GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL AND DIAMOND DRILL

ASSESSMENT REPORT

ON THE

JOKER PROPERTY

Kamloops Mining Division
NTS 92 I/9W
Lattitude ~~53~~ 50°34'N Longitude 120°18'W

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

S. Jensen
January 1995
Kamloops, B.C.

SUMMARY

The Joker property consists of the Joker, Ace, Ace 2 and Hull 1-3 mineral claims totalling 89 units. The property is located roughly 12 kilometres south of Kamloops, B.C.

The 1994 program consisted of 1:2,500 scale mapping, concurrent rock sampling, grid soil sampling and ground magnetics and VLF followed by diamond drilling of six holes. 1994 work concentrated in the eastern portion of the property on the Joker and Ace claims. Mapping, soil sampling and ground geophysics were carried out on the Joker grid. Diamond drilling was carried out in two areas, north and south of the grid. The purpose of the program was to test for an economic porphyry copper-gold deposit. The program was carried out between June 8 and July 31.

1994 mapping and prospecting failed to identify exposures of economic copper-gold mineralization. Mapping on the Joker grid revealed the ground to be underlain by hybrid hetereolithic breccias and Cherry Creek diorite and monzonites of the Iron Mask batholith, both overlain to the west by Kamloops Group basalts. In addition to being non-mineralized, the rocks displayed only very weak, local porphyry-style alteration.

The soil survey did not reveal significantly anomalous copper or gold metal zones. Several weakly anomalous (only a few samples greater than 200ppm), narrow, northerly trending zones were outlined.

The ground magnetometer survey outlined a magnetic high over ground underlain by hybrid breccia rocks. The survey also outlined a large, northerly-trending mag low through the central portion of the grid.

The two station VLF survey (Seattle and Annapolis) outlined numerous northerly, northwesterly and northeasterly trending conductive zones. The linear zones were narrow and somewhat discontinuous and erratic.

Drilling in the Phil Cu showing area failed to intersect the mineralized fault contact between the hybrid breccia and Sugarloaf diorite downdip. Only low grade copper mineralization in westerly dipping faults was penetrated. Drilling of the second area, south of the Greymask shaft, outlined narrow zones of 1-3% chalcopyrite and anomalous gold associated with specular hematite bands and strong epidote, potassic and carbonate alteration. Wide intervals of copper and gold mineralization was not encountered during drilling.

RECOMMENDATIONS

1) In the two areas drilled to date, drilling has precluded the chance of a significant porphyry deposit.
2) Other areas on the Joker property may warrant further work.

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1. INTRODUCTION

During 1994, a program consisting of 1:2,500 scale mapping, concurrent rock sampling, grid soil sampling and ground magnetics and VLF followed by diamond drilling was carried out on the Joker property. 1994 work concentrated in the eastern portion of the property on the Joker and Ace claims. The program was designed to evaluate the potential for an economic porphyry copper-gold deposit.

Grid installation followed by soil sampling and detailed mapping was carried out in the area between the Joker and Phil Cu showings, an area that had previously seen little work relative to the Joker and Phil Cu showing areas. A ground magnetometer and VLF survey was completed over the grid in order to better define lithologic contacts and fault zones in areas of overburden cover.

Follow-up of six (691 metre total) diamond drill holes was completed in two areas south and north of the grid; one proximal to the Phil Cu showing and the other north of the Joker adit.

This report describes the program and results.

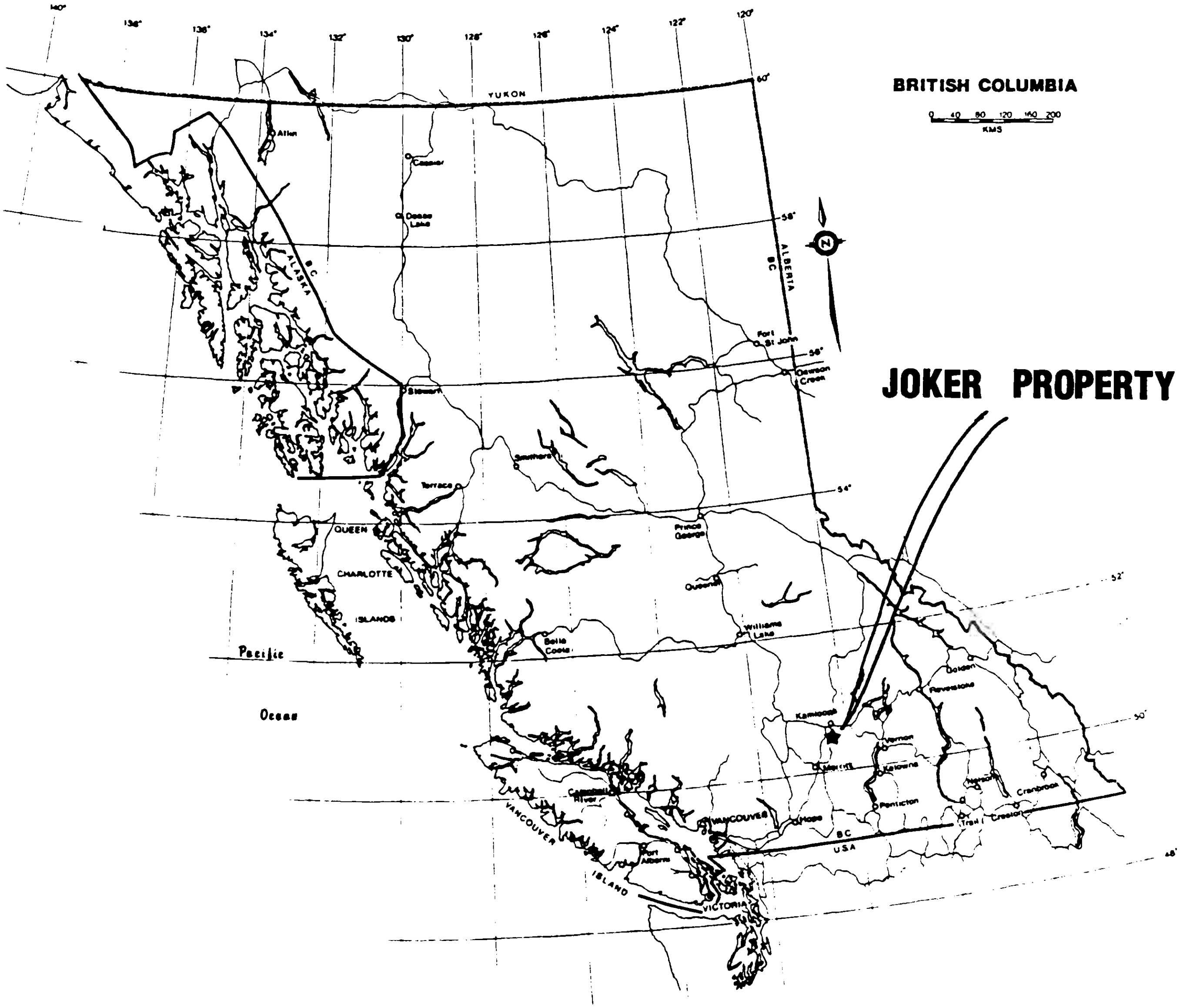
2. LOCATION AND ACCESS (Figures 1, 2)

The Joker, Ace and Hull mineral claims are located approximately 12 kilometres south of Kamloops in southern British Columbia. Highway 5a transects the eastern portion of the property. The property is located on NTS map sheet 92I/9W, with an approximate property centre latitude and longitude of 53° 34'N and 120° 18'W, respectively.

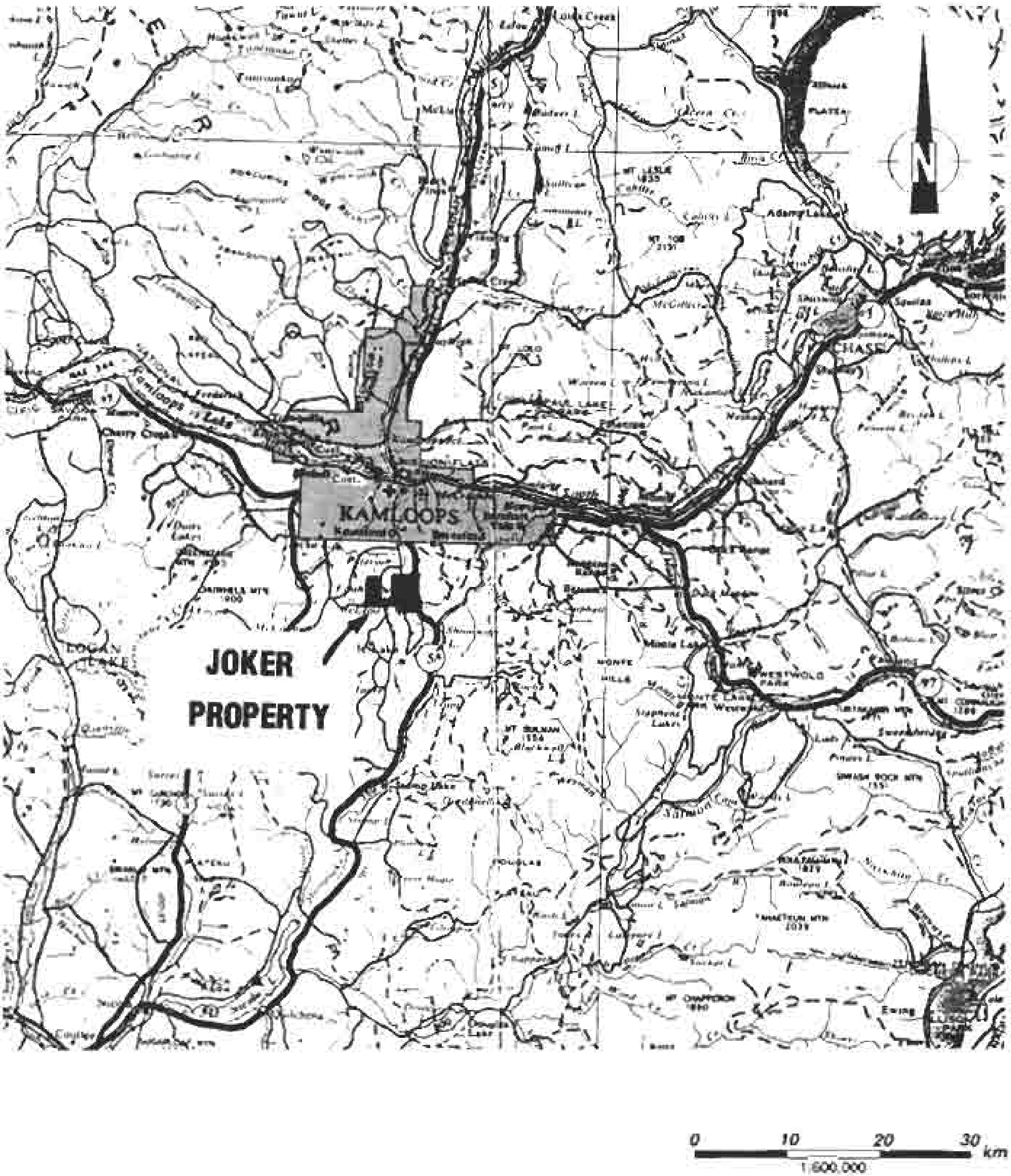
The property, easily road accessible, is located approximately 15 kilometres south of Kamloops and five kilometres south of Knutsford along Highway 5a. Long Lake road, which branches south from Highway 5a at Knustford, provides access to the western portion of the claims while Jackson Road (8 kilometres south of Knutsford along Highway 5a) provides access to the southern portion of the property area. Local ranch roads provide further access to much of the claims.

3. TOPOGRAPHY AND VEGETATION

Topography on the property is generally moderate, ranging from well glaciated, gently rolling hills and drumlins to local rocky bluffs. Elevations range from just over 3800 feet (1158 metres) on Edith Hill in the eastern claim area to 2860 feet (872 metres) on Separation Lake in the northeastern portion of the property.



TECK EXPLORATIONS LTD	
LOCATION MAP	
JOKER PROPERTY	
SCALE :1 :10,000,000	FIGURE : 1



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JOKER PROPERTY

LOCATION MAP

SCALE: 1 : 600 000 | FIGURE No.: 2

Vegetation is open to locally moderate and consists predominantly of mature pine and fir, generally located along creek valleys or ridge tops. Underbrush is generally thin to moderate and consists mostly of grass with local thick underbrush found along drainages. A large portion of the entire property area is open rangeland and used as pasture for cattle.

4. CLAIMS (Figure 3)

The property, located in the Kamloops Mining Division, consists of the Joker, Ace, Ace 2 and Hull 1-3 mineral claims totalling 89 contiguous units (≈ 2,225 hectares) and are grouped as the Joker Group. The claims are 100% owned by and registered in the name of Teck Corporation. The following table lists all pertinent claim data.

TABLE 1

CLAIM RECORDS

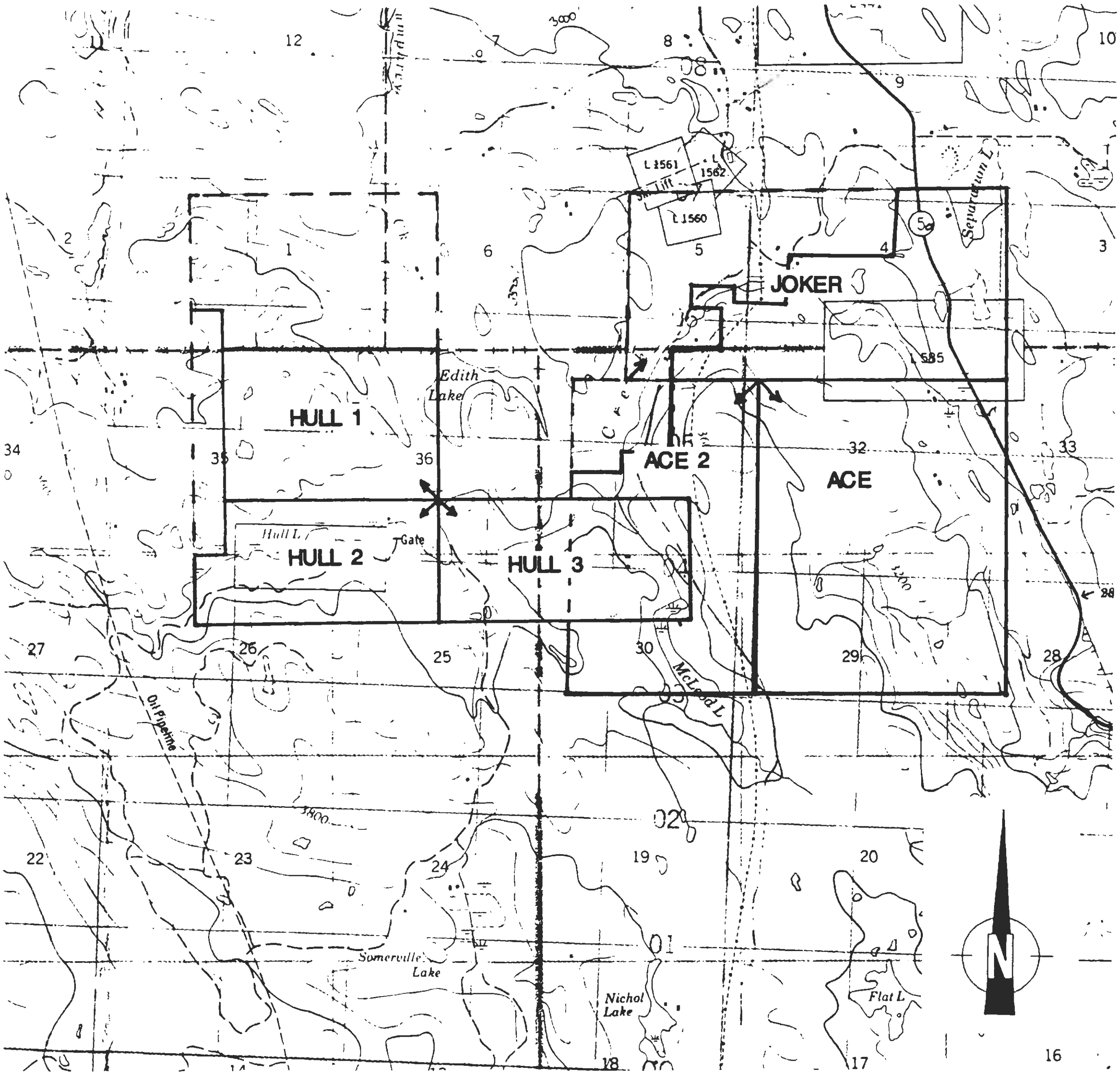
Claim Name	Record No.	Units	Record Date	Expiry Date *
Joker	307650	18	Feb. 10, 1995	Feb. 10, 2001
Ace	324337	20	Mar. 18, 1995	Mar. 18, 2001
Ace 2	327091	15	June 22, 1995	June 22, 2001
Hull 1	325561	20	May 5, 1995	May 5, 2000
Hull 2	325562	8	May 5, 1995	May 5, 2000
Hull 3	325801	8	May 11, 1995	May 11, 2000
		Total 89 units		

Note * = Expiry Date based on acceptance of this report.

5. PREVIOUS WORK and HISTORY

The general Iron Mask area, south of Kamloops, has seen intermittent exploration since the late 1800's. Early efforts concentrated for the search of gold in quartz veins. Later efforts, prior to 1930, were directed towards high grade structurally-controlled copper as evidenced by the numerous pits and trenches found throughout the area. Since the discovery of Afton in the early 1970's, exploration has focussed on porphyry copper-gold targets throughout the belt.

Sporadic exploration by numerous companies has been carried out on and surrounding what is



0 1 2 km
1 : 50,000

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CLAIM LOCATION

NTS No: 92I/9W	SCALE: 1 : 50,000	FIG No: 3

presently known as the Joker and Ace claims since the 1950's.

In 1955, Commercial Minerals Ltd. carried out bulldozer stripping and diamond drilling in the vicinity of the Joker adit located in the northcentral portion of the Joker claim along Anderson Creek. Approximately 5500 feet (1680m) in at least nine holes was drilled with significant sections of copper mineralization (+1% Cu) encountered with reports of 65,000 tons of 0.66% Cu outlined in the vicinity of the adit. The drill pattern and resulting distribution of the +1% Cu zone depicts a east-west trend to the mineralization. The size, extent and age of the adit is unknown. Commercial Minerals then halted exploration in the area for unknown reasons.

Approximately 650 metres northwest of the Joker adit, diamond drilling and shaft construction was carried out in the Greymask shaft area located adjacent to Highway 5a and close to Separation Lake. Reported results of two drill holes proximal to the shaft are 67 metres of 0.15% Cu, 0.015 opt Au and 0.3 opt Ag and 55 metres of 0.16% Cu. The extent of the shaft is unknown and is now filled in. Several other drill holes are located in the general northeastern Joker claim area but results are unknown.

In 1965, Mineral Mountain Mines conducted 11.2 line miles of fluxgate magnetometer survey and 8.2 line miles of electromagnetic (VLF) survey on what was then the Bee group of mineral claims in the Greymask area, just west of Separation Lake (northeast corner of Joker claim). The survey (Ass. Rpt # 772) outlined several zones of northwest trending mag highs and lows with local strong EM conductors associated with the mag lows. The EM survey experienced difficulty due to power lines. The mag highs are likely due to proximal outcropping magnetic gabbros and picrites.

In 1966, Pinnacle Mines Ltd. (Fidelity Mining Investments) carried out approximately 10.5 line miles (seven lines) of IP and resisitvity survey on the Pinnacle Claim Group (A, C, CLE and PIN claims) in the general area of the Joker adit and Greymask shaft (Ass. Rpt # 965). The dipole-diploe survey (x=200 feet, n= 1-3) outlined several weak and uncertain chargeability anomalies (including the Joker adit and Greymask areas) and experienced interference from highway power lines. The strongest IP response was due to the presence of a buried pipe located in the center of the survey area.

During late 1968, Pinnacle Mines Ltd. (Ass. Rpt. # 1746) conducted a large soil scale geochemical survey over the entire Pinnacle claim group. The auger survey, covering the entire Joker and Ace claim areas, outlined numerous northwest trending anomalous Cu zones, including the Joker adit and Phil Cu areas. Only copper was analysed. There are reports that Pinnacle followed up with 975 metres diamond drilling in late 1968 or early 1969, however results remain unknown and drill hole locations are uncertain.

However, 3 drill collars were later found by Comico just south of the Phil Cu showing and might be Pinnacles.

In 1972, Flagstone Mines Ltd. (Ass. Rpt. # 4160) carried out a program consisting of geological mapping, soil sampling and geophysics (magnetometer) in two main areas of the JD and PIN claims covering the western portion of the Joker claim and southern portion of the Ace claim. The 10 line mile fluxgate magnetometer survey of the western Joker area outlined several north and northwest trending mag highs (associated with gabbro outcrops) and lows while the geochemical survey outlined numerous north and northwest trending Cu anomalies. Geological mapping revealed weakly mineralized (chalcopyrite, malachite, pyrite) and brecciated Iron Mask intrusives and overlying Kamloops group volcanics. The Cu soil anomalies are underlain by the intrusives.

The second area, the southern portion of the Ace claim, was grid soil sampled and mapped (roughly 3.5 line km). A strong 400m x 100m Cu soil anomaly (up to 840 ppm Cu) was outlined and coincided with one of the Cu anomalies previously outlined by Pinnacle Mines. Mapping of the area revealed strong faulting and alteration within locally mineralized and brecciated Iron Mask dioritic intrusives. A grab of a float sample within the strong Cu soil anomaly returned 4.27% Cu, 0.44 opt Au and .04 opt Ag. Kamloops basalts were found to the west while picrites (Nicola) volcanics were found to the east. Flagstone recommnded further work including property wide mapping, soils and mag and localized IP.

In 1976, Cominco Ltd. (Ass. Rpt. # 6224) carried out an integrated program of geological mapping and localized magnetometer and IP surveys over the And claims. Mapping was carried out over the entire property, ranging from just south of the Joker adit south to the Flat and Shumway Lake areas (south of the Ace claim). Mapping indicated the property occupies the southeastern end of the Iron Mask batholith with coeval Nicola volcanics and sediments to the east and overlying Kamloops volcanics to the west. A major northwest trending fault is believed to extend along the southwestern side of the batholith. Mapping revealed the Iron Mask intrusives to be highly fractured and locally brecciated. A 2km x 400m to 200m wide zone of propylitic ± local k-feldspathic alteration coincides with the strongest fracturing.

At the southern end of this zone, the Phil Cu showing is located in an area of 100 x 125 metres of minerlaized outcrops and old trenches. Mineralization consists of erratic pyrite, chalcopyrite and bornite occurring mainly in narrow zones of strong faulting and brecciation with epidote, chlorite and local k-feldspar alteration. The westernmost trenches are intensely sheared and contain the best zone of copper mineralization (6 x 0.75m) hosted by the Hybrid phase of the Iron Mask intrusive in the footwall of one of the northerly trending faults. The Sugarloaf phase is believed to underly the rest of the Phil area.

Cherry Creek phase diorites and monzonites were found in the northern property area (Joker adit area) with local areas of Hybrid intrusives. A large portion of the central property area is drift covered.

The I.P. (pole-diploe, time domain, 7.5 KW transmitter, a = 92m, n = 1-4) and proton magnetometer survey was carried out on 19.5 line kilometres of grid roughly centered over the Phil Cu showing. The magnetometer survey revealed a northerly trending 1.5k long by 600-400 metre wide low occupying the central part of the grid in ground underlain by Sugarloaf and Cherry Creek intrusives. On the western side of the mag low a northwesterly trending mag high occurs and is thought to be due to gabbros. The Phil Cu showing is located on the western edge of the mag low, just south of the mag highs. The mag survey was used to define lithologic boundaries due to the differing magnetic domains of the various rock types. The I.P. survey revealed very little chargeability change (generally less than 5 milliseconds). One very slight chargeability response (7 ms) occurs at n = 4 on the northernmost line, 28+00N. Resistivity response was better and used to define possible lithologic contacts and faults. Cominco's conclusion was that the potential for a porphyry copper deposit was on the basis of the geophysics to date.

During 1977, Cominco Ltd. (Ass. Rpt. # 6717) carried out limited mapping and rock sampling (23 rock) of their newly staked Lark claims located immediately north of their And claims covering the Joker adit and Greymask shaft areas. Mapping, concentrated south of Anderson Creek, indicated the ground to be underlain by Cherry Creek diorites and monzonites with most outcrops found to be weakly to unaltered and nonmineralized (< 85ppm Cu). Sampling of the Joker adit returned 22,550 ppm Cu over 3m including 44,600 ppm Cu over 1.5m. Significant mineralization did not continue south as additional sampling returned only slightly to moderately elevated copper results (up to 1250 ppm Cu). A four metre deep shaft was located ≈ 1km west-southwest of the Joker adit and returned 2300 ppm Cu over 3 metres from a chlorite and k-feldspar altered monzonite/diorite with minor pyrite, chalcopyrite and chalcocite. Barren outcrops were found just 15 metres to the north and 30 metres to the south. The Greymask shaft, located 600 metres north-northeast of the Joker adit, was not located.

During 1978, Cominco Ltd. (Ass. Rpt. # 6739) conducted a 6.5 line kilometre I.P. and proton magnetometer survey on the Lark and northern And claims on basically the same ground that was mapped and rock sampled a year earlier (ie. Joker adit - Anderson Creek area) and roughly the same area as the I.P. survey by Pinnacle Mines in 1966 (Ass. Rpt. # 965). The magnetometer survey outlined a one kilometre long by 300 metre wide northwest trending magnetic low trough 800 metres west of the Joker Adit. A limited (limited by survey size) mag high occurs on the west edge of the mag low. A limited two line survey paralleling highway 5a and Separation Lake returned a 300 metre wide zone of strong mag response. The time-domain pole-dipole I.P. survey (a = 90m, n = 1-4, 7.5 KW transmitter) returned similar inconclusive results as the earlier Pinnacle Mines survey. The strongest I.P. chargeability response (69mv) on line 0 is attributed to a buried pipe. Line 150 S has an anomaly of up to 22mv in the same area as line 0 and may likely be a continuation of the buried pipe. A 24mv anomaly at n = 4 remains unexplained along the northern most line.

Later in 1978, Cominco Ltd. (Ass. Rpt. # 6752) drilled two percussion holes, PH 78-2 and PH 78-3, totalling 146 metres on the west side of Shumway Lake, roughly 2 kilometres southeast of the Ace claim. The holes tested the undrilled western portion of the large I.P. anomaly (> 15ms) outlined by Joy Mining in 1972 (Ass. Rpt. # 4306). Previous drilling (21 percussion totalling 1888 metres and two diamond holes totalling 786 metres) by Joy on the I.P. anomaly returned low Cu values. Cominco's two holes drilled through pyritic (≤ 3% py) Nicola argillites and returned no significant Cu values. The pyrite was believed to be the cause of the I.P. anomaly.

Also during 1978, Cominco Ltd. (Ass. Rpt. # 6674) drilled one 106 metre percussion hole (PH 78-1) on the southeastern side of McLeod Lake (extreme southwest corner of the Ace claim) on the And 3 claim. The purpose of the hole was to determine the thickness of the overlying Kamloops Group volcanics which was found to be 55 metres. The bottom part of the hole is believed to be Nicola pyroclastics.

In 1983, Cominco Ltd. (Ass. Rpt. # 11336) drilled six vertical 300 foot (91.5m) percussion holes proximal to the Phil Cu showing area for a total of 1800 feet (549m). The holes, PH 83-1 to PH 83-6, were designed to test for extensions of the Phil Cu occurrence. The six holes were drilled in a northwest trending fence reaching 400 metres northwest and 300 metres southeast of the showing. Hole PH 83-4 was drilled 100 metres east of the showing. Only minor sulphide mineralization (mainly pyrite) was encountered during the program with no significant chalcopyrite intersected with the exception of the occasional short interval. One 10 foot section of hole 83-6 returned 1709 ppm Cu, all other copper values were less than 1000 ppm. Gold and silver assays, taken on 50 foot composites, also failed to return any significant results (most < 10ppb) with hole 83-5 returning slightly elevated gold (up to 156 ppb Au). Hole 83-5 was drilled within 50 metres of the location of two old drill holes, possibly from Pinnacle Mines in the late 1960's.

According to the drill logs, the holes were drilled mainly through Sugarloaf intrusives with some of the holes intersecting Cherry Creek intrusives (PH 83-1,2) and Nicola volcanics (PH 83-4) at depth. Alteration, the main form being feldspars to clay with local albite, epidote and potassium feldspar, was found to be weak overall. Albitization, strong to very strong at the Phil Showing, was found to be generally weak or absent away from the immediate area of the showing.

In 1989, J.E. Christoffersen (Sundial Resources Ltd.) carried out limited mapping and soil and rock sampling on the Cob 1 claim, located between Separation and Shumway lakes in the present east central Ace claim area (Ass. Rpt. #19261). Forty four soils and six rock samples were collected with no significant copper or gold results returned. Mapping indicated that the claim is underlain by dioritic Iron Mask rocks in the western portion of the claim while the eastern portion of the claim is covered by extensive glacial overburden.

Also in 1989, J.John (prospector) carried out a limited program of propsecting, rock sampling, grid installation and soil sampling on his J&J #5 and J&J #9 claims located around the northern end of McLeod Lake (Ass. Rpt. # 19132). In total, 211 soils and 37 rock samples were collected with 35 soils and all the rocks analysed for gold. No elevated results were returned (all samples < 3 ppb Au) and no surface mineralization was encountered. Most of his work was on ground underlain by Tertiary Kamloops Group volcanics.

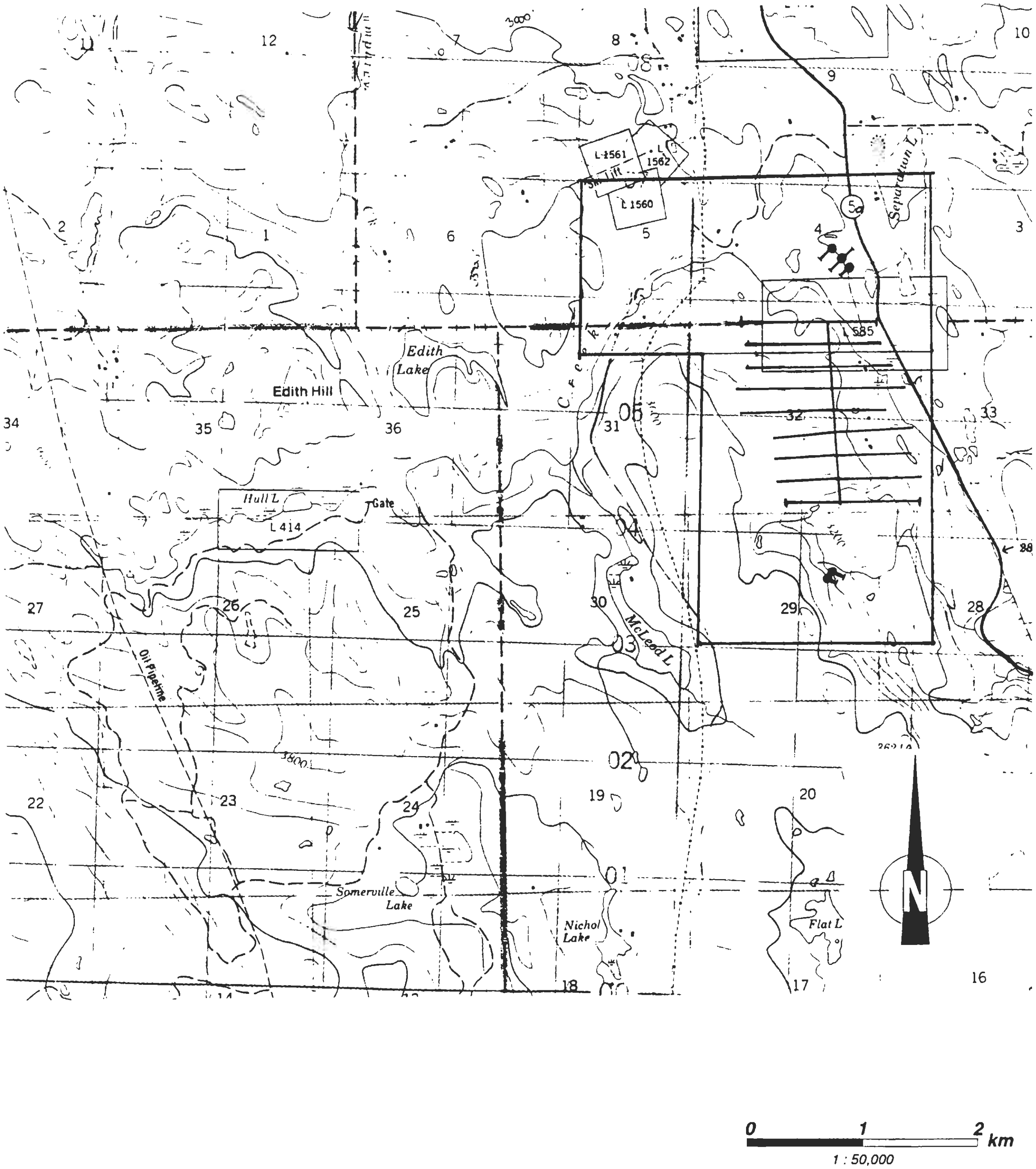
In 1991, Naxos Resources Ltd. (Ass. Rpt. # 21604) carried out geolgic mapping, grid installation (88.8 line kilometres), soil sampling and limited magnetometer surveying on the Shumway Lake property (J&J, Ban, Road, DD1, HJ and Phoenix claims) centered west of Shumway Lake. Soil sampling of the southern J&J # 5 and J&J 12Fr and 13Fr (southern Ace claim area) revealed similar Cu soil anomalies as defined by previous workers, including the anomaly centered around the Phil Cu showing. Mapping results were similar to those of Cominco's (Ass. Rpt. # 6224) but less detailed.

6. 1994 PROGRAM

In 1994, 101 mandays were spent on the Joker property between June 8 and July 31. The program consisted of 1:2,500 geological mapping, rock chip sampling, soil sampling and magnetic and VLF surveys followed by diamond drilling. Work was concentrated on the Joker and Ace claims.

A total of 8 rock chip samples were collected as part of the mapping program. The Joker soil grid totalled 20.85 line km's with 389 soils being collected. In addition, a ground magnetometer and VLF survey was undertaken over the same grid. Follow up consisted diamond drilling of six NQ-sized holes totalling 691 metres with concurrent core sampling was completed. Grid and diamond drill hole locations are shown on Figure 4.

Mapping was done by topofil, compass and altimeter. Outcrop exposure on the property is variable as large portions of the property are covered by southeast trending drumlin fields.



LEGEND

1994 DRILL HOLES

1994 GRID

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JOKER PROPERTY

GRID and DRILL HOLE LOCATION MAP

NTS: 92I/9W | SCALE: 1 : 50,000 | FIGURE No: 4

7. GEOLOGY

A. Regional Geology (Figure 5)

The Joker property is located in the southern part of the Quesnel Trough; a subdivision of the Intermontane structural belt of British Columbia. The Quesnel Trough consists of predominantly Lower Mesozoic volcanic and related intrusive rocks underlain by Paleozoic sedimentary rocks. The Quesnel Trough is host to numerous copper-gold enriched batholiths and stocks (eg. Afton, Mt. Polley. Mt. Milligan).

The Iron Mask Batholith consists of a Jurassic-aged multiphase alkalic intrusive complex localized along the south side of a regional northwest-trending fault. The batholith is a northwest-trending elongated composite pluton that is subvolcanic, comagmatic and coeval with surrounding Upper Triassic Nicola Group volcanics and sediments. Both the Nicola and Iron Mask lithologies are unconformably overlain by Tertiary volcanic and sedimentary rocks of the Kamloops Group.

Numerous porphyry copper deposits and occurrences are located throughout the pluton including the Afton, Pothook, Crescent and Ajax mines. Several major northwest trending faults influence contact relationships and localization of mineral deposits. The Joker property is situated on the eastern margin of the Iron Mask batholith.

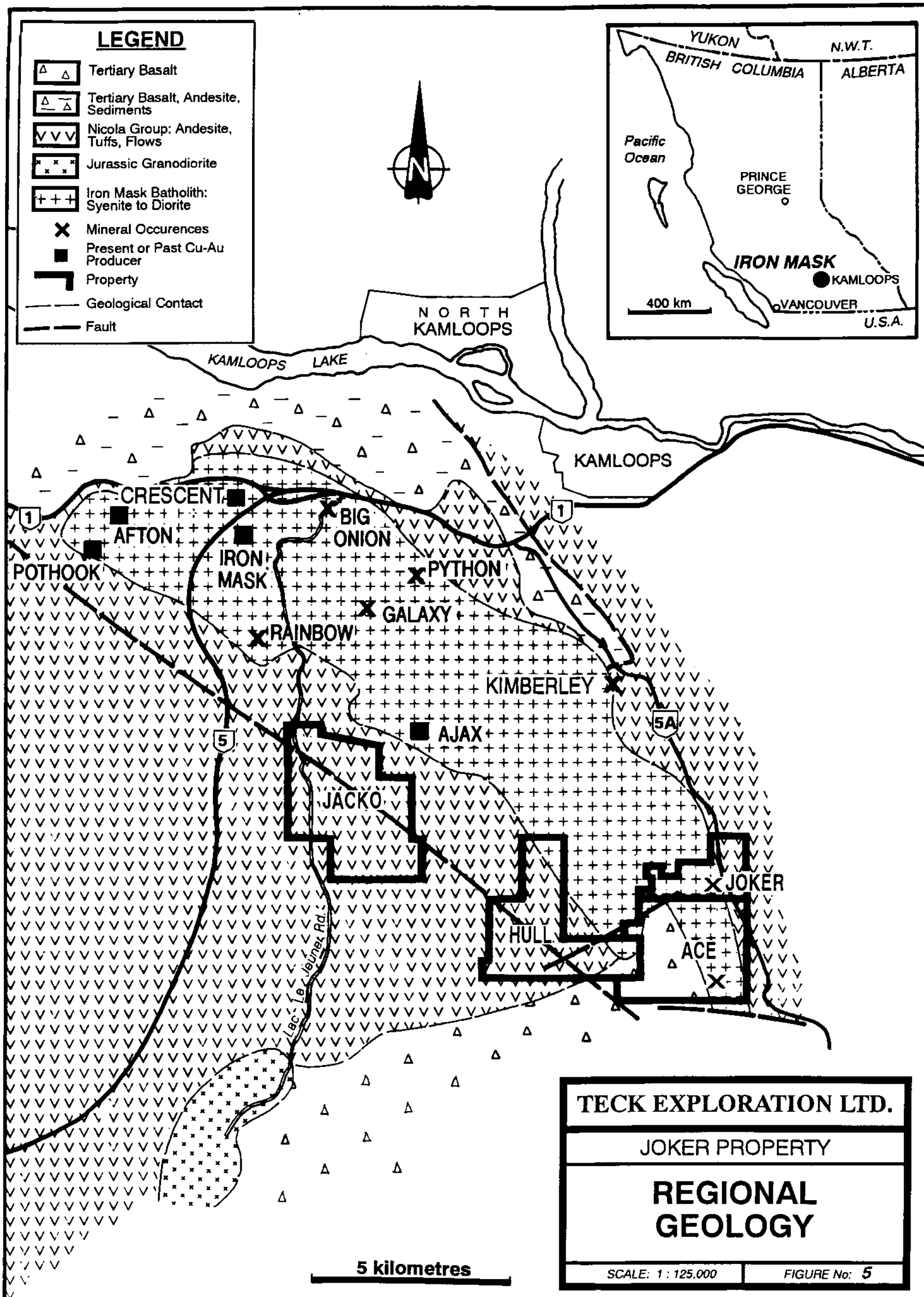
B. Property Geology (Figure 6)

Geological mapping on the property was confined to the Joker Grid area. The Joker Grid area can be divided into 4 mappable units (see Figure 6 - Geology). Intrusive rocks of the Iron Mask Batholith cover the largest portion of the grid and are found within the the central part of the grid. Kamloops Group volcanics occupy the western portion of the grid area. Very little outcrop is found in the eastern portion of the grid with thick accumulations of southeast-trending glacial gravels dominating.

Units 1 to 4 (Figure 5) are described individually.

Unit 1 : HYBRID PHASE : Diorite Breccia

This unit, the oldest intrusive phase of the batholith, consists primarily of a medium to dark grey colored diorite breccia. The fragments are subangular to subrounded, millimetre to 15cm in size and are composed primarily of dark grey to black gabbro and diorite with lesser andesite volcanics. The unit ranges



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JOKER PROPERTY

REGIONAL GEOLOGY

SCALE: 1 : 125,000 | FIGURE No: 5

from clast dominated (up to 70% by volume) to matrix dominated with little or no fragments. The matrix consists of medium to coarse grained magnetite-rich diorite. An inherent feature of the unit is the high magnetite content, commonly greater than 25% and up to 70% of the rock. Strong jointing is prevalent throughout the hybrid phase breccia. Alteration within this unit is weak overall with variable concentrations of fracture-controlled epidote and carbonate. Albite alteration is variable and ranges from locally moderate pervasive to absent. Moderate chlorite alteration is present throughout the unit. Mineralization is weak and erratic and consists of local pyrite, chalcopyrite and malachite.

Unit 2 : CHERRY CREEK PHASE : Diorite

Unit 2 is a light colored, fine to locally medium grained diorite of the Cherry Creek phase of the batholith. The unit is locally biotite pheric, containing patches of biotite up to 5mm in diameter. Magnetite content is less than 25% overall, commonly 10-15% and fine grained. Alteration is weak and consists of local fracture-controlled epidote, chlorite and carbonate. Pyrite and chalcopyrite mineralization is weak and erratic.

Unit 3 : CHERRY CREEK PHASE : Monzo-diorite to Monzonite

Rocks of unit 3 are light to medium grey colored fine to locally medium grained monzo-diorite to monzonites of the Cherry Creek phase. Potassium feldspar content is variable within the unit as the composition ranges from monzonite to monzo-diorite. Alteration is similar to the diorites (weak epidote, carbonate, chlorite) with the exception of variable amonts of secondary potassium. The amount of secondary potassic alteration is believed to be small in the unit and is concentrated in the Joker adit area on the northern part of the grid. Mineralization consists of local, weak pyrite, chalcopyrite and malachite.

Unit 4 : Kamloops Group Volcanics

This early Tertiary-aged unit consists primarily of volcanic flows of basaltic composition. The flat-lying basalts are fine grained, non-magnetic, often vesicular, chocolate to dark brown and black in color. This unit is found along the western edge of the Joker Grid.

I. Joker Grid Area (Figure 6)

The Joker Grid area, located in the northern portion of the Ace claim and southern part of the Joker claim, is underlain predominantly by intrusive rocks of the Iron Mask Batholith. The central and southern portions of the grid contain abundant exposures of both hybrid breccia and diorite intrusives. The rocks are strongly jointed with northeasterly, northwesterly and easterly strikes with moderate to steep dips. The hybrid breccia unit is found within two zones surrounded by fine grained Cherry creek diorites. The southernmost exposure of the hybrid breccia contains weak to locally moderate albite alteration and local, trace to weak fracture-controlled pyrite and chalcopyrite mineralization. The surrounding diorites in this area are unmineralized and fresh.

The northern portion of the Joker Grid area is underlain by diorites, monzodiorites and monzonites of the Cherry Creek phase. The rocks are again strongly fractured and overall unaltered.

Roughly seventy-five metres to the north of the Joker Grid (baseline area) is the Joker adit; a caved in adit exposed along the banks of Anderson Creek. Adit mineralization consists of malachite, chalcopyrite, pyrite and bornite concentrated in a low angle fault and fracture system. Sampling of the adit by previous workers returned up to 22,550ppm Cu over 3 metres. Mineralization appears to be restricted and does not continue to surface with extensive rock sampling by previous workers in the vicinity of the adit returning very low copper values (up to 85ppm Cu). Local malachite and chalcopyrite mineralization and sporadic potassic feldspar and epidote alteration is found along the 200 metre plus long trench cut into the bank of Anderson Creek south from the adit. Due to abundant rock samples previously collected and the general lack of significant surface alteration and mineralization, no rock samples were collected in this area during the 1994 program.

II. Mineralization and Alteration

A total of 8 rock samples were collected from the property. Sample locations are shown on Figure 6 with rock sample descriptions provided in Appendix V. Samples were sent to Eco-Tech Laboratories Ltd. in Kamloops, B.C. and analysed for 29 elements by ICP (Ag,Al, As, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Sb, Sn, Ti, U, V, W, Y, Zn) and gold by fire assay and atomic absorption. Analytical Procedures are included in Appendix IV and Certificates of Analyses in Appendix III.

