ASSESSMENT REPORT

GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL SURVEYS

on the

X-CAL 1-27, STAR, GOOF CLAIMS

NTS: 92J/9W,10E

Latitude: 50°40' Longitude: 122°30'

LILLOOET MINING DIVISION

May 3-5, 29-30, June 10 - Aug. 23,25, 1989

OWNER: Teck Corporation in trust for
X-Cal Resources Ltd.
Tyaughton Lk Rd.
Gen Delivery,
Gold Bridge, B.C.
V0K 1P0

OPERATOR: Teck Explorations Ltd.
#960-175 Second Ave.,
Kamloops, B.C.
V2C 5W1

Jean Pautler
January 1990

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SUMMARY

The X-Cal 1-27, Goof and Star claims comprise the 506 unit Anderson Lake Property. The property is located 25 km southeast of Bralorne, B.C. along the Cadwallader Shear Zone.

The X-Cal claims were optioned from X-Cal Resources Ltd. on the basis of similar lithology, structure and quartz veining to the Bralorne Camp as well as anomalous Au in previous heavy mineral sampling.

The 1989 program involved detailed 1:10,000 mapping of the property, with concurrent geochemical sampling. A total of 12.05 line km of grid was established (with 1:5,000 and 1:2,500 scale mapping). 7.7 line km of soil sampling and VLF-EM surveying was completed.

The Anderson Lake Property is underlain by sedimentary/volcanic rocks of the pre Permian? Bridge River Group and the upper Triassic Cadwallader Group. The Cadwallader and Ferguson Faults, as well as splay faults, transect the property and appear to have controlled the emplacement of a large body of Bralorne diorite and later linear altered zones of the President Ultrabasic Complex. The above sequence is intruded by the main body of the Coast Plutonic Complex in the west and by an outlying body of Bendor Granodiorite in the east. A limited exposure of Tertiary volcanic rocks occurs in the southeast part of the property and is intruded by a Tertiary miarolitic granite.

Three zones of interest were delineated based on similarities to Bralorne. These are:

1) Silicon Cirque
2) South Forks
3) Two Lakes - Star Claim

1) The Silicon Cirque area closely resembles the geological environment of Bralorne. A shallow conjugate vein system, proximal to the Ferguson Fault, contains tetrahedrite, galena and sphalerite and is hosted by listwanite altered fractures within the Bralorne Diorite. Ultramafic rocks and albitite dykes occur peripheral to the area. Although, As, Sb, Hg, W, Cu, Pb, Zn trace element anomalies are evident, Au anomalies are lacking. Ag anomalies are associated with tetrahedrite and galena rich sections of the veins.

The veins appear to lack violent late stage faulting, multiple and violent vein formation, and abundance of rocks of albitite-soda granite composition, all evident in the Bralorne Camp.

These features combined with the 'high level' characteristics of the veins suggest that the possibility of

"Motherlode" style mineralization is remote but if it does occur it is probably at depths greater than 2500'.

Based on the remote chance of intersecting Au mineralization at this depth and the probability that mineralization at this depth would not be economic, further work in this area is not warranted.

2) Similarities of the South Forks area to Bralorne include the presence of soda granite and related quartz feldspar porphyry and albitite dykes and existence of easterly directed splay faults off the Cadwallader Shear. The Captain's Grid area, which covers possibly two 070° trending splays, displays the best Au results from the property. Four samples of quartz veins carry greater than 1.0 g/t Au, up to 12.09 g/t. ±Ag. However, the values are restricted to narrow widths and are extremely localized. Present and previous soil sampling confirms the irregular nature of mineralization. Heavy mineral anomalies appear to be due to concentration of the above discontinuous zones of Au mineralization. Only two weak discontinuous conductors were denoted by the VLF-EM survey.

At this time no further work is recommended as it is doubtful that the veins observed could reach economic size or grades.

3) The Two Lakes - Star area is characterized by fault bounded slices of ultramafic rocks and diorite invading a metamorphosed sedimentary-volcanic terrane. At this location on the property the Cadwallader Shear and Ferguson Overthrust Structures are in the closest proximity to each other.

This environment occurs at a much higher level of exposure along the faults than at Bralorne. It is possible that the alteration and veining observed in this area is peripheral to Bralorne type mineralization at depth (> 3,000'). Anomalous As, Sb, ±Hg are associated with zones of listwanite alteration in the area. However, precious metal anomalies are lacking and no major veins or vein sets are evident.

Due to the absence of a viable target in this area and the probable excessive depth to mineralization if it exists, no further work is recommended here.

In conclusion, despite the striking similarity to the Bralorne Gold Camp, it appears that 'Motherlode' style high grade gold veins are either absent or exist at uneconomic depths. Consequently, no further work is recommended at this time and the property will revert to X-Cal Resources Ltd.

Location and Access: (Figure 1)

The Anderson Lake Property, (NTS Map Sheet 92J/9W, 10E) is located 150 km NNE of Vancouver, B.C. within the Lillooet Mining Division. The town of Bralorne lies 25 km to the northwest and D'Arcy lies 8 km to the south. Latitude and longitude are 50°40'N, 122°30'W. Access to the property is via a 4 wd hydro road that connects D'Arcy to Seton Portage. An extremely rugged drill road extends up Connell Creek, (Roaring Ck).

The McGillivray Creek Trail, originally a route to the Bridge River Gold Camp, extends along McGillivray Creek from Anderson Lake and up the North Fork to McGillivray Pass and beyond. The trail is currently maintained by Forestry.

Helicopter access is available from Pemberton, B.C., 40 km southwest of the property.

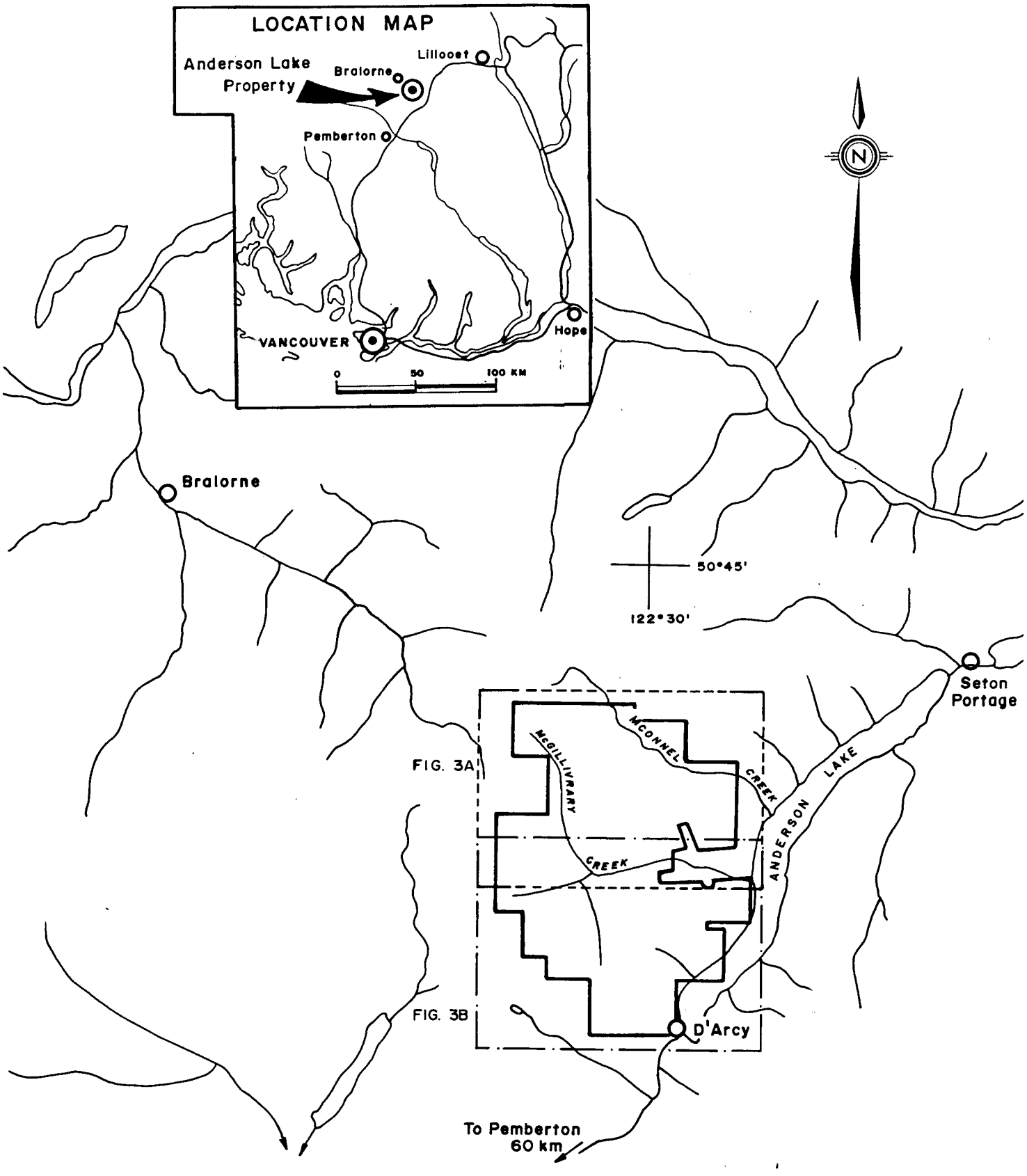


FIGURE 1

Teck Explorations Limited	
Anderson Lake Property	
LOCATION MAP	
N.T.S.- 92 J/9W, 10E	SCALE- 1:250 000
DATA - J.P.	DATE - NOV. 1989

Legal Description: (Figure 2)

The X-Cal 1-27 claims consist of 474 contiguous units. The claims were optioned from X-Cal Resources Ltd, Gold Bridge, B.C. by Teck Corporation, Vancouver, B.C. The adjacent 32 unit Goof and Star claims were staked in July 1989 by Teck Explorations Ltd. to cover favourable ground peripheral to the main property. All claims were operated by Teck Explorations Ltd., Kamloops, B.C. but will revert to X-Cal Resources Ltd. upon termination of the agreement. A statement of claims with expiry dates follows:

CLAIM NAME	RECORD NO.	NUMBER OF UNITS	EXPIRY DATE (as of Nov. 1989)	YEARS to be APPLIED	NEW EXPIRY DATE
X-Cal 1	2329	20	28 Mar.1990	0	28 Mar.1990
X-Cal 2	2330	20	28 Mar.1990	0	28 Mar.1990
X-Cal 3B	2331	20	28 Mar.1990	3	28 Mar.1993
X-Cal 4	2332	10	28 Mar.1991	0	28 Mar.1991
X-Cal 5	2333	20	28 Mar.1990	3	28 Mar.1993
X-Cal 6	2334	20	28 Mar.1990	4	28 Mar.1994
X-Cal 7	2335	20	28 Mar.1990	2	28 Mar.1992
X-Cal 8	2336	20	28 Mar.1990	4	28 Mar.1994
X-Cal 9	2337	20	28 Mar.1990	4	28 Mar.1994
X-Cal 10	2338	12	28 Mar.1990	0	28 Mar.1990
X-Cal 11	2339	20	28 Mar.1990	2	28 Mar.1992
X-Cal 12	2340	20	28 Mar.1990	4	28 Mar.1994
X-Cal 13	2341	20	05 Apr.1990	2	05 Apr.1992
X-Cal 14	2342	20	28 Mar.1990	3	28 Mar.1993
X-Cal 15	2343	20	28 Mar.1990	3	28 Mar.1993
X-Cal 16	2344	20	05 Apr.1990	0	05 Apr.1990
X-Cal 17	2344	20	05 Apr.1990	1	05 Apr.1991
X-Cal 18	2346	20	05 Apr.1990	4	05 Apr.1994
X-Cal 19	2347	20	05 Apr.1990	0	05 Apr.1990
X-Cal 20	**2666**	**12**	**02 Dec.1989**	**0**	**02 Dec.1989**
X-Cal 21	**2661**	**20**	**02 Dec.1989**	**0**	**02 Dec.1989**
X-Cal 22	**2665**	**18**	**02 Dec.1989**	**0**	**02 Dec.1989**
X-Cal 23	**2667**	**9**	**02 Dec.1989**	**0**	**02 Dec.1989**
X-Cal 24	**2664**	**9**	**02 Dec.1989**	**0**	**02 Dec.1989**
X-Cal 25	**2717**	**20**	**14 Feb.1990**	**0**	**14 Feb.1990**
X-Cal 26	**2718**	**16**	**14 Feb.1990**	**0**	**14 Feb.1990**
X-Cal 27	2719	8	14 Feb.1991	0	14 Feb.1991
Goof	4275	20	05 July1990	0	5 July1990
Star	4274	12	18 July1990	2	18 July1992

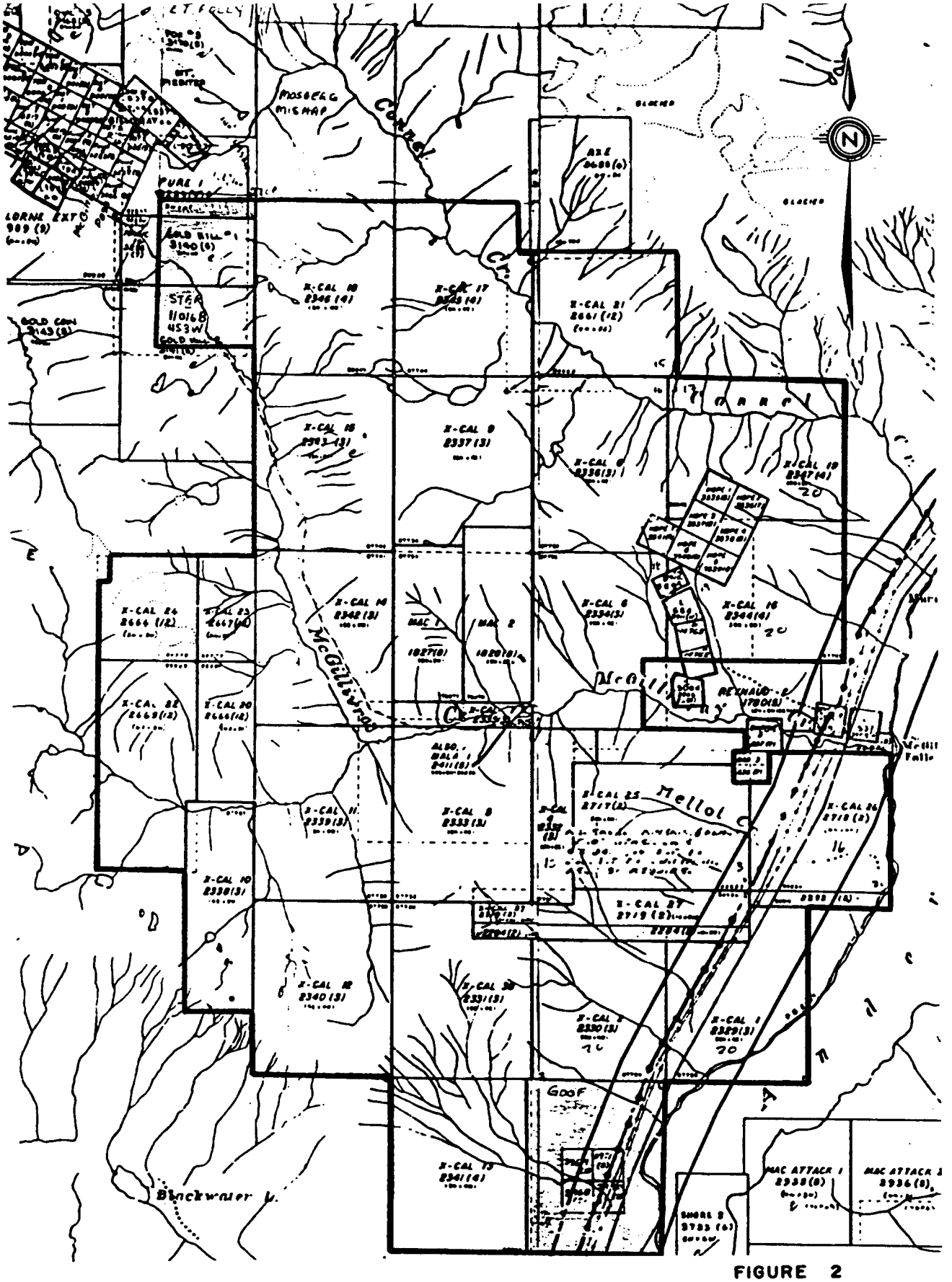


FIGURE 2

1 0 1 2 3
Kilometers

Tsck Explorations Limited	
Anderson Lake Property	
CLAIM MAP	
N.T.S.- 92 J/9W,10E	SCALE- 1:80 000
DATA- J.P.	DATE- NOV. 1989

Topography and Vegetation:

The Anderson Lake Property lies within the rugged mountains of the Bendor and Cadwallader Ranges. Elevations range from 900' along Anderson Lake to 8,000' on several mountain peaks. Tree line is approximately at 6,000'. Vegetation consists of a dense coniferous forest with areas of alder and devil's club.

McGillivray Creek and its forks dissect the property. Glacial till and alluvium occupy the valleys, while the higher elevations consist of large expanses of outcrop.

History:

Following the discovery of gold in the Bridge River area in 1896 and particularly during the gold rush of the early 1930's, the Anderson Lake Property saw extensive exploration by prospectors en route to and from the Bralorne Gold Camp.

The Anderson Lake Mine, adjacent to the property was discovered in 1897. Six adits were driven on a north trending quartz vein with a total of 688 oz of Au produced from 10,110 tons mined.

The Gold Hill and Diorite showings, located on the property, were explored by adits and pits during 1932-33. Quartz veins on Prospector's Peak and other quartz veins near Silicon Cirque were explored by trenches and pits probably at the same time.

Recent activity in the area involved silt and heavy mineral sampling by Silver Standard Mines, (1979) and X-Cal Resources Ltd, (1983). The surveys outlined 2 main areas of interest; 1) Star Mountain and 2) the South Forks of McGillivray Creek, as well as outlining a spot 34,000 ppb Au stream anomaly on a tributary of Connell Creek.

Noranda Mines and Placer Development briefly examined the ground, confirming the anomalies.

In 1985, reconnaissance mapping by Hudson Bay Exploration and Development Co. Ltd. confirmed the extension of the Cadwallader Shear through the property. Geochemical sampling, consisting mainly of soil sampling and a VLF-EM survey along the South Fork Creek was also completed. A VLF-EM 'anomaly' was outlined along the creek.

In 1986, X-Cal Resources Ltd. drilled eight holes totalling 950m in the South Fork area. Six holes tested the depth extent of the Switchback Vein, a 1-2m wide vein trending $158^{\circ}/80\text{-}90^{\circ}$. The vein is not anomalous in gold, but contains minor galena and sphalerite.

DDH-8 tested the 1985 VLF-EM anomaly along the South Fork Creek. The drill hole intersected narrow fault zones and albitite dykes near the end of the hole. Quartz stringers with

pyrite and sphalerite and up to 0.62g/t Au over 0.6m occur in the vicinity of the albitite dykes.

In 1987, Canada Tungsten Mining Corp examined the South Fork area and relogged the 1986 core. Several anomalous soil samples up to 1800 ppb Au were obtained proximal to a 070° trending aerial lineament in this area.

1989 Work

The Anderson Lake Property was optioned by Teck Corporation from X-Cal Resources in June, 1989 for the following reasons:

1) similar geological environment to that of the Bralorne Camp
2) anomalous Au values in heavy mineral sampling

A total of 277 man days were spent on the property between May 3 and Aug 25, 1989. Work on the property primarily consisted of detailed mapping with concurrent rock sampling using 1:15,000 scale air photographs and 1:15,000 and 1:10,000 topographic maps, (blow up of 1:50,000 map) for control. The mapping was in much greater detail than the previous 1:10,000 reconnaissance mapping of the property. Many sections were mapped at 1:5,000 or greater detail and transferred to the 1:10,000 base map.

Extensive rock sampling of veins and alteration zones was employed due to 1) the limited extent of ore shoots at Bralorne, 2) the failure of previous work to find a source for the stream anomalies, 3) the lack of previous detailed rock sampling and 4) the poor response of soils in areas of overburden due to glacial and alluvial deposits.

Work was concentrated in those areas with 1) known pan sample anomalies; 2) proximal to the Cadwallader Shear Zone and Ferguson Overthrust structures; 3) easterly directed splay faults off the main structures; 4) fault intersections.

A total of 12.05 line km of grid was established in two areas; the Silicon Cirque Grid in Silicon Cirque and the Captain's Grid in the vicinity of a 070° trending aerial lineament in the South Fork area. All baselines were established using pull chain and compass.

The 4.35 line km Silicon Cirque Grid with 50m spacings was established to facilitate mapping and sampling of numerous quartz veins in the area.

Soil and VLF-EM surveys were conducted over the Captain's Grid at 25m stations on lines 100m apart. A 1:5,000 geological survey was also conducted over the 7.7 line km of grid. Hand trenching was conducted at 1987 soil anomaly locations in this area and soil and/or rock samples collected. The five pits that were dug measured no more than $1m^3$ each.

Reconnaissance VLF-EM was conducted on the Star claim in an attempt to trace a listwanite zone.

GEOLOGY

Regional

The geology of the property is similar to that of the Bralorne camp. The Cadwallader and Ferguson Faults transect sedimentary/volcanic rocks of the Pre Permian Bridge River Group and Upper Triassic Cadwallader Group. Linear, altered serpentinite zones mark the faults which have controlled the emplacement of a body of the Bralorne Diorite/greenstone. The above sequence lies between the main body of the Coast Plutonic Complex and outlying bodies of Bendor granodiorite.

Other similarities to the Bralorne area include:

1) The presence of favourable host rocks: Bralorne diorite, Pioneer greenstone, Soda granite.

2) presence of albitite dykes.

3) extension of Cadwallader Shear and Ferguson Overthrust structures across the property.

4) existence of low sulphide quartz veins.

5) similar vein mineralogy: pyrite, galena, sphalerite, trace tetrahedrite with pyrrhotite, chalcopyrite in wallrock (Silicon Cirque area).

6) presence of shallow conjugate vein system (Silicon Cirque).

The regional lithologies are described in the following Table of Lithological Units. This table was used in assigning stratigraphic names to the property lithologies.

TABLE OF LITHOLOGICAL UNITS:

Tertiary-

- **Tg:** miarolitic granite
- **Tv:** dacitic volcanics and porphyries

Cretaceous - Bendor Granodiorite; Granodiorite, local Quartz-Diorite, apophyses of Soda Granite - Coast Plutonic Complex (CPC)

PRESIDENT ULTRABASIC COMPLEX: pyroxenites, dunites, largely altered to serpentinite

U.Triassic-

CADWALLADER GROUP

- **HURLEY FORMATION:** green, brown, black argillite, cherty argillite; local siltstone, sandstone, calcarenite, limestone horizons; upper dacite to basalt volcanic breccias; basal conglomerate; limestone and chert pebble conglomerates.
- **NOEL FORMATION:** thinly bedded black argillite, siltstone, few thin limestone zones.
- **PIONEER FORMATION:** greenstones, basic volcanics; includes pillow lavas, aquagene breccias, massive and pyroclastic units

Pre Permian -

- **BRALORNE DIORITE:** mottled greenish grey, variable texture quartz diorite-diorite-gabbro.
- **BRIDGE RIVER GROUP:** chert, local quartz pebble conglomerate, some marble; schist, gneiss, hornfels; phyllite, argillite in less metamorphosed areas, greenstone, basalt includes pillow lavas

(After Church 1987, Woodsworth 1977)

Property: (Fig. 3)

It is extremely difficult to sort out the various Groups and Formations on the property due to the presence of similar lithologies in each and the high degree of deformation proximal to the many faults that transect the property. For example; regionally deformed Bridge River pyroclastic rocks resemble Pioneer pyroclastic rocks proximal to major faults. Distinguishing between the Bridge River versus Hurley argillite to phyllite member is even more difficult. Consequently the mapping concentrated on individual lithologies, combining them into formations based on the more regional picture.

Bridge River Group:

The oldest unit exposed on the property consists of deformed sedimentary/volcanic rocks of the Bridge River (Ferguson) Group. The sedimentary member primarily consists of black, commonly graphitic phyllite, phyllitic argillite and argillite with thinly bedded chert.

The volcanic rocks are principally intermediate to mafic vesicular to amygdaloidal greenstones. Thin pods of limestone are often associated with them. One occurrence of pillow breccia was noted north of Star Mountain.

The Bridge River Group is primarily exposed northeast of the Ferguson Thrust, on the eastern part of the property and along the north shore of Anderson Lake. Several small fault bounded slices of the unit are exposed in the south-central part of the property. A small disconformable slice of the Bridge River Group occurs on the ridge west of the headwaters of South Forks.

Pioneer Formation

Two members of the Upper Triassic Pioneer Formation are exposed on the property. A thick sequence of light green andesitic to dacitic pyroclastic rocks occur in the valley of the South Fork of McGillivray Creek on X-Cal 1 and 27 below a large body of Pioneer greenstone-diorite.

In the South Fork area little exposure of the Pioneer Formation is evident. The unit is observed in drill core, in trenches and as local float. In small pieces particularly on the west side of the South Fork, it occurs as a light green chloritic phyllite. On the eastern side of the creek, it is more competent. It appears to underlie the Hurley Formation in this area.

The Pioneer greenstone-diorite complex consists of metamorphosed blocks of andesite tuff to volcanic breccia within a dioritic intrusion. Due to the similar composition and age, (diorite appears to be the source of the volcanic unit) it is difficult to distinguish large areas of diorite from the

'greenstone breccia'. Generally, the volcanic component increases towards the southeast and the intrusive component increases to the northwest.

Bralorne Diorite

Classic Bralorne Diorite is exposed north of McGillivray Creek and further to the south towards D'Arcy Creek.

The Bralorne Diorite exposed on the property grades from a quartz diorite to diorite to leucogabbro. It is generally weakly foliated to fairly deformed and altered. The mafic component is commonly chloritized and tends to smear, obscuring the original intrusive texture. Small quartz, carbonate, epidote veinlets are common.

The age of the Bralorne Diorite is controversial. One K/Ar analysis indicated an upper Carboniferous age (Church, 1986) but conflicting relationships exist between the Pioneer Formation volcanic rocks and 'Bralorne Diorite' Several stages of dioritic intrusion are possible. Emplacement of the diorite appears to be fault controlled.

Noel Formation

The Noel Formation has not been mapped on the property. There is the possibility that it does occur. However, the close resemblance to the Hurley Formation precludes differentiation of the two.

Hurley Formation:

The western half of the property is dominated by rocks of the Upper Triassic Hurley Formation. They include black, brown, green argillites, cherty or silicious argillites, minor quartzite, limestone, tuffaceous sediments and conglomerate. The conglomerates include chert pebble conglomerates (South Forks area) and limestone pebble conglomerates (Two Lakes area). Many of the sedimentary rocks, particularly the tuffaceous variety, are limey. A 200m long outcrop of limestone is exposed in the South Forks area.

Contacts with the Pioneer greenstone diorite complex, although not directly observed, appear to be conformable. Although, a fault occurs near the Pioneer/Hurley contact in the South Forks area, the actual contact may be conformable with local interfingering of the Pioneer dactic pyroclastics and the overlying Hurley sedimentary units. All other contacts appear to be defined by faults.

President Ultrabasic Complex:

The Mesozoic President ultramafic rocks have been emplaced along the major faults forming lenticular masses. Extensive shearing is common within the unit proximal to the contacts.

The ultramafic rocks are largely altered to serpentine. In the southern part of the property , bright green schistose, and bastite phases are common. The northern exposures of ultramafic rocks consist of dull black massive varieties. Dark green serpentinite is common in the South Forks area.

Carbonate and listwanite alteration is widespread within and adjacent to the ultramafic bodies particularly in the following areas:

1) Two Lakes area continuing on to the Star Claim
2) South Fork's area
3) the D'Arcy Creek area

Coast Plutonic Rocks

The Coast Plutonic Rocks are exposed in the western and northeastern parts of the property. A large body of quartz diorite intrudes Hurley Formation sediments in the northwest. In the southwest, a hornblende granodiorite body intrudes the Hurley sedimentary rocks. An apophyses of 'soda granite' is related to this latter pluton (South Forks area, i.e. Gold Hill).

A granodiorite stock probably related to the Lower Tertiary Bendor Plutons intrudes the northeastern part of the property.

Tertiary Volcanic Rocks

A small body of Tertiary volcanic rocks are exposed northwest of Anderson Lake. The rocks are amazingly fresh compared to the units previously described. They include bedded andesitic pyroclastics, (lapilli tuffs, agglomerates and breccias) a black rhyodacitic partially welded tuff and spherulitic dacite flows.

They unconformably overlie Hurley Formation sedimentary rocks with a distinctive regolith along the contact.

Tertiary Granite

A small body of Eocene aged, miarolitic granite intrudes the Tertiary volcanic rocks and older units along Anderson Lake. The granite is fresh, fine grained and pink in color.

Dykes

Several dyke sets cut the above lithologies. Feldspar porphyry dykes of quartz diorite composition are particularly evident in the South Forks area, on Prospector's Peak and in the Two Lakes - Star Mountain area. All are proximal to and probably related to large exposures of the granodiorite to quartz diorite Coast Plutonic Complex. The dykes are commonly foliated parallel to the regional trend.

In the South Forks area, the feldspar porphyry dykes occur as a northerly trending swarm with a small body of soda granite at the north end. The dykes in this area are intensely deformed. Both the dykes and granite may have been emplaced along a northerly trending structure.

Less common quartz feldspar porphyry and albitite dykes, both of similar composition to the soda granite, occur peripheral and are parallel to the dyke swarm.

Albitite dykes, although of limited number and size were also noted in the Silicon Cirque and Star Mountain areas.

Younger, probable Tertiary aged dykes are less abundant. Intermediate feldspar porphyry dykes apparently related to the Tertiary volcanic unit, cut the miarolitic granite. Conversely granite dykes cut the volcanic unit, suggesting partly synchronous formation of the two.

Tertiary basalt and lamprophyre dykes are not abundant. Both are found in the Anderson Lake Mine area, Two-Lakes area and basalt dykes were noted in the South Forks area.

Structure:

The structural picture is fairly complex. Large scale regional structures are distorted by local structural trends.

Regionally, the Cadwallader Group forms a northwest trending antiform with a central small synform. The Bralorne Diorite appears to have been emplaced along this synform.

The Cadwallader Shear Zone extends across the property. The structure trends 120° through the Bralorne Camp, dipping vertical to 70° to the West. It bends near the north end of the property to 160°, then back to almost 120° at the southern end of the property. The shear zone is complex with numerous diverging and converging splays.

The Ferguson Overthrust is less complex and trends 110° to 140° across the property. The dip of the structure appears to be steeply to the east.

The ultramafic units as well as ankerite quartz-carbonate, and listwanite alteration were useful in delineating faults on

the property. Evidence for most of the faults was observed at least somewhere along its extent and extrapolated. Others are based on lithological changes and air photo interpretation.

In most cases foliations measured in the volcanic/sedimentary units trend north to northwest following the regional structural trend. The structure is more complex in the South Forks area with tight folding evident. Local cross structures distort the folding pattern. The small scale folding appears to be along a larger antiformal structure through the South Forks area.

At the northern end of the property, (Two Lakes - Star Mountain), more broad scale folding is evident with a synform-antiform occurring from west to east.

North-northwest trends with steep westerly dips are dominant in the Anderson Lake Mine area. The dips become steeper towards the mine workings suggesting a fold axis in the vicinity.

Although bedding was found to closely follow measured foliations, local northeast bedding trends do occur particularly east of the South Fork.

Bedding and foliation trends in the Prospector's Peak area suggest the presence of a northeasterly trending structure in this area.

Mineralization

Quartz and quartz carbonate veins are widespread on the Anderson Lake Property. Most veins trend north to northwest, parallelling the regional structure. The primary ore-bearing structures at Bralorne trend easterly. Average vein direction is 110°/70°N. Relatively few veins with this orientation have been found on the property.

Three main areas of interest were delineated based on favourable host lithologies, structure, veining, the presence of albitite dykes and alteration zones. They are as follows:

1) Silicon Cirque
2) South Forks
3) Two Lakes - Star Claim

1) Silicon Cirque (Fig. 5)

Silicon Cirque was so named because of the abundance of quartz in this cirque and surrounding ridge. The quartz veins occupy a quartz-carbonate to listwanite altered conjugate fracture system within the Bralorne Diorite. Veins trend 20° to 40° and 120° -140° with shallow dips to the south. A similar vein system in the Bralorne Camp contains significant gold values at depth.

Silicon Cirque is entirely underlain by Bralorne Diorite. However, ultramafic rocks and albitite dykes intrude the diorite along the Ferguson Overthrust, 500m to the east. The above features appear to be important criteria for gold mineralization in the Bralorne Camp. Conversely, features that are lacking include the absence of the soda granite, the limited size and number of albitite dykes and the lack of violent late stage faulting. Late stage faulting is evidenced at Silicon Cirque by the minor offset of an albitite dyke, but brecciation of the albitite, as noted at the Pioneer Minesite was not observed.

Vein mineralogy is similar to the Bralorne Camp. The veins contain up to 3% sulfides consisting of tetrahedrite, galena and sphalerite with pyrrhotite and chalcopyrite proximal to some of the veins. Pyrite is common within the quartz-carbonate to listwanite alteration zones.

Vein morphology differs from the Bralorne Camp. The lack of typical ribbon texture of the Bralorne veins may reflect the lack of violent and repeated late stage faulting and veining. In contrast the Silicon Cirque veins are white and massive to vuggy in character. At Bralorne, gold is concentrated with the ribbons of wallrock within the veins.

Vein widths average 30 cm but widths in the 1-2m range do occur. Locally 3-5m? widths are evident. The most prominent veins within Silicon Cirque are the Snow Vein, Dufer Vein, Goofer Vein, Ted's Vein and the Waterfall Vein. The 800 m long Archibald Vein is located 500m to the east of Silicon Cirque, proximal to the Ferguson Overthrust.

The northwest trending Dufer Vein zone can be traced for 1.4km but is barren of sulfides. The similar and parallel Goofer Vein zone can only be traced as float. The 33°/15°S trending Snow Vein contains visible tetrahedrite and malachite and can be traced for 400m. Both Ted's Vein and the Waterfall Vein lie 500m north of the Snow Vein. Ted's Vein trends 114°/52°s, may be up to 600m long and contains local concentrations of tetrahedrite and malachite. The Waterfall Vein is pyritic, trends 100°/36°s and can be traced for almost 400m.

The Archibald Vein generally trends 120° - 130°, dipping 55°SW to 86°N at its southeast end. Minor galena and pyrite were noted at the northwest end of the vein. The vein is hosted by listwanite altered ultramafic rocks and diorite.

Three northwest trending significant alteration zones occur in the area. Big Red is distinguishable as a dark red quartz-carbonate alteration zone that transects Diorite Peak. Minor quartz-carbonate veins and stringers both parallel and cut across the 170m long zone.

The 600 m long Big Orange zone constitutes a 75m wide, pyritic quartz-carbonate to listwanite alteration zone with associated parallel quartz veins and minor crosscutting quartz

veinlets and stringers. A possible 300 m+ long splay to Big Orange occurs 300 m to the northeast.

2) South Forks:

The South Forks area displays a high degree of complexity, the understanding of which is hampered by poor exposure. The most important features are: 1) the presence of soda granite in the Gold Hill area at the north end of South Forks 2) the occurrence of quartz feldspar porphyry and albitite dykes which appear to be related to the soda granite 3) the presence of easterly trending splay faults off the Cadwallader Shear Zone.

The Captain's Grid (Fig.6) covers one and possibly two 070° trending splays off the Cadwallader. Exposure is extremely limited, however, rusty quartz, pyritic quartz and tetrahedrite/malachite bearing quartz float were observed on the grid.

At the headwaters of the South Fork it is evident that quartz stringers and small veins (30 cm) are related to feldspar porphyry dykes. Minor galena, and rare arsenopyrite and sphalerite are associated with the veins.

Quartz stringers are also evident within peripheral quartz feldspar porphyry and albitite dykes, east of the South Fork.

All veins trend north to northwest where exposed except for the 110° trending South Fork vein (Fig. 8) in this area. The vein is 1.5m wide but pinches to 10 cm within 50 m. Minor pyrite occurs peripheral to the vein.

The 160° trending steeply dipping Switchback Vein (Fig. 9) further to the north, ranges from 70cm to 6m in width and can be traced for 150m. A 100m long vein exposure 800m to the southeast may represent the extent of this vein.

Southwest of the Switchback Vein across the South Fork, the Gold Hill East showing is exposed, (Fig. 10). Three short adits and several pits expose quartz veining with minor galena, sphalerite and pyrite hosted by fine grained, aplitic to coarse grained soda granite. The main 25m long adit follows a 140°/80°S trending 1.5m wide vein. This vein intersects one of an easterly, shallow south dipping vein set.

A quartz vein, 6 to 8 m wide hosted by grey silicious argillite is reported to have been explored by the Gold Hill West Adit, 300 m west of the Gold Hill East Adit. No workings were encountered but several large blocks of quartz 1m x 3m and up to 5m were observed in the approximate area. The veins contain pyrite and quartz-sericite altered margins.

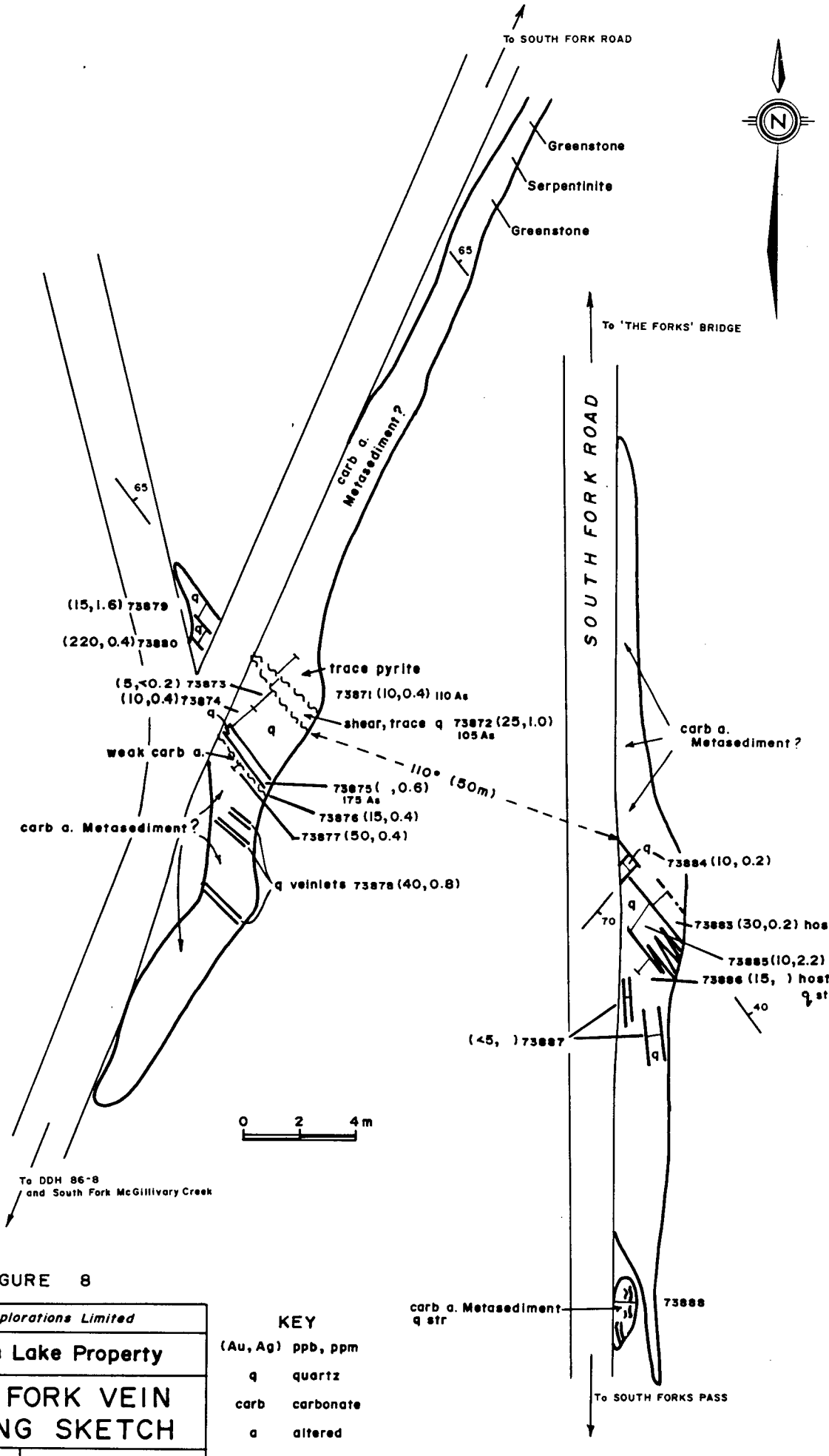


FIGURE 8

Teck Explorations Limited	
Anderson Lake Property	
SOUTH FORK VEIN SAMPLING SKETCH	
N.T.S. - 92J/9W, 10E	SCALE - 1:200
DATA - J.P.	DATE - NOV. 1989

KEY

(Au, Ag)	ppb, ppm
q	quartz
carb	carbonate
a	altered
w	weak
str	stringer

3) Two Lakes - Star Claim

This area constitutes a geologically complex environment west-northwest of Star Mountain. Fault bounded slices of ultramafic rocks and diorite invade a metamorphosed sedimentary volcanic terrane. The Cadwallader and Ferguson Faults transect this area in close proximity. Feldspar porphyry dykes intrude the above.

