093949

# 1998 GEOLOGICAL and GEOCHEMICAL ASSESSMENT

# REPORT ON THE KIWI PROPERTY

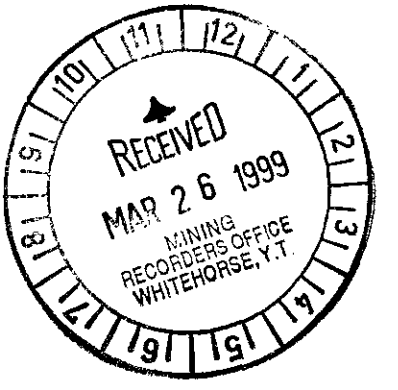
(Kiwi 1-40 YB97861-900)
(Kiwi 41-82 YC07901-942)

NTS: 105J/12W

Latitude 62°35'N Longitude 131°50'W

Whitehorse Mining Division

Work performed between August 29 and Sept 29, 1998




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

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

**Jean Pautler**
**December, 1998**

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 16,400.00.

M. Burke

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory

**SUMMARY:**

The Kiwi property, comprising 82 claims (1690 ha), was staked to cover an epithermal Au, Ag showing, discovered by Teck in 1997. The property is located 70 km northeast of Ross River, Y.T.

Despite the very limited exposure on the Kiwi property, it appears to be underlain by clastic sedimentary rocks of the Road River Group which are overlain by volcanic rocks of the mid Cretaceous South Fork Volcanic Complex. The above units are intruded by dykes and sills of quartz, feldspar porphyritic quartz monzonite which is of probable Cretaceous age.

Visible gold was discovered, hosted by quartz stringers in silicified black shale, on the western bank of Kiwi Creek (VG Showing). A grab sample from the VG Showing returned 115.6 g/t Au, 32.7 g/t Ag. Two veins are evident in the Discovery Zone (a 135m long gossanous exposure in Kiwi Creek), both at or proximal to the quartz monzonite/shale contacts. Vein 1 appears to trend 020-025°/85°E, varies from 0.3 to 1.0m wide and has been traced for 12m. A 355°/52°E trend was outlined for the VG Zone and Vein 2, which lie 10m above Vein 1. Quartz stringers, stockworking and silicification are common in the Discovery Zone. Sulfide minerals include pyrite, arsenopyrite or arsenian pyrite and orpiment.

Property scale mapping, sampling and prospecting was undertaken and an additional 37 line km soil survey completed over the existing grid.

Au values >100 ppb to 735 ppb and As values >1,000 ppm to 1.4% are widespread. Ag values are generally low except for in the VG sample itself. The higher Au values were returned from veins, stockworked and/or silicified shale and quartz monzonite and less commonly in pyritic shale-gouge. Property mapping and prospecting outlined a new alteration zone as well as significant quartz breccias and stringer stockworks. The latter contain values up to 505 ppb Au, 8.4 ppm Ag. Four additional anomalous zones were identified by the soil survey.

Magnetic and induced polarization geophysical surveys should be considered over the grid area in 1999 to evaluate the property. An investigation of and possible hand trenching in the vicinity of the 85 ppb Au in soil anomaly is recommended. A second phase 5 hole, 900m helicopter supported diamond drill program is further recommended to test the Discovery Zone. A budget of $100,000 is required for the geophysical surveys and $200,000 for the drill program.

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## APPENDICES

## 1. LOCATION AND ACCESS (Figure 1)

The Kiwi property, NTS map sheet 105J/12W, is located 70 km northeast of Ross River, Y.T. in the Whitehorse Mining Division. Latitude and longitude of the property are 62°35'N, 131°50'W.

Access is by helicopter from Ross River. The property lies 25 km west of the North Canol Road and 6 km south of a good, primarily winter, cat trail.

## 2. LEGAL DESCRIPTION (Figure 2)

The Kiwi Claim Group consists of 82 contiguous Kiwi claims covering an area of approximately 1690 hectares. The property is owned by Teck Corporation, Vancouver, B.C. and Teck Exploration Ltd., of Kamloops, B.C., was the operator. A table showing pertinent claim data follows:

| Claim Name | Record No. | Expiry Date | Years to be Applied | New Expiry Date |
|---|---|---|---|---|
| Kiwi 1-40 | YB97861-900 | July 21, 2002 | 2 | July 21, 2004* |
| Kiwi 41-82 | YC07901-942 | July 21, 2002 | 2 | July 21, 2004* |

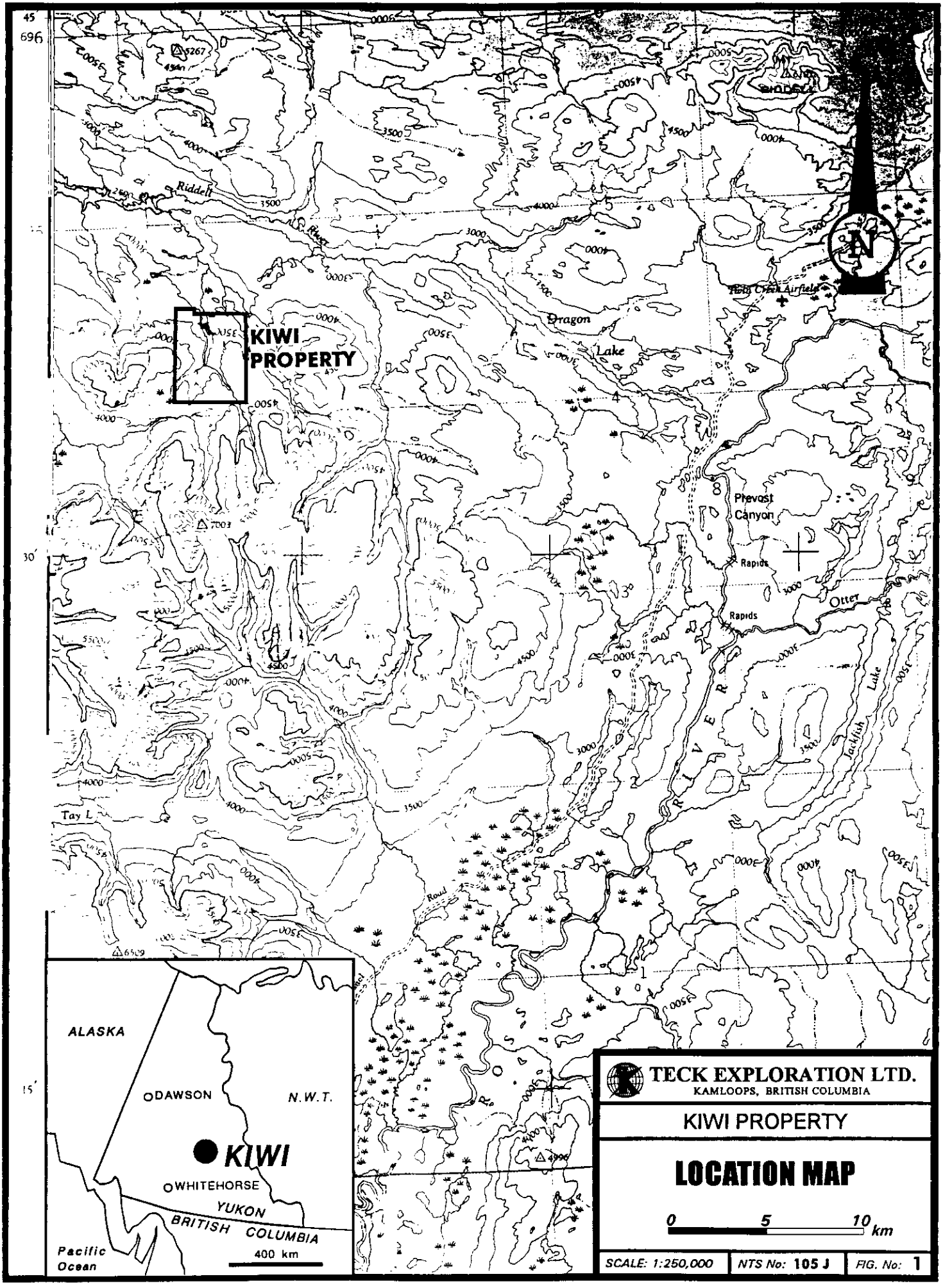
* Note: New expiry date based on acceptance of this report.

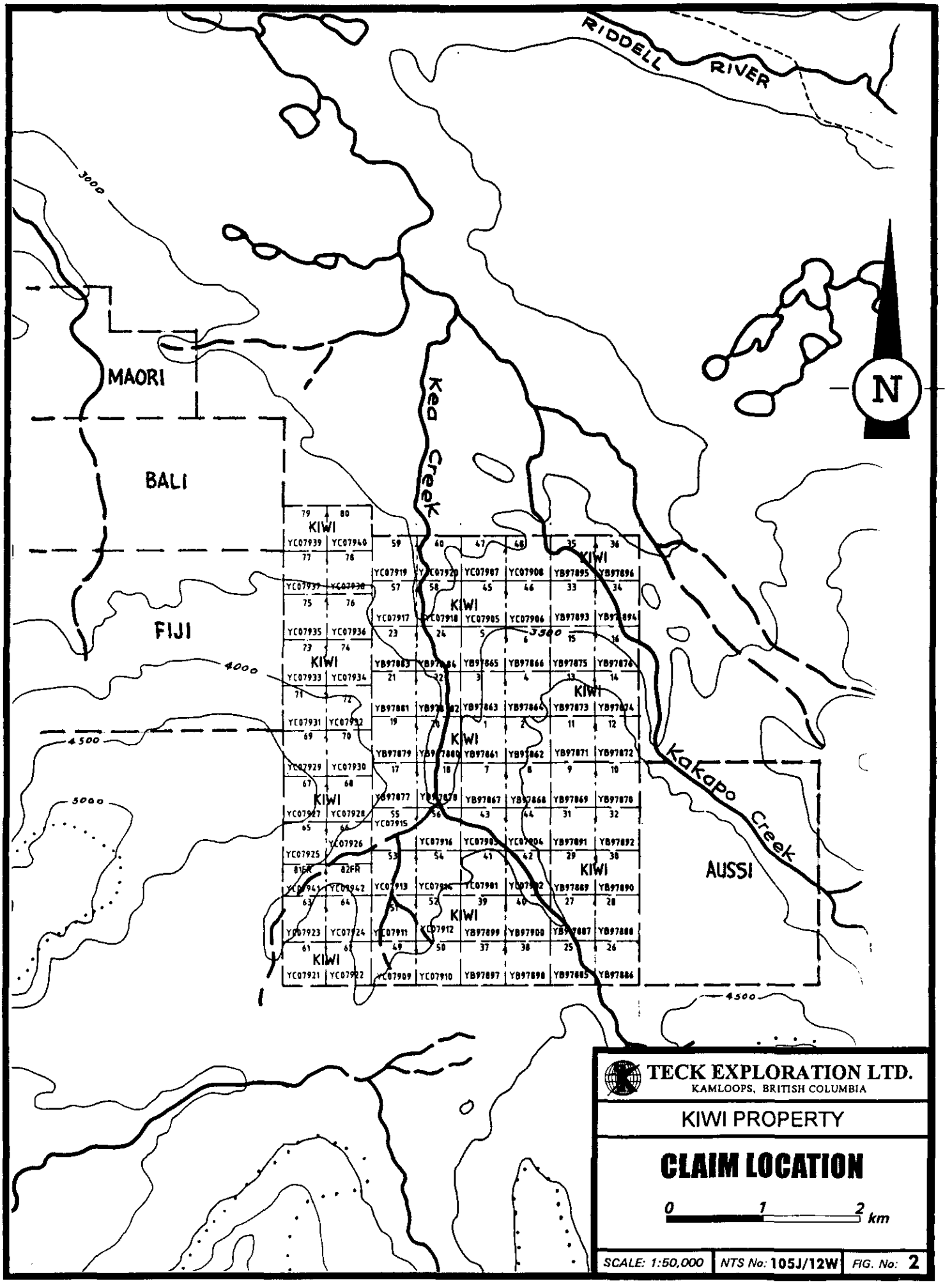
## 3. PHYSIOGRAPHY

The claims lie in a low lying area south of the Riddell River within the Yukon Plateau. Exposure is extremely poor but does exist along some of the creek drainages. Elevations on the property range from 900m to 1300m. Vegetation includes trees, buckbrush and moss. Most of the property was burned approximately five years ago.

## 4. HISTORY

The Kiwi property covers an epithermal Au, Ag showing, newly discovered by Teck in 1997. A gossan was discovered on the western bank of Kiwi Creek while conducting regional exploration of the area (Discovery Zone). Kiwi Creek is a northwesterly flowing tributary of Kea Creek which flows northerly into the Riddell River. Subsequent examination of the gossan revealed the presence of visible gold. No previous work is documented in the area but AGIP conducted exploration on an epithermal showing 15 km to the south in the early 1980's.


KIWI
PROPERTY
Riddell
River
Dragon
Lake
Holy Creek Airfield
Prevost
Canyon
Rapids
Otter
Rapids
RIVER
Jackfish
Lake
Tay L
Road
ALASKA
DAWSON
N.W.T.
KIWI
WHITEHORSE
YUKON
BRITISH COLUMBIA
Pacific
Ocean
400 km
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA
KIWI PROPERTY
LOCATION MAP
0 5 10 km
SCALE: 1:250,000
NTS No: 105 J
FIG. No: 1


RIDDELL RIVER
MAORI
BALI
FIJI
Kea Creek
Kakapo Creek
AUSSI
N
3000
3500
4000
4500
5000
KIWI
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA
KIWI PROPERTY
CLAIM LOCATION
0 1 2 km
SCALE: 1:50,000
NTS No: 105J/12W
FIG. No: 2

Teck's 1997 program revealed: 1) widespread Au values >100 ppb to 420 ppb (in 50% of the samples) and As values >1,000 ppm to 1.4%, from the Discovery Zone, 2) another similar alteration zone at the North Zone, 800m to the north of the Discovery Zone, and 3) six significant anomalous zones identified by a soil survey.

## 5. 1998 WORK

Over 20 man days were spent on the Kiwi property between August 29 and September 29, 1998. Work consisted of 37 line km of soil sampling and 1:5,000 property scale mapping, sampling and prospecting.

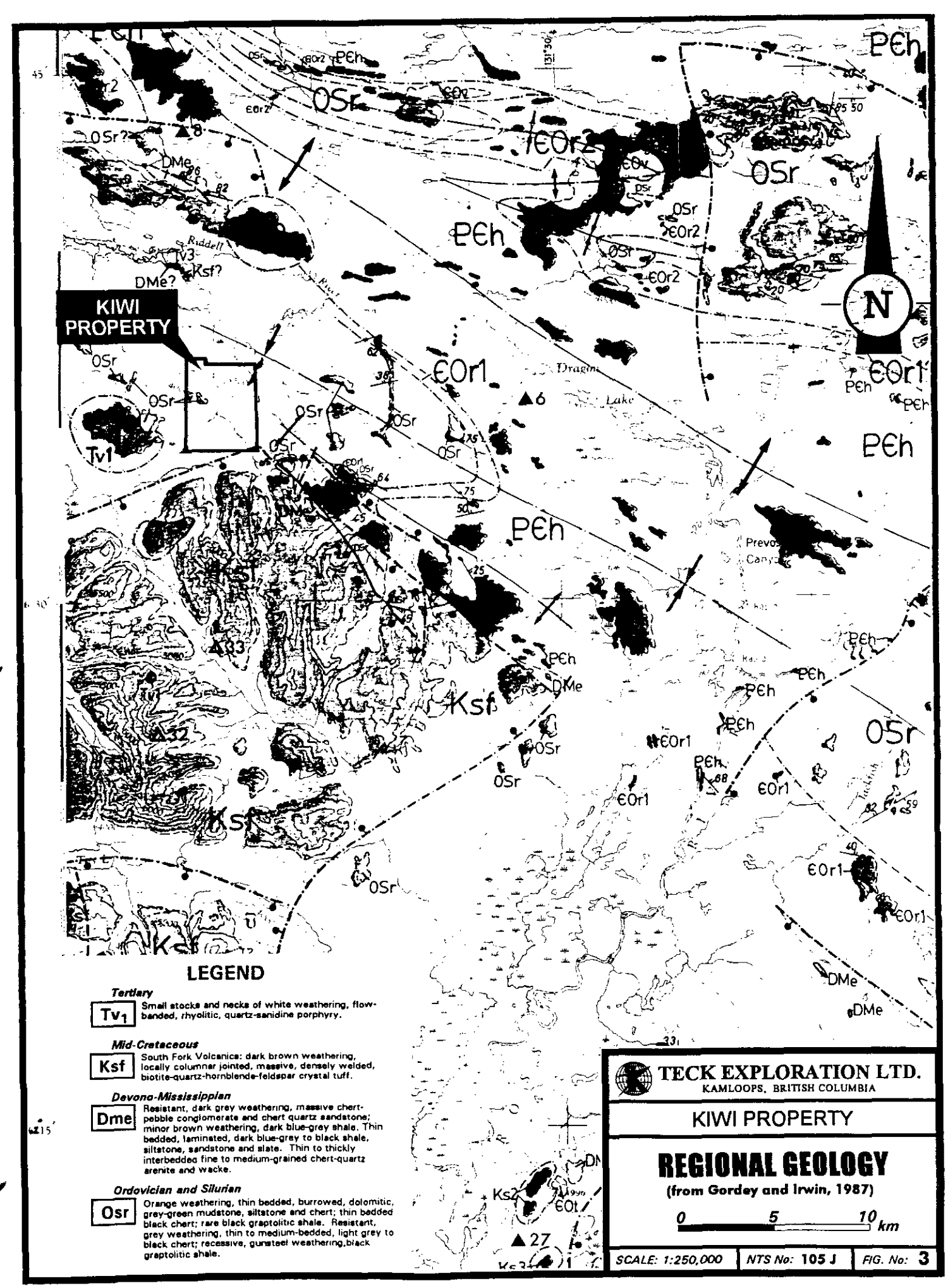
An additional 37 line km of grid was established and a soil survey completed over the grid. Three lines were added to the south end of the existing grid to cover the southern extent of Soil Anomaly 2 and four lines were added to the north end to cover the North Zone. Line spacing is 50m apart with soil samples collected at 25m intervals. Lines 47N and 48N were extended to the west to cover the New Zone with soil samples collected every 50m. Control was provided by hipchain and compass from a previously cut baseline.

## 6. GEOLOGY

### a) Regional (Figure 3)

The regional geology of the Kiwi occurrence is represented on the Sheldon (105J) and Tay River (105 K) Map Sheets, Map 19-1987 by Gordey and Irwin.

Folded clastic sedimentary rocks of the Ordovician to Silurian Road River Group, locally overlain by Devono-Mississipian Earn Group clastics, are exposed, in part as a horst, beneath a down dropped block of the mid Cretaceous South Fork Volcanic Complex. Fold axes trend northwesterly and an anticlinal trace is shown that may pass through the Kiwi Showing area.




## LEGEND

***Tertiary***

**Tv₁** Small stocks and necks of white weathering, flow-banded, rhyolitic, quartz-sanidine porphyry.

***Mid-Cretaceous***

**Ksf** South Fork Volcanics: dark brown weathering, locally columnar jointed, massive, densely welded, biotite-quartz-hornblende-feldspar crystal tuff.

***Devono-Mississippian***

**Dme** Resistant, dark grey weathering, massive chert-pebble conglomerate and chert quartz sandstone; minor brown weathering, dark blue-grey shale. Thin bedded, laminated, dark blue-grey to black shale, siltstone, sandstone and slate. Thin to thickly interbedded fine to medium-grained chert-quartz arenite and wacke.

***Ordovician and Silurian***

**Osr** Orange weathering, thin bedded, burrowed, dolomitic, grey-green mudstone, siltstone and chert; thin bedded black chert; rare black graptolitic shale. Resistant, grey weathering, thin to medium-bedded, light grey to black chert; recessive, gunsteel weathering, black graptolitic shale.

**TECK EXPLORATION LTD.**
KAMLOOPS, BRITISH COLUMBIA

KIWI PROPERTY

# REGIONAL GEOLOGY

**(from Gordey and Irwin, 1987)**

0 5 10 km

SCALE: 1:250,000 | NTS No: 105 J | FIG. No: 3

**b) Property** (Figure 4)

There is very limited exposure on the Kiwi property and fairly extensive till cover. The outcrop is largely confined to creek banks and to the top of knolls in the western claim area, which is higher in elevation.

The oldest rocks exposed on the property are the clastic sedimentary rocks of the Road River Group (Unit 1) which primarily consist of black, commonly graphitic shales with minor black grit. The shales are probably more extensive than mapped due to recessive weathering, with exposures primarily confined to the creeks. They are known to underlie the southern claim area and are exposed along Kea, Kiwi and Kakapo Creeks.

The clastic sedimentary rocks are overlain by volcanic rocks of the mid Cretaceous South Fork Volcanic Complex (Unit 2). The volcanic rocks are exposed primarily along Kea Creek and just west of the Discovery Zone in Trench 98-12. They include massive brownish weathering biotite, quartz, hornblende, feldspar crystal lithic tuffs and minor debris flows. They appear to grade into subvolcanic quartz, feldspar porphyry (QFP) equivalents (Unit 3). Fragments in the tuff are commonly altered to chlorite and clots of pyrite are common. Andesitic feldspar porphyry of Unit 2 is also exposed along Kea Creek.

Both of the above units are intruded by dykes and sills of quartz, feldspar porphyritic quartz monzonite (Unit 3). It is unclear whether the quartz monzonite is associated with the mid Cretaceous Selwyn Plutonic Suite (possibly subvolcanic to the South Fork Volcanic Complex) or as a subvolcanic to the Tertiary rhyolitic quartz-sanidine porphyry which is shown on Figure 3 to outcrop to the west of the property. It appears that the QFP grades into Unit 2 because it is often difficult to differentiate between them. The quartz feldspar porphyry is primarily exposed in the western and southeastern claim areas.

### c) **Mineralization** (Figure 4, Photos 1-3)

Visible gold was discovered, associated with fine white, drusy quartz stringers in silicified black shale, on the western bank of Kiwi Creek (VG Showing) while conducting regional exploration of the area. Two veins are evident in the VG Showing area, both at or proximal to the quartz monzonite/shale contacts. Vein 1 (Photo 3) appears to trend 020-025°/85°E, varies from 0.3 to 1.0m wide and has been traced for 12m (the strike extents are covered by overburden). A 355°/52°E trend was delineated for both Vein 2 and the VG Zone (00417, 422, 440-441), which are exposed 10m above Vein 1. Quartz stringers, stockworking and silicification is also common in the Discovery Zone, a 135m long gossanous exposure in Kiwi Creek. Sulfide minerals include pyrite, arsenopyrite or arsenian pyrite and orpiment.

The Kiwi North Zone, 800m north of the Discovery Zone, consists of an alteration zone at the contact between pyritized QFP (00322, 330) and the black shale exposed along a fault zone. The contact trends 310°/50°W and the fault trends 150-170°/80°SW. The QFP is deeply weathered, pyritic, limonitic and clay altered.

Drusy quartz stringers, minor silicification, pervasive clay to propyllitic alteration and pyritization, ±pyrrhotite are evident in the New Zone, 700m west of the Discovery Zone (00462-75, 77-87).

Prospecting also uncovered mineralization hosted by the shales which includes pyritic quartz (00336) quartz breccia with shale fragments, (00347) to stringer stockworks (00349-50) and high level quartz vein material (00344). Silicified shale float, similar to the host of the VG Zone, was discovered in Kakapo Creek (00451). A sample of epithermal looking quartz vein float with 20% fine pyrite and breccia fragments of sericite altered rhyolite? and quartz was also discovered along Kea Creek (00443).

## Trench 98-11 VG Zone

PHOTO 1: View of Trench 98-11 from Northwest

PHOTO 2: View of VG Zone in Trench 98-11, looking Northwest.

## Vein 1

PHOTO 3: View looking southerly at Vein 1.

**d) Alteration** (Figures 4 and 8)

Three alteration zones have been discovered on the property, the Discovery, North and New Zones. At the Discovery Zone, alteration is most evident in the intrusive rocks and consists of clay, sericite, pyrite and silicification. Silicification with pyritization and some sericitization also occurs in the shales. The 1998 trenching program extended the size of the Discovery Alteration Zone to 200x100m, open in three directions. At the North Zone, the exposed alteration is less extensive, not as intense and appears to be restricted to the intrusive rocks.

Property mapping and prospecting outlined a new alteration zone, at least 100m x 75m in size, 700m to the west of the Discovery Zone. The alteration appears to be higher level or more distal with more propylitization and only minor silicification.

**e) Structure** (Figures 3-4)

A major fault appears to trend 160°/70-90°W, parallel to Kiwi Creek in the vicinity of the VG showing. This primary direction locally varies between 140° and 180°. A secondary fault set trends approximately 120°/60°NE. Contacts are commonly faulted along or at least parallel to the main structural direction.

## 9. GEOCHEMISTRY (Figures 4 - 8)

**a) Procedure**

A total of 88 rock, 137 soil and 10 stream sediment samples were collected from the property. The samples were sent to Eco-Tech Labs, Kamloops, B.C. and analyzed for Al, Sb, As, Ba, Bi, Cd, Ca, Cr, Co, Cu, Fe, La, Pb, Mg, Mn, Hg, Mo, Na, Ni, P, Ag, Sr, Ti, Sn, W, U, V and Zn using a 32 element ICP package which involves a nitric-aqua regia digestion. Au was analyzed by fire assay with an atomic absorption finish. Lab procedures and results are outlined in Appendix II.

The rock samples primarily consisted of chip samples across mineralized zones, veins, wallrock and alteration zones. Grab samples were collected from areas of float or limited subcrop. Rock sample results are plotted on Figure 4 with the geology.

