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**DIAMOND DRILLING AND GEOPHYSICAL REPORT
ON THE
KENVILLE MINE PROPERTY**

For

Teck Exploration Limited

By

GEOLOGICAL SURVEY BRANCH

G. R. Thomson P. Geo. ASSESSMENT REPORT

January 23, 1997

24,879

Min Inv. No.: 82FSW086

NTS : 82F/6W

Mining Division: Nelson, B.C.

Latitude: 49° 28.3' N

Longitude: 117° 22.7' W





Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources
GEOLOGICAL SURVEY BRANCH

**ASSESSMENT REPORT
TITLE PAGE AND SUMMARY**

TITLE OF REPORT [type of survey(s)]	TOTAL COST
DIAMOND DRILLING, GEOPHYSICAL	\$129,491

AUTHOR(S) G. Thomson SIGNATURE(S) _____

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) CBK 96-0500059-001-M44 YEAR OF WORK 1996

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 1000029 - October 7, 1996

PROPERTY NAME KENVILLE MINE (GRANITE - POORMAN)

CLAIM NAME(S) (on which work was done) Shenanco, Onix, Josie

COMMODITIES SOUGHT Cu, Au

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 86,87,254

MINING DIVISION Nelson NTS

LATITUDE 49 ° 28.3 ' LONGITUDE 117 ° 22.7 ' (at centre of work)

OWNER(S)

1) Teck Corporation 2) _____

MAILING ADDRESS

600 - 290 Burrard Street
Vancouver, B.C.
V6C 3L9

OPERATOR(S) [who paid for the work]

1) Teck Corporation 2) _____

MAILING ADDRESS

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Property is underlain by Jurassic age meta-diorites, cut by lamprophyre dykes/qtz veins, mineralization is hosted by auriferous qtz veins and as disseminations within magnetite rich foliated diorites. Primary sulphides are pyrite, chalcopyrite and molybdenite with lesser amounts of sphalerite, galena, scheelite bornite and native copper.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

Diamond drilling and prospecting report (Teck, 1996) 22433, 23859, 24303

(OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (Incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	core logging, sampling & support COSTS		35,501
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground		Shenango, C&K, Josie, Onix Freemont	
Magnetic	5.7 Km	" " "	
Electromagnetic	5.7 Km	" " "	11,183
Induced Polarization	1.2 Km	Josie, Onix	
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL			
(number of samples analysed for ...)			
Soil			
Silt			
Rock			
Other			
DRILLING			
(total metres; number of holes, size)	1317.5m, 7 holes NO	Shenango, Josie, Onix	67,095
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying	333 Core Samples		6,420
Petrographic			452
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Line/grid (kilometres)			840
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			8,000
Trench (metres)			
Underground dev. (metres)			
Other			
TOTAL COST			129,491

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DIAMOND DRILLING AND GEOPHYSICAL REPORT

ON THE

KENVILLE MINE PROPERTY

1. INTRODUCTION

An exploration program was carried out by Teck Exploration on the Kenville property over the period, July 22 to September 9, 1996. The exploration was concentrated on the west side of Eagle Creek and west of the main workings of the Kenville Mine. Prior to a diamond drill program, 5.0 km of magnetometer + VLF-EM and 1.2 km of IP surveys were carried out by Lloyd Geophysics Inc. The diamond drill program consisted of seven drill holes, totalling 1317.5 metres.

The diamond drilling was carried out in two areas along a pronounced northwest trending coincident IP chargeability - magnetic anomaly measuring approximately 1000 m by 250 m. The IP and magnetic response was explained by the following styles of mineralization:

1. Disseminations, fracture fills or foliation planar bands of pyrite, chalcopyrite within foliated magnetite-carbonate altered diorites
2. Disseminated pyrite/chalcopyrite within localized bands of potassic alteration
3. Zones of silicification containing sporadic pyritic quartz veinlets with anomalous gold and tungsten (ie. drill hole TK-96-04)
4. Broad zones of potassic (\pm silicification) flooding with pervasive disseminated pyrite and fine fracture fillings/disseminations of molybdenum

The target on the Kenville property is that of a bulk mineable, copper- gold deposit, hosted within mid Jurassic age diorites.



**KENVILLE
PROPERTY**



TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

KENVILLE PROPERTY

LOCATION MAP



SCALE: 1 : 250,000

FIGURE No: |

2. PROPERTY DESCRIPTION AND LOCATION

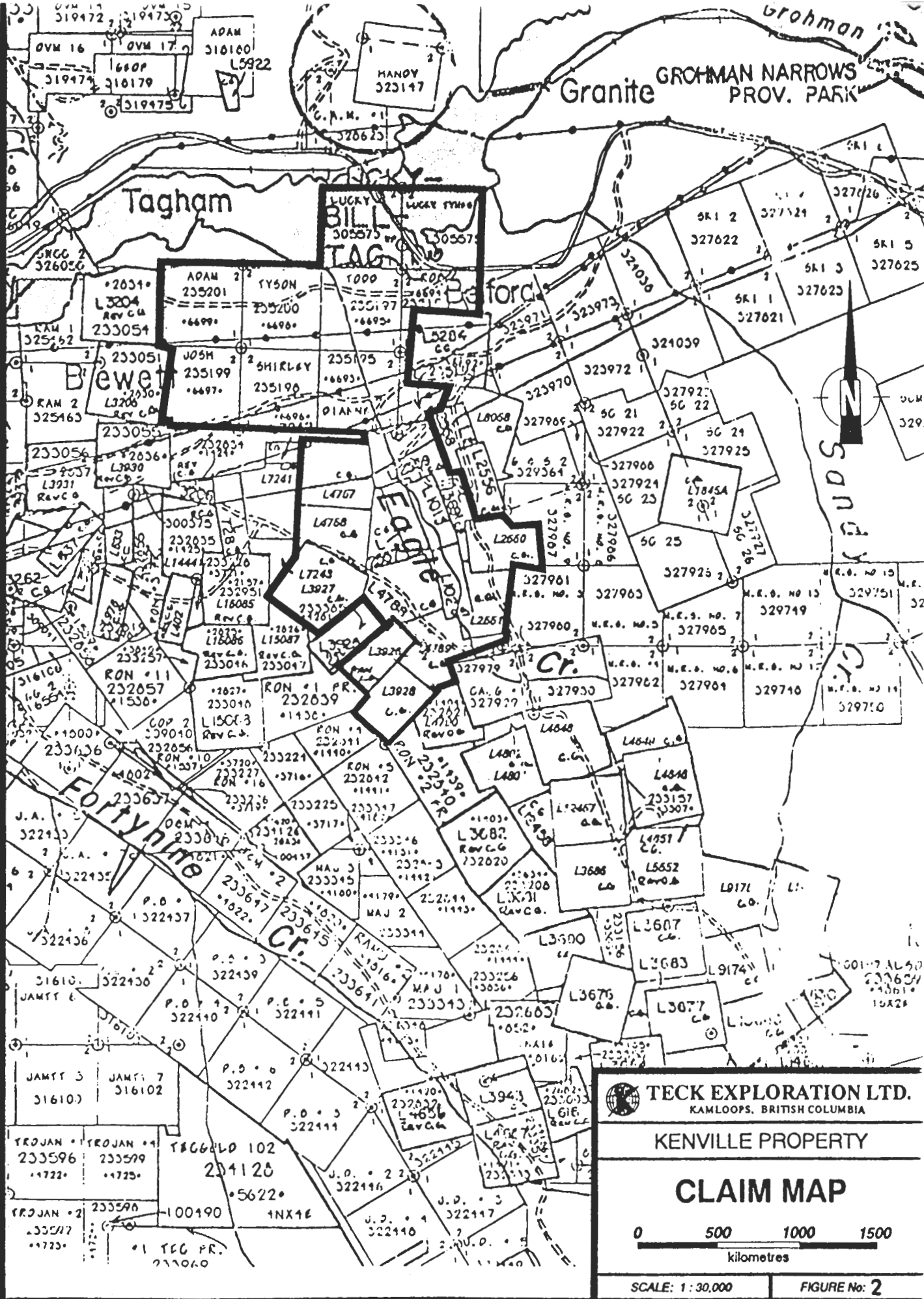
The following table summarizes the current mineral claim holdings that comprise the Kenville property.

Lot	Name	Land District
101	Poorman	Kootenay
102	Hardscrabble	"
2550	Granite	"
2551	Red Rock Fr	"
2557	Hardup	"
2559	Election	"
3691	Greenhorn Fr	"
3927	C & K	"
4757	Venango	"
4758	Shenango	"
4787	Greenwood Fr.	"
4788	Greenwood	"
4789	Jack Pot Fr.	"
3926	Onix	"
3928	Freemont	"

Claim #	Name	Land District	Assessment Date
235194	Verena	Kootenay	March 9/96
235195	Dianne	"	"
235196	Rob	"	"
235197	Todd	"	"
235198	Shirley	"	"
235199	Josh	"	"
235200	Tyson	"	"
235201	Adam	"	"
305573	Lucky	"	Oct. 19/96
305575	Lucky Tymes	"	Oct. 19/96

As of December 8, 1994 an option agreement was formulated between the property optionor, namely 409556 B.C. Ltd. (a wholly owned subsidiary of Anglo Swiss Industries Inc.) and Teck Corporation.

The Josie claim (233385) also formed part of the overall exploration program and was optioned in 1996 by Teck from Mr. L. Addie of Nelson, B.C. The current expiry date for the Josie claim is October 29, 1999.



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 KAMLOOPS, BRITISH COLUMBIA

KENVILLE PROPERTY

CLAIM MAP

0 500 1000 1500
 kilometres

SCALE: 1:30,000 FIGURE No: 2

3. ACCESS, PHYSIOGRAPHY & CLIMATE

The claim area is accessed by way of the Kenville Mine road that connects with Highway 3A at the Taghum Bridge, 3.2 km away. Taghum Bridge spans the Kootenay River approximately 10 km west of Nelson, B.C., 32 km east of Castlegar's airport and 61 km north of Cominco's smelter in Trail, B.C.

The Castlegar airport is serviced with daily flights to Vancouver, Cranbrook and Calgary by both Canadian commercial carriers. Helicopters are available in both Nelson and Castlegar.

The Kenville Mine lies at an elevation between 762 and 1158 m above sea level. It's lowest access adit is at 782 m asl and 244 m above the Kootenay River. The topography in the project area is moderately steep on a north west facing slope.

Mature second growth larch, douglas fir, hemlock and western red and white cedar covers much of the property. Typically, snow precipitation is expected from about mid-November through to about mid-February and can accumulate to as much as 2 m in the higher elevations.

4. HISTORY

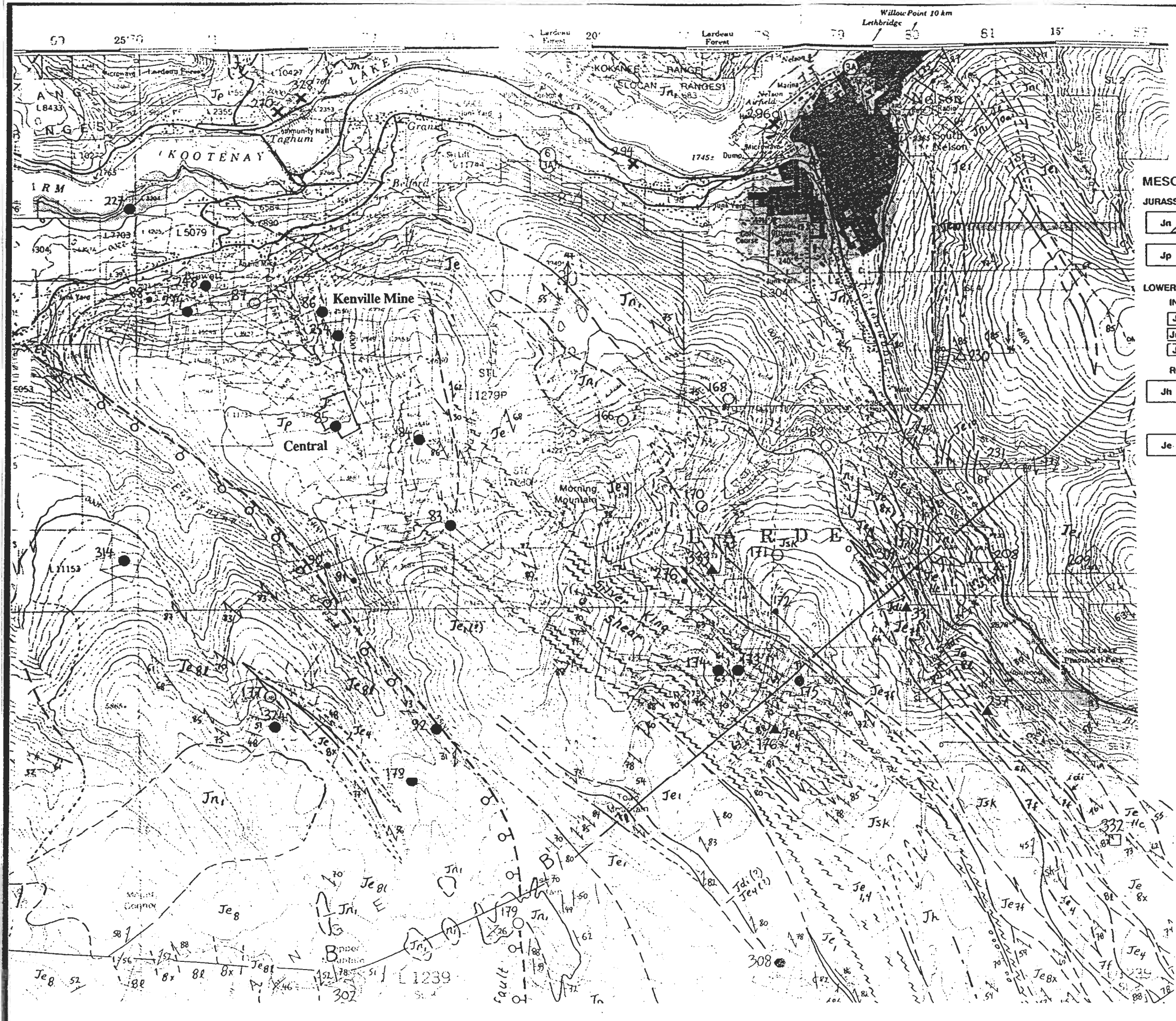
The Granite-Poorman Mine was discovered in the 1880's. Production from the mine totaled 199,232 short tons averaging 0.32 oz/ton gold and 0.14 oz/ton silver. Although copper, lead, zinc and tungsten were known to be present, no records of significant production of these metals is found. It's total production to date ranks the property as the 26th largest gold producer in B.C.

In 1946, Kenville Gold Mines Ltd., a company controlled by Quebec Gold Mining Corporation and Noranda Mines Ltd., gained control of the property, built a 125 tpd cyanide mill and started the last episode of significant exploration, development and mining.

The company stopped operations at the mine in 1949 but continued milling ore produced by individual leassors until 1954. Small amounts of high grade ore were shipped directly to the Trail smelter in 1960 and 1961. Noranda shut the mine down and took out all usable equipment from the mine and mill in 1962.

In 1969, Algoma Industries & Resources Ltd. ("Algoma") acquired the property, re-opened the 257 Level and dewatered the mine. After taking the property over, Algoma maintained the mine, re-built the mill and attempted to run it. A lack of sufficient working capital and long term planning hindered their operations.

In 1980, a program of 2,932 metres of diamond drilling in 20 holes was carried out on the Venango-Shenango and Greenwood claims by DeKalb Mining Corp.



MESOZOIC

JURASSIC

Jn NELSON INTRUSIONS: Jn1, GRANODIORITE, QUARTZ MONZONITE; Jn2, DIORITE PORPHYRY; Jn3, BRECCIA

Jp PSEUDODIORITE, PYROXENITE

LOWER AND MIDDLE(?) JURASSIC

INTRUSIVE UNITS

Jsk SEVER KING INTRUSIONS: PLAGIOCLASE PORPHYRY; LOCALLY INTENSELY SHEARED

Jmm MAMMOTH INTRUSIONS: PLAGIOCLASE-AMPHIBOLE PORPHYRYIC DIORITE (?)

Jdl FINE TO COARSE, GRANULAR DIORITE

ROSSLAND GROUP

Jh HALL FORMATION: SILTSTONE, SANDSTONE, CONGLOMERATE, ARGILLITE; MINOR LIMY UNITS

--- CONGLOMERATE BED

Je ELISE FORMATION: MAFIC TO INTERMEDIATE FLOWS, TUFFS, EPICLASTIC DEPOSITS AND SUBVOLCANIC INTRUSIONS

UPPER ELISE FORMATION

epiclastic units

Je11 TUFFACEOUS CONGLOMERATE: Je11c, PREDOMINANTLY INTERMEDIATE TO FELSIC VOLC. AND INTRUSIVE CLASTS; Je11d, MIXED MAFIC TO FELSIC CLASTS; Je11a, PREDOMINANTLY MAFIC VOLCANIC CLASTS

Je10 TUFFACEOUS SILTSTONE, SANDSTONE: Je10a, ARGILLACEOUS SILTSTONE

pyroclastic units

Je8 ANDESITE TUFF, MINOR BASALTIC TUFF: Je8l, LAPILLI TUFF WITH PLAGIOCLASE +/- AUGITE BEARING VOLCANIC CLASTS; Je8c, PLAGIOCLASE +/- AUGITE CRYSTAL TUFF

Je7 BASALTIC TUFF: Je7l, MAFIC, FINE TUFF

flow units

Je6 QUARTZ-EYE RHYOLITE; DACITE

Je5 PLAGIOCLASE +/- AMPHIBOLE, AUGITE ANDESITE

Je4 AUGITE +/- PLAGIOCLASE BASALT FLOWS, FLOW BRECCIAS

LOWER AND UPPER ELISE FORMATION (MIDDAY PEAK AREA)

pyroclastic units

Je3 BASALTIC TO ANDESITIC LAPILLI, CRYSTAL AND FINE TUFF; REWORKED PYROCLASTIC DEPOSITS; BASE SURGE DEPOSITS (?)

Je2 BASALTIC LAPILLI TUFF WITH AUGITE +/- PLAGIOCLASE BEARING VOLCANIC CLASTS

LOWER ELISE FORMATION

Je1 AUGITE +/- PLAGIOCLASE BASALT FLOWS, FLOW BRECCIAS, SUBVOLCANIC INTRUSIONS

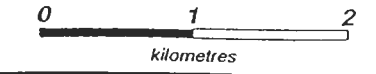


TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

CENTRAL PROPERTY

REGIONAL GEOLOGY

(After HOY, ANDREW 1989)



SCALE: 1:50,000

NTS No: 82F/6

FIGURE No: 3

In 1987, the principals of Coral Industries Ltd. arrived at an agreement to purchase the Granite - Poorman property from Algoma and exercised its rights to direct control of operations, late in 1989. Coral spent approximately \$ 750,000 in care and maintenance charges, re-building parts of a new mill and clearing of title ownership. Production during this period was dedicated to testing of milling operations. These tests indicated that the mill was not properly designed. Mill tests run by others indicated that the ore was amenable to flotation.

Coral acquired the Venango property in 1989. To our knowledge, this is the first time since 1945 that the Venango and Kenville claim groups were held by a common owner.

Ownership of the Kenville Mine property was taken over by Anglo Swiss Industries in late 1992.

5. REGIONAL GEOLOGY

The property is located at the north and west end of an Upper Triassic to Lower Jurassic island arc represented by a sequence of Rossland Group augite porphyry flows, pyroclastics and crystal tuffs of andesitic and shoshonitic composition. This sequence is intruded by coeval (i.e. Silver King Intrusions), usually stratabound bodies of similar composition, also by a stock referred to by G.S.C. workers as of 'pseudodioritic' composition and by the Nelson batholith. The claim area is underlain by the main pseudodiorite stock showing at least two intrusive phases.

Regionally, shearing, hydrothermal alteration and sulphide mineralization occur within a zone of variable widths (10 to 100 m) which is sub-parallel to bedding and restricted to the first appearance of the pyroclastic sequence. This zone can be identified in several properties covering the known exposure of the Island Arc, for a distance of more than 100.0 km. These shears also cut through the co-eval intrusive rocks. The shears trend northwesterly through the Kenville property.

At the Kenville property, a northwest trending system of quartz veins is hosted in diorite, intruding greenstone on the east limb of a syncline. The veins, which are weak fault zones, strike 330 to 350 degrees and dip 45 degrees northeast. The veins are cut by faults, some of which are occupied by lamprophyre dykes. The veins have good continuity along strike and downdip. Significant amounts of ore have been produced from five veins averaging 0.6 m across a horizontal distance of 518 metres. The gangue is milky to glassy quartz with pyrite, chalcopyrite and minor amounts of galena, sphalerite, scheelite and some visible gold. Highest gold values are associated with coarse pyrite and to a lesser degree chalcopyrite.

6. ALTERATION AND MINERALIZATION

Almost all the diorites, as evidenced from the Teck drill program, have undergone varying degrees of alteration. The more highly foliated rocks contain biotite as the primary mafic component, which is extensively retrograded to chlorite. Feldspars are typically weakly to moderately affected by pervasive epidote and potassic alteration.

Sporadic narrow patchy grey to pinkish potassic zones occur throughout all the drill holes. In general, potassic alteration is not easily recognizable throughout the drill hole sections, but is easily determined using chemical rock staining techniques. A distinct and extensive zone of pervasive, mainly cryptocrystalline, potassic \pm silica flooding/alteration was encountered in most of the drill holes of the 1996 drill program. The potassic zone contained pervasive trace to \sim 1% disseminated pyrite as well as pervasive anomalous molybdenum disseminations and fine fracture fillings. In drill hole TK-96-04, the bulk of the diorites have undergone extensive mixed potassic and silica flooding with associated molybdenum, sporadic tungsten and numerous sporadic gold values as high as 2.7 g/t Au across the interval 39.6 to 42.6 (3.0)m.

Much of the diorite has also undergone carbonate alteration with greater intensities occurring in the more strongly foliated diorites. Carbonate rich foliated zones are occasionally vuggy, with vug linings usually coated with fine to medium grain euhedral crystals of pyrite and to a lesser degree chalcopryrite. Magnetite is also a component of the more strongly foliated and carbonate altered zones, and appears to have a direct relationship with increased concentrations of fine grain disseminated chalcopryrite. White to pinkish calcite veinlets occur commonly and are generally hairline to 5.0 cm in width. They are generally barren, but may contain some minor disseminations and selvages of chalcopryrite, pyrite and magnetite.

Hematite occurs sporadically throughout much of the core as hairline veinlets. It normally occurs as specularite and locally as a red earthy form along slickensided fracture or fault surfaces. There is no obvious relationship between hematite and sulphide mineralization.

Silica occurs in association within the distinct zones of potassic alteration as mentioned above. Quartz occurs as either vague milky white patches or distinct white quartz veins, often with clots of coarse pyrite. These zones of pyritic-quartz flooding or veining contain the highest gold values, as obtained by the 1996 drill program. A conspicuous zone of multiple pyritic quartz veins with intervening greyish silicified, pyritic alteration occurs in drill hole TK-96-06 from 171.15 to 186.24 (15.09)m. This zone was anomalous in gold with one interval (3.22m) which assayed 925 ppb gold. A similar zone occurs in drill hole TK-96-05 over the interval 118.25 to 125.9 (7.65) m., which assayed 365 ppb gold and 2289 ppm copper.

Needles of tourmaline occur as clusters in several isolated locations, often in areas of calcic or feldspathic alteration.

7. DIAMOND DRILL PROGRAM

The 1996 Teck drill program consisted of seven drill holes, totalling 1317.5 metres, drilled in two separate areas along approximately 700 metres of strike length, on the west side of Eagle Creek.

Drill site access was provided by a system of old roads, totalling approximately 2.0 km., connecting the Venango claim area to the Josie-Onix claim area. The road rehabilitation and drill site preparation required several days of excavator work. Water for the drill program was provided by local surface seepages or drainage from the Venango and Josie adits.

Hole No.	Azimuth	Dip	Length (m)
TK-96-01	80°	-45°	156.4
TK-96-02	90°	-45°	217.3
TK-96-03	90°	-45°	176.0
TK-96-04	90°	-45°	107.6
TK-96-05	84°	-45°	181.7
TK-96-06	90°	-45°	243.8
TK-96-07	85°	-45°	234.7
Total			1317.5

All diamond drilling was of NQ diameter. Drill core is stored at the main building area of the Kenville Mine. A summary of drill hole information is as follows:

8. DIAMOND DRILL RESULTS

8.1 Drill Holes TK-96-01, 02, 03 (Shenango claim)

Drill holes TK-95-01, 02 and 03 were drilled on easterly azimuths along reestablished road access on the Shenango crown grant claim. These three holes were drilled to test the northernmost extent of the coincident IP-mag anomaly lying along the west side of Eagle Creek. All three holes intersected anomalous, erratic zones of gold ± copper mineralization. Mineralization is primarily pyrite/chalcopyrite, as sporadic concentrations associated with foliated magnetite-carbonate (± potassic) altered diorites.

TK-96-01

This drill hole contained numerous erratic zones generally one to two metres in width, assaying 100 to 200 ppb Au and 1000 to 2000 ppm Cu. Chalcopyrite is

primarily associated with localized potassic alteration bands within zones of foliated, magnetite enriched diorites.

TK-96-02

Drill hole 96-02 was drilled 65 m east of drill hole 96-01 and contained somewhat increased gold-copper values with greater widths than hole 96-01. Copper mineralization occurred in a similar style to hole 96-01. A conspicuous feldspathic alteration zone occurs from the start of bedrock at 16.5 m to 23.1 m with anomalous gold (to 450 ppb) and molybdenum (1-9 ppm). Sporadic gold, copper values occur throughout the hole, with anomalous gold (100-495 ppb) and copper (1000-3452 ppm), mostly over 3.0 m widths. Coincident anomalous copper-gold values are most prevalent over the interval 23.1 to 61.9 m., with an increased concentration at 55.8-61.9 (6.1)m, which assayed 312 ppb Au and 2515 ppm Cu. Zones of sporadic anomalous molybdenum (2-80 ppm) occur throughout the lower portions of this hole from 83.2m to approximately 200m., usually associated with bands of potassic alteration.

TK-96-03

Drill hole 96-03 was drilled approximately 100 m south of drill hole 96-02. This hole contained weak overall sporadic copper/gold values, but also contained a similar potassic alteration zone as was intersected in drill hole TK-96-02. The upper portions of drill hole TK-96-03, to approximately 50m depth, contains pervasive potassic ± silicic alteration with anomalous molybdenum (2-10 ppm Mo) and gold averaging 123.5 ppb Au across the interval 34.4 to 49.7 (15.3)m. A pattern of increasingly anomalous copper (>500 ppm) with consist anomalous gold (30-170 ppb) begins at approximately 94.8 metres and continues to depth.

8.2 Drill Holes TK-96-04, 05, 06, 07 (Josie, Onix claims)

Onix and Josie Area

This area lies on the west side of Eagle Creek, and contains numerous old exploration pits and trenches, most of which did not reach bedrock. The Josie claim (L3925) was optioned by Teck in 1996 and formed an integral part of the exploration program. The Josie claim area hosts a broad felsic zone, developed in the past by a short adit and numerous trenches. No significant gold values have as yet been obtained from the felsic zone, but the prodigious amount of overburden cover through the Josie claim precludes a thorough evaluation of the felsic zone.

The Onix crown grant (L3926) adjoins the Josie to the east, and also hosts a large felsite zone containing minor pyrite, and molybdenite. The Onix felsites are exposed in an open cut near the south wall of a large (50m) open-pit excavation in overburden. A small caved adit is located near the main access road. An angular

boulder containing disseminated chalcopyrite-bornite-magnetite was found in 1995 near the central open pit and assayed 1.74 g/t gold and 1.31% copper. During road rehabilitation work in 1996, a pit was dug in the immediate vicinity of this sample and exposed an outcrop of chalcopyrite bearing diorite in contact with pyritic, potassic-silicic felsites.

TK-96-04

Drill hole TK-96-04 was drilled entirely on the Josie claim, immediately east of the Josie adit. The hole was drilled to test the western flank of the coincident IP-magnetic anomaly. The most unique feature of this drill hole was the degree of overall silicification and secondary quartz veining, which accompanied a pervasive zone of potassic alteration extending from the start of bedrock at 7.6m to 89.6m. This zone also contained pervasive anomalous molybdenum with sporadic anomalous gold and several anomalous tungsten values. Strongest values for molybdenum occur across the interval 38.75 to 89.6 with values ranging between 20 to 178 ppm Mo. One 3m sample from 61.9 to 64.9 m, assayed 206 ppm Mo, 125 ppb Au and 110 ppm W. The most significant gold intersection from this hole was from the interval 39.6 to 42.6 (3.0)m, which assayed 2.7 g/t Au. The remainder of the hole, between 89.6 to 107.6 m, consisted of weakly altered or mineralized diorites.

TK-96-05

Drill hole TK-96-05 was drilled to the east of drill hole TK-96-04. Drill hole #5 was useful in determining the extent and orientation of the felsic alteration zone that was intersected in both of these drill holes. The apparent dip of the felsic alteration zone is approximately 45° to the west.

The felsic zone in drill hole #5 extends from the start of bedrock at 8.8 m to approximately 34.0 m. This zone, as with the other felsic zones of the 1996 drill program, is pervasively anomalous in molybdenum. A copper-gold zone of economic significance from this drill hole, occurred over the interval 118.3 to 125.9(7.6)m, which averaged 365 ppb gold and 2289 ppm copper, within strongly foliated, magnetite enriched diorites.

TK-96-06

Drill hole TK-96-06 was drilled approximately 100 m south of drill hole TK-96-05. This hole again tested the western flank of the coincident IP-magnetic anomaly and also tested the area of chalcopyrite bearing diorites as located in a pit during 1996 road rehabilitation.

The upper portion of drill hole #6 is dominated to 136.3 m by a pervasive zone of predominantly potassic altered/flooded diorites containing anomalous molybdenum, but with negligible values in copper or gold. A zone of grey pyritic silicification with accompanying pyritic quartz veining occurs over the interval from 171.2 to 186.2(15.0)m. This zone was strongly anomalous for gold with sample intervals assaying between 175 to 925 ppb Au. Strongly anomalous copper values occur over the intervals 183.8 to 196.7(12.9) m and 215.8 to 224.0(8.2) m. Copper values over these intervals generally range between 1085 to 2538 ppm Cu, with associated anomalous gold (75-830 ppb Au).

TK-96-07

Drill hole TK-96-07, drilled 100m south of drill hole TK-96-06 was the final and southernmost drill hole of the 1996 Teck exploration program on the Kenville property.