A 140° trending listwanitic fault zone occurs at the contact between ultramafic rocks and a northwest trending feldspar porphyry dyke. Quartz carbonate stringers/veinlets are common along this trend and a 1.0m wide quartz vein was encountered. However, the vein could only be traced for 2m. Albitite dykes occur closer to Star Mountain.

Although quartz veining is evident in this area, no significant veins and no vein sets were encountered.

Several other areas with significant veining or alteration will be discussed below:

D'Arcy Creek:

An extensive area of listwanite alteration and quartz carbonate stringers is exposed in the D'Arcy Creek drainage. This represents the southernmost exposure of the Cadwallader Shear Zone on the property. Although the environment is similar to South Forks and Two Lakes - Star Mountain, the amount of veining and quartz float exposed is much less. Minor galena and chalcopyrite were observed from quartz-carbonate veining on the Goof claim.

Prospector's Peak:

This area of quartz veining hosted by silicified argillite, was explored by several pits probably in the 1930's. A trail leads up to the area probably from the McGillivray Creek Trail. The lower part of the trail is overgrown.

The quartz veins are white, massive bull quartz trending 160° with steep dips. Another vein set trends 120°/30S. The veins are generally 0.5m to 1.5m wide but one 6m wide section was observed. Minor galena was noted. Further north, smaller, (<30cm), wide quartz veins carry minor ± pyrite ± galena ± sphalerite. The veins trend northeast and northwest and appear to be fracture controlled.

Malachite Trench:

This old trench, probably dating to the late 1960's, early 1970's, is located northwest of Anderson Lake near the largest exposure of Tertiary volcanic rocks. The trench exposes a shear

zone trending 18°/85E hosted by calcareous, silicified argillite. Malachite, azurite and chalcopyrite mineralization occur within the shear. Although the shear has significant strike extent, the mineralization cannot be traced along it.

Diorite Adit:

A shear hosted north-northwest trending ribbonned, quartz vein is hosted by a phyllite roof pendant within Bralorne Diorite. The phyllite is locally silicified, and altered to talc and mariposite. Ultramafic rocks occur proximal to the adit.

X-Cal 21:

The northwest corner of X-Cal 21 and the neighboring Axe claims to the north are underlain by a metamorphosed volcanic/sedimentary package (Bridge River Group?) intruded by a Tertiary granodiorite pluton (Bendor Pluton). Listwanite altered ultramafic rocks are exposed along a northwest trending fault zone that appears to be a splay off a northnortheast trending fault which extends on to X-Cal 21.

GEOCHEMISTRY: Figure 4

Procedure:

A total of 1,097 rock samples 468 soil samples, 97 silt samples and 13 pan samples were collected from the property. Only those samples collected from the property were included in assessment costs. Most samples were sent to Eco-Tech Labs, Kamloops, B.C. and analyzed for Au, Hg and Al,Sb,As,Ba,Be,Bi,Cd, Ca,Cr,Co,Cu,Fe,Ga,La,Pb,Mg,Mo,Ni,P,Mn,K,Sc,Ag,Na,Sr,Ti,W,U,V and Zn. A limited number of samples were sent to Chemex Labs in North Vancouver. Au was analyzed by fire assay with an atomic absorption finish. Some samples in the Silicon Cirque area were screened for metallics and fire assayed for Au. Hg was analyzed by atomic absorption. The remainder of the elements were analysed using a 30 element ICP package which involves a nitric-aqua regia digestion. Lab procedures are outlined in Appendix II.

The rock samples primarily consisted of chip samples across quartz veins, stringers zones and alteration zones. Grab samples were collected from areas of float or limited subcrop.

Soils were generally collected from the B horizon and sent to the lab in Waterproof Kraft bags.

Pan samples were sieved to -10 mesh in the field, panned to concentrate the heavy minerals and sent to the lab in plastic bags. Silt samples were collected if there was insufficient material for panning and were sent to the lab in waterproof Kraft bags. An attempt was made to dry the soil and silt samples before sending them to the lab.

Results and Interpretation:

1) Silicon Cirque (Figure 5)

Results from Silicon Cirque and the nearby Archibald vein were disappointing. Only two Au values greater than 250 ppb were obtained from almost 100 samples collected from the veins. The two anomalous samples of 490 ppb Au and 380 ppb Au were obtained from the Snow vein (Sample Nos. 24395, 24396). Values up to >200 ppm Ag, 5526 ppm As, 4048 ppm Sb, 2.6 ppm Hg and 4793 ppm Cu were obtained from tetrahedrite rich sections of the veins, (Sample Nos: 24183, 24184, 24393); galena and sphalerite rich sections carried up to 99.0 g/t Ag with 1-2% Pb, Zn, (Sample No. 24160).

A few of the veins within the Big Orange Zone carried anomalous W, up to 1210 ppm, (Sample No. 24189, 24200).

Two soil samples from the Big Red and Dufer listwanite altered zones ran 590 ppb and 180 ppb Au respectively, (Samples Nos. 24191, 24197). Quartz stringers and veins in the vicinity were not anomalous in gold.

A Au/Pb association, which is typical of the Bralorne veins, was not evident in the Silicon Cirque veins.

2) South Forks:
Captain's Grid and area (Figures 7A - 7E)

The result of the soil survey is difficult to interpret due to discontinuous zones of thick overburden.

A small cluster of >50 ppb Au values, up to 150 ppb Au is located north of the baseline between L52E and L54E. A spot 200 ppb Au anomaly occurs at L57E/21 + 25N.

There is a cluster of four Ag values from 3.7 to 77.1 ppm at the north ends of L58E and L59E. There is no outcrop in this area. These constitute all of the Ag values greater than 2.0 ppm over the entire grid.

As and Zn anomalies show a close relationship to each other but not to other elements. This may reflect the greater mobility of these elements particularly in this poorly developed soil environment. There is no Pb/Ag nor Sb/Ag correlations. Hg values are low, (<500 ppm).

The soil anomalies generally do not correspond to anomalies from rock samples. However, the spot 200 ppb Au soil anomaly does occur downslope from a 310 ppb Au value from an eight cm wide quartz vein hosted by metamorphosed volcanic tuff, (Sample No. 73974). A 120 ppb Au soil value is located downslope from a trench with 140 ppb Au in soil and 14.7 ppm Ag in rock. The Ag is contained within rusty quartz stringers with pyrrhotite and trace chalcopyrite hosted by a feldspar porphyry dyke, (Sample No. 32090). The only anomalous Cu in soil value greater than 100 ppm occurs downslope from this trench, (109 ppm).

Follow up of 1987 soil anomalies was not successful. Soil samples from pits at the 1987 sites were not anomalous. Rusty quartz float uncovered at the previous 620 ppb Au anomaly does not contain gold. The 1800 ppb Au anomaly from 1987 appears to be due to overbank spillage from South Forks Creek. Anomalous values from the creek may be glacial in origin as there is a thick till sequence in this valley. Gold also seems to have been concentrated within pools and swampy sections (placer effect), of the South Forks Creek.

The most significant results from the grid were obtained from quartz float. A value of 1.02 g/t Au, with 3.5 ppm Ag and 1846 ppm As, was obtained from pyritic quartz float with minor chalcopyrite at 53+35E/18+10N, (Sample No. 31679). Unmineralized quartz float at 54+30E/18+30N contained 825 ppb Au with 3.4 ppm Ag, (Sample No. 31678). Both of the above samples occur along a 070° trending aerial lineament. However, neither of the two possible lineaments are outlined by the soil survey.

Only one occurrence of ribbon quartz was noted in the South Forks area just east of the Captain's Grid. The sample, (No. 73906), contained 12.09 g/t Au with 146.6 g/t Ag and 216 ppm Pb but was collected from several pieces of float measuring no more than 5 cm in width. The host rock appeared to be chloritic Pioneer Fm pyroclastic rocks.

Immediately south of the grid a sample of pyritic quartz float ran 1.15 g/t Au, 6.7 g/t Ag, (Sample No. 31681), and quartz float with tetrahedrite, malachite and azurite contained 49.1 g/t Ag with 3.0 g/t Hg, 4712 ppm Cu, 733 ppm Pb, 2209 ppm Sb and 839 ppm Zn, (Sample No. 31680). At the headwaters of the South Fork, the arsenopyrite bearing footwall of one of several 30 cm wide sulfide bearing veins ran 1.5 g/t Au.

It appears that local north to northwest trending narrow quartz veins with occasional sulfides contain extremely local concentrations of anomalous Au and/or Ag. In the precious metal rich sample 73906, Au and Ag must be tied up as a telluride. Gold-silver tellurides are not evident in any other location on the property.

The South Fork Vein (Figure 8) carries values up to 220 ppb Au across 60 cm (Sample No. 73880), 2.2 ppm Ag across 100 cm, (Sample No. 73885) with up to 140 ppm As, (Sample No. 73885).

The Switchback Vein, (Fig 9) is virtually devoid of precious metals as is the possible southern extent of this vein and other veins in the vicinity. Arsenic values up to 270 ppm, (Sample No. 73833), are associated with shear zones proximal to the vein.

The Gold Hill East showing is also lacking in Au. A 60 ppb Au value was obtained from a silt sample below the adits, (Sample No. T73571). However, sampling of the adits and area did not reveal a source for this anomaly. Silver values of >200 g/t are associated with small, local galena rich sections of the veins in this area.

Although the Gold Hill West adit could not be located, blocks of quartz from the area were not anomalous. A value of 0.12 oz/ton Au was reported from this showing in 1932.

3) Two Lakes - Star Mountain

The precious metal signature from this area was extremely poor. Significant As, Sb, ± Hg values are associated with the listwanite zones. Pan and silt samples from the region returned anomalous As and Sb values reflecting the above association. Attempts to trace a previous 17,000 ppb Au heavy mineral anomaly were unsuccessful. Current pan samples from the area were not anomalous in Au.

The only precious metal anomaly from the area is 1.55 g/t Au from one of several 20 cm veins related to a feldspar porphyry dyke, south of Star Mountain, (Sample No. 24282).

The listwanite zone and quartz-carbonate veins from the D'Arcy Creek drainage were not anomalous. Furthermore, previous sampling returned much lower pan concentrate anomalies from this area than from the previous areas described. A poor response was also obtained from a previous soil survey in the area.

The veins and fault zone through Prospector's Peak returned maximum Au values of 45 ppb. Galena rich sections of the veins carried up to 61.9 ppm Ag with 0.6% Pb.

The Malachite Trench carries values of up to 44.8 ppm Ag associated with several percent Cu. Unfortunately mineralization is restricted to a narrow shear zone. Au values are at the background level.

The Diorite adit area is completely lacking in precious metal, base metal and trace element anomalies.

Soil samples, from the vicinity of a previous 34,000 ppb heavy mineral anomaly on X-Cal 21 near the AXE claims, returned anomalous Au values. One value of >1,000 ppb Au, with two values of 100 to 200 ppb Au were obtained at the 5500' contour level near the creek. Follow up of the anomaly revealed a 520 ppb Au soil anomaly. There is outcrop exposed in the area but rock samples were not anomalous. The anomaly appears to be related to a northerly trending fault zone marked by listwanite altered ultramafic rocks, with corresponding Hg values up to >1,000 ppb. The soil anomaly appears to be an isolated and restricted occurrence. It occurs along the creek below a waterfall. Gold may have concentrated in this location from above.

GEOPHYSICS:

Procedure:

A VLF-EM survey was carried out on the Captain's Grid using a Crone Radem unit, model 97. Readings were taken using the Hawaii station at 25m intervals on lines spaced 100m apart over a 1.0km x 0.7km grid. Null readings were taken with the instrument facing southerly. Interim readings were taken in the vicinity of in-phase crossovers.

Reconnaissance VLF-EM readings were used to trace a 140° trending listwanite zone/feldspar porphyry dyke with associated veining in the Two Lakes - Star Claim Area, using the same unit. Annapolis and Hawaii stations were employed and in-phase crossovers were noted with instrument facing southerly.

Results and Interpretation:

The reconnaissance survey in the Two Lakes - Star Claim area indicated a sharp termination in the listwanite zone just past the area of known exposure. The listwanite zone follows the contact between a serpentinized ultramafic unit and a feldspar porphyry dyke. Quartz veining was noted within this alteration zone which led to the initial staking of the Star claim. It appears that the dyke is cut off by a 040° trending fault zone. Soil and silt sampling did not detect any anomalous precious metal values near this fault intersection.

The survey on the Captain's Grid was of limited value due to topographic noise and discontinuous zones of deep overburden. The electromagnetic response on the lower lines (ie. L59E, L60E) was shielded by swampy areas and pools of water near the South Forks Creek. However a weak conductor appears to exist between the two lineaments from L50E possibly through to L53E. Another weak conductor seems to be evident at the north end of the grid, (23N), from L51E to L54E, at which point it may continue north of the grid.

This latter conductor corresponds to a small zone of anomalous Au soil geochemistry. A zone of anomalous Ag soil geochemistry may correlate with the extension of the conductor off the grid. It appears that the conductor may represent a weak shear zone with discontinuous quartz veining similar in mineralogy to Silicon Cirque, (tetrahedrite), with associated Ag but low Au values.

CONCLUSIONS AND RECOMMENDATIONS:

The most interesting areas on the property are: 1) Silicon Cirque, 2) South Forks and 3) Two-Lakes - Star Mountain.

1) Silicon Cirque

Silicon Cirque bears a striking resemblance to the geological environment at Bralorne: Similarities include: a) Bralorne Diorite host with proximal ultramafic rocks and albitite dykes, b) the presence of a shallow conjugate vein system, c) presence of tetrahedrite, galena and sphalerite in the veins and pyrrhotite and chalcopyrite in or proximal to some veins, d) presence of listwanite alteration and e) existence of As, Sb, Hg, W, Cu, Pb, Zn, trace element anomalies. (However a Au/Pb association, noted at Bralorne, is not evident here).

Unfortunately the veins lack Au. This may be due to the following reasons:

a) lack of typical Bralorne ribbon texture in veins indicating absence of multiple stages in vein formation.

b) lack of violent late stage faulting evident at Pioneer

c) absence of soda granite and limited size and number of albitite dykes.

d) high level of the Silicon Cirque veins compared to Bralorne.

The high level of veining is evidenced by the presence of tetrahedrite, open space filling of the veins and high As, Sb and Hg trace element geochemistry.

Topographically, the Silicon Cirque veins are exposed at a 5500' to 7400' elevation. Bralorne has an elevation of 4,000' and Pioneer 4500'. Major block faulting is not evident between these areas. At Bralorne, the Silicon Cirque style of veins only contain signigicant gold at depth, (>1500'). If gold is present in the Silicon Cirque environment it would probably occur at depths greater than 2500'. The topography and morphology of the veins would necessitate even deeper drill holes to test this possibility.

Based on the remote chance of intersecting Au mineralization at this depth and the probability that mineralization, at this depth, would not be economic, further work in this area is not warranted.

2) South Forks:

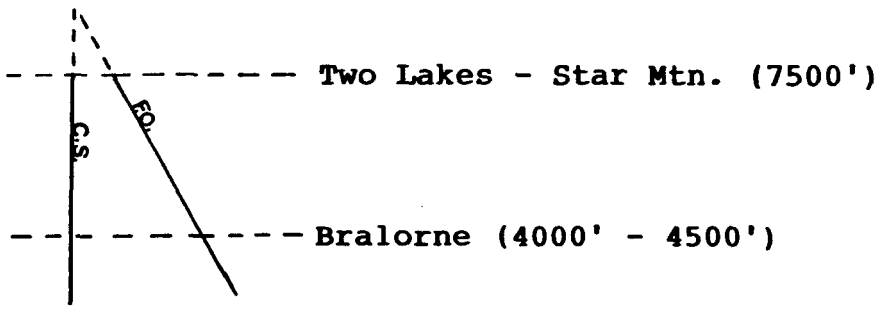
The best Au results on the property were obtained from the vicinity of the Captain's Grid in the South Forks area. Four samples of quartz veins carry greater than 1.0 g/t Au, ±Ag. However, the values are restricted to narrow widths and are

extremely localized. Present and previous soil sampling confirms the irregular nature of mineralization. Heavy mineral anomalies appear to be due to concentration of the above discontinuous zones of Au mineralization.

At this time no further work is recommended as it is doubtful that the veins observed could reach economic size or grades. However, much of the area is covered by overburden and further trenching of the anomalies may provide additional information on size and number of veins and distribution of mineralization.

3) Two Lakes - Star Mtn.

At this location on the property the Cadwallader Shear and Ferguson Overthrust Structures are in the closest proximity to each other. This means that this area lies the closest to the intersection of the two faults.



This environment occurs at a much higher level of exposure along the faults than at Bralorne. It is possible that the alteration and veining observed in this area is peripheral to Bralorne type mineralization at depth (> 3,000'). Anomalous As, Sb, ±Hg are associated with zones of listwanite alteration in the area. However, precious metal anomalies are lacking and no major veins or vein sets are evident.

Due to the absence of a viable target in this area and the probable excessive depth to mineralization if it exists, no further work is recommended here.

Unfortunately, the two major structures diverge to the south and a similar environment at a lower level of exposure along the faults does not occur on the property.

In conclusion, despite the striking similarity to the Bralorne Gold Camp, it appears that 'Motherlode' style high grade gold veins are either absent or exist at uneconomic depths. Consequently, no further work is recommended at this time and the property will revert to X-Cal Resources Ltd.

APPENDIX I

SELECTED REFERENCES

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APPENDIX II

GEOCHEMICAL PROCEDURE

ECO-TECH LABORATORIES LTD.
ASSAYING · ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 6J3 (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 3J0 (604) 573-5700 Fax 573-4557

5. Beryllium

Digestion	Finish
Hot aqua regia	Atomic Absorption

6. Bismuth

Digestion	Finish
Hot aqua regia	Atomic Absorption

7. Chromium

Digestion	Finish
Sodium Peroxide Fusion	Atomic Absorption

8. Fluorine

Digestion	Finish
Lithium Metaborate Fusion	Ion Selective Electrode

9. Mercury

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

10. Phosphorus

Digestion	Finish
Lithium Metaborate Fusion	I.C.P. finish

11. Selenium

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

12. Tellurium

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

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

13. Tin

Digestion	Finish
Ammonium Iodide Fusion	Hydride generation - A.A.S.

14. Tungsten

Digestion	Finish
Potassium Bisulphate Fusion	Colorimetric or I.C.P.

15. Gold

Digestion	Finish
Fire Assay Preconcentration followed by Aqua Regia	Atomic Absorption

16. Platinum, Palladium, Rhodium

Digestion	Finish
Fire Assay Preconcentration followed by Aqua Regia	Graphite Furnace - A.A.S.

17. Uranium

Digestion	Finish
Hot HCl	Fluorometric

18. Thorium

Digestion	Finish
Hot Aqua Regia	I C P

JJ3/1

APPENDIX III

GEOCHEMICAL RESULTS

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE. NORTH VANCOUVER
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: TECK EXPLORATION LTD.

960 - 175 2ND AVE
KAMLOOPS, BC
V2C 5W1

Project : P 1166
Comments: ATTN: FRED IMLEY CC: JEAN PAUTLER

Page No. : 1-A
Tot. Pages: 1
Date : 13-JUL-89
Invoice # : I-8920023
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8920023

SAMPLE DESCRIPTION	PREP CODE		Au ppb RUSH	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
AL89-T26CL	201	238	5	0.01	< 0.2	< 5	< 10	< 0.5	< 2	> 15.00	< 0.5	3	10	54	0.05	< 10	< 1	< 0.01	< 10	0.16	10
AL89-T003	201	238	10	0.30	< 0.2	15	90	< 0.5	< 2	> 15.00	< 0.5	8	84	10	0.64	< 10	< 1	0.01	< 10	1.12	260
AL89-T004	201	238	< 5	0.33	< 0.2	15	80	< 0.5	< 2	> 15.00	< 0.5	9	93	11	0.72	< 10	< 1	0.01	< 10	1.10	280

CERTIFICATION : B. Cardinal

Chemex Labs Ltd.
Analytical Chemists • Geochemists • Registered Assayers
212 BROOKSBANK AVE. NORTH VANCOUVER
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: TECK EXPLORATION LTD.
960 - 175 2ND AVE
KAMLOOPS, BC
V2C 5W1
Project : P 1166
Comments: ATTN: FRED DAILEY CC: JEAN PAUTLER

Page No. : 1-B
Tot. Pages: 1
Date : 13-JUL-89
Invoice # : I-8920023
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8920023

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
AL89-T26CL	201	238	< 1	0.01	20	30	< 2	< 5	1	< 100	< 0.01	< 10	< 10	1	< 10	8
AL89H-T003	201	238	< 1	0.01	205	430	4	< 5	2	700	0.01	< 10	< 10	7	< 10	36
AL89H-T004	201	238	< 1	0.01	207	400	2	< 5	2	600	0.01	< 10	< 10	8	< 10	36

CERTIFICATION : B. Caplin

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE. NORTH VANCOUVER
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: TECK EXPLORATION LTD.
960 - 175 2ND AVE.
KAMLOOPS BC
V2C 5W1
Project : P 1166
Comments: ATTN: FRED DALEY CC: JEAN PAUTLER

Date : 13-JUL-89
Invoice # : I-8920024
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8920024

SAMPLE DESCRIPTION	PREP CODE		Au ppb RUSH	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
73776	255	238	< 5	1.38	0.2	< 5	20	< 0.5	< 2	0.87	< 0.5	56	1570	27	3.19	< 10	< 1	< 0.01	< 10	9.89	650
73777	255	238	< 5	0.41	0.2	5	70	< 0.5	< 2	0.39	< 0.5	99	1285	18	4.83	< 10	< 1	< 0.01	< 10	14.15	425
73778	255	238	< 5	0.04	< 0.2	< 5	10	< 0.5	< 2	6.39	< 0.5	20	498	7	1.51	< 10	< 1	< 0.01	< 10	7.43	265
73779	255	238	< 5	0.25	< 0.2	10	200	< 0.5	< 2	0.34	< 0.5	6	364	33	2.12	< 10	< 1	0.04	< 10	0.41	380
73780	255	238	< 5	1.08	< 0.2	5	70	< 0.5	< 2	0.09	< 0.5	14	463	28	2.85	< 10	< 1	0.09	< 10	1.19	400
73781	255	238	< 5	0.06	< 0.2	15	10	< 0.5	< 2	0.06	< 0.5	5	358	3	0.65	< 10	< 1	< 0.01	< 10	0.03	145
73782	255	238	< 5	0.06	< 0.2	5	10	< 0.5	< 2	2.57	< 0.5	3	328	2	0.68	< 10	< 1	< 0.01	< 10	1.55	140
73783	255	238	< 5	1.53	< 0.2	< 5	20	< 0.5	< 2	4.43	< 0.5	18	234	37	2.27	< 10	< 1	0.01	< 10	1.16	595
73784	255	238	< 5	0.20	< 0.2	15	120	< 0.5	< 2	0.10	< 0.5	3	349	8	3.27	< 10	< 1	0.07	20	0.03	55
73785	255	238	< 5	0.63	0.6	15	360	< 0.5	< 2	0.06	< 0.5	5	97	16	10.95	10	< 1	0.33	90	0.14	85
73786	255	238	< 5	0.22	0.8	< 5	90	< 0.5	< 2	0.05	< 0.5	3	66	14	0.94	10	< 1	0.07	150	0.02	25
73787	255	238	< 5	0.85	< 0.2	5	90	< 0.5	< 2	0.02	< 0.5	8	191	78	2.10	< 10	< 1	0.16	10	0.58	145
73791	255	238	< 5	0.53	< 0.2	5	60	< 0.5	4	1.44	< 0.5	8	240	29	1.87	< 10	< 1	0.13	< 10	0.59	410
73792	255	238	< 5	0.02	0.2	< 5	< 10	< 0.5	8	0.04	< 0.5	2	186	6	0.32	< 10	< 1	< 0.01	< 10	0.01	45
73793	255	238	< 5	0.03	< 0.2	< 5	10	< 0.5	< 2	0.95	< 0.5	2	293	3	0.33	< 10	< 1	< 0.01	< 10	0.01	120
73794	255	238	< 5	0.72	< 0.2	5	120	< 0.5	< 2	0.95	< 0.5	7	220	57	1.32	< 10	< 1	0.22	10	0.50	315
73795	255	238	< 5	1.23	< 0.2	10	90	< 0.5	< 2	0.20	< 0.5	8	200	34	1.77	< 10	< 1	0.10	10	1.43	270
73796	255	238	< 5	1.34	< 0.2	15	260	0.5	< 2	0.06	< 0.5	18	193	22	3.97	< 10	< 1	0.49	< 10	0.92	705
73797	255	238	< 5	0.50	< 0.2	< 5	10	< 0.5	< 2	0.03	< 0.5	99	1785	18	4.91	< 10	< 1	< 0.01	< 10	>15.00	340
73798	255	238	< 5	0.54	< 0.2	5	< 10	0.5	< 2	8.87	< 0.5	21	109	28	4.71	< 10	< 1	< 0.01	< 10	3.42	800
73799	255	238	< 5	2.62	< 0.2	5	< 10	0.5	< 2	1.92	< 0.5	30	62	31	4.70	< 10	< 1	< 0.01	< 10	2.21	525
73800	255	238	< 5	4.22	< 0.2	10	< 10	< 0.5	< 2	1.18	< 0.5	48	175	47	3.25	< 10	< 1	0.01	< 10	3.98	470

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.
Analytical Chemists • Geochemists • Registered Assayers
212 BROOKSBANK AVE. NORTH VANCOUVER
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: TECK EXPLORATION LTD
960 - 175 2ND AVE
KAMLOOPS BC
V2C 5W1
Project: P 1366
Comments: ATTN FRED IMEPY CC: JEAN PAUTLER

Date: 13-JUL-89
Invoice # I-8920024
P O # NONE

CERTIFICATE OF ANALYSIS A8920024

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
73776	255 238	< 1	< 0.01	1125	160	6	< 5	6	27	0.02	< 10	< 10	33	< 10	34
73777	255 238	< 1	< 0.01	1665	30	< 2	< 5	7	14	< 0.01	< 10	< 10	26	< 10	40
73778	255 238	< 1	0.01	299	30	< 2	< 5	2	160	< 0.01	< 10	< 10	7	10	12
73779	255 238	3	0.02	53	100	16	< 5	3	8	< 0.01	< 10	< 10	10	< 10	32
73780	255 238	< 1	0.04	133	240	4	< 5	8	5	0.01	< 10	< 10	60	< 10	50
73781	255 238	1	< 0.01	44	< 10	< 2	< 5	< 1	2	< 0.01	< 10	< 10	3	< 10	10
73782	255 238	< 1	0.01	16	< 10	< 2	< 5	< 1	82	< 0.01	< 10	< 10	5	< 10	8
73783	255 238	< 1	0.02	23	310	< 2	< 5	4	114	0.38	< 10	< 10	52	< 10	42
73784	255 238	7	0.06	7	440	2	< 5	< 1	8	< 0.01	< 10	< 10	2	< 10	104
73785	255 238	15	0.05	6	600	12	< 5	1	39	0.02	< 10	< 10	5	< 10	76
73786	255 238	79	0.12	3	180	18	< 5	< 1	12	0.01	< 10	< 10	1	< 10	22
73787	255 238	2	0.01	28	150	10	< 5	1	3	< 0.01	< 10	< 10	10	< 10	52
73791	255 238	< 1	0.01	17	280	10	< 5	1	76	< 0.01	< 10	< 10	7	< 10	32
73792	255 238	< 1	< 0.01	8	20	6	< 5	< 1	3	< 0.01	< 10	< 10	< 1	< 10	8
73793	255 238	< 1	< 0.01	7	30	10	< 5	< 1	61	< 0.01	< 10	< 10	1	< 10	4
73794	255 238	2	0.01	23	130	8	< 5	1	23	0.04	< 10	< 10	10	< 10	42
73795	255 238	1	0.02	30	280	6	< 5	3	9	0.03	< 10	< 10	29	< 10	56
73796	255 238	< 1	0.05	40	230	6	< 5	16	13	0.09	< 10	< 10	88	< 10	72
73797	255 238	< 1	< 0.01	1645	30	< 2	< 5	9	1	< 0.01	< 10	< 10	31	< 10	44
73798	255 238	< 1	0.01	42	140	2	< 5	22	67	< 0.01	< 10	< 10	97	< 10	44
73799	255 238	< 1	0.04	32	680	< 2	5	13	28	0.57	< 10	< 10	148	< 10	48
73800	255 238	< 1	0.02	135	< 10	< 2	< 5	8	19	0.02	< 10	< 10	25	< 10	36

CERTIFICATION : B. Caplin

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: TECK EXPLORATION LTD.

960 - 175 2ND AVE.
KAMLOOPS, BC
V2C 5W1

Project: P-1166

Comments: ATTN: FRED DALEY CC: JEAN PAUTLER

Date : 20-JUL-89
Invoice # : I-8920283
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8920283

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
73788	205 238	< 5	2.95	1.4	< 5	10	< 0.5	2	6.92	0.5	20	88	1430	1.84	< 10	< 1	0.04	< 10	2.27	395
73789	205 238	< 5	4.02	1.6	15	< 10	< 0.5	2	0.96	< 0.5	47	599	5520	3.29	< 10	< 1	< 0.01	< 10	4.85	390
73790	205 238	< 5	2.50	2.4	< 5	< 10	< 0.5	< 2	0.91	< 0.5	26	326	>10000	2.75	< 10	2	< 0.01	< 10	2.65	200
AL-89-TA-01	205 238	< 5	2.97	0.2	10	< 10	< 0.5	< 2	0.78	< 0.5	81	62	337	7.28	10	1	< 0.01	< 10	2.44	610
AL-89-TA-02	205 238	< 5	0.48	0.2	< 5	< 10	< 0.5	2	>15.00	< 0.5	9	50	13	0.46	< 10	< 1	< 0.01	< 10	0.55	330
AL-89-TA-03	205 238	< 5	0.48	0.2	5	< 10	< 0.5	2	>15.00	< 0.5	7	112	52	0.52	< 10	< 1	< 0.01	< 10	0.62	415
AL-89-TA-04	205 238	< 5	0.18	< 0.2	< 5	< 10	< 0.5	< 2	4.11	< 0.5	4	106	82	0.32	< 10	< 1	< 0.01	< 10	0.21	125
AL-89-TA-05	205 238	< 5	1.22	< 0.2	< 5	< 10	< 0.5	2	12.85	< 0.5	12	159	7	0.89	< 10	< 1	< 0.01	< 10	1.42	375
AL-89-TA-06	205 238	< 5	1.79	0.4	20	< 10	< 0.5	< 2	5.37	< 0.5	39	88	84	5.26	10	< 1	< 0.01	< 10	3.36	835

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
112 BROOKSBANK AVE. NORTH VANCOUVER
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: TECK EXPLORATION LTD.
960 - 175 2ND AVE.
KAMLOOPS, BC
V2C 5W1
Project: P 1366
Comments: ATTN: FRED DALEY CC: JEAN PAUTLER

Date : 20-JUL-89
Invoice # : I-8920283
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8920283

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
73788	205 238	< 1	< 0.01	53	70	< 2	< 5	6	45	0.05	< 10	< 10	27	< 10	52
73789	205 238	< 1	< 0.01	400	20	< 2	< 5	3	19	0.08	< 10	< 10	24	< 10	108
73790	205 238	< 1	< 0.01	159	< 200	2	< 5	2	22	0.06	< 10	< 10	15	< 10	128
AL-89-TA-01	205 238	< 1	0.02	78	< 10	< 2	< 5	4	7	0.52	< 10	< 10	366	< 10	54
AL-89-TA-02	205 238	< 1	< 0.01	22	20	2	< 5	4	72	< 0.01	< 10	< 10	11	< 10	28
AL-89-TA-03	205 238	< 1	< 0.01	22	30	2	< 5	5	82	0.01	< 10	< 10	11	< 10	6
AL-89-TA-04	205 238	< 1	0.01	5	50	6	< 5	1	19	0.02	< 10	< 10	5	< 10	8
AL-89-TA-05	205 238	< 1	0.01	28	20	6	< 5	5	61	0.01	< 10	< 10	17	< 10	8
AL-89-TA-06	205 238	< 1	0.01	33	100	< 2	< 5	27	65	0.35	< 10	< 10	201	< 10	58

CERTIFICATION : B. Campbell

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

JULY 6, 1989

CERTIFICATE OF ANALYSIS ETK 89-315

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 96 ROCK samples received June 19, 1989
PROJECT: 1366
SHIPMENT NO.: 1

ET#	Description	AU (ppb)	HG (ppb)
315 - 1	73801	50	30
315 - 2	73802	<5	40
315 - 3	73803	<5	10
315 - 4	73804	<5	30
315 - 5	73805	50	15
315 - 6	73806	5	20
315 - 7	73807	10	15
315 - 8	73808	<5	65
315 - 9	73809	<5	80
315 - 10	73810	10	25
315 - 11	73811	<5	15
315 - 12	73812	<5	520
315 - 13	73813	75	20
315 - 14	73814	<5	15
315 - 15	73816	<5	20
315 - 16	73817	<5	55
315 - 17	73818	<5	65
315 - 18	73819	<5	55
315 - 19	73820	<5	20
315 - 20	73821	5	45
315 - 21	73822	<5	35
315 - 22	73823	5	60
315 - 23	73824	<5	45
315 - 24	73825	<5	85
315 - 25	73826	<5	20
315 - 26	73827	<5	20
315 - 27	73828	<5	35
315 - 28	73829	<5	35
315 - 29	73701	<5	15
315 - 30	73702	<5	20

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

K EXPLORATIONS LTD. JULY 6, 1989

ET#	Description	AU (ppb)	HG (ppb)
315 - 31	73703	<5	10
315 - 32	73704	5	720
315 - 33	73705	20	15
315 - 34	73706	10	10
315 - 35	73707	35	20
315 - 36	73708	<5	<5
315 - 37	73709	<5	20
315 - 38	73710	<5	5
315 - 39	73502	<5	15
315 - 40	73503	5	10
315 - 41	73504	<5	5
315 - 42	73505	<5	10
315 - 43	73506	5	5
315 - 44	73507	<5	10
315 - 45	73508	<5	5
315 - 46	73509	<5	15
315 - 47	73510	5	15
315 - 48	73511	<5	45
315 - 49	73512	<5	<5
315 - 50	73513	5	<5
315 - 51	73514	<5	<5
315 - 52	73515	<5	15
315 - 53	73830	5	<5
315 - 54	73831	<5	5
315 - 55	73832	5	85
315 - 56	73833	10	215
315 - 57	73834	10	30
315 - 58	73835	<5	25
315 - 59	73836	<5	20
315 - 60	73837	10	15
315 - 61	73838	5	140
315 - 62	73839	5	25
315 - 63	73840	10	45
315 - 64	73841	15	50
315 - 65	73601	5	10
315 - 66	73602	<5	15
315 - 67	73603	10	40
315 - 68	73604	<5	20
315 - 69	73605	<5	25
315 - 70	73606	<5	30
315 - 71	73607	<5	5
315 - 72	73608	<5	35
315 - 73	73609	<5	10
315 - 74	73610	<5	30
315 - 75	73611	<5	45

ECO-TECH LABORATORIES LTD.