The soil samples were primarily collected at 25m intervals on lines spaced 50m apart. In the New Zone on lines 47N and 48N, samples were collected every 50m. The samples were collected from the B horizon, where present and from the basal till if possible when only till cover was present. Samples were collected with a shovel and sent to the lab in waterproof kraft bags. Complete soil sample results are listed in Appendix II and Au, Ag and As results from the grid are plotted on Figures 5, 6 and 7.

The stream sediment samples consisted of six moss mat and four silt samples collected across the property. Complete sample results are listed in Appendix II and selected results are shown on Figure 4.

**b) Results and Interpretation**

***i)*** **Rocks:** (Figure 4)

A selected specimen from the VG Showing in 1997 returned 115.6 g/t Au, 32.7 g/t Ag with <5 ppm As. Vein 1 including the hanging wall carried 0.4 g/t Au with 0.2 % As across 1.6m. Vein 2 was only exposed as float. The lack of As in the high grade sample suggests that, at least some of the gold, is not tied up with the As (arsenian pyrite). About 50% of the rock samples collected from the Discovery Zone in 1997 contained >100 ppb Au and 40% of the samples contain >1,000 ppm As. The higher values were returned from veins, stockworked and/or silicified shale and pyritic shale-gouge.

Results from the VG Zone area in 1998 include 735 ppb Au from a fault zone (00417) and 535 ppb Au, 1520 ppm As over 2.6m (00422) from silicified shale of the VG Zone/Vein 2 extent. Other samples from the VG/Vein 2 area returned up to 6985 ppm As (00440).

Samples from the North Zone were not anomalous in Au but a sample from a silicified and pyritic QFP dyke returned 730 ppm As (00322).

Maximum values from the New Zone are 50 ppb Au with 2320 ppm As (00464) from clay altered intrusive with a limonitic boxwork. Another sample of clay altered intrusive with minor quartz returned 40 ppb Au, 1630 ppm As (00462). Drusy quartz stringers sampled in the vicinity contain 15 ppb Au, 1835 ppm As. A sample of pyritic intrusive, 100 to the south, contains 20 ppb Au, 310 ppm As (00487).

The sample of epithermal looking pyritic quartz vein float from Kea Creek contains 505 ppb Au, 8.4 ppm Ag with 100 ppm As (00443). Further upstream along a tributary of Kea Creek, epithermal style local quartz vein float, hosted by shale, returned 5.8 ppm Ag with 0.4% Pb and 0.1% Zn (00344).

**ii) Soils:** (Figures 5 - 7)

Despite the poor quality of the soils on the property, several low order Au,Ag and As anomalies were obtained from the soil survey. Low threshold values are a consequence of the poor soil quality.

The highest Au in soil anomaly is an 85 ppb Au value from L4350N/5525E, 150m southeast of Anomaly 2 (a six station Au in soil anomaly from 1997). A 25 ppb Au in soil anomaly is also evident at L44N/54E, 100m south of Soil Anomaly 2. Although an easterly ice direction is dominant in the area, local northwest trends are evident in this area, suggesting that the 85 ppb Au anomaly may be closer to source than at Anomaly 2. The location of this 85 ppb Au anomaly along a low ridge line is even more promising. Three low order Ag anomalies of 1.0 ppm and two As anomalies of 45 and 50 ppm occur proximal to the 25 ppb Au and west of the 85 ppb Au anomalies. This cluster of Au, Ag and As anomalies will be referred to as Anomaly 7.

A cluster of anomalous Ag in soil values occurs at the eastern end of lines 44N and 4450N (Anomaly 8).

A 20 ppb Au with 215 ppm As in soil anomaly was obtained from L47N/46E over the New Zone. A 65 ppm As in soil anomaly was returned from L47N/4750E, just east of the New Zone. This ties in with a 50 ppm As in soil anomaly from L48N/47E. Although data is limited, the As anomaly trends northwest, similar to faults in the Discovery Zone and may reflect a controlling structure to mineralization in this area (Anomaly 9).

A low order Au-Ag anomaly occurs 50 m northwest of the North Zone and includes a 10 ppb Au, 2.0 ppm Ag value from L57N/47E and a 1.2 ppm Ag value from L5650N/4750E (Anomaly 10). Two anomalous As values of 175 and 120 ppm, at and upstream of the North Zone, are evident but occur within the floodplain of Kea Creek.

**iii) Stream sediment:** (Figure 4)

Only one anomaly was obtained from the 10 stream sediment samples collected across the property. Values of 25 ppb Au, 1.2 ppm Ag were obtained from moss mat sample MK-24 from a tributary of Kea Creek on the Kiwi 49 claim. From sampling on Kiwi Creek, stream sediment sampling does not appear to be very effective in this area unless very close to source.

## 10. CONCLUSIONS AND RECOMMENDATIONS (Figure 8)

Despite the extensive till cover, the Kiwi property exhibits good potential to host a bulk tonnage or bonanza style epithermal deposit. The VG Showing, with values of 115g/t Au, 32g/t Ag, demonstrates the high grade potential. The bulk tonnage potential is reflected in the abundance of low anomalous Au and As.

Widespread Au values >100 ppb to 735 ppb and As values >1,000 ppm to 1.4%, in the Discovery Zone. Ag values are low except for in the VG Showing. The higher Au values were returned from veins, stockworked and/or silicified shale and quartz monzonite and less commonly in pyritic shale-gouge.

Although no significant Au values were returned from the North Zone and the New Zone, the geology and alteration is prospective. The North Zone hosts the favourable fault contact between the shales and altered intrusion which is anomalous in As. The New Zone exhibits a high level signature, suggested by the alteration assemblage, with low anomalous Au and significant As anomalies in rock and soil. The size of the alteration zone is favourable in that it is suggestive of a large system.

Despite the poor soil profile, the soil survey outlined four anomalous zones that should be followed up. Two occur in the Discovery Zone, one in the New Zone and another in the North Zone.

Magnetic and induced polarization geophysical surveys should be considered over the grid area in 1999 to evaluate the property. An investigation of and possible hand trenching in the vicinity of the 85 ppb Au in soil anomaly is recommended. A second phase 5 hole, 900m helicopter supported diamond drill program is further recommended to test the Discovery Zone. A budget of $100,000 is required for the geophysical surveys and $200,000 for the drill program.

## APPENDIX I

### Selected References

Gordey, S.P. and Irwin S. E.B. (1987): Geology of the Sheldon Lake and Tay River map areas, Y.T.; Geological Survey of Canada Map 19-1987, scale 1:250,000.

Pautler, J. (1997): 1997 geological, geochemical and trenching report on the Kiwi property, Y.T.; In house report, 1997.

Roddick, J.A. and Green, J.H. (1961): Sheldon Lake map area, Y.T. ; Geological Survey of Canada, Map 12-1961.

Yukon Minfile (1996): Yukon Geology Program, IMS Ltd., NTS 105 J.

# APPENDIX II

## Geochemical Procedure and Results

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

SAMPLE PREPARATION: ROCK/CORE

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

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

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

ANALYSIS:

GOLD ANALYSIS:

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

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

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

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

GEOCHEMICAL ANALYSES: AU, CU, PB, ZN

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

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

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

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 nylon sieves.

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

## METHODS OF ANALYSIS

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

1. Multi-Element Cd, Cr, Co, Cu, Fe (acid soluble), Pb, Mn, Ni, Ag, Zn, Mo

| Digestion | Finish |
|---|---|
| Hot aqua-regia | Atomic Absorption, background correction applied where appropriate |

A) Multi-Element ICP

| Digestion | Finish |
|---|---|
| Hot aqua-regia | ICP |

2. Antimony

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

3. Arsenic

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

4. Barium

| Digestion | Finish |
|---|---|
| Lithium Metaborate Fusion | Atomic Absorption |

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

# GEOCHEMICAL LABORATORY METHODS

## Multi Element ICP Analyses

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

**Analysis:** Inductively coupled Plasma.

14-Sep-98

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

Phone 250-573-5700
Fax 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 98-524

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

ATTENTION: JEAN PAUTLER

*No of samples received* 13
*Sample Type* Rock
*PROJECT #* None Given
*SHIPMENT #* None Given
*Samples submitted by* Teck

***Values in ppm unless otherwise reported***

| Et # | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 00303 | 5 | 0.2 | 0.41 | 90 | 305 | <5 | 0.06 | <1 | 6 | 62 | 8 | 2.04 | <10 | 0.02 | 375 | 5 | 0.01 | 5 | 200 | 20 | <5 | <20 | 53 | <0.01 | <10 | 6 | <10 | 5 | 72 |
| 2 | 00304 | 5 | 0.6 | 0.03 | <5 | 10 | <5 | <0.01 | <1 | <1 | 230 | 5 | 0.33 | <10 | <0.01 | 49 | 10 | <0.01 | 5 | <10 | <2 | <5 | <20 | <1 | <0.01 | <10 | <1 | <10 | <1 | <1 |
| 3 | 00305 | 5 | <0.2 | 2.32 | 10 | 45 | 10 | 0.11 | <1 | 22 | 41 | 54 | 6.89 | <10 | 1.26 | 363 | 8 | 0.02 | 67 | 460 | 24 | <5 | <20 | 7 | <0.01 | <10 | 44 | <10 | 5 | 154 |
| 4 | 00306 | 5 | <0.2 | 3.54 | 10 | 80 | 10 | 4.70 | 1 | 21 | 71 | 40 | 6.61 | <10 | 2.76 | 999 | 8 | 0.02 | 64 | 380 | 26 | 10 | <20 | 224 | <0.01 | <10 | 85 | <10 | 6 | 265 |
| 5 | 00307 | 5 | <0.2 | 1.39 | <5 | 30 | <5 | 8.94 | <1 | 9 | 110 | 27 | 4.12 | <10 | 1.42 | 866 | 6 | 0.01 | 24 | 160 | 12 | 10 | <20 | 285 | <0.01 | <10 | 54 | <10 | 3 | 78 |
| 6 | 00308 | 10 | <0.2 | 1.32 | 10 | 80 | 5 | 2.30 | <1 | 10 | 68 | 7 | 3.65 | 30 | 0.86 | 640 | 6 | 0.04 | 3 | 510 | 26 | <5 | <20 | 44 | <0.01 | <10 | 33 | <10 | 14 | 54 |
| 7 | 00309 | 5 | <0.2 | 1.28 | 30 | 70 | <5 | 2.45 | <1 | 10 | 80 | 7 | 3.69 | 20 | 0.90 | 847 | 5 | 0.03 | 3 | 500 | 30 | <5 | <20 | 40 | <0.01 | <10 | 47 | <10 | 13 | 55 |
| 8 | 00310 | 5 | 0.4 | 1.27 | <5 | 90 | 5 | 0.70 | <1 | 12 | 105 | 11 | 3.44 | 30 | 0.82 | 483 | 9 | 0.04 | 12 | 520 | 30 | <5 | <20 | 12 | <0.01 | <10 | 40 | <10 | 12 | 78 |
| 9 | 00311 | 5 | <0.2 | 3.32 | 10 | 65 | 10 | 0.17 | <1 | 11 | 99 | 36 | 6.41 | <10 | 2.57 | 918 | 8 | 0.01 | 39 | 620 | 20 | 5 | <20 | 7 | <0.01 | <10 | 93 | <10 | <1 | 93 |
| [redacted] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 00400 | 5 | 0.2 | 0.44 | <5 | 160 | 5 | 2.11 | <1 | 7 | 39 | 17 | 3.18 | 20 | 0.26 | 742 | 22 | 0.03 | 3 | 460 | 22 | <5 | <20 | 68 | <0.01 | <10 | 9 | <10 | 10 | 48 |
| **QC DATA:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***Resplit:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R/S 1 | 00303 | 5 | <0.2 | 0.38 | 90 | 315 | <5 | 0.05 | <1 | 6 | 55 | 10 | 1.99 | <10 | 0.01 | 359 | 7 | 0.01 | 5 | 230 | 18 | <5 | <20 | 59 | <0.01 | <10 | 5 | <10 | 6 | 71 |
| ***Repeat:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 00303 | 5 | <0.2 | 0.43 | 85 | 315 | <5 | 0.05 | <1 | 6 | 63 | 8 | 2.02 | <10 | 0.02 | 369 | 5 | 0.01 | 5 | 210 | 20 | <5 | <20 | 60 | <0.01 | <10 | 6 | <10 | 5 | 71 |
| 10 | 00397 | | 3.4 | 0.63 | <5 | 55 | <5 | 1.33 | <1 | 8 | 50 | 3802 | 1.33 | <10 | 0.50 | 134 | 5 | 0.07 | 13 | 1200 | 6 | 10 | <20 | 70 | 0.10 | <10 | 38 | <10 | 1 | 13 |
| ***Standard:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEO'98 | | 125 | 1.2 | 1.69 | 60 | 160 | <5 | 1.84 | <1 | 19 | 62 | 83 | 3.95 | <10 | 0.98 | 671 | 2 | 0.03 | 25 | 650 | 22 | <5 | <20 | 57 | 0.11 | <10 | 75 | <10 | 5 | 71 |

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*fax 372-1285*

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

30-Sep-98

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

Phone: 250-573-5700
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ICP CERTIFICATE OF ANALYSIS AK 98-573

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

**ATTENTION: JEAN PAUTLER**

*No. of samples received: 21*
*Sample Type: Rock*
*PROJECT #: 1762 KIWI*
*SHIPMENT #: None Given*
*Samples submitted by: T. Archibald*

***Values in ppm unless otherwise reported***

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 312 | 5 | <0.2 | 0.89 | <5 | 65 | <5 | 2.89 | <1 | 5 | 87 | 5 | 2.14 | 30 | 0.32 | 476 | 4 | 0.02 | <1 | 420 | 18 | <5 | <20 | 78 | <0.01 | <10 | 8 | <10 | 11 | 36 |
| 2 | 313 | 5 | 0.2 | 0.99 | <5 | 55 | <5 | 2.29 | <1 | 7 | 80 | 17 | 2.97 | 10 | 0.36 | 739 | 5 | 0.04 | <1 | 440 | 38 | <5 | <20 | 51 | <0.01 | <10 | 16 | <10 | 12 | 56 |
| 3 | 314 | 5 | <0.2 | 1.73 | <5 | 60 | 5 | 0.78 | <1 | 10 | 69 | 11 | 3.42 | <10 | 0.91 | 621 | 2 | 0.08 | 4 | 450 | 26 | 5 | <20 | 22 | 0.05 | <10 | 36 | <10 | 4 | 86 |
| 4 | 315 | 5 | <0.2 | 2.37 | <5 | 130 | 10 | 0.09 | 1 | 7 | 160 | 25 | 5.30 | <10 | 1.32 | 559 | 8 | 0.01 | 31 | 210 | 22 | <5 | <20 | 6 | <0.01 | <10 | 124 | <10 | <1 | 105 |
| 5 | 316 | 5 | 1.0 | 6.06 | 15 | 235 | 5 | 2.68 | 2 | 14 | 147 | 80 | 5.72 | <10 | 2.25 | 2843 | 4 | 0.20 | <1 | 480 | 1776 | 10 | <20 | 210 | 0.02 | <10 | 87 | <10 | 6 | 1778 |
| 6 | 317 | 5 | <0.2 | 1.98 | 10 | 120 | 5 | 0.06 | <1 | 4 | 83 | 28 | 5.01 | <10 | 1.07 | 338 | 8 | 0.01 | 12 | 370 | 62 | <5 | <20 | 4 | <0.01 | <10 | 69 | <10 | <1 | 58 |
| 7 | 318 | 5 | <0.2 | 3.03 | 10 | 155 | 10 | 0.05 | 1 | 7 | 53 | 20 | 6.27 | <10 | 1.49 | 536 | 5 | 0.02 | 24 | 420 | 36 | <5 | <20 | 5 | <0.01 | <10 | 56 | <10 | <1 | 65 |
| 8 | 319 | 5 | <0.2 | 0.15 | <5 | 30 | <5 | <0.01 | <1 | 1 | 250 | 5 | 0.94 | <10 | 0.03 | 48 | 9 | <0.01 | 1 | 40 | 4 | <5 | <20 | 3 | <0.01 | <10 | 3 | <10 | <1 | 1 |
| 9 | 320 | 5 | <0.2 | 1.95 | 30 | 85 | <5 | 0.87 | <1 | 12 | 76 | 11 | 3.94 | <10 | 1.08 | 1189 | 2 | 0.11 | 2 | 460 | 16 | <5 | <20 | 22 | 0.07 | <10 | 61 | <10 | 2 | 118 |
| 10 | 325 | 5 | 0.2 | 0.78 | 90 | 45 | <5 | 1.79 | <1 | 9 | 59 | 8 | 3.25 | <10 | 0.20 | 425 | 5 | <0.01 | 1 | 290 | 18 | <5 | <20 | 75 | <0.01 | <10 | 4 | <10 | 7 | 61 |
| 11 | 326 | 5 | 0.4 | 1.16 | 75 | 30 | 5 | 0.88 | 1 | 10 | 127 | 26 | 5.20 | <10 | 0.79 | 319 | 8 | <0.01 | 38 | 410 | 20 | <5 | <20 | 60 | <0.01 | <10 | 53 | <10 | <1 | 110 |
| 12 | 327 | 10 | 0.6 | 0.80 | 170 | 40 | 10 | 1.47 | <1 | 8 | 103 | 7 | 4.10 | <10 | 0.35 | 414 | 7 | <0.01 | <1 | 410 | 30 | <5 | <20 | 167 | <0.01 | <10 | 5 | <10 | 5 | 69 |
| 13 | 328 | 5 | <0.2 | 1.05 | 15 | 50 | 5 | 2.06 | <1 | 10 | 73 | 5 | 3.57 | <10 | 0.34 | 475 | 4 | 0.02 | <1 | 410 | 18 | <5 | <20 | 71 | <0.01 | <10 | 13 | <10 | 6 | 47 |
| 14 | 329 | 10 | 0.4 | 3.40 | 135 | 55 | 25 | 0.14 | <1 | 12 | 45 | 13 | >10 | <10 | 1.03 | 838 | 10 | 0.01 | <1 | 460 | 28 | <5 | <20 | 2 | <0.01 | <10 | 74 | <10 | <1 | 60 |
| 15 | 330 | 5 | <0.2 | 0.47 | <5 | 40 | 5 | 0.04 | <1 | 3 | 37 | 6 | 2.76 | <10 | 0.03 | 33 | 3 | <0.01 | <1 | 80 | 30 | <5 | <20 | 3 | <0.01 | <10 | 2 | <10 | <1 | 14 |
| 16 | 331 | 5 | <0.2 | 0.73 | <5 | 45 | 5 | 1.66 | <1 | 8 | 105 | 10 | 3.66 | <10 | 0.58 | 473 | 10 | <0.01 | <1 | 450 | 22 | <5 | <20 | 95 | <0.01 | <10 | 6 | <10 | 3 | 67 |
| 17 | 332 | 5 | <0.2 | 1.34 | 5 | 130 | 10 | 2.39 | <1 | 7 | 48 | 6 | 3.68 | 10 | 0.56 | 738 | 4 | 0.02 | <1 | 780 | 16 | <5 | <20 | 165 | <0.01 | <10 | 22 | <10 | 8 | 59 |
| 18 | 333 | 5 | <0.2 | 5.37 | 25 | 90 | 10 | 1.91 | 1 | 17 | 99 | 36 | 5.20 | <10 | 2.20 | 706 | 9 | 0.42 | 46 | 450 | 34 | 5 | <20 | 308 | <0.01 | <10 | 162 | <10 | <1 | 116 |
| 19 | 334 | 5 | <0.2 | 3.05 | 5 | 95 | 10 | 0.18 | 1 | 19 | 77 | 45 | 6.45 | <10 | 1.93 | 511 | 7 | 0.02 | 58 | 520 | 62 | <5 | <20 | 22 | <0.01 | <10 | 80 | <10 | <1 | 230 |
| 20 | 335 | 5 | <0.2 | 0.67 | <5 | 70 | <5 | 5.33 | <1 | 5 | 164 | 36 | 2.68 | <10 | 0.42 | 212 | 13 | <0.01 | 15 | 140 | 12 | <5 | <20 | 159 | <0.01 | <10 | 30 | <10 | <1 | 55 |
| 21 | 336 | 5 | <0.2 | 3.55 | 20 | 60 | 10 | 1.59 | 1 | 17 | 172 | 33 | 4.20 | <10 | 1.04 | 236 | 12 | 0.31 | 40 | 600 | 20 | <5 | <20 | 233 | 0.02 | <10 | 58 | <10 | <1 | 111 |

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QC DATA: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Resplit:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R/S 1 | 312 | 5 | <0.2 | 0.92 | <5 | 55 | <5 | 2.85 | <1 | 5 | 82 | 4 | 2.21 | 30 | 0.34 | 486 | 3 | 0.02 | 1 | 440 | 18 | <5 | <20 | 77 | <0.01 | <10 | 8 | <10 | 11 | 39 |
| *Repeat:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 312 | 5 | <0.2 | 0.92 | <5 | 65 | <5 | 2.98 | <1 | 5 | 89 | 5 | 2.22 | 30 | 0.33 | 496 | 4 | 0.03 | <1 | 440 | 18 | <5 | <20 | 83 | <0.01 | <10 | 8 | <10 | 12 | 38 |
| 10 | 325 | 5 | 0.4 | 0.77 | 85 | 45 | <5 | 1.72 | <1 | 9 | 62 | 8 | 3.14 | <10 | 0.20 | 408 | 5 | 0.01 | 3 | 290 | 18 | <5 | <20 | 76 | <0.01 | <10 | 5 | <10 | 6 | 61 |
| 19 | 334 | - | <0.2 | 3.05 | 10 | 105 | 10 | 0.19 | 2 | 19 | 77 | 44 | 6.42 | <10 | 1.91 | 505 | 7 | 0.02 | 57 | 510 | 58 | <5 | <20 | 20 | <0.01 | <10 | 79 | <10 | <1 | 234 |
| *Standard:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEO'98 | | 140 | 1.0 | 1.80 | 65 | 155 | <5 | 1.87 | <1 | 20 | 65 | 77 | 3.82 | <10 | 0.98 | 666 | <1 | 0.02 | 22 | 620 | 24 | <5 | <20 | 59 | 0.08 | <10 | 79 | <10 | 5 | 69 |

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14-Oct-98

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ICP CERTIFICATE OF ANALYSIS AK 98-610

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

ATTENTION: JEAN PAUTLER

*No. of samples received: 30*
*Sample Type: Rock*
*PROJECT #: 1762 KIWI*
*SHIPMENT #: None Given*
*Samples submitted by: T. Archibald*

*Values in ppm unless otherwise reported*

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 00337 | 5 | 0.4 | 0.58 | <5 | 85 | <5 | 0.63 | <1 | 3 | 99 | 54 | 1.53 | <10 | 0.28 | 189 | 4 | <0.01 | 11 | 470 | 8 | <5 | <20 | 46 | <0.01 | <10 | 14 | <10 | 4 | 22 |
| 2 | 00338 | 5 | <0.2 | 1.40 | 20 | 245 | <5 | 1.61 | 6 | 5 | 178 | 27 | 1.87 | 10 | 1.40 | 277 | 8 | <0.01 | 66 | 2000 | 14 | 10 | <20 | 52 | <0.01 | <10 | 392 | <10 | 15 | 273 |
| 3 | 00339 | 5 | <0.2 | 1.21 | 10 | 200 | 5 | 0.79 | <1 | 6 | 65 | 5 | 3.64 | 30 | 0.52 | 737 | 6 | 0.03 | 4 | 500 | 26 | <5 | <20 | 18 | <0.01 | <10 | 34 | <10 | 17 | 44 |
| 4 | 00340 | 5 | 0.2 | 2.15 | 10 | 40 | 5 | 0.41 | 2 | 18 | 97 | 41 | 9.18 | <10 | 0.67 | 586 | 18 | 0.01 | 61 | 1560 | 22 | <5 | <20 | 27 | <0.01 | <10 | 141 | <10 | 3 | 100 |
| 5 | 00341 | 10 | 0.6 | 2.18 | <5 | 40 | 15 | 0.56 | 2 | 21 | 95 | 64 | >10 | <10 | 0.63 | 591 | 19 | <0.01 | 59 | 2110 | 26 | <5 | <20 | 41 | <0.01 | <10 | 172 | <10 | 2 | 94 |
| 6 | 00342 | 5 | <0.2 | 4.72 | 5 | 135 | 10 | 1.47 | <1 | 22 | 92 | 42 | 5.26 | <10 | 1.90 | 449 | 6 | 0.37 | 65 | 530 | 24 | <5 | <20 | 243 | 0.12 | <10 | 96 | <10 | 2 | 124 |
| 7 | 00343 | 5 | <0.2 | 3.11 | <5 | 1070 | 16 | 0.84 | <1 | 13 | 131 | 25 | 4.88 | <10 | 1.61 | 452 | <1 | 0.08 | 49 | 530 | 24 | <5 | <20 | 87 | 0.16 | <10 | 73 | <10 | 3 | 70 |
| 8 | 00344 | 5 | 5.8 | 0.39 | <5 | 55 | 10 | 0.04 | 9 | 5 | 235 | 14 | 1.35 | <10 | 0.20 | 207 | 9 | <0.01 | 11 | 70 | 4048 | <5 | <20 | 6 | <0.01 | <10 | 23 | <10 | <1 | 1084 |
| 9 | 00345 | 5 | <0.2 | 4.54 | <5 | 440 | 10 | 1.35 | <1 | 20 | 102 | 56 | 6.38 | <10 | 1.70 | 494 | <1 | 0.30 | 55 | 610 | 90 | <5 | <20 | 185 | 0.17 | <10 | 90 | <10 | <1 | 114 |
| 10 | 00346 | 5 | <0.2 | 2.80 | 20 | 490 | 15 | 0.82 | <1 | 7 | 130 | 28 | 3.94 | <10 | 1.09 | 280 | 3 | 0.11 | 42 | 700 | 32 | <5 | <20 | 48 | 0.15 | <10 | 67 | <10 | 2 | 37 |
| 11 | 00347 | 5 | <0.2 | 4.38 | <5 | 265 | 10 | 0.69 | 1 | 16 | 150 | 25 | 6.95 | <10 | 2.36 | 850 | 8 | 0.12 | 82 | 500 | 36 | <5 | <20 | 97 | 0.03 | <10 | 118 | <10 | <1 | 128 |
| 12 | 00348 | 5 | <0.2 | 3.17 | <5 | 135 | 10 | 2.95 | <1 | 9 | 168 | 18 | 5.17 | <10 | 2.09 | 1020 | 7 | 0.07 | 35 | 400 | 16 | <5 | <20 | 211 | 0.03 | <10 | 85 | <10 | <1 | 85 |
| 13 | 00349 | 5 | <0.2 | 3.62 | 5 | 130 | 10 | 0.26 | <1 | 13 | 128 | 31 | 7.01 | <10 | 2.23 | 1003 | 8 | 0.06 | 36 | 290 | 28 | <5 | <20 | 38 | <0.01 | <10 | 89 | <10 | <1 | 74 |
| 14 | 00350 | 5 | <0.2 | 2.11 | 5 | 110 | <5 | 0.05 | <1 | 13 | 204 | 38 | 5.54 | <10 | 1.25 | 454 | 11 | 0.02 | 49 | 290 | 30 | <5 | <20 | 9 | <0.01 | <10 | 65 | <10 | <1 | 108 |
| 98-9 15 | 00401 | 5 | <0.2 | 0.52 | 5 | 160 | <5 | 0.11 | <1 | 4 | 70 | 7 | 2.89 | 30 | 0.04 | 256 | 5 | 0.01 | 4 | 400 | 24 | <5 | <20 | 9 | <0.01 | <10 | 5 | <10 | 6 | 34 |
| 16 | 00402 | 5 | <0.2 | 0.70 | <5 | 215 | <5 | 0.22 | <1 | 5 | 72 | 6 | 2.62 | 30 | 0.11 | 500 | 5 | 0.01 | 7 | 420 | 26 | <5 | <20 | 12 | <0.01 | <10 | 5 | <10 | 9 | 36 |
| 17 | 00403 | 5 | 0.2 | 0.94 | <5 | 255 | <5 | 0.19 | <1 | 5 | 65 | 6 | 2.72 | 30 | 0.17 | 464 | 3 | 0.01 | 5 | 420 | 26 | <5 | <20 | 10 | <0.01 | <10 | 6 | <10 | 7 | 36 |
| 18 | 00404 | 5 | <0.2 | 0.90 | 20 | 190 | <5 | 0.17 | <1 | 7 | 74 | 5 | 2.67 | 30 | 0.18 | 636 | 5 | <0.01 | 6 | 480 | 30 | <5 | <20 | 8 | <0.01 | <10 | 8 | <10 | 7 | 40 |
| 19 | 00405 | 5 | <0.2 | 0.75 | 20 | 255 | <5 | 0.18 | <1 | 10 | 61 | 9 | 3.10 | 20 | 0.11 | 867 | 4 | <0.01 | 12 | 440 | 24 | <5 | <20 | 13 | <0.01 | <10 | 7 | <10 | 8 | 66 |
| 20 | 00406 | 5 | 0.2 | 0.34 | 55 | 185 | <5 | 0.40 | <1 | 10 | 57 | 8 | 3.21 | 10 | 0.09 | 1003 | 5 | <0.01 | 12 | 480 | 22 | <5 | <20 | 27 | <0.01 | <10 | 7 | <10 | 11 | 76 |