This drill hole did not intersect economic mineralization, but did establish several geologic zones through this area of the property. The upper portions of the drill hole consisted of non to weakly pyritic diorites to 78.7m, followed by a discrete potassic alteration/flooded zone to 137.2 m. The lower portion of the drill hole to 234.7m, consists primarily of weak to non mineralized foliated diorites. Weakly anomalous copper-gold values occur at the base of the potassic zone over the interval 137.2 to 150.3 m with maximum gold values ranging between 30- 160 ppb and copper at 204-1097 ppm.

9. GEOPHYSICAL SURVEYS

A) I.P. Surveys

The 1995, Kenville IP survey was successful in delineating a northwest trending chargeability anomaly, extending from the north-east corner of the Pacific Sentinel grid (Line 20+00 N) to approximately station 2700 N on the Teck baseline at 25+00W. The overall extent of this anomaly using a 20 millisecond contour cutoff, measures approximately 1000 m x 250 m.

During the period May 21-25,1996, Lloyd Geophysics Inc. were contracted by Teck to carry out a pole-dipole IP survey over eastern portions of the Ron property, which adjoins and lies south of the Kenville property. Exploration work over the Ron property, was carried out coincident with work done on the Kenville property. During the survey period, line 21+00 N was established and 1.2 km of IP survey was carried out over this line. Line 21+00N lies within the Josie-Kenville claim boundaries and was surveyed to establish continuity between the 1995 Teck IP survey and the southerly IP survey carried out for Pacific Sentinel Gold Corp over the Ron property in 1989.

The IP survey was established using 4 dipoles (n=1 to 4) and a dipole separation (x) of 50 metres. A complete kw time domain IP system was used consisting of a 7.5 kw transmitter and a 6 channel IP-6 receiver.

Contoured IP chargeability and resistivity values for both the Kenville and Ron properties are shown on Figures 12 and 13 at the back of this report.

B) Magnetometer, VLF-EM surveys

Combined magnetometer and VLF-EM surveys were carried out over the Kenville property by Lloyd Geophysics during the period May 24 and 25, 1996 and during the period June 15,16, 1996. A total of 5.7 km of grid was surveyed which mainly covered the grid area established for IP survey work in 1995. Of the 5.7 km of grid surveys, approximately 1.0 km were run on the Josie claim.

The magnetometer survey was useful in that it showed close coincidence with the pronounced NW-SE trending IP chargeability anomaly, located during the 1995 survey period. The strongest portion of this anomaly occurs approximately between lines 21+00 N, 20+00 W and 26+00 N, 24+00W

The VLF-EM surveys did not locate areas of consistent conductivity and did not demonstrate continuity across the grid area. The results of this survey may have been hampered by lack of in-fill data between the widely spaced grid lines (200m).

The magnetic contour map and VLF-EM contour map are shown as Figure 10 and 11, respectively, at the back of this report.

10. PETROGRAPHIC STUDY

Several samples of representative drill core were submitted to Vancouver Petrographics Ltd. for petrologic descriptions. The primary purpose of these descriptions is to understand the mineral relationships within samples of:

1. Foliated, magnetite bearing diorite with noticeable disseminated or fracture fill concentrations of chalcopyrite \pm pyrite
eg. **TK 96-5 123.0 m, 125.0 m**
2. Massive, cryptocrystalline felsites with noticeable disseminated/ vein related pyrite and fine grain dissemination/ fracture fill molybdenite
eg. **TK 96-04 53.0 m, TK 96-06 86.6 m, 178.5 m**

Description of these drill core samples are detailed in Appendix No. 5, at the back of this report

11. DISCUSSION OF 1996 EXPLORATION PROGRAM

The 1996 diamond drill program was successful in locating numerous zones of copper, gold and molybdenum mineralization across a tested strike length of approximately 700 metres.

The Kenville property remains a viable target for porphyry style mineralization, containing favorable host rocks, alteration and mineralogy. The prominent IP chargeability anomaly appears to be most easily explained by the presence of a broad zone of pervasive potassic feldspar \pm quartz (felsic) flooding intersected in the majority of drill holes of the 1996 drill program. This zone of alteration contained pervasive disseminated fine grain pyrite as well as fine fracture filings and disseminations of molybdenite. The potassic-silicic zone is significant in that it possibly represents a low grade core zone within a broader mineralized porphyry system

During the 1996 exploration program, a magnetometer survey was run over the same area of the 1995 IP survey. The magnetic survey showed strong coincidence with the IP survey results, with a portion of the magnetic anomaly offset from the IP anomaly and lying along the northeast flank of the IP chargeability zone. The magnetic anomaly is best explained by the presence of foliated, altered and magnetite enriched diorites which underly the molybdenum enriched potassic-silica zone.

The highest concentrations of copper \pm gold mineralization occur at or near the contact between the overlying potassic-silica zone and the underlying magnetite-rich, foliated diorites. This pattern of enrichment was well demonstrated by drill hole TK-96-02 from 23.1 to 61.9 m and in drill hole TK-96-06 from 136.3 to 224.0 metres.

12. RECOMMENDED PROGRAM

The Kenville property deserves a further stage of exploration centered on the area of coincident magnetic-IP chargeability anomalies lying along the west side of Eagle Creek.

To date, exploration by Teck during the 1995 and 1996 field seasons, has involved programs of geophysics, diamond drilling and prospecting along approximately 1 km of strike on the west side of Eagle Creek. A variety of mineralization styles have been encountered, including fracture fillings, disseminations, vein stockworks and replacements. Sulphide mineralization observed to date include mostly pyrite, chalcopyrite and molybdenite with lesser or trace amounts of bornite and native copper. Copper and gold are the main minerals of economic importance and to a lesser degree molybdenum, silver and tungsten.

Several areas require further exploration on the Kenville property and are outlined as follows:

1. Area between drill holes TK-96-01,02,03 and drill hole TK-95-03

A zonation of mineral grades occurs between drill holes TK-96-01,02 and 03. Drill hole TK-96-02 was drilled approximately 70 m east from drill hole TK-96-01 and contained higher grades and more continuous intervals of copper-gold mineralization than did TK-96-01. Drill hole TK-96-03 drilled approximately 100m south of TK-96-02, showed a progressive increase in copper values throughout the lower portion of the drill hole. These results therefore indicate a vectoring of increased copper(gold) enrichment towards the east or northeast. Drill hole TK-95-03 was collared approximately 470 m northeast of drill hole TK-96-02 and contained numerous zones of anomalous to ore grade concentrations of copper, gold, silver and molybdenum, particularly throughout the lower portions of the drill hole. An 8.7 m interval from drill hole 95-03 assayed 1.03% copper with significant silver and molybdenum values.

It is therefore strongly recommended that at least one or two holes be drilled within the intervening zone between these two drill areas. Drilling should be directed to the east or northeast in an attempt to intersect the updip extension to the mineralized zones found in drill hole TK-95-03, which appears to be controlled by a westerly dipping foliation fabric.

2. Untested area between drill hole TK-96-03 and drill holes TK-96-04, 05

A prospective geophysically anomalous zone remains untested between drill hole TK-96-03 and drill holes TK-96-04 and 05. This zone also represents the area of strongest magnetic response as well as an area of strong IP chargeability response. The zone represents a gap of approximately 400m along a northwest strike and should be tested by at least two drill holes.

The two locations recommended are. **23+00N, 33+50W** and **24+27N, 2312W**.

The location at 23+00N is recommended because it would test the northward extent of possibly improving mineralization as intersected in drill hole TK-96-04 as well as to test an area of strong magnetic and chargeability response. Drill hole TK-96-04 was considered unique in its overall degree of silicification with associated highly anomalous gold, tungsten and molybdenum.

The location at 24+27N is selected for two reasons. Firstly, a drill hole directed to the east or northeast, would test the magnetic anomaly in its core or strongest area and secondly would test the IP chargeability along its easterly and broader flank. The drill site for this proposed drill hole was prepared during the 1996 exploration program, but was not subsequently drilled .

3. Northeastern flank of coincident IP chargeability-magnetic anomaly

All of the drill holes of the 1996 drill program only tested the geophysically anomalous areas along the western side of the anomalous zones with easterly directed drill holes at -45° inclinations. It is therefore recommended, that one or two other drill holes be drilled along the east side of the IP chargeability anomaly in order to test the tenure of mineralization in this area of the anomaly. The most prospective locations for carrying out this drilling would be from the existing access roads running between lines 26+00N and 20+00N, where the eastern flank of the IP chargeability anomaly shows a noticeable broadening. Prospecting along the side of the access road through this area of the property has also located numerous angular boulders of chalcopyrite bearing, foliated and altered diorite.

4. Geophysical, geochemical surveys

Other than obvious drill targets on the Kenville property, consideration should be given to further geophysical and geochemical surveys over the property. Geophysical targets could be more readily defined, if fill-in survey lines could be established at 100 m line spacings rather than the present 200 m line spacings. Also, no soil geochemical surveys have been carried out over the property and should be done so, prior to or commensurate with future drilling on the property.

13. EXPENDITURES

a) **SALARIES (July 15 to September 15, 1996)**

G. Thomson (Geologist)	60	days	@ \$ 300 / day	18,000
D. Wolbaum (Core Splitter)	20	days	@ \$ 134 / day	2,688
C. Thomson (Assistant)	11	days	@ \$ 109 / day	<u>1,200</u>
				21,888

b) **DIAMOND DRILL COSTS**

Leber Mines Ltd. (1317.5m of NQ drill core) @ \$ 50.92 / metre	67,095
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c) **EQUIPMENT / SURVEY CONTRACTORS**

Yasek Holdings Ltd. (road rehabilitation)	8,000
Lloyd Geophysics (mag, VLF-EM, IP surveys)	11,183
Ken Murray (grid establishment, road surveys)	<u>840</u>
	20,023

d) **ASSAYING (Eco Tech Laboratories Ltd.)**

333 drill core samples

30 element I.C.P. analysis	all samples	
gold geochem.	303 samples	
gold fire assays	22 samples	
metallic gold	8 samples	
copper assay	4 samples	
	Total	6,420

e) **LIVING COSTS (July 15 to September 15, 1996)**

Villa Motel (Nelson), meals, groceries	4,978
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f) **TRANSPORTATION**

gasoline, + 1 return air fare (Vancouver↔Castlegar)	2,410
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g) **FIELD SUPPLIES, RENTALS**

Diamond saw rental, diamond blades, sample bags	3,185
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h)	SAMPLE SHIPPING Greyhound Bus	956
i)	PETROGRAPHIC REPORTS	452
j)	MAPS, PRINTS	100
k)	TELEPHONE, FAX	485
l)	DRAFTING	<u>1,500</u>
	TOTAL	\$129,491

14. REFERENCES

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- Lloyd, J. (1989): A Geophysical Report on a Ground Magnetometer and Induced Polarization Surveys on the Great Western Star Gold-Copper Property. (B.C. Assessment Report # 19,492)
- Mulligan, R. (1952): Bonnington Map Area, British Columbia; Geological Survey of Canada, Paper 52-13, 37 pages.
- Ronning, P.A. (1990): Great Western Star Project- Diamond Drill Report for Pacific Sentinel Gold Corp. (B.C. Assessment Report # 20063).
- Salazar, G. (1990): Summary Report on the Kenville & Venango Mineral Properties for Coral Industries Ltd.
- Thomson, G. (1996): Diamond Drilling and Prospecting Report on the Kenville Mine Property for Teck Corporation

APPENDIX 1

STATEMENT OF QUALIFICATIONS

Statement of Qualifications



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

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

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

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

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

Greg Thomson P.Geol.

APPENDIX 2.

ASSAY PROCEDURES



**ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING**

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

Analytical Method Assessment for

GOLD ASSAY

Samples are sorted and dried (if necessary). The samples are crushed through a jaw crusher and cone or roll's crusher to -10 mesh. The sample is split through a Jones riffle until a ~250 gram subsample is achieved. The subsample is pulverized in a ring & puck pulverizer to 95% -140 mesh. The sample is rolled and homogenized.

A 1/2 or 1.0 A.T. sample size is fused along with proper fluxes. The resultant bead is digested with acid and analyzed on a Perkin Elmer AA instrument.

Appropriate standards and repeat samples (Quality Control components) accompany the samples on the data sheet.



**ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING**

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

Analytical Procedure Assessment Report

GEOCHEMICAL GOLD ANALYSIS

Samples are catalogued and dried. Soils are prepared by sieving through an 80 mesh screen to obtain a minus 80 mesh fraction. Rock samples are 2 stage crushed to minus 10 mesh and a 250 gram subsample is pulverized on a ring mill pulverizer to -140 mesh. The subsample is rolled, homogenized and bagged in a prenumbered bag.

The sample is weighed to 10 grams and fused along with proper fluxing materials. The bead is digested in aqua regia and analyzed on an atomic absorption instrument. Over-range values for rocks are re-analyzed using gold assay methods.

Appropriate reference materials accompany the samples through the process allowing for quality control assessment. Results are entered and printed along with quality control data (repeats and standards). The data is faxed and/or mailed to the client.



**ASSAYING
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ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING**

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

Analytical Procedure Assessment Report

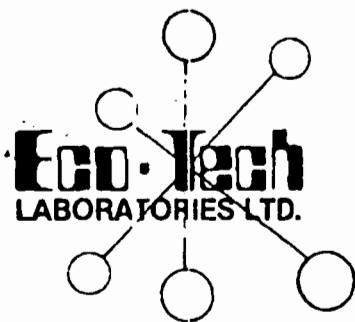
BASE METAL ASSAYS (Ag, Cu, Pb, Zn)

Samples are catalogued and dried. Rock samples are 2 stage crushed followed by pulverizing a 250 gram subsample. The subsample is rolled and homogenized and bagged in a prenumbered bag.

A suitable sample weight is digested with aqua regia. The sample is allowed to cool, bulked up to a suitable volume and analyzed by an atomic absorption instrument, to .01 ppm detection limit.

Appropriate certified reference materials accompany the samples through the process providing accurate quality control.

Result data is entered along with standards and repeat values and are faxed and/or mailed to the client.



ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

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

Analytical Procedure Assessment Report

MULTI ELEMENT ICP ANALYSIS

Samples are catalogued and dried. Soil samples are screened to obtain a -80 mesh sample. Rock samples are 2 stage crushed to minus 10 mesh and pulverized on a ring mill pulverizer to minus 40 mesh, rolled and homogenized.

A 0.5 gram sample is digested with aqua regia which contain beryllium which acts as an internal standard. The sample is analyzed on a Jarrell Ash ICP unit.

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

APPENDIX 3

ASSAY RESULTS

23-Aug-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-893

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

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

ATTENTION: RANDY FARMER


No. of samples: 20
Sample Type: CORE
PROJECT #: 1751
SHIPMENT #: NONE GIVEN
Sample submitted by: G THOMPSON

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	67201	70	<0.2	2.12	<5	100	<5	4.16	<1	24	32	654	5.43	<10	1.69	1312	<1	0.08	4	2440	<2	5	<20	172	0.23	<10	152	<10	2	67
2	67202	30	<0.2	0.96	<5	50	<5	3.07	<1	10	30	309	3.38	<10	0.67	703	3	0.07	1	1240	<2	<5	<20	131	0.04	<10	89	<10	<1	34
3	67203	10	1.4	0.53	<5	40	<5	2.19	<1	6	44	1068	2.41	<10	0.26	512	8	0.08	2	730	<2	<5	<20	114	0.01	<10	42	<10	<1	16
4	67204	130	0.4	1.71	<5	55	<5	3.69	1	19	28	1148	4.61	<10	1.31	984	2	0.08	3	1920	<2	<5	<20	141	0.16	<10	163	<10	1	39
5	67205	5	0.4	1.09	<5	85	<5	3.76	<1	11	45	369	3.01	<10	0.72	792	1	0.10	2	1140	<2	<5	<20	159	0.11	<10	95	<10	4	28
6	67206	25	<0.2	2.36	<5	100	<5	4.19	<1	23	29	415	5.86	<10	1.79	1074	5	0.11	3	2160	<2	<5	<20	174	0.26	<10	221	<10	4	36
7	67207	120	<0.2	2.35	<5	90	<5	2.86	<1	22	36	354	5.17	<10	1.74	1067	5	0.13	4	2020	<2	<5	<20	126	0.22	<10	198	<10	1	39
8	67208	65	<0.2	2.38	<5	100	<5	3.53	<1	21	41	668	5.46	<10	1.68	973	<1	0.15	4	2000	<2	<5	<20	142	0.24	<10	213	<10	2	35
9	67209	5	<0.2	1.79	<5	85	<5	2.30	<1	22	50	151	4.48	<10	1.41	780	<1	0.12	3	2190	<2	<5	<20	140	0.16	<10	167	<10	2	33
10	67210	5	<0.2	2.21	<5	120	<5	4.46	<1	23	28	196	5.06	<10	1.71	1188	<1	0.10	5	2070	<2	<5	<20	218	0.22	<10	175	<10	<1	42
11	67211	25	<0.2	2.35	<5	100	<5	3.05	<1	25	34	2012	5.45	<10	1.88	1151	2	0.10	5	2280	<2	<5	<20	136	0.22	<10	188	<10	<1	54
12	67212	110	<0.2	2.16	<5	105	<5	2.42	<1	22	34	649	4.96	<10	1.68	968	6	0.12	4	2140	<2	<5	<20	116	0.19	<10	191	<10	1	41
13	67213	90	<0.2	2.21	<5	90	<5	2.65	<1	22	44	467	4.78	<10	1.72	925	<1	0.12	4	2170	<2	<5	<20	134	0.19	<10	179	<10	2	38
14	67214	215	3.4	0.68	<5	45	<5	2.80	1	12	38	2353	2.98	<10	0.39	558	4	0.08	2	680	<2	<5	<20	104	0.05	<10	72	<10	<1	21
15	67215	80	0.4	2.04	<5	75	<5	3.36	<1	20	36	1062	5.20	<10	1.56	873	2	0.10	4	1990	<2	<5	<20	129	0.20	<10	195	<10	2	32
16	67216	45	<0.2	2.03	<5	75	<5	2.53	<1	21	34	454	4.83	<10	1.61	744	<1	0.11	4	2230	<2	<5	<20	102	0.18	<10	174	<10	<1	24
17	67217	20	<0.2	2.01	<5	75	<5	2.79	<1	20	38	556	4.85	<10	1.58	788	<1	0.10	3	2070	<2	<5	<20	100	0.19	<10	182	<10	1	25
18	67218	75	0.2	2.39	<5	85	<5	3.31	<1	24	25	1003	5.53	<10	1.86	929	<1	0.10	4	2150	<2	<5	<20	123	0.25	<10	218	<10	2	34
19	67219	40	<0.2	2.48	<5	90	<5	3.94	1	24	32	822	5.63	<10	1.88	988	<1	0.10	4	2130	<2	<5	<20	151	0.28	<10	223	<10	2	35
20	67220	45	<0.2	2.50	<5	105	<5	2.66	<1	26	29	459	5.53	<10	1.98	1001	8	0.11	4	2390	<2	<5	<20	120	0.22	<10	211	<10	<1	38

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	
QC/DATA:																															
Resplit:																															
RIS 1	67201	60	<0.2	2.01	<5	90	<5	4.20	1	23	31	623	5.20	<10	1.67	1300	<1	0.05	3	2400	<2	<5	<20	171	0.22	<10	147	<10	3	59	
Repeat:																															
1	67201	65	<0.2	2.16	<5	100	<5	4.19	1	24	33	662	5.53	<10	1.70	1321	<1	0.08	3	2490	<2	<5	<20	177	0.24	<10	155	<10	2	63	
10	67210	5	<0.2	2.23	<5	115	<5	4.51	<1	23	30	196	5.13	<10	1.72	1201	<1	0.09	5	2090	<2	<5	<20	222	0.23	<10	178	<10	2	43	
Standard:																															
GEO'96		150	1.2	1.75	50	150	<5	1.77	<1	18	61	79	4.08	<10	0.97	706	<1	0.02	23	720	18	<5	<20	54	0.12	<10	78	<10	3	64	

d//889
XLS/96Teck#4


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

21-Aug-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-895

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

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

ATTENTION: G. THOMPSON


No of samples: 12
Sample Type: Core
PROJECT #: 1751
SHIPMENT #: None Given
Sample submitted by: G. Thompson

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	67221	45	0.4	2.44	<5	100	<5	2.85	<1	28	37	856	5.35	<10	1.96	1085	<1	0.05	4	2290	10	<5	<20	134	0.26	<10	211	30	1	41
2	67222	155	1.6	2.10	<5	80	<5	3.00	<1	25	32	1750	5.13	<10	1.71	956	<1	0.05	6	2010	8	<5	<20	125	0.23	<10	180	<10	<1	37
3	67223	255	0.4	2.32	<5	90	<5	2.69	<1	27	36	853	5.36	<10	1.90	1034	<1	0.05	3	2080	10	<5	<20	120	0.23	<10	195	<10	<1	35
4	67224	10	<0.2	2.46	<5	100	<5	2.86	<1	28	26	320	5.58	<10	1.96	1110	<1	0.04	5	2080	10	<5	<20	121	0.25	<10	202	<10	<1	43
5	67226	15	0.6	2.15	<5	45	<5	4.30	<1	25	36	486	5.81	<10	1.97	1336	5	0.07	4	2140	10	<5	<20	207	0.06	<10	197	<10	<1	84
6	67227	5	1.0	1.85	<5	45	<5	5.00	<1	21	25	785	5.18	<10	1.60	1458	3	0.03	4	2050	8	<5	<20	209	0.08	<10	155	<10	1	70
7	67228	15	0.6	1.72	<5	30	<5	3.88	<1	22	21	404	4.79	<10	1.53	1110	2	0.03	2	2010	8	<5	<20	147	0.09	<10	144	<10	1	72
8	67229	200	2.2	2.13	<5	55	<5	5.98	<1	25	23	1403	5.64	<10	1.96	1558	110	0.04	6	1960	8	<5	<20	357	0.17	<10	185	<10	<1	73
9	67230	15	<0.2	2.02	<5	90	<5	6.09	<1	26	24	199	4.97	<10	1.76	1719	<1	0.04	4	2100	10	<5	<20	425	0.21	<10	147	<10	3	65
10	67231	10	1.0	2.13	<5	60	<5	3.44	<1	26	28	906	5.09	<10	1.73	1250	<1	0.05	4	1970	10	<5	<20	130	0.22	<10	189	<10	1	55
11	67232	5	<0.2	2.31	<5	50	<5	3.73	<1	25	43	394	5.36	<10	1.87	1330	4	0.04	4	2070	10	<5	<20	160	0.16	<10	177	<10	2	62
12	67233	15	1.0	2.20	<5	60	<5	3.67	<1	30	41	1246	5.67	<10	1.82	1314	6	0.05	4	2020	10	<5	<20	143	0.21	<10	203	<10	<1	59

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	
QC/DATA:																															
<i>Resplit:</i>																															
R/S 1	67221	40	0.4	2.40	<5	95	<5	2.74	<1	28	34	798	5.24	<10	1.95	1060	<1	0.04	5	2210	12	<5	<20	127	0.25	<10	208	20	<1	42	
Repeat:																															
1	67221	55	0.6	2.42	<5	100	<5	2.84	1	28	36	830	5.28	<10	1.92	1064	<1	0.05	4	2330	12	<5	<20	137	0.27	<10	208	10	<1	47	
10	62731	-	0.6	2.14	<5	60	<5	3.47	<1	27	28	896	5.11	<10	1.73	1253	<1	0.05	4	1970	10	<5	<20	136	0.23	<10	189	<10	<1	55	
Standard:																															
GEO'96		145	1.2	1.92	60	155	<5	1.88	<1	19	66	80	4.13	<10	1.00	704	<1	0.02	22	720	26	<5	<20	67	0.14	<10	85	<10	3	64	

df/895r
XLS/96Teck#3


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

22-Aug-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-904

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

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

ATTENTION: RANDY FARMER

No of samples: 26
Sample Type: CORE
PROJECT #: 1751
SHIPMENT #: NONE GIVEN
Sample submitted by: G. THOMPSON

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	67234	-	0.4	0.70	<5	65	<5	3.08	<1	9	58	349	3.27	<10	0.42	741	9	0.05	3	940	4	<5	<20	94	0.08	<10	98	<10	3	12
2	67235	-	<0.2	2.19	<5	95	<5	3.10	<1	23	44	383	5.32	<10	1.63	909	1	0.06	3	2370	10	<5	<20	124	0.26	<10	184	<10	3	29
3	67236	-	0.4	0.24	<5	40	<5	0.98	<1	7	54	183	2.37	<10	0.08	249	6	0.06	2	190	4	<5	<20	57	<0.01	<10	14	<10	<1	4
4	67237	-	<0.2	0.42	<5	40	<5	0.96	<1	5	64	282	2.36	<10	0.16	231	6	0.09	2	360	6	<5	<20	45	0.02	<10	45	<10	1	9
5	67238	115	<0.2	2.16	<5	75	<5	3.84	<1	26	50	342	6.22	<10	1.84	1272	<1	0.08	5	2860	10	<5	<20	166	0.23	<10	252	<10	2	51
6	67239	165	1.0	2.25	<5	80	<5	2.91	<1	25	48	827	5.97	<10	1.70	1043	<1	0.11	3	2140	10	<5	<20	132	0.24	<10	218	<10	<1	43
7	67240	50	<0.2	2.44	<5	100	<5	3.46	<1	27	41	1202	7.14	<10	1.84	1008	<1	0.13	5	2290	10	<5	<20	156	0.26	<10	266	10	<1	40
8	67241	675	1.8	2.36	<5	100	<5	3.58	<1	25	51	1972	5.72	<10	1.71	985	<1	0.13	4	2170	10	<5	<20	164	0.26	<10	224	<10	<1	39
9	67242	100	1.0	2.15	<5	80	<5	3.71	<1	23	29	1392	5.59	<10	1.61	1001	<1	0.09	2	2160	8	<5	<20	136	0.26	<10	234	<10	<1	36
10	67243	50	<0.2	2.35	<5	85	<5	2.86	<1	26	32	824	5.95	<10	1.83	895	<1	0.10	4	2190	10	<5	<20	122	0.27	<10	217	20	<1	33
11	67244	200	<0.2	2.14	<5	95	<5	2.19	<1	27	38	1085	5.93	<10	1.84	829	<1	0.08	4	2200	10	<5	<20	115	0.21	<10	208	<10	<1	33
12	67245	75	<0.2	1.78	<5	80	<5	1.97	<1	23	37	631	4.64	<10	1.43	741	<1	0.08	4	2500	10	<5	<20	128	0.18	<10	177	<10	1	35
13	67246	130	<0.2	2.05	<5	80	<5	2.39	<1	24	32	746	4.93	<10	1.65	886	<1	0.07	4	2410	10	<5	<20	124	0.21	<10	184	<10	<1	37
14	67247	10	<0.2	2.21	<5	95	<5	2.50	<1	25	31	383	5.55	<10	1.68	868	<1	0.08	5	2210	10	<5	<20	103	0.24	<10	217	<10	<1	35
15	67248	15	<0.2	2.32	<5	95	<5	2.88	<1	26	30	460	5.51	<10	1.79	1024	<1	0.08	4	2330	12	<5	<20	112	0.25	<10	204	<10	<1	37
16	67249	495	1.6	2.27	<5	100	<5	2.56	1	32	30	3452	6.33	<10	1.72	923	<1	0.09	3	2250	10	<5	<20	105	0.26	<10	199	10	<1	34
17	67250	135	0.4	2.47	<5	100	<5	2.91	<1	30	29	1608	6.06	<10	1.91	977	<1	0.09	4	2500	12	<5	<20	119	0.26	<10	220	<10	<1	33
18	67251	40	<0.2	2.54	<5	110	<5	2.94	<1	28	30	589	6.12	<10	1.91	1009	<1	0.09	4	2390	14	<5	<20	129	0.29	<10	223	<10	<1	43
19	67252	10	<0.2	2.54	<5	100	<5	3.15	<1	30	30	621	5.98	<10	1.99	1204	<1	0.08	4	2370	12	<5	<20	137	0.27	<10	217	<10	<1	47
20	67253	5	<0.2	2.53	<5	105	<5	3.21	<1	29	32	413	5.55	<10	1.94	1265	<1	0.10	4	2450	12	<5	<20	149	0.26	<10	202	<10	<1	50

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
21	67254	5	<0.2	2.26	<5	90	<5	3.93	<1	26	37	414	5.41	<10	1.94	1323	<1	0.08	6	2410	14	<5	<20	204	0.21	<10	204	<10	<1	55
22	67255	50	0.6	2.18	<5	80	<5	3.13	<1	29	41	1151	6.04	<10	1.96	1206	<1	0.06	8	2610	14	<5	<20	172	0.22	<10	211	<10	<1	71
23	67256	40	0.2	2.12	<5	70	<5	3.60	<1	27	32	743	5.53	<10	1.65	1185	<1	0.06	4	2250	12	<5	<20	139	0.23	<10	189	<10	<1	67
24	67257	10	0.8	2.24	<5	75	<5	4.67	<1	27	19	1315	6.44	<10	1.78	1388	<1	0.05	3	2610	12	<5	<20	207	0.20	<10	190	<10	<1	89
25	67258	45	2.4	2.47	<5	105	<5	3.79	<1	28	30	2346	5.97	<10	1.81	1360	2	0.08	2	2360	12	<5	<20	178	0.24	<10	192	<10	<1	62
26	67259	20	0.8	2.36	<5	90	<5	3.31	<1	27	32	821	5.62	<10	1.79	1315	15	0.07	3	2250	14	<5	<20	137	0.26	<10	196	10	<1	53

QC DATA:**Resplit:**

R/S 1	67234	-	0.6	0.63	<5	60	<5	3.12	<1	10	47	381	3.34	<10	0.40	752	10	0.04	2	940	8	<5	<20	90	0.08	<10	96	<10	2	12
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Repeat:

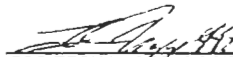
5	67234	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	67243	-	<0.2	2.33	<5	85	<5	2.85	<1	26	33	810	5.99	<10	1.81	894	<1	0.09	6	2190	12	<5	<20	121	0.26	<10	217	30	<1	33
17	67250	565*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	67252	-	<0.2	2.58	<5	100	<5	3.21	<1	31	31	643	5.98	<10	2.00	1214	<1	0.09	4	2490	14	<5	<20	145	0.28	<10	219	<10	<1	48

Standard:

GEO'96	-	1.0	1.98	60	170	<5	1.98	<1	20	69	81	4.35	<10	1.01	743	<1	0.02	22	820	20	<5	<20	60	0.15	<10	87	<10	5	71
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Note: * = Metallic Gold analysis suggested

dl/5176r
XLS/96Teck#3


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



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ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ASSAY AK 96-904

