GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL

ASSESSMENT REPORT

ON THE

MIDWAY PROPERTY

Greenwood Mining Division
NTS 82 E/2W
Lattitude 49°05'N Longitude 118°54'W

OWNER: James Robertson
Midas Management Inc.
306-850 W. Hastings Street
Vancouver, B.C
V6E 1E1

OPERATOR: Teck Corporation
1199 W. Hastings Street
Vancouver, B.C.
V6E 2K5

S. Jensen
November 1991
Kamloops, B.C.

SUMMARY

The Midway property consists of the Gram 1-5, RC 1-4, Bar 1-7 and Barf fraction mineral claims totalling 286 units. The property is located adjacent to the United States border, roughly 12 kilometres northwest of Midway, B.C.

The 1991 program consisted of 1:10,000 scale mapping with concurrent rock sampling. In addition, three grids were constructed; two for soil surveys and one for a magnetometer survey. The purpose of the program was to test for an economic gold deposit, in either a Permian magnetite skarn or Tertiary epithermal system. Aeromagnetic anomalies and favourable stratigraphy were the first target of mapping and prospecting. The program was carried out between April 24 and June 20.

1991 mapping and prospecting failed to identify exposures of economic gold mineralization. A large portion of the property is underlain by unmineralized Tertiary volcanics, intrusives and sediments. The Tertiary volcanics and intrusives are commonly magnetic and responsible for most of the aeromagnetic anomalies.

Two of the aeromagnetic anomalies are underlain by the favourable stratigraphy, Permian Knob Hill greenstones, that were hornfelsed and contained variable magnetite, epidote, hematite and calcite. Detailed rock sampling within these two areas did not return significant gold results. A grab sample and a follow-up chip sample of a weakly pyritic and clay altered chert returned values of 1.09 and 1.22 g/t Au, respectively. Additional rock sampling in the immediate vicinity failed to extend the anomalous results.

Two soil surveys, carried out on the 'Bear' and 'Upper Bubar Creek' grids, failed to reveal anomalous precious metal zones. The 'Bear Grid' soil survey attempted to trace the two anomalous gold rock samples described above, while the 'Upper Bubar Creek' grid covered an area of previous weak gold soil anomalies.

The ground magnetometer survey was carried out over the Tick Grid, on a flank of one of the aeromagnetic anomalies, in order to better define the magnetic profile. The results were narrow, discontinous northeast trending linear magnetic anomalies related to magnetite destruction along Tertiary faults.

RECOMMENDATIONS

No further work is recommended on the Midway property at this time due to :

1) Lack of significant gold mineralization, near surface.
2) Lack of favourable skarn development within the Knob Hill greenstones.
3) Lack of epithermal system development.

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

APPENDICES

1. INTRODUCTION

During 1991, a program consisting of 1:10,000 scale mapping, concurrent rock sampling, grid soil sampling and limited ground magnetics was carried out on the Midway property. The program was designed to evaluate the potential for an economic gold deposit, in either Au-bearing magnetite skarns or epithermal systems.

Regional mapping and prospecting concentrated on the bullseye-type magnetic anomalies outlined on the government aeromagnetic maps. Detailed mapping and rock sampling was concentrated within the favourable host stratigraphy for gold bearing magnetite skarn development.

Two soil grids were constructed and sampled to test the potential for a gold-gearing epithermal system. A magnetometer survey was undertaken on the Tick Grid in order to define the distribution of magnetite within hornfelsed greenstone.

This report describes the program and results.

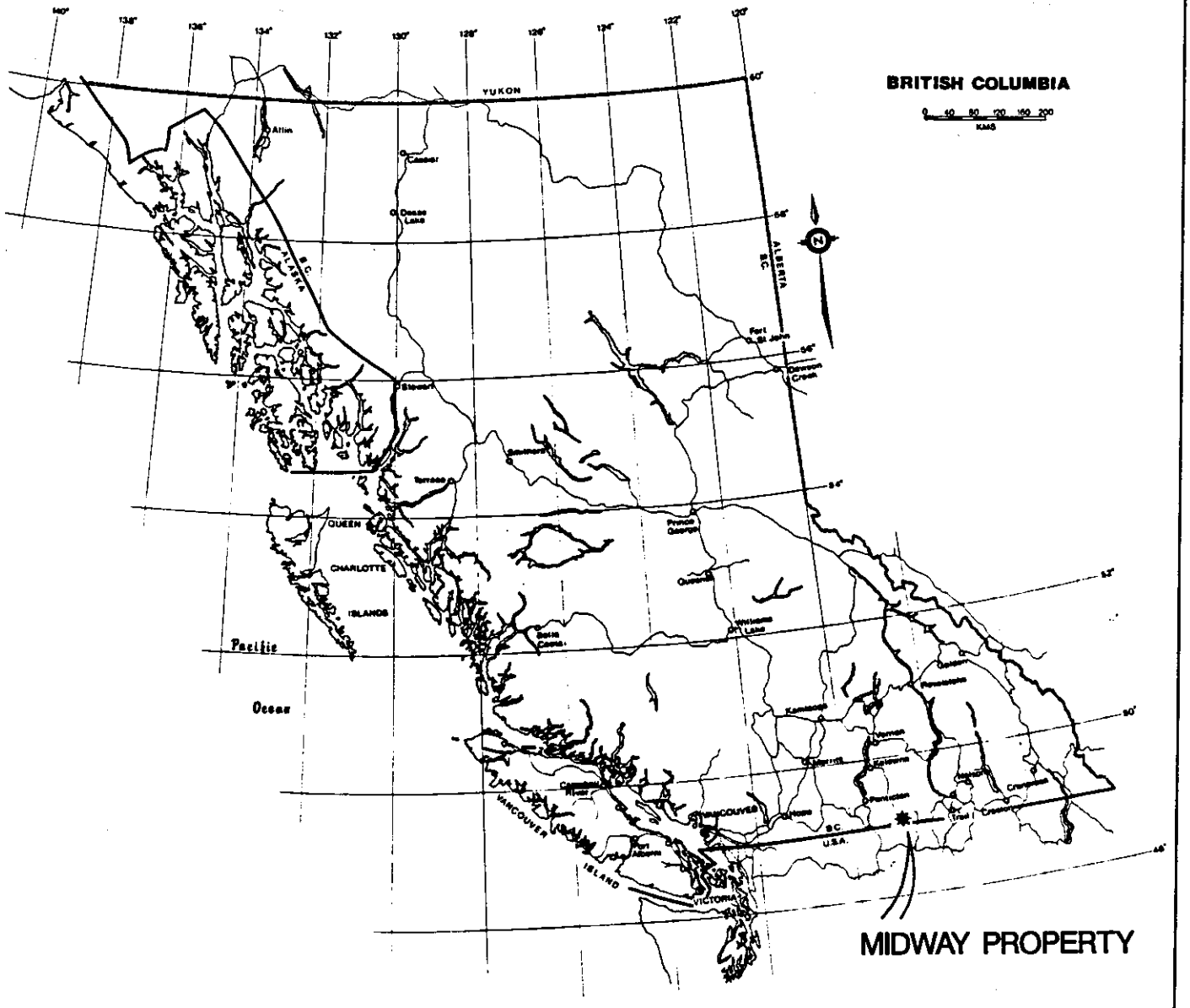
2. LOCATION AND ACCESS (Figures 1, 2)

The Bar, Gram, and RC mineral claims are located approximately 12 kilometres northwest or 7 kilometres northeast of the towns of Midway and Rock Creek, respectively, in southern British Columbia. The claims are located adjacent to the United States border with the Kettle River transecting the southern property area. The property is located on NTS map sheet 82E/2W, with an approximate property centre at latitude and longitude of 49° 05'N and 118° 54'W, respectively.

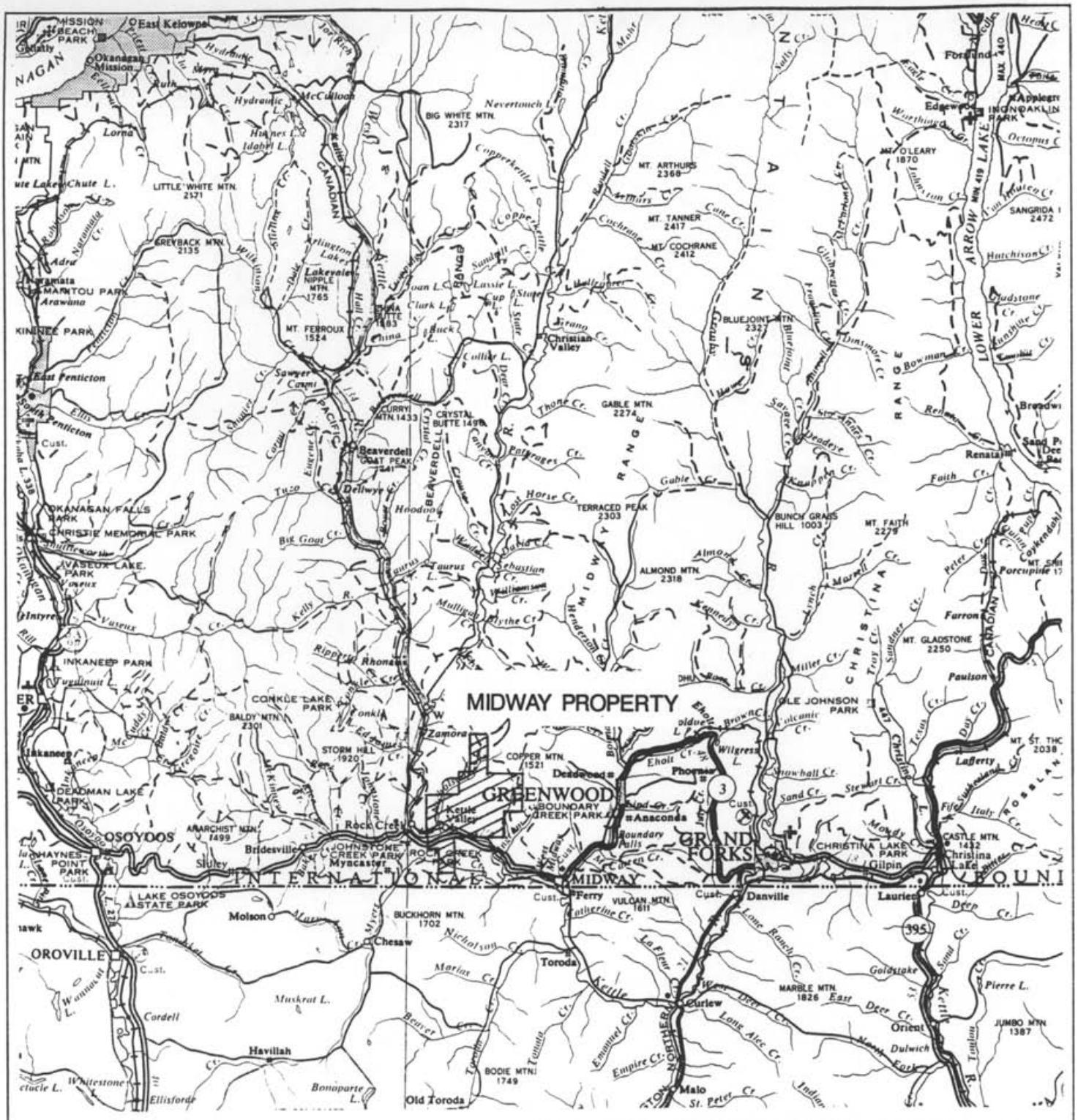
The property is easily road accessible from Midway or Rock Creek via Highway 3. The Ingram and Nicholson Creek Forestry roads located 8 and 15 kilometres west of Midway, provide well maintained gravel road access to the eastern, western and northern portions of the claims. The Upper Bubar Creek road branches off the Ingram Creek road 6 kilometres north of Highway 3 and provides access to the central property area. A complex network of secondary logging and ranch roads provide further access to much of the claims.

3. TOPOGRAPHY AND VEGETATION

Topography on the property is variable, ranging from gently rolling hills to steep rocky bluffs.



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



0 6 12 18

KILOMETRES

N

TECK EXPLORATION LTD

LOCATION MAP

MIDWAY PROPERTY

SCALE 1 : 600,000 | FIGURE 2

Elevations range from 4700 feet (1450 metres) in the northeastern claim area to 2000 feet (610 metres) in the southern property region along the Kettle River valley.

Vegetation is thick to open and consists predominantly of mature spruce, pine and other mixed conifers. Underbrush is generally thin to moderate and consists mostly of grass with locally thick underbrush. A large portion of the southern property area is open rangeland and used as pasture for cattle.

4. CLAIMS (Figure 3)

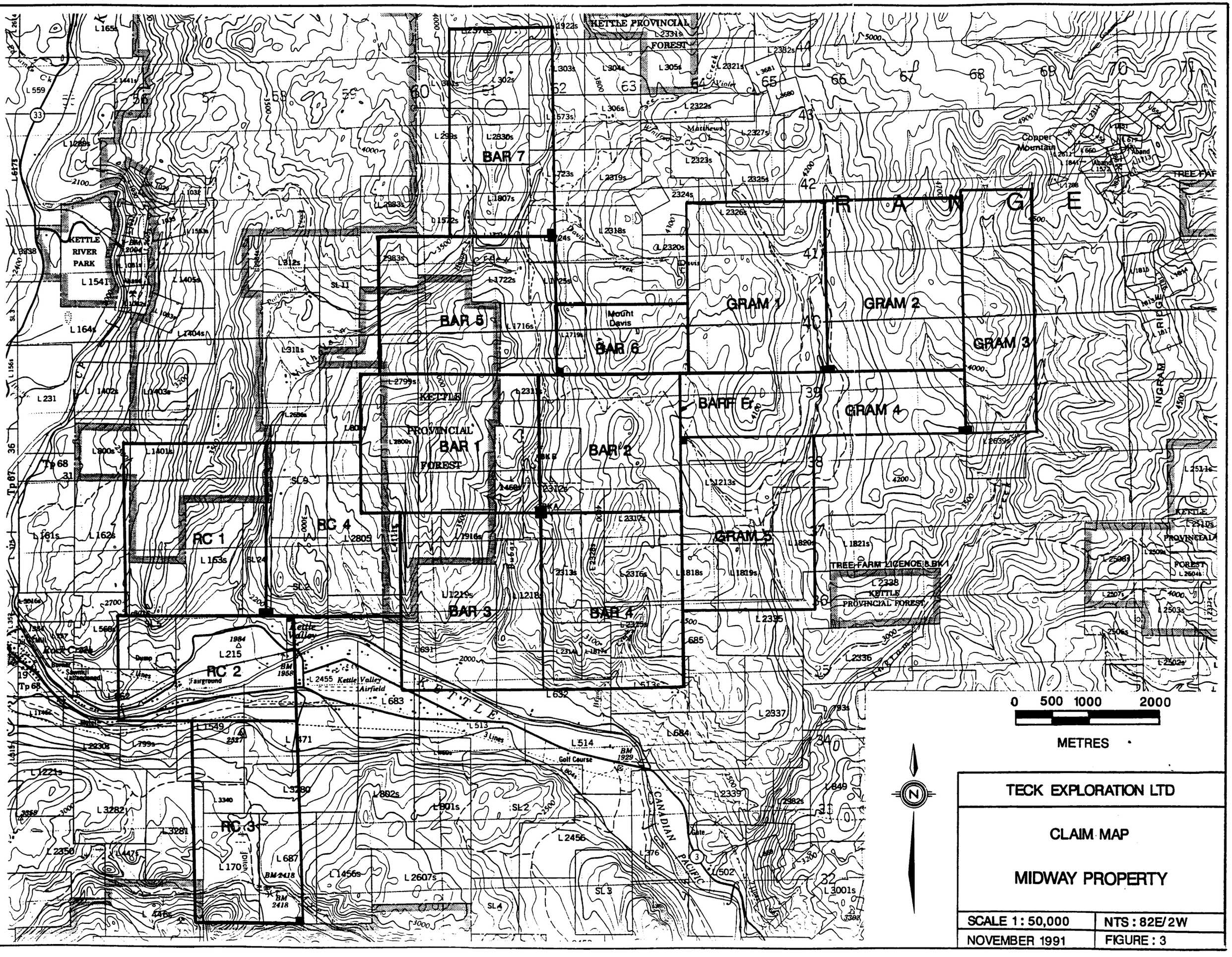
The property, located in the Greenwood Mining Division, consists of the RC 1-4, Gram 1-5, Bar 1-7 and Barf fraction mineral claims totalling 286 contiguous units (≈ 7,150 hectares). The claims were grouped as follows : RC 1-4, Bar 3 (total 93 units) as the RC Group; Bar 1,2,4,5,7,Barf Fr. (total 95 units) as the Bar Group and Gram 1-5, Bar 6 (total 98 units) as the Gram Group. The claims are registered in the name of Teck Corporation held in trust for James Robertson. The following table lists all pertinent claim data.

TABLE 1

CLAIM RECORDS

Claim Name	Record No.	Units	Record Date	Expiry Date *
Bar 1	215564	20	March 8, 1990	March 8, 1994
Bar 2	215565	16	March 4, 1990	March 4, 1994
Bar 3	215566	20	March 5, 1990	March 5, 1994
Bar 4	215567	20	March 4, 1990	March 4, 1993
Bar 5	216001	20	Jan. 23, 1991	Jan. 23, 1995
Bar 6	216002	8	Jan. 23, 1991	Jan. 23, 1994
Bar 7	216003	18	Jan. 24, 1991	Jan. 24, 1995
Barf Fr.	216004	1	Jan. 24, 1991	Jan. 24, 1994
Gram 1	215560	20	March 7, 1990	March 7, 1994
Gram 2	215561	20	March 8, 1990	March 8, 1993
Gram 3	215562	14	March 8, 1990	March 8, 1993
Gram 4	215563	16	March 7, 1990	March 7, 1993
Gram 5	215999	20	Jan. 22, 1991	Jan. 22, 1993
RC 1	215557	20	March 9, 1990	March 9, 1993
RC 2	215558	15	March 11,1990	March 11,1993
RC 3	215559	18	March 11,1990	March 11,1993
RC 4	216000	20	Jan. 20, 1991	Jan. 22, 1993
		Total 286 Units		

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



TECK EXPLORATION LTD

CLAIM MAP

MIDWAY PROPERTY

SCALE 1 : 50,000	NTS : 82E/2W
NOVEMBER 1991	FIGURE : 3

5. PREVIOUS WORK and HISTORY

The Greenwood area has had a long and successful history of gold and copper mineral production since the 1890's. Most of the production has come from Triassic Brooklyn and Permian Knob Hill hosted copper and gold bearing magnetite skarn deposits (Phoenix, Motherlode, Oro Denoro, Emma, Greyhound) and to a lesser extent epithermal quartz veins from various lithologies (Jewel, Winnipeg, Keno). The Greenwood camp is rated sixth in B.C. in terms of gold production with over 1 million ounces being produced.

Active exploration programs adjacent to the Midway Property were undertaken by Battle Mountain, Minnova, Canamax, Dentonia Resources and local geologists and prospectors.

Gold exploration in the Greenwood District has been intensified by the recent successes located in northern Washington State. They include Au-bearing magnetite skarns and magnetite replacement deposits, and epithermal Au veins. The Crown Jewel deposit is a Permian hosted magnetite skarn deposit located approximately 12 kilometres southwest of the Midway property on Buckhorn Mountain, just west of the Turoda Graben. Current reserves are 5.5 mt of .106 opt Au (mineable) and 8.3 mt of .102 opt Au (geological) with Battle Mountain currently defining additional reserves. The Permian hosted Overlook and Key deposits, located along the eastern edge of the Republic Graben, are magnetite replacement deposits cut by pyrrhotite and quartz-pyrrhotite veins. The Overlook contains 3.3 mt grading 0.17 opt Au and the Key East and West deposits collectively contain 1 mt grading 0.18 opt Au. Tertiary epithermal veins and stockworks of the Republic District are located along the west margin of the Republic Graben, a large scale N-S extensional feature. Through 1985, production in the district has resulted in about 2.4 million ounces of gold averaging 0.56 opt Au. Hecla Mining has defined reserves of about 1 mt averaging 1.0 opt Au on the Golden Promise epithermal deposit.

The property area has received only minor exploration work in the past. There is no record of work on the Gram claims. One program on the RC claims was a grid-based scintillometer and rock geochemical survey carried out in 1977 by Wespas Resources Ltd. The target was uranium and no significant anomalies were revealed.

The Bar 2 and 4 claim area was previously covered by a wide spaced grid in which 400 soil samples were collected and a magnetometer/VLF survey undertaken. This 1983 work for Prominent Resources Corp. identified seven spot gold anomalies in the 50-150 ppb Au range as well as outlining several north-south linear magnetic anomalies.

In 1984, Rand Resources carried out a geological, VLF-EM, and soil geochemical survey over a portion of the RC 3 claim. Three spot gold anomalies in the 140 ppb Au range were identified from 150 soil samples collected.

The present day RC, Bar, and Gram claims were staked in 1990 and 1991 by Amex Exploration for James Robertson. They were staked to cover favourable geological, structural, and aeromagnetic targets.

Initial rock, soil, and silt reconnaissance surveys were undertaken by C.J. Westerman and R. Farmer on the Gram 1-4, RC 1-3, and Bar 1-4 claims in the fall of 1990 and spring of 1991. The program was preliminary in nature; the purpose being to identify anomalous areas that might require immediate follow-up and thus help concentrate the 1991 program undertaken by Teck Exploration Ltd. The results of this program are described in assessment report #'s 21280-21282. In total 294 soils, 27 rock, and 16 silt (14 heavy mineral) samples were collected. The only anomalous rock sample from the RC claims was a weak lead (162 ppm) value in a Tertiary volcanic sample.

The Gram claims returned several anomalous results in rocks, soils, and a silt. In the northern Gram 1 claim area, 2 rock samples from a magnetite-epidote-hematite hornfelsed greenstone ran weak copper (412 and 276 ppm Cu). A heavy mineral silt sample from a creek in the southern Gram 1 area returned a value of 212 ppb Au. In the southwestern Gram 2 area (proximal to the anomalous silt) 3 road-bank soils returned weak (up to 57 ppb Au) gold values.

The Bar claims also hosted several weakly anomalous results. In the northern Bar 2 claim, a malachite stained chert returned 108 ppm Cu with a nearby road-bank soil running 173 ppb Au. Two other road-bank soils in the Bar 2 area returned weak gold (up to 236 ppb Au). In the Bar 3 claim, a heavy mineral silt from Bubar Creek ran 365 ppb Au. Three adjacent soils and 2 rock samples from quartz-ankerite altered float boulders were anomalous in Ni, Cr, As, and Co.

6. 1991 PROGRAM

In 1991, 101 mandays were spent on the Midway property between April 24 and June 20. The program consisted of 1:10,000 geological mapping and concurrent rock chip sampling, soil sampling and a limited ground magnetic survey.

A total of 121 rock chip samples were collected as part of the mapping program. Two selected areas received soil grid coverage totalling 8.15 line km's with 283 soils being collected. In addition, a

magnetometer survey totalling 10.15 line km's was undertaken in the Bar 7 claim. Grid locations are shown on Figure 4.

Mapping was done by topofil, compass and altimeter. Outcrop exposure on the property is generally good, with a network of ranching and logging roads providing valuable access.

7. GEOLOGY

A. Regional Geology (Figure 5)

The Greenwood region has been mapped on several occassions by the federal and provincial governments since the turn of the century. The two most recent mapping projects are 'Geology of the Greenwood Map-Area' by H. Little of the GSC in 1983 (Paper 79-29) and 'Geology of the Greenwood-Grand Forks Area' by J. Fyles of the B.C. MEMPR in 1990 (Open File 1990-25).

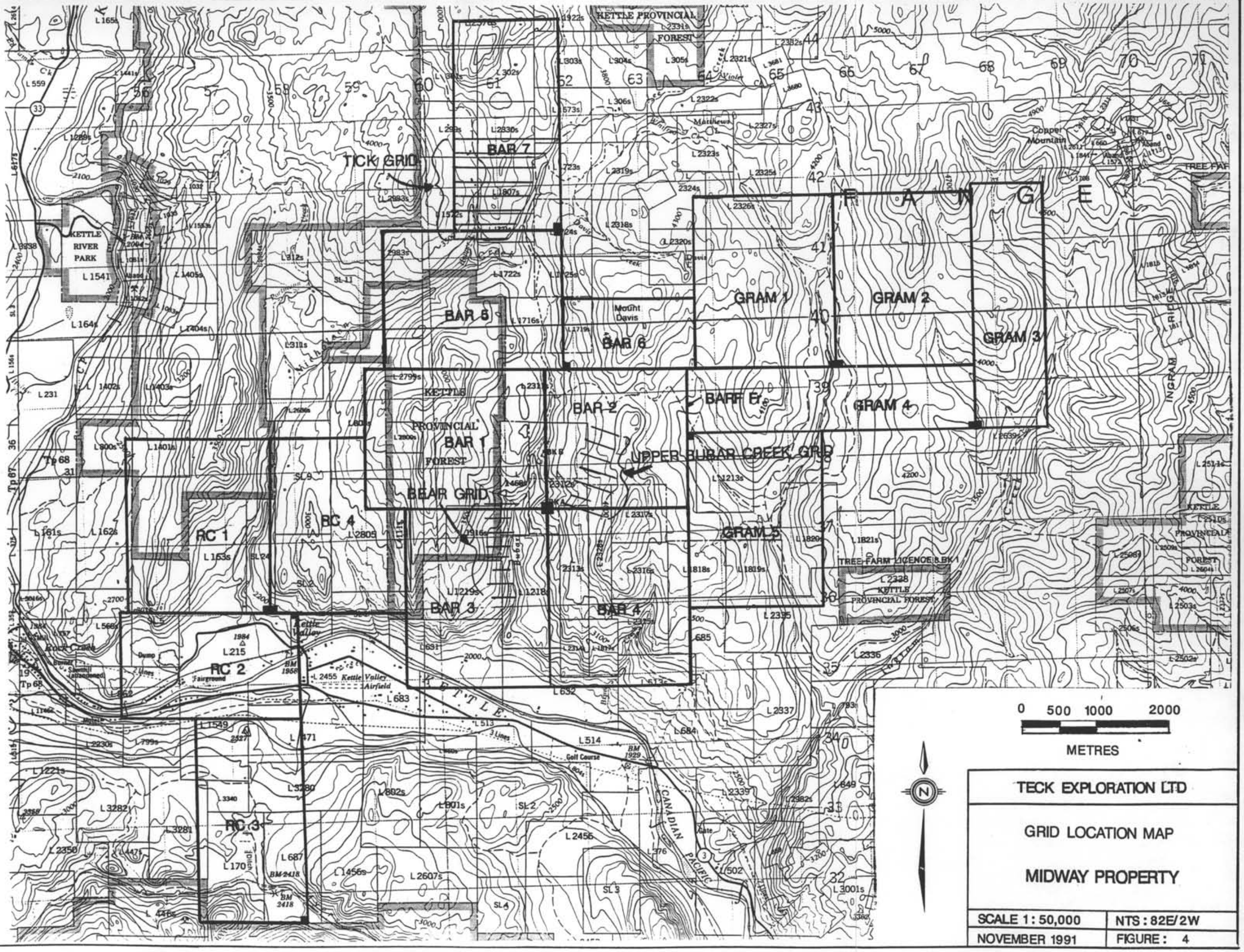
This work indicates the Midway property is underlain by Permian metavolcanics and metasediments of the Knob Hill Group, Triassic sediments of the Brooklyn Formation, ultramafic intrusions of uncertain age, and Cretaceous to Tertiary quartz-feldspar intrusions. A majority of the property is covered by Eocene volcanics and clastic sediments of the Marron and Kettle River Formations, respectively.

The Knob Hill and Brooklyn members generally strike east-west and have been regionally metamorphosed to lower greenschist facies. Knob Hill rocks are predominantly greenstones and chert while sharpstone conglomerate and limestone comprise most of the Brooklyn exposures.