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 00407 | 5 | 0.4 | 0.43 | 35 | 95 | <5 | 0.58 | <1 | 24 | 18 | 42 | 4.59 | <10 | 0.28 | 409 | 7 | 0.01 | 70 | 310 | 16 | <5 | <20 | 59 | <0.01 | <10 | 24 | <10 | 3 | 161 |
| 22 | 00408 3.7m | 35 | <0.2 | 0.26 | 1070 | 155 | <5 | 0.07 | <1 | <1 | 95 | 6 | 0.74 | <10 | 0.02 | 25 | 9 | <0.01 | 5 | 670 | 14 | 20 | <20 | 119 | <0.01 | <10 | 25 | <10 | 2 | 11 |
| 23 | 00409 3.5m | 95 | 0.4 | 0.33 | 2180 | 285 | <5 | 0.02 | <1 | <1 | 85 | 7 | 0.79 | <10 | 0.03 | 19 | 5 | <0.01 | 5 | 310 | 12 | 30 | <20 | 88 | <0.01 | <10 | 16 | <10 | 2 | 5 |
| 24 | 00451 | 15 | 0.4 | 0.12 | 35 | 195 | <5 | 0.02 | <1 | <1 | 209 | 11 | 0.63 | <10 | <0.01 | 165 | 9 | <0.01 | 9 | 80 | 4 | <5 | <20 | 19 | <0.01 | <10 | 13 | <10 | 2 | <1 |
| 25 | 00452 | 5 | <0.2 | 2.26 | 10 | 110 | 10 | 0.04 | <1 | 21 | 160 | 23 | 5.60 | <10 | 1.24 | 596 | 9 | 0.02 | 44 | 300 | 18 | <5 | <20 | 11 | <0.01 | <10 | 40 | <10 | <1 | 93 |
| 26 | 00453 | 5 | 0.6 | 0.28 | 10 | 75 | <5 | 0.02 | <1 | 2 | 188 | 3 | 0.60 | 10 | 0.03 | 72 | 7 | <0.01 | 5 | 50 | 22 | <5 | <20 | 29 | <0.01 | <10 | 3 | <10 | 3 | 4 |
| 27 | 00454 | 5 | <0.2 | 3.19 | 5 | 175 | 5 | 2.62 | <1 | 25 | 262 | 18 | 5.24 | 10 | 2.98 | 950 | 4 | 0.02 | 31 | 500 | 28 | <5 | <20 | 54 | <0.01 | <10 | 97 | <10 | 6 | 47 |
| 28 | 00455 | 5 | <0.2 | 1.86 | <5 | 45 | 10 | 1.20 | <1 | 11 | 98 | 12 | 3.85 | <10 | 0.65 | 563 | 3 | 0.07 | 3 | 610 | 12 | <5 | <20 | 31 | 0.13 | <10 | 38 | <10 | 5 | 38 |
| 29 | 00456 | 5 | <0.2 | 3.82 | 5 | 95 | 10 | 3.64 | <1 | 23 | 223 | 13 | 5.52 | 10 | 3.59 | 977 | 2 | 0.02 | 28 | 490 | 24 | <5 | <20 | 182 | <0.01 | <10 | 114 | <10 | 4 | 50 |
| 30 | 00457 | 5 | <0.2 | 4.97 | 5 | 210 | 15 | 2.64 | <1 | 28 | 240 | 24 | 5.61 | <10 | 2.84 | 584 | <1 | 0.55 | 34 | 480 | 14 | <5 | <20 | 207 | 0.29 | <10 | 155 | <10 | 6 | 47 |
| QC DATA: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Resplit:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R/S 1 | 00337 | 5 | <0.2 | 0.53 | <5 | 95 | <5 | 0.62 | <1 | 3 | 85 | 52 | 1.49 | <10 | 0.28 | 176 | 4 | 0.01 | 10 | 440 | 8 | <5 | <20 | 45 | <0.01 | <10 | 12 | <10 | 4 | 26 |
| *Repeat:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 00337 | 5 | <0.2 | 0.56 | <5 | 75 | <5 | 0.61 | <1 | 4 | 94 | 51 | 1.47 | <10 | 0.27 | 171 | 3 | 0.01 | 10 | 450 | 10 | <5 | <20 | 44 | <0.01 | <10 | 13 | <10 | 4 | 23 |
| 10 | 00346 | 5 | <0.2 | 2.75 | 20 | 485 | 15 | 0.81 | <1 | 7 | 129 | 26 | 3.89 | <10 | 1.06 | 279 | 3 | 0.11 | 41 | 700 | 34 | <5 | <20 | 49 | 0.15 | <10 | 55 | <10 | 2 | 36 |
| 19 | 00405 | 5 | 0.4 | 0.78 | 20 | 265 | <5 | 0.19 | <1 | 11 | 64 | 9 | 3.22 | 20 | 0.12 | 1008 | 4 | <0.01 | 12 | 480 | 24 | <5 | <20 | 12 | <0.01 | <10 | 7 | <10 | 9 | 68 |
| *Standard:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEO'98 | | 125 | 1.2 | 1.72 | 65 | 155 | 10 | 1.86 | <1 | 19 | 61 | 79 | 3.94 | <10 | 0.94 | 657 | <1 | 0.03 | 25 | 640 | 20 | <5 | <20 | 59 | 0.13 | <10 | 79 | <10 | 5 | 72 |

df/607
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Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

13-Oct-98

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**ICP CERTIFICATE OF ANALYSIS AK 98-608**

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

**ATTENTION: JEAN PAUTLER**

*No. of samples received: 33*
*Sample Type: Rock*
*PROJECT #: 1762 KIWI*
*SHIPMENT #: None Given*
*Samples submitted by: T. Archibald*

KIWI

*Values in ppm unless otherwise reported*

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 00410 | 5 | 0.2 | 1.16 | 10 | 170 | <5 | 0.68 | <1 | 8 | 59 | 8 | 3.21 | 10 | 0.34 | 720 | 6 | <0.01 | 5 | 390 | 22 | <5 | <20 | 16 | <0.01 | <10 | 10 | <10 | 10 | 37 |
| 2 | 00411 | 5 | 0.4 | 0.87 | 15 | 140 | 10 | 0.68 | <1 | 10 | 152 | 10 | 3.75 | <10 | 0.26 | 738 | 17 | <0.01 | 16 | 350 | 28 | <5 | <20 | 27 | <0.01 | <10 | 9 | <10 | 10 | 38 |
| 3 | 00412 | 125 | 1.0 | 0.33 | 2495 | 200 | 5 | 0.14 | <1 | 7 | 134 | 15 | 3.97 | <10 | 0.02 | 170 | 14 | <0.01 | 9 | 240 | 22 | 20 | <20 | 41 | <0.01 | <10 | 7 | <10 | <1 | 42 |
| 4 | 00413 | 55 | 1.0 | 0.28 | 910 | 155 | 5 | 0.06 | <1 | 4 | 80 | 8 | 2.95 | <10 | 0.01 | 83 | 6 | <0.01 | 4 | 270 | 20 | 5 | <20 | 41 | <0.01 | <10 | 9 | <10 | 1 | 29 |
| 5 | 00414 | 90 | 0.6 | 0.31 | 3370 | 160 | <5 | 0.03 | <1 | 4 | 113 | 13 | 3.45 | <10 | <0.01 | 52 | 11 | <0.01 | 4 | 290 | 18 | 15 | <20 | 23 | <0.01 | <10 | 7 | <10 | <1 | 20 |
| 6 | 00415 | 75 | 0.8 | 0.32 | 2615 | 195 | 5 | 0.03 | <1 | 4 | 149 | 10 | 4.07 | <10 | <0.01 | 48 | 10 | <0.01 | 6 | 330 | 16 | 5 | <20 | 29 | <0.01 | <10 | 9 | <10 | <1 | 24 |
| 7 | 00416 | 185 | 1.0 | 0.23 | 150 | 150 | <5 | <0.01 | <1 | <1 | 118 | 2 | 0.43 | 10 | <0.01 | 13 | 8 | <0.01 | <1 | 30 | 18 | 5 | <20 | 7 | <0.01 | <10 | 2 | <10 | 2 | <1 |
| 8 | 00417 | 735 | 1.4 | 0.34 | 290 | 280 | <5 | 0.01 | <1 | <1 | 53 | 2 | 0.66 | 10 | 0.01 | 10 | 4 | <0.01 | <1 | 70 | 34 | 20 | <20 | 15 | <0.01 | <10 | 9 | <10 | 1 | <1 |
| 9 | 00418 | 190 | 1.2 | 0.26 | 585 | 25 | <5 | 0.03 | <1 | 5 | 127 | 33 | 4.55 | <10 | <0.01 | 14 | 13 | <0.01 | 6 | 20 | 22 | <5 | <20 | 19 | <0.01 | <10 | 9 | <10 | <1 | <1 |
| 10 | 00419 | 165 | 0.4 | 0.33 | 2535 | 90 | <5 | 0.06 | <1 | 5 | 139 | 55 | 1.74 | <10 | 0.03 | 29 | 8 | <0.01 | 15 | 120 | 16 | 30 | <20 | 82 | <0.01 | <10 | 20 | <10 | <1 | 37 |
| 11 | 00420 | 160 | 0.8 | 0.36 | 680 | 95 | <5 | 0.05 | <1 | 3 | 154 | 29 | 1.76 | <10 | 0.02 | 17 | 15 | <0.01 | 9 | 140 | 18 | 15 | <20 | 108 | <0.01 | <10 | 32 | <10 | <1 | 4 |
| 12 | 00421 | 95 | 0.8 | 0.33 | 140 | 175 | <5 | 0.06 | <1 | 1 | 74 | 86 | 1.13 | <10 | 0.02 | 10 | 5 | <0.01 | 6 | 120 | 24 | 20 | <20 | 80 | <0.01 | <10 | 37 | <10 | <1 | <1 |
| 13 | 00422 | 535 | 0.6 | 0.25 | 1520 | 265 | <5 | 0.07 | <1 | <1 | 134 | 25 | 1.01 | <10 | 0.01 | 24 | 10 | <0.01 | 3 | 120 | 10 | 50 | <20 | 68 | <0.01 | <10 | 14 | <10 | <1 | <1 |
| 14 | 00423 | 20 | 0.2 | 0.27 | 130 | 185 | <5 | <0.01 | <1 | <1 | 68 | 2 | 1.08 | 10 | <0.01 | 10 | 4 | 0.01 | <1 | 110 | 20 | 5 | <20 | 76 | <0.01 | <10 | 5 | <10 | 1 | <1 |
| 15 | 00424 | 15 | 0.4 | 0.37 | 355 | 140 | <5 | 0.02 | <1 | 3 | 92 | 5 | 1.45 | 20 | <0.01 | 20 | 7 | <0.01 | 12 | 240 | 20 | <5 | <20 | 33 | <0.01 | <10 | 9 | <10 | 3 | 46 |
| 16 | 00425 | 145 | 0.6 | 0.08 | 485 | 345 | <5 | <0.01 | <1 | <1 | 233 | 10 | 1.28 | <10 | <0.01 | 76 | 10 | <0.01 | 5 | 60 | 8 | <5 | <20 | 28 | <0.01 | <10 | 3 | <10 | <1 | <1 |
| 17 | 00458 | 5 | 0.2 | 1.18 | 10 | 160 | <5 | 0.71 | <1 | 7 | 109 | 8 | 3.42 | 20 | 0.63 | 664 | 9 | 0.03 | 2 | 290 | 20 | <5 | <20 | 17 | <0.01 | <10 | 32 | <10 | 13 | 47 |
| 18 | 00459 | 5 | <0.2 | 3.75 | 10 | 260 | 15 | 3.00 | <1 | 25 | 289 | 20 | 5.80 | <10 | 3.53 | 914 | 4 | 0.05 | 31 | 360 | 22 | 5 | <20 | 88 | 0.01 | <10 | 155 | <10 | 7 | 57 |
| 19 | 00460 | 5 | 0.4 | 0.78 | 25 | 85 | 5 | 1.40 | <1 | 11 | 130 | 6 | 1.99 | 10 | 0.18 | 755 | 7 | 0.02 | 15 | 100 | 20 | <5 | <20 | 35 | <0.01 | <10 | 7 | <10 | 10 | 74 |
| 20 | 00461 | 5 | 0.2 | 1.03 | 50 | 130 | <5 | 0.05 | <1 | 7 | 164 | 24 | 2.46 | <10 | 0.57 | 180 | 13 | 0.01 | 14 | 170 | 14 | <5 | <20 | 28 | <0.01 | <10 | 38 | <10 | <1 | 27 |
| 21 | 00462 | 40 | 0.4 | 0.84 | 1630 | 40 | <5 | 0.07 | <1 | 2 | 117 | 9 | 3.10 | 20 | 0.39 | 105 | 8 | <0.01 | 2 | 390 | 22 | <5 | <20 | 5 | <0.01 | <10 | 33 | <10 | 2 | 4 |
| 22 | 00463 | 5 | 0.6 | 1.40 | 295 | 90 | <5 | 0.84 | <1 | 8 | 152 | 8 | 3.26 | 20 | 0.74 | 335 | 12 | <0.01 | 7 | 420 | 22 | <5 | <20 | 20 | <0.01 | <10 | 45 | <10 | 9 | 42 |
| 23 | 00464 | 50 | <0.2 | 1.35 | 2320 | 520 | <5 | 0.15 | <1 | <1 | 134 | 36 | 2.93 | 10 | 0.81 | 204 | 8 | <0.01 | 3 | 370 | 24 | 5 | <20 | 8 | <0.01 | <10 | 32 | <10 | 4 | 9 |
| 24 | 00466 | 5 | 0.4 | 1.22 | 85 | 110 | <5 | 0.65 | <1 | 10 | 145 | 5 | 3.70 | 20 | 0.71 | 586 | 12 | 0.02 | 7 | 380 | 22 | <5 | <20 | 37 | <0.01 | <10 | 27 | <10 | 9 | 30 |
| 25 | 00467 | 5 | 0.2 | 1.22 | 70 | 90 | 5 | 1.84 | <1 | 10 | 101 | 11 | 3.25 | 10 | 0.86 | 853 | 6 | 0.02 | 7 | 380 | 20 | <5 | <20 | 79 | <0.01 | <10 | 29 | <10 | 12 | 38 |

TECK EXPLORATION LTD.

ICP CERTIFICATE OF ANALYSIS AK 98-608

ECO-TECH LABORATORIES LTD.

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26 | 00468 | 5 | 0.4 | 1.59 | 20 | 85 | <5 | 1.47 | <1 | 11 | 107 | 6 | 3.44 | 20 | 0.88 | 685 | 7 | 0.02 | 5 | 390 | 22 | <5 | <20 | 45 | <0.01 | <10 | 31 | <10 | 13 | 37 |
| 27 | 00469 | 5 | 0.6 | 1.35 | 65 | 60 | <5 | 1.94 | <1 | 10 | 109 | 7 | 3.38 | 20 | 0.77 | 639 | 7 | 0.02 | 2 | 400 | 22 | <5 | <20 | 62 | <0.01 | <10 | 29 | <10 | 12 | 33 |
| 28 | 00470 | 5 | <0.2 | 1.31 | 25 | 80 | 5 | 1.90 | <1 | 10 | 94 | 7 | 3.87 | 10 | 0.87 | 592 | 8 | 0.02 | 2 | 390 | 16 | <5 | <20 | 68 | <0.01 | <10 | 42 | <10 | 10 | 35 |
| 29 | 00471 | 5 | 0.2 | 1.46 | 35 | 85 | 5 | 1.12 | <1 | 9 | 116 | 9 | 3.61 | 20 | 0.91 | 573 | 7 | <0.01 | 3 | 400 | 18 | <5 | <20 | 43 | <0.01 | <10 | 41 | <10 | 9 | 32 |
| 30 | 00472 | 5 | <0.2 | 1.30 | 10 | 90 | 5 | 2.40 | <1 | 11 | 118 | 8 | 3.75 | 20 | 0.81 | 531 | 9 | 0.02 | 4 | 370 | 16 | <5 | <20 | 82 | <0.01 | <10 | 47 | <10 | 11 | 36 |
| 31 | 00473 | 5 | 0.4 | 1.36 | 10 | 70 | 5 | 0.41 | <1 | 13 | 104 | 6 | 3.07 | 20 | 0.83 | 613 | 6 | 0.02 | 9 | 380 | 24 | <5 | <20 | 12 | <0.01 | <10 | 28 | <10 | 10 | 41 |
| 32 | 00474 | 5 | 0.4 | 1.79 | 10 | 55 | 5 | 2.04 | <1 | 10 | 89 | 6 | 3.59 | 20 | 0.95 | 595 | 7 | 0.02 | 3 | 390 | 18 | <5 | <20 | 57 | <0.01 | <10 | 40 | <10 | 11 | 39 |
| 33 | 00475 | 5 | <0.2 | 1.38 | <5 | 90 | 5 | 2.13 | <1 | 17 | 123 | 8 | 3.79 | 20 | 0.94 | 634 | 8 | 0.04 | 17 | 370 | 16 | <5 | <20 | 64 | <0.01 | <10 | 49 | <10 | 13 | 52 |
| **QC DATA:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Resplit:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R/S 1 | 00410 | 5 | 0.4 | 1.21 | 10 | 185 | <5 | 0.66 | <1 | 8 | 57 | 8 | 3.40 | 10 | 0.35 | 779 | 5 | <0.01 | 6 | 370 | 24 | <5 | <20 | 17 | <0.01 | <10 | 10 | <10 | 11 | 40 |
| *Repeat:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 00410 | 5 | 0.4 | 1.13 | 15 | 165 | 10 | 0.64 | <1 | 7 | 60 | 7 | 3.18 | 10 | 0.33 | 711 | 6 | <0.01 | 5 | 370 | 20 | <5 | <20 | 14 | <0.01 | <10 | 9 | <10 | 11 | 38 |
| 10 | 00419 | 175 | 0.8 | 0.32 | 2505 | 85 | <5 | 0.07 | <1 | 5 | 137 | 56 | 1.76 | <10 | 0.04 | 29 | 8 | <0.01 | 15 | 120 | 16 | 30 | <20 | 81 | <0.01 | <10 | 19 | <10 | <1 | 39 |
| 19 | 00460 | 5 | 0.4 | 0.78 | 20 | 85 | <5 | 1.42 | <1 | 11 | 126 | 6 | 2.00 | 10 | 0.18 | 762 | 7 | 0.02 | 15 | 100 | 20 | <5 | <20 | 36 | <0.01 | <10 | 6 | <10 | 10 | 74 |
| 28 | 00470 | - | <0.2 | 1.28 | 30 | 80 | 10 | 1.88 | <1 | 10 | 92 | 7 | 3.83 | 10 | 0.86 | 585 | 8 | 0.02 | 3 | 390 | 16 | <5 | <20 | 67 | <0.01 | <10 | 41 | <10 | 10 | 35 |
| ***Standard:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEO'98 | | 130 | 1.4 | 1.91 | 65 | 165 | <5 | 1.84 | <1 | 20 | 60 | 85 | 4.16 | <10 | 1.02 | 711 | <1 | 0.03 | 25 | 680 | 22 | <5 | <20 | 68 | 0.13 | <10 | 83 | <10 | 5 | 86 |

df/608
XLS/98Teck
*fax: 372-1285*

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

14-Oct-98

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

Phone: 250-573-5700
Fax : 250-573-4557

## ICP CERTIFICATE OF ANALYSIS AK 98-607

Post-it™ Fax Note 7671E | Date Oct 14 | # of pages ▸ 9

| To TECK | From |
|---|---|
| Co./Dept | Co. |
| Phone # | Phone # |
| Fax # | Fax # |

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

**ATTENTION: JEAN PAUTLER**

*No. of samples received: 19*
*Sample Type: Rock*
*PROJECT #: 1762*
*SHIPMENT #: None Given*
*Samples submitted by: J. Pautler*

