2	58	.6	3	2	127	.01	.029	2	13	.05	332	.01	13	.84	.01	.17	1	1186
L42+00N 55+25E	46	42	39	433	1.3	86	7	39	2.51	23	5	ND	2	112	1.1	10	2	321	.03	.083	8	24	.06	407	.01	8	.83	.01	.16	1	1076
L42+00N 55+50E	54	68	67	1007	1.7	157	9	34	2.79	63	5	ND	3	169	4.0	25	2	625	.07	.121	12	42	.08	430	.01	11	1.20	.01	.12	1	978
L42+00N 55+75E	23	35	41	615	.4	90	6	26	1.84	28	5	ND	1	74	3.1	8	2	285	.07	.070	9	31	.08	264	.01	9	.98	.01	.09	1	752
L42+00N 56+00E	40	61	25	627	.8	129	9	62	2.68	26	5	ND	1	43	3.6	8	2	325	.31	.295	14	39	.08	318	.01	13	1.02	.01	.14	1	999
L41+00N 50+00E	157	47	38	1699	.7	364	27	99	6.93	75	5	ND	4	19	2.9	21	5	571	.03	.110	7	26	.08	91	.01	5	1.09	.01	.07	1	580
L41+00N 50+25E	19	25	25	222	.4	43	4	37	1.42	12	5	ND	1	47	2.4	3	2	146	.46	.047	15	20	.14	285	.01	5	.97	.01	.08	1	1041
L41+00N 50+50E	39	55	32	805	1.5	113	10	181	2.14	25	5	ND	1	42	8.6	10	2	482	.61	.177	19	37	.14	735	.01	8	1.01	.01	.12	1	1488
L41+00N 50+75E	31	38	22	446	.5	74	5	54	1.26	12	5	ND	1	24	7.0	5	2	401	.18	.063	17	26	.09	605	.01	7	.86	.01	.09	1	1285
L41+00N 51+00E	68	70	26	1917	2.5	319	8	205	1.64	36	6	ND	2	51	21.8	18	2	934	1.17	.127	21	42	.20	723	.01	11	.88	.01	.15	1	1454
L41+00N 51+25E	24	40	15	855	1.3	125	4	60	1.09	12	5	ND	1	37	13.6	5	2	283	.80	.061	14	32	.15	869	.01	5	.70	.01	.09	1	1657
L41+00N 51+50E	77	53	28	1084	1.8	271	9	163	1.33	33	5	ND	4	65	9.9	13	2	569	4.47	.121	16	22	2.24	222	.01	15	.42	.01	.12	1	917
L41+00N 51+75E	14	17	18	188	.4	33	3	19	1.04	7	5	ND	1	35	.9	3	2	130	.10	.040	2	14	.07	325	.01	11	.74	.01	.12	1	1238
L41+00N 52+00E	18	25	27	223	.9	40	4	18	1.64	11	5	ND	1	74	1.2	3	2	145	.03	.053	3	18	.06	433	.01	9	.92	.01	.16	1	1151
L41+00N 52+25E	31	64	44	1277	1.5	204	13	118	2.84	31	5	ND	2	41	10.1	14	2	428	.41	.262	16	49	.21	471	.01	16	1.66	.01	.10	1	981
L41+00N 52+50E	22	40	40	615	.6	80	6	55	2.19	15	5	ND	1	81	5.1	6	3	247	.09	.144	10	32	.09	884	.01	9	1.32	.01	.16	1	1630
L41+00N 52+75E	27	38	35	523	.8	80	6	33	2.04	17	5	ND	1	63	2.4	7	2	230	.03	.083	7	27	.07	605	.01	11	.99	.01	.14	1	1298
L41+00N 53+00E	26	46	38	658	.7	88	9	181	2.39	19	5	ND	1	95	5.3	7	2	237	.48	.153	10	29	.11	915	.01	9	1.02	.01	.16	1	1660
L41+00N 53+25E	13	73	21	926	4.4	361	5	361	1.56	14	5	ND	1	166	36.1	6	2	180	2.46	.174	8	26	.26	1085	.01	13	1.00	.01	.10	1	2721
L41+00N 53+50E	16	47	32	438	1.9	73	5	70	1.59	11	5	ND	1	151	9.2	5	2	174	1.03	.107	9	22	.15	1079	.01	8	.88	.01	.15	1	1762
L41+00N 53+75E	20	15	15	199	.5	40	3	26	.87	7	5	ND	1	26	1.2	4	2	159	.15	.036	11	18	.07	240	.01	8	.55	.01	.08	1	944
RE L41+00N 52+75E	26	35	33	472	.6	74	6	29	1.87	15	5	ND	1	58	2.2	6	3	217	.03	.075	7	26	.07	550	.01	13	.94	.01	.13	1	1327
L41+00N 54+00E	87	40	30	390	.7	129	3	30	1.39	24	5	ND	1	10	1.2	10	2	812	.06	.035	11	39	.07	142	.01	8	.76	.01	.09	1	710
L41+00N 54+25E	47	28	29	405	.5	83	7	105	3.12	33	5	ND	4	61	1.4	7	2	490	.43	.127	12	37	.27	234	.01	4	1.44	.01	.13	1	1103
L41+00N 54+50E	13	23	29	245	.7	59	7	35	3.56	15	5	ND	1	18	.3	3	2	127	.18	.114	5	19	.07	402	.01	6	1.09	.01	.13	1	1664
L41+00N 54+75E	11	33	33	166	1.0	33	6	44	2.58	13	5	ND	1	25	.7	2	2	102	.03	.094	5	20	.08	589	.01	4	1.26	.01	.16	1	2003
L41+00N 55+00E	12	35	39	289	3.7	64	9	59	5.32	21	5	ND	3	49	.9	2	3	107	.03	.133	5	24	.12	372	.01	6	1.63	.01	.15	1	1673
L41+00N 55+25E	8	24	31	195	1.1	35	6	28	2.52	11	5	ND	1	25	.7	2	2	104	.02	.078	5	19	.08	266	.01	5	1.42	.01	.15	1	1394
L41+00N 55+50E	8	25	35	201	.5	40	6	42	2.62	15	5	ND	1	49	.5	2	2	101	.01	.049	5	18	.07	288	.01	4	1.22	.01	.15	1	1455
L41+00N 55+75E	11	18	21	119	.5	26	4	23	2.22	14	5	ND	2	92	.2	3	2	85	.01	.054	2	12	.04	810	.01	7	.61	.01	.11	1	28733
L41+00N 56+00E	10	14	42	87	.7	23	3	15	1.82	14	5	ND	2	211	.2	4	2	56	.01	.053	2	11	.03	291	.01	10	.47	.02	.17	1	77320
STANDARD C/CB-1200	19	57	38	130	7.4	69	32	1042	3.96	41	21	7	40	52	19.1	14	21	57	.52	.087	38	60	.93	191	.08	34	2.01	.06	.14	10	2221

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

Teck Exploration (BC) PROJECT 1715 FILE # 92-2519

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
L40+00N 50+00E	7	17	33	118	.4	23	4	22	1.89	9	5	ND	6	26	.2	2	2	86	.02	.064	6	17	.06	273	.01	4	1.16	.01	.12	1	1356
L40+00N 50+25E	8	19	30	120	1.5	23	4	18	1.88	12	5	ND	3	25	.2	2	2	87	.01	.086	4	19	.06	892	.01	5	1.22	.01	.14	1	2323
L40+00N 50+50E	7	22	32	147	.5	27	5	20	1.86	11	5	ND	2	36	.2	2	2	89	.01	.069	4	17	.06	1053	.01	5	1.15	.01	.15	1	3130
L40+00N 50+75E	6	16	27	127	.4	22	3	14	1.47	11	5	ND	2	18	.2	2	2	85	.01	.047	4	15	.06	255	.01	7	1.05	.01	.14	1	1591
L40+00N 51+00E	7	22	24	113	.4	23	4	24	1.58	10	5	ND	1	37	.3	2	2	78	.02	.050	4	15	.05	385	.01	6	.93	.01	.13	1	1595
L40+00N 51+25E	16	25	76	213	2.4	39	6	34	2.23	14	5	ND	3	59	.4	2	2	103	.01	.057	4	18	.04	596	.01	13	.94	.01	.20	1	5226
L40+00N 51+50E	11	29	40	180	2.7	44	7	26	1.87	14	5	ND	3	50	.4	2	2	102	.01	.053	4	18	.04	454	.01	13	1.10	.01	.13	1	1759
L40+00N 51+75E	9	17	40	73	1.8	21	3	17	1.00	7	5	ND	2	87	.2	2	2	81	.01	.037	3	14	.04	1235	.01	13	.78	.01	.13	1	7712
L40+00N 52+00E	9	19	40	144	1.1	31	5	28	1.61	10	9	ND	2	78	.4	2	2	92	.01	.051	4	14	.05	871	.01	15	.92	.01	.15	1	3373
RE L40+00N 53+25E	24	35	23	229	1.0	46	5	20	2.21	17	6	ND	3	117	.8	5	2	185	.02	.086	4	21	.06	535	.01	10	1.03	.01	.17	1	1443
L40+00N 52+25E	8	18	32	72	.4	23	3	13	.97	5	5	ND	2	77	.2	2	2	94	.01	.033	2	14	.05	927	.01	16	.83	.01	.12	1	7029
L40+00N 52+50E	7	15	18	94	1.0	19	4	20	.94	5	7	ND	1	17	.3	2	2	73	.01	.039	7	17	.04	612	.01	12	.81	.01	.10	1	1631
L40+00N 52+75E	19	23	25	186	.8	34	3	16	1.19	10	6	ND	1	91	.7	3	4	154	.02	.073	4	20	.07	407	.01	14	1.04	.01	.16	1	1119
L40+00N 53+00E	27	34	25	302	1.7	56	4	20	1.75	17	5	ND	1	84	.9	4	2	210	.01	.051	4	18	.06	320	.01	11	.83	.01	.12	1	930
L40+00N 53+25E	25	35	24	239	1.1	45	5	22	2.29	22	9	ND	3	119	1.0	5	2	194	.02	.089	4	21	.06	517	.01	11	1.05	.01	.18	1	1455
L40+00N 53+50E	27	40	32	455	.4	83	6	24	1.77	16	5	ND	1	44	1.2	5	2	200	.04	.058	8	28	.05	247	.01	11	.76	.01	.10	1	878
L40+00N 53+75E	12	17	20	160	.1	26	2	15	.78	7	5	ND	1	35	.8	2	2	150	.03	.044	11	21	.06	188	.01	10	.82	.01	.08	1	878
L40+00N 54+00E	39	31	24	328	.9	68	6	26	2.00	11	5	ND	1	26	.5	2	2	178	.01	.043	8	17	.05	131	.01	11	.75	.01	.10	1	669
L40+00N 54+25E	28	21	25	282	.5	56	4	25	1.42	13	14	ND	2	26	.5	5	2	197	.01	.032	7	17	.05	158	.01	9	.72	.01	.10	1	804
L40+00N 54+50E	11	13	19	132	.9	20	3	25	.99	3	5	ND	1	27	.6	2	2	129	.03	.048	12	19	.09	209	.01	7	.93	.01	.10	1	1035
L40+00N 54+75E	30	28	26	270	.6	51	5	57	2.00	18	5	ND	1	35	1.1	3	2	302	.07	.100	13	29	.14	303	.01	7	1.14	.01	.10	1	1022
L40+00N 55+00E	39	34	43	333	.2	70	4	43	1.61	21	5	ND	2	32	1.1	5	2	464	.04	.065	13	35	.10	203	.01	6	1.13	.01	.09	1	887
L40+00N 55+25E	44	58	39	391	.4	95	4	23	1.67	20	5	ND	2	15	2.0	9	2	516	.11	.146	18	39	.06	245	.01	7	.78	.01	.09	1	865
L40+00N 55+50E	61	125	20	2312	7.1	271	8	127	1.97	54	12	ND	3	72	33.1	35	3	1122	1.54	.575	25	84	.18	618	.01	26	1.14	.01	.24	1	1315
L40+00N 55+75E	60	108	23	601	2.0	137	5	22	1.40	32	11	ND	2	31	7.6	38	2	1068	.60	.277	21	118	.09	207	.01	10	.96	.01	.11	1	500
L40+00N 56+00E	84	39	48	527	.7	142	7	60	2.61	32	5	ND	4	35	1.5	11	2	774	.09	.080	16	49	.14	212	.01	6	1.62	.01	.10	1	887
L38+00N 43+00E	40	20	46	325	.4	57	5	28	1.72	16	5	ND	2	36	.5	8	3	225	.04	.036	4	14	.04	742	.01	8	.56	.01	.10	1	2693
L38+00N 43+25E	29	15	50	200	.6	35	4	20	1.17	9	9	ND	2	28	.2	6	2	196	.02	.025	5	13	.04	1393	.01	8	.73	.01	.08	1	8788
L38+00N 43+50E	34	30	56	394	.6	67	8	62	2.50	14	5	ND	2	39	.7	6	3	197	.07	.073	4	16	.07	979	.01	9	.74	.01	.11	1	6224
L38+00N 43+75E	39	33	67	470	.3	76	10	58	3.20	23	5	ND	2	43	.8	7	2	177	.04	.074	5	16	.08	986	.01	7	.81	.01	.11	1	6103
L38+00N 44+00E	24	21	34	214	.5	38	4	28	2.30	18	5	ND	3	49	.3	4	2	194	.01	.049	3	16	.05	752	.01	5	.88	.01	.13	1	9973
L38+00N 44+25E	30	24	57	310	.4	57	6	31	2.78	17	5	ND	3	85	.3	4	2	202	.01	.058	3	13	.04	523	.01	5	.75	.02	.14	1	3400
L38+00N 44+50E	18	76	45	468	.7	67	11	168	7.43	25	5	ND	2	36	.8	4	2	140	.02	.181	2	17	.07	900	.01	12	1.19	.01	.16	1	3590
L38+00N 44+75E	27	20	45	211	.6	37	6	40	2.44	14	5	ND	2	47	.2	4	2	154	.01	.042	3	13	.05	576	.01	2	.84	.01	.11	1	45416
L38+00N 45+00E	20	78	35	309	1.4	85	7	39	3.68	15	6	ND	2	72	1.4	3	5	132	.07	.090	3	18	.07	1123	.01	9	1.39	.01	.17	1	4823
L38+00N 45+25E	39	31	58	153	.7	30	4	22	2.35	36	5	ND	3	252	.2	5	2	164	.10	.083	3	15	.04	279	.01	12	.61	.01	.17	1	79156
L38+00N 45+50E	37	16	35	79	.4	15	4	50	1.37	11	5	ND	2	140	.3	4	2	175	.09	.067	11	21	.07	1415	.01	7	.88	.01	.10	1	3706
STANDARD C/CB-1200	19	58	39	131	7.5	69	32	1051	3.96	43	17	7	39	53	18.4	14	21	59	.52	.087	38	60	.93	186	.08	35	2.01	.06	.14	11	2185

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
L38+00N 45+75E	23	60	29	250	.8	68	5	31	2.65	20	5	ND	4	104	6.0	3	3	121	.24	.101	5	18	.10	1555	.01	12	1.25	.02	.18	1	4834
L38+00N 45+80E SILT	27	73	28	504	.9	112	9	177	3.32	29	7	ND	2	126	7.0	6	2	96	.45	.085	4	13	.11	527	.01	10	.81	.02	.20	1	12232
L38+00N 46+00E	18	19	31	177	.2	31	3	25	1.85	15	5	ND	1	49	.4	33	2	118	.03	.047	4	11	.04	717	.01	9	.66	.02	.15	1	2508
L38+00N 46+25E	18	24	30	215	.4	37	4	25	2.03	13	5	ND	1	57	1.2	4	3	119	.05	.060	3	13	.05	725	.01	10	.76	.01	.17	1	2073
L38+00N 46+50E	31	26	52	253	.8	43	3	41	2.67	20	5	ND	1	60	1.1	8	3	226	.05	.079	4	18	.07	864	.01	10	1.00	.02	.18	1	5404
L38+00N 46+75E	20	19	23	167	.3	30	3	17	1.86	13	5	ND	1	69	.5	3	2	84	.09	.042	3	9	.05	723	.01	8	.53	.02	.16	1	3281
RE L38+00N 48+00E	33	30	54	177	1.9	42	3	22	2.70	28	5	ND	1	181	1.2	10	2	168	.35	.120	5	17	.06	367	.01	10	.80	.03	.29	1	3302
L38+00N 47+00E	44	34	37	283	2.6	77	6	525	3.61	49	5	ND	2	226	2.5	3	2	154	1.26	.117	5	21	.29	682	.01	8	2.09	.02	.24	1	3198
L38+00N 47+25E	22	13	26	113	.1	20	3	37	1.85	14	5	ND	1	247	.5	2	2	98	.10	.049	7	15	.04	427	.01	8	.64	.01	.11	1	1244
L38+00N 47+50E	24	17	18	140	.1	28	4	38	1.61	10	5	ND	1	62	1.0	2	2	97	.51	.061	8	16	.08	1120	.01	8	.96	.01	.14	1	1566
L38+00N 47+75E	25	22	34	148	.4	28	3	29	2.18	18	5	ND	2	78	.6	5	2	100	.11	.085	3	13	.05	535	.01	12	.74	.02	.24	1	1433
L38+00N 48+00E	37	30	58	184	2.0	43	3	24	2.79	30	5	ND	1	185	1.2	11	2	174	.38	.127	5	14	.06	305	.01	10	.81	.03	.30	1	3053
L38+00N 48+25E	13	14	23	120	.7	20	2	58	1.33	7	5	ND	1	28	.3	2	2	102	.12	.054	5	14	.07	410	.01	9	.89	.01	.16	1	1369
L38+00N 48+50E	17	22	26	140	.1	28	2	19	1.57	13	5	ND	1	51	.2	3	2	117	.03	.045	2	12	.05	364	.01	6	.80	.01	.13	1	23440
L38+00N 48+75E	7	16	24	119	.4	22	2	18	1.36	8	5	ND	1	28	.3	2	2	79	.06	.054	6	15	.06	524	.01	6	.95	.01	.19	1	1667
L38+00N 49+00E	10	25	37	194	.4	35	4	34	2.47	15	5	ND	2	65	.3	3	2	86	.05	.067	5	12	.06	384	.01	6	.83	.02	.18	1	1411
L38+00N 49+25E	8	22	33	171	.4	28	3	19	1.86	12	5	ND	1	47	.4	2	2	88	.03	.062	5	14	.06	427	.01	6	.94	.01	.17	1	1399
L38+00N 49+50E	7	22	26	183	.4	36	4	44	1.90	11	5	ND	1	29	.8	4	2	86	.09	.072	6	17	.05	384	.01	6	.92	.01	.15	1	1303
L38+00N 49+75E	6	23	19	212	.8	35	4	36	1.82	8	5	ND	1	18	.6	2	2	81	.07	.079	5	15	.07	458	.01	5	1.11	.01	.16	1	1303
L38+00N 50+00E	6	28	18	288	.8	34	3	44	2.02	10	5	ND	1	11	1.1	2	2	89	.10	.080	4	17	.07	409	.01	5	1.19	.01	.14	1	1361
L38+00N 50+25E	14	23	25	96	.6	16	2	13	1.06	9	5	ND	1	55	.3	2	2	62	.02	.043	3	11	.03	426	.01	7	.77	.01	.12	1	4100
L38+00N 50+50E	10	16	25	107	.5	20	3	36	1.28	6	5	ND	1	35	.2	2	2	93	.02	.031	5	12	.05	216	.01	7	.75	.01	.11	1	851
L38+00N 50+75E	5	28	27	246	.3	46	6	61	2.71	9	5	ND	1	23	.7	2	2	113	.04	.064	7	18	.07	227	.01	7	1.12	.01	.12	1	1085
L38+00N 51+00E	7	28	26	163	1.0	31	4	30	1.98	7	5	ND	1	21	.4	2	2	101	.01	.065	6	20	.07	303	.01	9	1.31	.01	.18	1	1107
L38+00N 51+25E	43	44	40	102	2.3	23	2	14	6.72	40	5	ND	3	163	1.8	13	2	160	.01	.112	3	18	.05	37	.01	11	.80	.04	.84	1	2296
L38+00N 51+50E	39	36	24	127	.7	27	3	27	2.50	24	5	ND	1	69	.6	5	2	203	.09	.080	7	21	.06	565	.01	11	.93	.01	.21	1	1515
L38+00N 51+75E	25	27	24	174	.5	30	2	17	2.62	20	5	ND	1	78	.5	9	2	151	.02	.077	5	17	.05	525	.01	11	.85	.01	.25	1	1361
L38+00N 52+00E	29	25	17	194	.1	40	3	23	1.58	14	5	ND	1	19	.3	5	2	159	.01	.048	6	19	.05	261	.01	9	.82	.01	.14	1	1500
L38+00N 52+25E	24	30	22	143	.5	32	2	13	1.92	15	5	ND	1	148	.7	3	2	154	.03	.108	9	20	.04	401	.01	10	.70	.01	.18	1	877
L38+00N 52+50E	23	38	23	198	.2	42	2	17	1.48	15	5	ND	1	72	1.2	6	2	157	.15	.075	7	20	.07	394	.01	9	.78	.01	.15	1	970
L38+00N 52+75E	47	59	30	278	.2	58	3	24	2.35	29	5	ND	1	61	1.0	7	2	223	.02	.063	9	22	.06	336	.01	7	.90	.01	.15	1	851
L38+00N 53+00E	21	16	11	115	.3	23	2	25	.98	10	5	ND	1	12	.2	2	2	114	.03	.028	15	19	.04	115	.01	9	.59	.01	.07	1	675
STANDARD C/CB-1200	18	60	38	132	7.6	75	31	1060	3.96	41	18	8	39	52	18.8	15	22	57	.49	.084	39	60	.93	183	.08	34	1.94	.08	.17	10	2136