Andesitic basalts to trachytes comprise the Marron Formation while sandstones, siltstones and mudstones make up the Kettle River Formation.

Structurally, the Greenwood area is dominated by a complicated array of Tertiary extension faults. Three different sets have been recognized, with north-northeast trending high angle normal faults, between which blocks are tilted eastward, being the dominant structural feature. The Eocene extensional faults are the northern continuations of the dominant Toroda and Republic grabens located immediately south, across the United States boundary. The Midway property is located at the north end of the Toroda Graben and the south end of the Kettle River Graben.

The region has had a long and prosperous mining history since the turn of the century. Gold-


KETTLE PROVINCIAL FOREST
TICK GRID
BAR 7
BAR 5
BAR 6
BAR 2
BAR 1
BEAR GRID
BAR 3
BAR 4
GRAM 1
GRAM 2
GRAM 3
GRAM 4
GRAM 5
BARR 6
UPPER BUBAR CREEK GRID
RC 1
RC 2
RC 3
RC 4
KETTLE RIVER PARK
L 1541
Copper Mountain
Mount Davis
Kettle Valley Airfield
Golf Course
Fairground
CANADIAN PACIFIC
TREE FARM LICENCE 8 BK 1
KETTLE PROVINCIAL FOREST
INGRAM
FREEMAN
TREE FARM
0 500 1000 2000
METRES
TECK EXPLORATION LTD
GRID LOCATION MAP
MIDWAY PROPERTY
SCALE 1 : 50,000
NTS : 82E/2W
NOVEMBER 1991
FIGURE : 4

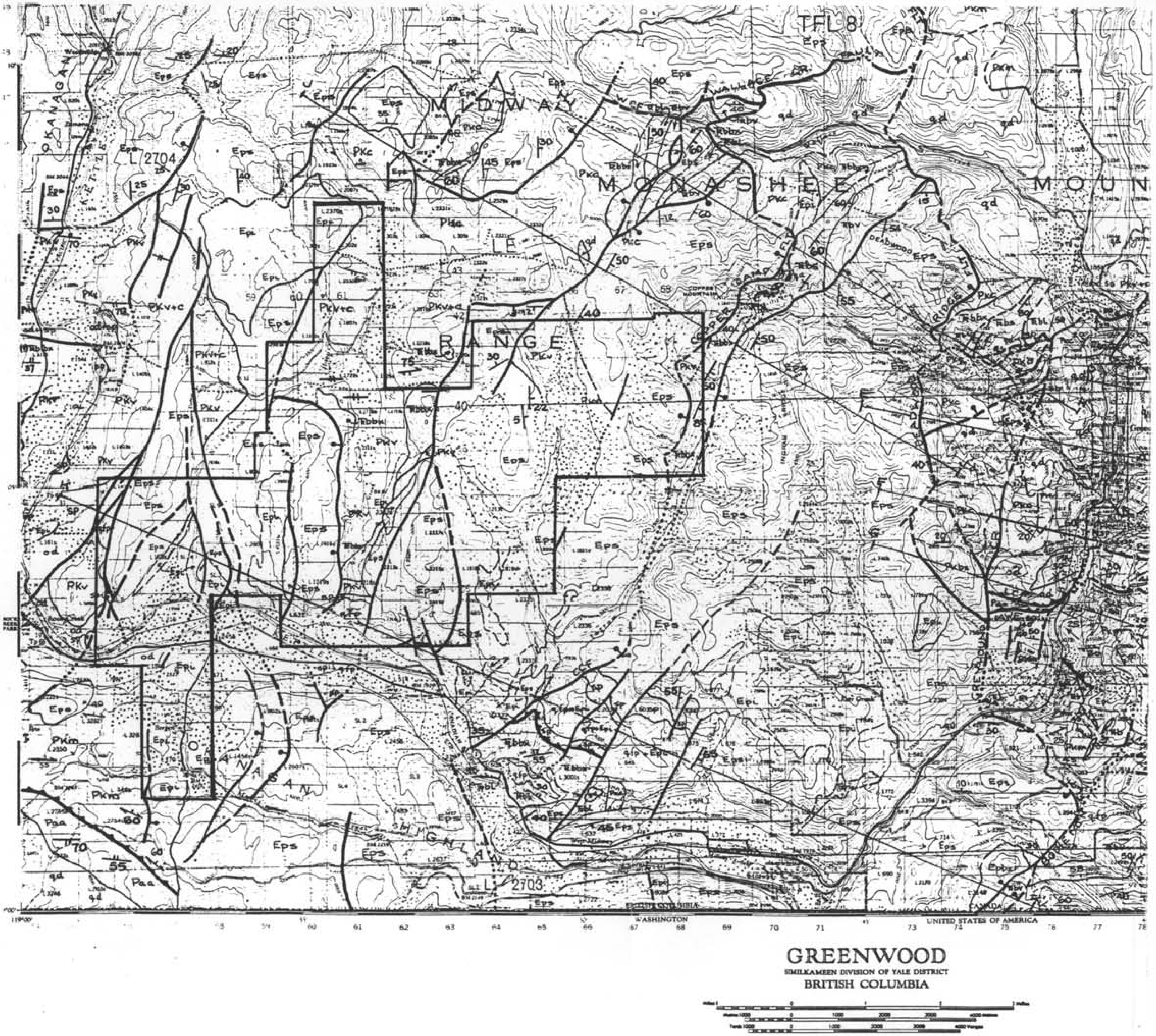
OPEN FILE 1990-25

Figure 1

GEOLOGY OF THE GREENWOOD - GRAND FORKS AREA, BRITISH COLUMBIA

NTS 82E/1 & 82E/2

Geology by James T. Fyles, 1981-1989.
Tertiary geology of the west half modified from Little (1983)



LEGEND

TERTIARY

PENTICTON GROUP (Ep)

i	Dikes, sills and intrusions of syenite, pulaskite, monzonite and diorite.(Coryell Intrusions).
s	Stratiform Units-volcaniclastic and arkosic sediments (Kettle River fm), flows of andesite, trachyte and phonolite (Marron fm).
bx	Slide breccia.

JURASSIC AND CRETACEOUS

NELSON PLUTONIC ROCKS

qd	Quartz diorite and granodiorite
d	Diorite
g	Gabbro

LEXINGTON INTRUSIONS

qfp	Quartz feldspar porphyry, quartz porphyry and porphyritic diorite

TRIASSIC

BROOKLYN FORMATION (Ћb)

v	Fragmental greenstone and related microdiorite.
l	Limestone, calcareous sandstone and conglomerate, minor skarn.
s	Green and maroon tuffaceous sandstone, siltstone and hornfels.
a	Dark grey to black siltstone.
bx	Chert breccia,and minor tuff, tuffaceous sandstone and maroon and green limestone cobble conglomerate

CARBONIFEROUS OR PERMIAN

ATTWOOD GROUP (Pa)

a	Black siltstone and phyllite, cherty siltstone, minor sandstone,conglomerate and greenstone.
l	Grey and white limestone, cherty limestone and minor white dolomite
v	Andesite

KNOB HILL GROUP (Pk)

c	Chert, grey argillite, siliceous greenstone and minor limestone.
v	Greenstone, pillow lava and breccia, amphibolite and minor limestone
bx	Chert breccia and conglomerate
m	Grey and green schist and phyllite, buff to white quartzite, minor crystalline limestone, white dolomite, fine grained calc-silicate gneiss, quartz biotite gneiss and amphibolite.
od	Old diorite complex-coarse to fine-grained hornblende diorite laced with felspathic veinlets.
sp	Serpentinite and listwanite.

GRAND FORKS GROUP (Preto,1970)

Id	Sillimanite and/or biotite paragneiss
V	Fine grained hornblende schist and amphibolite
IX	Granodiorite gneiss
X	Crushed and mylonitized quartz monzonite

AREAS WITH LITTLE OR NO OUTCROP

GEOLOGICAL CONTACT
Located, Approximate, Assumed or Gradational

FAULT
Low dip
Steep dip
Thrust

25 — TREND AND PLUNGE OF FOLD AXES AND LINEATIONS

30 — ATTITUDE OF FOLIATION

ATTITUDE OF BEDDING

TECK EXPLORATION LTD	
REGIONAL GEOLOGY MIDWAY PROPERTY	
SCALE 1: 100,000	NTS: 82E/2W
NOVEMBER 1991	FIGURE: 5

bearing magnetite skarns of Permian and Triassic age dominate (Phoenix, Motherlode) with epithermal quartz veins also contributing to a long and successful production history. The reader can refer to the 'Previous Work and History' section for a more complete description of the mining and production summary of the area.

B. Property Geology (Figures 6a,6b)

The Midway property area can be divided into 6 major formations or groups with numerous mappable subunits within each (see Figures 6a,6b - Property Geology). Tertiary rocks cover the largest portion of the property (≈70%) and generally strike northeast and dip to the east. The Permian Knob Hill and Middle Triassic Brooklyn rocks generally have bedding attitudes (where measurable) striking east-west and dipping north.

The Tertiary rocks consist of the Marron volcanics, their intrusive equivalents and the underlying Kettle River sediments. Clearly the most abundant rocks are the Marron intermediate to mafic volcanics which occupy large portions of the entire property area, most notably on topographic highs (ridges, bluffs). The distinctive Kettle River sediments are found across most of the property, although lot less abundant in exposure than the resistant and thick ridge forming volcanics. Sediments usually occur as thin and discontinous wedges below the overlying Marron volcanics. The Tertiary intrusives are also found across the entire property, with their greatest abundance in the RC 3 and 4 claims. They commonly occur along the Tertiary extensional faults, at the base of the Tertiary lithologies. Tertiary volcanics and intrusives are often found to be magnetic and thus probably responsible for most of the aeromagnetic anomalies found on the property.

The Cretaceous to Tertiary quartz-feldspar porphyry to feldspar porphyry is found to be limited in exposure. The main outcrop zone occupies the banks of lower Bubar Creek within the Bar 3 claim of the southcentral property area. The other area of exposure is the extreme western property boundary (RC 1 claim) region. In both instances the intrusions are spatially associated with quartz-ankerite alteration zones.

The Knob Hill and Brooklyn rocks are concentrated along creek valleys where exposure of the older rocks is more common.

The Middle Triassic Brooklyn Formation sharpstone conglomerate rocks are concentrated along the east side of lower Bubar Creek where they trend discontinuously northeast to the Bar 6 claim, the area of greatest conglomerate exposure. Sharpstone rocks are also identified in the central Gram 1 claim and the

eastern property boundary within the Gram 3 claim. The distinctive limestone pebble conglomerate unit is found in the central Gram 1 claim area, proximal to the sharpstone and limestone rocks.

The Knob Hill cherts and greenstones are exposed predominantly along Bubar Creek, upper Nicholson Creek and Hopper Creek in a north trending fashion from the southern to northern property boundaries. The Bar 7 claim (includes the Tick Grid), located on a ridge between upper Nicholson and Hopper Creeks, is host to a large area of hornfelsed greenstone. Hornfelsed greenstones are also found within the northern Gram 1 claim. Other outcrop areas of greenstone includes the eastern regions of the RC 2 and 3 claims. In the eastern RC 3 claim area the greenstones are intercalated with dolomite, argillite and limestone.

The cherts are best exposed along upper Nicholson Creek in the northeastern Bar 5 claim and the southern Bar 7 claim. They are also found along Bubar Creek, alternating with greenstones. Cherts are also located in the northern Gram 1 claim area, associated with the greenstones.

Units 1 to 6 (Figures 6a,6b) are described individually.

Unit 1 : Knob Hill Group

This Permian basal unit consists principally of chert and greenstone. Chert (unit 1a) is grey, buff or white in color and is massive and commonly fractured. Only local bedding was noted in the cherts which can be locally metamorphosed to quartzite. Greenstone (unit 1b) is derived from andesites and basalts and in most places is of the greenschist facies although penetrative fabric is rarely seen as the rocks are characteristically blocky and undeformed. The commonly hornfelsed greenstone unit is aphanitic to fine grained, medium to dark green and is locally metamorphosed and recrystallized to amphibolite. Alteration within this unit is weak overall with variable concentrations of magnetite, epidote, hematite, jasper and calcite present. Overall the cherts and greenstones are equally extensive across the map area with small lenses of chert found in most of the greenstones and at places greenish chert is difficult to distinguish from siliceous greenstones. Minor intercalations of argillite, shale, siltstone (unit 1d), dolomite (unit 1c) and limestone (unit 1e) are found locally within both units.

Unit 2 : Brooklyn Formation

Unit 2 is a Triassic formation unconformably overlying the Knob Hill group and is comprised of limestone and clastic rocks, most noteably the sharpstone conglomerate. The upper member, unit 2a, is

massive and white to bluish in color. It is not common within the property. A very distinctive conglomerate unit, a limestone pebble conglomerate (unit 2d) was noted at one locality within the property. It consists predominantly of rounded to subrounded and ellipsoid fragments of white, buff, tan, green and red limestone ranging from 2 millimetres to 30 centimetres in diameter (mode 4-7 centimetres). Subordinate amounts of jasper, quartz and greenstone fragments are also found, and together with the limestone fragments, commonly comprise 80% of the rock. The matrix is maroon to green colored, strongly calcareous and comprised of ≤1 millimetre grains of jasper, calcite, quartz and chlorite.

The most extensive unit of the Brooklyn Formation is the sharpstone conglomerate (unit 2b). It is predominantly comprised of angular to rounded fragments of chert with lesser amounts of jasper, quartz, limestone and greenstone in a matrix of fine chert grains, calcite and chlorite. The fragments range in size from < 1 millimetre to 7 centimetres (mode 2 centimetres) in diameter and are white, grey, green and red in color. The overall color of the sharpstone is green (chlorite in the matrix) and grey to locally buff. Intercalated sandstones, wacke, grit, siltstone and mudstone (unit 2c) occur as discontinous lenses within the sharpstone conglomerate.

Unit 3 : Quartz-Feldspar Porphyry, Feldspar Porphyry

Rocks of unit 3 are light to medium grey and green colored and composed predominantly of fine to medium grained quartz and feldspar phenocrysts. Ranges in age are from Cretaceous to Early Tertiary.

Unit 4 : Kettle River Formation

The Middle Eocene Kettle River Formation is comprised of clastic sediments including sandstone, siltstone, mudstone and conglomerate. The most abundant unit (4a) is a characteristically massive white cream, pale grey, or buff feldspathic volcanic sandstone composed of clastic grains of feldspar and visible quartz, with subordinate muscovite, lithic volcanic fragments, and rare fragments of granitic rock, chert, shale and carbonaceous matter (Little, 1983). Interbeds of white, buff to tan siltstone and mudstone (unit 4b) are locally significant. Bedding is scarce in the thicker bedded, massive sandstones but is easily discernible in the finer grained units with a eastward dip common. A basal conglomerate (unit 4c) is present locally and is comprised of rounded cobbles of the underlying basement rocks, predominantly granodiorite with lesser amounts of chert and greenstone. Fragment size is quite variable in the basal conglomerate.

Unit 5 : Marron Volcanics

Rocks of this Middle Eocene unit are grey, green and maroon colored andesites and basalts with a varying porphyritic nature. Unit 5b is fine grained andesites to basalts while unit 5a comprises trachyandesite/basalts to trachyte with increasing alkali feldspar content. This east dipping lava flow unit rests above Kettle River sediments with apparent conformity. The Marron volcanics are distinguished from the Knob Hill greenstones by their fresher looking appearance and trachytic nature.

Unit 6 : Marron Intrusive Equivalents

This Tertiary unit is the intrusive equivalent of the Marron volcanics. It is characterized by fine to medium grained sill-like bodies of diorite and quartz diorite (unit 6a) to monzonite and syenite (unit 6b). It is distinguished from its volcanic counterpart by a greater concentration of phenocrysts and finely crystalline groundmass. The finer grained variety however becomes quite hard to distinguish from the volcanic equivalent and vice versa.

I. Tick Grid Area (Figure 6a)

The Tick Grid area, located in the northern extremities of the property within the Bar 7 claim, is underlain predominantly by Knob Hill greenstones with local cherts, limestone and Tertiary intrusive dykes. It is the area with the more favourable host (the target being Au-bearing magnetite skarns in Knob Hill rocks) on the property and was subsequently mapped and sampled in detail and covered by a magnetometer survey. Greenstones in this area contain considerable magnetite, the origin of which is uncertain.

The rocks are commonly weakly hornfelsed and contain weak to moderate epidote, hematite, chlorite and calcite alteration that is sporadic and occurrs primarily as veinlets, bands and blebs. Magnetite content is generally greater than epidote, hematite, chlorite and calcite but is also sporadic and can make up as much as 70% of the rock, occurring as bands, patches and commonly massive. Weak pyrite, generally < 1%, occurrs as weak disseminations and fracture-fills with trace chalcopyrite identified locally. A total of 39 rock samples were collected within the Tick Grid area with no significant gold results returned.

The matrix of the weakly hornfelsed andesites and basalts is non to weakly calcareous and may not be a good host for ion exchange (metasomatism), a prerequisite for potential sulphide skarn development. Another negative factor is the low fracture density within the Knob Hill.

II. **Northern Gram 1 Claim** (Figure 6b)

The northern Gram 1 claim is host to similar rocks as the Tick Grid area. Knob Hill greenstones were again weakly hornfelsed and contained considerable magnetite. Alteration, consisting of epidote, hematite and chlorite was weaker than the Tick Grid area and calcite was almost absent. A total of 26 rock samples were collected with no significant results returned. The lack of a limy matrix and extensive fracturing again evidently worked against localizing economic gold mineralization.

III. **Bubar Creek** (Figure 6a)

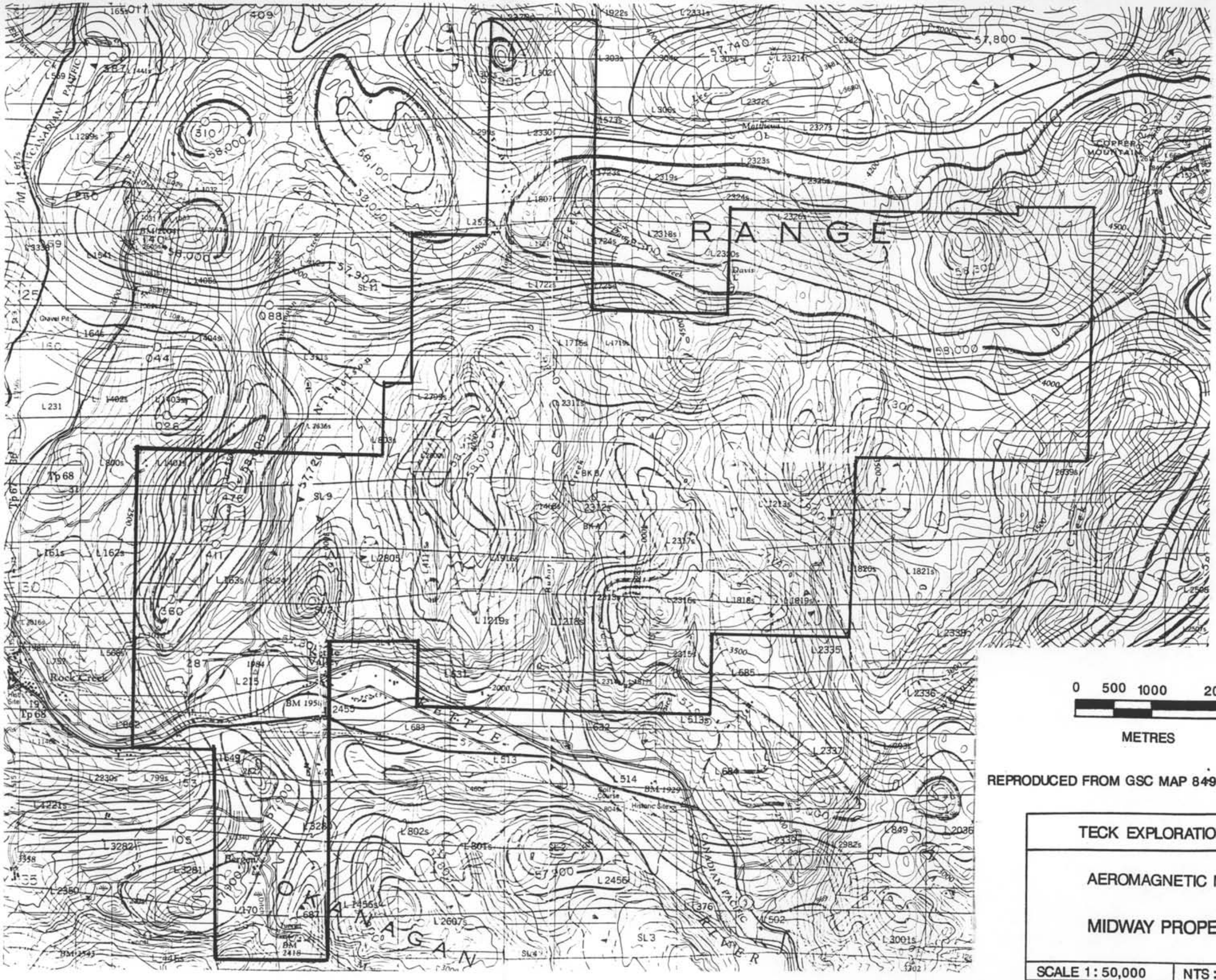
The third area of extensive Knob Hill exposure is along Bubar Creek valley, located in the southcentral area of the property within the Bar claims. Knob Hill greenstones and cherts are common along the north trending valley. The greenstones are weakly hornfelsed but weakly magnetic relative to the Bar 7 and Gram 1 claim area. Numerous rock samples were collected in this region but returned only a couple of anomalous results. Anomalous samples were collected from altered cherts/greenstones in a localized area. As was found in the greenstones in other areas of the property, an extensive fracturing network and limy matrix was missing.

IV. **Aeromagnetic Anomalies** (Figures 8,6a,6b)

The Midway property contains several aeromagnetic anomalies as outlined by the government in GSC map 8497G (Figure 8). The selected anomalies are also shown on the Property Geology maps, figures 6a and 6b. Part of the initial field program carried out during the 1991 was the mapping and prospecting of the aeromagnetic anomalies. In total, eight anomalous zones were identified, with the 58,000 gamma contour as the general anomalous threshold.

The first anomaly evaluated is located in the northern Gram 1 claim area. Hornfelsed Knob Hill greenstones with variable magnetite content were identified and sampled in detail. Overall, the rocks contained enough magnetite to cause the anomaly.

East of the above mentioned aeromagnetic anomaly, the largest and strongest aeromagnetic anomaly identified is located in the northern Gram 2 claim area. This anomaly is the second high within a large aeromagnetic anomaly extending from the northern Gram 1 and 2 claims to the Bar 7 claim. Mapping identified magnetic trachyandesites to basalts of the Tertiary Marron volcanics. A grab sample (72820) was not anomalous in precious or base metals. The outcrop area was a ridge within a large area of little or no



0 500 1000 2000

METRES

REPRODUCED FROM GSC MAP 8497G

TECK EXPLORATION LTD	
AEROMAGNETIC MAP MIDWAY PROPERTY	
SCALE 1 : 50,000	NTS : 82E/2W
NOVEMBER 1991	FIGURE : 9

outcrop. The western flank of this zone falls within the Bar 7 claim area and in the Tick Grid area. As in the northern Gram 1 claim area, hornfelsed greenstones commonly containing considerable magnetite were identified.

The remaining five aeromagnetic anomalies are underlain by weakly to strongly magnetic Tertiary volcanics or their intrusive equivalents. They were located in the following regions; the northwestern corner of the Bar 7 claim, the central Bar 4 and 1 claims, the northern RC 3 claim, and the central RC 1 claim area. No significant mineralization was uncovered in these areas.

V. Mineralization and Alteration

A total of 121 rock samples were collected from the property. Sample locations are shown on Figures 6a and 6b with rock sample descriptions provided in Appendix V. Samples were sent to Eco-Tech Laboratories Ltd. in Kamloops, B.C. and analysed for 29 elements by ICP (Ag,Al, As, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Sb, Sn, Ti, U, V, W, Y, Zn) and gold by fire assay and atomic absorption. Analytical Procedures are included in Appendix IV and Certificates of Analyses in Appendix III.

A majority of the rock samples were collected from three areas; the Tick Grid / Bar 7 claim area, the northeastern Gram 1 claim area, and the Bubar Creek area. These three regions are underlain by Knob Hill greenstones and provided the greatest exposure of favourable stratigraphy.

Results from 1991 rock sampling are disappointing. The most interesting area in terms of visible mineralization was the Tick Grid area. Weak pyrite (< 1%) and trace chalcopyrite commonly occurs in the hornfelsed greenstones. However, of the 39 rock samples collected in this area, the best results are as follows : sample 72875 - 125 ppb Au and 927 ppm Cu, sample 72847 - 643 ppm Cu and sample 72919 - 610 ppm Cu. A grab of a hornfelsed greenstone north of the Tick Grid, within the Bar 7 claim, returned a copper value of 565 ppm (sample 72903).

The best result from 26 rock samples collected from the northeastern Gram 1 claim area was 160 ppb Au (sample 72815) from a hornfelsed greenstone. No other significant gold values were noted and the highest Cu value returned was 759 ppm Cu (sample 72819) from a weakly hornfelsed volcanic. Three moss mats were collected along a stream transecting the Gram claims to follow-up previously identified weak road-bank gold-soil anomalies. No anomalous gold values were returned.

A grab sample, in the lower Bubar Creek area, of weakly pyritic, banded Knob Hill chert and volcanic

with silica veining and limonite staining (pinhead limonite) returned an assay of 1.09 g/t Au and 3935 ppm geochemical As (sample 72861). The immediate area showed signs of epithermal alteration consisting of clay alteration and bleaching. A follow-up sample (72892) immediately adjacent to the previous sample also returned an anomalous arsenic value. The 1.0 metre chip through chert with silica fracture fills, vuggy sections, Fe-carbonate staining and pinhead limonite returned an assay of 1.22 g/t Au and geochemical 4635 ppm As and 30 ppm Sb.

Eight additional rock samples in the immediate area were collected but returned only weakly to non-anomalous results; sample 72893 ran 125 ppb Au, 235 ppm As and 20 ppm Sb while sample 72894 ran 130 ppb Au and 10 ppm Sb. A Tertiary fault is thought to be located just above these samples. A soil grid was established in the area and along strike with the Tertiary fault. A moss mat and a silt, collected from streams crossing the fault north of the above samples, returned subanomalous precious metal values.

Rock samples collected from the remainder of the property, predominantly from the hornfelsed andesites and basalts, returned no significant results in gold or copper. Sample 72878, a grab of hornfelsed greenstone from the southeastern corner of the Bar 7 claim, returned a value of 300 ppb Au. The two additional moss mat samples collected on the property also returned non-economic results.

Three areas of quartz-ankerite alteration were noted on the property. The first area was in lower Bubar Creek adjacent to the main quartz-feldspar porphyry location. Two samples returned anomalous nickel and chromium values; sample 72803 ran 1032 ppm Cr and 1247 ppm Ni while sample 72852 ran 743 ppm Cr and 1353 ppm Ni. The second area of listwanite alteration is located just off the northwestern corner of the RC 1 claim (just off the property boundary). This sample returned 783 ppm Cr and 1615 ppm Ni (sample 72959). The third area of quartz-ankerite alteration is located immediately west of the western RC 2 claim boundary. No samples were collected from it. Previous authors called these areas 'ultramafics' or 'serpentinite' with a most likey age (although uncertain) of Jurrasic or Permian. This report refers to these areas as quartz-ankerite alteration zones and thus did not give them a separate lithological designation. Coincidently, the three alteration zones are located proximal to Cretaceous to Tertiary quartz-feldspar intrusions found within the map area. This may be explained by the presence of older thrust faults that localized ultramafic and quartz-feldspar intrusions (ie. zones of weakness).

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

Three grids were constructed on the property, two for soil coverage and one for a magnetometer survey. The magnetometer survey will be discussed in detail in the 'Magnetometer Survey' section. The

two soil grids totalled 8.15 line-km's with flagged lines established by topofil and compass with slope corrected stations established every 25 or 50 metres and marked on the flagging. Lines were run concurrent with soil sampling.