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

TECK EXPLORATIONS LTD. JULY 6, 1989

ET#	Description	AU (ppb)	HG (ppb)
315 - 7[illegible]	73612	<5	75
315 - 7[illegible]	73613	<5	35
315 - 7[illegible]	73614	<5	40
315 - 7[illegible]	73615	<5	25
315 - 8	73616	<5	30
315 - 8[illegible]	73617	<5	40
315 - 8[illegible]	73618	<5	235
315 - 8[illegible]	73619	<5	60
315 - 8[illegible]	73620	<5	30
315 - 8[illegible]	73621	<5	20
315 - 8[illegible]	73622	<5	115
315 - 8[illegible]	73623	<5	45
315 - 8[illegible]	73624	<5	40
315 - 8[illegible]	73625	<5	<5
315 - 9[illegible]	73626	<5	<5
315 - 9[illegible]	73627	<5	<5
315 - 9[illegible]	73628	<5	30
315 - 9[illegible]	73629	<5	20
315 - 9[illegible]	73630	<5	5
315 - 9[illegible]	73631	<5	<5
315 - 9[illegible]	73632	<5	5

NOTE: < = Less than

Douglas Howard
ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

CC: J. PATTERSON
SC89/TEC-1

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

JULY 13, 1989

TECK EXPLORATIONS LTD. - ETK89-315A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
96 ROCK SAMPLES RECEIVED JUNE 19, 1989

PAGE 1

ETKO	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
315 - 1	73801	.4	.04	15	8	50	<5	.02	<1	2	349	19	.51	.01	<10	<.01	59	31	.04	5	30	10	2	<20	2	<.01	10	3	<10	<1	11
315 - 2	73802	1.0	.35	55	8	65	<5	.17	2	9	107	79	2.75	.09	<10	.02	492	77	.03	5	600	06	5	<20	9	<.01	10	5	<10	5	115
315 - 3	73803	2.0	.05	40	8	5	<5	.01	1	2	219	13	.75	.01	<10	<.01	44	39	.02	3	40	110	<5	<20	1	<.01	10	2	<10	<1	45
315 - 4	73804	<.2	.02	10	6	10	<5	<.01	<1	2	300	12	.41	.01	<10	<.01	42	22	.03	5	40	8	<5	<20	1	<.01	30	2	<10	<1	7
315 - 5	73805	.6	.06	35	8	5	<5	.02	1	5	300	11	.66	.01	<10	<.01	122	30	.05	6	50	12	<5	<20	2	<.01	10	3	<10	1	15
315 - 6	73806	<.2	1.10	10	10	70	<5	.51	<1	17	81	60	2.43	.08	<10	1.14	451	34	.02	17	750	4	10	20	29	.08	30	34	<10	6	73
315 - 7	73807	<.2	.02	5	8	5	<5	.12	1	3	229	5	.79	.01	<10	.01	189	21	.04	5	40	2	<5	<20	2	<.01	10	2	<10	1	6
315 - 8	73808	.6	.20	5	<2	30	<5	6.67	1	21	22	17	4.20	.08	<10	1.25	870	6	.03	21	390	8	10	<20	193	<.01	20	8	<10	5	47
315 - 9	73809	.9	.10	10	4	15	<5	.01	1	4	207	25	2	.04	<10	<.01	52	25	.02	9	43	14	5	<20	4	<.01	<10	3	<10	1	8
315 - 10	73810	.7	.04	15	6	5	5	.02	1	2	264	10	.82	.02	<10	<.01	83	31	.03	7	35	16	5	<20	2	<.01	<10	2	<10	1	8
315 - 11	73811	.2	1.41	5	4	50	<5	.39	1	8	48	24	3.24	.07	<10	1.02	494	8	.04	12	866	4	10	<20	19	.07	<10	21	<10	3	80
315 - 12	73812	1.2	.43	25	12	10	<5	2.48	118	12	100	560	8.11	.04	<10	.55	2265	230	.03	14	714	4	23	<20	43	<.01	<10	45	500	5	>10000
315 - 13	73813	1.1	1.56	15	17	25	<5	3.51	4	16	90	256	5.93	.08	<10	1.4	644	311	.02	24	>10000	12	15	<20	59	<.01	<10	25	10	10	640
315 - 14	73814	.1	.01	10	9	<5	<5	.02	1	<1	251	6	.42	<.01	<10	<.01	51	30	.03	6	61	2	4	<20	1	<.01	<10	2	<10	<1	97
315 - 15	73816	.3	.08	30	8	15	<5	.02	1	3	236	4	1.63	.01	<10	.02	620	23	.06	15	167	6	6	<20	2	<.01	<10	4	<10	2	58
315 - 16	73817	.2	.45	45	7	10	<5	5.27	2	18	140	12	4.04	.05	<10	1.65	973	12	.02	48	639	4	13	<20	111	<.01	<10	25	<10	4	50
315 - 17	73818	.5	.17	115	8	15	<5	4.67	4	66	473	13	4.41	<.01	<10	11.26	933	10	.02	1130	81	2	21	<20	170	<.01	<10	14	<10	2	23
315 - 18	73819	.3	.09	15	4	15	<5	8.16	<1	3	101	8	.56	.01	<10	.12	577	16	.05	22	77	8	4	7	527	<.01	<10	4	<10	2	7
315 - 19	73820	.1	.17	20	5	50	<5	.08	1	1	116	4	.37	.07	<10	.05	159	9	.04	17	127	8	4	<20	7	<.01	<10	2	<10	2	47
315 - 20	73821	.6	1.39	115	11	55	<5	1.60	3	42	233	77	5.13	.11	<10	1.33	974	14	.03	181	952	10	19	<20	36	.02	20	8	<10	5	84
315 - 21	73822	.4	.51	70	11	50	<5	2.65	3	33	186	54	4.01	.07	<10	.62	743	17	.03	134	331	2	11	<20	39	<.01	<10	21	<10	4	55
315 - 22	73823	.3	.25	55	10	45	<5	2.07	2	25	214	48	3.21	.08	<10	.26	673	19	.03	120	175	2	9	<20	27	<.01	<10	13	<10	4	59
315 - 23	73824	.3	.19	65	8	55	<5	4.03	2	32	101	50	3.7	.09	<10	.21	703	10	.03	139	160	2	13	<20	30	<.01	<10	11	<10	5	38
315 - 24	73825	.5	1.00	140	13	70	<5	5.38	4	61	112	97	6.02	.13	<10	1.45	1304	11	.02	259	724	6	26	<20	72	.01	<10	41	<10	8	116
315 - 25	73826	.1	.12	25	10	20	<5	.46	1	10	232	16	1.38	.04	<10	.07	269	21	.03	51	55	2	6	<20	4	<.01	<10	7	<10	2	15
315 - 26	73827	<.2	.05	25	9	15	<5	.07	1	3	240	8	.62	.01	<10	.03	163	22	.03	18	31	6	4	<20	2	<.01	<10	4	<10	1	18

ECO-TECH LABORATORIES LTD. TECK EXPLORATIONS LTD. - ETK89-315A

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
315 - 27	73828	.6	1.02	120	8	80	<5	7.94	4	42	114	58	5.49	.25	<10	2.23	1118	4	.04	154	640	2	10	<20	249	.04	20	66	<10	6	70
315 - 28	73829	.6	.26	55	4	65	<5	8.31	2	41	81	83	5.06	.09	<10	.24	1095	9	.04	101	200	2	5	<20	50	<.01	10	13	<10	6	58
315 - 29	73701	3.2	.04	5	12	<5	10	.09	<1	2	208	6	.57	.01	<10	.02	130	24	.04	6	30	30	<5	<20	2	<.01	10	2	<10	<1	10
315 - 30	73702	44.0	.10	<5	6	20	45	.45	2	2	142	24	1.26	.04	<10	.04	212	27	.03	7	120	1250	5	<20	16	<.01	20	2	<10	2	53
315 - 31	73703	.8	.78	25	<2	25	<5	2.68	1	7	83	45	2.24	.05	<10	.56	824	10	.05	15	370	12	5	<20	152	<.01	10	18	<10	4	182
315 - 32	73704	1.8	1.34	25	6	5	<5	3.53	101	15	86	472	7.09	.02	<10	1.02	4704	40	.04	10	610	4	15	<20	58	.01	30	217	730	5	>10000
315 - 33	73705	2.0	.03	40	4	<5	<5	.03	2	<1	222	8	.01	<.01	<10	<.01	71	37	.04	5	60	54	<5	<20	2	<.01	20	3	<10	<1	250
315 - 34	73706	.8	.14	35	14	20	<5	1.47	1	9	186	42	1.74	.03	<10	.10	452	27	.04	16	530	18	<5	20	33	<.01	20	6	<10	2	71
315 - 35	73707	1.4	.41	5	8	20	<5	4.70	2	5	88	39	2.84	.05	<10	.52	588	44	.06	6	670	36	5	<20	190	<.01	10	11	<10	3	163
315 - 36	73708	.4	.01	5	12	<5	<5	.03	<1	<1	212	3	.29	<.01	<10	<.01	42	19	.03	5	<10	2	<5	<20	1	<.01	20	1	<10	<1	22
315 - 37	73709	.2	.33	10	6	15	<5	.07	<1	2	184	17	2.35	.03	<10	.14	86	23	.05	4	320	2	<5	20	10	<.01	10	9	<10	2	33
315 - 38	73710	.4	.52	45	8	35	<5	1.07	2	12	55	101	3.71	.06	<10	.23	623	181	.06	5	990	6	5	<20	20	<.01	30	9	<10	6	131
315 - 39	73502	.2	2.07	10	2	5	<5	.20	<1	12	180	65	3.25	.01	<10	2.78	278	6	.04	39	50	4	10	<20	4	.05	10	40	<10	1	28
315 - 40	73503	.2	.11	5	4	5	5	.25	<1	2	177	8	.31	<.01	<10	.09	78	17	.04	13	<10	2	<5	<20	4	<.01	20	2	<10	<1	6
315 - 41	73504	.4	.09	10	6	<5	5	13.18	<1	1	44	2	.12	<.01	<10	.12	198	3	.03	5	<10	4	<5	20	290	<.01	20	<1	<10	2	3
315 - 42	73505	<.2	.40	5	8	<5	<5	1.23	<1	5	186	14	.45	<.01	<10	.45	99	16	.04	19	20	2	<5	<20	14	<.01	10	2	<10	<1	4
315 - 43	73506	.2	.30	20	76	<5	<5	.34	1	104	500	87	4.40	<.01	<10	7.63	479	7	.03	2021	70	4	15	20	1	<.01	20	19	<10	<1	17
315 - 44	73507	.6	.28	10	20	25	<5	.67	<1	13	210	115	1.03	.01	<10	2.31	376	6	.05	233	300	2	<5	<20	13	.14	10	16	<10	4	30
315 - 45	73508	.4	.95	10	<2	<5	<5	.46	1	11	57	221	3.42	.01	<10	.87	182	3	.05	14	440	2	5	40	5	.33	20	61	<10	2	24
315 - 46	73509	.2	2.19	15	4	<5	<5	.92	<1	32	282	195	2.77	<.01	<10	2.04	137	4	.09	218	240	2	10	<20	40	.03	20	49	<10	1	21
315 - 47	73510	.2	.64	<5	<2	5	<5	.54	<1	2	139	85	.24	<.01	<10	.18	33	14	.07	9	30	4	5	<20	20	<.01	<10	1	<10	<1	1
315 - 48	73511	.4	.45	5	4	20	<5	3.17	1	7	53	76	3.03	.03	<10	.63	403	64	.06	3	700	4	5	<20	107	<.01	<10	5	<10	5	72
315 - 49	73512	.2	.02	25	2	10	<5	.03	1	1	179	5	.34	<.01	<10	.01	34	19	.04	4	30	2	<5	<20	2	<.01	<10	1	<10	<1	3
315 - 50	73513	.2	.08	10	2	10	<5	.12	1	5	141	55	1.70	.03	<10	.01	168	80	.04	3	250	6	5	<20	9	<.01	<10	2	<10	2	26
315 - 51	73514	1.0	.12	165	2	15	<5	.11	5	6	175	64	2.12	.03	<10	.02	191	107	.03	4	300	12	<5	<20	13	<.01	<10	2	<10	3	29
315 - 52	73515	4.8	.06	45	8	5	<5	.18	2	2	158	8	.71	.01	<10	.04	120	39	.04	3	30	146	5	<20	3	<.01	<10	1	<10	1	29
315 - 53	73830	.2	.09	20	<2	10	<5	.48	1	4	162	15	.73	.01	<10	.02	143	16	.04	14	20	2	<5	<20	5	<.01	<10	3	<10	1	6
315 - 54	73831	<.2	.03	10	<2	5	<5	.10	<1	2	160	7	.40	.01	<10	.01	71	14	.04	9	10	2	<5	<20	1	<.01	<10	2	<10	<1	9
315 - 55	73832	.2	1.52	25	2	65	<5	8.33	1	53	303	79	5.40	.04	<10	1.50	1059	8	.04	224	1060	4	15	<20	67	<.01	10	119	<10	13	63
315 - 56	73833	.4	.68	270	<2	90	<5	.91	7	64	126	90	7.32	.07	10	.56	1682	9	.04	306	800	24	15	<20	62	<.01	<10	52	<10	18	105
315 - 57	73834	.2	.11	20	4	10	<5	.10	1	6	195	13	.97	.01	<10	.07	172	17	.02	19	170	2	<5	<20	5	<.01	<10	4	<10	1	7
315 - 58	73835	<.2	.06	10	<2	10	<5	.01	1	4	157	12	.62	.01	<10	.02	142	15	.03	15	30	6	<5	<20	1	<.01	<10	3	<10	<1	2
315 - 59	73836	<.2	.04	5	<2	5	<5	.02	<1	2	197	6	.38	.01	<10	.02	65	17	.04	9	20	8	<5	<20	1	<.01	<10	3	<10	1	3
315 - 60	73837	<.2	.10	20	6	25	<5	2.14	1	8	122	4	1.83	.02	<10	.16	429	12	.04	15	2220	10	5	<20	65	<.01	20	4	<10	7	12
315 - 61	73838	.4	.45	120	<2	115	<5	.12	4	54	112	168	7.09	.10	<10	.17	1713	16	.04	209	960	8	10	<20	11	.01	10	22	<10	15	90
315 - 62	73839	<.2	.17	20	<2	25	<5	.06	1	11	170	26	1.92	.02	<10	.11	406	16	.04	40	80	6	<5	<20	3	.02	<10	7	<10	3	16
315 - 63	73840	1.2	.16	110	<2	65	<5	.03	3	46	127	37	6.64	.05	<10	.06	1788	20	.04	169	100	20	15	<20	3	<.01	20	14	<10	12	69

ECO-TECH LABORATORIES LTD. TECK EXPLORATIONS LTD. - ETK89-315A

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
315 - 64	73601	.2	.12	55	<2	40	<5	.04	2	18	88	19	4.93	.02	<10	.04	1309	12	.07	89	70	8	10	<20	4	<.01	10	12	<10	11	41
315 - 65	73601	.6	1.11	25	<2	5	<5	6.17	1	11	75	652	1.04	.05	<10	1.31	239	5	.06	54	580	2	<5	<20	19	<.01	20	8	<10	2	7
315 - 66	73602	<.2	.49	5	<2	5	<5	.31	1	6	222	25	.52	.02	<10	.62	181	12	.05	23	100	<2	5	<20	2	<.01	10	7	<10	1	1
315 - 67	73603	.2	2.11	10	<2	<5	<5	.78	1	20	200	41	1.69	<.01	<10	2.60	362	7	.04	84	20	2	5	<20	2	<.01	20	42	<10	2	11
315 - 68	73604	.6	1.50	20	<2	<5	<5	.05	1	15	475	149	1.39	.01	<10	1.86	164	10	.04	76	140	2	5	<20	1	<.01	30	25	<10	1	10
315 - 69	73605	.2	.77	<5	<2	5	<5	.08	<1	16	103	7	.49	.03	<10	.83	128	6	.05	37	10	2	<5	<20	3	<.01	10	6	<10	<1	1
315 - 70	73606	.2	.35	<5	<2	<5	<5	.42	1	1	154	79	.48	.01	<10	.45	133	11	.04	9	70	<2	<5	<20	1	<.01	10	4	<10	1	<1
315 - 71	73607	.2	1.85	5	<2	5	<5	.52	1	16	36	29	4.51	.01	<10	1.22	495	4	.05	3	450	2	10	<20	9	.14	30	93	<10	3	27
315 - 72	73608	<.2	1.58	20	<2	<5	<5	9.58	1	16	373	29	1.83	.02	<10	1.92	402	2	.06	91	20	2	<5	<20	21	<.01	10	28	<10	3	4
315 - 73	73609	.2	.42	<5	<2	<5	<5	4.20	<1	3	137	9	.34	.01	<10	.43	177	7	.05	14	10	2	<5	<20	13	<.01	10	4	<10	1	19
315 - 74	73610	.2	.76	<5	<2	<5	<5	.90	<1	9	58	32	2.07	<.01	<10	.21	101	3	.04	4	230	2	5	<20	7	.22	30	35	<10	2	6
315 - 75	73611	.4	1.33	<5	<2	<5	<5	.52	1	11	33	37	3.59	.01	<10	.92	316	2	.05	2	450	2	10	<20	4	.22	10	86	<10	3	22
315 - 76	73612	.2	.58	<5	<2	10	<5	.60	<1	7	123	18	.45	.01	<10	.26	155	8	.05	27	30	2	<5	<20	12	.02	30	7	<10	1	1
315 - 77	73613	<.2	.90	<5	<2	5	<5	.83	<1	8	84	30	.46	<.01	<10	.69	88	4	.04	33	30	2	<5	<20	20	.02	20	7	<10	<1	3
315 - 78	73614	<.2	1.89	10	<2	<5	<5	1.32	<1	17	235	41	1.18	<.01	<10	2.19	185	5	.06	71	30	2	5	<20	9	.02	30	20	<10	1	6
315 - 79	73615	.2	1.90	15	<2	<5	<5	8.82	1	18	213	125	1.20	.01	<10	2.42	337	3	.04	73	120	4	10	<20	22	.02	<10	20	<10	2	5
315 - 80	73616	.2	1.53	5	<2	<5	<5	1.94	<1	22	170	123	1.18	<.01	<10	1.94	191	4	.04	75	110	2	10	<20	11	.03	20	12	<10	1	6
315 - 81	73617	.2	.96	5	<2	<5	<5	9.92	<1	11	151	56	.74	<.01	<10	1.25	274	6	.03	30	30	2	5	<20	17	.01	30	15	<10	1	1
315 - 82	73618	.2	.92	15	<2	<5	<5	10.47	<1	12	172	90	.79	.01	<10	1.27	382	8	.04	32	110	2	<5	<20	24	.01	20	18	<10	4	1
315 - 83	73619	1.2	2.32	5	<2	145	<5	.46	1	22	110	116	8.67	.43	<10	1.85	630	6	.05	11	650	46	20	<20	19	.55	20	200	10	8	583
315 - 84	73620	.2	3.79	30	6	645	<5	.85	1	47	223	30	6.55	1.22	<10	2.69	621	5	.07	119	1450	4	20	<20	14	.35	10	192	<10	8	106
315 - 85	73621	.2	1.24	5	2	5	<5	.80	1	12	117	226	.85	.01	<10	1.18	100	3	.05	71	110	2	5	<20	13	.02	<10	10	<10	1	12
315 - 86	73622	.2	1.77	15	<2	15	<5	.48	1	19	110	144	1.53	.01	<10	2.26	146	6	.04	114	50	4	10	<20	16	.01	<10	5	<10	<1	14
315 - 87	73623	.2	.29	15	4	5	5	>15.00	1	3	13	7	.28	.01	<10	.44	810	<1	.04	11	<10	4	<5	<20	122	<.01	<10	6	<10	7	1
315 - 88	73624	<.2	3.74	25	4	5	<5	6.53	1	25	152	35	1.97	.01	<10	3.94	335	1	.12	75	<10	2	15	<20	29	<.01	<10	46	<10	2	20
315 - 89	73625	.4	3.99	30	2	5	<5	9.84	1	16	326	56	1.23	.03	<10	2.25	209	3	.23	76	<10	2	15	<20	82	.01	20	30	<10	2	12
315 - 90	73626	14.2	2.41	15	<2	<5	<5	8.58	1	22	266	53	1.63	<.01	<10	2.99	520	3	.05	115	20	6	10	<20	22	<.01	10	30	<10	3	17
315 - 91	73627	13.6	.82	190	<2	15	<5	9.28	5	14	200	4	2.27	.06	<10	2.61	1726	11	.04	182	440	22	5	<20	377	<.01	30	18	<10	8	20
315 - 92	73628	2.8	.21	15	<2	30	<5	2.85	2	5	105	29	2.02	.08	<10	.51	481	62	.06	9	370	56	<5	<20	104	<.01	10	8	<10	6	72
315 - 93	73629	1.8	.24	420	<2	30	<5	.26	11	6	134	46	2.56	.03	<10	.04	725	47	.05	4	470	52	<5	<20	12	<.01	<10	4	<10	6	104
315 - 94	73630	1.6	.07	25	<2	10	<5	.37	1	2	185	12	.86	.09	<10	.01	117	29	.04	4	70	10	<5	<20	15	<.01	10	1	<10	1	20
315 - 95	73631	.4	.25	15	<2	20	<5	2.34	1	7	95	37	2.57	.05	<10	.06	348	97	.05	5	600	6	<5	<20	42	<.01	10	2	<10	8	66
315 - 96	73632	.6	.12	25	<2	15	<5	.95	2	4	160	23	1.15	.04	<10	.09	224	36	.04	3	290	10	<5	<20	27	<.01	<10	1	<10	4	58

NOTE: < = LESS THAN

FAX: TECK, KAMLOOPS
ECO/TECK1

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

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

JUNE 30, 1989

CERTIFICATE OF ANALYSIS ETK 89-316

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 2 SOIL samples received June 19, 1989
PROJECT: 1366
SHIPMENT NO.: 1

ETK	Description	AU (ppb)	HG (ppb)
316 - 1	73501	<5	5
316 - 2	73815	15	95

NOTE: < = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

CC: J. PAULER
5089/TECH 1

ECO-TECH LABORATORIES LTD.

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

JULY 15, 1989

TECK EXPLORATIONS LTD. - ETK89-316A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
2 SOIL SAMPLES RECEIVED JUNE 19, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN	Mo	Hg
316 -	1 73501	<.2	2.78	75	<2	40	<5	.47	2	45	304	218	2.34	.04	<10	2.55	420	1	.04	220	190	2	5	<20	10	.02	<10	45	<10	6	35	<5	5
316 -	2 573815	.8	3.00	50	<2	40	<5	.10	2	11	50	30	3.99	.02	<10	.80	466	3	.04	34	950	8	5	<20	7	.02	<10	35	<10	3	92	15	95

NOTE: < = LESS THAN

FAX: TECK, KAMLOOPS
SC89/TECK1

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

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

JULY 6, 1989

CERTIFICATE OF ANALYSIS ETK 89-336

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 1 SOIL sample received June 20, 1989
PROJECT: 1366
SHIPMENT NO.: 2

ET#	Description	AU (ppb)	HG (ppb)
336 -	1 73641	30	35

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DOUG HOWARD
B.C. Certified Assayer

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C/O PEMBERTON HELICOPTERS
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PEMBERTON, B.C.
FAX
SC89/TECK1

JUL 11 1989

ECO-TECH LABORATORIES LTD.

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

JULY 15, 1989

TECK EXPLORATIONS LTD. - ETK89-336A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
1 SOIL SAMPLE RECEIVED JUNE 20, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
336 -	73641	.6	.61	200	8	20	<5	.35	1	27	1763	54	1.41	<.01	<10	1.11	292	5	.06	364	90	4	5	<20	10	<.01	<10	130	<10	7	23

NOTE: < = LESS THAN

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DOUG HOWARD
B.C. CERTIFIED ASSAYER

FAX: TECK, KAMLOOPS
CC: TECK EXPL.

SC89/TECK1

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

JUNE 30, 1989

CERTIFICATE OF ANALYSIS ETK 89-337

TECK EXPLORATIONS LTD.
#30, 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 15 ROCK sample received June 20, 1989
PROJECT: 1366
SHIPMENT NO.: 2

ET#	Description	AU (ppb)	HG (ppb)
337 - 1	73516	5	20
337 - 2	73517	5	20
337 - 3	73518	5	20
337 - 4	73519	5	20
337 - 5	73520	100	15
337 - 6	73521	5	15
337 - 7	73522	5	20
337 - 8	73633	5	10
337 - 9	73634	5	20
337 - 10	73635	5	25
337 - 11	73636	10	15
337 - 12	73637	5	18
337 - 13	73638	5	10
337 - 14	73639	5	20
337 - 15	73640	5	10

NOTE: < = less than

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

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579
PEMBERTON, B.C.
FAX
SC89/TECK1

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

JULY 15, 1989

TECK EXPLORATIONS LTD. - ETK89-337A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BAILEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
15 ROCK SAMPLES RECEIVED JUNE 20, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
337 - 1	73516	.8	2.58	20	8	100	<5	.61	1	20	101	77	5.17	.15	<10	1.07	787	8	.07	47	1200	4	20	<20	18	.10	10	234	10	8	157
337 - 2	73517	.4	.04	10	8	20	<5	.09	<1	3	372	17	.45	.01	<10	.03	131	17	.06	11	50	2	<5	<20	6	<.01	<10	5	<10	1	8
337 - 3	73518	.8	.08	5	8	80	<5	.15	<1	4	420	19	.86	.03	<10	.03	790	34	.06	16	120	12	5	<20	9	<.01	<10	12	<10	1	26
337 - 4	73519	1.4	.83	15	8	150	<5	.25	1	13	176	88	3.99	.08	<10	.49	1619	15	.07	19	480	10	10	<20	15	.01	10	68	<10	5	107
337 - 5	73520	.6	.52	20	8	30	<5	>15.	1	7	110	10	1.10	.01	<10	.43	712	8	.05	9	110	4	5	<20	1353	.06	<10	130	<10	6	19
337 - 6	73521	.2	.01	10	2	5	<5	.04	<1	3	282	5	.40	<.01	<10	.02	77	18	.04	9	10	2	<5	<20	7	<.01	20	7	<10	1	2
337 - 7	73522	.6	.03	5	<2	10	<5	.05	<1	3	240	7	.52	.01	<10	.03	123	23	.06	11	60	2	<5	<20	20	<.01	20	12	<10	1	4
337 - 8	73633	.4	.73	10	<2	40	<5	.70	<1	9	177	16	1.70	.03	<10	.60	560	10	.07	14	370	12	<5	<20	20	.05	10	74	<10	4	31
337 - 9	73634	.4	.00	5	<2	45	<5	1.32	<1	8	164	11	1.31	.10	<10	1.07	386	14	.06	55	220	4	5	<20	23	.06	20	52	<10	4	34
337 - 10	73635	.8	1.46	15	<2	180	<5	3.27	1	17	110	35	4.17	.18	<10	1.13	1206	11	.06	48	430	8	15	20	92	.07	30	167	<10	9	110
337 - 11	73636	.8	.44	55	<2	110	<5	.25	1	47	122	39	2.72	.07	<10	.23	1200	13	.07	49	460	8	5	<20	9	.01	20	93	<10	5	48
337 - 12	73637	.4	.34	10	<2	105	<5	.20	<1	8	138	49	1.58	.07	<10	.25	955	8	.06	30	330	4	<5	<20	9	<.01	10	15	<10	3	48
337 - 13	73638	.6	1.01	20	<2	35	<5	>15.	1	9	107	8	1.81	.02	<10	1.06	1005	9	.05	19	150	2	5	<20	977	.02	10	155	<10	7	24
337 - 14	73639	.4	.19	80	<2	1050	<5	1.20	1	23	205	16	.90	.01	<10	.48	1767	15	.06	157	20	12	5	<20	35	<.01	30	49	<10	5	5
337 - 15	73640	.6	.47	5	<2	145	<5	.27	<1	6	102	38	1.36	.18	<10	.42	247	9	.06	22	70	6	5	<20	10	.05	20	28	<10	1	33

Au 1+g
100, 15

NOTE: < = LESS THAN
> = GREATER THAN

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FAX: TECK, KAMLOOPS
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ASSAYING · ENVIRONMENTAL TESTING
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JULY 6, 1989

CERTIFICATE OF ANALYSIS ETK 89-360

ICP TO FOLLOW

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 32 ROCK samples received June 26, 1989
PROJECT: 1366/021

ET#	Description	AU (ppb)	HG (ppb)
360 - 1	73855	<5	<5
360 - 2	73856	10	5
360 - 3	73857	<5	30
360 - 4	73858	45	175
360 - 5	73859	10	<5
360 - 6	73860	20	<5
360 - 7	73861	5	<5
360 - 8	73862	15	<5
360 - 9	73863	30	30
360 - 10	73864	15	90
360 - 11	73865	435	60
360 - 12	73866	840	185
360 - 13	73867	150	330
360 - 14	73868	160	250
360 - 15	73869	15	55
360 - 16	73870	5	70
360 - 17	73871	10	40
360 - 18	73872	25	100
360 - 19	73873	5	40
360 - 20	73874	10	<5
360 - 21	73876	15	5
360 - 22	73877	50	80
360 - 23	73878	40	5
360 - 24	73879	15	45
360 - 25	73880	220	<5
360 - 26	73881	10	<5
360 - 27	73882	5	5
360 - 28	73883	30	120
360 - 29	73884	10	<5
360 - 30	73885	10	<5
360 - 31	73886	15	45

NOTE: < = less than

cc. J. PAUTLER
40 PEMBERTON HELI
BOX 579 PEMBERTON

SC89/TECK1

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.

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

JULY 16, 1989

TECK EXPLORATIONS LTD. - ETK89-360A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
32 ROCK SAMPLES RECEIVED JUNE 26,1989

ETK#	DESCRIPTIONS		AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN	Au ppb
360 A- 1	73855		.4	2.26	15	2	190	<5	.44	<1	25	96	53	5.00	.43	<10	2.19	707	10	.04	89	840	2	10	220	22	.22	20	167	<10	10	103	
360 A- 2	73856		.2	.04	15	4	10	<5	1.81	<1	4	181	24	.95	.02	<10	.53	258	9	.03	14	170	<2	<5	<20	180	<.01	<10	4	<10	2	21	
360 A- 3	73857		.2	.04	15	8	5	<5	1.04	<1	3	213	8	.65	.01	<10	.19	147	19	.03	12	360	<2	<5	<20	57	<.01	<10	3	<10	1	9	<5 175
360 A-, 4	73858		.4	.12	1600	2	55	<5	12.33	<1	49	187	1	4.81	.03	<10	3.03	1648	14	.02	610	80	6	25	<20	600	<.01	10	7	<10	6	46	
360 A- 5	73859		.2	.05	35	2	10	<5	1.45	<1	5	180	15	.93	.01	<10	.36	289	18	.03	18	60	<2	<5	<20	76	<.01	<10	2	<10	1	19	
360 A- 6	73860		.2	.04	25	4	5	<5	1.13	1	4	195	7	.79	.02	<10	.33	204	12	.03	33	10	<2	<5	<20	66	<.01	10	3	<10	1	10	
360 A- 7	73861		.2	.07	25	10	15	<5	.50	1	5	181	10	.90	.02	<10	.05	314	18	.03	36	1060	<2	<5	<20	29	<.01	20	4	<10	4	11	
360 A- 8	73862		.2	.06	45	2	15	<5	.04	1	7	206	10	.96	.03	<10	.01	158	13	.03	53	40	<2	<5	<20	2	<.01	10	3	<10	1	34	
360 A- 9	73863		.6	.09	40	2	15	<5	2.28	1	9	210	20	1.64	.03	<10	.05	370	22	.03	79	110	<2	5	<20	11	<.01	10	3	<10	2	40	
360 A- 10	73864		.2	.02	20	4	5	<5	.21	<1	2	200	5	.51	.01	<10	.01	85	11	.03	6	120	<2	<5	<20	7	<.01	<10	2	<10	<1	8	
360 A- 11	73865		.2	.03	25	<2	<5	<5	.10	1	2	41	6	.45	.01	<10	.01	70	5	.02	5	130	<2	<5	<20	6	<.01	<10	2	<10	1	8	485 60
360 A- 12	73866		2.2	.12	85	<2	25	<5	9.10	3	26	74	337	6.71	.04	<10	2.40	1689	9	.03	92	330	54	10	<20	380	<.01	50	16	<10	8	153	840 180
360 A- 13	73867		.6	.04	10	<2	5	<5	.80	<1	3	138	21	.72	.01	<10	.17	87	16	.02	6	20	2	<5	<20	38	<.01	20	1	<10	<1	19	150 33
360 A- 14	73868		.4	.17	75	<2	25	<5	4.68	2	26	104	78	3.96	.04	<10	1.40	1114	9	.03	75	900	6	5	<20	204	<.01	<10	11	<10	5	50	160 250
360 A- 15	73869		.2	.48	5	<2	50	<5	.10	<1	5	115	16	.98	.23	<10	.32	225	10	.04	12	200	<2	<5	20	3	.04	10	14	<10	1	22	
360 A- 16	73870		.2	.10	5	2	5	<5	.33	<1	3	202	16	.51	.01	<10	.08	80	12	.02	6	30	<2	<5	<20	5	.01	10	8	<10	<1	3	
360 A- 17	73871		.4	1.06	110	<2	15	<5	1.84	3	33	284	4	4.48	.03	<10	1.23	1028	11	.03	129	120	<2	10	<20	13	<.01	20	39	<10	4	36	
360 A- 18	73872		1.0	.79	105	<2	25	<5	.21	3	39	117	89	6.59	.05	<10	.50	1299	6	.03	86	420	4	10	<20	9	.01	10	35	<10	5	68	
360 A- 19	73873		<.2	.07	10	<2	<5	<5	.37	<1	4	163	4	.66	.01	<10	.06	119	16	.03	10	20	<2	<5	<20	1	<.01	20	4	<10	<1	3	
360 A- 20	73874		.4	.14	20	<2	5	<5	.02	<1	5	146	6	1.17	.03	<10	.10	199	13	.03	19	30	<2	<5	<20	1	.01	20	7	<10	1	7	
360 A- 21	73875		.6	1.47	175	4	70	<5	.16	<1	63	174	57	10.05	.06	<10	.96	2204	6	.03	228	310	<2	15	20	10	.02	10	54	<10	14	86	
360 A- 22	73876		.4	.02	15	<2	<5	<5	.01	1	3	4	3	.42	.01	<10	.01	52	<1	.02	3	20	<2	<5	<20	<1	<.01	10	2	<10	<1	3	
360 A- 23	73877		.4	.48	55	2	15	<5	.50	2	21	278	24	3.77	.04	<10	.22	531	19	.03	29	100	<2	5	<20	3	<.01	<10	26	<10	2	18	
360 A- 24	73878		.8	.14	15	4	<5	<5	.02	1	5	283	49	.96	.01	<10	.09	141	12	.03	16	40	<2	<5	<20	1	<.01	10	7	<10	1	6	
360 A- 25	73879		.6	.31	45	2	15	<5	.18	2	15	201	39	3.27	.04	<10	.14	528	10	.03	52	560	<2	5	<20	8	<.01	10	14	<10	4	18	

ECO-TECH LABORATORIES LTD. TECK EXPLORATIONS LTD. - ETK89-360A

PAGE 2

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
360 A- 26	73880	.4	2.53	15	8	5	<5	.29	1	38	544	22	3.05	.01	<10	8.38	526	3	.02	670	210	<2	15	40	6	.05	10	44	<10	8	43
360 A- 27	73881	.4	1.97	10	4	50	<5	.65	2	18	206	56	5.59	.09	<10	1.72	568	13	.04	76	2040	2	15	240	37	.25	<10	122	10	8	126
360 A- 28	73882	1.6	1.92	135	2	65	<5	.13	5	51	47	277	11.62	.08	<10	.96	2397	7	.03	100	690	4	25	<20	9	<.01	20	79	<10	11	98
360 A- 29	73883	.2	.10	15	6	5	<5	.05	1	5	315	11	.96	.02	<10	.05	200	14	.03	18	90	<2	<5	<20	1	<.01	<10	7	<10	1	5
360 A- 30	73884	.2	.10	20	6	5	<5	.03	1	6	288	9	1.05	.01	<10	.06	263	22	.02	16	80	<2	<5	<20	1	<.01	10	6	<10	1	5
360 A- 31	73885	2.2	1.47	140	2	40	<5	1.35	4	45	94	373	9.95	.07	<10	.95	3116	8	.03	56	710	12	15	<20	12	<.01	<10	77	<10	15	87

NOTE: < = LESS THAN

FAX: TECK, KAMLOOPS
SC89/TECK1

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

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JULY 17, 1989

CERTIFICATE OF ANALYSIS ETK 89-301

TEC EXPLORATIONS LTD.
900, 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 33 ROCK samples received June 26, 1989
PROJECT: 3000

ET#	Description	AU (ppb)	HG (ppb)
301 - 1	73642	<5	5
301 - 2	73643	15	5
301 - 3	73644	10	<5
301 - 4	73645	10	5
301 - 5	73646	5	15
301 - 6	73647	10	5
301 - 7	73648	<5	10
301 - 8	73649	10	15
301 - 9	73650	<5	10
301 - 10	73651	15	10
301 - 11	73652	10	10
301 - 12	73653	10	15
301 - 13	73654	10	10
301 - 14	73655	20	<5
301 - 15	73656	10	<5
301 - 16	73657	<5	10
301 - 17	73658	5	5
301 - 18	73659	5	5
301 - 19	73661	5	5
301 - 20	73662	10	5
301 - 21	73663	5	15
301 - 22	73664	10	15
301 - 23	73665	10	5
301 - 24	73666	15	15
301 - 25	73667	5	30
301 - 26	73668	10	25
301 - 27	73669	5	30
301 - 28	73670	10	10
301 - 29	73671	5	15
301 - 30	73672	10	15

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING
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TECH ENVIRONMENTAL LTD.

JULY 27, 1989

...T#	...ription	Au (ppb)	Ag (ppb)
[illegible]	73673	5	20
[illegible]	73674	15	65
[illegible]	73675	15	70

NOTE: [illegible] than

Douglas Howard

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

ASSAY TECH'S

[illegible]

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

JULY 17, 1989

TECK EXPLORATIONS LTD. - ETK89-361A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED DALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
33 ROCK SAMPLES RECEIVED JUNE 26, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
361 A- 1	73642	.2	.14	10	4	15	<5	2.20	<1	3	235	12	.56	.02	<10	.10	161	21	.03	6	50	4	<5	<20	20	.01	10	5	<10	<1	5
361 A- 2	73643	.4	1.24	15	<2	55	<5	.29	1	8	116	35	3.03	.26	<10	.62	1049	<1	.03	28	290	18	<5	60	5	.07	10	28	<10	4	70
361 A- 3	73644	.2	.09	5	6	10	<5	5.97	<1	3	149	18	.42	.02	<10	.05	526	10	.03	3	260	10	<5	<20	89	.02	10	4	<10	2	5
361 A- 4	73645	.2	.11	5	4	5	<5	3.21	<1	3	189	5	.48	.01	<10	.06	278	16	.03	5	90	6	<5	<20	82	<.01	<10	4	<10	2	3
361 A- 5	73646	.4	1.42	20	<2	39	<5	4.01	1	10	129	32	2.65	.03	<10	1.56	972	<1	.03	36	150	14	<5	<20	104	.01	20	36	<10	4	52
361 A- 6	73647	.2	1.91	65	4	20	<5	3.81	2	25	333	35	2.55	.04	<10	2.57	1104	<1	.03	167	310	12	<5	<20	144	.01	10	64	<10	4	40
361 A- 7	73648	.4	.44	20	2	35	<5	.13	1	7	220	34	1.74	.05	<10	.48	688	7	.03	40	320	10	<5	<20	10	<.01	<10	13	<10	2	36
361 A- 8	73649	.2	1.53	55	<2	50	<5	.71	1	10	251	22	2.59	.05	<10	1.77	868	<1	.04	80	290	14	<5	<20	36	.02	<10	60	<10	3	43
361 A- 9	73650	.4	.26	5	2	50	<5	.03	<1	3	155	32	1.60	.13	<10	.18	96	4	.03	16	130	12	<5	<20	19	.01	<10	5	<10	1	51
361 A- 10	73651	.2	.18	5	2	30	<5	.06	<1	3	215	25	.79	.04	<10	.11	514	16	.03	10	170	8	<5	<20	6	<.01	<10	4	<10	1	18
361 A- 11	73652	.2	.07	5	6	45	<5	.05	<1	4	160	16	.97	.04	<10	.02	512	8	.03	19	830	6	<5	<20	3	<.01	<10	6	<10	1	23
361 A- 12	73653	.2	.15	5	2	50	<5	.04	<1	6	171	33	1.26	.06	<10	.04	591	9	.03	21	140	4	<5	<20	5	<.01	10	5	<10	1	36
361 A- 13	73654	.2	.11	5	6	40	<5	.06	<1	4	166	38	1.14	.06	<10	.03	401	8	.03	19	160	26	<5	<20	5	<.01	<10	8	<10	1	35
361 A- 14	73655	<.2	.17	5	8	70	<5	.22	1	12	215	53	1.80	.34	<10	.01	662	11	.04	31	700	8	<5	<20	22	<.01	<10	5	<10	3	45
361 A- 15	73656	.2	1.33	15	<2	55	<5	.98	1	23	86	55	2.80	.08	<10	1.22	279	<1	.06	20	510	6	<5	140	6	.13	80	51	<10	3	15
361 A- 16	73657	<.2	.39	5	2	<5	<5	.13	<1	3	212	8	.61	.08	<10	.17	59	18	.07	12	40	8	<5	20	13	.04	<10	17	<10	<1	10
361 A- 17	73658	.2	2.18	25	4	70	<5	2.05	1	28	210	85	2.46	.17	<10	1.38	151	<1	.10	404	1220	6	<5	60	74	.07	<10	48	<10	7	34
361 A- 18	73659	<.2	1.42	10	2	140	<5	.82	1	2	136	27	1.49	.12	<10	.62	32	3	.17	9	140	4	<5	60	69	.07	<10	59	<10	1	11
361 A- 19	73661	<.2	2.51	20	2	35	<5	.87	1	37	265	201	4.76	1.35	<10	2.38	76	<1	.13	107	1700	8	<5	260	32	.31	<10	295	<10	8	74
361 A- 20	73662	<.2	.69	170	2	10	<5	.12	5	52	500	25	2.11	.02	<10	1.85	245	<1	.03	654	80	4	<5	<20	1	<.01	<10	29	<10	1	7
361 A- 21	73663	<.2	.13	25	4	40	<5	.07	1	8	266	46	1.69	.02	<10	.09	814	14	.04	54	120	4	<5	<20	6	<.01	<10	9	<10	4	9
361 A- 22	73664	<.2	3.62	30	4	5	<5	.73	1	24	11	3	2.99	<.01	<10	9.25	469	<1	.03	266	230	8	<5	<20	3	.01	10	59	<10	3	21
361 A- 23	73665	<.2	.36	165	2	10	<5	1.36	4	65	570	138	3.15	<.01	<10	3.23	573	<1	.03	703	100	4	<5	<20	15	<.01	10	14	<10	1	11
361 A- 24	73666	<.2	1.58	20	4	35	<5	.20	1	25	200	63	2.98	.11	<10	1.77	1004	12	.04	177	290	14	<5	60	8	.08	80	43	<10	17	80
361 A- 25	73667	.2	.48	5	4	30	<5	.40	1	8	183	33	1.88	.18	<10	.56	295	11	.04	35	220	6	<5	40	6	.06	10	12	<10	5	46

ECO-TECH LABORATORIES LTD. TECK EXPLORATIONS LTD. - ETK89-361A

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ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
361 A- 26	73668	<.2	1.86	15	4	290	<5	2.80	1	12	265	30	2.38	.54	<10	.99	424	8	.10	30	290	6	<5	140	92	.18	10	85	<10	3	59
361 A- 27	73669	.2	1.09	10	4	125	<5	.40	<1	8	192	24	2.25	.31	<10	.76	232	5	.08	14	420	4	<5	80	29	.10	<10	71	<10	4	36
361 A- 28	73670	<.2	.18	10	4	20	<5	.07	1	4	335	22	1.04	.03	<10	.12	431	19	.04	32	110	8	<5	<20	2	.01	<10	8	<10	1	16
361 A- 29	73671	.2	.53	5	2	40	<5	.12	<1	9	187	66	2.43	.10	<10	.39	262	9	.04	31	330	8	<5	<20	3	.01	10	14	<10	2	73
361 A- 30	73672	<.2	.27	30	4	45	<5	.05	1	13	324	43	1.46	.06	<10	.17	292	18	.05	77	80	6	<5	<20	2	.02	10	10	<10	2	49
361 A- 31	73673	<.2	.40	60	2	40	<5	1.10	2	8	201	36	1.57	.02	<10	.43	619	10	.05	94	110	4	<5	<20	9	<.01	20	14	<10	2	32
361 A- 32	73674	<.2	.23	5	4	25	<5	.05	<1	5	287	33	1.33	.06	<10	.15	329	16	.04	28	100	4	<5	<20	2	.01	10	8	<10	1	27
361 A- 33	73675	<.2	.16	30	2	10	<5	.07	1	6	255	10	1.69	.02	<10	.09	261	14	.04	22	50	2	<5	<20	2	.01	10	10	<10	1	8

NOTE: < = LESS THAN

FAX: TECK, KAMLOOPS
SC89/TECK1

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-6700 Fax 573-4557

JULY 17, 1989

CERTIFICATE OF ANALYSIS ETK 89-362

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 37 ROCK samples received June 26, 1989
PROJECT: 1366

ET#	Description	AU (ppb)	HG (ppb)
362 - 1	73717	<5	25
362 - 2	73718	<5	<5
362 - 3	73719	5	60
362 - 4	73720	<5	5
362 - 5	73721	<5	65
362 - 6	73722	5	5
362 - 7	73723	5	<5
362 - 8	73724	<5	25
362 - 9	73725	<5	30
362 - 10	73726	100	<5
362 - 11	73727	15	45
362 - 12	73728	240	200
362 - 13	73729	125	210
362 - 14	73730	50	130
362 - 15	73731	70	100
362 - 16	73732	90	65
362 - 17	73733	5	20
362 - 18	73734	55	15
362 - 19	73735	15	15
362 - 20	73736	5	10
362 - 21	73737	10	90
362 - 22	73738	15	550
362 - 23	73739	15	20
362 - 24	73740	40	500
362 - 25	73741	15	30
362 - 26	73742	20	30
362 - 27	73743	<5	10
362 - 28	73744	5	15
362 - 29	73887	<5	15

ECO-TECH LABORATORIES LTD.