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

22-Aug-96

ATTENTION: RANDY FARMER

No. of samples: 26
Sample Type: CORE
PROJECT #: 1751
SHIPMENT #: NONE GIVEN
Sample submitted by: G. THOMPSON

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	67234	0.45	0.013
2	67235	0.19	0.006
3	67236	<.03	<.001
4	67237	<.03	<.001

QC DATA:

Resplit:


R/S 1	67234	0.45	0.013
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Repeat:

1	67234	0.45	0.013
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Standard:

Std-M		3.26	0.095
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ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/96Teck#3

23-Aug-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96 905

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

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

ATTENTION: RANDY FARMER

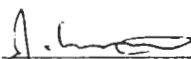
No of samples 24
Sample Type Core
PROJECT # 1751
SHIPMENT # None Given
Sample submitted by: G Thompson

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	62503	-	0.2	1.19	<5	55	<5	5.29	<1	14	27	135	5.11	<10	1.67	2058	4	0.09	3	2420	2	<5	<20	253	0.04	<10	100	<10	3	56
2	62504	-	0.4	1.72	<5	60	<5	5.30	<1	21	24	491	4.97	<10	1.62	1501	5	0.11	5	2090	<2	<5	<20	292	0.04	<10	108	<10	3	124
3	62505	-	0.4	1.61	<5	65	<5	5.26	<1	20	26	213	4.47	<10	1.61	1463	2	0.11	5	2190	<2	<5	<20	445	0.04	<10	99	<10	4	98
4	62506	-	0.6	1.17	<5	50	<5	5.18	<1	15	27	390	4.16	<10	1.58	1795	6	0.09	3	2230	<2	<5	<20	248	0.04	<10	76	<10	5	53
5	62507	-	11.6	0.54	<5	35	<5	6.64	<1	21	30	7058	5.09	<10	1.18	1866	80	0.03	2	1930	6	<5	<20	315	0.04	<10	84	<10	4	40
6	62508	-	9.6	0.09	<5	15	30	0.38	1	17	140	562	3.03	<10	0.04	141	15	<0.01	4	120	12	<5	<20	18	<0.01	<10	4	<10	<1	16
7	62509	-	0.8	1.51	<5	140	<5	5.61	1	20	22	646	4.20	<10	1.36	1549	<1	0.04	3	2210	2	<5	<20	457	0.11	<10	52	<10	6	97
8	62510	-	20.6	1.44	<5	85	<5	5.66	4	22	29	>10000	5.83	<10	1.34	1541	5	0.06	3	1850	<2	<5	<20	455	0.08	<10	58	<10	3	94
9	62511	-	0.6	1.68	<5	160	<5	5.16	<1	21	21	852	4.46	<10	1.43	1364	<1	0.04	3	2160	<2	<5	<20	424	0.15	<10	62	<10	5	77
10	62512	10	<0.2	2.01	<5	100	<5	4.33	<1	24	28	315	4.79	<10	1.65	1331	<1	0.05	4	2150	<2	<5	<20	310	0.18	<10	140	<10	5	73
11	62513	10	<0.2	2.18	<5	90	<5	3.83	<1	25	34	236	5.13	<10	1.76	1306	<1	0.07	5	2080	<2	<5	<20	205	0.18	<10	174	<10	3	75
12	62514	5	<0.2	2.35	<5	90	<5	3.00	<1	26	34	222	5.19	<10	1.82	1187	<1	0.07	4	2070	<2	<5	<20	160	0.23	<10	184	<10	3	65
13	62515	5	<0.2	2.32	<5	75	<5	3.70	<1	26	28	451	5.22	<10	1.88	1370	2	0.06	4	2080	<2	<5	<20	178	0.21	<10	188	<10	3	71
14	62516	-	2.2	1.98	<5	65	<5	4.38	<1	23	26	2145	5.15	<10	1.56	1564	<1	0.04	4	2200	<2	<5	<20	200	0.19	<10	153	<10	4	68
15	62517	-	4.6	0.57	<5	35	<5	2.83	<1	15	113	955	3.06	<10	0.40	1129	3	<0.01	4	990	6	<5	<20	170	0.04	<10	18	<10	2	25
16	62518	-	0.4	2.26	<5	70	<5	3.87	<1	25	26	728	5.61	<10	1.81	1387	1	0.06	4	2060	<2	<5	<20	160	0.23	<10	185	<10	4	73
17	62519	-	2.2	1.69	<5	65	<5	5.44	1	21	32	1389	5.65	<10	1.48	1546	63	0.05	3	2220	<2	<5	<20	279	0.13	<10	119	<10	3	75
18	62520	-	2.2	1.28	<5	90	<5	5.47	1	20	28	872	4.03	<10	1.11	1709	10	0.03	4	2140	2	<5	<20	396	0.11	<10	49	<10	5	52
19	62521	-	<0.2	1.94	<5	95	<5	4.91	<1	25	24	281	5.06	<10	1.60	1541	<1	0.05	4	2200	<2	<5	<20	340	0.20	<10	124	<10	4	79
20	62522	-	2.4	1.58	<5	60	<5	6.08	1	18	21	1021	4.04	<10	1.39	1982	3	0.04	4	2220	<2	<5	<20	417	0.07	<10	76	<10	4	64
21	62523	5	<0.2	2.10	<5	100	<5	4.64	<1	25	23	115	4.98	<10	1.73	1422	<1	0.05	4	2230	<2	<5	<20	362	0.23	<10	153	<10	5	68
22	62524	5	<0.2	1.86	<5	120	<5	5.28	<1	23	44	248	4.99	<10	1.51	1583	3	0.04	4	2160	<2	<5	<20	516	0.20	<10	104	<10	5	63
23	62525	-	1.0	1.73	<5	90	<5	4.70	1	21	40	1540	4.20	<10	1.28	1744	22	0.02	4	2470	<2	<5	<20	289	0.14	<10	53	430	5	62
24	62526	80	<0.2	2.10	<5	80	<5	4.37	<1	25	27	368	5.09	<10	1.71	1439	<1	0.06	5	2240	<2	<5	<20	291	0.22	<10	151	<10	3	66

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	
QC DATA:																															
<i>Resplit:</i>																															
R/S 1	62503	-	<0.2	1.22	<5	55	<5	5.33	<1	14	32	141	5.13	<10	167	2082	4	0.08	4	2470	<2	<5	<20	257	0.04	<10	102	<10	3	57	
<i>Repeat:</i>																															
1	62503	-	<0.2	1.24	<5	55	<5	5.28	<1	13	27	140	5.15	<10	168	2071	5	0.09	3	2400	<2	<5	<20	261	0.04	<10	104	<10	3	55	
10	62512	15	<0.2	2.01	<5	100	<5	4.35	<1	24	29	312	4.80	<10	161	1332	<1	0.06	4	2230	<2	<5	<20	308	0.19	<10	139	<10	5	74	
19	62521	-	<0.2	1.95	<5	95	<5	4.91	1	25	23	287	5.11	<10	1.61	1539	<1	0.04	5	2200	<2	<5	<20	339	0.21	<10	125	<10	4	79	
<i>Standard:</i>																															
GEO'96		150	1.0	1.91	50	155	<5	1.89	<1	20	68	79	4.32	<10	1.01	738	<1	0.02	26	760	16	<5	<20	67	0.15	<10	86	<10	4	68	

df/882
 'LS/96Teck#4


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



ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ASSAY AK 96-905

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

23-Aug-96

ATTENTION: RANDY FARMER

No. of samples: 24
Sample Type: Core
PROJECT #: 1751
SHIPMENT #: None Given
Sample submitted by: G. Thompson


ET #.	Tag #	Metallic *				Cu (%)
		Au (g/t)	Au (oz/t)	Au (g/t)	Au (oz/t)	
1	62503	<.03	<.001	-	-	-
2	62504	<.03	<.001	-	-	-
3	62505	<.03	<.001	-	-	-
4	62506	<.03	<.001	-	-	-
5	62507	0.05	0.001	-	-	0.66
6	62508	-	-	3.18	0.093	-
7	62509	<.03	<.001	-	-	-
8	62510	0.04	0.001	-	-	1.45
9	62511	<.03	<.001	-	-	-
14	62516	<.03	<.001	-	-	-
15	62517	-	-	0.03	0.001	-
16	62518	<.03	<.001	-	-	-
17	62519	<.03	<.001	-	-	-
18	62520	<.03	<.001	-	-	-
19	62521	<.03	<.001	-	-	-
20	62522	0.05	0.001	-	-	-
23	62525	0.11	0.003	-	-	-

Note: * = sample screened and Metallic assayed


 Frank J. Pezzotti, A.Sc.T. B.C. Certified Assayer

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
QC DATA:				
<i>Resplit:</i>				
R/S 1	62503	<.03	<.001	-
<i>Repeat:</i>				
1	62503	<.03	<.001	-
<i>Standard:</i>				
Std-M		3.26	0.095	-
KCl _a		-	-	0.63
CPb-1		-	-	0.25

XLS/96Teck#4


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

21-Aug-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96 908

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

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

ATTENTION: RANDY FARMER

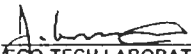
No. of samples: 18
Sample Type: CORE
PROJECT #: 1751
SHIPMENT #: NONE GIVEN
Sample submitted by: G. THOMPSON

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	62501	5	<0.2	2.02	<5	50	10	4.58	<1	26	36	12	5.37	<10	2.08	1531	2	0.04	6	2440	12	<5	<20	293	0.11	<10	195	<10	1	100
2	62502	45	2.4	1.88	<5	85	<5	2.96	<1	29	29	3165	8.66	<10	1.52	1113	24	0.04	5	2000	6	<5	<20	134	0.19	<10	256	<10	<1	48
3	67260	10	0.6	2.18	<5	85	<5	2.40	<1	27	35	922	5.35	<10	1.79	1156	<1	0.07	5	2140	12	<5	<20	147	0.22	<10	191	<10	<1	51
4	67261	10	1.2	2.47	<5	95	<5	3.02	<1	29	37	1515	5.52	<10	1.95	1255	<1	0.06	5	2160	10	<5	<20	149	0.27	<10	197	<10	<1	55
5	67262	30	1.4	2.22	<5	95	<5	4.44	<1	27	39	2072	5.92	<10	1.75	1267	44	0.06	5	2000	8	<5	<20	186	0.25	<10	192	20	<1	48
6	67263	5	<0.2	2.30	<5	70	5	3.07	<1	27	34	44	5.07	<10	1.85	1210	<1	0.05	5	2110	12	<5	<20	154	0.23	<10	197	<10	<1	57
7	67264	5	<0.2	2.30	<5	85	<5	2.93	<1	28	32	193	5.61	<10	1.80	1197	<1	0.07	4	2050	12	<5	<20	156	0.25	<10	185	<10	<1	57
8	67265	5	7.8	1.28	<5	50	<5	3.00	2	26	38	>10000	9.21	<10	1.05	758	15	0.08	4	2340	6	<5	<20	117	0.15	<10	222	<10	<1	39
9	67266	5	<0.2	2.32	<5	75	<5	2.98	<1	27	29	420	5.00	<10	1.83	1311	<1	0.05	4	2120	12	<5	<20	161	0.24	<10	178	<10	<1	62
10	67267	5	<0.2	2.31	<5	95	<5	3.62	<1	27	40	938	5.33	<10	1.83	1443	<1	0.07	5	2090	12	<5	<20	168	0.25	<10	191	<10	1	63
11	67268	5	<0.2	2.34	<5	90	<5	3.86	<1	27	33	225	5.09	<10	1.94	1485	<1	0.07	8	2090	12	<5	<20	182	0.25	<10	195	<10	<1	66
12	67269	10	<0.2	2.51	<5	105	<5	3.31	<1	30	51	251	5.21	<10	2.02	1268	<1	0.08	11	2110	16	<5	<20	176	0.27	<10	198	<10	<1	67
13	67270	5	<0.2	2.43	<5	100	<5	5.01	<1	28	28	157	5.56	<10	1.92	1584	1	0.07	5	2170	10	<5	<20	233	0.29	<10	198	<10	4	58
14	67271	5	<0.2	2.15	<5	60	<5	4.40	<1	27	28	205	6.60	<10	1.84	1335	11	0.06	5	2170	10	<5	<20	238	0.08	<10	192	<10	<1	122
15	67272	90	0.2	1.80	<5	85	<5	5.70	1	24	21	227	5.00	<10	1.57	1736	1	0.03	4	2140	8	<5	<20	361	0.16	<10	136	<10	2	60
16	67273	40	1.0	1.98	<5	70	<5	3.98	<1	25	35	542	5.04	<10	1.73	1515	<1	0.05	4	2150	12	<5	<20	241	0.17	<10	172	<10	1	75
17	67274	5	<0.2	2.04	<5	65	<5	4.23	<1	25	32	96	4.95	<10	1.80	1462	<1	0.05	6	2170	12	<5	<20	222	0.20	<10	178	<10	2	75
18	67275	5	<0.2	1.73	<5	45	<5	4.25	<1	25	31	196	5.92	<10	1.81	1612	2	0.03	5	2320	6	<5	<20	219	0.11	<10	186	<10	<1	86

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	
QC DATA:																															
<i>Resplit:</i>																															
R/S 1	62501	5	<0.2	2.09	<5	50	5	4.75	1	27	32	16	5.39	<10	2.12	1584	<1	0.05	5	2480	10	<5	<20	315	0.13	<10	198	<10	2	99	
<i>Repeat:</i>																															
1	62501	5	<0.2	2.04	<5	50	5	4.60	<1	27	37	14	5.40	<10	2.09	1542	2	0.04	5	2460	12	<5	<20	299	0.12	<10	197	<10	2	99	
10	62767	-	0.2	2.33	<5	95	<5	3.63	<1	27	41	940	5.32	<10	1.84	1443	<1	0.06	5	2130	12	<5	<20	173	0.26	<10	192	<10	1	63	
14	67271	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Standard:</i>																															
GEO'96		150	1.6	1.93	65	155	<5	1.88	<1	20	67	81	4.15	<10	1.00	708	<1	0.02	20	720	24	<5	<20	68	0.15	<10	85	<10	2	68	

dl/895r
XLS/96Teck#3


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



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ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ASSAY AK 96-908

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

21-Aug-96

ATTENTION: RANDY FARMER

No. of samples: 18
Sample Type: CORE
PROJECT #: 1751
SHIPMENT #: NONE GIVEN
Sample submitted by: G. THOMPSON

ET #.	Tag #	Cu (%)
8	67265	1.03


QC DATA:

Standard:

CPb-1

0.25

XLS/96Teck#3


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

26-Aug-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-931

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

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

ATTENTION: RANDY FARMER


No of samples 19
Sample Type Core
PROJECT # 1751
SHIPMENT # None Given
Sample submitted by G Thompson

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	63880	5	<0.2	2.14	<5	125	<5	3.48	<1	31	90	270	6.26	<10	1.72	994	6	0.10	6	2380	12	<5	<20	205	0.26	<10	237	<10	3	46
2	63881	105	<0.2	2.15	<5	120	<5	4.03	<1	24	59	373	5.82	<10	1.72	1114	2	0.08	8	2320	8	<5	<20	121	0.26	<10	226	<10	4	46
3	63882	10	<0.2	2.01	<5	95	<5	3.68	<1	21	52	318	5.30	<10	1.56	940	21	0.09	9	2250	6	<5	<20	139	0.23	<10	207	<10	4	40
4	63883	35	0.6	1.71	<5	80	<5	4.36	1	23	41	846	6.50	<10	1.72	1076	8	0.05	4	2520	6	<5	<20	204	0.12	<10	193	<10	2	60
5	63884	90	1.4	2.40	<5	75	<5	3.23	1	30	37	1705	7.69	<10	1.97	885	4	0.08	5	2510	4	<5	<20	123	0.21	<10	242	<10	2	40
6	63885	5	<0.2	2.01	<5	60	<5	3.05	<1	24	47	55	5.73	<10	1.72	833	1	0.06	4	2450	6	<5	<20	130	0.18	<10	205	<10	3	38
7	63886	130	0.8	2.17	<5	75	<5	3.75	<1	25	34	797	5.97	<10	1.74	917	5	0.07	4	2460	6	<5	<20	142	0.19	<10	198	<10	3	46
8	63887	75	<0.2	1.69	<5	65	<5	4.62	1	20	40	556	5.44	<10	1.47	951	3	0.06	5	2110	6	<5	<20	185	0.15	<10	158	<10	4	95
9	63888	-	1.4	2.08	<5	65	<5	3.95	<1	24	42	1838	6.28	<10	1.72	885	7	0.08	4	2390	6	<5	<20	159	0.15	<10	195	<10	3	61
10	63889	60	0.6	1.77	<5	50	<5	3.88	<1	25	41	771	6.51	<10	1.62	920	7	0.07	4	2340	6	<5	<20	133	0.06	<10	174	10	2	48
11	63890	65	1.2	1.71	<5	60	<5	4.53	<1	21	34	923	5.74	<10	1.64	1071	7	0.06	4	2370	8	<5	<20	211	0.03	<10	152	<10	3	94
12	63891	-	1.2	1.91	<5	160	<5	3.86	1	23	57	864	5.94	<10	1.70	1092	6	0.04	9	2720	14	<5	<20	164	0.02	<10	139	<10	4	156
13	63892	-	0.8	2.03	<5	115	<5	4.18	1	23	38	616	6.65	<10	1.83	1128	7	0.06	5	2610	10	<5	<20	199	0.02	<10	181	<10	4	116
14	63893	-	1.2	2.00	<5	45	<5	2.83	<1	26	90	746	6.27	<10	1.87	1107	7	0.03	12	2550	8	<5	<20	119	0.01	<10	145	<10	3	66
15	63894	-	1.0	2.08	<5	85	<5	3.69	<1	26	39	810	6.42	<10	1.75	1207	7	0.03	5	2380	10	<5	<20	142	0.03	<10	159	<10	3	64
16	63895	-	<0.2	2.35	<5	55	<5	3.92	<1	28	43	284	6.30	<10	1.96	1391	3	0.04	6	2510	8	<5	<20	153	0.09	<10	173	<10	4	70
17	63896	30	1.8	2.16	<5	55	<5	4.34	<1	28	29	1952	6.92	<10	1.85	1480	4	0.03	5	2380	6	<5	<20	153	0.13	<10	204	<10	3	72
18	63897	60	1.0	2.52	<5	90	<5	4.19	<1	34	45	1367	6.90	<10	2.11	1704	<1	0.04	5	2530	8	<5	<20	150	0.28	<10	225	<10	2	71
19	63898	40	2.0	2.62	<5	125	<5	4.27	<1	34	30	1772	6.43	<10	2.02	1629	<1	0.08	4	2600	10	<5	<20	162	0.32	<10	233	<10	3	94

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	
QC DATA:																															
Resplit:																															
R/S 1	63880	5	<0.2	2.19	<5	135	<5	3.54	<1	34	80	271	6.49	<10	1.73	1015	7	0.11	5	2450	14	<5	<20	212	0.27	<10	241	<10	4	49	
Repeat:																															
1	63880	5	<0.2	2.15	<5	130	<5	3.51	<1	31	90	271	6.32	<10	1.71	1000	5	0.10	5	2410	14	<5	<20	212	0.27	<10	238	<10	3	61	
10	63889	-	0.8	1.77	<5	55	<5	3.89	<1	26	41	758	6.54	<10	1.61	922	7	0.07	4	2330	8	<5	<20	133	0.06	<10	174	20	2	49	
Standard:																															
GEO'96		150	1.2	1.87	60	165	<5	2.04	<1	21	73	80	4.20	<10	0.99	720	<1	0.02	22	710	20	<5	<20	64	0.14	<10	86	<10	5	82	

dl/5181
XLS/96Teck#4


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



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ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ASSAY AK 96-931

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

29-Aug-96


ATTENTION: RANDY FARMER

No. of samples: 19
Sample Type: Core
PROJECT #: 1751
SHIPMENT #: None Given
Sample submitted by: G. Thompson

ET #.	Tag #	Metallic*	
		Au (g/t)	Au (oz/t)
12	63891	0.03	0.001
13	63892	0.09	0.003
14	63893	0.03	0.001
15	63894	0.03	0.001
16	63895	0.03	0.001

NOTE:*=Sample screened and Metallic assayed

XLS/96Teck#4


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



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ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ASSAY AK 96-931a

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

29-Aug-96


ATTENTION: RANDY FARMER

No. of samples received: 19
Sample type: CORE
PROJECT: # 1751
SHIPMENT: # NONE GIVEN
Samples submitted by: G. THOMPSON

SCREEN ASSAY

ET #.	Tag #	+ 140 Cu (%)	- 140 Cu (%)	Total Cu (%)
9	63888	0.05	0.16	0.16

XLS/96Teck#4


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



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ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2. Kamloops, B.C. V2C 6T4 Phone (250) 573-5700
Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 96-931aa

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

22-Nov-96

ATTENTION: RANDY FARMER

No. of samples: 19
Sample Type: Core
PROJECT #: 1751
SHIPMENT #: None Given
Sample submitted by: G. Thompson

ET #.	Tag #	Au (g/t)	Au (oz/t)
9	63888	0.17	0.005


QC DATA:

Standard:

STD-M

1.42 0.041

XLS/96Teck#6



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

3-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-951

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

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

ATTENTION: R.FARMER

No. of samples: 27
Sample Type: CORE
PROJECT #: 1751
SHIPMENT #: NONE GIVEN
Sample submitted by: G. THOMSON

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	63851	65	0.4	0.87	<5	55	<5	2.51	<1	11	42	215	3.12	<10	0.72	679	3	0.04	2	1340	4	<5	<20	159	0.07	<10	74	<10	4	24
2	63852	5	<0.2	0.90	<5	40	<5	3.14	<1	11	34	167	3.43	<10	0.75	565	4	0.04	2	1210	2	<5	<20	138	0.07	<10	97	<10	2	19
3	63853	5	<0.2	1.26	<5	50	<5	2.89	<1	12	38	82	3.40	<10	0.92	500	4	0.05	2	1380	2	<5	<20	116	0.17	<10	130	<10	2	15
4	63854	5	<0.2	1.20	<5	45	<5	3.03	<1	12	30	120	3.98	<10	0.94	481	1	0.05	3	1600	2	<5	<20	120	0.15	<10	143	<10	2	18
5	63855	5	<0.2	1.01	<5	35	<5	3.82	<1	10	31	96	3.60	<10	0.82	548	2	0.04	2	1370	<2	<5	<20	193	0.11	<10	123	<10	4	17
6	63856	130	0.4	0.96	<5	45	<5	3.88	<1	11	29	223	3.50	<10	0.74	666	6	0.04	2	1370	<2	<5	<20	209	0.09	<10	92	<10	4	22
7	63857	120	0.2	0.78	<5	35	<5	3.57	<1	8	35	97	3.04	<10	0.63	620	4	0.03	<1	1230	<2	<5	<20	181	0.07	<10	80	<10	3	18
8	63858	45	<0.2	1.05	<5	40	<5	3.51	<1	10	36	134	3.51	<10	0.84	743	4	0.04	2	1390	<2	<5	<20	148	0.10	<10	115	<10	2	23
9	63859	155	0.4	0.72	<5	65	<5	3.26	<1	9	58	61	2.73	<10	0.61	736	8	0.03	2	1330	4	<5	<20	202	0.03	<10	37	<10	1	20
10	63860	140	1.4	0.86	<5	120	<5	4.78	<1	14	33	631	3.71	<10	1.07	1079	10	0.03	1	2230	6	<5	<20	267	0.05	<10	54	<10	2	29
11	63861	145	0.6	0.83	<5	50	<5	4.91	4	15	29	105	4.18	<10	1.32	1496	2	0.02	<1	1900	10	<5	<20	298	0.04	<10	69	<10	2	348
12	63862	5	<0.2	1.64	<5	75	<5	2.81	<1	19	48	300	3.96	<10	1.29	828	3	0.06	2	1830	4	<5	<20	148	0.19	<10	160	<10	1	28
13	63863	5	<0.2	2.11	<5	105	<5	2.38	<1	22	53	106	4.48	<10	1.62	891	<1	0.06	2	2570	6	<5	<20	190	0.23	<10	179	<10	<1	37
14	63865	10	<0.2	2.01	<5	80	<5	3.87	<1	22	20	432	5.51	<10	1.55	1034	21	0.04	2	2430	6	<5	<20	185	0.22	<10	202	<10	<1	35
15	63866	10	1.2	0.38	<5	25	<5	2.68	<1	3	39	659	1.43	<10	0.26	601	62	0.04	1	510	<2	<5	<20	131	0.02	<10	28	<10	2	13
16	63867	55	<0.2	2.28	<5	110	<5	3.17	<1	22	32	240	4.63	<10	1.74	1253	<1	0.05	2	2660	6	<5	<20	193	0.23	<10	168	<10	<1	53
17	63869	5	<0.2	2.26	<5	120	<5	2.82	<1	23	37	110	4.89	<10	1.83	996	<1	0.04	3	2790	6	<5	<20	194	0.19	<10	190	<10	<1	39
18	63870	5	<0.2	2.03	<5	110	<5	3.50	<1	23	19	516	5.41	<10	1.67	904	<1	0.04	2	2470	6	<5	<20	164	0.23	<10	201	<10	<1	32
19	63871	275	1.2	1.35	<5	65	<5	3.66	<1	16	28	1600	5.48	<10	1.07	816	2	0.05	2	1950	4	<5	<20	152	0.16	<10	166	<10	2	28
20	63872	5	<0.2	2.24	<5	125	<5	4.32	<1	23	30	222	5.16	<10	1.68	1128	<1	0.04	2	2720	8	<5	<20	217	0.26	<10	201	<10	2	44
21	63873	5	<0.2	1.97	<5	65	<5	2.67	<1	22	35	158	4.65	<10	1.60	978	<1	0.04	3	2390	8	<5	<20	188	0.19	<10	175	<10	<1	56
22	63874	5	<0.2	1.94	<5	65	<5	2.78	<1	21	52	188	4.18	<10	1.51	969	<1	0.06	2	2450	8	<5	<20	204	0.21	<10	187	<10	1	53
23	63875	15	0.6	1.82	<5	45	<5	4.17	<1	21	35	380	4.86	<10	1.55	1227	<1	0.04	2	2030	6	<5	<20	144	0.18	<10	202	<10	1	46
24	63876	30	<0.2	2.16	<5	85	<5	4.42	<1	21	45	464	5.04	<10	1.82	1302	2	0.05	3	2470	6	<5	<20	170	0.22	<10	205	<10	4	50
25	63877	15	<0.2	2.76	<5	140	<5	4.63	<1	28	39	671	7.11	<10	2.25	1419	4	0.05	4	2540	8	<5	<20	192	0.30	<10	288	<10	2	63

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	63878	5	<0.2	2.83	<5	125	<5	4.54	<1	27	24	201	5.57	<10	2.22	1355	<1	0.04	4	2540	8	<5	<20	200	0.31	<10	247	<10	2	58
27	63879	5	<0.2	2.23	<5	120	<5	3.60	<1	24	37	170	5.12	<10	1.86	1042	2	0.04	8	2280	8	<5	<20	169	0.30	<10	219	<10	2	44

QC DATA:

Resplit:

R/S 1	63851	20	0.4	0.87	<5	50	<5	2.52	<1	12	49	204	3.29	<10	0.73	675	2	0.04	3	1460	4	<5	<20	156	0.07	<10	76	<10	4	25
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Repeat:

1	63851	70	0.4	0.87	<5	50	<5	2.52	<1	11	43	215	3.16	<10	0.72	680	3	0.04	3	1390	4	<5	<20	158	0.07	<10	74	<10	4	24
10	63860	110	1.4	0.88	<5	130	<5	4.80	<1	14	35	627	3.76	<10	1.07	1085	11	0.03	1	2330	6	<5	<20	269	0.05	<10	54	<10	2	30
19	63871	-	1.4	1.39	<5	70	<5	3.76	<1	17	29	1666	5.56	<10	1.09	835	4	0.05	1	2070	4	<5	<20	159	0.17	<10	169	<10	2	29

Standard:

GEO'96		145	1.0	1.80	70	165	<5	1.99	<1	20	71	81	4.41	<10	1.05	738	<1	0.02	22	800	22	<5	<20	60	0.12	<10	91	<10	5	71
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df/951
XLS/96Teck#4


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

6-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-992

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

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

ATTENTION: G.THOMSON

No. of samples:27
Sample Type: CORE
PROJECT #:1751
SHIPMENT #:NONE GIVEN
Samples submitted by: G.THOMSON