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

SEEP GRID

GEOCHEMICAL ANALYSIS CERTIFICATE

Teck Exploration (BC) PROJECT 1715 File # 92-2640 Page 1

350 - 272 Victoria St., Kamloops BC V2C 2A2 Submitted by: RANDY FARMER

SEEP GRID

SOILS

P. 1-7

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
L70+00N 55+00E	36	24	35	308	.7	54	6	44	1.75	13	5	ND	9	8	.3	6	2	224	.02	.025	7	15	.04	143	.01	5	.63	.01	.07	2	1358
L70+00N 55+25E	41	27	39	360	.4	67	6	41	1.99	14	5	ND	2	13	.2	8	2	246	.03	.030	6	13	.04	182	.01	6	.63	.01	.08	1	1377
L70+00N 55+50E	27	18	22	207	.3	38	3	33	1.22	12	5	ND	1	7	.5	6	2	158	.01	.017	7	12	.04	125	.01	4	.51	.01	.06	1	1141
L70+00N 55+75E	27	18	23	204	.4	33	4	50	1.33	7	5	ND	1	10	.8	5	2	148	.11	.025	9	12	.04	278	.01	8	.48	.01	.06	1	1281
L70+00N 56+00E	21	21	28	194	.4	34	3	37	.91	6	5	ND	1	18	3.3	3	2	160	.17	.019	7	15	.04	675	.01	3	.48	.01	.07	1	1723
L70+00N 56+25E	10	19	10	105	.1	19	2	18	.45	2	5	ND	1	25	3.4	2	2	108	.50	.011	13	18	.03	467	.01	6	.36	.01	.04	1	1250
L70+00N 56+50E	18	17	22	264	.3	35	3	27	1.09	7	5	ND	1	37	3.1	3	2	171	.21	.029	6	13	.06	1201	.01	7	.55	.01	.12	1	6630
L70+00N 56+75E	25	19	26	219	.6	41	5	33	1.59	8	5	ND	1	30	.5	5	2	157	.03	.032	5	12	.04	814	.01	7	.54	.01	.10	1	5190
L70+00N 57+00E	27	17	15	193	.1	38	3	24	1.07	6	5	ND	1	9	.3	4	2	191	.05	.018	6	12	.04	167	.01	10	.43	.01	.07	1	1092
L70+00N 57+25E	23	14	20	153	.1	29	3	20	.97	5	5	ND	1	12	.2	2	2	176	.01	.014	4	11	.04	204	.01	7	.56	.01	.07	1	1068
L70+00N 57+50E	32	14	26	224	.3	48	3	27	1.31	11	5	ND	1	15	.4	5	2	236	.01	.022	3	12	.04	182	.01	5	.55	.01	.08	1	1036
L70+00N 57+75E	29	35	30	225	.2	51	4	19	1.30	12	5	ND	1	29	.5	7	2	229	.03	.026	3	14	.04	621	.01	13	.61	.01	.11	1	1806
L70+00N 58+00E	25	19	32	206	.2	34	4	23	1.45	10	5	ND	1	28	.2	5	2	184	.03	.023	2	10	.04	246	.01	10	.53	.01	.11	1	1459
L70+00N 58+25E	23	14	18	184	.2	34	4	43	1.51	7	5	ND	2	9	.2	3	2	194	.01	.017	9	13	.04	144	.01	3	.64	.01	.06	1	1048
L70+00N 58+50E	47	43	47	300	.4	56	5	38	2.92	25	5	ND	4	18	.2	9	2	363	.02	.054	5	26	.08	238	.01	7	1.15	.01	.10	1	1550
L70+00N 58+75E	31	36	37	323	.3	59	6	27	2.31	21	5	ND	2	40	1.4	8	2	171	.02	.061	2	12	.04	926	.01	8	.55	.01	.11	1	5855
L70+00N 59+00E	28	31	36	228	.3	41	4	18	1.72	15	5	ND	2	34	.4	6	3	149	.01	.046	2	12	.03	833	.01	6	.51	.01	.11	1	4037
L70+00N 59+25E	58	60	51	526	.4	110	11	132	3.62	30	6	ND	3	55	1.2	11	2	243	.08	.141	7	22	.10	767	.01	9	.87	.01	.13	1	2848
L70+00N 59+50E	49	40	48	336	.5	66	6	33	3.06	48	5	ND	1	56	2.0	6	2	225	.04	.097	4	22	.04	711	.01	7	.67	.01	.14	1	2004
L70+00N 59+75E	47	47	34	180	1.1	65	7	146	2.60	43	7	ND	2	163	1.6	11	2	169	.41	.057	2	11	.09	745	.01	11	.36	.01	.17	1	2950
L70+00N 60+00E	57	43	76	224	2.4	79	6	24	3.07	34	6	ND	1	286	3.1	11	2	178	.46	.084	2	8	.04	250	.01	5	.38	.02	.27	1	2702
L70+00N 60+25E	30	28	34	327	1.0	57	5	35	2.21	20	5	ND	1	55	1.6	6	2	152	.06	.059	2	10	.04	679	.01	9	.45	.01	.15	1	2051
L70+00N 60+50E	32	49	32	420	.5	69	6	52	2.24	27	5	ND	1	49	1.6	7	2	183	.14	.064	2	11	.05	766	.01	9	.47	.01	.14	1	2598
L70+00N 60+75E	38	22	28	271	.2	58	5	29	1.63	13	5	ND	1	26	.9	6	2	236	.04	.035	4	13	.04	220	.01	7	.56	.01	.09	1	899
L70+00N 61+00E	63	59	39	618	.3	150	8	70	2.41	32	5	ND	2	40	3.6	8	3	438	.16	.102	6	23	.07	801	.01	12	.82	.01	.13	1	2252
L70+00N 61+25E	28	20	34	199	.6	31	4	24	1.77	13	5	ND	1	31	.8	4	2	206	.04	.040	4	14	.06	866	.01	13	.86	.01	.13	1	1925
L70+00N 61+50E	30	24	34	248	.3	46	5	34	2.59	26	5	ND	2	54	.7	5	3	235	.03	.087	2	17	.06	628	.01	6	1.02	.01	.15	1	1655
L70+00N 61+75E	19	12	35	150	.2	25	5	61	1.88	8	5	ND	2	22	2.5	4	2	165	.04	.028	7	14	.06	340	.02	8	.73	.01	.11	1	1132
L70+00N 62+00E	22	16	20	106	.2	18	3	23	1.35	8	5	ND	1	16	1.0	2	3	90	.09	.030	3	11	.05	272	.01	13	.77	.01	.12	1	914
L70+00N 62+25E	53	19	22	283	.1	58	4	22	1.47	14	5	ND	1	32	.5	12	3	229	.02	.027	3	9	.03	173	.01	9	.48	.01	.09	1	828
L70+00N 62+50E	49	24	15	358	.1	86	4	24	1.45	15	6	ND	1	21	1.4	33	2	202	.08	.029	3	11	.04	206	.01	9	.40	.01	.09	1	948
L70+00N 62+75E	68	27	13	415	.3	105	7	62	1.64	20	5	ND	3	9	1.3	23	2	314	.05	.021	5	11	.05	57	.01	9	.35	.01	.04	1	610
L70+00N 63+00E	101	30	19	648	1.1	194	7	30	1.81	30	5	ND	1	12	5.1	18	2	897	.14	.029	5	36	.08	194	.01	12	.90	.01	.12	1	797
~~RE L70+00N 62+25E~~	~~58~~	~~19~~	~~25~~	~~311~~	~~.1~~	~~63~~	~~4~~	~~21~~	~~1.53~~	~~18~~	~~5~~	~~ND~~	~~1~~	~~32~~	~~.9~~	~~14~~	~~2~~	~~261~~	~~.02~~	~~.027~~	~~3~~	~~11~~	~~.04~~	~~166~~	~~.01~~	~~10~~	~~.49~~	~~.01~~	~~.09~~	~~1~~	~~829~~
L70+00N 63+25E	47	16	17	152	.1	40	2	17	1.15	7	5	ND	1	41	1.0	5	3	138	.03	.024	4	10	.04	190	.01	15	.51	.01	.10	1	786
L70+00N 63+50E	66	26	28	630	.4	131	5	40	1.61	30	5	ND	1	7	3.7	13	2	487	.07	.031	6	28	.07	96	.01	9	.61	.01	.09	1	754
L70+00N 63+75E	47	48	31	726	.6	170	7	46	2.06	22	5	ND	2	21	4.7	10	6	422	.59	.191	10	73	.11	189	.01	11	1.03	.01	.13	1	788
~~STANDARD C/CB-1200~~	~~20~~	~~60~~	~~41~~	~~138~~	~~7.4~~	~~74~~	~~32~~	~~1067~~	~~3.96~~	~~42~~	~~22~~	~~7~~	~~40~~	~~53~~	~~19.1~~	~~14~~	~~20~~	~~61~~	~~.50~~	~~.086~~	~~38~~	~~61~~	~~.94~~	~~183~~	~~.08~~	~~33~~	~~2.03~~	~~.07~~	~~.14~~	~~10~~	~~2293~~

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL BA* .2 GM SAMPLE FUSED WITH 1.2 GM LIBO2, ANALYSIS BY ICP.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 18 1992 **DATE REPORT MAILED:** Aug 24/92 **SIGNED BY** C. Leong D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
L70+00N 64+00E	48	55	39	1080	2.1	171	9	174	2.12	22	5	ND	5	44	9.9	11	2	283	1.12	.333	27	76	.20	423	.01	14	1.36	.01	.14	2	1051
L70+00N 64+25E	62	37	28	857	.5	159	8	116	2.11	24	5	ND	2	23	11.1	13	2	300	.59	.078	12	33	.12	283	.01	10	1.01	.01	.11	2	990
L70+00N 64+50E	67	36	18	549	.2	125	5	45	2.01	23	5	ND	1	11	4.4	13	2	253	.14	.045	10	23	.05	184	.01	9	.66	.01	.11	1	928
L70+00N 64+75E	47	57	36	349	.3	97	9	85	3.43	25	5	ND	2	28	2.2	2	2	99	.10	.071	5	17	.05	184	.01	13	.60	.01	.18	1	917
L68+00N 55+00E	43	59	14	168	.2	74	11	123	4.74	21	5	ND	1	8	.5	2	2	79	.05	.050	3	12	.06	270	.01	12	.90	.01	.10	1	3181
L68+00N 55+25E	51	47	42	281	.9	110	22	134	5.27	14	5	ND	3	41	.2	3	2	56	.01	.045	3	14	.05	496	.01	12	.91	.01	.17	1	3861
L68+00N 55+50E	38	28	14	271	.2	50	6	49	2.44	16	5	ND	1	6	.3	4	2	154	.03	.030	5	10	.04	158	.01	12	.62	.01	.08	1	1602
L68+00N 55+75E	41	22	21	178	.2	31	3	33	1.45	13	5	ND	1	15	.6	4	2	124	.13	.022	5	8	.04	334	.01	11	.48	.01	.08	1	1719
L68+00N 56+00E	139	106	88	457	.5	63	3	26	2.92	35	5	ND	2	19	8.6	44	2	457	.17	.055	9	27	.03	813	.01	12	.53	.01	.09	1	1511
L68+00N 56+25E	68	24	107	378	.1	66	3	22	1.77	15	5	ND	1	18	.5	10	2	258	.05	.028	5	15	.04	160	.01	10	.63	.01	.05	1	1068
L68+00N 56+50E	57	27	105	356	.1	69	4	25	1.71	15	5	ND	1	18	.7	11	2	237	.01	.027	6	14	.03	131	.01	9	.54	.01	.08	1	1095
L68+00N 56+75E	49	28	72	367	.1	69	3	29	1.66	18	5	ND	1	10	.5	12	2	337	.01	.023	6	15	.04	138	.01	6	.59	.01	.07	1	1009
L68+00N 57+00E	43	18	37	294	.1	56	2	22	1.23	15	5	ND	1	7	.3	11	3	428	.01	.018	9	20	.06	161	.01	5	.82	.01	.05	1	974
L68+00N 57+25E	63	17	17	235	.3	83	3	58	.94	22	5	ND	4	5	1.4	11	2	457	.03	.020	7	30	.09	277	.01	9	.90	.01	.10	1	1246
L68+00N 57+50E	22	11	11	156	.2	29	1	12	.85	7	5	ND	1	7	.3	5	2	178	.01	.017	8	12	.04	185	.01	8	.66	.01	.07	1	1111
L68+00N 57+75E	19	12	7	119	.1	20	1	12	.81	4	5	ND	1	5	.2	2	2	129	.01	.015	5	8	.03	253	.01	6	.43	.01	.06	1	1150
L68+00N 58+00E	31	17	24	230	.2	43	2	36	1.25	9	5	ND	1	17	.2	5	2	186	.04	.020	4	11	.05	203	.01	9	.48	.01	.08	1	1305
L68+00N 58+25E	23	14	19	169	.1	35	2	51	1.53	7	5	ND	2	18	.5	4	2	157	.04	.019	9	12	.04	212	.04	8	.45	.01	.06	1	1167
L68+00N 58+50E	28	13	9	183	.1	44	2	19	.93	8	5	ND	1	6	.8	6	2	169	.04	.015	4	9	.03	134	.01	11	.35	.01	.07	1	843
L68+00N 58+75E	30	21	21	263	.1	47	3	22	1.64	15	5	ND	1	21	.4	8	2	228	.02	.028	3	10	.04	1008	.01	12	.52	.01	.12	1	3674
L68+00N 59+00E	27	18	24	218	.1	43	3	32	1.67	12	5	ND	2	23	.5	7	2	196	.01	.025	6	12	.04	244	.01	11	.69	.01	.10	1	1053
L68+00N 59+25E	33	38	52	521	.3	80	9	151	2.99	27	5	ND	2	47	1.2	9	2	297	.09	.168	4	22	.07	904	.01	14	1.29	.01	.15	1	3772
L68+00N 59+50E	62	52	38	670	1.5	123	7	75	3.62	32	6	ND	3	99	3.7	17	2	164	.30	.106	7	15	.06	897	.01	12	.47	.01	.20	1	3099
L68+00N 59+75E	48	56	37	625	1.2	136	13	212	2.73	24	5	ND	1	61	4.4	14	2	156	.26	.072	6	14	.07	1184	.01	10	.45	.01	.14	1	3687
L68+00N 60+00E	57	56	38	534	.6	114	16	196	2.91	26	5	ND	1	58	4.2	15	2	172	.16	.080	7	14	.06	966	.01	13	.45	.01	.16	1	3247
L68+00N 60+25E	30	38	25	400	.3	71	5	62	2.30	18	5	ND	1	42	2.8	6	2	159	.10	.073	5	11	.04	980	.01	12	.51	.01	.13	1	2932
L68+00N 60+50E	34	36	24	480	.5	88	5	33	2.47	19	5	ND	1	36	3.1	8	2	160	.08	.064	5	12	.04	1074	.01	14	.49	.01	.14	1	3034
L68+00N 60+75E	27	62	25	552	.9	154	9	126	1.96	18	5	ND	2	69	7.2	8	2	160	.56	.080	5	12	.09	1124	.01	14	.50	.01	.13	1	5950
L68+00N 61+00E	29	26	23	308	.4	59	3	26	1.84	16	5	ND	1	33	1.5	6	2	164	.06	.047	3	11	.04	789	.01	11	.53	.01	.15	1	1999
L68+00N 61+25E	72	99	29	4586	.5	787	41	689	5.89	62	5	ND	2	121	15.5	10	2	354	2.09	.100	5	15	.35	571	.01	17	.51	.01	.15	2	2037
L68+00N 61+50E	27	20	20	255	.3	49	3	31	1.54	11	5	ND	1	32	2.0	5	2	171	.08	.035	5	12	.05	565	.01	17	.68	.01	.12	1	1580
L68+00N 61+75E	33	17	18	247	.2	48	3	24	1.53	9	5	ND	1	20	2.1	7	2	188	.04	.032	5	12	.05	993	.01	14	.64	.01	.11	1	2580
L68+00N 62+00E	53	19	16	470	.1	102	3	29	1.32	16	5	ND	1	18	2.1	9	2	370	.13	.023	2	16	.05	400	.01	12	.47	.01	.13	1	1287
L68+00N 62+25E	31	19	21	307	.6	141	3	66	1.51	10	5	ND	1	39	6.8	7	2	205	.70	.027	5	16	.07	999	.01	9	.67	.01	.10	1	2239
RE L68+00N 61+25E	60	94	27	4383	.6	733	39	643	5.70	57	5	ND	1	113	15.7	8	2	333	1.98	.095	4	13	.34	572	.01	14	.50	.01	.14	1	2086
L68+00N 62+50E	81	52	20	1831	.1	427	8	204	1.93	23	5	ND	1	48	11.4	7	2	329	1.50	.085	11	22	.12	336	.01	13	.59	.01	.08	1	1190
L68+00N 62+75E	84	32	21	497	.1	191	5	39	1.81	23	5	ND	1	11	2.5	8	2	358	.21	.035	7	22	.07	332	.01	8	.71	.01	.11	1	1181
STANDARD C/CB-1200	19	60	37	139	7.3	76	32	1113	4.16	42	19	7	37	52	19.1	14	19	61	.50	.089	40	63	.91	183	.09	35	1.95	.08	.16	11	2244

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
L68+00N 63+00E	78	30	19	487	.1	159	4	38	1.74	20	5	ND	3	10	4.5	7	2	294	.22	.037	8	22	.05	248	.01	9	.59	.01	.12	1	1261
L68+00N 63+25E	63	27	11	384	.5	123	3	27	1.44	13	5	ND	1	17	4.0	7	2	257	.54	.023	7	17	.04	244	.01	8	.47	.01	.07	1	1011
L68+00N 63+50E	66	35	29	616	.1	156	5	55	2.09	22	5	ND	1	26	5.3	8	2	392	.77	.042	14	24	.07	263	.01	6	.89	.01	.07	1	979
L68+00N 63+75E	48	14	14	335	.1	87	3	27	1.29	11	5	ND	1	16	2.2	6	2	268	.49	.026	7	16	.05	170	.01	6	.55	.01	.06	1	925
L68+00N 64+00E	25	10	11	159	.1	43	2	20	.76	6	5	ND	1	13	1.8	3	2	140	.32	.019	10	12	.04	170	.01	6	.45	.01	.08	1	995
L68+00N 64+25E	52	67	16	571	1.9	214	7	345	1.88	27	5	ND	1	70	12.8	8	2	306	3.24	.137	31	39	.25	417	.01	16	.64	.01	.09	1	1212
L68+00N 64+50E	31	20	11	422	.3	74	4	66	1.74	12	5	ND	1	22	5.2	5	2	208	.64	.033	9	20	.10	325	.01	6	.72	.01	.08	1	1223
L68+00N 64+75E	63	35	14	620	1.8	144	11	199	2.22	25	5	ND	1	36	7.6	14	2	210	1.04	.061	14	20	.07	471	.01	9	.78	.01	.14	1	1395
L68+00N 65+00E	29	23	7	185	.3	56	3	33	1.14	9	5	ND	1	29	4.1	6	2	123	.82	.024	7	13	.06	385	.01	10	.51	.01	.07	1	1104
L66+00N 55+00E	46	19	31	332	.2	75	2	15	1.14	17	5	ND	1	9	.5	20	2	265	.03	.015	10	13	.02	129	.01	7	.32	.01	.05	1	1028
L66+00N 55+25E	41	27	21	450	.4	65	4	41	2.50	14	5	ND	1	8	.7	6	2	293	.08	.032	8	12	.04	116	.01	7	.72	.01	.06	1	1000
L66+00N 55+50E	22	13	13	114	.2	19	2	30	1.11	5	5	ND	1	7	.6	2	2	83	.07	.016	6	9	.04	261	.01	8	.67	.01	.07	1	1673
L66+00N 55+75E	41	30	20	264	.2	44	4	54	2.66	21	5	ND	2	6	.5	8	2	191	.01	.030	5	10	.03	149	.01	9	.63	.01	.08	1	1776
L66+00N 56+00E	34	24	29	273	.1	45	4	36	1.64	15	5	ND	1	7	.6	9	2	161	.02	.023	7	10	.03	127	.01	10	.54	.01	.06	1	1449
RE L66+00N 57+25E	17	11	7	92	.4	18	2	21	.75	4	5	ND	1	3	.6	4	2	85	.02	.014	10	11	.01	113	.01	6	.24	.01	.04	1	832
L66+00N 56+25E	54	27	24	543	.4	113	5	18	1.74	18	5	ND	1	3	.8	19	2	279	.01	.025	3	16	.03	85	.01	7	.52	.01	.07	1	963
L66+00N 56+50E	26	37	40	339	2.3	82	9	215	5.00	21	5	ND	2	7	1.0	7	2	184	.03	.165	15	33	.11	427	.01	7	1.29	.01	.07	1	1840
L66+00N 56+75E	160	54	191	3377	.9	504	16	2912	8.61	46	5	ND	1	29	36.9	9	2	624	.16	.060	15	47	.14	1699	.01	8	2.93	.01	.05	1	3654
L66+00N 57+00E	50	16	31	334	.2	63	2	68	1.34	12	5	ND	1	4	1.1	10	2	226	.01	.019	6	10	.03	103	.01	6	.39	.01	.04	1	749
L66+00N 57+25E	19	11	10	96	.5	19	2	24	.78	3	5	ND	1	3	.5	3	2	91	.02	.014	10	11	.02	116	.01	7	.24	.01	.04	1	819
L66+00N 57+50E	69	26	59	435	.5	92	2	31	1.54	19	5	ND	1	14	.7	20	2	477	.01	.023	8	18	.04	241	.01	9	.59	.01	.06	1	1181
L66+00N 57+75E	52	15	30	255	.5	59	2	23	1.18	13	5	ND	2	6	.4	8	2	241	.02	.016	11	14	.04	164	.01	8	.54	.01	.06	1	1031
L66+00N 58+00E	21	14	19	150	.2	25	2	14	.93	7	5	ND	1	28	.3	4	2	115	.01	.016	4	8	.03	1562	.01	7	.45	.01	.08	1	47669
L66+00N 58+25E	31	15	54	242	.1	46	3	34	2.11	14	5	ND	1	24	2.7	5	2	291	.01	.036	7	18	.06	1220	.01	7	.91	.01	.09	1	9565
L66+00N 58+50E	30	13	31	191	.4	37	2	17	1.14	10	5	ND	2	23	.3	8	2	176	.08	.019	6	10	.03	862	.01	9	.46	.01	.10	1	3032
L66+00N 58+75E	24	13	25	141	.1	28	2	17	1.24	7	5	ND	1	35	.2	3	2	153	.03	.021	4	10	.03	1009	.01	10	.53	.01	.10	1	4183
L66+00N 59+00E	16	13	10	109	.8	23	3	18	.81	7	9	ND	2	7	.7	4	2	112	.01	.021	5	11	.03	440	.01	11	.42	.01	.10	1	1346
L66+00N 59+25E	36	21	48	368	.1	56	3	43	1.97	17	5	ND	1	25	.7	4	2	249	.04	.039	3	10	.03	419	.01	11	.45	.01	.08	1	1336
L66+00N 59+50E	37	32	107	458	.2	73	4	64	3.33	32	5	ND	3	45	1.9	10	2	274	.09	.186	5	17	.04	981	.01	12	.72	.01	.14	1	13874
L66+00N 59+75E	31	23	29	330	.6	56	3	22	1.80	18	6	ND	2	27	1.1	9	2	201	.02	.035	3	11	.03	1236	.01	12	.50	.01	.13	1	8052
L66+00N 60+00E	37	82	43	563	.7	113	12	180	2.67	23	7	ND	2	54	5.2	11	2	145	.23	.082	6	12	.05	1197	.01	10	.47	.01	.13	1	5437
L66+00N 60+25E	81	117	143	530	1.1	110	11	229	4.34	58	9	ND	2	128	6.8	15	2	235	.30	.112	5	15	.05	1199	.01	10	.54	.01	.17	1	3605
L66+00N 60+50E	48	86	79	456	.6	94	5	87	4.19	36	5	ND	2	60	2.2	11	2	172	.05	.115	6	15	.03	798	.01	11	.54	.01	.13	1	2511
L66+00N 60+75E	101	45	70	108	1.3	44	1	29	5.51	26	5	ND	4	149	.5	7	2	60	.32	.046	2	6	.04	73	.01	14	.22	.02	.75	1	1726
L66+00N 61+00E	24	20	29	283	.2	46	3	30	1.81	13	5	ND	1	30	3.6	6	2	153	.05	.031	3	9	.03	734	.01	11	.45	.01	.14	1	1861
L66+00N 61+25E	31	28	46	345	.5	57	3	33	2.52	23	5	ND	2	54	2.8	8	2	170	.05	.083	4	11	.04	607	.01	11	.52	.01	.15	1	2135
L66+00N 61+50E	37	47	46	426	.4	83	4	62	2.64	26	5	ND	2	47	2.6	9	2	224	.07	.073	4	14	.04	738	.01	12	.59	.01	.16	1	2459
STANDARD C/CB-1200	18	63	39	131	7.4	73	32	1044	3.96	41	17	7	38	52	18.5	15	20	56	.52	.085	39	59	.92	183	.08	34	1.93	.08	.16	10	2249