The limited rock samples were collected from the central grid area. No rock samples were collected from the Joker adit and immediate area as previous workers had already extensive sampled this area.

Results from 1994 rock sampling are disappointing. The highest copper value returned was 132ppm Cu from sample JOK 2 collected from carbonate altered hybrid breccia while the highest gold value returned was 50ppb Au (JOK 6).

The limited number of rock samples collected was due to the lack of surface mineralization and alteration found within the intrusive rocks. Mineralization, when found, consisted of local, weak pyrite, chalcopyrite and malachite. Alteration was equally weak and consited of local fracture-controlled epidote and carbonate. The hybrid breccias contained moderate to strong chlorite alteration and weak to locally moderate albite alteration.

8. GRID PREPARATION (Figures 4,6a,6b)

The Joker Grid was constructed in order to obtain information from the area located between the Joker adit and Phil Cu showing. General grid location is shown on Figures 4 and 11. Geological mapping, geophysical surveys (magnetometer and VLF) and soil collection was carried out within the grid. The 100 metre spaced grid lines were established by topofil and compass and slope corrected wire picket stations positioned every 50 metres and marked on the flagging. A total of 17 east-west lines averaging 1200 metres in length were constructed for a total length of 20.85 line kilometres of grid.

9. SOIL GEOCHEMISTRY (Figure 7)

A total of 389 soil samples were collected and sent to Eco-Tech Laboratories Ltd. in Kamloops, B.C. and analysed for 29 elements by ICP (Ag, Al, As, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sn, Ti, U, V, W, Y, Zn) and gold by fire assay and atomic absorption. Samples were collected every 50 metres using a shovel from the 'B' horizon, which generally occurred at a depth of 20-40 centimetres. Locally, holes had to be dug 40-60 centimetres deep in order to penetrate organic cover. All soils were collected in Kraft bags and allowed to air dry before shipment to the lab. Sample locations and copper (ppm) results are shown on Figure 7. For a complete list of results see Appendix III - Certificates of Analyses. Analytical procedures are included in Appendix IV. A complete list of soil sample descriptions is provided in Appendix VI.

A. Results (Figure 7)

Soil geochemical results of the Teck 1994 program failed to identify any significant anomalous copper and gold zones within the grid. Several weakly anomalous copper zones were outlined with the central part of the grid having the greatest concentration of anomalous results. Most of the anomalous zones are outlined by copper soil values in the range of 130-199 ppm Cu with only eight results greater than 200 ppm Cu and the highest being 492ppm Cu (L26+00N, 21+00E). Gold soil results were very low overall with only several weakly (upto 50ppb Au) anomalous values returned. A majority of the weak gold anomalies are associated with elevated copper results. The anomalous zones trend northerly to northwesterly and are generally narrow (one to four stations wide). The largest anomalous zone is found in the central portion of the grid (L24+00N to L31+00N and just west of the baseline) over ground underlain by both weakly altered and mineralized Hybrid breccias and Cherry Creek diorites. Roughly two hundred metres to the east lies a narrow 200 metres long anomaly associated with a northerly-trending fault zone. The remainder of the grid contains several small, erratic weakly anomalous copper zones.

As a consequence of the low soil values, a statistical analysis was not undertaken.

10. <u>MAGNETOMETER SURVEY</u> (Figure 8)

A ground magnetometer survey was carried out within the Joker Grid (see Figure 4 for grid location). An EDA model Omni-IV Tie-Line magnetometer system was used in the magnetometer survey. The portable base station instrument provides total field intensity measurements to an accuracy of ± 1 gammas over a range of 20,000 to 90,000 gammas. Readings were taken every 25 metres along the lines. Corrections for diurnal variations were made automatically and continuously by the base station unit.

A. ***<u>Results</u>*** *(Figure 8)*

Results from the survey were inconclusive. The central portion of the grid contains a wide (300 metre) northerly-trending mag low zone. The zone widens up to 800 metres wide just north of line 31+00N. This distinct mag low trend is likely due to glacial cover and underlying non-magnetic Cherry Creek diorite rocks. Flanking this low mag response zone to the east and south is a discrete magnetometer high. The anomalous mag high zone is roughly 250 metres wide by 700 metres long and covers ground underlain by strongly magnetic, unaltered and unmineralized hybrid breccia intrusive rocks. The mag low zone grades into slightly higher values to the west, over ground underlain by glacial drumlins and swamps.

11. <u>VLF SURVEY</u> (Figures 9 & 10)

A two station VLF survey was carried out within the Joker Grid. An EDA Omni-VLF Model PPX-406 system was used to take two station readings; Seattle (24.8 Khz) and Annapolis (21.4 KHz), every 25 metres along the lines. The instrument recorded vertical in-phase (IP), vertical quadrature (Q) and horizontal field strength values. The recorded vertical IP values were then fraser filtered, contoured and plotted on Figures 9 (Seattle) and 10 (Annapolis). Due to technical difficulties, VLF data for both stations was not available between lines 21+00N to 25+00N.

A. **Results** (Figures 9 & 10)

Results from the 1995 VLF survey outlined numerous northerly-trending narrow, weakly anomalous zones. On the west side of the grid, the predominant trend of the zones of both stations is northeast while on the eastern portion of the grid the prominent direction is north-northwest. Overall, the anomalous fraser filtered in-phase data is only weakly anomalous (mode 10 - 25 units), narrow in width (mode 20-50 metres) and somewhat discontinuous. Results from the two different stations generally correlate well with some local discrepancies. The conductive source of the weak anomalies may be narrow fault zones.

12. DIAMOND DRILLING (Figures 4, 11-15)

Six diamond drill holes were drilled in 1994 for a total of 690.68 metres (2266 ft). The first two holes (JK-94-01 & 02) were drilled to test the down-dip potential of the Phil Cu showing (trench) while holes JK-94-03 to JK-94-06 were drilled to test geophysical anomalies located between the Joker adit and Greymask shaft areas. See Figure 4 and 11 for drill hole location and Figure 11 for compilation of the old data and anomalies around the Joker adit and Phil Cu showing areas. Drill sections are shown on Figures 12 - 15. Drilling of the NQ-sizes core was carried out between July 16 and 30, 1994 by Connors Drilling of Kamloops, B.C. Large sections of the core were split and sent to Eco-Tech Labs in Kamloops for analysis. A total of 265 samples were collected and analysed for 30 elements by ICP (Ag,Al,As,B,Ba,Bi,Ca,Cd,Co,Cr,Cu,Fe,K, La,Mg,Mn,Mo,Na,Ni,P,Pb,Sb,Sn,Sr,Ti,U,V,W,Y,Zn) and gold by atomic absorption. In addition, three of the samples were assayed for copper and one assayed for gold. Copper (ppm) and gold (ppb) results are included in the drill logs.

Drill hole locations are plotted on Figures 4 and 11 with drill logs included in Appendix VII. Core is currently being stored at Afton Mines. Core recovery was generally good (90-100%) except in some of the fault zones.

The following table lists all pertinent drill data.

TABLE 2

Diamond Drill Hole Data

Hole No.	Location	Elevation	Azimuth	Dip	Total Length	No. of Samples Collected
JK-94-01	Phil Cu Area	987m	110°	-60°	72.54m	36
JK-94-02	Phil Cu Area	990m	110°	-60°	107.60m	39
JK-94-03	Greymask Shaft Area	937m	225°	-50°	173.74m	59
JK-94-04	Greymask Shaft Area	937m	045°	-50°	121.62m	53
JK-94-05	Greymask Shaft Area	934m	225°	-50°	64.90m	22
JK-94-06	Greymask Shaft Area	938m	225°	-50°	150.27m	56
			Total		**690.68 meters**	**265 Samples**

A brief description of each hole follows.

A. Hole JK-94-01 (Figure 12)

Hole JK-94-01 was collared 35 metres west of the Phil Cu showing (mineralized trench) and drilled to test the surface mineralization at depth. From the top of the hole (3.05m) to 40.70 metres, grey to black hybrid breccia was encountered. The section contained numerous fault zones up to three metres wide (core thickness) with associated fault breccia zones. Alteration consisted of local, weak epidote and potassium feldspar (potassic) fracture-fill and patches throughout with local carbonate altered (bleached) zones. Oxidation of magnetite to hematite was common. Some fragments within the hybrid breccia appeared to be albite altered (white, siliceous) with the degree of siliceousness (and thus albitization) decreasing down hole. Pervasive albite alteration was not noted. Mineralization consisted of weak pyrite and local weak malachite. The projected target zone to intersect the mineralized trench zone downdip was around 30 to 35 metres and was not encountered. Copper and gold results returned for the entire hole were disappointing with the best result 1169ppm copper and 500ppb Au over 3 metres (sample 10609) from 25.70 to 28.70 metres.

From 40.70 to 46.20 metres a transition zone characterized by an overall darker and fine grained appearance with a faint and non-distinct outline of the hybrid breccia was encountered. This section likely represents a transition from the overlying hybrid breccia unit into an underlying fine grained intrusive/subvolcanic unit.

The section from 46.20 to 72.50 metres (EOH) consists of fine (to locally medium) grained diorite to monzonite and intermediate volcanic. The distinction of primary and secondary potassium feldspar was difficult; there were no potassic veins or fractures but rather wide zones of pervasive pinkish feldspars. There is some association of pinkish feldspar zones with epidote altered zones. Overall, epidote alteration is weak with local moderate to strongly altered zones (commonly associated with strong hematite alteration) from 46.20 to 47.20 metres and 52.50 to 53.55 metres. From 59.85 to 64.20 metres the core consisted of strongly epidote, hematite, chlorite, potassic and carbonate altered and brecciated fine grained intrusive or andesitic volcanic. Pyrite mineralization is weak and local. A distinctive, erratically distributed tourquoise colored oxide, carbonate or clay mineral (possibly a copper mineral) was noted in this section. However, geochemical results were disappointing however with only very low copper and gold results returned throughout the section.

B. <u>Hole JK-94-02</u> (Figure 13)

Hole JK-94-02 was collared 35 metres west of JK-94-01 and drilled to further test the downdip extension of the mineralized Phil Cu trench (further downdip than hole # 1). Hybrid breccia, similar to the first hole, was intersected from 13.10 metres to 60.70 metres. Strong oxidation (limonite) was present to a depth of 16 metres. Alteration consisted of weak epidote and hematite. Strong chlorite fracture-fill alteration was common throughout. The breccia matrix was dark, soft and strongly chloritic. Patches of bronzey-brown biotite were common and may represent an alteration feature. From 21.80 to 33.70 metres the hole becomes more siliceous with less soft, chloritic matrix and more strongly siliceous, possibly albitized fragments. From 33.70 to 36.30 metres a section of albite breccia (containing very strongly albite altered clasts) was encountered. From 36.30 metres on the degree of albitization decreases and amount of soft chlorite matrix increases. From 45.50 to 60.70 metres the section is riddled with numerous fault zones. The projected downdip intersection of the trench mineralization was from 50 to 55 metres and was not encountered as the section was dominated by faults. Local potassic alteration bands (up to 3cm wide) occur from 42.0 to 54.77 metres. Mineralization is weak overall (weak, local pyrite) with the best result being 0.17% Cu over 8 metres from 40.3 to 48.3 metres. The highest gold result (sample 10658) was 0.5 g/t over 2 metres (54.3 to 56.3 metres).

Diorite to monzonite intrusive to andesite volcanic is found from 60.7 to 107.6 metres (EOH). The section is very similar, but more altered, to that encountered in the bottom of hole # 1. Moderate to strong epidote and potassic alteration (bands up to 7cm wide) with associated 2% pyrite fracture-fill was found from 62.70 to 63.45 metres. The unknown tourquoise mineral (same as hole # 1) and 2-3% pyrite occurs from 65.30 to 65.75 metres and is associated with strong epidote, potassic, calcite and chlorite alteration. Numerous local zones of strong epidote, potassium feldspar and calcite alteration with pyrite are found from 70.33 to 107.60 metres (EOH). No significant mineralization was noted.

C. Hole JK-94-03 (Figure 13)

Hole JK-94-03 was collared in the northeastern portion of the Joker claim, roughly 300 metres southwest of the Greymask shaft area; an area with old reported drill intercepts of 0.15% Cu and 0.015 opt Au over 67 metres and 0.16% Cu over 55 metres. The hole, together with subsequent holes JK-94-04 to JK-94-06, tested geophysical targets (IP, magnetometer) outlined by previous workers.

Fine to medium grained diorite and diorite breccia was intersected from 6.10 to 142.65 metres. The gradation from brecciated to non brecciated core is often ambiguous and irregular with a stockwork and mottled appearance common. Moderate to strong epidote and potassic alteration is common and occurs as bands, irregular patches and fracture-fills. In addition, local albite and possibly biotite alteration is present. Local coarse grained sections of diorite are present. Magnetite content is commonly high throughout. Mineralization to a depth of 77.15 metres is weak overall and consists of local fracture-fill and disseminated chalcopyrite and pyrite with the best result 0.1% Cu over 3 metres (sample 10696). Massive hematite (commonly specular hematite) bands up to 4cm wide occur from 77.15 to 142.65 metres. Commonly associated with the massive specular hematite bands is local 1-3% fracture-fill chalcopyrite and strong epidote and potassic alteration and calcite veinlets. The main mineralized sections occur at 77.15 to 79.50 metres, 92.72 to 93.16 metres, 115.20 to 118.50 metres and 126.75 to 128.95 metres. The best assay results returned include 1.1% Cu and 3.28 g/t Au over 2.35 metres from 77.15 to 79.50 metres (sample 10704) and 0.5% Cu over 1 metre at 92.72 metres (sample 10712) . All other results are ≤ 0.1% Cu. From 118.50 to 142.65 metres the intensity of alteration is decreased and the specular hematite bands are often associated with narrow calcite veining. Local fault zones are present. From 126.75 to 142.65 metres the core becomes darker and more chloritic and andestitic.

Pyroxene porphyritic andesitic volcanic in a semi-continuous fault zone was intersected from 142.65 to 173.74 metres (EOH). The only mineralization observed was very local trace pyrite. Strong chlorite and local weak carbonate and potassic alteration is present.

D. Hole JK-94-04 (Figure 13)

Hole JK-94-04 was collared at the same location as hole # 3 but drilled in the opposite direction. Like hole # 3, hole JK-94-04 intersected epidote and potassic altered diorite breccias with an irregular and mottled stockwork appearance from 9.14 to 119.77 metres. Abundant irregular calcite veinlets are common and often associated with the narrow (≤ 4cm wide) semi-massive to massive specular hematite bands and zones. Mineralization occurs as narrow 1-3% chalcopyrite fracture-fills and clots associated with the specular hematite bands. Zones occur at 11.4 to 11.5 metres, 17.08 to 17.15 metres, 19.35 to 19.55 metres, 21.20 to 21.29 metres, 22.67 to 23.30 metres and 22.67 to 22.78 metres. Results include 0.25% Cu over 1 metre at 22.30 metres (sample 10744).

The section from 53.33 to 67.93 metres contains sections of fault zones alternating with non-faulted diorite breccias. Numerous narrow mineralized sections are present from 53.90 to 55.60 metres with results up to 0.16% Cu over 1 metre at 54.78 metres (sample 10757). Mineralized zones occur at 58.35 to 58.47 metres, 64.05 to 64.80 metres, 67.20 to 68.80 metres, 69.90 to 70.20 metres, 70.51 to 70.56 metres, 96.60 to 99.40 metres and 104.80 to 106.00 metres. The best result is 2.45 g/t Au and 0.36% Cu over 1 metre at 63.80 metres (sample 10762) with all other samples returning ≤ 0.1% Cu.

Sections of pervasive potassic alteration occur from 56.83 to 80.02 metres. From 80.20 to 115.40 metres epidote and potassic alteration is weak overall (local moderate zones up to 10 cm wide) with moderate hematite and calcite alteration and very local trace chalcopyrite and pyrite mineralization. From 115.40 to 119.77 the core becomes more chloritic and locally faulted (transition zone?).

The zone of alternating pyroxene porphyritic andesite and fault zones (same as hole # 3) occurs from 119.77 to 121.62 metres (EOH).

E. Hole JK-94-05 (Figure 14)

Hole JK-94-05 was collared 100 metres southeast of holes JK-94-03 and JK-94-04 to test the continuity of the mineralization intersected in holes 3 & 4. Hole JK-94-05 collared into similar stockwork looking diorite breccia but with overall weaker epidote and potassic alteration. Calcite veinlets are common. Mineralization is sparse, occurring as narrow fracture-fill chalcopyrite and pyrite commonly associated with the specular hematite / hematite bands at 43.85 to 44.63 metres, 48.05 to 48.63 metres and 52.00 to 52.02 metres. No significant copper or gold results were returned.

A fault zone was intersected from 54.90 to 62.90 metres. The section locally looks like pyroxene porphyritic andesite (dark green, chloritic, soft), similar to the bottom of holes 3 & 4. From 62.90 to 64.90 metres (EOH) a grey to black, fine grained material (different from the fault zone rock) was intersected. Because of poor recovery through this section and the above fault zone, drilling on this hole was terminated.

F. Hole JK-94-06 (Figure 15)

Hole JK-94-06 was collared 100 metres northwest of holes JK-94-03 and Jk-94-04 to test the continuity of the mineralization intersected in holes 3 & 4. A similarly altered diorite breccia (as found in holes 3, 4 & 5) was intersected from 15.24 to 150.27 metres (EOH). The stockwork appearance is defined by abundant calcite veinlets, wispy hematite (with local specular hematite), and weak to moderate epidote and weak to strong potassic alteration. Local chalcopyrite and pyrite fracture-fill mineralization occurs at 46.68 to 46.83 metres, 49.05 metres and 69.00 to 69.03 metres with results including (sample 10820) 0.18% Cu over 3.05 metres (46.63 to 49.68 metres).

Albite alteration is noted from 53.08 to 54.00 metres with abundant white, siliceous fragments in the diorite breccia. From 78.40 to 94.83 metres, there is a general increase in amount and intensity of potassic alteration (bands, patches and pervasive zones) with calcite veinlets and epidote alteration. From 79.60 to 82.0 metres (80.0 to 81.75 strongest), narrow zones of fracture-fill and splotchy chalcopyrite and pyrite mineralization (up to 3% locally) occur associated with strong alteration. The best result from this *zone returned 2.09 g/t and 0.3% Cu over 1 metre at 80.0 metres (sample 10832).* Other erratically distributed narrow mineralized zones occur from 83 to 89 metres with up to 0.43% Cu returned over 2 metres (85 to 87 metres). The best mineralized section of hole JK-94-06, from 94.85 to 96.0 metres, contains splotchy chalcopyrite (overall ≈3%) through a strongly potassic and epidote altered zone with weak to moderate specular hematite. Assaying of the section returned 2.08% Cu and 10.21 g/t Au over 1.15 metres (sample 10843).

Weak mineralized zones occur from 96 to 98 metres with the 2 metre section returning 0.53% Cu (samples 10844 & 10845). Mineralization and alteration generally decreases downhole. A large fault zone was encountered from 101.50 to 104.65 metres. Weak mineralized zones occur at 114.10 to 114.50 metres and 130.69 to 130.92 metres. From 132.42 to 139.0 metres alteration consisted of moderate epidote, weak potassic and moderate hematite bands. From 139.0 to 150.27 metres (EOH) alteration is weak overall.

G. Discussion

The first two drill holes, JK-94-01 & JK-94-02, tested the possible downdip extension of high grade mineralization found in the Phil Cu trench showing. The showing contains a shallow-dipping ($\approx$ 30°) fault zone with local high grade copper mineralization in massive albite altered Iron Mask hybrid breccias in fault contact with Sugarloaf diorites. The discontinuous, exposed massive albite is up to 2 metres thick. Several other cross-cutting faults are evident in the old trench cuts.

1994 drilling failed to intersect the mineralization downdip at the projected target depths; instead numerous fault zones with local, weak copper mineralization (up to 0.17% Cu over 8 metres in hole JK-94-02) were encountered. This leads to the likely conclusion that the mineralization found in the trenches is local and erratic and not continuus downdip, at least in the area of the drill holes. The probability of a large size porphyry Cu-Au system in the immediate area is low.

Holes JK-94-03 to JK-94-06 tested old geophysical (IP, magnetics) anomalies located near the Greymask shaft area. A small dump located near the reported shaft (actual shaft no longer visible) contained massive magnetite and hematite with splashy chalcopyrite. Drilling on these four hole intersected weak to strongly potassic, epidote, carbonate and hematite altered diorite intrusive breccias. Mineralization consisted of narrow zones/bands of massive specular hematite with local 1-3% fracture-controlled chalcopyrite, similar to that of the small Greymask dump located roughly 250 metres to the northeast. Mineralized intervals containing greater than 0.5% Cu were generally narrow with the best results including 1.1% Cu and 3.28 g/t Au over 2.35 metres (JK-94-03) and 2.08% Cu and 10.21 g/t Au over 1.15 metres (JK-94-06). The bottom of holes 3,4 and possibly 5 intersected non-mineralized andesitic volcanics in fault contact with the overlying intrusive breccias.

This area has been satisfactorily tested by drilling. To the northeast previous work around the Greymask shaft outlined low grade copper and gold. Five hundred metres to the southwest, numerous old drill holes proximal to the Joker adit area outlined low grade copper mineralization (no actual intercepts found on record).

13. CONCLUSION

Results from the 1994 program are mixed.

Geological mapping has shown the property to be largely underlain by Iron Mask Batholith diorites and hybrid breccias with lesser Tertiary volcanics. Surface alteration and mineralization is weak with limited rock sampling failing to return economic copper-gold mineralization.

Soil sampling on Joker grid did not return significant copper-gold values. Several discontinuous weakly anomalous, northerly-trending copper zones were delineated. The magnetometer survey carried out over the grid outlined a central northerly-trending mag low flanked to the west by a mag high. The mag high corresponds to ground underlain by strongly magnetic hybrid breccia rocks. The two station VLF survey revealed numerous narrow and discontinuous northerly-trending weakly conductive zones.

Diamond drilling of two holes (JK-94-01,02) in the Phil Cu showing area failed intersect the down-dip extension of high grade copper mineralization found in the surface trenches. Diamond drilling of four holes south of the Greymask shaft area intersected several, narrow high grade copper zones within potassic, epidote and carbonate altered diorite breccias. Results include 1.1% Cu and 3.28g/t Au over 2.35 metres (hole JK-94-03) and 2.08% Cu and 10.21g/t Au over 1.15 metres (hole JK-94-06).

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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 seven 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 and supervised the Joker 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 Joker Property which is the subject of this report.

Steve Jensen
Project Geologist
January, 1995

APPENDIX II

Cost Statement

JOKER PROPERTY

COST STATEMENT

1. Geology
(includes preparation,data compilation,field plotting)

A.	Steve Jensen, P.Geo. (Geologist) 23 days @ $226.73/day July 1-8,10,12-14 (June 8,10-14,17,21,30, July 11,15)		$5,214.79
	( ) Denotes non-field days	**Subtotal**	**$5,214.79**

2. Soil Survey and Grid Installation

A.	Steve Jensen, P.Geo. (Geologist) 7 days @ $226.73/day June 23-29		$1,587.11
B.	Paul Roberts, P.Geo. (Geologist) 8 days @ $261.20/day June 22-30		$2,089.60
		Subtotal	**$3,676.71**

3. Magnetometer and VLF-EM Survey

A.	Kevin Chubb (Technician) 7 days @ $203.50/day July 1-7		$1,424.50
		Subtotal	**$1,424.50**

4. Core Logging, Sampling and Drill Supervision

A.	Steve Jensen, P.Geo. (Geologist) 15 days @ $226.73/day July 16-30		$3,400.95
B.	Ryan Kazakoff (Assistant) 11 days @ $166.75/day		$1,834.25
		Subtotal	**$5,235.20**

5. Drilling Costs

Connors Drilling Ltd., Kamloops, B.C.
July 16-30, 1994
Six (6) NQ diamond drill holes
Costs per ft include all consumables and use of water truck

A.	Overburden Drilling (NW) 170 ft @ $18.19/ft	$3,092.30
B.	Coring Bedrock (NQ) 2096 ft @ $14.98/ft	$31,398.08
C.	Field Costs (Reaming etc.)	$102.72
	Subtotal	**$34,593.10**

6. Analytical = Eco-Tech Labs, Kamloops,B.C.

A.	Rock samples 8 @ $17.66 ea. (29 el. ICP & Au)	$141.28
B.	Soil samples 389 @ $14.18 ea. (29 el. ICP & Au)	$5,516.02
C.	Drill Core 265 @ $17.66 ea. (29 el. ICP & Au)	$4,679.90
D.	Copper assay - Drill core 1 @ $8.03 ea.	$8.03
E.	Gold assay - Drill Core 3 @ $9.10 ea.	$27.30
	Subtotal	**$10,372.53**

8. Geophysical Equipment Rental - T.Hasek Associates Ltd. Vancouver

Rental of Scintrex Base Station Magnetometer and VLF-EM Unit
June 30 - July 8, 1994 — $1,055.67

Subtotal $1,055.67

9. Food and Accommodation

A.	Food $25.00/day x 16 days (June 22 - July 7,1994)	$400.00

	B.	Accommodation 16 days @ $60.00/day	$960.00
		Subtotal	**$1,360.00**
10.	Transportation		
	A.	4x4 Toyota Forerunner truck rental 50 days @ $70.00/day (includes fuel,insurance,repairs)	$3,500.00
		Subtotal	**$3,500.00**
11.	Freight and Shipping		
	A.	Equipment shipments,correspondance etc.	$300.00
		Subtotal	**$300.00**
12.	Field Supplies		
	A.	Sample bags,flagging,topo thread,vest,compass etc.	$1,246.65
		Subtotal	**$1,246.65**
13.	Report Writing and Typing		
	A.	Steve Jensen, P.Geo. (Geologist) 15 days @ $226.73/day August	$3,400.95
		Subtotal	**$3,400.95**
14.	Drafting		
	A.	Base map preparation and materials (includes Trim map purchase) Steve Archibald, Kamloops, B.C 6 days @ $200.00/day	$1,925.00
	B.	Prints, enlargements, screens of maps	$630.40
	C.	Steve Archibald (Draftsman) 13 days @ $200.00/day	$2,600.00
		Subtotal	**$5,155.40**
		JOKER 1994 TOTAL COST:	**$76,535.50**

APPENDIX III

Certificates of Analysis

19-Jul-94

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

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

TECK EXPLORATION ETK 94-434
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: STEVE JENSEN

8 ROCK samples received July 11, 1994
PROJECT #: 1722

Values in ppm unless otherwise reported

Et #.	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	JOK 1	5	<.2	5.24	45	85	<5	5.19	<1	26	76	43	6.83	<10	0.75	424	5	0.05	5	850	<2	<5	<20	297	0.14	<10	376	<10	<1	23
2	JOK 2	10	1.0	2.28	25	125	<5	4.24	<1	11	99	132	1.11	<10	0.79	434	7	0.02	3	1130	<2	<5	<20	53	0.13	<10	59	<10	7	12
3	JOK 3	5	<.2	5.91	35	100	<5	5.41	<1	28	82	80	8.03	<10	0.73	420	2	0.05	6	890	<2	<5	<20	343	0.13	<10	446	<10	<1	24
4	JOK 4	10	<.2	5.29	60	85	<5	5.48	<1	33	99	31	9.60	<10	0.75	465	6	0.06	8	810	<2	<5	<20	295	0.16	<10	556	<10	<1	27
5	JOK 5	15	1.8	2.34	10	35	<5	4.05	<1	13	47	101	1.54	<10	0.80	321	2	0.01	1	1200	<2	10	<20	69	0.16	<10	66	<10	6	13
6	JOK 6	50	0.8	3.14	20	55	<5	5.73	<1	16	92	114	1.53	<10	1.19	531	4	0.01	3	1670	<2	<5	<20	60	0.13	<10	49	<10	4	13
7	JOK 7	5	<.2	2.02	60	45	<5	2.31	<1	44	67	28	11.30	<10	0.78	514	4	0.05	15	500	10	<5	<20	98	0.19	<10	589	<10	<1	34
8	JOK 8	5	<.2	6.44	45	75	<5	5.88	<1	32	85	19	8.18	<10	0.76	357	4	0.05	6	470	<2	<5	<20	349	0.14	<10	436	<10	<1	27
QC DATA:																														
Repeat:																														
1	JOK 1	-	<.2	5.43	50	85	<5	4.82	<1	25	69	45	6.57	<10	0.74	395	4	0.05	6	820	<2	<5	<20	293	0.16	<10	368	<10	<1	23
Standard 1991:																														
		-	1.2	1.86	72	163	<5	1.91	<1	22	72	80	4.01	<10	1.06	720	1	0.01	20	730	18	<5	<20	63	0.11	<10	82	<10	7	73

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

XLS/Teck

"HOLE JK-94-01"

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

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

TECK EXPLORATION ETK 94-461
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: STEVE JENSEN

36 CORE samples received July 19, 1994
PROJECT #: 1722

Values in ppm unless otherwise reported

Et #.	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	10601	<5	<.2	2.22	<5	170	<5	3.32	<1	39	10	319	10.10	<10	2.07	426	<1	0.02	16	830	<2	<5	<20	64	0.20	<10	382	<10	4	19
2	10602	<5	<.2	2.07	<5	225	10	2.76	<1	34	14	125	9.57	<10	1.66	326	<1	0.03	12	1070	<2	<5	<20	89	0.13	<10	359	<10	2	27
3	10603	5	<.2	2.39	<5	300	<5	3.99	<1	31	21	159	8.05	<10	1.68	421	<1	0.06	10	1500	<2	<5	<20	186	0.14	<10	320	<10	5	25
4	10604	5	<.2	2.09	<5	180	<5	2.81	<1	30	14	147	7.47	<10	1.48	355	<1	0.04	11	1120	<2	<5	<20	77	0.16	<10	323	<10	5	23
5	10605	15	<.2	2.51	<5	235	<5	2.80	<1	32	7	255	6.53	<10	2.00	317	<1	0.03	11	1610	2	<5	<20	93	0.20	<10	270	<10	8	17
6	10606	10	<.2	2.43	<5	180	<5	3.85	<1	31	7	602	7.39	<10	2.26	426	<1	0.03	10	1550	<2	<5	<20	104	0.16	<10	264	<10	5	20
7	10607	5	<.2	2.20	<5	95	<5	5.14	<1	28	24	255	4.75	<10	2.38	505	<1	<.01	12	680	<2	5	<20	70	0.19	<10	127	<10	10	14
8	10608	10	<.2	2.14	<5	75	<5	3.90	<1	34	50	210	6.18	<10	2.39	415	<1	0.01	18	170	<2	5	<20	53	0.22	<10	201	<10	9	18
9	10609	500	<.2	2.37	<5	180	<5	4.99	<1	41	25	1169	10.30	<10	2.84	473	<1	0.04	20	1060	<2	<5	<20	85	0.21	<10	311	<10	5	18
10	10610	70	<.2	2.27	<5	75	<5	5.21	<1	29	7	362	7.07	<10	2.63	420	<1	0.05	15	850	<2	5	<20	96	0.10	<10	221	<10	3	18
11	10611	40	<.2	2.99	<5	80	<5	5.25	<1	36	8	603	8.01	<10	3.10	494	<1	0.04	19	820	<2	10	<20	118	0.18	<10	275	<10	7	25
12	10612	40	<.2	3.21	<5	75	<5	5.25	<1	84	407	686	7.04	<10	6.95	613	<1	0.08	447	580	6	10	<20	102	0.08	<10	124	<10	2	30
13	10613	<5	<.2	2.83	<5	130	5	5.15	<1	60	349	29	5.32	<10	8.89	853	<1	0.06	647	520	4	15	<20	92	0.04	<10	100	<10	2	42
14	10614	<5	<.2	1.73	<5	70	10	1.17	<1	67	286	30	5.16	<10	10.20	534	<1	0.02	849	470	<2	15	<20	70	0.02	<10	71	<10	<1	62
15	10615	<5	<.2	1.82	<5	290	<5	1.53	<1	65	329	31	5.18	<10	9.05	558	<1	0.03	780	440	<2	10	<20	65	0.03	<10	65	<10	<1	48
16	10616	<5	<.2	2.00	<5	30	<5	2.49	<1	33	18	181	4.52	<10	2.37	623	<1	0.02	37	780	<2	10	<20	145	0.11	<10	113	<10	5	47
17	10617	<5	<.2	2.27	<5	65	5	1.80	<1	23	18	93	6.18	<10	2.21	640	<1	0.03	37	760	12	<5	<20	64	0.10	<10	158	<10	3	68
18	10618	<5	<.2	1.92	<5	40	<5	1.95	<1	23	8	244	5.92	<10	1.81	525	<1	0.02	9	790	4	<5	<20	79	0.15	<10	156	<10	7	49
19	10619	<5	<.2	1.96	<5	35	5	1.96	<1	27	8	76	5.32	<10	1.64	478	<1	0.02	15	740	<2	5	<20	53	0.09	<10	150	<10	5	29
20	10620	<5	<.2	2.30	<5	40	<5	2.65	<1	17	5	189	5.97	<10	1.73	588	<1	0.03	5	820	<2	<5	<20	54	0.13	<10	161	<10	7	39
21	10621	<5	<.2	2.27	<5	30	<5	2.50	<1	19	5	178	6.16	<10	2.01	693	<1	0.02	6	790	<2	10	<20	69	0.12	<10	159	<10	6	45
22	10622	<5	<.2	1.94	<5	75	10	2.39	<1	18	7	48	4.25	<10	1.62	554	<1	0.02	5	810	<2	<5	<20	170	0.13	<10	111	<10	8	44
23	10623	<5	<.2	1.92	<5	25	10	1.46	<1	17	9	13	4.56	<10	1.59	543	<1	0.02	4	810	4	<5	<20	96	0.11	<10	112	<10	6	45
24	10624	<5	<.2	2.15	<5	25	10	1.39	<1	19	8	53	5.56	<10	1.70	693	<1	0.02	6	820	<2	10	<20	51	0.10	<10	129	<10	5	63
25	10625	<5	<.2	1.82	<5	20	5	1.17	<1	22	9	35	3.99	<10	1.68	590	<1	0.03	6	860	<2	10	<20	84	0.12	<10	85	<10	7	95

"HOLE JK-94-01"

TECK EXPLORATION ETK 94-461 — ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	10626	<5	<.2	1.80	<5	20	<5	2.24	<1	31	9	120	4.49	<10	1.77	590	<1	0.02	7	830	<2	10	<20	63	0.11	<10	104	<10	6	59
27	10627	<5	<.2	1.86	<5	35	<5	2.15	<1	27	11	182	5.17	<10	1.78	680	<1	0.02	8	820	<2	10	<20	52	0.11	<10	113	<10	5	54
28	10628	<5	<.2	1.71	<5	25	<5	1.41	<1	23	9	126	5.13	<10	1.66	740	<1	0.02	7	790	<2	10	<20	54	0.09	<10	103	<10	4	79
29	10629	<5	<.2	1.92	<5	35	<5	1.45	<1	29	12	159	5.35	<10	1.72	813	<1	0.03	7	790	<2	10	<20	96	0.11	<10	107	<10	6	75
30	10630	<5	<.2	1.62	<5	20	<5	2.50	<1	20	11	390	3.90	<10	1.48	599	<1	0.03	7	850	<2	5	<20	114	0.12	<10	96	<10	7	35
31	10631	<5	<.2	1.93	<5	25	10	1.39	<1	18	20	12	4.38	<10	1.68	739	<1	0.02	7	830	<2	<5	<20	109	0.09	<10	93	<10	5	53
32	10632	5	<.2	1.88	<5	30	10	1.18	<1	20	10	12	5.05	<10	1.61	745	<1	0.02	6	820	<2	<5	<20	52	0.08	<10	95	<10	3	61
33	10633	10	<.2	1.81	<5	25	10	1.39	<1	17	11	13	4.19	<10	1.47	687	<1	0.02	6	810	<2	<5	<20	79	0.09	<10	86	<10	5	46
34	10634	5	<.2	2.09	<5	25	10	1.52	<1	17	11	6	5.21	<10	1.52	741	<1	0.02	5	830	<2	<5	<20	46	0.07	<10	103	<10	3	46
35	10635	10	<.2	2.13	<5	40	10	1.42	<1	18	13	7	4.91	<10	1.53	714	<1	0.02	6	830	<2	<5	<20	49	0.07	<10	99	<10	3	48
36	10636	5	<.2	1.92	<5	80	10	1.99	<1	17	26	8	4.96	<10	1.33	648	<1	0.03	6	820	<2	<5	<20	42	0.07	<10	113	<10	2	40
QC DATA:																														
Repeat:																														
1	10601		<.2	2.04	<5	160	<5	3.08	<1	26	9	306	9.69	<10	1.87	428	<1	0.01	10	850	<2	<5	<20	58	0.11	<10	368	<10	2	18
Standard:																														
			1.0	1.71	65	155	<5	1.83	2	18	64	76	3.84	<10	0.95	691	<1	<.01	25	700	6	10	<20	56	0.07	<10	80	<10	7	70

XLS/Teck

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

2-Aug-94

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

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

TECK EXPLORATION ETK 94-463
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: STEVE JENSEN

39 CORE samples received July 21, 1994
PROJECT #: 1722

Values in ppm unless otherwise reported

Et #.	Tag #	Au (ppb)	Ag	Al %	As	B	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	JK94-02: 10637	65	<.2	3.00	<5	10	255	<5	3.85	2	35	19	390	9.47	0.28	<10	2.81	456	<1	0.07	21	1360	<2	20	<20	149	0.22	<10	392	<10	13	22
2	JK94-02: 10638	55	<.2	2.51	<5	10	255	<5	3.58	<1	40	18	658	11.70	0.41	<10	2.46	443	<1	0.07	22	<10	<2	5	<20	130	0.26	<10	487	<10	10	22
3	JK94-02: 10639	45	<.2	4.03	<5	8	445	<5	6.26	<1	37	6	881	8.47	0.40	<10	3.38	683	<1	0.19	20	630	<2	20	<20	289	0.28	<10	371	<10	18	20
4	JK94-02: 10640	30	<.2	3.50	<5	10	165	5	5.10	<1	32	7	100	6.83	0.19	<10	2.52	532	<1	0.18	17	690	4	15	<20	201	0.21	<10	346	<10	13	24
5	JK94-02: 10641	35	<.2	3.01	<5	10	200	10	3.63	<1	33	12	111	7.55	0.18	<10	2.02	422	<1	0.12	17	350	6	5	<20	189	0.22	<10	378	<10	9	28
6	JK94-02: 10642	20	<.2	2.60	<5	6	165	10	3.79	<1	36	9	65	8.38	0.15	<10	2.22	503	<1	0.1	18	340	<2	10	<20	120	0.21	<10	439	<10	9	32
7	JK94-02: 10643	25	<.2	3.47	<5	8	285	15	3.53	<1	40	24	69	8.83	0.28	<10	2.14	448	<1	0.18	15	960	6	<5	<20	244	0.25	<10	474	<10	11	31
8	JK94-02: 10644	20	<.2	3.27	<5	10	260	10	6.25	<1	35	14	124	8.35	0.17	<10	2.70	701	<1	0.13	16	830	<2	5	<20	183	0.21	<10	383	<10	11	27
9	JK94-02: 10645	160	<.2	3.88	<5	10	545	10	3.90	<1	30	14	96	5.71	0.33	<10	2.62	385	<1	0.16	14	640	14	10	<20	293	0.28	<10	283	<10	16	18
10	JK94-02: 10646	25	<.2	3.30	<5	12	380	<5	3.87	<1	27	9	101	5.12	0.25	<10	2.62	459	<1	0.13	12	760	8	10	<20	216	0.22	<10	258	<10	13	23
11	JK94-02: 10647	15	0.4	2.65	<5	8	430	<5	2.72	<1	8	20	56	1.53	0.14	<10	0.92	172	<1	0.09	5	310	<2	15	<20	186	0.13	<10	54	<10	15	5
12	JK94-02: 10648	25	<.2	2.61	<5	10	410	5	3.03	<1	12	15	72	2.34	0.12	<10	1.59	221	<1	0.11	8	10	2	15	<20	209	0.19	<10	62	<10	16	8
13	JK94-02: 10649	5	<.2	3.03	<5	10	110	<5	6.16	<1	35	11	154	8.84	0.12	<10	2.60	693	<1	0.08	27	870	<2	20	<20	108	0.21	<10	471	<10	10	26
14	JK94-02: 10650	20	<.2	3.88	<5	8	230	<5	4.59	<1	33	8	205	5.89	0.27	<10	3.12	423	<1	0.08	27	2510	<2	20	<20	150	0.27	<10	262	<10	16	20
15	JK94-02: 10651	130	<.2	2.53	<5	8	120	<5	6.42	<1	30	12	1961	7.37	0.11	<10	4.05	775	<1	0.07	22	200	<2	15	<20	134	0.25	<10	287	<10	16	16
16	JK94-02: 10652	105	<.2	3.38	<5	8	55	<5	3.48	<1	34	17	2566	8.53	0.10	<10	3.03	362	<1	0.07	17	1250	<2	15	<20	120	0.25	<10	323	<10	13	13
17	JK94-02: 10653	65	<.2	3.34	<5	10	90	<5	3.77	<1	35	7	1197	6.79	0.06	<10	3.57	445	<1	0.09	17	260	4	15	<20	157	0.30	<10	254	<10	16	18
18	JK94-02: 10654	100	<.2	2.96	<5	10	175	<5	6.31	<1	27	17	1175	5.38	0.21	<10	3.81	551	<1	0.08	20	570	<2	15	<20	169	0.18	<10	181	<10	11	13
19	JK94-02: 10655	45	<.2	3.25	<5	8	75	<5	7.50	2	35	5	859	9.54	0.11	<10	3.39	559	<1	0.11	22	460	<2	15	<20	136	0.17	<10	372	<10	9	20
20	JK94-02: 10656	30	<.2	3.15	<5	10	65	<5	6.51	1	31	12	383	7.58	0.10	<10	3.17	494	<1	0.11	16	580	<2	15	<20	146	0.20	<10	332	<10	12	18
21	JK94-02: 10657	50	<.2	3.41	<5	6	135	<5	7.00	<1	27	7	364	5.97	0.18	<10	4.87	630	<1	0.18	17	80	<2	20	<20	172	0.14	<10	194	<10	11	13
22	JK94-02: 10658	580	<.2	3.29	<5	10	40	<5	6.70	<1	21	14	685	4.84	0.06	<10	3.27	691	<1	0.12	16	700	<2	15	<20	219	0.11	<10	201	<10	12	21
23	JK94-02: 10659	25	<.2	3.70	<5	10	75	<5	6.35	<1	43	218	210	5.93	0.13	<10	5.87	649	<1	0.16	211	290	<2	15	<20	266	0.11	<10	218	<10	6	24
24	JK94-02: 10660	15	0.8	2.81	25	12	50	<5	6.35	1	53	638	267	6.29	0.16	<10	8.04	625	<1	0.12	607	410	<2	20	<20	197	0.06	<10	98	<10	5	31
25	JK94-02: 10661	10	<.2	3.79	<5	12	50	10	2.32	<1	34	49	57	5.85	0.37	<10	3.73	902	<1	0.05	57	740	6	20	<20	50	0.16	<10	229	<10	11	50
26	JK94-02: 10662	10	0.2	2.82	<5	8	50	<5	2.27	3	94	22	68	5.63	0.06	<10	2.39	839	<1	0.04	25	640	<2	10	<20	68	0.13	<10	175	<10	9	93
27	JK94-02: 10663	230	0.4	2.40	<5	6	15	5	5.94	<1	39	17	23	4.94	0.05	<10	2.09	867	<1	0.03	13	640	632	10	<20	74	0.11	<10	176	<10	11	44
28	JK94-02: 10664	90	<.2	2.75	<5	10	35	10	5.23	<1	18	34	85	5.45	0.06	<10	2.17	900	<1	0.05	6	630	4	10	<20	110	0.13	<10	201	<10	10	49
29	JK94-02: 10665	35	0.2	2.60	<5	10	20	<5	2.59	<1	17	29	129	5.28	0.03	<10	1.88	620	<1	0.04	8	710	<2	10	<20	121	0.12	<10	163	<10	9	37
30	JK94-02: 10666	175	<.2	2.31	<5	8	30	<5	3.49	<1	21	33	164	5.68	0.05	<10	1.98	676	<1	0.05	6	680	<2	10	<20	97	0.14	<10	185	<10	9	46

TECK EXPLORATION ETK 94-463 Eco-Tech Laboratories Ltd.