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

TECH EXPLORATIONS LTD. JULY 17, 1989

ET#	Description	AU (ppb)	HG (ppb)
3[illegible] - ✓29	73888 South Fork Vn.	5	140
3[illegible] - ✓31	73889	15	30
3[illegible] - ✓32	73890	<5	15
3[illegible] - ✓33	73891	<5	40
3[illegible] - ✓34	73892	30	40
3[illegible] - ✓35	73893	<5	40
3[illegible] - ✓36	73894	<5	80
3[illegible] - ✓37	73895	10	10

NOTE: - less than

ECO TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

SIGNATURE

cc. J.Pautler
c/o Pemberton Hills
Box 570 Pemberton

ECO-TECH LABORATORIES LTD.

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

JULY 16, 1989

TECK EXPLORATIONS LTD. - ETK89-362A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BAILEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
37 ROCK SAMPLES RECEIVED JUNE 26,1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN	Au	Hg
362 A- 1	73717	<.2	1.29	5	<2	5	<5	1.04	<1	9	264	3	.54	<.01	<10	1.15	98	15	.07	40	20	2	5	<20	13	.01	20	4	<10	<1	4		
362 A- 2	73718	.2	.07	<5	2	10	<5	.02	1	5	211	19	1.44	.01	<10	.01	80	19	.06	16	50	4	5	<20	1	<.01	20	3	<10	1	13		
362 A- 3	73719	.2	.03	20	4	5	<5	.01	1	5	394	11	.73	.01	<10	.01	73	30	.04	24	20	10	<5	<20	<1	<.01	20	2	<10	<1	8		
362 A- 4	73720	.8	.01	<5	4	<5	<5	<.01	<1	2	284	14	.36	<.01	<10	<.01	34	26	.04	8	10	2	<5	<20	<1	<.01	10	2	<10	<1	3		
362 A- 5	73721	<.2	.64	10	2	25	<5	.15	1	9	186	5	1.78	.23	<10	.51	299	15	.08	13	330	4	5	80	5	.08	20	42	<10	3	41		
362 A- 6	73722	.2	1.17	5	<2	35	<5	1.72	1	8	201	19	1.60	.02	<10	1.73	814	10	.05	32	150	14	5	20	105	.03	10	22	<10	3	34		
362 A- 7	73723	<.2	.04	5	4	15	<5	.02	<1	2	215	4	.38	.02	<10	.02	81	16	.04	12	10	2	<5	<20	1	<.01	<10	2	<10	<1	2		
362 A- 8	73724	.2	.16	<5	4	50	<5	.25	1	9	224	64	1.54	.02	<10	.03	429	10	.05	29	490	8	<5	<20	9	<.01	30	14	<10	4	30		
362 A- 9	73725	<.2	.12	75	<2	15	<5	2.47	2	9	208	27	1.75	.01	<10	.44	646	19	.05	52	130	6	5	<20	62	<.01	10	8	<10	3	51		
362 A- 10	73726	.2	.25	5	6	50	<5	3.61	1	15	133	51	4.26	.07	<10	.14	1092	15	.05	19	530	6	5	<20	74	<.01	20	5	<10	8	89	100	<5
362 A- 11	73727	<.2	3.11	50	<2	110	<5	4.44	1	50	108	177	7.01	.43	<10	2.45	1513	40	.06	74	1510	10	20	240	75	.23	40	199	<10	14	143	15	45
362 A- 12	73728	.4	.13	55	6	20	<5	4.93	1	13	195	30	2.60	.03	<10	1.57	971	17	.05	44	1040	10	5	<20	225	<.01	10	8	<10	6	53	240	200
362 A- 13	73729	.2	1.20	70	2	55	<5	3.09	1	21	168	44	4.24	.20	<10	1.44	780	14	.05	83	1240	8	15	80	93	.08	20	48	<10	8	88	125	210
362 A- 14	73730	.2	1.21	75	4	50	<5	3.17	3	25	204	45	4.25	.15	<10	1.57	791	15	.04	84	970	12	5	100	104	.09	10	55	<10	7	85		
362 A- 15	73731	.2	.20	70	<2	20	<5	1.94	2	8	198	18	1.64	.05	<10	.59	368	20	.04	62	300	8	<5	<20	80	<.01	20	5	<10	3	50		
362 A- 16	73732	.2	.06	45	<2	10	<5	.18	1	5	295	28	1.02	.02	<10	.02	151	23	.04	24	120	2	<5	<20	7	<.01	10	2	<10	1	18		
362 A- 17	73733	<.2	.07	15	<2	5	<5	.36	<1	4	290	6	.32	.01	<10	.06	91	21	.04	19	10	2	<5	<20	2	<.01	20	3	<10	1	5		
362 A- 18	73734	.4	.56	5	2	20	<5	9.78	1	8	192	11	1.40	.02	<10	.53	1627	17	.04	25	90	32	5	<20	870	<.01	<10	10	<10	9	31		
362 A- 19	73735	.6	2.81	120	2	45	<5	.46	3	52	168	61	9.15	.06	<10	1.99	2952	13	.07	94	1360	8	20	<20	15	<.01	40	134	<10	15	130		
362 A- 20	73736	<.2	.05	5	<2	<5	<5	4.48	<1	1	10	1	.10	<.01	<10	.12	240	2	.03	9	10	4	<5	<20	261	<.01	20	2	<10	1	2		
362 A- 21	73737	.4	.32	<5	2	15	<5	.36	1	6	282	28	1.36	.02	<10	.29	159	25	.05	27	260	2	<5	<20	21	.01	<10	8	<10	3	30		
362 A- 22	73738	.2	.08	<5	2	40	<5	.05	<1	2	215	5	.42	.01	<10	.03	196	19	.04	10	60	2	<5	<20	3	<.01	<10	3	<10	<1	3	15	550
362 A- 23	73739	.2	.03	<5	4	5	<5	.02	<1	2	244	4	.34	<.01	<10	.01	63	21	.04	10	10	<2	<5	<20	1	<.01	<10	2	<10	<1	11	15	20
362 A- 24	73740	1.4	.13	<5	2	20	<5	.09	22	5	223	36	1.09	.02	<10	.07	161	20	.04	26	70	100	<5	<20	3	<.01	<10	5	50	1	2130	40	500
362 A- 25	73741	.4	.11	50	2	35	<5	.41	2	6	295	20	2.14	.05	<10	.05	626	32	.04	44	50	4	<5	<20	4	<.01	<10	7	<10	3	89		

ECO-TECH LABORATORIES LTD. — TECK EXPLORATIONS LTD. - ETK89-362A

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ETK#	DESCRIPTIONS		AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
362 A-	26	73742	.2	.15	5	<2	35	<5	.02	<1	5	220	22	.99	.06	<10	.04	149	23	.05	21	20	10	<5	<20	1	<.01	<10	4	<10	2	41
362 A-	27	73743	<.2	.07	10	4	35	<5	.04	1	3	251	5	.55	.03	<10	.01	478	25	.04	19	390	2	<5	<20	66	<.01	<10	2	<10	3	10
362 A-	28	73744	.4	.14	20	2	80	<5	1.41	1	7	198	24	1.63	.09	<10	.07	686	17	.03	61	210	2	<5	<20	27	<.01	<10	4	<10	7	51
362 A-	29	73887	.2	.09	10	10	5	<5	.79	<1	4	263	7	.93	.01	<10	.02	297	22	.04	10	2630	2	<5	<20	23	<.01	<10	6	<10	4	7
362 A-	30	73888	.8	.44	140	<2	15	<5	.33	5	41	79	38	6.90	.04	<10	.14	1537	10	.10	70	140	6	10	<20	12	<.01	10	25	<10	7	49
362 A-	31	73889	.2	.69	5	2	15	<5	.11	<1	7	286	13	1.39	.02	<10	.73	462	25	.04	81	180	6	<5	<20	4	.01	<10	17	<10	4	19
362 A-	32	73890	.2	.45	15	6	<5	<5	3.71	1	39	739	15	1.70	<.01	<10	3.83	364	4	.04	821	70	4	5	<20	40	<.01	<10	20	<10	2	12
362 A-	33	73891	.2	.36	20	12	10	<5	.04	1	48	790	14	3.11	<.01	<10	5.66	1038	3	.04	1003	70	4	10	<20	3	<.01	<10	23	<10	3	18
362 A-	34	73892	.2	.14	35	2	10	<5	.06	1	8	273	34	1.91	.02	<10	.06	388	25	.05	18	170	<2	<5	<20	4	<.01	20	12	<10	2	22
362 A-	35	73893	<.2	3.86	20	<2	<5	<5	4.43	1	35	114	32	6.12	<.01	<10	3.24	1056	7	.06	52	610	6	20	<20	59	.01	<10	224	<10	5	37
362 A-	36	73894	.6	.80	90	<2	20	<5	.07	3	32	227	78	5.24	.06	<10	.34	995	16	.05	62	260	8	10	<20	4	<.01	10	32	<10	5	29
362 A-	37	73895	.2	.62	45	<2	15	<5	.06	2	24	170	23	3.71	.02	<10	.37	819	15	.05	32	100	2	5	<20	3	<.01	<10	24	<10	2	32

NOTE: < = LESS THAN

FAX: TECK, KAMLOOPS
SC89/TECK1

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

JULY 7, 1989

CERTIFICATE OF ANALYSIS ETK 89-363

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 28 ROCK samples received June 26, 1989
PROJECT: 1366
SHIPMENT NO.: 3

ET#	Description	AU (ppb)	HG (ppb)
363 - 1	73523	5	135
363 - 2	73524	15	120
363 - 3	73525	<5	<5
363 - 4	73526	10	<5
363 - 5	73527	5	5
363 - 6	73528	10	<5
363 - 7	73529	20	<5
363 - 8	73530	10	<5
363 - 9	73531	10	<5
363 - 10	73532	<5	<5
363 - 11	73533	5	<5
363 - 12	73534	5	<5
363 - 13	73535	10	<5
363 - 14	73536	5	<5
363 - 15	73537	10	5
363 - 16	73538	10	220
363 - 17	73539	10	150
363 - 18	73540	10	120
363 - 19	73541	15	<5
363 - 20	73542	15	<5
363 - 21	73543	15	60
363 - 22	73544	15	<5
363 - 23	73545	5	<5
363 - 24	73546	5	70
363 - 25	73547	<5	60
363 - 26	73548	15	105
363 - 27	73549	10	240
363 - 28	73550	10	60

NOTE: < = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

cc. T. Pautler
c/o Okanagan Helicopters
Box 579
PEMBERTON, B.C.
FAX: FRED DALEY

ECO-TECH LABORATORIES LTD.

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

JULY 17, 1989

TECK EXPLORATIONS LTD. - ETK89-363A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED DALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
28 ROCK SAMPLES RECEIVED JUNE 26,1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SW	SR	TI(%)	U	V	W	Y	ZN	Au	Hg
363 A- 1	73522	<.2	.34	5	2	15	<5	.06	<1	2	172	12	1.08	.04	<10	.18	396	7	.04	11	130	12	<5	20	2	.02	<10	15	<10	2	16	5	135
363 A- 2	73524	<.2	.03	<5	10	5	<5	.12	<1	<1	267	6	.41	.01	<10	.02	116	21	.04	6	60	2	<5	<20	1	<.01	<10	3	<10	<1	<1	15	120
363 A- 3	73525	.4	.46	10	6	10	<5	6.02	<1	5	148	15	1.18	.02	<10	.32	603	4	.03	10	210	4	<5	40	75	.05	<10	19	<10	3	17		
363 A- 4	73526	.2	.13	5	8	5	<5	1.85	1	2	232	7	.56	.02	<10	.08	259	18	.04	7	160	2	<5	<20	24	.01	20	7	<10	1	6		
363 A- 5	73527	.2	.03	<5	10	<5	<5	1.18	<1	1	232	7	.39	.01	<10	.01	115	10	.04	5	190	4	<5	<20	16	.01	<10	2	<10	1	<1		
363 A- 6	73528	.2	.56	15	2	15	<5	14.08	1	6	74	8	1.47	.03	<10	.38	670	2	.04	7	170	10	<5	20	486	.02	10	24	<10	4	22		
363 A- 7	73529	.4	.14	5	14	5	<5	.79	1	4	185	10	.59	<.01	<10	.07	145	9	.03	8	240	2	<5	<20	10	.01	20	7	<10	3	10		
363 A- 8	73530	.2	.18	<5	8	10	<5	.17	<1	1	175	8	.62	.02	<10	.10	194	8	.04	7	450	2	<5	<20	3	.01	10	8	<10	3	11		
363 A- 9	73531	.2	.39	10	8	20	<5	7.78	<1	3	135	2	.78	.01	<10	.24	492	9	.04	7	90	4	<5	40	174	.04	10	19	<10	3	10		
363 A- 10	73532	.2	.04	<5	4	10	<5	.08	<1	1	213	10	.44	.01	<10	.02	142	11	.03	8	30	4	<5	<20	3	<.01	20	2	<10	<1	5		
363 A- 11	73533	.4	.27	5	4	40	<5	.07	<1	3	136	36	1.40	.07	<10	.18	439	12	.03	21	160	8	<5	<20	7	.01	20	7	<10	1	33		
363 A- 12	73534	.2	.08	5	4	20	<5	.03	<1	1	214	14	.59	.03	<10	.04	120	10	.03	9	100	6	<5	<20	4	<.01	20	3	<10	<1	9		
363 A- 13	73535	.2	.51	5	4	40	<5	.06	<1	2	174	13	1.49	.09	<10	.42	136	10	.03	14	220	6	<5	20	2	.02	10	7	<10	3	35		
363 A- 14	73536	.2	.37	5	2	25	<5	1.35	<1	4	243	3	.64	.02	<10	.45	151	11	.04	16	50	2	<5	<20	9	.01	10	13	<10	<1	3		
363 A- 15	73537	.2	.63	10	6	80	<5	.09	<1	9	127	63	1.45	.04	<10	.51	418	8	.04	29	260	6	<5	20	2	.03	10	13	<10	4	50		
363 A- 16	73538	.2	.22	15	4	10	<5	2.06	1	2	187	20	.88	.02	<10	.21	235	9	.04	4	60	4	<5	<20	17	.01	10	8	<10	2	5	10	220
363 A- 17	73539	.4	.10	5	6	<5	<5	.75	<1	1	226	6	.44	.01	<10	.09	77	19	.04	5	30	2	<5	<20	9	<.01	10	5	<10	1	1	10	150
363 A- 18	73540	.2	.27	10	4	<5	<5	1.73	<1	2	174	5	.67	<.01	<10	.29	118	8	.04	11	170	4	<5	<20	24	<.01	10	13	<10	1	3	10	120
363 A- 19	73541	.2	.07	5	4	<5	<5	3.90	<1	1	198	3	.31	<.01	<10	.10	123	16	.04	8	10	2	<5	<20	42	<.01	20	3	<10	1	<1		
363 A- 20	73542	.4	.96	10	4	165	<5	.06	<1	4	98	40	1.60	.20	<10	.82	270	3	.03	10	230	4	<5	20	7	.03	<10	15	<10	3	47		

ECO-TECH LABORATORIES LTD. TECK EXPLORATIONS LTD. - ETK89-363A

PAGE 2

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN		
363 A- 21	73543	.3	1.24	15	2	140	<5	6.57	<1	1	171	9	.71	.05	<10	.14	900	13	.09	7	210	8	<5	<20	166	.01	<10	13	<10	3	10		
363 A- 22	73544	.2	.96	5	2	335	<5	.24	<1	10	130	33	1.51	.48	<10	.71	369	9	.05	22	290	2	<5	<20	15	.09	20	40	<10	3	51		
363 A- 23	73545	.4	3.15	25	4	265	<5	1.48	1	21	149	86	3.80	.75	<10	1.64	303	11	.18	42	540	2	10	20	143	.20	10	157	<10	4	74		
363 A- 24	73546	<.2	.72	10	2	90	<5	8.34	<1	6	112	10	.94	.12	<10	.28	613	7	.08	9	240	2	<5	<20	298	.04	<10	23	<10	3	15		
363 A- 25	73547	.2	.55	5	<2	20	<5	.61	<1	3	192	7	.58	.05	<10	.11	128	19	.08	7	150	<2	<5	<20	46	.01	10	10	<10	1	7		
363 A- 26	73548	.2	.09	20	2	15	<5	.19	1	5	154	16	.75	.03	<10	.05	330	13	.04	20	440	8	<5	<20	7	<.01	20	4	<10	2	12	15	105
363 A- 27	73549	.4	2.78	225	4	65	<5	.50	7	99	554	112	6.62	.06	<10	2.47	1956	28	.02	807	650	12	10	<20	15	<.01	10	118	<10	8	189	10	240
363 A- 28	73550	<.2	.40	45	<2	15	<5	.11	1	6	201	5	.30	.01	<10	.48	359	12	.03	34	110	6	<5	<20	5	<.01	10	16	<10	2	12	10	60

NOTE: < = LESS THAN

FAX: TECK, KAMLOOPS
SC89/TECK1

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

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

JULY 17, 1989

CERTIFICATE OF ANALYSIS ETK 89-394

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 123 ROCK samples received July 4, 1989
PROJECT: 1366 SHIPMENT #4

ET#	Description	AU (ppb)	HG (ppb)
394 - 1	73562 - MAC.	15	10
394 - 2	73567	10	215
394 - 3	73568	10	15
394 - 4	73569	15	10
394 - 5	73572	20	15
394 - 6	73573	20	20
394 - 7	73574	15	10
394 - 8	73575	<5	5
394 - 9	73576	20	210
394 - 10	73577	10	15
394 - 11	73578	20	35
394 - 12	73579	10	60
394 - 13	73580	10	80
394 - 14	73581	15	40
394 - 15	73582	15	20
394 - 16	73583	20	30
394 - 17	73585	15	15
394 - 18	73586	10	5
394 - 19	73587	20	65
394 - 20	73588	10	50
394 - 21	73589	10	15
394 - 22	73590	15	35
394 - 23	73591	10	<5
394 - 24	73592	5	15
394 - 25	73593	10	35
394 - 26	73594	15	5
394 - 27	73595	5	10
394 - 28	73596	<5	70
394 - 29	73597	10	130
394 - 30	73598	5	35

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TECK EXPLORATIONS LTD. JULY 17, 1989

ET#	Description	AU (ppb)	HG (ppb)
391 - 31	73600	<5	10
391 - 32	73690	5	5
391 - 33	73691	<5	5
391 - 34	73692 E ridge	<5	10
391 - 35	73693	<5	50
391 - 36	73694	<5	30
391 - 37	73759	5	30
391 - 38	73760	<5	10
391 - 39	73761	20	15
391 - 40	73762	10	30
391 - 41	73763 Prosp Pk	10	20
391 - 42	73764	20	5
391 - 43	73765	10	30
391 - 44	73766	30	<5
391 - 45	73767	15	<5
391 - 46	73768	10	<5
391 - 47	73769	15	<5
391 - 48	73770	70	700
391 - 49	73771	15	5
391 - 50	73772	15	5
391 - 51	73773	<5	5
391 - 52	73774	45	60
391 - 53	73775	50	180
391 - 54	73910	15	<5
391 - 55	73911 - S. Forks gvn	500	<5
391 - 56	73912 E. ridge	475	20
391 - 57	73913	10	<5
391 - 58	73914	10	<5
391 - 59	73915	370	<5
391 - 60	73916	125	15
391 - 61	73917	10	<5
391 - 62	73918	10	<5
391 - 63	73919	<5	<5
391 - 64	73920	<5	55
391 - 65	73921	10	30
391 - 66	73922 Prosp	<5	75
391 - 67	73923 Pk	<5	5
391 - 68	73925	<5	5
391 - 69	73926	25	80
391 - 70	73927	15	210
391 - 71	73928	15	125
391 - 72	73929	10	260
391 - 73	73930	5	120
391 - 74	73931	<5	<5
391 - 75	73932	<5	<5

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TECH EXPLORATIONS LTD.

JULY 17, 1993

ET#	Description	AU (ppb)	HG (ppb)
394 - 76	73963	5	<5
394 - 77	73964	10	<5
394 - 78	73965	10	<5
394 - 79	73966	10	110
394 - 80	73967	5	280
394 - 81	73968	55	350
394 - 82	73940	10	5
394 - 83	73941	5	<5
394 - 84	73942	10	<5
394 - 85	73943	10	10
394 - 86	73951	5	10
394 - 87	73952	5	10
394 - 88	73953	5	5
394 - 89	73954	10	5
394 - 90	73955	10	<5
394 - 91	73956	5	100
394 - 92	73957	10	30
394 - 93	73958	5	110
394 - 94	73959	55	200
394 - 95	73961	5	25
394 - 96	73962	5	20
394 - 97	73963	5	10
394 - 98	73964	10	20
394 - 99	73965	10	20
394 - 100	73926	5	10
394 - 101	73927	10	20
394 - 102	73928	5	40
394 - 103	73929	5	10
394 - 104	73970	5	30
394 - 105	73971	5	10
394 - 106	73972	10	110
394 - 107	73973	5	30
394 - 108	73974	310	50
394 - 109	73930	<5	20
394 - 110	73931	5	10
394 - 111	73932	15	20
394 - 112	73933	15	20
394 - 113	73934	10	10
394 - 114	73935	5	30
394 - 115	73936	5	30
394 - 116	73937	5	10
394 - 117	73938	35	10
394 - 118	73939	15	50
394 - 119	73990	20	40
394 - 120	73991	10	30

Captain's Grid

S. Forks

[redacted]

RECEIVED FROM 604 573 4557

ECO-TECH LABORATORIES LTD.

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

TECK EXPLORATIONS LTD. JULY 17,1989

ET#	Description	AU (ppb)	HG (ppb)
394 - 121	73992 I	10	40
394 - 122	73993	10	5
394 - 123	A ?	10	190

NOTE: < = less than

Douglas Howard
ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

SC89/TECK1

cc: J. Pautler

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3

Tech Explorations Ltd.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1

CERTIFICATE OF ANALYSIS ETK89-3944
123 Rock Samples, received July 4/89
July 17, 1989
ATTN: Fred Daley

ETF	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
394.1	73562	<.2	0.20	< 5	10	421	11	0.48	< 1	58	595	11	2.24	<.01	< 10	7.11	385	< 1	<.01	1071	100	31	45	< 20	18	<.01	< 10	13	< 10	< 1	19
394.2	73567	<.2	0.19	16	11	257	< 5	0.39	< 1	3	268	13	1.25	0.01	< 10	0.37	773	15	<.01	72	76	14	17	< 20	19	<.01	< 10	12	< 10	4	14
394.3	73568	<.2	0.18	< 5	11	87	< 5	1.23	< 1	3	170	3	0.51	<.01	< 10	0.20	160	11	<.01	11	36	17	9	< 20	12	<.01	< 10	12	< 10	< 1	14
394.4	73569	<.2	1.35	16	9	51	17	0.58	< 1	25	71	96	3.41	0.02	< 10	1.04	359	< 1	0.02	22	39	25	19	< 20	5	0.36	< 10	94	< 10	9	30
394.5	73572	<.2	0.11	< 5	10	74	< 5	0.03	< 1	2	269	11	0.68	0.02	< 10	0.07	82	20	<.01	7	74	17	7	< 20	1	<.01	< 10	3	< 10	< 1	21
394.6	73573	1.5	0.09	< 5	10	63	5	0.08	< 1	1	221	5	0.44	0.05	< 10	0.02	97	17	<.01	6	32	42	7	< 20	5	<.01	< 10	2	< 10	< 1	22
394.7	73574	16.4	0.03	< 5	10	20	30	0.04	< 1	2	241	7	0.45	0.02	< 10	<.01	59	24	<.01	5	19	352	7	< 20	2	<.01	< 10	< 1	< 10	< 1	12
394.8	73575	2.4	0.06	7	10	30	9	0.51	< 1	1	192	5	0.53	0.01	< 10	0.10	150	17	<.01	5	< 10	55	8	< 20	24	<.01	< 10	< 1	< 10	< 1	12
394.9	73576	>200.0	0.04	< 5	10	11	825	0.22	90	7	188	45	1.48	0.02	< 10	0.01	74	32	<.01	5	46	>10000	12	< 20	11	<.01	< 10	< 1	61	< 1	3332
394.10	73577	2.7	0.05	< 5	10	13	11	0.02	< 1	< 1	181	2	0.25	0.03	< 10	<.01	140	30	<.01	3	16	133	< 5	< 20	< 1	<.01	< 10	< 1	< 10	< 1	21
394.11	73578	3.6	0.07	< 5	9	32	11	0.59	1	1	244	5	0.45	0.05	< 10	<.01	319	26	<.01	5	32	94	7	< 20	11	<.01	< 10	< 1	< 10	1	41
394.12	73579	29.0	0.02	< 5	12	10	55	0.10	2	2	299	12	0.55	0.02	< 10	<.01	54	37	<.01	4	14	1302	8	< 20	5	<.01	< 10	< 1	< 10	< 1	57
394.13	73580	0.6	0.02	< 5	11	13	8	0.10	< 1	1	277	4	0.39	<.01	< 10	<.01	53	21	<.01	6	< 10	30	6	< 20	4	<.01	< 10	< 1	< 10	< 1	11
394.14	73581	<.2	0.72	7	8	31	8	2.72	< 1	8	89	24	7.60	0.10	12	0.60	379	10	0.02	4	570	25	19	< 20	130	<.01	< 10	7	< 10	2	57
394.15	73582	0.4	0.03	< 5	9	22	< 5	0.20	< 1	1	249	4	0.45	0.02	< 10	<.01	95	19	<.01	5	40	19	9	< 20	16	<.01	< 10	< 1	< 10	< 1	21
394.16	73583	0.6	0.02	< 5	10	8	< 5	0.06	< 1	< 1	225	4	0.35	<.01	< 10	<.01	81	20	<.01	5	11	26	6	< 20	2	<.01	< 10	< 1	< 10	< 1	11
394.17	73585	0.6	0.03	< 5	9	12	6	0.05	< 1	2	214	5	0.36	0.02	< 10	0.01	72	16	<.01	5	32	19	5	< 20	5	<.01	< 10	< 1	< 10	< 1	15
394.18	73586	0.5	0.09	< 5	11	19	5	0.36	< 1	3	221	9	0.70	0.03	< 10	0.04	166	23	<.01	6	81	24	7	< 20	9	<.01	< 10	2	< 10	< 1	26
394.19	73587	11.0	0.07	7	10	15	19	0.22	2	4	209	16	1.21	0.04	< 10	0.04	204	28	<.01	6	84	823	8	< 20	12	<.01	< 10	1	< 10	< 1	160
394.20	73588	0.2	1.14	12	8	33	6	1.52	< 1	11	50	38	2.98	0.07	10	0.84	611	5	0.02	12	434	33	23	< 20	89	<.01	< 10	21	< 10	2	82

Teck Explorations Ltd.
ETK 89-3940
Page 2
July 17, 1989

ETK	DESCRIPTION:	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
394.21	73589	0.6	0.06	9	10	14	< 5	0.03	< 1	4	220	15	0.82	0.03	< 10	0.01	272	25	<.01	7	55	20	10	< 20	4	<.01	< 10	1	< 10	< 1	20
394.22	73590	1.2	0.04	10	11	10	< 5	0.02	< 1	3	170	12	1.05	0.01	< 10	<.01	489	25	<.01	5	36	27	7	< 20	< 1	<.01	< 10	< 1	< 10	2	44
394.23	73591	5.7	0.04	10	13	19	14	0.03	< 1	2	265	16	1.45	0.02	< 10	0.01	1030	59	<.01	8	42	178	9	< 20	5	<.01	< 10	< 1	< 10	4	49
394.24	73592	5.1	0.02	46	11	9	9	0.23	1	1	171	6	0.41	0.01	< 10	<.01	144	14	<.01	4	< 10	80	6	< 20	5	<.01	< 10	< 1	< 10	< 1	8
394.25	73593	0.7	0.02	< 5	10	< 5	5	0.06	< 1	1	261	5	0.39	0.01	< 10	<.01	51	13	<.01	9	< 10	36	6	< 20	1	<.01	< 10	< 1	< 10	< 1	9
394.26	73594	0.3	0.04	9	9	11	< 5	0.03	< 1	2	190	10	0.42	0.02	< 10	<.01	100	13	<.01	4	60	16	< 5	< 20	3	<.01	< 10	< 1	< 10	< 1	13
394.27	73595	<.2	0.07	9	9	13	< 5	0.11	< 1	3	196	8	0.89	0.04	< 10	<.01	139	8	<.01	7	141	13	7	< 20	6	<.01	< 10	1	< 10	< 1	17
394.28	73596	<.2	0.02	< 5	11	8	< 5	0.09	< 1	1	205	3	0.42	<.01	< 10	<.01	98	12	<.01	4	41	10	6	< 20	< 1	<.01	< 10	< 1	< 10	< 1	8
394.29	73597	0.2	0.12	16	9	16	< 5	0.04	< 1	6	229	14	1.33	0.05	< 10	0.02	223	27	<.01	8	155	26	11	< 20	4	<.01	< 10	1	< 10	< 1	19
394.30	73598	<.2	0.28	< 5	9	34	< 5	2.62	< 1	13	73	12	2.95	0.05	12	0.19	633	2	0.02	14	553	22	14	< 20	22	<.01	< 10	38	< 10	< 1	66
394.31	73600	<.2	2.05	39	8	19	< 5	0.71	< 1	34	82	213	4.90	0.02	16	1.85	521	< 1	0.07	36	621	29	50	< 20	7	0.12	< 10	121	< 10	3	46
394.32	73690	<.2	1.14	17	9	7	11	0.44	< 1	20	37	68	2.65	0.02	< 10	0.97	200	< 1	<.01	23	59	23	24	< 20	6	0.21	< 10	75	< 10	5	27
394.33	73691	<.2	1.39	20	7	17	22	0.49	< 1	41	30	35	4.96	0.02	15	1.34	285	< 1	0.02	4	29	25	29	< 20	3	0.31	< 10	195	< 10	6	38
394.34	73692	<.2	1.14	16	8	11	11	0.65	< 1	64	20	85	3.62	<.01	10	0.92	229	< 1	0.01	35	107	22	23	< 20	3	0.29	< 10	103	< 10	6	20
394.35	73693	<.2	0.65	15	8	5	< 5	0.77	< 1	15	62	56	0.82	<.01	< 10	0.37	109	< 1	0.01	22	304	17	11	< 20	14	0.12	< 10	29	< 10	5	7
394.36	73694	<.2	0.42	5	8	6	< 5	0.38	< 1	5	29	32	0.36	<.01	< 10	0.30	82	< 1	0.02	10	208	16	< 5	< 20	5	0.02	< 10	4	< 10	< 1	5
394.37	73759	<.2	0.15	< 5	11	< 5	< 5	0.04	< 1	3	269	5	0.65	<.01	< 10	0.18	179	9	<.01	25	36	12	9	< 20	< 1	<.01	< 10	6	< 10	< 1	7
394.38	73760	<.2	0.05	5	10	23	< 5	0.04	< 1	2	188	7	0.36	0.03	< 10	0.02	72	11	<.01	6	52	15	9	< 20	4	<.01	< 10	2	< 10	< 1	10
394.39	73761	<.2	0.11	< 5	8	< 5	< 5	5.21	< 1	1	169	3	0.43	<.01	< 10	0.07	393	6	<.01	6	23	5	11	< 20	176	<.01	< 10	5	< 10	1	8
394.40	73762	<.2	0.08	< 5	9	19	< 5	0.06	< 1	1	169	4	0.38	0.04	< 10	0.04	122	10	<.01	3	19	16	6	< 20	1	<.01	< 10	2	< 10	< 1	5

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ETF	DESCRIPTION:	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
394.41	73763	<.2	1.29	25	8	199	10	0.47	< 1	10	97	6	1.91	0.69	< 10	0.71	399	< 1	0.02	11	236	19	18	< 20	15	0.10	< 10	32	< 10	3	36
394.42	73764	<.2	<.01	< 5	9	< 5	< 5	<.01	< 1	< 1	164	2	0.22	<.01	< 10	<.01	42	9	<.01	2	< 10	3	< 5	< 20	< 1	<.01	< 10	< 1	< 10	< 1	3
394.43	73765	0.7	0.22	17	7	23	< 5	3.10	12	6	93	15	1.59	0.07	< 10	0.15	415	3	<.01	12	257	320	12	< 20	98	<.01	< 10	3	< 10	< 1	453
394.44	73766	7.0	0.01	< 5	8	< 5	14	0.03	< 1	< 1	167	5	0.55	<.01	< 10	<.01	34	10	<.01	2	11	169	7	< 20	2	<.01	< 10	< 1	< 10	< 1	51
394.45	73767	<.2	0.02	< 5	9	< 5	< 5	0.03	< 1	2	265	5	0.39	<.01	< 10	<.01	85	9	<.01	9	14	11	7	< 20	< 1	<.01	< 10	< 1	< 10	< 1	8
394.46	73768	<.2	0.34	8	8	20	< 5	2.12	< 1	3	73	4	0.57	0.04	< 10	0.14	262	4	<.01	2	86	12	10	< 20	91	0.01	< 10	6	< 10	< 1	12
394.47	73769	<.2	0.07	< 5	7	< 5	< 5	0.03	< 1	3	220	11	0.49	<.01	< 10	0.04	57	7	<.01	7	10	8	7	< 20	< 1	<.01	< 10	2	< 10	< 1	7
394.48	73770	61.5	0.03	27	9	< 5	24	0.05	25	1	172	10	0.51	0.01	< 10	<.01	57	9	<.01	4	55	6924	20	< 20	2	<.01	< 10	< 1	20	< 1	1220
394.49	73771	0.5	0.31	5	7	6	< 5	<.01	< 1	3	258	9	0.99	<.01	< 10	0.23	253	9	<.01	10	23	74	10	< 20	1	<.01	< 10	7	< 10	< 1	70
394.50	73772	1.6	0.04	< 5	8	< 5	5	<.01	10	3	297	11	0.60	<.01	< 10	<.01	71	10	<.01	9	< 10	87	9	< 20	< 1	<.01	< 10	1	< 10	< 1	198
394.51	73773	1.0	0.03	25	9	< 5	< 5	<.01	< 1	1	241	7	0.54	<.01	< 10	<.01	63	14	<.01	4	31	41	6	< 20	< 1	<.01	< 10	< 1	< 10	< 1	32
394.52	73774	6.7	0.05	13	8	< 5	11	0.01	2	2	222	6	0.69	<.01	< 10	<.01	75	17	<.01	4	17	129	7	< 20	< 1	<.01	< 10	< 1	< 10	< 1	94
394.53	73775	13.7	0.05	20	8	5	18	<.01	7	2	223	8	0.82	0.01	< 10	<.01	111	8	<.01	8	18	484	8	< 20	< 1	<.01	< 10	< 1	< 10	< 1	200
394.54	73910	0.3	0.02	8	9	< 5	< 5	<.01	< 1	1	190	2	0.35	<.01	< 10	<.01	.65	11	<.01	2	< 10	15	< 5	< 20	< 1	<.01	< 10	< 1	< 10	< 1	18
394.55	73911	<.2	0.20	< 5	7	16	< 5	<.01	< 1	4	193	27	0.80	0.03	< 10	0.17	192	13	<.01	22	38	12	10	< 20	< 1	<.01	< 10	4	< 10	< 1	16
394.56	73912	1.6	0.03	8	9	15	< 5	0.05	< 1	2	173	3	0.38	0.02	< 10	0.04	107	12	<.01	17	18	81	6	< 20	5	<.01	< 10	< 1	< 10	< 1	28
394.57	73913	<.2	0.10	< 5	8	< 5	< 5	1.58	< 1	2	175	4	0.29	<.01	< 10	0.12	129	12	<.01	10	13	8	10	< 20	46	<.01	< 10	< 1	< 10	< 1	4
394.58	73914	<.2	0.22	< 5	5	< 5	< 5	8.49	< 1	3	97	6	0.38	<.01	< 10	0.28	247	6	<.01	6	< 10	18	12	< 20	48	<.01	< 10	3	< 10	< 1	3
394.59	73915	<.2	0.04	9	8	24	< 5	0.08	< 1	1	137	10	0.51	0.02	< 10	0.04	98	10	<.01	5	85	8	6	< 20	5	<.01	< 10	< 1	< 10	< 1	8
394.60	73916	<.2	0.16	33	8	30	< 5	0.14	< 1	4	165	18	0.85	0.03	< 10	0.11	243	11	<.01	15	395	9	12	< 20	8	<.01	< 10	7	< 10	< 1	19

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ETF	DESCRIPTION		Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
394.61	73917	:	<.2	0.15	13	6	< 5	< 5	3.03	< 1	3	153	5	0.76	<.01	< 10	0.38	183	10	<.01	11	< 10	9	12	< 20	16	<.01	< 10	5	< 10	< 1	5
394.62	73918	:	<.2	0.09	< 5	7	< 5	< 5	0.36	< 1	2	215	3	0.35	<.01	< 10	0.08	63	15	<.01	6	< 10	8	9	< 20	< 1	<.01	< 10	1	< 10	< 1	4
394.63	73919	:	<.2	0.06	9	7	< 5	< 5	0.80	< 1	2	185	11	0.36	<.01	< 10	0.05	77	13	<.01	5	< 10	6	7	< 20	3	<.01	< 10	1	< 10	< 1	3
394.64	73920	:	<.2	0.19	< 5	8	11	< 5	0.60	< 1	4	170	9	0.59	0.01	< 10	0.20	298	11	<.01	17	251	9	12	< 20	41	<.01	< 10	7	< 10	< 1	10
394.65	73922	:	<.2	0.03	150	7	< 5	< 5	0.12	4	1	183	3	0.49	0.02	< 10	0.04	72	13	<.01	4	24	45	8	< 20	9	<.01	< 10	< 1	< 10	< 1	21
394.66	73923	:	1.5	0.02	240	8	< 5	< 5	0.02	6	1	174	3	0.48	<.01	< 10	<.01	54	13	<.01	4	19	308	8	< 20	< 1	<.01	< 10	< 1	< 10	< 1	139
394.67	73924	:	<.2	0.14	115	8	11	< 5	0.33	3	3	187	7	0.59	0.04	< 10	0.05	104	14	<.01	5	73	27	8	< 20	8	<.01	< 10	4	< 10	< 1	13
394.68	73925	:	<.2	0.04	36	7	9	< 5	3.08	< 1	1	134	4	0.54	0.03	< 10	0.01	301	9	<.01	2	14	8	9	< 20	113	<.01	< 10	< 1	< 10	< 1	8
394.69	73926	:	1.1	0.07	325	8	12	< 5	0.17	8	3	136	3	1.12	0.05	< 10	<.01	147	7	<.01	4	97	225	11	< 20	3	<.01	< 10	< 1	< 10	< 1	51
394.70	73927	:	<.2	0.07	109	9	15	< 5	0.08	3	2	194	4	1.04	0.03	< 10	<.01	60	7	<.01	7	102	147	11	< 20	< 1	<.01	< 10	< 1	< 10	< 1	346
394.71	73928	:	1.7	0.03	588	8	5	< 5	<.01	12	1	194	3	0.84	0.02	< 10	<.01	76	11	<.01	3	67	258	8	< 20	< 1	<.01	< 10	< 1	< 10	< 1	60
394.72	73929	:	<.2	0.02	789	8	10	< 5	<.01	19	2	295	4	0.82	0.02	< 10	<.01	64	12	<.01	10	15	16	9	< 20	< 1	<.01	< 10	< 1	< 10	< 1	8
394.73	73930	:	1.3	0.03	99	9	8	< 5	0.01	3	3	207	6	0.72	0.03	< 10	<.01	66	15	<.01	4	28	210	8	< 20	3	<.01	< 10	< 1	< 10	< 1	91
394.74	73931	:	<.2	0.36	7	9	26	8	0.35	< 1	12	101	23	2.11	0.11	< 10	0.18	99	2	0.03	21	431	9	11	< 20	21	0.09	< 10	29	< 10	4	22
394.75	73932	:	<.2	0.13	< 5	8	13	< 5	0.03	< 1	5	156	44	1.26	0.02	< 10	0.05	36	8	<.01	5	104	8	8	< 20	2	<.01	< 10	5	< 10	< 1	7
394.76	73933	:	<.2	0.43	7	8	26	< 5	0.04	< 1	7	195	42	2.48	0.06	< 10	0.25	93	7	<.01	8	228	10	18	< 20	1	0.01	< 10	18	< 10	< 1	20
394.77	73934	:	<.2	0.25	< 5	7	8	< 5	0.04	< 1	3	156	16	1.11	0.04	< 10	0.18	56	10	<.01	5	179	4	7	< 20	1	<.01	< 10	11	< 10	< 1	13
394.78	73935	:	<.2	1.57	19	7	21	20	0.89	< 1	17	286	39	3.57	0.08	20	1.95	393	< 1	0.01	60	2350	24	33	< 20	32	0.27	< 10	65	< 10	14	60
394.79	73936	:	<.2	0.40	6	8	23	< 5	0.06	< 1	4	224	18	1.62	0.04	< 10	0.36	134	14	0.01	21	329	15	13	< 20	7	0.05	< 10	14	< 10	2	29
394.80	73937	:	<.2	0.28	< 5	8	33	< 5	0.04	< 1	3	223	10	1.09	0.03	< 10	0.20	139	7	<.01	17	191	13	7	< 20	1	<.01	< 10	9	< 10	1	10