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

Teck Exploration (BC) PROJECT 1715 FILE # 92-2640

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
L66+00N 61+75E	25	20	27	221	.3	36	5	28	1.74	15	5	ND	7	34	1.5	4	2	177	.12	.041	4	12	.05	412	.01	15	.61	.01	.13	2	1304
L66+00N 62+00E	29	16	28	233	.1	44	4	20	1.57	15	5	ND	2	34	3.2	5	2	187	.05	.031	3	13	.04	360	.01	12	.45	.01	.15	1	1281
L66+00N 62+25E	31	19	19	406	.4	72	5	50	1.87	14	5	ND	1	15	5.1	4	2	228	.09	.036	7	20	.07	494	.01	10	.61	.01	.11	1	1423
L66+00N 62+50E	49	39	30	802	.8	189	12	258	2.92	37	5	ND	2	30	9.4	8	2	337	.87	.052	15	56	.26	1301	.01	10	1.21	.01	.11	1	2578
L66+00N 62+75E	68	23	13	420	.1	121	5	37	1.63	20	5	ND	1	9	1.5	5	2	367	.06	.024	4	19	.05	167	.01	10	.48	.01	.08	1	789
L66+00N 63+00E	72	22	13	428	.1	127	5	20	1.45	18	5	ND	1	5	1.9	8	2	435	.05	.022	2	19	.04	143	.01	13	.43	.01	.09	1	810
L66+00N 63+25E	58	18	14	377	.1	110	4	22	1.35	15	5	ND	1	4	1.6	8	2	455	.04	.018	4	19	.04	133	.01	13	.43	.01	.09	1	799
L66+00N 63+50E	72	29	22	444	.1	128	7	47	2.38	17	5	ND	1	11	1.2	7	2	264	.04	.035	5	15	.04	100	.01	12	.47	.01	.10	1	798
L66+00N 63+75E	228	76	83	1244	.1	481	12	59	3.80	103	10	ND	4	25	1.5	29	2	834	.11	.112	5	57	.09	249	.01	12	1.38	.01	.17	1	1039
L66+00N 64+00E	82	59	24	502	.1	126	8	22	2.59	28	5	ND	2	9	.8	7	2	164	.03	.032	3	13	.04	135	.01	13	.56	.01	.11	1	867
L66+00N 64+25E	132	35	21	674	.1	152	7	24	2.42	28	5	ND	1	12	1.9	23	2	314	.04	.040	5	14	.04	107	.01	5	.47	.01	.09	1	826
L66+00N 64+50E	66	31	23	418	.3	97	8	79	2.22	23	5	ND	3	16	1.9	12	2	209	.08	.038	5	15	.08	138	.01	9	.48	.01	.12	1	854
L66+00N 64+75E	48	41	21	243	.1	56	6	42	2.31	14	5	ND	2	19	.6	5	2	100	.08	.034	6	11	.04	164	.01	8	.44	.01	.12	1	884
L66+00N 65+00E	42	25	19	170	.2	36	4	26	2.13	12	5	ND	2	11	.9	4	2	100	.02	.028	5	11	.04	191	.01	7	.60	.01	.13	1	791
L64+00N 55+00E	53	26	49	431	.4	89	4	28	1.62	24	5	ND	1	9	1.3	30	2	540	.05	.033	15	25	.05	180	.01	10	.60	.01	.06	1	813
L64+00N 55+25E	53	19	28	362	.1	85	4	33	1.68	16	5	ND	1	7	.9	15	2	396	.05	.019	19	16	.04	131	.01	7	.49	.01	.05	1	872
L64+00N 55+50E	77	26	28	487	.3	138	4	23	1.68	31	5	ND	2	5	.7	28	2	611	.01	.024	31	32	.06	154	.01	9	.65	.01	.06	1	1009
L64+00N 55+75E	34	23	18	275	.1	49	6	63	1.82	10	5	ND	1	10	.6	6	2	179	.08	.032	8	13	.06	168	.01	10	.47	.01	.08	1	1298
L64+00N 56+00E	33	48	28	394	.6	55	6	73	2.76	28	5	ND	1	99	3.9	3	2	79	.23	.087	2	10	.05	784	.01	11	.40	.01	.14	1	2096
L64+00N 56+25E	37	34	39	434	.4	76	5	27	2.56	29	5	ND	1	43	1.3	9	2	265	.05	.058	3	16	.05	943	.01	11	.62	.01	.13	1	5568
L64+00N 56+50E	31	22	32	360	.1	67	5	23	1.64	23	5	ND	1	27	.8	6	2	291	.04	.033	2	15	.06	1413	.01	15	.66	.01	.12	1	12889
L64+00N 56+75E	63	26	34	370	.1	97	5	31	1.56	21	5	ND	1	19	.9	14	2	448	.04	.027	9	20	.05	765	.01	11	.54	.01	.09	1	2388
L64+00N 57+00E	76	23	31	413	.1	117	4	30	1.56	17	5	ND	1	10	.9	16	2	534	.03	.024	13	24	.06	410	.01	14	.59	.01	.07	1	1468
L64+00N 57+25E	37	21	31	351	.1	61	5	29	1.76	14	5	ND	1	30	1.3	5	2	272	.03	.023	4	16	.06	1062	.01	10	1.03	.01	.10	1	4412
L64+00N 57+50E	43	21	26	272	.1	57	4	21	1.57	14	5	ND	1	22	.4	8	2	316	.04	.030	5	13	.04	316	.01	14	.53	.01	.09	1	1158
L64+00N 57+75E	27	9	7	139	.2	36	2	16	.65	7	5	ND	2	4	.5	7	2	164	.02	.010	15	9	.02	184	.01	9	.24	.01	.03	1	812
L64+00N 58+00E	97	32	114	585	.1	148	6	33	2.44	40	5	ND	3	20	.5	18	2	818	.03	.089	9	30	.06	1243	.01	14	.89	.01	.10	1	4657
L64+00N 58+25E	72	18	71	325	.1	64	3	19	1.42	16	5	ND	2	11	.4	13	2	344	.02	.021	5	16	.04	175	.01	11	.49	.01	.05	1	847
L64+00N 58+50E	67	20	22	225	.7	42	3	22	1.06	9	5	ND	1	5	2.3	12	2	212	.07	.017	8	18	.03	158	.01	13	.32	.01	.04	1	899
~~RE L64+00N 57+50E~~	~~46~~	~~21~~	~~20~~	~~287~~	~~.1~~	~~59~~	~~4~~	~~24~~	~~1.60~~	~~16~~	~~5~~	~~ND~~	~~1~~	~~22~~	~~.7~~	~~9~~	~~2~~	~~332~~	~~.04~~	~~.030~~	~~5~~	~~15~~	~~.04~~	~~328~~	~~.01~~	~~15~~	~~.56~~	~~.01~~	~~.10~~	~~1~~	~~1077~~
L64+00N 58+75E	24	12	12	179	.7	40	3	26	1.01	8	5	ND	1	5	.5	6	2	189	.03	.017	10	12	.03	159	.01	10	.40	.01	.04	1	789
L64+00N 59+00E	34	19	17	262	.5	47	3	19	1.09	7	5	ND	1	3	.3	10	2	211	.01	.020	5	12	.03	91	.01	8	.36	.01	.05	1	840
L64+00N 59+25E	20	11	11	190	1.1	38	3	22	1.00	7	5	ND	1	4	.7	7	2	125	.02	.014	6	13	.03	146	.01	9	.42	.01	.04	1	868
L64+00N 59+50E	37	24	22	252	.1	48	6	37	1.79	12	5	ND	1	11	.5	6	2	169	.02	.025	6	13	.04	190	.01	12	.57	.01	.07	1	1439
L64+00N 59+75E	23	14	14	117	.4	19	3	21	1.07	6	5	ND	1	17	.6	3	2	85	.02	.018	6	10	.03	198	.01	13	.56	.01	.08	1	1339
L64+00N 60+00E	22	18	14	148	.4	26	4	43	1.46	7	5	ND	1	7	.3	4	2	126	.02	.017	7	10	.04	158	.01	10	.53	.01	.06	1	1992
L64+00N 60+25E	38	16	59	182	.5	32	6	69	2.25	13	5	ND	1	10	2.0	5	2	97	.04	.031	6	12	.04	370	.01	13	.61	.01	.10	1	2373
STANDARD C/CB-1200	20	60	43	138	7.3	73	32	1074	3.96	42	20	7	39	53	19.3	15	21	60	.50	.086	39	60	.94	184	.09	35	1.93	.07	.14	11	2244

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

Teck Exploration (BC) PROJECT 1715 FILE # 92-2640

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
L64+00N 60+50E	70	84	51	554	1.4	76	11	214	6.86	62	5	ND	9	104	5.1	11	2	196	.22	.243	3	19	.05	785	.01	11	.62	.01	.15	1	3416
L64+00N 60+75E	76	129	45	535	1.4	102	13	265	5.49	46	6	ND	7	104	7.2	12	2	146	.44	.158	4	19	.09	702	.01	11	.93	.01	.20	1	2365
L64+00N 61+00E	35	32	37	295	.4	55	6	45	2.06	25	5	ND	3	45	2.4	8	3	185	.05	.048	4	13	.04	436	.01	14	.51	.01	.14	1	1459
RE L64+00N 62+25E	20	7	10	136	.1	29	2	26	.88	5	5	ND	1	10	1.0	4	2	276	.07	.014	6	15	.04	271	.01	11	.44	.01	.11	1	969
L64+00N 61+25E	39	35	46	374	.5	69	4	35	2.34	25	5	ND	1	69	1.5	9	2	225	.05	.060	2	14	.04	723	.01	11	.56	.01	.16	1	3018
L64+00N 61+50E	29	24	23	275	.4	46	4	55	1.90	13	5	ND	1	36	1.3	5	2	172	.12	.047	6	13	.05	391	.01	15	.53	.01	.13	1	1319
L64+00N 61+75E	23	13	21	181	.2	32	3	32	1.57	10	5	ND	1	21	1.6	6	2	189	.05	.025	7	13	.04	333	.01	11	.50	.01	.12	1	1201
L64+00N 62+00E	24	11	15	157	.1	32	2	18	.96	8	5	ND	1	11	1.1	5	2	281	.03	.018	4	13	.04	244	.01	15	.48	.01	.11	1	970
L64+00N 62+25E	20	9	7	127	.1	28	1	23	.83	6	5	ND	1	9	1.1	3	2	265	.07	.014	5	13	.04	262	.01	10	.42	.01	.10	1	1011
L64+00N 62+50E	22	10	13	169	.1	34	3	32	1.15	6	5	ND	1	14	1.5	4	2	242	.05	.018	6	16	.04	242	.01	12	.47	.01	.10	1	1082
L64+00N 62+75E	27	10	18	194	.1	41	2	27	1.21	9	5	ND	1	15	1.9	5	2	268	.10	.018	5	14	.05	222	.01	14	.43	.01	.10	1	940
L64+00N 63+00E	21	10	17	170	.1	33	3	57	1.32	6	5	ND	2	10	4.1	4	2	231	.07	.015	11	17	.05	215	.04	8	.53	.01	.09	1	1000
L64+00N 63+25E	50	16	13	249	.1	73	2	29	1.12	11	5	ND	1	7	3.2	8	2	397	.12	.021	7	19	.05	131	.01	17	.45	.01	.10	1	771
L64+00N 63+50E	30	10	6	146	.1	48	2	24	.85	3	5	ND	1	5	1.0	4	2	226	.06	.009	7	12	.04	82	.01	12	.41	.01	.07	1	831
L64+00N 63+75E	42	11	6	158	.1	62	2	27	.89	6	5	ND	1	6	1.1	5	2	164	.08	.013	7	12	.04	87	.01	12	.36	.01	.08	1	851
L64+00N 64+00E	87	29	18	507	.1	163	6	54	2.23	24	5	ND	1	9	2.3	10	2	389	.06	.039	5	20	.07	150	.01	11	.56	.01	.13	1	1061
L64+00N 64+25E	62	29	19	482	.3	111	7	58	2.24	21	5	ND	1	18	1.8	9	2	175	.17	.045	6	21	.07	276	.01	11	.55	.01	.12	1	1563
L64+00N 64+50E	202	45	25	1261	.1	397	12	85	3.34	75	5	ND	2	8	1.1	22	2	715	.05	.037	4	35	.06	213	.01	15	.58	.01	.14	1	1070
L64+00N 64+75E	94	24	27	191	.3	49	6	43	2.58	21	5	ND	2	18	.3	4	3	112	.04	.029	2	10	.04	188	.01	12	.47	.01	.19	1	911
L64+00N 65+00E	35	15	31	78	.3	22	3	23	1.71	9	5	ND	2	37	.3	3	2	78	.07	.033	4	10	.05	274	.01	13	.46	.02	.22	1	1021
L62+00N 55+00E	56	16	92	542	1.2	111	5	201	3.63	14	5	ND	2	14	4.8	10	3	533	.11	.022	14	26	.06	555	.01	2	.85	.01	.06	1	1322
L62+00N 55+25E	75	26	85	499	.3	107	5	47	2.02	19	5	ND	1	34	4.0	12	2	276	.10	.031	8	18	.03	371	.01	12	.43	.01	.08	1	1362
L62+00N 55+50E	55	23	47	395	.3	86	5	34	1.72	17	5	ND	1	14	1.6	17	2	347	.03	.028	13	18	.04	223	.01	11	.43	.01	.08	1	1301
L62+00N 55+75E	84	32	41	476	.5	131	6	73	1.94	22	5	ND	3	12	4.3	14	3	403	.06	.030	18	23	.06	423	.01	13	.57	.01	.08	1	1695
L62+00N 56+00E	81	90	38	5637	2.4	498	5	72	1.74	43	5	ND	1	80	36.8	37	2	799	1.59	.094	25	44	.13	646	.01	13	.69	.01	.12	1	2463
L62+00N 56+25E	148	183	30	2794	3.9	393	15	259	1.97	111	8	ND	1	118	60.8	53	5	2455	1.55	.185	72	90	.12	997	.01	27	1.01	.01	.21	1	2191
L62+00N 56+50E	32	22	27	428	.3	68	4	44	1.19	12	5	ND	1	14	4.4	10	3	295	.15	.027	11	20	.05	305	.01	18	.51	.01	.06	1	1341
L62+00N 56+75E	42	25	27	550	.4	92	5	47	1.51	14	5	ND	1	14	3.0	12	4	278	.14	.030	9	18	.06	377	.01	15	.55	.01	.07	1	1654
L62+00N 57+00E	59	46	57	725	.5	127	8	55	2.30	29	5	ND	1	33	6.1	17	5	364	.33	.118	12	22	.06	1183	.01	16	.60	.01	.12	1	3341
L62+00N 57+25E	52	25	61	413	.2	79	5	26	1.66	18	5	ND	1	12	1.2	10	2	269	.06	.029	5	14	.04	387	.01	10	.46	.01	.08	1	1695
L62+00N 57+50E	20	10	21	163	.2	31	4	40	1.34	4	5	ND	2	12	4.4	4	2	135	.14	.014	12	11	.04	243	.02	11	.36	.01	.06	1	1001
L62+00N 57+75E	66	29	40	446	.2	91	5	25	2.16	28	5	ND	1	30	2.3	13	7	371	.14	.028	3	14	.04	274	.01	18	.48	.01	.11	1	1193
L62+00N 58+00E	195	50	176	719	.6	161	7	29	3.98	62	5	ND	2	42	3.2	51	6	1231	.19	.046	5	31	.05	512	.01	13	.57	.01	.14	1	1807
L62+00N 58+25E	52	24	41	347	.3	68	5	36	1.80	18	5	ND	2	14	3.2	12	2	313	.06	.020	9	15	.04	353	.01	12	.49	.01	.09	1	1485
L62+00N 58+50E	89	20	27	596	.1	132	4	48	1.75	52	5	ND	2	14	7.0	37	2	1102	.09	.035	37	47	.08	392	.01	13	.67	.01	.14	1	2039
L62+00N 58+75E	41	20	33	300	.4	56	5	29	1.81	14	5	ND	2	22	1.2	13	2	312	.11	.033	9	14	.04	628	.01	13	.40	.01	.10	1	1726
L62+00N 59+00E	54	23	16	220	.2	39	5	28	2.73	22	5	ND	2	14	1.3	6	2	236	.09	.033	5	11	.04	214	.01	13	.45	.01	.10	1	1083
STANDARD C/CB-1200	19	56	40	135	7.3	70	32	1045	3.96	42	18	7	38	52	18.6	15	19	58	.52	.088	36	60	.93	182	.08	34	1.97	.07	.14	10	2275

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

Teck Exploration (BC) PROJECT 1715 FILE # 92-2640

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba ppm
L62+00N 59+25E	138	163	349	3543	1.9	354	13	280	2.27	53	5	2	8	69	37.9	60	4	341	1.69	.031	3	15	.07	463	.01	7	.28	.01	.09	2	1488
L62+00N 59+50E	142	90	200	1690	1.3	181	13	216	5.36	62	13	ND	3	96	7.7	26	2	432	.93	.073	4	19	.11	843	.01	6	.83	.01	.14	1	2150
L62+00N 59+75E	58	67	93	849	.6	98	10	89	3.53	33	5	ND	3	46	6.2	13	2	226	.23	.082	4	16	.06	1156	.01	8	.61	.01	.16	1	3090
L62+00N 60+00E	43	45	37	538	.3	99	6	42	2.49	32	5	ND	2	53	3.2	9	2	330	.16	.096	3	17	.05	908	.01	14	.54	.01	.15	1	3570
L62+00N 60+25E	34	59	29	493	.6	92	10	77	2.27	21	5	ND	2	58	7.1	8	2	205	.24	.065	4	16	.07	1220	.01	11	.68	.01	.14	1	5251
L62+00N 60+50E	45	66	34	1028	.7	203	13	207	2.36	30	5	ND	1	92	8.4	9	5	211	1.84	.106	5	14	.57	718	.01	13	.47	.01	.15	1	4509
L62+00N 60+75E	30	29	25	258	.8	46	4	33	1.69	13	5	ND	1	27	2.7	7	4	183	.13	.050	5	15	.07	411	.01	18	.63	.01	.14	1	1138
L62+00N 61+00E	39	26	26	357	.4	72	5	33	2.05	22	5	ND	1	38	1.5	8	2	228	.05	.046	2	12	.04	552	.01	13	.41	.01	.15	1	1678
L62+00N 61+25E	35	22	30	293	.5	66	5	68	1.72	15	5	ND	4	26	3.2	6	3	246	.17	.033	5	16	.10	532	.01	15	.66	.01	.14	1	1370
L62+00N 61+50E	42	21	23	307	.1	72	5	25	1.63	19	5	ND	1	28	2.7	8	3	271	.07	.025	3	13	.04	311	.01	11	.43	.01	.12	1	1065
L62+00N 61+75E	26	16	22	212	.5	47	4	30	1.51	9	5	ND	1	25	2.1	5	2	208	.15	.026	6	14	.07	455	.01	14	.62	.01	.11	1	1204
L62+00N 62+00E	44	34	22	395	.6	96	6	46	2.31	32	5	ND	2	32	2.1	9	5	318	.18	.037	2	15	.06	823	.01	8	.56	.01	.14	1	2477
L62+00N 62+25E	44	24	21	349	.3	79	6	47	2.17	26	5	ND	1	30	1.5	9	2	382	.09	.046	4	18	.06	422	.01	10	.66	.01	.13	1	1163
L62+00N 62+50E	54	20	19	364	.3	88	5	25	1.82	18	5	ND	1	18	3.6	10	4	326	.14	.033	4	16	.05	241	.01	10	.45	.01	.13	1	974
L62+00N 62+75E	76	65	28	804	1.2	263	10	135	2.21	33	5	ND	3	64	7.6	13	2	662	2.02	.044	11	31	.29	570	.01	16	1.11	.01	.12	1	1317
L62+00N 63+00E	186	100	16	1639	2.2	597	15	247	2.24	55	5	ND	1	135	19.7	29	2	812	4.85	.060	8	26	.18	615	.01	35	.60	.01	.15	2	1457
L62+00N 63+25E	231	76	19	1019	.7	517	20	371	3.10	48	5	ND	6	81	5.9	11	2	574	2.92	.067	7	24	.95	442	.01	20	.51	.01	.16	1	1442
L62+00N 63+50E	113	47	13	742	.7	289	11	134	2.06	34	5	ND	3	27	3.8	9	2	515	.39	.026	7	26	.13	395	.01	13	.68	.01	.14	1	1317
L62+00N 63+75E	319	306	42	4716	4.2	934	16	273	2.57	161	26	ND	14	206	43.5	82	2	2950	5.20	.151	35	87	1.00	445	.01	29	.95	.01	.27	1	1834
L62+00N 64+00E	190	83	67	1265	.8	444	16	291	3.09	60	7	ND	7	113	9.9	17	2	560	1.90	.085	10	28	.77	473	.01	19	.50	.01	.18	1	1454
L62+00N 64+25E	193	76	70	1001	.1	400	11	92	3.12	50	5	ND	3	18	3.7	15	2	812	.22	.021	7	30	.11	303	.01	13	.63	.01	.12	1	1049
L62+00N 64+50E	63	32	35	435	.7	87	6	40	2.42	18	5	ND	2	63	4.6	8	2	238	.24	.048	7	14	.08	416	.01	13	.57	.01	.18	1	1086
L62+00N 64+75E	59	40	34	204	.8	71	12	285	4.11	24	5	ND	2	49	2.9	3	3	136	.28	.071	6	15	.11	644	.01	11	.90	.01	.22	1	1288
L62+00N 65+00E	52	27	25	180	.8	57	8	99	3.16	20	5	ND	3	33	2.4	6	2	142	.15	.057	4	13	.08	325	.01	13	.62	.01	.24	1	1074
L60+00N 55+00E	112	17	38	385	.1	190	6	28	1.90	34	5	ND	1	11	.8	16	2	251	.03	.024	6	16	.04	154	.01	6	.42	.01	.07	1	884
L60+00N 55+25E	89	31	16	335	.1	89	5	27	1.86	14	5	ND	1	11	6.3	9	2	213	.16	.023	12	23	.03	204	.01	12	.24	.01	.05	1	985
L60+00N 55+50E	79	33	80	430	.2	96	5	28	1.95	19	5	ND	1	19	3.2	16	2	300	.06	.031	11	16	.03	273	.01	10	.32	.01	.08	1	1275
~~RE L62+00N 64+75E~~	~~59~~	~~39~~	~~35~~	~~200~~	~~.8~~	~~74~~	~~13~~	~~287~~	~~4.08~~	~~23~~	~~5~~	~~ND~~	~~2~~	~~48~~	~~2.4~~	~~5~~	~~2~~	~~140~~	~~.27~~	~~.070~~	~~6~~	~~16~~	~~.11~~	~~637~~	~~.01~~	~~13~~	~~.91~~	~~.01~~	~~.22~~	~~1~~	~~1313~~
L60+00N 55+75E	51	26	64	772	1.0	94	6	414	2.62	20	5	ND	1	15	15.3	12	2	481	.11	.055	12	29	.11	446	.02	10	1.07	.01	.09	1	1426
L60+00N 56+00E	88	32	84	445	.6	109	5	61	2.20	23	5	ND	3	16	1.9	29	2	527	.04	.033	17	24	.04	169	.02	9	.46	.01	.08	1	1073
L60+00N 56+25E	88	21	40	446	.1	154	5	38	2.01	29	5	ND	2	12	3.8	14	2	472	.07	.029	37	23	.05	433	.01	14	.56	.01	.09	1	1957
L60+00N 56+50E	26	11	20	203	.1	37	4	63	1.59	9	5	ND	2	15	3.8	4	2	190	.08	.020	13	15	.05	238	.03	14	.50	.01	.09	1	1046
L60+00N 56+75E	43	29	49	249	.1	43	4	24	2.73	22	5	ND	2	20	.7	6	2	258	.05	.057	6	11	.04	298	.01	10	.53	.01	.14	1	1628
L60+00N 57+00E	27	15	19	178	.7	46	4	23	1.64	14	5	ND	1	7	1.6	6	2	176	.03	.028	7	17	.04	220	.01	9	.59	.01	.09	1	1211
L60+00N 57+25E	39	22	22	281	.1	55	4	19	1.58	16	5	ND	1	22	1.0	8	2	281	.02	.024	4	12	.04	939	.01	14	.52	.01	.11	1	2904
L60+00N 57+50E	35	17	20	227	.2	46	3	19	1.38	10	5	ND	1	14	.7	7	3	250	.03	.021	4	12	.04	322	.01	12	.51	.01	.09	1	1170
L60+00N 57+75E	39	46	43	3083	.5	294	8	131	1.80	22	5	ND	1	62	14.8	10	2	352	1.05	.050	8	18	.13	743	.01	13	.57	.01	.11	5	2311
STANDARD C/CB-1200	20	58	42	131	7.6	75	32	1056	3.96	42	18	7	39	53	18.8	15	19	60	.50	.084	38	60	.94	186	.08	35	2.01	.07	.14	10	2262