Et #.	Tag #	Au (ppb)	Ag	Al %	As	B	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
31	JK94-02: 10667	10	<.2	2.80	<5	8	15	<5	3.16	2	27	33	162	6.14	0.04	<10	2.36	822	<1	0.05	8	660	<2	20	<20	73	0.15	<10	200	<10	11	72
32	JK94-02: 10668	<5	<.2	2.65	<5	12	25	<5	2.72	<1	16	21	137	5.78	0.03	<10	2.09	744	<1	0.04	8	710	4	15	<20	95	0.12	<10	178	<10	9	48
33	JK94-02: 10669	15	<.2	2.87	<5	12	20	<5	2.23	<1	16	27	117	5.75	0.03	<10	2.22	767	<1	0.05	7	660	<2	15	<20	90	0.13	<10	182	<10	9	48
34	JK94-02: 10670	20	0.8	2.62	<5	10	10	<5	1.93	<1	16	20	167	5.06	0.01	<10	2.00	716	<1	0.04	8	690	<2	20	<20	94	0.12	<10	140	<10	10	45
35	JK94-02: 10671	10	<.2	2.68	<5	10	40	5	3.39	<1	18	22	71	6.21	0.09	<10	2.27	698	<1	0.05	7	670	<2	10	<20	64	0.11	<10	200	<10	11	48
36	JK94-02: 10672	10	0.4	2.90	<5	10	25	<5	3.17	1	26	13	137	6.35	0.06	<10	2.43	671	<1	0.05	8	660	<2	20	<20	66	0.11	<10	205	<10	11	43
37	JK94-02: 10673	15	0.6	2.87	<5	8	25	<5	2.59	1	20	21	162	5.96	0.06	<10	2.72	764	<1	0.03	9	680	<2	20	<20	63	0.07	<10	193	<10	10	58
38	JK94-02: 10674	15	<.2	2.71	<5	10	210	<5	3.22	<1	19	13	162	6.12	0.09	<10	2.36	654	<1	0.05	7	670	<2	5	<20	65	0.11	<10	207	<10	11	46
39	JK94-02: 10675	<5	<.2	2.93	<5	8	90	<5	2.84	<1	21	19	208	5.37	0.09	<10	2.25	635	<1	0.06	5	630	<2	<5	<20	54	0.11	<10	192	<10	8	35

QC DATA:

Et #.	Tag #	Au (ppb)	Ag	Al %	As	B	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K%	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Repeat:																																
1	JK94-02: 10637		<.2	3.02	<5	10	275	<5	3.72	1	32	18	401	9.33	0.30	<10	3.01	466	<1	0.07	19	1410	<2	20	<20	150	0.23	<10	437	<10	13	16
39	JK94-02: 10675		0.4	3.05	<5	10	75	<5	2.84	<1	20	18	222	5.38	0.08	<10	2.36	637	<1	0.06	6	610	<2	<5	<20	50	0.10	<10	196	<10	10	34
Standard 1991			1.2	1.80	70	8	160	<5	1.89	<1	19	65	80	3.77	0.39	<10	1.05	659	<1	0.01	23	700	18	<5	<20	62	0.11	<10	89	<10	8	73

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

XLS/Teck

5-Aug-94

JK-94-03

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

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

Values in ppm unless otherwise reported

TECK EXPLORATION ETK 94-475
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: STEVE JENSEN

58 CORE samples received July 23, 1994
PROJECT #: 1722

Et #.	Tag #	Au ppb	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	JK-94-03 10676	5	<.2	3.16	<5	110	<5	4.64	<1	40	55	161	11.00	<10	1.78	600	<1	0.06	20	530	36	<5	<20	190	0.10	<10	392	<10	<1	48
2	JK-94-03 10677	5	<.2	4.04	<5	145	<5	5.57	<1	25	18	83	6.12	<10	1.27	496	<1	0.19	8	570	46	5	<20	383	0.05	<10	233	<10	1	34
3	JK-94-03 10678	10	<.2	> 15	<5	260	15	5.77	<1	33	19	21	8.90	<10	1.41	568	<1	0.25	11	<10	<2	<5	<20	535	0.04	<10	355	<10	<1	39
4	JK-94-03 10679	5	<.2	3.78	<5	90	<5	3.92	<1	30	34	232	7.15	<10	2.28	530	<1	0.10	10	10	42	<5	<20	221	0.06	<10	252	<10	<1	37
5	JK-94-03 10680	5	<.2	5.51	<5	145	<5	4.94	<1	29	10	319	8.20	<10	1.35	475	<1	0.41	9	1460	64	<5	<20	700	0.05	<10	308	<10	<1	33
6	JK-94-03 10681	10	<.2	> 15	<5	250	15	5.57	<1	36	16	17	9.40	<10	1.79	566	<1	0.20	10	<10	<2	5	<20	408	0.06	<10	383	<10	<1	43
7	JK-94-03 10682	25	<.2	3.82	<5	140	<5	4.62	<1	38	9	702	9.45	<10	2.28	626	7	0.16	11	470	38	<5	<20	290	0.07	<10	385	<10	<1	44
8	JK-94-03 10683	5	<.2	2.98	<5	130	15	4.62	<1	48	17	21	11.30	<10	2.62	737	<1	0.13	15	230	26	<5	<20	206	0.08	<10	477	<10	<1	61
9	JK-94-03 10684	5	<.2	3.72	<5	235	<5	4.77	<1	30	12	54	7.40	<10	1.93	654	<1	0.21	9	800	40	10	<20	374	0.08	<10	307	<10	4	45
10	JK-94-03 10685	5	<.2	4.02	<5	430	<5	4.60	1	29	24	10	7.29	<10	1.80	564	<1	0.23	10	410	44	15	<20	600	0.02	<10	296	<10	<1	37
11	JK-94-03 10686	5	<.2	3.63	<5	220	15	5.33	<1	37	16	20	8.40	<10	2.41	742	<1	0.15	13	550	36	10	<20	285	0.06	<10	344	<10	2	52
12	JK-94-03 10687	5	<.2	4.15	<5	175	<5	5.25	<1	30	62	129	7.74	<10	2.14	663	<1	0.17	25	1260	44	5	<20	333	0.09	<10	304	<10	4	40
13	JK-94-03 10688	5	<.2	3.37	<5	120	15	4.43	<1	46	27	76	11.20	<10	2.50	735	<1	0.15	20	390	32	<5	<20	242	0.10	<10	464	<10	<1	63
14	JK-94-03 10689	10	<.2	> 15	<5	210	<5	4.64	<1	34	20	874	8.94	<10	1.90	579	<1	0.24	12	50	<2	<5	<20	361	0.03	<10	320	<10	<1	40
15	JK-94-03 10690	5	<.2	3.60	<5	80	<5	4.03	<1	46	25	209	11.20	<10	2.22	673	<1	0.13	19	330	34	<5	<20	166	0.09	<10	461	<10	<1	62
16	JK-94-03 10691	10	<.2	4.00	<5	145	<5	5.87	<1	42	8	131	9.75	<10	2.50	777	<1	0.19	12	890	40	10	<20	258	0.07	<10	382	<10	1	57
17	JK-94-03 10692	5	<.2	> 15	<5	270	5	4.95	<1	40	14	75	10.10	<10	1.74	600	<1	0.26	10	<10	<2	<5	<20	410	0.03	<10	414	<10	<1	49
18	JK-94-03 10693	5	<.2	> 15	<5	305	<5	6.11	<1	42	25	124	10.20	<10	2.01	707	<1	0.20	12	110	<2	<5	<20	300	0.08	<10	415	<10	<1	58
19	JK-94-03 10694	5	<.2	> 15	<5	240	<5	6.25	<1	39	16	97	8.96	<10	1.99	752	<1	0.21	10	250	<2	<5	<20	329	0.06	<10	372	<10	<1	57
20	JK-94-03 10695	5	<.2	4.10	<5	95	10	4.67	<1	40	12	45	9.49	<10	1.97	671	<1	0.15	11	710	42	<5	<20	195	0.08	<10	394	<10	<1	59
21	JK-94-03 10696	105	<.2	3.20	<5	150	<5	5.91	<1	34	17	1034	9.38	<10	1.38	592	2	0.12	14	550	28	<5	<20	207	0.10	<10	374	<10	2	41
22	JK-94-03 10697	5	<.2	3.40	<5	110	5	4.44	<1	36	18	36	10.10	<10	1.32	418	<1	0.07	15	100	34	<5	<20	127	0.09	<10	435	<10	<1	43
23	JK-94-03 10698	5	<.2	3.24	<5	220	<5	4.95	<1	38	17	208	9.42	<10	1.79	515	<1	0.10	14	1630	34	5	<20	162	0.10	<10	372	<10	1	36
24	JK-94-03 10699	65	<.2	2.97	<5	265	<5	2.07	<1	55	25	1092	8.77	<10	2.83	463	<1	0.04	10	1940	34	10	<20	123	0.11	<10	204	<10	2	37
25	JK-94-03 10700	5	<.2	3.36	<5	65	<5	3.68	<1	43	28	235	8.18	<10	2.68	469	<1	0.06	9	1890	36	10	<20	52	0.14	<10	221	<10	5	34
26	JK-94-03 10701	55	<.2	2.78	<5	100	5	5.80	<1	41	10	94	9.31	<10	1.53	626	<1	0.11	13	680	28	<5	<20	168	0.07	<10	348	<10	2	44
27	JK-94-03 10702	10	<.2	3.28	<5	125	15	4.37	<1	39	21	9	9.71	<10	1.05	444	<1	0.10	16	390	34	<5	<20	174	0.07	<10	395	<10	<1	44
28	JK-94-03 10703	40	<.2	2.65	<5	215	10	3.70	<1	50	16	60	11.40	<10	1.65	524	<1	0.08	21	320	26	<5	<20	89	0.15	<10	452	<10	<1	58
29	JK-94-03 10704	>1000	2.6	3.23	<5	135	<5	> 15	<1	110	29	7360	12.50	<10	2.60	929	<1	0.04	13	1570	26	<5	<20	78	0.05	<10	271	<10	2	54
30	JK-94-03 10705	>1000	2.2	3.30	<5	65	<5	> 15	1	145	12	>10000	13.70	<10	2.86	937	8	0.03	14	1980	20	10	<20	57	0.01	<10	249	<10	<1	55

Et #.	Tag #	Au ppb	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
31	JK-94-03 10706	30	<.2	3.25	<5	145	<5	4.74	<1	34	18	311	8.74	<10	1.26	501	<1	0.12	10	1180	36	<5	<20	150	0.10	<10	353	<10	2	39
32	JK-94-03 10707	5	<.2	3.20	<5	105	10	3.24	<1	43	14	128	10.80	<10	1.33	481	<1	0.14	16	860	32	<5	<20	186	0.11	<10	470	<10	<1	51
33	JK-94-03 10708	5	<.2	> 15	<5	380	10	4.33	<1	36	21	68	9.17	<10	1.27	500	<1	0.32	13	330	<2	<5	<20	498	0.10	<10	396	<10	1	41
34	JK-94-03 10709	5	<.2	2.42	<5	95	<5	3.34	<1	24	11	24	5.59	<10	0.86	375	<1	0.17	9	210	26	<5	<20	158	0.05	<10	234	<10	<1	29
35	JK-94-03 10710	45	<.2	3.19	<5	80	<5	4.07	<1	42	15	472	9.20	<10	1.71	496	<1	0.07	12	620	34	5	<20	76	0.11	<10	364	<10	1	48
36	JK-94-03 10711	5	<.2	2.91	<5	95	<5	4.57	4	34	8	286	7.97	<10	1.45	422	<1	0.06	12	850	32	5	<20	74	0.09	<10	311	<10	2	34
37	JK-94-03 10712	185	<.2	3.03	<5	80	<5	4.78	<1	58	9	5525	11.30	<10	2.96	513	<1	0.05	10	1230	26	5	<20	59	0.12	<10	284	<10	3	34
38	JK-94-03 10713	5	<.2	3.14	<5	70	15	4.23	<1	42	4	39	9.03	<10	2.10	477	<1	0.07	11	1340	34	<5	<20	85	0.14	<10	346	<10	4	39
39	JK-94-03 10714	10	<.2	3.53	<5	135	10	4.32	<1	48	8	100	10.70	<10	2.27	603	<1	0.12	15	610	36	5	<20	162	0.14	<10	398	<10	3	52
40	JK-94-03 10715	30	<.2	2.76	<5	80	<5	7.23	<1	44	4	105	9.11	<10	2.60	739	<1	0.05	13	450	24	10	<20	84	0.09	<10	340	<10	4	54
41	JK-94-03 10716	40	<.2	2.75	<5	55	<5	4.14	<1	54	11	614	7.22	<10	2.46	586	<1	0.04	6	2200	30	15	<20	75	0.08	<10	184	<10	4	45
42	JK-94-03 10717	5	<.2	> 15	<5	175	20	4.24	<1	44	23	37	9.72	<10	1.80	614	<1	0.25	14	<10	<2	<5	<20	331	0.15	<10	413	<10	2	51
43	JK-94-03 10718	20	<.2	3.90	<5	130	15	5.89	<1	43	18	36	10.10	<10	2.01	691	<1	0.27	13	340	40	10	<20	356	0.07	<10	422	<10	<1	48
44	JK-94-03 10719	10	<.2	3.76	<5	145	<5	5.31	<1	47	17	100	9.69	<10	1.74	587	<1	0.22	11	210	36	<5	<20	179	0.09	<10	428	<10	<1	44
45	JK-94-03 10720	5	<.2	3.07	<5	65	25	4.93	<1	45	21	20	10.10	<10	2.16	621	<1	0.14	13	50	30	15	<20	110	0.12	<10	421	<10	2	50
46	JK-94-03 10721	35	<.2	2.92	<5	75	5	5.84	<1	40	22	80	8.79	<10	2.22	625	<1	0.11	16	870	30	<5	<20	81	0.15	<10	353	<10	5	37
47	JK-94-03 10722	80	<.2	1.35	<5	75	<5	> 15	<1	41	6	795	11.00	<10	0.62	709	<1	0.05	17	1160	2	<5	<20	59	0.01	<10	506	<10	<1	18
48	JK-94-03 10723	60	<.2	2.60	<5	80	<5	7.27	<1	54	9	614	15.00	<10	1.51	565	<1	0.05	26	1810	18	<5	<20	61	<.01	<10	649	<10	<1	34
49	JK-94-03 10724	55	<.2	3.73	<5	85	<5	12.30	1	62	7	594	> 15	<10	2.21	710	<1	0.03	25	>10000	26	<5	<20	97	0.01	<10	839	<10	10	45
50	JK-94-03 10725	25	<.2	> 15	<5	160	<5	5.82	35	66	4	612	13.00	<10	2.35	714	<1	0.27	18	250	<2	<5	<20	362	0.08	<10	524	<10	<1	51
51	JK-94-03 10726	10	<.2	> 15	<5	155	10	6.47	<1	30	8	30	6.79	<10	1.60	663	<1	0.31	8	<10	<2	5	<20	341	0.03	<10	279	<10	1	43
52	JK-94-03 10727	70	<.2	3.32	<5	60	<5	10.30	<1	24	2	57	5.41	<10	1.26	848	<1	0.32	6	710	34	10	<20	300	<.01	<10	211	<10	4	36
53	JK-94-03 10728	10	<.2	3.33	<5	45	<5	9.96	<1	32	9	112	6.17	<10	2.42	1003	<1	0.22	14	600	34	10	<20	206	0.01	<10	206	<10	4	40
54	JK-94-03 10729	40	<.2	2.33	<5	60	<5	> 15	<1	58	9	780	5.63	<10	1.57	843	<1	0.14	14	160	22	5	<20	114	0.04	<10	176	<10	3	32
55	JK-94-03 10730	25	<.2	2.34	<5	30	<5	> 15	<1	29	53	98	5.62	<10	2.04	842	<1	0.16	31	480	22	15	<20	129	0.03	<10	199	<10	6	35
56	JK-94-03 10731	20	<.2	2.48	<5	40	<5	> 15	<1	35	48	166	5.93	<10	2.69	890	<1	0.18	30	540	24	15	<20	132	0.05	<10	221	<10	6	37
57	JK-94-03 10732	5	<.2	> 15	<5	130	<5	5.14	<1	35	9	172	7.64	<10	3.91	927	<1	0.31	11	<10	<2	20	<20	414	0.10	<10	322	<10	6	44
58	JK-94-03 10733	5	<.2	3.61	<5	45	<5	5.23	<1	49	10	175	7.26	<10	3.56	840	<1	0.18	9	470	40	15	<20	183	0.11	<10	261	<10	8	41
59	JK-94-03 10734	5	<.2	3.99	<5	685	<5	2.96	<1	73	664	284	6.37	<10	13.10	994	<1	0.46	919	880	44	15	<20	261	0.06	<10	130	<10	3	58
QC/DATA																														
Repeat #:																														
1	JK-94-03 10676		<.2	3.10	<5	105	<5	4.56	<1	39	55	162	10.70	<10	1.76	596	<1	0.06	18	550	30	<5	<20	181	0.09	<10	378	<10	<1	46
39	JK-94-03 10714		<.2	3.50	<5	130	10	4.26	<1	48	8	103	10.70	<10	2.12	597	<1	0.12	15	610	38	<5	<20	159	0.13	<10	402	<10	3	51
Standard 1991			1.0	1.99	80	170	<5	1.92	1	22	65	82	4.00	<10	0.97	745	<1	0.01	20	740	20	<5	<20	60	0.09	<10	81	<10	8	76

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Fax (604) 573-4557

CERTIFICATE OF ANALYSIS ETK 94-475

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

5-Aug-94

ATTENTION: STEVE JENSEN

59 CORE samples received July 23, 1994
PROJECT #: 1722

ET #.	Description		Au (g/t)	Au (oz/t)	Cu (%)
29	JK-94-03:	10704	2.46	0.072	-
30	JK-94-03:	10705	4.39	0.128	1.52

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9-Aug-94 "JK-94-04"

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10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 2J3

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

TECK EXPLORATION ETK 94-496
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: STEVE JENSEN

53 CORE samples received July 26, 1994
PROJECT #: 1722

Values in ppm unless otherwise reported

Et #.	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	JK94-04 10735	<5	<.2	3.24	30	65	<5	7.03	<1	29	17	180	7.17	<10	1.40	728	5	0.01	3	330	<2	<5	<20	182	0.06	<10	410	<10	<1	31
2	JK94-04 10736	<5	<.2	2.92	45	65	<5	4.35	1	35	44	12	9.99	<10	1.44	659	2	0.01	9	630	6	<5	<20	185	0.11	<10	603	<10	<1	45
3	JK94-04 10737	5	<.2	3.54	45	40	<5	4.91	1	34	38	11	10.20	<10	1.59	713	<1	0.02	10	340	<2	<5	<20	289	0.12	<10	609	<10	<1	41
4	JK94-04 10738	30	<.2	3.22	50	365	<5	6.07	<1	37	<1	844	12.30	<10	1.56	803	3	0.01	10	350	6	<5	<20	194	0.08	<10	655	<10	<1	45
5	JK94-04 10739	10	<.2	3.19	50	175	<5	4.42	2	33	28	27	12.20	<10	1.26	580	3	0.02	10	320	6	<5	<20	306	0.10	<10	686	<10	<1	36
6	JK94-04 10740	<5	<.2	3.17	35	70	<5	9.88	2	33	15	50	9.45	<10	1.60	969	1	0.02	8	640	4	<5	<20	174	0.07	<10	514	<10	<1	39
7	JK94-04 10741	100	<.2	2.94	45	115	<5	13.20	<1	39	<1	812	10.50	<10	1.88	1223	4	0.01	9	430	6	<5	<20	135	0.03	<10	548	<10	<1	44
8	JK94-04 10742	<5	<.2	3.26	35	65	<5	5.15	1	30	13	112	10.10	<10	1.44	616	2	0.02	8	490	4	<5	<20	211	0.09	<10	601	<10	<1	38
9	JK94-04 10743	<5	<.2	3.28	45	70	<5	7.37	1	33	18	57	11.70	<10	1.40	791	2	0.02	10	350	4	<5	<20	203	0.10	<10	698	<10	<1	39
10	JK94-04 10744	350	<.2	3.20	55	35	<5	7.74	2	72	<1	2568	13.50	<10	2.13	947	5	<.01	10	500	8	<5	<20	98	<.01	<10	611	<10	<1	55
11	JK94-04 10745	15	<.2	3.44	45	65	<5	7.00	1	36	9	495	11.80	<10	1.77	793	1	0.02	8	670	6	<5	<20	169	0.09	<10	600	<10	<1	40
12	JK94-04 10746	<5	<.2	3.83	45	85	<5	5.28	1	31	21	123	10.10	<10	1.25	611	<1	0.04	6	730	<2	<5	<20	337	0.10	<10	561	<10	<1	34
13	JK94-04 10747	<5	<.2	3.69	35	75	<5	5.83	1	32	34	19	9.30	<10	1.18	661	<1	0.04	9	640	<2	<5	<20	368	0.10	<10	543	<10	<1	37
14	JK94-04 10748	<5	<.2	2.83	45	125	<5	3.40	1	33	37	126	10.70	<10	1.14	521	2	0.02	7	710	4	<5	<20	195	0.09	<10	617	<10	<1	36
15	JK94-04 10749	<5	<.2	2.54	45	70	<5	4.05	1	33	23	80	10.80	<10	1.16	570	2	0.01	8	490	6	<5	<20	169	0.09	<10	610	<10	<1	35
16	JK94-04 10750	5	<.2	3.28	45	80	<5	4.81	1	33	26	44	9.89	<10	1.05	611	2	0.04	7	780	2	<5	<20	381	0.11	<10	609	<10	<1	36
17	JK94-04 10751	5	<.2	3.68	45	55	<5	5.08	1	33	42	56	10.60	<10	1.19	582	2	0.03	6	770	<2	<5	<20	280	0.10	<10	637	<10	<1	35
18	JK94-04 10752	10	<.2	3.47	40	240	<5	6.22	1	35	14	116	9.30	<10	1.12	728	14	0.04	6	570	<2	<5	<20	398	0.07	<10	599	<10	<1	41
19	JK94-04 10753	5	<.2	4.39	35	110	<5	6.84	<1	28	14	17	7.15	<10	1.20	728	1	0.06	5	820	<2	<5	<20	522	0.08	<10	472	<10	<1	39
20	JK94-04 10754	10	<.2	3.70	40	115	<5	4.92	1	34	17	57	8.31	<10	1.24	702	<1	0.03	7	480	<2	<5	<20	280	0.09	<10	571	<10	<1	44
21	JK94-04 10755	55	<.2	4.41	50	45	<5	8.07	<1	39	3	253	9.51	<10	2.33	1042	2	0.03	11	1100	<2	<5	<20	205	0.15	<10	609	<10	<1	49
22	JK94-04 10756	40	<.2	4.11	50	25	<5	7.13	2	35	<1	1013	8.80	<10	2.46	888	4	0.02	7	1000	<2	<5	<20	223	0.10	<10	513	<10	<1	44
23	JK94-04 10757	145	<.2	4.68	60	25	<5	6.68	2	40	<1	1628	13.20	<10	2.92	1130	15	0.02	8	870	<2	<5	<20	166	0.10	<10	633	<10	<1	47
24	JK94-04 10758	10	<.2	2.88	30	55	<5	9.02	1	27	14	143	5.79	<10	2.01	1110	3	0.03	3	720	4	<5	<20	173	0.09	<10	312	<10	<1	32
25	JK94-04 10759	540	0.4	1.78	20	25	<5	7.47	<1	17	<1	1395	3.34	<10	1.23	767	3	0.02	<1	460	<2	<5	<20	111	0.01	<10	98	<10	<1	24
26	JK94-04 10760	45	<.2	1.87	15	60	<5	4.82	<1	14	14	104	1.52	<10	1.11	519	1	0.02	<1	160	<2	<5	<20	186	0.09	<10	45	<10	<1	13
27	JK94-04 10761	140	<.2	2.08	20	40	<5	5.15	<1	18	11	127	3.93	<10	0.93	676	1	0.04	<1	1140	2	<5	<20	113	0.09	<10	198	<10	<1	30
28	JK94-04 10762	>1000	2.0	2.22	35	30	<5	5.96	<1	33	<1	3630	7.11	<10	0.95	731	6	0.03	<1	1330	6	<5	<20	74	<.01	<10	192	<10	<1	45
29	JK94-04 10763	30	<.2	1.47	20	40	<5	7.14	<1	16	9	133	4.34	<10	0.75	847	1	0.02	<1	1470	8	<5	<20	89	0.07	<10	244	<10	1	33
30	JK94-04 10764	55	<.2	1.43	20	25	<5	5.57	<1	15	9	213	4.14	<10	0.71	746	3	0.02	<1	1480	8	<5	<20	90	0.07	<10	236	<10	2	36

TECK EXPLORATION ETK 94-496 Eco-Tech Laboratories Ltd.

Et #.	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
31	JK94-04 10765	110	<.2	1.66	25	30	<5	4.75	<1	19	<1	393	4.91	<10	0.84	685	2	0.02	<1	1500	6	<5	<20	87	0.08	<10	244	<10	<1	29
32	JK94-04 10766	375	<.2	1.54	20	35	<5	6.34	1	24	<1	885	5.19	<10	0.97	863	3	0.02	1	1390	6	<5	<20	79	0.04	<10	220	<10	<1	30
33	JK94-04 10767	65	<.2	1.88	15	20	<5	7.13	<1	19	<1	277	2.73	<10	0.56	690	<1	0.04	<1	730	4	<5	<20	119	0.02	<10	105	<10	<1	15
34	JK94-04 10768	350	<.2	1.86	20	420	<5	8.08	1	29	<1	1213	4.50	<10	1.05	751	1	0.02	2	1410	6	<5	<20	91	<.01	<10	118	<10	<1	30
35	JK94-04 10769	30	<.2	2.55	20	55	<5	6.99	<1	30	14	182	2.98	<10	1.53	602	<1	0.02	1	1870	<2	<5	<20	163	0.06	<10	100	<10	<1	17
36	JK94-04 10770	15	<.2	2.49	20	25	<5	8.59	<1	28	2	211	3.32	<10	1.39	735	<1	0.03	1	1890	<2	<5	<20	162	0.03	<10	100	<10	<1	21
37	JK94-04 10771	60	<.2	1.93	20	235	<5	8.79	<1	21	15	239	3.53	<10	1.10	699	1	0.03	1	1750	4	<5	<20	109	0.03	<10	93	<10	<1	19
38	JK94-04 10772	255	<.2	1.80	25	160	<5	7.62	<1	24	<1	938	4.96	<10	0.60	640	6	0.03	1	1520	6	<5	<20	130	0.02	<10	234	<10	<1	29
39	JK94-04 10773	5	<.2	3.53	35	930	<5	7.40	<1	27	12	21	6.65	<10	1.15	711	1	0.07	5	710	<2	<5	<20	405	0.03	<10	417	<10	<1	32
40	JK94-04 10774	<5	<.2	4.31	40	265	<5	6.04	<1	29	16	14	6.86	<10	1.44	609	4	0.08	3	2260	<2	<5	<20	480	0.05	<10	481	<10	<1	32
41	JK94-04 10775	<5	<.2	5.16	45	190	<5	8.98	1	33	3	34	7.80	<10	1.87	913	<1	0.14	6	810	<2	<5	<20	669	0.06	<10	561	<10	<1	42
42	JK94-04 10776	15	<.2	4.17	40	35	<5	9.69	<1	42	5	29	8.64	<10	2.15	1028	<1	0.07	7	790	<2	<5	<20	274	0.07	<10	587	<10	<1	50
43	JK94-04 10777	40	<.2	5.09	40	65	<5	7.25	1	61	27	86	7.78	<10	2.17	870	1	0.10	5	1040	<2	<5	<20	590	0.10	<10	537	<10	<1	45
44	JK94-04 10778	30	<.2	6.12	50	60	<5	6.23	1	36	8	13	7.80	<10	1.75	786	3	0.16	2	930	<2	<5	<20	1100	0.10	<10	572	<10	<1	46
45	JK94-04 10779	45	<.2	3.92	55	55	<5	6.74	1	56	<1	295	9.81	<10	2.34	828	3	0.03	5	1580	4	<5	<20	195	0.10	<10	581	<10	<1	47
46	JK94-04 10780	5	<.2	5.64	50	330	<5	7.56	<1	32	14	39	7.16	<10	2.05	867	2	0.08	3	1470	<2	<5	<20	339	0.21	<10	604	<10	<1	44
47	JK94-04 10781	10	<.2	5.35	50	85	<5	7.42	<1	35	15	95	7.68	<10	2.15	806	2	0.06	5	630	<2	<5	<20	357	0.17	<10	551	<10	<1	43
48	JK94-04 10782	50	<.2	5.29	55	520	<5	8.70	2	47	<1	926	13.10	<10	2.38	950	2	0.07	8	770	<2	<5	<20	177	0.07	<10	651	<10	<1	52
49	JK94-04 10783	15	<.2	2.22	25	255	<5	5.16	<1	21	10	187	4.11	<10	1.21	563	1	0.03	2	670	2	<5	<20	130	0.08	<10	270	<10	<1	26
50	JK94-04 10784	45	<.2	1.03	10	160	<5	5.76	<1	12	20	38	2.15	<10	1.00	506	1	0.03	<1	810	6	<5	<20	77	0.06	<10	165	<10	13	20
51	JK94-04 10785	20	<.2	4.09	40	55	<5	6.72	<1	31	18	81	6.67	<10	2.57	923	2	0.09	4	810	<2	<5	<20	395	0.08	<10	456	<10	<1	38
52	JK94-04 10786	45	<.2	2.63	30	35	<5	10.60	<1	34	<1	52	5.97	<10	1.82	1005	<1	0.04	4	1050	2	<5	<20	158	0.04	<10	372	<10	<1	36
53	JK94-04 10787	20	<.2	2.99	45	240	<5	12.80	1	38	10	54	7.53	<10	1.97	1260	1	0.06	11	780	6	<5	<20	201	0.04	<10	503	<10	<1	45

QC/DATA:

Repeat :

1	JK94-04 10735		<.2	3.24	35	70	<5	7.60	1	31	20	178	8.13	<10	1.44	742	6	<.01	6	340	<2	<5	<20	192	0.06	<10	423	<10	<1	33
39	JK94-04 10773		<.2	3.84	40	960	5	7.80	1	32	17	21	6.81	<10	1.25	714	2	0.07	6	770	<2	<5	<20	426	0.03	<10	446	<10	<1	39
Standard 1991			1.2	1.88	75	170	<5	1.96	1	22	70	76	4.14	<10	1.04	720	<1	<.01	19	780	14	<5	<20	64	0.11	<10	82	<10	<1	72

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"JK-94-04"

CERTIFICATE OF ANALYSIS ETK 94-496

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

4-Aug-94

ATTENTION: STEVE JENSEN

53 CORE samples received July 27, 1994
PROJECT #: 1722

ET #.	Description	Au (g/t)	Au (oz/t)
28	JK94-04 10762	2.45	0.071

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
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XLS/Teck

August 16, 1994

"JK -94-05"

ECO-TECH LABORATORIES LTD.
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TECK EXPLORATION ETK 94-504
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: STEVE JENSEN

22 CORE samples received July 28, 1994
PROJECT #: 1722

Values in ppm unless otherwise reported

Et #.	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	JK94-05 10788	<5	<.2	5.28	<5	170	25	4.63	<1	37	27	22	9.70	<10	1.59	460	<1	0.32	7	180	80	5	<20	408	0.16	<10	422	<10	4	37
2	JK94-05 10789	<5	<.2	3.25	<5	180	15	6.72	1	31	18	68	8.27	<10	1.51	438	<1	0.06	6	1860	46	15	<20	107	0.18	<10	289	<10	10	26
3	JK94-05 10790	<5	<.2	> 15	<5	245	<5	8.12	<1	31	5	266	7.44	<10	1.87	626	<1	0.38	8	<10	<2	25	<20	734	0.12	<10	302	<10	6	38
4	JK94-05 10791	<5	<.2	> 15	<5	200	20	5.90	<1	32	22	87	8.85	<10	1.45	521	<1	0.98	11	<10	<2	20	<20	1564	0.16	<10	383	<10	5	40
5	JK94-05 10792	<5	<.2	> 15	<5	225	20	5.94	<1	32	18	87	8.17	<10	1.71	488	<1	0.36	5	180	<2	10	<20	732	0.21	<10	351	<10	9	34
6	JK94-05 10793	<5	<.2	6.08	<5	120	5	5.17	<1	29	11	57	7.47	<10	1.39	444	<1	0.47	4	1050	56	<5	<20	885	0.23	<10	322	<10	8	29
7	JK94-05 10794	<5	<.2	8.00	<5	85	15	5.91	<1	33	18	78	8.21	<10	1.33	552	<1	0.94	6	430	124	15	<20	1768	0.14	<10	357	<10	4	40
8	JK94-05 10795	<5	<.2	7.50	<5	90	30	5.66	1	41	16	83	10.00	<10	1.61	588	<1	0.81	9	410	112	15	<20	1495	0.18	<10	446	<10	5	47
9	JK94-05 10796	<5	<.2	7.24	<5	90	5	5.97	<1	31	10	135	8.60	<10	1.57	531	<1	0.59	9	30	110	10	<20	1082	0.17	<10	381	<10	6	38
10	JK94-05 10797	130	<.2	> 15	<5	180	20	5.26	<1	36	17	93	9.31	<10	1.95	590	<1	0.54	8	<10	<2	25	<20	998	0.18	<10	403	<10	7	40
11	JK94-05 10798	<5	<.2	> 15	<5	180	20	4.93	<1	36	13	122	9.12	<10	1.97	573	<1	0.52	9	<10	<2	15	<20	908	0.17	<10	396	<10	5	38
12	JK94-05 10799	<5	<.2	> 15	<5	150	<5	6.68	<1	29	17	206	6.73	<10	1.80	595	<1	0.37	7	<10	<2	15	<20	723	0.13	<10	283	<10	6	41
13	JK94-05 10800	<5	<.2	> 15	<5	180	20	5.30	<1	32	18	56	7.61	<10	2.12	733	<1	0.83	5	<10	<2	20	<20	1305	0.21	<10	380	<10	10	44
14	JK94-05 10801	<5	<.2	3.61	<5	35	<5	6.65	<1	64	33	273	6.28	<10	1.51	595	<1	0.22	8	390	56	15	<20	306	0.08	<10	209	<10	8	39
15	JK94-05 10802	<5	<.2	2.47	<5	55	<5	7.93	<1	28	13	125	3.36	<10	1.05	546	<1	0.08	3	600	38	20	<20	146	0.09	<10	113	<10	16	27
16	JK94-05 10803	<5	<.2	2.59	<5	40	<5	6.64	<1	24	14	81	4.14	<10	1.05	510	<1	0.07	6	540	40	15	<20	101	0.07	<10	172	<10	10	29
17	JK94-05 10804	<5	<.2	3.20	<5	60	<5	7.28	<1	68	11	228	5.22	<10	1.14	571	<1	0.09	4	610	50	20	<20	154	0.09	<10	159	<10	11	26
18	JK94-05 10805	<5	<.2	> 15	<5	160	5	7.33	1	41	4	68	6.01	<10	2.42	667	<1	0.28	7	<10	<2	35	<20	485	0.09	<10	216	<10	8	36
19	JK94-05 10806	240	<.2	3.38	5	190	<5	1.81	<1	76	1010	577	5.77	<10	14.60	1224	<1	0.27	1027	910	52	30	<20	179	0.06	<10	114	<10	2	65
20	JK94-05 10807	<5	<.2	2.75	5	265	<5	0.79	<1	94	1817	597	7.07	<10	> 15	1904	<1	0.10	1321	830	42	15	<20	73	0.07	<10	110	<10	<1	94
21	JK94-05 10808	<5	<.2	3.37	10	310	<5	1.07	<1	78	1568	1489	6.85	<10	> 15	1421	<1	0.13	1097	690	54	25	<20	126	0.09	<10	139	<10	2	84
22	JK94-05 10809	<5	<.2	1.95	10	205	15	0.94	<1	90	804	9	6.09	<10	> 15	741	<1	0.15	1332	360	30	35	<20	64	0.04	<10	57	<10	<1	118

TECK EXPLORATION ETK 94-504

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC/DATA:																													
Repeat #:																													
1	JK94-05 10788	<.2	6.30	<5	175	20	4.66	1	38	28	22	9.86	<10	1.63	466	<1	0.33	11	140	<2	5	<20	416	0.16	<10	428	<10	4	37
Standard 1991		1.2	1.86	70	180	<5	1.97	<1	23	70	80	4.03	<10	1.04	742	<1	0.01	24	690	20	<5	<20	63	0.10	<10	86	<10	12	76

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

XLS/Teck
df/6209

August 15, 1994

"JK-94-06"

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

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

TECK EXPLORATION ETK 94-515
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: STEVE JENSEN

55 CORE samples received August 2, 1994
PROJECT #: 1722

Values in ppm unless otherwise reported

Et #.	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	10810	170	<.2	4.72	35	200	<5	7.17	1	27	9	228	6.69	<10	1.51	688	1	0.04	4	820	<2	<5	<20	383	0.09	<10	401	<10	<1	35
2	10811	40	<.2	4.74	25	300	<5	5.09	1	23	21	96	6.74	<10	1.13	553	1	0.09	2	1420	<2	<5	<20	652	0.09	<10	381	<10	<1	30
3	10812	50	<.2	4.03	30	150	<5	5.19	1	31	<1	871	8.02	<10	1.33	563	<1	0.03	5	960	<2	<5	<20	267	0.07	<10	441	<10	<1	35
4	10813	30	<.2	<.01	<5	<5	<5	0.03	<1	<1	<1	<1	0.03	<10	<.01	2	<1	<.01	<1	<10	10	<5	<20	1	<.01	<10	<1	<10	<1	<1
5	10814	20	<.2	3.52	30	155	<5	5.37	1	26	16	156	7.48	<10	1.13	519	<1	0.03	5	820	<2	<5	<20	310	0.09	<10	445	<10	<1	31
6	10815	<5	<.2	5.64	30	190	<5	6.59	<1	25	31	68	6.78	<10	1.03	536	2	0.10	5	1410	<2	<5	<20	680	0.06	<10	434	<10	<1	31
7	10816	<5	<.2	4.11	30	145	<5	6.11	1	25	29	55	6.75	<10	1.06	596	2	0.04	7	810	<2	<5	<20	300	0.08	<10	408	<10	<1	30
8	10817	<5	<.2	3.94	25	175	<5	5.83	1	23	32	192	6.21	<10	0.93	533	1	0.04	6	640	<2	<5	<20	434	0.06	<10	358	<10	<1	26
9	10818	<5	<.2	4.36	35	145	<5	5.19	<1	28	24	164	7.29	<10	1.18	408	2	0.03	5	600	<2	<5	<20	305	0.07	<10	410	<10	<1	29
10	10819	<5	<.2	4.36	30	100	<5	5.01	1	29	38	106	7.34	<10	0.97	378	1	0.03	4	440	<2	<5	<20	296	0.07	<10	450	<10	<1	30
11	10820	60	<.2	4.46	35	175	<5	6.11	1	26	<1	1840	7.21	<10	1.33	554	3	0.04	4	1210	<2	<5	<20	303	0.04	<10	347	<10	<1	34
12	10821	<5	<.2	4.37	35	260	<5	5.57	<1	30	6	257	8.54	<10	1.31	491	<1	0.05	5	1640	<2	<5	<20	372	0.08	<10	476	<10	<1	32
13	10822	<5	<.2	4.20	30	225	<5	6.16	<1	28	11	101	7.88	<10	1.09	452	<1	0.03	6	530	<2	<5	<20	324	0.07	<10	444	<10	<1	28
14	10823	<5	<.2	4.22	40	155	<5	5.32	<1	38	4	118	9.87	<10	1.67	496	1	0.03	6	460	<2	<5	<20	293	0.10	<10	524	<10	<1	36
15	10824	<5	<.2	4.01	40	150	<5	5.07	2	37	<1	608	10.30	<10	1.75	523	<1	0.04	6	930	<2	<5	<20	274	0.07	<10	484	<10	<1	37
16	10825	<5	<.2	3.79	40	255	<5	4.95	1	28	2	110	9.20	<10	1.25	392	<1	0.04	7	380	<2	<5	<20	363	0.09	<10	499	<10	<1	28
17	10826	<5	<.2	3.58	35	230	<5	5.92	1	29	<1	373	8.17	<10	1.46	512	<1	0.05	5	920	<2	<5	<20	342	0.11	<10	417	<10	<1	27
18	10827	20	<.2	2.67	30	115	<5	5.12	<1	27	26	277	6.54	<10	1.08	414	2	0.02	5	480	<2	<5	<20	194	0.08	<10	343	<10	<1	25
19	10828	20	<.2	3.43	45	120	<5	5.52	<1	38	3	238	9.79	<10	1.45	520	<1	0.02	9	480	<2	<5	<20	232	0.09	<10	541	<10	<1	39
20	10829	<5	<.2	3.54	25	95	<5	6.25	<1	27	5	393	6.26	<10	1.27	446	<1	0.03	5	370	<2	<5	<20	249	0.05	<10	325	<10	<1	28
21	10830	75	<.2	3.15	25	70	<5	6.44	1	33	11	264	8.25	<10	1.53	600	<1	0.03	8	1030	<2	<5	<20	176	0.09	<10	452	<10	<1	37
22	10831	110	<.2	3.39	35	140	<5	6.64	2	36	<1	266	8.99	<10	1.62	536	3	0.02	7	410	<2	<5	<20	244	0.07	<10	455	<10	<1	31
23	10832	>1000	<.2	3.42	40	115	<5	7.51	1	35	<1	3187	10.40	<10	1.99	686	1	0.03	5	830	2	<5	<20	242	<.01	<10	403	<10	<1	43
24	10833	295	<.2	2.92	30	95	<5	11.00	1	26	<1	1962	6.32	<10	1.35	751	1	0.03	<1	830	<2	<5	<20	241	<.01	<10	286	<10	<1	30
25	10834	110	<.2	3.23	35	265	<5	5.70	<1	27	<1	282	7.24	<10	1.06	371	<1	0.04	5	470	<2	<5	<20	422	0.08	<10	409	<10	<1	26
26	10835	600	<.2	3.50	40	180	<5	5.73	1	31	<1	1490	8.07	<10	1.62	522	2	0.03	4	1110	<2	<5	<20	288	0.05	<10	366	<10	<1	35
27	10836	105	<.2	2.98	30	150	<5	6.03	<1	27	3	579	7.00	<10	1.26	530	2	0.03	4	1350	<2	<5	<20	236	0.10	<10	372	<10	<1	29
28	10837	490	<.2	2.76	45	65	<5	4.41	1	33	<1	4872	11.60	<10	1.51	566	56	0.02	3	1450	8	<5	<20	135	<.01	<10	352	<10	<1	45
29	10838	330	<.2	3.06	40	35	<5	6.02	1	44	<1	3707	10.50	<10	2.18	696	2	<.01	8	390	4	<5	<20	85	<.01	<10	397	<10	<1	50
30	10839	50	<.2	3.29	35	100	<5	6.35	1	28	<1	518	7.15	<10	1.40	558	2	0.03	3	1290	<2	<5	<20	229	0.06	<10	372	<10	<1	30