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ETF	DESCRIPTION		Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
394.81	73938	:	<.2	0.40	7	9	40	< 5	0.06	< 1	6	230	15	1.23	0.04	< 10	0.36	495	12	<.01	21	288	19	10	< 20	2	<.01	< 10	17	< 10	4	21
394.82	73940	:	<.2	0.24	< 5	8	< 5	< 5	0.02	< 1	3	216	4	0.61	0.01	< 10	0.26	249	14	<.01	15	65	15	6	< 20	2	<.01	< 10	8	< 10	< 1	13
394.83	73941	:	<.2	0.01	< 5	9	< 5	< 5	<.01	< 1	1	221	3	0.32	<.01	< 10	<.01	75	15	<.01	5	14	11	< 5	< 20	< 1	<.01	< 10	< 1	< 10	< 1	5
394.84	73942	:	<.2	0.73	15	7	6	< 5	0.05	< 1	10	265	8	1.60	0.01	< 10	0.74	192	13	<.01	33	213	19	16	< 20	< 1	<.01	< 10	20	< 10	< 1	17
394.85	73943	:	<.2	0.07	11	9	16	< 5	5.04	< 1	5	110	5	2.39	0.03	< 10	0.42	571	7	<.01	12	357	9	10	< 20	46	<.01	< 10	6	< 10	< 1	8
394.86	73951	:	0.4	0.75	23	6	38	< 5	0.03	< 1	15	56	89	3.29	0.05	10	0.37	570	2	0.02	25	622	16	10	< 20	24	<.01	< 10	15	< 10	< 1	84
394.87	73952	:	0.9	0.02	< 5	9	< 5	< 5	0.02	< 1	1	188	4	0.30	<.01	< 10	<.01	50	13	<.01	4	< 10	24	< 5	< 20	1	<.01	< 10	< 1	< 10	< 1	7
394.88	73953	:	<.2	0.04	8	9	< 5	< 5	0.06	< 1	2	182	20	0.61	<.01	< 10	0.01	120	10	<.01	5	118	16	< 5	< 20	2	<.01	< 10	< 1	< 10	< 1	15
394.89	73954	:	0.4	0.14	23	7	10	< 5	3.20	< 1	9	103	103	2.49	0.04	< 10	0.67	562	6	0.01	12	460	13	10	< 20	145	<.01	< 10	3	< 10	< 1	53
394.90	73955	:	0.4	0.23	8	8	6	< 5	0.04	< 1	9	190	116	1.85	0.01	< 10	0.13	67	9	<.01	7	79	17	9	< 20	< 1	<.01	< 10	16	< 10	< 1	19
394.91	73956	:	<.2	0.58	21	8	22	< 5	2.41	< 1	17	43	84	3.82	0.05	12	0.75	772	6	<.01	18	456	21	22	< 20	120	<.01	< 10	18	< 10	< 1	97
394.92	73957	:	<.2	0.02	21	8	7	< 5	0.70	< 1	3	184	24	1.01	0.01	< 10	0.02	242	8	<.01	6	23	21	6	< 20	7	<.01	< 10	< 1	< 10	< 1	19
394.93	73958	:	<.2	0.46	27	7	28	< 5	3.56	< 1	13	40	88	3.04	0.07	10	0.54	741	6	<.01	16	1381	19	19	< 20	105	<.01	< 10	11	< 10	2	68
394.94	73959	:	0.8	0.44	30	7	36	< 5	2.98	< 1	16	46	162	3.95	0.09	12	0.60	785	17	<.01	13	452	23	12	< 20	106	<.01	< 10	10	< 10	< 1	76
394.95	73961	:	<.2	0.07	21	8	6	< 5	0.97	< 1	3	169	6	0.77	<.01	< 10	0.04	161	10	<.01	10	525	17	10	< 20	9	<.01	< 10	1	< 10	< 1	13
394.96	73962	:	<.2	0.11	38	7	10	< 5	4.14	1	5	135	4	2.15	0.01	< 10	0.15	583	6	<.01	14	252	16	10	< 20	33	<.01	< 10	4	< 10	1	25
394.97	73963	:	<.2	0.06	< 5	8	7	< 5	0.30	< 1	3	245	8	0.78	0.02	< 10	0.06	142	14	<.01	11	102	23	6	< 20	11	<.01	< 10	2	< 10	< 1	10
394.98	73964	:	<.2	0.72	21	5	44	< 5	2.60	< 1	15	45	31	3.21	0.08	< 10	1.09	649	< 1	0.02	26	659	26	19	< 20	128	<.01	< 10	16	< 10	< 1	54
394.99	73965	:	<.2	0.50	6	7	7	< 5	1.66	< 1	6	334	5	1.89	<.01	< 10	0.49	344	17	<.01	27	294	22	19	< 20	73	<.01	< 10	19	< 10	< 1	18
394.100	73966	:	<.2	1.72	14	7	46	< 5	0.22	< 1	10	58	28	4.37	0.10	12	1.04	559	< 1	<.01	10	537	35	23	< 20	14	0.10	12	22	< 10	< 1	79

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ETF	DESCRIPTION:	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Se	Sr	Ti%	U	V	W	Y	Zn
394.101	73967	<.2	0.57	5	8	31	< 5	0.12	1	9	122	32	2.12	0.08	< 10	0.30	522	18	<.01	31	327	35	8	< 20	6	<.01	< 10	7	< 10	< 1	98
394.102	73968	<.2	1.73	14	9	36	< 5	0.37	< 1	10	79	54	3.09	0.08	15	0.74	525	51	0.01	12	462	32	20	< 20	10	<.01	< 10	19	< 10	< 1	101
394.103	73969	<.2	0.03	< 5	8	< 5	< 5	0.01	< 1	< 1	108	3	0.38	<.01	< 10	<.01	39	14	<.01	4	66	16	< 5	< 20	< 1	<.01	< 10	< 1	< 10	< 1	9
394.104	73970	<.2	0.25	17	6	51	< 5	0.49	< 1	9	43	11	2.78	0.05	< 10	0.03	687	23	0.03	4	853	16	6	< 20	16	<.01	< 10	3	< 10	< 1	99
394.105	73971	<.2	<.01	< 5	8	< 5	< 5	<.01	< 1	< 1	197	3	0.41	<.01	< 10	<.01	63	15	<.01	4	27	17	6	< 20	< 1	<.01	< 10	< 1	< 10	< 1	12
394.106	73972	<.2	0.80	41	6	41	< 5	2.13	1	17	55	29	3.64	0.07	11	0.52	673	4	0.02	28	526	24	17	< 20	41	<.01	< 10	14	< 10	< 1	101
394.107	73973	<.2	0.42	16	9	31	< 5	0.29	< 1	9	205	17	2.06	0.08	< 10	0.08	437	14	0.01	13	1313	29	12	< 20	12	<.01	< 10	5	< 10	< 1	48
394.108	73974	1.2	0.17	< 5	9	25	< 5	0.05	< 1	4	232	5	1.31	0.03	< 10	0.03	453	14	0.01	6	207	40	7	< 20	7	<.01	< 10	2	< 10	< 1	20
394.109	73980	0.3	1.13	8	8	49	< 5	0.25	< 1	5	71	14	2.54	0.07	< 10	0.56	965	4	0.02	2	244	52	17	< 20	15	<.01	< 10	9	< 10	1	117
394.110	73981	<.2	0.08	< 5	8	< 5	< 5	0.08	< 1	1	234	2	0.37	<.01	< 10	0.06	81	15	<.01	5	14	17	< 5	< 20	2	<.01	< 10	2	< 10	< 1	7
394.111	73982	0.2	0.19	< 5	8	21	< 5	0.14	< 1	7	83	8	2.73	0.02	< 10	0.03	980	9	0.02	7	889	29	9	< 20	16	<.01	< 10	3	< 10	< 1	54
394.112	73983	0.2	0.59	23	6	29	< 5	0.04	< 1	12	51	19	2.80	0.06	< 10	0.21	578	2	0.02	10	327	23	12	< 20	9	<.01	11	7	< 10	< 1	56
394.113	73984	<.2	1.66	286	5	17	< 5	0.25	10	70	430	34	2.91	<.01	< 10	2.87	895	< 1	<.01	520	433	47	37	< 20	14	<.01	< 10	48	< 10	1	36
394.114	73985	<.2	0.18	167	6	< 5	< 5	<.01	5	54	324	24	1.90	<.01	< 10	0.58	25	< 1	<.01	382	70	23	20	< 20	2	<.01	< 10	6	< 10	< 1	8
394.115	73986	<.2	1.04	233	5	19	< 5	0.57	6	71	863	30	2.58	<.01	< 10	2.57	946	2	<.01	900	136	22	36	< 20	38	<.01	< 10	29	< 10	< 1	33
394.116	73987	<.2	0.34	185	9	8	< 5	0.04	2	16	491	17	1.15	<.01	< 10	0.56	694	10	<.01	248	55	12	15	< 20	< 1	<.01	< 10	10	< 10	< 1	17
394.117	73988	<.2	1.45	28	7	29	7	0.26	< 1	14	49	15	3.15	0.06	< 10	1.01	516	< 1	0.02	29	597	20	20	< 20	15	<.01	< 10	19	< 10	1	53
394.118	73989	0.3	0.38	9	11	9	< 5	0.79	< 1	4	176	5	1.38	<.01	< 10	0.23	412	12	<.01	10	3371	28	12	< 20	73	<.01	< 10	6	< 10	5	45
394.119	73990	2.3	0.49	176	10	< 5	< 5	0.08	5	8	272	6	0.98	<.01	< 10	0.76	290	7	<.01	119	325	641	12	< 20	8	<.01	< 10	9	< 10	< 1	21
394.120	73991	<.2	0.20	152	9	6	< 5	0.03	4	10	299	9	0.88	<.01	< 10	0.19	393	15	<.01	101	136	10	11	< 20	2	<.01	< 10	5	< 10	< 1	15

Tech Explorations Ltd.
ETE 89-394A
Page 7
July 17, 1989

ETF	DESCRIPTION:		Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
394.121	73992	:	<.2	0.36	8	8	41	< 5	1.89	< 1	7	28	5	2.58	0.12	11	0.20	580	< 1	0.02	4	929	9	11	< 20	37	<.01	< 10	4	< 10	2	64
394.122	73993	:	<.2	0.03	15	9	8	< 5	0.14	< 1	3	226	5	0.55	0.01	< 10	0.03	167	14	<.01	22	272	14	< 5	< 20	13	<.01	< 10	2	< 10	< 1	6
394.123	A	:	3.7	0.05	< 5	10	8	8	0.08	< 1	2	193	9	0.74	0.02	< 10	0.10	255	24	<.01	4	99	83	6	< 20	32	<.01	< 10	1	< 10	< 1	26

NOTE: All values in PPM unless otherwise reported
> = Greater than
< = less than

ECO-TECH LABORATORIES LTD.
[redacted]
B.C. CERTIFIED ASSAYER

CC: J. PAWLEY

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

JULY 12, 1989

CERTIFICATE OF ANALYSIS ETK89-395

HG AND ICP TO FOLLOW

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 31 SOIL samples received July 4, 1989
PROJECT: 1366
SHIP.# 4

ET#	Description	AU (ppb)
395 - 1	AL 89 - H - 5001 - T	10
395 - 2	AL 89 - H - 5002 - T	10
395 - 3	TA ST 2	5
395 - 4	TA ST 4	10
395 - 5	TA ST 5	5
395 - 6	TA ST 6	5
395 - 7	TA ST 7	10
395 - 8	73561	5
395 - 9	73563	10
395 - 10	73564	10
395 - 11	73565	5
395 - 12	73566	5
395 - 13	73570	5
395 - 14	73571	60
395 - 15	73599	5
395 - 16	73660	5
395 - 17	73695	25
395 - 18	73696	70
395 - 19	73697	5
395 - 20	73698	140
395 - 21	73699	55
395 - 22	73700	45
395 - 23	73909	10
395 - 24	73921	5
395 - 25	73939	5
395 - 26	73960	45
395 - 27	73975 A	30
395 - 28	73975 B	5
395 - 29	73976	15
395 - 30	73978	20
395 - 31	73979	20

Mac

NOTE: < = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD

cc: J. PAUTLER

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-6700 Fax 573-4557

JULY 17, 1989

CERTIFICATE OF ANALYSIS ETKB9-3956

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 31 SOIL samples received July 4, 1989
PROJECT: 1366
SHIP.# 4

ET#	Description	HG (ppb)
395 - 1	AL 89 - H - 5001 - T	60
395 - 2	AL 89 - H - 5002 - T	75
395 - 3	TA ST 2	60
395 - 4	TA ST 4	60
395 - 5	TA ST 5	55
395 - 6	TA ST 6	55
395 - 7	TA ST 7	25
395 - 8	73561 - MAC	105
395 - 9	73563	75
395 - 10	73564	60
395 - 11	73565	50
395 - 12	73566 - MAC	50
395 - 13	73570	120
395 - 14	73571	50
395 - 15	73599	60
395 - 16	73660	10
395 - 17	73695	70
395 - 18	73696	70
395 - 19	73697	90
395 - 20	73698	115
395 - 21	73699	65
395 - 22	73700	60
395 - 23	S 73909	50
395 - 24	P 73921	55
395 - 25	S 73939	60
395 - 26	S 73960	40
395 - 27	73975 A	135
395 - 28	73975 B	95
395 - 29	73976	65
395 - 30	73978	100
395 - 31	73979	75

NOTE: < = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

cc: J. PAUTLER
SC89/TECK1

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3

Teck Explorations Ltd.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1

CERTIFICATE OF ANALYSIS ET#89-395A
31 Soil Samples, received July 4/89
Project #1366 Shipment #4
ATTN: Fred Bailey

ETF	DESCRIPTION:	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
395.1	AL89#50017	<.2	1.22	30	10	105	< 5	0.30	< 1	13	40	30	2.14	0.15	< 10	0.85	389	< 1	<.01	39	461	21	13	< 20	17	0.07	< 10	52	< 10	2	55
395.2	AL89#50027	0.4	1.37	37	9	95	< 5	0.44	< 1	15	56	37	2.39	0.15	< 10	0.89	502	< 1	<.01	58	512	21	13	< 20	29	0.07	< 10	50	< 10	3	67
395.3	TA ST 2	0.4	1.61	49	18	29	7	0.30	1	39	387	58	4.00	0.03	12	4.58	623	< 1	<.01	257	491	30	45	< 20	17	0.06	14	49	< 10	< 1	61
395.4	TA ST 4	<.2	1.68	48	9	20	< 5	0.54	1	24	90	69	3.00	0.02	< 10	1.42	774	< 1	<.01	68	540	30	22	< 20	9	0.06	< 10	49	< 10	2	71
395.5	TA ST 5	0.2	1.09	26	20	29	< 5	1.21	< 1	15	129	103	2.12	0.09	< 10	1.00	519	< 1	<.01	188	872	23	22	< 20	32	0.02	< 10	28	< 10	6	80
395.6	TA ST 6	<.2	1.80	25	11	45	7	0.37	< 1	24	107	52	3.93	0.07	15	2.14	748	< 1	<.01	100	626	30	30	< 20	22	0.08	< 10	47	< 10	2	97
395.7	TA ST 7	<.2	1.46	31	9	28	7	0.67	< 1	20	105	43	2.96	0.03	< 10	1.20	609	< 1	<.01	66	341	24	23	< 20	20	0.11	< 10	71	< 10	3	65
395.8	73561	<.2	1.55	31	10	106	< 5	1.21	< 1	25	150	64	2.66	0.22	< 10	1.77	730	< 1	0.01	428	746	25	24	< 20	27	0.07	< 10	68	< 10	3	54
395.9	73562	<.2	1.69	28	10	123	5	0.70	< 1	27	192	52	3.04	0.28	< 10	1.88	567	< 1	0.01	233	596	26	23	< 20	27	0.09	< 10	75	< 10	3	57
395.10	73564	<.2	2.07	49	10	117	12	0.72	< 1	26	58	37	4.34	0.69	13	1.69	583	< 1	0.01	95	1564	26	29	< 20	24	0.19	< 10	94	< 10	6	66
395.11	73565	<.2	1.97	63	11	59	6	0.86	1	27	166	50	3.17	0.22	< 10	1.95	453	< 1	0.01	225	560	30	30	< 20	35	0.07	17	89	< 10	2	70
395.12	73566	<.2	1.51	33	14	42	< 5	1.06	< 1	18	198	51	2.11	0.13	< 10	1.66	280	< 1	0.01	157	545	25	23	< 20	23	0.04	< 10	59	< 10	11	58
395.13	73570	<.2	1.39	69	8	13	< 5	1.11	1	25	61	99	2.08	0.03	< 10	1.02	324	< 1	<.01	58	477	25	15	< 20	22	0.04	< 10	43	< 10	< 1	32
395.14	73571	2.9	1.01	197	10	26	< 5	0.57	6	27	12	96	5.70	0.02	20	0.39	1320	84	<.01	22	716	102	22	< 20	42	<.01	< 10	16	< 10	7	221
395.15	73599	<.2	1.49	26	8	56	< 5	0.22	< 1	18	48	51	2.71	0.05	< 10	0.70	445	< 1	<.01	65	663	30	19	< 20	17	0.06	< 10	70	< 10	4	49
395.16	73660	<.2	2.98	25	9	235	13	0.65	< 1	44	101	171	7.72	0.77	18	2.63	197	5	0.01	91	540	27	44	< 20	32	0.32	< 10	200	< 10	5	84
395.17	73695	0.6	2.29	60	5	39	6	0.08	1	11	29	48	4.14	0.07	12	0.56	355	< 1	<.01	20	740	30	15	< 20	8	0.04	< 10	37	< 10	< 1	72
395.18	73696	1.1	1.67	109	7	37	< 5	0.18	3	19	24	91	4.18	0.02	15	0.71	689	< 1	<.01	29	992	32	19	< 20	9	0.03	< 10	23	< 10	3	98
395.19	73697	0.3	2.33	58	4	36	12	0.05	1	9	24	20	4.43	0.01	14	0.37	193	1	<.01	14	319	31	14	< 20	9	0.14	< 10	72	< 10	1	60
395.20	73698	1.0	3.18	92	5	38	< 5	0.13	2	17	28	44	4.01	0.02	12	0.57	375	< 1	<.01	23	985	43	13	< 20	9	0.06	13	38	< 10	2	74

Teck Explorations Ltd.
ETK 89-3956
Page 2
July 17, 1989

ETK	DESCRIPTION:	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
395.21	73699	0.6	3.14	107	5	42	< 5	0.10	2	27	40	73	4.05	0.01	14	0.76	564	< 1	<.01	34	583	44	19	< 20	7	0.06	< 10	27	< 10	4	90
395.22	73700	0.4	1.57	86	6	27	< 5	0.40	2	14	25	52	2.95	0.01	12	0.60	484	< 1	<.01	25	731	26	14	< 20	25	0.04	< 10	23	< 10	4	66
395.23	S 73909	<.2	2.53	28	8	43	7	0.13	< 1	37	240	61	4.64	0.04	18	2.50	794	< 1	<.01	195	618	35	42	< 20	9	0.09	< 10	61	< 10	4	79
395.24	P 73921	<.2	0.80	13	11	78	< 5	0.28	< 1	9	39	29	1.92	0.17	< 10	0.54	224	< 1	0.02	34	583	13	12	< 20	9	0.05	< 10	36	< 10	3	37
395.25	S 73939	<.2	2.53	23	7	83	< 5	0.09	< 1	16	167	34	3.42	0.05	15	1.94	531	< 1	<.01	91	575	41	29	< 20	14	0.05	10	74	< 10	< 1	75
395.26	S 73960	0.6	1.03	121	7	19	< 5	0.36	3	12	20	62	2.40	0.02	11	0.55	487	< 1	<.01	21	711	23	12	< 20	21	0.02	10	16	< 10	7	77
395.27	A 73975	1.1	2.56	76	3	51	< 5	0.02	2	13	20	33	3.63	0.02	12	0.38	523	< 1	<.01	16	803	42	16	< 20	2	<.01	< 10	17	< 10	< 1	90
395.28	B 73975	<.2	1.01	84	6	39	< 5	0.93	3	14	47	35	2.46	0.03	11	0.57	945	< 1	<.01	52	792	23	16	< 20	54	<.01	< 10	17	< 10	8	145
395.29	73976	1.2	1.58	30	3	43	< 5	0.03	< 1	8	17	42	3.63	0.03	11	0.28	359	< 1	<.01	11	607	25	9	< 20	8	<.01	13	21	< 10	< 1	60
395.30	73978	0.4	2.01	39	4	48	< 5	0.02	< 1	11	22	28	3.54	0.02	12	0.50	992	< 1	<.01	19	556	31	15	< 20	5	<.01	13	18	< 10	< 1	75
395.31	73979	<.2	1.22	25	3	29	< 5	0.51	< 1	5	29	17	2.27	0.02	< 10	0.47	221	< 1	<.01	13	525	20	12	< 20	37	0.03	< 10	30	< 10	< 1	44

NOTE: All values in PPM unless otherwise reported
< = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

CC: J. PANTLER

ECO-TECH LABORATORIES LTD.

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

JULY 17 , 1989

CERTIFICATE OF ANALYSIS ETK 89-408

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 26 ROCK & PAN CONC. samples received July 6, 1989
PROJECT: 1366

ET#	Description	AU (ppb)	HG (ppb)
408 - 1	TA PC 1	5	35
408 - 2	TA PC 2	5	15
408 - 3	73551	5	5
408 - 4	73552	<5	10
408 - 5	73553	<5	5
408 - 6	73554	<5	<5
408 - 7	73555	<5	5
408 - 8	73556	5	60
408 - 9	73557	360	15
408 - 10	73558	<5	20
408 - 11	73559	<5	40
408 - 12	73560	5	10
408 - 13	73745	15	10
408 - 14	73746	15	470
408 - 15	73747	5	5
408 - 16	73748	5	40
408 - 17	73749	5	20
408 - 18	73750	10	25
408 - 19	73751	5	140
408 - 20	73752	5	10
408 - 21	73753	10	525
408 - 22	73754	40	25
408 - 23	73755	25	25
408 - 24	73756	20	20
408 - 25	73757	5	<5
408 - 26	73758	10	<5

NOTE: < = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD

ECO-TECH LABORATORIES LTD.

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

JULY 18, 1989

TECK EXPLORATIONS LTD. - ETK89-408A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED DALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
26 ROCK SAMPLES RECEIVED JULY 6, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
408 A- 1	TA PC01	.4	2.37	30	<2	1155	<5	.64	<1	31	310	39	4.87	.14	<10	2.98	788	6	.03	189	980	12	15	180	18	.17	10	77	<10	6	80
408 A- 2	TA PC02	.4	2.46	20	<2	1955	<5	.68	1	32	292	35	4.97	.11	<10	3.01	834	7	.04	186	1040	10	15	180	15	.17	10	78	<10	6	74
408 A- 3	73751	.4	.08	10	<2	340	<5	2.40	<1	6	147	14	1.47	.02	<10	.24	2810	11	.03	17	260	4	<5	<20	35	<.01	20	3	<10	3	12
408 A- 4	73752	.4	.19	<5	<2	1180	<5	.47	<1	21	112	429	3.52	.07	<10	.03	1116	7	.04	49	1040	10	5	<20	12	<.01	<10	9	<10	4	32
408 A- 5	73753	.2	.04	<5	2	525	<5	.32	<1	4	191	20	.67	.02	<10	.01	465	15	.02	12	530	6	<5	<20	4	<.01	10	4	<10	2	6
408 A- 6	73754	.4	.10	5	24	170	<5	5.22	<1	4	184	16	.52	.01	<10	.08	351	11	.01	9	150	6	<5	<20	32	.01	10	8	<10	3	1
408 A- 7	73755	.2	.03	<5	6	70	<5	.04	<1	2	209	3	.32	.02	<10	.02	81	16	<.01	4	20	2	<5	<20	1	<.01	10	4	<10	<1	<1
408 A- 8	73756	.2	.09	10	2	325	<5	.06	<1	3	209	18	1.02	.04	<10	.03	243	14	.03	12	80	8	5	<20	2	<.01	<10	12	<10	1	10
408 A- 9	73757	.4	2.05	60	2	115	<5	.87	<1	40	100	69	7.91	.16	<10	1.36	2733	7	.02	63	720	14	15	<20	19	<.01	30	125	<10	20	135
408 A- 10	73758	.2	.22	35	<2	25	<5	.29	1	5	272	8	.86	.04	<10	.28	298	16	.03	43	340	16	<5	<20	8	<.01	20	10	<10	3	9
408 A- 11	73759	.2	.26	5	<2	70	<5	.09	1	8	91	43	1.59	.14	<10	.14	331	7	.01	26	340	6	<5	<20	5	.01	30	8	<10	2	54
408 A- 12	73760	<.2	.56	5	6	65	<5	4.17	<1	6	216	15	1.74	.09	<10	.42	1227	13	.03	10	80	6	<5	20	77	.02	30	52	<10	3	22
408 A- 13	73745	.6	.12	5	<2	10	<5	.03	2	4	223	14	.93	.03	<10	.10	101	17	.02	22	30	6	<5	<20	1	<.01	20	5	<10	1	24
408 A- 14	73746	2.0	.02	10	<2	10	<5	.03	13	4	235	53	.70	.02	<10	.01	68	13	.02	44	20	326	<5	<20	1	<.01	30	2	30	<1	1743
408 A- 15	73747	<.2	.03	15	<2	5	<5	.05	<1	2	232	5	.46	.01	<10	.03	100	17	.03	15	60	<2	<5	<20	3	<.01	20	2	<10	1	28
408 A- 16	73748	.2	.08	10	<2	20	<5	.11	1	4	188	19	1.10	.03	<10	.03	265	11	.04	14	80	8	<5	<20	6	<.01	<10	4	<10	1	14
408 A- 17	73749	.4	1.27	5	<2	5	<5	2.26	<1	26	150	77	3.40	.01	<10	.96	484	3	.02	37	350	6	<5	220	26	.24	20	38	<10	3	52
408 A- 18	73750	.2	.17	5	<2	25	<5	4.77	1	4	138	18	.64	.03	<10	.04	148	10	.01	10	540	6	<5	<20	66	.01	<10	7	<10	1	7
408 A- 19	73751	.2	.42	5	<2	10	<5	.05	1	9	150	109	3.46	.02	<10	.27	240	11	.02	33	280	10	<5	<20	8	<.01	20	33	<10	4	39
408 A- 20	73752	.2	.05	<5	<2	<5	<5	.03	<1	1	238	4	.37	.01	<10	.06	53	16	.02	8	20	<2	<5	<20	1	<.01	<10	2	<10	<1	1

ECO-TECH LABORATORIES LTD. TECK EXPLORATIONS LTD. - ETK89-408A

PAGE 2

ETK#	DESCRIPTIONS		AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
408 A-	21	73753	<.2	1.18	10	<2	15	<5	.49	1	8	226	4	1.97	.02	<10	1.63	471	12	.03	78	210	8	5	<20	40	<.01	20	34	<10	4	39
408 A-	22	73754	.2	.04	5	<2	10	<5	.03	<1	1	197	9	.55	.02	<10	.02	114	13	<.01	6	110	<2	<5	<20	2	<.01	10	1	<10	<1	6
408 A-	23	73755	.2	<.01	5	2	5	<5	.01	<1	1	301	7	.49	.01	<10	.03	57	18	.03	14	40	6	<5	<20	1	<.01	10	2	<10	<1	4
408 A-	24	73756	<.2	3.52	25	<2	15	<5	.14	1	9	225	7	4.38	.03	<10	3.09	377	13	.02	72	520	10	10	<20	14	.01	30	102	<10	2	75
408 A-	25	73757	<.2	<.01	10	<2	<5	<5	.84	1	3	209	8	.40	<.01	<10	.05	72	13	.02	10	30	2	<5	<20	5	<.01	10	2	<10	<1	<1
408 A-	26	73758	.1	<.01	<5	2	<5	<5	.04	1	1	209	3	.4	.01	<10	.01	37	15	.03	4	102	<2	<5	<20	2	<.01	20	1	<10	<1	2

NOTE: < = LESS THAN

CC: JEAN PAUTLER
FAX: TECK, KAMLOOPS
SC89/TECK1

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

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

JULY 17, 1989

CERTIFICATE OF ANALYSIS ETK 89-409

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 2 SILT samples received July 6, 1989
PROJECT: 1366

ET#	Description	AU (ppb)	HG (ppb)
409 - 1	TA ST 01	5	20
409 - 2	TA ST 03	5	75

NOTE: < = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

SC89/TECK1

cc: JEAN PAUTLER
PEMBERTON HELICOPTERS
BOX 579 PEMBERTON
VON 2L0

ECO-TECH LABORATORIES LTD.

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

JULY 20, 1989

TECK EXPLORATIONS LTD. - ETK89-409A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BAILEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
2 SILT SAMPLES RECEIVED JULY 6, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
409 A- 1	TA ST 01	.4	2.56	20	<2	45	<5	1.32	<1	30	137	39	5.05	.14	<10	2.38	859	4	.02	132	2020	12	10	<20	44	.10	20	71	<10	5	99
409 A- 2	TA ST 03	.6	2.51	25	4	65	<5	1.12	2	36	155	69	5.36	.14	<10	2.36	984	5	.02	173	1350	14	15	<20	46	.10	10	82	<10	8	121

NOTE: < = LESS THAN

CC: JEAN PAUTLER

FAX: TECK, KAMLOOPS
SCB9/TECK1

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

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

JULY 11,1989

CERTIFICATE OF ANALYSIS ETK 89-410

EXPLORATIONS LTD.
175 SECOND AVENUE
OPS, B.C.
N1

TION: FRED DALEY

F IDENTIFICATION: 53 ROCK samples received July 6, 1989

	Description	AU (ppb)
1	73944	5
2	73945	10
3	73946	5
4	73947	5
5	73948	10
6	73949	10
7	73950	10
8	73994	5
9	73995	5
10	73996	10
11	73997	5
12	73998	5
13	73999	10
14	74000	10
15	AL - 89 - J1	5
16	AL - 89 - J2	5
17	AL - 89 - J3	10
18	AL - 89 - J4	10
19	AL - 89 - J5	5
20	AL - 89 - J6	10
21	AL - 89 - J7	5
22	AL - 89 - J8	5
23	AL - 89 - J9	5
24	AL - 89 -J10	5
25	AL - 89 -J11	10
26	AL - 89 -J12	5
27	AL - 89 -J13	5
28	AL - 89 -J14	10
29	AL - 89 -J15	10
30	AL - 89 -J16	5

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING
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JULY 17,1989

CERTIFICATE OF ANALYSIS ETK 89-410B

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 53 ROCK samples received July 6, 1989

ET#	Description	HG (ppb)
410 - 1	73944	25
410 - 2	73945	45
410 - 3	73946	140
410 - 4	73947	80
410 - 5	73948	65
410 - 6	73949	25
410 - 7	73950	30
410 - 8	73994	20
410 - 9	73995	35
410 - 10	73996	20
410 - 11	73997	20
410 - 12	73998	20
410 - 13	73999	35
410 - 14	74000	55
410 - 15	AL - 89 - J1	25
410 - 16	AL - 89 - J2	25
410 - 17	AL - 89 - J3	20
410 - 18	AL - 89 - J4	70
410 - 19	AL - 89 - J5	40
410 - 20	AL - 89 - J6	25
410 - 21	AL - 89 - J7	15
410 - 22	AL - 89 - J8	65
410 - 23	AL - 89 - J9	35
410 - 24	AL - 89 -J10	30
410 - 25	AL - 89 -J11	35
410 - 26	AL - 89 -J12	30
410 - 27	AL - 89 -J13	70
410 - 28	AL - 89 -J14	50
410 - 29	AL - 89 -J15	80
410 - 30	AL - 89 -J16	25

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ASSAYING - ENVIRONMENTAL TESTING
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EXPLORATIONS LTD.

	Description	NU (ppb)
- 31	VAL - 89 -J17	10
- 32	VAL - 89 - 07 C.L. DARCY	5
- 33	VAL - 89 - 08 C.L. DARCY	10
- 34	VAL - 89 - 09 C.L. D'ARC	5
- 35	VAL - 89 - 10 C.L. D'ARC	10
- 36	VAL - 89 - 11 C.L. D'ARC	10
- 37	VAL - 89 - 12 C.L. D'ARC	10
- 38	VAL - 89 - 13 C.L. D'ARC	5
- 39	VAL - 89 - 14 C.L. D'ARC	5
- 40	VAL - 89 - 15 C.L. D'ARC	15
- 41	VAL - 89 - 16 C.L. D'ARC	20
- 42	VAL - 89 - 17 C.L. D'ARC	[illegible]
- 43	VAL - 89 - 18 C.L. D'ARC	10
- 44	VAL - 89 - 19 C.L. D'ARC	10
- 45	VAL - 89 - 20 C.L. D'ARC	5
- 46	VAL - 89 - 21 C.L. D'ARC	5
- 47	VAL - 89 - 22 C.L. D'ARC	5
- 48	VAL - 89 - 23 C.L. D'ARC	10
- 49	VAL - 89 - 24 C.L. D'ARC	10
- 50	VAL - 89 - 26 C.L. D'ARC	10
- 51	VAL - 89 - 25 C.L. D'ARC	5
- 52	VAL - 89 - 27 C.L. D'ARC	5
- 53	VAL - 89 - 28 C.L. D'ARC	10

< = less than

ECO-TECH LABORATORIES LTD.
LOUG HOWARD
B.C. Certified Assayer

P/TECK1

JEAN PAUTLER
PEMBERTON HELICOPTERS
PEMBERTON B.C.

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

EXPLORATIONS LTD.

ET#	Description	HG (ppb)
410 - 31	AL - 89 -J17	25
410 - 32	AL - 89 - 07 C.L. DARCY	20
410 - 33	AL - 89 - 08 C.L. DARCY	25
410 - 34	AL - 89 - 09 C.L. D'ARC	15
410 - 35	AL - 89 - 10 C.L. D'ARC	65
410 - 36	AL - 89 - 11 C.L. D'ARC	10
410 - 37	AL - 89 - 12 C.L. D'ARC	30
410 - 38	AL - 89 - 13 C.L. D'ARC	15
410 - 39	AL - 89 - 14 C.L. D'ARC	70
410 - 40	AL - 89 - 15 C.L. D'ARC	1330
410 - 41	AL - 89 - 16 C.L. D'ARC	1325
410 - 42	AL - 89 - 17 C.L. D'ARC	1065
410 - 43	AL - 89 - 18 C.L. D'ARC	120
410 - 44	AL - 89 - 19 C.L. D'ARC	15
410 - 45	AL - 89 - 20 C.L. D'ARC	15
410 - 46	AL - 89 - 21 C.L. D'ARC	5
410 - 47	AL - 89 - 22 C.L. D'ARC	5
410 - 48	AL - 89 - 23 C.L. D'ARC	10
410 - 49	AL - 89 - 24 C.L. D'ARC	20
410 - 50	AL - 89 - 24 C.L. D'ARC	25
410 - 51	AL - 89 - 25 C.L. D'ARC	5
410 - 52	AL - 89 - 27 C.L. D'ARC	5
410 - 53	AL - 89 - 28 C.L. D'ARC	<5

NOTE: < = less than

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SC89/TECK1

ECO-TECH LABORATORIES LTD.

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

JULY 26, 1989

TECK EXPLORATIONS LTD. - ETK89-410A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BALEY

PROJECT: 1366
53 ROCK SAMPLES RECEIVED JULY 6, 1989

VALUES IN PPM UNLESS OTHERWISE REPORTED

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
410 - 1	73944	.4	.27	<5	<2	10	<5	.16	2	3	187	18	.91	.01	<10	.23	404	16	.02	11	470	10	<5	<20	6	<.01	20	13	<10	4	33
410 - 2	73945	.4	.14	5	4	10	<5	.11	<1	4	260	18	.70	.01	<10	.09	881	17	.02	19	320	16	<5	<20	5	<.01	10	5	<10	4	33
410 - 3	73946	.2	.13	5	6	35	<5	.03	<1	2	116	5	.82	<.01	<10	<.01	48	13	.02	3	30	6	<5	<20	3	<.01	10	3	<10	2	26
410 - 4	73947	.6	.19	10	4	365	<5	.14	<1	3	134	11	1.40	.08	<10	.03	2765	15	.05	22	80	24	<5	<20	16	<.01	20	20	<10	16	60
410 - 5	73948	<.2	.05	5	22	5	<5	6.91	2	1	167	10	.25	.07	<10	.02	127	14	.03	4	260	24	<5	<20	73	<.01	10	2	<10	3	6
410 - 6	73949	.4	.12	10	<2	225	<5	4.97	1	6	173	9	1.72	.05	<10	1.15	674	14	.03	12	130	16	<5	<20	64	<.01	30	7	<10	4	24
410 - 7	73950	.4	.10	5	4	35	<5	2.86	<1	4	244	22	.50	.02	<10	.08	293	19	.02	8	170	4	<5	<20	99	<.01	30	8	<10	2	6
410 - 8	73994	.4	.39	5	716	5	<5	3.15	1	7	190	34	1.14	.01	<10	.37	293	11	.02	14	80	2	5	<20	18	.03	20	19	<10	3	17
410 - 9	73995	<.2	1.31	5	64	25	<5	2.55	<1	21	132	64	2.42	.04	<10	1.20	467	6	.03	39	470	8	5	<20	59	.09	30	72	<10	5	60
410 - 10	73996	3.2	.79	15	6	25	<5	1.05	2	20	105	1911	2.19	.06	<10	.62	332	7	.03	39	1250	6	5	<20	35	.09	30	54	<10	4	130
410 - 11	73997	.4	.23	<5	444	5	<5	2.57	<1	6	118	21	.63	.01	<10	.17	229	10	.02	6	110	2	<5	<20	16	.09	20	17	<10	2	18
410 - 12	73998	.2	1.25	10	106	10	<5	>15.00	<1	16	95	21	1.75	.03	<10	1.05	633	5	.03	28	500	12	5	<20	111	.04	<10	42	<10	5	37
410 - 13	73999	.4	.54	5	6	5	<5	.64	<1	12	129	30	1.17	.02	<10	.40	144	9	.03	27	160	4	5	<20	19	.04	20	15	<10	1	21
410 - 14	74000	<.2	.21	<5	264	10	<5	2.57	1	4	118	259	.55	.03	<10	.14	368	7	.03	12	230	6	<5	<20	8	.02	20	10	<10	1	13
410 - 15	AL-89-J1	.4	.14	5	12	10	<5	.08	1	3	209	5	.55	.05	<10	.13	170	18	.02	10	90	<2	<5	<20	26	.01	10	8	<10	1	7
410 - 16	AL-89-J2	.2	.27	5	10	30	<5	1.80	2	6	181	30	1.02	.06	<10	.25	351	15	.02	35	130	16	<5	<20	42	.01	10	8	<10	4	34
410 - 17	AL-89-J3	.2	.46	10	4	35	<5	.18	<1	6	172	22	1.39	.08	<10	.32	917	15	.02	21	130	6	5	<20	5	.03	<10	15	<10	2	36
410 - 18	AL-89-J4	9.0	.56	40	<2	10	<5	.79	15	9	128	4634	2.70	<.01	<10	.30	631	11	.02	11	3050	56	<5	<20	15	<.01	20	18	30	5	1683
410 - 19	AL-89-J5	.6	.29	5	<2	20	<5	.38	<1	6	193	49	1.42	.04	<10	.31	233	14	.03	28	180	8	<5	<20	6	.01	10	10	<10	3	49
410 - 20	AL-89-J6	.4	2.30	<5	<2	10	<5	.50	<1	26	90	146	6.79	.02	<10	2.29	773	4	.02	35	830	26	5	<20	2	.12	20	92	<10	3	71
410 - 21	AL-89-J7	2.0	2.08	<5	<2	20	<5	.73	<1	83	150	2399	11.17	.28	<10	2.03	531	11	.02	58	1570	22	5	<20	2	.10	30	154	10	3	597
410 - 22	AL-89-J8	.2	.12	<5	<2	10	<5	2.15	<1	<1	<1	34	<.01	.02	<10	.07	<1	<1	.02	<1	<10	30	<5	<20	38	<.01	20	5	<10	2	<1
410 - 23	AL-89-J9	<.2	<.01	5	<2	5	<5	<.01	<1	22	24	<1	3.81	.02	<10	.13	594	4	.02	98	1490	4	10	<20	<1	<.01	<10	<1	<10	<1	68
410 - 24	AL-89-J10	.2	.13	5	<2	5	<5	2.18	<1	4	151	35	.73	.01	<10	.10	297	10	.02	9	120	8	<5	<20	41	.01	10	10	<10	3	16
410 - 25	AL-89-J11	.2	.09	<5	<2	5	<5	.15	<1	3	195	57	.67	.02	<10	.07	88	14	.02	7	140	2	<5	<20	2	<.01	20	5	<10	1	10
410 - 26	AL-89-J12	<.2	.03	5	2	5	<5	.04	<1	3	210	15	.34	.04	<10	.02	50	15	.02	4	40	6	<5	<20	<1	.01	20	4	<10	<1	1