***Values in ppm unless otherwise reported***

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW ZONE 1 | 00322 | 5 | <0.2 | 0.22 | 730 | 45 | <5 | 0.14 | <1 | 2 | 120 | 6 | 1.55 | <10 | <0.01 | 16 | 10 | <0.01 | 3 | 60 | 16 | <5 | <20 | 15 | <0.01 | <10 | <1 | <10 | 2 | 7 |
| TR 98-11 2 | 00440 | 125 | <0.2 | 0.11 | 6985 | 80 | <5 | 0.03 | <1 | 3 | 265 | 34 | 1.44 | <10 | <0.01 | 61 | 12 | <0.01 | 12 | 60 | 8 | 35 | <20 | 21 | <0.01 | <10 | 12 | <10 | <1 | 13 |
| 3 | 00441 | 265 | 0.4 | 0.16 | 1675 | 300 | <5 | 0.05 | <1 | <1 | 161 | 22 | 0.72 | <10 | <0.01 | 52 | 7 | <0.01 | 6 | 120 | 10 | 15 | <20 | 50 | <0.01 | <10 | 12 | <10 | 1 | 4 |
| 98-6 4 | 00442 | 5 | <0.2 | 0.11 | 30 | 30 | <5 | 0.63 | <1 | 2 | 267 | 6 | 0.85 | <10 | 0.04 | 215 | 17 | <0.01 | 9 | 70 | 18 | <5 | <20 | 67 | <0.01 | <10 | 3 | <10 | 2 | 4 |
| Kea CK 5 | 00443 | 505 | 8.4 | 0.13 | 100 | 30 | 15 | 0.01 | <1 | 9 | 158 | 10 | 8.54 | <10 | <0.01 | 32 | 13 | <0.01 | 7 | <10 | 12 | 10 | <20 | 8 | <0.01 | 10 | 2 | <10 | <1 | <1 |
| 98-176 | 00444 | 5 | 0.6 | 0.53 | 15 | 100 | <5 | 0.56 | <1 | 8 | 89 | 11 | 4.63 | <10 | 0.11 | 440 | 10 | 0.02 | 9 | 560 | 18 | <5 | <20 | 50 | <0.01 | <10 | 6 | <10 | 5 | 58 |
| 7 | 00445 | 5 | 0.4 | 0.30 | 65 | 190 | <5 | 0.10 | <1 | 8 | 28 | 15 | 3.00 | 20 | 0.01 | 54 | 6 | <0.01 | 27 | 350 | 16 | <5 | <20 | 20 | <0.01 | <10 | 10 | <10 | <1 | 81 |
| 8 | 00446 | 5 | 0.4 | 0.31 | 55 | 260 | <5 | 0.07 | <1 | 2 | 28 | 8 | 1.87 | 20 | 0.01 | 14 | 6 | <0.01 | 9 | 210 | 18 | <5 | <20 | 38 | <0.01 | <10 | 8 | <10 | <1 | 39 |
| 9 | 00447 | 5 | 0.6 | 0.54 | <5 | 65 | <5 | 1.67 | <1 | 5 | 68 | 6 | 2.93 | <10 | 0.31 | 476 | 6 | 0.02 | 6 | 130 | 12 | <5 | <20 | 105 | <0.01 | <10 | 2 | <10 | 4 | 16 |
| 10 | 00448 | 5 | 0.2 | 0.36 | <5 | 70 | <5 | 1.88 | 1 | 10 | 76 | 8 | 2.82 | <10 | 0.43 | 922 | 7 | <0.01 | 8 | 320 | 20 | <5 | <20 | 90 | <0.01 | <10 | 4 | <10 | 8 | 46 |
| 11 | 00449 | 5 | 0.4 | 0.55 | 40 | 90 | 5 | 0.67 | <1 | 9 | 33 | 19 | 3.87 | <10 | 0.14 | 119 | 7 | 0.01 | 33 | 340 | 20 | <5 | <20 | 65 | <0.01 | <10 | 15 | <10 | <1 | 73 |
| 12 | 00450 | 5 | 0.6 | 0.65 | 25 | 55 | <5 | 1.08 | <1 | 12 | 66 | 9 | 4.12 | <10 | 0.21 | 779 | 8 | 0.01 | 15 | 450 | 20 | <5 | <20 | 67 | <0.01 | <10 | 7 | <10 | 6 | 60 |
| NEW ZONE 13 | 00465 | 15 | <0.2 | 0.26 | 1835 | 80 | <5 | 0.02 | <1 | 2 | 156 | 4 | 2.25 | 10 | 0.04 | 35 | 8 | <0.01 | 3 | 240 | 14 | <5 | <20 | 8 | <0.01 | <10 | 11 | <10 | <1 | 1 |
| 14 | 00492 | 5 | <0.2 | 1.46 | 15 | 75 | 5 | 0.63 | <1 | 12 | 88 | 6 | 3.34 | 10 | 0.85 | 574 | 5 | 0.04 | 6 | 470 | 22 | <5 | <20 | 16 | 0.08 | <10 | 32 | <10 | 9 | 55 |
| 15 | 00493 | 5 | <0.2 | 2.15 | 25 | 240 | 10 | 0.13 | <1 | 7 | 120 | 16 | 5.53 | <10 | 1.27 | 492 | 2 | 0.01 | 24 | 560 | 26 | <5 | <20 | 22 | 0.20 | <10 | 82 | <10 | <1 | 29 |
| 16 | 00494 | 5 | <0.2 | 2.33 | <5 | 240 | 5 | 0.80 | <1 | 11 | 86 | 13 | 3.76 | <10 | 1.07 | 650 | 3 | 0.12 | 4 | 500 | 24 | <5 | <20 | 67 | 0.12 | <10 | 45 | <10 | 7 | 39 |
| 17 | 00495 | 5 | 0.4 | 0.45 | <5 | 20 | <5 | 0.02 | <1 | 2 | 165 | 13 | 1.81 | <10 | <0.01 | 48 | 9 | 0.03 | 7 | 40 | 20 | <5 | <20 | 2 | <0.01 | <10 | 2 | <10 | 18 | 31 |
| 18 | 00496 | 5 | <0.2 | 1.56 | <5 | 80 | 10 | 0.47 | <1 | 14 | 62 | 7 | 3.13 | <10 | 0.58 | 510 | <1 | 0.05 | 6 | 640 | 16 | <5 | <20 | 14 | 0.20 | <10 | 36 | <10 | 4 | 41 |
| 19 | 00497 | 5 | 0.2 | 0.48 | 25 | 90 | <5 | 0.06 | <1 | 2 | 92 | 2 | 1.56 | 20 | 0.11 | 57 | 7 | 0.03 | 2 | 190 | 24 | <5 | <20 | 48 | <0.01 | <10 | 7 | <10 | <1 | 11 |

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QC DATA: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Resplit:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R/S 1 | 00322 | 5 | <0.2 | 0.24 | 735 | 40 | <5 | 0.15 | <1 | 2 | 116 | 5 | 1.56 | <10 | <0.01 | 14 | 8 | <0.01 | 2 | 60 | 16 | <5 | <20 | 15 | <0.01 | <10 | <1 | <10 | 1 | 7 |
| *Repeat:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 00322 | 5 | 0.2 | 0.23 | 775 | 40 | <5 | 0.15 | <1 | 2 | 110 | 5 | 1.55 | <10 | <0.01 | 16 | 9 | <0.01 | 2 | 70 | 16 | <5 | <20 | 17 | <0.01 | <10 | <1 | <10 | 2 | 8 |
| 10 | 00448 | 5 | 0.4 | 0.38 | <5 | 70 | <5 | 2.00 | <1 | 11 | 81 | 8 | 3.00 | <10 | 0.46 | 978 | 7 | <0.01 | 8 | 350 | 22 | <5 | <20 | 92 | <0.01 | <10 | 4 | <10 | 10 | 49 |
| 19 | 00497 | - | <0.2 | 0.48 | 20 | 90 | <5 | 0.06 | <1 | 2 | 91 | 2 | 1.58 | 20 | 0.11 | 55 | 7 | 0.03 | 3 | 190 | 26 | <5 | <20 | 49 | <0.01 | <10 | 7 | <10 | 1 | 11 |
| *Standard:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEO'98 | | 130 | 1.4 | 1.72 | 65 | 160 | <5 | 1.84 | <1 | 19 | 61 | 81 | 3.98 | <10 | 0.95 | 679 | <1 | 0.03 | 22 | 650 | 20 | <5 | <20 | 61 | 0.13 | <10 | 78 | <10 | 5 | 70 |

dl/607
XLS/98Teck
fax: 372-1285

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

14-Oct-98

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

Phone: 250-573-5700
Fax : 250-573-4557

# ICP CERTIFICATE OF ANALYSIS AK 98-614

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

ATTENTION: JEAN PAUTLER

*No. of samples received: 12*
*Sample Type: Rock*
*PROJECT #: 1752 KIWI*
*SHIPMENT #: None Given*
*Samples submitted by: T. Archibald*

Kiwi - New zone

*Values in ppm unless otherwise reported*

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 00476 | 5 | 0.2 | 0.89 | 10 | 280 | <5 | 0.34 | <1 | 6 | 74 | 6 | 3.05 | 20 | 0.43 | 400 | 3 | 0.03 | 8 | 430 | 22 | <5 | <20 | 23 | <0.01 | <10 | 16 | <10 | 10 | 38 |
| 2 | 00477 | 5 | 0.4 | 1.26 | 35 | 150 | 5 | 0.48 | <1 | 12 | 117 | 8 | 3.57 | 20 | 0.84 | 688 | 10 | 0.01 | 8 | 500 | 20 | <5 | <20 | 28 | <0.01 | <10 | 31 | <10 | 11 | 51 |
| 3 | 00478 | 5 | <0.2 | 1.26 | 85 | 90 | <5 | 1.55 | <1 | 9 | 69 | 4 | 3.06 | 10 | 0.53 | 564 | 3 | 0.04 | 7 | 400 | 16 | <5 | <20 | 60 | <0.01 | <10 | 14 | <10 | 9 | 45 |
| 4 | 00479 | 5 | <0.2 | 2.14 | 5 | 130 | 10 | 2.27 | <1 | 24 | 95 | 20 | 4.22 | 20 | 1.30 | 815 | 6 | 0.02 | 25 | 470 | 22 | <5 | <20 | 68 | <0.01 | <10 | 43 | <10 | 10 | 69 |
| 5 | 00480 | 5 | 0.2 | 2.39 | 30 | 165 | 10 | 0.27 | <1 | 17 | 94 | 18 | 6.42 | <10 | 1.39 | 572 | 7 | 0.02 | 10 | 470 | 22 | <5 | <20 | 20 | <0.01 | <10 | 57 | <10 | 4 | 52 |
| 6 | 00481 | 5 | 0.4 | 5.59 | 130 | 80 | 25 | 0.22 | <1 | 22 | 60 | 25 | >10 | <10 | 2.54 | 1565 | 12 | 0.01 | 7 | 440 | 30 | <5 | <20 | 8 | <0.01 | <10 | 100 | <10 | <1 | 61 |
| 7 | 00482 | 5 | <0.2 | 2.13 | 140 | 75 | 5 | 0.36 | <1 | 13 | 76 | 21 | 5.87 | 10 | 0.99 | 583 | 7 | 0.02 | 6 | 460 | 18 | <5 | <20 | 17 | <0.01 | <10 | 58 | <10 | 2 | 37 |
| 8 | 00483 | 5 | <0.2 | 1.38 | 15 | 60 | 5 | 2.21 | <1 | 10 | 78 | 8 | 3.65 | 10 | 0.91 | 626 | 4 | 0.03 | 3 | 480 | 22 | <5 | <20 | 77 | <0.01 | <10 | 40 | <10 | 8 | 39 |
| 9 | 00484 | 5 | 0.4 | 1.27 | 25 | 85 | <5 | 0.30 | <1 | 9 | 108 | 12 | 3.59 | 20 | 0.68 | 475 | 9 | 0.03 | 7 | 490 | 28 | <5 | <20 | 12 | <0.01 | <10 | 19 | <10 | 8 | 33 |
| 10 | 00485 | 5 | 0.4 | 1.63 | 10 | 70 | <5 | 0.10 | <1 | 6 | 177 | 18 | 5.31 | <10 | 0.79 | 300 | 16 | <0.01 | 26 | 270 | 14 | <5 | <20 | 15 | <0.01 | <10 | 62 | <10 | <1 | 51 |
| 11 | 00486 | 5 | 0.2 | 1.54 | 10 | 85 | 5 | 2.67 | <1 | 8 | 51 | 4 | 3.24 | 30 | 0.62 | 715 | 3 | 0.02 | 5 | 370 | 24 | <5 | <20 | 81 | <0.01 | <10 | 12 | <10 | 9 | 43 |
| 12 | 00487 | 20 | 0.4 | 1.03 | 310 | 80 | <5 | 0.43 | <1 | 8 | 71 | 6 | 3.76 | 20 | 0.48 | 502 | 7 | 0.03 | 6 | 460 | 26 | <5 | <20 | 31 | <0.01 | <10 | 9 | <10 | 21 | 50 |
| **QC DATA:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***Resplit:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 00476 | 5 | <0.2 | 0.99 | 15 | 290 | <5 | 0.36 | <1 | 7 | 82 | 6 | 3.22 | 30 | 0.45 | 413 | 4 | 0.04 | 8 | 460 | 24 | <5 | <20 | 23 | <0.01 | <10 | 17 | <10 | 10 | 40 |
| ***Repeat:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 00476 | 5 | <0.2 | 0.89 | 10 | 255 | <5 | 0.34 | <1 | 6 | 72 | 6 | 3.04 | 20 | 0.43 | 398 | 4 | 0.03 | 8 | 430 | 22 | <5 | <20 | 21 | <0.01 | <10 | 16 | <10 | 10 | 38 |
| 10 | 00485 | - | <0.2 | 1.54 | 15 | 60 | 5 | 0.09 | <1 | 6 | 164 | 17 | 5.04 | <10 | 0.74 | 287 | 15 | <0.01 | 26 | 270 | 16 | <5 | <20 | 10 | <0.01 | <10 | 59 | <10 | <1 | 49 |
| ***Standard:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEO'98 | | 135 | 1.4 | 1.89 | 65 | 175 | <5 | 1.81 | <1 | 20 | 65 | 87 | 4.24 | <10 | 1.02 | 720 | <1 | 0.03 | 22 | 670 | 20 | <5 | <20 | 68 | 0.14 | <10 | 85 | <10 | 5 | 61 |

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XLS/98Teck
*fax: 372-1285*

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

14-Oct-98

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

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 98-613

TECK EXPLORATION LTD.
#350-2 72 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: JEAN PAUTLER

*No. of samples received: 18*
*Sample Type: Rock*
*PROJECT #: 1762*
*SHIPMENT #: None Given*
*Samples submitted by: J. Pautler*

*Values in ppm unless otherwise reported*

Kiwi

| | Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TR 98-61 | 1 | 00426 | 5 | <0.2 | 0.08 | <5 | 90 | <5 | 0.03 | <1 | 1 | 220 | 9 | 0.50 | <10 | 0.02 | 80 | 3 | <0.01 | 7 | 50 | 2 | <5 | <20 | 8 | <0.01 | <10 | 7 | <10 | <1 | <1 |
| | 2 | 00427 | 5 | 0.2 | 0.10 | <5 | 70 | <5 | 0.55 | <1 | 4 | 174 | 5 | 1.21 | <10 | 0.20 | 683 | 3 | <0.01 | 8 | 110 | 4 | <5 | <20 | 25 | <0.01 | <10 | 5 | <10 | <1 | 6 |
| | 3 | 00428 | 5 | 1.4 | 0.16 | <5 | 235 | <5 | 0.15 | <1 | <1 | 213 | 53 | 0.74 | <10 | 0.02 | 78 | 7 | <0.01 | 16 | 430 | 4 | <5 | <20 | 61 | <0.01 | <10 | 73 | <10 | 4 | 25 |
| | 4 | 00429 | 5 | 0.2 | 0.11 | <5 | 50 | <5 | 0.43 | <1 | 2 | 270 | 6 | 0.63 | <10 | 0.04 | 284 | 19 | <0.01 | 9 | 100 | 28 | <5 | <20 | 10 | <0.01 | <10 | 5 | <10 | <1 | 3 |
| | 5 | 00430 | 5 | <0.2 | 0.13 | <5 | 85 | <5 | 0.29 | <1 | 2 | 238 | 6 | 0.96 | <10 | 0.08 | 487 | 4 | <0.01 | 8 | 120 | 4 | <5 | <20 | 14 | <0.01 | <10 | 5 | <10 | <1 | 8 |
| | 6 | 00431 | 5 | 0.4 | 1.23 | 10 | 30 | 15 | 1.54 | <1 | 13 | 74 | 7 | 7.59 | <10 | 0.48 | 588 | 11 | 0.02 | 4 | 780 | 20 | <5 | <20 | 101 | <0.01 | <10 | 22 | <10 | 4 | 38 |
| 98-16 | 7 | 00432 | 5 | <0.2 | 0.29 | <5 | 90 | <5 | 0.11 | <1 | 4 | 176 | 24 | 1.27 | <10 | 0.01 | 569 | 3 | <0.01 | 17 | 300 | 6 | <5 | <20 | 15 | <0.01 | <10 | 9 | <10 | <1 | 44 |
| | 8 | 00433 | 5 | <0.2 | 0.38 | <5 | 235 | <5 | 0.78 | <1 | 8 | 73 | 8 | 3.31 | 10 | 0.04 | 579 | 8 | <0.01 | 7 | 510 | 22 | <5 | <20 | 27 | <0.01 | <10 | 15 | <10 | 9 | 45 |
| | 9 | 00434 | 5 | <0.2 | 0.09 | <5 | 105 | <5 | 0.12 | <1 | 2 | 233 | 5 | 1.65 | <10 | 0.02 | 747 | 4 | 0.01 | 9 | 60 | 4 | <5 | <20 | 6 | <0.01 | <10 | 3 | <10 | 1 | 6 |
| 98-10 | 10 | 00435 | 5 | <0.2 | 0.24 | 1120 | 55 | <5 | 0.03 | <1 | 3 | 144 | 22 | 1.37 | <10 | 0.02 | 32 | 11 | <0.01 | 8 | 290 | 10 | 10 | <20 | 54 | <0.01 | <10 | 10 | <10 | <1 | 40 |
| 98-15 | 11 | 00436 | 5 | <0.2 | 1.21 | 95 | 220 | <5 | 0.17 | <1 | 12 | 44 | 38 | 2.98 | 10 | 0.39 | 146 | 6 | 0.01 | 44 | 490 | 18 | 10 | <20 | 33 | <0.01 | <10 | 48 | <10 | 3 | 98 |
| 98-12 | 12 | 00437 | 455 | 0.3 | 0.22 | >10000 | 35 | <5 | 0.16 | <1 | 6 | 126 | 11 | 3.08 | <10 | 0.02 | 88 | 11 | <0.01 | 5 | 240 | 14 | 80 | <20 | 51 | <0.01 | <10 | 4 | <10 | 2 | 30 |
| | 13 | 00438 | 85 | 0.4 | 0.34 | 2205 | 135 | <5 | 0.10 | <1 | 4 | 138 | 7 | 2.10 | <10 | 0.02 | 103 | 4 | <0.01 | 5 | 270 | 16 | 10 | <20 | 28 | <0.01 | <10 | 8 | <10 | 3 | 25 |
| 98-13 | 14 | 00439 | 155 | 6.3 | 0.29 | 260 | 45 | 25 | 0.04 | <1 | 10 | 112 | 19 | >10 | <10 | <0.01 | 80 | 20 | <0.01 | 22 | 40 | 22 | <5 | <20 | 7 | <0.01 | 10 | 10 | <10 | <1 | 19 |
| | 15 | 00488 | 5 | 0.3 | 0.18 | 15 | 25 | 10 | 7.79 | <1 | 20 | 66 | 26 | 6.64 | <10 | 3.40 | 2378 | 5 | <0.01 | 56 | <10 | 2 | 10 | <20 | 915 | <0.01 | <10 | 11 | <10 | 1 | 45 |
| Cracker Sh | 16 | 00489 | 45 | <0.2 | 0.25 | 105 | 55 | <5 | 0.08 | <1 | 1 | 121 | 29 | 0.75 | <10 | 0.04 | 56 | 2 | <0.01 | 8 | 110 | 12 | 5 | <20 | 24 | <0.01 | <10 | 11 | <10 | 1 | 7 |
| | 17 | 00490 | 5 | 1.0 | 0.37 | 15 | 535 | <5 | 0.19 | 2 | <1 | 177 | 18 | 0.56 | <10 | 0.03 | 30 | 13 | <0.01 | 8 | 1130 | 10 | <5 | <20 | 106 | <0.01 | <10 | 48 | <10 | 11 | 15 |
| | 18 | 00491 | 5 | 1.2 | 0.69 | 85 | 135 | <5 | 0.39 | 3 | 17 | 212 | 41 | 3.85 | <10 | 0.31 | 442 | 25 | <0.01 | 60 | 1470 | 12 | <5 | <20 | 43 | <0.01 | <10 | 103 | <10 | 8 | 205 |

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QC DATA: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Resplit:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 00426 | 5 | <0.2 | 0.06 | <5 | 85 | <5 | 0.02 | <1 | <1 | 248 | 8 | 0.55 | <10 | <0.01 | 78 | 6 | <0.01 | 8 | 40 | 2 | <5 | <20 | 8 | <0.01 | <10 | 6 | <10 | <1 | <1 |
| *Repeat:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 00426 | 5 | <0.2 | 0.07 | <5 | 90 | <5 | 0.02 | <1 | <1 | 215 | 8 | 0.48 | <10 | 0.01 | 74 | 3 | <0.01 | 5 | 50 | 4 | <5 | <20 | 8 | <0.01 | <10 | 6 | <10 | <1 | <1 |
| 10 | 00435 | - | <0.2 | 0.23 | 1080 | 45 | <5 | 0.03 | <1 | 3 | 146 | 23 | 1.37 | <10 | 0.02 | 36 | 11 | <0.01 | 8 | 290 | 10 | 10 | <20 | 53 | <0.01 | <10 | 10 | <10 | <1 | 40 |
| *Standard:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEO'98 | | 130 | 1.2 | 1.74 | 70 | 160 | <5 | 1.75 | <1 | 19 | 62 | 81 | 3.98 | <10 | 0.95 | 677 | <1 | 0.03 | 22 | 660 | 22 | <5 | <20 | 60 | 0.12 | <10 | 79 | <10 | 5 | 69 |

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*fax: 372-1285*

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

14-Sep-98

**ECO-TECH LABORATORIES LTD.**
10041 East Trans Canada Highway
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V2C 6T4

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ICP CERTIFICATE OF ANALYSIS AK 98-525

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

**ATTENTION: JEAN PAUTLER**

*No. of samples received: 50*
*Sample Type: Soil*
*PROJECT #: None Given*
*SHIPMENT #: None Given*
*Samples submitted by: J Pautler*

***Values in ppm unless otherwise reported***

| Et #. | Tag # | Mesh Size | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | L43+50N-52+50E | -48 | <5 | 0 6 | 0.41 | 5 | 200 | <5 | 0.29 | 2 | 3 | 3 | 19 | 1.42 | <10 | 0.07 | 94 | 3 | 0.02 | 9 | 200 | 8 | <5 | <20 | 28 | 0.01 | <10 | 31 | <10 | <1 | 46 |
| 2 | L43+50N-52+75E | | <5 | 0 8 | 1 15 | 10 | 420 | <5 | 0 82 | 1 | 10 | 15 | 36 | 2.59 | <10 | 0.36 | 531 | 4 | 0.02 | 28 | 1010 | 18 | <5 | <20 | 64 | <0.01 | <10 | 37 | <10 | 8 | 99 |
| 3 | L43+50N-53+00E | | <5 | 0.4 | 0.29 | <5 | 115 | <5 | 0.16 | <1 | 2 | 2 | 6 | 0.79 | <10 | 0.07 | 78 | 1 | 0.02 | 4 | 180 | 6 | <5 | <20 | 17 | <0.01 | 20 | 20 | <10 | <1 | 22 |
| 4 | L43+50N-53+25E | | <5 | 0.2 | 0 21 | <5 | 25 | <5 | 0 09 | <1 | 1 | <1 | 2 | 0.38 | <10 | 0 02 | 22 | <1 | 0 03 | <1 | 290 | 2 | <5 | <20 | 9 | 0.02 | 20 | 11 | <10 | <1 | 5 |
| 5 | L43+50N-53+50E | | <5 | 0.4 | 0 14 | <5 | 10 | <5 | 0.03 | <1 | 1 | <1 | <1 | 0.41 | <10 | 0.02 | 16 | <1 | 0 02 | <1 | 80 | <2 | <5 | <20 | 4 | 0.01 | 20 | 14 | <10 | <1 | 5 |
| 6 | L43+50N-53+75E | | <5 | 0.2 | 0 18 | <5 | 10 | <5 | 0 04 | <1 | 1 | <1 | <1 | 0.38 | <10 | 0 01 | 15 | <1 | 0.03 | <1 | 150 | <2 | <5 | <20 | 4 | 0.01 | <10 | 12 | <10 | <1 | 4 |
| 7 | L43+50N-54+00E | | <5 | 0.8 | 0.33 | <5 | 50 | <5 | 0.04 | <1 | <1 | <1 | 8 | 0 41 | <10 | 0 02 | 36 | <1 | 0.02 | <1 | 190 | 4 | <5 | <20 | 7 | <0.01 | 30 | 10 | <10 | <1 | 8 |
| 8 | L43+50N-54+25E | -48 | <5 | 0.6 | 0 98 | 45 | 145 | <5 | 0.03 | <1 | 8 | 12 | 31 | 5 94 | <10 | 0 13 | 175 | 12 | <0.01 | 14 | 1310 | 26 | <5 | <20 | 20 | 0.01 | 20 | 76 | <10 | <1 | 95 |
| 9 | L43+50N-54+50E | -32 | <5 | <0.2 | 0.77 | 10 | 340 | <5 | 0.34 | <1 | 5 | 10 | 14 | 2.16 | <10 | 0.36 | 130 | 4 | <0.01 | 12 | 700 | 14 | <5 | <20 | 35 | <0.01 | <10 | 39 | <10 | 2 | 60 |
| 10 | L43+50N-54+75E | | <5 | 0 6 | 0.45 | <5 | 240 | <5 | 0 23 | <1 | 5 | 2 | 7 | 1.28 | <10 | 0.08 | 191 | 2 | 0.03 | 7 | 420 | 8 | <5 | <20 | 23 | <0.01 | 20 | 19 | <10 | 1 | 33 |
| 11 | L43+50N-55+00E | | <5 | 0.2 | 0.47 | 20 | 140 | <5 | 0 08 | <1 | 11 | 5 | 18 | 3.15 | 30 | 0.05 | 150 | 6 | <0.01 | 25 | 250 | 14 | <5 | <20 | 15 | <0.01 | <10 | 30 | <10 | <1 | 112 |
| 12 | L43+50N-55+25E | | 85 | 0.4 | 0.70 | 10 | 170 | 5 | 0.17 | <1 | 7 | 10 | 10 | 2.33 | <10 | 0.29 | 216 | 3 | <0.01 | 12 | 350 | 12 | <5 | <20 | 16 | <0.01 | <10 | 34 | <10 | <1 | 69 |
| 13 | L43+50N-55+50E | | <5 | 0.6 | 0.88 | 10 | 305 | <5 | 0.22 | <1 | 6 | 10 | 16 | 2.09 | 10 | 0.28 | 208 | 2 | 0.01 | 12 | 490 | 16 | <5 | <20 | 24 | <0.01 | 10 | 30 | <10 | 2 | 54 |
| 14 | L43+50N-56+00E | | <5 | <0.2 | 0.53 | <5 | 170 | <5 | 0.21 | <1 | 8 | 6 | 12 | 1.62 | <10 | 0.16 | 473 | 3 | 0.01 | 9 | 450 | 12 | <5 | <20 | 20 | 0.01 | <10 | 28 | <10 | <1 | 49 |
| 15 | L43+50N-56+25E | -32 | 10 | 1.6 | 1.23 | 25 | 545 | <5 | 0.95 | <1 | 7 | 11 | 52 | 2.98 | 20 | 0 23 | 168 | 4 | 0.01 | 27 | 780 | 74 | <5 | <20 | 92 | <0.01 | <10 | 45 | <10 | 32 | 67 |
| 16 | L43+50N-56+50E | | NO SAMPLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | L44N-52+50E | | <5 | 0.6 | 0.11 | <5 | 10 | <5 | 0.03 | <1 | 1 | <1 | 1 | 0.26 | <10 | 0.02 | 11 | <1 | 0.02 | <1 | 80 | <2 | <5 | <20 | 5 | 0.01 | 20 | 8 | <10 | <1 | 3 |
| 18 | L44N-52+75E | | <5 | 0.4 | 0.27 | <5 | 50 | <5 | 0.11 | <1 | 1 | <1 | 5 | 0.44 | <10 | 0.02 | 28 | <1 | 0.03 | 1 | 380 | 4 | <5 | <20 | 12 | 0.02 | 10 | 11 | <10 | 1 | 6 |
| 19 | L44N-53+00E | | <5 | 0.6 | 0.20 | <5 | 25 | <5 | 0 04 | <1 | 1 | <1 | 2 | 0.36 | <10 | 0.02 | 16 | <1 | 0.03 | <1 | 100 | 4 | <5 | <20 | 12 | 0.02 | 30 | 11 | <10 | <1 | 4 |
| 20 | L44N-53+25E | | <5 | <0.2 | 0.20 | <5 | 25 | <5 | 0.05 | <1 | <1 | <1 | <1 | 0.32 | <10 | 0.01 | 15 | <1 | 0.03 | <1 | 120 | 2 | <5 | <20 | 7 | 0.01 | <10 | 10 | <10 | <1 | 4 |

TECK EXPLORATION LTD. ICP CERTIFICATE OF ANALYSIS AK 98-525 ECO-TECH LABORATORIES LTD.