Et #.	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
31	10840	260	<.2	3.65	40	35	<5	10.60	<1	36	<1	1312	8.57	<10	2.14	853	<1	0.01	5	1020	<2	<5	<20	156	0.04	<10	454	<10	<1	43
32	10841	30	<.2	3.03	30	35	<5	5.93	<1	29	10	74	7.22	<10	1.35	535	<1	0.02	6	420	<2	<5	<20	127	0.09	<10	445	<10	<1	35
33	10842	20	<.2	3.89	35	85	<5	6.66	1	20	4	96	5.66	<10	1.08	483	2	0.07	2	1210	<2	<5	<20	271	0.08	<10	315	<10	<1	25
34	10843	>1000	13.0	1.52	30	20	<5	5.72	2	32	<1	>10000	9.13	<10	1.15	468	40	<.01	5	1250	10	<5	<20	53	<.01	<10	187	<10	<1	64
35	10844	265	<.2	3.52	55	25	<5	5.12	1	48	<1	4554	> 15	<10	2.54	651	134	<.01	10	1110	12	<5	<20	69	<.01	<10	525	<10	<1	58
36	10845	730	1.4	3.31	40	45	<5	4.88	<1	37	<1	6130	12.20	<10	2.08	521	7	0.02	6	1310	4	<5	<20	114	<.01	<10	359	<10	<1	48
37	10846	40	<.2	3.59	35	105	<5	5.51	<1	28	10	274	7.35	<10	1.50	429	1	0.04	5	1020	<2	<5	<20	241	0.09	<10	374	<10	<1	27
38	10847	10	<.2	4.23	40	30	<5	7.94	<1	27	<1	249	7.83	<10	1.92	723	2	0.06	6	480	<2	<5	<20	251	0.05	<10	445	<10	<1	35
39	10848	<5	<.2	2.66	35	30	<5	11.70	1	35	1	36	8.05	<10	1.72	1185	<1	0.07	10	470	4	<5	<20	213	0.02	<10	488	<10	<1	48
40	10849	<5	<.2	3.29	40	415	<5	5.09	<1	38	9	107	8.39	<10	1.78	746	2	0.04	9	540	<2	<5	<20	159	0.11	<10	525	<10	<1	51
41	10850	<5	<.2	2.72	30	415	<5	3.93	2	38	8	53	9.02	<10	1.57	604	<1	0.03	7	730	2	<5	<20	159	0.06	<10	586	<10	<1	45
42	10851	<5	<.2	3.67	35	180	<5	5.51	1	37	25	43	7.89	<10	1.91	735	1	0.04	7	1190	<2	<5	<20	184	0.08	<10	527	<10	<1	44
43	10852	<5	<.2	3.55	45	155	<5	5.23	1	42	<1	330	8.77	<10	2.04	726	1	0.02	5	570	<2	<5	<20	154	0.09	<10	573	<10	<1	48
44	10853	<5	<.2	4.52	45	35	<5	5.31	1	43	9	37	8.30	<10	2.88	877	<1	0.03	8	600	<2	<5	<20	202	0.11	<10	562	<10	<1	57
45	10854	<5	<.2	5.24	35	40	<5	6.02	<1	36	7	35	6.62	<10	2.60	930	<1	0.02	6	540	<2	<5	<20	196	0.10	<10	465	<10	<1	53
46	10855	<5	<.2	4.00	40	200	<5	4.38	1	38	5	375	7.77	<10	2.93	858	<1	0.03	7	1240	<2	<5	<20	219	0.11	<10	473	<10	<1	51
47	10856	<5	<.2	4.42	45	195	<5	5.30	1	41	14	36	8.20	<10	2.98	904	<1	0.02	7	900	<2	<5	<20	201	0.12	<10	571	<10	<1	57
48	10858	305	<.2	6.26	50	145	<5	9.95	1	46	<1	1558	8.46	<10	3.33	1247	25	0.03	7	670	<2	<5	<20	408	0.14	<10	497	<10	<1	59
49	10859	15	<.2	4.97	35	560	<5	4.78	1	33	7	302	7.11	<10	3.12	949	2	0.01	7	2460	<2	<5	<20	183	0.10	<10	426	<10	<1	36
50	10860	10	<.2	5.73	35	180	<5	6.32	<1	33	3	125	6.37	<10	3.37	1046	<1	0.02	6	1770	<2	<5	<20	216	0.08	<10	435	<10	<1	46
51	10861	20	<.2	5.22	40	25	<5	6.00	1	43	18	18	8.22	<10	3.70	1094	<1	0.03	9	480	<2	<5	<20	240	0.11	<10	556	<10	<1	60
52	10862	<5	<.2	5.04	35	100	<5	6.50	<1	28	16	38	5.40	<10	2.51	880	2	0.05	4	1600	<2	<5	<20	367	0.11	<10	401	<10	<1	42
53	10863	15	<.2	4.61	30	40	<5	6.79	1	28	14	24	5.87	<10	2.37	824	1	0.04	5	1060	<2	<5	<20	247	0.06	<10	410	<10	<1	40
54	10864	<5	<.2	4.44	25	125	<5	6.89	<1	23	14	33	5.02	<10	1.75	663	<1	0.05	4	590	<2	<5	<20	293	0.04	<10	342	<10	<1	31
55	10865	10	<.2	3.87	35	345	<5	7.29	2	29	32	24	6.09	<10	1.51	725	2	0.04	5	420	<2	<5	<20	241	0.06	<10	410	<10	<1	40
QC/DATA:																														
Repeat #:																														
1	10810		<.2	4.78	30	210	<5	7.77	1	28	12	236	6.94	<10	1.57	756	<1	0.05	5	840	<2	<5	<20	405	0.09	<10	424	<10	<1	36
39	10848		<.2	2.60	40	35	<5	12.60	<1	39	2	39	8.82	<10	1.82	1210	<1	0.05	12	510	8	<5	<20	234	0.01	<10	510	<10	<1	52
Standard 1991			1.4	2.00	80	180	<5	2.00	1	23	70	81	4.17	<10	1.10	740	<1	<.01	21	730	14	<5	<20	70	0.13	<10	92	<10	<1	73
			1.4	1.97	70	175	<5	1.95	1	21	76	79	3.88	<10	1.05	730	<1	<.01	17	760	16	<5	<20	68	0.11	<10	86	<10	<1	69

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"JK-HOLE 94-06"

CERTIFICATE OF ANALYSIS ETK 94-515

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

16-Aug-94

ATTENTION: STEVE JENSEN

55 CORE samples received August 2, 1994
PROJECT #: 1722

ET #.	Description	Au (g/t)	Au (oz/t)	Cu %
23	10832	2.09	0.061	
34	10843	10.21	0.298	2.08

ECO-TECH LABORATORIES LTD.
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XLS/Teck

11-Jul-94

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

Phone: 604-573-5700
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TECK EXPLORATION ETK 94-396
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: STEVE JENSEN

Sample Run Date: July 9, 1994
241 SOIL samples received June 29,1994
PROJECT #: 1722

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	L20N:15+00E	<5	<.2	1.86	15	200	<5	0.90	<1	15	48	90	3.55	0.20	<10	0.73	595	1	0.01	44	1100	4	<5	<20	62	0.10	<10	128	<10	7	65
2	L20N:15+50E	35	<.2	1.76	15	265	<5	1.33	<1	13	34	92	2.84	0.22	<10	0.56	696	1	0.01	33	1170	<2	<5	<20	89	0.07	<10	101	<10	7	59
3	L20N:16+00E	<5	<.2	1.47	15	100	<5	1.27	<1	17	156	85	2.82	0.10	<10	2.07	390	1	0.01	181	740	<2	<5	<20	87	0.07	<10	81	<10	3	38
5	L20N:16+50E	<5	<.2	1.86	15	205	<5	1.06	<1	14	38	100	3.39	0.23	<10	0.62	668	<1	0.01	35	1030	2	<5	<20	76	0.08	<10	127	<10	7	62
6	L20N:17+00E	<5	<.2	1.75	15	255	<5	1.56	<1	14	40	95	3.21	0.31	<10	0.58	695	<1	0.01	38	1170	<2	<5	<20	84	0.06	<10	111	<10	6	65
7	L20N:17+50E	5	<.2	2.28	20	310	<5	1.42	<1	15	29	98	3.46	0.24	<10	0.70	697	<1	0.01	30	1040	<2	<5	<20	83	0.07	<10	115	<10	7	59
8	L20N:18+00E	<5	<.2	1.96	15	260	<5	1.36	<1	13	42	89	2.92	0.28	<10	0.87	710	<1	0.01	45	940	<2	<5	<20	128	0.05	<10	91	<10	6	49
9	L20N:18+50E	5	<.2	2.10	15	290	<5	1.29	<1	13	40	75	3.15	0.15	<10	0.68	685	<1	0.01	36	990	<2	<5	<20	105	0.06	<10	108	<10	6	64
10	L20N:19+00E	10	<.2	2.34	20	275	<5	1.15	<1	14	44	88	3.56	0.14	<10	0.70	657	<1	0.01	39	890	<2	<5	<20	82	0.07	<10	125	<10	7	58
11	L20N:19+50E	10	<.2	1.98	15	325	<5	1.92	<1	11	33	78	2.73	0.20	<10	0.61	537	<1	0.01	33	1060	<2	<5	<20	126	0.06	<10	97	<10	6	63
12	L20N:20+00E	<5	<.2	2.10	15	215	<5	0.88	<1	15	53	72	3.46	0.26	<10	0.67	647	1	0.01	44	930	2	<5	<20	75	0.08	<10	122	<10	7	61
13	L20N:20+50E	5	<.2	1.85	15	105	<5	3.02	<1	13	46	103	3.74	0.39	<10	1.70	419	<1	0.02	44	1370	<2	<5	<20	131	0.06	<10	95	<10	6	53
15	L20N:21+00E	30	<.2	1.77	25	170	<5	1.16	<1	17	93	118	3.46	<.01	<10	1.69	492	<1	0.01	115	1110	<2	<5	<20	88	0.06	<10	100	<10	4	47
16	L20N:21+50E	<5	<.2	1.74	15	225	<5	1.24	<1	13	44	78	3.21	0.14	<10	0.71	661	<1	0.01	42	1120	2	<5	<20	75	0.07	<10	105	<10	6	57
17	L20N:22+00E	5	<.2	1.76	10	195	<5	1.38	<1	14	42	104	3.25	0.26	<10	0.91	661	<1	0.01	51	1170	2	<5	<20	87	0.06	<10	106	<10	6	59
18	L20N:22+50E	10	<.2	1.59	20	215	<5	1.27	<1	16	58	118	3.75	<.01	<10	1.16	609	<1	0.01	59	1180	<2	<5	<20	89	0.08	<10	112	<10	5	51
19	L20N:23+00E	<5	<.2	2.05	15	220	<5	0.89	<1	14	58	101	3.65	0.11	<10	0.85	655	<1	0.01	55	990	<2	<5	<20	61	0.07	<10	104	<10	6	53
20	L20N:23+50E	<5	<.2	1.85	15	205	<5	1.07	<1	15	67	125	3.34	0.09	<10	1.07	659	<1	0.01	76	890	<2	<5	<20	65	0.06	<10	99	<10	6	47
21	L20N:24+00E	5	<.2	2.00	15	250	<5	1.17	<1	14	49	78	3.17	0.21	<10	0.82	718	<1	0.01	56	870	<2	<5	<20	82	0.07	<10	114	<10	6	51
22	L20N:24+50E	5	<.2	2.00	15	150	<5	0.82	<1	14	72	73	3.39	0.41	<10	1.08	485	1	0.02	74	820	<2	<5	<20	73	0.08	<10	107	<10	5	49
23	L20N:25+50E	30	<.2	1.78	15	195	<5	0.88	<1	20	146	80	3.31	0.02	<10	1.69	457	<1	0.01	172	740	<2	<5	<20	43	0.06	<10	91	<10	4	37
4	L20N:26+00E	<5	<.2	1.81	20	225	<5	1.17	<1	16	42	120	3.72	0.28	<10	0.74	627	1	0.01	46	1130	4	<5	<20	67	0.08	<10	128	<10	7	68
25	L20N:26+50E	<5	<.2	1.76	15	205	<5	0.98	<1	13	67	83	3.15	0.66	<10	1.09	373	<1	0.02	47	940	<2	<5	<20	80	0.09	<10	64	10	4	55
26	L20N:27+00E	<5	<.2	1.73	15	145	<5	0.81	<1	14	73	71	3.09	0.50	<10	1.18	470	<1	0.02	87	750	<2	<5	<20	81	0.07	<10	89	<10	4	52

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
27	L21N:15+00E	<5	<.2	1.69	10	170	<5	1.30	<1	14	41	95	3.54	0.21	<10	0.77	543	1	0.01	41	1130	<2	<5	<20	72	0.09	<10	113	<10	6	61
28	L21N:15+50E	5	<.2	1.60	20	140	<5	1.39	<1	15	43	150	3.93	0.16	<10	0.77	530	2	0.01	42	850	2	<5	<20	72	0.09	<10	143	<10	8	53
29	L21N:16+00E	<5	<.2	1.61	15	205	<5	2.33	<1	12	29	100	2.89	0.38	<10	0.66	587	1	0.01	30	1030	2	<5	<20	114	0.06	<10	107	<10	6	58
30	L21N:16+50E	<5	<.2	1.43	15	195	<5	1.74	<1	14	40	102	3.47	0.13	<10	0.65	674	1	0.01	38	1100	4	<5	<20	85	0.07	<10	110	<10	6	59
31	L21N:17+00E	<5	<.2	1.77	20	225	<5	1.41	<1	16	44	110	3.82	0.23	<10	0.87	648	1	0.01	48	1220	4	<5	<20	81	0.08	<10	120	<10	7	62
32	L21N:17+50E	<5	<.2	1.88	15	200	<5	1.26	<1	15	46	98	3.67	0.21	<10	0.71	600	1	0.01	45	910	4	<5	<20	78	0.08	<10	117	<10	7	57
33	L21N:18+00E	<5	<.2	2.08	20	295	<5	1.13	<1	14	41	95	3.43	0.28	<10	0.67	660	<1	0.01	40	1110	2	<5	<20	70	0.08	<10	128	<10	7	68
34	L21N:18+50E	<5	<.2	1.62	15	160	<5	2.03	<1	14	51	78	3.50	0.22	<10	1.70	561	2	0.04	45	1100	4	<5	<20	106	0.09	<10	114	<10	5	57
35	L21N:19+00E	<5	<.2	2.23	15	175	<5	2.72	<1	11	40	62	2.77	0.27	<10	4.83	345	<1	0.03	37	1050	<2	<5	<20	340	0.09	<10	116	<10	5	58
36	L21N:19+50E	<5	<.2	1.38	15	170	<5	1.74	<1	13	49	98	3.26	0.16	<10	1.49	517	<1	0.02	57	830	2	<5	<20	114	0.07	<10	99	<10	4	43
37	L21N:20-00E	<5	<.2	1.56	10	160	<5	<.01	<1	9	39	78	2.77	0.20	<10	1.95	218	<1	0.01	38	810	<2	<5	<20	350	0.07	<10	82	<10	4	52
38	L21N:20+50E	<5	<.2	1.82	15	150	<5	1.16	<1	15	79	74	3.39	0.39	<10	1.52	529	<1	0.01	79	1130	<2	<5	<20	91	0.06	<10	80	<10	5	58
39	L21N:21+00E	5	<.2	1.70	20	150	<5	0.76	2	14	53	60	3.51	0.30	<10	0.75	661	2	0.02	41	1080	4	<5	<20	55	0.10	<10	103	<10	7	59
40	L21N:21+50E	<5	<.2	1.72	15	110	<5	1.52	<1	15	47	68	3.52	0.40	<10	1.32	586	4	0.04	45	1100	4	<5	<20	142	0.11	<10	132	<10	6	62
41	L21N:22+00E	5	<.2	1.65	20	170	<5	1.80	<1	16	49	88	3.78	0.01	<10	1.01	587	<1	0.01	51	1070	4	<5	<20	82	0.10	<10	105	<10	6	61
42	L21N:22+50E	20	<.2	2.19	20	205	<5	1.02	<1	17	77	114	4.22	0.07	<10	1.01	678	<1	0.01	75	1000	<2	<5	<20	57	0.10	<10	126	<10	7	59
43	L21N:23+00E	<5	<.2	1.51	10	140	<5	2.33	<1	13	47	94	3.16	0.40	<10	1.12	467	<1	0.01	51	1140	2	<5	<20	137	0.08	<10	90	<10	6	55
44	L21N:23+50E	15	<.2	1.61	15	150	<5	<.01	<1	12	54	98	2.74	0.39	<10	3.90	417	<1	0.01	62	1000	<2	<5	<20	552	0.06	<10	88	<10	5	50
45	L21N:24+00E	<5	<.2	1.86	10	140	<5	0.96	<1	16	87	84	3.21	0.46	<10	1.40	517	<1	0.01	105	870	<2	<5	<20	73	0.06	<10	92	<10	5	44
46	L21N:24+50E	<5	<.2	2.08	15	225	<5	0.74	<1	17	105	67	3.25	0.20	<10	1.14	572	<1	0.01	101	780	<2	<5	<20	56	0.08	<10	107	<10	5	49
47	L21N:25+00E	<5	<.2	1.57	10	80	<5	0.55	<1	18	132	45	2.87	0.30	<10	1.78	437	1	0.02	168	590	<2	<5	<20	48	0.07	<10	84	<10	3	40
48	L21N:25+50E	5	<.2	1.93	15	80	<5	0.58	<1	21	156	42	2.82	0.04	<10	2.40	422	<1	0.01	199	430	<2	<5	<20	34	0.07	<10	80	<10	3	31
49	L21N:26+50E	5	<.2	1.22	15	125	<5	1.08	<1	15	107	79	2.74	<.01	<10	2.16	374	<1	0.01	139	820	<2	<5	<20	155	0.06	<10	78	<10	3	35
50	L21N:27+00E	<5	<.2	1.46	10	55	<5	0.90	<1	19	167	56	2.48	0.12	<10	2.98	333	<1	0.01	228	570	<2	<5	<20	143	0.06	<10	72	<10	2	29
51	L22N:15+00E	<5	<.2	1.90	15	195	<5	1.33	<1	12	31	98	3.11	0.36	<10	0.69	534	1	0.01	32	970	2	<5	<20	91	0.07	<10	103	<10	6	60
52	L22N:15+50E	<5	<.2	1.78	15	230	<5	1.44	<1	14	36	127	3.46	0.21	<10	0.58	695	1	0.01	33	1210	2	<5	<20	88	0.07	<10	113	<10	7	61
53	L22N:16+00E	<5	<.2	1.89	15	205	<5	1.02	<1	14	39	88	3.53	0.22	<10	0.59	699	1	0.01	34	1080	2	<5	<20	74	0.08	<10	126	<10	7	64
54	L22N:16+50E	5	<.2	1.79	15	225	<5	1.29	<1	13	35	84	3.18	0.23	<10	0.54	722	1	0.01	32	1050	4	<5	<20	81	0.08	<10	113	<10	7	65
55	L22N:17+00E	10	<.2	1.75	15	190	<5	1.28	<1	16	42	124	4.00	0.20	<10	0.73	655	1	0.01	38	960	4	<5	<20	75	0.07	<10	123	<10	7	65
56	L22N:17+50E	<5	<.2	1.82	15	295	<5	1.97	<1	14	47	98	3.44	0.26	<10	0.74	783	1	0.01	49	1380	2	<5	<20	96	0.07	<10	105	<10	7	75
57	L22N:18+00E	<5	<.2	2.02	15	330	<5	2.42	<1	13	31	107	2.92	0.17	<10	0.54	862	<1	<.01	36	1310	2	<5	<20	123	0.05	<10	107	<10	7	90
58	L22N:18+50E	5	<.2	1.70	15	220	<5	2.04	<1	11	34	88	2.82	0.32	<10	0.79	528	<1	<.01	36	1320	<2	<5	<20	128	0.05	<10	75	<10	6	91
59	L22N:19+00E	5	<.2	1.64	10	200	<5	1.86	<1	13	38	80	3.04	0.36	<10	0.97	607	1	0.01	43	1070	2	<5	<20	108	0.06	<10	99	<10	5	66
60	L22N:19+50E	<5	<.2	1.59	20	220	<5	<.01	<1	13	49	70	3.34	0.37	<10	2.61	521	3	0.03	47	1180	2	<5	<20	237	0.09	<10	127	<10	4	60
61	L22N:20+00E	5	<.2	1.89	15	155	<5	0.76	<1	16	70	76	3.51	0.18	<10	1.05	580	<1	0.01	79	920	2	<5	<20	60	0.08	<10	113	<10	5	58
14	L22N:20+50E	<5	<.2	2.04	15	260	<5	1.27	<1	14	63	77	3.08	0.22	<10	0.89	651	<1	0.01	67	880	<2	<5	<20	97	0.06	<10	104	<10	5	52
62	L22N:21+00E	<5	<.2	2.02	15	150	<5	0.75	<1	15	82	72	3.15	0.36	<10	1.38	499	<1	0.01	97	680	2	<5	<20	123	0.07	<10	95	<10	5	49
63	L22N:21+50E	10	<.2	1.89	15	200	<5	1.26	<1	12	38	77	2.91	0.28	<10	0.78	656	<1	0.01	38	1000	<2	<5	<20	121	0.06	<10	95	<10	6	50
64	L22N:22+00E	5	<.2	1.87	15	145	<5	0.82	<1	15	58	73	3.28	0.15	<10	0.93	623	1	0.02	63	980	2	<5	<20	71	0.08	<10	110	<10	5	50
65	L22N:22+50E	<5	<.2	1.76	20	195	<5	1.07	<1	15	63	90	3.93	0.16	<10	0.89	581	<1	0.01	65	940	2	<5	<20	75	0.07	<10	123	<10	6	50
66	L22N:23+00E	5	<.2	2.21	20	295	<5	1.21	<1	15	39	109	3.18	0.21	<10	0.67	777	<1	0.01	50	1080	2	<5	<20	76	0.07	<10	126	<10	8	63
67	L22N:23+50E	<5	<.2	1.94	15	310	<5	1.57	<1	15	40	109	3.02	0.14	<10	0.68	904	<1	0.01	62	1220	2	<5	<20	82	0.06	<10	116	<10	8	57
68	L22N:24+00E	<5	<.2	1.36	15	180	<5	1.04	<1	14	65	62	3.72	0.08	<10	0.92	525	<1	0.01	74	950	2	<5	<20	67	0.06	<10	114	<10	5	47
69	L22N:24+50E	5	<.2	1.60	20	140	<5	2.45	<1	16	75	83	3.20	0.15	<10	1.43	497	1	0.01	93	870	2	<5	<20	126	0.09	<10	101	<10	5	48
70	L22N:25+00E	<5	<.2	1.57	15	100	<5	1.53	<1	17	128	54	2.48	0.44	<10	2.83	434	<1	0.02	185	750	<2	<5	<20	133	0.05	<10	71	<10	3	49
71	L22N:25+50E	<5	<.2	2.06	20	215	<5	0.89	<1	16	81	97	3.30	0.06	<10	1.28	576	<1	0.01	109	800	<2	<5	<20	54	0.07	<10	93	<10	5	59
72	L22N:26+00E	<5	<.2	1.81	15	170	<5	0.87	<1	16	85	60	2.68	0.32	<10	1.41	514	<1	<.01	129	840	<2	<5	<20	73	0.07	<10	75	<10	4	50
73	L22N:26+50E	<5	<.2	1.60	10	140	<5	0.71	<1	16	132	50	2.83	0.24	<10	1.47	456	<1	0.01	145	640	<2	<5	<20	51	0.08	<10	85	<10	3	46
74	L22N:27+00E	<5	<.2	1.46	10	115	<5	0.85	<1	19	165	67	2.36	0.09	<10	3.03	330	<1	<.01	233	600	<2	<5	<20	196	0.05	<10	63	<10	2	31

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
75	L23N:15+00E	5	<.2	2.06	15	220	<5	1.11	<1	14	35	108	3.31	0.30	<10	0.67	689	1	0.01	33	1020	2	<5	<20	90	0.08	<10	126	<10	7	68
76	L23N:15+50E	<5	<.2	1.95	20	195	<5	0.86	<1	14	42	90	3.46	0.29	<10	0.66	649	<1	0.01	37	930	4	<5	<20	68	0.09	<10	124	<10	7	72
77	L23N:16+00E	<5	<.2	1.85	20	235	<5	1.31	<1	14	39	88	3.36	0.29	<10	0.60	686	1	0.01	35	1000	4	<5	<20	76	0.08	<10	121	<10	7	63
78	L23N:16+50E	<5	<.2	1.88	15	210	<5	1.04	<1	14	42	94	3.35	0.25	<10	0.69	666	<1	0.01	39	930	4	<5	<20	70	0.08	<10	128	<10	7	61
79	L23N:17+00E	<5	<.2	1.68	15	275	<5	1.77	<1	13	45	84	3.00	0.22	<10	0.64	735	1	<.01	46	1140	4	<5	<20	88	0.06	<10	95	<10	6	68
80	L23N:17+50E	<5	<.2	1.63	15	265	<5	2.01	<1	13	41	90	2.84	0.12	<10	0.56	621	<1	0.01	42	1100	4	<5	<20	84	0.06	<10	87	<10	6	55
81	L23N:18+00E	<5	<.2	1.72	15	245	<5	1.69	<1	13	41	83	3.01	0.39	<10	0.72	595	1	0.01	42	1090	4	<5	<20	104	0.06	<10	102	<10	6	64
82	L23N:18+50E	<5	<.2	1.92	20	200	<5	0.82	<1	15	48	70	3.31	0.27	<10	0.68	653	1	0.01	44	840	4	<5	<20	72	0.08	<10	125	<10	7	66
83	L23N:19+00E	<5	<.2	1.77	15	205	<5	1.17	<1	15	47	68	3.64	0.22	<10	0.85	624	<1	0.01	47	1060	4	<5	<20	77	0.10	<10	118	<10	6	63
84	L23N:19+50E	5	<.2	1.78	15	175	<5	0.81	<1	15	69	68	3.14	0.28	<10	1.04	593	<1	0.01	80	840	2	<5	<20	57	0.08	<10	114	<10	5	60
85	L23N:20+00E	5	<.2	1.39	20	35	<5	<.01	<1	13	44	69	3.11	<.01	<10	1.53	467	2	0.02	44	1150	2	<5	<20	271	0.10	<10	119	<10	4	50
86	L23N:20+50E	<5	<.2	1.50	20	200	<5	1.28	<1	15	48	99	3.69	0.13	<10	0.75	610	1	0.01	45	1000	6	<5	<20	70	0.07	<10	103	<10	5	48
87	L23N:21+00E	<5	<.2	1.79	15	230	<5	1.24	<1	13	51	73	3.00	0.20	<10	0.84	607	<1	0.01	56	810	2	<5	<20	82	0.07	<10	109	<10	6	51
88	L23N:21+50E	5	<.2	1.81	20	160	<5	0.93	<1	14	48	133	3.46	0.15	<10	0.88	590	<1	0.02	47	1090	4	<5	<20	68	0.07	<10	109	10	6	50
89	L23N:22+00E	<5	<.2	1.70	15	245	<5	1.40	<1	14	51	105	3.25	0.12	<10	0.73	671	<1	0.01	58	1080	4	<5	<20	69	0.06	<10	107	<10	6	52
90	L23N:22+50E	<5	<.2	1.29	15	190	<5	1.47	<1	13	45	68	3.29	0.43	<10	0.75	577	1	0.01	46	1190	4	<5	<20	58	0.07	<10	108	<10	5	51
91	L23N:23+00E	<5	<.2	2.19	20	315	<5	1.23	<1	15	45	137	3.64	0.23	<10	0.87	684	<1	<.01	60	1150	4	<5	<20	62	0.08	<10	124	<10	8	133
92	L23N:23+50E	<5	<.2	1.83	15	280	<5	1.00	<1	17	63	131	3.02	0.14	<10	1.17	708	<1	0.01	111	1040	4	<5	<20	54	0.06	<10	97	<10	7	60
93	L23N:24+00E	<5	<.2	1.65	10	145	<5	0.97	<1	20	155	60	2.56	0.06	<10	2.68	378	<1	<.01	236	550	<2	<5	<20	52	0.05	<10	69	<10	2	37
94	L23N:24+50E	5	<.2	1.57	10	110	<5	0.75	<1	19	166	44	2.50	0.07	<10	2.55	397	<1	<.01	231	600	<2	<5	<20	45	0.05	<10	62	<10	2	38
95	L23N:25+00E	<5	<.2	1.43	15	210	<5	2.65	<1	18	136	76	2.89	0.10	<10	2.36	379	<1	<.01	176	720	<2	<5	<20	107	0.07	<10	90	<10	2	38
96	L23N:25+50E	5	<.2	1.53	15	105	<5	0.76	<1	16	98	55	2.98	0.35	<10	1.19	495	1	0.01	111	740	4	<5	<20	56	0.08	<10	82	<10	4	50
97	L23N:26+00E	5	<.2	1.52	10	90	<5	0.67	<1	16	110	43	2.75	0.26	<10	1.36	453	<1	0.01	136	590	4	<5	<20	37	0.08	<10	92	<10	3	43
98	L23N:26+50E	<5	<.2	1.57	15	105	<5	1.17	<1	17	131	62	2.85	0.22	<10	1.85	435	<1	0.01	164	660	4	<5	<20	58	0.07	<10	86	<10	3	42
99	L23N:27+00E	<5	<.2	1.91	10	175	<5	0.86	<1	17	127	43	2.63	0.06	<10	1.80	459	<1	<.01	164	600	<2	<5	<20	62	0.06	<10	69	<10	4	38
100	L24N:15+00E	5	<.2	1.82	15	215	<5	1.84	<1	11	32	99	2.90	0.34	<10	0.79	433	<1	0.01	36	1040	4	<5	<20	106	0.06	<10	95	<10	6	63
101	L24N:15+50E	<5	<.2	1.98	20	235	<5	1.47	<1	14	38	113	3.35	0.32	<10	0.69	618	1	0.01	38	1000	4	<5	<20	86	0.07	<10	115	<10	7	65
102	L24N:16+00E	<5	<.2	2.02	20	235	<5	1.24	<1	14	37	106	3.37	0.26	<10	0.64	711	1	0.01	36	1000	6	<5	<20	85	0.08	<10	129	<10	7	72
103	L24N:16+50E	<5	<.2	1.66	15	240	<5	1.48	<1	14	50	94	3.21	0.22	<10	0.70	665	<1	0.01	50	1110	2	<5	<20	74	0.06	<10	98	<10	6	65
104	L24N:17+00E	5	<.2	1.61	15	230	<5	1.45	<1	13	43	86	3.27	0.12	<10	0.63	685	<1	0.01	38	990	4	<5	<20	80	0.07	<10	113	<10	6	67
105	L24N:17+50E	<5	<.2	1.88	15	175	<5	1.68	<1	12	36	83	2.90	0.37	<10	1.01	475	<1	0.01	39	860	4	<5	<20	111	0.06	<10	94	<10	6	62
106	L24N:18+00E	5	<.2	1.95	20	240	<5	1.34	<1	15	68	80	3.26	0.17	<10	0.85	639	<1	0.01	66	1030	2	<5	<20	79	0.07	<10	102	<10	6	58
107	L24N:18+50E	5	<.2	1.93	20	200	<5	1.15	<1	16	44	130	4.10	0.21	<10	0.79	631	<1	0.01	42	900	4	<5	<20	67	0.07	<10	120	<10	6	58
108	L24N:19+00E	5	<.2	1.98	15	240	<5	1.27	<1	15	36	120	3.71	0.09	<10	0.69	671	<1	0.01	37	880	2	<5	<20	67	0.07	<10	131	<10	6	62
109	L24N:19+50E	<5	<.2	1.55	15	235	<5	1.39	<1	14	45	84	3.45	0.19	<10	0.75	645	<1	0.01	46	1220	4	<5	<20	69	0.07	<10	111	<10	5	61
110	L24N:20+00E	5	<.2	1.58	15	175	<5	1.47	<1	16	53	89	3.79	0.03	<10	1.02	546	<1	0.01	60	1160	4	<5	<20	57	0.09	<10	118	<10	5	58
111	L24N:20+50E	10	<.2	1.39	15	185	<5	1.30	<1	15	54	86	3.76	<.01	<10	1.02	503	<1	0.01	65	1050	4	<5	<20	57	0.08	<10	120	<10	5	49
112	L24N:21+00E	15	<.2	1.82	15	190	<5	1.46	<1	16	39	210	4.05	0.07	<10	1.01	653	<1	0.01	47	1000	4	<5	<20	64	0.07	<10	105	<10	7	50
113	L24N:21+50E	<5	<.2	1.44	15	195	<5	1.16	<1	14	44	87	3.36	0.06	<10	0.72	568	<1	0.01	51	1110	4	<5	<20	53	0.07	<10	100	<10	5	56
114	L24N:22+00E	<5	<.2	1.67	20	225	<5	2.27	<1	14	42	120	3.60	<.01	<10	0.88	596	<1	0.01	49	1090	4	<5	<20	55	0.07	<10	112	<10	5	61
115	L24N:22+50E	<5	<.2	2.22	15	345	<5	1.84	<1	13	32	93	2.87	0.44	<10	0.56	783	<1	<.01	44	1310	4	<5	<20	81	0.06	<10	110	<10	8	70
116	L24N:23+00E	<5	<.2	1.86	15	320	<5	1.73	<1	13	32	109	2.79	0.16	<10	0.61	832	<1	<.01	48	1330	2	<5	<20	75	0.05	<10	95	<10	7	57
117	L24N:23+50E	<5	<.2	1.70	15	145	<5	1.01	<1	19	132	56	2.72	0.41	<10	2.27	440	<1	<.01	202	890	2	<5	<20	47	0.06	<10	76	<10	3	45
118	L24N:24+00E	<5	<.2	1.58	10	210	<5	1.03	<1	17	112	54	2.58	0.09	<10	1.45	514	<1	<.01	152	610	<2	<5	<20	62	0.06	<10	63	<10	3	43
119	L24N:24+50E	<5	<.2	1.58	25	125	<5	2.51	<1	17	93	58	2.97	0.13	<10	1.81	443	<1	0.01	137	810	2	<5	<20	75	0.07	<10	89	<10	4	55
120	L24N:25+00E	5	<.2	1.89	20	125	<5	0.78	<1	16	56	91	3.59	0.34	<10	0.94	561	<1	0.01	68	740	4	<5	<20	51	0.09	<10	122	<10	5	62
121	L24N:25+50E	<5	<.2	1.54	15	100	<5	0.76	<1	16	113	54	2.70	0.14	<10	1.75	393	<1	0.01	164	660	<2	<5	<20	44	0.07	<10	79	<10	3	39
122	L24N:26+00E	<5	<.2	1.54	10	75	<5	0.73	<1	18	144	50	2.74	0.21	<10	1.95	412	<1	0.01	189	570	2	<5	<20	36	0.08	<10	73	<10	3	38
123	L24N:26+50E	5	<.2	1.88	10	140	<5	0.80	<1	18	145	53	2.67	0.11	<10	2.08	404	<1	<.01	195	570	<2	<5	<20	62	0.07	<10	84	<10	3	39

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
124	L25N:16+50E	<5	<.2	1.68	15	265	<5	1.71	<1	13	40	86	3.03	0.14	<10	0.60	694	<1	0.01	42	1190	4	<5	<20	89	0.06	<10	101	<10	6	72
125	L25N:22+50E	<5	<.2	1.53	10	315	<5	1.99	<1	12	36	74	2.07	0.50	<10	0.67	644	<1	<.01	58	2150	6	<5	<20	150	0.04	<10	75	<10	5	92
126	L25N:24+00E	<5	<.2	1.82	15	200	<5	0.94	<1	17	97	69	2.74	0.22	<10	1.45	494	<1	<.01	144	890	2	<5	<20	60	0.06	<10	75	<10	4	50
127	L25N:24+50E	<5	<.2	1.59	10	115	<5	0.64	<1	18	107	54	2.70	0.18	<10	1.76	422	<1	0.01	177	660	<2	<5	<20	44	0.07	<10	80	<10	3	47
128	L25N:25+00E	15	<.2	1.53	10	105	<5	0.64	<1	15	80	47	2.89	0.34	<10	0.99	474	<1	0.01	94	660	4	<5	<20	39	0.09	<10	106	<10	5	52
129	L25N:25+50E	<5	<.2	1.74	15	130	<5	0.78	<1	18	133	55	2.77	0.23	<10	1.89	422	<1	<.01	186	580	<2	<5	<20	38	0.07	<10	75	<10	3	42
130	L25N:26+00E	<5	<.2	1.49	10	135	<5	1.13	<1	20	166	70	2.32	<.01	<10	3.15	338	<1	<.01	257	530	<2	<5	<20	71	0.05	<10	61	<10	2	29
131	L25N:26+50E	5	<.2	1.68	10	200	<5	1.25	<1	20	161	68	2.38	0.18	<10	3.06	359	<1	<.01	246	470	<2	<5	<20	136	0.05	<10	64	<10	2	32
132	L25N:27+00E	<5	<.2	0.99	5	255	<5	1.13	<1	12	66	80	1.34	0.14	<10	1.85	1352	<1	<.01	108	2020	<2	<5	<20	359	0.03	<10	59	<10	2	54
133	L26N:15+50E	<5	<.2	1.80	20	265	<5	1.87	<1	14	36	99	3.19	0.20	<10	0.62	770	1	0.01	40	1310	4	<5	<20	107	0.05	<10	79	<10	7	73
134	L26N:18+00E	<5	<.2	2.32	20	220	<5	1.32	<1	15	30	110	4.08	0.26	<10	0.92	686	<1	0.02	30	1050	4	<5	<20	66	0.07	<10	132	<10	7	60
135	L30N:12+00E	<5	<.2	1.91	20	240	<5	1.47	<1	15	38	98	3.58	0.18	<10	0.68	631	<1	0.01	41	1050	4	<5	<20	78	0.08	<10	119	<10	7	63
136	L30N:12+50E	<5	<.2	2.45	20	280	<5	1.47	<1	15	35	92	3.71	0.16	<10	0.61	648	1	0.01	35	980	4	<5	<20	92	0.08	<10	134	<10	8	63
137	L30N:13+00E	5	<.2	1.98	20	295	<5	2.02	<1	13	32	86	3.11	0.21	<10	0.56	667	<1	<.01	34	1130	4	<5	<20	97	0.06	<10	117	<10	6	69
138	L30N:13+50E	<5	<.2	2.39	20	260	<5	1.28	<1	14	44	92	3.48	0.21	<10	0.64	621	<1	0.01	45	980	4	<5	<20	69	0.08	<10	123	<10	7	63
139	L30N:14+00E	10	<.2	2.06	20	280	<5	1.57	<1	14	39	94	3.07	0.24	<10	0.62	686	1	0.01	39	1050	4	<5	<20	89	0.07	<10	103	<10	6	64
140	L30N:14+50E	<5	<.2	2.03	20	255	<5	1.50	<1	13	38	105	3.01	0.23	<10	0.60	627	<1	0.01	41	900	4	<5	<20	81	0.07	<10	115	<10	7	58
141	L30N:15+00E	5	<.2	2.13	20	240	<5	1.31	<1	14	39	122	3.32	0.20	<10	0.63	643	1	0.01	37	1090	4	<5	<20	76	0.07	<10	127	<10	7	62
142	L30N:15+50E	<5	<.2	1.67	20	225	<5	1.48	<1	14	39	118	3.17	0.18	<10	0.63	714	1	0.01	39	1040	4	<5	<20	73	0.07	<10	115	<10	6	64
143	L30N:16+00E	<5	<.2	2.01	20	225	<5	1.48	<1	14	36	98	3.47	0.30	<10	0.70	656	1	0.01	32	940	4	<5	<20	91	0.07	<10	129	<10	6	59
144	L31N:13+00E	<5	<.2	2.03	20	295	<5	1.72	<1	13	33	92	2.95	0.31	<10	0.55	649	<1	0.01	36	1100	4	<5	<20	90	0.07	<10	106	<10	6	65
145	L31N:13+50E	<5	<.2	2.12	25	220	<5	1.10	<1	15	45	146	3.51	0.19	<10	0.77	559	1	0.01	51	800	4	<5	<20	65	0.08	<10	123	<10	7	61
146	L31N:14+00E	5	<.2	1.94	15	270	<5	1.62	<1	14	37	113	3.20	0.13	<10	0.58	712	<1	0.01	37	1070	4	<5	<20	83	0.07	<10	125	<10	7	68
147	L31N:14+50E	5	<.2	1.86	20	205	<5	1.33	<1	14	40	130	3.41	0.23	<10	0.65	680	1	0.01	38	1010	6	<5	<20	69	0.07	<10	119	<10	7	62
148	L31N:15+00E	<5	<.2	1.81	20	270	<5	1.72	<1	13	40	101	3.16	0.15	<10	0.53	689	<1	0.01	39	1290	4	<5	<20	80	0.06	<10	98	<10	7	67
149	L31N:15+50E	<5	<.2	2.28	20	230	<5	1.35	<1	14	38	123	3.70	0.19	<10	0.66	617	<1	0.01	35	880	4	<5	<20	77	0.08	<10	138	<10	8	64
150	L31N:16+00E	<5	<.2	1.98	15	225	<5	1.51	<1	14	36	110	3.55	0.19	<10	0.65	647	<1	0.01	32	1020	4	<5	<20	79	0.07	<10	113	<10	7	59
151	L32N:13+00E	<5	<.2	2.02	20	245	<5	1.41	<1	14	38	109	3.15	0.21	<10	0.63	655	<1	0.01	38	990	4	<5	<20	84	0.07	<10	121	<10	7	65
152	L32N:13+50E	10	<.2	1.92	20	205	<5	1.00	<1	14	44	101	3.62	0.25	<10	0.74	619	1	0.01	37	770	6	<5	<20	64	0.09	<10	125	<10	7	70
153	L32N:14+00E	5	<.2	1.96	20	260	<5	1.14	<1	15	42	118	3.46	0.17	<10	0.62	764	2	0.01	45	1260	6	<5	<20	68	0.09	<10	123	<10	7	74
154	L32N:14+50E	<5	<.2	1.74	15	270	<5	2.10	<1	11	28	114	2.78	0.53	<10	0.56	627	1	<.01	30	1520	4	<5	<20	103	0.06	<10	115	<10	6	67
155	L32N:15+00E	<5	<.2	1.90	15	275	<5	1.67	<1	12	31	96	2.94	0.14	<10	0.56	737	<1	0.01	29	1090	4	<5	<20	92	0.06	<10	106	<10	6	66
156	L32N:15+50E	<5	<.2	2.05	25	225	<5	1.31	<1	15	41	120	3.93	0.16	<10	0.66	640	<1	0.01	36	900	6	<5	<20	72	0.08	<10	135	<10	8	74
157	L32N:16+00E	5	<.2	1.98	20	275	<5	1.73	<1	12	31	82	2.95	0.08	<10	0.47	615	<1	0.01	31	1220	2	<5	<20	84	0.06	<10	103	<10	6	60