ECO-TECH LABORATORIES LTD. — TECK EXPLORATIONS LTD. - ETK89-410A

PAGE 2

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
410 - 27	AL- 89- J13	<.2	.10	5	6	15	<5	1.05	<1	3	141	7	.46	.01	<10	.09	232	11	.02	10	140	2	<5	<20	42	<.01	10	2	<10	1	9
410 - 28	AL- 89- J14	<.2	<.01	10	2	<5	10	<.01	5	2	<1	<1	.02	.02	<10	<.01	10	10	.02	1	80	14	<5	<20	<1	<.01	20	<1	<10	<1	11
410 - 29	AL- 89- J15	<.2	.10	<5	<2	5	<5	2.79	8	2	196	24	.62	.01	<10	.06	220	14	.02	5	50	12	<5	<20	90	<.01	30	3	<10	2	3
410 - 30	AL- 89- J16	12.8	.63	10	<2	<5	<5	.91	<1	38	138	>10000	3.05	.01	<10	.40	530	14	.01	20	9150	2	<5	<20	17	.07	30	20	10	6	414
410 - 31	AL- 89- J17	44.4	.92	15	<2	<5	<5	2.49	<1	48	97	>10000	5.41	.04	<10	.56	596	7	.03	26	>10000	4	<5	<20	30	.06	30	26	20	7	514
410 - 32	AL- 89- 07 C.L. DARCY	.2	.27	30	<2	5	<5	.38	<1	58	343	120	1.51	.11	<10	.93	103	3	.02	735	140	68	5	<20	9	<.01	20	7	<10	1	9
410 - 33	AL- 89- 08 C.L. DARCY	.4	.23	5	<2	10	<5	3.80	<1	6	270	230	1.25	.12	<10	.18	431	10	.02	23	200	140	<5	<20	121	<.01	20	9	<10	4	18
410 - 34	AL- 89- 09 C.L. D'ARC	.4	1.62	15	<2	<5	<5	<.01	<1	24	227	58	2.26	.02	<10	1.28	848	6	.02	44	139	14	5	<20	40	.07	20	63	<10	2	72
410 - 35	AL- 89- 10 C.L. D'ARC	.6	.69	15	<2	10	<5	.39	<1	10	155	75	1.82	.05	<10	.65	429	13	.02	44	310	6	5	<20	10	.04	10	27	<10	3	71
410 - 36	AL- 89- 11 C.L. D'ARC	1.0	.29	10	292	<5	<5	5.34	<1	8	120	91	2.34	.02	<10	.24	2181	12	.02	12	240	48	10	<20	42	.02	<10	25	<10	2	304
410 - 37	AL- 89- 12 C.L. D'ARC	1.4	.71	5	<2	30	<5	1.73	1	19	96	502	4.06	.08	<10	.61	1487	8	.02	22	350	14	10	<20	15	.09	<10	55	<10	3	162
410 - 38	AL- 89- 13 C.L. D'ARC	.4	.62	20	<2	25	<5	12.35	2	16	37	155	5.00	.02	<10	.48	3930	3	.02	23	120	16	25	<20	88	.01	<10	62	<10	4	85
410 - 39	AL- 89- 14 C.L. D'ARC	.2	1.79	35	10	55	<5	8.16	1	30	101	41	3.26	.08	<10	2.38	1227	7	.05	72	2040	64	15	<20	104	.13	<10	59	<10	7	219
410 - 40	AL- 89- 15 C.L. D'ARC	1.0	1.31	50	34	55	<5	4.18	<1	55	18	157	8.78	.19	<10	1.23	1733	7	.02	44	2270	48	20	<20	77	.01	10	129	<10	27	361
410 - 41	AL- 89- 16 C.L. D'ARC	1.0	.36	75	22	30	<5	8.05	2	20	94	60	4.52	.07	<10	.92	1654	7	.02	21	1100	58	15	<20	103	<.01	10	50	<10	13	220
410 - 42	AL- 89- 17 C.L. D'ARC	.8	.72	410	24	270	<5	2.08	6	24	91	60	4.62	.09	<10	.33	1890	21	.02	21	650	540	10	<20	44	<.01	<10	69	20	18	922
410 - 43	AL- 89- 18 C.L. D'ARC	.2	2.30	135	10	110	<5	1.22	1	41	32	69	7.89	.28	<10	1.80	556	5	.05	25	2990	16	25	<20	26	.22	<10	217	<10	18	133
410 - 44	AL- 89- 19 C.L. D'ARC	.2	1.36	20	<2	5	<5	1.15	<1	13	231	37	2.40	.07	<10	1.57	412	17	.03	74	330	10	10	<20	23	.01	20	51	<10	5	59
410 - 45	AL- 89- 20 C.L. D'ARC	.2	.19	10	2	25	<5	1.80	<1	8	235	28	.96	.01	<10	.22	210	15	.02	15	40	2	<5	<20	16	.01	30	16	<10	2	10
410 - 46	AL- 89- 21 C.L. D'ARC	.4	.59	80	2	35	<5	.05	<1	52	1213	56	2.10	.02	<10	1.77	107	6	.02	536	90	<2	10	<20	4	.01	<10	21	<10	<1	14
410 - 47	AL- 89- 22 C.L. D'ARC	<.2	.24	90	48	30	<5	1.13	<1	63	534	19	2.54	.01	<10	6.84	390	6	.02	1118	40	8	10	<20	16	<.01	20	12	<10	<1	18
410 - 48	AL- 89- 23 C.L. D'ARC	.2	.43	10	2	30	<5	.38	2	12	166	39	1.15	.03	<10	.30	247	10	.02	62	320	14	5	<20	12	.03	<10	13	<10	3	56
410 - 49	AL- 89- 24 C.L. D'ARC	.2	.56	10	<2	50	<5	14.39	1	14	137	16	.88	.02	<10	.89	560	9	.02	29	60	10	<5	60	67	<.01	<10	15	<10	3	6
410 - 50	AL- 89- 26 C.L. D'ARC	.2	.37	10	4	30	<5	.77	1	9	176	28	1.04	.02	<10	.20	268	10	.02	14	50	16	<5	<20	9	.01	<10	8	<10	1	24
410 - 51	AL- 89- 25 C.L. D'ARC	.4	.06	5	<2	<5	<5	.01	<1	8	174	797	.69	.02	<10	.40	90	12	.02	16	610	4	<5	<20	<1	<.01	20	6	<10	<1	8
410 - 52	AL- 89- 27 C.L. D'ARC	.2	.13	20	<2	10	<5	.11	<1	6	220	21	1.51	.02	<10	.11	593	13	.02	15	230	4	<5	<20	4	<.01	10	7	<10	3	.11
410 - 53	AL- 89- 28 C.L. D'ARC	1.8	.28	5	<2	20	<5	.22	1	6	253	61	2.43	.06	<10	.16	312	18	.02	28	930	2	<5	<20	11	<.01	10	14	<10	4	.22

NOTE: < = LESS THAN

CC: JEAN PAULTER
C/O PEMBERTON HELICOPTERS
PEMBERTON, B.C.
FAX: TECK, KAMLOOPS
SC89/TECK1

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

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

JULY 12,1989

CERTIFICATE OF ANALYSIS ETK 89-413

HG AND ICP TO FOLLOW

K EXPLORATIONS LTD.
, 175 SECOND AVENUE
LOOPS, B.C.
5W1

TENTION: FRED DALEY

PLE IDENTIFICATION: 28 ROCK samples received July 6, 1989
PROJECT: 1366
SHIP# 4

T#	Description	AU (ppb)	AU (g/t)
3 - 1	73675	60	
3 - 2	73676	10	
3 - 3	73677	10	
3 - 4	73678	10	
3 - 5	73679	5	
3 - 6	73680	10	
3 - 7	73681	5	
3 - 8	73682	<5	
3 - 9	73683	5	
3 - 10	73684	<5	
3 - 11	73685	10	
3 - 12	73686 MAC	10	
3 - 13	73687 MAC	5	
3 - 14	73688	5	
3 - 15	73689	10	
3 - 16	73896	10	
3 - 17	73897	10	
3 - 18	73898	50	
3 - 19	73899	30	
3 - 20	73900	10	
13 - 21	73901	5	
13 - 22	73902	10	
13 - 23	73903	10	
13 - 24	73904	5	
13 - 25	73905	10	
13 - 26	73906	>1000	12.09>
13 - 27	73907	110	
13 - 28	73908	10	

OTE: < = less than

c: JEAN PAUTLER
PEMBERTON HELI
BOX 579 PEMBERTON

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-6700 Fax 573-4557

JULY 17, 1989

CERTIFICATE OF ANALYSIS ETK 89-4138

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 28 ROCK samples received July 6, 1989
PROJECT: 1366
SHIP# 4

ET#	Description	HG (ppb)
413 - 1	73675	5
413 - 2	73676	<5
413 - 3	73677	20
413 - 4	73678	25
413 - 5	73679	10
413 - 6	73680	110
413 - 7	73681	25
413 - 8	73682	25
413 - 9	73683	40
413 - 10	73684	20
413 - 11	73685	560
413 - 12	73686	280
413 - 13	73687	365
413 - 14	73688	420
413 - 15	73689	65
413 - 16	73896	82
413 - 17	73897	190
413 - 18	73898	170
413 - 19	73899	125
413 - 20	73900	135
413 - 21	73901	35
413 - 22	73902	65
413 - 23	73903	115
413 - 24	73904	90
413 - 25	73905	30
413 - 26	73906	125
413 - 27	73907	20
413 - 28	73908	30

NOTE: < = less than

cc: JEAN PAUTLER
PEMBERTON HELI
BOX 579 PEMBERTON

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

SD89/TECK1

ECO-TECH LABORATORIES LTD.

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

JULY 17, 1989

TECK EXPLORATIONS LTD. - ETK89-413A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED DALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
28 ROCK SAMPLES RECEIVED JULY 6, 1989

ETK#	DESCRIPTIONS		AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN	Au	Hg
413 A-	1	73675	.8	.30	100	<2	40	<5	2.84	3	10	95	65	1.49	.21	<10	.33	3813	<1	<.01	28	200	42	<5	20	65	.02	20	10	<10	2	38	60	
413 A-	2	73676	.2	.38	10	<2	25	<5	.10	<1	8	139	49	1.11	.13	<10	.30	509	6	<.01	24	140	6	<5	<20	3	.01	10	13	<10	2	34		
413 A-	3	73677	.2	.47	5	160	60	<5	.27	<1	7	197	18	1.26	.12	<10	.32	677	11	.01	10	90	8	<5	60	2	.06	10	27	<10	2	15		
413 A-	4	73678	<.2	.04	<5	4	<5	<5	1.64	<1	2	146	3	.17	.02	<10	.03	173	10	<.01	3	40	2	<5	<20	19	.01	<10	3	<10	1	<1		
413 A-	5	73679	.2	2.55	25	<2	20	<5	7.93	1	28	95	31	4.74	.03	<10	2.27	1585	<1	<.01	34	630	8	<5	20	73	.03	10	165	<10	7	62		
413 A-	6	73680	.2	.12	5	<2	10	<5	.13	<1	3	126	13	.68	.04	<10	.06	164	7	<.01	11	120	4	<5	<20	2	<.01	<10	6	<10	1	13		
413 A-	7	73681	.2	.46	10	<2	40	<5	.52	<1	9	83	34	1.82	.15	<10	.33	326	<1	<.01	23	200	6	<5	<20	7	<.01	10	24	<10	5	48		
413 A-	8	73682	.2	.14	<5	<2	40	<5	.02	<1	6	102	26	.95	.15	<10	.08	1131	4	.01	17	40	6	<5	<20	2	.02	<10	14	<10	1	20		
413 A-	9	73683	.2	2.36	15	2	20	<5	.39	1	28	86	67	5.34	.06	<10	2.21	898	<1	.01	22	840	10	<5	120	3	.13	<10	112	<10	7	201		
413 A-	10	73684	.2	.06	<5	4	5	<5	2.37	<1	2	179	10	.38	.02	<10	.04	223	12	<.01	4	230	8	<5	<20	22	<.01	10	5	<10	1	3		
413 A-	11	73685	.2	2.35	20	<2	95	<5	4.26	1	43	150	268	5.72	1.00	<10	2.60	1276	<1	1.00	44	1280	12	<5	60	103	.08	10	141	<10	20	81	560	
413 A-	12	73686	1.0	.11	5	<2	55	<5	1.46	<1	4	170	42	1.94	.12	<10	.37	6266	<1	<.01	21	150	18	<5	<20	24	<.01	30	38	<10	5	31	280	
413 A-	13	73687	1.0	.28	5	<2	125	<5	.78	<1	11	81	66	3.47	.25	<10	.36	6673	<1	<.01	44	340	24	<5	20	21	.01	30	73	<10	8	78	364	
413 A-	14	73688	.2	.47	10	4	105	<5	7.36	1	33	69	29	5.83	.29	<10	1.66	1618	<1	<.01	55	1230	14	<5	<20	187	.01	10	138	<10	24	83	420	
413 A-	15	73689	.2	1.48	20	<2	20	<5	6.89	1	33	653	35	3.20	.04	<10	5.07	962	<1	<.01	444	320	10	<5	<20	104	<.01	30	50	<10	8	52		
413 A-	16	73896	.2	1.16	10	<2	20	<5	.20	<1	7	146	46	3.57	.21	<10	1.47	233	<1	<.01	24	420	10	<5	40	8	.04	10	37	<10	5	68	190	
413 A-	17	73897	.2	.46	5	<2	40	<5	.08	<1	8	188	26	1.59	.09	<10	.41	798	12	<.01	41	250	14	<5	<20	4	<.01	10	12	<10	2	46	170	
413 A-	18	73898	.2	.27	15	<2	25	<5	.14	1	7	232	18	1.56	.08	<10	.14	309	5	<.01	26	250	6	<5	<20	8	<.01	10	7	<10	3	25	125	
413 A-	19	73899	.2	.22	35	<2	50	<5	.24	1	7	120	10	2.01	.14	<10	.07	445	5	.02	19	690	4	<5	<20	14	<.01	<10	7	<10	5	35	135	
413 A-	20	73900	.4	.43	15	<2	35	<5	3.98	1	5	96	16	2.67	.09	<10	.31	682	<1	.01	12	590	4	<5	<20	27	<.01	10	23	<10	6	50		

ECO-TECH LABORATORIES LTD.

TECK EXPLORATIONS LTD. - ETKB9-413A

PAGE 2

ETK#	DESCRIPTIONS		AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN	Au	Hg
413 A-	21	73901	<.2	.11	5	<2	30	<5	.07	<1	5	246	12	.86	.07	<10	.07	208	17	<.01	14	110	4	<5	<20	5	<.01	20	4	<10	1	14		
413 A-	22	73902	2.2	.18	45	<2	50	<5	.06	<1	4	106	4	.84	.11	<10	.04	420	2	3.00	59	160	264	<5	<20	6	<.01	20	2	<10	2	49		
413 A-	23	73903	.8	.14	380	<2	30	<5	.24	<1	73	366	22	4.19	.08	<10	5.03	670	<1	<.01	1300	140	18	<5	<20	25	<.01	30	9	<10	2	39		115
413 A-	24	73904	.2	.10	20	4	25	<5	.29	<1	2	246	4	.51	.07	<10	.04	244	8	2.00	28	910	50	<5	<20	24	<.01	10	1	<10	3	28		
413 A-	25	73905	.4	.10	150	<2	10	<5	.88	<1	65	327	15	3.22	.02	<10	1.46	1093	<1	<.01	1121	50	12	<5	<20	49	<.01	30	6	<10	1	14		
413 A-	26	73906	146.6	.04	10	<2	15	<5	.02	6	3	353	12	.49	.04	<10	.04	109	12	<.01	28	20	216	<5	<20	2	<.01	10	3	<10	<1	76	>1000	125
413 A-	27	73907	1.2	1.58	25	<2	40	<5	.51	<1	15	67	68	3.48	.12	<10	1.27	569	<1	.01	20	550	10	<5	40	20	.05	20	40	<10	6	84		
413 A-	28	73908	.4	.12	15	<2	5	<5	.01	<1	6	239	5	1.03	.03	<10	.07	254	5	<.01	18	40	6	<5	<20	1	<.01	10	7	<10	<1	9		

1209 g/t

NOTE: < = LESS THAN

FAX: TECK, KAMLOOPS
SCB9/TECK1

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

JULY 26,1989

CERTIFICATE OF ANALYSIS ETK 89-435

ICP TO FOLLOW

ECK EXPLORATIONS LTD.
SO, 175 SECOND AVENUE
AMLOOPS, B.C.
2C 5W1

ATTENTION: FRED DALEY

AMPLE IDENTIFICATION: 11[illegible] samples received July 13, 1989
PROJECT: 1366
SHIP.# 6

ET#	Description	AU (ppb)	AU (g/t)	HG (ppb)
35 - 1	24101	40		10
35 - 2	24102	5		25
35 - 3	24103	5		30
35 - 4	24104	10		20
35 - 5	24105	5		35
35 - 6	24106	10		35
35 - 7	24107	5		30
35 - 8	24108	5		100
35 - 9	24109	5		<5
35 - 10	24110	10		25
35 - 11	24111	15		20
35 - 12	24112	10		50
35 - 13	24113	10		45
35 - 14	24114	15		50
35 - 15	24115	10		90
35 - 16	24116	5		5
35 - 17	24117	5		85
35 - 18	24118	10		580
35 - 19	24119	5		20
35 - 20	24120	10		155
35 - 21	24121	5		70
35 - 22	24122	5		30
35 - 23	24123	20		220
35 - 24	24124	10		95
35 - 25	24125	20		10
35 - 26	24126	10		25
35 - 27	24201	55		70
35 - 28	24202	300		15
35 - 29	24203	>1000	.96	10
35 - 30	24204	50		90

[illegible]-Ward, Certified Assayer

Page 1

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

TECK EXPLORATIONS LTD. JULY 26,1989

ET#	Description	AU (ppb)	AU (g/t)	HG (ppb)
435 - 31	24205	10		60
435 - 32	24207	10		>1000
435 - 33	24208	10		115
435 - 34	24209	15		155
435 - 35	24210	20		85
435 - 36	24211	5		80
435 - 37	24212	15		25
435 - 38	24213	20		20
435 - 39	24214	10		45
435 - 40	24215	5		65
435 - 41	24216	5		25
435 - 42	24217	10		40
435 - 43	24218	10		45
435 - 44	24219	5		40
435 - 45	24220	10		60
435 - 46	24221	5		60
435 - 47	24222	15		60
435 - 48	24223	5		40
435 - 49	24224	10		80
435 - 50	24225	10		20
435 - 51	24226	5		40
435 - 52	24227	5		70
435 - 53	24228	5		60
435 - 54	24229	15		20
435 - 55	24301	10		55
435 - 56	24302	10		70
435 - 57	24303	5		50
435 - 58	24304	10		130
435 - 59	24305	10		70
435 - 60	24306	10		65
435 - 61	24307	5		70
435 - 62	24308	5		30
435 - 63	24309	5		200
435 - 64	24310	15		20
435 - 65	24311	10		45
435 - 66	24312	10		20
435 - 67	24313	10		30
435 - 68	24314	10		50
435 - 69	24316	5		5
435 - 70	24317	5		70
435 - 71	24318	10		40
435 - 72	24319	20		15
435 - 73	24320	10		40
435 - 74	24321	10		50
435 - 75	24322	10		20

Doug Howard, Certified Assayer

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

TECK EXPLORATIONS LTD. JULY 26,1989

ET#	Description	AU (ppb)	AU (g/t)	Hg (ppb)
435 - 76	24323	5		50
435 - 77	24324	5		15
435 - 78	24325	10		15
435 - 79	24326	5		20
435 - 80	24327	5		70
435 - 81	24328	5		30
435 - 82	24329	<5		5
435 - 83	24401	15		<5
435 - 84	24402	120		5
435 - 85	24403	325		35
435 - 86	24404	5		75
435 - 87	24405	10		25
435 - 88	24407	5		60
435 - 89	24408	5		55
435 - 90	24409	5		25
435 - 91	24410	10		5
435 - 92	24412	5		<5
435 - 93	24413	10		35
435 - 94	24414	10		20
435 - 95	24415	5		10
435 - 96	24416	10		5
435 - 97	24417	10		25
435 - 98	24418	15		60
435 - 99	24419	10		15
435 - 100	24420	10		10
435 - 101	24421	40		35
435 - 102	24423	10		10
435 - 103	24426	10		15
435 - 104	24427	10		<5
435 - 105	24431	5		5
435 - 106	24432	15		<5
435 - 107	24433	10		<5
435 - 108				
435 - 109				
435 - 110				

NOTE: < = less.

cc: JEN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579
PEMBERTON, B.C.

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.

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

AUGUST 3, 1989

TECK EXPLORATIONS LTD. - ETK89-435A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
110 ROCK/SILT SAMPLES RECEIVED JULY 13,1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
435 A- 1	24101	.4	.18	125	10	15	<5	.07	<1	6	127	16	.93	.05	<10	.15	117	10	.03	17	220	28	<5	<20	15	.01	30	13	<10	3	22
435 A- 2	24102	.4	.07	20	12	10	<5	.02	<1	5	195	5	.41	.01	<10	.06	135	12	.03	26	40	6	<5	<20	3	<.01	30	10	<10	2	7
435 A- 3	24103	.6	.22	15	6	<5	<5	9.88	<1	5	128	11	.35	.01	<10	.25	185	7	.02	9	30	10	<5	<20	84	<.01	30	12	<10	3	4
435 A- 4	24104	.4	.08	5	8	5	<5	.37	<1	8	242	5	.32	<.01	<10	.08	79	13	.02	9	40	34	<5	<20	3	<.01	10	13	<10	2	8
435 A- 5	24105	.6	1.07	5	6	10	<5	4.93	<1	18	234	12	.94	.02	<10	1.35	287	9	.03	48	50	12	5	<20	21	.01	30	26	10	3	10
435 A- 6	24106	.6	1.92	10	8	5	<5	.31	<1	23	320	29	2.88	.01	<10	2.95	308	7	.02	85	40	16	5	<20	3	.06	30	43	<10	3	30
435 A- 7	24107	.4	.44	<5	8	<5	<5	10.80	<1	9	147	15	1.01	<.01	10	.39	418	9	.03	10	70	8	<5	<20	105	.02	20	36	10	4	11
435 A- 8	24108	1.0	.52	5	8	5	<5	.09	<1	3	94	29	3.03	.02	10	.46	301	7	.04	4	110	38	<5	<20	11	.08	10	10	<10	4	43
435 A- 9	24109	.8	.22	20	12	35	<5	.06	<1	6	66	11	6.03	.09	<10	.01	33	7	.10	2	190	12	<5	<20	6	.12	20	77	<10	4	67
435 A- 10	24110	.8	.16	10	8	5	<5	.97	<1	10	261	3	.52	.01	<10	.19	111	13	.03	14	40	22	<5	<20	5	<.01	30	21	<10	2	7
435 A- 11	24111	4.2	3.97	55	10	5	<5	6.45	<1	50	194	1896	6.58	.01	10	4.42	720	2	.04	59	1330	8	10	<20	53	.01	30	276	10	6	73
435 A- 12	24112	.8	3.29	85	6	<5	<5	5.93	<1	72	202	351	8.72	.02	10	4.35	978	4	.03	65	540	14	20	<20	37	<.01	30	350	10	4	64
435 A- 13	24113	.4	.59	10	10	5	<5	10.75	<1	9	165	27	.93	<.01	<10	.67	592	10	.02	15	80	22	<5	<20	114	<.01	30	34	10	7	10
435 A- 14	24114	.6	.23	195	8	10	<5	3.99	<1	22	220	6	1.72	.01	<10	1.11	440	10	.02	57	40	10	<5	<20	33	<.01	30	43	<10	3	11
435 A- 15	24115	.8	.04	15	14	5	<5	.14	<1	6	226	5	.38	<.01	<10	.04	97	13	.03	8	30	18	<5	<20	2	<.01	30	15	<10	1	6
435 A- 16	24116	.6	.47	25	12	10	<5	.07	<1	14	194	51	1.77	.02	<10	.40	257	12	.03	19	80	10	5	<20	2	<.01	30	45	<10	3	18
435 A- 17	24117	.8	.06	10	12	10	<5	.85	<1	5	184	14	.66	.02	<10	.02	168	13	.03	8	70	26	<5	<20	8	<.01	30	13	<10	2	13
435 A- 18	24118	.6	.45	20	20	15	<5	>15.00	<1	28	129	38	5.27	.01	<10	4.97	1416	5	.03	43	330	18	5	<20	290	<.01	30	189	10	17	45
435 A- 19	24119	.8	.04	10	12	10	<5	1.19	<1	4	195	4	.43	.01	<10	.05	154	13	.03	9	100	14	<5	<20	32	<.01	30	13	<10	3	5
435 A- 20	24120	1.0	.09	20	14	15	<5	2.74	<1	7	167	4	.96	.01	<10	.07	379	12	.03	12	310	24	<5	<20	56	<.01	20	17	<10	5	11
435 A- 21	24121	.2	.14	5	6	5	<5	3.29	<1	4	46	1	1.16	<.01	<10	.13	338	5	.06	4	3770	10	<5	<20	56	<.01	<10	2	<10	10	9
435 A- 22	24122	.4	.16	5	<2	5	<5	.09	<1	7	183	4	.39	<.01	<10	.27	102	13	.03	82	120	14	5	<20	2	.01	30	2	<10	<1	7
435 A- 23	24123	.8	.74	5	<2	20	<5	.12	<1	18	123	126	2.15	.03	<10	.86	251	10	.03	227	270	24	10	<20	6	.11	30	48	<10	8	52
435 A- 24	24124	.4	.20	5	<2	10	<5	.51	<1	9	198	9	.54	<.01	<10	.28	248	15	.02	49	150	14	<5	<20	31	.02	20	8	<10	1	8
435 A- 25	24125	.8	.42	30	<2	15	<5	3.44	<1	28	65	354	.40	<.01	<10	.14	101	4	.03	73	450	14	5	<20	8	.01	<10	6	<10	1	18
435 A- 26	24126	.6	1.63	5	<2	10	<5	.50	<1	54	173	485	4.72	<.01	<10	2.37	402	7	.02	114	220	14	10	<20	7	.03	30	29	<10	1	36

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ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
435 A- 27	24201	<.2	.09	690	<2	10	<5	.69	<1	7	114	18	.44	.01	<10	.07	317	10	.03	14	40	32	5	<20	38	<.01	30	4	<10	2	24
435 A- 28	24202	.4	.90	3250	<2	35	<5	.32	<1	15	102	15	2.46	.07	<10	.67	447	6	.03	14	380	6	10	<20	23	.01	20	13	<10	3	49
435 A- 29	24203	.8	.85	4470	<2	30	<5	.41	<1	8	103	11	2.29	.08	<10	.56	542	10	.03	13	390	8	10	<20	28	.01	20	10	<10	3	43
435 A- 30	24204	.8	.14	815	<2	10	<5	.06	<1	4	156	6	.53	.01	<10	.09	161	10	.03	7	100	8	5	<20	6	.01	20	4	<10	1	17
435 A- 31	24205	.6	.84	55	<2	40	<5	.15	<1	8	126	38	2.15	.06	<10	.66	629	8	.03	14	160	14	10	<20	6	.02	20	29	<10	5	58
435 A- 32	24207	.6	.13	60	<2	15	<5	.63	<1	73	568	11	3.35	<.01	<10	8.00	513	6	.02	1211	60	4	5	<20	25	<.01	20	8	<10	1	14
435 A- 33	24208	.4	.02	70	<2	10	<5	.08	<1	31	208	2	2.19	.01	<10	8.23	297	18	.02	519	60	4	10	<20	5	<.01	<10	4	<10	1	9
435 A- 34	24209	.6	.04	195	<2	5	<5	.01	<1	44	193	5	.57	.01	<10	1.10	146	10	.03	702	20	10	5	<20	1	<.01	10	<1	<10	<1	11
435 A- 35	24210	.8	.59	20	12	80	<5	.43	<1	8	109	19	1.19	.15	10	.52	197	8	.04	44	650	8	5	<20	34	.07	20	23	<10	4	39
435 A- 36	24211	.6	.50	25	4	25	<5	.99	<1	5	110	24	1.37	.04	10	.28	362	6	.03	18	160	14	5	<20	9	.01	<10	21	<10	10	55
435 A- 37	24212	.4	.38	50	26	35	<5	.29	<1	2	90	40	1.29	.04	20	.09	285	7	.05	8	80	18	5	<20	5	.01	30	3	<10	17	97
435 A- 38	24213	.6	1.29	10	<2	35	<5	.07	<1	7	112	72	2.90	.14	<10	1.05	311	10	.03	17	220	8	5	<20	3	.03	30	44	<10	4	66
435 A- 39	24214	.2	.43	40	<2	65	<5	.13	<1	1	92	18	1.52	.19	<10	.06	73	8	.04	2	510	12	<5	<20	17	<.01	30	4	60	5	27
435 A- 40	24215	.2	2.58	45	<2	205	<5	2.97	<1	36	102	39	6.25	.40	30	2.01	955	6	.09	86	4750	12	10	<20	109	.22	20	166	10	19	110
435 A- 41	24216	.4	2.05	15	<2	185	<5	1.03	<1	22	44	8	4.60	.38	10	1.60	488	3	.08	14	3370	12	5	<20	13	.30	30	116	<10	13	54
435 A- 42	24217	.4	1.74	15	2	80	<5	3.25	<1	32	48	76	6.85	.70	10	1.50	1125	2	.09	12	1890	10	10	<20	52	.20	20	227	20	19	123
435 A- 43	24218	.4	.33	35	<2	5	<5	.41	<1	63	650	37	1.83	.04	<10	1.11	172	3	.05	786	130	6	5	<20	11	.01	10	12	<10	2	10
435 A- 44	24219	.4	.17	10	<2	<5	<5	5.73	<1	84	581	12	3.77	<.01	<10	5.56	629	3	.04	1686	70	6	15	<20	143	<.01	20	6	<10	1	14
435 A- 45	24220	.4	3.61	20	<2	115	<5	5.08	<1	29	85	47	6.87	.31	20	3.56	1722	2	.06	85	1440	10	10	<20	96	.07	20	149	<10	18	129
435 A- 46	24221	.4	.11	20	<2	25	<5	3.22	<1	6	137	6	1.91	.05	<10	1.42	583	9	.04	18	350	4	<5	<20	262	<.01	<10	8	<10	6	16
435 A- 47	24222	.4	.69	10	<2	5	<5	.73	<1	9	173	10	.76	<.01	<10	.31	166	6	.03	11	60	<2	<5	<20	26	.06	10	26	<10	1	6
435 A- 48	24223	.2	.09	280	<2	<5	<5	11.85	<1	5	95	1	1.05	.01	<10	.57	1742	5	.04	8	100	6	<5	<20	208	<.01	10	6	<10	7	5
435 A- 49	24224	.2	.04	15	<2	<5	<5	.23	<1	2	230	3	.36	<.01	<10	.02	94	11	.04	4	40	2	<5	<20	3	<.01	10	4	<10	1	4
435 A- 50	24225	.4	.06	15	<2	<5	<5	1.05	<1	3	225	4	.65	<.01	<10	.04	699	13	.04	6	80	8	<5	<20	3	<.01	20	8	<10	2	4
435 A- 51	24226	.4	.36	10	<2	<5	<5	.03	<1	5	230	7	.83	<.01	<10	.43	254	12	.04	11	30	6	<5	<20	1	<.01	30	15	<10	1	10
435 A- 52	24227	.4	.54	10	<2	5	<5	.27	<1	14	201	38	1.79	<.01	<10	.43	353	13	.04	13	80	8	<5	<20	6	.06	30	36	<10	1	15
435 A- 53	24228	.2	.06	10	<2	<5	<5	.07	<1	1	214	5	.35	<.01	<10	.05	67	12	.04	3	60	6	<5	<20	<1	<.01	20	6	<10	<1	2
435 A- 54	24229	.6	3.05	15	<2	<5	<5	.93	<1	37	47	71	7.57	<.01	<10	2.38	1047	1	.03	10	720	10	10	<20	5	.47	30	219	<10	6	105
435 A- 55	24301	.4	.80	10	<2	20	<5	.80	<1	7	201	1	2.60	.01	<10	.69	693	11	.05	3	110	28	5	<20	45	.01	20	41	<10	1	50
435 A- 56	24302	3.4	.07	25	<2	5	<5	.42	<1	16	196	206	.70	<.01	<10	.08	6956	12	.05	56	260	18	5	<20	63	.01	30	9	<10	4	92
435 A- 57	24303	.4	.14	15	<2	5	<5	7.10	<1	5	148	8	.65	.02	<10	.17	1805	8	.05	6	610	12	<5	<20	265	<.01	20	13	<10	15	9
435 A- 58	24304	.2	.21	15	<2	20	<5	9.82	<1	3	170	12	.91	.02	10	.11	1749	9	.04	8	450	8	<5	<20	319	.01	30	13	<10	20	7
435 A- 59	24305	<.2	.06	<5	12	5	<5	8.16	<1	3	121	26	.23	<.01	<10	.07	346	7	.05	6	20	14	<5	<20	60	<.01	<10	<1	<10	2	2
435 A- 60	24306	.2	.14	50	<2	10	<5	7.79	<1	6	65	1	1.34	<.01	<10	1.00	476	6	.04	17	60	10	5	<20	73	<.01	<10	7	<10	4	8
435 A- 61	24307	<.2	.13	20	<2	5	<5	5.00	<1	6	61	15	.85	<.01	<10	.37	307	4	.04	8	150	6	<5	<20	58	<.01	<10	3	<10	3	6
435 A- 62	24308	<.2	.28	5	<2	5	<5	1.34	<1	2	98	3	.65	<.01	<10	.17	130	6	.04	1	90	4	<5	<20	24	<.01	10	9	<10	1	11
435 A- 63	24309	<.2	.03	<5	<2	<5	<5	.09	<1	1	101	3	.17	<.01	<10	.02	35	5	.03	2	20	4	<5	<20	1	<.01	<10	2	<10	<1	2

ECO-TECH LABORATORIES LTD. TECK EXPLORATIONS LTD. - ETK89-435A

DESCRIPTIONS		AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
435 A- 64	24310	<.2	.26	10	<2	5	<5	4.22	<1	5	84	10	.48	<.01	<10	.21	260	6	.06	3	40	6	<5	<20	33	<.01	10	15	<10	1	6
435 A- 65	24311	<.2	.24	5	<2	5	<5	.31	<1	2	87	3	.92	<.01	<10	.11	305	5	.06	1	130	8	<5	<20	3	.03	10	1	<10	2	11
435 A- 66	24312	<.2	.24	5	<2	5	<5	.08	<1	5	67	5	1.43	.04	<10	.16	118	3	.06	3	80	8	<5	<20	3	.07	10	21	<10	<1	12
435 A- 67	24313	<.2	.49	10	<2	30	<5	.29	<1	7	94	5	1.20	.07	<10	.28	118	6	.04	8	200	4	<5	<20	19	.05	10	30	<10	2	16
435 A- 68	24314	<.2	.76	25	<2	45	<5	.35	<1	7	116	14	2.03	<.01	<10	.46	222	5	.04	17	270	6	5	<20	22	.06	<10	46	<10	3	28
435 A- 69	24316	<.2	.01	5	<2	5	<5	.35	<1	2	119	3	.23	<.01	<10	<.01	31	6	.05	3	40	4	<5	<20	2	<.01	<10	2	<10	<1	1
435 A- 70	24317	<.2	.90	5	<2	5	<5	.56	<1	10	139	41	.80	<.01	<10	.91	121	5	.03	51	20	6	5	<20	33	.02	<10	6	<10	<1	8
435 A- 71	24318	.2	1.99	5	<2	15	<5	.90	<1	8	96	132	3.68	<.01	<10	1.38	282	2	.04	10	80	8	10	<20	4	.13	10	117	<10	1	23
435 A- 72	24319	.2	2.40	10	<2	5	<5	2.36	<1	11	498	30	.93	<.01	<10	1.41	157	4	.05	50	10	2	5	<20	2	.03	<10	15	<10	1	10
435 A- 73	24320	.2	2.36	5	<2	5	<5	.65	<1	16	166	131	3.40	<.01	<10	2.12	557	2	.04	24	200	6	5	<20	4	.19	20	84	<10	3	40
435 A- 74	24321	<.2	.90	5	<2	5	<5	.53	<1	8	50	16	1.04	.02	<10	.34	142	3	.05	6	200	6	<5	<20	24	.07	<10	8	<10	12	8
435 A- 75	24322	<.2	.71	10	<2	5	<5	.40	<1	3	81	6	.69	.01	<10	.18	73	4	.04	3	100	2	<5	<20	5	.01	<10	9	<10	3	4
435 A- 76	24323	<.2	.04	<5	<2	5	<5	.03	<1	1	142	3	.22	<.01	<10	.01	36	10	.05	3	10	4	<5	<20	<1	<.01	<10	1	<10	<1	1
435 A- 77	24324	<.2	.12	<5	<2	<5	<5	<.01	<1	9	210	1	1.11	.01	<10	.56	185	9	.03	18	30	<2	<5	<20	<1	.01	30	12	<10	<1	12
435 A- 78	24325	.2	.51	5	<2	5	<5	<.01	<1	15	120	9	4.76	.01	<10	1.40	555	6	.03	8	220	2	5	<20	<1	<.01	30	120	<10	3	37
435 A- 79	24326	<.2	.65	5	<2	<5	<5	<.01	<1	12	199	13	1.71	.01	<10	.50	240	7	.03	15	100	<2	5	<20	5	.08	30	45	<10	3	14
435 A- 80	24327	.2	<.01	5	<2	<5	<5	<.01	<1	6	195	3	.65	.01	<10	.06	901	12	.03	16	50	2	<5	<20	<1	<.01	20	8	<10	1	5
435 A- 81	24328	.6	.05	10	2	<5	<5	.03	<1	11	87	19	1.10	<.01	<10	1.12	1275	3	.03	18	1420	8	5	<20	6	.01	20	29	<10	11	9
435 A- 82	24329	<.2	.03	<5	<2	5	<5	<.01	<1	3	166	15	.35	<.01	<10	.12	120	9	.03	3	40	2	<5	<20	1	<.01	30	6	<10	2	3
435 A- 83	24401	.4	2.14	140	<2	30	<5	2.09	<1	17	41	32	4.56	.08	<10	1.53	767	3	.03	20	640	6	10	20	46	.04	30	38	<10	6	79
435 A- 84	24402	.4	.06	615	2	10	<5	2.33	<1	2	151	6	.48	.01	<10	.03	249	6	.03	4	40	18	<5	<20	97	<.01	30	2	<10	2	5
435 A- 85	24403	1.8	2.07	245	<2	35	<5	1.21	<1	20	46	38	4.79	.07	<10	1.41	922	3	.03	19	700	232	5	<20	27	.05	30	38	<10	6	119
435 A- 86	24404	<.2	.02	20	6	5	<5	.20	<1	2	199	5	.45	.01	<10	.10	116	11	.03	8	90	4	<5	<20	31	<.01	20	2	<10	1	4
435 A- 87	24405	.4	.22	35	<2	35	<5	1.41	<1	24	133	5	3.88	.05	<10	.80	711	6	.04	81	670	4	5	<20	81	<.01	30	10	<10	4	59
435 A- 88	24407	.2	.05	25	<2	10	<5	.16	<1	5	206	14	.99	.01	<10	.08	298	12	.04	15	90	2	<5	20	17	<.01	30	4	<10	1	9
435 A- 89	24408	.4	.02	20	<2	5	<5	.55	<1	9	166	2	1.19	<.01	<10	3.00	197	9	.03	106	70	36	<5	<20	36	<.01	20	3	<10	2	6
435 A- 90	24409	3.0	.03	200	<2	10	<5	1.79	<1	48	172	1	4.12	.01	<10	14.46	636	10	.03	689	120	834	10	<20	101	<.01	30	7	<10	2	17
435 A- 91	24410	.2	.06	20	<2	5	<5	.07	<1	4	208	11	.83	.01	<10	.43	97	13	.04	35	80	6	5	<20	5	<.01	30	5	<10	1	5
435 A- 92	24412	<.2	.08	15	12	10	<5	.44	<1	6	140	7	1.36	<.01	10	.13	427	8	.04	18	910	4	<5	<20	14	<.01	30	5	<10	3	10
435 A- 93	24413	.6	1.59	35	<2	20	<5	7.04	<1	46	144	74	7.97	.06	<10	2.57	1686	3	.04	78	730	6	10	<20	69	<.01	30	91	<10	7	78
435 A- 94	24414	.6	.13	10	8	10	<5	5.41	<1	8	95	3	3.33	.01	<10	1.23	1011	8	.05	10	1390	44	5	<20	139	<.01	10	9	<10	8	25
435 A- 95	24415	.4	.05	45	6	5	<5	.19	<1	8	151	10	.97	.01	<10	.06	446	8	.03	64	280	2	<5	<20	7	<.01	20	4	<10	3	13
435 A- 96	24416	.2	.14	5	130	5	<5	.57	<1	6	347	4	.64	.01	<10	.10	211	18	.04	12	100	<2	<5	<20	23	<.01	20	3	<10	2	6
435 A- 97	24417	.2	.08	55	<2	20	<5	11.43	<1	23	22	7	3.42	.02	<10	1.29	2531	3	.04	50	310	8	10	<20	658	<.01	30	5	<10	9	65
435 A- 98	24418	<.2	1.42	<5	<2	5	<5	.48	<1	22	51	40	3.39	.03	<10	1.34	829	3	.05	10	770	10	15	<20	8	.22	30	92	<10	9	127
435 A- 99	24419	.2	.28	5	<2	50	<5	.12	<1	6	93	4	.64	.11	20	.03	299	8	.06	5	320	8	5	<20	7	<.01	30	2	<10	5	23
435 A- 100	24420	<.2	.08	5	<2	5	<5	.01	<1	3	220	5	.39	.01	<10	.06	50	14	.04	7	30	2	<5	<20	<1	<.01	30	6	<10	<1	2

ECO-TECH LABORATORIES LTD.