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 | L44N-53+50E | <5 | 0.6 | 0.13 | <5 | 15 | <5 | 0.03 | <1 | <1 | <1 | <1 | 0.29 | <10 | 0.01 | 12 | <1 | 0.03 | <1 | 110 | <2 | <5 | <20 | 8 | <0.01 | 30 | 10 | <10 | <1 | 3 |
| 22 | L44N-53+75E | <5 | 1.0 | 0.24 | <5 | 35 | <5 | 0.10 | <1 | 8 | <1 | 6 | 0.49 | <10 | 0.03 | 367 | <1 | 0.03 | <1 | 230 | 4 | <5 | <20 | 9 | 0.02 | <10 | 13 | <10 | 2 | 6 |
| 23 | L44N-54+00E | -32 | 25 | 0.8 | 0.96 | 20 | 430 | <5 | 0.43 | <1 | 10 | 16 | 67 | 3.16 | 20 | 0.47 | 200 | 5 | 0.01 | 35 | 1170 | 16 | <5 | <20 | 65 | <0.01 | <10 | 48 | <10 | 15 | 126 |
| 24 | L44N-54+25E | <5 | 0.8 | 0.89 | 15 | 445 | <5 | 0.42 | <1 | 7 | 12 | 40 | 2.89 | 20 | 0.30 | 220 | 5 | 0.01 | 28 | 810 | 18 | <5 | <20 | 39 | <0.01 | <10 | 36 | <10 | 7 | 97 |
| 25 | L44N-54+50E | <5 | 0.8 | 0.80 | 20 | 230 | <5 | 0.53 | <1 | 3 | 8 | 21 | 1.57 | 10 | 0.25 | 57 | 2 | 0.01 | 16 | 800 | 20 | <5 | <20 | 46 | <0.01 | <10 | 30 | <10 | 7 | 60 |
| 26 | L44N-54+75E | <5 | 0.4 | 0.46 | <5 | 190 | <5 | 0.10 | <1 | 2 | 1 | 6 | 0.67 | <10 | 0.05 | 154 | 1 | 0.01 | 2 | 180 | 8 | <5 | <20 | 14 | <0.01 | <10 | 20 | <10 | <1 | 19 |
| 27 | L44N-55+00E | <5 | 0.6 | 0.44 | <5 | 150 | <5 | 0.08 | <1 | 2 | <1 | 12 | 1.00 | <10 | 0.03 | 32 | 1 | 0.02 | 4 | 270 | 8 | <5 | <20 | 14 | <0.01 | 20 | 16 | <10 | <1 | 23 |
| 28 | L44N-55+25E | <5 | 0.4 | 0.91 | 15 | 285 | 5 | 0.37 | 1 | 6 | 9 | 22 | 4.11 | <10 | 0.30 | 118 | 6 | 0.01 | 18 | 750 | 20 | <5 | <20 | 40 | <0.01 | 10 | 35 | <10 | 5 | 93 |
| 29 | L44N-55+50E | <5 | 0.4 | 0.45 | 15 | 330 | <5 | 0.15 | <1 | 6 | 4 | 29 | 2.74 | 30 | 0.08 | 111 | 14 | <0.01 | 20 | 350 | 14 | <5 | <20 | 40 | <0.01 | <10 | 27 | <10 | 4 | 146 |
| 30 | L44N-55+75E | <5 | 1.4 | 0.79 | 15 | 260 | <5 | 0.38 | <1 | 4 | 7 | 18 | 2.02 | <10 | 0.18 | 312 | 5 | 0.02 | 15 | 630 | 20 | <5 | <20 | 62 | <0.01 | <10 | 31 | <10 | 3 | 57 |
| 31 | L44N-56+00E | <5 | 1.4 | 1.24 | 35 | 440 | <5 | 0.80 | <1 | 11 | 9 | 30 | 6.84 | <10 | 0.20 | 1951 | 8 | 0.02 | 25 | 860 | 18 | <5 | <20 | 61 | <0.01 | <10 | 42 | <10 | 6 | 126 |
| 32 | L44N-56+25E | NO SAMPLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | L44N-56+50E | <5 | 1.4 | 0.70 | <5 | 495 | 40 | 0.80 | 3 | 30 | <1 | 16 | >10 | <10 | <0.01 | 4273 | 20 | 0.03 | 22 | 490 | <2 | <5 | <20 | 59 | 0.02 | <10 | 20 | <10 | <1 | 125 |
| 34 | L44+50N-52+50E | <5 | 0.6 | 0.89 | 15 | 275 | <5 | 0.43 | <1 | 11 | 11 | 29 | 3.10 | 10 | 0.36 | 482 | 5 | 0.01 | 23 | 840 | 16 | <5 | <20 | 45 | <0.01 | <10 | 34 | <10 | 6 | 102 |
| 35 | L44+50N-52+75E | <5 | 0.8 | 1.17 | 20 | 415 | <5 | 0.44 | <1 | 14 | 16 | 47 | 3.78 | 10 | 0.49 | 704 | 6 | 0.01 | 37 | 890 | 22 | <5 | <20 | 42 | <0.01 | <10 | 41 | <10 | 6 | 145 |
| 36 | L44+50N-53+00E | <5 | 0.6 | 0.93 | 15 | 265 | <5 | 0.50 | <1 | 9 | 13 | 34 | 3.08 | 10 | 0.41 | 317 | 5 | 0.01 | 25 | 750 | 16 | <5 | <20 | 41 | <0.01 | <10 | 38 | <10 | 6 | 133 |
| 37 | L44+50N-53+25E | <5 | 0.4 | 0.76 | 20 | 190 | <5 | 0.48 | <1 | 9 | 9 | 26 | 2.76 | 10 | 0.31 | 285 | 5 | 0.01 | 23 | 880 | 18 | <5 | <20 | 39 | <0.01 | <10 | 34 | <10 | 5 | 123 |
| 38 | L44+50N-53+50E | <5 | 0.4 | 0.89 | 10 | 320 | <5 | 1.10 | <1 | 5 | 7 | 26 | 1.88 | <10 | 0.28 | 173 | 3 | 0.02 | 16 | 700 | 12 | <5 | <20 | 63 | <0.01 | <10 | 26 | <10 | 4 | 75 |
| 39 | L44+50N-53+75E | <5 | 0.8 | 0.88 | 20 | 360 | 10 | 0.81 | <1 | 8 | 7 | 19 | 2.69 | <10 | 0.22 | 788 | 4 | 0.01 | 17 | 770 | 18 | <5 | <20 | 63 | <0.01 | <10 | 33 | <10 | 5 | 94 |
| 40 | L44+50N-54+00E | <5 | 1.0 | 0.89 | 15 | 375 | <5 | 0.84 | 1 | 8 | 8 | 23 | 2.89 | <10 | 0.22 | 696 | 4 | 0.02 | 20 | 800 | 16 | <5 | <20 | 61 | <0.01 | <10 | 32 | <10 | 6 | 103 |
| 41 | L44+50N-54+25E | <5 | 0.6 | 0.32 | <5 | 60 | <5 | 0.14 | <1 | 1 | <1 | 3 | 0.31 | <10 | 0.03 | 19 | <1 | 0.04 | <1 | 240 | 4 | <5 | <20 | 16 | 0.02 | 20 | 7 | <10 | <1 | 5 |
| 42 | L44+50N-54+50E | -32 | <5 | 0.4 | 0.89 | 50 | 145 | 10 | 0.07 | <1 | 10 | 14 | 30 | 4.91 | <10 | 0.21 | 341 | 8 | 0.01 | 19 | 1670 | 22 | <5 | <20 | 23 | 0.01 | <10 | 72 | <10 | <1 | 120 |
| 43 | L44+50N-54+75E | <5 | 1.0 | 0.52 | <5 | 45 | <5 | 0.04 | <1 | 2 | <1 | 10 | 0.76 | <10 | 0.03 | 33 | <1 | 0.03 | 2 | 250 | 6 | <5 | <20 | 9 | 0.03 | 20 | 19 | <10 | <1 | 12 |
| 44 | L44+50N-55+00E | <5 | <0.2 | 0.17 | <5 | 30 | <5 | 0.17 | <1 | 1 | <1 | 1 | 0.40 | <10 | 0.02 | 17 | <1 | 0.04 | <1 | 100 | <2 | <5 | <20 | 10 | 0.02 | <10 | 12 | <10 | <1 | 7 |
| 45 | L44+50N-55+25E | NO SAMPLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | L44+50N-55+50E | NO SAMPLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | L44+50N-55+75E | <5 | 0.6 | 0.28 | <5 | 90 | <5 | 0.50 | <1 | 2 | <1 | 5 | 0.74 | <10 | 0.06 | 107 | <1 | 0.03 | 5 | 770 | 4 | <5 | <20 | 27 | 0.03 | 10 | 18 | <10 | 1 | 28 |
| 48 | L44+50N-56+00E | -32 | <5 | 0.6 | 0.97 | 10 | 380 | <5 | 1.24 | 2 | 8 | 9 | 32 | 2.74 | <10 | 0.25 | 859 | 3 | 0.02 | 24 | 810 | 18 | <5 | <20 | 74 | <0.01 | <10 | 31 | <10 | 8 | 110 |
| 49 | L44+50N-56+25E | <5 | 0.6 | 1.19 | 10 | 395 | <5 | 0.85 | 1 | 5 | 16 | 38 | 1.93 | 10 | 0.44 | 116 | 2 | 0.02 | 23 | 830 | 20 | <5 | <20 | 55 | <0.01 | <10 | 43 | <10 | 10 | 99 |
| 50 | L44+50N-56+50E | <5 | 0.4 | 0.17 | <5 | 95 | <5 | 0.33 | <1 | 1 | <1 | 2 | 0.51 | <10 | 0.04 | 118 | <1 | 0.04 | <1 | 190 | 2 | <5 | <20 | 22 | 0.03 | 10 | 16 | <10 | <1 | 7 |

TECK EXPLORATION LTD. ICP CERTIFICATE OF ANALYSIS AK 98-525 ECO-TECH LABORATORIES LTD.

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QC DATA: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Repeat:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | L43+50N-52+50E | <5 | 0.6 | 0 46 | 10 | 220 | <5 | 0 31 | 2 | 4 | 4 | 21 | 1 46 | <10 | 0.08 | 98 | 3 | 0.02 | 10 | 220 | 8 | <5 | <20 | 31 | <0.01 | 10 | 34 | <10 | <1 | 51 |
| 10 | L43+50N-54+75E | <5 | 0.4 | 0 43 | <5 | 230 | <5 | 0 22 | <1 | 5 | 1 | 7 | 1 24 | <10 | 0.07 | 188 | 2 | 0.03 | 7 | 410 | 8 | <5 | <20 | 22 | <0 01 | <10 | 18 | <10 | 1 | 32 |
| 19 | L44N-53+00E | <5 | 0 4 | 0 19 | <5 | 20 | <5 | 0.04 | <1 | <1 | <1 | 2 | 0.34 | <10 | 0.01 | 14 | <1 | 0.03 | <1 | 90 | 2 | <5 | <20 | 10 | 0.01 | <10 | 10 | <10 | <1 | 4 |
| 28 | L44N-55+25E | <5 | 0.6 | 0 89 | 10 | 280 | <5 | 0 37 | <1 | 7 | 9 | 22 | 4 08 | <10 | 0.30 | 124 | 7 | 0.01 | 17 | 770 | 20 | <5 | <20 | 39 | <0.01 | 20 | 35 | <10 | 5 | 93 |
| 36 | L44+50N-53+00E | <5 | 0 8 | 0 95 | 15 | 275 | <5 | 0 49 | <1 | 9 | 13 | 32 | 2.97 | 10 | 0.40 | 300 | 4 | 0.01 | 24 | 740 | 16 | <5 | <20 | 39 | <0.01 | <10 | 40 | <10 | 6 | 125 |
| *Standard:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEO'98 | | 130 | 1.6 | 1 70 | 65 | 165 | <5 | 1 84 | <1 | 19 | 62 | 78 | 4 02 | <10 | 0 94 | 676 | <1 | 0.03 | 22 | 650 | 22 | <5 | <20 | 61 | 0.10 | <10 | 75 | <10 | 5 | 71 |
| GEO'98 | | 135 | 1 6 | 1 71 | 65 | 155 | <5 | 1 82 | <1 | 19 | 64 | 75 | 3.92 | <10 | 0.98 | 661 | <1 | 0.03 | 25 | 640 | 22 | <5 | <20 | 57 | 0.11 | <10 | 76 | <10 | 6 | 69 |

***NOTE: * Mesh size -80 unless indicated otherwise.***

df/525
XLS/98Teck
*fax: 372-1285*

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

15-Oct-98

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

Phone: 250-573-5700
Fax : 250-573-4557

*ICP CERTIFICATE OF ANALYSIS AK 98-615*

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

**ATTENTION: JEAN PAUTLER**

*No. of samples received: 20*
*Sample Type: Soil*
*PROJECT #: 1762 KIWI*
*SHIPMENT #: None Given*
*Samples submitted by: T. Archibald*

Kiwi - New Zone

***Values in ppm unless otherwise reported***

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | L47N-45+00W E | <5 | <0.2 | 0.08 | <5 | 10 | <5 | 0.04 | <1 | 1 | 2 | 3 | 0.33 | <10 | 0.01 | 19 | <1 | 0.02 | 1 | 50 | <2 | <5 | <20 | 5 | 0.02 | <10 | 10 | <10 | <1 | 2 |
| 2 | L47N-45+50W | <5 | 0.2 | 1.77 | 30 | 95 | <5 | 0.82 | <1 | 15 | 9 | 17 | 2.91 | <10 | 0.21 | 649 | 2 | 0.02 | 11 | 510 | 22 | <5 | <20 | 56 | <0.01 | <10 | 29 | <10 | 8 | 46 |
| 3 | L47N-46+00W | 20 | 0.4 | 1.37 | 215 | 160 | 5 | 0.27 | <1 | 20 | 11 | 25 | 5.53 | <10 | 0.30 | 1001 | 6 | <0.01 | 15 | 400 | 48 | <5 | <20 | 26 | <0.01 | <10 | 36 | <10 | 10 | 68 |
| 4 | L47N-46+50W | <5 | <0.2 | 0.61 | 20 | 50 | <5 | 0.04 | <1 | 3 | 6 | 5 | 1.72 | <10 | 0.05 | 91 | 2 | <0.01 | 3 | 120 | 14 | <5 | <20 | 8 | 0.04 | <10 | 53 | <10 | <1 | 16 |
| 5 | L47N-47+00W | <5 | <0.2 | 0.28 | <5 | 20 | <5 | 0.04 | <1 | 1 | 4 | 2 | 0.29 | <10 | 0.01 | 28 | <1 | 0.03 | 3 | 130 | 2 | <5 | <20 | 9 | 0.02 | <10 | 7 | <10 | <1 | <1 |
| 6 | L47N-47+50W | <5 | 0.6 | 1.16 | 65 | 120 | <5 | 0.81 | <1 | 9 | 15 | 18 | 2.79 | 20 | 0.41 | 219 | 3 | 0.01 | 24 | 410 | 12 | <5 | <20 | 55 | <0.01 | <10 | 29 | <10 | 7 | 50 |
| 7 | L47N-48+00W | <5 | 0.6 | 0.89 | 10 | 205 | <5 | 0.39 | <1 | 5 | 12 | 19 | 1.17 | 10 | 0.18 | 152 | 1 | 0.01 | 13 | 720 | 12 | <5 | <20 | 31 | <0.01 | <10 | 26 | <10 | 8 | 37 |
| 8 | L47N-48+50W | 5 | 0.4 | 0.89 | 10 | 245 | <5 | 0.46 | <1 | 8 | 17 | 25 | 2.42 | 10 | 0.39 | 1320 | 3 | <0.01 | 24 | 950 | 10 | <5 | <20 | 46 | 0.01 | <10 | 40 | <10 | 5 | 82 |
| 9 | L47N-49+00W | <5 | 0.2 | 0.59 | 10 | 290 | <5 | 0.31 | <1 | 6 | 10 | 27 | 1.82 | <10 | 0.18 | 194 | 2 | 0.02 | 19 | 630 | 10 | <5 | <20 | 34 | <0.01 | <10 | 32 | <10 | 5 | 57 |
| 10 | L47N-49+50W | <5 | 0.4 | 0.67 | 15 | 330 | 5 | 0.19 | <1 | 5 | 9 | 13 | 2.16 | <10 | 0.11 | 385 | 3 | 0.01 | 12 | 420 | 12 | <5 | <20 | 23 | <0.01 | <10 | 38 | <10 | <1 | 61 |
| 11 | L48N-45+00E | <5 | <0.2 | 0.73 | 15 | 180 | <5 | 0.56 | <1 | 6 | 11 | 16 | 1.84 | <10 | 0.24 | 147 | 2 | 0.01 | 14 | 710 | 12 | <5 | <20 | 46 | <0.01 | <10 | 32 | <10 | 4 | 38 |
| 12 | L48N-45+50E | <5 | <0.2 | 0.76 | 10 | 145 | <5 | 0.85 | <1 | 7 | 11 | 10 | 1.90 | <10 | 0.28 | 188 | 2 | 0.01 | 11 | 420 | 12 | <5 | <20 | 48 | <0.01 | <10 | 28 | <10 | 2 | 29 |
| 13 | L48N-46+00E | <5 | <0.2 | 0.11 | <5 | 15 | <5 | 0.04 | <1 | 1 | 17 | 2 | 0.31 | <10 | 0.02 | 17 | 2 | 0.02 | 11 | 70 | <2 | <5 | <20 | 6 | 0.02 | <10 | 9 | <10 | <1 | 2 |
| 14 | L48N-46+50E | <5 | 0.2 | 0.85 | 15 | 200 | <5 | 0.88 | <1 | 6 | 11 | 19 | 2.01 | <10 | 0.26 | 276 | 2 | 0.02 | 17 | 720 | 10 | <5 | <20 | 60 | <0.01 | <10 | 30 | <10 | 6 | 41 |
| 15 | L48N-47+00E | <5 | 0.2 | 1.07 | 50 | 215 | <5 | 1.25 | <1 | 7 | 14 | 34 | 2.52 | <10 | 0.38 | 279 | 3 | 0.02 | 42 | 630 | 14 | <5 | <20 | 112 | <0.01 | <10 | 31 | <10 | 11 | 110 |
| 16 | L48N-47+50E | <5 | 0.4 | 1.22 | 10 | 200 | <5 | 0.65 | 2 | 4 | 15 | 49 | 1.61 | 10 | 0.47 | 117 | <1 | 0.01 | 36 | 670 | 16 | 5 | <20 | 49 | <0.01 | <10 | 28 | <10 | 14 | 81 |
| 17 | L48N-48+00E | <5 | 0.4 | 0.84 | 5 | 335 | <5 | 1.20 | <1 | 5 | 15 | 18 | 1.94 | <10 | 0.44 | 164 | 2 | <0.01 | 16 | 710 | 14 | <5 | <20 | 87 | <0.01 | <10 | 39 | <10 | 5 | 48 |
| 18 | L48N-48+50E | <5 | 0.2 | 1.04 | 25 | 520 | <5 | 0.35 | <1 | 8 | 15 | 34 | 2.74 | 10 | 0.30 | 341 | 4 | <0.01 | 27 | 330 | 16 | <5 | <20 | 24 | <0.01 | <10 | 35 | <10 | 21 | 51 |
| 19 | L48N-49+00E | <5 | <0.2 | 1.07 | 30 | 430 | <5 | 0.18 | <1 | 8 | 18 | 18 | 2.68 | <10 | 0.27 | 273 | 4 | <0.01 | 20 | 320 | 18 | <5 | <20 | 20 | <0.01 | <10 | 44 | <10 | 2 | 52 |
| 20 | L48N-49+50E | <5 | <0.2 | 0.89 | 20 | 345 | <5 | 0.09 | <1 | 5 | 12 | 21 | 2.56 | <10 | 0.25 | 193 | 4 | <0.01 | 17 | 580 | 14 | <5 | <20 | 15 | <0.01 | <10 | 37 | <10 | <1 | 58 |

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QC DATA: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Repeat:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | L47N-45+00W | <5 | <0.2 | 0.08 | <5 | 15 | <5 | 0.03 | <1 | 1 | 2 | 3 | 0.32 | <10 | 0.01 | 20 | <1 | 0.02 | 1 | 50 | <2 | <5 | <20 | 5 | 0.02 | <10 | 9 | <10 | <1 | 2 |
| 10 | L47N-49+50W | <5 | 0.4 | 0.67 | 20 | 330 | <5 | 0.19 | <1 | 5 | 9 | 13 | 2.16 | <10 | 0.11 | 364 | 3 | 0.01 | 11 | 420 | 12 | <5 | <20 | 25 | <0.01 | <10 | 37 | <10 | <1 | 61 |
| 19 | L48N-49+00E | - | <0.2 | 1.07 | 30 | 430 | <5 | 0.17 | <1 | 8 | 18 | 18 | 2.68 | <10 | 0.27 | 271 | 4 | <0.01 | 20 | 300 | 16 | <5 | <20 | 22 | <0.01 | <10 | 45 | <10 | 3 | 52 |
| *Standard:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEO'98 | | 135 | 1.2 | 1.75 | 65 | 160 | 10 | 1.79 | <1 | 18 | 64 | 79 | 3.85 | <10 | 0.98 | 655 | <1 | 0.02 | 22 | 630 | 26 | <5 | <20 | 55 | 0.10 | <10 | 74 | <10 | 8 | 68 |

df/615
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*fax: 372-1285*

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

TECK EXPLORATION LTD.

ICP CERTIFICATE OF ANALYSIS AK 98-574

ECO-TECH LABORATORIES LTD.