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
158	L33N:13+00E	5	<.2	1.79	15	235	<5	1.46	<1	13	30	123	2.75	0.29	<10	0.64	676	1	<.01	34	920	4	<5	<20	93	0.06	<10	109	<10	6	67
164	L33N:13+50E	<5	<.2	1.68	20	260	<5	1.69	<1	13	35	118	3.00	0.14	<10	0.55	681	1	0.01	36	1090	4	<5	<20	83	0.06	<10	98	<10	6	64
160	L33N:14+00E	<5	<.2	1.85	20	300	<5	1.74	<1	13	29	110	3.16	0.18	<10	0.55	885	1	<.01	29	1190	6	<5	<20	95	0.06	<10	109	<10	8	97
161	L33N:14+50E	<5	<.2	1.70	25	270	<5	1.67	<1	14	31	144	3.41	0.09	<10	0.58	898	1	<.01	32	1220	6	<5	<20	82	0.06	<10	103	<10	7	102
162	L33N:15+00E	10	<.2	1.40	20	135	<5	1.33	<1	17	52	130	3.94	0.02	<10	1.05	588	1	0.01	62	960	4	<5	<20	50	0.07	<10	115	<10	6	65
163	L33N:15+50E	<5	<.2	1.27	15	210	<5	<.01	<1	12	47	73	2.71	0.01	<10	3.26	381	<1	0.01	47	1140	2	<5	<20	395	0.06	<10	92	<10	4	47
165	L33N:16+00E	<5	<.2	1.58	15	155	<5	1.05	<1	14	41	79	3.57	0.27	<10	1.19	561	<1	0.01	44	940	4	<5	<20	62	0.07	<10	95	<10	6	59
166	L33N:16+50E	<5	<.2	2.00	15	245	<5	<.01	<1	5	14	49	1.29	0.21	<10	<.01	305	<1	0.01	15	950	<2	<5	<20	618	0.05	<10	70	<10	4	60
167	L33N:17+00E	<5	<.2	2.61	25	300	<5	1.20	<1	16	44	113	3.75	0.13	<10	0.81	684	<1	0.01	67	840	4	<5	<20	64	0.09	<10	135	<10	10	70
168	L33N:17+50E	15	<.2	2.16	20	220	<5	1.30	<1	18	42	104	3.86	0.33	<10	0.90	799	1	0.01	48	880	4	<5	<20	73	0.08	<10	124	<10	7	70
169	L33N:18+00E	<5	<.2	2.11	20	295	<5	1.75	<1	16	30	145	3.81	0.09	<10	0.72	836	<1	0.01	46	1310	4	<5	<20	72	0.06	<10	128	<10	9	61
170	L33N:18+50E	5	<.2	2.43	20	320	<5	1.12	<1	15	37	109	3.40	0.10	<10	0.65	764	<1	0.01	51	960	4	<5	<20	54	0.09	<10	132	<10	8	69
171	L33N:19+00E	<5	<.2	2.23	20	330	<5	1.38	<1	15	31	127	2.99	0.22	<10	0.66	836	<1	<.01	50	1080	4	<5	<20	63	0.07	<10	111	<10	8	64
172	L33N:19+50E	<5	<.2	2.00	15	295	<5	1.41	<1	15	32	104	3.06	0.22	<10	0.63	871	<1	<.01	46	1130	4	<5	<20	71	0.08	<10	127	<10	7	76
173	L33N:20+00E	5	<.2	2.35	20	230	<5	0.81	<1	16	41	77	3.73	0.08	<10	0.67	656	<1	0.01	49	350	4	<5	<20	36	0.11	<10	134	<10	5	51
174	L33N:20+50E	<5	<.2	3.78	40	130	<5	2.33	<1	28	16	69	7.74	0.10	<10	2.44	812	1	0.02	36	970	2	<5	<20	72	0.12	10	220	10	2	91
175	L33N:21+00E	<5	<.2	2.15	15	155	<5	0.98	<1	21	154	98	3.33	0.31	<10	2.37	442	<1	0.01	184	750	<2	<5	<20	52	0.05	<10	86	<10	3	43
176	L33N:21+50E	<5	<.2	1.86	15	120	<5	0.76	<1	20	129	65	2.89	0.15	<10	2.07	463	<1	0.01	175	650	<2	<5	<20	49	0.06	<10	77	<10	3	46
177	L33N:22+00E	<5	<.2	2.20	20	285	<5	1.11	<1	16	44	178	3.36	0.06	<10	0.94	671	<1	0.01	62	950	4	<5	<20	60	0.07	<10	110	<10	8	61
178	L33N:22+50E	<5	<.2	1.77	15	245	<5	1.56	<1	15	50	102	2.54	0.26	<10	0.93	698	<1	<.01	74	1170	4	<5	<20	98	0.05	<10	96	<10	5	58
179	L33N:23+50E	<5	<.2	2.18	15	265	<5	1.35	<1	18	80	118	2.61	0.15	<10	1.62	567	<1	<.01	147	820	<2	<5	<20	59	0.05	<10	92	<10	5	56
180	L33N:24+20E	<5	<.2	2.07	15	325	<5	1.42	<1	15	43	135	2.53	0.19	<10	0.87	734	<1	<.01	77	1130	2	<5	<20	69	0.05	<10	98	<10	7	61
181	L33N:24+50E	5	<.2	2.13	10	335	<5	1.71	<1	13	29	111	2.47	0.11	<10	0.55	744	<1	<.01	48	1200	2	<5	<20	72	0.06	<10	112	<10	8	60
182	L34N:13+00E	<5	<.2	1.61	15	215	<5	1.06	<1	20	67	132	3.80	0.03	<10	1.89	545	<1	0.01	152	750	<2	<5	<20	40	0.06	<10	106	<10	4	55
183	L34N:13+50E	<5	<.2	1.63	20	245	<5	1.18	<1	21	68	156	3.90	0.13	<10	1.45	624	<1	0.01	155	820	4	<5	<20	48	0.05	<10	104	<10	5	63
184	L34N:14+00E	<5	<.2	1.85	20	240	<5	1.16	<1	16	56	123	4.01	0.05	<10	0.87	552	<1	0.01	88	880	4	<5	<20	56	0.06	<10	119	<10	7	65
185	L34N:14+50E	<5	<.2	2.05	20	295	<5	1.35	<1	15	40	138	3.40	0.23	<10	0.75	705	<1	0.01	63	1050	4	<5	<20	65	0.07	<10	126	<10	9	65
186	L34N:15+00E	5	<.2	1.81	15	240	<5	1.23	<1	15	41	138	3.25	0.18	<10	0.72	593	<1	<.01	71	970	6	<5	<20	60	0.06	<10	107	<10	7	66
187	L34N:15+50E	<5	<.2	1.89	15	255	<5	1.01	<1	14	38	107	3.10	0.13	<10	0.75	537	<1	0.01	59	860	4	<5	<20	55	0.07	<10	113	<10	7	55
188	L34N:16+00E	<5	<.2	2.18	20	290	<5	0.99	<1	15	40	1[illegible]4	3.52	0.12	<10	0.81	661	<1	0.01	63	870	4	<5	<20	52	0.08	<10	134	<10	9	59
189	L34N:16+50E	<5	<.2	2.37	20	320	<5	1.25	<1	16	36	128	3.50	<.01	<10	0.74	732	1	0.01	49	960	6	<5	<20	58	0.09	<10	128	<10	8	67
190	L34N:17+00E	<5	<.2	1.91	20	240	<5	1.34	<1	14	36	102	3.38	0.15	<10	0.70	689	1	0.01	44	1160	6	<5	<20	53	0.07	<10	110	<10	8	59
191	L34N:17+50E	<5	<.2	1.93	25	320	<5	1.60	<1	23	28	104	4.19	<.01	<10	1.04	965	1	0.01	45	1210	8	<5	<20	72	0.05	<10	100	<10	9	59
192	L34N:18+00E	<5	<.2	2.50	20	275	<5	1.32	<1	14	20	73	3.23	0.10	<10	0.84	733	<1	0.01	21	770	4	<5	<20	58	0.06	<10	109	<10	7	62
193	L34N:18+50E	<5	<.2	2.04	20	255	<5	1.12	<1	15	41	120	3.86	0.10	<10	0.74	664	<1	0.01	52	940	6	<5	<20	53	0.08	<10	114	<10	8	67
194	L34N:19+00E	5	<.2	1.89	20	245	<5	1.21	<1	15	29	111	3.69	0.22	<10	0.63	717	<1	0.01	35	1100	8	<5	<20	63	0.08	<10	127	<10	8	62
195	L34N:19+50E	<5	<.2	1.79	15	240	<5	1.15	<1	13	31	94	3.10	0.15	<10	0.52	641	<1	0.01	38	1080	4	<5	<20	59	0.08	<10	105	<10	7	57
196	L34N:20+00E	<5	<.2	1.88	15	260	<5	1.18	<1	15	35	110	3.28	0.21	<10	0.67	696	<1	0.01	48	1000	6	<5	<20	58	0.08	<10	117	<10	7	63
197	L34N:20+50E	<5	<.2	1.33	15	190	<5	1.35	<1	14	43	107	3.63	0.02	<10	0.88	537	<1	0.01	59	1060	6	<5	<20	48	0.06	<10	99	<10	6	53
198	L34N:21+00E	<5	<.2	1.01	15	185	<5	<.01	<1	11	29	90	2.56	0.12	<10	1.31	382	<1	<.01	31	1100	4	<5	<20	384	0.05	<10	87	<10	4	51
199	L34N:21+50E	5	<.2	1.20	15	170	<5	1.07	<1	13	44	71	3.31	0.13	<10	0.54	562	<1	0.01	42	960	8	<5	<20	49	0.07	<10	92	<10	5	54
200	L34N:22+50E	<5	<.2	1.63	20	220	<5	1.13	<1	14	41	80	3.31	0.20	<10	0.57	611	<1	0.01	42	940	6	<5	<20	57	0.08	<10	108	<10	6	62
201	L34N:23+50E	5	<.2	1.42	20	180	<5	1.20	<1	13	42	91	3.26	0.19	<10	0.54	499	<1	0.01	44	1120	6	<5	<20	56	0.07	<10	92	<10	6	64
202	L34N:24+00E	<5	<.2	1.53	20	210	<5	1.13	<1	13	41	60	3.21	0.19	<10	0.48	609	<1	0.01	36	970	6	<5	<20	54	0.08	<10	97	<10	6	62
203	L34N:24+50E	<5	<.2	1.74	25	210	<5	1.19	<1	16	55	225	3.88	0.14	<10	0.71	690	1	0.01	52	1030	8	<5	<20	59	0.09	<10	121	<10	7	70

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
204	L35N:13+00E	5	<.2	1.83	20	265	<5	<.01	<1	20	54	184	4.13	<.01	<10	1.75	604	<1	0.01	118	920	4	<5	<20	59	0.08	<10	108	<10	5	62
205	L35N:13+50E	5	<.2	1.79	20	230	<5	1.20	<1	18	55	165	3.49	0.07	<10	1.36	575	<1	0.01	135	920	4	<5	<20	46	0.06	<10	93	<10	6	58
206	L35N:14+00E	<5	<.2	2.62	20	335	<5	1.39	<1	13	31	91	3.04	0.25	<10	0.60	683	<1	0.01	58	1180	4	<5	<20	60	0.09	<10	128	<10	10	58
207	L35N:14+50E	5	<.2	1.36	15	170	<5	0.97	<1	14	56	85	3.49	0.17	<10	0.81	472	<1	0.01	67	900	6	<5	<20	47	0.08	<10	86	<10	6	57
208	L35N:15+00E	<5	<.2	2.11	25	285	<5	1.63	<1	18	45	227	4.17	<.01	<10	1.16	761	1	0.01	74	1050	6	<5	<20	46	0.08	<10	116	<10	8	70
209	L35N:15+50E	<5	<.2	2.02	20	275	<5	1.11	<1	15	38	101	3.37	0.10	<10	0.76	667	<1	0.01	53	850	6	<5	<20	56	0.09	<10	115	<10	7	66
210	L35N:16+00E	<5	<.2	1.95	20	220	<5	1.12	<1	17	63	122	4.08	0.13	<10	0.90	631	<1	0.01	89	960	6	<5	<20	50	0.08	<10	121	<10	8	72
211	L35N:16+50E	<5	<.2	1.44	15	150	<5	1.24	<1	15	51	101	3.28	0.31	<10	1.17	503	<1	<.01	75	920	4	<5	<20	57	0.07	<10	93	<10	5	63
212	L35N:17+00E	<5	<.2	1.44	10	190	<5	<.01	<1	9	26	75	2.20	0.47	<10	3.40	324	<1	<.01	36	950	4	<5	<20	350	0.06	<10	53	<10	4	57
213	L35N:17+50E	<5	<.2	1.99	20	260	<5	1.25	<1	17	40	121	3.63	0.09	<10	0.78	790	<1	0.01	57	950	6	<5	<20	56	0.09	<10	105	<10	7	69
214	L35N:18+00E	10	<.2	2.07	15	225	<5	1.53	<1	13	21	134	3.78	0.12	<10	0.56	835	<1	0.01	21	1010	8	<5	<20	56	0.07	<10	116	<10	9	61
215	L35N:18+50E	5	<.2	1.51	20	160	<5	1.02	<1	13	32	105	3.65	0.19	<10	0.77	549	<1	0.01	32	1010	6	<5	<20	50	0.08	<10	100	<10	6	53
216	L35N:19+00E	<5	<.2	2.00	25	235	<5	1.48	<1	15	28	129	4.03	0.17	<10	0.74	731	1	0.01	30	1050	8	<5	<20	67	0.09	<10	115	<10	10	61
217	L35N:19+50E	<5	<.2	1.56	20	180	<5	1.27	<1	14	38	136	3.87	0.04	<10	0.70	564	<1	0.01	37	850	8	<5	<20	54	0.08	<10	104	<10	7	54
218	L35N:20+00E	<5	<.2	1.82	20	180	<5	0.99	<1	14	46	86	4.05	0.07	<10	0.52	648	1	0.01	32	930	8	<5	<20	46	0.10	<10	116	<10	7	58
219	L35N:20+50E	<5	<.2	1.57	25	145	<5	1.17	<1	14	35	126	3.81	0.13	<10	0.73	556	1	0.01	36	1060	8	<5	<20	65	0.09	<10	110	<10	7	54
220	L35N:21+00E	<5	<.2	1.25	15	130	<5	0.85	<1	13	42	68	3.38	0.14	<10	0.64	493	<1	0.01	42	840	8	<5	<20	46	0.09	<10	105	<10	6	48
221	L35N:22+00E	5	<.2	1.21	20	170	<5	1.24	<1	15	46	112	3.96	0.08	<10	0.60	574	<1	0.01	45	990	6	<5	<20	48	0.07	<10	94	<10	6	58
222	L35N:22+50E	<5	<.2	1.82	20	210	<5	1.17	<1	15	50	68	3.59	0.22	<10	0.63	624	<1	0.01	54	980	6	<5	<20	56	0.07	<10	116	<10	7	75
223	L35N:23+00E	<5	<.2	2.14	20	215	<5	1.07	<1	16	51	65	4.13	0.27	<10	0.68	732	<1	0.01	47	1130	8	<5	<20	65	0.11	<10	145	<10	9	86
224	L35N:23+50E	<5	<.2	1.85	20	320	<5	1.97	<1	16	44	88	3.73	0.33	<10	0.59	932	1	0.01	45	1500	8	<5	<20	87	0.08	<10	115	<10	7	79
225	L35N:24+00E	5	<.2	1.40	15	175	<5	1.71	<1	13	41	73	3.14	0.38	<10	0.75	657	1	<.01	42	1110	6	<5	<20	89	0.06	<10	90	<10	6	63
226	L36N:13+00E	<5	<.2	1.63	15	190	<5	1.37	<1	13	40	104	3.69	0.18	<10	0.73	489	<1	0.01	59	970	6	<5	<20	55	0.06	<10	105	<10	8	68
227	L36N:13+50E	10	<.2	2.06	20	270	<5	1.17	<1	15	41	116	3.89	0.04	<10	0.75	611	<1	0.01	58	880	8	<5	<20	55	0.08	<10	128	<10	7	66
228	L36N:14+00E	<5	<.2	2.36	25	310	<5	1.37	<1	18	50	142	4.54	<.01	<10	1.07	771	<1	0.01	76	1000	6	<5	<20	59	0.10	<10	138	<10	9	77
229	L36N:14+50E	<5	<.2	2.26	20	310	<5	1.19	<1	15	34	115	3.52	0.02	<10	0.76	695	<1	0.01	52	820	6	<5	<20	57	0.09	<10	128	<10	8	60
230	L36N:17+50E	<5	<.2	1.77	20	240	<5	1.24	<1	15	43	135	3.97	0.10	<10	0.86	634	<1	0.01	60	910	8	<5	<20	48	0.06	<10	101	<10	8	66
231	L36N:18+00E	<5	<.2	1.90	20	240	<5	1.26	<1	14	34	100	3.49	0.26	<10	0.67	655	<1	0.01	52	980	6	<5	<20	59	0.07	<10	113	<10	9	58
232	L36N:18+50E	<5	<.2	1.73	20	210	<5	1.05	<1	13	36	106	3.67	0.21	<10	0.60	588	1	0.01	34	810	6	<5	<20	56	0.09	<10	125	<10	8	58
233	L36N:19+00E	<5	<.2	1.59	20	200	<5	1.29	<1	13	34	86	3.49	0.23	<10	0.61	616	1	0.01	32	1050	8	<5	<20	58	0.09	<10	99	<10	6	61
234	L36N:19+50E	<5	<.2	1.57	20	210	<5	1.32	<1	13	33	1[illegible]2	3.30	0.25	<10	0.54	628	<1	0.01	33	1040	8	<5	<20	56	0.08	<10	94	<10	6	58
235	L36N:20+00E	<5	<.2	1.98	20	230	<5	1.13	<1	15	31	119	3.55	0.16	<10	0.49	738	<1	0.01	27	920	8	<5	<20	52	0.09	<10	103	<10	8	61
236	L36N:20+50E	<5	<.2	2.22	15	230	<5	0.95	<1	14	29	93	3.53	0.05	<10	0.46	601	<1	0.01	23	580	8	<5	<20	47	0.11	<10	138	<10	8	53
237	L36N:21+50E	<5	<.2	1.41	20	190	<5	1.34	<1	14	46	95	3.55	0.12	<10	0.65	551	<1	0.01	47	1020	6	<5	<20	54	0.07	<10	93	<10	6	56
238	L36N:22+00E	<5	<.2	1.10	10	215	<5	1.05	<1	11	32	62	2.82	0.23	<10	0.45	548	<1	<.01	37	980	6	<5	<20	43	0.05	<10	90	<10	6	51
239	L36N:22+50E	<5	<.2	1.04	10	175	<5	0.96	<1	10	24	49	2.26	0.16	<10	0.35	463	<1	<.01	29	780	6	<5	<20	44	0.05	<10	72	<10	5	51
240	L36N:23+00E	<5	<.2	1.03	15	175	<5	1.04	<1	11	25	54	2.48	0.19	<10	0.39	545	<1	<.01	30	830	10	<5	<20	49	0.05	<10	62	<10	5	56
241	L36N:23+50E	<5	<.2	1.10	15	180	<5	1.06	<1	11	28	49	2.44	0.29	<10	0.41	560	<1	<.01	31	780	6	<5	<20	54	0.05	<10	72	<10	5	55

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Repeat:																														
1	L20N:15+00E	<.2	1.73	15	185	<5	0.88	<1	14	44	89	3.50	0.19	<10	0.69	559	<1	0.01	41	1000	4	<5	<20	58	0.09	<10	126	<10	7	61
39	L21N:21+00E	<.2	1.65	15	140	<5	0.77	<1	14	53	64	3.36	0.31	<10	0.73	645	1	0.02	39	1030	4	<5	<20	53	0.10	<10	105	<10	6	57
77	L23N:16+00E	<.2	1.76	15	225	<5	1.33	<1	14	38	91	3.24	0.28	<10	0.57	660	1	0.01	36	980	4	<5	<20	73	0.08	<10	119	<10	7	62
115	L24N:22+50E	<.2	2.15	15	335	<5	1.86	<1	13	30	91	2.83	0.41	<10	0.55	767	<1	<.01	44	1280	4	<5	<20	79	0.06	<10	101	<10	8	69
153	L32N:14+00E	<.2	1.80	20	240	<5	1.12	<1	15	39	111	3.30	0.19	<10	0.58	725	1	0.01	42	1200	6	<5	<20	63	0.08	<10	121	<10	6	71
191	L34N:17+50E	<.2	1.82	25	305	<5	1.67	<1	23	26	102	4.30	0.02	<10	1.01	964	1	0.01	48	1190	8	<5	<20	67	0.05	<10	85	<10	9	58
229	L36N:14+50E	<.2	2.16	15	295	<5	1.10	<1	12	32	110	3.40	<.01	<10	0.73	685	<1	<.01	50	780	8	<5	<20	54	0.07	<10	120	<10	6	55
Standard 1991:																														
		1.2	1.91	80	160	<5	1.95	<1	22	68	82	4.39	0.36	<10	1.02	658	<1	0.01	23	700	22	<5	<20	56	0.10	<10	83	<10	6	74
		1.3	1.88	75	160	<5	1.93	<1	20	66	80	4.32	0.36	<10	1.02	647	<1	0.01	23	690	18	<5	<20	56	0.11	<10	83	<10	5	91
		1.2	1.81	80	155	<5	1.94	<1	20	65	83	4.16	0.36	<10	1.00	634	<1	0.01	23	680	18	<5	<20	55	0.11	<10	82	<10	5	76
		1.2	1.73	80	150	<5	1.94	<1	17	64	87	4.05	0.36	<10	1.00	706	<1	0.01	23	660	20	<5	<20	56	0.10	<10	82	<10	5	76
		1.2	1.69	80	150	<5	1.94	<1	20	70	83	4.12	0.36	<10	1.02	708	<1	0.01	22	670	22	<5	<20	54	0.10	<10	82	<10	5	76
		1.2	1.78	80	160	<5	1.96	<1	20	65	88	4.40	0.35	<10	1.04	710	1	0.01	23	670	20	<5	<20	60	0.11	<10	83	<10	7	76
		1.2	1.84	65	160	<5	1.93	<1	20	67	72	3.96	0.39	<10	1.02	706	<1	<.01	24	690	22	<5	<20	58	0.09	<10	79	<10	7	76

* No sample
+ Results to follow A.S.A.P.

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

XLS/teck

Et #.	Tag #	Au(ppb)	Ag	Al %	As	B	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
68	L25N:15+00E	5	<.2	1.94	<5	10	245	<5	1.07	<1	15	37	100	3.11	0.30	<10	0.58	636	<1	0.01	29	890	6	<5	<20	83	0.07	<10	76	<10	11	50
69	L25N:15+50E	<5	<.2	1.69	<5	12	210	<5	1.30	<1	12	31	93	2.66	0.33	<10	0.71	510	<1	0.02	26	850	6	5	<20	109	0.05	<10	64	<10	9	48
70	L25N:16+00E	<5	<.2	1.95	<5	10	300	<5	1.09	<1	14	34	81	2.64	0.22	<10	0.57	770	<1	0.01	30	1230	8	<5	<20	107	0.04	<10	61	<10	9	68
71	L25N:17+00E	5	<.2	1.79	<5	14	170	<5	1.11	<1	13	37	90	2.60	0.30	<10	1.11	518	<1	0.06	30	1100	6	15	<20	107	0.05	<10	51	<10	9	57
72	L25N:17+50E	<5	<.2	1.76	<5	14	175	5	0.64	<1	15	43	85	3.08	0.36	<10	0.63	628	<1	0.03	31	980	6	<5	<20	68	0.07	<10	73	<10	11	52
73	L25N:18+00E	<5	<.2	1.93	<5	10	215	<5	0.66	<1	15	41	110	3.26	0.24	<10	0.68	621	<1	0.03	31	910	6	5	<20	65	0.07	<10	85	<10	11	45
74	L25N:18+50E	5	<.2	2.37	<5	10	295	<5	1.03	<1	19	42	187	4.04	0.23	<10	1.00	700	<1	0.02	36	1170	6	5	<20	81	0.07	<10	112	<10	11	49
75	L25N:19+00E	<5	<.2	2.31	<5	10	295	<5	1.09	<1	17	37	121	3.50	0.26	<10	0.71	746	<1	0.02	28	1040	6	<5	<20	71	0.06	<10	92	<10	11	53
76	L25N:19+50E	10	<.2	1.50	<5	12	205	<5	5.02	<1	15	44	102	3.08	0.19	<10	1.20	503	<1	0.02	42	1240	<2	10	<20	169	0.07	<10	92	<10	10	39
77	L25N:20+00E	<5	<.2	1.61	<5	12	165	5	2.29	<1	18	60	86	3.70	0.19	<10	1.32	589	<1	0.03	46	1290	6	10	<20	88	0.11	<10	104	<10	12	46
78	L25N:20+50E	<5	<.2	1.54	<5	10	155	<5	3.19	<1	18	63	95	3.67	0.15	<10	1.88	575	<1	0.07	54	1230	2	15	<20	151	0.11	<10	103	<10	12	42
79	L25N:21+00E	10	<.2	1.83	<5	12	230	<5	1.14	<1	16	50	216	3.40	0.18	<10	0.84	786	<1	0.02	37	1280	8	5	<20	75	0.07	<10	89	<10	11	47
80	L25N:21+50E	<5	<.2	2.05	<5	8	250	<5	0.73	<1	15	50	96	3.22	0.24	<10	0.62	845	<1	0.01	37	1080	6	<5	<20	54	0.07	<10	72	<10	9	59
81	L25N:22+00E	<5	<.2	2.11	<5	12	275	<5	1.20	<1	14	38	89	2.73	0.27	<10	0.62	681	<1	0.02	38	1170	6	5	<20	120	0.06	<10	60	<10	10	45
82	L26N:15+00E	<5	<.2	2.01	<5	12	265	<5	1.33	<1	15	37	125	3.04	0.32	<10	0.62	665	<1	0.02	29	1180	6	<5	<20	104	0.07	<10	72	<10	11	55
83	L26N:15+50E	10	<.2	1.98	<5	12	230	<5	1.03	<1	18	60	127	3.63	0.30	<10	0.81	679	<1	0.02	45	1000	6	5	<20	82	0.08	<10	94	<10	11	51
84	L26N:16+00E	20	<.2	2.33	<5	12	305	<5	1.32	<1	16	50	123	3.64	0.32	<10	0.73	654	<1	0.02	37	1140	6	<5	<20	90	0.07	<10	93	<10	12	63
85	L26N:17+00E	<5	<.2	2.11	<5	16	190	<5	0.88	<1	17	44	95	3.56	0.36	<10	0.91	751	1	0.03	31	1080	8	<5	<20	114	0.08	<10	91	<10	11	63
86	L26N:17+50E	<5	<.2	2.14	<5	10	200	5	0.67	<1	16	57	101	3.49	0.25	<10	0.75	634	<1	0.03	36	900	6	5	<20	72	0.09	<10	84	<10	12	47
87	L26N:18+50E	10	<.2	2.54	<5	10	250	<5	0.84	<1	16	34	141	3.82	0.24	<10	0.78	665	<1	0.05	22	930	8	<5	<20	73	0.09	<10	103	<10	12	46
88	L26N:19+00E	<5	<.2	2.20	<5	12	265	<5	2.21	<1	16	26	181	3.76	0.22	<10	1.25	846	<1	0.02	21	1350	4	5	<20	85	0.05	<10	93	<10	10	43
89	L26N:19+50E	<5	<.2	1.84	<5	10	210	<5	0.90	<1	17	55	109	3.62	0.28	<10	1.02	623	<1	0.02	44	1130	6	<5	<20	63	0.08	<10	95	<10	11	45
90	L26N:20+00E	<5	<.2	1.57	<5	12	210	<5	3.37	<1	17	60	91	3.57	0.19	<10	1.49	558	<1	0.03	50	1290	2	10	<20	127	0.10	<10	103	<10	11	41
91	L26N:20+50E	<5	<.2	2.39	<5	8	215	<5	0.71	<1	17	57	125	3.61	0.18	<10	0.76	600	<1	0.02	38	870	8	<5	<20	51	0.11	<10	86	<10	13	42
92	L26N:21+00E	25	<.2	2.17	<5	14	210	<5	2.03	<1	17	14	492	2.97	0.25	<10	1.14	1275	<1	0.02	14	1150	4	5	<20	88	0.04	<10	59	<10	11	39
93	L26N:21+50E	<5	<.2	1.59	<5	10	240	<5	1.02	<1	17	53	105	3.67	0.24	<10	0.71	719	<1	0.01	47	1190	4	<5	<20	53	0.07	<10	98	<10	10	46
94	L26N:22+00E	<5	<.2	1.84	<5	12	215	<5	0.89	<1	16	59	101	3.59	0.26	<10	0.74	650	<1	0.02	52	1040	4	<5	<20	80	0.07	<10	91	<10	10	50
95	L26N:23+00E	5	<.2	1.86	<5	20	150	<5	2.44	<1	20	113	163	3.81	0.48	<10	1.68	561	1	0.04	100	1230	4	15	<20	130	0.06	<10	95	<10	10	42
96	L26N:24+00E	<5	<.2	1.98	<5	16	205	<5	0.89	<1	17	68	88	3.23	0.39	<10	1.13	560	<1	0.04	74	990	6	5	<20	123	0.08	<10	73	<10	11	50
97	L26N:24+50E	<5	<.2	1.96	<5	14	140	5	0.80	<1	19	113	76	3.38	0.34	<10	1.48	565	<1	0.08	104	850	6	5	<20	90	0.10	<10	77	<10	12	47
98	L26N:25+00E	<5	<.2	2.62	<5	16	225	10	0.99	<1	36	405	71	4.23	0.34	<10	4.61	616	<1	0.03	383	610	4	15	260	80	0.10	<10	87	<10	9	44
99	L26N:25+50E	<5	<.2	3.01	<5	14	200	5	0.93	<1	39	355	61	4.16	0.27	<10	5.03	680	<1	0.02	400	610	4	20	200	94	0.08	<10	79	<10	8	42
100	L26N:26+00E	<5	<.2	2.75	<5	30	150	15	0.83	<1	34	321	51	3.95	0.68	<10	4.44	613	<1	0.15	345	720	4	15	180	79	0.10	<10	79	<10	9	42
101	L26N:26+50E	<5	<.2	2.28	<5	28	135	<5	0.70	<1	24	182	47	2.90	0.50	<10	4.51	567	<1	0.18	240	900	4	15	60	64	0.07	<10	52	<10	7	44

Et #.	Tag #	Au(ppb)	Ag	Al %	As	B	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
102	L27N:14+00E	<5	<.2	2.29	<5	10	245	<5	0.87	<1	17	48	116	3.59	0.31	<10	0.80	669	<1	0.02	38	910	6	<5	<20	78	0.08	<10	90	<10	12	53
103	L27N:14+50E	<5	<.2	2.25	<5	12	290	<5	1.24	<1	15	41	112	3.19	0.36	<10	0.65	635	<1	0.02	31	1080	8	5	<20	101	0.07	<10	77	<10	11	50
104	L27N:15+00E	5	<.2	2.09	<5	12	280	<5	1.19	<1	17	53	111	3.43	0.32	<10	0.75	734	<1	0.02	41	1090	4	<5	<20	97	0.07	<10	87	<10	10	52
105	L27N:15+50E	<5	<.2	2.26	<5	10	325	<5	0.91	<1	19	50	99	3.94	0.32	<10	0.74	765	<1	0.03	36	1160	6	<5	<20	94	0.08	<10	97	<10	12	74
106	L27N:16+00E	<5	<.2	2.15	<5	10	315	<5	1.23	<1	15	41	93	3.07	0.29	<10	0.55	766	<1	0.02	34	1340	6	<5	<20	89	0.06	<10	69	<10	10	68
107	L27N:16+50E	<5	<.2	2.07	<5	12	270	<5	1.12	<1	21	53	125	3.80	0.32	<10	0.73	668	<1	0.02	49	1380	6	<5	<20	91	0.07	<10	90	<10	12	61
108	L27N:17+00E	10	<.2	1.86	<5	24	150	<5	2.54	<1	14	43	115	3.00	0.50	<10	2.74	552	1	0.14	29	1660	4	15	<20	332	0.07	<10	82	<10	10	49
109	L27N:17+50E	5	<.2	2.38	<5	14	180	<5	1.60	<1	17	48	164	3.71	0.33	<10	1.18	636	2	0.04	37	1280	6	10	<20	111	0.09	<10	102	<10	13	44
110	L27N:18+00E	<5	<.2	2.43	<5	24	270	<5	2.08	<1	16	34	183	3.83	0.91	<10	1.73	667	<1	0.18	24	1580	4	10	<20	155	0.07	<10	94	<10	11	53
111	L27N:18+50E	<5	<.2	2.19	<5	14	265	<5	1.20	<1	16	37	130	3.56	0.40	<10	0.85	822	<1	0.02	25	1340	6	<5	<20	86	0.07	<10	95	<10	10	47
112	L27N:19+00E	<5	<.2	2.31	<5	12	280	<5	1.55	<1	20	43	159	4.81	0.24	<10	1.19	709	<1	0.02	32	1290	6	5	<20	94	0.08	<10	144	<10	12	38
113	L27N:19+50E	<5	<.2	1.42	<5	12	180	<5	0.76	<1	16	67	80	3.45	0.21	<10	0.84	531	<1	0.02	49	980	4	<5	<20	57	0.07	<10	92	<10	9	38
114	L27N:20+00E	<5	<.2	1.50	<5	12	240	<5	1.05	<1	16	63	97	3.37	0.22	<10	0.71	568	<1	0.02	48	1100	4	<5	<20	69	0.06	<10	89	<10	8	39
115	L27N:20+50E	<5	<.2	1.50	<5	14	215	<5	1.27	<1	14	52	103	3.07	0.29	<10	0.73	600	<1	0.02	37	1140	4	<5	<20	91	0.06	<10	78	<10	8	36
116	L27N:21+50E	<5	<.2	1.17	<5	10	170	<5	2.18	<1	16	66	77	3.70	0.11	<10	1.01	516	<1	0.02	48	1060	<2	<5	<20	83	0.07	<10	109	<10	9	33
117	L27N:22+00E	<5	<.2	1.46	<5	12	185	<5	1.03	<1	17	65	92	4.02	0.23	<10	0.81	605	<1	0.02	53	1110	2	<5	<20	57	0.07	<10	111	<10	9	41
118	L27N:22+50E	5	<.2	1.76	<5	22	160	5	2.45	<1	18	81	95	3.34	0.54	<10	2.23	545	1	0.39	74	1040	2	15	<20	203	0.10	<10	78	<10	12	41
119	L27N:23+00E	20	<.2	1.79	<5	16	205	<5	1.41	<1	18	91	134	3.78	0.29	<10	1.23	589	<1	0.15	76	1010	2	10	<20	76	0.07	<10	96	<10	10	41
120	L27N:23+50E	10	<.2	1.89	<5	16	150	<5	0.79	<1	18	66	105	3.34	0.32	<10	0.97	610	<1	0.04	65	960	6	<5	<20	123	0.09	<10	79	<10	11	49
121	L27N:24+00E	<5	<.2	1.79	<5	16	145	<5	0.69	<1	18	78	69	3.37	0.42	<10	1.03	612	<1	0.07	58	830	6	5	<20	82	0.10	<10	80	<10	11	48
122	L27N:24+50E	<5	<.2	2.31	<5	16	225	<5	1.55	<1	28	190	108	3.92	0.25	<10	2.79	640	<1	0.02	230	1030	4	10	40	85	0.08	<10	93	<10	10	46
123	L27N:25+00E	<5	<.2	2.69	<5	14	305	5	1.35	<1	23	132	67	3.01	0.29	<10	2.24	685	<1	0.02	187	1270	6	15	20	98	0.06	<10	57	<10	9	52
124	L28N:12+50E	<5	<.2	2.23	<5	14	290	<5	1.23	<1	16	45	96	3.21	0.39	<10	0.73	654	<1	0.02	37	1130	6	<5	<20	107	0.07	<10	80	<10	10	53
125	L28N:13+00E	<5	<.2	2.43	<5	10	250	<5	0.73	<1	18	55	105	3.69	0.32	<10	0.74	683	<1	0.02	39	910	8	<5	<20	80	0.10	<10	91	<10	13	57
126	L28N:13+50E	5	<.2	2.28	<5	10	235	<5	0.90	<1	18	51	112	3.72	0.31	<10	0.77	664	<1	0.02	36	820	6	<5	<20	78	0.10	<10	90	<10	13	53
127	L28N:14+00E	<5	<.2	2.25	<5	12	345	<5	1.16	<1	16	42	93	3.16	0.36	<10	0.61	723	<1	0.02	33	1150	6	<5	<20	105	0.07	<10	74	<10	11	54
128	L28N:14+50E	<5	<.2	2.82	<5	10	320	5	0.89	<1	25	55	91	5.20	0.29	<10	0.87	689	2	0.02	54	1080	6	<5	<20	93	0.09	<10	115	<10	13	68
129	L28N:15+00E	<5	<.2	2.32	<5	10	295	<5	1.06	<1	17	56	104	3.52	0.29	<10	0.65	686	<1	0.02	41	1340	6	5	<20	76	0.07	<10	84	<10	10	61
130	L28N:15+50E	<5	<.2	2.34	<5	12	320	<5	1.03	<1	21	45	108	3.93	0.29	<10	0.73	839	2	0.02	46	1150	8	<5	<20	90	0.07	<10	84	<10	11	67
131	L28N:16+00E	<5	<.2	1.82	<5	12	260	<5	1.06	<1	15	42	83	3.03	0.26	<10	0.56	922	1	0.01	35	1120	4	<5	<20	95	0.06	<10	64	<10	8	47
132	L28N:16+50E	<5	<.2	1.73	<5	14	175	<5	1.03	<1	13	46	106	2.82	0.27	<10	0.78	661	<1	0.02	32	990	4	10	<20	121	0.05	<10	65	<10	9	41
133	L28N:17+00E	5	<.2	1.81	<5	16	180	<5	1.91	<1	15	42	120	3.23	0.28	<10	0.84	599	<1	0.02	28	710	4	<5	<20	113	0.07	<10	86	<10	10	39
134	L28N:17+50E	50	<.2	2.98	<5	12	235	<5	1.12	<1	21	40	147	5.22	0.35	<10	1.12	598	<1	0.02	30	800	4	5	<20	90	0.09	<10	166	<10	11	50
135	L28N:18+00E	<5	<.2	3.16	<5	10	280	<5	1.35	<1	17	29	123	4.40	0.36	<10	0.98	627	<1	0.02	21	980	6	10	<20	98	0.08	<10	121	<10	12	46
136	L28N:18+50E	<5	<.2	2.11	<5	12	240	<5	1.30	<1	17	48	126	4.07	0.25	<10	0.81	683	<1	0.02	27	990	4	<5	<20	82	0.09	<10	114	<10	13	41
137	L28N:19+00E	<5	<.2	1.61	<5	12	220	5	4.25	<1	17	60	103	3.60	0.19	<10	2.51	563	<1	0.23	45	1210	<2	15	<20	259	0.12	<10	110	<10	12	41
138	L28N:19+50E	35	<.2	2.81	<5	10	340	<5	1.70	<1	22	23	377	5.61	0.30	<10	1.17	1258	<1	0.02	21	1470	2	<5	<20	119	0.05	<10	158	<10	21	36
139	L28N:20+00E	<5	<.2	1.49	<5	12	210	<5	1.17	<1	14	50	79	2.98	0.25	<10	1.12	600	<1	0.04	38	1120	2	5	<20	88	0.07	<10	76	<10	9	42
140	L28N:20+50E	15	<.2	2.62	<5	10	330	<5	0.72	<1	17	56	126	3.74	0.17	<10	0.90	667	<1	0.03	53	910	6	<5	<20	69	0.10	<10	87	<10	14	56
141	L28N:21+00E	<5	<.2	1.87	<5	12	225	<5	0.84	<1	16	59	84	3.52	0.33	<10	0.74	597	<1	0.02	50	1190	4	5	<20	65	0.07	<10	89	<10	10	47
142	L28N:21+50E	<5	<.2	1.14	<5	12	175	<5	3.46	<1	18	77	80	4.46	0.11	<10	1.13	495	<1	0.01	62	980	<2	<5	<20	80	0.07	<10	141	<10	8	33
143	L28N:22+00E	<5	<.2	2.09	<5	14	195	<5	0.89	<1	21	113	149	3.73	0.39	<10	1.47	680	<1	0.06	96	500	8	15	<20	74	0.09	<10	86	<10	11	40
144	L28N:22+50E	<5	<.2	1.85	<5	18	210	<5	1.13	<1	16	70	103	2.96	0.42	<10	0.96	739	1	0.02	63	2030	12	<5	<20	99	0.07	<10	67	<10	10	71
145	L28N:23+00E	<5	<.2	2.03	<5	12	180	5	0.65	<1	17	88	76	3.31	0.29	<10	0.86	638	<1	0.02	63	960	8	5	<20	72	0.09	<10	75	<10	11	51
146	L28N:23+50E	<5	<.2	2.08	<5	14	195	<5	0.66	<1	20	140	65	3.30	0.29	<10	1.39	622	<1	0.03	111	960	4	10	20	72	0.09	<10	71	<10	11	47
147	L28N:24+00E	<5	<.2	2.24	<5	16	170	<5	0.57	<1	17	86	56	3.15	0.39	<10	1.02	562	<1	0.06	71	840	8	5	<20	97	0.10	<10	68	<10	11	47
148	L28N:24+50E	<5	<.2	1.63	<5	14	140	10	0.66	<1	17	89	52	3.13	0.27	<10	0.88	601	<1	0.06	64	800	6	5	<20	61	0.10	<10	72	<10	10	48
149	L28N:25+00E	<5	<.2	2.32	<5	22	280	5	2.91	<1	27	174	79	3.80	0.28	<10	3.15	613	<1	0.04	198	1020	2	15	20	197	0.09	<10	99	<10	9	45

11-Jul-94

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

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

Values in ppm unless otherwise reported

TECK EXPLORATION ETK 94-378 - REVISED
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: STEVE JENSEN

Sample Run Date: June 30, 1994
149 SOIL samples received June 27,1994
PROJECT #: 1722

Et #.	Tag #	Au(ppb)	Ag	Al %	As	B	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	L29N:12+00E	15	<.2	2.02	<5	10	225	<5	0.69	<1	20	50	139	3.79	0.26	10	0.96	652	<1	0.02	46	860	12	5	<20	71	0.08	<10	97	<10	12	54
2	L29N:12+50E	10	<.2	1.70	<5	14	220	<5	1.89	<1	18	43	122	3.39	0.21	10	1.03	606	<1	0.02	42	1080	8	10	<20	84	0.09	<10	79	<10	12	51
3	L29N:13+00E	10	<.2	1.83	<5	14	285	<5	1.34	<1	13	31	94	2.64	0.36	<10	0.58	565	<1	0.01	29	1170	8	5	<20	91	0.05	<10	63	<10	9	51
4	L29N:13+50E	5	<.2	2.07	<5	10	255	<5	0.81	<1	17	50	98	3.20	0.28	<10	0.76	725	<1	0.02	41	850	10	5	<20	70	0.06	<10	81	<10	11	53
5	L29N:14+00E	10	<.2	1.95	<5	10	250	<5	0.98	<1	16	42	106	3.06	0.26	10	0.68	670	<1	0.02	37	1010	10	<5	<20	74	0.07	<10	74	<10	11	49
6	L29N:14+50E	15	<.2	2.31	<5	10	340	5	1.03	<1	18	39	101	3.36	0.29	10	0.69	715	<1	0.01	35	960	10	<5	<20	87	0.08	<10	81	<10	12	62
7	L29N:15+00E	10	<.2	2.22	<5	10	340	<5	1.07	<1	19	35	86	3.73	0.30	10	0.66	681	1	0.02	36	990	10	<5	<20	87	0.07	<10	80	<10	12	64
8	L29N:15+50E	<5	<.2	1.62	<5	12	275	<5	1.22	<1	12	30	95	2.44	0.29	<10	0.53	638	<1	0.01	26	900	8	<5	<20	87	0.05	<10	60	<10	9	46
9	L29N:16+00E	5	<.2	1.80	<5	10	230	<5	0.83	<1	14	41	107	2.89	0.27	10	0.55	628	<1	0.01	30	870	8	<5	<20	68	0.06	<10	69	<10	11	42
10	L29N:16+50E	5	<.2	1.88	<5	12	215	<5	0.86	<1	15	35	112	2.99	0.31	<10	0.64	670	<1	0.01	27	1020	8	5	<20	60	0.06	<10	75	<10	10	47
11	L29N:17+00E	15	<.2	1.92	<5	12	215	<5	1.04	<1	17	43	158	3.47	0.27	10	0.92	659	<1	0.02	37	1200	8	5	<20	71	0.07	<10	95	<10	11	47
12	L29N:17+50E	<5	<.2	1.99	<5	10	270	<5	0.79	<1	17	32	107	3.75	0.20	<10	0.68	642	<1	0.02	26	780	8	<5	<20	53	0.07	<10	104	<10	10	47
13	L29N:18+00E	<5	<.2	1.72	<5	10	240	<5	0.90	<1	15	38	99	3.22	0.28	<10	0.58	670	<1	0.01	29	940	6	<5	<20	60	0.07	<10	86	<10	11	45
14	L29N:18+50E	30	<.2	2.17	<5	10	240	<5	1.05	<1	18	29	294	4.51	0.27	<10	0.88	640	<1	0.01	25	830	8	10	<20	63	0.05	<10	136	<10	9	45
15	L29N:19+00E	10	<.2	1.87	<5	10	280	5	0.98	<1	17	41	142	3.72	0.33	10	0.62	700	<1	0.01	28	1190	8	<5	<20	66	0.08	<10	97	<10	11	50
16	L29N:19+50E	10	<.2	1.23	<5	12	185	5	1.80	<1	15	45	188	3.06	0.22	<10	0.91	505	<1	0.02	40	1170	6	10	<20	69	0.07	<10	83	<10	10	39
17	L29N:BL 20+00E	10	<.2	1.60	<5	10	225	<5	0.64	<1	15	41	123	3.01	0.23	<10	0.71	569	<1	0.02	37	860	8	<5	<20	48	0.07	<10	74	<10	10	46
18	L29N:20+50E	<5	<.2	1.50	<5	10	250	<5	0.85	<1	17	58	142	3.63	0.13	<10	0.89	624	<1	0.01	58	1000	6	5	<20	46	0.05	<10	97	<10	9	43
19	L29N:21+00E	<5	<.2	2.38	<5	8	335	<5	0.89	<1	16	38	85	3.08	0.14	10	0.77	802	<1	0.02	46	930	10	5	<20	61	0.07	<10	68	<10	14	43
20	L29N:21+50E	<5	<.2	1.43	<5	14	225	5	0.88	<1	18	56	102	3.64	0.32	<10	0.84	731	<1	0.01	66	730	4	<5	<20	64	0.05	<10	91	<10	10	37
21	L29N:22+00E	40	<.2	1.73	<5	14	180	<5	0.83	<1	21	90	207	3.40	0.27	<10	1.47	646	<1	0.02	102	1150	8	10	<20	69	0.07	<10	86	<10	11	46
22	L29N:22+50E	5	<.2	2.02	<5	10	285	<5	0.73	<1	18	48	108	3.22	0.30	10	0.82	771	<1	0.02	51	970	8	10	<20	60	0.08	<10	73	<10	12	52
23	L29N:23+00E	<5	<.2	1.74	<5	12	155	5	0.46	<1	17	86	60	2.88	0.29	<10	0.97	599	<1	0.03	74	740	8	5	<20	44	0.08	<10	63	<10	10	44
24	L29N:23+50E	<5	<.2	1.92	<5	12	190	5	0.50	<1	19	93	45	2.93	0.35	<10	1.16	637	<1	0.02	92	810	8	5	<20	57	0.08	<10	61	<10	10	48
25	L29N:24+00E	<5	<.2	1.85	<5	12	180	<5	0.59	<1	19	89	68	3.10	0.35	<10	1.42	619	<1	0.02	100	900	8	10	<20	68	0.08	<10	68	<10	11	50
26	L29N:24+50E	5	<.2	1.93	<5	12	165	5	0.52	<1	19	112	80	2.99	0.26	<10	1.51	575	<1	0.03	120	800	8	10	<20	50	0.07	<10	65	<10	10	47