The first soil grid, the 'Upper Bubar Creek Grid', is located on the east side of upper Bubar creek in the central claim area (see Figures 4,6a,6b for grid location). It totals 3.25 line-km's on 200 metre spaced lines from L0+00S to L12+00S. A total of 71 samples were collected on the 110° bearing lines with a sample spacing of 50 metres, with the road used as a baseline. The purpose of the soil coverage was to follow-up several weak road-bank soils discovered by preliminary 1990 and 1991 assessment work on the property.

The second area of soil coverage, the 'Bear Grid', is located along the west edge of lower Bubar creek (see Figures 4,6a,6b for grid location). The grid is composed of east-west lines spaced predominantly 100 metres apart, L0+00N to L13+00N, with stations every 25 metres. 211 soil samples were collected on the 4.9 line-km's of grid, with the Bubar creek road used as a baseline. The purpose of the 'Bear Grid' was to facilitate soil coverage around an anomalous gold (1.22 g/t) rock sample collected earlier in the program in order to test the epithermal potential of the area.

9. SOIL GEOCHEMISTRY (Figure 7)

A total of 282 soil samples were collected and sent to Eco-Tech Laboratories Ltd. in Kamloops, B.C. and analysed for 29 elements by ICP (Ag, Al, As, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sn, Ti, U, V, W, Y, Zn) and gold by fire assay and atomic absorption. Samples were collected using a shovel from the 'B' horizon, which generally occurred at a depth of 20-40 centimetres. Often holes had to be dug 40-60 centimetres deep in order to penetrate talus. All soils were collected in Kraft bags and allowed to air dry before shipment to the lab. Six moss mats and one silt from local creeks were collected and also analysed for ICP and Au. Sample locations and anomalous gold (ppb) results are shown on Figure 7). For a complete list of results see Appendix III - Certificates of Analyses. Analytical procedures are included in Appendix IV. A complete list of soil sample descriptions is provided in Appendix VI.

A. Results

Soil geochemical results of the Teck 1991 program failed to identify any significant anomalous gold zones within the two grids. Gold results were consistently low, with only two of the 283 samples collected

giving greater than 5 ppb readings, a 40 ppb (L2+00N, 1+50W) and 15 ppb (L5+50N, 2+50W), both found within the Bear grid. Other epithermal indicators such as arsenic, silver and bismuth also returned consistent low results.

As a consequence of the low soil values, a statistical analysis was not undertaken. The only two sample results plotted are the above mentioned 40 and 15 ppb Au values.

10. MAGNETOMETER SURVEY (Figure 9)

A ground magnetometer survey was carried out within the Bar 7 claim, in the northern property area (see Figure 4 for grid location). The 'Tick Grid' consisted of 10.15 line-km's (including baseline) of flagged lines established by topofil and compass with slope corrected stations established every 25 metres and marked with tyvex tags. The eight 200 metre spaced east-west lines run from L0+00N to L14+00N for a total distance of 8.75 line-km's. The baseline (B/L 0+00E) runs north-south along the western edge of the grid for a distance of 1.4 km's.

A Geometrics Model G-816 portable proton magnetometer was used in the magnetometer survey. The instrument provides total field intensity measurements to an accuracy of ± 1 gammas over a range of 20,000 to 90,000 gammas. Readings were taken every 25 metres along the lines. Corrections for diurnal variations were made by taking progressive readings at a selected base station every 1/2 to 2 hours.

A. Results (Figure 10)

Results from the survey were inconclusive. No large areas of high magnetic response were noted within the grid area. Narrow, discontinuous magnetic highs outline a northeast trending response that seems to straddle the north-northeast trending outcrop ridge. The response is somewhat odd as the magnetite content of the rocks in the Tick Grid area is uniformly high and laterally extensive.

The most plausible explanation may be north-northeast trending Tertiary extensional faults common to the property. These faults could lead to selective magnetite destruction, producing a pronounced linear and discontinuous feature to the magnetometer response.

No economic mineralization is associated with the surficial magnetic response.

11. CONCLUSION

Results from the 1991 program were not encouraging.

Geological mapping has shown the property to be largely underlain by Tertiary volcanics, intrusives and sediments. Initial mapping and prospecting of the aeromagnetic anomalies resulted in definition of only two areas of favourable host stratigraphy; most of the anomalies were underlain by thick Tertiary accumulations. The two areas, the Tick Grid area and the northern Gram 1 claim area, were found to be underlain by hornfelsed Permian greenstones with variable magnetite content. Subsequent concentrated rock sampling of the two areas failed to reveal economic precious or base metal mineralization.

Additional rock sampling across the entire property returned one strong gold anomaly, a value of 1.09 g/t Au and 3935 ppm As from a chert with silica bands. Follow-up in the immediate area returned a value of 1.22 g/t Au and 4635 ppm As from a 1.0 metre chip of the same rock type roughly one metre away.

Soil sampling on two grids did not return significant precious metal response. Six moss mat and one silt returned subanomalous precious and base metal results. The magnetometer survey carried out over the Tick Grid has shown the magnetic anomalies to be narrow and discontinuous.

12. REFERENCES

1. Church, B.N.(1986): Geology and Mineralization in the Mount Attwood-Phoenix Area, Greenwood B.C.;B.C. Ministry of Energy, Mines and Petroleum Resources, Paper 1986-2.

2. Church, B.N.(1970): Lexington; in Geology, Exploration and Mining in British Columbia 1970, B.C. Ministry of Energy, Mines and Petroleum Resources.

3. Fyles, J.T.(1990): Geology of the Greenwood-Grand Forks Area, British Columbia; B.C. Ministry of Energy, Mines and Petroleum Resources, Open File 1990-25.

4. Little, H.W.(1983): Geology of the Greenwood Map Area, British Columbia; Geological Survey of Canada, Paper 79-29.

5. Monger, J.W.H.(1968): Early Tertiary Stratified Rocks, Greenwood Map area (82E/2), British Columbia; Geological Survey of Canada, Paper 67-42.

6. Parrish, R.R., Carr, S.D. and Parkinson, D.L.(1988): Eocene Extensional and Geochronology of the Southern Omineca Belt, British Columbia and Washington, Tectonics, Volume 7.

7. Preto, V.A.(1970): Structure and Petrology of the Grand Forks Group, British Columbia; Geological Survey of Canada, Paper 69-22.

8. Westerman, C.J.(1990): Exploration Proposal, Midway Gold Project, South-Central British Columbia *(Confidental report)*.

9. Westerman, C.J.(1991): Geochemical Assessment reports on the Gram, Bar and RC mineral claims. Assessment reports 21280-21282.

10. GSC (1972): Geophysical Series - Aeromagnetic Map; GSC map 8497G, sheet 82E/2.

APPENDIX I

Statement of Qualifications

I, Steve Jensen, do hereby certify that:

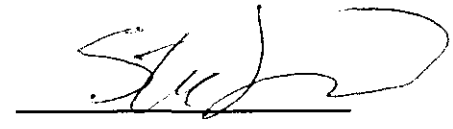
1) I am a geologist and have practised my profession for the past five years.

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

3) I was actively involved and supervised the Midway Property program and authored the report contained herein.

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

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



Steve Jensen
Project Geologist
November, 1991

APPENDIX II

Cost Statement

MIDWAY PROPERTY

COST STATEMENT

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

A. Steve Jensen (Geologist)
57 days @ $211.46/day — $12,053.22
Apr.24-28,May 7-8,10-12,18-30,June 2,6,7,9,10,12-16,18
(Mar.12-14,18-20,Apr.3,11,12,15,18,19,29,30,May 1,3,6,13,31,June 1,19-21)

B. Peter Procter (Geologist)
37 days @ $181.25/day — $6706.25
May 7-8,10-12,18-31,June 1-2,6-7,9-10,12-18
(May 6,13,June 19,20,Aug 11)

C. Ted Archibald (Prospector)
16 days @ $179.20/day — $2867.20
May 18-28,30,June 7
(May 17,June 6,19)

D. Fred Daley (Manager)
2 days @ $295.50/day — $591.00
June 1,12

( ) Denotes non-field days — **Subtotal $22,217.67**

2. Soil Survey

A. Ted Archibald (Prospector)
8 days @ $179.20/day — $1433.60
June 10,13-18

Subtotal $1433.60

3. Magnetometer Survey

A. Steve Jensen (Geologist)
1 day @ $211.46/day — $211.46
June 8

B. Peter Procter (Geologist)
1 day @ $181.25/day — $181.25
June 8

C. Ted Archibald (Prospector)
2 days @ $179.20/day — $358.40
June 8-9

Subtotal $751.11

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

A.	Rock samples 121 @ $15.23 ea. (29 el. ICP & Au)	$1842.83
B.	Soil samples 282 @ $12.61 ea. (29 el. ICP & Au)	$3556.02
C.	Moss mats 6 @ $17.37 ea. (29 el. ICP & Au)	$104.22
D.	Silt 1 @ $12.61 ea. (29 el. ICP & Au)	$12.61
E.	Gold assay 2 @ $8.09 ea.	$16.18
	Subtotal	**$5531.86**

5. Food and Accommodation

A.	Food $25.00/manday x 101 mandays (April 24 - June 20,1991)	$2525.00
B.	Accommodation 40 days @ $55.00/day for crew	$2200.00
	Subtotal	**$4725.00**

6. Transportation

A.	4x4 Nissan Pathfinder truck rental 60 days @ $65.00/day (includes fuel,insurance,repairs)	$3900.00
	Subtotal	**$3900.00**

7. Freight and Shipping

A.	Sample shipments,correspondance etc.	$350.00
	Subtotal	**$350.00**

8. Field Supplies

A.	Sample bags,flagging,topo thread etc.	$1246.65
	Subtotal	**$1246.65**

9.	Land Title Search		
	A.	Title search of district lot owners	$400.00
			Subtotal $400.00
10.	Airphotos		
	A.	61 - 9"x9" airphotos of the Midway area	$259.56
			Subtotal $259.56
11.	Telephone and Telex		
	A.	Long distance, faxs charges	$180.95
			Subtotal $180.95
12.	Report Writing and Typing		
	A.	Steve Jensen (Geologist) 10 days @ $211.46/day Oct 28,29,31,Nov 1,4,6-8,11,12	$2114.60
			Subtotal $2114.60
13.	Drafting		
	A.	Base map preparation and materials Sphinx Drafting, Vancouver, B.C	$418.88
	B.	Prints, enlargements, screens of maps	$630.12
	C.	Steve Archibald (Draftsman) 3 days @ $180.00/day	$540.00
			Subtotal $1589.00

MIDWAY 1991 TOTAL COST $44,700.00

APPENDIX III

Certificates of Analysis

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

MAY 21, 1991

TECK EXPLORATIONS LTD.- ETK 91-277

960, 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1

ATTENTION: STEVE JENSEN

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT NUMBER: 1701
27 ROCK SAMPLES RECEIVED MAY 13, 1991

ET#		DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
277-	2	72802	25	<.2	.44	10	<2	40	<5	14.33	<1	6	7	3	2.28	.03	20	7.12	1372	1	<.01	70	228	8	<5	<20	163	<.01	<10	13	<10	1	43
277-	3	72803	45	<.2	.32	35	6	25	<5	1.80	<1	84	1032	3	4.65	<.01	30	7.06	730	6	<.01	1247	136	4	<5	<20	89	<.01	<10	19	<10	<1	23
277-	4	72804	40	<.2	2.91	10	2	30	<5	1.49	<1	36	132	127	4.78	.01	31	3.05	928	1	<.01	53	384	2	<5	<20	<1	.14	<10	103	<10	<1	50
277-	5	72805	10	<.2	3.25	<5	2	45	<5	1.91	<1	39	135	152	5.58	.01	36	3.40	1027	2	<.01	47	366	4	<5	<20	17	.15	<10	154	<10	2	56
277-	6	72806	10	<.2	2.06	5	4	30	<5	1.41	<1	19	102	48	3.56	.01	30	1.82	729	3	<.01	31	427	6	<5	<20	1	.01	<10	74	<10	<1	49
277-	7	72807	10	<.2	3.42	<5	<2	35	<5	2.76	<1	39	153	120	5.88	<.01	39	3.40	1339	1	<.01	51	316	6	<5	<20	9	.06	<10	187	<10	3	63
277-	8	72808	5	<.2	2.55	20	2	55	<5	2.05	<1	32	83	48	6.46	.13	50	2.88	625	1	<.01	45	1541	10	<5	<20	11	.08	<10	79	10	4	66
277-	9	72809	15	.2	3.02	10	4	30	<5	1.38	<1	36	45	112	5.75	<.01	36	2.93	1171	1	<.01	27	382	10	<5	<20	1	.13	<10	170	<10	6	59
277-	10	72810	20	<.2	2.35	10	4	40	<5	1.21	<1	36	79	33	7.38	.04	46	2.58	641	1	<.01	27	943	2	<5	<20	<1	.22	<10	91	<10	<1	69
277-	11	72811	15	<.2	2.40	<5	8	20	<5	.77	<1	38	82	10	3.73	<.01	26	2.33	630	2	<.01	64	848	2	<5	<20	19	.18	<10	33	<10	1	54
277-	12	72812	10	<.2	3.20	5	4	35	<5	1.66	<1	36	101	123	5.76	.01	37	3.09	1252	2	<.01	43	505	2	5	<20	<1	.14	<10	169	<10	3	60
277-	13	72813	70	<.2	1.95	60	8	40	<5	.32	<1	24	34	62	5.50	.13	38	.93	783	2	<.01	75	1572	8	<5	<20	7	.01	<10	34	<10	<1	81
277-	14	72814	55	<.2	1.03	60	6	15	<5	.56	<1	11	72	14	3.99	<.01	25	.78	1101	4	<.01	18	183	6	<5	<20	5	.01	<10	27	<10	<1	68
277-	15	72815	160	<.2	2.59	125	4	35	<5	.40	<1	33	68	4	8.06	.10	57	1.86	1575	1	<.01	61	1982	24	5	<20	4	.01	<10	50	<10	<1	123
277-	16	72816	15	<.2	2.00	15	2	55	<5	1.96	<1	36	43	48	7.12	.02	50	2.14	1150	1	<.01	17	1557	6	<5	<20	9	.14	<10	110	<10	3	141
277-	17	72817	10	<.2	2.29	10	<2	25	<5	4.03	<1	31	96	67	4.85	.01	31	2.26	711	2	<.01	58	981	4	<5	<20	<1	.15	<10	64	<10	1	64
277-	18	72818	20	<.2	2.65	10	2	75	<5	1.95	<1	33	52	58	5.34	.02	34	2.36	696	1	<.01	25	1066	2	<5	<20	3	.17	<10	82	<10	1	69
277-	19	72819	15	<.2	3.18	10	8	65	<5	.41	<1	42	40	759	6.26	<.01	34	2.99	578	1	<.01	32	246	2	<5	<20	7	.15	<10	102	<10	<1	68
277-	20	72851	5	<.2	1.19	<5	8	45	<5	4.23	<1	8	18	37	2.07	.07	17	2.51	533	1	<.01	49	473	2	5	<20	58	<.01	<10	16	<10	<1	32
277-	21	72852	10	<.2	.23	20	4	15	<5	2.60	<1	93	743	16	4.08	<.01	23	7.97	725	3	<.01	1353	104	2	<5	<20	125	.01	<10	18	<10	<1	20
277-	22	72853	10	<.2	.18	5	10	<5	<5	.42	<1	4	139	36	.99	<.01	6	.24	406	7	<.01	35	34	2	<5	<20	1	.01	<10	8	<10	<1	9
277-	23	72854	15	<.2	2.04	30	6	50	<5	1.00	<1	32	82	14	8.60	.04	62	1.72	1706	1	<.01	56	1718	4	5	<20	10	.08	<10	82	10	3	79
277-	24	72855	10	<.2	.38	20	10	20	<5	.03	<1	5	77	48	2.07	.04	16	.14	206	5	.01	23	217	4	<5	<20	4	<.01	<10	10	<10	<1	21
277-	25	72856	15	<.2	2.86	<5	4	35	<5	2.24	<1	38	108	48	5.93	.02	37	2.46	768	2	<.01	47	981	2	5	<20	2	.18	<10	108	10	4	70
277-	26	72857	20	<.2	2.57	10	<2	40	<5	2.42	<1	31	62	50	5.68	.02	37	2.26	729	1	<.01	24	1152	2	<5	<20	<1	.20	<10	108	<10	5	67
277-	27	27858	25	<.2	2.74	5	<2	30	<5	2.28	<1	33	72	61	5.47	.01	31	2.33	691	1	<.01	22	842	2	<5	<20	<1	.27	<10	101	<10	1	70

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD.
10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

TECK EXPLORATIONS LTD.- ETK 91-290

960, 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1

ATTENTION: STEVE JENSEN

MAY 31 , 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT NUMBER: 1701
20 ROCK SAMPLES RECEIVED MAY 27, 1991

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
290 - 1	72820	5	.2	4.16	45	<2	195	<5	1.60	<1	15	22	70	3.30	.37	210	.90	543	2	1.94	6	2640	50	<5	<20	788	.31	<10	93	<10	16	114
290 - 2	72822	5	<.2	2.42	10	<2	120	<5	2.67	<1	34	14	113	5.42	.10	40	2.41	946	1	<.01	12	1080	8	<5	<20	53	.08	<10	113	<10	2	65
290 - 3	72823	5	.2	2.08	10	<2	245	<5	4.25	<1	28	14	103	4.05	.04	30	1.74	823	2	<.01	5	1010	6	<5	<20	53	.03	<10	63	<10	1	50
290 - 4	72824	10	.3	2.80	15	<2	50	<5	7.46	<1	46	115	25	5.69	.12	50	2.49	797	1	<.01	89	2800	12	<5	<20	1	.18	<10	87	<10	2	74
290 - 5	72825	5	<.2	2.98	10	<2	75	<5	2.61	<1	41	16	63	5.71	.03	40	2.55	510	1	<.01	35	1160	8	<5	<20	22	.28	<10	132	<10	5	64
290 - 6	72859	30	.3	.28	15	<2	85	<5	12.13	<1	5	51	196	2.45	.01	20	.21	785	3	<.01	7	180	6	<5	<20	<1	.02	<10	125	<10	<1	28
290 - 7	72860	5	<.2	1.69	<5	<2	55	<5	5.53	<1	12	19	8	2.78	.09	30	3.58	842	1	<.01	43	620	6	<5	<20	55	.01	<10	30	<10	<1	40
290 - 8	72861	>1000	.2	.64	3935	<2	75	<5	.30	5	9	119	78	3.20	<.01	30	.29	76	25	<.01	17	760	12	10	<20	26	.00	<10	101	<10	2	30
290 - 9	72862	10	<.2	2.75	45	<2	100	<5	.30	<1	30	84	45	4.97	.21	60	2.25	960	3	<.01	85	760	10	<5	<20	20	.01	<10	35	<10	1	57
290 - 10	72863	30	.2	4.46	30	<2	55	<5	1.41	<1	47	95	51	7.45	.03	50	5.18	2310	1	<.01	90	1190	10	<5	<20	38	.01	<10	196	<10	1	77
290 - 11	72864	5	<.2	.85	10	<2	40	<5	.16	<1	8	87	33	1.58	.10	20	.53	547	6	<.01	14	190	6	<5	<20	6	<.01	<10	7	<10	<1	25
290 - 12	72865	5	.2	2.27	10	<2	125	<5	4.31	<1	31	31	14	5.10	.09	50	2.11	790	2	<.01	26	1320	8	<5	<20	64	.19	<10	78	<10	7	87
290 - 13	72866	5	2.8	2.51	25	<2	25	<5	2.39	<1	43	39	132	6.78	<.01	50	2.34	789	2	<.01	23	1590	20	5	<20	20	.28	<10	132	<10	2	86
290 - 14	72867	5	.5	3.43	10	<2	65	<5	2.30	<1	41	67	57	6.94	<.01	40	2.96	975	1	<.01	28	790	6	<5	<20	<1	.49	10	233	<10	18	72
290 - 15	72868	10	.8	.28	10	<2	470	<5	.14	<1	3	152	17	1.21	.09	10	.19	74	10	<.01	7	360	14	<5	<20	14	.02	<10	16	<10	<1	20
290 - 16	72901	10	.9	.85	15	<2	70	<5	.25	<1	4	76	36	2.04	.13	20	.65	238	9	<.01	9	840	10	<5	<20	17	.02	<10	46	<10	2	49
290 - 17	72902	10	.4	3.56	20	<2	85	<5	1.45	<1	49	190	169	7.43	.33	50	2.48	819	2	<.01	88	2190	14	5	<20	11	.24	10	123	<10	6	106
290 - 18	72903	15	.4	3.16	10	<2	70	<5	3.34	<1	46	64	565	6.65	.14	40	2.55	937	2	<.01	52	360	6	5	<20	52	.24	10	197	<10	3	72
290 - 19	72904	5	.3	1.86	20	<2	100	<5	.77	<1	15	56	24	3.25	.16	80	2.52	176	3	<.01	21	2010	16	<5	<20	108	.03	<10	103	<10	4	61
290 - 20	72905	5	.4	.72	5	<2	25	<5	7.07	<1	9	95	22	1.64	.06	30	.97	731	4	<.01	17	1030	10	<5	<20	226	.08	<10	46	<10	3	37

NOTE: < = LESS THAN
> = GREATER THAN

ECO-TECH LABORATORIES LTD.
CLINTON AYERS
LABORATORY MANAGER

SC91/TECK1

ECO-TECH LABORATORIES LTD.
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-455

MAY 31 , 1991

CERTIFICATE OF ASSAY ETK 91-290

TECH EXPLORATION LTD.
960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1

ATTENTION: STEVE JENSEN
SAMPLE IDENTIFICATION: 20 ROCK samples received MAY 27, 1991

ET#	Description	Au (g/t)	Au (oz/t)
290 - 8	72861	1.09	.032

NOTE: < = less than

ECO-TECH LABORATORIES LTD.
FRANK J. PEZZOTTI
B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.
10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

JUNE 7 , 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

TECK EXPLORATIONS LTD.- ETK 91-303

960, 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1

ATTENTION: STEVE JENSEN

PROJECT NUMBER: 1701
5 MOSS MAT SAMPLES RECEIVED MAY 30, 1991

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CD	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
303 - 1	MM 72830	<5	<.2	.83	5	2	85	<5	2.30	<1	4	7	64	.97	.10	20	.28	782	1	.05	6	880	8	<5	<20	781	.03	<10	20	<10	8	27
303 - 2	72908 MM	<5	<.2	.84	15	2	85	<5	1.25	<1	7	24	52	1.60	.23	10	.44	482	2	.03	15	880	14	5	<20	169	.04	<10	40	<10	6	42
303 - 3	72909 MM	<5	<.2	1.19	20	8	130	<5	1.58	<1	9	28	52	2.20	.20	20	.54	630	1	.03	20	1050	8	5	<20	187	.05	<10	52	<10	9	61
303 - 4	72910 MM	<5	<.2	1.08	15	6	120	<5	.80	<1	11	30	38	2.55	.13	20	.61	574	<1	.02	19	800	8	5	<20	97	.07	<10	63	<10	7	57
303 - 5	MM72821	<5	<.2	1.40	10	6	105	<5	1.38	<1	8	31	37	2.15	.14	50	.55	404	1	.04	16	1740	10	5	<20	468	.08	<10	57	<10	10	65

NOTE: < = LESS THAN
> = GREATER THAN

ECO-TECH LABORATORIES LTD.
CLINTON AYERS
LABORATORY MANAGER

SC91/TECK1

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

JUNE 5 , 1991

TECK EXPLORATIONS LTD.- ETK 91-301

960, 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1

ATTENTION: STEVE JENSEN

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT NUMBER: 1701
28 ROCK SAMPLES RECEIVED MAY 30, 1991

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
301 - 1	72826	30	<.2	3.12	15	<2	85	<5	3.12	<1	35	61	57	5.90	.03	40	2.50	791	2	<.01	37	1060	10	<5	<20	31	.24	<10	118	<10	8	71
301 - 2	72827	10	<.2	3.08	10	<2	105	<5	2.85	<1	41	281	48	6.09	.02	40	3.19	796	1	<.01	70	650	8	<5	<20	54	.16	<10	108	<10	5	76
301 - 3	72828	5	<.2	3.42	20	<2	170	<5	3.47	<1	48	65	202	6.87	.15	50	3.80	1516	1	<.01	52	490	6	<5	<20	37	.15	10	215	<10	2	76
301 - 4	72829	5	<.2	3.38	15	<2	140	<5	2.86	<1	43	159	52	6.94	.05	50	3.04	1009	2	<.01	55	780	6	10	<20	74	.19	<10	138	<10	7	84
301 - 5	72831	5	<.2	2.63	20	<2	85	<5	2.35	<1	36	131	36	4.45	.01	30	2.59	550	1	<.01	48	480	10	<5	<20	<1	.37	<10	119	<10	8	60
301 - 6	72832	5	<.2	1.83	15	<2	30	<5	1.06	<1	29	80	138	3.43	.01	20	1.60	537	2	<.01	28	210	6	<5	<20	53	.14	<10	72	<10	1	44
301 - 7	72833	10	<.2	1.91	30	<2	35	<5	1.99	<1	39	47	274	6.21	.10	40	1.70	518	1	<.01	41	210	6	<5	<20	<1	.18	10	133	<10	<1	63
301 - 8	72834	30	<.2	.96	50	<2	40	<5	1.39	<1	33	73	330	8.83	<.01	50	.66	173	3	.02	39	1390	8	5	<20	16	.17	10	210	<10	2	51
301 - 9	72835	5	<.2	1.68	15	<2	25	<5	2.13	<1	29	85	204	3.94	.01	20	1.40	504	2	<.01	38	280	6	<5	<20	28	.12	<10	80	<10	<1	44
301 - 10	72836	5	<.2	1.56	25	<2	40	<5	1.26	<1	36	73	87	6.13	.01	30	1.41	415	2	<.01	37	610	6	<5	<20	31	.20	<10	135	<10	<1	67
301 - 11	72837	5	<.2	2.27	15	<2	50	<5	1.56	<1	28	56	365	5.01	.01	30	1.43	445	3	<.01	20	330	6	<5	<20	58	.26	<10	100	<10	6	60
301 - 12	72838	5	<.2	1.70	35	<2	35	<5	1.47	<1	41	66	32	7.14	.02	50	1.81	1139	2	<.01	34	1720	6	5	<20	15	.27	<10	97	<10	1	122
301 - 13	72839	5	<.2	1.83	35	<2	100	<5	1.73	<1	45	134	83	6.80	.16	40	1.64	619	2	.01	74	2320	6	<5	<20	35	.28	<10	82	<10	3	122
301 - 14	72840	15	<.2	2.32	10	<2	20	<5	2.93	<1	32	212	89	3.33	<.01	20	2.47	659	1	<.01	54	350	4	<5	<20	<1	.23	<10	75	<10	2	46
301 - 15	72841	5	<.2	2.64	5	<2	45	<5	2.76	<1	39	162	109	3.95	<.01	20	2.95	554	<1	<.01	57	350	6	<5	<20	3	.21	<10	111	<10	3	48
301 - 16	72842	5	<.2	2.71	15	<2	75	<5	2.21	<1	31	86	125	5.07	.30	30	2.32	658	<1	<.01	41	460	4	<5	<20	<1	.30	<10	148	<10	3	52
301 - 17	72843	5	<.2	2.11	35	<2	50	<5	1.97	<1	38	22	142	7.49	.11	40	2.52	630	1	<.01	35	710	6	5	<20	16	.34	10	217	<10	2	67
301 - 18	72844	5	<.2	2.79	10	<2	60	<5	2.87	<1	33	46	74	4.32	.38	30	2.65	745	1	<.01	33	610	6	5	<20	10	.29	<10	84	<10	3	65
301 - 19	72845	5	<.2	2.57	20	<2	55	<5	2.53	<1	41	67	179	6.22	.09	40	2.55	734	2	<.01	36	490	4	<5	<20	20	.34	10	207	<10	6	64
301 - 20	72869	5	<.2	2.90	25	<2	35	<5	2.25	<1	43	149	56	5.90	.01	40	2.72	684	1	<.01	65	1290	6	<5	<20	13	.38	<10	112	<10	6	74
301 - 21	72870	5	<.2	1.93	20	<2	20	<5	3.60	<1	35	36	421	4.64	<.01	30	1.70	493	1	<.01	36	230	6	5	<20	<1	.19	10	107	<10	<1	51
301 - 22	72871	5	<.2	1.72	10	<2	45	<5	1.18	<1	27	147	79	3.05	.02	20	1.69	397	1	<.01	60	720	4	<5	<20	22	.54	<10	89	<10	11	35
301 - 23	72872	5	<.2	2.24	15	<2	30	<5	2.54	<1	35	105	111	4.27	<.01	30	2.47	653	1	<.01	52	610	4	5	<20	3	.51	<10	95	<10	9	52
301 - 24	72906	5	.5	.20	10	2	470	<5	.07	<1	1	143	11	.78	.04	<10	.14	42	8	<.01	4	190	4	<5	<20	14	.01	<10	9	<10	<1	8
301 - 25	72907	5	<.2	1.69	15	<2	25	<5	1.69	<1	27	97	45	3.38	<.01	20	1.53	407	1	<.01	36	200	10	<5	<20	4	.14	<10	64	<10	<1	47
301 - 26	72911	5	.2	.16	10	8	860	<5	.06	<1	1	186	11	.61	.08	<10	.04	32	10	<.01	3	330	4	<5	<20	45	<.01	<10	5	<10	<1	9
301 - 27	72912	5	<.2	.33	<5	10	130	<5	.19	<1	3	158	4	.58	.01	20	.15	100	10	.04	4	320	4	<5	<20	507	.02	<10	13	<10	<1	10
301 - 28	72913	5	<.2	1.13	<5	<2	470	<5	.66	<1	8	161	10	1.49	.10	70	.59	177	9	.02	8	1280	10	<5	<20	2403	.06	<10	71	<10	3	29