Values in ppm unless otherwise reported

.T #.	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	63899	35	0.8	1.31	<5	35	<5	5.09	<1	21	19	428	3.59	<10	1.05	1755	<1	<0.01	3	2270	6	<5	<20	251	0.13	<10	63	<10	4	59
2	63900	-	18.4	0.15	<5	25	<5	0.26	3	18	128	4914	>10	<10	0.06	127	14	<0.01	4	300	70	<5	<20	14	<0.01	10	6	140	<1	41
3	63901	30	1.0	1.67	<5	70	<5	5.38	<1	19	17	462	4.06	<10	1.43	1679	<1	0.02	3	2110	8	<5	<20	257	0.19	<10	103	<10	2	76
4	63902	10	0.8	0.37	<5	25	<5	2.00	<1	6	69	273	2.40	<10	0.30	466	7	0.02	3	750	4	<5	<20	78	0.03	<10	38	<10	<1	18
5	63903	5	0.2	0.63	<5	20	<5	2.97	<1	8	29	218	3.29	<10	0.56	550	8	0.02	3	1310	4	<5	<20	87	0.07	<10	87	<10	2	20
6	63904	95	<0.2	0.74	<5	25	<5	2.50	<1	8	50	160	3.02	<10	0.74	452	6	0.03	2	1220	4	<5	<20	87	0.07	<10	79	50	2	27
7	63905	120	0.4	0.28	<5	20	<5	2.53	<1	5	32	27	1.92	<10	0.25	467	38	0.02	2	510	4	<5	<20	85	<0.01	<10	22	<10	1	14
8	63906	35	0.6	0.61	<5	20	<5	3.33	<1	7	45	230	2.88	<10	0.58	552	6	0.02	2	1350	4	<5	<20	123	0.05	<10	71	<10	2	26
9	63907	10	0.4	0.77	<5	25	<5	3.96	<1	10	23	216	3.35	<10	0.74	661	2	0.02	2	1880	4	<5	<20	173	0.09	<10	95	<10	2	28
10	63908	305	1.0	0.54	<5	15	<5	4.21	<1	9	34	304	2.98	<10	0.59	843	8	0.01	2	1450	4	<5	<20	190	0.04	<10	52	<10	2	20
11	63909	30	0.4	0.33	<5	20	<5	2.68	<1	4	45	243	1.87	<10	0.32	441	12	0.02	3	450	2	<5	<20	84	0.01	<10	46	<10	1	12
12	63910	30	0.2	0.29	<5	20	<5	1.90	<1	4	64	139	1.86	<10	0.27	366	19	0.02	4	440	2	<5	<20	61	<0.01	<10	33	<10	<1	11
13	63911	35	<0.2	0.18	<5	20	<5	1.26	<1	4	104	93	1.67	<10	0.12	249	42	0.01	2	270	<2	<5	<20	42	<0.01	<10	11	360	<1	6
14	63912	>1000	2.0	0.29	<5	20	<5	2.65	<1	4	68	229	2.03	<10	0.24	505	36	0.02	4	370	6	<5	<20	101	<0.01	<10	17	<10	<1	10
15	63913	15	0.6	0.26	<5	20	<5	2.59	<1	5	46	121	1.68	<10	0.21	479	20	0.02	4	430	2	<5	<20	104	<0.01	<10	13	<10	<1	9
16	63914	75	1.0	0.24	<5	30	<5	2.25	<1	4	70	351	1.60	<10	0.19	384	21	0.02	4	420	4	<5	<20	86	<0.01	<10	14	<10	<1	8
17	63915	95	3.0	0.23	<5	20	<5	1.76	<1	3	60	248	1.72	<10	0.18	357	42	0.02	3	400	18	<5	<20	61	<0.01	<10	15	<10	<1	9
18	63916	30	0.6	0.35	<5	25	<5	3.45	<1	5	87	42	2.26	<10	0.42	737	96	0.02	16	440	8	<5	<20	178	0.02	<10	18	<10	1	16
19	63917	135	1.0	0.54	<5	15	10	3.51	<1	10	81	43	2.78	<10	0.69	753	63	0.01	45	710	10	<5	<20	144	0.03	<10	26	<10	<1	24
20	63918	10	0.8	0.23	<5	25	<5	1.41	<1	5	69	153	1.68	<10	0.21	289	55	0.02	5	350	4	<5	<20	40	<0.01	<10	22	<10	<1	9
21	63919	15	0.4	0.20	<5	20	<5	2.32	<1	4	71	92	1.69	<10	0.13	446	30	0.02	3	350	2	<5	<20	92	<0.01	<10	12	<10	<1	9
22	63920	60	0.8	0.22	<5	25	<5	2.21	<1	5	59	246	1.74	<10	0.17	396	37	0.02	4	490	6	<5	<20	101	<0.01	<10	17	<10	<1	8
23	63921	125	1.2	0.18	<5	20	<5	3.46	<1	4	56	197	1.92	<10	0.13	797	206	0.01	3	350	8	<5	<20	195	<0.01	<10	7	110	1	18
24	63922	95	0.8	0.20	<5	10	<5	2.57	<1	3	49	236	1.39	<10	0.13	519	6	0.02	2	340	4	<5	<20	118	<0.01	<10	13	<10	1	10
25	63923	130	0.2	0.22	<5	15	<5	2.43	<1	4	64	51	1.49	<10	0.17	428	24	0.02	3	370	4	<5	<20	105	<0.01	<10	23	<10	1	6

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	63924	90	2.2	0.32	<5	15	<5	2.92	<1	7	51	328	2.48	<10	0.27	569	19	0.02	3	730	14	<5	<20	133	<0.01	<10	29	<10	<1	22
27	63925	10	1.4	0.38	<5	20	<5	2.22	<1	7	70	81	2.57	<10	0.41	528	20	0.02	4	860	30	<5	<20	113	0.01	<10	31	<10	<1	52

QC DATA:**Resplit:**

R/S 1	63899	20	0.8	1.20	<5	30	<5	4.95	<1	19	16	410	3.26	<10	0.92	1650	<1	<0.01	3	2190	10	<5	<20	235	0.12	<10	56	<10	3	57
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Repeat:

1	63899	20	0.8	1.33	<5	40	<5	5.08	<1	20	20	424	3.60	<10	1.06	1756	<1	<0.01	2	2240	6	<5	<20	254	0.14	<10	64	<10	4	59
10	63908	270	0.8	0.53	<5	20	<5	4.12	<1	9	33	290	2.94	<10	0.57	820	8	0.01	3	1490	6	<5	<20	189	0.04	<10	51	<10	2	20
19	63917	-	1.0	0.52	<5	15	10	3.31	<1	10	76	39	2.67	<10	0.65	709	61	0.01	42	670	10	<5	<20	136	0.03	<10	25	<10	<1	23

Standard:

GEO'96		140	1.0	1.57	60	160	<5	1.85	<1	18	65	69	3.78	<10	0.94	710	<1	0.01	22	760	24	<5	<20	57	0.11	<10	80	<10	6	72
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'5219
XLS/96Teck#4


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



ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ASSAY AK 96-992

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

2-Sep-96

ATTENTION: G.THOMSON

No. of samples: 27
Sample Type: CORE
PROJECT #: 1751
SHIPMENT #: NONE GIVEN
Samples submitted by: G. THOMSON

ET #.	Tag #	Metallic*	
		Au (oz/t)	Au (oz/t)
2	63900	0.56	0.016

QC DATA:

Standard:

STD-M

3.23 0.094

NOTE: * = Sample Screened and Metallic Assayed

XLS/96Teck#4

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



ASSAYING
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ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ASSAY AK 96-992a

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

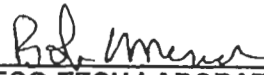
2-Sep-96

ATTENTION: G.THOMSON

No. of samples: 27
Sample Type: CORE
PROJECT #: 1751
SHIPMENT #: NONE GIVEN
Samples submitted by: G. THOMSON

ET #.	Tag #	Au (oz/t)	Au (oz/t)
14	63912	2.68	0.078

XLS/96Teck#4

per

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

12-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-1001

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

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

ATTENTION: G.THOMSON

No. of samples 29
Sample Type CORE
PROJECT #: 1751
SHIPMENT #: NONE GIVEN
Samples submitted by: G. THOMSON

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	63951	5	<0.2	1.65	<5	40	<5	4.23	<1	18	40	206	4.70	<10	1.47	1148	17	0.02	2	2370	2	<5	<20	272	0.15	<10	187	<10	3	52
2	63952	70	0.6	0.79	<5	45	<5	6.08	<1	20	28	224	4.40	<10	1.26	1502	11	0.02	2	2510	<2	<5	<20	340	0.05	<10	68	<10	5	37
3	63953	25	0.4	1.21	<5	40	<5	5.88	<1	23	28	195	4.93	<10	1.32	1387	11	0.02	1	2490	4	<5	<20	213	0.12	<10	119	<10	4	45
4	63954	45	0.8	1.11	<5	50	<5	5.73	<1	22	43	346	5.29	<10	1.57	1379	9	0.02	9	2730	4	<5	<20	227	0.10	<10	97	<10	4	40
5	63955	130	0.4	1.32	<5	55	<5	5.59	<1	31	41	225	6.69	<10	1.59	1513	32	0.02	10	2780	4	<5	<20	237	0.12	<10	150	<10	4	44
6	63956	5	<0.2	1.42	<5	40	<5	5.30	<1	24	32	149	5.63	<10	1.66	1609	16	0.02	3	2470	2	<5	<20	160	0.14	<10	180	<10	5	44
7	63957	115	0.6	1.22	<5	40	<5	5.43	<1	22	28	608	5.44	<10	1.43	1527	7	0.02	4	2320	4	<5	<20	166	0.14	<10	130	<10	6	51
8	63958	5	<0.2	1.71	<5	55	<5	5.29	<1	25	29	411	5.82	<10	1.54	1241	3	0.02	5	2390	4	<5	<20	134	0.22	<10	158	<10	5	54
9	63959	60	0.8	1.75	<5	80	<5	5.10	<1	24	25	999	6.49	<10	1.53	1031	3	0.02	4	2260	2	<5	<20	135	0.22	<10	175	<10	5	42
10	63960	620	7.4	1.13	<5	35	<5	8.51	<1	52	23	3314	8.14	<10	1.07	1641	12	0.01	7	2050	4	<5	<20	277	0.08	<10	141	<10	2	38
11	63961	115	0.8	1.72	<5	55	<5	4.69	<1	26	28	977	6.31	<10	1.53	1001	6	0.02	5	2320	4	<5	<20	98	0.22	<10	172	<10	5	45
12	63962	480	3.6	1.65	<5	55	<5	3.81	<1	25	32	3046	7.18	<10	1.33	1002	4	0.02	6	2510	4	<5	<20	84	0.21	<10	200	<10	2	56
13	63963	15	<0.2	2.15	<5	55	<5	4.51	<1	28	24	480	6.21	<10	1.77	1406	<1	0.02	5	2370	4	<5	<20	100	0.24	<10	210	<10	2	74
14	63964	10	<0.2	2.04	<5	60	<5	3.77	<1	27	32	497	5.98	<10	1.66	1296	<1	0.02	6	2390	6	<5	<20	85	0.22	<10	191	<10	2	69
15	63965	10	0.2	2.18	<5	50	<5	5.03	<1	27	25	499	6.06	<10	1.79	1509	<1	0.02	4	2390	4	<5	<20	100	0.22	<10	208	<10	2	69
16	63966	20	0.2	2.05	<5	145	<5	5.39	<1	25	39	393	6.25	<10	1.86	1571	3	0.02	13	2980	4	<5	<20	180	0.20	<10	179	<10	2	71
17	63967	>1000	0.8	1.83	<5	125	<5	6.95	<1	28	49	597	5.79	<10	1.89	1829	2	0.02	18	3440	4	<5	<20	398	0.22	<10	114	<10	5	67
18	63968	45	0.2	2.18	<5	75	<5	4.80	<1	29	32	953	6.36	<10	1.76	1375	<1	0.02	6	2500	4	<5	<20	121	0.29	<10	216	<10	3	58
19	63969	5	<0.2	2.19	<5	65	<5	4.52	<1	31	28	443	6.42	<10	1.74	1616	<1	0.02	4	2610	8	<5	<20	86	0.31	<10	217	<10	4	81
20	63970	10	0.6	2.07	<5	105	<5	4.06	<1	31	36	880	6.50	<10	1.70	1434	<1	0.02	7	2700	10	<5	<20	113	0.29	<10	216	<10	4	81
21	63971	60	0.8	1.66	<5	50	<5	4.62	<1	27	29	1038	6.13	<10	1.32	1352	2	0.02	3	3040	8	<5	<20	229	0.23	<10	173	<10	5	70
22	63972	5	<0.2	2.31	<5	70	<5	5.17	<1	33	27	211	6.66	<10	1.87	1721	<1	0.02	5	2890	10	<5	<20	107	0.34	<10	241	<10	6	84
23	63973	10	<0.2	2.14	<5	80	<5	4.49	<1	31	31	391	6.45	<10	1.78	1549	<1	0.02	5	2710	10	<5	<20	98	0.29	<10	213	<10	3	78
24	63974	65	1.2	1.84	<5	75	<5	5.18	<1	29	36	1337	6.27	<10	1.68	1232	<1	0.02	6	2880	14	<5	<20	599	0.21	<10	183	<10	1	51
25	63975	20	<0.2	1.92	<5	70	<5	4.72	<1	30	27	515	6.21	<10	1.62	1482	<1	0.02	4	2630	10	<5	<20	111	0.26	<10	188	<10	3	70

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	63976	15	1.0	2.17	<5	70	<5	5.31	<1	35	28	1369	7.33	<10	1.86	1614	<1	0.02	5	2930	10	<5	<20	217	0.27	<10	212	<10	2	78
27	63977	5	<0.2	2.32	<5	160	<5	4.19	<1	36	52	183	6.65	<10	2.11	1554	<1	0.02	15	3190	12	<5	<20	111	0.30	<10	217	<10	3	87
28	63978	5	<0.2	2.49	<5	100	<5	4.74	<1	36	36	108	6.66	<10	2.06	1791	4	0.02	4	3030	12	<5	<20	112	0.32	<10	237	<10	3	98
29	63979	5	<0.2	2.41	<5	95	<5	4.45	<1	38	36	536	6.78	<10	1.92	1713	<1	0.02	6	2880	12	<5	<20	98	0.34	<10	224	<10	3	90

QC DATA:

Resplit:

R/S 1	63951	5	<0.2	1.66	<5	40	<5	4.53	<1	22	41	204	4.86	<10	1.48	1210	15	0.02	1	2420	6	<5	<20	291	0.16	<10	200	<10	3	60
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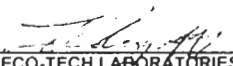
Repeat:

1	63951	5	<0.2	1.74	<5	40	<5	4.66	<1	20	44	211	5.17	<10	1.55	1256	20	0.02	2	2620	4	<5	<20	277	0.16	<10	201	<10	4	59
10	63960	610	6.6	1.18	<5	35	<5	9.03	<1	56	25	3450	8.71	<10	1.10	1739	13	0.02	5	2200	6	<5	<20	286	0.09	<10	150	<10	3	41
19	63969	10	<0.2	2.24	<5	65	<5	4.67	<1	32	29	435	6.61	<10	1.77	1666	<1	0.02	5	2790	10	<5	<20	88	0.31	<10	221	<10	4	85

Standard:

GEO'96		145	1.4	1.84	65	170	<5	1.86	<1	24	72	73	4.02	<10	1.01	720	<1	0.01	18	730	20	<5	<20	60	0.14	<10	92	<10	5	74
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dl/5216
XLS/96Teck#4


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



ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ASSAY AK 96-1001

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


12-Sep-96

ATTENTION: G.THOMSON

No. of samples: 29
Sample Type: CORE
PROJECT #: 1751
SHIPMENT #: NONE GIVEN
Samples submitted by: G. THOMSON

ET #.	Tag #	Au (oz/t)	Au (oz/t)
17	63967	1.11	0.032

XLS/96Teck#4


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

12-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-1002

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

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

ATTENTION: G. THOMSON

No of samples 7
Sample Type CORE
PROJECT # 1751
SHIPMENT # NONE GIVEN
Samples submitted by G. THOMSON

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	63926	15	0.4	0.58	<5	30	<5	5.59	<1	11	90	178	3.75	<10	0.59	868	34	0.03	5	1330	12	<5	<20	106	0.04	<10	86	<10	5	39
2	63927	5	0.2	0.55	<5	30	<5	3.62	<1	9	97	60	3.82	<10	0.54	647	68	0.03	4	1590	2	<5	<20	63	0.05	<10	76	<10	3	25
3	63928	10	<0.2	0.77	<5	40	<5	4.15	<1	12	50	91	4.14	<10	0.75	732	24	0.03	3	1710	<2	<5	<20	65	0.11	<10	130	<10	3	27
4	63929	5	<0.2	0.93	<5	45	<5	4.74	<1	16	80	149	5.29	<10	0.90	826	12	0.04	5	2120	6	<5	<20	69	0.12	<10	171	<10	5	35
5	63930	5	<0.2	0.39	<5	35	<5	2.19	<1	12	77	30	3.33	<10	0.31	409	173	0.03	3	720	4	<5	<20	34	0.04	<10	52	<10	1	16
6	63931	5	<0.2	0.69	<5	30	<5	5.49	<1	17	58	84	4.91	<10	0.60	874	5	0.03	4	1900	2	<5	<20	64	0.09	<10	131	<10	5	26
7	63932	10	0.4	0.32	<5	25	10	4.08	<1	6	77	14	3.08	<10	0.30	773	178	0.03	3	600	4	<5	<20	72	<0.01	<10	28	<10	2	20

QC DATA:

Resplit:

R/S 1	63926	10	0.4	0.54	<5	35	<5	5.13	<1	10	80	164	3.49	<10	0.55	818	32	0.03	4	1210	12	<5	<20	94	0.03	<10	77	<10	5	32
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Repeat:

1	63926	-	0.2	0.56	<5	25	<5	5.43	<1	9	78	172	3.60	<10	0.57	786	31	0.03	5	1260	8	<5	<20	99	0.03	<10	79	<10	4	31
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Standard:

GEO'96	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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dl/997
XLS/96Teck#4


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

23-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-1049

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

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

ATTENTION: RANDY FARMER


No. of samples: 27
Sample Type: CORE
PROJECT #: 1751
SHIPMENT #: NONE GIVEN
Sample submitted by: G. THOMSON

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	63980	5	2.2	0.14	<5	30	15	0.77	<1	2	87	25	0.87	<10	0.08	165	126	0.02	2	50	24	<5	<20	34	<0.01	<10	5	<10	<1	29
2	63981	5	1.0	0.24	<5	35	<5	1.32	<1	<1	80	113	0.72	<10	0.22	270	80	0.04	1	240	6	<5	<20	48	0.01	<10	16	<10	<1	7
3	63982	5	2.4	1.35	<5	35	<5	2.60	<1	12	71	769	3.80	<10	1.30	562	1	0.04	5	1300	38	<5	<20	87	0.16	<10	160	<10	<1	33
4	63983	50	0.2	1.12	<5	30	<5	3.29	<1	12	60	308	3.82	<10	1.04	629	8	0.04	4	1140	12	<5	<20	110	0.12	<10	143	<10	2	25
5	63984	60	0.8	1.47	<5	40	<5	3.73	<1	16	47	553	4.35	<10	1.33	854	<1	0.03	5	1540	14	<5	<20	143	0.19	<10	158	<10	2	33
6	63985	15	0.6	0.35	<5	15	<5	1.77	<1	2	83	101	1.60	<10	0.27	375	50	0.03	3	390	4	<5	<20	57	0.02	<10	32	<10	<1	8
7	63986	10	0.6	0.29	<5	15	<5	1.42	<1	3	86	74	1.89	<10	0.28	314	93	0.03	3	460	20	<5	<20	53	0.01	<10	24	<10	<1	16
8	63987	5	0.6	0.27	<5	20	<5	1.48	<1	2	69	43	1.49	<10	0.25	310	50	0.03	4	300	4	<5	<20	59	0.01	<10	20	<10	<1	9
9	63988	5	0.6	0.23	<5	20	<5	1.59	<1	1	117	148	1.28	<10	0.18	305	85	0.03	3	180	6	<5	<20	42	<0.01	<10	13	<10	<1	8
10	63989	40	2.4	0.21	<5	10	20	1.74	<1	14	78	74	2.59	<10	0.14	314	856	0.02	4	340	12	<5	<20	54	<0.01	20	12	<10	<1	4
11	63990	5	0.4	0.27	<5	10	<5	1.02	<1	3	97	97	1.57	<10	0.23	186	36	0.03	5	340	6	<5	<20	23	0.01	<10	22	<10	<1	6
12	63991	5	0.8	0.31	<5	15	<5	1.79	<1	4	87	75	1.64	<10	0.27	316	90	0.03	4	410	6	<5	<20	53	0.02	<10	29	<10	<1	7
13	63992	5	1.0	0.38	<5	15	<5	1.23	<1	5	81	366	1.98	<10	0.37	235	35	0.03	4	450	6	<5	<20	31	0.03	<10	47	<10	<1	9
14	63993	10	1.0	0.41	<5	15	<5	1.39	<1	4	73	369	1.67	<10	0.37	274	35	0.03	3	480	6	<5	<20	34	0.04	20	47	60	<1	12
15	63994	30	0.8	0.43	<5	20	<5	1.18	<1	3	91	412	1.67	<10	0.38	238	20	0.03	5	410	4	<5	<20	27	0.04	20	51	<10	<1	11
16	63995	25	1.6	0.49	<5	15	<5	1.48	<1	5	80	673	2.05	<10	0.44	281	64	0.04	4	470	4	<5	<20	33	0.05	10	63	<10	<1	11
17	63996	5	1.2	0.52	<5	15	<5	1.67	<1	5	55	243	2.21	<10	0.50	356	21	0.03	2	820	6	<5	<20	43	0.06	<10	69	<10	<1	13
18	63997	30	1.6	0.46	<5	15	<5	1.87	<1	5	50	369	1.80	<10	0.48	363	55	0.04	3	990	6	<5	<20	65	0.04	30	64	<10	2	9
19	63998	5	1.2	0.49	<5	10	<5	1.68	<1	6	68	167	2.34	<10	0.53	337	23	0.04	2	1070	6	<5	<20	63	0.05	20	70	<10	1	11
20	63999	5	1.4	0.64	<5	15	<5	2.17	<1	9	53	228	2.97	<10	0.63	428	30	0.04	2	1150	10	<5	<20	356	0.07	<10	86	<10	<1	18
21	64000	5	<0.2	0.65	<5	15	<5	2.14	1	8	59	203	2.72	<10	0.64	400	4	0.04	2	1200	8	<5	<20	111	0.08	<10	100	<10	1	20
22	88251	5	1.4	0.56	<5	10	<5	2.41	<1	15	43	458	2.42	<10	0.55	525	6	0.04	9	940	16	<5	<20	1588	0.07	<10	75	<10	2	24
23	88252	5	1.0	0.70	<5	30	<5	2.03	<1	10	74	261	3.07	<10	0.77	451	45	0.03	3	1310	28	<5	<20	107	0.10	<10	122	<10	3	31
24	88253	10	1.2	0.33	<5	15	<5	0.95	<1	4	46	139	1.90	<10	0.28	205	16	0.03	2	680	6	<5	<20	29	0.02	20	36	<10	<1	8
25	88254	20	<0.2	1.22	<5	40	<5	3.29	<1	16	52	419	4.00	<10	1.08	657	32	0.03	4	1550	12	<5	<20	126	0.17	<10	141	<10	<1	22

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	68255	145	<0.2	1.40	<5	35	<5	3.19	<1	16	30	117	3.88	<10	1.17	856	<1	0.03	2	1740	12	<5	<20	68	0.20	<10	164	<10	<1	25	
27	68256	155	0.4	1.59	<5	85	<5	3.30	<1	20	48	424	4.39	<10	1.45	948	7	0.03	11	2430	14	<5	<20	113	0.22	<10	168	<10	1	31	
G.DATA:																															
esplit:																															
R/S 1	63980	10	1.4	0.16	<5	30	<5	0.67	<1	2	96	24	0.65	<10	0.08	157	126	0.03	2	50	8	<5	<20	32	<0.01	<10	5	<10	<1	12	
repeat:																															
1	63980	5	2.0	0.14	<5	25	10	0.74	<1	1	84	22	0.82	<10	0.08	155	123	0.02	2	50	14	<5	<20	30	<0.01	<10	5	<10	<1	9	
10	63989	45	2.4	0.20	<5	20	20	1.62	<1	13	76	70	2.44	<10	0.13	296	819	0.02	3	330	12	<5	<20	58	<0.01	20	11	<10	<1	4	
19	63998	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
standard:																															
EO'96		140	1.0	1.78	60	160	<5	1.78	1	19	65	76	3.51	<10	0.84	611	<1	0.01	21	670	20	<5	<20	44	0.10	<10	77	<10	1	68	

AK 96-1049
 LS/96Teck
 Fax @ 372-1285 - Attn: Randy Farmer


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

16-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-1060

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

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

ATTENTION: RANDY FARMER

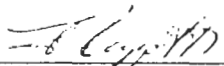
No of samples: 21
Sample Type: CORE
PROJECT #: 1751
SHIPMENT #: NONE GIVEN
Samples submitted by: G. THOMSON

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	68257	70	1.4	1.20	<5	75	<5	5.46	<1	20	26	658	4.34	<10	1.73	1294	2	0.03	3	2140	12	10	<20	463	0.10	<10	109	<10	6	44
2	68258	925	3.0	0.94	<5	45	<5	5.39	2	28	37	304	5.46	<10	1.48	1562	24	0.02	6	1980	18	15	<20	522	0.03	<10	46	<10	3	45
3	68259	20	0.6	0.82	<5	55	<5	5.38	1	21	27	174	4.25	<10	1.52	1423	4	0.03	5	2130	12	10	<20	899	0.07	<10	53	<10	5	42
4	68260	305	2.6	0.53	<5	55	<5	5.60	3	22	37	434	5.36	<10	1.43	1454	43	0.03	4	1960	26	<5	<20	730	0.02	<10	30	<10	2	49
5	68261	175	4.0	0.59	<5	80	<5	6.08	4	17	31	687	4.29	<10	1.52	1513	6	0.03	4	2120	10	10	<20	1286	0.02	<10	36	<10	4	53
6	68262	265	4.8	0.98	<5	15	<5	>10	3	18	51	1290	4.50	<10	0.95	2056	105	0.03	5	1800	22	10	<20	2627	0.02	<10	50	<10	5	33
7	68263	180	6.2	1.74	<5	50	<5	5.55	8	23	32	2538	5.33	<10	1.70	1096	59	0.06	6	2230	96	10	<20	256	0.06	<10	216	<10	<1	105
8	68264	90	<0.2	2.03	<5	50	<5	5.35	<1	23	19	251	5.02	<10	1.81	1363	<1	0.04	3	2220	20	10	<20	305	0.18	<10	197	<10	5	64
9	68265	830	2.4	2.07	<5	70	<5	7.44	2	28	25	1085	6.06	<10	1.76	1867	6	0.04	8	2030	16	10	<20	375	0.22	<10	182	<10	3	69
10	68266	85	2.6	1.09	<5	125	<5	4.49	1	18	35	1293	4.25	<10	1.43	1202	2	0.04	11	2470	12	10	<20	294	0.11	<10	94	<10	3	57
11	68267	10	<0.2	2.80	<5	100	<5	4.36	<1	30	29	430	6.30	<10	2.11	1404	<1	0.05	6	2670	32	10	<20	175	0.34	<10	251	<10	3	61
12	68268	20	0.8	2.21	<5	55	<5	4.66	<1	24	25	430	5.57	<10	1.73	1350	1	0.05	5	2340	26	5	<20	175	0.22	<10	207	<10	1	52
13	68269	90	2.2	2.44	<5	70	<5	4.81	1	28	30	1095	5.97	<10	1.85	1434	<1	0.05	4	2460	26	<5	<20	188	0.26	<10	238	<10	2	62
14	68270	110	2.2	1.55	<5	60	<5	2.11	<1	23	31	1252	5.63	<10	1.14	712	9	0.05	1	1830	22	<5	<20	120	0.17	<10	147	<10	<1	39
15	68271	75	4.2	2.05	<5	70	<5	3.21	1	23	34	2516	6.13	<10	1.54	1012	<1	0.05	3	2210	24	<5	<20	145	0.24	<10	188	<10	<1	51
16	68272	20	2.6	2.70	<5	100	<5	4.29	1	30	25	1524	6.42	<10	2.00	1413	<1	0.06	6	2600	30	5	<20	185	0.31	<10	242	<10	2	72
17	68273	5	<0.2	2.96	<5	135	<5	4.63	<1	30	32	229	6.14	<10	2.21	1501	<1	0.05	5	2750	30	<5	<20	202	0.35	<10	256	<10	<1	68
18	68274	5	0.2	2.74	<5	100	<5	3.79	<1	26	29	287	5.59	<10	2.04	1360	<1	0.05	3	2690	28	10	<20	166	0.33	<10	236	<10	<1	62
19	68275	165	2.6	2.53	<5	110	<5	4.46	<1	25	31	2358	6.37	<10	1.93	1199	<1	0.05	4	2360	20	<5	<20	220	0.31	<10	228	<10	<1	50
20	68276	30	1.0	2.67	<5	120	<5	3.98	1	26	27	683	6.14	<10	2.07	1135	<1	0.06	6	2390	22	10	<20	193	0.30	<10	215	<10	2	45
21	68277	5	<0.2	2.67	<5	105	<5	4.79	<1	27	28	424	4.93	<10	1.98	1575	<1	0.04	4	2370	24	10	<20	208	0.29	<10	206	<10	2	60

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	
QC DATA:																															
Resplit:																															
R/S 1	68257	70	1.8	1.32	<5	85	<5	5.84	<1	23	30	410	4.80	<10	1.81	1384	5	0.04	5	2330	14	15	<20	489	0.11	<10	121	<10	7	47	
Repeat:																															
1	68257	65	1.4	1.26	<5	85	<5	5.71	<1	21	28	685	4.61	<10	1.78	1352	3	0.03	3	2320	16	10	<20	500	0.10	<10	116	<10	7	47	
10	68266	115	2.8	1.09	<5	130	<5	4.45	1	18	35	1284	4.23	<10	1.42	1192	3	0.04	10	2490	14	10	<20	290	0.11	<10	94	<10	2	56	
19	68275	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Standard:																															
GEO'96		150	1.4	2.08	60	170	<5	2.00	2	20	68	85	4.42	<10	1.12	784	4	0.02	23	830	24	5	<20	72	0.11	40	89	<10	3	70	

d1/5274a
XLS/96Teck#5


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

25-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-1076

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

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

ATTENTION: R.FARMER

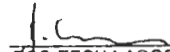
No. of samples: 16
Sample Type: CORE
PROJECT #: 1751
SHIPMENT #: NONE GIVEN
Samples submitted by: G. THOMSON

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	68278	10	<0.2	0.32	<5	20	<5	1.37	<1	4	48	99	1.07	<10	0.40	295	11	0.03	2	410	6	5	<20	58	0.03	<10	28	<10	1	12
2	68279	30	0.6	0.19	<5	30	<5	0.96	<1	3	59	192	0.92	<10	0.21	199	99	0.03	2	280	8	<5	<20	43	<0.01	<10	15	10	<1	12
3	68280	35	0.8	0.09	<5	15	<5	0.96	<1	2	67	106	0.46	<10	0.03	173	48	0.04	1	40	4	<5	<20	32	<0.01	<10	2	<10	<1	2
4	68281	25	<0.2	0.22	<5	10	<5	1.24	<1	1	57	30	0.42	<10	0.24	253	35	0.04	1	30	2	<5	<20	46	0.01	<10	14	<10	<1	7
5	68282	15	<0.2	0.16	<5	55	<5	0.70	<1	<1	58	19	0.28	<10	0.13	143	38	0.04	<1	20	<2	<5	<20	31	<0.01	<10	9	<10	<1	4
6	68283	60	<0.2	0.22	<5	20	<5	1.25	<1	2	58	104	0.47	<10	0.24	237	92	0.04	1	170	4	<5	<20	47	0.01	<10	19	<10	<1	6
7	68284	35	0.4	0.20	<5	15	<5	1.60	<1	3	56	124	1.18	<10	0.20	350	67	0.02	2	390	4	<5	<20	47	<0.01	<10	19	<10	<1	8
8	68285	35	0.4	0.28	<5	15	<5	1.93	<1	4	63	261	1.44	<10	0.27	325	55	0.03	3	410	4	<5	<20	62	0.03	<10	35	<10	<1	8
9	68286	310	0.2	0.23	<5	25	<5	1.64	<1	3	67	117	1.49	<10	0.22	327	52	0.03	2	490	4	<5	<20	67	0.02	<10	25	<10	<1	8
10	68287	15	<0.2	0.34	<5	25	<5	2.14	<1	4	56	44	1.58	<10	0.40	454	103	0.03	2	630	4	<5	<20	87	0.03	<10	36	<10	<1	11
11	68288	80	<0.2	0.30	<5	20	<5	2.64	<1	4	46	26	1.39	<10	0.35	501	33	0.04	3	490	4	<5	<20	94	0.03	<10	38	<10	1	8
12	68289	45	<0.2	0.24	<5	15	5	2.66	<1	4	48	13	1.58	<10	0.30	508	56	0.03	2	480	4	<5	<20	98	0.02	<10	24	<10	1	8
13	68290	90	0.6	0.31	<5	20	<5	1.65	<1	3	59	239	1.38	<10	0.32	288	65	0.03	2	480	2	<5	<20	37	0.02	<10	41	<10	<1	10
14	68291	35	<0.2	0.26	<5	20	<5	1.31	<1	3	63	83	1.30	<10	0.28	242	20	0.03	2	380	2	<5	<20	42	0.01	<10	29	<10	<1	6
15	68292	15	0.6	0.27	<5	20	<5	1.30	<1	5	56	294	1.46	<10	0.37	264	38	0.03	2	470	4	<5	<20	55	0.02	<10	34	<10	<1	11
16	68293	45	<0.2	0.25	<5	20	<5	1.66	<1	3	61	169	1.23	<10	0.26	292	26	0.02	2	400	2	<5	<20	60	0.02	<10	32	<10	<1	6