Et #.	Tag #	Au(ppb)	Ag	Al %	As	B	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
27	L30:16+50E	5	<.2	1.99	<5	12	210	<5	0.85	<1	17	43	119	3.47	0.28	10	0.82	693	<1	0.02	35	890	8	<5	<20	87	0.07	<10	94	<10	11	49
28	L30:17+00E	<5	<.2	1.84	<5	10	245	5	0.87	<1	14	35	155	3.06	0.25	<10	0.58	678	1	0.01	25	880	8	10	<20	69	0.06	<10	82	<10	10	44
29	L30:17+50E	5	<.2	1.74	<5	12	255	<5	1.02	<1	15	36	198	3.10	0.26	10	0.64	700	<1	0.02	27	1030	6	<5	<20	75	0.06	<10	83	<10	11	47
30	L30:18+00E	10	<.2	2.01	<5	10	300	<5	0.96	<1	17	35	112	3.76	0.22	10	0.65	676	<1	0.01	25	1040	8	<5	<20	64	0.06	<10	104	<10	10	48
31	L30:18+50E	5	<.2	2.18	<5	10	420	<5	1.17	<1	16	23	107	3.85	0.26	<10	0.65	694	<1	0.01	19	1170	6	<5	<20	76	0.05	<10	105	<10	8	49
32	L30:19+00E	10	<.2	1.79	<5	8	290	<5	1.21	<1	14	35	97	2.78	0.24	<10	0.59	700	<1	0.01	26	1020	6	<5	<20	68	0.05	<10	70	<10	9	43
33	L30:19+50E	<5	<.2	1.34	<5	12	185	5	0.88	<1	16	53	78	3.15	0.23	<10	0.99	567	<1	0.01	50	1170	4	10	<20	54	0.07	<10	83	<10	9	43
34	L30:20+00E	<5	<.2	1.51	<5	10	265	<5	1.02	<1	16	46	92	3.05	0.26	<10	0.73	704	<1	0.01	49	1150	6	<5	<20	62	0.05	<10	75	<10	9	50
35	L30:22+00E	50	<.2	1.63	<5	10	175	<5	0.57	<1	21	102	104	3.48	0.19	10	1.38	569	<1	0.02	102	450	8	10	<20	44	0.09	<10	87	<10	13	40
36	L30:22+50E	<5	<.2	1.69	<5	12	295	<5	1.18	<1	17	80	79	2.60	0.19	<10	1.13	696	<1	0.01	87	1080	6	10	<20	111	0.05	<10	56	<10	9	45
37	L30:23+00E	<5	<.2	1.62	<5	14	175	<5	0.68	<1	16	72	63	2.64	0.26	<10	0.95	612	<1	0.02	68	950	8	5	<20	67	0.06	<10	57	<10	9	43
38	L30:23+50E	5	<.2	1.56	<5	10	150	10	0.50	<1	16	80	44	2.74	0.23	<10	0.86	539	<1	0.04	67	820	8	5	<20	43	0.08	<10	61	<10	10	43
39	L30:24+00E	5	<.2	2.09	<5	16	195	<5	0.65	<1	22	116	71	3.19	0.30	<10	1.62	704	1	0.03	128	960	16	10	<20	63	0.08	<10	66	<10	11	80
40	L31N:16+50E	5	<.2	1.90	<5	10	240	<5	0.93	<1	14	36	93	3.01	0.23	<10	0.63	676	<1	0.02	27	910	8	<5	<20	82	0.06	<10	80	<10	10	47
41	L31N:17+00E	10	<.2	2.33	<5	10	270	<5	1.05	<1	17	34	144	3.34	0.21	10	0.73	767	<1	0.02	28	1270	10	5	<20	67	0.06	<10	87	<10	12	46
42	L31N: 17+50E	15	<.2	2.23	<5	8	255	<5	0.93	<1	17	34	152	3.60	0.24	<10	0.67	744	<1	0.01	25	1110	10	5	<20	62	0.07	<10	97	<10	12	51
43	L31N:18+00E	<5	<.2	2.29	<5	8	405	<5	1.06	<1	16	30	83	3.49	0.25	<10	0.65	767	<1	0.02	22	1020	8	5	<20	79	0.06	<10	89	<10	10	52
44	L31N:18+50E	10	<.2	1.58	<5	10	195	5	0.96	<1	17	56	81	3.45	0.23	<10	1.04	581	<1	0.02	50	1150	6	10	<20	52	0.08	<10	94	<10	11	45
45	L31N:19+00E	<5	<.2	1.42	<5	10	165	5	0.63	<1	17	63	82	3.41	0.15	<10	1.08	502	<1	0.01	73	930	6	10	<20	51	0.07	<10	90	<10	9	39
46	L31N:19+50E	10	<.2	1.58	<5	10	220	<5	0.83	<1	18	60	130	3.96	0.14	<10	0.89	578	<1	0.01	59	1020	4	<5	<20	53	0.06	<10	111	<10	9	43
47	L31N:BL 20+00E	<5	<.2	2.26	<5	10	325	<5	0.89	<1	18	48	116	3.47	0.18	10	0.77	889	<1	0.02	51	1110	10	5	<20	59	0.07	<10	81	<10	13	59
48	L31N:20+50E	5	<.2	1.63	<5	12	255	<5	0.97	<1	20	61	143	4.02	0.24	<10	0.96	783	<1	0.01	69	1130	6	<5	<20	54	0.06	<10	105	<10	11	51
49	L31N:21+50E	<5	<.2	2.08	<5	10	340	<5	0.98	<1	17	40	136	2.91	0.27	<10	0.71	923	<1	0.01	53	1100	8	<5	<20	76	0.06	<10	62	<10	13	63
50	L31N:22+00E	<5	<.2	2.30	<5	10	345	<5	1.67	<1	21	50	210	3.76	0.14	<10	1.26	918	<1	0.02	62	1100	8	10	<20	60	0.07	<10	90	<10	13	60
51	L31N:22+50E	5	<.2	2.17	<5	10	340	<5	0.96	<1	18	45	135	3.24	0.23	<10	0.85	939	<1	0.02	57	1100	8	5	<20	62	0.07	<10	72	<10	13	56
52	L31N:23+00E	<5	<.2	1.97	<5	12	245	5	0.81	<1	16	48	86	2.85	0.31	<10	0.81	771	<1	0.02	50	1020	8	5	<20	80	0.07	<10	61	<10	11	53
53	L31N:23+50E	<5	<.2	2.02	<5	12	305	<5	0.99	<1	23	126	100	3.15	0.35	<10	2.10	712	<1	0.01	167	1030	6	15	<20	87	0.05	<10	66	<10	9	45
54	L32N:16+50E	<5	<.2	1.58	<5	12	255	<5	1.21	<1	12	28	89	2.58	0.21	<10	0.54	699	<1	0.01	23	1130	8	5	<20	91	0.05	<10	68	<10	8	46
55	L32N:17+00E	<5	<.2	2.14	<5	8	320	<5	0.88	<1	14	33	55	2.81	0.19	<10	0.48	749	<1	0.01	23	1260	8	<5	<20	66	0.06	<10	63	<10	10	58
56	L32N:17+50E	<5	<.2	1.97	<5	8	235	<5	0.80	<1	13	30	75	3.06	0.20	<10	0.63	615	<1	0.02	19	960	6	<5	<20	65	0.06	<10	75	<10	11	41
57	L32N:18+00E	5	<.2	1.58	<5	10	240	<5	0.95	<1	15	44	77	3.06	0.29	<10	0.67	620	<1	0.01	36	1240	4	<5	<20	60	0.07	<10	79	<10	10	48
58	L32N:18+50E	<5	<.2	2.26	<5	8	310	<5	0.89	<1	16	37	108	3.10	0.27	<10	0.72	682	<1	0.01	37	990	10	<5	<20	66	0.07	<10	73	<10	12	50
59	L32N:19+00E	<5	<.2	1.77	<5	10	260	<5	0.79	<1	15	42	98	3.02	0.27	<10	0.68	637	<1	0.01	45	1030	6	<5	<20	60	0.06	<10	72	<10	10	55
60	L32N:19+50E	<5	<.2	2.33	<5	8	320	<5	0.81	<1	19	42	125	3.39	0.13	<10	0.87	826	<1	0.02	51	900	10	5	<20	58	0.08	<10	79	<10	13	57
61	L32N:B/L 20+00E	5	<.2	1.78	<5	12	295	<5	1.01	<1	16	36	123	2.92	0.29	<10	0.71	905	<1	0.01	39	1160	6	5	<20	76	0.05	<10	67	<10	10	60
62	L32N:20+50E	<5	<.2	2.01	<5	10	340	<5	1.44	<1	15	32	125	2.52	0.23	<10	0.60	910	<1	0.01	47	1390	8	<5	<20	99	0.05	<10	54	<10	12	50
63	L32N:21+00E	10	<.2	1.73	<5	12	360	<5	1.51	<1	16	35	125	2.68	0.24	<10	0.65	1012	<1	0.01	51	1740	6	<5	<20	93	0.04	<10	58	<10	10	56
64	L32N:21+50E	5	<.2	1.86	<5	12	395	<5	1.55	<1	14	28	118	2.31	0.24	<10	0.64	977	<1	0.01	43	1510	6	<5	<20	117	0.04	<10	47	<10	10	54
65	L32N:22+00E	<5	<.2	2.42	<5	10	360	<5	0.98	<1	17	33	125	2.85	0.16	<10	0.76	936	<1	0.02	42	1250	8	10	<20	69	0.06	<10	62	<10	13	53
66	L32N:22+50E	<5	<.2	2.47	<5	10	330	<5	1.08	<1	16	36	114	2.74	0.28	<10	0.72	891	<1	0.01	53	1300	8	5	<20	98	0.06	<10	56	<10	13	51
67	L32N:23+00E	<5	<.2	1.54	<5	22	255	<5	1.61	<1	12	50	107	2.19	0.28	<10	1.08	461	<1	0.01	62	1250	16	10	<20	140	0.03	<10	44	<10	7	46

QC DATA:		Ag	Al %	As	B	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Repeat:																															
1	L29N:12+00E	<.2	1.99	<5	10	230	<5	0.67	<1	19	50	137	3.71	0.26	10	0.95	644	1	0.02	46	900	8	10	<20	69	0.08	<10	97	<10	12	53
39	L30:24+00E	<.2	2.07	<5	16	190	5	0.68	<1	21	114	68	3.20	0.29	<10	1.61	695	<1	0.03	126	940	14	10	<20	62	0.07	<10	66	<10	10	70
77	L25N:20+00E	<.2	1.63	<5	12	170	5	2.27	<1	18	64	87	3.74	0.19	<10	1.32	596	<1	0.03	47	1340	2	10	<20	88	0.11	<10	105	<10	12	46
112	L27N:19+00E	<.2	2.31	<5	14	270	<5	1.54	<1	20	47	155	4.87	0.23	<10	1.18	695	1	0.02	33	1240	4	10	<20	95	0.09	<10	147	<10	11	38
Standard 1991:																															
		1.0	1.75	60	10	160	<5	1.81	2	17	61	83	3.80	0.34	<10	0.95	689	<1	0.01	24	700	16	10	<20	58	0.08	<10	75	<10	10	72
		1.2	1.71	65	10	165	5	1.82	2	18	65	84	3.70	0.35	<10	0.93	690	<1	0.01	24	690	16	10	<20	63	0.09	<10	77	<10	10	67
		1.0	1.88	60	10	170	5	1.80	2	19	66	88	3.96	0.35	<10	0.91	660	<1	0.02	26	660	20	10	<20	59	0.10	<10	74	<10	11	71
		1.0	1.88	60	10	165	5	1.82	2	19	67	86	3.95	0.34	<10	0.89	682	<1	0.02	25	680	18	<5	<20	61	0.10	<10	75	<10	10	67

XLS/Teck

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

APPENDIX IV

Analytical Procedures

APPENDIX V

Rock Sample Descriptions

SAMPLE NUMBER	LOCATION COMMENT	SAMPLE DESCRIPTION
JOK 1	Joker Grid, between L25N and L26N	1.5m chip across carbonate altered hybrid breccia or bleached diorite dyke, trace pyrite and chalcopyrite, strong jointing (and trend of zone) 060-080/80N
JOK 2	Joker Grid, between L25N and L26N	2.0m chip across albite altered hybrid breccia, trace pyrite, chalcopyrite and malachite, jointing 040/60NW
JOK 3	Joker Grid, between L25N and L26N	2.0m chip across albite altered hybrid breccia, jointing 100/50SW, 095/50NE
JOK 4	Joker Grid, just south of L25N	2.0m chip across albite altered hybrid breccia, jointing 130/75NE, 090/90, very local, weak epidote alteration
JOK 5	Joker Grid, between L25N and L26N	2.0m chip across strongly fractured and weathered fault zone in Cherry creek diorite, fault zone ≈160/74SE, conjugate fractures 085/30SE and 060/80NW
JOK 6	Joker Grid, between L25N and L26N	1.5m chip across bleached and altered Cherry creek diorite, orange carbonate alteration, weak pyrite and trace chalcopyrite, on trend of zone of sample JOK 1, ran: 50ppb Au
JOK 7	Joker Grid, between L29N and L30N	2.0m chip across hybrid breccia, very local late stage epidote alteration, trace pyrite, jointing 165/60SW, 092/70N, 105/60SW
JOK 8	Joker Grid, just south of L30N	1.0m chip across hybrid breccia, jointing 008/80NW & 094/56S, local weak epidote alteration

APPENDIX VI

Soil Sample Descriptions

Joker area soil survey, June 1994. Data from lines L20+00N to L28+00N inclusive.

Station	Soil hor.	Soil size	Depth cm	Colour	Rockchips	Comments
L28+00N						
12+50E	BM	silt	20	dk brn	few rocks	
13+00E	BM	silt	20	med brn	glac pebs	
13+50E	BM	silt	30	med brn	glac pebs	
14+00E	BM	silt/sand	30	dk brn		
14+50E	BF	silt/sand	30	dk ora-br	v. rocky	tr. Fe-ox
15+00E	BM	silt	35	dk brn	minor diorite	
15+50E	BM	silt	25	dk brn	diorite	
16+00E	BM	silt	25	dk brn	glac pebs	
16+50E	BM	silt	30	dk brn	glac pebs	
17+00E	BM	silt	20	dk brn	glac pebs	
17+50E	BM	silt	15	dk brn	glac pebs	
18+00E	BM	silt	25	choc brn	diorite	
18+50E	BM	silt	25	choc brn	both dior/ leuco int	
19+00E	BM	silt/clay	35	buff	no rocks	
19+50E	C/regolith	silt	30	med brn	pale grn leuco int.	
20+00E	?	v.f.silt	40	med gry	glac pebs	
20+50E	BM	silt	35	med brn	glac pebs	
21+00E	BM	silt	35	med brn	glac pebs	5m N stn
21+50E	?	f.g.sand	40	buff	glac pebs	
22+00E	BM	silt	40	med brn	dior pebs	
22+50E	BM	silt	30	med brn	glac pebs	
23+00E	BM	silt	15	med brn	glac pebs	hardpan
23+50E	BM	silt/sand	30	med brn	glac pebs	poor soil
24+00E	BM	silt	30	med brn	glac pebs	
24+50E	BM	sand	15	pale brn	glac pebbles	hardpan
25+00E	BM	sand	20	pale brn	glacial	

Station	Soil hor.	Soil size	Depth cm	Colour	Rockchips	Comments
L27+00N						
14+00E	BM	silt	20	med brn	felsite/dior	
14+50E	BM	silt	35	med brn	dior	
15+00E	BM	silt	30	med brn	diorite + ass't	
15+50E	BM	silt	30	med brn	glac pebbles	
16+00E	BM	silt	35	med brn	v few rocks	

16+50E	BF?	silt	40	ora-brn	Fe-ox @ 40 cm	
17+00E	BM	silt	45	med brn	glacial pebs	
17+50E	BM	silt/sand	25	med brn	glac pebs	
18+00E	BM	silt	30	dk brn		
18+50E	BM	silt	30	dk brn		
19+00E	BM	silt/sand	30	med brn	glac pebs	
19+50E	BM	silt	40	med brn		v few rocks
20+00E	BM	silt	30	med brn		slope 25 deg E
20+50E	BM	silt	30	med brn		slope 25 deg E
21+00E	N.S. Stn centres on a house					Flat bench
21+50E	BM	sand only	40	pale brn	v. poor soil	slope 30 deg E
22+00E	B?	f.g. sand	40	pale brn		slope 15 deg E
22+50E	BM	silt/sand	45	med brn	weakly organic	clay layer @ 45 cm
23+00E	BM	silt/sand	45	med brn		
23+50E	B?	f.g. silt	40	med brn		hardpan
24+00E	BM	f.g. silt	40	med brn		hardpan
24+50E	?	silt	20	med brn	glac pebs	
25+00E	BM	silt	30	med brn	few rocks	poor soil
25+50E	N.S. organic					

Station	Soil hor.	Soil size	Depth cm	Colour	Rockchips	Comments
L26+00N						
15+00E	BM	silt	30	med brn	glac pebs/cobs	
15+50E	BM	silt	40	med brn	glac pebs/cobs	
16+00E	BM	silt	40	med brn	glac pebs	
16+50E	BM	silt	40	med brn	glac pebs	
17+00E	BM	silt	40	med brn	glac pebs	
17+50E	BM	silt	30	med brn	glac pebs	
18+00E	BM	silt	30	med brn	glac pebs/cobs	
18+50E	BM	silt	30	med brn	v few rocks	
19+00E	C/regolith	silt/sand	20	med brn	angular felsic int.	v rocky
19+50E	BM	v.f. silt	30	med brn	v few rockchips	
20+00E	BM	v.f. silt	40	pale buff	v few rockchips	
20+50E	BM	silt/sand	35	choc brn		south flank of ck.
21+00E	C/regolith	silt	25	dk brn	abun. angular fels int	slope 30 deg. E
21+50E	BM	silt	40	dk brn	minor glac pebs	
22+00E	BM	silt	30	med brn	glac cobbles abun.	
22+50E	N.S.				Too much organic muck	
23+00E	BM	silt	30	dk brn	glac pebs	v. rich soil

23+50E	N.S.				new gravel, road, farm equipment	
24+00E	BM	silt	35	dk brn	v. few rocks	
24+50E	BM	silt	30	med brn	mixed pebs	
25+00E	BM	silt	30	dk gry	glac pebs	W side esker
25+50E	BM	silt	40	dk gry	glac pebs	top esker
26+00E	BM	silt	40	gry-brn	glac pebs	E flank esker
26+50E	BM	silt	40	gry-brn	few rockchips	w organic pasture

Station	Soil hor.	Soil size	Depth cm	Colour	Rockchips	Comments
L25+00N						
15+00E	BM	silt	35	med brn	ass't rockchips	rich, weakly organic
15+50E	BM	f.g. silt	45	dk brn	ass't rockchips	w organic
16+00E	BM	silt	45	dk brn	ass't rockchips	w organic
16+50E	BM	silt	45	dk brn	ass't rockchips	w organic
17+00E	BM	silt	35	med brn	80% diorite	
17+50E	BM	silt	35	med brn	80% diorite	
18+00E	BM	silt	35	med brn	80% diorite	
18+50E	BM	silt	30	med brn	80% diorite	
19+00E	BM	silt	30	med brn	80% diorite	
19+50E	B?	f.g. silt	35	pale buff	dior.	hardpan
20+00E	BM	f.g. silt	35	pale buff	dior.	hardpan
20+50E	BM	silt	50	pale buff	v. few rocks	hardpan; leached?
21+00E	B-C/rego.	silt	25	med brn	f.g. greenish int.	slope 30 deg. E
21+50E	BM	silt	30	med brn	few rocks	break-in-slope
22+00E	BM	silt	30	med brn	few glac pebs	
22+50E	BM	silt	30	med brn	glac pebs	
23+00E	N.S.				barnyard, slough	
23+50E	N.S.				slough	
24+00E	BM	silt	30	med brn	glac pebs	
24+50E	BM	silt	30	med brn	glac pebs	
25+00E	BM	silt	30	med brn	glac pebs	
25+50E	BM	silt	30	med brn	glac pebs	W side esker
26+00E	BM	silt	30	med brn	glac pebs	top esker
26+50E	BM	silt	25	med brn	glac pebs	E side esker
27+00E	BM	silt	35	gry brn	minor glac pebs	@26+75E, hardpan

Station	Soil hor.	Soil size	Depth cm	Colour	Rockchips	Comments
L24+00N						
15+00E	B?	silt	45	brn-blk	none	moderately organic
15+50E	BM	silt	40	med brn	glac. pebbles	slope 5 deg. E
16+00E	BM	silt	40	med brn	glac. pebbles	slope 5 deg. E
16+50E	BM	silt	40	med brn	glac. pebbles	slope 20 deg. E
17+00E	BM	silt	40	med brn	abun. glac. blders	flat meadow
17+50E	BM	silt	40	med brn	abun. glac. blders	flat meadow
18+00E	BM	silt	40	med brn	abun. glac. blders	flat meadow
18+50E	BM	silt	40	med brn	abun. glac. blders	flat meadow
19+00E	BM	silt	40	med brn	abun. glac. blders	flat meadow
19+50E	BM	silt	40	med brn	few rocks	
20+00E	BM	silt	40	pale buff	no rocks	hardpan at 40 cm
20+50E	BM	f.g. silt	40	pale buff	no rocks	loess?
21+00E	BM	silt	35	med brn	few rocks	25 deg. slope E
21+50E	BM	silt	35	med brn	few rocks	
22+00E	BM	silt	35	med brn	25% pebbles	glacial mound
22+50E	BM	silt	35	med brn	few rocks	
23+00E	BM	silt	35	med brn	few rocks	
23+50E	BM	silt	20	gry	mixed glac pebs	hardpan
24+00E	BM	silt	40	dk brn	few rocks	near ck; mod organi
24+50E	BM	silt	35	med brn	15-20% glac pebs	
25+00E	BM	silt	35	med brn	15-20% glac pebs	
25+50E	BM	silt	35	med brn	15-20% glac pebs	
26+00E	BM	silt	35	med brn	15-20% glac pebs	
26+50E	BM	silt	35	med brn	15-20% glac pebs	

Station	Soil hor.	Soil size	Depth cm	Colour	Rockchips	Comments
L23+00N						
15+00E	BM	silt	35	med brn	few rocks	
15+50E	BM	silt	35	med brn	few rocks	
16+00E	BM	silt	35	med brn	few rocks	slope 8 deg. E
16+50E	BM	silt	35	med brn	few rocks	slope 8 deg. E
17+00E	BM	silt	35	med brn	few rocks	slope 8 deg. E
17+50E	BM	silt	35	med brn	few rocks	break-in-slope
18+00E	BM	silt	35	med brn	few rocks	flat meadow
18+50E	BM	silt	20	med brn	minor glac. pebs	flat meadow
19+00E	BM	silt	40	med brn	minor glac. pebs	flat meadow
19+50E	BM	silt	40	med brn	minor glac. pebs	flat meadow

20+00E	B?	v.f. silt	40	pale buff	no roks	loess?
20+50E	BM	silt	35	med brn	no rocks	
21+00E	BM	silt	35	med brn	minor glac. pebs	
21+50E	BM	silt	35	med brn	glac. pebs/cobbles	slope 10 deg. E
22+00E	BM	silt	35	med brn	glac. pebs	garbage pit 8m to E
22+50E	BM	silt	35	light brn	no rocks	loess?
23+00E	BM	silt	20	med brn	15-20% pebs	hardpan
23+50E	BM	silt	35	med brn	15-20% pebs	hardpan
24+00E	BM	silt	35	med brn	glac. pebs	
24+50E	BM	silt	35	med brn	glac. pebs	8m E of stn.
25+00E	B?	silt	30	light brn	glac. pebs/cobbles	flat meadow
25+50E	BM	silt	30	med brn	glac. pebs/cobbles	slope 3 deg. W
26+00E	BM	silt	30	med brn	glac. pebs/cobbles	
26+50E	BM	silt	30	med brn	glac. pebs/cobbles	top of esker ridge
27+00E	BM	silt	30	dk brn	few pebs	slope 25 deg. E

Station	Soil hor.	Soil size	Depth cm	Colour	Rockchips	Comments
L22+00N						
15+00E	BM	silt	30	med brn	v. few pebbles	slope 8 deg. E
15+50E	BM	silt	30	med brn	v. few pebbles	slope 8 deg. E
16+00E	BM	silt	25	med brn	v. few pebbles	slope 8 deg. E
16+50E	BM	silt	30	med brn	v. few pebbles	slope 8 deg. E
17+00E	BM	silt	30	med brn	v. few pebbles	slope 8 deg. E
17+50E	BM	silt	30	med brn	v. few pebbles	slope 8 deg. E
18+00E	BM	silt	30	med brn	v. few pebbles	slope 10 deg. E
18+50E	BM	silt	30	med brn	v. few pebbles	flat meadow
19+00E	BM	silt	30	med brn	v. few pebbles	flat meadow
19+50E	B?	silt	35	pale brn	v. few pebbles	flat meadow
20+00E	BM	silt	30	med brn	10% pebs	slope 2 deg. E
20+50E	BM	silt	30	med brn	glac. pebs	slope 10 deg. NE
21+00E	BM	silt	30	med brn	5% pebs	slope 10 deg. NE
21+50E	BM	silt	30	med brn	5% pebs	slope 10 deg. NE
22+00E	BM	silt	30	med brn	glac. pebs	slope 10 deg. NE
22+50E	BM	silt	30	med brn	glac. pebs	slope 5 deg. NE
23+00E	BM	silt	30	med brn	20% pebs	slope 5 deg. NE
23+50E	BM	silt	35	dk brn	glac. pebs	slope 5 deg. NE
24+00E	B?	silt	40	dk brn	v. few pebs	w.org.;flat meadow
24+50E	BM	silt	30	med brn	glac. pebs	out of gully
25+00E	BM	silt	30	med brn	glac. pebs	near ck.

25+50E	BM	silt	30	med brn	glac. pebs	slope 20 deg. to ck.
26+00E	BM	silt	40	med brn	few rocks	slope 3 deg. W
26+50E	B?	silt	25	med brn	glac. pebs/cobbles	slope 3 deg. W
27+00E	BM	silt	30	med brn	glac. pebs	top of esker

Station	Soil hor.	Soil size	Depth cm	Colour	Rockchips	Comments
L21+00N						
15+00E	BM	silt	30	med brn	minor glac. pebs	slope 5 deg. ESE
15+50E	BM	silt	30	med brn	10% glac. pebs	slope 5 deg. ESE
16+00E	BM	silt	30	med brn	10% glac. pebs	slope 5 deg. ESE
16+50E	BM	silt	30	med brn	10% glac. pebs	slope 5 deg. ESE
17+00E	BM	silt	30	med brn	10% glac. pebs	slope 5 deg. ESE
17+50E	BM	silt	40	med brn	10% glac. pebs	slope 5 deg. ESE
18+00E	BM	silt	35	med brn	20% glac. pebbles	slope 5 deg. ESE
18+50E	BM	silt	40	dk brn	no rocks	slope 5 deg. ESE
19+00E	BM	silt	40	dk brn	no rocks	slope 5 deg. ESE
19+50E	BM	silt	40	dk brn	no rocks	slope 5 deg. ESE
20+00E	BM	silt	40	dk gry	no rocks	slope 5 deg. ESE
20+50E	BM	silt	30	med brn	minor glac. peb/cob	slope 5 deg. ESE
21+00E	BM	silt	30	med brn	minor glac. peb/cob	slope 8 deg. E
21+50E	BM	silt	30	light brn	minor glac. peb/cob	slope 8 deg. E
22+00E	BM	silt	30	light brn	minor glac. peb/cob	slope 25 deg. S
22+50E	BM	silt	30	light brn	minor glac. peb/cob	slope 25 deg. S
23+00E	BM	silt	30	light brn	minor glac. peb/cob	hardpan; drainage
23+50E						
24+00E						
24+50E						
25+00E						
25+50E						
26+00E						
26+50E						
27+00E						

Station	Soil hor.	Soil size	Depth cm	Colour	Rockchips	Comments
L20+00N						
15+00E	BM	silt	30	dk brn	20% pebbles	edge of treeline
15+50E	BM	silt	30	dk brn	20% pebbles	
16+00E	BM	silt	30	med brn	20% pebbles	

16+50E	BM	silt	30	med brn	20% pebbles	slope 8 deg. E
17+00E	BM	silt	40	med brn	10% pebbles	slope 3 deg. E
17+50E	BM	silt	40	med brn	10% pebbles	
18+00E	BM	silt	40	dk brn	few rocks	mod. organic
18+50E	BM	silt	40	med brn	5% pebbles	slope 5 deg. NE
19+00E	BM	silt	30	med brn	5% pebbles	slope 5 deg. NE
19+50E	BM	silt	30	med brn	5% pebbles	slope 5 deg. NE
20+00E	BM	silt	30	med brn	5% pebbles	slope 5 deg. NE
20+50E	BM	silt	25	med brn	20% pebbles	stn in draugh
21+00E	BM	silt	25	pale brn	rocky	hardpan
21+50E	BM	silt	30	med brn	5% pebbles	slope 20 deg.E
22+00E	BM	silt	30	med brn	no rocks	weakly organic
22+50E	BM	silt	25	med brn	25% pebbles	near top esker (W)
23+00E	BM	silt	25	med brn	rocky hardpan	near top esker (E)
23+50E	BM	silt	25	pale brn	glac. pebbles	hardpan
24+00E	BM	silt	25	pale brn	glac. pebbles	hardpan, rocky
24+50E						
25+00E						
25+50E						
26+00E						
26+50E						

"L21+00N" & "L20+00N"

1994	SOIL SAMPLES			PROPERTY PROJECT JOKER						SAMPLER		
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
"L21+00N":												
23+50E		25		Bm	med brn							v. little A, gravelly
24+00E		30		"	"							better soil
24+50E		"		"	"							"
25+00E		20-25		"	"							
25+50E		30		"	med ltk brn							bank of creek gully
26+50E		25		Bm?	"							clay rich glacial
27+00E		25		"	"							"
"L20+00N":												
24+50E		30		Bm	med-ltk brn							mottley, little A
25+00E		"		"	"							"
25+50E		35		"	med-dk brn							base of crk slope?
26+00E		20-25		"	med brn							alright soil
26+50E		50		Bm+A	dk brn							clayey, organic
27+00E		30		Bm	med-dk brn							alright soil.

"L29+00N"

1994	SOIL SAMPLES			PROPERTY PROJECT JOKER								SAMPLER
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
L29+00N:												
16+00E		25		Bm	med-dk brn							med. dior. frags
16+50E		30		Bm	dk brn							fine, dark
17+00E		30		Bm	med brn							flat, med. dio. frags
17+50E		15		Bm	med-brn							lots frags
18+00E		20		Bm	med-brn							diorite frags (lots)
18+50E		25		Bm	med-b.c							lots diorite frags, good soil
19+00E		30		Bm?	med-dk b.n							sandy-silty, side slope
19+50E		30		Bm	med brn							Steep slope, sand-silt
20+00E		15		Bm	med-brn							fine, powdery
20+50E		15		Bm	"							" , side slope
21+00E		25		Bm ± A	dk brn, ± black							Some organic, side slope
21+50E		25		Bm/A	dk brn black							fine sandy powder
22+00E		15		Bm/A	dk brn							sandy, frags of diorite
22+50E		20		Bm/A	dk brn							sandy, crest of esker, rocky.
23+00E		"		"	"							"
23+50E		20-25		"	"							fine, powdery, no frags
24+00E		15-30		"	"							fine, sandy, rocky
24+50E		15		Bm	"							Sandy, lots rounded dio. frags
12+00E		20-25		Bm	med-brn							lots pebbles, fragments
12+50E		25		Bm	med-brn							Coarse sand, gravel
13+00E		40		Bm	dk brn							Silty
13+50E		20-30		Bm	med-dk brn							Same as 14+00E
14+00E		20-30		Bm	med-dk brn							lots diorite frags, rocky
14+50E		25		Bm	med-dk brn							Some roots
15+00E		25		Bm	dk brn							Some roots
15+50E		25		BM(±A)	dk brown							rooty, lots fragments

"L 30+00N"

1994 SOIL SAMPLES PROPERTY PROJECT JOKER SAMPLER ________

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
"L 30+00N:"												
12+00E		40-50cm		Bm	dk brn grey							weak frags
12+50E		40		Bm	med-dk brn							"
13+00E		40		Bm ± A	dk brn ± black							"
13+50E		30		Bm/BF	orange brown							orange brown, weak frags
14+00E		25-30		Bm	med-dk brn							mottley color, "
14+50E		30-35		Bm	med-brn							silty, "
15+00E		20-25		Bm	med-brn							not bad soil
15+50E		30		Bm	med-dk brn							± rocky,
16+00E		30		Bm ± A	dk brn black							mottley color, rocky, organic
16+50E		20		Bm	med brn							mod-diorite frags.
17+00E		30		Bm	med brn							mottley color, w-m frags
17+50E		20-25		Bm	med brn							some roots, mod. frags
18+00E		20		Bm	"							—
18+50E		30		Bm	dk brn							in little gulley between o/c's
19+00E		25-30		"	"							lots diorite frags
19+50E		25		"	med brn							fine, mod. slope
20+00E		25		"	med-dk brn							close to gravel pit
22+00E		—		Bm?	med brn							sandy, from road cut.
22+50E		30		Bm/A	dk brn/black							mixture of organic/Bm
23+00E		15		Bm	med brn							rocky, fine powdery
23+50E		15		Bm	"							sandy, rocky
24+00E		15		Bm	"							"

"L 31+00N"

1994 SOIL SAMPLES PROPERTY PROJECT JOKER SAMPLER ________

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
"L 31+00N":												~~weak frags~~
13+00E		30		Bm	med-dk brn							weak frags
13+50E		30		"	lt-med brn							weak frags
14+00E		30		"	med brn							"
14+50E		25		"	med-dk brn							so-so soil,
15+00E		40		"	"							local frags
15+50E		25		Bm ± BF	med brn							—
16+00E		20-25		Bm ± A	dk brn-black							—
16+50E		30		Bm	dk brn							weak-med frags
17+00E		30		"	med-brn							good soil,
17+50E		20		"	med-dk brn							rocky
18+00E		25		"	"							
18+50E		25		"	lt-med brn							
19+00E		30		Bm ± BF?	"							
19+50E		20		Bm?	"							sandy
20+00E		20		Bm	med-brn							gravely, lots pebbles
20+50E		"		"	"							"
21+50E		"		"	"							"
22+00E		"		Bm	"							gravel (glacial)
22+50E		"		"	"							"
23+00E		"		"	"							"
23+50E		25		Bm/A	dk brn-black							

1994 SOIL SAMPLES PROPERTY PROJECT JOKER SAMPLER

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
"L 32+00N"!												
13+00E		20-25		Bm	med brn							mod. frags
13+50E		25		Bm/BF	lite-med brn							slite orange color, w-m frags
14+00E		30		Bm	med-brn							w-m frags
14+50E		40		Bm	dk brn							some bark.
15+00E		20		"	"							rooty
15+50E		20-30		"	med-dk brn							mottley color
16+00E		25		"	"							—
16+50E		30		Bm ± A	dk brn							rooty, some organics
17+00E		20-25		Bm	med brn							fine, sooty, med. frags
17+50E		25		"	"							fair soil
18+00E		30		"	"							Still lots pebbles
18+50E		25-30		"	lite-med brn							med. frags
19+00E		20-25		"	lite-med brn							not gravelly
19+50E		20		"	med brn							gravelly, on little esker.
20+00E		25		"	"							gravelly, pebbles
20+50E		20		"	"							"
21+00E		25		Bm/A	dk brn							weak-med frags
21+50E		25		Bm/A	"							"
22+00E		15		Bm	med brn							gravelly (glacial)
22+50E		20		Bm/A?	med-dk brn							mottley, gravelly
23+00E		25		A, Bm	dk brn							organic rich

"L 33+00N"

1994	SOIL SAMPLES			PROPERTY PROJECT JOKER								SAMPLER
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
"L 33+00N":												
13+00E		40		Bm/A	dk brn							
13+50E		30-35		Bm	med brn							weak frags
14+00E		"		"	"							"
14+50E		20-25		"	med-dk brn							
15+00E		20		Bm/BF	med brn							clay rich, rocky
15+50E		25		Bm	lt-med brn							~~clayey~~ powdery, mod frags
16+00E		40		"	med-dk brn							bit clayey
16+50E		50		A, ±Bm	black							organic rich, deep
17+00E		30		BF±A	med brn							mottley (weak), good soil
17+50E		30		Bm	"							
18+00E		20-25		"	"							abundant glacial pebbles
18+50E		20		Bm/BF	med-or.brn							oranges, mod. frags
19+00E		20		Bm	med brn							gravelly
19+50E		20		Bm±BF	"							gravelly
20+00E		"		"	"							"
20+50E		20		BF	med-dk brn							sandy, good soil
21+00E		20		Bm	med brn							gravelly (glacial)
21+50E		"		"	"							"
22+00E		"		"	"							"
22+50E		25		"	"							"
23+50E		"		"	"							"
24+00E		20-25		"	"							~~not as gravelly~~ "
24+50E		25		"	"							not as gravelly

"L 34+00N"

1994	SOIL SAMPLES				PROPERTY PROJECT JOKER						SAMPLER	
SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
"L 34+00N":												
13+00E		30		Bm	med-dk brn							gravelly, glacial pebbles
13+50E		30		Bm/A	dk brn							organic
14+00E		35		Bm+A	med brn to dk							mottled
14+50E		40-50		"	"							"
15+00E		30-35		"	med-dk brn							very little organic component
15+50E		25		Bm	med brn							med. pebbles
16+00E		25-30		A	"							"
16+50E		20		"	med-dk brn							"
17+00E		20-30		"	"							"
17+50E		20		C, Bm	med-lt brn							regolith (diorite)
18+00E		"		Bm	dk brn							fine gravelly
18+50E		"		"	med brn							lots pebbles
19+00E		20		"	"							weak pebbles
19+50E		"		"	"							"
20+00E		"		"	"							"
20+50E		25		"	"							gravelly (glacial)
21+00E		35		Bm?	med brn to tan							mottled,
21+50E		30		Bm	med brn							Good soil
22+50E		"		"	"							"
23+00E		20-25		Bm	"							gravelly
23+50E		20		Bm	med-dk brn							on esker
24+00E		20		Bm	med-dk brn							on esker

"L 35+00N"

1994 SOIL SAMPLES PROPERTY PROJECT JOKER SAMPLER ________

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
"L 35+00N":												
13+00E		20		Bm	med brn							glacial pebbles, esker
13+50E		"		"	"							very gravelly
14+00E		25		Bf/Bm	orng med brn							med. frags, orangey
14+50E		25		Bm	lite-med brn							better soil
15+00E		25-30		Bm	"							gravelly
15+50E		20-25		"	med-lite brn							"
16+00E		50		Bm±A	dk brn to blk							mottled
16+50E		50		Bm	med brn							
17+00E		55-60		A/Bm	dk brn blk							
17+50E		20		Bm	med brn							
18+00E		"		"	"							
18+50E		20-25		"	med-lite brn							
19+00E		"		"	lite-med brn							gravelly
19+50E		"		"	"							"
20+00E		55		Bf±A	"							only some A, good soil
20+50E		20-25		Bm	lite-med brn							
21+00E		"		"	"							
22+00E		20		Bm	med brn							gravelly (esker?)
22+50E		"		"	"							"
23+00E		"		"	"							"
23+50E		"		"	"							silty gravelly
24+00E		25		Bm/A	med-dk brn							sooty-rooty

"L36+00N"

1994 SOIL SAMPLES PROPERTY PROJECT JKEC SAMPLER ____

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	ROUND	COMP	SLOPE	SEEPAGE	COMMENTS
"L36+00N":												
13+00E		25		Bm	med br							gravelly
13+50E		25		"	"							"
14+00E		30		"	med lt brn							"
14+50E		25-30		"	med brn							"
17+50E		30		"	"							"
18+00E		"		"	"							"
18+50E		"		"	med-dk brn							not bad soil
19+00E		"		"	"							"
19+50E		"		"	"							"
20+00E		"		"	"							"
20+50E		"		"	"							"
21+50E		20-25		"	med brn							gravelly, so-so soil
22+00E		"		"	"							not bad soil
22+50E		"		"	"							"
23+00E		25		"	"							gravelly
23+50E		25		"	"							silty

APPENDIX VII

Diamond Drill Logs

TECK EXPLORATIONS LIMITED

DIAMOND DRILL LOG

HOLE No. JK-94-01

COMPANY: TECK
PROJECT: 1722
PROPERTY: JOKER

NTS: 92I/9W
CLAIM: ACE
ELEVATION: 987 m
GRID COORD.:
NORTHING:
EASTING:

DATE: COLLARED: JULY 16/94
: COMPLETED: JULY 17/94
: LOGGED: JULY 16-17/94

LOGGED BY: S.J.
CORE SIZE: NQ

DEPTH	DIP	AZ.
COLLAR	-60	110°
72.50 m	-58	—

LENGTH: 72.54 m
DEPTH OF OVB: 3.05 m
CASING REMAINING: PULLED
WATERLINE LENGTH:
PROBLEMS:

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE: ANGLES	STRUCTURE: VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA: SAMPLE NO.	FROM	TO	LENGTH	RESULTS: Cu (ppm)	Au (ppb)				
0-3.05		CASING - In strongly broken ground and															
		rocky overburden															
3.05		HYBRID BRECCIA				- 9.7m = possibly secondary	tr. malachite										
\						biotite-brown felted mass	at 9.05 m	10601	7.70	9.7	2.0	319	<5				
19.7m		- fine grained, light to medium gray color															
		dioritic intrusive to Andesitic volcanic?				- local ep in narrow wisps to 11.0											
		- locally looks like intrusive breccia / agglomerate				- 11.0-19.7 = ep. ff -											
		characteristic of the hybrid breccia unit				locally moderate in bands											
		- very heterogeneous - subvolcanic + f.grd intrusive				up to 5cm wide with carbonate											
		fragments - sometimes hard to distinguish				- ep bands at 050-090 to C.A.		602	9.7	11.7	2.0	125	<5				
		- core badly broken to 10.50m and very strongly															
		oxidized to 19.70m															
		- modal grain size of feldspars 1-2mm															
		- core = moderately to strongly fractured with															
		fractures at all angles to C.A (very random)						603	11.7	13.7	2.0	159	5				
		- magnetite = fine - med. grd = 5-15% - variably															
		oxidized to hematite															
		10.50-12.50, 12.9-13.0 = fault zones															
		- brecciated (cappeos tectonic?)															
		- fragments healed (matrix) with carbonate ± magnetite															
		- fragments angular, size from mm to 4cm															