TECK EXPLORATIONS LTD. - ETK89-435A

DESCRIPTIONS		AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
435 A- 64	24310	<.2	.26	10	<2	5	<5	4.22	<1	5	84	10	.48	<.01	<10	.21	260	6	.06	3	40	6	<5	<20	33	<.01	10	15	<10	1	6
435 A- 65	24311	<.2	.24	5	<2	5	<5	.31	<1	2	87	3	.92	<.01	<10	.11	305	5	.06	1	130	8	<5	<20	3	.03	10	1	<10	2	11
435 A- 66	24312	<.2	.24	5	<2	5	<5	.08	<1	5	67	5	1.43	.04	<10	.16	118	3	.06	3	80	8	<5	<20	3	.07	10	21	<10	<1	12
435 A- 67	24313	<.2	.49	10	<2	30	<5	.29	<1	7	94	5	1.20	.07	<10	.20	118	6	.04	8	200	4	<5	<20	19	.05	10	30	<10	2	16
435 A- 68	24314	<.2	.76	25	<2	45	<5	.35	<1	7	116	14	2.03	<.01	<10	.46	222	5	.04	17	270	6	5	<20	22	.06	<10	46	<10	3	28
435 A- 69	24316	<.2	.01	5	<2	5	<5	.35	<1	2	119	3	.23	<.01	<10	<.01	31	6	.05	3	40	4	<5	<20	2	<.01	<10	2	<10	<1	1
435 A- 70	24317	<.2	.90	5	<2	5	<5	.56	<1	10	139	41	.80	<.01	<10	.91	121	5	.03	51	20	6	5	<20	33	.02	<10	6	<10	<1	8
435 A- 71	24318	.2	1.99	5	<2	15	<5	.90	<1	8	96	132	3.68	<.01	<10	1.30	282	2	.04	10	80	8	10	<20	4	.13	10	117	<10	1	23
435 A- 72	24319	.2	2.40	10	<2	5	<5	2.26	<1	11	490	30	.93	<.01	<10	1.41	157	4	.05	50	10	2	5	<20	2	.03	<10	15	<10	1	10
435 A- 73	24320	.2	2.26	5	<2	5	<5	.65	<1	16	166	131	3.40	<.01	<10	2.12	557	2	.04	24	200	6	5	<20	4	.19	20	84	<10	3	40
435 A- 74	24321	<.2	.90	5	<2	5	<5	.53	<1	8	50	16	1.04	.02	<10	.34	142	3	.05	6	200	6	<5	<20	24	.07	<10	8	<10	12	8
435 A- 75	24322	<.2	.71	10	<2	5	<5	.40	<1	3	81	6	.69	.01	<10	.18	73	4	.04	3	100	2	<5	<20	5	.01	<10	9	<10	3	4
435 A- 76	24323	<.2	.04	<5	<2	5	<5	.03	<1	1	142	3	.22	<.01	<10	.01	36	10	.05	3	10	4	<5	<20	<1	<.01	<10	1	<10	<1	1
435 A- 77	24324	<.2	.12	<5	<2	<5	<5	<.01	<1	9	210	1	1.11	.01	<10	.56	105	9	.03	10	30	<2	<5	<20	<1	.01	30	12	<10	<1	12
435 A- 78	24325	.2	.51	5	<2	5	<5	<.01	<1	15	120	9	4.76	.01	<10	1.40	555	6	.03	8	220	2	5	<20	<1	<.01	30	120	<10	3	37
435 A- 79	24326	<.2	.65	5	<2	<5	<5	<.01	<1	12	199	13	1.71	.01	<10	.50	240	7	.03	15	100	<2	5	<20	5	.08	30	45	<10	3	14
435 A- 80	24327	.2	<.01	5	<2	<5	<5	<.01	<1	6	195	3	.65	.01	<10	.06	901	12	.03	16	50	2	<5	<20	<1	<.01	20	8	<10	1	5
435 A- 81	24328	.6	.05	10	2	<5	<5	.03	<1	11	87	19	1.10	<.01	<10	1.12	1275	3	.03	18	1420	8	5	<20	6	.01	20	29	<10	11	9
435 A- 82	24329	<.2	.03	<5	<2	5	<5	<.01	<1	3	166	15	.35	<.01	<10	.12	120	9	.03	3	40	2	<5	<20	1	<.01	30	6	<10	2	3
435 A- 83	24401	.4	2.14	140	<2	30	<5	2.09	<1	17	41	32	4.56	.08	<10	1.53	767	3	.03	20	640	6	10	20	46	.04	30	38	<10	6	79
435 A- 84	24402	.4	.06	615	2	10	<5	2.33	<1	2	151	6	.48	.01	<10	.03	249	6	.03	4	40	18	<5	<20	97	<.01	30	2	<10	2	5
435 A- 85	24403	1.8	2.07	745	<2	35	<5	1.21	<1	20	46	38	4.79	.07	<10	1.41	922	3	.03	19	700	232	5	<20	27	.05	30	30	<10	6	119
435 A- 86	24404	<.2	.02	70	6	5	<5	.20	<1	2	199	5	.45	.01	<10	.10	116	11	.03	8	90	4	<5	<20	31	<.01	20	2	<10	1	4
435 A- 87	24405	.4	.22	35	<2	35	<5	1.41	<1	24	133	5	3.80	.05	<10	.80	711	6	.04	81	670	4	5	<20	81	<.01	30	10	<10	4	59
435 A- 88	24407	.2	.05	25	<2	10	<5	.16	<1	5	206	14	.99	.01	<10	.08	298	12	.04	15	90	2	<5	20	17	<.01	30	4	<10	1	9
435 A- 89	24408	.4	.02	20	<2	5	<5	.55	<1	9	166	2	1.19	<.01	<10	3.00	197	9	.03	106	70	36	<5	<20	36	<.01	20	3	<10	2	6
435 A- 90	24409	3.0	.03	200	<2	10	<5	1.79	<1	48	172	1	4.12	.01	<10	14.46	636	10	.03	689	120	834	10	<20	101	<.01	30	7	<10	2	17
435 A- 91	24410	.2	.06	20	<2	5	<5	.07	<1	4	200	11	.83	.01	<10	.43	97	13	.04	35	80	6	5	<20	5	<.01	30	5	<10	1	5
435 A- 92	24412	<.2	.08	15	12	10	<5	.44	<1	6	140	7	1.36	<.01	10	.13	427	8	.04	18	910	4	<5	<20	14	<.01	30	5	<10	3	10
435 A- 93	24413	.6	1.59	35	<2	20	<5	7.04	<1	46	144	74	7.97	.06	<10	2.57	1686	3	.04	78	730	6	10	<20	69	<.01	30	91	<10	7	78
435 A- 94	24414	.6	.13	10	8	10	<5	5.41	<1	8	95	3	3.33	.01	<10	1.23	1011	8	.05	10	1390	44	5	<20	139	<.01	10	9	<10	8	25
435 A- 95	24415	.4	.05	45	6	5	<5	.19	<1	8	151	10	.97	.01	<10	.06	446	8	.03	64	200	2	<5	<20	7	<.01	20	4	<10	3	13
435 A- 96	24416	.2	.14	5	130	5	<5	.57	<1	6	347	4	.64	.01	<10	.10	211	18	.04	12	100	<2	<5	<20	23	<.01	20	3	<10	2	6
435 A- 97	24417	.2	.08	55	<2	20	<5	11.43	<1	23	22	7	3.42	.02	<10	1.29	2531	3	.04	50	310	8	10	<20	650	<.01	30	5	<10	9	65
435 A- 98	24418	<.2	1.42	<5	<2	5	<5	.48	<1	22	51	40	3.39	.03	<10	1.34	829	3	.05	10	770	10	15	<20	8	.22	30	92	<10	9	127
435 A- 99	24419	.2	.28	5	<2	50	<5	.12	<1	6	93	4	.64	.11	20	.03	299	8	.06	5	320	8	5	<20	7	<.01	30	2	<10	5	23
435 A- 100	24420	<.2	.08	5	<2	5	<5	.01	<1	3	220	5	.39	.01	<10	.06	50	14	.04	7	30	2	<5	<20	<1	<.01	30	6	<10	<1	2

ECO-TECH LABORATORIES LTD. TECK EXPLORATIONS LTD. - ETK89-435A

Pkg. —

ETK#	DESCRIPTIONS		AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
435 A-	101	24421	.4	.72	205	<2	<5	<5	12.57	<1	12	66	5	2.01	.02	<10	.76	2846	1	.03	31	130	8	5	<20	252	<.01	30	43	<10	37	20
435 A-	102	24423	<.2	.10	15	<2	<5	<5	.33	<1	4	296	4	.46	<.01	<10	.05	103	19	.03	8	10	<2	<5	<20	3	<.01	30	5	<10	1	2
435 A-	103	24426	<.2	.57	35	228	5	<5	.12	<1	12	63	7	1.98	.01	<10	.24	479	5	.04	10	260	6	10	<20	6	.07	10	26	<10	8	14
435 A-	104	24427	<.2	1.21	<5	<2	5	<5	1.11	<1	19	68	36	3.38	.01	<10	.91	367	5	.06	11	840	4	5	<20	7	.17	30	76	<10	10	24
435 A-	105	24431	<.2	.46	<5	<2	5	<5	.18	<1	6	249	4	1.22	<.01	<10	.40	340	15	.04	8	110	<2	10	<20	4	.04	30	28	<10	3	11
435 A-	106	24432	<.2	.44	<5	<2	5	<5	.65	<1	9	236	5	1.32	.01	<10	.35	228	18	.05	11	170	<2	10	<20	6	.09	30	33	<10	4	11
435 A-	107	24433	.2	.05	5	<2	25	<5	.52	<1	2	252	5	.65	<.01	<10	.06	542	17	.03	7	310	<2	5	<20	18	<.01	30	3	<10	2	9

[redacted]

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

FAX: TECK, KAMLOOPS
SC89/TECK1

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

JULY 24, 1989

CERTIFICATE OF ANALYSIS ETK 89-436

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 13 SILT samples received July 13, 1989
PROJECT: 1366

ET#	Description	AU (ppb)	HG (ppb)
436 - 1	TA- ST - 08	10	25
436 - 2	S2 4400	10*	235
436 - 3	S2 4411	5**	<5
436 - 4	24315	5	165
436 - 5	AL 89-S -H005	5	<5
436 - 6	AL 89-S -H006	5	40
436 - 7	S2 4422	120	130
436 - 8	S2 4424	15	15
436 - 9	S2 4425	10	65
436 - 10	S2 4428	5	5
436 - 11	S2 4429	10	25
436 - 12	S2 4430	10	<5
436 - 13	T 24206	65**	>1000

NOTE: < = less than
* - 30 SCREEN
** - 42 SCREEN

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

SCB9/TECH1

cc: JEAN PAULLER
C/O PEMBERTON HELICOPTERS
BOX 579
PEMBERTON B.C.

ECO-TECH LABORATORIES LTD.

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

JULY 20, 1989

TECK EXPLORATIONS LTD. - ETK89-436A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
13 SOIL & SILT SAMPLES RECEIVED JULY 13, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
436 - 1	TA-ST-08	.6	1.76	20	<2	30	<5	.83	<1	45	172	260	4.17	.06	<10	2.07	799	3	.03	168	700	2	5	<20	19	.05	30	92	<10	5	67
436 - 2	S2 4406	.4	1.21	30	30	45	<5	0.67	<1	34	347	39	2.99	.04	10	3.12	735	4	.02	421	840	4	5	<20	260	.05	30	74	<10	6	60
436 - 3	S2 4411	.8	.42	45	<2	25	<5	12.91	<1	8	40	35	1.16	.01	<10	.61	259	1	.02	56	300	6	5	20	322	<.01	30	17	<10	5	49
436 -- 4	24315	1.8	1.88	15	<2	345	<5	2.20	<1	18	130	120	3.30	.13	20	1.02	1361	<1	.03	306	1610	2	10	<20	85	.06	30	115	<10	53	83
436 - 5	AL 89 -S- M005	.8	3.04	10	<2	30	<5	.10	<1	35	113	40	6.49	.02	10	2.29	1085	5	.02	67	1200	6	20	<20	10	.11	30	170	<10	6	75
436 - 6	AL 89 -S- M006	<.2	2.63	10	<2	30	<5	.22	<1	32	107	48	4.45	.02	<10	1.41	869	5	.02	64	762	6	15	<20	7	.15	20	92	<10	4	58
436 - 7	S2 4422	.8	1.56	495	10	5	<5	.44	<1	49	57	65	6.59	.03	<10	.87	1881	2	.02	71	880	2	15	<20	9	<.01	<10	143	<10	14	75
436 - 8	S2 4424	.2	2.88	55	12	30	<5	.13	<1	39	63	46	6.01	.02	<10	1.06	1620	6	.03	45	1120	4	15	<20	6	.15	20	183	10	11	81
436 - 9	S2 4425	<.2	2.73	25	14	30	<5	.16	<1	51	95	63	5.77	.02	<10	1.59	1179	3	.02	86	1070	2	10	<20	7	.19	<10	175	<10	9	80
436 - 10	S2 4428	.2	1.94	20	14	60	<5	.10	<1	31	54	39	4.92	.02	<10	.99	1229	<1	.03	37	1180	2	15	<20	8	.15	10	134	<10	6	76
436 - 11	S2 4429	.2	2.00	10	10	75	<5	.20	<1	25	63	35	3.48	.03	<10	.92	600	2	.02	47	740	2	5	<20	11	.16	10	105	<10	4	80
436 - 12	S2 4430	<.2	2.11	15	12	50	<5	.14	<1	31	70	59	4.15	.02	<10	1.20	908	5	.03	56	660	4	10	<20	8	.16	10	129	<10	5	82
436 - 13	T 24206	<.2	2.94	10	10	30	<5	.16	<1	30	92	37	5.28	.02	<10	1.82	840	6	.02	62	910	4	20	<20	10	.11	20	157	10	5	73

NOTE: < = LESS THAN

CC: JEAN PAULTER, PEMBERTON
FAX: TECK, KAMLOOPS
SC89/TECK1

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

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

JULY 27, 1989

CERTIFICATE OF ANALYSIS ETK 89-465

XPLORATIONS LTD.
75 SECOND AVENUE
PS, B.C.
1

TION: FRED DALEY

E IDENTIFICATION: 22 ROCK & PAN CON. PROJECT:
SHIPMENT N.

es received July 21, 198

Description			AU (ppb)	HG (ppb)
	24127		15	>1000
S1	24128		20	50
S2	24129		15	50
S3	24130		25	20
S4	24131		10	115
5	24132		5	85
S6	24133		10	<5
S7	24134		20	5
S8	24135		15	<5
S9	24136		<5	<5
10	24137		5	15
11	24138		5	800
12	24139		5	370
S13	24140		10	380
14	24141		10	45
15	24142		15	45
16	24143		5	175
17	24144		90	>1000
18	24145		15	635
19	TA	PC 04	5	485
20	TA	PC 05	5	10
21	TA	PC 06	40	50
22				

NOTE: < = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWE
B.C. Certified Assayer

SC89/TECK1

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
August 22, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Daley

CERTIFICATE OF ANALYSIS ETK 89-465A
22 Rock Samples, received July 21/89

All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
465.1	24127	<.2	0.12	143	7	21	< 5	0.55	5	34	200	17	3.80	0.01	23	8.88	590	< 1	<.01	565	37	35	84	< 20	30	<.01	< 10	33	< 10	< 1	21
465.2	24128	1.4	0.20	145	7	12	12	0.20	5	10	141	9	2.91	<.01	15	0.25	229	10	<.01	12	135	9	20	< 20	3	<.01	< 10	25	< 10	< 1	8
465.3	24129	0.5	0.18	39	7	54	7	0.26	2	7	98	17	1.40	0.13	< 10	0.07	352	7	0.01	21	534	7	7	< 20	11	<.01	< 10	2	< 10	< 1	18
465.4	24130	<.2	0.99	6	8	157	15	0.22	< 1	6	60	14	2.41	0.51	13	0.69	363	3	0.02	5	554	19	23	< 20	10	0.06	< 10	34	< 10	4	30
465.5	24131	<.2	0.13	38	7	9	< 5	0.03	2	5	162	6	0.98	0.02	< 10	0.12	192	12	<.01	10	63	< 2	12	< 20	< 1	<.01	< 10	11	< 10	< 1	10
465.6	24132	<.2	0.02	18	9	< 5	6	<.01	< 1	1	168	4	0.32	<.01	< 10	<.01	23	13	<.01	3	16	< 2	< 5	< 20	< 1	<.01	< 10	1	< 10	< 1	1
465.7	24133	0.3	0.03	6	9	< 5	7	<.01	< 1	3	153	5	0.44	<.01	< 10	0.03	44	11	<.01	8	< 10	< 2	< 5	< 20	< 1	<.01	< 10	4	< 10	< 1	2
465.8	24134	1.5	0.03	72	8	< 5	7	<.01	2	13	167	72	2.36	<.01	12	0.01	32	12	<.01	3	18	< 2	14	< 20	< 1	<.01	< 10	7	< 10	< 1	4
465.9	24135	<.2	<.01	< 5	8	< 5	< 5	<.01	< 1	1	228	2	0.35	<.01	< 10	<.01	33	18	<.01	4	< 10	< 2	7	< 20	< 1	<.01	< 10	< 1	< 10	< 1	1
465.10	24136	9.8	<.01	18	8	< 5	54	<.01	< 1	10	206	3	0.90	<.01	< 10	<.01	15	16	<.01	30	< 10	215	8	< 20	< 1	<.01	< 10	< 1	< 10	< 1	2
465.11	24137	<.2	0.06	8	8	< 5	5	0.60	< 1	7	171	9	0.94	0.02	< 10	0.08	147	13	<.01	12	96	3	11	< 20	9	<.01	< 10	2	< 10	< 1	9
465.12	24138	<.2	0.10	9	9	33	7	0.35	< 1	2	102	< 1	0.77	0.01	< 10	0.02	137	8	<.01	< 1	104	< 2	6	< 20	9	<.01	< 10	9	< 10	1	25
465.13	24139	<.2	<.01	317	5	6	< 5	0.98	11	20	120	< 1	1.47	<.01	< 10	3.77	335	6	<.01	311	17	21	230	< 20	68	<.01	< 10	3	< 10	< 1	6
465.14	24140	<.2	0.21	5	9	32	< 5	0.02	< 1	2	184	8	0.73	0.10	< 10	0.14	88	14	<.01	9	66	4	15	< 20	< 1	0.02	< 10	7	< 10	< 1	11
465.15	24141	180.1	0.27	66	8	31	454	0.57	8	13	156	11	2.52	0.06	15	0.30	300	12	<.01	19	486	2785	25	< 20	25	<.01	< 10	6	< 10	< 1	121
465.16	24142	2.1	0.09	15	9	17	11	0.34	< 1	4	110	15	1.00	0.04	< 10	0.08	212	8	<.01	19	< 10	34	10	< 20	8	<.01	< 10	6	< 10	< 1	21
465.17	24143	1.1	0.02	6	8	< 5	< 5	0.09	< 1	2	167	2	0.39	<.01	< 10	0.01	74	13	<.01	13	47	11	< 5	< 20	2	<.01	< 10	2	< 10	< 1	5
465.18	24144	200.0	<.01	896	6	< 5	< 5	0.09	129	2	142	6877	0.47	<.01	< 10	0.08	42	10	<.01	39	218	3440	3780	< 20	9	<.01	< 10	< 1	< 10	< 1	613
465.19	24145	23.8	0.01	16	7	< 5	< 5	<.01	2	1	187	101	0.29	<.01	< 10	<.01	38	14	<.01	7	22	46	66	< 20	< 1	<.01	< 10	< 1	< 10	< 1	11
465.20	TA-PC-04	5.2	0.89	96	6	48	10	0.28	4	17	93	44	2.25	0.13	14	0.82	414	3	0.01	103	699	32	37	< 20	9	0.04	< 10	43	< 10	2	33
465.21	TA-PC-05	<.2	0.98	62	7	89	11	0.30	2	17	102	33	2.32	0.24	14	0.95	316	2	<.01	120	752	24	32	< 20	8	0.05	< 10	44	< 10	2	37
465.22	TA-PC-06	1.0	0.99	41	6	72	< 5	0.30	2	17	114	35	2.35	0.19	14	1.15	303	3	0.02	126	644	27	27	< 20	10	0.04	< 10	44	< 10	2	36

NOTE: > = Greater than
< = Less than

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JULY 27, 1989

CERTIFICATE OF ANALYSIS ETK 89-466

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 4 SILT samples received July 21, 1989
PROJECT: 1366
SHIPMENT NO. 7

ET#	Description	AU (ppb)	HG (ppb)
466 - 1	TA ST 09	25	35
466 - 2	TA ST 10	10	65
466 - 3	TA ST 11	25	50
466 - 4	TA ST 12	15	615

NOTE: < = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

SC89/TECK1

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579, PEMBERTON, B.C.
V0N 2L0

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
August 22, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Daley

CERTIFICATE OF ANALYSIS ETK 89-466A
4 Silt Samples, received July 21/89

All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
466.1	TA-ST-09	<.2	1.78	48	6	120	8	0.30	2	15	57	23	2.70	0.27	16	0.91	464	< 1	<.01	35	445	37	31	< 20	20	0.10	< 10	75	< 10	5	62
466.2	TA-ST-10	<.2	1.71	102	6	162	20	0.48	3	18	28	24	4.17	0.36	31	0.88	853	< 1	<.01	15	443	32	45	< 20	29	0.15	< 10	99	< 10	19	79
466.3	TA-ST-11	<.2	0.49	41	7	56	6	0.48	2	29	104	22	1.90	0.10	12	1.41	458	< 1	<.01	382	274	20	31	< 20	24	0.03	< 10	24	< 10	2	34
466.4	TA-ST-12	<.2	0.72	461	5	85	12	0.52	15	51	96	21	3.46	0.11	20	2.09	759	< 1	<.01	562	390	27	87	< 20	21	0.03	< 10	37	< 10	< 1	53

NOTE: < = less than

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

JULY 27, 1989

CERTIFICATE OF ANALYSIS ETK 89-467

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 15 ROCK samples received July 21, 1989
PROJECT: 1366
SHIPMENT NO. 7

ET#	Description	AU (ppb)	AU (g/t)	HG (ppb)
467 - 1	24276	90		115
467 - 2	24277	20		115
467 - 3	24278	25		35
467 - 4	24279	20		55
467 - 5	24280	20		15
467 - 6	24281	20		15
467 - 7	24282	>1000	1.55	70
467 - 8	24283	40		90
467 - 9	24284	10		760
467 - 10	24285	<5		5
467 - 11	24286	<5		5
467 - 12	24287	5		<5
467 - 13	24288	10		5
467 - 14	24289	<5		<5
467 - 15	24290	5		<5

NOTE: < = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

SC89/TECK1

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579, PEMBERTON, B.C.
V0N 2L0

ECO-TECH LABORATORIES LTD.

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

AUGUST 3, 1989

TECK EXPLORATIONS LTD. - ETK89-467A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BAILEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
15 ROCK SAMPLES RECEIVED JULY 21,1989

ETK#	DESCRIPTIONS	Ag	Al(%)	As	B	Ba	Bi	Ca(%)	Cd	Co	Cr	Cu	Fe(%)	K(%)	La	Mg(%)	Mn	Mo	Na(%)	Ni	P	Pb	Sb	Sn	Sr	Ti(%)	U	V	W	Y	Zn
467 A- 1	24276	1.6	.14	45	<2	10	<5	.04	<1	2	272	12	.56	<.01	<10	.11	135	21	.06	12	50	8	<5	<20	1	.01	<10	11	<10	1	11
467 A- 2	24277	1.6	.08	10	<2	10	<5	.02	<1	1	235	12	.39	<.01	<10	.07	47	18	.06	8	20	4	5	<20	1	.01	<10	11	<10	<1	4
467 A- 3	24278	.4	7.91	15	8	55	<5	6.50	<1	13	164	72	.91	.76	<10	1.76	193	4	.65	64	30	4	20	20	126	.01	<10	24	<10	1	9
467 A- 4	24279	.6	.09	5	<2	10	<5	.05	<1	1	190	7	.44	.06	<10	.03	89	14	.06	6	90	8	<5	<20	2	<.01	<10	3	<10	<1	6
467 A- 5	24280	.8	.99	10	<2	60	<5	.19	<1	5	138	12	1.81	.42	<10	.67	457	10	.08	8	610	24	<5	<20	8	.06	<10	27	<10	3	48
467 A- 6	24281	.8	.36	10	<2	35	<5	.17	<1	1	70	8	.81	.20	<10	.14	240	5	.05	4	160	10	5	<20	3	.02	<10	8	<10	2	63
467 A- 7	24282	.4	.06	10	<2	25	<5	.03	<1	1	204	38	.57	.03	<10	.06	723	17	.03	64	40	70	<5	<20	1	<.01	<10	7	<10	2	38
467 A- 8	24283	.4	.04	5	<2	10	<5	.01	1	1	247	12	.52	.01	<10	.01	158	18	.02	26	50	4	<5	<20	1	<.01	<10	7	<10	1	8
467 A- 9	24284	.2	1.06	5	<2	45	<5	.68	<1	8	100	18	2.86	.06	<10	.73	448	13	.08	35	270	<2	5	<20	8	.01	10	90	<10	7	41
467 A- 10	24285	.2	.03	5	<2	10	<5	5.60	<1	<1	130	2	.26	.02	<10	.04	359	10	.03	8	30	<2	<5	<20	108	<.01	<10	4	<10	2	2
467 A- 11	24286	.4	.15	5	<2	75	<5	.04	1	2	240	9	.53	.06	<10	.09	88	15	.03	6	90	2	<5	<20	2	.02	<10	12	<10	<1	6
467 A- 12	24287	.2	.61	<5	<2	25	<5	2.60	<1	8	123	12	1.70	.13	<10	.47	371	9	.05	8	290	2	<5	<20	9	.06	10	52	<10	7	39
467 A- 13	24288	.2	.64	5	<2	35	<5	.32	<1	2	196	17	1.14	.06	<10	.27	160	13	.05	7	260	2	<5	<20	46	.02	<10	28	<10	1	16
467 A- 14	24289	<.2	3.58	15	<2	360	<5	6.86	1	19	69	17	3.16	.71	<10	1.21	451	6	.20	10	590	<2	10	20	210	.18	30	102	10	7	62
467 A- 15	24290	.4	.78	5	<2	130	<5	.08	1	6	239	44	1.65	.27	<10	.34	284	21	.05	30	220	4	<5	<20	9	.04	30	54	10	3	65

NOTE: < = LESS THAN

FAX: TECK, KAMLOOPS
SC89/TECK1

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JULY 27, 1989

CERTIFICATE OF ANALYSIS ETK 89-468

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 22 ROCK samples received July 21, 1989
PROJECT: 1366
SHIPMENT NO. 7

ET#	Description	AU (ppb)	HG (ppb)
468 - 1	24434	5	<5
468 - 2	24435	<5	<5
468 - 3	24436	10	630
468 - 4	24437	<5	325
468 - 5	24439	10	5
468 - 6	24440	<5	30
468 - 7	24441	<5	<5
468 - 8	24442	<5	730
468 - 9	24443	<5	40
468 - 10	24444	5	<5
468 - 11	24445	15	<5
468 - 12	24446	10	60
468 - 13	24447	15	<5
468 - 14	24448	5	<5
468 - 15	24498	350	<5
468 - 16	24499	60	<5
468 - 17	24500	15	<5
468 - 18	24501	15	<5
468 - 19	24502	5	<5
468 - 20	24503	25	<5
468 - 21	24504	20	<5
468 - 22	24505	10	<5

NOTE: < = less than

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579, PEMBERTON, B.C.
V0N 2L0
SC89/TECK3

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DOUG HOWARD
B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.

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

AUGUST 2, 1989

TECK EXPLORATIONS LTD. - ETK89-468A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
22 ROCK SAMPLES RECEIVED JULY 24, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
468 - 1	24434	.2	2.34	20	2	65	<5	1.39	<1	7	114	29	2.41	.13	<10	.64	340	9	.03	13	220	4	10	<20	59	.03	<10	85	<10	5	44
468 - 2	24435	.2	.07	30	<2	<5	<5	.02	<1	1	259	8	.54	.12	<10	.05	57	19	.03	7	20	<2	<5	<20	1	<.01	<10	5	<10	<1	4
468 - 3	24436	.2	.04	215	<2	15	<5	.42	<1	40	349	2	2.82	.15	<10	6.08	386	15	.03	768	40	2	20	<20	37	<.01	10	11	<10	1	12
468 - 4	24437	.2	.03	20	6	<5	<5	.48	1	22	284	2	1.22	.04	<10	3.90	195	9	.03	448	20	2	<5	<20	11	<.01	<10	5	<10	<1	7
468 - 5	24439	.4	.08	420	<2	10	<5	.05	1	5	231	7	.89	.20	<10	.09	272	18	.02	28	130	2	<5	<20	3	<.01	<10	8	<10	2	6
468 - 6	24440	.2	.06	275	<2	15	<5	.10	<1	2	218	5	.71	.16	<10	.09	337	16	.02	13	40	<2	<5	<20	3	<.01	<10	7	<10	1	6
468 - 7	24441	<.2	.04	10	<2	5	<5	.01	2	1	231	3	.33	.08	<10	.05	51	18	.02	8	10	<2	<5	<20	1	<.01	<10	3	<10	<1	2
468 - 8	24442	.2	.02	120	<2	5	<5	1.10	2	28	239	4	2.03	.09	<10	8.66	457	11	.02	595	30	4	5	<20	50	<.01	<10	7	<10	<1	8
468 - 9	24443	.6	.19	10	<2	5	<5	5.80	<1	3	116	3	.49	.08	<10	.32	371	9	.01	30	50	10	<5	<20	49	.01	<10	16	<10	2	9
468 - 10	24444	.2	.17	10	<2	5	<5	7.17	1	3	153	7	.72	.10	<10	.21	501	13	.01	18	110	8	<5	<20	164	.02	<10	14	<10	5	7
468 - 11	24445	.2	.06	5	<2	5	<5	12.38	<1	2	74	2	.32	.11	<10	.09	1331	6	.02	5	30	10	<5	<20	323	<.01	<10	9	<10	6	3
468 - 12	24446	<.2	.06	45	<2	5	<5	2.29	<1	2	178	6	.62	.12	<10	1.24	189	16	.03	15	60	2	<5	<20	19	<.01	10	8	60	2	4
468 - 13	24447	.4	.25	85	<2	5	<5	.76	<1	4	151	19	1.18	.20	<10	.24	169	15	.01	18	80	2	<5	<20	21	.01	<10	23	<10	1	9
468 - 14	24448	<.2	.69	35	<2	<5	<5	.19	<1	34	792	21	1.73	.07	<10	3.65	197	2	.02	780	120	2	5	<20	4	.01	<10	30	<10	3	20
468 - 15	24498	.2	.50	50	<2	30	<5	.18	<1	5	184	26	1.00	.39	<10	.11	196	15	.02	15	110	<2	<5	<20	8	.02	<10	17	<10	3	15
468 - 16	24499	.4	.40	30	<2	5	<5	7.68	<1	6	138	18	1.22	.10	<10	.50	553	10	.02	16	100	6	<5	<20	63	.02	<10	46	<10	3	11
468 - 17	24500	.2	.08	10	<2	5	<5	3.82	<1	3	207	12	.48	.06	<10	.07	378	18	.02	10	50	2	<5	<20	54	<.01	<10	6	<10	1	6
468 - 18	24501	<.2	.24	5	<2	5	<5	3.09	<1	4	231	6	.78	.11	<10	.30	383	19	.03	12	330	2	<5	<20	60	<.01	10	25	<10	1	11
468 - 19	24502	1.0	.37	120	<2	10	<5	.09	<1	12	276	18	2.15	.32	<10	.43	291	22	.03	24	190	10	<5	<20	2	.01	<10	38	<10	3	23
468 - 20	24503	.4	.35	25	<2	5	<5	.09	<1	6	293	34	1.69	.21	<10	.35	163	24	.03	9	140	2	<5	<20	3	.01	<10	30	<10	1	19
468 - 21	24504	.4	.08	40	<2	20	<5	5.17	<1	8	190	14	1.17	.35	<10	.05	296	16	.02	8	240	14	<5	<20	150	<.01	<10	5	<10	3	15
468 - 22	24505	.4	.09	35	<2	20	<5	5.05	<1	8	187	14	1.17	.33	<10	.05	298	17	.02	9	270	24	<5	<20	153	<.01	<10	5	<10	3	15

NOTE: < = LESS THAN

CC: JEAN PAUTLER, PEMBERTON
FAX: TECK, KAMLOOPS
SC89/TECK1

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JULY 27, 1989

CERTIFICATE OF ANALYSIS ETK 89-469

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 2 SOIL samples received July 21, 1989
PROJECT: 1366
SHIPMENT NO. 7

ET#	Description	AU (ppb)	HG (ppb)
469 - 1	S 24438	5*	40
469 - 2	S 24449	5	25

NOTE: < = less than
* -42 SCREEN

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

SC89/TECK1

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579, PEMBERTON, B.C.
VON 2LO

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
August 22, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Daley

CERTIFICATE OF ANALYSIS ETK 89-469A
2 Soil Samples, received July 21/89

All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
469.1	S24438	0.3	1.69	13	6	50	< 5	0.37	1	82	25	247	6.83	0.03	39	1.92	1320	< 1	<.01	83	473	38	56	< 20	11	0.01	< 10	82	< 10	< 1	56
469.2	S24449	<.2	0.23	71	5	13	< 5	0.03	3	32	126	20	0.93	0.01	< 10	0.65	213	< 1	<.01	520	40	9	16	< 20	2	<.01	< 10	9	< 10	< 1	9

NOTE: < = Less than

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

JULY 27, 1989

CERTIFICATE OF ANALYSIS ETK 89-470

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 21 ROCK samples received July 21, 1989
PROJECT: 1366
SHIPMENT NO. 7

ET#	Description	AU (ppb)	HG (ppb)
470 - 1	24230	5	10
470 - 2	24231	10	650
470 - 3	24232	15	815
470 - 4	24233	5	125
470 - 5	24234	15	70
470 - 6	24235	15	10
470 - 7	24236	5	50
470 - 8	24237	<5	5
470 - 9	24238	5	15
470 - 10	24239	55	20
470 - 11	24240	20	<5
470 - 12	24241	15	10
470 - 13	24242	<5	20
470 - 14	24243	10	<5
470 - 15	24244	20	5
470 - 16	24245	5	<5
470 - 17	24246	10	5
470 - 18	24247	20	10
470 - 19	24248	15	10
470 - 20	24249	10	10
470 - 21	24250	20	10

NOTE: < = less than

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579, PEMBERTON, B.C.
V0N 2L0

SC89/TECK1

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
August 22, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Daley

CERTIFICATE OF ANALYSIS ETK 89-470A
21 Rock Samples, received July 21/89

All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
470.1	24229	<.2	0.05	27	8	< 5	< 5	0.19	< 1	3	246	4	0.49	0.01	< 10	0.03	63	16	<.01	18	31	< 2	8	< 20	3	<.01	< 10	3	< 10	1	3
470.2	24231	<.2	0.02	< 5	11	10	10	0.33	< 1	39	295	4	2.50	<.01	14	9.99	390	2	<.01	726	20	35	72	< 20	16	<.01	< 10	6	< 10	< 1	8
470.3	24232	<.2	0.06	< 5	80	13	13	0.05	< 1	71	254	< 1	3.15	<.01	16	9.12	368	< 1	<.01	1224	37	34	75	< 20	3	<.01	< 10	4	< 10	< 1	8
470.4	24233	<.2	0.87	17	9	93	7	0.10	< 1	7	122	18	2.32	0.32	12	0.63	149	6	0.02	26	274	17	23	< 20	5	0.05	< 10	51	< 10	2	22
470.5	24234	<.2	0.12	24	5	< 5	< 5	<.01	< 1	37	224	54	1.63	<.01	< 10	0.49	19	< 1	<.01	403	20	5	19	< 20	< 1	<.01	< 10	5	< 10	< 1	3
470.6	24235	<.2	0.97	10	7	268	12	0.01	< 1	10	90	24	1.64	0.45	12	0.51	278	4	0.01	31	42	19	15	< 20	< 1	0.07	< 10	32	< 10	3	43
470.7	24236	<.2	2.23	12	5	213	11	0.35	< 1	9	67	46	3.55	0.80	20	0.97	352	2	0.06	14	292	44	30	< 20	65	0.10	< 10	79	< 10	3	59
470.8	24237	<.2	0.11	10	8	< 5	< 5	<.01	< 1	2	149	4	0.49	0.01	< 10	0.05	41	11	<.01	3	36	< 2	8	< 20	3	<.01	< 10	7	< 10	< 1	4
470.9	24238	<.2	0.57	< 5	9	65	9	0.02	< 1	3	86	36	1.32	0.34	< 10	0.46	247	5	<.01	5	276	14	13	< 20	< 1	0.04	< 10	11	< 10	2	18
470.10	24239	1.4	0.46	97	5	28	< 5	2.94	4	15	83	94	3.16	0.13	18	1.68	934	2	<.01	68	74	19	52	< 20	126	<.01	< 10	8	< 10	< 1	47
470.11	24240	<.2	0.67	30	7	7	< 5	0.72	< 1	5	84	18	0.88	0.03	< 10	0.10	132	6	0.01	8	139	7	8	< 20	40	<.01	< 10	8	< 10	1	5
470.12	24241	<.2	0.68	< 5	8	97	< 5	0.06	< 1	4	116	34	1.83	0.34	11	0.51	184	12	0.01	14	103	15	25	< 20	3	0.05	< 10	31	< 10	2	29
470.13	24242	<.2	1.12	< 5	7	191	6	0.07	< 1	15	188	61	1.82	0.57	11	1.00	307	8	<.01	87	266	27	26	< 20	3	0.10	< 10	59	< 10	7	49
470.14	24243	<.2	0.05	< 5	8	< 5	< 5	<.01	< 1	2	135	3	0.36	0.01	< 10	0.04	80	11	<.01	9	30	< 2	8	< 20	1	<.01	< 10	4	< 10	< 1	3
470.15	24244	<.2	0.79	< 5	8	67	< 5	0.04	< 1	8	61	10	2.81	0.28	14	0.77	160	2	<.01	6	174	14	26	< 20	3	0.04	< 10	54	< 10	< 1	22
470.16	24245	<.2	0.37	< 5	7	20	< 5	3.80	< 1	6	66	12	1.75	0.11	< 10	0.31	646	4	<.01	2	238	4	22	< 20	15	0.03	< 10	28	< 10	2	17
470.17	24246	<.2	0.63	5	7	38	< 5	0.28	< 1	8	101	11	2.35	0.08	10	0.52	300	6	0.02	11	215	11	20	< 20	1	0.04	< 10	39	< 10	2	22
470.18	24247	<.2	1.07	< 5	7	43	7	0.42	< 1	7	164	16	2.66	0.13	12	0.83	313	11	0.01	30	642	21	29	< 20	7	0.02	< 10	61	< 10	< 1	46
470.19	24248	<.2	0.42	< 5	9	117	6	0.15	< 1	12	143	41	1.03	0.08	< 10	0.21	377	11	<.01	29	389	9	9	< 20	4	0.02	< 10	15	< 10	2	21
470.20	24249	<.2	0.54	< 5	8	24	7	0.13	< 1	3	150	6	0.98	0.07	< 10	0.39	180	10	0.02	12	338	14	14	< 20	7	<.01	< 10	10	< 10	1	33
470.21	24250	<.2	0.30	7	7	44	< 5	0.05	< 1	< 1	66	2	0.35	0.17	< 10	0.04	72	5	0.02	6	163	4	< 5	< 20	5	<.01	< 10	< 1	< 10	2	29

NOTE: < - Less than

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JULY 27, 1989

CERTIFICATE OF ANALYSIS ETK 89-471

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 22 ROCK samples received July 21, 1989
PROJECT: 1366
SHIPMENT NO. 7

ET#	Description	AU (ppb)	HG (ppb)
471 -	24251	5	15
471 -	24252	105	15
471 -	24253	<5	10
471 -	24254	75	20
471 -	24257	25	15
471 -	24258	<5	15
471 -	24259	10	15
471 -	24260	20	10
471 -	24261	10	10
471 -	24262	<5	10
471 -	24263	5	10
471 -	24264	20	5
471 -	24265	15	20
471 -	24266	20	50
471 -	24267	10	10
471 -	24268	15	370
471 -	24269	20	45
471 -	24270	15	50
471 -	24271	15	15
471 -	24272	25	10
471 -	24273	15	10
471 -	24274	<5	10

NOTE: < = less than

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579, PEMBERTON, B.C.
V0N 2L0

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

SC89/TECK1

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
August 22, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Daley