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26 | L56N-49+00E | <5 | 0.8 | 0 94 | 30 | 425 | 10 | 0 19 | 3 | 12 | 15 | 30 | 3.87 | <10 | 0.22 | 340 | 8 | <0.01 | 23 | 730 | 18 | <5 | <20 | 33 | <0.01 | <10 | 65 | <10 | <1 | 128 |
| 27 | L56N-49+25E | <5 | 0 4 | 0 87 | 30 | 270 | 10 | 0 09 | 2 | 21 | 15 | 28 | 4.00 | <10 | 0.23 | 1400 | 8 | <0.01 | 22 | 1000 | 34 | <5 | <20 | 25 | 0.01 | <10 | 73 | <10 | <1 | 160 |
| 28 | L56N-49+50E | <5 | 0 6 | 0 93 | 10 | 760 | <5 | 0 37 | <1 | 6 | 11 | 13 | 2.60 | <10 | 0.15 | 327 | 5 | <0.01 | 13 | 260 | 12 | <5 | <20 | 29 | <0 01 | <10 | 60 | <10 | <1 | 61 |
| 29 | L56N-49+75E | <5 | 0 8 | 0 60 | 20 | 370 | <5 | 0 36 | <1 | 9 | 13 | 38 | 2.74 | <10 | 0.27 | 485 | 4 | <0.01 | 26 | 990 | 10 | <5 | <20 | 44 | <0.01 | <10 | 44 | <10 | 7 | 128 |
| 30 | L56N-50+00E | <5 | 0 8 | 0 62 | 20 | 340 | <5 | 1 00 | <1 | 8 | 28 | 44 | 2.54 | <10 | 0 31 | 958 | 6 | <0.01 | 38 | 870 | 14 | <5 | <20 | 67 | <0 01 | <10 | 38 | <10 | 10 | 97 |
| 31 | L56N-50+25E | <5 | 0 4 | 0 39 | 10 | 130 | <5 | 0 10 | <1 | 4 | 9 | 11 | 2.14 | <10 | 0 05 | 120 | 5 | <0.01 | 11 | 280 | 10 | <5 | <20 | 12 | <0.01 | <10 | 59 | <10 | <1 | 55 |
| 32 | L56N-50+50E | <5 | 0.4 | 0 45 | 10 | 110 | <5 | 0 03 | <1 | 4 | 9 | 14 | 1 90 | <10 | 0 07 | 118 | 4 | <0.01 | 11 | 560 | 10 | <5 | <20 | 13 | 0.02 | <10 | 52 | <10 | <1 | 68 |
| 33 | L56N-50+75E | <5 | 0 6 | 0 77 | 25 | 320 | 5 | 0 20 | 2 | 11 | 14 | 26 | 3 29 | <10 | 0 20 | 593 | 6 | <0.01 | 21 | 660 | 20 | <5 | <20 | 28 | 0 01 | <10 | 53 | <10 | <1 | 251 |
| 34 | L56N-51+00E | <5 | 0 2 | <0 01 | <5 | <5 | <5 | <0 01 | <1 | <1 | <1 | <1 | 0 03 | <10 | <0 01 | 5 | <1 | <0.01 | <1 | <10 | <2 | <5 | <20 | <1 | <0 01 | <10 | <1 | <10 | <1 | <1 |
| 35 | L5650N-47+00E | <5 | 0 2 | 0 25 | <5 | 20 | <5 | 0 04 | <1 | <1 | <1 | 2 | 0 34 | <10 | 0 02 | 14 | <1 | 0.02 | 1 | 90 | <2 | <5 | <20 | 6 | 0.02 | <10 | 8 | <10 | <1 | 3 |
| 36 | L5650N-47+25E | <5 | 0.4 | 1 18 | 30 | 210 | 5 | 0 09 | <1 | 11 | 18 | 22 | 4 20 | <10 | 0 25 | 301 | 6 | <0.01 | 22 | 1240 | 20 | <5 | <20 | 24 | <0 01 | <10 | 67 | <10 | <1 | 119 |
| 37 | L5650N-47+50E | 5 | 1 2 | 0 96 | 20 | 360 | <5 | 0 82 | <1 | 7 | 14 | 36 | 2 35 | <10 | 0 24 | 351 | 4 | 0.02 | 28 | 510 | 12 | <5 | <20 | 54 | <0 01 | <10 | 44 | <10 | 8 | 93 |
| 38 | L5650N-47+75E | <5 | 0 4 | 0 81 | 10 | 245 | <5 | 0 95 | <1 | 6 | 7 | 20 | 1 53 | <10 | 0 20 | 259 | 2 | 0.02 | 9 | 850 | 8 | <5 | <20 | 58 | 0 01 | <10 | 28 | <10 | 4 | 45 |
| 39 | L5650N-48+00E | 5 | 0 4 | 0 79 | 120 | 270 | <5 | 0 44 | <1 | 10 | 9 | 23 | 3 00 | <10 | 0 30 | 319 | 4 | <0.01 | 25 | 620 | 18 | <5 | <20 | 46 | <0 01 | <10 | 34 | <10 | 6 | 121 |
| 40 | L5650N-48+25E | 5 | 0 6 | 0 83 | 25 | 260 | <5 | 0 39 | <1 | 10 | 10 | 20 | 2.78 | <10 | 0 37 | 384 | 3 | 0.01 | 22 | 850 | 16 | <5 | <20 | 38 | 0.01 | <10 | 36 | <10 | 5 | 116 |
| 41 | L5650N-48+50E | <5 | 0 6 | 0 60 | 15 | 380 | <5 | 0 67 | <1 | 5 | 9 | 19 | 2 21 | <10 | 0 23 | 117 | 3 | 0 01 | 17 | 960 | 10 | <5 | <20 | 59 | <0 01 | <10 | 45 | <10 | 5 | 94 |
| 42 | L5650N-48+75E | <5 | 0 8 | 0 59 | 20 | 360 | <5 | 0 51 | <1 | 7 | 8 | 46 | 2.42 | <10 | 0 18 | 227 | 5 | 0.01 | 25 | 680 | 12 | <5 | <20 | 47 | <0 01 | 10 | 48 | <10 | 6 | 103 |
| 43 | L5650N-49+00E | 5 | 0 6 | 0 63 | 25 | 175 | <5 | 0 08 | <1 | 7 | 9 | 23 | 3.20 | <10 | 0 16 | 191 | 6 | <0 01 | 16 | 650 | 14 | <5 | <20 | 15 | <0 01 | 20 | 53 | <10 | <1 | 102 |
| 44 | L5650N-49+25E | <5 | 0 4 | 0 28 | <5 | 35 | <5 | 0 07 | <1 | 2 | <1 | 5 | 0 56 | <10 | 0 02 | 23 | <1 | 0.03 | <1 | 300 | <2 | <5 | <20 | 8 | 0 03 | <10 | 16 | <10 | <1 | <1 |
| 45 | L5650N-49+50E | <5 | 0 4 | 0 58 | 20 | 135 | <5 | 0 02 | <1 | 4 | 6 | 11 | 2.31 | <10 | 0 04 | 112 | 3 | <0.01 | 8 | 500 | 14 | <5 | <20 | 2 | 0.01 | <10 | 59 | <10 | <1 | 55 |
| 46 | L5650N-49+75E | <5 | 0 4 | 0 49 | 5 | 80 | <5 | 0 03 | <1 | 3 | 3 | 7 | 1.39 | <10 | 0 07 | 90 | 1 | 0.02 | 3 | 660 | 8 | <5 | <20 | 3 | 0.02 | 20 | 33 | <10 | <1 | 41 |
| 47 | L5650N-50+00E | <5 | 1.0 | 0 69 | 15 | 180 | <5 | 0 03 | <1 | 6 | 7 | 14 | 2.12 | <10 | 0 08 | 584 | 3 | <0.01 | 9 | 350 | 12 | <5 | <20 | 6 | 0.01 | <10 | 49 | <10 | <1 | 93 |
| 48 | L5650N-50+25E | <5 | 0 2 | 0 16 | <5 | 15 | <5 | 0 03 | <1 | 1 | <1 | 1 | 0.34 | <10 | 0 01 | 20 | <1 | 0.02 | <1 | 80 | <2 | <5 | <20 | 4 | 0 02 | <10 | 11 | <10 | <1 | <1 |
| 49 | L5650N-50+50E | <5 | 0.4 | 0 36 | 10 | 290 | <5 | 0 34 | <1 | 3 | 3 | 11 | 1 11 | <10 | 0 03 | 362 | 2 | 0.01 | 4 | 420 | 10 | <5 | <20 | 20 | 0 01 | <10 | 32 | <10 | <1 | 35 |
| 50 | L5650N-50+75E | <5 | 0 2 | 0 22 | <5 | 20 | <5 | 0 05 | <1 | 2 | <1 | 4 | 0.67 | <10 | 0 03 | 32 | <1 | 0.03 | <1 | 140 | <2 | <5 | <20 | 6 | 0.04 | 20 | 20 | <10 | <1 | <1 |
| 51 | L5650N-51+00E | <5 | 0 4 | 0 16 | <5 | 15 | <5 | 0 04 | <1 | 2 | <1 | 4 | 0.47 | <10 | 0 03 | 19 | <1 | 0.03 | <1 | 70 | <2 | <5 | <20 | 6 | 0.03 | 20 | 14 | <10 | <1 | <1 |
| 52 | L57N-47+00E | 10 | 2 0 | 0 91 | 15 | 495 | <5 | 1 07 | 1 | 5 | 10 | 57 | 2.28 | <10 | 0 24 | 250 | 3 | 0.02 | 42 | 860 | 12 | <5 | <20 | 85 | 0.01 | <10 | 44 | <10 | 15 | 86 |
| 53 | L57N-47+25E | 5 | 0 6 | 0 69 | 25 | 405 | <5 | 0 42 | <1 | 9 | 9 | 31 | 2.63 | <10 | 0 30 | 415 | 4 | 0.01 | 21 | 840 | 16 | <5 | <20 | 35 | <0.01 | <10 | 36 | <10 | 6 | 88 |
| 54 | L57N-47+50E | <5 | 0.2 | 0 16 | <5 | 15 | <5 | 0 05 | <1 | 1 | <1 | 2 | 0.39 | <10 | 0.02 | 16 | <1 | 0.03 | <1 | 70 | <2 | <5 | <20 | 4 | 0 02 | 10 | 12 | <10 | <1 | <1 |
| 55 | L57N-48+00E | 5 | 0 6 | 1 06 | 30 | 375 | <5 | 0 47 | <1 | 9 | 12 | 21 | 3 05 | 10 | 0 44 | 276 | 4 | 0.01 | 18 | 780 | 18 | <5 | <20 | 37 | 0 01 | <10 | 42 | <10 | 6 | 88 |
| 56 | L57N-48+25E | <5 | 0 6 | 0 70 | 15 | 200 | <5 | 0 12 | <1 | 7 | 10 | 17 | 2 18 | <10 | 0 19 | 250 | 4 | <0 01 | 15 | 740 | 12 | <5 | <20 | 20 | <0 01 | 10 | 47 | <10 | 2 | 82 |
| 57 | L57N-48+50E | <5 | 0 6 | 0 97 | 25 | 430 | <5 | 0 15 | <1 | 9 | 11 | 25 | 3 30 | <10 | 0 19 | 235 | 6 | <0 01 | 22 | 500 | 20 | <5 | <20 | 23 | <0 01 | <10 | 67 | <10 | <1 | 112 |
| 58 | L57N-48+75E | <5 | 0 6 | 0 87 | 25 | 485 | <5 | 0 10 | <1 | 8 | 12 | 19 | 3 04 | <10 | 0 17 | 541 | 5 | <0 01 | 17 | 540 | 18 | <5 | <20 | 24 | <0.01 | <10 | 70 | <10 | <1 | 150 |
| 59 | L57N-49+00E | <5 | 0 4 | 0 48 | 15 | 120 | <5 | 0 03 | <1 | 3 | 4 | 10 | 1 62 | <10 | 0 05 | 107 | 2 | 0.01 | 6 | 770 | 12 | <5 | <20 | 6 | 0 01 | <10 | 46 | <10 | <1 | 39 |
| 60 | L57N-49+25E | <5 | 0 4 | 0 16 | <5 | 15 | <5 | 0 03 | <1 | <1 | <1 | <1 | 0 05 | <10 | 0 01 | 6 | <1 | 0 02 | <1 | 170 | <2 | <5 | <20 | 4 | <0 01 | 20 | 2 | <10 | <1 | <1 |

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61 | L57N-49+50E | 5 | 1.0 | 0.30 | <5 | 20 | <5 | 0.03 | <1 | 1 | <1 | 4 | 0.44 | <10 | 0.02 | 14 | <1 | 0.02 | <1 | 100 | 2 | <5 | <20 | 2 | 0.03 | 20 | 13 | <10 | <1 | <1 |
| 62 | L57N-49+75E | <5 | 0.4 | 0.46 | <5 | 25 | <5 | 0.03 | <1 | 1 | <1 | 6 | 0.51 | <10 | 0.02 | 15 | <1 | 0.02 | <1 | 380 | 2 | <5 | <20 | 4 | 0.03 | 10 | 13 | <10 | <1 | <1 |
| 63 | L57N-50+00E | <5 | 0.6 | 0.34 | <5 | 35 | <5 | 0.09 | <1 | 1 | <1 | 4 | 0.47 | <10 | 0.02 | 17 | <1 | 0.02 | <1 | 320 | <2 | <5 | <20 | 7 | 0.03 | 10 | 13 | <10 | <1 | <1 |
| 64 | L57N-50+25E | <5 | 0.4 | 0.16 | <5 | 10 | <5 | 0.03 | <1 | 1 | <1 | 2 | 0.43 | <10 | 0.01 | 15 | <1 | 0.02 | <1 | 110 | <2 | <5 | <20 | 2 | 0.02 | 20 | 14 | <10 | <1 | <1 |
| 65 | L57N-50+50E | <5 | 0.4 | 0.21 | <5 | 130 | <5 | 0.27 | <1 | 1 | <1 | 3 | 0.48 | <10 | 0.03 | 163 | <1 | 0.04 | <1 | 340 | <2 | <5 | <20 | 19 | 0.03 | 10 | 15 | <10 | <1 | <1 |
| 66 | L57N-50+75E | 5 | 0.6 | 0.68 | 15 | 405 | <5 | 0.39 | <1 | 7 | 12 | 34 | 2.66 | <10 | 0.27 | 285 | 4 | <0.01 | 27 | 890 | 12 | <5 | <20 | 42 | <0.01 | <10 | 54 | <10 | 9 | 114 |
| 67 | L57N-51+00E | 10 | 0.4 | 0.76 | 20 | 190 | <5 | 0.12 | <1 | 9 | 12 | 32 | 3.10 | <10 | 0.22 | 256 | 5 | <0.01 | 23 | 820 | 14 | <5 | <20 | 23 | <0.01 | <10 | 55 | <10 | 2 | 119 |
| 68 | TAP 1 0-10 | 10 | 0.4 | 0.92 | 25 | 190 | <5 | 0.13 | <1 | 10 | 12 | 28 | 3.12 | 10 | 0.28 | 349 | 5 | <0.01 | 23 | 730 | 18 | <5 | <20 | 20 | <0.01 | <10 | 41 | <10 | 2 | 98 |
| 69 | TAP 1 10-100 | 10 | 0.6 | 1.23 | 25 | 535 | <5 | 0.42 | <1 | 12 | 17 | 48 | 3.73 | 10 | 0.41 | 517 | 6 | <0.01 | 36 | 850 | 22 | <5 | <20 | 37 | <0.01 | <10 | 50 | <10 | 8 | 132 |
| 70 | TAP 1 100-150 | 5 | 0.6 | 1.31 | 25 | 580 | <5 | 1.25 | <1 | 17 | 17 | 53 | 3.75 | 10 | 0.50 | 823 | 6 | 0.01 | 45 | 900 | 20 | <5 | <20 | 72 | <0.01 | <10 | 54 | <10 | 6 | 130 |
| 71 | TAP 1 150-200 | 5 | 0.6 | 1.19 | 15 | 480 | <5 | 1.26 | 1 | 20 | 19 | 55 | 3.77 | <10 | 0.51 | 870 | 6 | <0.01 | 46 | 890 | 20 | <5 | <20 | 78 | <0.01 | <10 | 47 | <10 | 7 | 142 |
| 72 | TAP 1 200-250 | 5 | 0.4 | 1.17 | 30 | 510 | <5 | 1.41 | 1 | 22 | 18 | 54 | 4.15 | <10 | 0.54 | 883 | 7 | <0.01 | 47 | 900 | 20 | <5 | <20 | 76 | <0.01 | <10 | 47 | <10 | 7 | 147 |
| 73 | TAP 1 250-300 | 5 | 0.4 | 0.85 | 20 | 310 | <5 | 1.46 | 1 | 14 | 12 | 44 | 3.43 | <10 | 0.48 | 546 | 5 | <0.01 | 34 | 840 | 14 | <5 | <20 | 71 | <0.01 | <10 | 36 | <10 | 5 | 122 |
| 74 | TAP 2 0-10 | 5 | <0.2 | 0.34 | <5 | 50 | <5 | 0.09 | <1 | 1 | <1 | 3 | 0.54 | <10 | 0.02 | 35 | <1 | 0.02 | 2 | 320 | <2 | <5 | <20 | 3 | 0.01 | <10 | 13 | <10 | <1 | <1 |
| 75 | TAP 2 10-100 | 5 | 0.2 | 0.83 | 20 | 430 | <5 | 0.25 | <1 | 10 | 14 | 39 | 3.27 | 10 | 0.29 | 499 | 5 | <0.01 | 33 | 860 | 18 | <5 | <20 | 29 | <0.01 | <10 | 37 | <10 | 8 | 118 |
| 76 | TAP 2 100-150 | <5 | 0.4 | 1.22 | 25 | 505 | <5 | 0.52 | 1 | 15 | 20 | 53 | 3.91 | <10 | 0.43 | 674 | 6 | <0.01 | 43 | 910 | 18 | <5 | <20 | 42 | <0.01 | <10 | 48 | <10 | 7 | 145 |
| 77 | TAP 2 150-200 | 5 | 0.6 | 1.26 | 30 | 555 | <5 | 1.16 | 2 | 26 | 20 | 58 | 4.17 | <10 | 0.46 | 1282 | 7 | <0.01 | 59 | 960 | 26 | <5 | <20 | 66 | <0.01 | <10 | 52 | <10 | 7 | 153 |
| 78 | TAP 2 200-250 | 5 | 0.6 | 1.19 | 30 | 470 | <5 | 1.20 | 2 | 21 | 19 | 55 | 4.23 | <10 | 0.46 | 930 | 7 | <0.01 | 53 | 890 | 20 | <5 | <20 | 65 | <0.01 | <10 | 49 | <10 | 6 | 154 |
| 79 | TAP 2 250-290 | 5 | 0.6 | 1.21 | 20 | 490 | <5 | 1.26 | 2 | 20 | 19 | 57 | 3.85 | <10 | 0.48 | 1077 | 5 | <0.01 | 53 | 910 | 20 | <5 | <20 | 70 | <0.01 | <10 | 49 | <10 | 7 | 143 |
| 80 | TAP 3 0-10 | <5 | <0.2 | 0.31 | <5 | 25 | <5 | 0.04 | <1 | <1 | 1 | 3 | 0.43 | <10 | 0.02 | 19 | <1 | 0.02 | 2 | 180 | <2 | <5 | <20 | 1 | 0.01 | <10 | 9 | <10 | <1 | <1 |
| 81 | TAP 3 10-100 | 5 | 0.4 | 1.13 | 25 | 550 | <5 | 0.34 | 1 | 15 | 18 | 53 | 3.88 | <10 | 0.36 | 693 | 6 | <0.01 | 43 | 880 | 22 | <5 | <20 | 38 | <0.01 | <10 | 47 | <10 | 8 | 151 |
| 82 | TAP 3 100-150 | 5 | 0.6 | 1.34 | 25 | 510 | <5 | 0.40 | 1 | 16 | 20 | 53 | 4.74 | <10 | 0.45 | 808 | 7 | <0.01 | 46 | 860 | 20 | <5 | <20 | 41 | <0.01 | <10 | 56 | <10 | 7 | 219 |
| 83 | TAP 3 150-200 | 5 | 0.4 | 1.21 | 20 | 510 | <5 | 1.23 | 2 | 19 | 19 | 53 | 3.98 | <10 | 0.46 | 935 | 7 | <0.01 | 48 | 930 | 22 | <5 | <20 | 62 | <0.01 | <10 | 50 | <10 | 7 | 142 |
| 84 | TAP 3 200-250 | 10 | 0.4 | 1.30 | 25 | 570 | <5 | 1.43 | 2 | 24 | 20 | 57 | 4.19 | <10 | 0.52 | 1152 | 7 | <0.01 | 56 | 1030 | 22 | <5 | <20 | 74 | <0.01 | <10 | 52 | <10 | 7 | 173 |
| 85 | TAP 3 250-260 | 5 | 0.4 | 1.21 | 20 | 470 | <5 | 1.33 | 2 | 18 | 19 | 54 | 3.79 | <10 | 0.50 | 885 | 6 | <0.01 | 49 | 920 | 18 | <5 | <20 | 73 | <0.01 | <10 | 47 | <10 | 6 | 141 |
| 86 | TAP 4A 0-15 | <5 | <0.2 | 0.31 | <5 | 45 | <5 | 0.04 | <1 | 2 | 4 | 6 | 1.05 | <10 | 0.06 | 71 | <1 | 0.01 | 6 | 240 | 2 | <5 | <20 | <1 | <0.01 | <10 | 19 | <10 | <1 | 12 |
| 87 | TAP 4A 15-100 | 5 | <0.2 | 0.90 | 20 | 450 | <5 | 0.28 | <1 | 12 | 15 | 39 | 3.37 | 10 | 0.32 | 492 | 5 | <0.01 | 33 | 810 | 16 | <5 | <20 | 28 | 0.01 | <10 | 39 | <10 | 8 | 118 |
| 88 | TAP 4A 100-150 | 5 | 0.6 | 1.26 | 20 | 500 | <5 | 0.42 | 1 | 17 | 20 | 55 | 4.44 | <10 | 0.43 | 794 | 7 | <0.01 | 44 | 930 | 20 | <5 | <20 | 42 | <0.01 | <10 | 51 | <10 | 8 | 151 |
| 89 | TAP 4A 150-200 | 5 | 0.6 | 1.30 | 15 | 560 | <5 | 1.47 | 2 | 25 | 21 | 58 | 4.30 | <10 | 0.48 | 1184 | 7 | 0.01 | 54 | 980 | 24 | <5 | <20 | 72 | <0.01 | <10 | 53 | <10 | 7 | 152 |
| 90 | TAP 4A 200-250 | 5 | 0.6 | 1.18 | 20 | 555 | <5 | 1.54 | 1 | 21 | 19 | 56 | 4.05 | <10 | 0.46 | 1116 | 6 | <0.01 | 53 | 960 | 24 | <5 | <20 | 73 | <0.01 | <10 | 47 | <10 | 7 | 145 |
| 91 | TAP 4A 250-280 | <5 | 0.4 | 1.29 | 20 | 525 | <5 | 1.27 | 2 | 17 | 20 | 55 | 4.01 | <10 | 0.53 | 818 | 6 | <0.01 | 47 | 970 | 18 | <5 | <20 | 79 | <0.01 | <10 | 50 | <10 | 7 | 149 |
| 92 | TAP 4B 0-20 | <5 | <0.2 | 0.23 | <5 | 20 | <5 | 0.06 | <1 | <1 | <1 | 1 | 0.36 | <10 | 0.02 | 20 | <1 | 0.02 | 1 | 230 | <2 | <5 | <20 | 3 | 0.01 | <10 | 10 | <10 | <1 | <1 |
| 93 | TAP 4B 20-100 | 5 | 0.4 | 1.26 | 20 | 685 | <5 | 0.37 | <1 | 14 | 19 | 55 | 4.14 | <10 | 0.38 | 643 | 6 | <0.01 | 47 | 870 | 20 | <5 | <20 | 40 | <0.01 | <10 | 50 | <10 | 8 | 153 |
| 94 | TAP 4B 100-150 | <5 | 0.6 | 1.32 | 20 | 550 | <5 | 1.05 | 1 | 17 | 21 | 55 | 4.13 | <10 | 0.48 | 734 | 6 | <0.01 | 46 | 980 | 20 | <5 | <20 | 59 | <0.01 | <10 | 51 | <10 | 7 | 147 |
| 95 | TAP 4B 150-200 | <5 | 0.2 | 1.29 | 20 | 545 | <5 | 1.43 | 2 | 21 | 20 | 56 | 4.22 | <10 | 0.48 | 1031 | 7 | <0.01 | 51 | 960 | 24 | <5 | <20 | 71 | <0.01 | <10 | 50 | <10 | 7 | 149 |

2-Oct-98

ECO-TECH LABORATORIES LTD.
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KAMLOOPS, B.C.
V2C 6T4

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ICP CERTIFICATE OF ANALYSIS AK 98-574

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

ATTENTION: JEAN PAUTLER

*No. of samples received* 119
*Sample Type* Soil
*PROJECT #* 1762 KIWI
*SHIPMENT #* None Given
*Samples submitted by* Ted Archibald