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-01

DESCRIPTION	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
13.0-16.3:	- local ep at 16m		604	13.7	15.7	2.0	147	5
- breccia = possibly same fault zone as 10.5-12.5	- weak py local (<0.5%)							
and 12.9-13.0								
- dominantly white siliceous (albitized?) fragments			605	15.7	17.7	2.0	255	15
with local dark grey/black fragments in a dark								
chloritic matrix								
- clasts = angular to subrounded, mm to 4cm								
- matrix = usually dominate								
- moderate magnetite + hematite			606	17.7	19.7	2.0	602	10
- not calcareous - matrix or clasts								
- distinctive "jigsaw puzzle" appearance of breccia								
16.3-19.7:		- weak malachite from 16.6m-19.7m						
- possibly fault breccia? similar to 10.5-12.5m								
- clasts not as siliceous, not calcareous								
- local epidote alt^n - ff, patchy								
- basically fault zone ? with narrow zones unfaulted rock								
18.4-18.9 = fault zone								
- definite fault zone, fault breccia								
- clasts made ≤1cm, up to 3cm locally								
- angular, dioritic								
- clasts = variable carbonate, ep, chlorite alt^n								
- 19.70-20.70 = fault			607	19.7	22.7	3.0	255	5
- fault at 030° to C.A (19.7m), 020° to C.A (20.5m)								
= very broken core, gauge (grey)								
19.7-26.70: Hybrid Breccia	- Kspar alt^n (bands) at		608	22.7	25.7	3.0	210	10
- Intrusive breccia / agglomerate with fine grained	22.35m							
diorite to subvolcanic andesite clasts in a dark grey to	-		609	25.7	28.7	3.0	1169	500
black, chloritic, soft, very calcareous matrix								

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-01

PAGE 3 of 6

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE: ANGLES	STRUCTURE: VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA: SAMPLE NO	FROM	TO	LENGTH	RESULTS: Cu (ppm)	Au (ppb)
		-overall - fragments generally lighter grey-whitish				-local Kspr alt'n	+tr-wk py (<0.5%)						
		and non-weakly calcareous (different than matrix)				-23-24 m = mod. ep	-local py <1%						
		- overall color of unit = med - dark grey				ff, patchy with weak							
		- magnetite-hematite content varies				to moderate Kspr veinlets, patches		610	28.7	31.7	3.0	362	70
		- not fault breccia looking				-local 2ndy biotite?							
		- clasts - subround to roundish, 1-5 cm in size											
		30.0-30.65 = fault zone											
		- grey green gouge, broken core											
		- top contact 075° to C.A., bottom 060° to C.A.											
		-26.70-27.40 = fault zone											
		- fault breccia, gouge											
		27.40 - 40.7 : HYBRID BRECCIA											
		- same hybrid breccia unit											
		- local secondary biotite? patches											
		- clasts = generally less siliceous											
		- matrix - very soft, calcareous, dark											
		- variably fractured											
		- w-mod. wispy + ff calcite veinlets											
		- general angle to C.A = 060°-070°											
		- mottled appearance											
		33.0-40.7 :											
		- more of a gray green color						611	31.7	~~31.7~~ 34.7	3.0	603	40
		- locally bleached (carbonate altered) to light green color											
		- after 30 m = mod. hem ff, bands						612	34.7	37.7	3.0	686	40
		- 28.40 - 29.70 = fault zone						613	37.7	40.7	3.0	29	<5
		-local, narrow gouge @ 045° to C.A, soft											

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-01

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
		-29.85-30.17				-overall = weak ep,	> 31m = py ≤ 1%						
		- quartz? carbonate veiney zone ± w. ep, patchy kspr				- m-strong carbonate	(more overall than						
		(pinkish skin color)				- local, weak kspr	0-31m)						
		- main vein at 045° to C.A.											
		40.7-46.2 : TRANSITION ZONE						614	40.7	43.7	3.0	30	<5
		-overall darker - dark grey, fine grained						615	43.7	46.2	2.5	31	<5
		- can still note hybrid breccia outline but often faint, non-distinct											
		- perhaps = likely a transition zone from hybrid breccia unit into underlying fine grained intrusive / volcanic											
		46.20-72.50 : DIORITE / MONZONITE / INT. VOLCANIC					- weak diss py (<0.5%)						
		- definitive change in overall appearance of core					- mod. f. grd mt (≈5-10%)						
		- now a green gray color, fine grained, non-weakly calcareous, weak-mod. magnetic with fine grained magnetite											
		- local carbonate zones usually associated with epidote bands/patches - can be erratic shape + distribution											
		-46.20-72.50 (Esk);											
		= often feldspar grains a pinky brown color (potassic) - not entirely certain whether kspr is primary or secondary - if secondary fairly pervasive											
		- no kspr veins or bands noted however there is some association of the pinkish kspr zones with strong ep alt^n zone											

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
		46.20-47.20:						616	46.2	47.2	1.0	101	<5
		-pervasive moderat-strong ep bands, wisps, irregular											
		pattern (irregular, mottled appearance to core)											
		- bands often @ 060° to C.A.											
		-w-mod hematite f.f. (up to 2mm wide)											
		-local carbonat veinlets, patches, discontinuous											
		up to 1.0cm wide											
		- local chlorite ff.											
		47.20-51.2:						617	47.2	48.2	1.0	93	<5
		- plagioclase porphyritic - commonly with											
		plag. laths 2-5mm in length						618	48.2	49.2	1.0	244	<5
		- either a dyke or flow unit											
		- top contact gradational over 20cm						619	49.2	50.2	1.0	76	<5
		- bottom contact = 5mm wide hematit f.f.											
		@ 010° to C.A - distinct						620	50.2	51.2	1.0	189	<5
		- also has patchy, wispy epidote - local											
		- local fractures parallel to core											
		- overall = fractures still at 045°-060° to C.A.											
		51.2-52.50: INT. VOLCANIC											
		-f.grd, green grey intermediate volcanic				52.50-53.55:		621	51.2	52.2	1.0	178	<5
		-local carbonate spots up to 3cm wide, erratic				-strong ep, hem, chl		622	52.2	53.2	1.0	48	<5
						alt^n - mosaic appearance		623	53.2	54.2	1.0	13	<5
		53.55-59.85						624	54.2	55.2	1.0	53	<5
		-fine to locally medium grained diorite-monzonite -						625	55.2	56.2	1.0	35	<5
		intermediate volcanic with local ep bands,						626	56.2	57.2	1.0	120	<5
		hem. ff.											
		- ep bands at c 040° (54.10m), 040° (56m),											
		035° (54.8m) - offsets 060° bands											
								627	57.2	58.2	1.0	182	<5

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-01

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
		59.85-64.20 =					- weak ff turquoise	628	58.2	59.2	1.0	126	<5
		- strongly altered, brecciated					Cu oxide ?						
							- strongest (Cu ox?)	629	59.2	60.2	1.0	159	<5
		- breccia defined by stockwork (mottled, irregular,					from 61.87-63.50.						
		weblike appearance) of epidote, hematite, kspar alt^n						630	60.2	61.2	1.0	390	<5
		- mod-strong ep, hem, chl ± carbonate (w-m)											
		- similar to previous strongly altered, mottled zones						631	61.2	62.2	1.0	12	<5
		- clasts not obvious, appear to be same											
		composition as matrix host = int. volcanic - fg'd intrusive (dio-mz)						632	62.2	63.2	1.0	12	5
		- clasts often defined by surrounding strong ep,											
		hem wisps, bands outlining fragments						633	63.2	64.2	1.0	13	10
		- clasts range in size from 0.1cm → 6cm											
		- breccia angle = parallel to core at 63m, 63.2m,											
		020° @ 62.70-63.0m											
		- unique blue-green (tourquoise) oxide mineral											
		- possibly an Cu oxide or clay mineral or carbonate											
		- Strongest from 61.87m - 63.50m											
		- locally looks similar to malachite											
		- ff. distribution, erratic											
		(64.20-72.50 EOH):					- tr. py locally	634	64.2	66.5	2.3	6	5
		- fine-med. grained intermediate volcanic to											
		fine-grained diorite to monzonite						635	66.5	69.5	3.0	7	10
		- similar to 46.20-59.85m											
		- only weak, local ep alt^n, erratic						634	69.5	72.5	3.0	8	5
		- very locally med. grained											
		- very local wispy, calcite stringers (<2mm)											
		- overall finer grained than 46.20-64.20											
		- locally feldspars a pinky brown color - either monzonitic											
		or pervasive Kspar alt^n? feature											

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-02 PAGE 1 of 6

DIAMOND DRILL LOG

COMPANY: TECK EXPLORATION
PROJECT: 1722
PROPERTY: JOKER

NTS: 92I/9W
CLAIM: ACE
ELEVATION: 990m
GRID COORD.:
NORTHING:
EASTING:

DATE: COLLARED: JULY 17/94
: COMPLETED: JULY 18/94
: LOGGED: JULY 18-19/94

LOGGED BY: S.J.
CORE SIZE: NQ

DEPTH	DIP	AZ.
COLLAR	-60	110°
107.60	-58.5	–

LENGTH: 107.60m
DEPTH OF OVB: 13.10m (Rubble)
CASING REMAINING: PULLED
WATERLINE LENGTH:
PROBLEMS: CASING SLIPPED DURING NITESHIFT, ABLE TO RETRIEVE + CONTINUE

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
0-9.14		CASING - rubble											
9.14-13.10		CONTINUE RUBBLE											
13.10		HYBRID BRECCIA						10637	13.1	15.1	2.0	390	65
		- overall a heterolithic rock that ranges from fine grained (siliceous) diorite intrusive - subvolcanic andesite to commonly a brecciated variety of the intrusive - volcanics (breccia - conglomerate)				- weak epidote locally - strong chlorite ff throughout - chlorite matrix	- magnetite variable = 2-15% (f-grained) - weak local py ff (<0.5%)	10638	15.1	17.1	2.0	658	55
		- possibly the hybrid unit as it is heterolithic, commonly brecciated with intrusive and volcanic fragments (however it is fine grained and not as magnetic as normal hybrid)						639	17.1	19.1	2.0	881	45
		- this unit moderately magnetic as f-grained magnetite ranges from 2-15%, locally up to 2-3mm in diameter						640	19.1	21.1	2.0	100	30
		- Oxidized to 16.0m (strongly to 15.0m)											

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-02

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
		- 13.80-14.30 = fault zone - oxidized grey gouge, high angle to CA											
		- breccia fragments like in hole 94-01: - light ~~to~~ grey to whitish, s. siliceous, subrounded to subangular - ~~grain~~ size of ~~fragmen~~ clasts variable and ranges from 1mm - 5cm											
		- matrix again dark grey to black (chloritic) and soft - overall breccia is matrix dominated (roughly 60-70%) but locally can be clast dominated				1cm ep band at 14.55m							
		- local zones of narrow (<1cm) calcite veinlets, ff, irregular (not common overall)											
		- contains fairly common bronzey brown biotite - possibly secondary - biotite = patchy, locally in bands											
		- epidote increases from 20.50m on but still only local and weak				- weak ep zone from 20.50-20.70							
		- 21.80-33.70: - generally becoming more siliceous downhole, less soft chlorite matrix					- local py ff up to 1%	641	21.1	23.1	2.0	111	35
		- fragments strongly siliceous, possibly becoming albitized?						642	23.1	25.1	2.0	65	20

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-02

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
		- more clast dominated, less soft chlorite matrix overall						643	25.1	27.1	2.0	69	25
		- 27.60-28.20 = fault zone - dk grey gouge, broken core - top contact @ 045° to C.A.						644	27.1	29.1	2.0	124	20
								645	29.1	31.1	2.0	96	160
		- 27.10-33.70 - appears like tectonic breccia superimposed on hybrid (agglomerate) breccia ? - fractured core (more + stronger)				- Increasing albite alteration downhole		646	31.1	33.7	2.6	101	25
33.70													
33.70		33.70-36.30 = ALBITE BRECCIA - very strongly albitized (albite altered) breccia - clasts mm-8cm in diameter, angular to subangular - clasts = strongly albite altered - white to creamy color, individual grains may be totally altered and non-distinguishable				- Strong albite	- tr. py ff	647	33.70	35.0	1.3	56	15
36.30		- Still chlorite matrix but subordinate clasts ≈ 80%, matrix 20%						648	35.0	36.3	1.3	72	25
36.30 37.60		36.30-37.60 = HYBRID BRECCIA - dark grey to black, siliceous breccia - mt rich (ca. 25%)						649	36.3	38.3	2.0	154	5
								650	38.3	40.3	2.0	205	20
37.60		37.60-60.70 = Hybrid Breccia - back to hybrid? unit - ~~Same as~~ similar to 13.10-33.70						651	40.3	42.3	2.0	1961	130
								652	42.3	44.3	2.0	2566	105

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-02

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE: ANGLES	STRUCTURE: VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
		- light to dk grey				- local weak ep							
		- grades gradually less siliceous downhole						~~[illegible]~~					
		away from albite breccia zone + more matrix											
		- more carbonate alteration + chlorite											
		rich matrix s. calcareous											
		- local calcite veinlets, ff											
		- local weak ep											
		(41.7-41.9 = fault zone											
		- dk grey gouge)											
		42.0 - 52.73				42.0-52.73		653	44.3	46.3	2.0	1197	65
		- local Kspar alt^n bands (up to 3cm				- local Kspar							
		wide), patches						654	46.3	48.3	2.0	1175	100
		45.50 - 60.70											
		- numerous fault zones											
		- 46.80-48.20 fault zone						655	48.3	50.3	2.0	859	45
		- 48.20-49.68 - fault zones											
		- local gouge, broken core zones											
		- 50.0-50.40 = local graphite						656	50.3	52.3	2.0	383	30
		- 52.73-54.77						657	52.3	54.3	2.0	364	50
		- bleached, altered zone											
		- light green, creamy, mottled						658	54.3	56.3	2.0	665	580
		appearance											
		- fairly abundant Kspar alteration bands						659	56.3	58.3	2.0	210	25

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-02

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
		- 57.90 - 58.42 - fault zone						660	58.3	60.7	2.4	267	15
		- grey gouge, broken core											
		- 59.0 - 60.70 = FAULT ZONE											
		- major fault, gouge, broken core											
		- no angles measurable											
60.70		DIORITE - SUBVOLCANIC - ANDESITE						661	60.7	62.7	2.0	57	10
		- ranges from fine grained diorite to subvolcanic andesite											
		- green grey overall appearance											
		- non-magnetic											
		- weak calcite veinlets											
62.70		- Similar to bottom of hole JK-94-01											
62.70		62.70 - 63.45 = EP + KSPR ALTN											
		- zone of strong to moderate epidote and Kspr alteration ± calcite veinlets											
		- in bands up to 7cm wide											
		- py ff (1-3mm wide) up to 2%											
63.45		- alt band at 070° to C.A @ 63.30m											
63.45		DIORITE - MONZONITE - ANDESITE				65.30 - 65.75:	- py = diss. + ff	662	62.7	64.7	2.0	68	10
						S, ep, Kspr, calcite	< 1%						
		- Similar to 60.70 - 62.70 plus:				chl ff with light	- py locally up	663	64.7	66.7	2.0	23	230
		- ranges from fine grained diorite -				turquoise blue Cu	to 2-3% in						
		monzonite to intermediate volcanic				oxide, clay or carbonate	ep + Kspr altn	664	66.7	68.7	2.0	85	90
		(subvolcanic)					zones						
		- locally (often) medium grained with				66.20 - 67.70		665	68.7	70.7	2.0	129	35
		grain size mode 1-2mm				- ep, Kspr, py							
						- 045° to C-A							

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-02

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)
		- f. grained magnetite throughout, variable 5-10%				- 66.27-67.70: -mod. calcite veinlets at low angle to core -local hem ff up to 3mm wide	
		- quite often pinkish feldspars - either a monzonite - monzodiorite intrusive or maybe a pervasive alteration feature as often near the strong ep+kspr alt^n zones there is an increase in pinkish feldspar grains				- 70.33-70.61: massive ep with kspr, calcite at 045° to CA	
		- however - looks like plain jane ordinary monzonite intrusive in other zones				71.20-74.40: ep, kspr, calcite, py	
		- local med-strong ep + kspr ± calcite, ± py alt^n zones - main ones noted				73.44-74.06: ep, kspr, weak calcite py at 045° to C.A.	
		- ~~good~~ varies between monzonite + diorite looking intrusive.				75.84-76.22 -ep bands up to 3cm wide, calcite veinlets up to 2cm @ 040° to C.A.	
		- 90.15-91.45 -pinkish cast to core, likely? kspr alt^n (not in bands, veins or ff) but pervasive and gradual - overall stronger zones - patchy but somewhat indistinct				85.10-86.95 ep, kspr, local calcite veinlets, tr-py -irregular pattern -kspr gradual into top (not bands)	
91.45		DIORITE to SUBVOLCANIC ANDESITE					
		- less pinkish cast on feldspars -f.grained diorite to subvolcanic andesite -grainsize <1mm, locally 1-2mm (finer overall than 63.45-91.45 section)				- 106.33-107.60 (core) -ep+kspr alt^n ep ff, kspr pervasive	
107.60 (EOH)							

SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)				
666	70.7	72.7	2.0	164	175				
667	72.7	74.7	2.0	162	10				
668	74.7	76.7	2.0	137	<5				
669	76.7	78.7	2.0	117	15				
670	78.7	80.7	2.0	167	20				
671	80.7	82.7	2.0	71	10				
672	82.7	85.1	2.4	137	10				
673	85.1	87.1	2.0	162	15				
674	87.1	90.1	3.0	162	15				
675	90.1	93.1	3.0	208	<5				

10676.

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-03 PAGE 1 of 10

DIAMOND DRILL LOG

COMPANY: TECK
PROJECT: 1722
PROPERTY: JOKER

NTS: 92I/9W
CLAIM: JOKER
ELEVATION: 937m
GRID COORD.:
NORTHING:
EASTING:

DATE: COLLARED JULY 19/94
: COMPLETED JULY 20/94
: LOGGED JULY 20/21, 1994

LOGGED BY: SJ.
CORE SIZE: NQ

DEPTH	DIP	AZ.
COLLAR	-50	225°
173.74m	-51	—

LENGTH: 173.74m
DEPTH OF OVB: 6.10m
CASING REMAINING: PULLED
WATERLINE LENGTH:
PROBLEMS: BLOCKY GROUND, SHORT RUNS, SLOW DRILLING

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
0-6.10		CASING - OVERBURDEN, RUBBLE (casing extended to 13.41m during drilling)											
6.10		FINE TO MEDIUM GRAINED DIORITE				- 9.00-9.14 = bleached zone with mod. Kspar, - epidote	tr. py - diss. mt up to 15-20% (mode 10%)						
		- modal grain size ≈ 1-2mm, ranges 0.5-3mm. - broken core, rubbly to 10.0m - weak to moderate epidote with local strong zones - usually associated with increased magnetite content (up to 20%) - weak to locally moderate calcite veinlets - local Kspar alt^n as irregular bands, ff - local carbonate alt^n coatings - common hem ff (narrow), irregular		-12.7-12.9 - strong ep with coarse mt		- 13.64-14.00: zone of strong ep alt^n as patches, irregular with 20% mt - 14.00-14.20 = bronze biotite = possibly 2nd^y		10676	12.7	14.7	2.0	161	5
		14.70-16.60 BRECCIA ZONE - brecciated diorite with Kspar, ep rich diorite matrix - clasts subangular to subrounded, margins altered by Kspar, ep - clasts range 1-6cm - no visible sulphides				- 14.60-14.70 = strong ep with mt - chlorite alt^n mod-strong throughout		677	14.7	16.7	2.0	83	5
		- magnetite fine disseminated to clots up to 6mm in diameter											

TECK EXPLORATIONS LIMITED 14.70-16.60

HOLE No. JK-94-03

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)				
		- grain size of diorite erratic and changes quickly from fine to medium - possible some changes are due to dykes															
		16.60 -				19.90-20.17 = Strong ep with coarse mt patches	- 18.30 = patch of 2ndry biotite?	678	16.7	18.7	2.0	21	10				
		- f.-m. grd diorite with abundant Kspr, ep ± albite irregular veining, bands					- local py patches at 19.65m, 21.65m,	679	18.7	20.7	2.0	232	5				
		- a stockwork appearance - very irregular - commonly grades into a brecciated diorite, the same as 14.70-16.60m - local patches of possibly 2ndry biotite - local crosscutting (later) calcite veinlets				- Common strong ep bands, patches with coarse mt		680	20.7	22.7	2.0	319	5				
		(19.20-19.90 = - zone of "abundant" siliceous white vein material) - possibly albite - mixed with Kspr and epidote, mt - gives a breccia appearance						681	22.7	24.7	2.0	17	10				
								682	24.7	26.7	2.0	702	25				
		- stronger hematite as wispy bands up to 2cm wide from 23.30-26.40 (@ 040° to CA at 26.30m)						683	26.7	28.7	2.0	21	5				
		- definite breccia zones at 21.55, 28.8-29.8m, all throughout actually!															
		- 29.4-29.8 = - breccia zone with abundant subangular dk grey f.grd diorite fragments from 2-8cm in size - also contains common 2-3 cm size pure white, strongly siliceous frags - possibly albitized						684	28.7	30.7	2.0	54	5				

29.15-.35.

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)
		- these albitized? clasts are postdated by Kspr altn fractures, fuzzy outline of albk frags				- 32.97-33.05: mosaic ep band with coarse mt	
		- 30.15-30.35					- tr ep at 30.21 m
		- breccia with 8cm Kspr altd diorite clasts in albite? matrix					
		- 36.4-37.35					
		- med-coarse grained diorite					
		- possibly a dyke but still has ep, Kspr altn and appears locally brecciated					
		- likely just a coarser phase of the intrusive					
		- 38.0-38.5; 40.36-40.54 = fault zones					
		- possible fault zones, grey green gouge + broken core, soft core					
		- 40.54 - 52.73					
		- med-coarse grained diorite					- 42.52-42.59: 2-26 ff. ep at contact of coarse + fine dio
		- grain size 3mm-8mm					
		- coarse mt up to 1cm					
		- still has Kspr, ep altn but less intense				- 47.50-47.60: strong ep with hematite, mt	
		- no obvious brecciation in coarse phase					
		- alternates with finer, more chloritic diorite that looks brecciated only locally and appears less ep, Kspr, alb altered overall					

SAMPLE DATA / RESULTS

SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
685	30.7	31.4	0.7	10	5
686	31.4	34.4	3.0	20	5
687	34.4	37.4	3.0	129	5
688	37.4	40.4	3.0	76	5
689	4[illegible]4	4[illegible].4	3.0	874	10
690	43.4	46.4	3.0	209	5
691	46.4	49.4	3.0	131	10
692	49.4	52.4	3.0	75	5

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE: ANGLES	STRUCTURE: VEINS	ALTERATION	METALLIC MINERALS (%)

52.73 - 65.50
- fine to coarse grained diorite (like above) with better Ksp, ep alt^n and local brecciation and common stockwork veinlets (still not as strong alt^n as top of hole)

(54.30 - 54.93, 58.26 - 58.46, 66.75 - 69.00
- possible fault zones
- local gouge, broken core)

65.50 - 68.35
- Similar to 40.54 - 52.73

68.40 - 71.50
- f grd. Ksp rich intrusive - possibly Ksp alt^n - it is variable but overall strong in this zone - not as ff or bands but pervasive
- contains diss cp? po?, py, mt throughout
- sulphide content highest in middle of section
- definitely an unique section - possibly a dyke
- upper/lower contacts broken core, top fracture at 020° to C.A.

71.50 - 77.50
- same as 65.50 - 68.35;

SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
693	52.4	55.4	3.0	124	5
694	55.4	58.4	3.0	97	5
695	58.4	61.4	3.0	45	5
696	61.4	64.4	3.0	1034	105
697	64.4	66.4	2.0	36	5
698	66.4	68.4	2.0	208	5
699	68.40	69.90	1.5	1092	65
700	69.90	71.50	1.60	235	5
701	71.50	73.50	2.0	94	55
702	73.5	75.5	2.0	9	10
703	75.5	77.15	1.65	60	40

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-03

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (g/t)	NOTE! ←
		(75.0-75.30 = possible fault zone - broken, soft core)												
		77.15-77.22 : - 1-3% cp in clots up to 5 mm wide, with semi-massive hem/spec hem - ~~contained in~~ enveloped by 020° to C.A Kspr (1-2cm wide) ~~[illegible]~~ and carbonate vein						704	77.15	78.50	1.35	~~[illegible]~~ 7360	2.46	g/t
		77.76-78.00 : - 1-2% splotchy cp (clots up to 1cm wide) with semi-massive bands (irregular) of specular hematite (~~[illegible]~~) - spec. hem occurs as clots and fine needles 5-6 mm long and 1 mm in width, bands up to 2cm wide - sulphides in a carbonate vein/altered zone in fine grained diorite.												
		78.56-78.61 : - ~~[illegible]~~ same as 77.78-78.00 plus: - Kspr alt^n vein						705	78.50	79.50	1.0	1.58	4.39	g/t
											(NOTE: Cu in %)			
		→ 79.15 - ~~[illegible]~~ 79.50 : "MAIN SULPHIDE ZONE" - 2-4% splotchy cp (up to 1.5cm wide) with semi-massive spec. hem (most massive of the sulphide zone) - top contact of carbonate-sulphide zone roughly 020° to C.A. - bottom contact also very low angle to core ~~[illegible] - [illegible]~~ ;												

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-03

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
		-host of cpt spec-hematite mineralized zones and rock between is weak to mod. altered fine-med-grained diorite											
		- weak to mod. Kspr, w-ep											
		- mod. carbonate											
		- contains local 1% cp splotches, usually in ff with Kspr, carbonate.											
		79.50 – 100.80					- tr-py	706	79.5	81.50	2.0	311	30
		- med to locally fine + coarse grained diorite with moderate Kspr altn (veins, bands), ep (bands, patches), carbonate (veinlets, f. coatings)				87.55-88.33 = zone of mod-strong Kspr altn, irregular bands, patches	- mt - fine to coarse grd mode 10-15%, up to 20% locally.	707	81.50	83.50	2.0	126	5
		- still has stockwork network (of alteration noted above) with local brecciated zones						708	83.5	85.5	2.0	68	5
							-	709	85.5	87.5	2.0	24	5
		(90.00-90.44 = possible fault zone + broken, soft core)						710	87.5	90.44	2.94	472	45
								711	90.44	92.72	2.28	286	5
		92.72 - 93.06 = CP - SPEC HEM ZONE.						712	92.72	93.72	1.0	5525	185
		- 92.72-92.73 = 3cm band (at 050° to C.A) of massive spec hem (± mt) with splotchy cp (ca. 2%)											
		- 92.73-93.06 = local, narrow ff cp blebs; local spec hem blebs											
		- 93.06-93.16 - narrow (<1cm) band (f.f). of massive spec hem (± mt) with splotchy cp roughly parallel to core											

TECK EXPLORATIONS LIMITED

18-9 93.06.

HOLE No. JK-94-03

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE: ANGLES	STRUCTURE: VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
		-Still locally abundant fine to coarse bronzey brown secondary? biotite throughout				-abundant secondary? biotite 97.7m-99m, 99.8-101.0m		713	93.72	95.72	2.0	39	5
		(96.35-96.55, 97.53-97.73 - possible fault zone, broken, soft core)						714	95.72	98.72	3.0	100	10
		- 99.80-99.90 - narrow fracture-fill spec. hematite with weak cp (<1%)						715	98.72	100.80	2.08	105	30
		- 100.80-102.50 -same as 68.40-71.50 plus: - w-mod. ep alt^n, fine splotches					-w-m. fine grd py, cp? (<1%)	716	100.80	102.50	1.7	614	40
		- 102.50-115.20 -fine to medium grained diorite with moderate stockwork fracturing and local brecciation, local coarse grained zones					-109.25-109.35: semi-massive spec hem with 1% cp	717	102.50	105.5	3.0	37	5
								718	105.5	108.5	3.0	36	20
		- fracture fill Kspr, ep, calcite						719	108.5	111.5	3.0	100	10
		- still abundant mt throughout -diss + in clots to 1.5cm in size											
		- ep = weak to locally moderate						720	111.5	113.5	2.0	20	5
		-Kspr - weak to locally moderate.											
		- local spec hem throughout, often concentrated in bands, zones						721	113.5	115.2	1.7	80	35
		115.20 - 118.50						722	115.20	116.20	1.0	795	80
		- cp, py, spec hem, massive mt bands in increased Kspr, carbonate altered zone						723	116.20	117.20	1.0	614	60
		- 115.20-115.23 = massive mt band at 030° to C.A.						724	117.20	118.20	1.0	594	55
		- local splotchy cp throughout zone, usually associated with spec hem, in ff, splotches - only weak epidote						725	118.2	120.2	2.0	612	25

09.25.25

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-03

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE: ANGLES	STRUCTURE: VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
		-overall cp < 0.5% - calcite veinlets irregular pattern, mm to 3cm wide - Still in same host diorite breccia											
		118.50 - 142.65 - fine to medium grained diorite with moderate to locally strong calcite veinlets (mode 1-4mm wide) at random orientations to core axis - stockwork appearance - only local Kspar and cp ff, veining - predominantly calcite veinlets and local veins up to 10cm - locally brecciated as in hole upsection - local bronzy biotite throughout - possible		- calcite veinlets from parallel to core to 0-90° to CA. (very random)				726	120.2	123.2	3.0	30	10
		secondary? - ff, wispy to blotchy spec hem throughout, locally concentrated and locally contains ff cp - spec hem quite often associated with this calcite veinlets		"				727	123.2	126.75	3.55	27	70
		(123.63 - 125.40 FAULT ZONE - top contact sharp, at high angle to CA (≈ 70°) - Soft, etched out core)											
		126.75 - 128.95 • WEAK SULPHIDE ZONE - weak sulphide zone of spec hem ff (in calcite veinlets) with local cp ff, splotches - overall cp < 0.5% and local py						728	126.75	128.95	2.2	112	10

TECK EXPLORATIONS LIMITED 128-93

HOLE No. JK-94-03

DEPTH (metres) FROM TO | GRAPHIC | DESCRIPTION | RECOVERY | STRUCTURE: ANGLES, VEINS | ALTERATION | METALLIC MINERALS (%) | SAMPLE DATA | RESULTS

137.30 - 142.65:
- mod. ep alt^n (up to 10cm zones of strong ep)
and Kspar alt^n

126.75 - 142.65:
- general overall appearance darker, more chloritic and andesite volcanic looking but still a diorite intrusive, locally brecciated, commonly stockworked

142.65 - 173.74 (EOH) - FAULT / ANDESITE

Metallic minerals: - very local trace py

- Pyroxene porphyritic andesite volcanic (likely Nicola) in a semi-continuous fault zone
- alternates between faulted volcanics - soft, etched core, common chlorite ± hematite slickensides
- pyroxenes mm - 1cm, variably carbonate, chlorite altered
- weak - l. mod. magnetic
- appears drill hole goes in and out of fault zone - a possibility that hole subparallels fault ~~[illegible]~~? weak-mod calcite veinlets - not as ~~[illegible]~~ abundant as in intrusives above!

142.65 - 147.30:
- fault zone, only cm sections in faulted rock
- bottom contact 045°

147.30 - 147.90:
- pyroxene porphyritic Andesite
- 147.75 - 147.90: ~~carbonate~~ bleached zone with carbonate, Kspar alteration -
- bottom contact 070°

SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
729	128.95	131.95	3.0	780	40
730	131.95	134.95	3.0	98	25
731	134.95	137.15	2.2	166	20
732	137.15	139.65	2.5	172	5
733	139.65	142.65	3.0	175	5
734	142.65	145.65	3.0	284	5

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-03

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	RESULTS						
		-147.90-149.25 = fault zone																
		-149.25-151.10:																
		- Pyroxene porphy. And																
		-151.10-156.36																
		= mixture of Andesite and very broken,																
		crumbly core (fault) and gouge																
		-156.36-158.70																
		= dominantly Andesite with local fault																
		-158.70-160.00: fault zone																
		-bottom contact 045°																
		-160.00-~~172.00~~ 161.00 = Andesite																
		= bottom contact 060°																
		-~~[illegible]~~																
		-161.00-173.74 = fault zone																
		-very local preserved pyroxene porphy. Andesite volcanic sections																
		ie 167.17-167.45																
		-bottom contact at 045°																
		- preserved sections / chunks appear as																
		breccia fragments locally - ie solid clasts																
		in a soft, etched host (fault)																

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-04 **PAGE** 1 **of** 5

DIAMOND DRILL LOG

COMPANY TECK
PROJECT 1722
PROPERTY JOKER

NTS 92I/9W
CLAIM JOKER
ELEVATION 937m
GRID COORD. - SAME COLLAR LOCATION AS JK-94-03
NORTHING
EASTING
(53 TOTAL SAMPLES)

DATE : COLLARED JULY 21/94
: COMPLETED JULY 22/94
: LOGGED JULY 22/23, 1994
LOGGED BY : SJ.
CORE SIZE : NQ

DEPTH	DIP	AZ.
COLLAR	-50	045°
121.62m	-50	—

LENGTH : 121.62 m
DEPTH OF OVB : CASING = 9.14m
CASING REMAINING : PULLED
WATERLINE LENGTH :
PROBLEMS :

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
0–9.14m		Casing - Overburden, rubble											
9.14		DIORITE BRECCIA					- tr. py locally						
								10735	10.3	12.3	2.0	180	<5
		- fine to medium grained diorite with very				- med. chlorite	- 11.4–11.5:						
		common stockwork appearance and fairly common brecciation				throughout	1% cp ff with	736	12.3	14.3	2.0	12	<5
		- Stockwork = abundant irregular calcite veinlets				- weak to locally	spec hem, Ct, cp, Kspr						
		(mode ≤ 3mm), epidote alt'n (ff, clots, diss, bands up to 4cm)				moderate/strong ep		737	14.3	16.3	2.0	11	5
		Kspar alt'n (ff, bands, clots, ± diss)				- overall weak Kspr	- 16.85–17.20:						
		- basically the same as hole JK-94-03 → to hematite				with local bands,	weak py	738	16.3	17.3	1.0	844	30
		- locally abundant specular hematite (usually				patches moderate.							
		greater concentrations with carbonate clots, ff)				- moderate carbonate	- 17.08–17.15:	739	17.3	18.3	1.0	27	10
		- fairly abundant f-med. grained magnetite throughout				alt'n overall.	1-2% cp in spec-hem						
		with common coarse blebs up to 1cm in size.					bands (up to 1cm wide)	740	18.3	19.3	1.0	50	<5
		- local cp ff, clots - found in carbonate ff, clots											
		with spec hem ± cp ± Kspr.					- 19.35–19.55:	741	19.3	20.3	1.0	812	100
		- tr. py locally.					weak cp						
		- Ct veinlets, ff at all angles to C.A.											
		(multiple phases)					- 21.20–21.29:	742	20.3	21.3	1.0	112	<5
		- fairly common local bronzey biotite - again					- weak cp ff						
		possibly secondary?						743	21.3	22.3	1.0	57	<5
							- 22.67–23.30:						
							- local weak ep ff,						
							clots						

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-04

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)
		- local coarse grained diorite sections, irregular - breccia fragments range in size from <1cm to 78cm, subrounded to subangular - clasts = fine to med-grained diorite, - matrix = same diorite as clasts with variable carbonate, epidote + Kspr altn - clasts - can be altered also, not as common or as much as matrix generally				37.34 - 37.85: mod ep altn, needle ep xtals 48.48 - 48.90: pink Kspr altn in breccia matrix	22.67 - 22.78: - 3-4% cp clots in spec hem bands in carbonate zone (incl. 2cm massive hem band (with cp) at 22.69-22.71 @ 060° to C.A
		- 43.77 - 44.34 - coarse grained diorite dyke? - top contact at 065° to C.A.					
		- 53.93 - [illegible] - ([illegible])? 67.93 - fault zone with soft, etched core with sections of preserved, non-faulted core and sections of strongly broken core - local fault breccia zones - 67.88 - 67.93 - 5cm fault zone at 030° to C.A. - fragments - angular to subrounded, [illegible] 2cm, diorite, altd alt frags, Kspr alt frags,					
		- 53.90 - 55.60: - mineralized section with patches of 1-2% cp ff, blotchy in carbonate veinlets, ff and ± spec hem / hem. ± epidote.					53.90 - 55.60: weak py, cp (<0.5% overall)
		56.83 - 68.70 - moderately to locally strongly Kspr altered f-grd diorite - diorite breccia (same as uphole) - most of altn is pervasive with broad Kspr bands (usually at 070 to C.A.)					

SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
744	22.3	23.3	1.0	2568	350
745	23.3	25.3	2.0	495	15
746	25.3	28.3	3.0	123	<5
747	28.3	31.3	3.0	19	<5
748	31.3	34.3	3.0	126	<5
749	34.3	37.3	3.0	80	<5
750	37.3	40.3	3.0	44	5
751	40.3	43.3	3.0	56	5
752	43.3	46.3	3.0	116	10
753	46.3	49.3	3.0	17	5
754	49.3	51.3	2.0	57	10
755	51.3	53.78	2.48	253	55
756	53.78	54.78	1.0	1013	40
757	54.78	55.78	1.0	1628	145
758	55.78	57.78	1.0	143	10
759	57.78	58.78	1.0	1395	540
~~760~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~		

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-04

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)
		58.35-58.47:					
		-massive-semi-massive Kspr bands (080° to CA) with spec hem and cp (≤1-2%)					
		- 64.05-64.80: MINERALIZED ZONE					
		- mineralized zone in Kspr alt. zone					
		- 64.05-64.07 = massive spec hem band with 2-3% cp in clots (up to 2cm). at 060-050° to C.A					
		- 64.07-64.27 = ff. spec hem + cp (<2%) at low angle to C.A (right next to high angle band)					
		- 64.27-64.80 = weak cp ff					
		- 67.20-68.80 =					
		- mineralized zone					
		- weak ff cp ~~with~~ (<1% overall) with spec hem, in Kspr alt zone					
		- 69.90-70.20,					
		- mineralized zone, host weak alt diorite					
		- semi-massive to massive Kspr bands (at high angle to CA) with ff, clots spec hem, cp (2%) in clots (up to 2cm)					
		- 70.51-70.56					
		- mineralized zone					
		- same as 69.90-70.20					
		weak cp ff at 71.26, 73.35-73.60, 74.11-74.13, 76.7-76.9					
		68.80-80.20					
		- fine to very locally med. grnd diorite					
		- "local" pervasive Kspr alt^n like 56.63-68.80					
		- not as brecciated as uphole, not as many calcite veinlets, ep etc..					
		- local ff cp, spec hem zones					

SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)				
760	58.78	61.87	3.09	104	45				
761	61.87	63.80	1.93	127	140				
762	63.8	64.8	1.0	3630	2.45 g/t (*NOTE: g/t)				
763	64.8	65.8	1.0	133	30				
764	65.8	66.8	1.0	213	55				
765	66.8	67.8	1.0	393	110				
766	67.8	68.8	1.0	865	375				
767	68.8	69.8	1.0	277	65				
768	69.8	70.8	1.0	1213	350				
769	70.8	72.8	2.0	182	30				
770	72.8	74.8	2.0	211	15				
771	74.8	76.9	2.1	239	60				
772	76.9	80.2	3.3	938	255				

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-04

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)
		80.20 – 115.40					
		- fine to med-grd (locally coarse grained) diorite with stockwork appearance and breccia					
		- still med-strong randomly oriented calcite veinlets					
		- only weak, local ep + kspr alt^n overall with local mod. alt^n zones - <10cm wide					
		- dark green grey overall color.					
		- s. chl alt^n					
		- still mod hem, local spec hem ff, mod-strong magnetite					
		- only v. local tr. cp. [illegible], py ff					
		(84.88 – 85.45: - bleached zone = Kspr, carbonate + weak alteration)					
		93.00 – 100: - a general increase in ep + kspr alt^n zones (especially Kspr - bands, ff, pervasive) - still same diorite host rock.					
		96.60 – 99.40: - weakly mineralized zone - weak cp ff (<1%) with spec hem/hem associated with carbonate veinlets, often with kspr alt^n bands (alt^n bands usually at high angles to C.A)					
		104.80 – 106.00: - mineralized zone - similar to 96.60–99.40 but this zone a bit more cp (1-2% narrow zones)					
		107.70 – 110.70 - abundant thick Kspr veins/syenitic dykes? - ~~strong~~ mod-strong pervasive Kspr alt^n between solid Kspr veins/dykes					

SAMPLE NO	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
773	80.2	83.2	3.0	21	5
774	83.2	86.2	3.0	14	<5
775	86.2	89.2	3.0	34	<5
776	89.2	92.2	3.0	29	15
777	92.2	95.2	3.0	86	40
778	95.2	97.2	2.0	13	30
779	97.2	99.4	2.2	295	45
780	99.4	101.9	2.5	39	5
781	101.9	104.8	2.9	95	10
782	104.8	106.0	1.2	926	50
783	106.0	107.70	1.7	187	15
784	107.7	110.7	3.0	30	45

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-04

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE: ANGLES	STRUCTURE: VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA: SAMPLE NO.	FROM	TO	LENGTH	RESULTS: Cu (ppm)	Au (ppb)
		115.40 - 119.77:						785	110.7	113.7	3.0	81	20
		- sichloritic, dark green fine grained diorite											
		to Andesite						786	113.7	116.7	3.0	52	45
		- abundant calcite veinlets, soft overall											
		- fairly soft overall - possibly faulted - nearing Andesite fault zone!											
		- [illegible] 119.18 - 119.65:											
		- same as 107.70 - 110.70						787	116.7	119.77	3.07	54	20
		- top contact 075°, sharp											
		119.77 - 121.62m (EoH): ANDESITE / FAULT ZONES											
		- fault zone in pyroxene porphyritic											
		Andesite											
		- same as bottom of hole JK-94-03											
		- top contact 045°											
		- alternates between faulted, soft, ditched											
		core and solid core (like hole JK-94-03)											
121.62 (EoH)													

1 - 36
2 - 39
3 - 59
4 - 53 // 187.

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-05 PAGE 1 of 4

DIAMOND DRILL LOG

COMPANY TECK
PROJECT 1722
PROPERTY JOKER

NTS 92I/9W
CLAIM JOKER
ELEVATION 934m
GRID COORD.
NORTHING
EASTING

DATE : COLLARED JULY 22/94
: COMPLETED JULY 26/94
: LOGGED JULY 23, 26/94

LOGGED BY : SJ
CORE SIZE : NQ

DEPTH	DIP	AZ.
COLLAR	-50°	225°

LENGTH : 64.90m
DEPTH OF OVB : 10.06m
CASING REMAINING :
WATERLINE LENGTH :
PROBLEMS :

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
0-		CASING = overburden, rubble.											
10.06		10.06-15.40 : DIORITE BRECCIA						10788	10.06	13.11	3.05	22	<5
		-fine to medium grained diorite											
		- has stockwork and breccia characteristics											
		similar to previous holes JK-94-03, 04						789	13.11	16.15	3.04	68	<5
		- only weak, local ep+ Kspar altn											
		- still abundant fine to coarse grd magnetite											
		throughout - locally more concentrated zones											
		15.40-19.88:											
		- Same rock type but faulted as depicted						790	16.15	19.20	3.05	206	<5
		by softer core, etched											
		- abundant irregular calcite veinlets, dark											
		chloritic overall color.											
		- mod-strong hematite wisps, bands (mode at ~50° to C.A. but irregular)											
		- local zones of indurated diorite.											
		- weak to moderate ep, Kspar altn as											
		wisps, ff, bands, patchy.											
		19.88-43.85.											
		- Same as 10.06-15.40 plus:											
		- moderate Kspar (ff, bands, patchy) and											

TECK EXPLORATIONS LIMITED

45??-41.