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

Teck Exploration (BC) PROJECT 1715 FILE # 92-2640

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
L60+00N 58+00E	62	49	77	904	.3	122	7	135	2.41	23	12	ND	4	22	13.6	18	2	432	.25	.077	12	23	.04	623	.01	13	.57	.01	.13	1	2411
L60+00N 58+25E	36	26	50	395	.5	65	3	26	1.60	18	8	ND	3	28	3.6	11	2	236	.17	.034	5	13	.04	973	.01	13	.45	.01	.16	1	2111
L60+00N 58+50E	32	17	29	397	.2	58	3	35	1.41	14	7	ND	2	22	3.3	7	2	216	.22	.049	7	12	.05	528	.01	13	.47	.01	.11	1	1600
L60+00N 58+75E	38	18	19	255	.2	51	3	27	1.40	12	6	ND	2	16	.7	9	2	207	.03	.024	4	9	.04	331	.01	11	.45	.01	.10	1	1164
L60+00N 59+00E	38	32	29	378	.2	74	4	31	2.15	21	5	ND	2	38	1.2	9	2	197	.08	.070	4	13	.04	894	.01	11	.50	.01	.15	1	3490
L60+00N 59+25E	32	45	31	658	.6	104	6	91	1.97	20	5	ND	2	59	5.6	9	2	178	.66	.068	5	13	.07	1131	.01	9	.45	.01	.13	1	4692
L60+00N 59+50E	57	45	23	785	.8	195	7	204	1.36	26	12	2	6	116	6.0	12	2	307	6.59	.160	15	20	2.82	415	.01	19	.41	.02	.17	1	1909
L60+00N 59+75E	45	49	44	2729	1.2	678	67	2337	10.62	16	7	ND	1	223	5.7	7	2	115	1.38	.074	6	9	.15	371	.01	19	.34	.01	.11	1	1302
L60+00N 60+00E	59	58	166	1130	1.2	126	10	308	3.07	30	6	ND	2	40	11.3	15	2	191	.50	.111	8	15	.08	1091	.01	12	.47	.01	.12	1	2053
L60+00N 60+25E	37	43	29	516	.6	106	8	204	3.01	29	5	ND	2	49	3.8	10	2	224	.60	.155	5	15	.19	1053	.01	14	.58	.01	.19	1	2986
L60+00N 60+50E	37	31	36	409	.5	78	5	126	2.72	27	5	ND	1	50	1.3	9	2	202	.13	.060	3	11	.05	760	.01	14	.53	.01	.15	1	1936
L60+00N 60+75E	29	24	27	275	.4	47	3	31	1.78	17	5	ND	2	28	1.2	7	2	182	.03	.042	5	10	.05	388	.01	12	.60	.01	.14	1	1106
L60+00N 61+00E	21	12	20	157	.1	31	2	24	1.06	8	5	ND	2	26	1.6	5	2	131	.08	.020	6	10	.05	176	.01	12	.47	.01	.09	1	660
L60+00N 61+25E	26	15	12	161	.1	35	2	24	1.09	9	6	ND	2	13	1.5	6	2	173	.05	.021	7	11	.04	150	.01	16	.45	.01	.09	1	663
L60+00N 61+50E	40	21	15	216	1.1	56	4	36	1.47	14	6	ND	2	12	1.2	7	2	231	.07	.022	8	13	.04	111	.01	14	.42	.01	.09	1	750
L60+00N 61+75E	34	25	35	321	.1	50	4	36	2.01	13	5	ND	1	38	3.7	5	2	147	.32	.035	5	10	.06	335	.01	12	.46	.01	.09	1	960
L60+00N 62+00E	50	36	88	612	.4	86	5	48	2.92	21	7	ND	3	48	1.9	11	2	157	.05	.056	7	12	.04	220	.01	13	.42	.01	.12	1	1134
L60+00N 62+25E	26	25	857	4672	1.3	207	35	775	3.47	19	5	ND	2	86	25.7	13	2	272	3.43	.634	21	32	.17	300	.01	20	1.56	.01	.15	1	804
L60+00N 62+50E	58	12	17	141	.1	28	2	15	1.15	10	5	ND	1	6	.8	2	2	123	.11	.018	4	8	.04	104	.01	18	.56	.01	.07	1	745
L60+00N 62+75E	31	23	35	343	.1	56	4	90	2.45	12	5	ND	1	7	1.0	4	2	148	.02	.038	7	11	.04	80	.01	11	.55	.01	.07	1	821
L60+00N 63+00E	18	30	51	554	.8	63	6	95	2.91	18	5	ND	2	41	1.9	11	2	161	.14	.062	3	12	.07	219	.01	15	.77	.01	.17	1	1119
~~RE L60+00N 62+00E~~	41	38	80	577	.1	76	5	43	2.74	19	5	ND	2	47	2.1	7	2	147	.04	.052	6	11	.03	222	.01	11	.43	.01	.11	1	1171
L60+00N 63+25E	25	15	18	727	.2	61	4	62	1.27	11	5	ND	2	18	4.6	6	2	144	.39	.021	10	11	.06	243	.01	8	.45	.01	.08	1	986
L60+00N 63+50E	28	26	27	1362	.5	112	9	335	1.52	18	5	ND	1	42	7.3	9	2	315	1.39	.063	10	22	.07	363	.01	8	.83	.01	.07	1	914
L60+00N 63+75E	44	34	27	1500	.5	158	5	79	1.68	21	5	ND	2	32	4.3	12	2	257	.87	.042	9	19	.08	307	.01	11	.60	.01	.09	1	1195
L60+00N 64+00E	54	51	49	1751	.8	258	6	138	1.92	24	5	ND	2	52	9.8	12	2	216	1.45	.078	9	16	.28	375	.01	13	.45	.01	.13	1	1399
L60+00N 64+25E	84	62	47	1805	.4	273	7	145	1.85	26	5	ND	3	70	11.6	13	2	233	2.24	.074	7	14	.70	471	.01	13	.39	.01	.12	1	1679
L60+00N 64+50E	62	56	52	1117	.5	186	8	146	2.07	24	5	ND	1	50	9.0	11	2	253	1.23	.074	9	16	.33	513	.01	10	.45	.01	.11	1	1707
L60+00N 64+75E	66	309	25	2418	.7	577	105	954	8.56	14	30	ND	12	75	26.9	5	3	145	1.26	.089	10	43	.13	407	.01	12	2.14	.01	.11	1	1166
L60+00N 65+00E	5	78	2	416	.3	266	38	2160	4.47	5	6	ND	1	613	6.0	2	2	20	12.22	.024	5	6	6.44	588	.01	2	.61	.02	.03	1	1093
STANDARD C/CB-1200	20	60	39	135	7.5	79	32	1079	3.96	42	21	7	39	53	19.2	13	21	59	.50	.087	40	61	.90	183	.09	35	1.94	.08	.17	11	2201

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Teck Exploration (BC) PROJECT 1715 File # 92-2723

350 - 272 Victoria St., Kamloops BC V2C 2A2 Submitted by: RANDY FARMER

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
M45249	44	71	92	1637	1.2	207	7	157	1.86	27	5	ND	2	73	15.1	17	2	385	.82	.096	11	23	.12	990	.01	13	.58	.01	.16	2	5622
M45250	63	76	43	8923	.6	1004	5	88	1.66	24	5	ND	1	84	39.2	8	2	318	2.63	.102	7	18	.37	352	.01	15	.51	.01	.11	1	1119
M45293	23	32	16	930	.5	163	7	186	1.33	12	5	ND	3	66	7.6	7	2	140	4.47	.126	14	14	1.80	415	.01	16	.40	.01	.14	1	2776
M45301	74	127	27	5005	1.0	897	13	215	2.46	42	5	ND	2	132	20.4	17	2	306	4.90	.134	10	23	.90	416	.01	20	.51	.01	.20	1	1703
RE M45293	26	32	18	908	.5	165	7	191	1.37	13	5	ND	3	68	7.4	6	2	145	4.59	.131	14	14	1.83	429	.01	16	.41	.01	.14	1	2247
M45302	14	38	33	478	.6	66	7	117	1.97	13	5	ND	3	53	3.8	5	2	43	.43	.066	7	9	.17	659	.01	9	.52	.01	.13	1	33823
M45303	8	42	25	273	.6	65	8	172	2.09	8	5	ND	2	71	2.4	2	2	41	.62	.061	5	12	.24	941	.01	10	.70	.01	.12	1	8751
M45304	10	36	24	422	.6	70	7	140	1.90	12	5	ND	3	67	3.5	3	2	44	.60	.061	6	9	.20	1051	.01	8	.60	.01	.13	1	21326

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: MOSS MAT BA* .2 GM SAMPLE FUSED WITH 1.2 GM LIBO2, ANALYSIS BY ICP.
GEOCHEM BA ANALYSIS BY WHOLE ROCK ICP. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 22 1992 DATE REPORT MAILED: Aug 27/92 SIGNED BY C. Leong ...D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL

Teck Exploration (BC) PROJECT 1715 FILE # 92-2518

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
M45211	20	65	29	714	.9	334	5	229	2.19	21	6	ND	1	175	2.9	4	2	113	1.07	.087	3	13	.15	269	.01	16	.50	.02	.20	1	8188
M45212	26	73	37	1119	.9	303	12	393	3.62	29	5	ND	2	219	8.5	4	2	120	.85	.128	4	17	.16	122	.01	13	.80	.03	.25	1	9380
M45251	37	80	30	775	.9	232	12	262	3.18	22	7	ND	1	137	9.4	8	2	159	.93	.127	4	17	.14	460	.01	18	.77	.01	.21	1	2126
RE M45212	26	72	36	1107	1.0	281	13	373	3.57	26	7	ND	2	208	8.4	5	2	120	.80	.125	4	15	.15	148	.01	11	.78	.02	.25	1	9918

Sample type: MOSS MAT. Samples beginning 'RE' are duplicate samples.
BA* .2 GM SAMPLE FUSED WITH 1.2 GM LIBO2, ANALYSIS BY ICP.

SILTS AND FE-SEEPS

Teck Exploration (BC) PROJECT 1715 FILE # 92-2518 Page 3

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
ST45215	75	99	28	1451	1.1	356	22	467	3.51	32	9	ND	2	117	15.1	14	2	263	1.05	.126	11	21	.19	631	.01	17	.81	.01	.16	1	3279
ST45216	78	72	20	801	.7	255	13	217	2.34	25	11	ND	2	93	8.4	7	2	211	2.06	.079	9	16	.77	687	.01	16	.46	.01	.12	1	3480
ST45218	29	59	13	446	.7	94	6	159	1.48	17	6	ND	2	80	6.0	5	2	150	1.03	.067	8	13	.33	683	.01	14	.43	.01	.12	1	3732
RE ST45216	74	69	19	734	.6	240	12	206	2.17	25	6	ND	2	88	7.7	6	2	202	1.98	.075	8	13	.75	712	.01	17	.43	.01	.12	1	3443

Sample type: SILT. Samples beginning 'RE' are duplicate samples.
BA* .2 GM SAMPLE FUSED WITH 1.2 GM LIBO2, ANALYSIS BY ICP.

Teck Exploration (BC) PROJECT 1715 FILE # 92-2641 Page 2

ACME ANALYTICAL

Fe-Seep

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm	Hg ppb
ST45221	33	53	18	2072	.7	211	17	415	3.21	21	5	ND	2	59	9.5	10	2	126	.37	.073	12	12	.10	521	.01	4	.92	.01	.10	2	3327	80
ST45271	254	25	12	2453	.8	718	150	18716	17.19	311	5	ND	48	238	9.2	5	6	35	1.49	.190	5	8	.08	647	.01	2	.43	.01	.06	1	3100	100
RE S45225	23	18	2	1002	.1	101	40	873	37.78	2	5	ND	7	28	28.3	2	9	5	.20	.019	2	3	.02	61	.01	2	.41	.01	.01	1	151	5
ST45273	47	35	6	4283	.2	389	107	1793	33.34	33	10	ND	7	138	8.5	2	6	18	.74	.055	2	4	.06	332	.01	2	.28	.01	.03	1	1476	60
S45225	22	18	2	1021	.1	101	41	781	38.28	2	5	ND	8	29	26.8	2	9	5	.20	.019	2	3	.02	76	.01	2	.42	.01	.01	1	160	5
S45230	34	30	2	3699	.1	287	88	1068	37.54	2	11	ND	8	66	46.4	4	6	64	.57	.019	3	8	.05	208	.01	8	1.03	.01	.03	3	750	60
S45231	19	30	11	4076	.3	416	153	2352	30.66	2	5	ND	6	76	11.7	2	2	69	.41	.026	2	6	.04	446	.01	2	.46	.01	.10	2	1928	105
S45234	112	19	2	12967	.1	1770	520	9333	37.90	34	5	ND	19	210	4.9	2	5	11	1.66	.025	2	11	.03	195	.01	2	.06	.01	.01	1	329	15
S45240	13	23	2	279	.4	125	43	11271	29.03	33	5	ND	37	413	6.8	2	4	23	4.38	.110	3	9	.18	1370	.01	2	.15	.01	.02	1	3184	60
STANDARD C/CB-1200	18	58	39	128	6.9	70	31	1040	3.96	38	17	7	37	52	16.9	15	19	56	.48	.083	36	58	.88	187	.08	35	1.88	.07	.16	10	2075	1600

Sample type: SILT. Samples beginning 'RE' are duplicate samples.

APPENDIX IV

Analytical Procedures

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C., Canada V6A 1R6
Telephone: (604) 253-3158 Fax: (604) 253-1716

Geochemical Methods
Acme Analytical Laboratories Ltd.

Soil Preparation: Dry soil or silt sample up to 1 Kg at 60 deg.C and sieve to -80 mesh.

Rock Preparation: Rocks or cores are crushed to -3/16" and 250 gm is split out. This split is pulverized using a ring mill pulverizer to 99% -100 mesh.

ICP Analysis: 0.50 gm sample is digested with 3ml 3-1-2 HCL-HNO3-H2O at 95 deg.C for one hour and is diluted to 10ml with water. This leach is partial for Mn, Fe, Sr, Ca, P, La, Cr, Mg, Ba, Ti, B, W and limited for Na, K, Al.

Gold Analysis (Fire Geochem): 10 gm is ignited at 600 deg.C for 4 hours and fused with F.A. flux. The dore bead is dissolved in Aqua Regia and analysed by ICP.

Detection limit for	Au	1 ppb
	Pt	3 ppb
	Pd	3 ppb
	Rh	3 ppb

** Larger sample - on special request.

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GOLD & SILVER BY FIRE ASSAY

1 A.T is mixed in dry reagent flux with 1 Ag inquart and fused at 1000 deg C for 45 to 60 mins. The resulting Ag bead from cupellation is dissolved in aqua-regia. Au is analyzed by ICP. High Ag is obtained from the difference between the bead weight and the Au value. Wet acid leach Ag will also perform to obtain low grade Ag and to check Ag value obtained by fire assay. The procedure for wet acid Ag is same as below.

ASSAY FOR CU, PB, ZN AND AG

In 250 ml volumetric flask, 1 g sample is digested in 60 ml of aqua-regia for one hour and diluted to 250 ml. analyzed by ICP.

WHOLE ROCK ANALYSIS

0.2 g fused with $LiBO_2$, dissolved in 100 ml dilute acid, analysed by ICP. This procedure is also the same for total BA.

APPENDIX V

Rock Sample Descriptions

SAMPLE NUMBER	LOCATION COMMENT	SAMPLE DESCRIPTION
45201	Nod Grid - just SE of L48N, 47+50E, ele. 1500m, along creek	≈60cm chip thru weakly rusty Poker Chip black shale, HW of nodular barite zone, no visible pyrite, non-calcareous, non-siliceous, S_1 122/85NE (cleavage at high angle to bedding as noted from pencil rods) ran: 2685 ppm Ba
45202	SW of Nod Grid, along creek, ele. 1405m	1.0m chip same as 45201 plus: weakly graphitic, good bedding, likely Pregnant? shale, S_0 160/32SW, S_1 118/80SW, L_1 28→300 ran: 5848 ppm Ba
45203	SW of Nod Grid, along creek, ele. 1350m	1.0m chip thru weak-moderately rusty Poker Chip shale with local Porcellanite bands, weak-moderately graphitic, S_0 142/30SW, S_1 120/85NE ran: 2766 ppm Ba
45204	West of Nod Grid, along creek, ele. 1125m	1.0m chip thru moderately rusty Poker Chip black shale, local concretions, S_1 110/75SW ran: 2656 ppm Ba
45205	South of Nod Grid, Central claims, along creek, ele. 1300m	1.0m chip thru moderately rusty Poker Chip with Porcellanite bands, weakly graphitic, S_0 130/35SW ran: 908 ppm Zn, 13.1 ppm Cd, 235 ppm V, 1192 ppm Ba
45206	Nod Grid, just off L44N, 47+00E, ele. 1600m	1.2m chip thru Nodular Barite; spherulitic barite nodules up to 4mm diameter (2mm mode),nodules circular to ellipsoid and often in discontinous wavy bands along bedding, ± narrow ≤3mm shale bands, overall more barite than shale matrix and bands, S_0 105/55NE ran: 296658 ppm Ba (29.7%)
45207	Nod Grid, just off L44N, 47+00E, ele. 1600m	Same as 45206 plus: 1.0m chip thru Nodular Barite; more shale matrix and bands than nodular barite, S_0 110/70NE ran: 19410 ppm Ba
45208	Nod Grid, just off L44N, 46+50E, ele. 1585m	1.0m chip thru Poker Chip shale, in footwall of nodular barite zone, S_0 120/72NE ran: 4430 ppm Ba
45209	Nod Grid, just off L44N, 46+75E, ele. 1592m	1.0m chip thru Poker Chip shale, in footwall of nodular barite zone, closer to zone than 45208 ran: 4671 ppm Ba
45210	Nod Grid, 3m north of L44N, 47+75E, ele. 1615m	1.0m chip thru weakly siliceous, slightly silty Poker Chip shale, in hanging wall of nodular barite zone, bedding and cleavage not measureable ran: 1569 ppm Ba

SAMPLE NUMBER	LOCATION COMMENT	SAMPLE DESCRIPTION
45213	NE of B/L of Nod Grid, between L50N & 44N ele. 1385m	1.0m chip thru weakly rusty Poker Chip shale, no visible sulphides, along creek, S_0 130/58SW
45214	NE of B/L of Nod Grid, between L44N & 50N, ele. 1375m	1.0m chip thru weakly rusty black Porcellanite (POR), just below sample 45213 along creek, S_0 140/45SW
45217	NE of B/L of Nod Grid, between L44N & 50N, ele. 1455m	1.0m chip thru locally moderately rusty Poker Chip shale (PCP), along creek, slightly warped bedding, S_0 112/30SW, S_1 100/60SW, L_1 10→280 ran: 236 ppm Zn, 2.46% Fe, 2629 ppm Ba
45220	South of 1616 peak, ele. 1275m	1.0m chip thru weak to moderately rusty PCP, trace disseminated pyrite, S_0 160/40NE, S_1 140/60NE, strong cleavage (rods), along creek ran: 2754 ppm Ba
45223	South of 1616 peak, ele. 1418m	1.0m chip thru weakly rusty Pregnant shale (PR), beds 0.5cm-7cm wide (mode 2-5cm), mesoscopic fold 40→200, S_0 110/35SW, along creek
45224	South of 1616 peak, ele. 1790m	1.0m chip thru weakly rusty PCP, S_0 160/60SW, S_1 130/40NE, ≈50m downstream from iron seep ran: 3538 ppm Ba
45227	Along bank of Bowerhenney Creek, south of Seep Grid ele. 1185m	1.0m chip thru moderately rusty POR, beds 1-4cm wide, wavy folded, S_0 135/60SW, bedding roughly parallel to axial plane of tight to isoclinal folds ran: 10.3 ppm Cd, 174 ppm V
45228	Upper Bowerhenney Creek tributary, North of Seep Grid, ele. 1370m	1.0m chip thru moderate to strongly rusty POR with local PR beds, beds 1-4cm strongly folded in variable directions, local quartz-carbonate veinlets up to 2cm wide, no visible pyrite ran: 1051 ppm Zn, 7.3 ppm Cd, 143 ppm V
45229	Just downstream from #45228, ele. 1330m	1.0m chip thru moderately rusty POR/PR? (mostly POR), locally strongly graphitic, trace pyrite, S_0 140/80SW
45232	Seep Grid, along Bowerhenney Creek ele. 1190m	50cm chip thru PR shale, contains laminated pyrite (up to 0.5cm) and disseminated pyrite, beds 1-5cm, S_0 140/50SW ran: 4.10% Fe
45233	Seep Grid, along Bowerhenney Creek ele. 1178m	1.0m chip thru weakly laminated and disseminated pyrite in PR shale, just upstream from iron seep & waterfall, S_0 010/50E

SAMPLE NUMBER	LOCATION COMMENT	SAMPLE DESCRIPTION
45235	Seep Grid, along Bowerhenney Creek, ele. 1170m	1.0m chip thru laminated pyrite (0.8cm band), weakly disseminated pyrite, strongly graphitic, basically at base of waterfall and major iron seep, transition from pregnant to poker chip shale
45236	NW of Warneford Creek, ele. 1140m	1.0m chip thru weak to moderately rusty PCP with local nodular barite zones (up to 1m wide), bedding folded and distorted, S_0 000/30E, S_1 015/60SE ran: 21155 ppm Ba
45242	NW of Warneford Creek, ele. 1000m	1.0m chip thru PCP with nodular barite, nodules 1-2mm round and squeezed to ellipsoid shapes, concentrated in discontinuous bands up to 2mm wide, S_0 000/36W ran: 266159 ppm Ba
45243	NW of Warneford Creek, ele. 1020m	Same as #45242 plus: 150m upstream, some sections no barite nodules, S_0 000/30E ran: 226420 ppm Ba
45245	NW of Warneford Creek, ele. 1156m	Same as #45242 plus: further upstream, S_0 140/60SW, S_1 140/80SW ran: 245042 ppm Ba
45247	NW of Warneford Creek, ele. 940m	1.0m chip thru PCP with local nodular barite zones, S_0 118/45SW, S_1 096/50SW ran: 56999 ppm Ba

SAMPLE NUMBER	LOCATION COMMENT	SAMPLE DESCRIPTION
45252	at main fork in upper Bowerheney Ck, south of Nod Grid.	Grab of porcellanite with trace pyrite and blue stain on fractures.
45253	Near main fork in upper Bowerheney Ck, @ 1435m elevation on west branch. Nod Grid area.	Grab of nodular barite horizon in laminated shale. Ran: 135160ppm Ba.
45254	Nod Grid L44N - 43+25E	Grab of rusty pregnant shale, trace Py on fractures. Ran: 224ppm Zn.
45255	Nod Grid BL50E - 48+50N	Grab of thick bedded, siliceous shale (Pregnant Shale) with graphitic partings.
45256	Nod Grid 49+25N - 50+50E	Grab of rusty black porcellanite with trace disseminated Py.
45257	Nod Grid L48N - 47+25E	1.0m chip of rusty, laminated black shale. Haning wall to nodular barite, ran: 7848ppm Ba.
45258	Nod Grid hand trench A SE	Chip from 0.5m to 1.1m, poker chip shale. Footwall to nodular barite, ran: 1707ppm Ba.
45259	Nod Grid hand trench A SE	Chip 1.1 to 2.1m, poker chip shale. Footwall to nodular barite, ran: 1830ppm Ba.
45260	Nod Grid hand trench A SE	Chip 2.1 to 3.2m, poker chip shale. Footwall to nodular barite, ran: 1337ppm Ba.
45261	Nod Grid hand trench A SE	Chip 4.2 to 5.2m, poker chip shale. Footwall to nodular barite, ran 2124ppm Ba.
45262	Nod Grid hand trench A SE	Chip 5.2 to 6.2m, poker chip shale. Footwall to nodular barite, ran: 2734ppm Ba.
45263	Nod Grid hand trench A SE	Chip 6.2 to 7.2m, nodular barite. Ran: 302714ppm Ba.
45264	Nod Grid hand trench A SE	Chip 7.2 to 8.2m, nodular barite. Ran: 314099ppm Ba.
45265	Nod Grid hand trench A SE	Chip 8.2 to 9.4m, nodular barite, trace Py. Ran: 244827ppm Ba.
45266	Nod Grid hand trench A SE	Chip 9.4 to 10.2m, nodular barite, trace Py. Ran: 183598ppm Ba.
45267	Nod Grid hand trench A NW	Chip 5.4 to 7.4m, poker chip shale, NE side of nodular barite (HW). Ran: 4026ppm Ba.
45268	Nod Grid hand trench A NW	Chip 7.4 to 9.4m, poker chip shale, NE side of nodular barite (HW). Ran: 2008ppm Ba.