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	
QC DATA:																															
<i>Resplit:</i>																															
R/S 1	68278	5	<0.2	0.26	<5	15	<5	1.36	<1	3	49	105	1.09	<10	0.37	277	12	0.03	2	410	4	<5	<20	57	0.02	<10	27	<10	1	10	
<i>Repeat:</i>																															
1	68278	10	<0.2	0.27	<5	20	<5	1.44	<1	3	53	99	1.00	<10	0.38	294	16	0.03	2	390	4	<5	<20	62	0.02	<10	27	<10	1	10	
10	68287	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Standard:</i>																															
GEO'96		150	1.2	1.74	55	155	5	1.82	<1	18	62	78	3.91	<10	0.94	710	1	0.02	18	710	20	<5	<20	64	0.11	<10	78	<10	3	73	

d1/5332
 XLS/96Teck#5
 fax @ 604-352-5583 - Nelson/G.Thomson


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

26-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-1077

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

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

ATTENTION: G.THOMSON

No. of samples: 29
Sample Type: CORE
PROJECT #: 1751
SHIPMENT # NONE GIVEN
Sample submitted by: G.THOMSON

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	68301	5	0.2	0.27	<5	30	<5	1.93	<1	2	76	66	0.66	<10	0.22	330	25	0.04	4	350	4	<5	<20	56	0.01	<10	17	<10	2	6
2	68302	10	1.0	0.28	<5	35	10	1.16	1	2	90	38	0.77	<10	0.26	248	34	0.03	4	310	18	<5	<20	47	0.01	<10	21	<10	1	19
3	68303	5	<0.2	0.47	<5	45	<5	2.22	<1	6	74	70	1.16	<10	0.60	429	23	0.03	13	540	4	<5	<20	89	<0.01	<10	31	<10	2	8
4	68304	5	0.2	0.37	<5	20	5	0.86	<1	2	100	60	0.87	<10	0.37	205	50	0.04	4	360	6	<5	<20	40	0.02	<10	31	<10	1	8
5	68305	10	2.0	0.26	<5	35	45	1.59	<1	3	88	50	0.98	<10	0.23	301	138	0.03	3	330	16	<5	<20	65	0.01	<10	20	<10	2	4
6	68306	5	0.4	0.38	<5	30	10	1.86	<1	4	105	87	1.35	<10	0.38	344	114	0.04	4	470	8	<5	<20	80	0.02	<10	34	<10	2	8
7	68307	90	6.0	0.33	<5	25	<5	1.70	<1	3	106	350	1.76	<10	0.32	344	95	0.04	4	380	30	<5	<20	63	0.02	<10	30	<10	<1	8
8	68308	5	<0.2	0.28	<5	35	10	0.83	<1	2	108	13	0.68	<10	0.24	185	72	0.04	6	280	6	<5	<20	43	0.01	<10	21	<10	2	4
9	68309	255	10.6	0.23	<5	20	10	1.41	1	2	94	606	1.67	<10	0.18	280	149	0.04	4	200	42	<5	<20	43	<0.01	<10	13	<10	<1	5
10	68310	10	1.4	0.27	<5	30	15	1.47	<1	3	91	62	1.43	<10	0.25	283	61	0.04	4	390	10	<5	<20	46	0.01	<10	23	<10	1	7
11	68311	5	0.6	0.46	<5	45	<5	1.41	<1	5	70	188	1.78	<10	0.47	282	65	0.05	4	450	6	<5	<20	63	0.04	<10	54	<10	2	10
12	68312	65	7.2	0.46	<5	35	170	1.79	1	6	94	108	2.11	<10	0.44	348	160	0.05	4	540	24	<5	<20	61	0.03	<10	44	<10	1	10
13	68313	80	2.0	0.36	<5	40	20	1.26	<1	5	94	191	2.28	<10	0.33	258	62	0.04	4	490	14	<5	<20	45	0.02	<10	33	<10	<1	9
14	68314	5	3.2	0.33	<5	25	70	0.79	<1	4	106	227	2.06	<10	0.29	177	145	0.04	5	340	28	<5	<20	25	0.02	<10	31	<10	<1	8
15	68315	5	1.8	0.35	<5	30	<5	1.23	<1	4	83	177	1.58	<10	0.34	250	198	0.05	4	370	8	<5	<20	77	0.02	<10	32	<10	<1	9
16	68316	5	3.0	0.24	<5	45	15	1.13	<1	4	99	51	2.07	<10	0.32	283	181	0.04	4	290	20	<5	<20	56	<0.01	<10	18	<10	<1	13
17	68317	10	0.2	0.31	<5	40	<5	1.29	<1	3	89	152	1.23	<10	0.39	289	131	0.04	4	410	16	<5	<20	58	0.02	<10	28	<10	2	7
18	68318	35	1.4	0.36	<5	45	<5	1.05	<1	4	123	427	1.69	<10	0.34	239	106	0.05	5	350	8	<5	<20	54	0.03	<10	33	<10	1	9
19	68319	75	1.0	1.68	<5	70	<5	3.94	<1	20	33	790	5.47	<10	1.61	751	15	0.04	2	1810	10	<5	<20	160	0.22	<10	213	<10	3	34
20	68320	160	2.0	0.50	<5	40	<5	1.85	<1	9	70	276	2.97	<10	0.67	410	188	0.04	4	870	18	<5	<20	83	0.03	<10	53	<10	2	22

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
21	68321	45	1.2	1.80	<5	85	<5	4.12	<1	21	29	770	4.81	<10	1.70	966	37	0.04	5	1760	8	<5	<20	182	0.24	<10	199	<10	4	38
22	68322	30	<0.2	1.95	<5	85	<5	3.43	<1	22	40	204	5.00	<10	1.72	843	5	0.04	4	1830	12	<5	<20	126	0.21	<10	202	<10	<1	34
23	68323	120	2.4	1.31	<5	80	<5	3.66	<1	19	48	1097	4.91	<10	1.49	868	22	0.03	10	2000	8	<5	<20	160	0.20	<10	163	<10	3	39
24	68324	55	0.4	1.61	<5	120	<5	4.09	<1	20	41	220	4.48	<10	1.69	865	<1	0.03	13	2150	8	<5	<20	187	0.23	<10	168	<10	4	44
25	68325	5	<0.2	1.55	<5	55	<5	3.92	<1	19	42	174	4.56	<10	1.45	844	7	0.05	5	1830	8	<5	<20	165	0.20	<10	187	<10	4	32
26	68326	10	0.8	1.54	<5	60	<5	3.97	<1	18	31	363	4.49	<10	1.49	855	<1	0.04	3	1680	8	<5	<20	164	0.24	<10	198	<10	3	31
27	68327	5	<0.2	1.91	<5	55	<5	3.87	<1	23	32	288	5.54	<10	1.90	1033	<1	0.04	5	2330	6	<5	<20	147	0.26	<10	241	<10	5	39
28	68328	40	<0.2	1.41	<5	65	<5	3.88	<1	17	26	295	4.10	<10	1.36	924	60	0.03	5	1730	6	<5	<20	193	0.19	<10	154	<10	3	31
29	68329	35	<0.2	2.17	<5	90	<5	4.62	<1	28	26	234	6.09	<10	2.04	1394	<1	0.03	5	2350	10	<5	<20	402	0.30	<10	250	<10	4	48

QC DATA:

Resplit:

R/S 1	68301	5	0.4	0.30	<5	25	<5	2.00	<1	2	80	59	0.76	<10	0.25	351	21	0.04	4	380	4	5	<20	54	0.02	<10	20	<10	1	6
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Repeat:

1	68301	5	0.6	0.29	<5	30	5	2.02	<1	2	83	71	0.70	<10	0.23	348	27	0.04	3	360	6	<5	<20	58	0.01	<10	18	<10	2	6
10	68310	5	1.6	0.26	<5	30	20	1.39	<1	3	90	63	1.36	<10	0.25	275	60	0.04	3	360	10	<5	<20	44	0.01	<10	23	<10	1	6
19	68319	-	1.0	1.59	<5	75	<5	3.69	<1	19	31	734	5.18	<10	1.50	708	13	0.04	3	1690	10	<5	<20	154	0.21	<10	203	<10	3	32

Standard:

GEO96		150	1.2	1.83	65	160	5	1.82	<1	19	63	69	4.15	<10	1.01	721	<1	0.02	24	750	24	<5	<20	60	0.13	<10	83	<10	5	72
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df/1077
XLS/96Teck#5


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

26-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-1086

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

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

ATTENTION: R. FARMER

No. of samples: 22
Sample Type: CORE
PROJECT #: 1751
SHIPMENT #: NOT GIVEN
Sample submitted by: G. THOMSON

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	68330	10	<0.2	1.64	<5	75	<5	3.79	<1	18	33	226	4.30	<10	1.54	972	<1	0.03	4	1610	8	<5	<20	284	0.23	<10	186	<10	2	42
2	68331	75	0.2	1.53	<5	75	<5	2.73	<1	20	28	91	4.31	<10	1.26	839	<1	0.03	2	1640	8	<5	<20	123	0.19	<10	153	<10	2	36
3	68332	10	1.0	1.42	<5	50	<5	2.53	<1	16	52	225	3.91	<10	1.25	771	<1	0.03	2	1560	10	<5	<20	105	0.18	<10	160	<10	3	32
4	68333	10	<0.2	1.56	<5	50	<5	3.18	<1	19	25	112	4.25	<10	1.28	903	<1	0.04	3	1530	8	<5	<20	110	0.23	<10	166	<10	3	35
5	68334	10	<0.2	1.59	<5	60	<5	3.19	<1	20	30	135	4.38	<10	1.31	920	<1	0.04	4	1560	8	<5	<20	113	0.24	<10	174	<10	3	33
6	68335	135	0.2	0.93	<5	35	<5	1.98	<1	12	66	144	3.05	<10	0.80	486	47	0.04	4	1050	16	<5	<20	91	0.11	<10	106	<10	2	18
7	68336	10	<0.2	1.48	<5	55	<5	2.91	<1	17	45	168	3.97	<10	1.27	767	<1	0.04	3	1450	10	<5	<20	113	0.20	<10	165	<10	2	33
8	68337	5	<0.2	1.36	<5	55	<5	3.01	<1	17	36	242	3.77	<10	1.17	811	7	0.03	3	1370	8	<5	<20	126	0.20	<10	154	<10	2	28
9	68338	45	0.2	1.27	<5	45	<5	3.16	<1	16	33	259	3.80	<10	1.13	807	<1	0.03	3	1350	8	<5	<20	133	0.18	<10	140	<10	3	33
10	68339	65	<0.2	1.20	<5	45	<5	4.31	<1	17	26	87	3.93	<10	1.20	1153	14	0.03	4	1500	8	<5	<20	245	0.13	<10	81	<10	3	43
11	68340	35	0.6	1.41	<5	60	<5	4.01	<1	17	20	164	3.82	<10	1.27	1030	<1	0.03	2	1490	8	<5	<20	193	0.19	<10	112	<10	2	35
12	68341	5	<0.2	1.12	<5	55	<5	2.45	<1	14	44	84	3.32	<10	0.93	668	27	0.04	4	1120	8	<5	<20	107	0.15	<10	116	<10	2	26
13	68342	10	<0.2	1.77	<5	65	<5	3.23	<1	19	27	136	4.05	<10	1.42	1019	<1	0.03	3	1580	10	<5	<20	119	0.22	<10	172	<10	2	40
14	68343	10	<0.2	1.98	<5	105	<5	3.28	<1	22	49	136	4.51	<10	1.74	1050	5	0.04	10	2330	10	<5	<20	150	0.25	<10	189	<10	<1	47
15	68344	270	4.6	1.61	<5	75	<5	3.87	<1	23	24	2380	4.73	<10	1.45	1028	3	0.03	5	1550	8	<5	<20	149	0.20	<10	174	<10	<1	42
16	68345	10	<0.2	1.78	<5	75	<5	3.14	<1	19	28	183	4.23	<10	1.53	944	35	0.04	4	1720	10	<5	<20	123	0.21	<10	186	<10	<1	39
17	68346	175	1.6	1.73	<5	45	<5	3.50	<1	20	40	490	4.58	<10	1.51	980	23	0.04	4	1770	10	<5	<20	124	0.17	<10	191	<10	<1	41
18	68347	80	1.2	1.45	<5	55	<5	3.64	<1	19	25	327	4.18	<10	1.34	979	2	0.03	2	1650	12	<5	<20	140	0.17	<10	153	<10	1	39
19	68348	135	1.6	0.78	<5	40	<5	3.72	<1	17	46	301	3.91	<10	1.21	1034	34	0.03	4	1580	10	<5	<20	176	0.08	<10	88	<10	2	24
20	68349	15	<0.2	1.49	<5	60	<5	3.30	<1	19	30	153	3.92	<10	1.30	911	10	0.04	4	1510	10	<5	<20	142	0.18	<10	153	<10	2	42
21	68350	10	<0.2	1.71	<5	35	<5	2.66	<1	18	28	186	4.10	<10	1.42	891	7	0.03	5	1660	10	<5	<20	97	0.17	<10	173	<10	<1	44
22	68351	30	<0.2	1.79	<5	45	<5	3.11	<1	19	25	233	4.19	<10	1.47	1014	5	0.03	3	1640	12	<5	<20	107	0.19	<10	179	<10	<1	45


TECK EXPLORATION LTD.

ICP CERTIFICATE OF ANALYSIS AK 96-1086

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	
QC DATA:																															
<i>Resplit:</i>																															
1	68330	10	<0.2	1.80	<5	70	<5	4.08	<1	20	34	223	4.60	<10	1.66	1043	<1	0.04	6	1640	8	<5	<20	295	0.22	<10	198	<10	3	45	
<i>Repeat:</i>																															
1	68330	10	<0.2	1.72	<5	70	<5	4.13	<1	21	32	248	4.68	<10	1.68	1056	<1	0.04	6	1660	10	<5	<20	299	0.22	<10	203	<10	4	46	
10	68339	-	<0.2	1.30	<5	50	10	4.72	<1	19	29	90	4.16	<10	1.34	1272	14	0.04	4	1580	6	<5	<20	256	0.15	<10	91	<10	4	47	
<i>Standard:</i>																															
GEO'96		150	1.4	1.76	70	165	<5	1.85	<1	18	60	82	3.82	<10	0.95	686	<1	0.01	20	700	18	<5	<20	56	0.10	<10	80	<10	6	70	

df/1077
XLS/96Teck#5


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

1-Oct-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 96-1116

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

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

ATTENTION: R. FARMER

No. of samples: 15
Sample Type: CORE
PROJECT #: 1751
SHIPMENT #: NOT GIVEN
Sample submitted by: G. THOMSON

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	68294	5	3.2	0.32	<5	30	<5	3.06	1	7	78	247	2.50	<10	0.27	442	22	0.02	5	410	8	<5	<20	67	<0.01	<10	24	<10	2	11	
2	68295	65	2.0	0.39	<5	35	<5	3.38	1	5	62	923	2.37	<10	0.41	568	61	0.02	2	1050	2	<5	<20	90	<0.01	<10	28	<10	3	15	
3	68296	10	2.2	0.38	<5	30	10	3.30	2	8	80	318	2.67	<10	0.35	556	203	0.02	4	1650	8	<5	<20	92	0.02	<10	41	10	3	11	
4	68297	15	1.6	0.49	<5	20	5	2.99	1	6	44	82	2.96	<10	0.50	573	8	0.03	4	880	2	<5	<20	65	0.02	<10	62	10	<1	18	
5	68298	5	0.2	0.82	<5	35	<5	3.97	<1	10	28	202	3.53	<10	0.79	620	<1	0.02	4	1290	<2	<5	<20	95	0.10	<10	117	10	2	24	
6	68299	5	0.8	0.24	<5	40	<5	1.82	1	2	205	13	1.32	<10	0.09	327	213	0.05	3	260	4	<5	<20	64	<0.01	<10	7	<10	<1	3	
7	68300	5	1.8	0.90	<5	40	<5	3.16	<1	12	46	374	3.98	<10	0.84	586	4	0.03	4	1210	6	<5	<20	82	0.11	<10	118	20	<1	26	
8	68352	5	0.4	0.67	<5	35	<5	2.94	<1	8	67	276	3.12	<10	0.61	528	6	0.04	3	940	<2	<5	<20	82	0.09	<10	98	10	<1	17	
QC DATA:																															
Resplit:																															
1	68294	5	2.8	0.32	<5	25	<5	3.17	1	7	82	279	2.56	<10	0.26	462	31	0.02	5	450	8	<5	<20	62	<0.01	<10	25	<10	2	10	
Repeat:																															
1	68294	5	2.6	0.34	<5	30	<5	3.15	1	7	80	269	2.60	10	0.29	455	21	0.02	4	440	4	<5	<20	72	<0.01	<10	25	<10	1	11	
Standard:																															
GEO'96		150	1.8	1.85	50	170	<5	2.05	1	21	70	91	4.14	<10	1.04	848	<1	0.01	26	760	18	<5	<20	60	0.13	<10	88	<10	1	78	

dl/5318
XLS/96Teck#5
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B.C. Certified Assayer

APPENDIX 4

DRILL LOGS



TECK EXPLORATION LTD.

HOLE No. TK-96-01

DIAMOND DRILL LOG		NTS 82F/6W	DATE: COLLARED	AUG. 6/96	DEPTH	DIP	AZ.	LENGTH:	156.4 m
OPTIONOR	ANGLO SWISS	CLAIM Shenango	: COMPLETED	AUG. 10/96		-45°	80°	DEPTH OF OVB:	15.85
Project No:	1751	ELEVATION 927.4 m	: LOGGED					CASING REMAINING:	
Property:	Kenville	NORTHING 25+93 N	LOGGED BY:	G. Thomson				WATERLINE LENGTH:	
		EASTING 24+85 W	CORE SIZE:	NQ				PROBLEMS:	

DEPTH (metres) FROM/TO	DESCRIPTION	REC. %	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS					
			CONTACT	VEINS			No.	FROM	TO	LENGTH	Au ppb	Ag ppm	Cu ppm	Mo ppm	W ppm	
0-15.85	Overburden															
15.85-20.05	Diorite: mod-strongly fol@70°, mod. magnetic and calc. alt in stronger fol. zones, local pitting from carb. dissolution, strong biotized mafics, 2 cm calc. vnlts@18.6m, malach. on oxidized fract sfc @ 19.0 m.				epidote (wk)											
20.05-23.35	Diorite: strongly foliated, biotiferous, perv. mod-strong magnetic, w. assoc carb. bands and streaks, scattered v.f.g. diss. py,cpy, sporad. bright green chlor vnlts ~ 1mm		40°fol.		carb,mag (mod-intense)	py,cpy (trc)	67201	20.0	23.35	3.35	70		654			
23.35-27.8	Potassic zone: pervasive white to cream, cryptocrystalline, ~80% of section is masked by alt/flooding, biotite in groundmass, sporad vnlts hem,chlor, sporad. diss/fract fills cpy, trc-1% py, scatt. mag. blebs 0.5-5.0 mm, trc. dissem and fract. fills bornite				potassic	cpy,py (trc-1%) trc. born.	67202 67203	23.35 25.3	25.3 27.0	1.95 1.7	30 10		309 1068	3 8		
27.8-42.6	Diorite: equigranular w. wht feldspathic groundmass, ~30% pxn, minor local mag. bands -minor carb. vnlts, 2-8 mm @ 30.25-30.55-> wht feldspath. alt patch @38.4-38.5->carb. fol band w. trc. diss. py,mag,cpy				chlor-epid(wk)		67204	27.0	28.2	1.2	130		1148	2		
42.6-43.77	Potassic zone: perv alt/fldng, trc diss/fract fills py, cpy, mag @ 43.2 - 1x3 cm py bleb, wtrc cpy						67205	42.55	43.75	1.2	5		369	1		
43.77-46.6	Diorite: wk-mod. fol. , mod. mag., trc. dissem py						67206	43.75	46.64	2.89	25		415	5		

DEPTH (metres) FROM/TO	DESCRIPTION	REC. %	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS					
			CONTACT	VEINS			No.	FROM	TO	LENGTH	Au	Ag	Cu	Mo	W	
	in groundmass															
46.6-46.91	Mafic dyke: dark, f.g., magnetic, shp. contacts @ 60°															
46.91-54.65	Diorite: mod. fol., mod-strg mag., mafics chlor/bio alt., sporad. epid. vnlts, 2-5 mm, minor calc. vnlts w, trc cpy, sporad. conc's euhed. py and lesser cpy to ~51.95 m, local bands (1-5cm) of silic'n w. increase in sulphides @ 47.5 - 10% cpy in carb. fract's across 12 cm		fol @ 60°		Epid, carb (wk)	py,cpy (trc)	67207 67208 67209	46.96 49.3 52.00	49.3 52.0 54.65	2.34 2.7 2.65	120 65 5		354 668 151	5		
54.65-55.8	Mafic dyke: dark, aphanitic, mod. magn., scatt. calcite spots, 0.5-															
55.8-66.85	Diorite: mod. fol., magnetic, perv. wk. epid alt w. local. vnlts/patches, rare qtz/pinkish calc. vnlts, hairline to 5cm @ 59.8 - 1 to 3 cm carb vnlts w. semimsv cpy and born. blebs, 1(1cm) bleb magnetite @ 64.1-64.3, f.g. blebs born. cpy				Epid (wk)	py,cpy(trc) -locally to 1%	67210 67211 67212 67213	55.8 58.80 61.80 64.80	58.8 61.8 64.8 66.85	3.0 3.0 3.0 2.05	5 25 110 90		196 2012 649 467		2 6	
66.85-68.95	Potassic zone: pervasive grey to pinkish alt., mottled, microfract'd, pitted, perv. diss. py, cpy as dissem/fract. fills				potassic	py,cpy (0.5-1%)	67214	66.85	68.95	2.15	215		2353	4		
68.95-119.3	Diorite: equigran., wk-mod. fol, minor local potassic patches, wk-mod. magnetic to intense in strong fol. bands, mafics variably alt to biot., perv. dissem. cpy,py(trc) as diss/fract. fills, (cpyless conspicuous after 88.0 m.), local qtz/carb bands, 5-10cm, sporad. wk. epid. patches/vnlts @ 95.95-96.4 qtz vn, wht-pinkish,barren @ 100.5-101.6 wkly silic., 80°fol.,trc cpy @ 103.15-107.5 wkly silic. w. trc diss cpy @ 112.3-112.75 carb. alt, fract'd, trc-0.5% cpy @ 114.15-114.55 silic'd w. 0.5% euhed. Py in groundmass.			u.c.30° l.c.80°				68.95 71.2 74.07 76.7 79.7 82.2 85.2 87.5 89.3 92.4 100.5 103.15 104.7 107.6 111.5 114.1	71.2 74.07 76.7 79.7 82.2 85.2 87.5 89.3 92.4 101.6 104.7 107.6 112.6 115.25	2.25 2.87 2.63 3.0 2.5 3.0 2.3 1.8 3.1 2.3 1.1 1.55 2.9 1.1 1.15	80 45 20 75 40 45 45 155 255 10 15 5 15 200 15		1062 454 556 1003 822 459 856 1750 853 320 486 785 404 1403 199	2 8 5 3 2 110	30	



TECK EXPLORATION LTD.

HOLE No. TK-96-02

DIAMOND DRILL LOG		NTS <u>82F 6W</u>	DATE: COLLARED <u>Aug. 10/96</u>	DEPTH	DIP	AZ.	LENGTH: <u>217.33 m</u>
OPTIONOR <u>ANGLO SWISS</u>	CLAIM <u>Shenango</u>		: COMPLETED <u>Aug. 13/96</u>		<u>-45°</u>	<u>90°</u>	DEPTH OF OVB: <u>16.5 m</u>
Project No: <u>1751</u>	ELEVATION <u>922.4 m</u>		: LOGGED				CASING REMAINING: _____
Property: <u>Kenville</u>	NORTHING <u>26+00N</u>		LOGGED BY: <u>G. T.</u>				WATERLINE LENGTH: _____
	EASTING <u>24+25 W</u>		CORE SIZE: <u>NQ</u>				PROBLEMS: <u>makes water, capped w. valve</u>

DEPTH (metres) FROM/TO	DESCRIPTION	REC. %	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS					
			CONTACT	VEINS			No.	FROM	TO	LENGTH	Au ppb	Ag ppm	Cu ppm	Mo ppm	W ppm	
0-16.5	Overburden															
16.5-17.7	Feldspathic, altered diorite grey to pinkish rubble, dioritic texture masked				potassic											
17.7-23.1	Potassic alteration zone: diorite texture perv. masked by alt., grey to pinkish, crypto-crystalline, conspic. dissem. mag. (1-5%), local vugginess, pitting, 1-5% f.g to coarse py as fract. fills/dissems, trc. cpy @ 18.75-20.15- mottled, variably silic'd diorite w. ~10% diss. mag. perv. patchy f.g. diss py(0.5%) trc. cpy, perv. carb alt				potassic -(perv.)		67234	17.7	19.2	1.5	450		349	9		
							67235	19.2	20.15	0.95	190		383	1		
							67236	20.15	22.3	2.15	<30		183	6		
							67237	22.3	23.1	0.8	<30		282	6		
23.1-100.2	Diorite: med grain, equigran., mafics~50% biotized, mod. fol. to locally strong, perv. wk to mod epid. alt/vnlts, perc carb patches and veinlets often with v.f.g. diss cpy, perv. strong magnetite as dissem, vnlts, most intense in fol. bands, perv. trc. cpy assoc. w. mag-carb alt. trc. py as dissem's/fract. fills, minor local silicic/potassic bands (10-20cm)trc. sulphides. fol- 70° to c.a. ~ 37.7-47.7: less foliated diorites w. wk.-mod epid alt and 5-10% euhedral magnetite, 5mm				chlor-epid (wk-mod) mag (strong) carb. (wk-mod)	cpy, py(trc-0.5%) Bornite (sporadic traces)	67238	23.1	25.3	2.2	115		342			
							67239	25.3	28.4	3.1	165		827			
							67240	28.4	31.4	3.0	50		1202		10	
							67241	31.4	34.4	3.0	675		1972			
							67242	34.4	37.5	3.1	100		1392			
							67243	37.5	40.5	3.0	50		824		20	
							67244	40.5	43.6	3.1	200		1085			
							67245	43.6	46.6	3.0	75		631			
							67246	46.6	49.7	3.1	130		746			
							67247	49.7	52.7	3.0	10		383			
							67248	52.7	55.8	3.1	15		460			
							67249	55.8	58.8	3.0	495		3452		10	
							67250	58.8	61.9	3.1	135		1608			

DEPTH (metres) FROM/TO	DESCRIPTION	REC. %	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS					
			CONTACT	VEINS			No.	FROM	TO	LENGTH	Au	Ag	Cu	Mo	W	
							67251	61.9	64.9	3.0	40		589			
							67252	64.9	68.0	3.1	10		621			
							67253	68.0	71.0	3.0	5		413			
							67254	71.0	74.4	3.4	5		414			
							67255	74.4	77.1	2.7	50		1151			
							67256	77.1	80.2	3.1	40		743			
							67257	80.2	83.2	3.0	10		1315			
							67258	83.2	86.3	3.1	45		2346	2		
							67259	86.3	89.3	3.0	20		821	15	10	
							67260	89.3	92.4	3.1	10		922			
							67261	92.4	95.4	3.0	10		1515			
							67262	95.4	96.3	0.9	30		2072	44	20	
							67263	96.3	98.45	2.15	5		44			
							67264	98.45	100.15	1.7	5		193			
100.2-100.6	Fault zone: broken, altered diorite, pale green, strongly magnetic (2-10% mag.), ~ 1% diss cpy, specularite on fracture sfces.				chlor(mod)	cpy (1%)	67265	100.15	100.6	0.45	5		0.66%			
							67266	100.6	103.6	3.0	5		420			
							67267	103.6	106.4	2.8	5		938			
100.6-109.4	Diorite: similar to above, wk-mod. magnetic, local patches/bands magnetite, wk-non fol ~ 70°				chlor-epid (wk) carb(mod)		67268	106.4	109.4	3.0	5		225			
109.4-110.15	Mafic dyke: dark, f.g. strongly magnetic, u. cont @ 80°				epid. (wk)											
110.15-135.6	Diorite: wk to non fol'd, minor sporad. carb/epid vnlt/bands, wkly magnetic, perv. mod. carb. 110.85-110.95: mafic dyke 113.1: 2 cm semimsv py-cpy-mag band @ 70° 115.5: 5 cm carb vn w. 25% mag vnlt @ 70°, 25% pink K-spar patches 135.15: 3 cm qtz vn w. trc cpy						67269	110.15	113.7	3.55	10		251			
							67270	113.7	116.74	3.04	5		157	1		