NOTE: < = LESS THAN
> = GREATER THAN

ECO-TECH LABORATORIES LTD.
CLINTON AYERS
LABORATORY MANAGER

SC91/TECK1

ECO-TECH LABORATORIES LTD.
10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

JUNE 6 , 1991

TECK EXPLORATIONS LTD.- ETK 91-310

960, 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1

ATTENTION: STEVE JENSEN

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT NUMBER: 1701
19 ROCK SAMPLES RECEIVED MAY 30, 1991

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
310 - 1	72846	5	<.2	2.90	5	12	50	<5	2.34	<1	41	147	60	4.25	<.01	20	3.16	690	3	<.01	53	130	6	5	<20	46	.11	<10	89	<10	6	59
310 - 2	72847	5	.2	2.96	30	10	40	<5	1.96	<1	57	47	643	6.91	.01	40	2.69	1591	2	<.01	46	300	6	5	<20	21	.13	10	181	<10	13	127
310 - 3	72848	5	<.2	2.44	20	6	60	<5	3.29	<1	44	73	177	5.42	.03	30	2.49	749	1	<.01	49	250	6	5	<20	2	.15	<10	110	<10	8	66
310 - 4	72849	5	<.2	3.81	15	18	55	<5	2.77	<1	56	252	100	6.47	.05	40	4.22	1148	1	<.01	124	210	8	5	<20	75	.07	<10	152	<10	15	69
310 - 5	72850	5	<.2	2.25	20	14	45	<5	2.12	<1	45	53	205	4.96	.26	30	2.04	725	<1	<.01	40	170	6	5	<20	16	.18	<10	114	<10	10	56
310 - 6	72873	5	.2	3.24	20	16	30	<5	2.23	<1	44	57	294	6.32	.02	40	2.65	554	<1	<.01	42	340	8	5	<20	<1	.25	10	150	<10	19	71
310 - 7	72874	5	<.2	2.00	15	4	30	<5	5.75	<1	24	49	198	3.66	<.01	20	1.63	410	1	<.01	20	150	4	<5	<20	<1	.12	<10	70	<10	8	51
310 - 8	72875	125	.4	2.59	15	20	65	<5	.82	<1	36	41	927	5.77	.02	40	2.03	509	1	<.01	29	290	6	<5	<20	10	.17	<10	108	<10	8	68
310 - 9	72876	5	<.2	3.00	10	16	60	<5	1.29	<1	38	80	93	4.36	<.01	30	3.45	827	1	<.01	42	110	4	<5	<20	44	.09	<10	83	<10	4	60
310 - 10	72877	5	<.2	2.13	30	8	45	<5	1.19	<1	44	40	388	7.58	.01	50	1.77	750	1	<.01	37	410	4	<5	<20	9	.28	10	220	<10	17	79
310 - 13	72916	5	<.2	2.37	15	12	30	<5	2.02	<1	37	93	152	4.61	.02	30	2.38	501	1	<.01	41	140	4	5	<20	20	.13	<10	91	<10	5	40
310 - 14	72917	5	<.2	2.05	5	6	25	<5	3.57	<1	25	132	133	3.00	<.01	20	2.29	457	4	<.01	30	90	2	<5	<20	<1	.08	<10	69	<10	4	35
310 - 15	72918	5	<.2	2.10	40	10	40	<5	2.23	<1	47	41	228	8.69	<.01	60	2.05	833	<1	<.01	37	390	6	5	<20	12	.24	10	272	<10	16	100
310 - 16	72919	5	.2	1.46	20	14	20	<5	5.06	<1	27	49	610	3.76	<.01	20	1.36	350	1	<.01	33	140	4	5	<20	<1	.09	<10	72	<10	5	45
310 - 17	72951	5	<.2	1.99	10	18	215	<5	2.91	<1	34	41	275	4.08	.04	30	1.72	1303	1	<.01	30	160	4	<5	<20	11	.13	<10	96	<10	7	48
310 - 18	72952	5	<.2	.30	25	26	175	<5	4.65	<1	29	87	118	4.10	.07	30	.24	896	6	<.01	24	120	4	<5	<20	<1	.01	<10	83	<10	2	22

NOTE: < = LESS THAN
> = GREATER THAN

ECO-TECH LABORATORIES LTD.
CLINTON AYERS
LABORATORY MANAGER

SC91/TECK1

ECO-TECH LABORATORIES LTD.
10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

JUNE 12, 1991

TECK EXPLORATIONS LTD.- ETK 91-318

960, 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1

ATTENTION: STEVE JENSEN

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT NUMBER: 1701
14 ROCK SAMPLES RECEIVED JUNE 3, 1991

ETH	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
318 - 1	72878	300	<.2	1.17	20	4	25	<5	2.72	<1	28	58	248	4.01	.12	10	.67	644	2	<.01	29	190	12	<5	<20	6	.10	10	62	<10	<1	28
318 - 2	72879	5	.2	.70	25	4	30	<5	.09	<1	8	137	26	2.43	.08	10	.26	145	14	.01	13	120	10	<5	<20	7	<.01	<10	25	<10	<1	18
318 - 3	72880	5	<.2	1.96	30	4	35	<5	1.64	<1	39	60	112	5.97	.08	20	2.10	907	1	<.01	38	230	6	5	<20	16	.14	10	161	<10	4	61
318 - 4	72881	5	<.2	1.95	20	4	175	<5	5.58	<1	41	27	143	5.38	<.01	20	2.01	713	1	<.01	29	230	2	5	<20	<1	.12	10	139	<10	3	60
318 - 5	72882	5	<.2	2.59	15	4	30	<5	2.00	<1	38	80	57	3.79	<.01	10	2.93	732	<1	<.01	35	110	6	5	<20	71	.09	10	59	<10	<1	52
318 - 6	72883	5	<.2	1.24	15	4	15	<5	6.20	<1	32	60	116	3.47	.01	10	1.06	968	1	<.01	35	200	4	5	<20	<1	.13	10	63	<10	5	37
318 - 7	72884	5	<.2	2.65	<5	4	40	<5	2.72	<1	37	113	145	3.40	<.01	10	3.04	832	1	<.01	53	160	2	5	<20	5	.14	10	59	<10	4	57
318 - 8	72885	5	<.2	2.58	35	4	40	<5	2.90	<1	51	36	208	7.84	<.01	30	2.44	1329	<1	<.01	38	380	2	5	<20	8	.14	20	224	<10	4	86
318 - 9	72886	5	<.2	2.23	15	4	50	<5	4.04	<1	41	84	413	4.33	<.01	10	1.72	730	<1	<.01	54	320	10	5	<20	5	.14	10	63	<10	2	48
318 - 10	72887	5	<.2	1.11	40	4	15	<5	6.64	<1	37	9	104	7.10	<.01	20	1.12	582	<1	<.01	26	330	6	<5	<20	<1	.14	20	138	<10	<1	62
318 - 11	72888	5	<.2	1.92	30	4	25	<5	2.36	<1	49	33	114	7.30	<.01	20	1.97	783	1	<.01	39	300	4	5	<20	<1	.16	20	151	<10	1	72
318 - 12	72889	5	.2	.17	10	4	130	<5	.11	<1	4	109	20	1.22	.05	10	.08	72	15	.01	5	120	4	<5	<20	4	<.01	<10	26	<10	<1	8
318 - 13	72890	5	<.2	2.33	15	4	60	<5	4.91	<1	34	127	106	4.59	.11	20	3.14	1182	1	<.01	70	1460	12	<5	<20	144	<.01	10	169	<10	6	42
318 - 14	72891	5	<.2	.51	15	4	85	<5	.09	<1	7	127	49	2.08	.07	10	.23	131	9	.01	40	520	6	<5	<20	28	<.01	<10	15	<10	<1	251

NOTE: < = LESS THAN
> = GREATER THAN

ECO-TECH LABORATORIES LTD.
CLINTON AYERS
LABORATORY MANAGER

SC91/TECK1

ECO-TECH LABORATORIES LTD.
10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

JUNE 14, 1991

TECK EXPLORATIONS LTD.- ETK 91-329

960, 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1

ATTENTION: STEVE JENSEN

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT NUMBER: 1701
4 ROCK SAMPLES RECEIVED JUNE 10, 1991

ET#	DESCRIPTION	AU(PPB)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
329 - 1	72953	<5	<.2	3.54	35	8	60	<5	3.99	<1	52	48	82	10.34	.39	50	3.23	1790	1	<.01	35	1510	12	5	<20	33	.25	<10	191	<10	13	119
329 - 2	72954	<5	<.2	2.80	10	6	55	<5	5.14	<1	52	103	58	5.81	.02	20	3.23	1134	2	<.01	45	870	8	5	<20	14	.26	<10	134	<10	9	83
329 - 3	72955	<5	<.2	2.65	5	10	55	<5	2.42	<1	54	78	26	9.72	.09	40	2.53	1177	1	<.01	30	780	8	5	<20	30	.49	<10	105	<10	14	89
329 - 4	72956	<5	<.2	2.88	<5	10	120	<5	2.99	<1	54	128	223	6.85	.01	20	2.89	1095	2	<.01	56	380	8	5	<20	45	.23	<10	189	<10	10	85

NOTE: < = LESS THAN
> = GREATER THAN

CC: STEVE JENSEN
P.O. BOI 287
GREENWOOD, B.C. V0H 1J0
C/O EVENING STAR MOTEL
SC91/TECK1

ECO-TECH LABORATORIES LTD.
CLINTON AYERS
LABORATORY MANAGER

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

JUNE 21, 1991

TECK EXPLORATIONS LTD.- ETK 91-344

960, 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1

ATTENTION: STEVE JENSEN

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT NUMBER: 1701
7 ROCK SAMPLES RECEIVED JUNE 16, 1991

ETK	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
344 - 1	72892	>1000	.2	1.05	4635	10	45	<5	.11	<1	11	90	104	5.79	<0.01	<10	.54	235	24	<0.01	32	1170	12	30	<20	25	<0.01	<10	120	<10	<1	45
344 - 2	72893	125	<.2	4.63	235	10	135	<5	.63	<1	72	143	57	10.24	<0.01	20	3.72	1493	10	<0.01	154	2150	10	20	<20	35	.02	<10	160	<10	<1	169
344 - 3	72894	130	<.2	1.26	50	10	45	<5	.29	<1	14	86	30	3.19	<0.01	<10	1.19	454	8	<0.01	16	670	12	10	<20	13	<0.01	<10	21	<10	1	40
344 - 4	72895	10	<.2	.89	35	10	70	<5	.10	<1	14	110	25	1.73	.05	<10	.75	660	8	<0.01	35	220	16	5	<20	22	<0.01	<10	10	<10	<1	41
344 - 5	72896	20	<.2	.92	15	10	60	<5	.06	<1	8	52	39	2.12	.13	10	.52	357	4	<0.01	13	280	14	5	<20	13	<0.01	<10	12	<10	<1	39
344 - 6	72897	10	<.2	.16	20	10	20	<5	.08	<1	5	107	15	.79	.03	<10	.10	610	14	<0.01	9	220	16	<5	<20	6	<0.01	<10	3	<10	1	123
344 - 7	72898	10	<.2	.43	10	6	70	<5	>15.00	<1	5	21	6	1.55	.02	<10	8.94	1300	<1	<0.01	24	50	6	<5	<20	1009	<0.01	<10	12	<10	<1	39

NOTE: < = LESS THAN
> = GREATER THAN

CC: STEVE JENSEN
P.O. BOX 287
GREENWOOD, B.C. V0H 1J0
C/O EVENING STAR MOTEL
SC91/TECK1

ECO-TECH LABORATORIES LTD.
CLINTON AYERS
LABORATORY MANAGER

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

JUNE 18, 1991

CERTIFICATE OF ASSAY ETK 91-344

TECK EXPLORATION LTD.
960 - 175 2nd. AVE.
KAMLOOPS, B.C.

ATTENTION: STEVE JENSEN

SAMPLE IDENTIFICATION: 7 ROCK sample received JUNE 17, 1991
----------PROJECT: 1701

ET#	Description	Au (g/t)	Au (oz/t)
344 - 1	72892	1.22	.036

ECO-TECH LABORATORIES LTD.
Per FRANK J. PEZZOTTI, A.Sc.T.
B.C. Certified Assayer

SC91/TECK2

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

JUNE 21, 1991

TECK EXPLORATIONS LTD.- ETK 91-345

960, 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1

ATTENTION: STEVE JENSEN

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT NUMBER: 1701
1 MOSS MAT SAMPLE RECEIVED JUNE 17, 1991

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
345 - 1	MM 72957	15	<.2	.95	5	10	75	<5	4.62	<1	8	29	49	1.85	.12	40	.41	492	<1	<0.01	14	1510	16	<5	<20	492	.06	<10	47	<10	9	74

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
346 - 1	ST 72958	<5	<.2	.89	10	8	55	<5	.52	<1	21	54	2	2.78	.59	50	.83	226	4	<0.01	19	340	6	<5	<20	10	.06	<10	12	<10	12	51

NOTE: < = LESS THAN
> = GREATER THAN

CC: STEVE JENSEN
P.O. BOX 287
GREENWOOD, B.C. V0H 1J0
C/O EVENING STAR MOTEL
SC91/TECK1

ECO-TECH LABORATORIES LTD.
CLINTON AYERS
LABORATORY MANAGER

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

JUNE 26, 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

TECK EXPLORATIONS LTD.- ETK 91-366

960, 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1

ATTENTION: STEVE JENSEN

PROJECT NUMBER: 1701
3 ROCK SAMPLES RECEIVED JUNE 21, 1991

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
366 - 1	72959	5	.2	.50	10	10	5	<5	3.72	<1	95	783	6	4.47	.01	<10	11.13	488	8	.01	1615	140	4	<5	<20	178	<.01	<10	21	<10	<1	30
366 - 2	72960	5	.4	9.49	5	2	25	<5	4.50	<1	21	53	21	5.44	.09	10	1.81	1274	<1	.03	30	1560	4	<5	<20	208	<.01	<10	69	<10	11	93

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	A(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
357 - 1	72899	5	.2	.55	5	2	25	<5	.76	<1	4	226	9	1.23	.07	<10	.69	338	15	.03	12	310	14	<5	<20	7	.01	<10	16	<10	3	118
357 - 2	72900	5	.2	.77	5	2	20	<5	.27	<1	8	204	29	1.71	.05	10	.65	298	14	.02	12	700	4	<5	<20	6	<.01	<10	41	<10	4	29
357 - 3	72920	10	.4	1.81	5	2	85	<5	3.65	<1	23	20	16	5.70	.87	<10	2.17	1893	2	.05	<1	4010	8	5	<20	34	.19	<10	44	<10	7	130
357 - 4	72921	5	.8	.12	110	2	<5	<5	1.56	<1	59	421	41	2.94	.01	<10	>15.	492	10	.02	868	80	4	25	<20	28	<.01	<10	17	<10	<1	16

NOTE: < = LESS THAN
> = GREATER THAN

CC: STEVE JENSEN

SC91/TECK1

ECO-TECH LABORATORIES LTD.
CLINTON AYERS
LABORATORY MANAGER

ECO-TECH LABORATORIES LTD.
10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

JULY 5, 1991

VALUES IN PPM UNLESS OTHERWISE REPORTED

BEAR GRID SOILS

TECK EXPLORATIONS LTD.- ETK 91-359
960, 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1

ATTENTION: STEVE JENSEN

PROJECT NUMBER: 1701
126 SOIL SAMPLES RECEIVED JUNE 19, 1991

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1-	B3 LON 2+ 00 W	<5	<.2	2.68	<5	10	130	<5	.60	<1	25	157	22	3.54	.36	40	1.52	674	<1	<0.01	187	420	14	5	<20	118	.09	<10	42	<10	9	58
2-	B3 LON 3+ 00 W	<5	<.2	1.49	10	10	105	<5	.81	<1	13	38	21	2.61	.15	70	.61	473	<1	.04	19	2130	12	<5	<20	192	.12	<10	58	<10	11	46
3-	B3 LON 4+ 00 W	<5	<.2	1.16	<5	12	85	<5	2.39	<1	8	19	18	1.55	.26	50	.58	448	<1	.02	9	1210	10	<5	<20	1240	.08	<10	33	<10	8	35
4-	B3 LON 2+ 25 W	<5	<.2	4.58	<5	10	40	<5	.73	<1	36	287	7	4.26	.03	10	9.45	1529	<1	<0.01	365	580	4	<5	<20	63	.01	<10	47	<10	2	47
5-	B3 LON 3+ 25 W	<5	<.2	1.93	<5	10	120	<5	.60	<1	13	38	20	2.62	.16	60	.54	499	<1	.01	20	1420	14	5	<20	139	.13	<10	56	<10	13	48
6-	B3 LON 4+ 25 W	<5	<.2	1.72	<5	10	70	<5	.72	<1	11	27	21	2.23	.20	60	.50	378	<1	.02	12	1450	16	<5	<20	307	.12	<10	44	<10	11	39
7-	B3 LON 2+ 50 W	<5	<.2	1.81	10	10	110	<5	.54	<1	13	39	21	2.55	.24	50	.50	452	<1	.01	21	1050	12	<5	<20	157	.12	<10	51	<10	11	42
8-	B3 LON 3+ 50 W	<5	<.2	1.33	5	10	95	<5	3.40	<1	12	35	24	2.43	.11	70	.64	462	<1	.08	17	2310	12	<5	<20	312	.12	<10	62	<10	11	47
9-	B3 LON 4+ 50 W	<5	<.2	.95	<5	10	55	<5	4.21	<1	5	9	17	.88	.13	30	.31	320	<1	<0.01	5	1130	8	<5	<20	1184	.05	<10	19	<10	5	27
10-	B3 LON 1+ 75 W	<5	<.2	1.32	<5	8	75	<5	.38	<1	9	33	12	1.81	.20	20	.48	361	<1	.02	28	650	8	<5	<20	64	.06	<10	29	<10	7	36
11-	B3 LON 2+ 75 W	<5	<.2	1.85	<5	8	115	<5	.53	<1	13	37	22	2.55	.19	50	.54	466	<1	.02	18	1000	12	<5	<20	128	.12	<10	51	<10	12	52
12-	B3 LON 3+ 75 W	<5	<.2	1.36	5	10	95	<5	2.98	<1	12	35	22	2.42	.10	70	.65	440	<1	.16	16	2570	10	<5	<20	391	.12	<10	63	<10	11	47
13-	B3 L1N 2+ 00 W	<5	<.2	1.49	<5	8	140	<5	.40	<1	15	81	14	2.55	.15	40	.60	472	<1	.01	54	350	12	5	<20	81	.11	<10	48	<10	7	51
14-	B3 L1N 3+ 00 W	<5	<.2	1.76	<5	10	115	<5	.72	<1	14	39	33	2.63	.24	60	.57	643	<1	.01	21	1330	12	<5	<20	140	.12	<10	57	<10	13	51
15-	B3 L1N 4+ 00 W	<5	<.2	2.41	5	12	105	<5	.65	<1	11	16	20	1.89	.23	50	.39	676	<1	.03	8	1330	18	<5	<20	177	.11	<10	38	<10	13	44
16-	B3 L1N 5+ 00 W	<5	<.2	1.90	5	8	90	<5	.90	<1	10	28	24	2.21	.09	90	.50	329	<1	.05	12	2140	16	<5	<20	290	.11	<10	53	<10	13	43
17-	B3 L1N 2+ 25 W	<5	<.2	2.10	10	8	125	<5	.51	<1	15	51	27	3.12	.15	50	.62	456	<1	.01	26	840	14	<5	<20	112	.13	<10	63	<10	12	51
18-	B3 L1N 3+ 25 W	<5	<.2	2.04	<5	10	120	<5	.57	<1	11	20	18	2.01	.26	40	.40	613	<1	.01	12	800	16	<5	<20	211	.10	<10	38	<10	11	47
19-	B3 L1N 4+ 25 W	<5	<.2	4.42	<5	10	70	<5	1.97	<1	25	12	56	3.30	.13	200	1.04	665	2	.34	16	4030	36	<5	<20	523	.27	<10	70	<10	26	64
20-	B3 L1N 1+ 50 W	<5	<.2	1.51	5	10	95	<5	.51	<1	26	207	10	2.15	.15	<10	.83	194	<1	.02	417	850	12	5	<20	84	.06	<10	17	<10	2	72
21-	B3 L1N 2+ 50 W	<5	<.2	1.59	10	8	125	<5	.75	<1	15	40	34	2.58	.26	50	.54	840	<1	<0.01	22	1020	14	<5	<20	133	.12	<10	54	<10	12	53
22-	B3 L1N 3+ 50 W	<5	<.2	2.62	10	10	200	<5	1.20	<1	16	26	28	3.42	.37	40	.81	1446	<1	<0.01	9	1770	12	<5	<20	293	.07	<10	52	<10	14	69
23-	B3 L1N 4+ 50 W	<5	<.2	2.44	<5	8	85	<5	.86	<1	11	17	21	1.99	.16	70	.41	567	<1	.07	9	1640	28	<5	<20	184	.13	<10	39	<10	12	52
24-	B3 L1N 1+ 75 W	<5	<.2	2.43	<5	8	145	<5	.56	<1	19	91	44	3.56	.17	70	1.10	410	<1	<0.01	109	1080	16	5	<20	121	.11	<10	60	<10	15	53
25-	B3 L1N 2+ 75 W	<5	<.2	1.82	5	6	115	<5	.62	<1	13	39	28	2.62	.19	60	.55	487	<1	.01	20	1290	12	<5	<20	142	.12	<10	55	<10	12	46
26-	B3 L1N 3+ 75 W	<5	<.2	2.37	<5	6	120	<5	.40	<1	12	21	16	2.15	.21	40	.39	784	<1	.02	9	700	12	<5	<20	85	.12	<10	42	<10	14	39