SAMPLE NUMBER	LOCATION COMMENT	SAMPLE DESCRIPTION
45269	Nod Grid hand trench A NW	Chip 9.4 to 11.4m, poker chip shale, NE side of nodular barite (HW). Ran: 1923ppm Ba.
45270	Nod Grid hand trench A NW	Chip 11.4 to 14.2m, poker chip shale, NE side of nodular barite (HW). Ran: 2959ppm Ba.
45272	Longwalk Ck. 1220m elev.	1.0m chip, rusty dark grey shale with mm scale Py laminations. Includes 10cm fault zone. Ran: 3303ppm Ba.
45275	Bowerheney Ck., second side Ck south of heli-pad 1080m elev.	1.0m chip across rusty fault zone which separates porcellanite to the west from bioclastic limestone to the east. Ran: 1787ppm Pb, 2028ppm Zn, 4.3ppm Ag,6.8ppm Cd, 164ppm V, 3736ppm Ba.
45276	Same as 45275, but at 1100m elev.	Grab from black, graphitic porcellanite with fracture and breccia matrix fill Py. Ran: 209ppm Zn.
45283	Creek traverse, north side of Warneford River. 1210m elev.	Composite grab over 0.5m of nodular barite hosted by poker chip shale. Ran: 111579ppm Ba.
45284	Same as 45283, at 1040m elev., at junction with main ck.	Grab of distinctly laminated shale with sparse barite nodules and trace Py. Ran: 19907ppm Ba.
45286	Same as 45283, at 980m elev. in main ck.	Grab of distinctly laminated unit with Ba nodules and minor disseminated Py. Ran: 48153ppm Ba.
45288	Same as 45283, at 960m elev. in main ck.	Grab of Pregnant shale with Ba nodules and minor Py, also blue powder on fracture surfaces. Ran: 19271ppm Ba.
45289	Near 45283, at 1145m elev.	Grab of 30cm x 30cm float boulder of massive to veiny barite. Ran: 484714ppm Ba.
45290	Ridge traverse north of Warneford River, 1187m elev.	0.5m chip of massive barite in silty shale (distinctly laminated unit?). Ran: 392204ppm Ba.
45291	25m downhill from 45290.	Grab of nodular to laminated and massive barite hosted by DL? Ran: 183547ppm Ba.
45292	Same as 45290, at 1170m elev.	1.0m chip through nodular to massive and laminated barite with minor Py (Poker Chip shale host?). Ran: 189699ppm Ba.

APPENDIX VI

Soil Sample Descriptions

"NOD GRID"

1.

1992	SOIL SAMPLES		PROPERTY PROJECT 1715						SAMPLER DOUG NIKIRK			
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L38+00W	50+00E	15	5	BM	DB					15°S		
"	50+25E	20	10	BM	DB					15°S		
"	50+50E	20	10	BM	LB					15°E		
"	50+75E	20	10	BM	LB					10°E		
"	51+00E	20	10	BM	DB					20°E		
"	51+25E	30	10	BM	LB					35°E		
L38+00W	51+50E	30	10	BM	DB					35°E		SHALE o/c @ 51+50E
"	51+75E	30	10	BM	DB					35°E		
"	52+00E	30	10	BM	DB					35°E		
"	52+25E	20	10	BM	DB					20°E		
"	52+50E	30	10	BM	DB					20°E		
"	52+75E	20	10	BM	DB					20°E		
L38+00W	53+00E	30	10	BM	LB					30°E		

"NOD GRID"

2

1992	SOIL SAMPLES					PROPERTY PROJECT 1715						SAMPLER DOUG NIKIRK
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L40+00N	50+00E	30	10	BM	DB					10°E		
"	50+25E	40	10	BM	DB					40°E		
"	50+50E	30	10	BM	LB					40°E		
"	50+75E	30	10	BM	DB					40°E		
"	51+00E	20	10	BM	DB					40°E		
"	51+25E	30	10	BM	DB					35°E		
L40+00N	51+50E	30	10	BM	DB					35°E		
"	51+75E	20	10	BM	DB					35°E		
"	52+00E	20	10	BM	DB					25°E		
"	52+25E	20	10	BM	DB					25°E		
"	52+50E	30	10	BM	DB					25°E		
"	52+75E	20	10	BM	DB					20°E		
L40+00N	53+00E	20	10	BM	DB					25°NE		
"	53+25E	30	10	BM	DB					20°NE		
"	53+50E	20	10	BM	DB					20°E		
"	53+75E	20	10	BM	DB					10°E		
"	54+00E	20	10	BM	LB					10°E		
"	54+25E	30	10	BM	LB					20°E		
L40+00N	54+50E	20	10	BM	LB					10°E		
"	54+75E	20	10	BM	MB					10°E		
"	55+00E	20	10	BM	DB					—		
"	55+25E	30	10	BM	DB					10°E		
"	55+50E	30	10	BM	BL					10°W		CROSS CREEK @ 55+45E O/C IN CREEK BED
"	55+75E	20	10	BM	DB					—		
L40+00N	56+00E	20	10	BM	LB					—		

"Nod Grid"

1992	SOIL SAMPLES			PROPERTY PROJECT 1715							SAMPLER Doug Nikirk		
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L42+00N	50+00E	10	5	BM	LB					—		
"	50+25E	10	5	BM	LB					25°E		
"	50+50E	20	10	BM	DB					35°E		
"	50+75E	20	10	BM	DB					40°E		
"	51+00E	20	10	BM	DB					40°E		
"	51+25E	20	10	BM	DB					30°E		
L42+00N	51+50E	20	10	BM	DB					30°E		
"	51+75E	20	10	BM	DB					38°E		
"	52+00E	20	10	BM	DB					25°E		
"	52+25E	20	10	BM	DB					25°E		
"	52+50E	20	10	BM	DB					25°E		
"	52+75E	20	10	BM	DB					20°E		
L42+00N	53+00E	20	10	BM	BL					25°E		
"	53+25E	20	10	BM	DB					25°E		
"	53+50E	20	10	BM	DB					20°E		
"	53+75E	20	10	BM	LB					20°E		
"	54+00E	20	10	BM	DB					20°E		
"	54+25E	20	10	BM	DB					15°E		
L42+00N	54+50E	20	10	BM	DB					15°E		
"	54+75E	20	10	BM	DB					10°E		
"	55+00E	30	10	BM	DB					10°E		
"	55+25E	40	10	BM	BL					10°E		
"	55+50E	20	10	BM	LB					10°E		
"	55+75E	20	10	BM	LB					10°E		
L42+00N	56+00E	20	10	BM	LB					10°E		

NOD GRID

1992	SOIL SAMPLES				PROPERTY PROJECT 1715					SAMPLER DOUG NIKIRK		
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L43+00N	50+00E	20	10	BM	DB					—		
"	50+25E	20	10	BM	LB					—		
"	50+50E	20	10	BM	DB					35°E		
"	50+75E	20	10	BM	DB					35°E		
"	51+00E	20	10	BM	DB					35°E		
"	51+25E	30	10	BM	DB					35°E		
L43+00N	51+50E	30	10	BM	DB					35°E		O/C @ 51+45E
"	51+75E	30	10	BM	DB					35°E		
"	52+00E	30	10	BM	DB					35°E		
"	52+25E	40	10	BM	DB					35°E		
"	52+50E	20	10	BM	BL					35°E		
"	52+75E	20	10	BM	DB					38°E		
L43+00N	53+00E	20	10	BM	DB					18°E		CROSS CREEK @ 52+95E
"	53+25E	20	10	BM	LB					15°E		
"	53+50E	30	10	BM	LB					20°E		
"	53+75E	30	10	BM	DB					20°E		
"	54+00E	40	10	BM	DB					20°E		
"	54+25E	30	10	BM	LB					20°E		
L43+00N	54+50E	40	10	BM	LB					20°E		
"	54+75E	30	10	BM	LB					20°E		
"	55+00E	30	10	BM	LB					15°E		
"	55+25E	30	10	BM	DB					10°E		
"	55+50E	30	10	BM	DB					10°E		
"	55+75E	40	10	BM	DB					10°E		
L43+00N	56+00E	30	10	BM	DB					10°E		

"NOD GRID"

1992 SOIL SAMPLES PROPERTY PROJECT 1715 SAMPLER DOUG NIKIRK

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	FRAGMENTS ROUND	FRAGMENTS COMP	SLOPE	SEEPAGE	COMMENTS
L46+00N	39+00E	30	10	BM	LB					20°N		
"	39+25E	20	10	BM	LB					20°N		
"	39+50E	20	10	BM	LB					20°N		
"	39+75E	30	10	BM	LB					—		
"	40+00E	40	10	BM?	BL					30°E		
"	40+25E	20	10	BM	MB					—		CROSS CREEK @ 40+10
L46+00N	40+50E	20	10	BM	LB					30°W		
"	40+75E	20	10	BM	MB					30°W		
"	41+00E	20	10	TALUS FINES	MB					30°W		
"	41+25E	20	10	BM	MB					20°W		
"	41+50E	20	10	BM	MB					15°W		
"	41+75E	20	10	BM	MB					15°W		
L46+00N	42+00E	20	10	BM	MB					15°W		
"	42+25E	20	10	BM	MB					15°W		
"	42+50E	20	10	BM	MB					15°W		
"	42+75E	20	10	BM	LB					15°W		
"	43+00E	20	10	BM	LB					15°W		
"	43+25E	20	10	BM	MB					15°W		
L46+00N	43+50E	20	10	BM	MB					10°W		
"	43+75E	20	10	BM	MB					10°W		
"	44+00E	20	10	BM	MB					10°W		
"	44+25E	20	10	BM	MB					10°W		
"	44+50E	20	10	BM	MB					—		
"	44+75E	20	10	BM	MB					15°NE		
L46+00N	45+00E	20	10	BM	DB					15°NE		
"	45+25E	20	10	BM	MB					15°NE		
"	45+50E	20	10	BM	MB					15°NE		
"	45+75E	20	10	BM	MB					15°N		
"	46+00E	20	10	BM	MB					15°N		
"	46+25E	20	10	BM	LB					15°N		
L46+00N	46+50E	20	10	BM	MB					15°N		

"NOD GRID"

1992	SOIL SAMPLES					PROPERTY PROJECT 1715				SAMPLER DOUG NIKIRK		
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L46+00N	46+75E	20	10	BM	MB					15°N		
"	47+00E	20	10	BM	MB					15°N		
"	47+25E	20	10	TALUS FINES	MB					15°N		
"	47+50E	30	10	BM	MB					15°N		
"	47+75E	20	10	BM	MB					15°N		
"	48+00E	20	10	BM	MB					15°N		
"	48+25E	20	10	BM	MB					15°N		
L46+00N	48+50E	20	10	BM	MB					15°N		
"	48+75E	20	10	BM	MB					15°N		
"	49+00E	20	10	BM	LB					—		
"	49+25E	20	10	BM	MB					5°E		
"	49+50E	20	10	BM	MB					15°W		
"	49+75E	20	10	BM	MB					15°W		
L46+00N	50+00E	20	10	BM	MB					—		

"NOD GRID"

1992	SOIL SAMPLES				PROPERTY PROJECT 1715					SAMPLER DOUG NIKIRK		
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L48+00N	39+00E	20	10	BM	LB					—		CROSS CREEK @ 39+15
"	39+25E	40	10	BM	DB					10°W		
"	39+50E	20	10	BM	LB					—		
"	39+75E	20	10	BM	LB					—		
"	40+00E	20	10	BM	LB					—		
"	40+25E	20	10	BM	LB					—		
L48+00N	40+50E	30	10	BM	LB					15°E		
"	40+75E	30	10	BM	DB					30°E		CROSS CREEK @ 40+75
"	41+00E	30	10	BM	DB					—		
"	41+25E	20	10	BM	LB					20°W		
"	41+50E	20	10	BM	LB					20°W		
"	41+75E	20	10	BM	LB					30°W		
L48+00N	42+00E	20	10	BM	LB					30°W		
"	42+25E	10	5	BM	LB					20°W		
"	42+50E	20	10	BM	LB					20°W		
"	42+75E	20	10	BM	LB					20°W		
"	43+00E	20	10	BM	LB					20°W		
"	43+25E	10	5	BM	LB					10°W		
L48+00N	43+50E	20	10	BM	LB					15°N		
"	43+75E	30	10	BM	MB					15°N		
"	44+00E	20	10	BM	MB					15°N		
"	44+25E	20	10	BM	MB					15°N		
"	44+50E	20	10	BM	MB					5°E		
"	44+75E	30	10	BM	LB					5°E		
L48+00N	45+00E	30	10	BM	DB					5°E		
"	45+25E	20	10	BM	DB					—		
"	45+50E	20	10	BM	MB					—		
"	45+75E	20	10	BM	MB					—		
"	46+00E	20	10	BM	LB					15°W		
"	46+25E	20	10	BM	LB					15°W		
L48+00N	46+50E	20	10	BM	LB					15°N		

"NOD GRID"

8.

1992	SOIL SAMPLES		PROPERTY PROJECT 1715						SAMPLER DOUG NIKIRK		
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L48+00N	46+75E	20	10	BM	MB					15°W		
"	47+00E	20	10	BM	DB					15°W		CROSS CREEK @ 47+10
"	47+25E	20	10	BM	MB					15°W		O/C @ 47+25
"	47+50E	20	10	BM	LB					20°W		
"	47+75E	20	10	BM	LB					15°W		
"	48+00E	20	10	BM	DB					15°W		
L48+00N	48+25E	20	10	BM	DB					10°W		
"	48+50E	20	10	BM	MB					10°W		
"	48+75E	20	10	BM	MB					5°W		
"	49+00E	20	10	BM	MB					5°W		
"	49+25E	20	10	BM	MB					10°W		
"	49+50E	20	10	BM	MB					10°W		
"	49+75E	20	10	BM	LB					5°W		
L48+00N	50+00E	20	10	BM	MB					—		CAMP @ 48+00

"NOD GRID"

9.

1992	SOIL SAMPLES			PROPERTY PROJECT 1715						SAMPLER DOUG NIKIRK		
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L51+00N	47+50E	20	10	BM	DB					20°W		
"	47+75E	20	10	BM	DB					15°W		
"	48+00E	20	10	BM	LB					10°W		
"	48+25E	30	10	BM	DB					20°W		
"	48+50E	40	10	TALUS FINES	DB					28°W		
L51+00N	48+75E	15	10	BM	LB					28°W		
"	49+00E	10	5	BM	LB					28°W		
"	49+25E	10	5	BM	LB					10°W		
"	49+50E	10	5	TALUS FINES	DB					15°W		
"	49+75E	15	10	BM	LB					—		
L51+00N	50+00E	15	10	BM	LB					—		
"	50+25E	15	10	BM	LB					—		
"	50+50E	15	10	BM	LB					—		
"	50+75E	10	5	BM	LB					—		
"	51+00E	10	5	BM	LB					—		
L51+00N	51+25E	15	10	BM	MB					15°E		
"	51+50E	15	10	BM	MB					—		
"	51+75E	15	10	BM	MB					—		
"	52+00E	15	10	BM	OB					—		
"	52+25E	15	10	BM	LB					10°E		
L51+00N	52+50E	20	10	BM	LB					10°E		

NOD GRID

1992	SOIL SAMPLES				PROPERTY PROJECT 1715					SAMPLER DOUG NIKIRK		
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	FRAGMENTS ROUND	FRAGMENTS COMP	SLOPE	SEEPAGE	COMMENTS
L52+00N	47+50E	15	10	BM	LB					15°W		
"	47+75E	15	10	BM	LB					15°W		
"	48+00E	15	10	BM	DB					15°W		
"	48+25E	10	5	BM	DB					15°W		
"	48+50E	20	10	BM	DB					10°W		
L52+00N	48+75E	15	10	BM	LB					20°W		
"	49+00E	10	5	BM	LB					20°W		
"	49+25E	15	10	BM	LB					15°NW		
"	49+50E	15	10	BM	LB					15°N		
"	49+75E	15	10	BM	LB					15°N		
L52+00N	50+00E	15	10	BM	LB					15°N		
"	50+25E	20	10	BM	LB					15°N		
"	50+50E	15	10	BM	LB					15°N		
"	50+75E	20	10	BM	LB					15°N		
"	51+00E	15	10	BM	LB					15°N		
L52+00N	51+25E	15	10	BM	LB					15°N		
"	51+50E	20	10	BM	LB					20°NE		
"	51+75E	15	10	BM	OB					20°NE		
"	52+00E	20	10	BM	LB					25°NE		
"	52+25E	20	10	BM	OB					25°N		
L52+00N	52+50E	15	10	BM	LB					20°NE		

"NOD GRID"

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1992	SOIL SAMPLES						PROPERTY PROJECT 1715			SAMPLER DOUG NIKIRK		
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	FRAGMENTS ROUND	FRAGMENTS COMP	SLOPE	SEEPAGE	COMMENTS
L56+00N	45+00E	20	10	BM	LB					20°NW		
"	45+50E	20	10	BM	MB					20°NW		
"	46+00E	20	10	BM	LB					20°NW		
"	46+50E	20	10	BM	DB					20°NW		
"	47+00E	20	10	BM	LB					20°NW		
L56+00N	47+50E	40	10	BM?	BL					20°NW		
"	48+00E	20	10	BM	LB					20°N		
"	48+50E	20	10	BM	LB					25°N		
"	49+00E	20	10	TALUS FINES	BL					30°N		O/C @ 49+15
"	49+50E	20	10	BM	DB					30°N		
L56+00N	50+00E	30	10	BM	DB					30°N		
"	50+50E	20	10	BM	DB					30°N		CROSS SMALL CREEK @ 50+45
"	51+00E	10	5	TALUS FINES	LB					30°N		O/C @ 51+10 SAMPLE @ 50+95
"	51+50E	20	10	BM	DB					30°N		
L56+00N	52+00E	20	10	BM	DB					30°N		

NOD GRID L 45+00N, L 54+00N, L 44+00N

1992	SOIL SAMPLES					PROPERTY PROJECT 1715					SAMPLER G. MAY	
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L45+00N	46+75E	35	10	Bm	MB					—		
	47+00E	30	10	Bm	MB					—		
	25	20	10	Bm	MB					→		NODULAR BARITE O/C ?
	50	25	10	Bm	MB					→		
	75	20	10	Bm	MB					→		
	48+00E	20	10	Bm	MB				SL/ta	—		
	25	30	10	Bm	MB					—		
L45+00N	50	30	10	Bm	MB				SL/ta	—		
	75	30	10	Bm	MB					—		
	49+00E	30	10	Bm	MB					—		
	25	30	10	Bm	MB					—		
	50	30	10	Bm	MB					—		
	75	30	10	Bm	MB					—		
L45+00N	50+00E	30	10	Bm/C1	LB				SL/ta	—		
L 54+00N	45+00E	30	10	Bm	MB					→		
	50	30	10	Bm	MB					→		
	46+00E	30	10	Bm	LB					→		
	50	30	10	Bm	MB					→		
	47+00E	30	10	Bm	LB					→		
	50	20	5	Bm	LB					→		
	48+00E	25	5	Bm	LB				SL/ta	→		[illegible] surface
L 54+00N	50	30	10	Bm	MB				[illegible]	→		[illegible]
	49+00E	30	10	Bm	MB				SL/ta	→		"poker chip" O/C
	50	30	10	Bm	MB				[illegible]	→		Shale O/C some iron staining (SURFACE)
	50+00E	30	10	Bm	MB				SL/ta	—		
	50	25	10	Bm	MB				SAND	→		[illegible]
	51+00E	35	10	Bm	MB				SL/ta	—		O/C
	30	25	5	Bm	OB					—		
L 54+00N	52+00E	25	10	Bm	MB				SL/ta	→		O/C Shale
L44+00N	50+00E to 56+00E		GRAVITY	SURVEY	LINE -	NO	SAMPLES					50+45E "poker chip" O/C ~51+00E to ~54+50 ~50m SE of line - O/C in creek (mini kan)

NOD GRID L 45+00N

1992	SOIL SAMPLES									PROPERTY PROJECT 1715	SAMPLER G. MAY	
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L 45+00N	39+00E	35	10	BM	MB					→		
	25	35	10	BM	DB				CL	→		CREEK
	50	35	10	BM	BM					–		
	75	35	10	BM	MB				SL	–		
	40+00E	35	10	BM	LB					→		
	25	35	10	BM	LB					→		
	50	35	10	BM	LB					→		
	75	40	10	BM	DB					→		
	41+00E	25	10	BM	MB				SL	→		
	25	25	10	BM	MB				SL/ta	→		
	50	25	10	BM	MB					→		
	75	25	10	BM	LB					→		
	42+00E	25	10	BM	LB					–		
	25	20	10	BM	LB					–		
	50	20	10	BM	LB					–		
	75	20	10	BM	LB					–		
L 45+00N	43+00E	30	10	BM	DB					–		
	25	30	10	BM	DB		60		[illegible]	–		
	50	25	10	BM	DB					→		
	75	25	10	BM	MB		60		SL/ta	→		
	44+00E	25	10	BM	MB					→		
	25	55	10	BM	MB					→		
	50	45	10	BM ?	DB					→		
	75	35	10	BM	MB					→		
	45+00E	25	10	BM	MB					→		
	25	20	10	BM	DB					→		
	50	25	10	BM	MB				SL/ta	→		
	75	25	10	BM	MB					–		
	46+00E	35	10	BM	MB					–		
	25	35	10	BM	MB				SL/ta	–		
L 45+00N	46+50E	30	10	BM	MB					–		

NOD GRID L47+00N, L49+00N

1992 **SOIL SAMPLES** **PROPERTY PROJECT** 1715 **SAMPLER** G. MAY

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L47+00N	49+00E	20	10	BM	MB					→		
	25	20	10	BM	LB					→		
	50	25	10	BM	MB					→		
	75	25	10	BM?	DB					–		
L47+00N	50+00E	25	10	BM	MB					–		
L49+00N	45+00E	25	10	BM	MB					–		
	25	25	10	BM	MB					–		
	50	25	10	BM	MB					–		
	75	30	10	BM	MB					→		CREEK 45+50E
	46+00E	25	10	BM	MB					→		
	25	25	10	BM	MB					→		
	50	30	10	BM	MB					→		
	75	25	10	BM	LB					→		
L49+00N	47+00E	25	10	BM	LB					→		
	25	20	10	BM	LB					→		
	50	20	10	BM	LB					→		
	75	20	10	BM	LB					→		
	48+00E	20	10	BM	LB					→		
	25	20	10	BM	LB					→		
	50	10	5	BM	LB					→		
	75	10	5	BM	LB					→		
	49+00E	10	5	BM	MB					→		
	25	20	10	BM	MB					→		
	50	20	10	BM	LB					→		
	75	20	10	BM	LB					→		
L49+00N	50+00E	20	10	BM	LB					→		

NOD GRID L 47+00N

1992 SOIL SAMPLES PROPERTY PROJECT 1715 **SAMPLER** G. MAY

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L47+00N	41+25E	35	10	Bm	MB							
	50	30	10	Bm	MB							
	75	30	10	Bm	LB							
	42+00E	30	10	Bm	MB							
	25	25	10	Bm	LB							
	50	25	10	Bm	MB							
	75	30	10	Bm	DB							
	43+00E	25	10	Bm	DB							
	25	25	10	Bm	MB							
	50	25	10	Bm?	DB							
	75	25	10	Bm	LB							
	44+00E	25	10	Bm	LB							
	25	25	10	Bm	DB							
	50	25	10	Bm	MB							
	75	25	10	Bm	MB							
L47+00N	45+00E	30	10	Bm	GB							
	25	25	10	Bm	MB							
	50	25	10	Bm	LB							
	75	25	10	Bm	LB							
	46+00E	30	10	Bm	MB							
	25	25	10	Bm	LB							
	50	25	10	Bm	LB							
	75	25	10	Bm	LB							
	47+00E	45	10	Bm?	DG							
	25	45	10	Bm?	DB							Nodular Barite float (local)
	50	30	10	Bm	DB							
	75	25	10	Bm	DB							
	48+00E	25	10	Bm	DB							
	25	20	10	Bm	DB							
	50	50	10	Bm	DB							
L47+00N	48+75E	20	10	Bm	MB							