DEPTH (metres) FROM/TO	DESCRIPTION	REC. %	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS				
			CONTACT	VEINS			No.	FROM	TO	LENGTH	Au	Ag	Cu	Mo	W
135.6-137.5	Diorite: broken, wkly silic'd, several sporad. qtz-carb vnlt, minor mag. microvns and vn selvages, trc. cpy assoc. w. carb. vnlt						67271	135.6	137.5	1.9	5	205	11		
137.5-147.3	Diorite: med. grain, wk to non fol'd eqigran, weakly magnetic 139.1: bornite, mag in hairline fract.@ 20° 143.02-143.26: semimsv mag. in fol. calcite band w. 5-10% cpy@ 60° to c.a. 143.68: 15 cm qtz-carb alt. band w. trc. to 1% f.g cpy				epid. (wk)		62502	143.0	143.82	0.82	45		3165	24	
147.3-161.7	Diorite: non foliated, equigran. , sporad. zones of weak grey silic'n w. orange limonite on fracture sfc, silic'n also contains frequent microfrac's w. carb.mag, spec fills 147.3-147.8: 0.5 cm qtz vnlt w. trc euhed. py						67272 67273 67274 67275 62501	147.3 149.7 152.4 156.6 159.6	149.7 152.4 154.2 159.6 161.7	2.4 2.7 1.8 3.0 2.1	90 40 5 5 5		227 542 96 196 12		2 2
161.7-169.85	Diorite: grey silicified-carb alt, total masking of dio. texture , microfrac'd, conspic's veinlets of calcite, specul, ± mag. (hairline-3cm), -40-50° to c.a., trc. cpy>py(v.fg) assoc. w. carb. vnlt, increased f.g. cpy, py @ 169.3-169.85					cpy,py (trc)	62503 62504 62505 62506 62507	161.7 163.6 165.5 167.4 169.3	163.6 165.5 167.4 169.3 169.85	1.9 1.9 1.9 1.9 0.55	<30 <30 <30 <30 50		135 491 213 390 7058	4 5 2 6 80	
169.85-171.1	Quartz vein: milky white, broken, several clots coarse py, trc diss cpy, dark chlorite clots along lower margin	~ 60%				py clots	62508	169.85	171.1	1.25	3.18 g/t		562	15	
171.1-174.15	Diorite: mod silic'd w. mod. local mag. ,perv. mod carb alt. sporad minor f.g cpy as fract fills, heavier cpy conc's@ 172.0-172.25, mainly assoc w. 5 cm carb band @ 172.0 m				carb-silic (mod)	cpy,py (trc)	62509 62510 62511 62512	171.1 172.0 172.65 173.4	172.0 172.65 173.4 174.65	0.9 0.65 0.75 1.25	<30 40 <30 10		646 >1000 852 315	5	
174.15-184.45	Diorite: eqigran.perv. wht-pink carb vnlt, 2-3 mm , -40-60°to c.a., wk-mod mag., strongest in narrow sporad fol. bands, trc cpy along fract's/carb vnlt 184.3-184.45: silic'd w. fract. fills and dissem's f.g py,cpy				chlor-epid-carb (wk-mod)		62513 62514 62515 62516 62517	174.65 177.7 180.75 180.75 183.8 184.45 184.45	177.7 180.75 183.8 184.45 184.95	3.05 3.05 3.05 0.65 0.5	10 5 5 <30 30		236 222 451 2145 955	2 3	

DEPTH (metres) FROM/TO	DESCRIPTION	REC. %	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS						
			CONTACT	VEINS			No.	FROM	TO	LENGTH	Au	Ag	Cu	Mo	W		
184.45-184.95	Quartz vein: milky wht, ~10% coarse blebs py (1-8mm), trc f.g cpy, 1-5% scattered chlor. inclusions			20°													
184.95-186.2	Diorite: equigran., locally fol., sporad. minor fract fills cpy, rare py in carb fract. fills						62518	184.95	186.0	1.05	<30		728	1			
186.2-189.0	Diorite: mod to strong grey carb-silic alt, mod to strong magnetite, perv. carb, chlor microvnlts, strongly foliated to 188.3 m@~70°, conspic chlor vnlts, 2-8mm w. trc assoc. fg. cpy, vnlts at close to c.axis, cpy,py minor,perv as dissem's/fract fills 188.8: 12 mm qtz vn w. trc py @ 20°across 10 cm					cpy, py (trc)	62519 62520	186.0 188.25	188.25 189.9	2.25 1.65	<30 <30		1389 872	63 10			
189.0-192.3	Diorite: equigran. v. wk carb-silic alt w. trc dissem. cpy,py, born, wk carb microvnlts, wk-mod magnetic					cpy,py,born (trc)	62521	189.9	192.3	2.4	<30		281				
192.3-198.9	Diorite: equigran, minor qtz-carb vnlts, 3-10 mm, wk local carb/silic alt w. minor f.g assoc cpy,py 192.3-194.1: mod carb-silic alt w. minor py,cpy as fract fills or qtz-carb vn selvages					py,cpy(trc)	62522 62523 62524 62525	192.3 194.2 196.0 198.34	194.2 196.0 198.34 198.9	1.9 1.8 2.34 0.56	50 5 5 110		1021 115 248 1540		22	430	
198.9-202.0	Mafic dyke: dark grey green, f.g-m.g, aphanitic chill margins ~20 cm, mod magnetic, wk carb alt, groundmass mainly f.g to m.g biot, chlor, K-spar, sharp contacts at 50°																
202.0-217.33	Diorite: eqigran., non-foliated, perv. carb vnlts, 0.5 cm, perv epidote patches and vnlts, 0.5 cm, mod. magnetic, minor sporad. fol. bands, 1-5 cm (magnetic) 212.6-213.2: vns of vuggy, pink calcite @ 10-30° to c.a., fol. band @ 40°from 202.7-202.9m						62526	208.2	208.95	0.75	80		368				



TECK EXPLORATION LTD.

HOLE No. TK-96-03

DIAMOND DRILL LOG		NTS	82F/6W	DATE: COLLARED	Aug 14/96	DEPTH	DIP	AZ.	LENGTH	175.9 m
OPTIONOR		CLAIM	Shenango	: COMPLETED	Aug 19/96		-45°	90°	DEPTH OF OVB:	15.85 m
Project No:		ELEVATION	947.4 m	: LOGGED					CASING REMAINING:	
Property:		NORTHING	25+25 N	LOGGED BY:	G.T.				WATERLINE LENGTH:	
ANGLO SWISS		EASTING	24+50 W	CORE SIZE:	NQ				PROBLEMS:	
Kenville										

DEPTH (metres) FROM/TO	DESCRIPTION	REC. %	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS					
			CONTACT	VEINS			No.	FROM	TO	LENGTH	Au ppb	Ag ppm	Cu ppm	Mo ppm	W ppm	
0-15.85	Overburden															
15.85-17.4	Quartz boulder?, massive, milky white, unmineralized															
17.4-19.8	Missing core (continuation of overburden)															
19.8-25.3	Diorite: altered, wk-mod foliation, mottled, groundmass perv. chloritized, perv. wk diss. mag., perv. trc-1% diss py, trc cpy, 1-3 mm chlor vnlt, subparall to c.a.				chlor-K-spar-carb	py(trc-1%) cpy (trc)	63851 63852	19.8 22.25	22.25 25.3	2.45 3.0	65 5		215 167	3 4		
25.3-31.1	Diorite: continuation from above, non-wkly foliated, mafics perv. biotized, trc-1% diss py, trc cpy assoc w. magnetite					py, (trc-1%)	63853 63854	25.3 28.35	28.35 31.4	3.05 3.05	5 5		82 120	4 1		
31.1-42.5	Diorite: foliated @ 70°, mottled, perv. silicified, mafics perv. biotized, mod magnetic, perv. diss py 38.6-38.85: pale pink potassic alt. band w. chlor streaks, trc diss euhedral py, v.f.g. magnetite blebs				Silic, chlor.potassic	py,cpy (trc)	63855 63856 63857 63858	31.4 34.44 37.5 40.54	34.44 37.5 40.54 42.7	3.04 3.06 3.04 2.16	5 130 120 45		96 223 97 134			
42.5-49.7	Diorite: foliated, mottled, perv. grey-pinkish alt(silic-potass-carb), minor local qtz-carb-potassic veinlets, patches/bands, 1-5 cm, perv. diss py, trc cpy as fract fills /vn selvages, perv. v.f.g. mag. @ 48.85-49.7: increased mag.-chlor in irreg. microfract pattern @ 43.67-43.92: strong potassic alt w. disrpted chlor vnlt, 1-3 mm microfrac'd w. ~5% diss py				silic-potassic		63859 63860 63861	42.7 44.8 46.64	44.8 46.64 49.7	2.1 1.84 3.06	155 140 145		61 631 105	8 10 2		

DEPTH (metres) FROM/TO	DESCRIPTION	REC. %	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS					
			CONTACT	VEINS			No.	FROM	TO	LENGTH	Au	Ag	Cu	Mo	W	
49.7-61.2	Diorite: melano-mesocratic, wk-mod fol. equigran med grain, mod-strongly magnetic, perv. trc-0.5% diss py, wk carb alt mainly as sporad. vnlts, hairline to 0.5 cm. perv. strong patches of potassic, chlor alt w. trc. diss f.g. py, cpy @ 51.7-53.6: strong py, cpy across 10 cm @ 53.6 m, strongly fol. 70° at 60.0-61.2 m.				chlor (wk-mod) epid(wk)	py, trc-0.5% cpy, trc	63862 63863 63865	51.7 55.8 60.0	53.6 57.8 61.2	1.9 2.0 1.2	5 5 10		300 106 432			
61.2-63.15	Alteration zone: perv. pink to cream feldspathic, cryptoxline, perv. patches and microfracts of chlor., v.f.g. diss mag., trc-0.5% cpy, py mainly as fract. fills and lesser diss's.		sharp u. contact @ 80°		potassic		63866	61.2	63.15	1.95	10		659	62		
63.15-70.6	Diorite: leuco-mesocratic, med gm, equigran, perv. chlor. mafics, mod foliat'd @ 63.15-64.9 and 68.6-70.6 m, strong perv irreg epid. patchy alt @ 63.15-68.6, trc v.f.g. cpy @ 68.9-69.15, 10 cm K-spar patch @ 68.0 m				chlor-epid (mod-strong)	py, cpy (trc)	63867 63869 63870	63.15 64.9 68.0	64.9 68.0 70.6	1.75 3.1 2.6	55 5 5		240 110 516			
70.6-70.95	Mafic dyke: dark, f.g., weakly magnetic,		contacts @ 80°													
70.95-72.1	Diorite: melanocratic, mod. fol'd, irreg. patches potassic alt w. irreg. disse/fract fills trc-1% f.g. cpy, biotized mafics, sporadic mag. blebs to 5.0 mm				potassic(local)	cpy(trc-1%)	63871	70.6	72.1	1.5	275		1600	2		
72.1-78.64	Diorite: melanocratic, equigran., med. grain, perv. chlor-epid alt, minor carb vnlts, 2-4 mm, weakly magnetic				chlor-epid(mod-strong)		63872 63873 63874 63875	72.1 74.07 76.2 78.0	74.07 76.2 78.0 79.94	1.97 2.13 1.8 1.94	5 5 5 15		222 158 188 380			
78.64-81.7	Diorite: strongly fol, non-mag, dark, mottled, silicified, minor local potassic bands, 1-5 cm, sporad. diss f.g. py, cpy as disse/fract fills				chlor-epid(mod)	py, cpy(trc-1%), often mixed	63876	79.94	82.0	2.06	30		464	2		
81.7-85.65	Diorite: melanocratic, minor carb. vnlts, hairline-1.0 cm., wk-non fol., mod -wk mag, perv. sporad epid. patches/bands, 1-3 cm,					trc py, cpy diss/fract	63877 63878	82.0 82.9	82.9	0.9	15		671	4		
85.65-89.0	Diorite: as above but with marked increase in pyritic vug linings/fract. fills, disse trc cpy, wk-mod magnetic, @ 87.4 m-4 cm qtz vn, milky					py, 1-5% trc cpy	63879	85.95	89.0	3.05	5		170			

DEPTH (metres) FROM/TO	DESCRIPTION	REC. %	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS					
			CONTACT	VEINS			No.	FROM	TO	LENGTH	Au	Ag	Cu	Mo	W	
	white @ 80° to c.axis, sporad. qtz vnlt, 3-5 mm @80° from 87.8-89.0 m															
89.0-89.5	Mafic dyke: dark, f.g., mod magnetic, sharp contacts		U.cont 20° L.cont 40°													
89.5-90.3	Diorite: as above, strong vug fillings(2-5%) of f.g. to m.g euhedral pyrite					py,2-5%	63880	89.5	90.3	0.8	5		270	6		
90.3-90.9	Mafic dyke: as above, sharp contacts		U.cont 50° L.cont 60°													
90.9-94.8	Diorite: wk-mod fol., melanocratic, strongly pyritic, mainly in fol. vug fillings, local bands silic'n or potassic alt to 10 cm					py 2-5%, locally to 10%	63881 63882	90.9 93.0	93.0 94.8	2.1 1.8	105 10		373 318	2 21		
94.8-102.3	Diorite: melanocratic, non-locally fol. , sporad. epid clots/bands, 3-5 cm, strongly mag., cpy as diss/fract fills, trc f.g py as sporad. bands or disseminations, mod. silic'd @ 94.8-96.15, fractures parallel to c.a. @ 95.55-96.15					cpy, trc- 1.0%,py trc.	63883 63884 63885 63886	94.8 97.84 99.1 100.6	97.84 99.1 100.6 102.4	3.04 1.26 1.5 1.8	35 90 5 130		846 1705 55 797	8 4 1 5		
102.3-106.4	Diorite: wk-non folia'd, mesocratic, wk-mod silic'd, f.g cpy as dissem, clots, fract. fills @102.9-103.3, pale pink, mottled potassic alt zone w. minor blebs and fract fills py, cpy @105.5-105.9, several limonitic-carb fract's w. f.g. native copper , strong cpy, born on fract sfc @ 105.9 m						63887 63888	102.4 104.7	104.7 106.4	2.3 1.7	75 170		556 1838	3 7		
106.4-108.05	Diorite: foliated, silic'd, conspic fol. aligned bands and dissem's py, w. trc diss f.g cpy, sporad. lim. fract's, >10% py @ 106.9(10cm) 107.85-108.05, fract. fills @ 105.5-105.9 m					py, cpy (trc)	63889	106.4	108.05	1.65	60		771	7	10	
108.05-110.65	Diorite: silic'd, non-fol'd, mottled, conspic. anastomosing carb vnlt, hairline-3mm, purplish (hem7) alt to 109.5 m, patchy cream colored feldspathic alt w. enhanced py, cpy, trc. diss/fract fills py, cpy, @ 110.65, med drk green mafic dyke (5cm)				silic, chlor feldspathic(local)	cpy, py(trc)	63890	108.05	110.6	2.55	65		923	7		

DEPTH (metres) FROM/TO	DESCRIPTION	REC. %	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS					
			CONTACT	VEINS			No.	FROM	TO	LENGTH	Au	Ag	Cu	Mo	W	
110.65-114.65	Diorite: mod. silic'd, frac'd throughout w. limonitic sfcs, wk-mod mag., diss/fract fill cpy, py, trc-0.5%				silic.	cpy,py(trc)	63891 63892	110.6 113.0	113.0 114.65	2.4 1.65	30 90		864 616	6 7		
114.65-120.1	Diorite: wk-mod silic'd, local fol zones, melanocratic, section is sporadically dissected by a network of barren anastomosing qtz-chlor(carb) veinlets, 0.5-2.0 cm, frac'd throughout w. lim., mal coatings, trc. dissem v.f.g cpy, py, locally to 1.0% across 5-10 cm sections				silic.	cpy,py(trc)	63893 63894	114.65 116.74	116.74 119.8	2.09 3.06	30 30		746 810	7 7		
120.1-123.7	Diorite: mod. fol. silic'd, melanocratic, sporad. carb vnlts ~0.5cm, mod-strong magnetic, several lim. fract. sfcs @ 121.6-122.1, strong cpy bands, fract fills and carb/mag vn linings				silicified chlor-epid (wk)	cpy(trc)	63895 63896	119.8 121.6	121.6 124.7	1.8 3.1	30 30		284 1952	3 4		
123.7-126.8	Diorite: med. grain, dark, trc. diss cpy assoc w. carb-mag in local fol. bands, trc born across 5 cm @ 125.0 m						63897	124.7	126.85	2.15	60		1367			
126.8-130.25	Microdiorite: dark, green grey, fine grain, non mag, finely fol, v. minor hairline carb vnlts; lower contact consists of 4 cm calc. band w. semimsv cpy and dis mag		U.con 50° L. con 60°													
130.25-167.05	Diorite: leucocratic, wekly equigran., med grain, non fol'd, non mag., minor sporad. carb fract fills ± cpy, minor sporad carb/epid patches/vnlts, 1-5 cm 138.3,138.4 carb fract fills, 1 and 3 cm w. minor cpy 139.4: 2 cm carb fill w. 0.5-1.0 cm cpy band 141.9, bands of vuggy epidote w. clots coarse mixed cpy, bom 147.2, coarse irreg. pale pink calcite veining across 10 cm 153.3-153.7, broken, fract'd core, ~10° to c.a. w. fract coatings, 1-2% cpy+minor euhedral py 160.3-160.55, weak silic'n w. ~1-2% f.g. euhedral py 160.55-160.75, quartz vein, milky wht, ~20% coarse py clots, w minor mixed cpy, chlor contacts @ 20°(true thickness ~6cm) 160.75-161.15, wkly silic'd as above vn w.					cpy (sporad,trc)	63898 63899 63900 63901	133.25 160.3 160.6 160.76	135.4 160.6 160.76 161.3	2.15 0.3 0.16 0.54	40 35 560 30		1772 428 4974 462	14	140	



TECK EXPLORATION LTD.

HOLE No. TK-96-04

DIAMOND DRILL LOG		NTS <u>82F/6W</u>	DATE: COLLARED <u>Aug. 21/96</u>	DEPTH	DIP	AZ.	LENGTH: <u>107.6 m</u>
OPTIONOR <u>ANGLO SWISS</u>	CLAIM <u>Josie</u>	: COMPLETED <u>Aug. 23/96</u>			<u>-45°</u>	<u>90°</u>	DEPTH OF OVB: <u>7.6 m</u>
Project No: <u>1751</u>	ELEVATION <u>1047.4</u>	: LOGGED					CASING REMAINING: _____
Property: <u>Kenville</u>	NORTHING <u>21+75N</u>	LOGGED BY: <u>G.T.</u>					WATERLINE LENGTH: _____
	EASTING <u>22+10W</u>	CORE SIZE: <u>NQ</u>					PROBLEMS: _____

DEPTH (metres) FROM/TO	DESCRIPTION	REC. %	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS					
			CONTACT	VEINS			No.	FROM	TO	LENGTH	Au ppb	Ag ppm	Cu ppm	Mo ppm	W ppm	
0-7.6	Overburden															
7.6-11.0	Diorite: altered, perv. silic'n + potassic, lim. coatings, broken															
11.0-17.4	Diorite: perv. silic'n, mottled, wk-mod foliat'n ~80°, perv. f.g. py, 2-8%, pale green, grey to pinkish fol. bands and patches, mafics ~50 of groundmass w. chlor/bio alt, grad. contact				silic, potassic	py, 2-8% f.g., subhedral	63902 63903 63904	11.0 13.1 16.2	13.1 16.2 17.25	2.1 3.1 1.05	10 5 95		273 218 160	7 8 6		50
17.4-20.8	Potassic alteration zone: pale pink to cream, cryptocrystalline, mottled, perv. strong chlo rtt carb in microfract's, perv. microfracture fills and dissem f.g. py., chlor associated, grad. contact				potassic(perv)	py (0.5%)	63905 63932	17.25 18.6	18.6 20.8	1.35 2.2	120 10		27 14	38 178		
20.8-26.5	Diorite: as above @ 11.0-17.4, mottled, silicified, light greenish grey to dark, matrix bio/chlor alt, melanocratic, local fol. zones @ 70-80° to c.axis, sporad hairline chlor. vnlts, generally subparallel to c.a., f.g. dissem py, 1-5%				silic carb (wk-mod)	py, 1-5%	63906 63907 63908	20.8 23.2 24.4	23.2 24.4 27.4	2.4 1.2 3.0	35 10 305		230 216 304	6 2 8		
26.5-35.5	Diorite: pink to greenish grey, banded along relict fol. planes @ 60°, strongly silic'd, v.f.g. diss py (trc-0.25%), trc cpy, wk carb/chlor microfract. fills, minor sporad carb/chlor along fol. bands (2-5 cm)				silic.	py,cpy (trc)										
35.5-54.0	Diorite: intense silicic-potassic, green grey to pale pink, mottled, pervasive disseminations and fracture fills drk green chlorite+/- carb., sporad. milky wht qtz veining, 1-5 cm, perv diss				silici'n (intense) potassic, chlor	py(trc-1%) cpy(trc)	63909 63910 63911 63912	35.5 37.5 38.75 39.6	37.5 38.75 39.6 42.6	2.0 3.25 0.85 3.0	30 30 35 2680		243 139 93 229	12 19 42 36		360

DEPTH (metres) FROM/TO	DESCRIPTION	REC. %	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS					
			CONTACT	VEINS			No.	FROM	TO	LENGTH	Au	Ag	Cu	Mo	W	
	py through section , with local coarse py clots in qtz veins, minor local fol. zones, perv. red oxide spots (hem?) 35.5-38.75, fract'd, broken, silic'd, strong chlor along fract's, light greenish grey to pale pink, f.g diss py, trc cpy, ~1-2% combined 38.75-39.6, numerous qtz vns, w. f.g py along selvages, vns @ 50° within silic pale green banded (fol) rock , fol @ 50° 39.6-54.0, pale green to pale pink, intensely silicified w. numerous qtz vns, 1-5 cm w. blebs f.g. py 1-5%, cpy trc., perv. diss py, perv. chlor as blebs/fract fills , increase in zones of perv. potassic alt, 51.1, 4 cm mafic dyke @ 50° to c.a., sharp contacts 51.15, 1mm bleb MoS2 52.7-52.8, 3 cm mafic dyke @ 10-20° to c.a.						63913	42.6	44.05	1.45	15		121	20		
							63914	44.05	46.3	2.25	75		351	21		
							63915	46.3	49.7	3.4	95		248	42		
							63916	49.7	52.7	3.0	30		42	96		
							63917	52.7	54.0	1.3	135		43	63		
54.0-55.2	Mafic dyke: dark, aphanitic, perv. carb spots, 2- 5 mm, wk-mod magnetic						63918	54.0	57.15	1.95	10		153	55		
55.2-73.05	Diorite: as above @ 35.5-54.0, perv. silic'd, light greenish grey to pinkish, mottled, perv. chlorite blebs and microfracture fillings, perv f.g. diss py, cpy trc. w. heavier conc's along selvages, sporad. qtz vnls, 0.5-3.0 cm, red alt spots, 1-2 mm @ 62.9-63.15, close spaced microfracture fillings MoS2 71.1-73.05, silic'd, broken, pink, green foliated w. 0.25% diss py 75.05, 9 cm banded qtz veining @ 70°, chlor. partings, trc v.f.g. py, cpy 72.7-73.05, increased py, 2-5%, diss/selvages		20-40° locally 70-80°	silic-potassic	py. 0.5-2% trc cpy		63919	57.15	58.8	1.65	15		92	30		
							63920	58.8	61.9	3.1	60		246	37		
							63921	61.9	64.9	3.0	125		197	206	110	
							63922	64.9	68.0	3.1	95		236	6		
							63923	68.0	70.4	2.4	130		51	24		
							63924	70.4	73.15	2.75	90		328	19		
73.05-78.95	Mafic dyke: dark, f.g biot groundmass w. perv carb alt, wk-mod magnetic, sharp irreg u.cont @ 80-90° to c.a., sharp l.ont @ 70°						63925	73.15	75.05	1.9	10+		81	20		



TECK EXPLORATION LTD.

HOLE No. TK-96-05

DIAMOND DRILL LOG		NTS	82F/6W	DATE: COLLARED	Aug 24/96	DEPTH	DIP	AZ.	LENGTH:	181.7 m
OPTIONOR		CLAIM	Josie	: COMPLETED	AUG 27/96		-45°	84°	DEPTH OF OVB:	8.84
Project No:		ELEVATION	1052.4 m	: LOGGED					CASING REMAINING:	
Property:		NORTHING	21+67N	LOGGED BY:	G.T.				WATERLINE LENGTH:	
ANGLO SWISS		EASTING	21+20W	CORE SIZE:	NQ				PROBLEMS:	
1751										
Kenville										

DEPTH (metres) FROM/TO	DESCRIPTION	REC. %	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS					
			CONTACT	VEINS			No.	FROM	TO	LENGTH	Au ppb	Ag ppm	Cu ppm	Mo ppm	W ppm	
0-8.84	Overburden															
8.84--13.7	Diorite: silic'd, mod-strong, relict fol. w biotite/chlor partings, perv. f.g py (0.25-0.5%), occas. as narrow stringers/fract. fills, minor carb. alt.		Foliat. @ 60-70°		silic'n (strong) carb (wk)	py(0.25-0.5%)										
~13.7-27.65	Diorite: mottled, strong to intensely silicified, diorite texture mainly obliterated by silic'n w. local areas of pale pinkish foliated diorite, minor sporad. barren qtz veinlets, fol. aligned, 0.5-1.0 cm, mod. brkn, fract'd w. chlor. fract sfcs, perv f.g. py, diss or sporad. fract. fills -strongly broken @ 18.6--18.8 m w minor chlor. fault gouge @ 21.85-22.75: trc diss/fract fill py, f.g cpy @ 25.7-26.0: dark fol. dior, silic'd w. 0.5-1% diss f.g. py @ 25.5-27.2: minor wisps MoS2					py, trc-0.5%	68294 68295 68296	16.15 22.5 26.1	18.6 24.5 28.35	2.45 2.0 2.25	5 65 10		247 923 318	22 61 203	10	
27.65-29.3	Diorite: mottled, strongly silicified w. silic'n increasing down section, dark chlor/bio groundmass, 0.5-2% diss f.g. py				silic	py, 0.5-2%										
29.3--30.15	Diorite: intensely silic'd, gradational w upper zone, microfract'd w. chlor, py fillings, one elong. bleb py, 0.5 x 4.0 cm					py, 0.5-1%	68297	28.25	30.1	1.85	15		82	8	10	
30.15-32.45	Diorite: intense silic-potassic alt, no dior. texture, wht to pale pink, minor chlor blebs and fracture coatings, trc diss py, several scattered py				silic-potassic (intense)	py, trc	68298	30.1	32.45	2.35	5		202		10	

DEPTH (metres) FROM/TO	DESCRIPTION	REC. %	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS						
			CONTACT	VEINS			No.	FROM	TO	LENGTH	Au	Ag	Cu	Mo	W		
	blebs to 3.0 cm, sporadic wisps/diss v.f.g. MoS2																
32.45-52.45	Diorite: mesocratic, wk-non fol'd, wk-mod silic'd, wk magnetic, trc diss py w. local increases along fract's, mafics pxn dominant, increased py (1-2%) @ 32.45-35.3, 37.6-38.37 @ 35.1-35.4, 0.5-1.0 cm qtz vn at 20° to c. axis, strong clots py, @ 47.09: 0.5 cm qtz vn at 40° w. several blebs py to 1.0 cm, @ 47.55: 1 cm qtz vn w. several blebs py, 0.25-2.0 cm, at 50° to c.a., abrupt decrease in overal py. content at 40.25 m		Fol 60-70°		silic (wk-mod)		68299 68300 68352	32.45 34.44 37.5	34.44 37.5 40.25	1.99 3.06 2.75	5 5 5			13 374 276	213 4 6		20 10
52.45-52.68	Mafic dyke: dark, aphanitic, mod. magnetic		U. cont 60° (sharp)														
52.68-55.5	Diorite: as above @ 32.45-52.45 - unknown bluish carbonate rich fracture fillings @ 55.25-55.5 m																
55.5-56.05	Mafic dyke: as above @ 52.45-52.68, contains bluish carb fract fills from 55.5-55.65, weakly magnetic, sharp contacts @ 70°																
56.05-57.78	Diorite: as above, contains 10 cm mafic dyke at 57.5 m					py, trc											
57.78-59.9	Mafic dyke: aphanitic, dark, contains scattered wht amygdules, 2-5 mm, minor carb vnlt, weak overall carb. alt, sharp contacts @ 70°																
59.9-61.2	Diorite: as above, mod foliated					py, trc											
61.2-62.17	Mafic dyke: dark, strong carb. alt, 3 cm feldspathic band @ 61.8 m w. f.g biotite																
62.17-72.15	Diorite: dark, strongly foliated w. increased mag bands, pervasive, sporad. wk. carb. bands, 2-3 mm, @ 63.3-63.6: patchy silic-feldspathic alt w, 1% diss py, trc cpy					py, trc- 0.5% diss, fract fills											
72.15-72.75	Mafic dyke: contains 10 cm diorite @ 2.55-72.65																
72.75-98.3	Diorite: dark to greenish grey, mod foliated, wk-mod magnetic, minor sporadic carb vnlt,					py, trc w. local conc	63951	95.0	98.45	3.45	5			206	17		



TECK EXPLORATION LTD.