TECK EXPLORATIONS LTD.- ETK 91-359

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	
27-	B3 L1N 4+ 75 W	<5	<.2	1.58	<5	6	80	<5	.81	<1	10	30	21	2.19	.13	90	.41	383	<1	.03	12	2250	14	<5	<20	256	.11	<10	54	<10	13	40
28-	B3 L2N 2+ 00 W	<5	<.2	1.55	<5	8	145	<5	.57	<1	11	22	23	2.05	.30	30	.44	1545	<1	.01	14	690	12	<5	<20	95	.07	<10	36	<10	8	50
29-	B3 L2N 3+ 00 W	<5	<.2	2.12	<5	8	120	<5	.43	<1	11	31	19	2.33	.13	50	.43	260	<1	.01	17	1280	10	<5	<20	124	.12	<10	46	<10	10	42
30-	B3 L2N 4+ 00 W	<5	<.2	2.07	<5	8	70	<5	.72	<1	10	12	21	1.67	.11	70	.40	553	<1	.03	8	1920	20	<5	<20	157	.11	<10	32	<10	10	49
31-	B3 L2N 5+ 00 W	<5	<.2	2.36	<5	6	115	<5	.79	<1	10	15	23	1.72	.16	70	.41	444	<1	.04	9	1530	14	<5	<20	249	.11	<10	37	<10	13	38
32-	B3 L2N 2+ 25 W	<5	<.2	1.77	<5	6	110	<5	.45	<1	13	36	26	2.52	.27	50	.51	557	<1	.01	19	600	10	<5	<20	155	.12	<10	49	<10	12	37
33-	B3 L2N 3+ 25 W	<5	<.2	1.89	<5	8	115	<5	.56	<1	13	44	28	2.88	.11	60	.56	400	<1	.02	21	1330	10	<5	<20	151	.13	<10	66	<10	13	45
34-	B3 L2N 4+ 25 W	<5	<.2	2.68	<5	8	170	<5	.49	<1	10	19	14	1.96	.13	50	.35	333	<1	.02	10	1020	14	<5	<20	139	.14	<10	33	<10	13	38
35-	B3 L2N 1+ 50 W	40	.2	1.77	5	8	130	<5	.84	<1	12	14	36	2.54	.17	<10	.72	1292	<1	<0.01	14	780	58	<5	<20	72	.04	<10	33	<10	8	61
36-	B3 L2N 2+ 50 W	<5	<.2	2.12	<5	10	130	<5	.47	<1	13	36	23	2.56	.16	50	.49	483	<1	.01	19	700	12	<5	<20	112	.14	<10	50	<10	12	46
37-	B3 L2N 3+ 50 W	<5	<.2	2.11	<5	8	85	<5	.43	<1	11	16	10	2.12	.22	30	.42	775	<1	.02	7	620	8	<5	<20	94	.09	<10	38	<10	11	38
38-	B3 L2N 4+ 50 W	<5	<.2	2.48	<5	8	55	<5	1.02	<1	9	4	39	1.24	.12	70	.32	706	<1	.11	5	2410	18	<5	<20	352	.09	<10	22	<10	9	50
39-	B3 L2N 1+ 75 W	<5	<.2	2.77	<5	6	130	<5	.52	<1	18	56	33	3.28	.20	30	1.86	1012	<1	<0.01	56	460	10	<5	<20	66	.05	<10	51	<10	9	54
40-	B3 L2N 2+ 75 W	<5	<.2	1.74	<5	6	110	<5	.41	<1	11	31	18	2.26	.11	40	.45	344	<1	.01	16	870	10	<5	<20	101	.10	<10	43	<10	9	42
41-	B3 L2N 3+ 75 W	<5	<.2	2.05	<5	8	95	<5	.56	<1	10	18	15	1.95	.24	50	.37	352	<1	.01	9	790	14	<5	<20	154	.10	<10	29	<10	10	36
42-	B3 L2N 4+ 75 W	<5	<.2	1.77	<5	8	100	<5	.75	<1	10	18	20	1.79	.19	60	.35	450	<1	.02	9	1690	16	<5	<20	180	.10	<10	36	<10	11	36
43-	B3 L3N 2+ 00 W	<5	<.2	1.83	5	6	125	<5	.43	<1	12	32	22	2.39	.16	40	.48	574	<1	<0.01	17	540	12	<5	<20	87	.10	<10	43	<10	12	45
44-	B3 L3N 3+ 00 W	<5	<.2	1.70	10	6	115	<5	.35	<1	10	28	18	2.09	.15	30	.38	436	<1	.01	16	830	10	<5	<20	104	.09	<10	37	<10	8	47
45-	B3 L3N 4+ 00 W	<5	<.2	2.02	<5	6	125	<5	.46	<1	8	12	13	1.48	.12	30	.28	389	<1	.02	7	1000	14	<5	<20	196	.09	<10	23	<10	9	26
46-	B3 L3N 5+ 00 W	<5	<.2	2.57	<5	6	125	<5	.74	<1	10	13	18	1.76	.14	60	.41	559	<1	.02	8	1420	20	<5	<20	194	.10	<10	30	<10	13	40
47-	B3 L3N 2+ 25 W	<5	<.2	1.64	15	8	115	<5	.49	<1	12	36	20	2.53	.17	50	.52	415	<1	<0.01	17	840	12	<5	<20	139	.10	<10	48	<10	10	38
48-	B3 L3N 3+ 25 W	<5	<.2	1.77	10	6	115	<5	.42	<1	11	30	21	2.20	.13	30	.42	450	<1	.01	17	1050	10	<5	<20	119	.09	<10	42	<10	9	56
49-	B3 L3N 4+ 25 W	<5	<.2	2.20	<5	8	95	<5	.69	<1	8	8	20	1.32	.11	40	.26	531	<1	.02	6	2110	18	<5	<20	173	.09	<10	20	<10	8	43
50-	B3 L3N 1+ 50 W	<5	<.2	1.50	20	8	425	<5	.68	<1	11	8	14	2.87	.14	10	.47	474	<1	<0.01	12	3350	8	<5	<20	146	.04	<10	36	<10	16	102
51-	B3 L3N 2+ 50 W	<5	<.2	1.70	10	8	130	<5	.45	<1	12	34	20	2.40	.07	40	.49	455	<1	<0.01	18	1330	10	<5	<20	119	.08	<10	45	<10	8	60
52-	B3 L3N 3+ 50 W	<5	<.2	.36	5	8	70	<5	.71	<1	3	3	9	.57	.06	<10	.11	481	<1	<0.01	2	1260	<2	<5	<20	206	.03	<10	12	<10	3	18
53-	B3 L3N 4+ 50 W	<5	<.2	1.58	<5	8	80	<5	.77	<1	7	8	18	1.18	.09	40	.30	387	<1	.02	6	1070	10	<5	<20	215	.07	<10	24	<10	8	32
54-	B3 L3N 1+ 75 W	<5	<.2	1.72	15	6	195	<5	.91	<1	11	22	20	2.31	.30	20	.46	887	<1	<0.01	13	700	8	<5	<20	81	.07	<10	34	<10	9	58
55-	B3 L3N 2+ 75 W	<5	<.2	1.71	10	6	105	<5	.40	<1	10	25	17	1.95	.15	20	.36	344	<1	.01	16	880	10	<5	<20	114	.09	<10	34	<10	7	47
56-	B3 L3N 3+ 75 W	<5	<.2	1.96	<5	6	110	<5	.39	<1	9	21	12	1.95	.10	40	.38	288	<1	.02	10	620	12	<5	<20	178	.10	<10	32	<10	9	32
57-	B3 L3N 4+ 75 W	<5	<.2	1.00	<5	8	55	<5	1.11	<1	5	4	19	.80	.11	20	.24	466	<1	.02	4	1700	12	<5	<20	209	.03	<10	15	<10	4	51
58-	B3 L4N 2+ 00 W	<5	<.2	2.60	10	8	130	<5	.63	<1	21	60	38	3.33	.31	30	1.31	812	<1	<0.01	47	630	12	<5	<20	166	.05	<10	39	<10	12	66
59-	B3 L4N 3+ 00 W	<5	<.2	1.43	15	8	115	<5	.62	<1	14	52	39	3.12	.16	50	.60	462	<1	<0.01	25	1880	10	<5	<20	154	.09	<10	68	<10	11	60
60-	B3 L4N 4+ 00 W	<5	<.2	2.68	<5	8	150	<5	1.48	<1	11	10	26	1.55	.14	60	.44	825	<1	.02	8	3930	18	<5	<20	579	.09	<10	24	<10	9	57
61-	B3 L4N 2+ 25 W	<5	<.2	2.03	15	8	115	<5	.71	<1	17	41	30	2.46	.23	30	.75	745	<1	<0.01	30	960	10	<5	<20	179	.07	<10	37	<10	9	55
62-	B3 L4N 3+ 25 W	<5	<.2	1.37	10	8	90	<5	.39	<1	7	15	13	1.42	.11	20	.28	375	<1	.01	9	1180	8	<5	<20	99	.07	<10	26	<10	6	45
63-	B3 L4N 4+ 25 W	<5	<.2	1.87	<5	8	130	<5	.61	<1	8	9	18	1.37	.10	40	.32	1012	<1	.01	6	1750	16	<5	<20	215	.07	<10	23	<10	7	58

TECK EXPLORATIONS LTD.- ETK 91-359

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	
64-	B3 L4N 1+ 50 W	<5	<.2	1.43	10	10	70	<5	.83	<1	10	27	16	2.04	.16	30	.44	241	<1	<0.01	14	620	10	<5	<20	148	.07	<10	35	<10	6	42
65-	B3 L4N 2+ 50 W	<5	<.2	1.05	<5	10	95	<5	4.78	<1	8	18	17	1.43	.19	30	.50	361	<1	<0.01	11	890	6	<5	<20	1526	.04	<10	24	<10	6	36
66-	B3 L4N 3+ 50 W	<5	<.2	1.65	5	8	95	<5	.50	<1	8	17	16	1.71	.14	20	.32	447	<1	.01	10	1430	10	<5	<20	175	.07	<10	26	<10	7	47
67-	B3 L4N 4+ 50 W	<5	<.2	1.61	<5	8	95	<5	.61	<1	6	8	13	1.15	.11	20	.23	485	<1	<0.01	5	1310	10	<5	<20	123	.07	<10	19	<10	7	36
68-	B3 L4N 1+ 75 W	<5	<.2	1.77	10	6	125	<5	.44	<1	12	28	17	2.12	.15	30	.53	565	<1	<0.01	18	620	12	<5	<20	98	.08	<10	34	<10	7	65
69-	B3 L4N 2+ 75 W	<5	<.2	1.72	10	10	85	<5	.37	<1	10	25	14	2.10	.20	30	.34	308	<1	.01	13	440	10	<5	<20	203	.09	<10	31	<10	7	37
70-	B3 L4N 3+ 75 W	<5	<.2	2.13	10	8	105	<5	.47	<1	11	23	14	2.17	.15	50	.40	439	<1	.01	11	920	14	<5	<20	136	.11	<10	40	<10	11	44
71-	B3 L5N 2+ 00 W	<5	<.2	1.34	20	10	150	<5	.64	<1	15	17	50	1.71	.16	10	.67	823	<1	<0.01	26	810	12	<5	<20	73	.03	<10	26	<10	5	75
72-	B3 L5N 3+ 00 W	<5	<.2	1.34	15	8	110	<5	.41	<1	10	29	18	2.13	.16	40	.40	495	<1	<0.01	15	790	8	<5	<20	122	.08	<10	41	<10	8	40
73-	B3 L5N 4+ 00 W	<5	<.2	1.79	<5	10	100	<5	.95	<1	9	13	20	1.55	.19	50	.40	419	<1	.02	8	1860	14	<5	<20	300	.08	<10	27	<10	8	38
74-	B3 L5N 2+ 25 W	<5	<.2	1.74	10	8	120	<5	.36	<1	11	28	12	2.43	.28	40	.56	472	<1	<0.01	11	390	12	<5	<20	93	.08	<10	44	<10	8	58
75-	B3 L5N 3+ 25 W	<5	<.2	1.29	20	8	105	<5	.60	<1	12	36	24	2.45	.17	50	.58	503	<1	.02	19	1580	10	<5	<20	131	.08	<10	52	<10	9	44
76-	B3 L5N 4+ 25 W	<5	<.2	2.01	5	8	80	<5	.66	<1	10	11	17	1.61	.14	60	.42	482	<1	.03	7	1200	18	<5	<20	163	.10	<10	28	<10	10	35
77-	B3 L5N 1+ 50 W	<5	<.2	1.43	20	8	70	<5	.70	<1	16	56	41	2.88	.18	50	.87	480	<1	<0.01	33	1590	10	<5	<20	121	.07	<10	53	<10	10	48
78-	B3 L5N 2+ 50 W	<5	<.2	1.15	10	8	90	<5	.41	<1	8	22	11	1.72	.19	30	.36	450	<1	.01	11	690	8	<5	<20	195	.07	<10	28	<10	5	34
79-	B3 L5N 3+ 50 W	<5	<.2	1.70	15	8	105	<5	.55	<1	15	43	37	2.81	.19	60	.57	684	<1	<0.01	22	1160	14	<5	<20	113	.10	<10	61	<10	14	51
80-	B3 L5N 4+ 50 W	<5	<.2	2.70	<5	8	110	<5	.95	<1	13	20	23	2.33	.23	90	.54	591	<1	.02	12	2250	22	<5	<20	225	.12	<10	43	<10	15	47
81-	B3 L5N 1+ 75 W	<5	.2	.43	10	8	185	<5	.60	<1	5	4	19	.63	.07	<10	.11	962	<1	<0.01	4	930	4	<5	<20	92	.03	<10	13	<10	2	61
82-	B3 L5N 2+ 75 W	<5	<.2	.46	<5	8	55	<5	5.71	<1	3	8	9	.64	.10	10	.27	149	<1	<0.01	5	460	2	<5	<20	956	.02	<10	12	<10	2	22
83-	B3 L5N 3+ 75 W	<5	<.2	1.53	10	6	85	<5	.80	<1	10	13	15	1.61	.19	30	.33	852	<1	<0.01	7	780	12	<5	<20	158	.07	<10	29	<10	9	45
84-	B3 L6N 2+ 00 W	<5	<.2	1.71	20	8	145	<5	.71	<1	13	30	28	2.64	.34	60	.62	625	<1	<0.01	16	1000	18	<5	<20	176	.07	<10	47	<10	9	67
85-	B3 L6N 3+ 00 W	<5	<.2	1.81	15	6	135	<5	.42	<1	10	21	17	1.77	.17	30	.34	464	<1	.01	14	1010	14	<5	<20	88	.09	<10	32	<10	10	41
86-	B3 L6N 4+ 00 W	<5	<.2	1.22	<5	8	55	<5	.53	<1	6	5	15	.99	.07	30	.22	390	<1	.02	4	1460	16	<5	<20	155	.06	<10	18	<10	5	33
87-	B3 L6N 5+ 00 W	<5	<.2	2.13	<5	8	110	<5	.58	<1	9	14	14	1.72	.13	60	.32	479	<1	.01	7	1450	18	<5	<20	224	.10	<10	32	<10	11	41
88-	B3 L6N 2+ 25 W	<5	<.2	1.10	10	10	70	<5	2.38	<1	10	28	22	1.93	.16	40	.64	390	<1	.03	15	1110	10	<5	<20	487	.07	<10	39	<10	7	38
89-	B3 L6N 3+ 25 W	<5	<.2	1.90	5	6	150	<5	.52	<1	11	22	26	1.84	.19	30	.36	639	<1	.01	15	960	12	<5	<20	96	.09	<10	32	<10	11	55
90-	B3 L6N 4+ 25 W	<5	<.2	2.32	<5	8	95	<5	.67	<1	10	16	18	1.88	.18	70	.40	450	<1	.02	9	1300	18	<5	<20	180	.11	<10	32	<10	12	41
91-	B3 L6N 2+ 50 W	<5	<.2	.88	15	8	80	<5	4.64	<1	8	24	19	1.63	.09	40	.77	348	<1	.10	12	1770	8	<5	<20	736	.06	<10	39	<10	6	36
92-	B3 L6N 3+ 50 W	<5	<.2	2.03	15	6	135	<5	.50	<1	13	28	32	2.23	.21	40	.42	668	<1	<0.01	18	730	16	<5	<20	102	.10	<10	41	<10	14	60
93-	B3 L6N 4+ 50 W	<5	<.2	2.07	10	6	100	<5	.64	<1	9	10	17	1.54	.14	50	.33	529	<1	.02	7	1130	20	<5	<20	163	.10	<10	28	<10	10	41
94-	B3 L6N 1+ 57 W	<5	<.2	1.73	25	8	120	<5	.68	<1	12	32	24	2.54	.20	30	.55	483	<1	<0.01	19	560	14	<5	<20	128	.08	<10	36	<10	8	67
95-	B3 L6N 1+ 75 W	<5	<.2	1.94	25	6	105	<5	.68	<1	13	33	34	2.82	.24	60	.66	398	<1	<0.01	18	1180	16	<5	<20	159	.07	<10	47	<10	10	62
96-	B3 L6N 2+ 75 W	<5	<.2	1.52	25	6	115	<5	.59	<1	15	43	41	2.76	.19	50	.64	698	<1	<0.01	24	1190	14	<5	<20	113	.09	<10	57	<10	12	52
97-	B3 L6N 3+ 75 W	<5	<.2	1.60	25	6	95	<5	.53	<1	12	30	28	2.22	.22	40	.50	553	<1	<0.01	17	910	12	<5	<20	108	.10	<10	44	<10	11	47
98-	B3 L6N 4+ 75 W	<5	<.2	2.77	20	6	125	<5	.78	<1	11	19	18	2.14	.17	80	.43	465	<1	.02	10	1750	22	<5	<20	219	.12	<10	40	<10	15	50
99-	B3 L450N 2+ 00 W	<5	<.2	2.09	25	8	130	<5	.38	<1	16	33	34	2.61	.23	20	.94	728	<1	<0.01	27	480	12	<5	<20	57	.06	<10	39	<10	11	69
100-	B3 L450N 3+ 00 W	<5	<.2	1.42	25	8	115	<5	.70	<1	14	44	38	2.83	.18	50	.66	563	<1	<0.01	22	1370	12	<5	<20	133	.10	<10	63	<10	10	53

TECK EXPLORATIONS LTD.- ETK 91-359

PAGE 4

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	
101-	B3 L450N 4+ 00 W	<5	<.2	1.81	10	6	85	<5	.51	<1	8	15	14	1.59	.14	40	.32	343	<1	.02	8	790	14	<5	<20	191	.09	<10	26	<10	9	29
102-	B3 L450N 2+ 25 W	<5	<.2	1.81	20	8	140	<5	.40	<1	13	26	16	2.19	.34	30	.52	924	<1	<0.01	15	460	12	<5	<20	77	.09	<10	35	<10	10	46
103-	B3 L450N 3+ 25 W	<5	<.2	1.79	20	6	110	<5	.44	<1	12	36	18	2.52	.15	50	.47	395	<1	<0.01	17	840	12	<5	<20	103	.11	<10	52	<10	10	45
104-	B3 L450N 4+ 25 W	<5	<.2	2.41	5	6	110	<5	.48	<1	8	12	18	1.57	.07	50	.32	299	<1	.03	8	1190	16	<5	<20	189	.10	<10	28	<10	11	35
105-	B3 L450N 1+ 50 W	<5	<.2	1.42	20	8	75	<5	.54	<1	13	43	19	2.61	.17	40	.60	262	<1	<0.01	20	700	12	<5	<20	117	.08	<10	47	<10	8	47
106-	B3 L450N 2+ 50 W	<5	<.2	1.07	10	8	90	<5	4.28	<1	9	27	20	1.84	.11	40	.56	403	<1	<0.01	14	1350	8	<5	<20	654	.07	<10	38	<10	7	39
107-	B3 L450N 3+ 50 W	<5	<.2	1.64	15	8	90	<5	.39	<1	8	16	13	1.60	.10	20	.31	272	<1	.01	10	930	10	<5	<20	143	.08	<10	27	<10	7	40
108-	B3 L450N 4+ 50 W	<5	<.2	1.37	10	8	80	<5	.76	<1	6	10	15	1.19	.09	40	.28	464	<1	.03	6	910	16	<5	<20	262	.07	<10	24	<10	7	43
109-	B3 L450N 1+ 70 W	<5	<.2	1.80	20	8	110	<5	.43	<1	12	26	34	2.31	.21	20	.42	331	<1	<0.01	22	720	10	<5	<20	72	.06	<10	26	<10	9	66
110-	B3 L450N 2+ 75 W	<5	<.2	1.27	20	6	100	<5	.52	<1	12	38	24	2.49	.12	50	.59	436	<1	.01	20	1350	10	<5	<20	127	.08	<10	51	<10	8	39
111-	B3 L450N 3+ 75 W	<5	<.2	2.24	30	6	70	<5	.74	<1	14	28	24	3.36	.16	50	.82	459	<1	<0.01	10	1460	18	<5	<20	165	.06	<10	67	<10	14	52
112-	B3 L550N 2+ 00 W	<5	<.2	1.84	25	8	125	<5	.35	<1	11	22	15	2.10	.19	20	.42	394	<1	<0.01	20	580	12	<5	<20	54	.07	<10	25	<10	5	58
113-	B3 L550N 3+ 00 W	<5	<.2	1.70	25	8	125	<5	.57	<1	14	39	32	2.63	.23	50	.54	620	<1	<0.01	21	1050	12	<5	<20	121	.10	<10	54	<10	12	48
114-	B3 L550N 4+ 00 W	<5	<.2	.53	10	8	30	<5	.74	<1	3	2	14	.62	.05	<10	.13	471	<1	.03	2	1300	6	<5	<20	151	.03	<10	17	<10	2	28
115-	B3 L550N 5+ 00 W	<5	<.2	2.38	<5	8	80	<5	.94	<1	10	10	21	1.66	.15	70	.40	503	<1	.03	8	1730	22	<5	<20	233	.11	<10	31	<10	11	43
116-	B3 L550N 2+ 25 W	<5	<.2	1.70	20	8	115	<5	.25	<1	16	23	19	1.99	.17	20	.46	915	<1	.02	20	420	12	<5	<20	56	.07	<10	29	<10	8	51
117-	B3 L550N 3+ 25 W	<5	<.2	1.76	20	6	130	<5	.45	<1	12	34	21	2.41	.15	40	.48	526														

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD.
CLINTON S. AYERS
LABORATORY MANAGER

ECO-TECH LABORATORIES LTD.
10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

TECK EXPLORATIONS LTD.- ETK 91-367
960, 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1

JULY 11, 1991

ATTENTION: STEVE JENSEN

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT NUMBER: 1701

134 SOIL SAMPLES RECEIVED JUNE 21, 1991

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1-	B 3L7N 2+ 00 W	<5	<.2	2.10	10	8	130	<5	.60	<1	18	40	29	2.94	.28	50	.70	765	<1	.02	25	710	30	<5	<20	113	.11	<10	48	<10	11	74
2-	B 3L7N 3+ 00 W	<5	<.2	2.31	<5	8	170	<5	.68	<1	14	25	35	2.10	.22	40	.45	860	<1	.02	18	1090	26	<5	<20	104	.10	<10	36	<10	14	55
3-	B 3L7N 4+ 00 W	<5	<.2	2.67	<5	8	120	<5	.77	<1	12	16	22	2.03	.21	70	.45	551	<1	.02	10	1770	36	<5	<20	201	.11	<10	34	<10	12	47
4-	B 3L7N 2+ 25W	<5	<.2	2.03	5	8	115	<5	.63	<1	16	42	31	2.97	.32	60	.60	705	<1	.01	21	1110	24	<5	<20	115	.12	<10	55	<10	11	54
5-	B 3L7N 3+ 25W	<5	<.2	2.17	5	8	145	<5	.71	<1	16	39	38	2.78	.27	50	.58	819	<1	.01	21	1230	26	<5	<20	110	.12	<10	57	<10	14	59
6-	B 3L7N 4+ 25W	<5	<.2	2.38	<5	8	65	<5	.84	<1	10	6	22	1.43	.13	70	.38	502	<1	.05	6	1600	36	<5	<20	207	.09	<10	22	<10	9	34
7-	B 3L7N 1+ 50W	<5	<.2	1.91	10	8	115	<5	.64	<1	16	51	33	3.03	.25	40	.79	599	<1	.01	29	850	22	<5	<20	87	.09	<10	50	<10	9	64
8-	B 3L7N 2+ 50W	<5	<.2	1.92	10	8	125	<5	.66	<1	15	43	32	2.92	.21	60	.61	568	<1	.01	22	1540	22	<5	<20	134	.11	<10	61	<10	11	51
9-	B 3L7N 3+ 50W	<5	<.2	2.16	<5	8	155	<5	.63	<1	13	25	22	2.17	.20	40	.42	694	<1	.02	14	1030	26	<5	<20	107	.11	<10	41	<10	12	51
10-	B 3L7N 4+ 50W	<5	<.2	3.81	<5	10	90	<5	.98	<1	14	15	26	2.39	.16	110	.58	527	<1	.10	11	2260	52	<5	<20	261	.15	<10	39	<10	15	48
11-	B 3L7N 1+ 75W	<5	<.2	1.58	55	8	170	<5	.64	<1	47	21	42	2.90	.13	20	.41	2630	2	.01	49	1080	20	<5	<20	69	.05	<10	29	<10	11	93
12-	B 3L7N 2+ 75W	<5	<.2	2.36	<5	8	150	<5	.56	<1	14	34	25	2.64	.21	50	.52	532	<1	.02	20	1090	28	<5	<20	112	.13	<10	50	<10	13	54
13-	B 3L7N 3+ 75W	<5	<.2	1.94	5	8	125	<5	.78	<1	13	26	23	2.31	.21	60	.47	683	<1	.01	15	1440	26	<5	<20	159	.11	<10	45	<10	11	53
14-	B 3L8N 2+ 00 W	5	<.2	2.81	10	8	165	<5	.78	<1	32	78	51	3.83	.28	60	.92	1552	<1	.01	41	1270	30	<5	<20	97	.10	<10	66	<10	20	87
15-	B 3L8N 3+ 00 W	<5	<.2	1.79	5	10	145	<5	.74	<1	13	26	28	2.10	.17	40	.43	764	<1	.01	16	2100	22	<5	<20	126	.09	<10	40	<10	10	57
16-	B 3L8N 4+ 00 W	<5	<.2	2.36	<5	10	115	<5	.79	<1	10	16	20	1.84	.13	50	.40	476	<1	.02	10	1840	30	<5	<20	208	.10	<10	31	<10	10	37
17-	B 3L8N 2+ 25W	5	<.2	2.20	<5	10	135	<5	.63	<1	16	41	34	2.91	.19	60	.61	630	<1	.02	23	1420	26	<5	<20	130	.12	<10	61	<10	13	66
18-	B 3L8N 3+ 25W	<5	<.2	2.13	5	8	140	<5	.68	<1	14	29	34	2.25	.18	50	.48	690	<1	.02	19	1150	24	<5	<20	103	.11	<10	43	<10	13	54
19-	B 3L8N 4+ 25W	<5	<.2	3.01	<5	10	120	<5	.86	<1	12	15	23	2.23	.21	70	.55	409	<1	.03	11	2020	42	<5	<20	182	.13	<10	34	<10	13	41
20-	B 3L8N 1+ 50W	<5	<.2	1.91	<5	12	135	<5	.66	<1	14	58	30	2.32	.31	20	.60	732	<1	.01	33	920	22	<5	<20	112	.08	<10	34	<10	7	62
21-	B 3L8N 2+ 50W	5	<.2	1.39	5	8	105	<5	.67	<1	11	24	25	1.88	.10	40	.36	733	<1	.01	14	1320	18	<5	<20	107	.08	<10	40	<10	8	53
22-	B 3L8N 3+ 50W	<5	<.2	1.95	10	8	135	<5	.76	<1	16	42	34	2.92	.16	60	.66	667	<1	.02	22	1690	24	<5	<20	151	.12	<10	63	<10	13	59
23-	B 3L8N 1+ 75W	5	<.2	1.94	10	12	140	<5	.78	<1	17	87	33	2.50	.40	20	1.10	1135	<1	<0.01	38	910	24	<5	<20	81	.04	<10	39	<10	7	59
24-	B 3L8N 2+ 75W	<5	<.2	2.06	<5	8	140	<5	.60	<1	12	28	21	2.25	.16	40	.47	544	<1	.02	16	1270	24	<5	<20	148	.11	<10	43	<10	9	48
25-	B 3L8N 3+ 75W	<5	<.2	2.02	<5	10	110	<5	.58	<1	10	17	17	1.84	.15	40	.38	453	<1	.02	10	1270	26	<5	<20	186	.10	<10	33	<10	9	39
26-	B 3L9N 1+ 00 W	<5	<.2	.90	<5	8	95	<5	8.46	<1	7	15	42	1.12	.09	30	.31	518	<1	<0.01	9	1150	8	<5	<20	300	.03	<10	23	<10	8	52