NOD GRID L 50+00N, L 47+00N

1992 SOIL SAMPLES PROPERTY PROJECT 1715 SAMPLER G. MAY

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L 50+00N	45+00 E	30	10	BM	MB					—		CREEK 44+95E
	25	30	10	BM	MB					SW →		
	50	30	10	BM	MB					→		
	75	20	5	BM	MB					→		
	46+00 E	20	10	BM	LOB					→		
	25	20	10	BM	MB					→		
	50	20	10	BM	GR					→		
	75	20	10	BM	LB				SL/ta	→		
	47+00 E	20	10	BM	LB				SL/ta	→		
	25	30	10	BM	LB				SL/ta	→		
	50	20	10	BM	LOB					→		
	75	20	10	BM	MB				SL/ta	→		
	48+00E	20	10	BM	MB					→		
	25	15	5	BM	DB				SL/ta	→		
	50	15	5	BM	LB		50		SL/ta	→		
	75	20	5	BM	LB		50		SL/ta	→		
	49+00E	15	5	BM	LB		65		SL/ta	→		
	25	20	5	BM	GB		50		SL/ta	→		
	50	20	5	BM	LOB					—		
	75	20	5	BM	LOB		60		SL/ta	-		
L 50+00N	50+00 E	15	5	BM	LOB		60		SL/ta	-		
L47+00N	39+00 E	35	10	BM	MB					SW →		
	25	35	10	BM	MB					—		
	50	35	10	BM	GB					—		
	75	35	10	BM	MB					→		CREEK 39+85E
	40+00E	35	10	BM	DB					→		
	25	25	10	BM	LB					→		
	50	25	10	BM	LB					→		
	75	35	10	BM	MB					→ N		o/c shale
L47+00N	41+00E	35	10	BM	MB					→ N		

NOD GRID L 41+00N

1992	SOIL SAMPLES			PROPERTY PROJECT 1715						SAMPLER G. MAY		
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L 41+00N	56+00E	60	10	BM	GR					SW →		CREEK ~15 meters to South
	75	35	10	BM	GB					SW →		
	50	35	10	BM	GB					→		
	25	35	10	BM	MB					→		
	55+00E	35	10	BM	MB					→		
	75	35	10	BM	MB					→		
	50	25	10	BM	MB					→		
	25	25	10	BM	MB					→		
	54+00E	25	10	BM	MB					→		
	75	25	10	BM	MB					→		
	50	25	10	BM	MB					→		
	25	25	10	BM	MB					→		
	53+00E	30	10	BM	MB				CL	→		
L 41+00N	75	30	10	BM	MB					→		
	50	30	10	BM	MB				CL	→		
	25	30	10	C1 ?	DGR					→		
	52+00E	30	10	C1 ?	DGR					→		
	75	35	10	BM	MB		50		St/m	→		
	50	35	10	BM	MB					→		
	25	25	10	BM	BM					→		
	51+00E	30	10	BM	MB					→		
	75	20	10	BM	LB					→		
	50	20	10	BM	OB				St/m	→		
	25	30	10	BM	MB		50		St/m	→		
L 41+00N	50+00E	20	5	BM	MB				St/m	–		Ridge

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NOD GRID L 44+00N

1992	SOIL SAMPLES				PROPERTY PROJECT 1715					SAMPLER G. MAY		
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L 44+00N	42+75E	20	10	BM	MB				SL/ta	→		
	43+00E	25	10	BM	MB				SL/ta	→		
	25	25	10	BM	DB					→		CREEK 43+20E
	50	30	10	BM	MB					→		
	75	30	10	BM	MB					→		
	44+00E	25	10	BM	LOB					→		
	25	25	10	BM	DB				SL/ta	→		
	50	20	10	BM	DB					→		
	75	25	10	BM	DB				"	→		
	45+00E	30	10	BM	MB				CL/ta	→		
	25	30	10	?	GR		80		SL/ta	→		
	50	30	10	BM	MB					→		
	75	30	10	BM	MB		75		SL/ta	→		
	46+00E	30	10	BM ?	MB				SL/ta	→		
L 44+00N	25	30	10	BM ?	MB				SL/ta	→		very fine talus
	50	25	10	BM	DB				SL/ta	→		very fine talus
	75	25	10	BM	DB				SL/ta	→		
	47+00E	20	10	BM	DGR					→		
	25	25	10	C1	LB				SL/ta	→		
	50	20	10	BM	DB				SL/ta	→		"poker chip" talus
	75	10	5	BM	DB				CL	→		
	48+00E	10	5	BM	DB		50		SL/ta	→		
	25	25	10	BM	DB					–		
	50	20	10	BM	DB		50		SL/ta	→		
	75	35	10	BM	DB					→		
	49+00E	25	10	BM	MB					→		
	25	25	10	BM	MB					→		
	50	25	10	BM	MB					→		
	75	25	10	BM	MB					→		
L 44+00N	50+00E	25	10	BM	MB					→		

NOD GRID L 44+00N

1992 SOIL SAMPLES PROPERTY PROJECT 1715 SAMPLER G. MAY

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	FRAGMENTS ROUND	FRAGMENTS COMP	SLOPE	SEEPAGE	COMMENTS
L 44+00N	35+00E	25	10	BM	OB		40		SL/ta	NE →		
	25	20	10	BM	OB		60		SL/ta	→		
	50	20	10	BM	MB		25		SL/ta	→		
	75	25	10	BM	MB		[illegible]		SL/ta	→		cherty talus
	36+00E	25	10	BM	OB				SL/ta	→		
	25	25	10	BM	MB					—		
	50	30	10	BM	MB					→		
	75	35	10	BM	DB				CL	→		
	37+00E	35	10	BM	GR					→		36+60 DRAW
	25	30	10	BM	LB					→		
	50	30	10	BM	MB					→		
	75	30	10	BM	MB					→		
	38+00E	25	10	BM	MB				CL	→		
	25	25	10	BM	MB				CL	→		
	50	25	10	BM	MB				CL	→		
	75	25	10	BM	MB					NW →		
L 44+00N	39+00E	25	10	BM	MB					NW →		
	25	25	10	BM	MB					NW →		
	50	25	10	BM	MB					NW →		
	75	25	10	BM/C1	GB					NW →		
	40+00E	25	10	BM	MB					NW →		
	25	25	10	BM	MB				SL/ta	NW →		
	50	25	10	BM	MB					NW →		
	75	~~25~~	10	BM	MB				SL/ta	→		
	41+00E	25	10	BM	LB					→		
	25	25	10	BM	LB					→		
	50	25	10	BM	LOB					→		
	75	25	10	BM	LOB					—		
	42+00E	15	5	BM	MB					—		Ridge
	25	15	5	BM	MB					—		
L 44+00N	50	20	10	BM	MB					→		shale plt. "poker chip"

NOD GRID L38+00N

1992	SOIL SAMPLES		PROPERTY PROJECT 1715							SAMPLER G. MAY		
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L38+00N	49+75E	20	5	Bm	MB				SL/ta	SW		
	50	20	10	BM	MB					SW		
	25	20	10	BM	MB					SW		
	49+00E	25	10	BM	LB					SW		
	75	25	10	Bm	MB				SL/ta	→		
	50	25	10	Bm	LB				SL/ta	→		
	25	25	10	Bm	LB				SL/ta	→		
	48+00E	25	10	Bm	DB				SL/ta	→		
	75	25	10	Bm	DB				SL/ta	–		
	50	25	10	Bm	LB				CL/ta	SW		
	25	20	10	Bm	DB				CL/ta	→		
L38+00N	47+00E	25	10	Bm	MB				SL/ta	→		
	75	25	10	BM	MB					→		
	50	30	10	Bm	MB					→		
	25	30	10	Bm	DB		70		SL/ta	→		
	46+00E	30	10	Bm	MB					→		
	75	30	10	Bm?	DB					–		45+80E CREEK (SILT)
	50	10	5	Bm	–		90		ta	→		
	25	30	10	Bm	LB				SL/ta	→		
	45+00E	30	10	Bm	MB					→		
	75	25	10	BM	LB					SW		
	50	25	10	Bm	DB					→		
	25	20	10	Bm	LB					→		o/c siliceous cherty shale STK ~ 355° DIP ∠ 72° W
L38+00N	44+00E	25	10	Bm	MB					→		
	75	25	10	Bm	MB					→		
	50	30	10	Bm	MB					→		CREEK 43+65E
	25	25	10	Bm	MB					→		
L38+00N	43+00E	25	10	Bm	MB				CL	→		

"SEEP GRID"

1.

(11 PAGES TOTAL)

"SEEP GRID" (Mt ALCOCK)

1992	SOIL SAMPLES			PROPERTY PROJECT 1715						SAMPLER G. MAY		
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L60+00N	55+00E	45	10	BM	MB					→		
	25	40	10	BM	MB		50			→		soil/talus
	50	35	10	BM	MB		70			→		clay/talus
	75	35	10	BM	MB					→		
	56+00E	35	10	BM	LB		80			→		soil/talus
	25	30	10	BM	LB					→		
	50	30	10	BM	LB					→		
	75	25	10	BM	LB					→		
	57+00E	35	10	BM	LB					→		
	25	35	10	BM	MB					→		
L60+00N	50	35	10	BM	LB					→		
	75	35	10	BM	DG					→		
	58+00E	35	10	BM	MB					—		
	75	35	10	BM	LB					→		
	50	35	10	BM	LB					→		
	25	35	10	BM	LB					→		
	59+00E	35	10	BM	LB					→		
	25	40	10	BM	MB					→		
	50	50	10	BM	GB				silt	—		CRK 59+45E
L60+00N	59+75	60	10	BM	MB					→		Iron seep runoff

"SEEP GRID"

1992	SOIL SAMPLES			PROPERTY PROJECT 1715						SAMPLER DOUG NIKIRK		
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L60+00N	60+00E	30	10	BM	DB					35°W		
"	60+25E	20	10	BM	MB					35°W		
"	60+50E	20	10	BM	LB					35°W		
"	60+75E	20	10	BM	LB					30°NW		
"	61+00E	20	10	BM	LB					25°NW		
L60+00N	61+25E	20	10	BM	LB					30°N		
"	61+50E	30	10	BM	LB					30°N		
"	61+75E	30	10	BM	LB					30°N		
"	62+00E	30	10	BM	MB					35°N		
"	62+25E	20	10	BM	DB					35°N		O/C @ 62+20E
L60+00N	62+50E	30	10	BM	LB					35°N		
"	62+75E	30	10	BM	LB					35°N		
"	63+00E	20	10	BM	LB					35°N		
"	63+25E	40	10	BM	LB					35°N		
"	63+50E	30	10	BM	DB					45°N		
L60+00N	63+75E	30	10	BM	DB					45°N		
"	64+00E	30	10	BM	DB					45°N		
"	64+25E	20	10	BM	DB					45°N		O/C @ 64+40E
"	64+50E	20	10	BM	DB					45°N		
"	64+75E	20	10	BM	DB					—		O/C @ 64+75E CROSS CREEK @ 64+80E
L60+00N	65+00E	10	5	BM	MB					40°S		O/C @ 65+00E

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"SEEP GRID"

1992	SOIL SAMPLES	PROPERTY PROJECT 1715	SAMPLER G. MAY

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L62+00N	55+00E	30	10	Bm	MB					→		
	25	45	10	Bm.						→		
	50	40	10	Bm						→		
	75	35	10	Bm						→		
	56+00E	40	10	Bm						→		
	25	35	10	Bm						→		Gully
	50	30	10	Bm						→		
	75	35	10	Bm						→		
	57+00E	35	10	Bm						→		Gully/CRK
	25	30	10	Bm					–	–		
L62+00N	50	35	10	Bm						–		
	75	35	10	Bm						→		
	58+00E	30	10	Bm			50			→		soil/talus
	25	30	10	Bm						→		
	50	35	10	Bm						→		
	75	30	10	Bm			65			→		soil/talus
	59+00E	30	10	Bm						→		
	25	30	10	C1?			75			→		o/c "poker chip"
	50	35	10	Bm			50			→		
L62+00N	59+75E	35	10	Bm			40			→		soil/talus

SEEP GRID

1992	SOIL SAMPLES				PROPERTY PROJECT 1715					SAMPLER DOUG NIKIRK		
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L62+00N	60+00E	20	10	BM	MB					35°E		
"	60+25E	20	10	BM	MB					30°E		
"	60+50E	30	10	BM?	DB					—		CROSS CREEK @ 60+50E SAMPLE TAKEN 5M EAST
"	60+75E	20	10	BM	MB					35°W		
"	61+00E	20	10	BM	MB					35°W		
L62+00N	61+25E	20	10	BM	LB					35°W		
"	61+50E	20	10	BM	LB					25°W		
"	61+75E	20	10	BM	LB					30°S		
"	62+00E	20	10	BM	LB					35°S		
"	62+25E	20	10	BM	LB					35°S		
L62+00N	62+50E	30	10	BM	LB					35°S		
"	62+75E	20	10	BM	LB					35°S		O/C @ 62+75E
"	63+00E	10	5	TALUS FINES	BL					35°S		O/C @ 63+00E
"	63+25E	5	5	TALUS FINES	BL					35°S		O/C @ 63+25E
"	63+50E	20	10	BM	LB					35°S		
L62+00N	63+75E	5	5	TALUS FINES	BL					35°S		O/C @ 63+75E
"	64+00E	30	10	BM	DB					35°S		
"	64+25E	20	10	BM	MB					30°SW		
"	64+50E	20	10	BM	LB					30°SW		
"	64+75E	20	10	BM	MB					30°SW		O/C @ 64+65E
L62+00N	65+00E	20	10	BM	LB					35°SW		O/C @ 65+00E

"SEEP GRID" 5.

1992	SOIL SAMPLES			PROPERTY PROJECT 1715						SAMPLER DOUG NIKIRK		
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L64+00N	55+00E	20	10	BM	LB					10°E		
"	55+25E	20	10	BM	LB					20°E		
"	55+50E	20	10	BM	LB					20°E		
"	55+75E	20	10	BM	LB					30°E		BOTTOM OF GULLY
"	56+00E	20	10	BM	LB					15°SE		
L64+00N	56+25E	20	10	BM	LB					20°SE		
"	56+50E	20	10	BM	MB					10°E		
"	56+75E	20	10	BM	MB					10°E		
"	57+00E	20	10	BM	MB					10°E		
"	57+25E	20	10	BM	LB					10°E		
L64+00N	57+50E	20	10	BM	MB					25°E		
"	57+75E	20	10	BM	MB					25°E		
"	58+00E	20	10	BM	MB					25°E		
"	58+25E	20	10	BM	LB					25°E		
"	58+50E	20	10	BM	LB					25°E		
L64+00N	58+75E	20	10	BM	LB					35°E		
"	59+00E	20	10	BM	LB					35°E		
"	59+25E	20	10	BM	LB					35°E		
"	59+50E	20	10	BM	LB					35°E		
"	59+75E	20	10	BM	LB					40°E		
L64+00N	60+00E	20	10	BM	MB					40°E		
"	60+25E	20	10	BM	DB					40°E		
"	60+50E	20	10	BM	DB					40°E		CROSS CREEK @ 60+55E
"	60+75E	5	5	TALUS FINES	DB					40°W		O/C @ 60+75E
"	61+00E	20	10	BM	LB					40°W		
L64+00N	61+25E	20	10	BM	LB					25°W		
"	61+50E	20	10	BM	LB					25°W		
"	61+75E	20	10	BM	LB					15°W		
"	62+00E	20	10	BM	LB					20°W		
"	62+25E	20	10	BM	LB					25°W		
L64+00N	62+50E	20	10	BM	LB					30°W		

SEEP GRID

6.

1992	SOIL SAMPLES			PROPERTY PROJECT 1715						SAMPLER DOUG NIKIRK		
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	FRAGMENTS ROUND	FRAGMENTS COMP	SLOPE	SEEPAGE	COMMENTS
L64+00N	62+75E	20	10	BM	LB					25°W		
"	63+00E	20	10	BM	LB					25°W		
"	63+25E	20	10	BM	LB					25°W		
"	63+50E	20	10	BM	LB					15°W		
"	63+75E	20	10	BM	LB					15°W		
L64+00N	64+00E	20	10	BM	LB					15°W		
"	64+25E	20	10	BM	LB					10°W		
"	64+50E	20	10	BM	LB					40°SW		
"	64+75E	20	10	BM	LB					40°SW		
L64+00N	65+00E	20	10	BM	LB					40°SW		

"SEEP GRID"

7.

1992	SOIL SAMPLES					PROPERTY PROJECT 1715				SAMPLER DOUG NIKIRK		
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L68+00N	55+00E	20	10	BM	LB					20°E		
"	55+25E	20	10	BM	LB					20°E		
"	55+50E	20	10	BM	LB					20°E		
"	55+75E	10	5	BM	LB					20°E		
"	56+00E	20	10	BM?	DB					20°E		
L68+00N	56+25E	20	10	BM	LB					20°E		
"	56+50E	20	10	BM	LB					20°E		
"	56+75E	20	10	BM	LB					20°E		
"	57+00E	20	10	BM	LB					10°E		
"	57+25E	20	10	BM	LB					10°E		
L68+00N	57+50E	20	10	BM	LB					15°E		
"	57+75E	20	10	BM	LB					15°E		
"	58+00E	20	10	BM	LB					20°E		
"	58+25E	20	10	BM	LB					20°E		
"	58+50E	20	10	BM	LB					25°E		
L68+00N	58+75E	20	10	BM	LB					20°E		
"	59+00E	20	10	BM	LB					25°E		
"	59+25E	30	10	BM	LB					30°E		
"	59+50E	20	10	BM?	DB					40°E		
"	59+75E	20	10	BM	DB					40°E		
L68+00N	60+00E	20	10	BM	MB					40°E		
"	60+25E	20	10	BM	MB					35°W		CROSS CREEK @ 60+20E
"	60+50E	20	10	BM	MB					35°W		
"	60+75E	20	10	BM	DB					35°W		
"	61+00E	20	10	BM	LB					30°W		
L68+00N	61+25E	20	10	BM	DB					30°W		CROSS SMALL CREEK @ 61+25E
"	61+50E	20	10	BM	LB					30°W		
"	61+75E	20	10	BM	LB					30°W		
"	62+00E	20	10	BM	LB					25°W		
"	62+25E	20	10	BM	LB					20°W		
L68+00N	62+50E	30	10	BM	DB					20°W		

"SEEP GRID"

8.

1992	SOIL SAMPLES					PROPERTY PROJECT 1715					SAMPLER DOUG NIKIRK		
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	FRAGMENTS ROUND	FRAGMENTS COMP	SLOPE	SEEPAGE	COMMENTS
L68+00N	62+75E	20	10	BM	MB					25°W		
"	63+00E	20	10	BM	LB					10°W		
"	63+25E	20	10	BM	MB					28°W		
"	63+50E	20	10	BM	MB					38°W		
"	63+75E	20	10	BM	LB					20°W		
L68+00N	64+00E	30	10	BM	LB					15°W		
"	64+25E	30	10	BM?	DB					25°W		
"	64+50E	20	10	BM	MB					20°W		
"	64+75E	20	10	BM	LB					28°W		
L68+00N	65+00E	20	10	BM	MB					20°W		

"SEEP GRID"

1992	SOIL SAMPLES					PROPERTY PROJECT 1715						SAMPLER G. MAY
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L66+00W	55+00E	10	35	Bm	MB					→		
	25	10	35	Bm	MB					→		
	50	10	35	Bm	LB					→		
	75	10	35	Bm	MB					→		clay
	56+00E	10	35	Bm	MB					→		
	25	10	30	Bm	MB		30			→		soil/talus
	50	10	30	Bm	MB					→		some rusty soil
	75	10	35	Bm	OB					→		
	57+00E	10	20	Bm	MB					→		
	25	10	35	Bm	MB					→		
	50	10	35	Bm	MB					→		
	75	10	35	Bm	MB					→		
	58+00E	10	35	Bm	MB					→		
	25	10	35	Bm	MB					→		
L66+00W	50	10	35	Bm	LB					→		
	75	10	35	Bm	MB					→		
	59+00E	10	35	?	GR		90			→		Tal
	25	10	35	Bm	DB					→		
	50	10	35	Bm	DB					→		
	75	10	35	Bm	MB					→		
	60+00E	10	25	Bm	DB					→		
	25	10	25	Bm	DB					→		soil/talus
	50	10	25	Bm	MB					—		CREEK
	75	10	25	Bm	MB					→		soil/gravel
	61+00E	10	25	Bm	MB					→		
	25	10	35	Bm	MB					→		
	50	10	25	Bm	MB					→		
	75	10	25	Bm	MB					→		
	62+00E	10	25	Bm	MB					→		
	25	10	25	Bm	MB					→		
L66+00W	62+50E	10	30	Bm	MB					→		

"SEEP GRID"

1992 SOIL SAMPLES PROPERTY PROJECT 1715 SAMPLER G. MAY

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L66+00N	62+75E	10	25	BM	MB					→		
	63+00E	10	35	BM	MB					→		
	25	10	30	BM	MB					→		
	50	10	30	BM	MB					→		
	75	10	30	BM	OB					→		
	64+00E	10	30	BM	MB					→		
	25	10	35	BM	MB		40			→		soil/talus
	50	10	30	BM	MB					→		
	75	10	35	BM	LB					→		
L66+00N	65+00E	10	35	BM	MB					→		
		Depth	Thick									
L70+00N	55+00E	10	35	BM	MB							
	25	10	30	BM	MB					→		
	50	10	30	BM	MB					→		
	75	10	25	BM	MB					→		
	56+00E	10	30	BM	MB					→		
	25	10	30	BM	MB					→		
	50	10	25	BM	LB					→		
	75	10	35	BM	MB					→		
	57+00E	10	35	BM	MB					→		
	25	10	35	BM	MB					→		
	50	10	35	BM	MB					→		
	75	10	30	BM	MB					→		
	58+00E	10	35	BM	MB					→		
	25	10	20	BM	LB					—		BENCH
	50	10	30	BM	OB					—		
	75	10	35	BM	GB					→		
	59+00E	10	35	BM	DB					→		
	25	10	35	BM	MB					→		
	50	10	35	BM	DB					→		CREEK 59+65E
L70+00N	59+75E	10	35	BM	GR		40			→		soil/talus

11.

"SEEP GRID"

1992	SOIL SAMPLES			PROPERTY PROJECT							SAMPLER G. MAY	
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L70+00N	60+00E	10	20	Bm	GB		40			→		soil/talus
	25	10	35	Bm	MB					→		
	50	10	35	Bm	MB					→		
	75	10	35	Bm	MB					–		
	61+00E	10	35	Bm	MB					–		61+05E CREEK
	25	10	35	Bm	MB					→		
	50	10	35	Bm	LB					→		
	75	10	25	Bm	MB		60			→		soil/talus
	62+00E	10	30	Bm	MB					→		
	25	10	35	Bm	MB					→		
L70+00N	50	10	25	Bm	MB					→		
	75	10	30	Bm	MB		30			→		soil/talus
	63+00E	10	70	Bm	MB					→		
	25	10	35	Bm	MB					→		
	50	10	35	Bm	MB					→		
	75	10	35	Bm	MB					→		
	64+00E	10	35	Bm	MB					→		
	25	10	35	Bm	MB					→		
	50	NO SAMPLE – Gully thick A horizon										CREEK
	75	10	35	Bm	MB					→		
L70+00N	65+00E	10	35	Bm	MB					→		

APPENDIX VII

Gravity Survey Specifications and Procedures

Instrumentation:

A Lacoste & Romberg gravity meter, serial #371, was utilized for the gravity measurements. Pertinent meter variables are summarized below.