HOLE No. TK-96-06

DIAMOND DRILL LOG

OPTIONOR ANGLO SWISS

Project No: 1751

Property: Kenville

NTS	82F/6W	DATE: COLLARED	August 28/96	DEPTH	DIP	AZ.	LENGTH:	243.84 m
CLAIM	Josie	: COMPLETED	Sept. 3/96		-45°	90°	DEPTH OF OVB:	6.1 m
ELEVATION	1082.4 m	: LOGGED					CASING REMAINING:	
NORTHING	21+00 N	LOGGED BY:	G.T.				WATERLINE LENGTH:	
EASTING	21+45 W	CORE SIZE:	NQ				PROBLEMS:	

DEPTH (metres) FROM/TO	DESCRIPTION	REC. %	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS							
			CONTACT	VEINS			No.	FROM	TO	LENGTH	Au ppb	Ag ppm	Cu ppm	Mo ppm	W ppm			
0-6.1	Overburden																	
6.1-13.0	Diorite: pervasive potassic-silica alt/flooding, wht to greyish, cryptocrystalline, diorite texture totally masked, numerous v.f.g fract. fills MoS2, trc. f.g. py., occas. as larger blebs/clots, section is broken with lim. coatings to 8.4 m				potassic-silica (perv)	py, moly. (trc)	63980	10.1	13.1	3.0	5		25	126				
13.0-21.0	Diorite: mottled, pervasive silica-potassic flooding w. weakly preserved diorite texture, 5-10% mafic groundmass w. perv bio, chlor alt perv. f.g dissem. py, trc. f.g cpy, localized vuggy areas w. py. linings				potassic-silica (mod)	py, 0.5-1% cpy (trc)	68278 68292 68279	13.1 16.2 19.2	16.2 19.2 22.3	3.1 3.0 3.1	10 15 30		99 294 192	11 38 99		10		
21.0-23.2	Diorite: silica-potassic flooded, pale pink, cryptocrystalline, wk. perv vnlts MoS2, trc f.g diss py w. local conc's in vugs/fract's				potassic-silica (perv)	py, MoS2 (trc)												
23.2-25.3	Diorite: mottled, perv. silica-potassic flooding, wk. relict dior. texture w. chlor-bio alt. groundmass, trc diss py, minor diss. cpy across 10 cm @ 23.5 m				"	py, (trc)	63981	28.4	31.4	3.0	25		30	35				
25.3-28.8	Diorite: perv potassic-silica flooding, wht to pale pink cryptocrystalline, trc diss py, sporad microvnlts MoS2				potassic -silica (perv)	py. (trc) sporad. moly.	68280	25.3	28.4	3.1	35		106	48				
28.8-32.4	Diorite: mottled w. perv. silica-potassic flooding, wk relict dior. texture, brkn w. limon. sfces to 30.4 m, brkn w. drk green chlor. fract. sfces @ 32.0-32.4 m, trc diss py.				"	py (trc)	68281	28.4	31.4	3.0	25		30	35				
32.4-35.8	Diorite: perv. silica-potassic flooding, wht to					py, moly	68282	31.4	34.4	3.0	15		19	38				

DEPTH (metres) FROM/TO	DESCRIPTION	REC. %	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS						
			CONTACT	VEINS			No.	FROM	TO	LENGTH	Au	Ag	Cu	Mo	W		
	pale grey, cryptocrystalline, trc diss py., minor sporad. MoS2 microfract. fills					(trc)											
35.8-40.5	Diorite: mottled, perv. strong silica-potassic flooding, ~ 1% diss py, trc cpy, 5-10% wispy chlor-bio groundmass				"	1% py, trc cpy	68283 63982	34.4 37.5	37.5 40.5	3.1 3.0	60 5		104 769	92 1			
40.5-43.3	Diorite: dark, w. localized bands of silica-potassic alt., mottled, eqigran. w. local narrow fol. bands, sporad. diss py. w. trc cpy, 2 bands py 0.5-1.0 cm in fracture or carbonte bands				potassic-silica (localized)	sporad py cpy (trc)	63983	40.5	43.6	3.1	50		308	8			
43.3-48.25	Diorite: mod-strongly foliated @ 80°, mod. perv. wk silica-potassic alt., trc -0.5% diss py, trc cpy, strong silica-potassic flooded band @ 45.45-46.3 w. trc. diss py and local MoS2 microfract. fills				potassic-silica (mod)	py (trc-0.5%), cpy (trc), moly (sporad)	63984	46.6	48.25	1.65	60		553				
48.25-49.2	Diorite: mottled, silica-potassic flooded, wht, grey, grey green(chlor) cryptocrystalline, trc diss py w. sporad. MoS2 microfract. fills				" (strong)	py (trc) Moly (sporad)	68284	48.25	49.7	1.45	45		169	26			
49.2-66.1	Diorite: mottled, grey - greenish grey, perv. silica-potassic flooding/alt'n, strong to intense, 0.5-1% diss py, trc cpy, intense alt. zones contain frequent MoS2 microfract fills				" strong-intense	py. (0.5-1%) Mo, cpy(trc)	68293 68285 63985 68286 63986	49.7 52.7 55.8 58.8 61.9 63.85	52.7 55.8 58.8 63.85 66.1	3.0 3.1 3.0 1.95 2.25	35 35 15 310 10		169 261 261 101 117	26 55 55 50 52			
66.1-66.5	Mafic dyke: dark, aphanitic, perv. silic'd, 0.5% f.g diss py, several qtz vnls, 2-3 mm @ 40° to c.a.				silic'd	py, 0.5%											
66.5-80.1	Diorite: similar to previous section @ 49.2-66.1 4 cm barren qtz vn @ 67.65, multiple barren qtz vns, 0.5-7.0 cm @ 75.0-78.3 m.				potassic-silica	py. 0.5-1% moly in local fract	68287 68288 68289 63987 63988	66.1 68.0 71.0 74.1 77.1	68.0 71.0 74.1 77.1 80.1	1.9 3.0 3.1 3.0 3.0	15 80 45 5 5		44 26 13 43 148	454 33 56 50 85			
80.1-80.6	Mafic dyke: aphanitic, drk, brkn, sharp contacts																
80.6-95.3	Diorite: similar to previous section(66.5-80.1), perv. potassic alt w. decreased silica, sporad. barren qtz vns, 1-2 cm @ 80° to c.a. @ 86.3-86.85, strong MoS2 on microfract's w. strong py bands @ 86.3-86.48				potassic (silica)		68290 63989 68291 63990	83.2 85.9 87.2 89.0	85.9 87.2 89.0 92.4	2.7 1.3 1.8 3.4	90 40 35 5		239 74 83 97	65 856 20 36			

DEPTH (metres) FROM/TO	DESCRIPTION	REC. %	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS					
			CONTACT	VEINS			No.	FROM	TO	LENGTH	Au	Ag	Cu	Mo	W	
	@ mafic dyke (18cm) @ 89.07-89.25 @ 95.3, last noted bleb MoS2						63991	92.4	95.4	3.0	5		87	90		
95.3-116.7	Diorite: mottled, perv. pinkish potassic alt w. localized areas of intense potassic ± silica alt, weak relict diorite texture, equigran. w. perv. bio/chlor alt of mafic groundmass, 0.5-1% diss py (cpy-trc), occas. as larger blebs/clots, minor sporad. qtz vns, 0.5-3.0 cm				potassic (silica)		63992 63993 63994 63995 63996 63997 63998	95.4 98.5 101.5 104.6 107.6 110.6 113.7	98.5 101.5 104.6 107.6 110.6 113.7 116.7	3.1 3.0 3.1 3.0 3.0 3.1 3.0	5 10 30 25 5 30 5		366 369 412 673 243 369 167	35 35 20 64 21 55 23		
116.7-117.3	Mafic dyke: f.g., brkn, weakly magnetic															
117.3-122.65	Diorite: as previous (95.3-116.7)				potassic (silica)		63999 64000	116.7 119.8	119.8 122.7	3.1 2.9	5 5		228 203	4 6		
122.65-126.7	Mafic dyke: dark, aphanitic, weakly mag', sporad. carbonate spots, microvnlts, contacts @ 80°															
126.7-127.7	Diorite: mottled, strong potassic alt., trc-0.5% diss py				potassic (strong)	py (trc-0.5%)	68251	126.7	127.7	1.0	5		458	6		
127.7-129.36	Mafic dyke: dark, aphanitic, perv. wht carb. spots, vnlts															
129.36-133.45	Diorite: mottled, strongly silic'd, w. frequent patchy qtz veining to 130.6 m, veining assoc. w. minor bluish alteration selvages @ 131.9-133.45, strong mottled pink potassic alt. w. several irreg. py. clots up to 4.0 cm.					py, 1%	68252 68253	129.35 132.0	132.0 133.43	2.65 1.43	5 10		261 139	45 16		
133.45-171.15	Diorite: dark (melanocratic), mod-strongly foliated @ 80°, non-wkly magnetic, minor sporadic potassic alt bands (5-10cm), non to weakly mineralized w. f.g py - v. minor py along fractcs or as isolated clots or bands @ 134.25-134.8, pink potassic alt. zone w. 0.5-1% diss py, contains 6 cm wht carb alt band w. heavy f.g py @ 139.15-139.32, dark aphanitic mafic dyke					py, (local)	68254 68255 68256	133.43 136.3 138.1	136.3 138.1 141.1	2.87 1.8 3.0	20 145 155		419 117 424	32 7		

DEPTH (metres) FROM/TO	DESCRIPTION	REC. %	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS					
			CONTACT	VEINS			No.	FROM	TO	LENGTH	Au	Ag	Cu	Mo	W	
	@ 135.4, scattered blebs cpy across 6 cm carb alt zone															
171.15-186.24	Silicified-Pyritic Qtz vein stockworks pervasive grey silicified groundmass w. f.g. perv. py, py also occurring as scattered clots, bands, fract fills, pervasive qtz veining/stockworks, distinct to irreg masses, wht, often w. dissem's or clots of coarse py, minor sporad. potassic bands/patches, vein selvages contain chlor ± py @ 174.97-175.42, dk mafic dyke @ 184.5-186.24, conspic. perv bands mixed K-spar and silica w. irreg. py clots and trc cpy in microfracts				Silic'n (strong to intense) K-spar (local)	py (variable concentr's)	68257 68258 68259 68260 68261 68262	171.15 171.75 175.42 177.7 180.75 183.8 186.24	171.75 174.97 177.7 180.75 183.8 186.24	0.6 3.22 2.28 3.05 3.05 2.44	70 925 20 305 175 265		658 304 174 434 687 1290	2 24 4 43 6 105		
186.24-186.9	Diorite: dark, wk silic'n, calcareous, fract'd w. localized cpy, py as fract/vug fillings				silic, calc (wk)	cpy,py (0.5%)	68263	186.24	186.84	0.6	180		2538	59		
186.9-189.9	Diorite: dark, strongly fol. mod. mag., trc diss py @ 189.1, 1 cm magnetite band @ 186.9-187.2, red (hem.) slickensided fract. sfcs					py, (trc)	68264	186.84	187.54	0.7	90		251			
189.9-194.9	Diorite: dark, wk-non fol'd, equigran. @ 190.0-190.25, grey silic'n around 1mm carb vult w. 2.5 cm mixed f.g py, cpy band at 190.0 m @ 191.2-191.6, zone of coarse pink K-spar w. wht qtz -carb w. 5.0 cm py bleb (trc cpy)						68265	189.9	192.3	2.4	830		1085	6		
194.9-196.7	Silicified zone: grey silicified groundmass w. mixed localized pink potassic alt, localized py bands, trc cpy					py (local cpy- trc)	68266	194.9	196.7	1.8	85		1293	2		
196.7-217.5	Diorite: dark, mod-strongly foliated, mod. mag., minor local patches or bands wht carb alt., @ 199.5-204.7, wk pale green epidote alt. through groundmass, brkn at 199.5-201.2 w. wk hem along fract sfcs @ 214.8-217.0, fracture parallel to c.a. w.					py, trc	68267 68268 68269	210.6 213.7 215.8	213.7 215.8 217.5	3.1 2.1 1.7	10 20 90		430 430 1095	1		

DEPTH (metres) FROM/TO	DESCRIPTION	REC. %	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS					
			CONTACT	VEINS			No.	FROM	TO	LENGTH	Au	Ag	Cu	Mo	W	
	58.6-58.9 @ 67.1, 1% py in calcareous band across 10 cm @ 75.55-75.8, trc f.g py, cpy along foliation planes 76.25-77.2, pervasive (wk-mod) silica-potassic alt w. trc. f.g py, heavier py. at 76.25-76.5 w. assoc narrow mag. bands															
78.7-137.24	Alteration zone :(silica-potassic) perv. strong to intense silicification, light to medium grey, mottled w. wk. relict dior. texture, trc-0.5% diss f.g. py w. local conc's within secondary qtz veinlets/selvages, numerous secondary qtz veinlets/patches, 1-5 cm ± py as individual clots/selvages, sporadic localized zones of fine dissem/microfract fills MoS2 in most intensely silicified areas, chlor. weakly perv. on fract. sfcs. zone contains overall wk. localized areas of diffuse potassic alt. 84.2- 86.55, mafic dyke: dark, aphanitic, wkly mag., numerous calcite microvnlts to 2.0 cm. sharp contacts at 50° 86.55-88.1, crackle breccia, brkn w. strong chlor. in microfract's, numerous qtz vnlts/patches, 0.5-1.0 cm w. py trc. 111.9, 2.5 cm qtz vn at 20° to c.axis (13 cm along core), coarse py blebs and minor cpy blebs 122.62-123.1, weakly silicified, equigran dior. w. 2-4% diss f.g. py 123.8, 10.0 cm. qtz vn w. f.g. tourmaline selvages					py,(trc-0.5%) moly-(perv.).	68301	78.7	81.8	3.1	5			66	25	
							68302	81.8	84.2	2.4	10			38	34	
							68303	86.55	88.1	1.55	5			70	23	
							68304	94.2	97.2	3.0	5			60	50	
							68305	98.8	100.9	2.1	10			50	138	
							68306	107.0	110.0	3.0	5			87	114	
							68307	110.0	111.9	1.9	90			350	95	
							68308	97.2	98.8	1.6	5			13	72	
							68309	111.9	113.4	1.5	255			606	149	
							69310	113.4	116.44	3.04	10			62	61	
							68311	116.44	119.5	3.06	5			188	65	
							68312	119.5	122.84	3.34	65			108	160	
							68313	122.84	125.9	3.06	80			191	62	
							68314	125.9	128.93	3.03	5			227	145	
							68315	128.93	131.37	2.44	5			177	198	
							68316	131.37	133.2	1.83	5			51	181	
							68317	133.2	136.25	3.05	10			152	131	
							68318	136.25	137.24	0.99	35			427	106	
137.24-139.44	Diorite: melanocratic, mod-strongly foliated,, wkly silic'd, several K-spar alt. patches, 1-5 cm, weakly magnetic, diss py 0.5%, w. occas. fract. fills and alt. band selvages of py. 137.47, f.g. cpy across 2 cm 138.05, 3 cm K-spar band w. several blebs cpy						68319	137.24	138.95	1.71	75			790	15	

DEPTH (metres) FROM/TO	DESCRIPTION	REC. %	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS						
			CONTACT	VEINS			No.	FROM	TO	LENGTH	Au	Ag	Cu	Mo	W		
	139.0-139.38, mod-strong K-spar alt., pitted w. 0.5-1% f.g. py.																
139.44-140.8	Alteration zone (potassic, silic); mottled, w. pale pink K-spar flooding, several wht qtz vns/patches, 1-2 cm, perv. diss. py., 0.5%, trc perv. diss/microfract. fills MoS2 139.9, unaltered diorite (5cm)					py (0.5%) moly -trc.	68320	138.95	140.8	1.85	160		276	188			
140.8-156.12	Diorite: melanocratic, mod-strongly foliated, , wk-mod calcareous, several bands of K-spar alt, 10-25 cm w. ~1% diss py, sporad. qtz vns, 1-2 cm, usually barren, occas. w. minor py (cpy) along vn selvages, trc local cpy as fract. fills/ carbonate associated disseminations, less foliated w. wk epidote alt at 144.0-147.0 m.			80°		py, trc-0.5%	68321 68322 68323 68324 68325	140.8 144.17 147.22 150.27 153.3	144.17 147.22 150.27 153.3 157.12	3.37 3.05 3.05 3.03 3.82	45 30 120 55 5		770 204 1097 220 174	37 5 22 7			
156.12-160.07	Mafic dyke: dark, aphanitic, wkly mag.			80°													
160.07-170.4	Diorite: melanocratic, mod-strongly foliated, numerous irreg. patches of grey to pale green to pinkish K-spar alt (mainly barren), py as dissem's, fract. fills (trc-1%), locally to 5% py between 163.07-165.5, v. minor trc cpy in fol. bands or fract. fills , perv. wk-mod. carbonate alt.					py, (trc-1%)	68326 68327 68328 68329	160.7 163.07 165.5 168.6	163.07 165.5 168.6 170.4	2.37 2.43 3.1 1.8	10 5 40 35		363 288 295 234	60			
170.4-184.7	Diorite: med-coarse grain, non folia'd weakly mag. wk. sporadic calcite vnlt, v. minor sporadic qtz vnlt, trc . diss f.g py, rare fract. fills Mafic dykes at 177.7-177.8, 177.91-178.02, 178.22-178.67 @ 182.4, coarse py clots across 5 cm w. patchy qtz-potassic alt @ 182.93, 2 cm qtz vn at 40° t o core axis,			80°		py, (trc)	68330 68331 68332	176.35 181.15 182.9	177.8 182.9 185.93	1.45 1.75 3.03	10 75 10		226 91 225				
184.7-206.96	Diorite: mod-strongly fol'd @ 80°, perv. wk-mod. carb alt, wk. magnetic, pyrite occurs as f.g. dissem's or fracture fills @ 184.7, 9 cm qtz vn w. minor f.g. py, cpy selvages					py (trc-0.5%) diss/ fract fills	68333 68334 68335 68336 68337	185.93 186.84 189.9 192.94 192.94 194.77	186.84 189.9 192.94 194.77 197.82	0.91 3.06 3.04 1.83 3.05	10 10 135 10 5		112 135 144 168 242	47	7		

APPENDIX 5

PETROGRAPHIC DESCRIPTIONS



Vancouver Petrographics Ltd.

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Report # 970046 for:

Greg Thomson
Teck Exploration Ltd.
Vancouver, B.C.

January 1997

Samples: TK 96-4 53.0 m, TK 96-5 123.0 m, TK 96-5 125.0 m,
TK 96-6 86.6m, TK 96-6 178.5 m,

Summary:

Sample TK 96-4 53.0 m is a quartz leuco-alkalisyenite composed largely of intimately interlocking grains of microcline, quartz, plagioclase and muscovite ranging widely in size. The rock is relatively fresh showing only incipient kaolinization of feldspars. Approximately 23 % of thin section is occupied by pyrite patch containing minor chalcopyrite. A few minor veinlets are dominated by quartz and calcite.

Samples TK 96-5 123.0 m and TK 96-5 125.0 m represent diorite derived gneiss with incipient compositional banding. The samples are composed mostly of plagioclase densely intergrown with muscovite. Streaks and irregular bands are composed mostly of green mica, zoisite, clinozoisite-epidote, tremolite and in sample TK 96-5 123.0 m chlorite, one seam in sample TK 96-5 125.0 m is dominated by tourmaline. Ore minerals are represented by small amounts of chalcopyrite, magnetite and in sample TK 96-5 123.0 m also pyrite. Several veins present in sample TK 96-5 123.0 m are composed of chlorite, magnetite, K-feldspar, dusty opaque and calcite (one vein). Sample TK 96-5 125.0 m contains only one vein dominated by calcite with lesser adularia and chlorite.

Sample TK 96-6 86.6 m is of leuco-alkalisyenite similar to sample TK 96-4 53.0 m, it is dominated by microcline with subordinate amounts of plagioclase and quartz forming aggregate of mutually interlocking grains, which is partly replaced by finer grained K-feldspar and plagioclase (?). Sulphides comprising 20-22 % of thin section are represented by pyrite and minor chalcopyrite. Sample contains 2.0 mm wide quartz vein.

Sample TK 96-6 178.5 m is a calcite-quartz-K-feldspar-pyrite vein dominated by an aggregate of calcite grains ranging in size from 0.02 to 0.7 mm with lesser pyrite, quartz and K-feldspar grains scattered throughout calcite mass. The sample contains 17-20 % pyrite as disseminated grains and clusters of grains. A few minor veins are composed of calcite.



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Sample TK 96-4 53.0 m

**Quartz leuco-alkalisyenite; replacement
patch of pyrite**

The sample consists of intimately interlocking grains of microcline, quartz, plagioclase and muscovite ranging in size from 0.05 to 1.0 mm. The rock is relatively fresh showing only weak kaolinization of feldspars. Pyrite with minor chalcopyrite comprises a patch 2.0 cm long. There are a few minor veinlets dominated by quartz and calcite.

microcline	55-60 %	veins: quartz	1-2 %
pyrite	20-23 %	calcite	0.5 %
quartz	10-12 %	pyrite	0.1 %
plagioclase	6-7 %	chalcopyrite	0.1 %
muscovite	4-5 %		
calcite	2-3 %		
chalcopyrite	0.5 %		
chlorite	0.3 %		
Ti-oxides	0.2 %		
kaolinite	0.2 %		

Microcline forms anhedral to subhedral grains often displaying distinctive cross-hatched twinning; grain size ranges from 0.05 to 1.0 mm.

Pyrite is concentrated in elongated patch 2.0 cm long occupying about 20 % of thin section. Here pyrite occurs as subhedral to euhedral grains ranging from 2 to 5 mm across. Small amount of pyrite occurs as subhedral to euhedral disseminated grains 0.01 to 0.2 mm in size.

Chalcopyrite forms mostly small blebs 0.01-0.07 mm across within pyrite, less commonly fills interstices between pyrite grains or forms irregular grains within calcite veinlet.

Quartz forms anhedral grains ranging in size from 0.01 to 0.2 mm.

Anhedral plagioclase crystals range in size from 0.02 to 0.2 mm.

Small grains of microcline, quartz and plagioclase likely represent younger phase of the rock partly replacing larger grains belonging to the older phase.

Muscovite forms subhedral to euhedral crystals 0.03 to 0.3 mm long, they display weak pleochroism ranging from colourless to pale green.

Calcite occurs mostly in interstices between feldspar and quartz grains forming highly irregular patches up to 0.1 mm across.

Chlorite is present as partial replacements of several muscovite flakes.

(continue)

Kaolinite is replacing some of the microcline and plagioclase crystals, the intensity of kaolinization is weak to moderate causing feldspars to cloud out and partial obliteration of their twinning patterns.

Ti-oxides form a few clusters 0.1 -0.2 mm across composed of very fine grained Ti-oxides crystals.

There are two quartz veins 1.0 mm wide and another two veins 0.1 mm wide composed of calcite with lesser chalcopyrite, one of the latter veinlets cuts across pyrite.

Samples TK 96-5 123.0 m and TK 96-5 125.0 m

Diorite derived gneiss, weak mineralization with chalcopyrite and magnetite

The two samples are of diorite derived gneiss with weakly expressed compositional banding. The rock is dominated by plagioclase densely intergrown with muscovite. Streaks and discontinuous bands are composed mostly of green mica, zoisite, epidote, tremolite and chlorite; one seam in sample TK 96-5 125.0 m is composed of tourmaline. Ore minerals are represented by subordinate amounts of chalcopyrite, magnetite and pyrite. Several veins in sample TK 96-5 123.0 m are composed of chlorite, magnetite, K-feldspar, dusty opaque and calcite (one vein). Sample TK 96-5 125.0 m contains only one vein containing calcite with lesser adularia and chlorite.

TK 96-5 123.0 m

plagioclase	55-60 %
muscovite	20-25 %
green mica	10-12 %
chlorite	5-6 %
calcite	2-3 %
chalcopyrite	1.5-2 %
magnetite	1.5-2 %
zoisite, epidote	1-2 %
quartz	1-2 %
apatite	1 %
pyrite	0.3 %
malachite-azurite	minor
kaolinite (?)	minor

veins: calcite	0.4 %
chlorite	0.3 %
magnetite	0.2 %
K-feldspar	0.2 %
dusty opaque	minor

TK 96-5 125.0 m

plagioclase	60-65 %
muscovite	12-15 %
green mica	8-10 %
zoisite, epidote	8-10 %
tremolite	2-3 %
chalcopyrite	2-3 %
magnetite	2-3 %
quartz	1-2 %
apatite	1 %
malachite-azurite	0.5-1 %
tourmaline	0.5 %
calcite	0.5 %
titanite	0.2 %
chlorite	0.2 %
kaolinite (?)	minor

veins: calcite	0.5 %
adularia	0.2 %
chlorite	0.1 %

Plagioclase forms intergrown anhedral crystals ranging in size from 0.1 to 2.0 mm. Larger grains represent probably plagioclase of primary diorite and smaller ones may be the result of metamorphic recrystallization of larger grains.

(continue)

Muscovite occurs as flakes 0.02 - 0.2 mm in size intimately intergrown with plagioclase.

Green mica forms mostly subhedral flakes averaging 0.03-0.5 mm in size (a few bigger flakes of up to 1.6 mm long were noted in sample TK 96-5 125.0 m) showing strong pleochroism ranging from pale yellow to medium green. Green mica usually displays subparallel alignment and tends to form streaks and seams.

Chlorite forms pseudomorphosis after green mica.

Zoisite and epidote occur as anhedral to euhedral grains ranging in size from 0.005 to 0.3 mm across often forming clusters and streaks, they tend to be associated with green mica.

Tremolite occurs as anhedral to subhedral grains 0.02-0.5 mm in size associated with zoisite.

Apatite forms anhedral, often rounded grains of up to 0.4 mm in size.

Tourmaline, present only in sample TK 96-5 125.0 m, is concentrated in one highly irregular seam. It forms subhedral to euhedral crystals 0.1-0.4 mm in length which show typical pattern of pleochroism in shades of gray, blue and pink.

Calcite forms irregular mostly interstitial patches up to 0.3 mm in size.

Quartz forms anhedral grains up to 0.3 mm in size associated in most part with ore minerals.

Chalcopyrite forms scattered, highly irregular patches up to 1.0 mm in size. Part of chalcopyrite in sample TK 96-5 125.0 m is tarnished and altered to malachite-azurite.

Magnetite forms scattered anhedral to subhedral crystals and clusters of crystals up to 0.7 mm in size.

Pyrite occurs in sample TK 96-5 123.0m where it forms several subhedral to euhedral grains up to 1.0 mm in size.

Titanite occurs in sample TK 96-5 125.0 m forming several subhedral to euhedral grains up to 0.2 mm across. It is associated mostly with tourmaline seam.

Kaolinite (?) may be responsible for cloudiness observed in some plagioclase grains.

In sample TK 96-5 123.0 m there is one vein 0.5-0.8 mm wide filled with coarse calcite and several thin anastomosing veinlets composed of chlorite, magnetite, K-feldspar and dusty opaque.

In sample TK 96-5 125.0 m there is one vein 0.2-0.4 mm wide composed of calcite with lesser adularia and chlorite.

Sample TK 96-6 86.6 m Leuco-alkalisyenite; replacement patches of pyrite

The rock is very similar to sample TK 96-4 53.0 m , it is dominated by microcline with subordinate amounts of plagioclase and quartz occurring as large, mutually interlocking grains. These are partly replaced by finer grained assemblage of K-feldspar and plagioclase representing likely younger phase of the rock.

Sulphides are represented by pyrite with minor chalcopyrite which comprise highly irregular patches occupying 20-22 % of thin section. There is one 2.0 mm wide quartz vein.

microcline	55-60 %	vein:	
pyrite	20-22 %	quartz	2-3 %
plagioclase	7-8 %	calcite	0.1 %
calcite	5-6 %		
quartz	2-3 %	replacement patches, veinlets of	
muscovite	1-2 %	finer grained K-feldspar and	
kaolinite	1-2 %	plagioclase (?)	12-15 %
dusty opaque	0.5 %		
carbonaceous opaque	0.5 %		
chalcopyrite	0.2 %		

Microcline occurs as subhedral to anhedral grains ranging in size from 0.1 to 1.0 mm. Many grains display characteristic cross-hatched twinning.

Plagioclase grains are anhedral to subhedral ranging in size from 0.1 to 0.8 mm.

Anhedral quartz grains average 0.1 - 0.3 mm in size.

Larger grains of microcline, plagioclase and quartz are partly replaced by finer grained assemblage dominated by K-feldspar (no microcline twinning) and possibly some plagioclase grains 0.01-0.1 mm in size. They comprise replacement patches and veinlets, often along the borders between large microcline, plagioclase and quartz grains.

Calcite forms highly irregular, mostly interstitial patches of up to 0.7 mm across.

Muscovite occurs as tiny subhedral to euhedral scattered flakes reaching up to 0.2 mm in length, most of it is concentrated in narrow discontinuous seams.

Pyrite is concentrated in highly irregular replacement patches composed of subhedral to euhedral grains averaging 2-5 mm in size. Small amount of pyrite occurs as tiny anhedral to subhedral disseminated crystals often in discontinuous narrow seams composed of muscovite and carbonaceous opaque.

(continue)

Sample TK 96-6 86.6

(page 2)

Kaolinite is partly replacing many of large microcline and plagioclase blurring their twinning patterns.

Carbonaceous opaque forms irregular patches up to 0.2 mm in size, often forming narrow discontinuous seams with muscovite and occasionally pyrite.

The sample is dominated by aggregate of interlocking calcite grains varying in size from 0.02 to 0.7 mm with lesser amount of pyrite, quartz and K-feldspar grains scattered throughout calcite mass. Pyrite, concentrated on one side of thin section is associated with sericite. There are a few minor veins of calcite.

calcite	55-60 %	veins: calcite	0.5 %
pyrite	17-20 %		
quartz	12-15 %		
K-feldspar	4-5 %		
sericite	2-3 %		
plagioclase	0.5 %		
chalcopyrite	0.2 %		
titanite	0.2 %		
chlorite	0.1 %		
limonite	trace		

Calcite occurs as a mass of interlocking anhedral grains, most of them measure 0.01 to 0.1 mm in size; about 1/3 of calcite forms larger grains measuring 0.2 to 0.7 mm in size.

Pyrite occurs as subhedral to euhedral separate crystals 0.02-0.2 mm across or clusters of up to 1.0 mm across comprising several pyrite grains.

Chalcopyrite occurs as tiny irregular blebs up to 0.07 mm in size, often forming inclusions in pyrite.

Quartz forms highly irregular grains up to 0.5 mm across scattered throughout calcite. In one spot quartz forms elongated zone 2 cm long composed of large anhedral crystals 0.2-1.0 mm in size showing signs of strain.

K-feldspar is concentrated in two spots forming anhedral grains measuring 0.03-0.6 mm across, a few K-feldspar crystals are microcline displaying characteristic twinning pattern.

Plagioclase is represented by three anhedral grains 0.2-0.5 mm in size.

Sericite forms irregular patches up to 1.0 mm across which tend to be associated with pyrite.

Titanite forms three subhedral to euhedral grains 0.2-0.4 mm in size located close to each other.

There are a few minor calcite veinlets 0.1 to 0.2 mm wide.