TECK EXPLORATIONS LTD.- ETK 91-367

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
27-	B 3L9N 2+ 00 W	<5	<.2	2.68	15	8	125	<5	.70	<1	27	48	67	4.09	.33	60	.91	1106	<1	.01	42	890	40	<5	<20	62	.06	<10	39	<10	16	88
28-	B 3L9N 3+ 00 W	<5	<.2	.77	<5	8	20	<5	.25	<1	5	6	10	.97	.03	10	.17	197	<1	.03	5	630	8	<5	<20	27	.05	<10	23	<10	3	29
29-	B 3L9N 4+ 00 W	<5	<.2	1.91	<5	8	115	<5	.71	<1	10	20	16	1.87	.16	50	.36	459	<1	.01	11	2380	26	<5	<20	170	.09	<10	34	<10	9	39
30-	B 3L9N 1+ 25W	<5	<.2	1.64	<5	10	110	<5	.60	<1	9	18	24	1.57	.14	30	.35	402	<1	.02	14	1180	20	<5	<20	100	.08	<10	27	<10	8	52
31-	B 3L9N 2+ 25W	<5	<.2	1.97	5	6	165	<5	.64	<1	16	42	32	2.83	.19	60	.57	886	<1	.01	24	1370	24	<5	<20	114	.11	<10	58	<10	12	61
32-	B 3L9N 3+ 25W	<5	<.2	1.23	<5	10	75	<5	3.39	<1	9	21	25	1.68	.13	40	.43	436	<1	.01	11	620	14	<5	<20	628	.07	<10	34	<10	8	32
33-	B 3L9N 4+ 25W	<5	<.2	2.16	<5	8	120	<5	.53	<1	10	20	19	1.91	.10	50	.39	465	<1	.02	11	1640	28	<5	<20	137	.10	<10	34	<10	9	49
34-	B 3L9N 1+ 50W	<5	<.2	2.59	<5	10	170	<5	.54	<1	14	33	27	2.45	.29	30	.59	551	<1	.02	22	710	28	<5	<20	109	.13	<10	35	<10	12	73
35-	B 3L9N 2+ 50W	<5	<.2	1.95	5	8	140	<5	.56	<1	14	37	27	2.69	.17	50	.59	524	<1	.02	22	1210	24	<5	<20	126	.11	<10	53	<10	12	50
36-	B 3L9N 3+ 50W	<5	<.2	1.59	5	12	115	<5	1.08	<1	12	30	25	2.26	.25	60	.52	510	<1	.08	15	1600	20	<5	<20	319	.10	<10	47	<10	9	42
37-	B 3L9N 4+ 50W	<5	<.2	2.35	<5	10	130	<5	.75	<1	11	26	20	2.27	.12	70	.47	380	<1	.03	13	1550	30	<5	<20	233	.13	<10	45	<10	12	45
38-	B 3L9N 1+ 75W	<5	<.2	1.94	<5	10	135	<5	.61	<1	16	39	31	2.64	.33	40	.70	789	<1	.02	24	780	26	<5	<20	116	.11	<10	44	<10	11	55
39-	B 3L9N 2+ 75W	<5	<.2	1.99	5	10	130	<5	.59	<1	13	31	28	2.32	.21	40	.46	671	<1	.02	22	1070	22	<5	<20	108	.11	<10	44	<10	11	48
40-	B 3L9N 3+ 75W	<5	<.2	2.28	<5	10	120	<5	.73	<1	11	23	23	2.05	.20	60	.41	494	<1	.02	13	2070	28	<5	<20	177	.12	<10	40	<10	12	49
41-	B 3L11N 1+ 00 W	<5	<.2	1.84	<5	10	165	<5	.59	<1	12	24	25	1.87	.18	30	.43	663	<1	.02	18	1830	22	<5	<20	109	.09	<10	32	<10	9	68
42-	B 3L11N 2+ 00 W	<5	<.2	1.69	10	8	100	<5	.44	<1	22	26	34	2.39	.16	30	.50	1061	<1	.02	20	920	36	<5	<20	59	.08	<10	41	<10	10	61
43-	B 3L11N 3+ 00 W	<5	<.2	2.33	10	10	150	<5	.77	<1	18	45	41	3.00	.25	60	.65	827	<1	.02	26	1680	28	<5	<20	133	.14	<10	65	<10	15	56
44-	B 3L11N 4+ 00 W	<5	<.2	1.96	<5	10	150	<5	.62	<1	10	17	22	1.69	.15	30	.33	570	<1	.02	11	1390	22	<5	<20	160	.10	<10	29	<10	9	39
45-	B 3L11N 1+ 25W	<5	<.2	2.10	<5	10	155	<5	.50	<1	16	39	27	2.62	.30	40	.64	697	<1	.02	22	690	24	<5	<20	99	.13	<10	46	<10	11	57
46-	B 3L11N 2+ 25W	<5	<.2	1.90	10	10	125	<5	.67	<1	16	46	35	3.04	.20	50	.66	663	<1	.02	25	1480	24	<5	<20	118	.12	<10	67	<10	12	50
47-	B 3L11N 3+ 25W	<5	<.2	2.21	10	12	140	<5	.47	<1	18	33	28	2.44	.28	40	.50	1130	<1	.02	20	1680	30	<5	<20	75	.12	<10	48	<10	12	68
48-	B 3L11N 4+ 25W	<5	<.2	2.02	<5	10	135	<5	.54	<1	11	20	22	1.82	.15	40	.37	629	<1	.02	12	1520	24	<5	<20	132	.10	<10	33	<10	10	43
49-	B 3L11N 1+ 50W	<5	<.2	2.20	<5	10	145	<5	.69	<1	16	43	37	2.69	.31	40	.69	726	<1	.02	26	750	24	<5	<20	104	.13	<10	48	<10	12	57
50-	B 3L11N 2+ 50W	<5	<.2	2.14	<5	8	160	<5	.68	<1	15	37	33	2.65	.20	50	.57	609	<1	.02	24	1400	26	<5	<20	116	.13	<10	55	<10	14	48
51-	B 3L11N 3+ 50W	<5	<.2	2.43	<5	10	140	<5	.74	<1	17	39	30	2.89	.18	70	.56	745	<1	.02	21	1650	28	<5	<20	141	.15	<10	61	<10	15	55
52-	B 3L11N 4+ 50W	<5	<.2	1.29	<5	14	155	<5	.81	<1	8	15	24	1.41	.22	30	.27	783	<1	.03	9	2450	14	<5	<20	142	.08	<10	29	<10	6	70
53-	B 3L11N 1+ 75W	<5	<.2	1.97	10	10	115	<5	.63	<1	21	55	37	3.54	.22	60	.74	604	<1	.01	29	1460	26	<5	<20	114	.12	<10	73	<10	11	63
54-	B 3L11N 2+ 75W	<5	<.2	1.83	15	10	140	<5	.85	<1	20	48	62	2.92	.27	60	.75	1018	<1	.02	30	1630	24	<5	<20	124	.13	<10	66	<10	14	59
55-	B 3L11N 3+ 75W	<5	<.2	2.35	<5	8	150	<5	.63	<1	14	35	23	2.67	.17	60	.49	584	<1	.02	17	1300	28	<5	<20	128	.15	<10	56	<10	14	51
56-	B 3L11N 4+ 75W	<5	<.2	2.77	<5	10	180	<5	.75	<1	15	31	26	2.63	.36	70	.60	663	<1	.02	18	1670	32	<5	<20	195	.14	<10	47	<10	14	56
57-	B 3L12N 1+ 00 W	<5	<.2	1.77	<5	10	155	<5	.60	<1	12	30	21	2.15	.14	30	.48	416	<1	.02	18	2620	22	<5	<20	134	.10	<10	39	<10	9	75
58-	B 3L12N 2+ 00 W	<5	<.2	1.93	15	8	130	<5	1.22	<1	22	95	61	3.98	.21	60	1.06	590	<1	.06	31	1940	24	5	<20	166	.16	<10	100	<10	11	58
59-	B 3L12N 3+ 00 W	<5	<.2	1.90	10	10	125	<5	.65	<1	13	34	21	2.57	.16	60	.51	465	<1	.02	16	1870	26	<5	<20	145	.14	<10	56	<10	12	48
60-	B 3L12N 4+ 00 W	<5	<.2	1.80	<5	8	150	<5	.79	<1	10	21	20	1.81	.18	40	.36	628	<1	.01	11	1480	22	<5	<20	134	.10	<10	36	<10	9	51
61-	B 3L12N 1+ 25W	<5	<.2	.40	<5	10	55	<5	.52	<1	4	4	16	.67	.06	<10	.10	270	<1	.02	3	720	6	<5	<20	56	.04	<10	18	<10	2	31
62-	B 3L12N 2+ 25W	<5	<.2	1.58	15	10	115	<5	.85	<1	19	66	47	3.84	.18	70	.91	711	<1	.02	28	1940	22	<5	<20	141	.13	<10	96	<10	11	61
63-	B 3L12N 3+ 25W	<5	<.2	2.03	<5	10	145	<5	.67	<1	12	30	21	2.40	.21	60	.49	520	<1	.02	15	1710	24	<5	<20	160	.13	<10	49	<10	11	45

TECK EXPLORATIONS LTD.- ETK 91-367

PAGE 3

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
64-	B 3L12N 1+ 50W	<5	<.2	2.15	<5	10	115	<5	.53	<1	16	57	25	2.21	.17	30	.55	844	<1	.02	24	700	24	5	<20	61	.09	<10	41	<10	8	45
65-	B 3L12N 2+ 50W	<5	<.2	2.09	15	10	135	<5	.65	<1	16	46	26	3.05	.13	60	.54	602	<1	.02	22	1800	24	<5	<20	127	.13	<10	68	<10	12	52
66-	B 3L12N 3+ 50W	<5	<.2	1.67	<5	10	135	<5	.81	<1	12	28	22	2.26	.26	50	.47	600	<1	.02	14	1770	20	<5	<20	182	.12	<10	48	<10	10	45
67-	B 3L12N 1+ 75W	<5	<.2	2.08	5	10	130	<5	.58	<1	16	42	33	3.02	.29	50	.62	656	<1	.02	22	1090	24	<5	<20	111	.13	<10	61	<10	11	52
68-	B 3L12N 2+ 75W	<5	<.2	1.52	5	10	145	<5	.69	<1	10	27	19	2.01	.20	40	.38	740	<1	.01	13	1960	18	<5	<20	110	.10	<10	42	<10	7	56
69-	B 3L12N 3+ 75W	<5	<.2	1.69	<5	10	130	<5	.75	<1	10	25	21	2.04	.15	50	.41	583	<1	.02	13	1740	20	<5	<20	153	.10	<10	44	<10	9	45
70-	B 3L13N 1+ 00 W	<5	<.2	2.10	<5	10	170	<5	.46	<1	11	17	18	1.68	.18	30	.33	698	<1	.02	13	940	24	<5	<20	80	.09	<10	25	<10	10	50
71-	B 3L13N 2+ 00 W	<5	<.2	1.90	5	10	140	<5	.61	<1	17	31	29	2.51	.30	40	.53	1030	<1	.02	19	860	28	<5	<20	78	.10	<10	44	<10	11	68
72-	B 3L13N 3+ 00 W	<5	<.2	1.94	5	10	135	<5	.77	<1	14	34	29	2.60	.20	60	.50	586	<1	.02	19	1960	24	<5	<20	140	.13	<10	58	<10	12	56
73-	B 3L13N 4+ 00 W	<5	<.2	2.47	<5	10	175	<5	.73	<1	13	34	25	2.58	.27	60	.50	644	<1	.01	16	1690	28	<5	<20	148	.12	<10	51	<10	13	55
74-	B 3L13N 1+ 25W	<5	<.2	1.46	<5	10	110	<5	.38	<1	11	17	14	1.62	.18	20	.30	925	<1	.02	11	650	20	<5	<20	52	.08	<10	28	<10	5	49
75-	B 3L13N 2+ 25W	<5	<.2	2.67	<5	10	165	<5	.64	<1	18	40	43	3.05	.28	50	.67	780	<1	.02	25	1090	30	<5	<20	112	.13	<10	55	<10	14	65
76-	B 3L13N 3+ 25W	<5	<.2	1.80	15	12	130	<5	.66	<1	12	27	24	2.11	.16	40	.41	655	<1	.02	15	1060	22	<5	<20	108	.10	<10	44	<10	9	54
77-	B 3L13N 4+ 25W	<5	<.2	2.24	15	10	160	<5	.80	<1	15	39	31	2.88	.27	70	.63	684	<1	.01	19	1640	28	<5	<20	174	.14	<10	62	<10	13	59
78-	B 3L13N 1+ 50W	<5	<.2	2.10	20	10	175	<5	.75	<1	22	16	37	2.15	.30	30	.39	1554	<1	.02	19	950	38	<5	<20	77	.08	<10	29	<10	14	74
79-	B 3L13N 2+ 50W	<5	<.2	1.54	15	10	125	<5	.69	<1	15	36	34	2.45	.20	50	.54	764	<1	.01	22	1300	20	<5	<20	101	.11	<10	54	<10	10	58
80-	B 3L13N 3+ 50W	<5	<.2	1.71	10	10	135	<5	.71	<1	11	30	21	2.28	.21	50	.48	536	<1	.01	15	1750	22	<5	<20	160	.11	<10	50	<10	9	45
81-	B 3L13N 4+ 75W	<5	<.2	2.00	10	10	115	<5	.69	<1	10	23	17	2.01	.16	50	.36	500	<1	.02	10	1400	24	<5	<20	144	.13	<10	42	<10	9	41
82-	B 3L13N 1+ 75W	<5	<.2	1.99	15	12	140	<5	.61	<1	16	27	24	2.40	.36	40	.48	1159	<1	.02	19	810	28	<5	<20	74	.10	<10	38	<10	10	63
83-	B 3L13N 2+ 75W	<5	<.2	1.78	15	10	140	<5	.66	<1	13	39	22	2.70	.13	50	.54	551	<1	.01	19	2040	22	<5	<20	134	.12	<10	61	<10	10	54
84-	B 3L13N 3+ 75W	<5	<.2	2.05	10	10	140	<5	.71	<1	12	31	23	2.41	.19	60	.47	603	<1	.01	15	1650	24	<5	<20	143	.12	<10	50	<10	11	50
85-	B 3L13N 4+ 75W	<5	<.2	2.24	15	10	140	<5	.81	<1	12	28	21	2.35	.17	60	.46	573	<1	.01	13	1850	28	<5	<20	162	.14	<10	50	<10	11	50

ECO-TECH LABORATORIES LTD.
10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

R E V I S E D
(To reflect correction of descriptions only)

TECK EXPLORATIONS LTD.- ETK 91-356
960, 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1

JUNE 24, 1991

ATTENTION: STEVE JENSEN

VALUES IN PPM UNLESS OTHERWISE REPORTED

UPPER BUBAR CREEK GRID SOILS.

PROJECT NUMBER: 1701
71 SOIL SAMPLES RECEIVED JUNE 17, 1991

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
356 - 1	LOS 0+ OO E	<5	.2	2.12	5	2	170	<5	.41	<1	11	27	19	2.45	.14	20	.46	747	2	.03	21	1430	14	5	<20	51	.08	<10	43	<10	9	84
356 - 2	LOS 1+ OO E	<5	.2	1.82	<5	2	145	<5	.33	<1	9	18	16	1.83	.10	10	.29	705	<1	.03	12	1770	10	5	<20	59	.08	<10	33	<10	7	47
356 - 3	LOS 2+ OO E	<5	.2	1.69	5	4	125	<5	.44	<1	10	26	15	2.11	.08	10	.38	610	2	.03	17	1930	8	5	<20	78	.08	<10	41	<10	6	114
356 - 4	LOS 3+ OO E	<5	.2	1.86	5	2	130	<5	.32	1	11	27	16	2.42	.13	20	.41	471	1	.02	19	1640	12	5	<20	47	.09	<10	48	<10	7	80
356 - 5	LOS 0+ 50E	<5	.2	1.70	5	6	150	<5	.42	1	10	24	16	2.00	.14	10	.38	661	1	.03	17	1640	10	5	<20	49	.08	<10	39	<10	6	60
356 - 6	LOS 1+ 50E	<5	.2	1.58	5	2	125	<5	.38	1	8	18	14	1.65	.11	10	.26	542	<1	.03	13	1500	8	5	<20	59	.08	<10	28	<10	5	54
356 - 7	LOS 2+ 50E	<5	.2	1.95	5	6	145	<5	.40	<1	10	29	17	2.08	.12	20	.38	488	1	.03	19	1370	10	5	<20	60	.09	<10	42	<10	8	72
356 - 8	LOS 3+ 50E	<5	.2	2.13	5	2	140	<5	.44	<1	9	18	14	1.89	.11	20	.33	280	<1	.04	12	380	12	5	<20	106	.09	<10	35	<10	8	59
356 - 9	L10S 1+ 00 E	<5	.2	1.91	5	2	140	<5	.42	1	11	26	21	2.30	.10	30	.43	671	1	.03	19	1520	14	5	<20	84	.09	<10	44	<10	8	79
356 - 10	L10S 2+ 00 E	<5	.2	.79	5	6	105	<5	4.51	<1	4	10	45	1.07	.07	20	.28	623	1	.05	9	740	8	<5	<20	608	.04	<10	22	<10	10	46
356 - 11	L10S 3+ 00 E	<5	.2	.96	5	4	60	<5	3.40	<1	4	10	26	.85	.04	20	.21	105	<1	.07	6	540	6	<5	<20	527	.04	<10	16	<10	11	35
356 - 12	L10S 4+ 00 E	<5	.2	1.44	10	6	240	<5	1.41	1	10	44	28	2.06	.12	30	.49	1407	1	.03	12	3390	10	<5	<20	911	.06	<10	45	<10	11	83
356 - 13	L10S 1+ 50E	<5	.2	1.57	10	4	120	<5	.43	1	8	18	16	1.82	.09	20	.28	464	1	.03	11	1650	12	5	<20	85	.08	<10	33	<10	7	68
356 - 14	L10S 2+ 50E	<5	.2	1.60	5	4	105	<5	.35	<1	9	23	13	2.03	.10	10	.35	503	<1	.03	15	1250	12	5	<20	80	.08	<10	37	<10	5	53
356 - 15	L10S 3+ 50E	<5	.2	1.37	10	4	100	<5	.38	1	13	42	23	2.99	.10	30	.56	433	<1	.02	25	1290	10	<5	<20	59	.08	<10	57	<10	7	60
356 - 16	L12S 1+ 50E	<5	.2	2.16	5	4	170	<5	.42	1	12	29	16	2.54	.15	30	.44	635	1	.03	17	1130	12	5	<20	86	.10	<10	48	<10	9	101
356 - 17	L12S 2+ 00 E	<5	.2	1.97	10	2	160	<5	.49	2	8	11	14	1.77	.07	30	.27	419	1	.03	8	1060	12	5	<20	158	.08	<10	31	<10	8	59
356 - 18	L12S 3+ 00 E	<5	.2	2.37	10	2	225	<5	.47	1	6	13	11	1.87	.12	40	.24	519	<1	.03	11	1290	22	5	<20	89	.07	<10	31	<10	7	87
356 - 19	L12S 4+ 00 E	<5	.2	1.77	5	4	145	<5	.39	<1	9	20	14	1.96	.14	10	.33	494	1	.03	15	1010	10	5	<20	67	.09	<10	36	<10	7	64
356 - 20	L12S 5+ 00 E	<5	.2	1.30	5	4	130	<5	.40	1	7	13	12	1.44	.08	10	.25	623	2	.03	10	1430	6	<5	<20	73	.07	<10	31	<10	4	56
356 - 21	L12S 6+ 00 E	<5	.2	1.70	10	4	130	<5	.37	1	11	30	13	2.42	.19	20	.52	572	1	.02	15	620	10	5	<20	72	.10	<10	53	<10	5	81
356 - 22	L12S 7+ 00 E	<5	.2	1.61	5	4	150	<5	.31	<1	10	23	16	1.98	.11	10	.39	552	1	.02	14	1410	10	<5	<20	56	.09	<10	40	<10	5	65
356 - 23	L12S 1+ 50E	<5	.2	2.54	10	2	145	<5	.38	1	11	24	19	2.19	.09	30	.40	374	1	.03	18	1330	12	<5	<20	61	.11	<10	43	<10	9	62
356 - 24	L12S 2+ 50E	<5	.2	1.64	10	2	175	<5	.82	1	10	22	19	1.87	.14	40	.43	1052	1	.03	16	1900	14	<5	<20	138	.06	<10	36	<10	6	85
356 - 25	L12S 3+ 50E	<5	.2	2.31	5	2	120	<5	.37	1	10	22	17	2.18	.08	20	.35	291	1	.03	15	1580	10	5	<20	60	.11	<10	47	<10	8	58
356 - 26	L12S 4+ 50E	<5	.2	1.28	10	4	110	<5	.38	<1	8	15	13	1.51	.07	10	.25	722	1	.03	9	1750	8	<5	<20	104	.08	<10	33	<10	4	54

TECK EXPLORATIONS LTD.- ETK 91-356

PAGE 2

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
356 - 27	L12S 5+ 50E	<5	.2	1.29	10	2	155	<5	.43	<1	10	25	13	2.05	.12	20	.38	891	1	.02	13	620	12	5	<20	67	.07	<10	45	<10	5	81
356 - 28	L12S 6+ 50E	<5	.2	1.48	5	2	145	<5	.35	<1	11	26	16	2.11	.09	20	.42	629	1	.03	17	920	10	5	<20	56	.08	<10	45	<10	6	68
356 - 29	L2SS 0+ 00 E	<5	.4	2.65	10	4	265	<5	.51	<1	15	14	23	2.06	.17	20	.30	811	1	.03	19	1340	42	5	<20	111	.12	<10	33	<10	16	144
356 - 30	L2SS 1+ 00 E	<5	.2	1.49	10	2	135	<5	.44	<1	10	20	14	1.76	.13	20	.31	686	2	.02	13	1380	14	5	<20	56	.07	<10	35	<10	5	95
356 - 31	L2SS 2+ 00 E	<5	.2	1.99	5	2	115	<5	.37	<1	11	18	17	2.13	.11	30	.43	545	1	.03	14	1290	10	5	<20	57	.09	<10	44	<10	6	57
356 - 32	L2SS 3+ 00 E	<5	.2	1.89	5	4	115	<5	.34	1	9	21	13	1.78	.09	10	.29	393	1	.03	15	1900	10	5	<20	70	.09	<10	33	<10	6	67
356 - 33	L2SS 4+ 00 E	<5	.2	1.80	5	6	110	<5	.55	<1	7	8	11	1.78	.17	30	.30	388	1	.04	6	1250	12	<5	<20	220	.08	<10	34	<10	4	73
356 - 34	L2SS 0+ 50E	<5	.2	1.51	5	2	125	<5	.34	1	11	23	13	1.99	.12	10	.38	690	1	.03	16	1330	10	5	<20	45	.07	<10	38	<10	4	73
356 - 35	L2SS 1+ 50E	<5	.2	2.00	10	4	120	<5	.32	<1	10	21	14	1.87	.07	20	.34	544	1	.03	14	1400	8	5	<20	68	.09	<10	38	<10	7	79
356 - 36	L2SS 2+ 50E	<5	.2	1.72	10	2	130	<5	.33	<1	11	27	16	2.06	.06	20	.40	570	1	.03	18	1160	10	5	<20	48	.09	<10	43	<10	6	74
356 - 37	L2SS 3+ 50E	<5	.2	1.56	5	<2	160	<5	.36	<1	8	24	10	1.87	.10	20	.31	736	1	.03	12	1530	10	5	<20	89	.07	<10	37	<10	4	93
356 - 38	L4S 0+ 00 E	<5	.2	2.02	5	4	150	<5	.38	<1	10	21	19	1.96	.11	10	.33	409	1	.03	18	710	8	5	<20	87	.09	<10	36	<10	7	105
356 - 39	L4S 1+ 00 E	<5	<.2	1.16	10	8	160	<5	.48	<1	6	10	16	1.25	.06	10	.21	1568	<1	<0.01	6	1760	8	<5	<20	99	.01	<10	25	<10	2	78
356 - 40	L4S 2+ 00 E	<5	<.2	1.96	10	8	160	<5	.50	<1	12	29	13	2.08	.15	30	.39	839	<1	<0.01	17	1290	14	<5	<20	61	.08	<10	34	<10	8	88
356 - 41	L4S 3+ 00 E	<5	<.2	1.42	<5	8	85	<5	.57	<1	7	16	13	1.42	.07	20	.25	265	<1	.02	9	290	10	<5	<20	161	.07	<10	26	<10	6	25
356 - 42	L4S 4+ 00 E	<5	<.2	2.83	10	6	175	<5	.32	<1	12	29	16	2.36	.09	40	.44	501	<1	.01	17	810	18	<5	<20	96	.13	<10	42	<10	11	51
356 - 43	L4S 0+ 50E	<5	<.2	1.91	10	8	130	<5	.45	<1	12	27	19	2.06	.19	20	.44	588	<1	.01	18	920	14	<5	<20	79	.08	<10	35	<10	10	48
356 - 44	L4S 1+ 50E	<5	<.2	2.27	10	6	135	<5	.43	<1	11	22	16	1.95	.11	30	.38	497	<1	.01	14	1390	16	5	<20	61	.10	<10	35	<10	10	50
356 - 45	L4S 2+ 50E	<5	<.2	2.05	10	8	160	<5	.59	<1	11	27	14	2.06	.12	30	.40	665	<1	<0.01	16	2460	14	<5	<20	73	.09	<10	34	<10	9	81
356 - 46	L4S 3+ 50E	<5	<.2	1.79	5	8	120	<5	.44	<1	9	11	13	1.88	.29	70	.33	350	<1	.01	6	830	14	<5	<20	133	.07	<10	26	<10	8	56
356 - 47	L6S 1+ 00 E	<5	<.2	2.33	10	6	220	<5	.52	<1	15	37	24	2.55	.22	30	.55	980	<1	<0.01	25	1030	14	5	<20	79	.09	<10	39	<10	11	63
356 - 48	L6S 2+ 00 E	<5	<.2	2.21	10	8	125	<5	.35	<1	12	24	20	2.07	.10	20	.39	572	<1	.01	17	1190	16	<5	<20	44	.09	<10	34	<10	10	59
356 - 49	L6S 3+ 00 E	<5	<.2	1.88	15	8	150	<5	.51	<1	10	20	17	1.87	.13	20	.36	683	<1	.01	13	1510	14	<5	<20	81	.08	<10	33	<10	8	73
356 - 50	L6S 4+ 00 E	<5	<.2	1.91	5	6	100	<5	.50	<1	10	18	13	1.91	.16	50	.41	454	<1	.01	10	740	16	<5	<20	160	.08	<10	31	<10	8	49
356 - 51	L6S 5+ 00 E	<5	<.2	1.57	15	8	105	<5	.40	<1	11	32	10	2.18	.14	20	.48	473	<1	<0.01	15	460	12	<5	<20	84	.09	<10	42	<10	6	40
356 - 52	L6S 6+ 00 E	<5	<.2	2.04	15	6	135	<5	.32	<1	11	27	13	2.06	.11	30	.41	428	<1	.01	16	1170	14	<5	<20	51	.11	<10	37	<10	9	45
356 - 53	L6S 1+ 50E	<5	<.2	2.10	10	8	200	<5	.55	<1	11	24	19	1.96	.16	20	.39	915	<1	<0.01	15	1910	12	5	<20	84	.09	<10	30	<10	8	60
356 - 54	L6S 2+ 50E	<5	<.2	2.46	15	6	160	<5	.49	<1	14	32	21	2.55	.12	30	.52	665	<1	<0.01	20	1450	18	5	<20	59	.10	<10	43	<10	11	72
356 - 55	L6S 3+ 50E	<5	<.2	1.43	5	8	100	<5	.47	<1	9	21	11	1.77	.09	20	.34	224	<1	.02	11	230	10	<5	<20	196	.08	<10	30	<10	7	42
356 - 56	L6S 4+ 50E	<5	<.2	3.28	<5	8	135	<5	.68	<1	16	20	20	2.55	.19	100	.65	826	<1	.02	12	1270	20	<5	<20	112	.15	<10	43	<10	16	61
356 - 57	L6S 5+ 50E	<5	<.2	1.83	5	8	90	<5	.41	<1	9	17	12	1.57	.08	20	.29	459	<1	.02	10	780	12	<5	<20	80	.09	<10	25	<10	8	38
356 - 58	L6S 6+ 50E	<5	<.2	2.04	<5	8	125	<5	.35	<1	11	25	15	2.01	.12	30	.40	604	<1	.01	14	950	14	<5	<20	81	.11	<10	37	<10	10	41
356 - 59	L8S 1+ 00 E	<5	<.2	2.03	10	8	245	<5	.95	<1	15	20	26	2.41	.27	80	.65	1511	<1	<0.01	13	2250	20	<5	<20	218	.08	<10	42	<10	9	78
356 - 60	L8S 2+ 00 E	<5	<.2	1.94	10	8	160	<5	.52	<1	13	30	20	2.26	.17	40	.48	703	<1	<0.01	19	1260	14	<5	<20	87	.09	<10	39	<10	10	55
356 - 61	L8S 3+ 00 E	<5	<.2	1.88	10	8	150	<5	.52	<1	12	27	16	2.13	.13	30	.43	685	<1	<0.01	17	1500	14	<5	<20	92	.09	<10	38	<10	9	58
356 - 62	L8S 4+ 00 E	<5	<.2	2.84	10	10	180	<5	.75	<1	17	54	20	2.82	.20	30	.79	894	<1	<0.01	29	1590	16	5	<20	142	.13	<10	46	<10	12	77
356 - 63	L8S 5+ 00 E	<5	<.2	2.45	5	8	125	<5	.25	<1	11	24	11	1.97	.12	20	.38	793	<1	.01	13	850	14	<5	<20	97	.11	<10	38	<10	9	54

TECK EXPLORATIONS LTD.- ETK 91-356

PAGE 3

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
356 - 64	L8S 6+ 00 E	<5	<.2	2.25	<5	8	140	<5	.45	<1	11	22	12	1.75	.13	20	.55	297	<1	.02	25	1450	14	<5	<20	87	.15	<10	28	<10	11	46
356 - 65	L8S 7+ 00 E	<5	<.2	3.02	<5	10	135	<5	.69	<1	19	54	19	3.11	.12	30	1.04	376	<1	<0.01	43	940	20	10	<20	104	.26	<10	62	<10	16	58
356 - 66	L8S 1+ 50E	<5	<.2	2.73	10	8	190	<5	.51	<1	16	26	21	2.72	.16	70	.56	741	<1	<0.01	16	1460	20	<5	<20	110	.11	<10	44	<10	13	53
356 - 67	L8S 2+ 50E	<5	<.2	1.37	15	10	170	<5	.80	<1	9	17	14	1.52	.10	30	.34	994	<1	<0.01	11	1090	14	<5	<20	99	.06	<10	26	<10	6	65
356 - 68	L8S 3+ 50E	<5	<.2	.61	<5	8	70	<5	8.17	<1	3	7	11	.62	.08	<10	.41	284	<1	<0.01	4	640	<2	<5	<20	966	.03	<10	12	<10	3	24
356 - 69	L8S 4+ 50E	<5	<.2	2.29	10	8	160	<5	.79	<1	11	28	22	2.11	.15	30	.41	1146	<1	.01	15	1310	12	<5	<20	173	.09	<10	41	<10	12	82
356 - 70	L8S 5+ 50E	<5	<.2	1.92	<5	8	125	<5	.45	<1	9	21	12	1.61	.14	10	.43	365	<1	.01	16	930	12	<5	<20	80	.11	<10	25	<10	7	38
356 - 71	L8S 6+ 50E	<5	<.2	2.27	5	10	130	<5	.50	<1	12	32	15	2.16	.17	20	.57	314	<1	.01	27	1160	14	5	<20	116	.15	<10	36	<10	11	50

Note: < = LESS THAN
> = GREATER THAN

ECO-TECH LABORATORIES LTD.
CLINTON AYERS
LABORATORY MANAGER

CC: STEVE JENSEN
P.O. BOX 287
GREENWOOD, B.C. V0H 1J0
C/O EVENING STAR MOTEL
SC91/TECK1

APPENDIX IV

Analytical Procedures

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

GEOCHEMICAL LABORATORY METHODS

SAMPLE PREPARATION (STANDARD)

1. Soil or Sediment: Samples are dried and then sieved through 80 mesh sieves.

2. Rock, Core: Samples dried (if necessary), crushed, riffled to pulp size and pulverized to approximately -140 mesh.

3. Humus/Vegetation: The dry sample is ashed at 550 C. for 5 hours.

METHODS OF ANALYSIS

All methods have either canmet certified or in-house standards carried through entire procedure to ensure validity of results.