HOLE No. TK-94-05

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE: ANGLES	STRUCTURE: VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
		ep (ff, patchy, bands) alt^n						791	19.20	20.25	3.05	87	<5
		- moderate randomly orientated calcite veinlets											
		22.13-22.76 = fault zone						792	20.25	25.30	3.05	87	<5
		= soft, gougy + broken core											
		- top contact @ 060° (not great)					tr. cp, py at → 30.32, 31.12, 33.15, 39.08, 43.65m,	793	25.30	28.35	3.05	57	<5
		- local, narrow fault? zones throughout - broken core, soft..						794	28.35	31.39	3.04	78	<5
								795	31.39	34.44	3.05	83	<5
		- local tr. cp, py ff						796	34.44	37.49	3.05	135	<5
		- 43.65-44.63 = Bleached zone					43.65-44.63						
		- bleached zone = some dio. bx rock type with ep/kspr alt^n and hem ff with cp, py ff (<0.5% overall)					- weak cp, py ff.	797	37.49	40.54	3.05	93	130
								798	40.54	43.59	3.05	122	<5
		- hem ff, bands @ 080° to CA at 45.25m											
		- 45.33-45.41 = coarse grd diorite dyke						799	43.59	46.63	3.04	206	<5
		- at 030° to CA, sharp contact - calcite ff on contacts											
		- tr. cp, patchy, ff.											
		- 46.40-46.90 = coarse grd dio. dyke						800	46.63	47.63	1.0	56	<5
		- same as 45.33-45.41											
		- top/bottom contacts irregular - appear low angle											
		- 43.65 - 54.46m											
		- weak ep, Kspr alt^n overall											

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-05

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
		48.05–48.63 = WEAKLY MINERALIZED ZONE				48.46–48.60:		801	47.63	48.63	1.0	273	<5
		- cp ff, splotchy with hem/spec hem in calcite				mod-strong perv. Kspar							
		veinlets – cp to 2-3% locally (over 2-3cm)				alt							
		- 48.31–48.33 = spec hem/hem – calcite veinlet/											
		band @ 030° to C.A with 3% cp, splotchy											
		- ~~48.05~~ hem ff at 48.20 @ 070° to C.A.											
		-											
								802	48.63	49.60	1.05	125	<5
		(51.0–51.26 = fault zone											
		- gouge, broken core, no angles)						803	49.68	52.00	2.32	81	<5
		→ 52.00–52.02					52.00–52.02:	804	52.0	53.0	1.0	228	<5
		• 2cm massive hem band with weak cp					Massive hem band						
		- band at 050° to C.A.					± cp						
							52.58 = cp ff.	805	53	54.9	1.9	66	<5
		54.46–54.90											
		• high density of wispy hem bands/wisps											
		at roughly 045° to C.A.											
		- hem/chl. slickenside											
		54.90–62.90 = FAULT ZONE / ANDESITE??					54.90–63.90 =	806	54.9	57.9	3.0	577	240
		- similar to bottom of holes 94-03/04					weak py ≤ 1-2%.						
		- dk green chloritic, soft, etched core					patchy, ff.	807	57.9	60.9	3.0	597	<5
		← local dyke? – bleached, creamy color											
		at 55.43–55.59, 56.00–56.10,											
		56.50–56.71, 62.42–62.60 (tr. cp)					tr. cp at 63.50						
		- ~~locally looks like pyroxene porphyry~~											
		~~Andesite.~~											
		- zones at 045° to CA											

.42–.60

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-05

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
		- fault zone = local sections of indurated core - locally pyroxene porphyry Andesite.						808	60.9	62.9	2.0	1489	<5
64.90 (EOH)		- 62.90-64.90 (EOH) ([illegible]) - gray to black, fine grained? - gray matrix with abundant black, chloritic wisps, patches - mod. magnetic - diff. than fault zone material. - locally a blue oxide material.						809	62.9	64.9	2.0	9	<5

TECK EXPLORATIONS LIMITED

DIAMOND DRILL LOG

HOLE No. JK-94-06

COMPANY TECK
PROJECT 1722
PROPERTY JOKER

NTS 92I/9W
CLAIM JOKER
ELEVATION 938
GRID COORD.
NORTHING
EASTING

DATE: COLLARED JULY 28/94
: COMPLETED JULY 29/94
: LOGGED JULY 29/94

LOGGED BY: SJ.
CORE SIZE: NQ

DEPTH	DIP	AZ
COLLAR	-50°	225°
150.27m	-49°	—

LENGTH: 150.27 m
DEPTH OF OVB: 15.24 m
CASING REMAINING:
WATERLINE LENGTH:
PROBLEMS:

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
0-15.24		CASING- overburden, rubble											
15.24		DIORITE BRECCIA				-weak ep, Kspr	-local, tr. py						
		- light to dark grey, local coarse grained, narrow zones				overall		10810	16.15	19.20	3.05	228	170
		- fine to medium grained diorite breccia				-local stronger ep	- mod. fine to med.						
		- Same rock as holes JK-94-03,4,5.				altered zone	grained magnetite	811	19.20	20.25	3.05	96	40
		- has stockwork and brecciation				- mod. chl throughout	throughout (10-20%)						
		- Stockwork defined by abundant calcite				hole							
		veinlets (mode <2mm diameter), wispy hematite				- abundant calcite veinlets		812	22.25	25.30	3.05	871	50
		(with local specular hematite), patchy, wispy +											
		zones of epidote altn, local ~~Kspr~~ Kspr altn				- 27.90-28.80 =							
		(cc veinlets)				mod ep altn, patchy,							
		- breccia similar to other holes				bands.							
		- fragments = diorite, <1cm-8cm, subrounded						813	25.30	28.35	3.05	41	30
		to subangular				37.65-38.60 =		~~813~~					
		- matrix = diorite, abundant calcite veinlets.				- mod. ep. altn		814	28.35	31.39	3.04	156	20
								815	31.39	34.44	3.05	68	<5
		- 43.20-44.44						816	34.44	37.49	3.05	55	<5
		- abundant (very) calcite veinlets, in pseudo-bands						~~817~~	~~28.35~~	~~31.39~~	~~3.04~~		
		up to 4cm wide					- 46.68-46.83 =	817	37.49	40.54	3.05	192	<5
		- crosscutting, at high angle and parallel to core					2% py ± cp ff.	818	40.54	43.59	3.05	164	<5
		- has at approx low angle (≈020°) offset					49.05, = Mo ff.	819	43.59	46.63	3.04	106	<5
		by later 070-080° veinlets.						820	46.63	49.68	3.05	1840	60
								821	49.68	52.73	3.05	257	<5

TECK EXPLORATIONS LIMITED 130-67-921

HOLE No. JK-94-06 90.55

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE: ANGLES	STRUCTURE: VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)	RESULTS	
		53.08-54.00					4'	822	52.73	55.78	3.05	101	<5		
		- possible "albitized" diorite breccia						823	55.78	58.83	3.05	118	<5		
		- white, siliceous frags + matrix						824	58.83	61.87	3.04	608	<5		
								825	61.87	64.92	3.05	110	<5		
								826	64.92	67.97	3.05	373	<5		
		68.80-69.03 = fault zone					- 69.00-69.03 =	827	67.97	71.02	3.05	277	20		
		- green grey gouge with carbonate and					2% cp, splotchy								
		potassically altered diorite, local cp blotches					in calcite vein	828	71.02	74.07	3.05	238	20		
		up to 2% (mainly 69.00-69.03)													
		- 68.90 ∠ at 020° to CA } warps													
		- 69.03 - at 045° to CA						829	74.07	77.11	3.04	393	<5		
		78.40-94.83													
		- general increase in amount and intensity													
		of potassic alteration as bands, patches,						830	77.11	79.0	1.89	264	75		
		pervasive zones, ± ep. alt^n, lots calcite veinlets													
		78.80-79.40													
		- increase in py, tr. cp ff.													
		79.60-80.00 : mineralized zone						831	79.0	80.0	1.0	266	110		
		- cp ff, splotches up to 3% locally, ± 1-2% py.													
		- associated with Ksp, spec hem, calcite						832	80.0	81.0	1.0	3187	2.09	g/t	(* Not g/t)
		veinlets, ± ep. alt^n - same as other holes													
		- 80.00-81.75 = strongest mineralization						833	81.0	82.0	1.0	1962	295		
		≤ 2% cp overall													
		- fracture sets roughly parallel to core													
		- somewhat irregular													

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-06

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
		82.00 – 83.00 = tr. cp, py						834	82.0	83.0	1.0	282	110
		– 83.00 – 89.00 = mineralized zone						835	83.0	84.0	1.0	1490	600
		– similar to 79.60 – 82.00 plus											
		– 84.00 m = 2 cm spec hem band enveloped by calcite with splotchy cp, band at 030° to CA						836	84.0	85.0	1.0	579	105
		– 85.85 = 4 cm wide calcite, spec hem, cp zone at 035° to CA (≈ 2% cp)						837	85.0	86.0	1.0	4672	490
								838	86.0	87.0	1.0	3707	330
		– 87.00 m = 2 cm band (carb) with 3% cp at 010–020° to CA.						839	87.0	88.0	1.0	518	50
								840	88.0	89.0	1.0	1312	260
		89.0 – 94.83 = only tr. py, cp, very local						841	89.0	92.0	3.0	74	30
		– very weakly altered diorite breccia											
								842	92.0	94.85	2.85	96	20
		90.65 – 91.30 = coarse grained diorite – possible dyke?, no angles measurable.											
		94.83 – 96.00						~~843~~					
		– strongly potassically altered diorite											
		– pervasive alteration.											
		– only weak ep, weak-mod. calcite veinlets											
		94.83 – 96.00 = "STRONGEST mineralized zone"						843	94.85	96.00	1.15	2.08%	10.21 g/t ←
		– splotchy cp throughout strongly altered zone, weak-mod spec hem ff, patchy.								* (note: Cu in %, Au in g/t)			
		– overall probably 3% cp											
		96.00 – 98.00						~~844~~	~~96.0~~	~~97.50~~	~~1.50~~		
		– moderate pot. altn = as bands, ff not pervasive											
		– decrease (altn) down hole											

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-06

DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
96.00-98.00 = WEAKLY MINERALIZED ZONE	844	96.0	97.0	1.0	4554	265
- weak cp ff, patchy (< 1% overall)	845	97.0	98.0	1.0	6130	730
- ff with spec. hem, kspr, calcite.						
98.00 - 100.00 = weak, local cp., only local	846	98.0	100.0	2.0	274	40
weak ep, kspr alt^n in dio. breccia						
100.45 - 100.90: "fault zone"	847	100.0	101.5	1.5	249	10
- green grey gouge						
- top contact ≈ 080° (approx, broken core)						
101.[illegible] - 104.65 = "fault zone"	848	101.5	104.65	3.15	36	<5
- soft, etched core, local zones of						
well indurated core						
- moderate hematite (not spec) throughout						
- local mod. ep. alt^n						
- strong chlorite throughout						
- most angles (fractures, wisps) at 045° - 010° - 000° to CA.						
104.65 - 105.20	849	104.65	107.65	3.0	107	<5
- weakly altered (local) diorite breccia						
- "						
105.20 - 105.75						
- abundant hematite bands, wisps at						
045° to CA to parallel to CA (warped)						
	850	107.65	110.65	3.0	53	<5
- 10[illegible].55 = hem. band (2cm) at 045° to CA.						
	851	110.65	113.69	3.04	43	<5
- 112.50 - 112.65:						
- weakly mineralized fracture zone with splotchy						
cp (up to 1.5cm dia.) in wispy / banded						

TECK EXPLORATIONS LIMITED

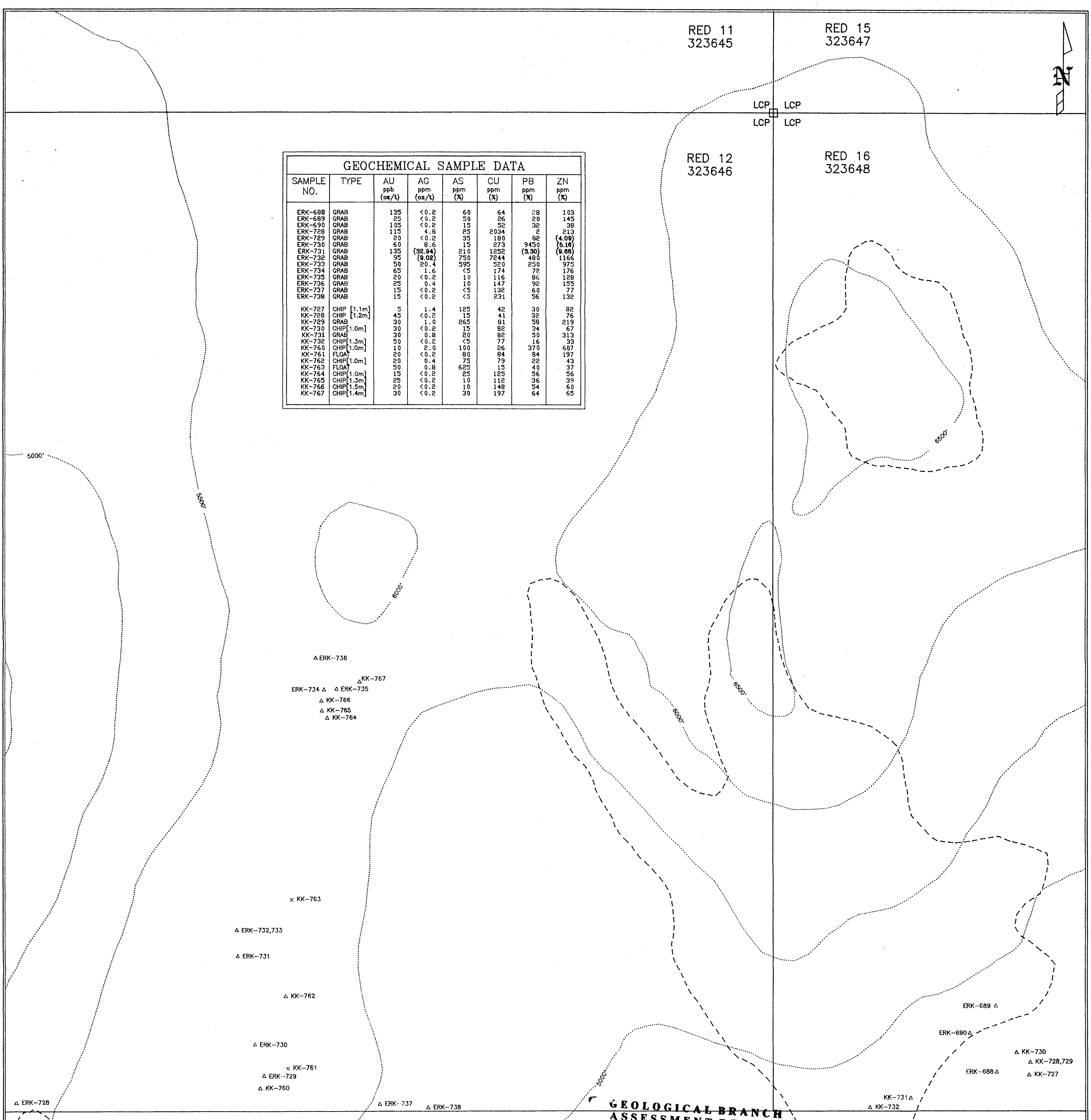
HOLE No. JK-94-06

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)
		hem-spec hem / calcite veinlets											
		- zone at 045° to C.A.						852	113.69	116.74	3.05	330	<5
		114.10-1M.50											
		- weakly mineralized zone											
		- mod. potassic altn, local ep altn						853	116.74	119.79	3.05	37	<5
		- main bands @ 030° to CA - variable						854	119.79	122.83	3.04	35	<5
		- ff, splotchy cp (<1% overall) with spec						855	122.83	125.88	3.05	375	<5
		hem and calcite						856	125.88	128.93	3.05	36	<5
		at 132.50 - still											
		- 117.00 - 132.42											
		- increase in ep altn - often moderate locally											
		- wisps, bands, patchy						857		NO	SA	MPL	E.!!
		- 117 - 129 = commonly broken core,						858	129.92	130.92	1.0	1558	305
		- 130.69 - 130.92 = weakly mineralized zone						859	130.92	132.42	1.5	302	15
		- 1-3% cp, splotchy, with spec hem and											
		calcite veinlet zones, subparallel to core.											
		(130.69 - 131.40 = mod. hem wisps, bands)											
		- 131.18 = weak cp. ff.											
		- 131.40 - 132.42 ;											
		- mod. potassic alteration, irregular bands,											
		zones											
		- 132.42 - 139.00						860	132.42	135.03	2.61	125	10
		- mod. ep altn as bands, patches, ff.											
		- weak kspr., mod hem ff, bands up to 5cm wide						861	135.03	138.07	3.04	18	20
		- 139 - 150.27 (EOH)											
		- weak to locally mod. ep. altn						862	138.07	141.12	3.05	38	<5
		- weak to local mod (narrow) kspr altn as bands											
		(weak overall potassic)											

TECK EXPLORATIONS LIMITED

HOLE No. JK-94-06

DEPTH (metres) FROM / TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE ANGLES	STRUCTURE VEINS	ALTERATION	METALLIC MINERALS (%)	SAMPLE NO.	FROM	TO	LENGTH	Cu (ppm)	Au (ppb)				
		142.7-143.7 zfault zone						863	141.12	144.17	305	24	15				
		-broken core, local gouge															
								864	144.17	147.22	305	33	45				
		-144.17-144.60 - fault zone						865	147.22	150.29	305	24	10				
		- greengray gouge, broken core															
		- gouge at 045° to C.A.															
		-ep, kspr, hbm bands. range from															
		045° to CA to sb parallel throughout.															
		-same diorite, fine to medium (locally															
		coarse) grained breccia to end of hole.															



GEOCHEMICAL SAMPLE DATA							
SAMPLE NO.	TYPE	AU ppb (oz/t)	AG ppm (oz/t)	AS ppm (%)	CU ppm (%)	PB ppm (%)	ZN ppm (%)
ERK-688	GRAB	135	<0.2	60	64	28	103
ERK-689	GRAB	25	<0.2	50	26	20	145
ERK-690	GRAB	105	<0.2	15	52	32	38
ERK-728	GRAB	115	4.8	25	2034	2	213
ERK-729	GRAB	20	<0.2	35	180	82	(4.09)
ERK-730	GRAB	60	8.6	15	273	9450	(6.16)
ERK-731	GRAB	135	(32.94)	210	1252	(3.30)	(9.68)
ERK-732	GRAB	95	(9.02)	750	7244	480	1166
ERK-733	GRAB	50	20.4	595	520	250	975
ERK-734	GRAB	65	1.6	<5	174	72	176
ERK-735	GRAB	20	<0.2	10	116	86	128
ERK-736	GRAB	25	0.4	10	147	92	155
ERK-737	GRAB	15	<0.2	<5	132	60	77
ERK-738	GRAB	15	<0.2	<5	231	56	132
KK-727	CHIP [1.1m]	5	1.4	125	42	30	82
KK-728	CHIP [1.2m]	45	<0.2	15	41	32	76
KK-729	GRAB	30	1.0	265	81	58	219
KK-730	CHIP[1.0m]	30	<0.2	15	82	34	67
KK-731	GRAB	30	0.8	20	82	50	313
KK-732	CHIP[1.3m]	50	<0.2	<5	77	16	33
KK-760	CHIP[1.0m]	10	2.0	100	26	370	607
KK-761	FLOAT	20	<0.2	80	84	84	197
KK-762	CHIP[1.0m]	20	0.4	75	79	22	43
KK-763	FLOAT	50	0.8	625	15	40	37
KK-764	CHIP[1.0m]	15	<0.2	25	125	56	56
KK-765	CHIP[1.3m]	25	<0.2	10	112	36	39
KK-766	CHIP[1.5m]	20	<0.2	10	148	54	60
KK-767	CHIP[1.4m]	30	<0.2	30	197	64	65

LEGEND

CHIP OR GRAB SAMPLE Δ ERK-728
FLOAT SAMPLE × KK-761
ICE EDGE*
CONTOUR INTERVAL: 500 ft. 5000'

*FROM GOV'T. TOPOGRAPHIC MAPS, ACTUAL EDGE OF ICE FIELD HAS RECEDED IN MANY PLACES DUE TO ABLATION.

GEOLOGICAL BRANCH ASSESSMENT REPORT

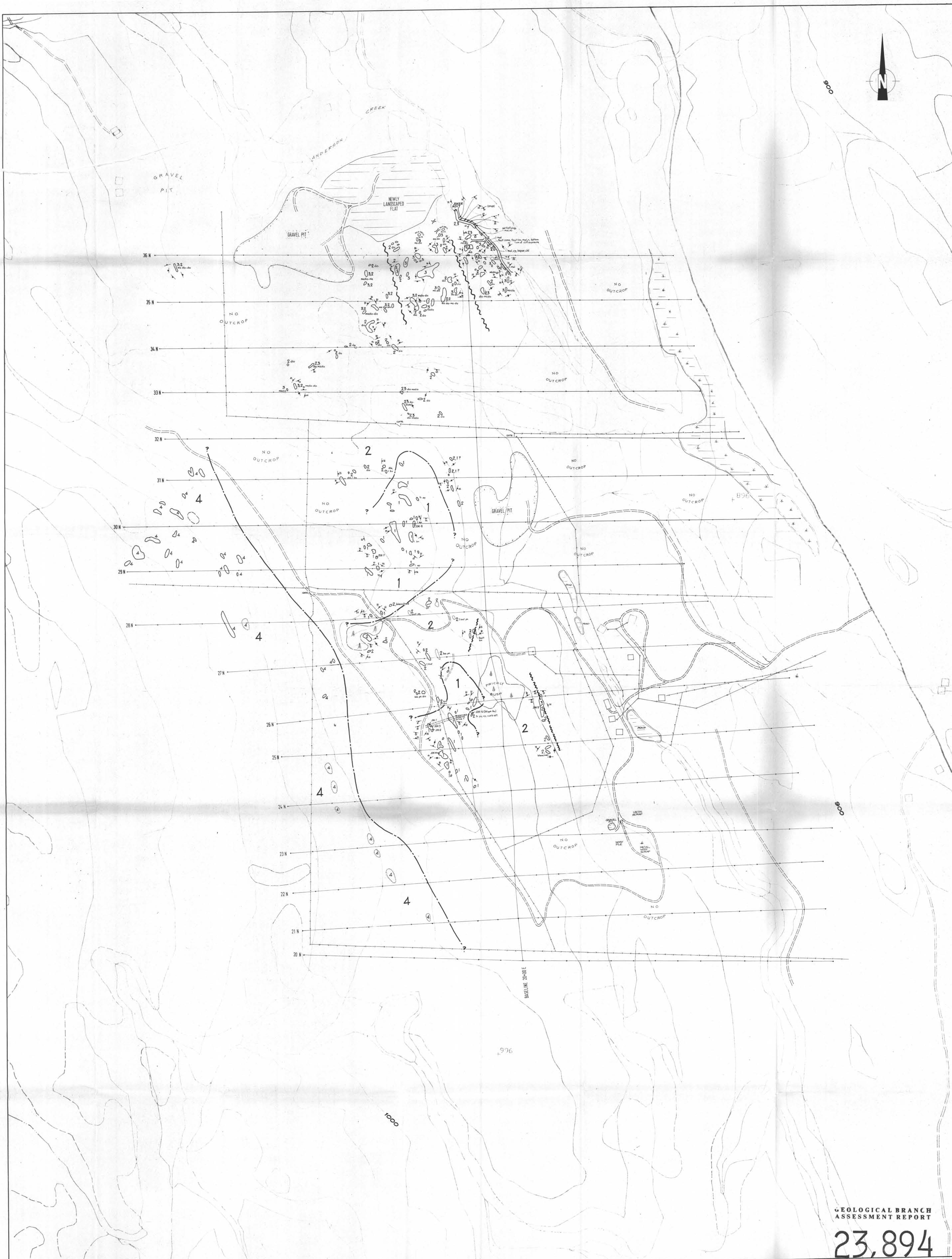
23,937

SCALE 1:5000
100 0 100 200 300
METERS

TEUTON RESOURCES CORP.
RED PROJECT, STEWART, B.C., SKEENA M.D.

1994 WORK PROGRAM
ROCK GEOCHEMICAL SAMPLING
RED 12 & 16 CLAIMS

RPM Mapping and Computer Services Ltd.
Date: May 1995
NTS No.: 103/P13E
Figure: 4



GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,894

LEGEND

Tertiary
Kamloops Group

4	VOLCANICS

Upper Triassic to Lower Jurassic
Iron Mask Batholith and Cherry Creek Phase

3	MONZO-DIORITE to MONZONITE
2	DIORITE HYBRID PHASE
1	DIORITE BRECCIA

KEY

- OUTCROP
- SUBCROP, AREA of ABUNDANT TALUS
- GEOLOGICAL CONTACT
- FAULT
- JOINTING - inclined, vertical
- TRENCH
- ROCK SAMPLE LOCATION (JOK-1)
- GRID LINE
- 900 TOPOGRAPHIC CONTOUR - Interval 20 m
- ROAD
- CREEK
- SWAMP
- HOUSE/STRUCTURE
- FOREST COVER
- FENCE

0 50 100 150 200 250
metres

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

JOKER PROPERTY

JOKER GRID

GEOLOGY

DATE DRAWN: JUNE 29, 1994	SCALE: 1:2,500	FIG. No. 6
COMPILED BY: S.J.	JOB No: 1722	
DRAWN BY: S.A.	NTS No. 92I/9W	


NEWLY LANDSCAPED FLAT
GRAVEL PIT
BASELINE 20+00 E
130-199 ppm CONTOUR
>200 ppm CONTOUR
GRID STATION with Cu ppm VALUES
GEOLOGICAL BRANCH ASSESSMENT REPORT
23,894
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA
JOKER PROPERTY
JOKER GRID
Soil Geochemistry
Cu ppm


NEWLY LANDSCAPED FLAT
GRAVEL PIT
GRAVEL PIT
BASELINE 20+00 E
36 N
35 N
34 N
33 N
32 N
31 N
30 N
29 N
28 N
27 N
26 N
25 N
24 N
23 N
22 N
21 N
20 N
996
1000
900
GRID LINE WITH
GEOLOGICAL BRANCH
ASSESSMENT REPORT
23,894
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA
JOKER PROPERTY
JOKER GRID
Magnetometer
Survey
DATE DRAWN JUNE 20, 1994
8

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,894

GRID LINE WITH FRASER FILTERED IN PHASE VALUES

10-19

20-29

>50

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

JOKER PROPERTY

VLF-EM SURVEY
Seattle 24.8 KHz
FRASER FILTER

DATE DRAWN: JUNE 29, 1994	SCALE: 1:2,500	FIG. No: 9
COMPILED BY: S.U.	JOB No: 1722	
DRAWN BY: S.A.	NTS No. 92I/9W	


N
NEWLY LANDSCAPED FLAT
GRAVEL PIT
GRAVEL PIT
36 N
35 N
34 N
33 N
32 N
31 N
30 N
29 N
28 N
27 N
26 N
25 N
24 N
23 N
22 N
21 N
20 N
DATA NOT USEABLE
DATA NOT USEABLE
BASELINE 20+00 E
ANNAPOLIS
900
800
1000
896
996
10-15
>30
0 50 100 150 200 250
GEOLOGICAL BRANCH
ASSESSMENT REPORT
23,894
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA
JOKER PROPERTY
VLF-EM SURVEY
Annapolis 21.4 KHz
FRASER FILTER
FIG. No.
10

MAG HIGH — MAGNETOMETER HIGH (ASS. REP. #772)
MAG LOW — MAGNETOMETER LOW (ASS. REP. #772)
PROBABLE IP ANOMALY (ASS. REP. #965)
100-199 ppm Cu (soil) (ASS. REP. #1746)
>200 ppm Cu (soil) (ASS. REP. #4160)
100-199 ppm Cu (soil) (ASS. REP. #4160)
TECK 1994 Diamond Drill Holes
PREVIOUS DRILL HOLES (ASS. REP's. #772, 965 6714, 11336)
SHAFT
ADIT
TRENCH
AREA of OUTCROP
1994 TECK "Joker Grid"
ROAD
FENCE
900 TOPO
FOREST COVER
HOUSES

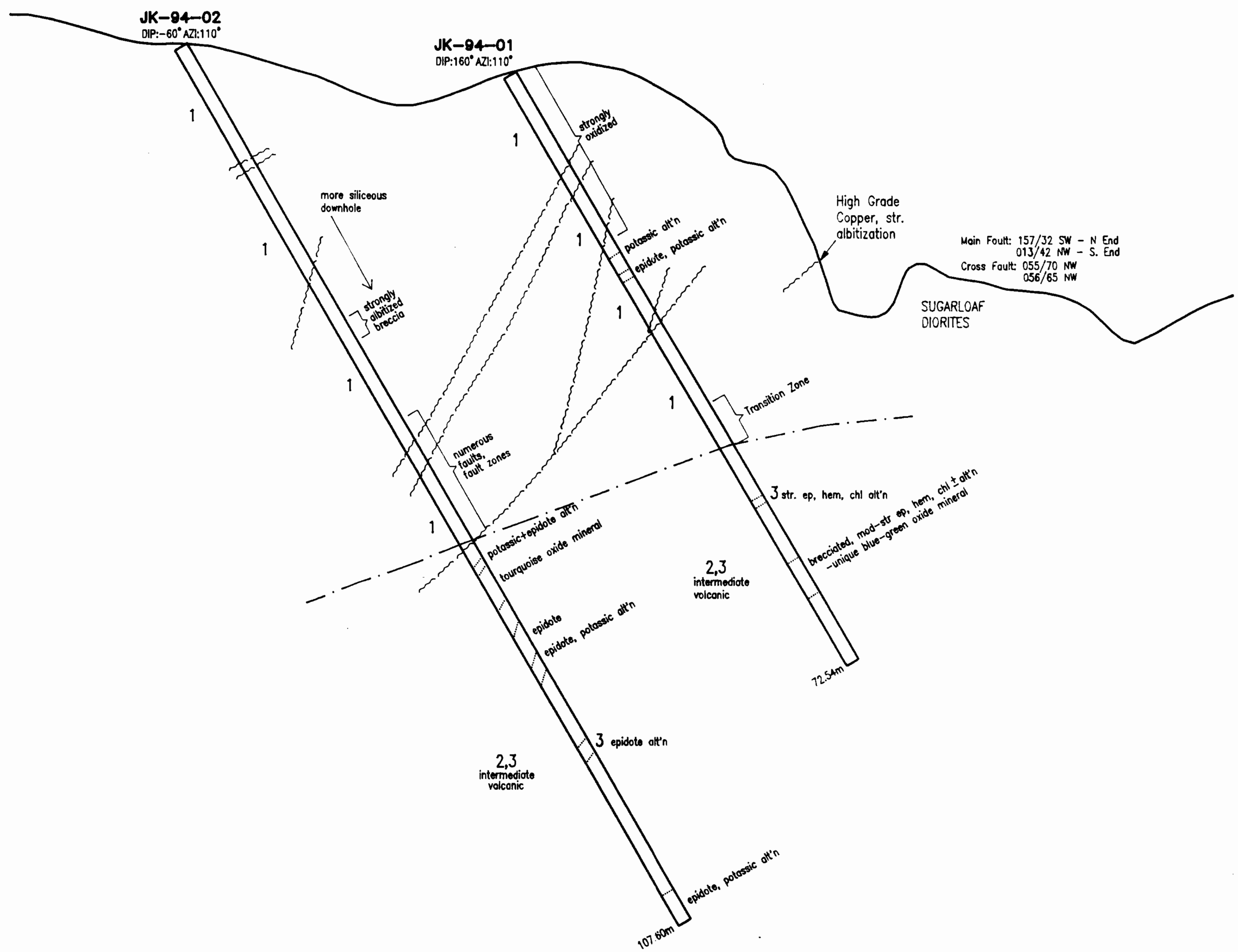
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

JOKER PROPERTY

COMPILATION MAP

0 100 200 metres

DATE DRAWN: DEC. 30, 1994	SCALE: 1:5,000	FIGURE No.
COMPILED BY: S. Jensen	JOB No: 1722	11
DRAWN BY: S.A.	NTS No: 92I/9W	



GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,894

LEGEND

Tertiary

KAMLOOPS GROUP

4	VOLCANICS

Upper Triassic to Lower Jurassic

IRON MASK BATHOLITH and CHERRY CREEK PHASE

3	MONZO-DIORITE to MONZONITE
2	DIORITE HYBRID PHASE
1	DIORITE BRECCIA

0 10 20
metres

FIGURE 12

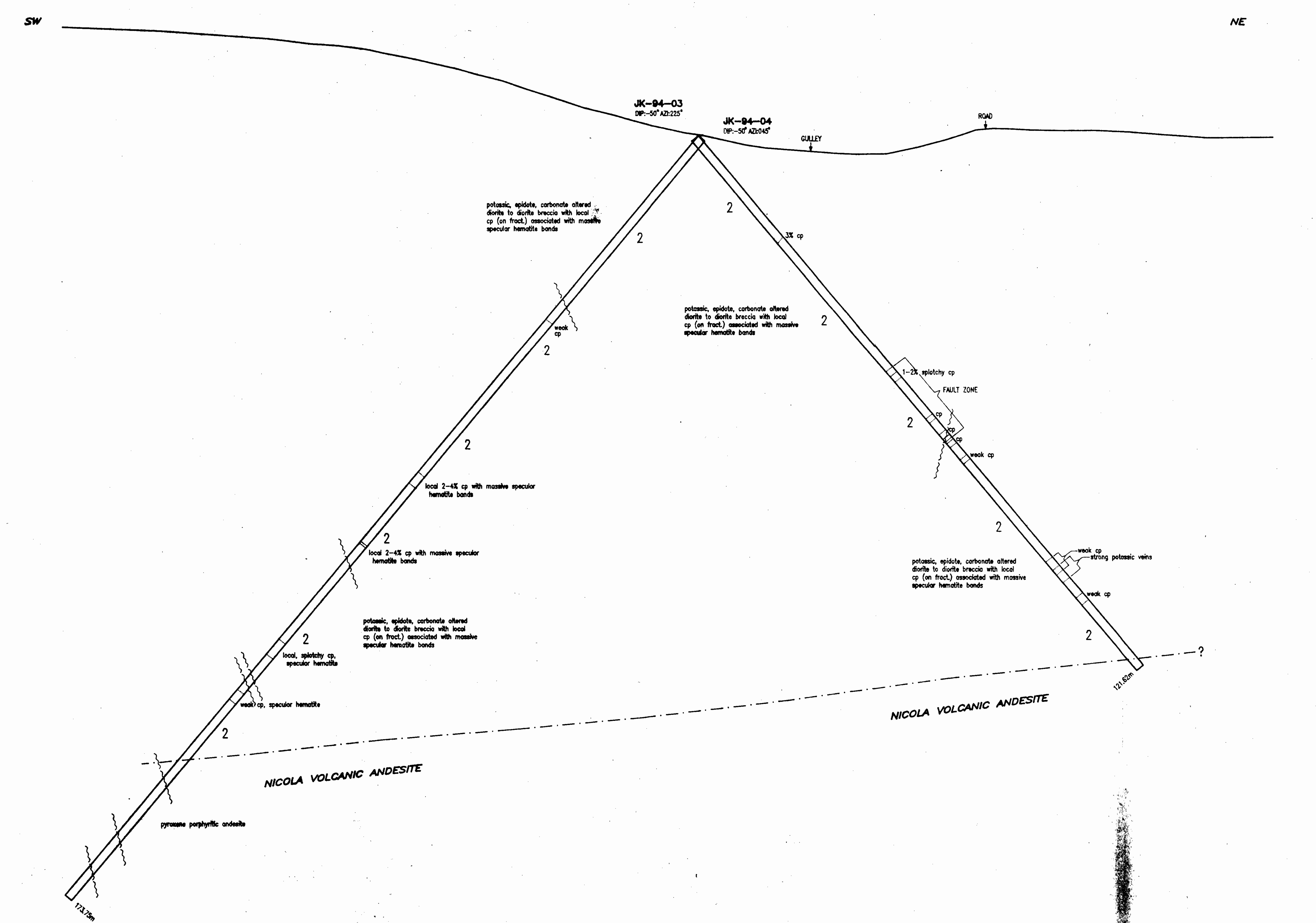
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

JOKER PROPERTY

CROSS-SECTION
JK-94-01, JK94-02

SECTION LOOKING NNE 020°

DATE DRAWN: MAY 8, 1995	SCALE 1:500	DWG. NAME:
COMPILED BY: S.J.	JOB No: 1722	JOK-1-2
DRAWN BY: S.A.	NTS No: 92I/9W	



GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,894

LEGEND

Tertiary

KAMLOOPS GROUP

4	VOLCANICS

Upper Triassic to Lower Jurassic

IRON MASK BATHOLITH and CHERRY CREEK PHASE

3	MONZO-DIORITE to MONZONITE
2	DIORITE HYBRID PHASE
1	DIORITE BRECCIA

0 10 20
metres

FIGURE 13

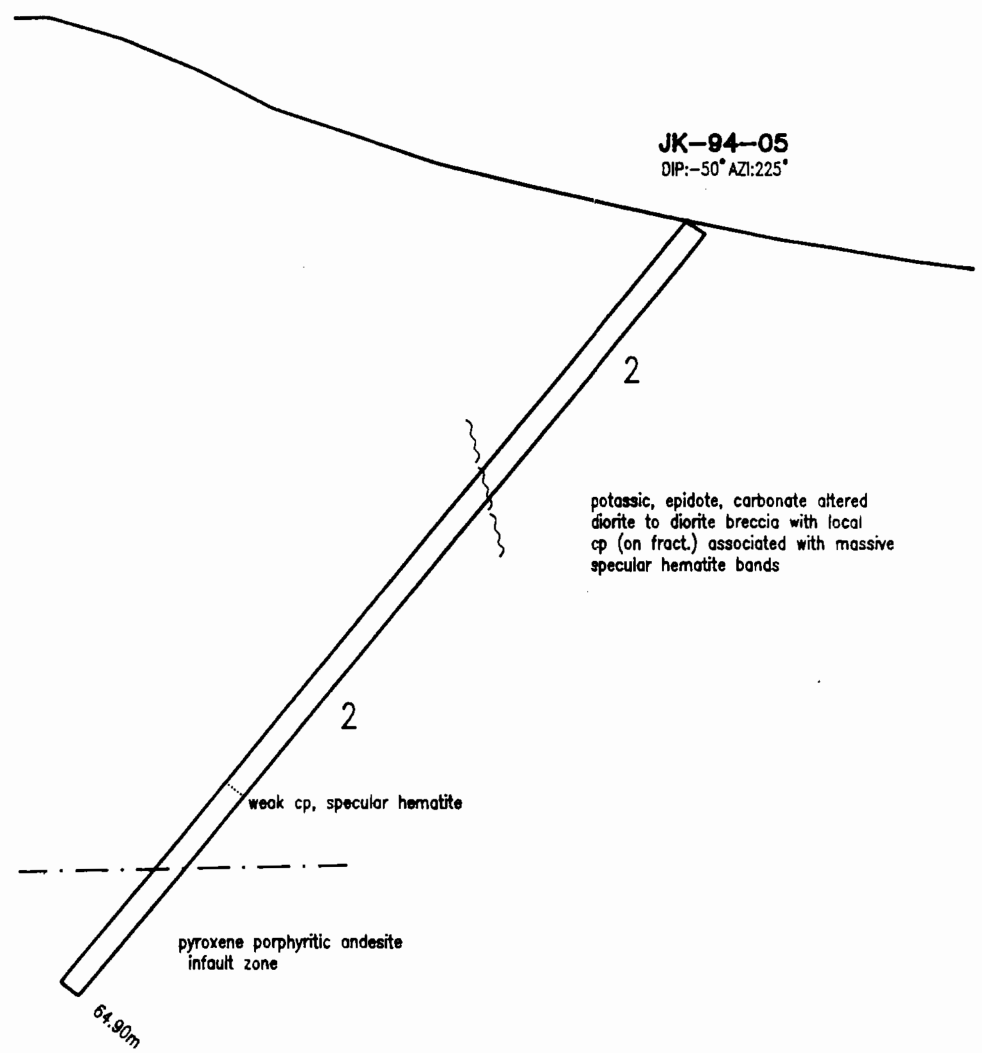
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

JOKER PROPERTY

CROSS-SECTION JK-94-03, JK-94-04

SECTION LOOKING NW 315°

DATE DRAWN: MAY 8, 1995	SCALE 1:500	DWG. NAME: JOK-3-4
COMPILED BY: S.J.	JOB No: 1722	
DRAWN BY: S.A.	NTS No: 92I/9W	



GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,894

LEGEND

Tertiary

KAMLOOPS GROUP

4	VOLCANICS

Upper Triassic to Lower Jurassic

IRON MASK BATHOLITH and CHERRY CREEK PHASE

3	MONZO-DIORITE to MONZONITE
2	DIORITE HYBRID PHASE
1	DIORITE BRECCIA

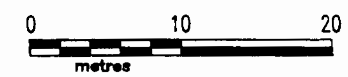


FIGURE 14

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

JOKER PROPERTY

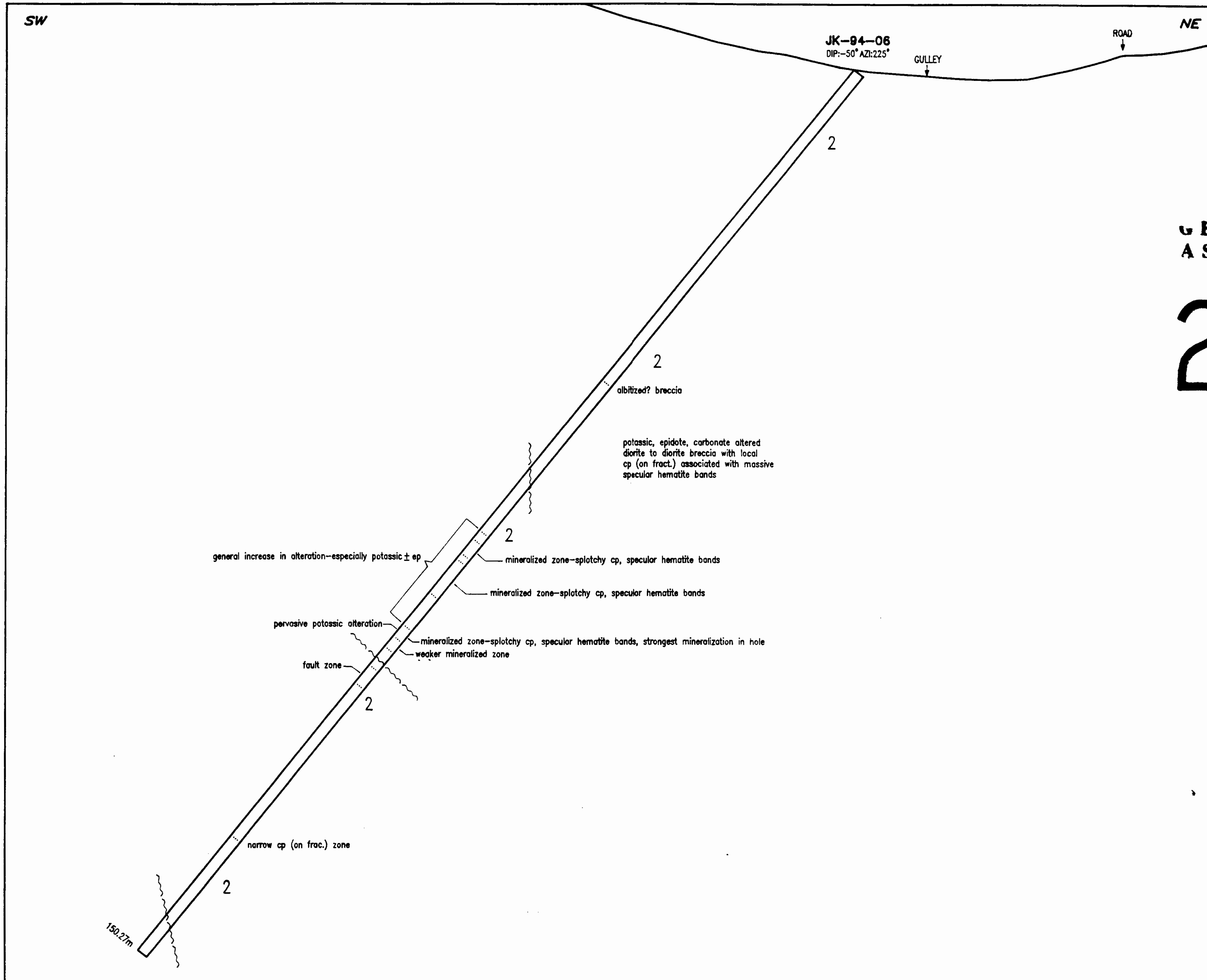
CROSS-SECTION
JK-94-05

SECTION LOOKING NW 315°

DATE DRAWN: MAY 8, 1995	SCALE 1:500	DWG. NAME:
COMPILED BY: S.J.	JOB No: 1722	JOK-5
DRAWN BY: S.A.	NTS No: 92I/9W	

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,894



LEGEND

Tertiary

KAMLOOPS GROUP

4	VOLCANICS

Upper Triassic to Lower Jurassic

IRON MASK BATHOLITH and CHERRY CREEK PHASE

3	MONZO-DIORITE to MONZONITE
2	DIORITE HYBRID PHASE
1	DIORITE BRECCIA

0 10 20
metres

FIGURE 15

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

JOKER PROPERTY

CROSS-SECTION JK-94-06

SECTION LOOKING NW 315°

DATE DRAWN: MAY 8, 1995	SCALE 1:500	DWG. NAME: JOK-6
COMPILED BY: S.J.	JOB No: 1722	
DRAWN BY: S.A.	NTS No: 92I/9W	