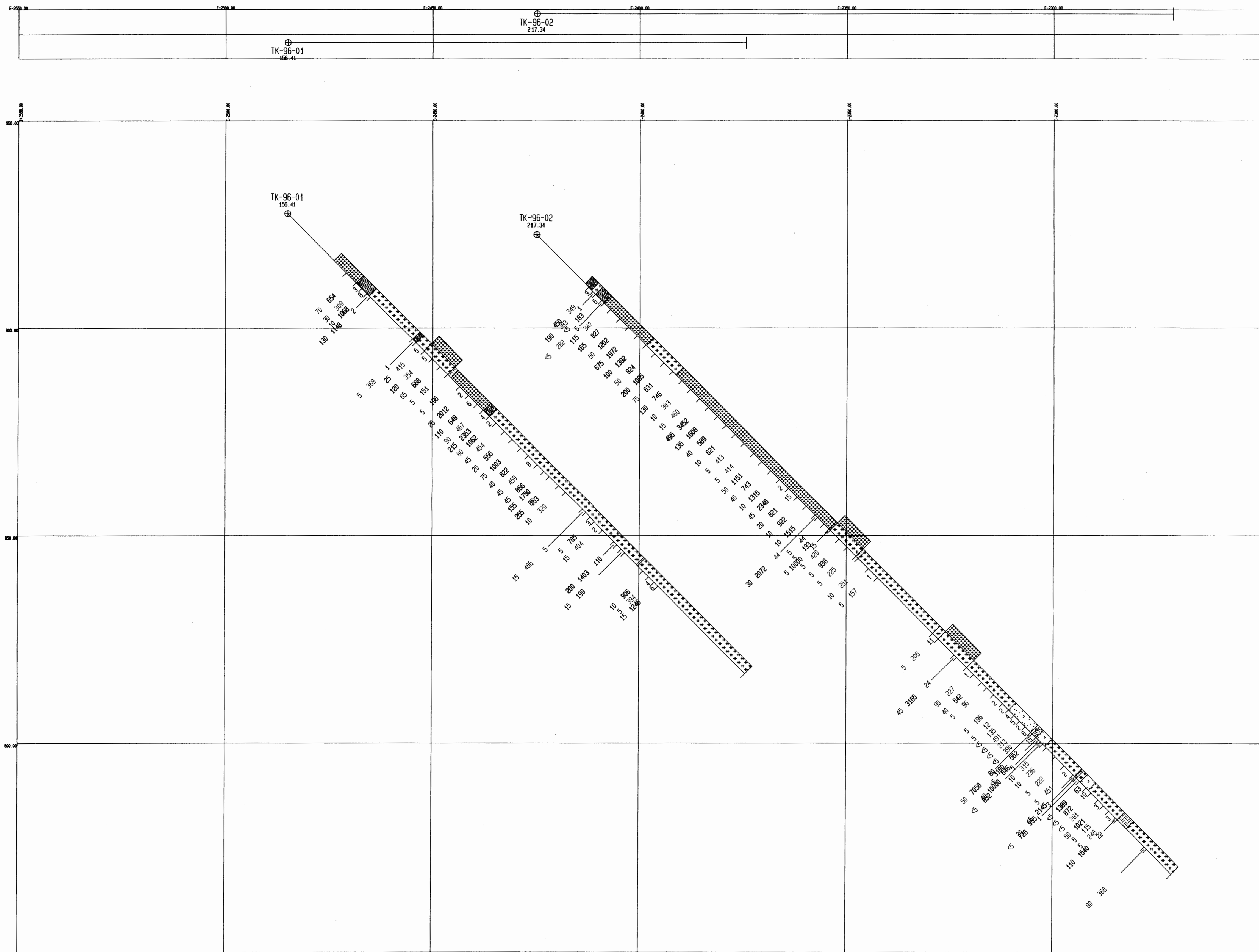
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,879

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LOCATION: KAMLOOPS, BRITISH COLUMBIA	
DATE: FEBRUARY, 1997	SCALE: 1 : 3000
DRAWN: _____	GEOLOGIST: _____
DATA: _____	DRAWING: Figure 4

24,879

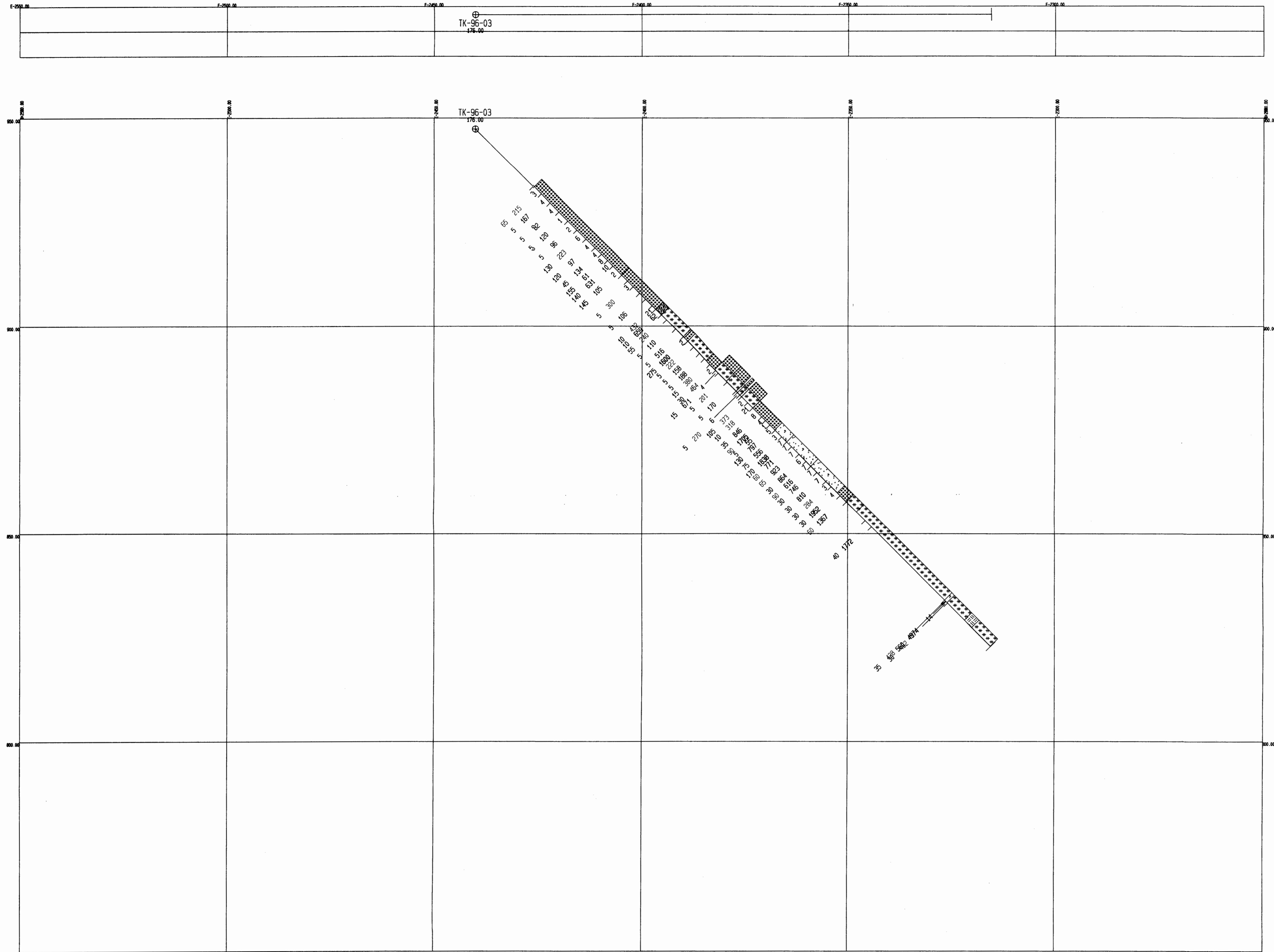


DIRECTION EAST

LEGEND

Gold (ppb) colour key	HOLE-ID
25 - 50 ppb Black	Secondary lithology or alteration
50 - 100 ppb Blue	Primary lithology or alteration
100 - 200 ppb Green	
200 - 500 ppb Red	
>500 ppb Magenta	
Copper (ppm) colour key	ASSAYS
100 - 200 ppm Black	Au (ppb)
200 - 500 ppm Blue	Cu (ppm)
500 - 1000 ppm Green	Mo (ppm)
1000 - 5000 ppm Red	
>5000 ppm Magenta	
Molybdenum (ppm) colour key	GEOLOGY KEY
10 - 25 ppm Black	OVERBURDEN
25 - 50 ppm Blue	DIORITE: weak to non-foliated
50 - 100 ppm Green	DIORITE: moderate to strongly foliated
100 - 500 ppm Red	POTASSIC: +/- silica alteration/flooding
>500 ppm Magenta	SILICA: +/- carbonate alteration
	MAFIC (Camprophyre) Dikes
	QUARTZ VEIN
	FAULT

24,879

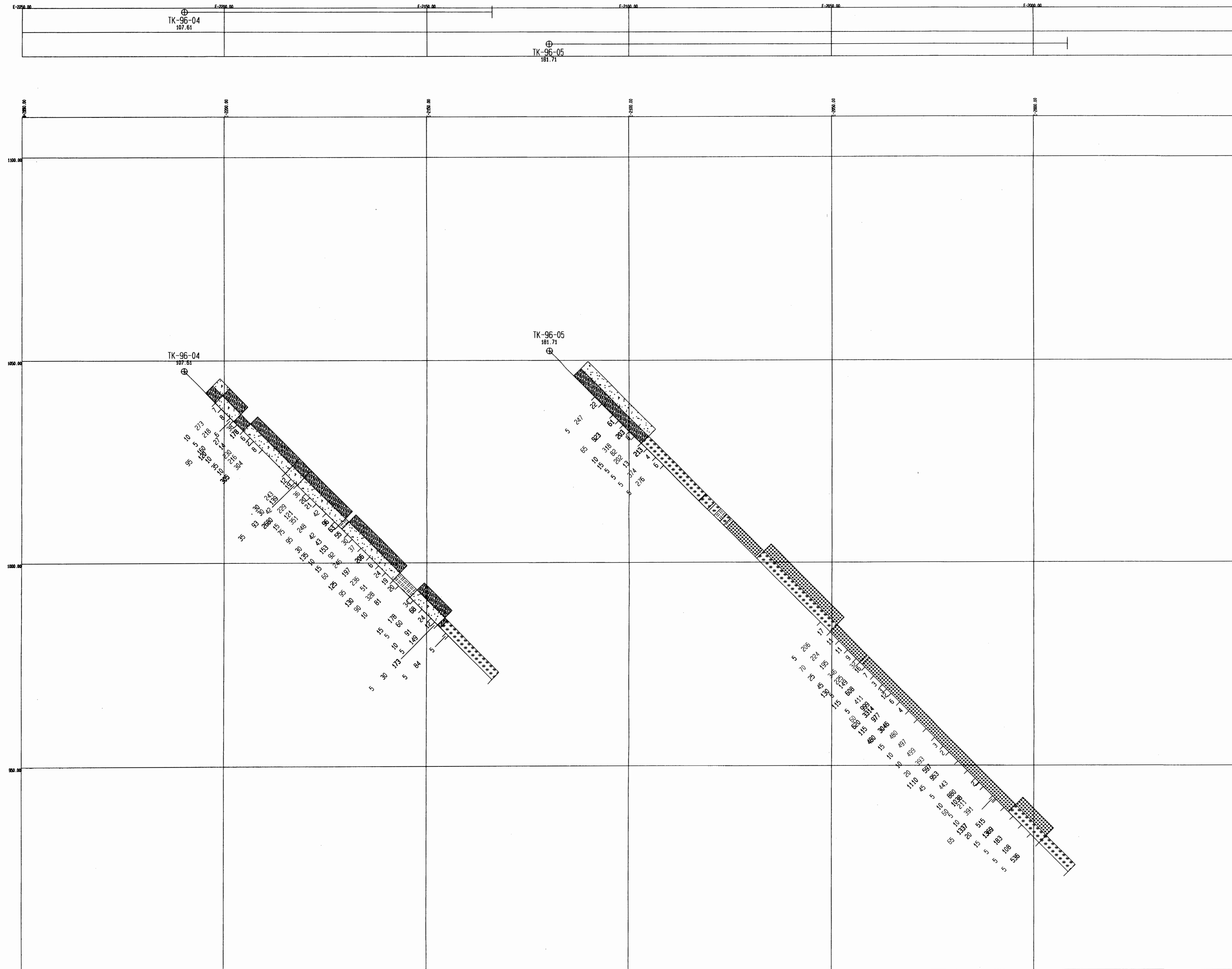


DIRECTION EAST

LEGEND

Gold (ppb) colour key	HOLE-10
25 - 50 ppb Black	Secondary lithology or alteration
50 - 100 ppb Blue	
100 - 200 ppb Green	Primary lithology or alteration
200 - 500 ppb Red	
>500 ppb Magenta	
Copper (ppm) colour key	ASSAYS
100 - 200 ppm Black	Au (ppb)
200 - 500 ppm Blue	Cu (ppm)
500 - 1000 ppm Green	Mo (ppm)
1000 - 5000 ppm Red	
>5000 ppm Magenta	
Molybdenum (ppm) colour key	GEOLOGY KEY
10 - 25 ppm Black	OVERBURDEN
25 - 50 ppm Blue	DIORITE: weak to non-foliated
50 - 100 ppm Green	DIORITE: moderate to strongly foliated
100 - 500 ppm Red	POTASSIC: +/- silica alteration/flooding
>500 ppm Magenta	SILICA: +/- carbonate alteration
	MAFIC (CAMPOPHYRE) DIKES
	QUARTZ VEIN
	FAULT

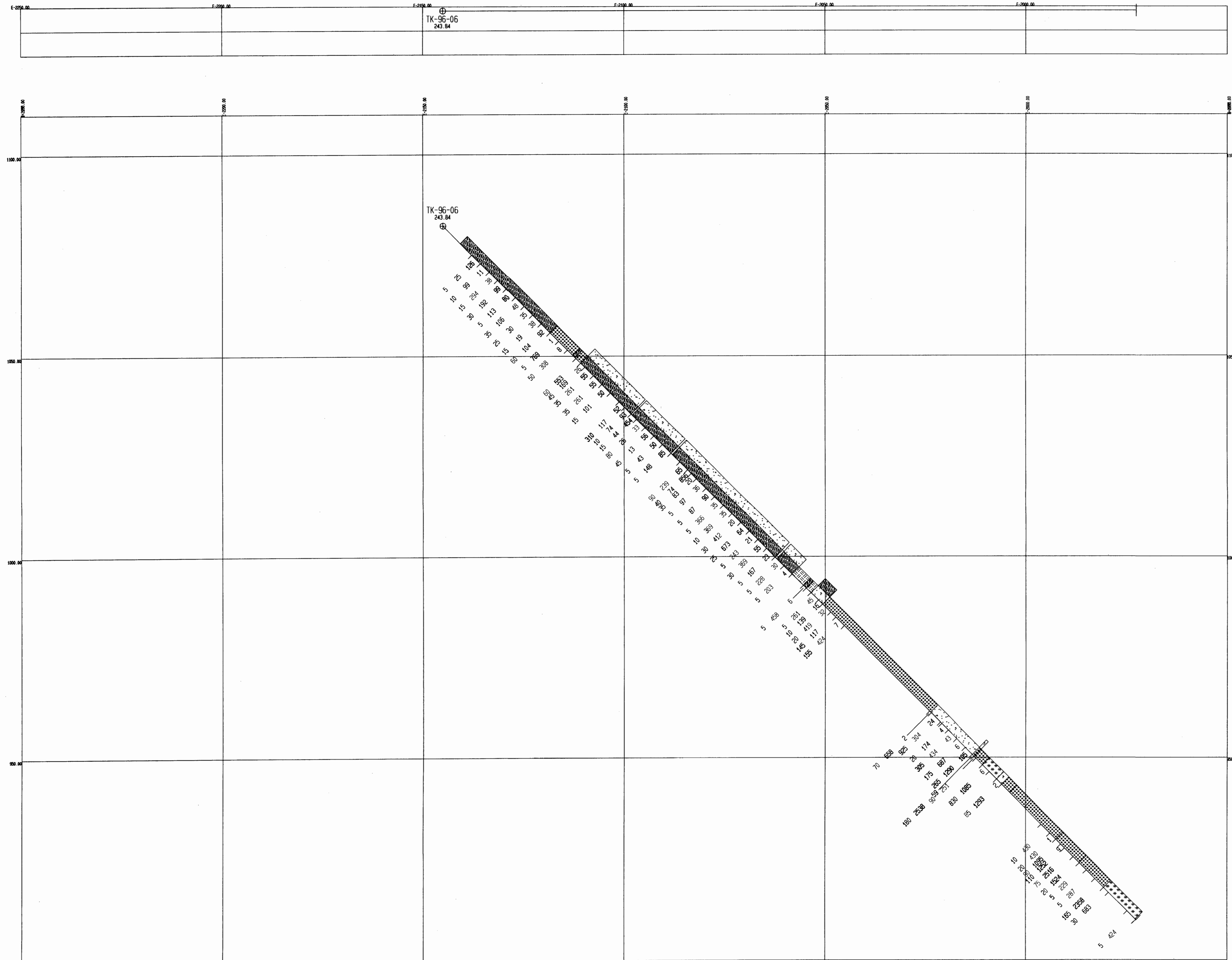
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DIRECTION EAST

LEGEND

Gold (ppb) colour key		
25 - 50 ppb	Black	
50 - 100 ppb	Blue	
100 - 200 ppb	Green	
200 - 500 ppb	Red	
500 - 1000 ppb	Magenta	
Copper (ppm) colour key		
100 - 200 ppm	Black	
200 - 500 ppm	Blue	
500 - 1000 ppm	Green	
1000 - 5000 ppm	Red	
>5000 ppm	Magenta	
Molybdenum (ppm) colour key		
10 - 25 ppm	Black	
25 - 50 ppm	Blue	
50 - 100 ppm	Green	
100 - 500 ppm	Red	
>500 ppm	Magenta	
ASSAYS		
Au (ppb)		
Cu (ppm)		
Mo (ppm)		
GEOLOGY KEY		
[Symbol]	OVERBURDEN	
[Symbol]	DIORITE: weak to non-foliated	
[Symbol]	DIORITE: moderate to strongly foliated	
[Symbol]	POTASSIC: +/- silica alteration/flooding	
[Symbol]	SILICA: +/- carbonate alteration	
[Symbol]	MAFIC (Camprophyre) Dikes	
[Symbol]	QUARTZ VEIN	
[Symbol]	FAULT	



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DIRECTION EAST

LEGEND

Gold (ppb) colour key
 25 - 50 ppb Black
 50 - 100 ppb Blue
 100 - 200 ppb Green
 200 - 500 ppb Red
 >500 ppb Magenta

Copper (ppm) colour key
 100 - 200 ppm Black
 200 - 500 ppm Blue
 500 - 1000 ppm Green
 1000 - 5000 ppm Red
 >5000 ppm Magenta

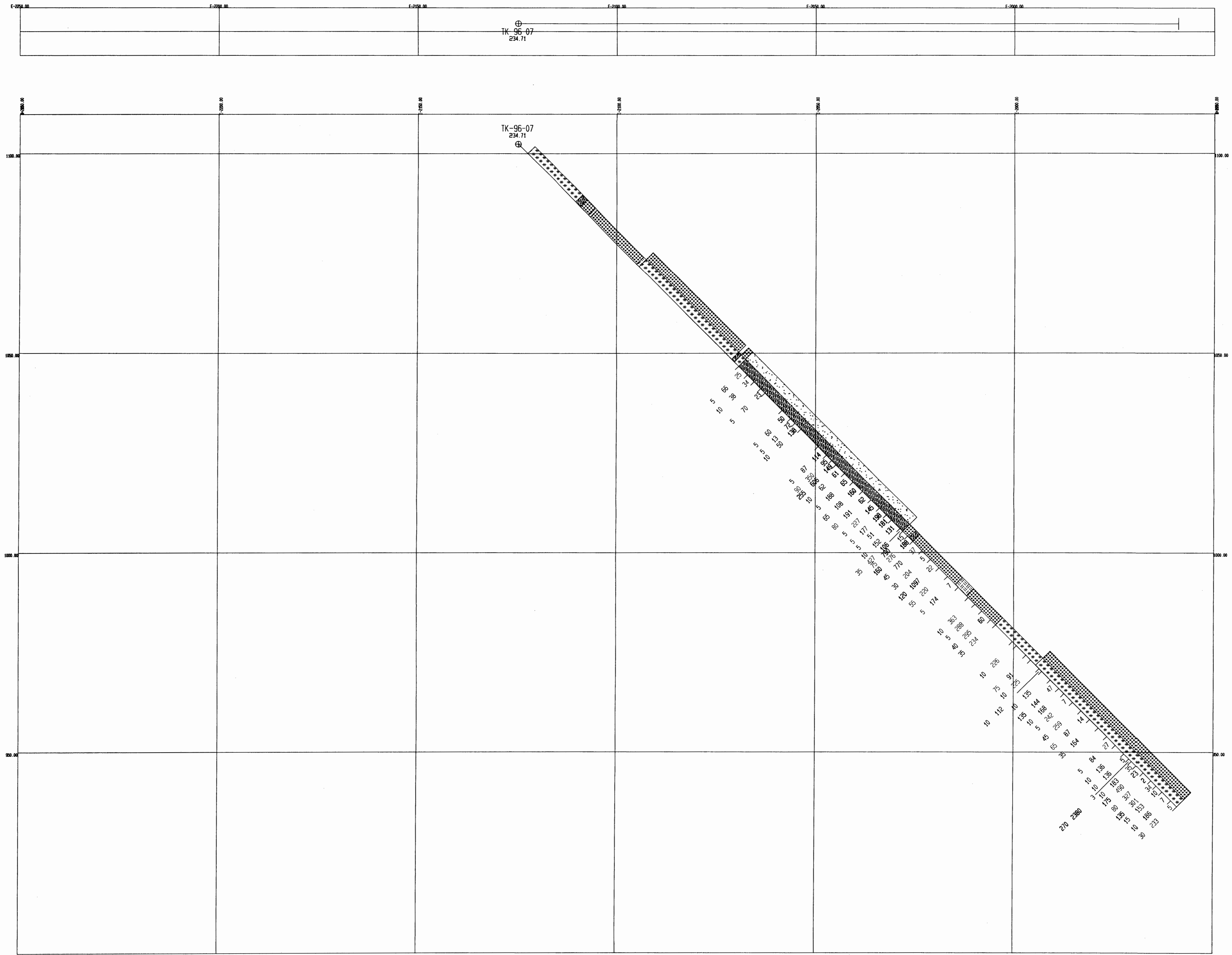
Molybdenum (ppm) colour key
 10 - 25 ppm Black
 25 - 50 ppm Blue
 50 - 100 ppm Green
 100 - 500 ppm Red
 >500 ppm Magenta

ASSAYS
 Au (ppb)
 Cu (ppm)
 Mo (ppm)

HOLE-ID
 T
 Secondary lithology or alteration
 Primary lithology or alteration

GEOLOGY KEY

OVERBANDEN
 DIORITE: weak to non-foliated
 DIORITE: moderate to strongly foliated
 POTASSIC: +/- silica alteration/flooding
 SILICA: +/- carbonate alteration
 MAFIC (Camprophyre) Dikes
 QUARTZ VEIN
 FAULT



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 DIRECTION EAST

LEGEND

Gold (ppb) colour key

25 - 50	ppb	Black
50 - 100	ppb	Blue
100 - 200	ppb	Green
200 - 500	ppb	Red
>500	ppb	Negenta

Copper (ppm) colour key

100 - 200	ppm	Black
200 - 500	ppm	Blue
500 - 1000	ppm	Green
1000 - 5000	ppm	Red
>5000	ppm	Negenta

Molybdenum (ppm) colour key

10 - 25	ppm	Black
25 - 50	ppm	Blue
50 - 100	ppm	Green
100 - 500	ppm	Red
>500	ppm	Negenta

ASSAYS

Au (ppb)
 Cu (ppm)
 Mo (ppm)

GEOLOGY KEY

- OVERBURDEN
- DIORITE: weak to non-foliated
- DIORITE: moderate to strongly foliated
- POTASSIC: +/- silica alteration/flooding
- SILICA: +/- carbonate alteration
- MAFIC (Canprophyre) Dikes
- QUARTZ VEIN
- FAULT

HOLE-ID

- Secondary lithology or alteration
- Primary lithology or alteration



LEGEND

CONTOUR INTERVALS
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—— 1000 nT

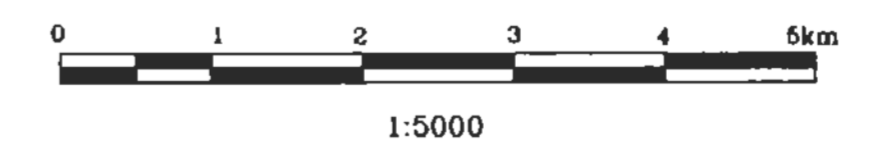
Station Separation: 12.5 metres

INSTRUMENT

EDA OMNI PLUS VLF/MAGNETOMETER SYSTEM

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ASSESSMENT REPORT

24,879



TECK CORPORATION

DRAWING TITLE:

**KENVILLE PROPERTY
NELSON MINING DIVISION**

**TOTAL FIELD
MAGNETIC CONTOURS**

LOCATION:

KAMLOOPS, BRITISH COLUMBIA

DATE: NOVEMBER, 1996

SCALE: 1 : 5000

DRAWN: D. DONALDSON

GEOLOGIST:

DATA:

DRAWING: #10





LEGEND

CONTOUR INTERVALS

- 2.5%
- 2.5%

Station Separation: 12.5 metres
Transmitter Station: Lualualei, Oahu, Hawaii
(NPM 21.4 kHz)

INSTRUMENT

EDA OMNI PLUS VLF/MAGNETOMETER SYSTEM

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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TECK CORPORATION

DRAWING TITLE:
KENVILLE PROPERTY
NELSON MINING DIVISION
VLF - EM
FRASER FILTER CONTOURS

LOCATION:
KAMLOOPS, BRITISH COLUMBIA

DATE: NOVEMBER, 1996	SCALE: 1 : 5000
DRAWN: D. DONALDSON	GEOLOGIST:
DATA:	DRAWING: #11



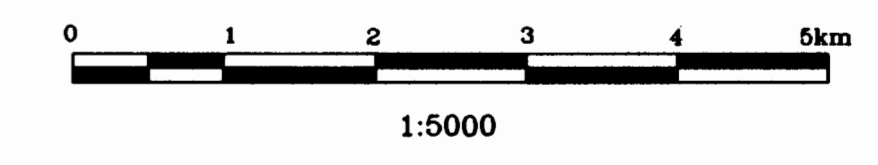
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT


24,879

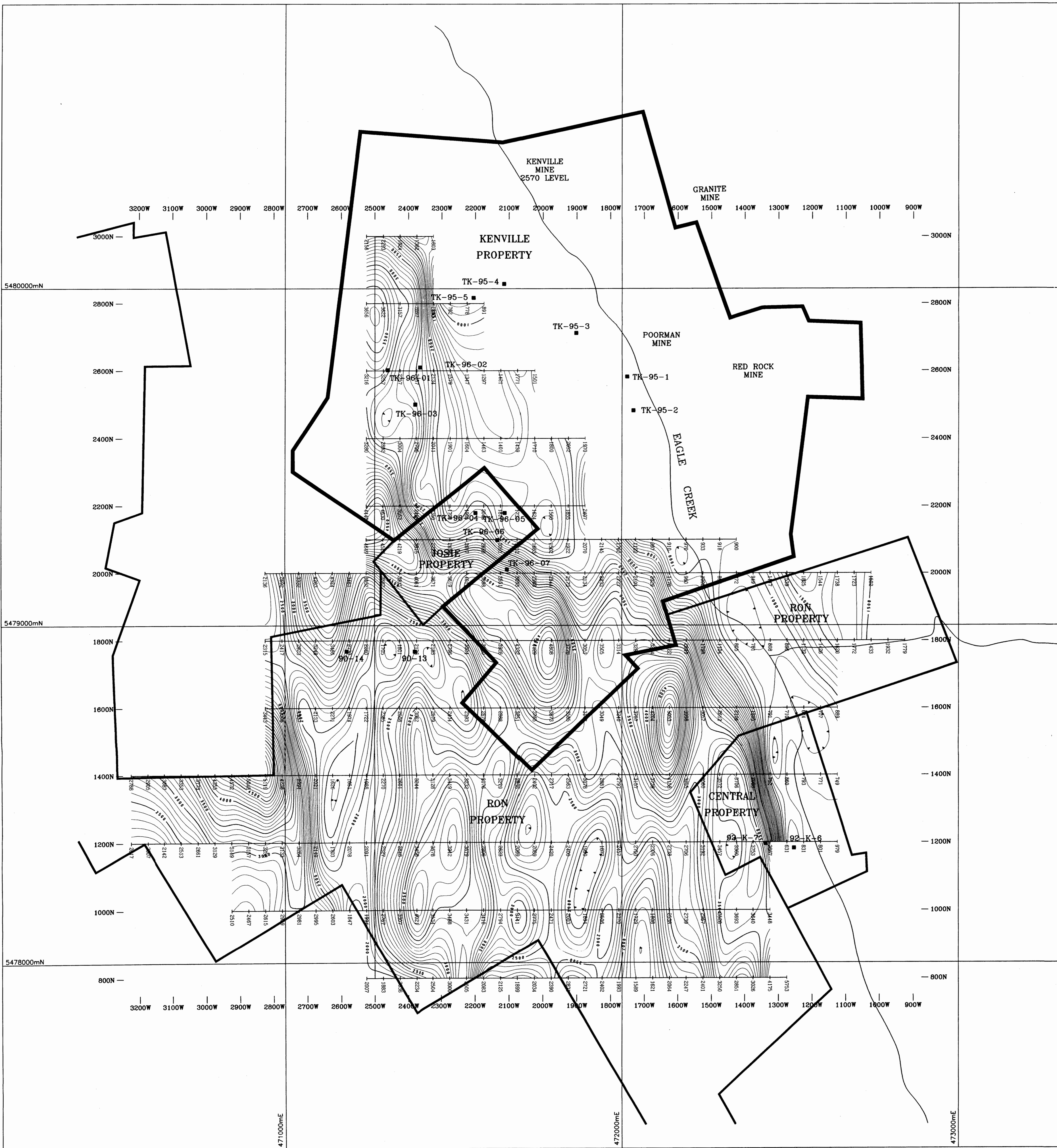
LEGEND

CONTOUR INTERVALS
————— 1 msec
————— 5 msec

Station Interval: 50 METRES
Current Electrode WEST of Potential Dipole



 TECK CORPORATION	
DRAWING TITLE: KENVILLE PROPERTY NELSON MINING DIVISION CHARGEABILITY 10 POINT TRIANGULAR FILTER	
LOCATION: KAMLOOPS, BRITISH COLUMBIA	
DATE: NOVEMBER, 1996	SCALE: 1 : 5000
DRAWN: D. DONALDSON	GEOLOGIST:
DATA:	DRAWING: #12



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,879

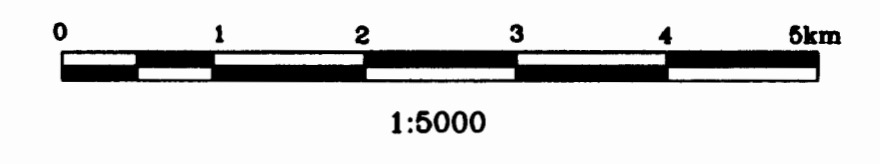
LEGEND

CONTOUR INTERVALS

- 100 ohm-m
- 500 ohm-m

Station Interval: 50 METRES

Current Electrode WEST of Potential Dipole



TECK CORPORATION

DRAWING TITLE:

**KENVILLE PROPERTY
NELSON MINING DIVISION
RESISTIVITY
10 POINT TRIANGULAR FILTER**

LOCATION:

KAMLOOPS, BRITISH COLUMBIA

DATE: NOVEMBER, 1996

SCALE: 1 : 5000

DRAWN: D. DONALDSON

GEOLOGIST:

DATA:

DRAWING: #13