1. MULTI ELEMENT ANALYSES

(a) ICP Packages (6,12,30 element).

Digestion	Finish
Hot Aqua Regin	ICP

(b) ICP - Total Digestion (24 element).

Digestion	Finish
Hot HClO4/HNO3/HF	ICP

(c) Atomic Absorption (Acid Soluble)
Ag*, Cd*, Cr, Co*, Cu, Fe, Pb*, Mn, Mo, Ni*, Zn.

Digestion	Finish
Hot Aqua Regia	Atomic Absorption * = Background corrected

(d) Whole Rock Analyses.

Digestion	Finish
Lithium Metaborate fusion	ICP

ECO-TECH LABORATORIES LTD.
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-45

2. Antimony

Digestion	Finish
Hot aqua regia	ICP

3. Arsenic

Digestion	Finish
Hot aqua regia	Hydride generation - A.A.S.

4. Barium

Digestion	Finish
Lithium Metaborate	ICP

5. Beryllium

Digestion	Finish
Hot aqua regia	Atomic Absorption

6. Bismuth

Digestion	Finish
Hot aqua regia	Atomic Absorption (Background Corrected)

7. Chromium

Digestion	Finish
Sodium Peroxide Fusion	Atomic Absorption

8. Flourine

Digestion	Finish
Lithium Metaborate Fusion	Ion Selective Electrode

ECO-TECH LABORATORIES LTD

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4

9. Gallium

Digestion	Finish
Hot $HClO_4/HNO_3/HF$	Atomic Absorption

10. Germanium

Digestion	Finish
Hot $HClO_4/HNO_3/HF$	Atomic Absorption

11. Mercury

Digestion	Finish
Hot aqua regia	Cold vapor generation - A.A.S.

12. Phosphorus

Digestion	Finish
Lithium Metaborate Fusion	ICP finish

13. Selenium

Digestion	Finish
Hot aqua regia	Hydride generation - A.A.S.

14. Tellurium

Digestion	Finish
Hot aqua regia Potassium Bisulphate Fusion	Hydride generation - A.A.S. Colorimetric or I.C.P.

APPENDIX V

Rock Sample Descriptions

SAMPLE NUMBER	LOCATION COMMENT	SAMPLE DESCRIPTION
72802	Central Bar 3 claim, ele. 2700'	Grab of brecciated qtz vein in quartz ankerite alteration zone, m.rusty, greenish round to subangular fragments in bull white matrix
72803	Central Bar 3 claim, ele. 2600'	Grab of s. quartz-ankerite alteration (listwanite), fresh rock looks dioritic, tr py, w-m calcite ran : 1032 ppm Cr, 1247 ppm Ni, 45 ppb Au
72804	Northeastern Gram 1 claim, ele. 4000'	Grab of hfs Knob Hill greenstone (andesite/basalt), tr cp,py, local narrow ep/calc-sil bands
72805	Northeastern Gram 1 claim, ele. 3995'	Same as 72804 plus: s. siliceous
72806	Northeastern Gram 1 claim, ele. 4040'	Grab of hfs greenstone, s. siliceous, blotchy hem,ep, tr mt,py
72807	Northeastern Gram 1 claim, ele. 4060'	Same as 72806 plus: tr cp
72808	Northeastern Gram 1 claim, ele. 4070'	Grab of hfs greenstone, local massive mt splotches, common wavy hem,ep bands and blotches, s. sil
72809	Northeastern Gram 1 claim, ele. 4075'	Grab of hfs greenstone, w. py, tr cp
72810	Northeastern Gram 1 claim, ele. 4110'	Same as 72808 plus: s. siliceous, no visible cp
72811	Northeastern Gram 1 claim, ele. 4135'	Grab of hfs greenstone, m. narrow hem and yellow/green calc-silicate bands, bands seem to wrap around qtz porphs
72812	Northeastern Gram 1 claim, ele. 4205'	Same as 72809 plus: tr cp
72813	Northeastern Gram 1 claim, ele. 4110'	Grab of hfs greenstone, s. hem, w py, tr cp
72814	Northeastern Gram 1 claim, ele. 4130'	Grab of fault? breccia, angular fragments of jasper, w py, hfs greenstone country rock, in dug out pit, fault? dipslope 000/40°N
72815	Northeastern Gram 1 claim, ele. 4130'	Same pit as 72814, grab of s. altered hfs greenstone, gougey, w.-m. hem veinlets/bands and fragments? ran : 160 ppb Au
72816	Northeastern Gram 1 claim, ele. 4240'	Grab of hfs greenstone, s. mt (almost massive), w. ep,hem splotches/bands
72817	Northeastern Gram 1 claim, ele. 4190'	Grab of hfs greenstone, wavy, banded hem,ep mt, tr cp
72818	Northeastern Gram 1 claim, ele. 3895'	Grab of hfs greenstone, local ep/hem bands, w. py, tr cp?

SAMPLE NUMBER	LOCATION COMMENT	SAMPLE DESCRIPTION
72819	Northeastern Gram 1 claim, ele. 3995'	Grab of hfs greenstone, local weak ep,hem banding, w py, tr cp, ran 759 ppm Cu
72820	Northern Gram 2 claim, ele. 4625'	Grab of m-s magnetic Marron trachy basalt
MM72821	Northern Gram 2/3 claims, ele. 4050'	Moss mat from north trending creek
72822	Southeastern Bar 1 claim, ele. 2850'	Grab of hfs greenstone, local patchy ep,mt,hem,ct, tr py
72823	Southern Bar 1 claim, near LCP, ele. 2880'	Grab of hfs greenstone, local ep bands up to 2 cm wide, hem bands up to 2mm wide, w py, tr cp
72824	Southern Bar 1/2 claims, ele. 3465'	Grab of intercalated hfs greenstone and chert, w py,mt
72825	Northeastern Bar 1 claim, ele. 3210'	Grab of w. rusty hfs greenstone along Bubar creek, looks siliceous (almost cherty), tr py
72826	Northwestern Bar 2 claim, ele. 3515'	Grab of hfs greenstone, w-m hem ff, m-s chl, tr-w ep, looks lapilli tuffaceous
72827	Northwestern Bar 2 claim, ele. 3540'	Grab of hfs greenstone, m-s ff/patchy hem, s chl, siliceous
72828	Northwestern Bar 2 claim, ele. 3840'	Grab of w. rusty hfs greenstone, tr py,cp?
72829	Northwestern Bar 2 claim, ele. 3590'	Grab of hfs greenstone, ep bands up to 4 cm, w-m patchy/ff hem, s chl, tr-w py
MM72830	Southwestern Gram 1 claim, ele. 3740'	Moss mat from central Gram 1 claim area, lots of organic material in sample
72831	Southern Bar 7 claim, ele. 3495'	Grab of weakly pyritic, tourquoisey hfs?, looks like cross between hfs and chert, py blotchy,ff,w diss
72832	Southern Bar 7 claim, ele. 3515'	Grab of hfs greenstone, ep bands up to 2 cm, s sil, w hem
72833	Southern Bar 7 claim, ele. 3560'	Grab of pyritic hfs greenstone, m-s mt ± ep,ct,hem, tr cp
72834	Bar 7 claim, ele. 3660'	Grab of similar rock to 72833 plus : w. py, s. mt, m. ep
72835	Bar 7 claim, ele. 3750'	Same as 72833
72836	Bar 7 claim, ele. 3800'	Same as 72833 plus: tr py, abundant mt,ep ± hem
72837	Bar 7 claim, ele. 3830'	Grab of hfs greenstone, w py, s. mt, m. ep,hem

SAMPLE NUMBER	LOCATION COMMENT	SAMPLE DESCRIPTION
72838	Southcentral Bar 7 claim, ele. 3885'	Grab of mt hfs greenstone, massive mt, w. ff py,ep,hem,ct
72839	Tick Grid area, ele. 3850'	Grab of mt, ± ep,hem hfs greenstone, w py
72840	Tick Grid area, ele. 3600'	Grab of hfs greenstone, w-m ep,hem, w mt, m. ct veinlets, tr py
72841	Tick Grid area, ele. 3660'	Grab of pyritic hfs greenstone, w-m bands of ep,hem,ct,mt
72842	Tick Grid area, ele. 3600'	Grab of fairly pyritic hfs greenstone, sulphides associated with hem,ep,ct bands/veinlets, s. sil
72843	Northcentral Bar 7 claim, ele. 3700'	Grab of mt hfs greenstone with local ep,hem,ct veinlets, tr py/cp/malachite in ep veinlets
72844	Northern Bar 7 claim, ele. 4010'	Grab of hfs greenstone, m. hem, w-m ep, tr py/mt
72845	Northern Bar 7 claim, ele. 3970'	Grab of hfs greenstone, abundant mt, w py & tr cp in ep,mt,ct,hem bands
72846	Southern Bar 7 claim, ele. 3540'	Grab of hfs greenstone, m-s ep bands ± hem up to 2 cm, m ct bands, w mt, tr py
72847	Southern Bar 7 claim, ele. 3540'	Grab of w pyritic ± w cp hfs greenstone, s. chl,ep(bands,ff ± hem), mt, ran 643 ppm Cu
72848	Tick Grid area, ele. 3510'	Grab of hfs greenstone, w py, m chl ± mt,ep,hem
72849	Tick Grid area, ele. 3520'	Grab of hfs greenstone, tr cp,py in chl,ep,ct,mt bands
72850	Tick Grid area, ele. 3520'	Grab of hfs greenstone, m chl,ep,hem,ct bands, cp
72851	Southern Bar 3 claim,near road along Bubar creek, ele. 2400'	Grab of QFP (sporadic quartz xtals) dyke, bleached, unmineralized, light green to blue color.
72852	Southern Bar 3 claim, near road along Bubar creek, ele. 2510'	Grab of quartz - ankerite altered rock (UM?), very hard, orangey yellow color, qtz veinlets, ran 743 ppm Cr, 1353 ppm Ni
72853	Northeastern Gram 1 claim, along C/L in old pit, ele. 4200'	1.0 m chip of 1m qtz vein containing angular 0.5-1.5 cm jasper fragments, 40% fragments/60% matrix, tr. ep, m. hem, host rock Knob Hill volcanic-090/40N.
72854	Adjacent to # 72853	Wall rock grab of qtz vein alteration over 20 cm, massive hem, dark fine grained Knob Hill volcanic.
72855	Northeastern Gram 1 claim, along C/L, ele. 4200'	Grab of silica/Fe-carb altered hfs greenstone, hem rich zones, non magnetic, very weakly calcareous.
72856	Northeastern Gram 1 claim, ele. 4050'	Grab of greenstone, w. ep, non magnetic, ep associated with hfs, bands of qtz/calcite, tr. cp,py, periodic hem bands, mt rich area near sample.

SAMPLE NUMBER	LOCATION COMMENT	SAMPLE DESCRIPTION
72857	Northeastern Gram 1 claim, ele. 4250'	Grab of hfs greenstone, w.-m.ep, patchy mt/hem zones, tr. py,cp
72858	Northeastern Gram 1 claim, ele. 4060'	Grab of m. hfs greenstone, w.-m. hem, tr.py,cp, local qtz/calcite veinlets.
72859	Central Gram 2 claim, ele. 4300'	Grab of angular qtz/calcite vein float, Fe-stained, mt blebs, tr. cp, patchy hem.
72860	Southeastern Bar 3 claim, ele. 2750'	Grab of quartz - feldspar porphyry, with m. calcite veinlets and sporadic Fe-carbonate veinlets.
72861	Central Bar 3 claim, west side of Bubar Crk, ele. 2650'	Grab of dark grey chert/silica veins hosted by banded Knob Holl volcanic & black chert, 'pinhead' limonite staining, < 1% py ff and disseminated, appears cooked up as surrounding rocks clay altered & bleached, ran 1.09 g/t Au and 3935 ppm As.
72862	Adjacent to # 72862	Grab of altered & bleaced light green/yellow Knob Hill volcanic, m. silica/calcite veinlets, chert beds below & above, blebs of vuggy py, Fe-carb staining.
72863	Adjacent to # 72861, ele. 2660'	Grab of same rock as # 72863, some cherty fragments (sharpstone cgl?), 1-2% disseminated py.
72864	Northcentral Bar 3 claim, ele. 2780'	Grab of strongly fractured grey chert with dark black veinlets of silica, Fe-carb, tr. py.
72865	Southeastern Bar 1 claim, ele. 2950'	Grab of fine grained m. hfs greenstone, weakly siliceous veinlets, tr. py & hem., w. calcareous.
72866	Southeastern Bar 1 claim, ele. 3000'	Grab of hfs greenstone, 5% mt, sporadic ep,silica,calcite veinlets,ff, tr. cp,py?
72867	200m east of Bar 5 claim, off claims, ele. 2850'	Grab of hfs greenstone, s.siliceous, w. ep, sporadic stringers of tr. py with calcite, non-magnetic.
72868	On Bar 5 N/S C/L in northeast corner of the claim, ele. 3510'	Grab of grey to black chert, fractured , m. Fe-carb and calcite veinlets, tr. py
72869	Western Bar 6 claim, along road, ele. 3900'	Grab of hfs greenstone, fine grained, bluey-purple color, s. siliceous, tr. diss. py
72870	Southeast Bar 7 claim, upper Nicholoson creek, ele. 3400'	Grab of hfs greenstone, s.ep, large angular float boulders, qtz-calcite veins, diss. tr. cp,py.
72871	Northeastern Bar 5 claim, ele. 3400'	Grab of hfs greenstone, s. ep, very hard, diss. to tr. cp, < 1% py.
72872	100m west of 72871, ele. 3480'	Grab of hfs greenstone, s. ep, local hem. rich bands (jasper) with calcite/silica veinlets, tr. cp,py.

SAMPLE NUMBER	LOCATION COMMENT	SAMPLE DESCRIPTION
72873	Tick Grid area, Bar 7 claim, ele. 3600'	Grab of hfs greenstone, s. ep (pervasive and veinlets), m.-s. calcite/silica venlets, < 1% cp, py
72874	Tick Grid area, ele. 3600' 100m east of 72873	Grab of quartz-calcite vein and hfs greenstone, m. ep, tr. diss. cp,py
72875	Tick Grid area, ele. 3600' 10m above 72873	Grab of m. hfs greenstone, s. ep (veinlets), m. calcite, 1% diss. cp, < 1%py,hem, ran 125 ppb Au & 927 ppm Cu
72876	Tick Grid area, ele. 3700' 250m east of Hopper creek	Grab of s. hfs greenstone, s. ep with veins of massive epidote up to 0.75cm, s. silica, tr. py
72877	Tick Grid area, ele. 3750'	Grab of m. hfs greenstone, s. ep & calcite veinlets, 10% fine grained mt, tr. cp
72878	Southeast corner of Bar 7 claim, ele. 3680'	Grab of m. hfs greenstone, s. calcite with tr.-w. ep, cp,py (assoc. with calcite veinlets), ran 300 ppb Au
72879	Tick Grid area, ele. 3540' west of Hopper creek	Grab of fractured, black, brecciated chert with jasper and silica healing
72880	Tick Grid area, ele. 3640' west of Hopper creek	Grab of hfs greenstone, s. fine grained mt, w. ep, tr. cp, hem blebs
72881	Tick Grid area, ele. 3580' west of Hopper creek	Grab of mt rich m. hfs greenstone, w. ep/calcite veinlets, tr. cp
72882	Tick Grid area, ele. 3590' 34m NW of 72881	Grab m. hfs greenstone, m.-s. ep veins, tr. py, sporadic hem
72883	Tick Grid area, ele. 3570' west of Hopper creek	Grab of qtz/calcite/ep healed fractured up "older" non-Tertiary ? dyke, hem rich, tr. cp,py, host hfs
72884	Tick Grid area, ele. 3550' 100m west of Hopper creek road junction	Grab of hfs greenstone, m.-s. ep veinlets, some pervasive ep, w. calcite veinlets, tr. cp,py
72885	Tick Grid area, ele. 3590' west Hopper creek	Grab of mt rich zone within hfs greenstone, m. crosscutting ep/qtz/calcite veinlets, tr. hem
72886	Tick Grid area, ele. 3680' west of Hopper creek	Grab of hfs greenstone, s. ep/calcite veining, sporadic cp/py stringers & diss. py to 1%, patchy hem
72887	Tick Grid area, ele. 3620' west of Hopper crk road junction	Grab of massive fine grained mt rich zone in hfs greenstone, w. ep veinlets, some qtz/calcite veining, minor diss. cp/py
72888	Tick Grid area, ele. 3630' 30m west of 72887	Grab - same as 72887
72889	NW Bar 5 claim, ele. 3150' west side of Nicholson crk	Grab of dark grey to black highly fractured chert, fractures filled with calcite & Fe-carb, rusty color

SAMPLE NUMBER	LOCATION COMMENT	SAMPLE DESCRIPTION
72890	NW Bar 5 claim, ele. 3200' 150m upstream of 72889	Grab of 1% fine diss. py in fine grained greenstone or dyke?, sparse hem and calcite veinlets
72891	NW Bar 5 claim, ele. 3260' 300m upstream of 72890	Grab of Fe-carb/silica filled highly fractured black chert, w. calcite, rusty color
72892	Bear Grid area (central Bar 3 claim, Bubar creek area), ele. 2650'	1.0m chip of dark grey chert with fractures filled with silica, vuggy sections and w. Fe-carb, some py filled veinlets up to 4mm wide, also bleby py up to 1.5 cm, overall ≈1% py, limonite (± pinhead limonite) staining ran 1.22 g/t Au, 4635 ppm As, 30 ppm Sb
72893	Bear Grid area, ele. 2650' below 72892	1.0m chip of 70cm bleached (light green/yellow) altered hfs greenstone and narrow 30cm black chert layer, taken adjacent to 72892, hfs appears somewhat clay altered and weathered, fractured up Fe-carb rusty patches with bleby py, trends ≈010°, ran 125 ppb Au, 235 ppm As, 20 ppm Sb
72894	Bear Grid area, ele. 2700' 13m up skid road from 72892	Grab across 30cm of white qtz vein and altered hfs greenstone contact, vuggy qtz with nested xtal needles, Fe-carb, w. calcite, brecciated looking sections, patchy py < 1% ran 130 ppb Au, 50 As, 10 ppm Sb
72895	Bear Grid area, ele. 2820' 5m north of 72862	1.0m chip of white to light grey massive chert with minor diss. py, smaller Fe-carb rich areas, manganese staining
72896	Bear Grid area, ele. 2800' just below 72895	1.0m chip of light green, fractured chert, altered looking rusty color, Fe-carb, limonite staining, red hematite, minor diss. py
72897	Bear Grid area, ele. 2830' above 72863	0.80m chip of white chert with limonite/Fe-carb staining in veinlets, minor diss. py
72898	Bear Grid area, ele. 2780' just below 72897 & 862	Grab of creamy white quartz vein with sericite/clay alteration, tr. diss py, angular chert fragments < 1 cm, below chert layer
72899	RC 3 claim, ele. 2780'	Grab of banded Knob Hill volcanic with dolomite, dolomite bands up to 4 cm, tr. py in qtz veinlets related to dolomite, just below dolomite/argillite bands
72900	RC 3 claim, ele. 2550'	Grab of banded qtz/dolomite with argillite bands, appears strongly metamorphosed, folded, minor Fe staining ± tiny qtz vuggy crystals
72901	Northern Bar 7 claim, ele. 4200'	Grab of rusty stained, highly altered chert, most likely related to fault alteration
72902	Northern Bar 7 claim, ele. 4010'	Grab of limy hfs greenstone with a few specks of pyrite

SAMPLE NUMBER	LOCATION COMMENT	SAMPLE DESCRIPTION
72903	Northern Bar 7 claim, ele. 4010'	Grab of weakly limy hfs greenstone, ran 565 ppm Cu
72904	Southern Bar 4 claim, Bruce Creek area, ele. 2400'	Grab of altered Marron volcanic within shear zone 0.5m wide, w. py
72905	Southeastern Bar 4 claim, Bruce creek area, ele. 2780'	Grab of calc-silicate veinlets, ≈3cm x 15m in Tertiary Marron volcanics, unmineralized
72906	Southern Bar 7 claim, Nicholson creek area, ele. 3200'	Grab of rusty weathering unmineralized Knob Hill cherts
72907	Tick Grid area, ele. 3800'	Grab of unmineralized hfs greenstones
72908MM	Northeastern Gram 5 claim, ele. 3240'	Moss mat from running creek
72909MM	Northeastern Gram 5 claim, ele. 3380'	Moss mat from running creek
72910MM	Gram 1/2 area, ele. 3520'	Moss mat from north/south trending creek
72911	Northern Bar 5 claim, along Nicholson creek, ele. 3160'	Grab of unmineralized chert
72912	Northwestern Bar 3 claim, ele. 3900'	Grab of 5cm x 8m qtz veinlets with local specks of specular hematite?, in Marron volcanic host
72913	Northwestern Bar 3 claim, ele. 3900'	Grab of similar veinlet as 72912, vein trending 225/75NW in greenstones
72916	Tick Grid area, ele. 3550'	Grab of hfs greenstone with minor cp
72917	Tick Grid area, ele. 3550'	Grab of hfs greenstones with weak qtz veins
72918	Tick Grid area, ele. 3540'	Grab of hfs greenstone, mt with ep stringers and local specks of cp
72919	Tick Grid area, ele. 3600'	Grab of hfs greenstone with minor cp
72920	Southwestern RC 3 claim, ele. 2500'	Grab of banded schisty chlorite/magnetite/silica with local sericite, up to 10% mt locally, most likely represents altered banded dolomite/argillite
72921	Southcentral RC 2 claim, along Hwy 3 outcrop,	Grab over 1m of white to cream marble, some darker patches and bands, < 1% diss py with tr cp/malachite staining, rusty weathered surface
72951	Tick Grid area, ele. 3525'	Grab of hfs greenstone, m chl,ep,ct, w jasper veins
72952	Tick Grid area, ele. 3525'	Grab of jasper,mt vein/band adjacent to 72951, band ≈ 25 cm wide

SAMPLE NUMBER	LOCATION COMMENT	SAMPLE DESCRIPTION
72953	Northern Gram 1 claim, ele. 3990'	Grab of hfs greenstone, m mt,chl,ep,hem, w py, tr cp
72954	Northern Gram 1 claim, ele. 3980'	Grab of hfs greesntone, subcrop on road, abundant mt, w-m chl,ep,hem, w py
72955	Northern Gram 1 claim, ele. 4110'	Grab of hfs greenstone, abundant mt, w-m hem,ct,ep, tr py
72956	Gram 1 claim, ele. 4150'	Grab of hfs greenstone, m mt,hem,ep,ct, w py,cp
MM72957	Southern Bar 1 claim, ele. 2870'	Moss mat 140m up from Bubar creek road along creek off main west Bubar creek branch
ST72958	Southern Bar 1 claim, ele. 2900'	Silt from north branch off west branch of Bubar creek, ≈40m upstream from branch
72959	Adjacent of northwest corner of RC 1 (off claims), ele. 2500'	Grab of ultramafic, orange/black weathering (quartz-ankerite alteration), s sil, later ct veinlets
72960	Northwestern RC 1 claim, ele. 2580'	Grab of hfs greenstone, w py cubes,

ABBREVIATIONS

qtz	-	quartz	ff	-	fracture-fill
UM	-	ultramafic	w	-	weak
diss	-	disseminated	m	-	moderate
hfs	-	hornfels	s	-	strong
hem	-	hematite	tr	-	trace
ep	-	epidote	chl	-	chlorite
mt	-	magnetite	py	-	pyrite
ct	-	calcite	cp	-	chalcopyrite

APPENDIX VI

Soil Sample Descriptions

BEAR GRID

1989 1991 SOIL SAMPLES — PROPERTY PROJECT Midway Gold 1701 — SAMPLER  (5)

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	FRAGMENTS ROUND	FRAGMENTS COMP	SLOPE	SEEPAGE	COMMENTS
B3	Bar Gram 3											
0+00N	1+75W	10	10	BM	MB							Road at 1+64W
	2+00W	10	10		MB							
	25	5	5		MB							
	50	20	20		LB							
	75	35	35									
	3+00W	50	50									
	25	25	25									
	50	50	50									
	75	40	40		LB							
	4+00W	25	25		MB							
	25	20	20		LB							Overburde.
	50	45	45	BM	DB							
1+00N	1+50W	20	20	BM	GB							Road at 1+30W ☆ break in slope
	75	20	20		MB							o/c - listwanites
	2+00W	20	20		GB							
	25	10	10		LB							
	50	5	5		LB							overburden
	75	35	35		LB							
	3+00W	15	15		MB							
	25	15	15		MB							
	50	3	3	?	LB							overburden base cliffs
	75	5	5		LB							o/c
	4+00W	2	2		MB							o/c
	25	25	25		MB							o/c
	50	10	10		LB							o/c
	75	40	40		LB							
	5+00W	35	35	BM	MB							o/c

BEAR GRID

1989 1991 SOIL SAMPLES PROPERTY PROJECT Midway Gold 1701 SAMPLER ☺ (6)

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	FRAGMENTS ROUND	FRAGMENTS COMP	SLOPE	SEEPAGE	COMMENTS
B3	Bar 3											
2+00N/	1+50W	10	5	BM	GB							rocky, road at 1+30W
	75	5	5		MB							o/c
	2+00W	5	5		LB							listwanites
	25	25	25									
	50	30	30									
	75	25	25									
	3+00W	30	30									
	25	30	30		LB							o/c
	50	5	5		MB							o/c
	75	25	25		LB							
	4+00W	10	10		LB							o/c
	25	30	30		LB							
	50	3	3		MB							o/c
	75	20	20		MB							o/c
	5+00W	30	30	BM	DB							o/c
3+00N	1+50W	10	5	BM								rocky, break in slope
	75	20	10									o/c
	2+00W	20	20									
	25	45	45									
	50	25	25									
	75	25	25									
	3+00W	30	30									
	25	15	15	BM								
	50	10	5									below cliffs
	75	25	25									o/c
	4+00W	25	25									
	25	10	10									o/c
	50	35	35									
	75	7	7									

5+00W 30 30 Feldspar Porphyry

BEAR GRID

1989/1991 SOIL SAMPLES PROPERTY PROJECT Midway Gold 1701 SAMPLER  (7)