***Values in ppm unless otherwise reported***

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | L5550N-47+00E | <5 | 0.6 | 1.18 | 15 | 245 | <5 | 0.64 | <1 | 8 | 15 | 37 | 2.74 | <10 | 0.41 | 245 | 4 | 0.01 | 36 | 610 | 24 | <5 | <20 | 53 | <0.01 | <10 | 33 | <10 | 10 | 120 |
| 2 | L5550N-47+25E | <5 | <0.2 | 0.59 | 20 | 145 | 5 | 0.11 | <1 | 5 | 10 | 11 | 2.24 | <10 | 0.14 | 142 | 4 | <0.01 | 11 | 590 | 14 | <5 | <20 | 20 | <0.01 | <10 | 52 | <10 | <1 | 64 |
| 3 | L5550N-47+50E | <5 | 0.2 | 0.31 | <5 | 145 | <5 | 0.18 | <1 | 1 | 5 | 7 | 0.65 | <10 | 0.02 | 91 | 2 | 0.02 | 5 | 290 | 2 | <5 | <20 | 15 | <0.01 | <10 | 22 | <10 | <1 | 16 |
| 4 | L5550N-47+75E | <5 | 0.4 | 0.97 | 10 | 470 | <5 | 0.55 | <1 | 9 | 18 | 23 | 2.47 | 10 | 0.44 | 267 | 4 | <0.01 | 27 | 530 | 10 | <5 | <20 | 49 | <0.01 | <10 | 44 | <10 | 4 | 100 |
| 5 | L5550N-48+00E | <5 | <0.2 | 0.23 | <5 | 90 | <5 | 0.36 | <1 | <1 | 2 | 5 | 0.41 | <10 | 0.03 | 52 | <1 | 0.04 | 3 | 390 | <2 | <5 | <20 | 24 | 0.02 | <10 | 9 | <10 | <1 | 4 |
| 6 | L5550N-48+25E | <5 | 0.4 | 0.35 | <5 | 145 | <5 | 0.61 | <1 | 9 | 4 | 9 | 1.25 | <10 | 0.09 | 576 | 1 | 0.03 | 7 | 500 | 2 | <5 | <20 | 43 | 0.02 | <10 | 19 | <10 | 1 | 26 |
| 7 | L5550N-48+50E | <5 | 0.6 | 0.63 | 175 | 235 | 5 | 0.45 | <1 | 11 | 10 | 30 | 4.17 | <10 | 0.24 | 334 | 6 | <0.01 | 28 | 880 | 22 | <5 | <20 | 60 | <0.01 | <10 | 33 | <10 | 7 | 128 |
| 8 | L5550N-48+75E | <5 | 0.8 | 0.94 | 20 | 435 | <5 | 0.56 | 1 | 12 | 17 | 50 | 3.46 | <10 | 0.39 | 491 | 6 | 0.01 | 38 | 960 | 16 | <5 | <20 | 55 | <0.01 | <10 | 50 | <10 | 7 | 151 |
| 9 | L5550N-49+00E | <5 | 0.6 | 0.78 | 25 | 345 | <5 | 0.20 | <1 | 10 | 12 | 35 | 3.27 | <10 | 0.25 | 185 | 6 | <0.01 | 25 | 610 | 14 | <5 | <20 | 29 | <0.01 | <10 | 48 | <10 | 1 | 126 |
| 10 | L5550N-49+25E | <5 | 0.4 | 0.75 | 15 | 240 | <5 | 0.13 | 1 | 11 | 11 | 25 | 2.69 | <10 | 0.14 | 671 | 5 | <0.01 | 17 | 1070 | 16 | <5 | <20 | 23 | <0.01 | <10 | 47 | <10 | <1 | 126 |
| 11 | L5550N-49+50E | <5 | 0.2 | 0.51 | 30 | 130 | <5 | 0.05 | <1 | 6 | 10 | 32 | 3.15 | <10 | 0.09 | 179 | 7 | <0.01 | 17 | 1240 | 20 | <5 | <20 | 22 | <0.01 | <10 | 74 | <10 | <1 | 125 |
| 12 | L5550N-49+75E | <5 | 0.2 | 0.56 | 15 | 190 | 5 | 0.06 | <1 | 5 | 9 | 14 | 2.68 | <10 | 0.11 | 194 | 5 | <0.01 | 12 | 790 | 12 | <5 | <20 | 13 | <0.01 | <10 | 54 | <10 | <1 | 74 |
| 13 | L5550N-50+00E | <5 | <0.2 | 0.74 | 30 | 265 | <5 | 0.19 | <1 | 6 | 12 | 31 | 3.69 | <10 | 0.10 | 265 | 7 | <0.01 | 16 | 1680 | 20 | <5 | <20 | 24 | <0.01 | <10 | 90 | <10 | <1 | 100 |
| 14 | L5550N-50+25E | <5 | 0.8 | 1.03 | 35 | 310 | 10 | 0.12 | 1 | 9 | 20 | 42 | 5.13 | <10 | 0.20 | 254 | 8 | <0.01 | 20 | 2650 | 18 | <5 | <20 | 28 | <0.01 | <10 | 86 | <10 | <1 | 137 |
| 15 | L5550N-50+50E | <5 | 0.6 | 0.71 | 10 | 435 | <5 | 0.36 | <1 | 8 | 13 | 49 | 2.28 | <10 | 0.21 | 235 | 5 | 0.01 | 31 | 760 | 12 | <5 | <20 | 46 | <0.01 | <10 | 47 | <10 | 6 | 106 |
| 16 | L5550N-50+75E | <5 | 0.4 | 0.57 | 5 | 435 | <5 | 0.29 | <1 | 5 | 13 | 30 | 1.78 | <10 | 0.24 | 135 | 3 | <0.01 | 20 | 1030 | 10 | <5 | <20 | 44 | <0.01 | <10 | 41 | <10 | 8 | 102 |
| 17 | L5550N-51+00E | <5 | 0.6 | 0.73 | 15 | 625 | <5 | 0.70 | 1 | 6 | 13 | 34 | 2.20 | <10 | 0.25 | 346 | 4 | 0.01 | 27 | 770 | 10 | <5 | <20 | 55 | <0.01 | <10 | 47 | <10 | 5 | 88 |
| 18 | L56N-47+00E | <5 | <0.2 | 0.63 | 30 | 135 | 5 | 0.03 | <1 | 6 | 10 | 18 | 3.27 | <10 | 0.09 | 267 | 6 | <0.01 | 14 | 1030 | 18 | <5 | <20 | 13 | <0.01 | <10 | 81 | <10 | <1 | 83 |
| 19 | L56N-47+25E | <5 | 0.2 | 0.35 | 10 | 75 | <5 | 0.02 | <1 | 2 | 5 | 8 | 1.12 | <10 | 0.05 | 81 | 2 | <0.01 | 6 | 370 | 6 | <5 | <20 | 6 | <0.01 | <10 | 28 | <10 | <1 | 39 |
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| 21 | L56N-47+75E | <5 | 0.6 | 0.45 | <5 | 320 | <5 | 0.74 | 1 | 3 | 3 | 22 | 0.76 | <10 | 0.06 | 962 | 1 | 0.03 | 6 | 510 | 2 | <5 | <20 | 46 | 0.02 | <10 | 21 | <10 | 6 | 23 |
| 22 | L56N-48+00E | <5 | 0.4 | 0.80 | 20 | 260 | 5 | 0.55 | <1 | 15 | 12 | 19 | 2.78 | <10 | 0.35 | 403 | 4 | 0.01 | 19 | 1020 | 14 | <5 | <20 | 47 | 0.01 | <10 | 37 | <10 | 5 | 108 |
| 23 | L56N-48+25E | <5 | 0.4 | 0.80 | 20 | 220 | <5 | 0.35 | <1 | 11 | 11 | 22 | 2.72 | 10 | 0.38 | 395 | 4 | 0.01 | 24 | 840 | 14 | <5 | <20 | 35 | 0.01 | <10 | 33 | <10 | 6 | 109 |
| 24 | L56N-48+50E | <5 | 0.4 | 0.74 | 60 | 255 | <5 | 0.31 | <1 | 12 | 11 | 27 | 2.92 | <10 | 0.28 | 375 | 4 | <0.01 | 27 | 590 | 14 | <5 | <20 | 40 | <0.01 | <10 | 35 | <10 | 5 | 157 |
| 25 | L56N-48+75E | <5 | 0.8 | 0.67 | 15 | 375 | <5 | 1.10 | 2 | 9 | 11 | 36 | 2.64 | <10 | 0.29 | 835 | 4 | 0.01 | 30 | 1010 | 12 | <5 | <20 | 75 | <0.01 | <10 | 40 | <10 | 6 | 184 |

| Et # | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96 | TAP 4B 200-250 | 5 | 0.4 | 1.04 | 20 | 445 | <5 | 1.93 | 2 | 18 | 17 | 50 | 4 13 | <10 | 0.44 | 748 | 6 | <0.01 | 44 | 990 | 22 | <5 | <20 | 74 | <0.01 | <10 | 42 | <10 | 7 | 145 |
| 97 | TAP 4B 250-270 | 5 | 0.4 | 1.28 | 20 | 545 | <5 | 1 31 | 1 | 19 | 20 | 54 | 4.06 | <10 | 0.51 | 820 | 6 | <0.01 | 50 | 960 | 20 | <5 | <20 | 74 | <0.01 | <10 | 50 | <10 | 7 | 150 |
| 98 | TAP 5 0-15 | <5 | <0.2 | 0.22 | <5 | 30 | <5 | 0.05 | <1 | <1 | <1 | 2 | 0.39 | <10 | 0.02 | 21 | <1 | 0.02 | 2 | 160 | <2 | <5 | <20 | 4 | 0.01 | <10 | 10 | <10 | <1 | <1 |
| 99 | TAP 5 15-100 | <5 | <0.2 | 1.01 | 15 | 440 | <5 | 0 26 | <1 | 11 | 16 | 39 | 3.67 | <10 | 0.33 | 442 | 5 | <0.01 | 35 | 800 | 18 | <5 | <20 | 25 | <0.01 | <10 | 43 | <10 | 6 | 130 |
| 100 | TAP 5 100-150 | <5 | 0.4 | 1.30 | 20 | 590 | <5 | 0 64 | 2 | 19 | 20 | 56 | 4 35 | <10 | 0 46 | 984 | 7 | <0.01 | 51 | 990 | 22 | <5 | <20 | 51 | <0.01 | <10 | 53 | <10 | 7 | 155 |
| 101 | TAP 5 150-200 | <5 | 0.6 | 1 28 | 20 | 565 | <5 | 1 38 | 2 | 24 | 19 | 56 | 4.09 | <10 | 0.48 | 1179 | 7 | <0.01 | 55 | 960 | 24 | <5 | <20 | 70 | <0.01 | <10 | 51 | <10 | 7 | 149 |
| 102 | TAP 5 200-210 | 5 | 0.2 | 1 26 | 20 | 545 | <5 | 1 46 | 2 | 23 | 19 | 58 | 4 09 | <10 | 0.50 | 1094 | 6 | <0.01 | 53 | 930 | 22 | <5 | <20 | 70 | <0.01 | <10 | 49 | <10 | 7 | 146 |
| 103 | TAP 6 0-20 | <5 | <0 2 | 0.27 | <5 | 30 | <5 | 0.04 | <1 | 1 | <1 | 3 | 0.46 | <10 | 0 02 | 25 | <1 | 0.02 | 1 | 130 | <2 | <5 | <20 | 1 | 0.01 | <10 | 12 | <10 | <1 | <1 |
| 104 | TAP 6 20-100 | 5 | 0.2 | 1.10 | 15 | 475 | <5 | 0 35 | <1 | 13 | 17 | 43 | 3 74 | 10 | 0 51 | 496 | 4 | <0.01 | 32 | 950 | 16 | <5 | <20 | 30 | 0.01 | <10 | 41 | <10 | 9 | 107 |
| 105 | TAP 6 100-150 | 10 | 0 2 | 0.99 | 15 | 510 | <5 | 0 38 | <1 | 12 | 16 | 45 | 3 51 | <10 | 0 39 | 546 | 5 | <0.01 | 35 | 970 | 16 | <5 | <20 | 40 | <0.01 | <10 | 42 | <10 | 7 | 124 |
| 106 | TAP 6 150-200 | <5 | 0 4 | 0 81 | 20 | 345 | <5 | 0 50 | <1 | 12 | 14 | 43 | 3 18 | <10 | 0 35 | 514 | 5 | <0.01 | 33 | 880 | 14 | <5 | <20 | 42 | <0.01 | <10 | 37 | <10 | 6 | 116 |
| 107 | TAP 6 200-220 | 5 | 0 2 | 1 28 | 20 | 470 | <5 | 1 10 | 1 | 18 | 21 | 55 | 3 89 | <10 | 0 52 | 867 | 6 | 0.01 | 49 | 930 | 18 | <5 | <20 | 67 | 0.01 | <10 | 50 | <10 | 6 | 144 |
| 108 | TAP 7 0-30 | <5 | <0.2 | 1 22 | 30 | 200 | 5 | 0 06 | <1 | 10 | 19 | 29 | 4 40 | <10 | 0 28 | 206 | 7 | <0.01 | 22 | 590 | 14 | <5 | <20 | 16 | <0.01 | <10 | 76 | <10 | <1 | 102 |
| 109 | TAP 7 30-100 | 15 | 0 8 | 0.87 | 40 | 275 | <5 | 0 36 | 1 | 12 | 18 | 58 | 4 04 | <10 | 0 36 | 587 | 7 | <0 01 | 37 | 1340 | 20 | <5 | <20 | 49 | <0 01 | <10 | 58 | <10 | 11 | 141 |
| 110 | TAP 7 100-150 | 10 | 0 6 | 0.72 | 15 | 195 | <5 | 0 34 | 1 | 8 | 13 | 47 | 3 03 | <10 | 0 37 | 324 | 5 | <0.01 | 29 | 1080 | 12 | <5 | <20 | 43 | <0.01 | <10 | 40 | <10 | 10 | 118 |
| 111 | TAP 7 150-200 | 5 | 0 6 | 1 28 | 20 | 425 | <5 | 0 42 | 1 | 15 | 18 | 51 | 4 01 | <10 | 0 46 | 637 | 5 | 0.01 | 42 | 910 | 20 | <5 | <20 | 44 | <0.01 | <10 | 45 | <10 | 7 | 138 |
| 112 | TAP 7 200-250 | 5 | 0 4 | 1 18 | 20 | 570 | <5 | 1 43 | <1 | 11 | 16 | 45 | 3 66 | <10 | 0 42 | 461 | 5 | 0.01 | 36 | 850 | 16 | <5 | <20 | 63 | <0.01 | <10 | 43 | <10 | 6 | 122 |
| 113 | TAP 8 0-15 | <5 | <0 2 | 0.16 | <5 | 40 | <5 | 0 12 | <1 | <1 | <1 | 1 | 0 28 | <10 | 0 02 | 15 | <1 | 0.03 | <1 | 170 | <2 | <5 | <20 | 11 | 0.02 | <10 | 7 | <10 | <1 | <1 |
| 114 | MK 21 | <5 | 0.4 | 0 92 | 15 | 275 | <5 | 0 73 | 3 | 14 | 13 | 33 | 2.53 | <10 | 0 35 | 612 | 3 | 0.01 | 39 | 880 | 12 | <5 | <20 | 46 | <0.01 | <10 | 31 | <10 | 10 | 184 |
| 115 | MK 22 | <5 | 0.2 | 0 94 | 15 | 260 | <5 | 0 55 | <1 | 12 | 12 | 25 | 2 34 | 10 | 0 32 | 582 | 3 | 0.01 | 22 | 870 | 12 | <5 | <20 | 46 | <0 01 | <10 | 35 | <10 | 8 | 102 |
| 116 | MK 23 | <5 | 0 6 | 1.36 | 25 | 300 | <5 | 0.77 | 2 | 10 | 13 | 25 | 2.72 | 10 | 0 38 | 578 | 3 | 0.02 | 22 | 950 | 12 | <5 | <20 | 50 | 0.01 | <10 | 38 | <10 | 16 | 126 |
| 117 | MK 24 | 25 | 1.2 | 0.54 | <5 | 200 | <5 | 1 43 | 2 | 1 | 2 | 87 | 0.64 | <10 | 0 17 | 204 | <1 | 0.07 | 14 | 1300 | 8 | <5 | <20 | 71 | <0.01 | <10 | 8 | <10 | 12 | 51 |
| 118 | MK 25 | 5 | 0.8 | 1 84 | 15 | 365 | <5 | 1 13 | 2 | 6 | 14 | 28 | 2.52 | 20 | 0.42 | 263 | 2 | 0.02 | 16 | 940 | 14 | <5 | <20 | 59 | 0.01 | <10 | 32 | <10 | 30 | 103 |
| 119 | LK 21 | <5 | 0.2 | 0 89 | 20 | 190 | <5 | 0 51 | <1 | 6 | 11 | 22 | 2 42 | <10 | 0 34 | 267 | 2 | <0.01 | 18 | 1050 | 12 | <5 | <20 | 40 | <0.01 | <10 | 35 | <10 | 7 | 89 |

| Et #. | Tag # | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QC DATA: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Repeat:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | L5550N-47+00E | <5 | 0 6 | 1 24 | 20 | 260 | <5 | 0 64 | <1 | 8 | 15 | 37 | 2 81 | 10 | 0.42 | 246 | 4 | 0.01 | 35 | 640 | 20 | <5 | <20 | 52 | <0.01 | <10 | 35 | <10 | 11 | 126 |
| 10 | L5550N-49+25E | <5 | 0 6 | 0.78 | 15 | 245 | 5 | 0.13 | 1 | 11 | 11 | 25 | 2.80 | <10 | 0 15 | 671 | 5 | <0.01 | 18 | 1100 | 14 | <5 | <20 | 22 | <0.01 | <10 | 50 | <10 | <1 | 133 |
| 19 | L56N-47+25E | <5 | <0 2 | 0 36 | 10 | 75 | <5 | 0 03 | <1 | 2 | 5 | 8 | 1.14 | <10 | 0.05 | 84 | 3 | <0.01 | 7 | 390 | 6 | <5 | <20 | 5 | <0.01 | <10 | 29 | <10 | <1 | 40 |
| 28 | L56N-49+50E | <5 | 0 4 | 1 03 | 10 | 790 | <5 | 0 39 | <1 | 6 | 12 | 14 | 2 68 | <10 | 0 16 | 327 | 5 | <0.01 | 14 | 270 | 12 | <5 | <20 | 30 | <0 01 | <10 | 65 | <10 | <1 | 66 |
| 36 | L5650N-47+25E | <5 | 0 4 | 1 19 | 30 | 205 | 10 | 0 09 | <1 | 11 | 16 | 22 | 4 20 | <10 | 0 25 | 298 | 6 | <0.01 | 20 | 1280 | 20 | <5 | <20 | 22 | <0.01 | <10 | 68 | <10 | <1 | 118 |
| 45 | L5650N-49+50E | <5 | 0 4 | 0 61 | 20 | 150 | <5 | 0 02 | <1 | 4 | 7 | 12 | 2.38 | <10 | 0.04 | 121 | 3 | <0.01 | 9 | 530 | 14 | <5 | <20 | 3 | 0.01 | <10 | 62 | <10 | <1 | 57 |
| 54 | L57N-47+50E | <5 | 0 2 | 0 17 | <5 | 15 | <5 | 0 05 | <1 | 1 | <1 | 2 | 0 42 | <10 | 0.02 | 16 | <1 | 0.03 | <1 | 70 | <2 | <5 | <20 | 5 | 0.02 | 20 | 13 | <10 | <1 | <1 |
| 63 | L57N-50+00E | <5 | 0 6 | 0 36 | <5 | 40 | <5 | 0 11 | <1 | 2 | <1 | 5 | 0 52 | <10 | 0 03 | 20 | <1 | 0.03 | <1 | 350 | <2 | <5 | <20 | 10 | 0 03 | 10 | 16 | <10 | <1 | <1 |
| 71 | TAP 1 150-200 | 5 | 0 4 | 1 18 | 20 | 490 | <5 | 1 25 | 1 | 20 | 19 | 54 | 3 71 | <10 | 0 50 | 873 | 5 | <0.01 | 45 | 900 | 18 | <5 | <20 | 74 | <0 01 | <10 | 46 | <10 | 6 | 139 |
| 80 | TAP 3 0-10 | <5 | <0 2 | 0 32 | <5 | 30 | <5 | 0 04 | <1 | <1 | 2 | 3 | 0 42 | <10 | 0 02 | 18 | <1 | 0.02 | 2 | 180 | <2 | <5 | <20 | 3 | 0 01 | <10 | 9 | <10 | <1 | <1 |
| *89* | *TAP 4A 150-200* | 5 | 0 6 | 1 27 | 20 | 555 | <5 | 1 43 | 2 | 24 | 19 | 56 | 4 17 | <10 | 0 47 | 1153 | 7 | <0.01 | 51 | 960 | 26 | <5 | <20 | 68 | <0 01 | <10 | 52 | <10 | 7 | 147 |
| 98 | TAP 5 0-15 | <5 | 0 2 | 0 22 | <5 | 30 | <5 | 0 04 | <1 | <1 | 1 | 2 | 0 35 | <10 | 0 02 | 15 | <1 | 0 02 | 2 | 170 | <2 | <5 | <20 | 4 | 0 01 | <10 | 9 | <10 | <1 | <1 |
| 106 | TAP 6 150-200 | <5 | 0 4 | 0 81 | 15 | 330 | <5 | 0 50 | 1 | 12 | 12 | 40 | 3 13 | <10 | 0 35 | 507 | 5 | <0.01 | 32 | 870 | 14 | <5 | <20 | 40 | <0.01 | <10 | 36 | <10 | 6 | 110 |
| 115 | MK 22 | - | 0 4 | 0 96 | 15 | 255 | <5 | 0 56 | <1 | 12 | 12 | 25 | 2 36 | 10 | 0 32 | 594 | 3 | 0.01 | 23 | 910 | 12 | <5 | <20 | 44 | <0 01 | <10 | 35 | <10 | 8 | 102 |
| *Standard:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEO'98 | | 135 | 1 6 | 1 78 | 65 | 170 | <5 | 1 74 | <1 | 19 | 62 | 83 | 4 09 | <10 | 0 97 | 689 | <1 | 0.02 | 22 | 640 | 18 | <5 | <20 | 60 | 0 11 | <10 | 79 | <10 | 5 | 72 |
| GEO'98 | | 145 | 1 4 | 1 76 | 70 | 165 | <5 | 1 83 | <1 | 20 | 63 | 82 | 4 29 | <10 | 0 99 | 680 | <1 | 0 03 | 22 | 680 | 20 | <5 | <20 | 62 | 0 13 | <10 | 83 | <10 | 5 | 67 |
| GEO'98 | | 135 | 1 2 | 1 69 | 55 | 160 | <5 | 1 70 | <1 | 19 | 59 | 79 | 4 02 | <10 | 0 94 | 676 | <1 | 0 02 | 26 | 650 | 18 | <5 | <20 | 54 | 0 10 | <10 | 74 | <10 | 2 | 57 |
| GEO'98 | | 140 | 1 2 | 1 71 | 55 | 160 | <5 | 1 69 | <1 | 19 | 57 | 80 | 4 03 | <10 | 0.94 | 675 | <1 | 0 02 | 25 | 660 | 14 | <5 | <20 | 54 | 0 10 | <10 | 75 | <10 | 2 | 56 |

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XLS/98Teck
*fax: 372-1285*

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

Eco-Tech LABORATORIES LTD.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
email: ecotech@mail.wkpowerlink.com

# CERTIFICATE OF ASSAY AK 98-613

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

15-Oct-98

**ATTENTION: JEAN PAUTLER**

*No. of samples received: 18*
*Sample Type: Rock*
*PROJECT #: 1762*
*SHIPMENT #: None Given*
*Samples submitted by: J. Pautler*

Kiwi

| ET #. | Tag # | As (%) |
|---|---|---|
| 12 | 00437 | 1.24 |

**QC DATA:**

***Repeat:***

| | | |
|---|---|---|
| 12 | 00437 | 1.23 |

***Standard:***

| | |
|---|---|
| MPla | 0.84 |

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

XLS/98TecK
*fax: @ 372-1285*

14-Oct-98

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

Phone: 250-573-5700
Fax : 250-573-4557

# ICP CERTIFICATE OF ANALYSIS AK 98-612

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

ATTENTION: JEAN PAUTLER

*No. of samples received: 8*
*Sample Type: Soil*
*PROJECT #: 1762*
*SHIPMENT #: None Given*
*Samples submitted by: J. Pautler*

*Values in ppm unless otherwise reported*

| Et #. | Tag # | Mesh Size | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | TAP-9 | | 5 | 0.4 | 1.40 | 10 | 775 | <5 | 1.10 | 2 | 13 | 22 | 56 | 3.72 | 10 | 0.55 | 463 | 6 | 0.01 | 42 | 1010 | 20 | <5 | <20 | 84 | <0.01 | <10 | 63 | <10 | 8 | 119 |
| 2 | TAP-10 | | <5 | 0.2 | 1.36 | 15 | 595 | 5 | 0.43 | 1 | 16 | 20 | 52 | 3.96 | 10 | 0.47 | 771 | 5 | 0.01 | 46 | 920 | 26 | <5 | <20 | 50 | <0.01 | <10 | 51 | <10 | 7 | 103 |
| 3 | TAP-15 | | <5 | 0.6 | 1.17 | 15 | 560 | <5 | 0.98 | 2 | 13 | 19 | 52 | 3.59 | 10 | 0.55 | 1397 | 5 | 0.01 | 44 | 950 | 20 | <5 | <20 | 74 | 0.01 | <10 | 49 | <10 | 7 | 109 |
| 4 | S-13A | -48 | <5 | 0.6 | 0.76 | 115 | 415 | <5 | 0.35 | 1 | 13 | 15 | 45 | 3.82 | <10 | 0.28 | 924 | 6 | <0.01 | 41 | 1130 | 24 | <5 | <20 | 42 | 0.01 | <10 | 52 | <10 | 8 | 142 |
| 5 | S-16A | -32 | <5 | <0.2 | 1.27 | 30 | 220 | <5 | 0.06 | <1 | 11 | 22 | 36 | 4.90 | <10 | 0.37 | 344 | 6 | <0.01 | 23 | 1090 | 20 | <5 | <20 | 21 | <0.01 | <10 | 71 | <10 | <1 | 90 |
| 6 | S-16B | -32 | <5 | <0.2 | 1.18 | 20 | 225 | <5 | 0.12 | <1 | 10 | 18 | 28 | 3.78 | <10 | 0.36 | 295 | 6 | <0.01 | 22 | 1100 | 16 | <5 | <20 | 30 | <0.01 | <10 | 59 | <10 | <1 | 82 |
| 7 | S-16C | -32 | <5 | 0.6 | 1.88 | 30 | 230 | 5 | 0.07 | <1 | 13 | 24 | 38 | 4.63 | <10 | 0.33 | 408 | 6 | <0.01 | 29 | 1320 | 22 | <5 | <20 | 25 | <0.01 | <10 | 75 | <10 | <1 | 96 |
| 8 | S-16D | | <5 | 0.6 | 1.18 | 15 | 520 | <5 | 0.45 | 2 | 13 | 19 | 59 | 4.17 | 10 | 0.44 | 427 | 7 | 0.01 | 48 | 910 | 24 | <5 | <20 | 44 | <0.01 | <10 | 57 | <10 | 9 | 134 |
| **QC DATA:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***Repeat:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | TAP-9 | | <5 | 0.4 | 1.42 | 10 | 785 | <5 | 1.11 | 2 | 13 | 22 | 57 | 3.78 | 10 | 0.56 | 471 | 8 | 0.01 | 43 | 1020 | 18 | <5 | <20 | 86 | <0.01 | <10 | 64 | <10 | 9 | 121 |
| ***Standard:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEO'98 | | | 120 | 1.0 | 1.78 | 65 | 170 | <5 | 1.86 | <1 | 19 | 63 | 81 | 4.04 | <10 | 0.96 | 681 | <1 | 0.03 | 24 | 880 | 20 | 5 | <20 | 84 | 0.13 | <10 | 80 | <10 | 5 | 68 |

***NOTE: Mesh is -80 unless indicated otherwise.***

df/607
XLS/98Teck
*fax: 372-1285*

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

14-Oct-98

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

Phone: 250-573-5700
Fax : 250-573-4557

# ICP CERTIFICATE OF ANALYSIS AK 98-611

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

ATTENTION: JEAN PAUTLER

*No. of samples received: 4*
*Sample Type: Silt/Moss*
*PROJECT #: 1762 KIWI*
*SHIPMENT #: None Given*
*Samples submitted by: T. Archibald*