Meter #371:

Range:	Value:	Interval:
4600	4836.25	1.05173
4700	4941.42	1.05168

Additional Survey Equipment:

1 Compaq portable computer

1 GDD Instrumentation Hydrostatic level

Field Procedures, Gravity:

All gravity readings were taken in a loop procedure to allow for correction of instrument drift. Temporary field bases were established as required to expedite the survey.

The gravity meters' sensitivity was set prior to the commencement of the survey and checked regularly as the survey progressed. All gravity readings were taken to the 1/100th of a milligal. Due to the extreme topography and close station spacing inner terrain corrections were not taken. The large intrinsic errors of the terrain correction would likely mask the local anomalies in this scale of survey. Five percent of the gravity stations were repeated on a random basis as an additional check on data quality. The average repeat difference was .05 milligals. The daily ties and repeatability of gravity measurements prove the overall integrity of the gravity surveying.

Field Procedures, Surveying:

A GDD hydrostatic level was used to obtain the gravity station elevations. The GDD level determines differential levels between two sensor ends. Using a 'leapfrog' technique elevations along and between lines can be determined. The advantage of this system is that line of sight is not required to conduct the survey. The disadvantage is that traverse closures exceed the normal closures of an optical survey by several factors. Two minimize elevation inaccuracies each gravity station was occupied twice in a closed survey loop.

DATA REDUCTION:

The gravity readings were converted to milligals and corrected for: instrument height, earth tides, drift between base ties and adjusted to the local base value. The results are listed as Observed Gravity. Using elevations derived from the GDD hydrostatic level, the Observed Gravity values were then corrected to Bouguer Gravity using the following formula:

$$Gb = Gobs + tc - Gl + (.30845*h) - ((.04186*h)*d)$$

where:

$Gb = Bouguer\_Gravity$

$Gobs = Observed\_Gravity$

$Gl = latitude\_correction$

$tc = total\_terrain\_correction$

$h = station\_elevation$

$d = density$

The latitude correction was calculated as

$1.307 * \mathrm{SIN}\hat{\ }2 * latitude(mgals/mileNorth/South)$

Line and station positions were used to geometrically derive North-South distances.

To ensure the most accurate elevations possible from the GDD level, the following adjustments were made to the raw field readings. The loop misclosure was prorated throughout the survey traverse, then the two individual readings made at each gravity station were meaned. I feel that these measures contributed substantially to the accuracy of the elevation survey and the overall viability of the entire gravity survey.

SUMMARY:

There were no problems with either the gravity survey logistics or gravity data integrity throughout the course of this gravity survey. The high accuracy of the gravity measurements, as indicated by the base ties and repeats yields a reliable gravity data set from which exploration decisions may be based.

FIELD PROCEEDURE

Elevations

The survey was conducted using a GDD electronic level to measure elevation differences between stations. The electronic level consists of a fluid filled plastic hose and two pressure sensors to measure hydraulic pressure within the fluid. The system is sensitive to temperature changes and therefore must be used in differential mode and frequently zeroed.
In this survey, a point near camp was chosen as the zero point and all measurements on the grid referenced to this point. Proceedure is for the lead operator to take a reading at a piont, mark the point, and continue on. When the rear operator reaches this point, the elevation difference is taken and the proceedure repeated.

Gravity.

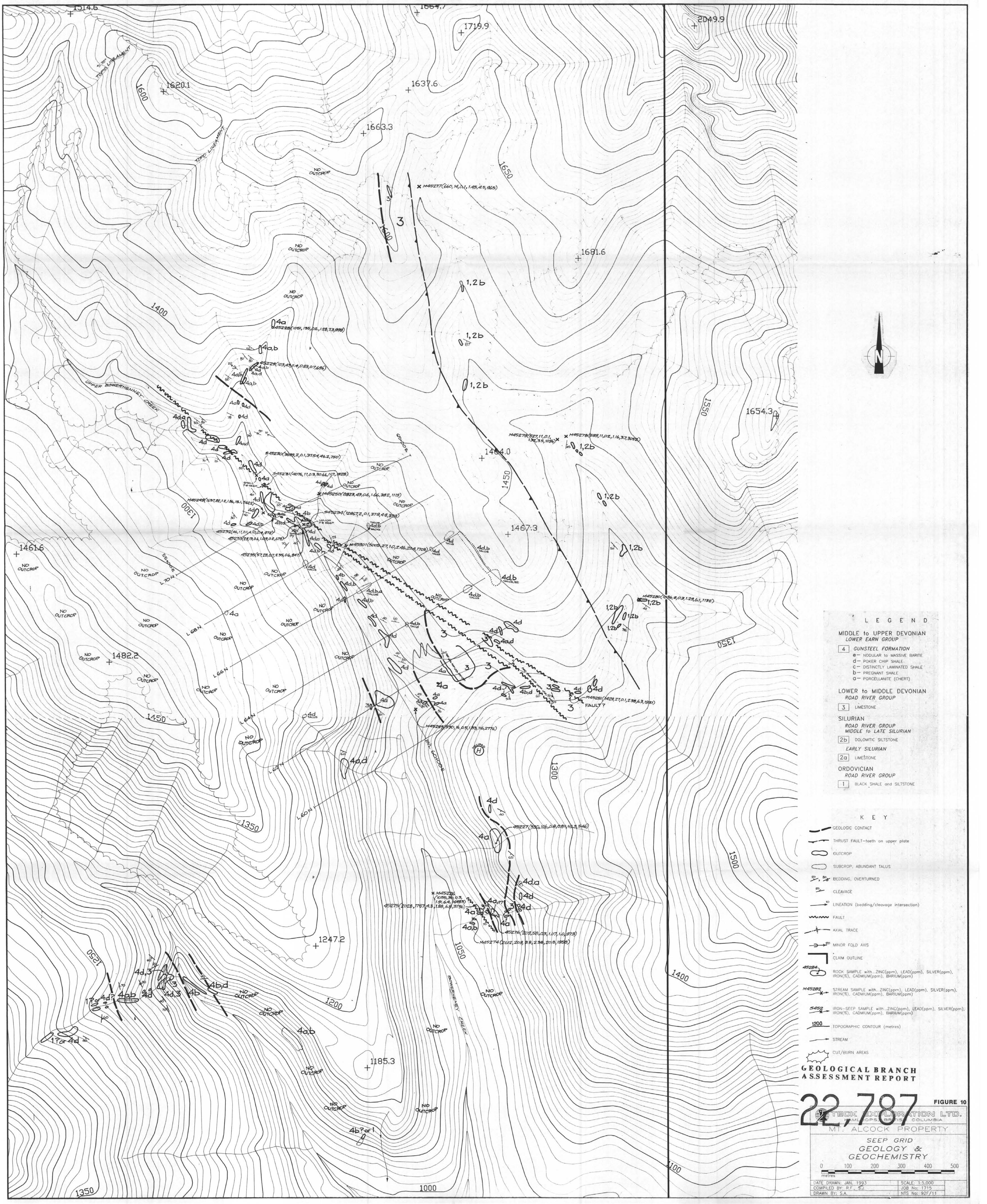
The survey utilized a Lacoste & Romberg G meter. A base station was set near camp (same as elevation) and all data was read in a looping proceedure from this point. Data was corrected for G meter daily drift, converted to observed gravity using the correction factors for the particular meter and reduced to Bouguer gravity using the formula

GBouguer= Gobserved+(0.30845*elevation)-(0.04188*elevation*density)
-Latitude corr+tidal corr+Terrain correction

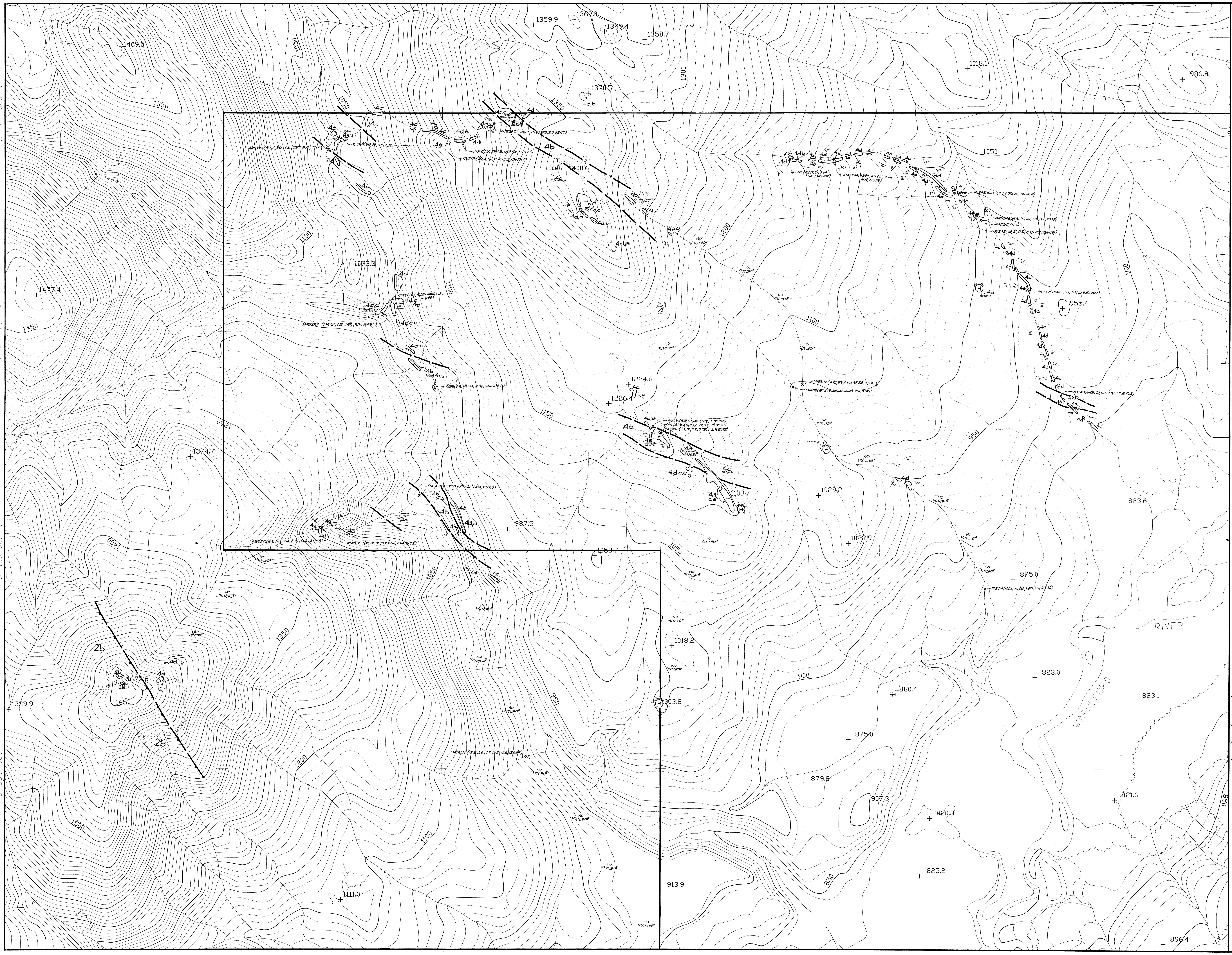
where
Latitude correction = 1.307sin2φmgal/mile
Tidal correction is taken from GSC tide tables
Terrain is visually estimated and corrected using Hammer charts.

Data is reduced nightly and presented as profiles

L E G E N D
MIDDLE to UPPER DEVONIAN
LOWER EARN GROUP
4 GUNSTEEL FORMATION
e — NODULAR to MASSIVE BARITE
d — POKER CHIP SHALE
c — DISTINCTLY LAMINATED SHALE
b — PREGNANT SHALE
a — PORCELLANITE (CHERT)
LOWER to MIDDLE DEVONIAN
ROAD RIVER GROUP
3 LIMESTONE
SILURIAN
ROAD RIVER GROUP
MIDDLE to LATE SILURIAN
2b DOLOMITIC SILTSTONE
EARLY SILURIAN
2a LIMESTONE
ORDOVICIAN
ROAD RIVER GROUP
1 BLACK SHALE and SILTSTONE
K E Y
GEOLOGIC CONTACT
THRUST FAULT—teeth on upper plate
OUTCROP
SUBCROP, ABUNDANT TALUS
BEDDING, OVERTURNED
CLEAVAGE
LINEATION (bedding/cleavage intersection)
FAULT
AXIAL TRACE
MINOR FOLD AXIS
CLAIM OUTLINE
ROCK SAMPLE with...ZINC(ppm), LEAD(ppm), SILVER(ppm), IRON(%), CADMIUM(ppm), BARIUM(ppm)
STREAM SAMPLE with...ZINC(ppm), LEAD(ppm), SILVER(ppm), IRON(%), CADMIUM(ppm), BARIUM(ppm)
IRON-SEEP SAMPLE with...ZINC(ppm), LEAD(ppm), SILVER(ppm), IRON(%), CADMIUM(ppm), BARIUM(ppm)
TOPOGRAPHIC CONTOUR (metres)
STREAM
CUT/BURN AREAS
GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,787
FIGURE 5
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA
MT. ALCOCK PROPERTY
NOD GRID AREA
GEOLOGY and GEOCHEMISTRY
0 100 200 300 400 500
metres
DATE DRAWN: JAN. 28, 1993
COMPILED BY: R.F., S.J.
DRAWN BY: S.A.
SCALE: 1:5,000
JOB No: 1715
NTS No: 92F/11
"1616 PEAK"



LEGEND
MIDDLE to UPPER DEVONIAN
LOWER EARN GROUP
4 GUNSTEEL FORMATION
e– NODULAR to MASSIVE BARITE
d– POKER CHIP SHALE
c– DISTINCTLY LAMINATED SHALE
b– PREGNANT SHALE
a– PORCELLANITE (CHERT)
LOWER to MIDDLE DEVONIAN
ROAD RIVER GROUP
3 LIMESTONE
SILURIAN
ROAD RIVER GROUP
MIDDLE to LATE SILURIAN
2b DOLOMITIC SILTSTONE
EARLY SILURIAN
2a LIMESTONE
ORDOVICIAN
ROAD RIVER GROUP
1 BLACK SHALE and SILTSTONE
KEY
GEOLOGIC CONTACT
THRUST FAULT–teeth on upper plate
OUTCROP
SUBCROP; ABUNDANT TALUS
BEDDING, OVERTURNED
CLEAVAGE
LINEATION (bedding/cleavage intersection)
FAULT
AXIAL TRACE
MINOR FOLD AXIS
CLAIM OUTLINE
ROCK SAMPLE with...ZINC(ppm), LEAD(ppm), SILVER(ppm), IRON(%), CADMIUM(ppm), BARIUM(ppm)
STREAM SAMPLE with...ZINC(ppm), LEAD(ppm), SILVER(ppm), IRON(%), CADMIUM(ppm), BARIUM(ppm)
IRON-SEEP SAMPLE with...ZINC(ppm), LEAD(ppm), SILVER(ppm), IRON(%), CADMIUM(ppm), BARIUM(ppm)
1200 TOPOGRAPHIC CONTOUR (metres)
STREAM
CUT/BURN AREAS
GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,787
FIGURE 10
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA
MT. ALCOCK PROPERTY
SEEP GRID
GEOLOGY &
GEOCHEMISTRY
0 100 200 300 400 500
metres
DATE DRAWN: JAN. 1993
COMPILED BY: R.F., S.J.
DRAWN BY: S.A.
SCALE: 1:5,000
JOB No: 1715
NTS No: 92F/11
UPPER BOWERHENNEY CREEK
BOWERHENNEY CREEK
TOPO LINEAMENT
NO OUTCROP
FAULT?
1514.6
1664.7
1719.9
2049.9
1620.1
1637.6
1663.3
1681.6
1654.3
1464.0
1467.3
1461.6
1482.2
1247.2
1185.3



L E G E N D

MIDDLE to UPPER DEVONIAN
LOWER EARN GROUP

4 — *GUNSTEEL FORMATION*
- e — NODULAR to MASSIVE BARITE
- d — POKER CHIP SHALE
- c — DISTINCTLY LAMINATED SHALE
- b — PREGNANT SHALE
- a — PORCELLANITE (CHERT)

LOWER to MIDDLE DEVONIAN
ROAD RIVER GROUP

3 — LIMESTONE

SILURIAN
ROAD RIVER GROUP
MIDDLE to LATE SILURIAN

2b — DOLOMITIC SILTSTONE

EARLY SILURIAN

2a — LIMESTONE

ORDOVICIAN
ROAD RIVER GROUP

1 — BLACK SHALE and SILTSTONE

K E Y

- GEOLOGIC CONTACT
- THRUST FAULT—teeth on upper plate
- OUTCROP
- SUBCROP, ABUNDANT TALUS
- 20, 80 BEDDING, OVERTURNED
- 20 CLEAVAGE
- 10 LINEATION (bedding/cleavage intersection)
- FAULT
- AXIAL TRACE
- 20 MINOR FOLD AXIS
- CLAIM OUTLINE
- 45284 ROCK SAMPLE with...ZINC(ppm), LEAD(ppm), SILVER(ppm), IRON(%), CADMIUM(ppm), BARIUM(ppm)
- M45282 STREAM SAMPLE with...ZINC(ppm), LEAD(ppm), SILVER(ppm), IRON(%), CADMIUM(ppm), BARIUM(ppm)
- S45281 IRON-SEEP SAMPLE with...ZINC(ppm), LEAD(ppm), SILVER(ppm), IRON(%), CADMIUM(ppm), BARIUM(ppm)
- 1200 TOPOGRAPHIC CONTOUR (metres)
- STREAM
- CUT/BURN AREAS