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	FRAGMENTS ROUND	FRAGMENTS COMP	SLOPE	SEEPAGE	COMMENTS
B3	Bar 3											
4+00N/	1+50W	30	30	BM	GB							
	75	20	20		GB							break in slope
	2+00W	30	30		GB							
	25	15	10		MB							o/c
	50	25	20		GB							
	75	25	25		MB							sandy
	3+00W	35	35		GB							
	25	35	7		MB							o/c
	50	15	5		LB							o/c
	75	25	25		LB							road, o/c
	4+00W	10	5		GB							rocky
	25	10	10		MB							o/c
	50	20	20	BM	MB							
4+50N	1+50W	40	35	BM	GB							road at 1+43W
	70	35	25		MB							break in slope
	2+00W	12	12		MB							rocky
	25	5	5		MB							rocky
	50	30	30		GB							
	75	25	25		GB							
	3+00W	30	30		MB							
	25	25	20		MB							
	50	30	25		GB							
	75	25	10		LB							o/c
	4+00N	25	25		GB							
	25	35	35		MB							upper "road"
	50	25	25	BM	GB							

BEAR GRID

1989/1991 SOIL SAMPLES PROPERTY PROJECT Midway Gold 1701 SAMPLER (1)

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	FRAGMENTS ROUND	FRAGMENTS COMP	SLOPE	SEEPAGE	COMMENTS (8)
B3	Bar Grav 3											
5+00N	1+50W	25	25	BM	LB							road at 1+38W
	75	10	10	A	Wh.be							break in slope, talus
	2+00W	10	10	BM?	GB							at 'highgrade' #861
	25	20	20	BM	LB							
	50	15	15		LB							
	75	25	25		GB							
	3+00W	30	30									
	25	45	45									
	50	20	20									overburden
	75	15	15									o/c
	4+00W	40	40		GB							
	25	20	20		MB							o/c
	50	35	35	BM	MB							o/c
5+50N	1+50W	20	20	BM	MB							road at 1+42W
	75	20	10									& break in slope
	2+00W	10	5									rocky
	25	15	10		MB							o/c
	50	20	20		LB							
	75	10	10		MB							
	3+00W	25	25									overburden
	25	25	25									
	50	30	30		MB							
	75	25	25		LB							
	4+00W	5	5		MB							base of cliffs
	25	15	15		LB							o/c
	50	20	20		LB							o/c
	75	10	10		LB							o/c
	5+00W	10	10	BM	MB							o/c

BEAR GRID

1991 SOIL SAMPLES PROPERTY PROJECT Midway Gold 1701 SAMPLER (i)

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	FRAGMENTS ROUND	FRAGMENTS COMP	SLOPE	SEEPAGE	COMMENTS (9)
B3	~~Bear Grid~~ 3											
6+00N	1+57W	10	10	BM	MB							break in slope/road 1+25W
	75	10	10		LB							
	2+00W	15	15		GB							
	25	25	25		MB							
	50	45	45		GB							
	75	15	15		GB							overburden
	3+00W	40	40		LB							
	25	25	25		LB							
	50	25	25		MB							
	75	25	25		GB							
	4+00W	7	7		GB							o/c
	25	30	30		MB							
	50	15	15		MB							o/c
	75	25	25		MB							
	5+00W	20	5	BM	DB							
7+00N	1+50W	15	15	BM	MB							
	75	5	5									rocky
	2+00W	20	20									
	25	25	25									
	50	35	35		MB							
	75	35	35		LB							
	3+00W	30	30		MB							
	25	20	20		MB							overburden
	50	25	25		DB							"
	75	25	25		MB							"
	4+00W	30	30		MB							o/c
	25	10	10		GB							o/c
	50	20	20	BM	DB							o/c

BEAR GRID

1991 SOIL SAMPLES PROPERTY PROJECT Midway Gold 1701 SAMPLER

(10)

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	FRAGMENTS ROUND	FRAGMENTS COMP	SLOPE	SEEPAGE	COMMENTS
B3	~~Bear Grid~~ 3											
8+00N	1+50W	10	10	BM	MB							break in slope, road @ 1+50W
	75	10	10		"							o/c
	2+00W	20	20		DB							o/c
	25	25	25		LB							
	50	10	10		DB							overburden
	75	30	30		LB							"
	3+00W	30	30		"							
	25	20	5		MB							
	50	25	25		"							overburden
	75	25	25		"							
	4+00W	25	25		LB							road
	25	30	30	BM	"							
9+00N	1+00W	25	10	BM	DB							road at 0+85W
	25	25	15		MB							
	50	20	20		"							break in slope
	75	35	35		DB							
	2+00W	45	45		MB							
	25	30	30		DB							road
	50	30	20		MB							
	75	20	20		"							
	3+00W	30	10		LB							o/c
	25	25	25		GB							
	50	30	30		LB							
	75	"	"		"							
	4+00W	"	"		"							
	25	35	35		"							
	50	35	35	BM	MB							road, overburden

BEAR GRID

1989 1991 SOIL SAMPLES PROPERTY PROJECT Midway Gold 1701 SAMPLER

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	FRAGMENTS ROUND	FRAGMENTS COMP	SLOPE	SEEPAGE	COMMENTS (11)
B3	Bar 3											
11+00N	1+00W	25	25	BM	LB							break in slope, road @ 0+75
	25	20	20		GB							
	50	15	15		LB							
	75	25	25									
	2+00W	10	10									o/c, talus
	25	30	30		LB							
	50	30	30		GB							
	75	5	5		MB							overburden
	3+00W	35	35		LB							
	25	5	5		MB							o/c
	50	25	25		"							
	75	25	25		"							
	4+00W	30	30		LB							
	25	35	35		"							
	50	30	30		MB							
	75	25	5	BM	LB							
12+00N	1+00W	20	20	BM	LB							road at 0+75W
	25	10	10	A	White							talus blocks
	50	15	15	BM	GB							cliffs
	75	20	20		MB							o/c
	2+00W	20	20									overburden, sandy
	25	10	10									" "
	50	25	25		MB							
	75	25	20		LB							
	3+00W	25	25									
	25	30	30									
	50	25	25		LB							
	75	25	25		DB							
	4+00W	25	25	BM	DB							I.D. Post 2W for Bar 1 2.5m N

BEAR GRID

1989 1991 SOIL SAMPLES PROPERTY PROJECT Midway Gold 1701 SAMPLER

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	FRAGMENTS ROUND	FRAGMENTS COMP	SLOPE	SEEPAGE	COMMENTS (12)
B3	Bar 3											
13+00N	1+00W	15	15	BM	MB							break in slope
	25	5	5	|	LB							rocky
	50	5	5	|	|						o/c
	75	5	5	|	|						o/c
	2+00W	15	15	|	LB							o/c
	25	30	30	|	DB							
	50	5	5	|	GB							overburden
	75	30	30	|	LB							
	3+00W	35	35	|	MB							
	25	20	20	|	DB							
	50	30	30	|	MB							
	75	25	25	|	MB							
	4+00W	30	30	|	DB							
	25	20	20	|	MB							
	50	25	25	|	MB							
	75	30	30	BM	DB							

UPPER BUBAR CREEK GRID

1989 1991 SOIL SAMPLES — PROPERTY PROJECT Midway Gold 1701 — SAMPLER ☺ — ①

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	FRAGMENTS ROUND	FRAGMENTS COMP	SLOPE	SEEPAGE	COMMENTS
~~Grid 2~~ BAR 2	B2											
L0+00S												
0+00E		30	10	BM	MB							
50		30	20									
1+00E		30	15									
50		35	20									
2+00E		25	5									
50		25	20									o/c 2.5m NE
3+00E		25	20		MB							
50		25	20		LB							
4+00E		20	20	BM	DB							o/c 28° slope
L2+00S												
0+00E		25	15	BM	MB							Rock chips
50		15	5									near bedrock?
1+00E		25	20									
50			15									o/c
2+00E			10									o/c
50			20									
3+00E			20									Road @ 2+97E
50		25	15		MB							
4+00E		20	10	BM	LB							o/c, 35° slope

UPPER BABAR CRK GRID

1989/1991 SOIL SAMPLES PROPERTY PROJECT Midway Gold 1701 SAMPLER ☺ (2)

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	FRAGMENTS ROUND	FRAGMENTS COMP	SLOPE	SEEPAGE	COMMENTS
Grid 2	B2											
BAR 2												
L4+00S												
0+00E	~~25~~	25	20	BM	MB							
50	〃	25	20	BM	MB							
1+00E		8	3	BH	DB							On o/c
50		25	15	BM	MB							o/c
2+00E		〃	20	〃	〃							
50		〃	25	〃	〃							Road @ 2+46E
3+00E		〃	20	〃	MB							
50		〃	20	〃	GB							
4+00E		25	20	BM	LB							near crest of hill
L6+00S												
1+00E		25	25	BM	LB							
50		〃	25	〃	MB							
2+00E		〃	25	〃	LB							o/c
50		〃	10	〃	MB							o/c 20m W
3+00E		〃	25	〃	MB							Road at 3+25E
50		〃	〃	〃	LB							
4+00E		〃	〃	〃	GB							
50		25	25	〃	MB							
5+00E		20	20	〃	〃							
50		25	25	〃	〃							
6+00E		25	25	〃	〃							
50		25	20	BM	MB							

UPPER BUBAR CRK GRD

1989 1991 SOIL SAMPLES PROPERTY PROJECT Midway Gold 1701 SAMPLER ☺ (3)

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	FRAGMENTS ROUND	FRAGMENTS COMP	SLOPE	SEEPAGE	COMMENTS
Grid 2	B2											
BAR 2												
L8+00S												
1+00E		15	10	BM	GB							o/c
50		25	25		MB							o/c
2+00E		25	25		LB							
50		20	15		MB							
3+00E		25	25		MB							Road at 3+28E
50		)	25		GB							
4+00E			12		MB							
50		25	20		DB							
5+00E		15	15		MB							Rocky
50		10	10		GB							Cleared landing
6+00E		25	25		GB							
50		25	20		GB							
7+00E		25	22	BM	MB							
L10+00S												
1+00E		25	5	BM	LB							
50		)	20	)	MB							
2+00E		)	25	)	GR							
50		)	25	BM	LB							
3+00E		25	20	?	GB							Clay
50		15	10	BM	MB							Road at 3+10E
4+00E		10	2	BH?	DB							

UPPER BUBAR CRK GRD

1989 1991 SOIL SAMPLES PROPERTY PROJECT Midway Gold 1701 SAMPLER ☺ (4)

SAMPLE NO.	GRID LOCATION	DEPTH (cm)	THICK (cm)	HORIZON	COLOUR	PARTICLE SIZE	FRAGMENTS %	FRAGMENTS ROUND	FRAGMENTS COMP	SLOPE	SEEPAGE	COMMENTS
~~Gram~~ 2	B2											
BAR 2												
L12+00S												
1+00E		25	25	BM	MB							
50		25	25		MB							
2+00E		25	20		MB							Road at 2+10E
50		10	10		GB							o/c
3+00E		25	25		GB							
50		25	25		LB							
4+00E		25	20		LB							
50		20	20		MB							
5+00E		25	25									
50			10									
6+00E			25									
50		25	15									
7+00E		25	10	BM	MB							≈ 50m to cliffs

KETTLE RIVER

TICK GRID

BEAR GRID

UPPER BUBAR CREEK GRID

KETTLE VALLEY AIRFIELD

FAIRGROUND

HWY 3

GOLF COURSE

KETTLE VALLEY RAILROAD

NICHOLSON CREEK

PORTAGE CREEK

MOTHER CREEK

BUBAR CREEK

DAVIS CREEK

BRUCE CREEK

OLD RAIL ROAD

MYERS CREEK

NO O/C

LEGEND

TERTIARY

6 MARRON INTRUSIVE EQUIVALENTS

Undifferentiated Dikes, Sills
a) Diorite to Quartz Diorite
b) Monzonite to Syenite

5 MARRON VOLCANICS

Undifferentiated Volcanics
a) Trachy Andesite/Basalt to Trachyte
b) Andesite/Basalt

4 KETTLE RIVER FORMATION

Undifferentiated Sediments
a) Sandstone, Quartzo-Feldspathic Wacke, local Conglomerate
b) Siltstone, Mudstone
c) Basal Conglomerate

CRETACEOUS OR TERTIARY

3 QUARTZ-FELDSPAR PORPHYRY, FELDSPAR PORPHYRY

TRIASSIC

2 BROOKLYN FORMATION

a) Limestone
b) Sharpstone Conglomerate
c) Sandstone, Wacke, Grit, Siltstone, Mudstone
d) Limestone Pebble Conglomerate

PERMIAN

1 KNOB HILL GROUP

a) Chert
b) Greenstone (Andesite/Basalt)
c) Dolomite
d) Argillite, Shale, Siltstone
e) Limestone, local Marble

KEY

- 1b — OUTCROP
- GEOLOGIC CONTACT
- BEDDING
- FOLIATION
- JOINTING
- FAULT
- ROCK SAMPLE
- MOSS MAT SAMPLE
- FLOAT
- GRID LINE
- CLAIM LINE WITH LCP LOCATIONS
- TOPOGRAPHIC CONTOUR -INTERVAL 100'
- GRASSLAND
- ROAD
- CREEK
- py — PYRITE
- cp — CHALCOPYRITE
- mt — MAGNETITE
- tr — TRACE
- UM — ULTRAMAFIC WITH QUARTZ-ANKERITE ALTERATION

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,114

0 200 400 700
METRES

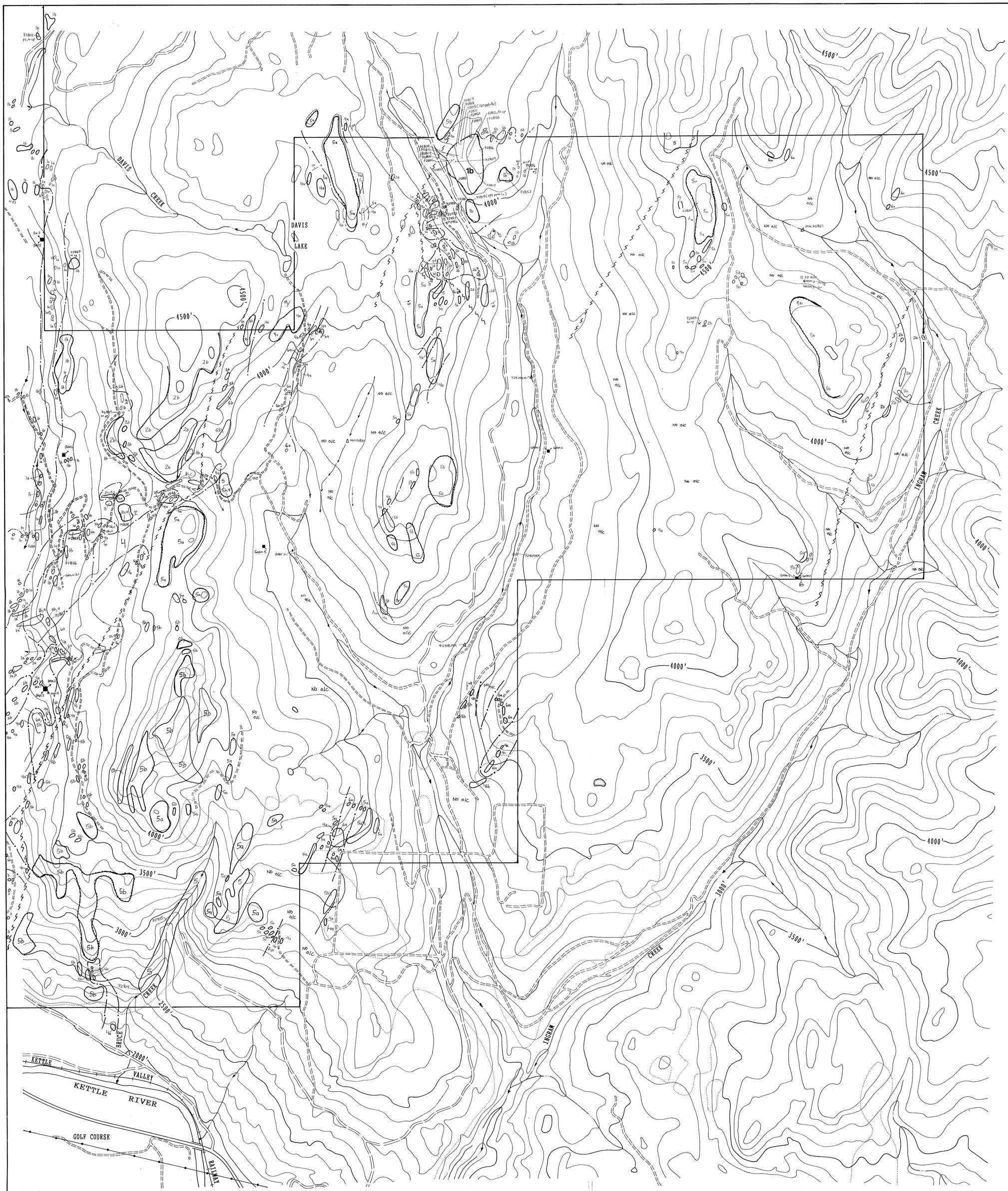
TECK EXPLORATION LTD

MIDWAY PROPERTY

PROPERTY GEOLOGY

WEST SHEET

SCALE : 1 : 10,000	GEOLOGY BY : SJ, PP, TA
NTS : 82E/2W	DRAWN BY : SJ
DATE : JANUARY 1992	FIGURE : 6a



LEGEND

TERTIARY

6 MARRON INTRUSIVE EQUIVALENTS

Undifferentiated Dikes, Sills
a) Diorite to Quartz Diorite
b) Monzonite to Syenite

5 MARRON VOLCANICS

Undifferentiated Volcanics
a) Trachy Andesite/Basalt to Trachyte
b) Andesite/Basalt

4 KETTLE RIVER FORMATION

Undifferentiated Sediments
a) Sandstone, Quartzo–Feldspathic Wacke, local Conglomerate
b) Siltstone, Mudstone
c) Basal Conglomerate

CRETACEOUS OR TERTIARY

3 QUARTZ–FELDSPAR PORPHYRY, FELDSPAR PORPHYRY

TRIASSIC

2 BROOKLYN FORMATION

a) Limestone
b) Sharpstone Conglomerate
c) Sandstone, Wacke, Grit, Siltstone, Mudstone
d) Limestone Pebble Conglomerate

PERMIAN

1 KNOB HILL GROUP

a) Chert
b) Greenstone (Andesite/Basalt)
c) Dolomite
d) Argillite, Shale, Siltstone
e) Limestone, local Marble

KEY

OUTCROP
GEOLOGIC CONTACT
BEDDING
FOLIATION
JOINTING
FAULT
ROCK SAMPLE
MOSS MAT SAMPLE
FLOAT
GRID LINE
CLAIM LINE WITH LCP LOCATIONS
TOPOGRAPHIC CONTOUR –INTERVAL 100'
GRASSLAND
ROAD
CREEK
py PYRITE
cp CHALCOPYRITE
mt MAGNETITE
tr TRACE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,114

0 200 400 700
METRES

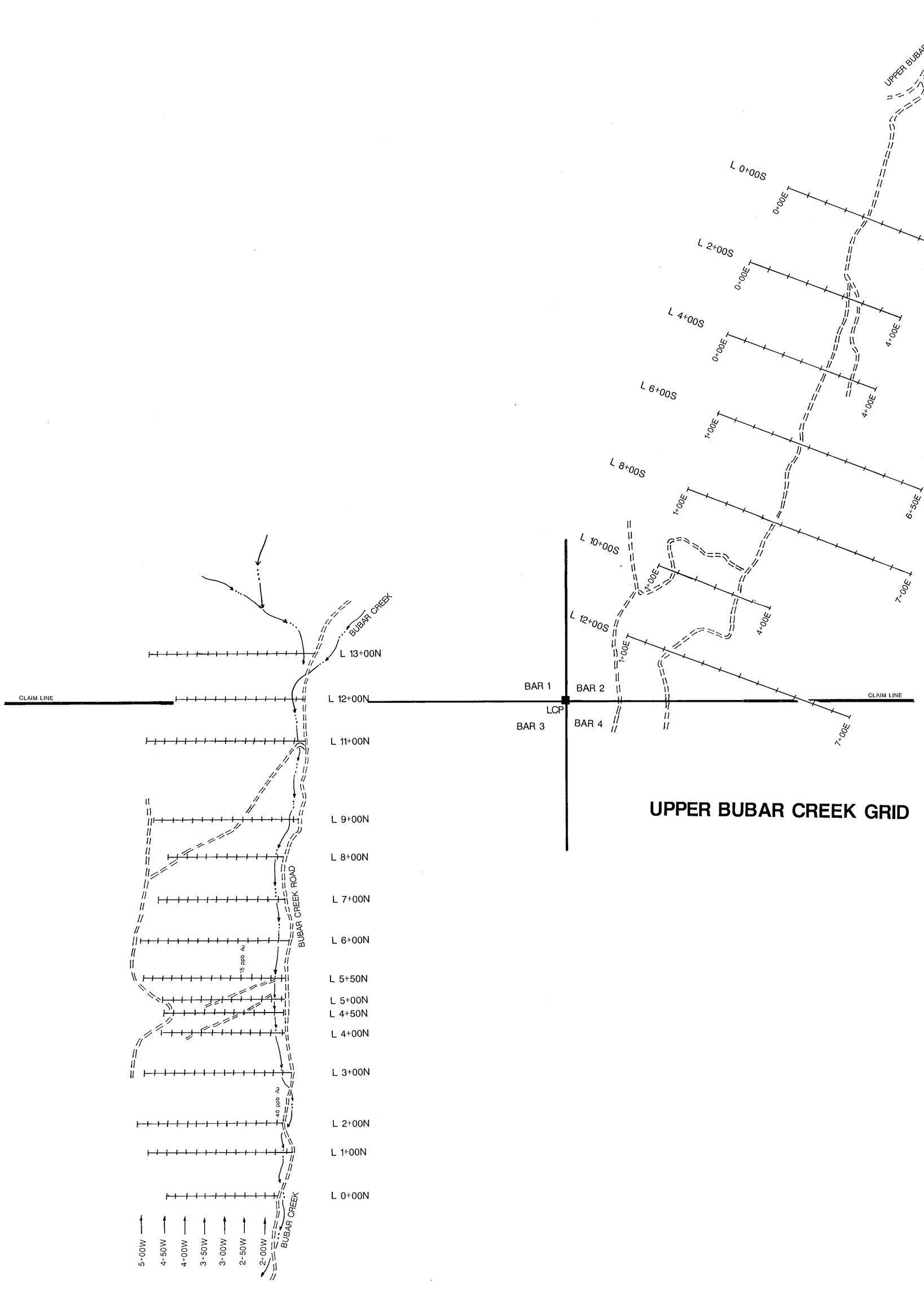
TECK EXPLORATION LTD

MIDWAY PROPERTY

PROPERTY GEOLOGY

EAST SHEET

SCALE : 1 : 10,000	GEOLOGY BY : SJ, PP, TA
NTS : 82E/2W	DRAWN BY : SJ
DATE : JANUARY 1992	FIGURE : 6b



UPPER BUBAR CREEK GRID

BEAR GRID

KEY

GRID LINE WITH SOIL SAMPLE LOCATIONS

CREEK

ROAD

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,114

0 100 200 400

METRES

FIGURE : 7

NTS : 82 E/2W

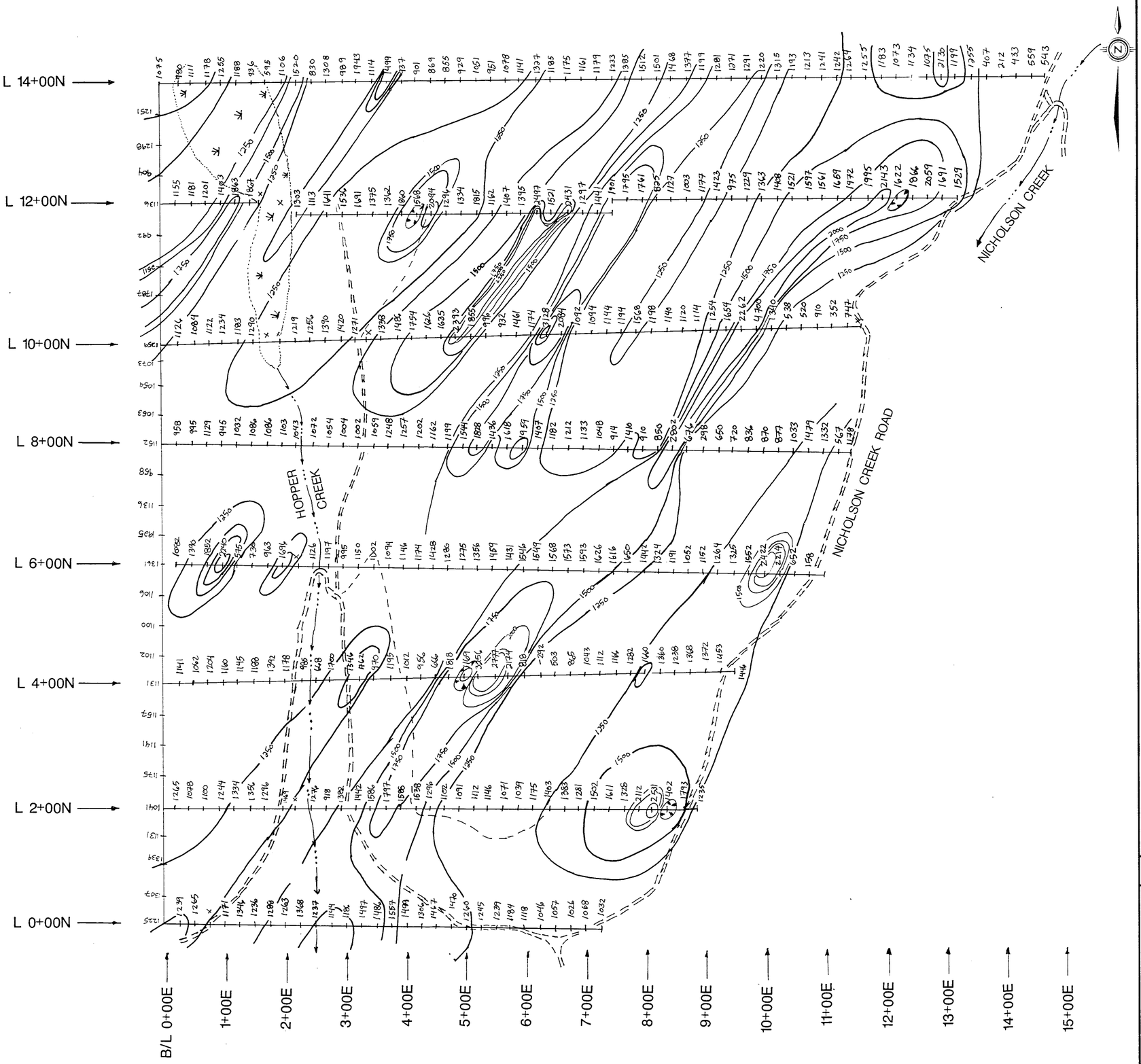
TECK EXPLORATION LTD

MIDWAY PROPERTY

BEAR & UPPER BUBAR CREEK GRIDS

SOIL SAMPLE LOCATION MAP

SCALE : 1 : 5000	DATA : SJ,PP,TA
JANUARY 1992	DRAWN BY : S.JENSEN



KEY

- GRID LINE WITH READING SITES AND VALUES
- 1500 — CONTOURED MAGNETOMETER VALUES INTERVAL 250 GAMMA
- MAIN ROAD
- SECONDARY ROAD
- CREEK
- SWAMP

NOTE : ALL VALUES ADD 56,000 GAMMA FOR TRUE READING

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,114

0 50 150 300

METRES

NTS : 82 E/2W

FIGURE : 9

TECK EXPLORATION LTD

MIDWAY PROPERTY

TICK GRID

MAGNETOMETER SURVEY

SCALE : 1 : 5,000	DATA : SJ,PP,TA
JANUARY 1992	DRAWN BY : S.JENSEN