***Values in ppm unless otherwise reported***

Kiwi

| Et # | Tag # | Mesh Size | Au(ppb) | Ag | Al % | As | Ba | Bi | Ca % | Cd | Co | Cr | Cu | Fe % | La | Mg % | Mn | Mo | Na % | Ni | P | Pb | Sb | Sn | Sr | Ti % | U | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | LK22 | | <5 | 0.2 | 0.80 | <5 | 250 | <5 | 0.54 | <1 | 6 | 9 | 13 | 1.76 | <10 | 0.23 | 773 | 1 | 0.01 | 16 | 810 | 8 | <5 | <20 | 44 | 0.02 | <10 | 29 | <10 | 5 | 52 |
| 2 | LK23 | -46 | <5 | 0.2 | 0.66 | 15 | 365 | <5 | 0.55 | 1 | 9 | 12 | 28 | 2.66 | <10 | 0.36 | 482 | 4 | 0.01 | 27 | 1000 | 14 | <5 | <20 | 55 | <0.01 | <10 | 41 | <10 | 7 | 112 |
| 3 | LK24 | -32 | <5 | <0.2 | 0.65 | 15 | 290 | <5 | 0.49 | 2 | 10 | 12 | 32 | 2.68 | <10 | 0.36 | 512 | 4 | 0.01 | 29 | 820 | 14 | <5 | <20 | 44 | <0.01 | <10 | 41 | <10 | 6 | 109 |
| 4 | MK26 | | <5 | <0.2 | 1.02 | 15 | 265 | <5 | 0.48 | 2 | 25 | 13 | 26 | 2.62 | 10 | 0.32 | 683 | 3 | 0.01 | 54 | 900 | 14 | <5 | <20 | 49 | 0.02 | <10 | 40 | <10 | 11 | 225 |
| **QC DATA:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***Repeat:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | LK22 | | <5 | <0.2 | 0.60 | <5 | 255 | <5 | 0.56 | 1 | 7 | 9 | 14 | 1.80 | <10 | 0.23 | 825 | 1 | 0.01 | 17 | 830 | 8 | <5 | <20 | 44 | 0.01 | <10 | 29 | <10 | 5 | 55 |
| ***Standard:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEO'98 | | | 120 | 1.0 | 1.75 | 65 | 165 | <5 | 1.86 | <1 | 19 | 61 | 79 | 3.97 | <10 | 0.94 | 674 | <1 | 0.03 | 22 | 650 | 20 | <5 | <20 | 62 | 0.13 | <10 | 79 | <10 | 5 | 70 |

***NOTE: Mesh is -80 unless indicated otherwise.***

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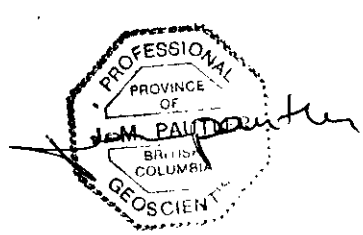
XLS/98Teck
*fax: 372-1285*

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

## APPENDIX III - Statement of Expenditures

| | | | | |
|---|---|---|---|---|
| **Wages:** | J. Pautler | 10 days @ 275.00/day | $ 2,750.00 | |
| | E. A. Archibald | 10 days @ 200.00/day | 2,000.00 | |
| | | **Total: 20 man-days** | | **$ 4,750.00** |
| **Groceries:** | 20 man-days @ $ 20.00/md | | | **300.00** |
| **Meals, Accommodation:** | 4 man-days @ $75.00/ea. | | | **300.00** |
| **Field Supplies:** | (flagging tape, thread, sample bags) 20 man-days @ $15.00 | | | **$ 300.00** |
| **Camp Supplies:** | (Propane, tents, hardware, etc.) 10 days @ $25.00 | | | **$ 250.00** |
| **Truck/Gas:** | 10 days @ $50/day + $100. fuel | | | **600.00** |
| **Equipment Rental:** | Satellite Phone @ $600/mo. for 10 days | | | 200.00 |
| | Handheld radios @ $180/mo. for 10 days | | | 60.00 |
| | | | **Total:** | **260.00** |
| **Air Charter:** | Trans North Helicopters, Ross River, Y.T. (Aug 30, Sept 10,22,29) | | | |
| | **5.6 hrs @ $ 750.00/hr incl. fuel** | | **Total:** | **4,200.00** |
| **Geochemistry:** | 137 soils @ 17.00 ea. | Au, ICP | 2,329.00 | |
| | 88 rocks @ 20.00 ea. | Au, ICP | 1,760.00 | |
| | 10 stream seds @ 17.00 ea. | Au, ICP | 170.00 | |
| | Shipping: | | 250.00 | |
| | | | **Total:** | **4,509.00** |
| **Maps & Prints:** | | | | **250.00** |
| **Report & Drafting:** | | | | **$ 1,500.00** |
| | | **GRAND TOTAL:** | | **$ 17,319.00** |
| **Total Amount Applied for Assessment** | | | | **$ 16,400.00** |



## APPENDIX VI

## STATEMENT OF QUALIFICATION

I, Jean Marie Pautler, do hereby certify that:

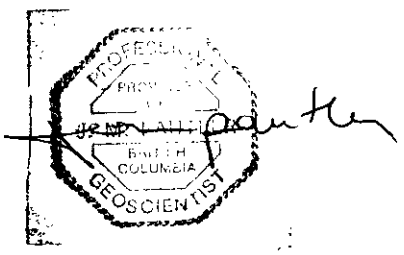
1) I am a geologist with more than twenty years of field experience.

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

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

4) I supervised and conducted exploration on the Kiwi Claim Group between August 29 and September 29, 1998.

Jean Pautler
Senior Project Geologist.



KIWI 1-82

North Zone

Discovery Zone

New Zone
MAX: 50/0.6/2320

L 47 E
L 48 E
L 45 E
B/L 50 E
L 56 E
L 58 E
L 52+50 E
L 56+50 E

L 57 N
L 56 N
L 55 N
L 54 N
L 53 N
L 52 N
L 51 N
L 50 N
L 49 N
L 48 N
L 47 N
L 46 N
L 45 N

Kea Creek
Kiwi Creek

455 5/<0.2/<5
456 5/<0.2/5
457 5/<0.2/5
458 5/0.2/10
454
314 5/<0.2/<5
313 5/0.2/<5
497 5/0.2/25
496 5/<0.2/<5
494 5/0.2/<5
495 5/0.4/<5
492 5/<0.2/15
493 5/<0.2/25
453 5/0.6/10
452 5/0.2/10
350 5/0.2/5
347 5/<0.2/<5
348 5/<0.2/<5
349 5/<0.2/5
315 5/<0.2/<5
311 5/<0.2/10
MK-22 <5/0.2/15
MK-26 <5/<0.2/15
342 5/<0.2/5
343 5/<0.2/<5
344 5/5.8/<5, 0.4% Pb, 0.1% Zn
345 5/<0.2/<5
346 5/<0.2/20
333 5/<0.2/25
334 5/<0.2/5
335 5/<0.2/<5
336 5/<0.2/20
LK-21 <5/0.2/20
MK-23 <5/0.6/25
MK-24 25/1.2/<5
MK-25 5/0.8/15
LK-23 <5/0.2/15
LK-24 <5/<0.2/15
LK-22 <5/0.2/<5
340 5/0.2/10
341 10/0.6/<5
329 10/0.4/135
328 5/<0.2/15
331 5/<0.2/<5
322 5/<0.2/730
330 5/<0.2/<5
326 5/0.4/75
325 5/0.2/90
400 5/0.2/<5
461 5/0.2/50
460 5/0.4/25
443 505/8.4/100
442 5/<0.2/30
422 535/6.6/1520
440 125/<0.2/6085
437 730/4.4/290
478 5/0.2/10
337 5/0.4/<5
303 5/<0.2/90
339 5/<0.2/10
338 5/<0.2/20
310 5/0.4/<5
308 10/<0.2/10
309 5/<0.2/50
312 5/<0.2/10
318 5/<0.2/10
319 5/<0.2/<5
320 5/<0.2/30
316 5/1.0/15
305 5/<0.2/10
306 5/<0.2/10
307 5/<0.2/<5
304 5/0.6/<5

## SYMBOLS

- ●, △ .....ROCK SAMPLE in place, float
- x.....STREAM SEDIMENT SAMPLE
- o.....SOIL SAMPLE

SAMPLE NO. 340 5/0.2/10 (Au ppb, Ag ppm, As ppm)

## LEGEND

*Cretaceous–Tertiary*

3 Quartz Feldspar Porphyry dykes, sills small stocks (gradational? to 2)

2 Aphanitic Feldspar Porphyry 2d, debris? flow

*Ordovician–Silurian*

1 Shales

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

KIWI PROPERTY

# Geology and Geochemistry

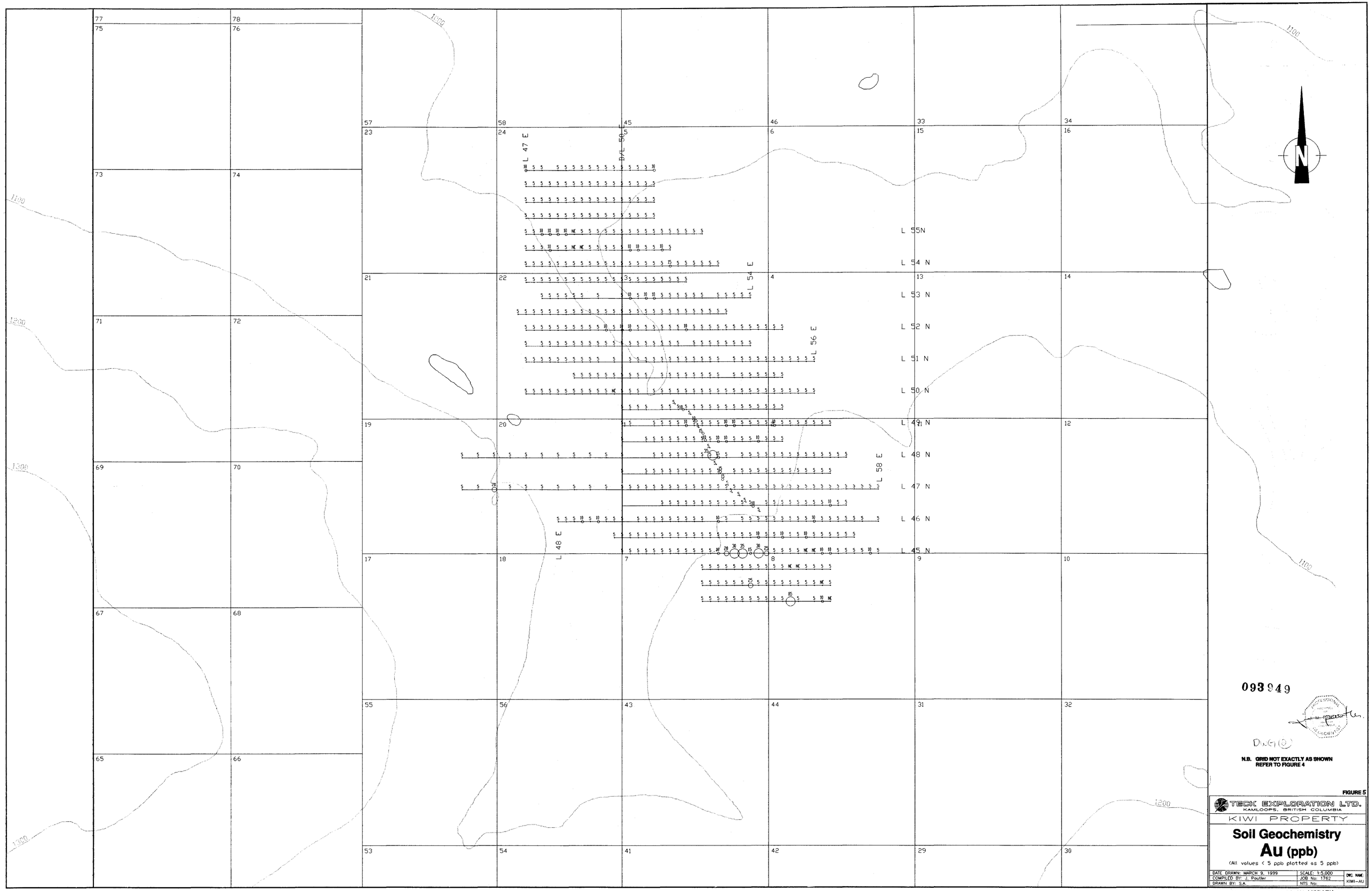
0 100 200 metres

| | | |
|---|---|---|
| DATE DRAWN: MARCH 9, 1999 | SCALE: 1:5,000 | DWG. NAME: KIWI-GEO |
| COMPILED BY: J. Pautler | JOB No: 1762 | |
| DRAWN BY: S.A. | NTS No: 105J/12W | |

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA GEOSCIENTIST

093949

FIGURE 4




093949

N.B. GRID NOT EXACTLY AS SHOWN
REFER TO FIGURE 4

FIGURE 5

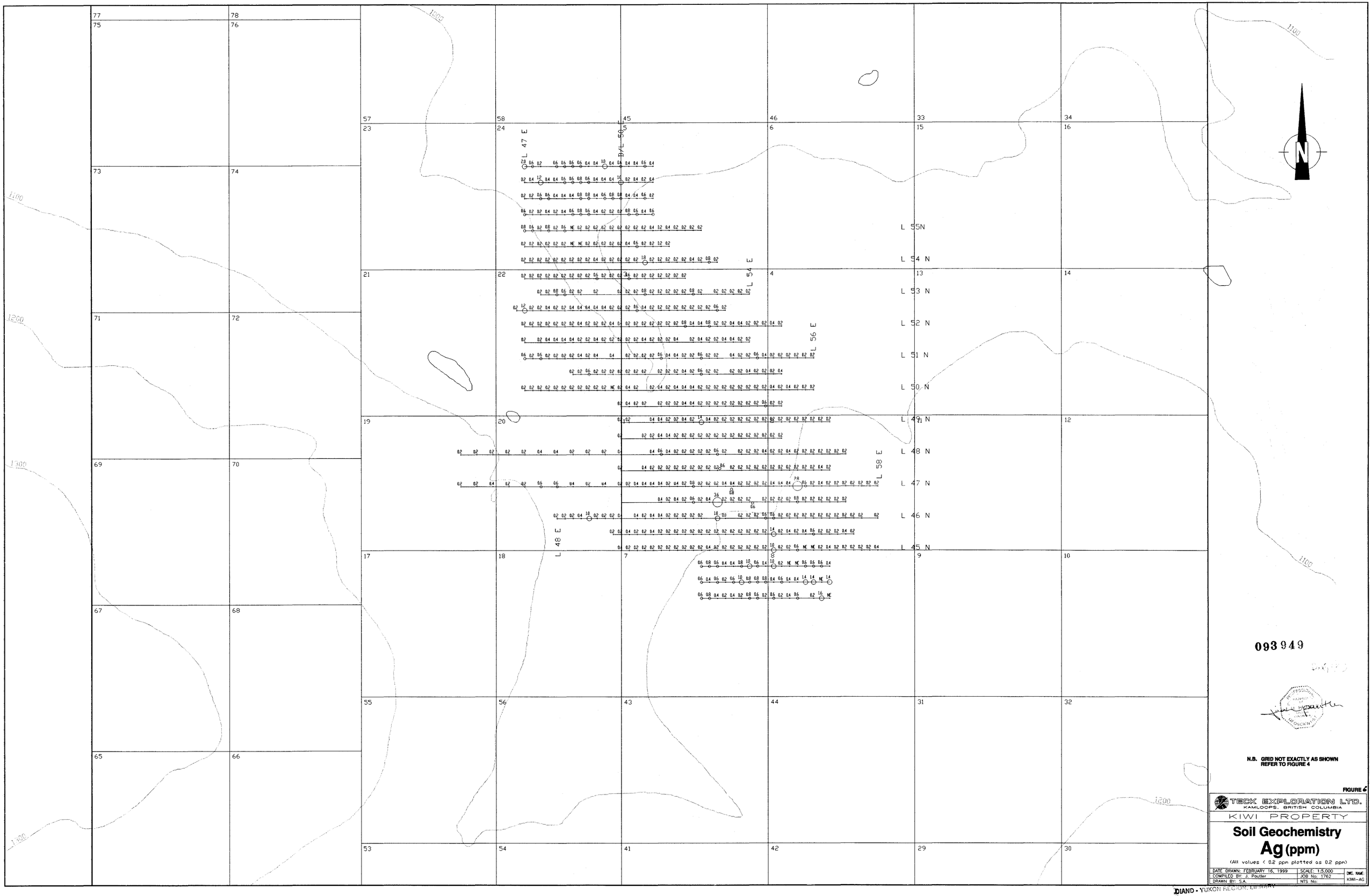
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

KIWI PROPERTY

# Soil Geochemistry
# Au (ppb)

(All values < 5 ppb plotted as 5 ppb)

| | | |
|---|---|---|
| DATE DRAWN: MARCH 9, 1999 | SCALE: 1:5,000 | DWG NAME: KIWI-AU |
| COMPILED BY: J. Poutier | JOB No: 1762 | |
| DRAWN BY: S.A. | NTS No: | |




N.B. GRID NOT EXACTLY AS SHOWN
REFER TO FIGURE 4

FIGURE 6

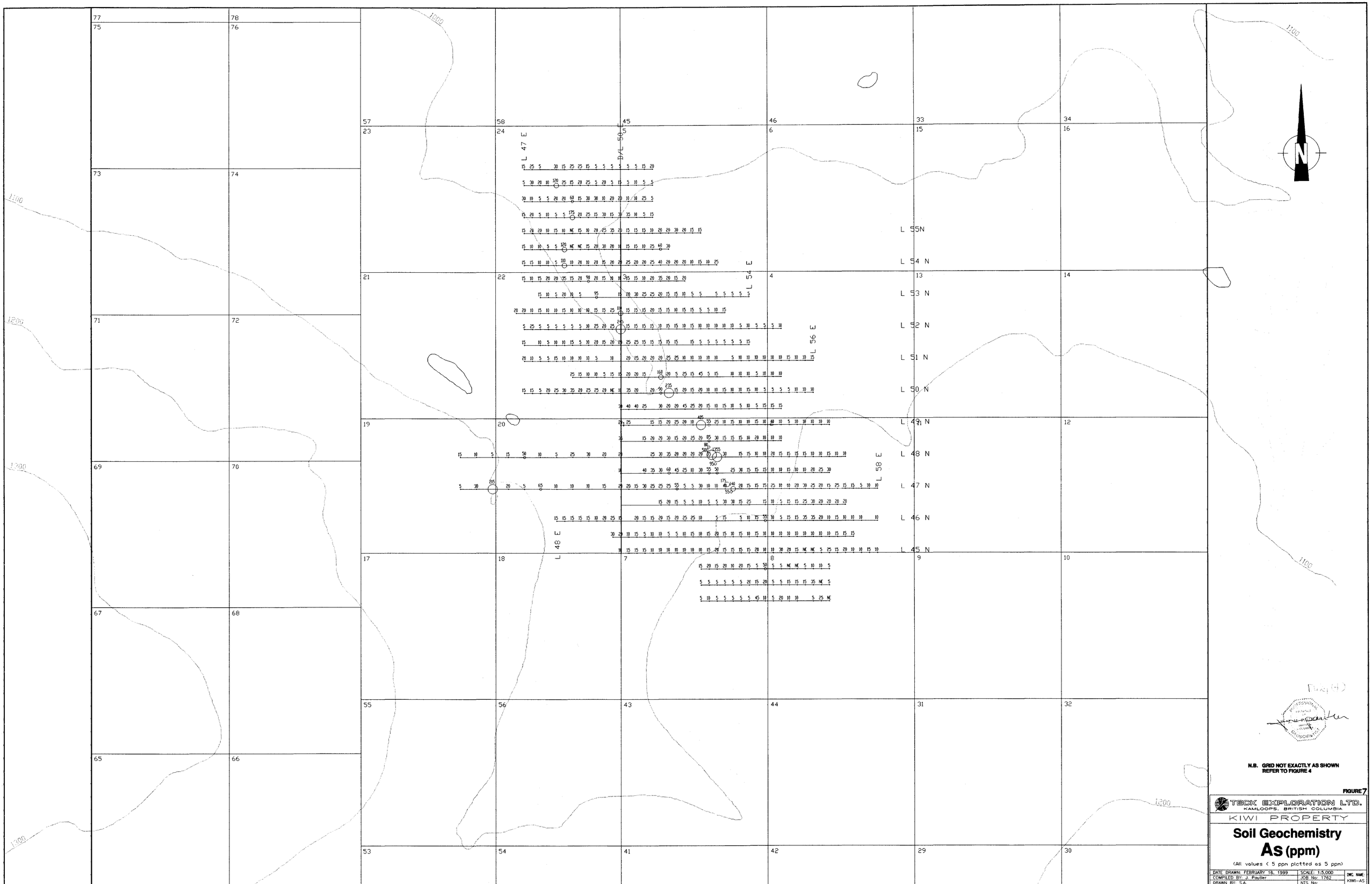
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

KIWI PROPERTY

# Soil Geochemistry
# Ag (ppm)

(All values < 0.2 ppm plotted as 0.2 ppm)

| | | |
|---|---|---|
| DATE DRAWN: FEBRUARY 16, 1999 | SCALE: 1:5,000 | DWG. NAME: KIWI-AG |
| COMPILED BY: J. Poutler | JOB No: 1762 | |
| DRAWN BY: S.A. | NTS No: | |




N.B. GRID NOT EXACTLY AS SHOWN
REFER TO FIGURE 4

FIGURE 7

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

KIWI PROPERTY

# Soil Geochemistry
# As (ppm)

(All values < 5 ppm plotted as 5 ppm)

| | | |
|---|---|---|
| DATE DRAWN: FEBRUARY 16, 1999 | SCALE: 1:5,000 | DWG. NAME: KIWI-AS |
| COMPILED BY: J. Pautler | JOB No: 1762 | |
| DRAWN BY: S.A. | NTS No: | |

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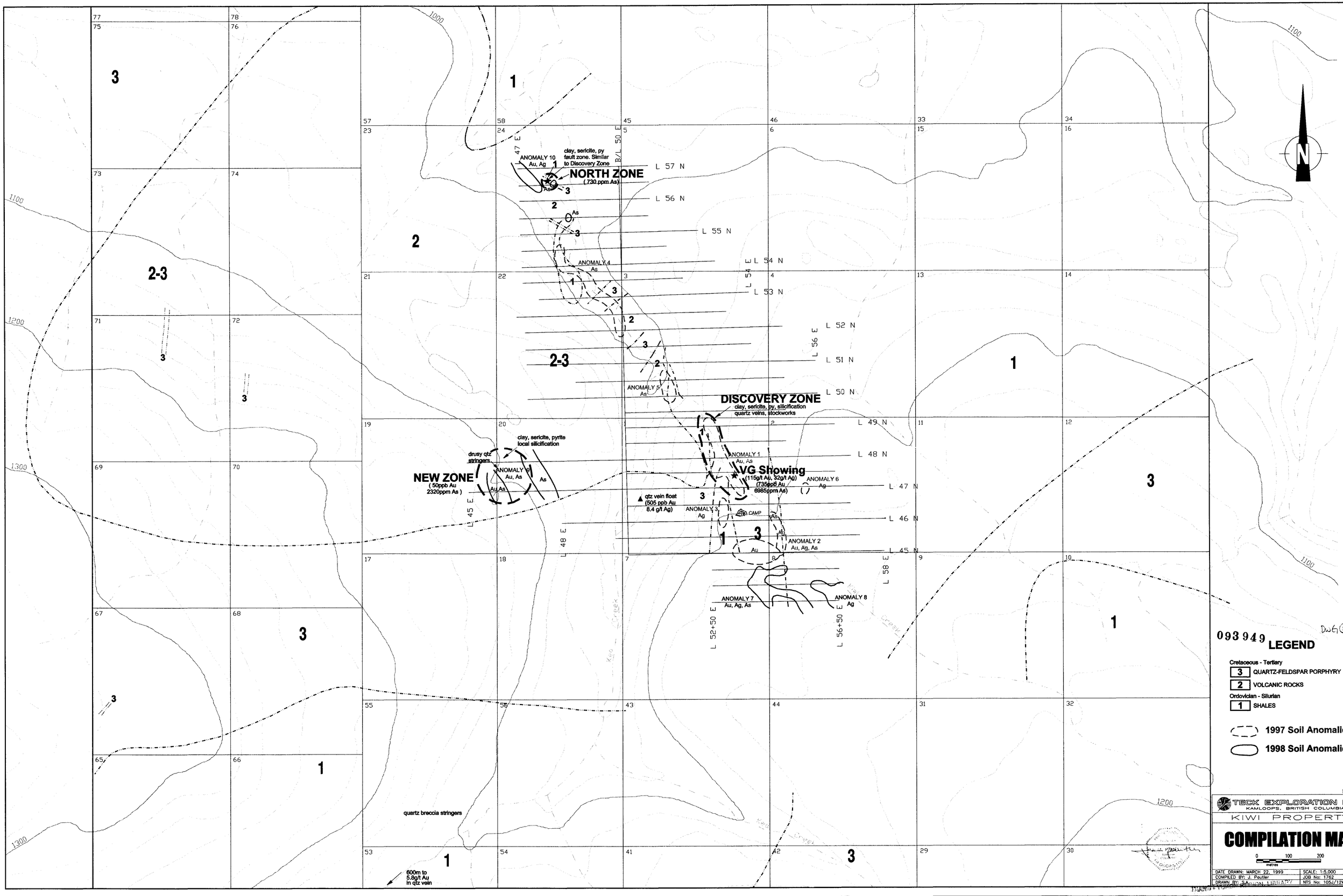


093949 Dwg 5

## LEGEND

Cretaceous - Tertiary

- 3 QUARTZ-FELDSPAR PORPHYRY
- 2 VOLCANIC ROCKS

Ordovician - Silurian

- 1 SHALES

- 1997 Soil Anomalies
- 1998 Soil Anomalies

FIGURE 8

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

KIWI PROPERTY

# COMPILATION MAP

0 100 200
metres

| | | |
|---|---|---|
| DATE DRAWN: MARCH 22, 1999 | SCALE: 1:5,000 | DWG. NAME: KIWI-COMP |
| COMPILED BY: J. Poutier | JOB No: 1762 | |
| DRAWN BY: SA | NTS No: 105J/12W | |