GEOLOGICAL BRANCH ASSESSMENT REPORT

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FIGURE 11

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

MT. ALCOCK PROPERTY

N.W. of WARNEFORD RIVER

GEOLOGY and GEOCHEMISTRY

0 100 200 300 400 500
metres

DATE DRAWN: JAN. 27, 1993	SCALE: 1:5,000
COMPILED BY: R.F., S.J.	JOB No: 1715
DRAWN BY: S.A.	NTS No: 92F/11

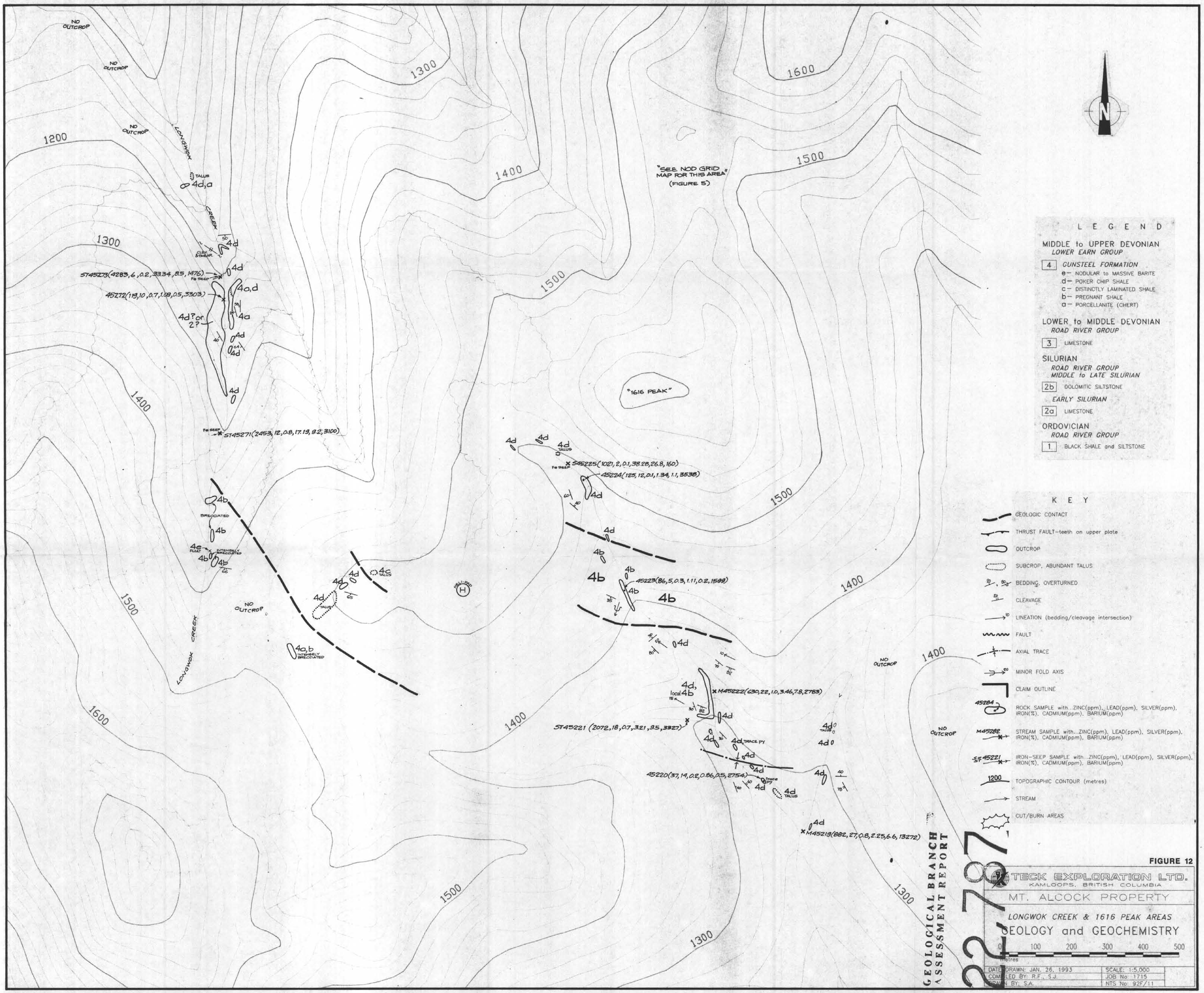
LEGEND
MIDDLE to UPPER DEVONIAN
LOWER EARN GROUP
4 GUNSTEEL FORMATION
e– NODULAR to MASSIVE BARITE
d– POKER CHIP SHALE
c– DISTINCTLY LAMINATED SHALE
b– PREGNANT SHALE
a– PORCELLANITE (CHERT)
LOWER to MIDDLE DEVONIAN
ROAD RIVER GROUP
3 LIMESTONE
SILURIAN
ROAD RIVER GROUP
MIDDLE to LATE SILURIAN
2b DOLOMITIC SILTSTONE
EARLY SILURIAN
2a LIMESTONE
ORDOVICIAN
ROAD RIVER GROUP
1 BLACK SHALE and SILTSTONE
KEY
GEOLOGIC CONTACT
THRUST FAULT–teeth on upper plate
OUTCROP
SUBCROP, ABUNDANT TALUS
BEDDING, OVERTURNED
CLEAVAGE
LINEATION (bedding/cleavage intersection)
FAULT
AXIAL TRACE
MINOR FOLD AXIS
CLAIM OUTLINE
ROCK SAMPLE with...ZINC(ppm), LEAD(ppm), SILVER(ppm), IRON(%), CADMIUM(ppm), BARIUM(ppm)
STREAM SAMPLE with...ZINC(ppm), LEAD(ppm), SILVER(ppm), IRON(%), CADMIUM(ppm), BARIUM(ppm)
IRON–SEEP SAMPLE with...ZINC(ppm), LEAD(ppm), SILVER(ppm), IRON(%), CADMIUM(ppm), BARIUM(ppm)
TOPOGRAPHIC CONTOUR (metres)
STREAM
CUT/BURN AREAS
"SEE NOD GRID MAP FOR THIS AREA" (FIGURE 5)
"1616 PEAK"
LONGWOK CREEK
NO OUTCROP
ST45273(4283,6,0.2,33.34,8.5,1476)
45272(119,10,0.7,1.09,0.5,3303)
ST45271(2453,12,0.8,17.19,8.2,3100)
S45225(1021,2,0.1,38.28,26.8,160)
45224(125,12,0.1,1.34,1.1,3538)
45223(86,5,0.3,1.11,0.2,1599)
M45222(630,22,1.0,3.46,7.8,2783)
ST45221 (2072,18,0.7,3.21,8.5,3327)
45220(37,14,0.2,0.86,0.5,2754)
M45219(882,27,0.8,2.25,6.6,13272)
GEOLOGICAL BRANCH ASSESSMENT REPORT
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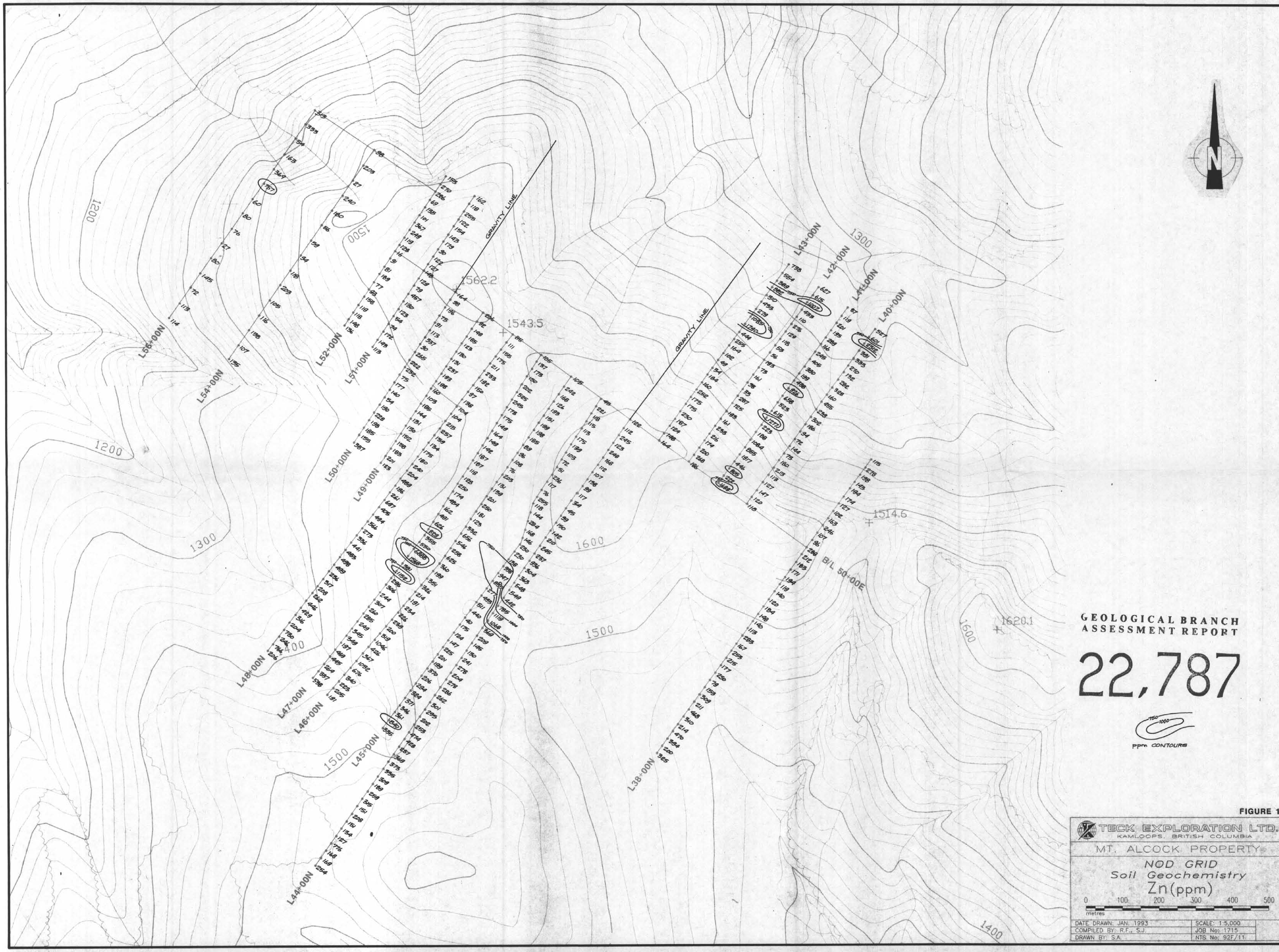
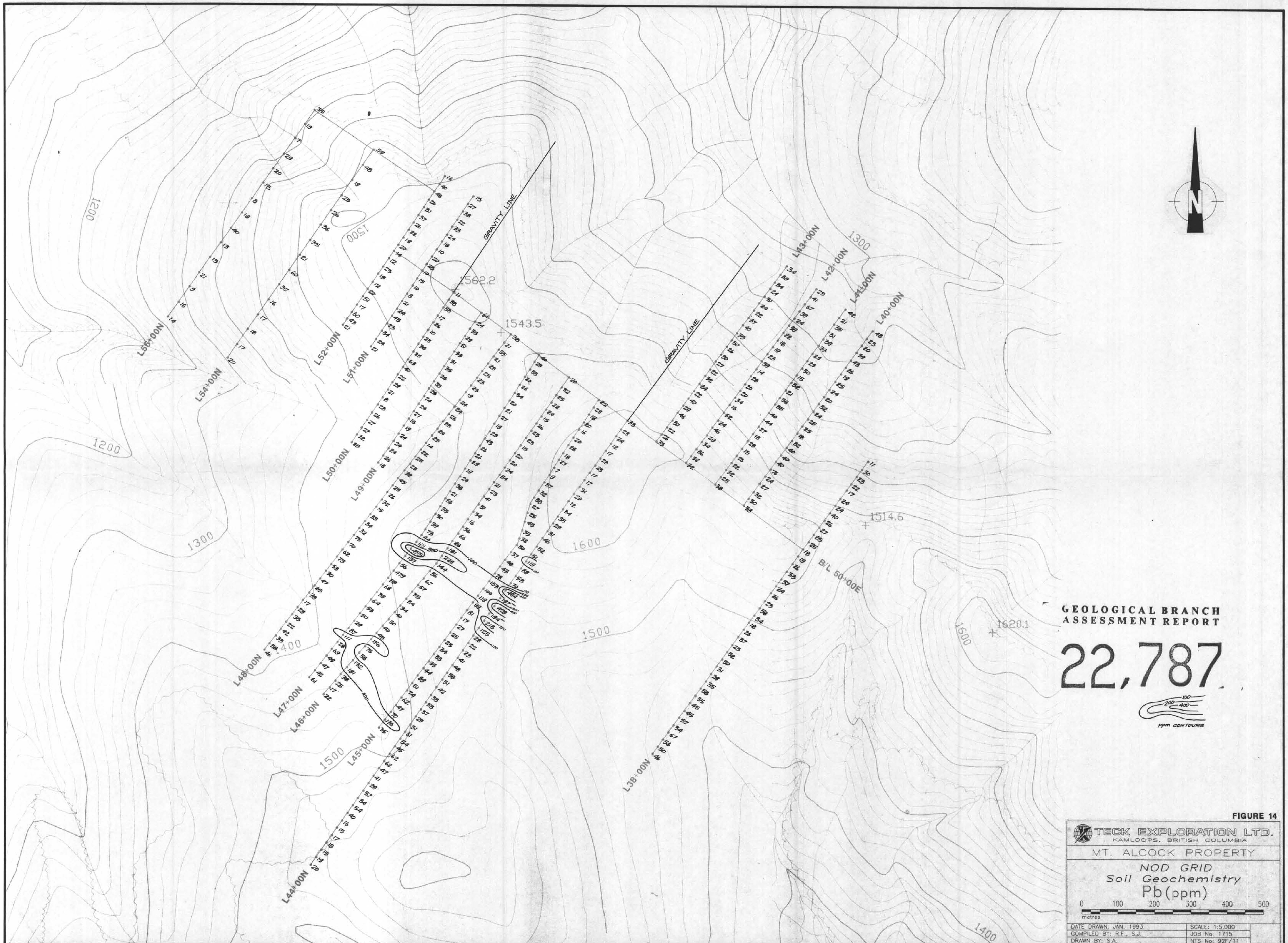
FIGURE 12
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA
MT. ALCOCK PROPERTY
LONGWOK CREEK & 1616 PEAK AREAS
GEOLOGY and GEOCHEMISTRY
0 100 200 300 400 500
metres
DATE DRAWN: JAN. 26, 1993
COMPILED BY: R.F., S.J.
DRAWN BY: S.A.
SCALE: 1:5,000
JOB No: 1715
NTS No: 92F/11


GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,787
ppm CONTOURS
750
1000
FIGURE 13
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA
MT. ALCOCK PROPERTY
NOD GRID
Soil Geochemistry
Zn(ppm)
0 100 200 300 400 500
metres
DATE DRAWN: JAN. 1993
SCALE: 1:5,000
COMPILED BY: R.F., S.J.
JOB No: 1715
DRAWN BY: S.A.
NTS No: 92F/11
N
GRAVITY LINE
B/L 50+00E
L56+00N
L54+00N
L52+00N
L51+00N
L50+00N
L49+00N
L48+00N
L47+00N
L46+00N
L45+00N
L44+00N
L43+00N
L42+00N
L41+00N
L40+00N
L38+00N
1562.2
1543.5
1514.6
1620.1
1200
1300
1400
1500
1600


GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,787
ppm CONTOURS
FIGURE 14
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA
MT. ALCOCK PROPERTY
NOD GRID
Soil Geochemistry
Pb (ppm)
0 100 200 300 400 500
metres
DATE DRAWN: JAN. 1993
COMPILED BY: R.F., S.J.
DRAWN BY: S.A.
SCALE: 1:5,000
JOB No: 1715
NTS No: 92F/11
GRAVITY LINE
B/L 50+00E
L56+00N
L54+00N
L52+00N
L51+00N
L50+00N
L49+00N
L48+00N
L47+00N
L46+00N
L45+00N
L44+00N
L43+00N
L42+00N
L41+00N
L40+00N
L38+00N
1562.2
1543.5
1514.6
1620.1


GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,787
ppm CONTOURS
FIGURE 15
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA
MT. ALCOCK PROPERTY
NOD GRID
Soil Geochemistry
Ba(ppm)
0 100 200 300 400 500
metres
DATE DRAWN: JAN. 1993
COMPILED BY: R.F., S.J.
DRAWN BY: S.A.
SCALE: 1:5,000
JOB No: 1715
NTS No: 92F/11
GRAVITY LINE
B/L 50+00E
L56+00N
L54+00N
L52+00N
L51+00N
L50+00N
L49+00N
L48+00N
L47+00N
L46+00N
L45+00N
L44+00N
L43+00N
L42+00N
L41+00N
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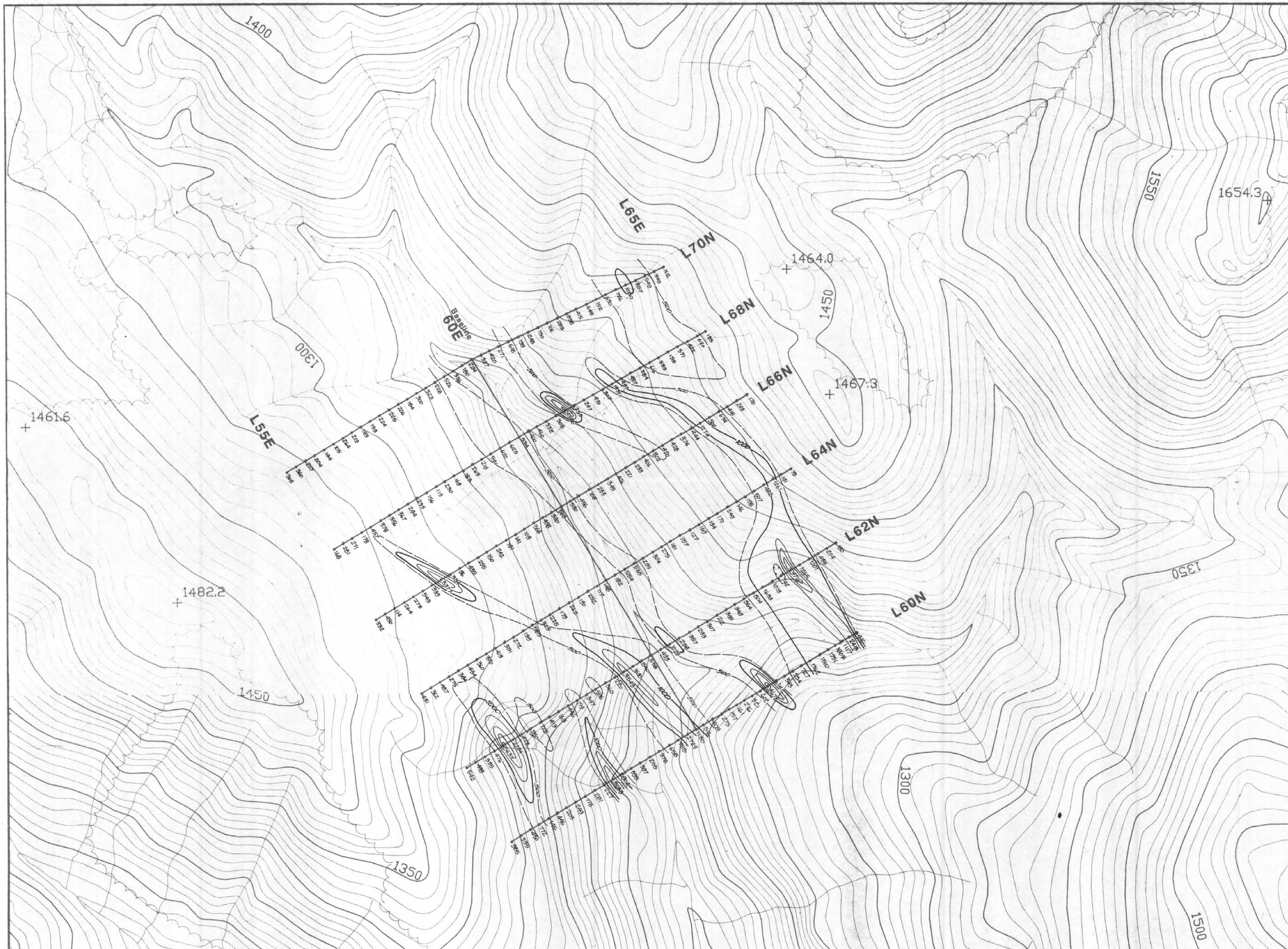
1543.5
1514.6
1620.1
1200
1300
1400
1500
1600



GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,787

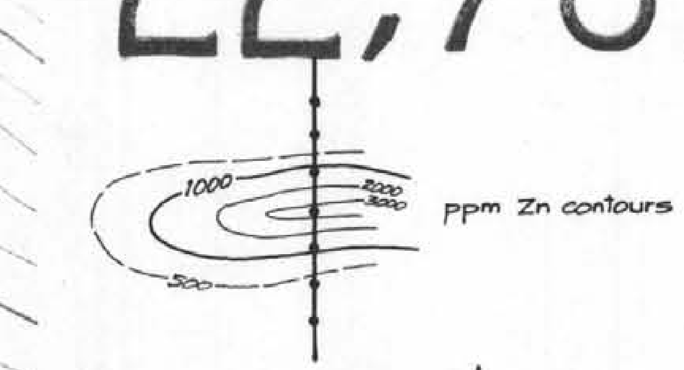


FIGURE 16

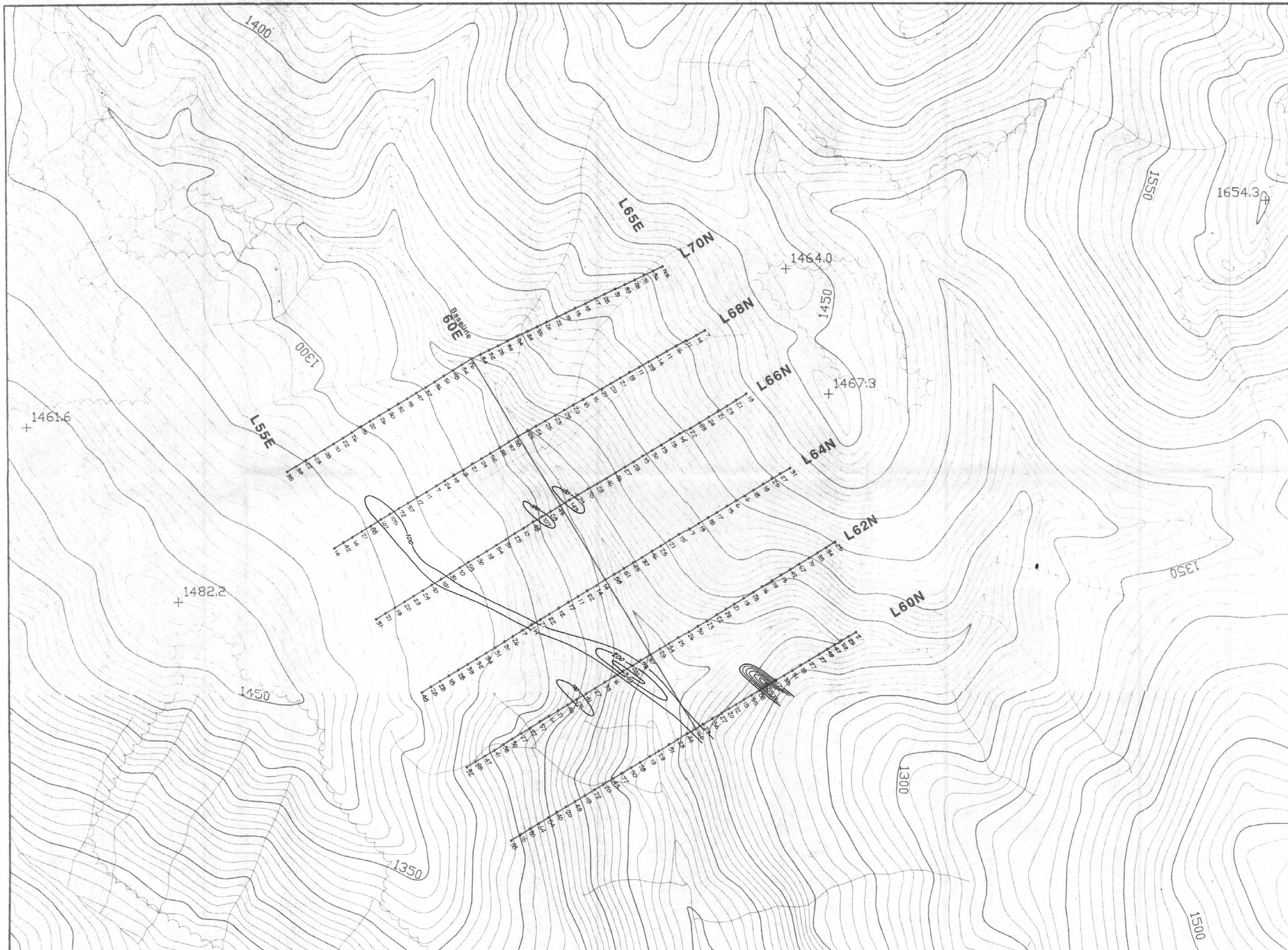
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

MT. ALCOCK PROPERTY

SEEP GRID
Soil Geochemistry
Zn(ppm)

0 100 200 300 400 500
metres

DATE DRAWN: JAN. 1993	SCALE: 1:5,000
COMPILED BY: R.F., S.J.	JOB No: 1715
DRAWN BY: S.A.	NTS No: 92F/11



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ASSESSMENT REPORT

22,787

ppm Pb contours

FIGURE 17

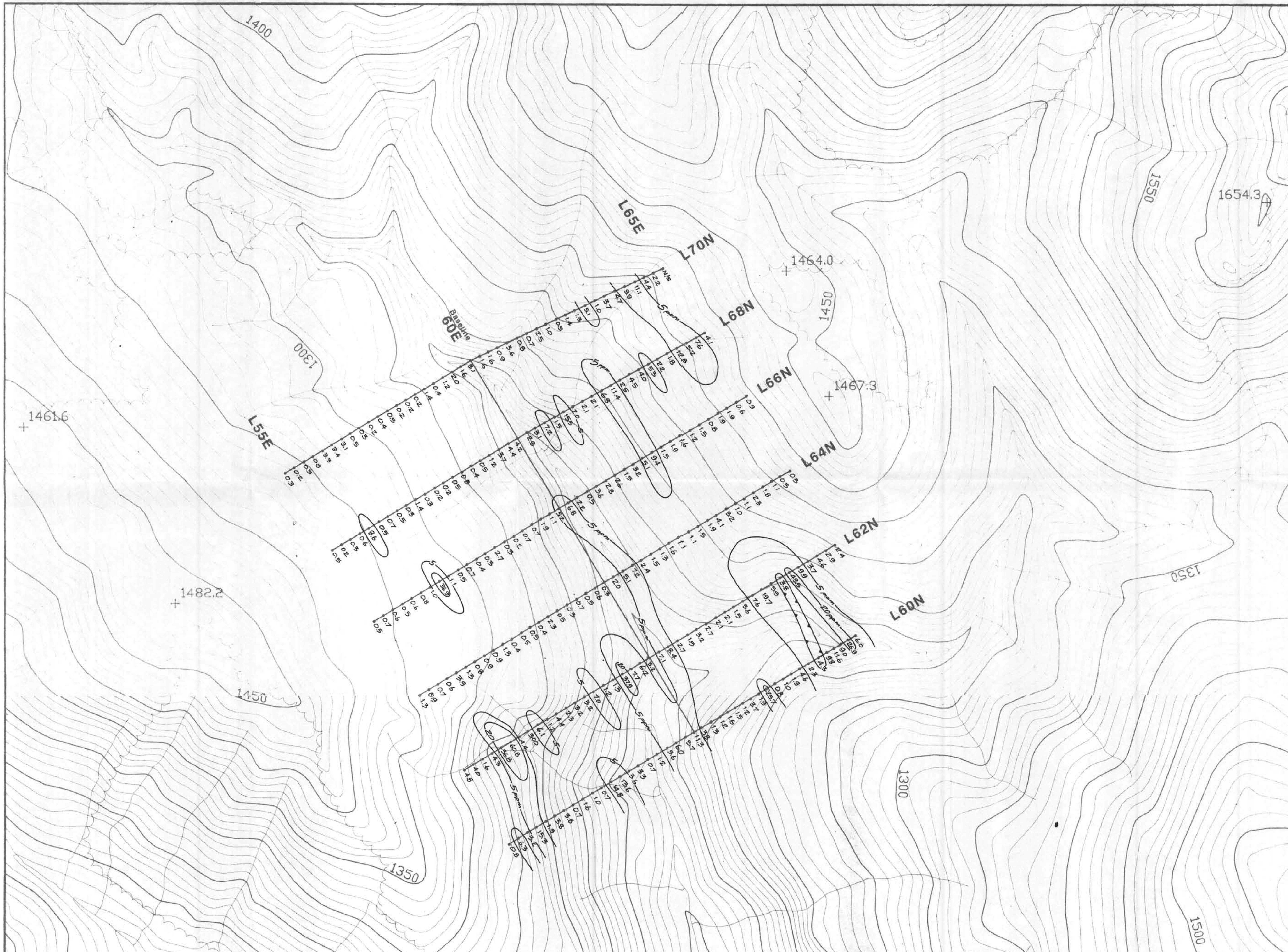
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

MT. ALCOCK PROPERTY

SEEP GRID
Soil Geochemistry
Pb (ppm)

0 100 200 300 400 500
metres

DATE DRAWN: JAN. 1993	SCALE: 1:5,000
COMPILED BY: R.F., S.J.	JOB No: 1715
DRAWN BY: S.A.	NTS No: 92F/11



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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5 ppm 20 ppm ppm Cd contours

FIGURE 18

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

MT. ALCOCK PROPERTY

SEEP GRID
Soil Geochemistry
Cd (ppm)

0 100 200 300 400 500
metres

DATE DRAWN: JAN. 1993	SCALE: 1:5,000
COMPILED BY: R.F., S.J.	JOB No: 1715
DRAWN BY: S.A.	NTS No: 92F/11