CERTIFICATE OF ANALYSIS ETK 89-471A
22 Rock Samples, received July 21/89

All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
471.1	24251	0.2	0.18	< 5	7	21	< 5	0.03	< 1	2	41	< 1	0.20	0.10	< 10	0.01	20	3	<.01	5	122	13	< 5	< 20	< 1	<.01	< 10	< 10	< 10	2	18
471.2	24252	0.6	0.13	< 5	13	6	7	0.05	< 1	3	113	6	0.49	0.02	< 10	0.06	93	9	<.01	1	91	16	< 5	< 20	3	<.01	< 10	4	< 10	< 1	6
471.3	24253	<.2	0.66	< 5	8	17	7	12.40	< 1	7	35	26	0.84	0.08	< 10	0.30	489	< 1	0.05	12	335	16	18	< 20	87	0.05	< 10	26	< 10	3	7
471.4	24254	<.2	0.86	29	10	40	6	0.23	1	7	175	13	1.92	0.41	< 10	0.48	339	11	0.02	12	219	21	21	< 20	12	0.05	< 10	28	< 10	< 1	47
471.5	24257	<.2	0.16	< 5	9	< 5	< 5	0.10	< 1	4	157	12	0.63	<.01	< 10	0.08	578	8	<.01	16	61	< 2	9	< 20	6	0.01	< 10	5	< 10	1	15
471.6	24258	<.2	0.01	< 5	8	< 5	< 5	<.01	< 1	< 1	186	2	0.27	<.01	< 10	<.01	42	14	<.01	1	< 10	< 2	< 5	< 20	< 1	<.01	< 10	< 1	< 10	< 1	4
471.7	24259	<.2	0.29	< 5	8	15	< 5	0.13	< 1	2	179	16	0.73	0.01	< 10	0.08	75	10	<.01	6	135	4	8	< 20	31	<.01	< 10	4	< 10	< 1	5
471.8	24260	<.2	1.00	< 5	7	40	< 5	0.21	< 1	6	121	40	2.09	0.09	11	0.67	186	8	0.02	13	265	21	20	< 20	24	0.04	< 10	42	< 10	2	26
471.9	24261	<.2	1.44	10	8	34	< 5	0.62	< 1	12	86	71	1.71	0.06	< 10	0.82	128	2	0.07	44	659	31	24	< 20	189	0.03	< 10	33	< 10	< 1	15
471.10	24262	<.2	0.47	89	7	56	6	<.01	3	3	109	20	1.34	0.20	< 10	0.33	98	9	<.01	6	113	11	13	< 20	3	0.02	< 10	14	< 10	< 1	20
471.11	24263	<.2	0.80	< 5	8	76	7	0.11	< 1	5	118	14	1.57	0.24	< 10	0.51	247	5	0.01	6	71	15	16	< 20	5	0.05	< 10	61	< 10	< 1	25
471.12	24264	<.2	0.03	< 5	8	< 5	< 5	<.01	< 1	< 1	202	9	0.31	<.01	< 10	<.01	140	10	<.01	3	< 10	< 2	5	< 20	< 1	<.01	< 10	2	< 10	< 1	2
471.13	24265	<.2	0.06	< 5	9	< 5	< 5	<.01	< 1	2	176	3	0.46	<.01	< 10	0.03	146	8	<.01	6	10	< 2	6	< 20	< 1	<.01	< 10	2	< 10	< 1	4
471.14	24266	0.4	0.88	< 5	8	45	< 5	0.14	< 1	9	81	12	2.44	0.42	12	0.75	328	< 1	0.02	9	428	20	25	< 20	7	0.07	< 10	48	< 10	3	30
471.15	24267	<.2	1.36	< 5	8	280	20	0.01	< 1	7	97	13	2.23	0.82	13	0.73	448	3	<.01	6	55	26	28	< 20	< 1	0.15	< 10	41	< 10	5	43
471.16	24268	<.2	0.07	1408	8	26	13	1.51	< 1	72	314	13	4.24	<.01	22	12.14	566	< 1	<.01	1234	24	39	104	< 20	405	<.01	< 10	7	< 10	< 1	21
471.17	24269	<.2	0.14	37	10	17	< 5	0.03	2	6	203	27	1.75	0.04	11	0.13	368	11	<.01	34	183	5	11	< 20	5	<.01	< 10	3	< 10	< 1	35
471.18	24270	0.3	0.12	47	9	18	< 5	<.01	2	5	188	44	1.38	0.06	< 10	0.05	399	11	<.01	21	53	6	13	< 20	3	<.01	< 10	2	< 10	< 1	31
471.19	24271	<.2	0.46	< 5	8	63	8	0.03	< 1	3	133	16	1.01	0.20	< 10	0.30	285	7	<.01	7	103	10	19	< 20	2	0.04	< 10	14	< 10	< 1	15
471.20	24272	<.2	1.50	< 5	7	78	11	0.91	< 1	20	75	65	3.56	0.42	17	0.84	250	< 1	0.03	27	924	26	42	< 20	31	0.13	< 10	59	< 10	5	43
471.21	24273	<.2	0.96	< 5	8	43	10	0.42	< 1	15	64	69	3.21	0.19	15	0.68	184	< 1	0.02	14	643	18	34	< 20	12	0.08	< 10	55	< 10	2	34
471.22	24274	<.2	0.52	< 5	9	22	< 5	3.10	< 1	11	76	32	1.83	0.04	< 10	0.31	335	4	0.01	20	319	8	23	< 20	73	0.03	< 10	28	< 10	< 1	28

NOTE: < = Less than

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JULY 27, 1989

CERTIFICATE OF ANALYSIS ETK 89-472

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 3 SILT samples received July 21, 1989
PROJECT: 1366
SHIPMENT NO. 7

ET#	Description	AU (ppb)	HG (ppb)
472 - 1	T 24255	5	75
472 - 2	T 24256	10	110
472 - 3	T 24275	<5	45

NOTE: < = less than

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579, PEMBERTON, B.C.
V0N 2L0

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

SC89/TECK1

Aug 28/89

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
August 23, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Bailey

CERTIFICATE OF ANALYSIS ETK 89-472A
3 Silt Samples, received July 21/89

All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
472.1	T 24255	<.2	2.22	40	10	130	6	0.26	< 1	27	28	45	3.20	0.20	14	1.76	286	< 1	<.01	208	493	42	44	< 20	12	0.11	< 10	79	< 10	9	68
472.2	T 24256	<.2	1.62	65	10	55	19	0.51	2	18	8	20	2.68	0.10	11	0.97	375	< 1	<.01	178	473	28	33	< 20	26	0.06	< 10	51	< 10	7	63
472.3	T 24275	<.2	2.46	291	10	101	16	0.67	8	25	8	49	4.52	0.30	17	1.30	813	< 1	0.02	93	727	45	42	< 20	29	0.10	< 10	85	< 10	6	75

NOTE: < = Less than

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ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

AUGUST 2, 1989

CERTIFICATE OF ANALYSIS ETK 89-473

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 27 ROCK samples received July 21, 1989
PROJECT: 1360
SHIPMENT NO. 7

ET#	Description	Au (ppb)	Hg (ppb)
473 - 1	24330	<5	25
473 - 2	24331	<5	30
473 - 3	24332	<5	65
473 - 4	24333	5	15
473 - 5	24334	<5	20
473 - 6	24335	<5	10
473 - 7	24336	5	10
473 - 8	24337	<5	15
473 - 9	24338	10	15
473 - 10	24339	5	15
473 - 11	24340	5	15
473 - 12	24341	5	15
473 - 13	24342	<5	85
473 - 14	24343	5	5
473 - 15	24344	10	10
473 - 16	24345	5	5
473 - 17	24346	5	5
473 - 18	24347	<5	5
473 - 19	24348	<5	<5
473 - 20	24349	<5	15
473 - 21	24350	<5	10
473 - 22	24351	<5	10
473 - 23	24352	<5	10
473 - 24	24353	10	10
473 - 25	24354	5	10
473 - 26	24355	<5	5
473 - 27	24356	5	10

NOTE: < = less than

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579, PEMBERTON, B.C.
V0N 2L0

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

SCBB/TECK1

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

TECK EXPLORATIONS LTD. - ETK89-473A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED DALEY

AUGUST 1, 1989

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
27 ROCK SAMPLES RECEIVED JULY 21,1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
473 A- 1	24330	1.6	.28	15	18	200	<5	.05	<1	100	701	8	3.65	<.01	<10	10.16	589	7	.04	1400	50	4	30	40	2	<.01	30	28	10	1	31
473 A- 2	24331	1.0	1.57	45	<2	125	<5	.12	<1	115	1379	446	3.63	<.01	<10	2.74	138	5	.03	816	230	<2	20	60	1	.01	30	17	10	<1	17
473 A- 3	24332	1.6	.58	25	12	270	<5	.44	<1	16	150	36	2.48	.26	<10	.43	539	4	.02	37	410	6	15	<20	18	.01	30	27	<10	5	34
473 A- 4	24333	1.8	.08	10	8	255	<5	.02	<1	8	266	13	.85	.06	<10	.09	58	16	.08	10	80	<2	5	20	2	.01	<10	7	<10	<1	6
473 A- 5	24334	1.2	.16	20	10	105	<5	.05	<1	10	278	39	1.94	.03	<10	.13	121	11	.03	22	230	<2	10	<20	3	.01	<10	27	<10	1	11
473 A- 6	24335	.8	.10	20	6	270	<5	.02	<1	9	301	7	.59	.02	<10	.11	122	20	.04	14	40	<2	<5	40	2	<.01	20	5	10	1	7
473 A- 7	24336	1.4	.25	15	8	70	<5	.03	<1	5	129	6	.34	.18	<10	.02	120	7	.03	3	170	4	5	60	3	<.01	30	6	<10	7	20
473 A- 8	24337	1.2	.38	15	6	145	<5	.04	<1	2	284	15	1.26	.12	<10	.26	116	22	.06	14	180	2	5	60	7	.03	<10	13	10	1	22
473 A- 9	24338	1.2	<.01	25	16	305	<5	<.01	<1	3	340	8	.59	.02	<10	<.01	57	20	.06	10	10	<2	5	60	1	<.01	<10	2	10	<1	5
473 A- 10	24339	1.2	.21	<5	2	360	<5	<.01	<1	10	288	14	.81	.13	<10	.13	136	16	.03	16	130	<2	10	80	2	.02	<10	15	10	1	15
473 A- 11	24340	1.4	<.01	15	2	145	<5	<.01	<1	1	382	8	.56	<.01	<10	.01	51	24	.04	14	10	<2	<5	60	<1	<.01	30	6	10	1	4
473 A- 12	24341	1.4	.02	5	2	35	<5	<.01	<1	10	366	8	.63	.02	<10	.05	57	24	.04	11	10	<2	10	60	1	<.01	<10	7	<10	1	4
473 A- 13	24342	24.8	.04	20	12	215	<5	<.01	<1	5	422	9	.93	.02	<10	.05	141	28	.03	19	<10	200	10	60	1	<.01	30	10	<10	1	57
473 A- 14	24343	1.8	.50	5	10	125	<5	.25	<1	9	337	38	1.85	.06	10	.43	254	16	.03	26	280	4	10	40	15	.03	30	30	20	2	26
473 A- 15	24344	1.2	.01	25	6	200	<5	.02	<1	8	438	7	.64	<.01	<10	.05	86	24	.05	11	50	<2	10	60	1	<.01	<10	13	10	1	4
473 A- 16	24345	1.2	.60	30	2	345	<5	.31	<1	5	230	25	1.01	.04	<10	.27	295	20	.03	28	130	<2	10	20	21	.04	<10	24	<10	3	24
473 A- 17	24346	.8	.42	<5	12	180	<5	.17	<1	7	162	14	.49	.03	<10	.06	51	11	.07	9	60	<2	<5	60	23	.01	<10	8	<10	<1	7
473 A- 18	24347	1.4	.22	40	<2	125	<5	.07	<1	3	139	66	.99	.02	<10	.02	43	11	.16	18	70	<2	<5	20	12	.01	<10	12	<10	2	4
473 A- 19	24348	1.0	<.01	5	6	180	<5	<.01	<1	7	403	6	.51	<.01	<10	.01	52	17	.04	12	60	<2	10	80	1	<.01	<10	1	<10	1	3
473 A- 20	24349	1.8	.11	90	10	270	<5	.01	<1	10	172	29	1.11	.02	<10	.04	429	18	.08	31	110	<2	15	40	2	<.01	<10	23	10	2	15
473 A- 21	24350	.6	.27	20	8	300	<5	4.11	<1	<1	164	25	.59	.04	<10	.25	2306	8	.05	13	960	2	10	<20	53	.01	20	7	10	9	19
473 A- 22	24351	.8	.01	15	<2	210	<5	.03	<1	6	266	6	.43	.03	<10	.03	100	10	.04	6	10	<2	5	40	1	<.01	30	3	<10	<1	5
473 A- 23	24352	.6	.03	5	<2	285	<5	.02	<1	5	332	8	.53	.04	<10	.05	134	14	.04	8	80	<2	<5	20	1	<.01	20	3	10	<1	7
473 A- 24	24353	.2	.26	15	2	255	<5	.01	<1	1	159	8	.75	.13	<10	.26	101	10	.03	4	90	<2	5	20	1	.01	30	7	<10	2	11
473 A- 25	24354	.6	.06	750	2	210	<5	<.01	<1	<1	234	7	.55	.08	<10	.01	35	9	.04	6	40	<2	<5	<20	2	<.01	30	3	<10	1	4
473 A- 26	24355	.6	.01	20	<2	70	<5	<.01	<1	2	261	4	.39	.01	<10	.02	48	13	.04	<1	40	<2	<5	20	1	<.01	20	4	<10	1	3
473 A- 27	24356	.6	.02	15	<2	255	<5	.01	<1	4	231	5	.30	.01	<10	.02	41	10	.03	7	40	<2	5	20	1	<.01	30	5	10	2	3

NOTE: < = LESS THAN

FAX: TECK, KAMLOOPS

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JULY 27, 1989

CERTIFICATE OF ANALYSIS ETK 89-474

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 7 SILT samples received July 21, 1989
PROJECT: 1366
SHIPMENT NO. 7

ET#	Description	AU (ppb)	HG (ppb)
474 - 1	AL 89 H T 007	<5	15
474 - 2	AL 89 H T 008	5	15
474 - 3	AL 89 H T 009	10	50
474 - 4	AL 89 H T 010	<5	195
474 - 5	AL 89 H T 011	15	35
474 - 6	AL 89 H T 012	10	20
474 - 7	AL 89 H T 013	<5	30

NOTE: < = less than

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579, PEMBERTON, B.C.
V0N 2L0

ECO-TECH LABORATORIES LTD.
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B.C. Certified Assayer

SC89/TECK1

ECO-TECH LABORATORIES LTD.

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

AUGUST 1, 1989

TECK EXPLORATIONS LTD. - ETK89-474A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED DALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
7 SILT SAMPLES RECEIVED JULY 21,1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
474 A-	1 AL 89 H T007	.4	2.41	195	<2	115	<5	.33	<1	18	86	36	3.49	.22	<10	1.34	537	4	.05	143	860	12	15	<20	18	.15	<10	93	10	5	104
474 A-	2 AL 89 H T008	<.2	2.93	35	<2	175	<5	.27	<1	19	113	42	4.35	.26	<10	1.71	709	6	.06	108	470	6	15	<20	15	.18	30	106	10	6	114
474 A-	3 AL 89 H T009	.4	2.27	315	<2	235	<5	.37	<1	36	263	45	4.75	.32	<10	3.11	648	8	.05	573	750	6	15	<20	13	.13	20	104	<10	8	130
474 A-	4 AL 89 H T010	.2	1.70	560	<2	295	<5	.56	<1	23	164	36	3.03	.19	<10	1.42	556	5	.04	558	710	4	15	<20	25	.08	30	75	<10	9	106
474 A-	5 AL 89 H T011	.2	2.33	155	<2	255	<5	.33	<1	33	159	52	4.43	.25	<10	1.68	812	3	.05	456	1050	6	10	<20	23	.11	30	107	<10	14	133
474 A-	6 AL 89 H T012	.2	2.48	140	<2	130	<5	.63	<1	42	165	68	4.65	.49	<10	2.67	689	11	.05	369	1000	6	20	<20	19	.16	30	112	<10	7	127
474 A-	7 AL 89 H T013	.2	2.51	25	<2	390	<5	.89	<1	43	165	57	5.01	.50	<10	2.69	810	1	.05	332	1900	4	15	<20	26	.24	30	119	<10	9	123

NOTE: < = LESS THAN

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AUGUST 2, 1989

CERTIFICATE OF ANALYSIS ETK 89-475

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 20 ROCK samples received July 21, 1989
PROJECT: 1366
SHIPMENT NO. 7

ET#	Description	AU (ppb)	HG (ppb)
475 - 1	24450	10	15
475 - 2	24451	<5	35
475 - 3	24452	<5	25
475 - 4	24453	10	150
475 - 5	24454	5	90
475 - 6	24455	5	<5
475 - 7	24456	10	110
475 - 8	24457	5	18
475 - 9	24458	10	75
475 - 10	24460	10	125
475 - 11	24461	5	20

NOTE: < = less than

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VON 2L0

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DOUG HOWARD
B.C. Certified Assayer

SC89/TECK1

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
August 23, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 3B1
ATTN: Fred Baley

CERTIFICATE OF ANALYSIS ETK 89-475A
20 Rock Samples, received July 21/89

All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
475.1	24450	<.2	0.41	< 5	13	10	17	0.09	< 1	37	701	31	2.80	0.01	< 10	1.93	100	< 1	<.01	402	24	17	46	< 20	6	<.01	< 10	11	< 10	< 1	9
475.2	24451	<.2	0.30	< 5	11	84	5	0.17	< 1	8	267	31	0.92	0.16	< 10	0.37	120	9	0.02	29	124	6	16	< 20	3	0.06	< 10	15	< 10	6	16
475.3	24452	<.2	0.04	16	12	8	6	0.12	< 1	3	205	2	0.54	<.01	< 10	0.16	94	3	<.01	48	31	< 2	6	< 20	14	<.01	< 10	2	< 10	< 1	3
475.4	24453	<.2	0.09	11	16	37	16	11.74	< 1	25	131	< 1	1.29	<.01	< 10	4.68	241	< 1	<.01	445	< 10	25	50	< 20	1257	<.01	< 10	2	< 10	< 1	3
475.5	24454	<.2	0.04	12	13	7	7	0.15	< 1	3	242	3	0.58	0.01	< 10	0.07	107	11	<.01	25	< 10	< 2	< 5	< 20	19	<.01	< 10	3	< 10	< 1	3
475.6	24455	<.2	0.04	99	14	8	14	0.60	2	27	284	8	1.89	<.01	< 10	6.69	255	< 1	<.01	470	13	29	60	< 20	35	<.01	< 10	4	< 10	< 1	5
475.7	24456	<.2	<.01	67	9	< 5	9	0.16	1	19	231	4	1.85	<.01	< 10	5.09	219	5	<.01	354	36	24	53	< 20	14	<.01	< 10	3	< 10	< 1	4
475.8	24457	<.2	<.01	36	8	7	5	3.79	1	9	154	2	1.96	<.01	< 10	8.02	663	2	<.01	132	36	29	65	< 20	338	<.01	< 10	3	< 10	< 1	2
475.9	24458	<.2	0.43	< 5	8	13	8	0.30	< 1	5	150	2	0.88	0.04	< 10	0.58	106	7	0.02	28	187	9	17	< 20	12	0.03	< 10	17	< 10	1	9
475.10	24460	<.2	0.04	< 5	8	6	18	0.52	< 1	31	260	7	2.91	<.01	< 10	9.43	313	1	<.01	548	< 10	32	66	< 20	14	<.01	< 10	5	< 10	< 1	5
475.11	24461	<.2	0.17	< 5	9	18	10	3.78	< 1	2	143	6	0.84	0.01	< 10	1.86	557	5	0.01	23	54	15	25	< 20	110	<.01	< 10	8	< 10	3	3

NOTE: < = less than

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JULY 27, 1989

CERTIFICATE OF ANALYSIS ETK 89-476

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 1 SILT samples received July 21, 1989
PROJECT: 1366
SHIPMENT NO. 7

ET#	Description	AU (ppb)	HG (ppb)
476 - 1	T 24459	<5	30

NOTE: < = less than

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
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V0N 2L0

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SC89/TECK1

ECO-TECH LABORATORIES LTD.

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

AUGUST 3, 1989

TECK EXPLORATIONS LTD. - ETK89-476A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED DALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
1 SILT SAMPLE RECEIVED JULY 21, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
476	1 T 24459	<.2	.67	85	<2	45	<5	.17	<1	25	81	16	2.35	.06	<10	1.66	379	1	.05	294	310	6	5	<20	8	.03	30	41	<10	2	55

NOTE: < = LESS THAN

CC: JEAN PAULTER, PEMBERTON
FAX: TECK, KAMLOOPS
SC89/TECK1

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ASSAYING - ENVIRONMENTAL TESTING

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AUGUST 6, 1989

CERTIFICATE OF ANALYSIS ETI 89-477

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 24 ROCK samples received July 21, 1989
PROJECT: 1366
SHIPMENT NO. 7

ET#	Description	AU (ppb)	Hg (ppb)	Hg (ppm)
477				
477				
477				
477				
477				
477				
477				
477				
477				
477 - 10	24486	15	15	
477 - 11	24487	10	5	
477 - 12	24488	15	10	
477 - 13	24484	5	5	
477 - 14	24485	10	55	
477 - 15	24486	30	70	
477 - 16	24487	15	110	
477 - 17	24488	<5	30	
477 - 18	24489	<5	6	
477 - 19	24490	10	95	
477 - 20	24491	15	189	
477 - 21	24492	<5	>10000	2.4
477 - 22	24493	5	9000	
477 - 23	24496	5	75	
477 - 24	24497	<5	90	

NOTE: < = less than
> = greater than

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VIA GREYHOUND
C/O PEMBERTON HELICOPTERS
BOX 579, PEMBERTON, B.C.
V0N 2L0

89/TECH 3

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
August 23, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Baley

CERTIFICATE OF ANALYSIS ETK 89-477A
24 Rock Samples, received July 21/89

All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
477.10	24480	1.0	0.07	< 5	7	9	10	1.42	< 1	2	55	9	0.84	<.01	< 10	0.61	277	4	<.01	4	68	16	42	< 20	68	<.01	< 10	6	< 10	< 1	6
477.11	24482	0.5	0.03	< 5	7	< 5	23	2.40	< 1	1	141	10	0.23	<.01	< 10	0.03	154	6	<.01	6	33	6	25	< 20	56	<.01	< 10	1	< 10	< 1	< 1
477.12	24483	<.2	0.49	< 5	10	45	7	0.17	< 1	7	110	16	0.95	0.11	< 10	0.40	186	6	0.02	16	235	18	24	< 20	7	0.04	< 10	20	< 10	2	17
477.13	24484	<.2	0.09	14	12	18	6	0.24	< 1	3	185	5	0.67	0.04	< 10	0.04	318	8	<.01	19	397	6	15	< 20	4	<.01	< 10	2	< 10	2	5
477.14	24485	<.2	1.78	19	8	50	8	0.95	< 1	32	20	155	6.65	0.10	20	0.98	290	< 1	0.05	6	168	42	55	< 20	16	0.12	< 10	400	< 10	< 1	34
477.15	24486	<.2	0.45	7	13	27	5	0.18	< 1	3	190	6	0.47	0.12	< 10	0.18	79	13	0.02	8	66	14	20	< 20	75	0.02	< 10	11	< 10	< 1	4
477.16	24487	<.2	0.19	< 5	13	33	7	4.45	< 1	2	123	12	0.55	0.04	< 10	0.12	512	6	<.01	3	310	8	21	< 20	83	0.01	< 10	12	< 10	< 1	5
477.17	24488	0.3	0.35	29	9	12	11	0.83	< 1	2	207	4	0.76	0.01	< 10	0.52	411	14	0.01	26	188	22	32	< 20	24	<.01	< 10	12	< 10	< 1	7
477.18	24489	<.2	0.21	< 5	11	< 5	6	0.04	< 1	2	130	2	0.46	<.01	< 10	0.25	70	6	<.01	9	77	9	9	< 20	< 1	<.01	< 10	7	< 10	< 1	5
477.19	24490	<.2	0.07	< 5	10	12	11	3.34	< 1	4	157	3	0.99	<.01	< 10	2.24	441	9	<.01	55	35	23	48	< 20	72	<.01	< 10	5	< 10	1	4
477.20	24491	<.2	0.02	186	11	7	< 5	0.31	< 1	19	268	4	1.84	<.01	< 10	6.00	217	3	<.01	318	10	36	80	< 20	10	<.01	< 10	5	< 10	< 1	5

TECK EXPLORATIONS LTD.
ETK 89-477A
Page 2
August 23, 1989

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
477.21	24492	<.2	0.08	88	8	24	< 5	3.40	2	5	115	8	1.33	0.03	< 10	1.73	561	7	<.01	59	100	40	40	< 20	115	<.01	< 10	9	< 10	1	17
477.22	24493	<.2	0.01	79	10	< 5	7	0.77	2	7	160	1	0.68	<.01	< 10	1.51	227	8	<.01	68	27	17	66	< 20	51	<.01	< 10	2	< 10	< 1	2
477.23	24496	<.2	0.01	18	10	< 5	7	1.52	3	3	207	3	0.49	<.01	< 10	1.43	365	14	<.01	30	21	50	40	< 20	64	<.01	< 10	1	< 10	< 1	17
477.24	24497	<.2	0.13	18	10	8	5	0.02	< 1	2	239	5	0.62	0.02	< 10	0.12	183	11	<.01	9	25	6	15	< 20	< 1	<.01	< 10	7	< 10	< 1	8

NOTE: > : Greater than
< : Less than

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AUGUST 2, 1989

CERTIFICATE OF ANALYSIS ETK 89-478

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 3 SOIL samples received July 21, 1989
PROJECT: 1366
SHIPMENT NO. 7

ET#	Description	AU (ppb)	HG (ppb)
478 - 1	S 24481	10	20
478 - 2	S 24494	45	15
478 - 3	T 24495	15	120

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B.C. Certified Assayer

FAX: KAMLOOPS

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579, PEMBERTON, B.C.
V0N 2L0
SC89/TECK3

ECO-TECH LABORATORIES LTD.

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

TECK EXPLORATIONS LTD. - ETK89-478A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BALEY

AUGUST 1, 1989

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
3 SOIL SAMPLES RECEIVED JULY 21,1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
478 A- 1	S 24481	<.2	1.24	45	6	370	<5	.27	<1	22	445	41	2.57	.41	<10	1.93	233	3	.04	310	340	<2	<5	<20	11	.11	30	43	20	4	40
478 A- 2	S 24494	1.2	.10	35	4	255	<5	.48	<1	67	217	17	1.37	.03	<10	1.57	348	<1	.04	1262	30	<2	15	20	29	<.01	10	6	10	1	11
478 A- 3	T 24495	1.2	1.01	185	4	370	<5	.46	<1	34	312	18	3.37	.14	10	4.19	889	1	.02	490	430	2	20	<20	17	.03	30	48	<10	4	53

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

FAX: TECK, KAMLOOPS
SC89/TECK1

ECO-TECH LABORATORIES LTD.

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

AUGUST 18, 1989

CERTIFICATE OF ANALYSIS ETK 89-513

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 36 ROCK samples received July 31, 1989
PROJECT: 1366
SHIPMENT NO: 8

ET#	Description	AU (g/t)	AU (oz/t)	HG (ppb)	HG (ppm)
513 - 1	24151	<.03*	<.001	80	
513 - 2	24152 Archibald Vr	<.03*	<.001	<5	
513 - 3	24153	<.03*	<.001	10	
513 - 4	[illegible]	<.03*	<.001	[illegible] (320)	
513 - 5	[illegible]	.07*	.002	[illegible]	2.5
513 - 6	[illegible]	.08*	.002	[illegible]	1.9
513 - 7	24169	<.03*	<.001	90	
513 - 8	24171	<.03*	<.001	25	
513 - 9	24179	.03*	.001	25	
513 - 10	24180	.03*	.001	20	
513 - 11	[illegible]	<.03*	<.001	[illegible] (745)	
513 - 12	[illegible]	.03*	.001	[illegible]	2.3
513 - 13	24187	<.03*	<.001	60	
513 - 14	24188	<.03*	<.001	110	
513 - 15	24195	<.03*	<.001	10	
513 - 16	24196	.04*	.001	10	
513 - 17	24376	.05*	.001	155	
513 - 18	24377	.11*	.003	55	
513 - 19	24378	.04*	.001	15	
513 - 20	24379	.06*	.002	40	
513 - 21	24380	<.03*	<.001	40	
513 - 22	24381	.04*	.001	20	
513 - 23	[illegible]	.16*	.005	[illegible]	2.6
513 - 24	[illegible]	<.03*	<.001	[illegible] (475)	
513 - 25	[illegible]	(.49) [illegible]	.014	5	
513 - 26	[illegible]	(.38) [illegible]	.011	<5	
513 - 27	24398	.08*	.002	<5	
513 - 28	24400	<.03*	<.001	<5	
513 - 29	24522	<.03*	<.001	15	
513 - 30	24523 Archibald Vr	.03*	.001	<5	

ECO-TECH LABORATORIES LTD.

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

TECK EXPLORATIONS LTD. AUGUST 18, 1989

ET#	Description	AU (g/t)	AU (oz/t)	HG (ppb)	HG (ppm)
513 - 31	24525	.03*	.001	<5	
513 - 32	24526	.03*	.001	<5	
513 - 33	24531	<.03*	<.001	<5	
513 - 34	24532	.03*	.001	<5	
513 - 35	24534	.03*	.001	<5	
513 - 36	[illegible]	.14*	.004	[illegible]	2.3

Archibald Jr

NOTE: < = less than
> = greater than
* sample screened & metallics assayed

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579 PEMBERTON, B.C.
VON 2LO

SC89/TECK4

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
August 23, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Baley

CERTIFICATE OF ANALYSIS ETK 89-513A
36 Rock Samples, received July 31/89
Project 01366
Shipment 08
All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
513.1	24151	<.2	0.03	27	9	< 5	< 5	0.21	< 1	4	162	3	0.35	0.02	< 10	0.09	61	6	<.01	20	< D	< 2	8	< 20	4	<.01	< 10	1	< 10	< 1	5
513.2	24152	<.2	0.21	76	6	9	5	6.42	2	7	88	2	1.83	0.14	< 10	2.99	472	4	<.01	26	< D	20	54	< 20	147	<.01	< 10	4	< 10	< 1	8
513.3	24153	<.2	0.14	52	6	7	< 5	6.31	1	8	92	3	1.90	0.10	< 10	2.94	473	5	<.01	29	< D	20	50	< 20	135	<.01	< 10	3	< 10	< 1	9
513.5	24157	>200.0	0.06	388	10	< 5	35	0.01	40	3	234	24	2.18	0.03	< 10	0.02	25	18	<.01	4	< D	4370	31	< 20	1	<.01	< 10	2	< 10	< 1	390
513.6	24160	99.0	0.04	485	10	< 5	6	1.24	57	4	224	15	2.38	<.01	< 10	0.04	76	14	<.01	6	< D	>10000	314	< 20	9	<.01	< 10	2	15	< 1	794
513.7	24169	5.0	0.07	35	10	< 5	< 5	4.26	1	3	182	12	0.62	0.01	< 10	0.11	222	12	<.01	6	< D	>10000	81	< 20	4	<.01	< 10	< 1	41	< 1	1601
513.8	24171	<.2	0.26	7	13	< 5	< 5	1.13	< 1	4	158	15	0.42	<.01	< 10	0.21	61	10	<.01	7	< D	387	19	< 20	16	<.01	< 10	4	< 10	< 1	33
513.9	24179	3.6	<.01	28	14	< 5	8	0.03	1	1	225	6	0.37	<.01	< 10	<.01	43	14	<.01	< 1	< D	47	10	< 20	5	<.01	< 10	3	< 10	< 1	4
513.10	24180	1.0	<.01	47	13	< 5	< 5	<.01	1	1	239	5	0.34	<.01	< 10	<.01	25	16	<.01	< 1	< D	11	7	< 20	< 1	<.01	< 10	1	< 10	< 1	4
513.11	24182	26.0	0.03	243	12	< 5	< 5	0.32	27	5	205	17	1.73	0.02	< 10	0.02	94	20	<.01	5	< D	3967	33	< 20	< 1	<.01	< 10	4	26	< 1	1042
513.12	24184	>200.0	<.01	762	11	< 5	< 5	0.01	42	< 1	170	6798	0.57	<.01	< 10	<.01	73	17	<.01	1	32	2373	4048	< 20	< 1	<.01	< 10	< 1	< 10	< 1	531
513.13	24187	17.0	0.03	119	13	< 5	< 5	0.30	1	3	182	38	0.79	0.02	< 10	<.01	107	14	<.01	2	< D	51	45	< 20	< 1	<.01	< 10	2	< 10	< 1	28
513.14	24188	20.1	0.02	55	11	< 5	15	1.62	6	3	173	9	0.70	0.02	< 10	0.04	134	11	<.01	4	< D	1835	24	< 20	44	<.01	< 10	2	346	< 1	277
513.15	24195	0.6	0.02	23	13	< 5	< 5	0.27	< 1	2	192	4	0.49	<.01	< 10	0.01	79	12	<.01	2	< D	11	5	< 20	< 1	<.01	< 10	2	34	< 1	3
513.16	24196	<.2	0.02	99	13	< 5	7	0.60	< 1	2	174	3	0.42	0.01	< 10	<.01	86	12	<.01	1	< D	< 2	11	< 20	< 1	<.01	< 10	2	< 10	< 1	1
513.17	24376	17.0	0.06	577	11	8	19	<.01	6	6	151	60	4.09	0.03	< 10	0.01	94	11	0.02	< 1	D	3580	24	< 20	6	<.01	12	10	< 10	< 1	290
513.18	24377	0.6	<.01	116	13	< 5	6	<.01	2	1	178	7	0.76	<.01	< 10	<.01	46	12	<.01	< 1	< D	68	6	< 20	< 1	<.01	< 10	3	< 10	< 1	56
513.19	24378	0.6	0.04	86	13	< 5	< 5	0.01	3	2	177	10	0.83	0.02	< 10	0.02	89	12	<.01	1	< D	159	8	< 20	< 1	<.01	< 10	15	< 10	< 1	47
513.20	24379	0.4	0.02	108	13	< 5	< 5	<.01	1	2	175	4	1.20	<.01	< 10	<.01	47	14	<.01	2	< D	209	6	< 20	< 1	<.01	< 10	12	< 10	< 1	79

TECK EXPLORATIONS LTD.
ETK 89-513A
Page 2
August 23, 1989

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
513.21	24300	0.7	0.09	343	12	10	< 5	<.01	2	9	141	9	3.22	0.04	< 0	0.02	353	12	<.01	12	35	86	24	< 20	< 1	<.01	< 10	20	< 10	< 1	50
513.22	24301	<.2	0.09	121	11	7	< 5	0.26	< 1	9	151	9	2.09	0.06	< 0	0.05	350	9	<.01	13	190	27	15	< 20	8	<.01	< 10	10	< 10	2	12
513.23	24393	>200.0	0.02	383	13	< 5	< 5	0.04	20	1	169	1589	0.93	0.01	< 0	<.01	47	11	<.01	1	163	888	2649	< 20	< 1	<.01	< 10	1	< 10	< 1	525
513.24	24394	136.1	0.03	53	13	< 5	< 5	<.01	2	< 1	161	83	0.37	0.02	< 0	<.01	15	11	<.01	< 1	< 10	71	290	< 20	< 1	<.01	< 10	2	< 10	< 1	19
513.25	24395	2.8	0.65	203	9	7	9	1.42	< 1	22	135	24	4.55	0.09	< 0	0.73	382	5	<.01	21	34	14	46	< 20	16	<.01	< 10	37	< 10	< 1	18
513.26	24396	0.8	2.12	1097	9	12	< 5	3.61	< 1	31	35	62	6.07	0.13	< 0	1.83	911	< 1	0.05	43	< 10	32	73	< 20	74	0.02	< 10	92	< 10	< 1	34
513.27	24398	<.2	2.03	6	9	10	< 5	1.10	< 1	72	4	316	9.15	<.01	2	1.09	407	< 1	0.08	18	18	21	63	< 20	23	0.16	13	223	< 10	< 1	36
513.28	24400	0.7	0.03	21	12	< 5	< 5	0.41	< 1	2	165	4	0.41	0.01	< 0	0.01	80	10	<.01	< 1	< 10	< 2	7	< 20	< 1	<.01	< 10	4	< 10	< 1	6
513.29	24522	0.4	0.02	125	12	< 5	6	2.19	< 1	7	164	3	0.77	<.01	< 0	0.53	186	8	<.01	111	< 10	9	29	< 20	73	<.01	< 10	2	< 10	< 1	3
513.30	24523	0.3	0.01	14	12	< 5	< 5	0.02	< 1	2	169	3	0.28	0.01	< 10	<.01	36	11	<.01	7	< 10	< 2	8	< 20	< 1	<.01	< 10	< 1	< 10	< 1	< 1
513.31	24525	<.2	0.02	7	15	< 5	< 5	<.01	3	2	197	3	0.26	<.01	< 0	<.01	45	23	<.01	61	< 10	< 2	< 5	< 20	< 1	<.01	< 10	< 1	< 10	< 1	1
513.32	24526	0.3	<.01	30	15	< 5	6	<.01	2	1	196	3	0.37	<.01	< 10	<.01	39	14	<.01	3	< 10	< 2	6	< 20	< 1	<.01	< 10	< 1	< 10	< 1	2
513.33	24531	<.2	0.03	24	12	< 5	< 5	<.01	1	3	169	3	0.43	0.02	< 0	<.01	38	11	<.01	6	< 10	4	< 5	< 20	< 1	<.01	< 10	1	< 10	< 1	2
513.34	24532	0.4	0.03	19	13	< 5	< 5	<.01	< 1	3	160	4	0.41	0.02	< 10	<.01	57	10	<.01	8	< 10	4	< 5	< 20	< 1	<.01	< 10	1	< 10	< 1	3
513.35	24534	0.9	0.05	32	11	< 5	< 5	0.52	< 1	2	144	16	0.59	0.02	< 0	0.05	130	9	<.01	6	< 10	< 2	9	< 20	< 1	<.01	< 10	2	< 10	< 1	3
513.36	24593	>200.0	0.01	261	12	< 5	< 5	0.17	29	< 1	166	2944	0.42	<.01	< 10	<.01	40	16	<.01	< 1	318	472	1825	< 20	< 1	<.01	< 10	1	25	< 1	1221

NOTE: > = Greater than
< = Less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

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

AUGUST 18, 1989

CERTIFICATE OF ANALYSIS ETK 89-517

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 27 ROCK samples received July 31, 1989
PROJECT: 1366
SHIPMENT NO: 8

ET#	Description	AU (ppb)	HG (ppm)
517 - 1	24146	25	15
517 - 2	24147	<5	30
517 - 3	24148	15	75
517 - 4	24149	5	30
517 - 5	24150	10	40
517 - 6	24154	<5	45
517 - 7	24155	60	40
517 - 8	24158	<5	45
517 S. 9	[illegible]	35 [illegible]	1740
517 - 10	24161	<5	45
517 C. 11	24162	10	20
517 - 12	24163	25	30
517 - 13	24164	<5	50
517 - 14	24165	<5	50
517 - 15	24166	<5	40
517 - 16	24167	10	15
517 - 17	24168	20	25
517 - 18	24170	10	10
517 - 19	24172	15	20
517 S. 20	24173	<5	25
517 C. 21	24174	15	20
517 C. 22	24175	10	20
517 - 23	24176	30	10
517 - 24	[illegible]	175 [illegible]	15
517 - 25	24178	10	45
517 - 26	24181	20	135
517 - 27	24183	50	55

Silicon Cirque

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579 PEMBERTON, B.C.
V0N 2L0

SC89/TECK3

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
September 22, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Baley

CERTIFICATE OF ANALYSIS ETK 89-517A
27 Rock Samples, received July 31/89
Project 01366
Shipment #8
All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zr
517.1	24146	0.5	1.16	35	9	20	< 5	2.51	1	45	70	372	8.46	0.05	42	0.20	754	< 1	0.03	97	7363	57	< 5	< 20	135	0.03	< 10	17	< 10	41	26
517.2	24147	0.2	0.04	43	11	< 5	8	0.85	2	4	219	10	0.66	0.01	< 10	0.02	104	15	<.01	7	99	13	< 5	< 20	4	<.01	< 10	2	< 10	1	3
517.3	24148	2.4	0.15	332	9	< 5	< 5	0.33	< 1	2	139	31	0.46	0.07	< 10	0.01	78	10	0.02	3	58	35	15	< 20	16	<.01	< 10	< 1	< 10	1	6
517.4	24149	<.2	0.11	19	10	< 5	< 5	3.31	< 1	3	234	6	0.78	0.01	< 10	0.67	236	9	<.01	23	59	35	20	< 20	20	<.01	< 10	1	< 10	< 1	4
517.5	24150	0.9	1.47	267	5	7	< 5	7.63	< 1	32	327	87	2.95	0.02	11	6.03	733	< 1	<.01	267	< 10	68	5	< 20	147	<.01	< 10	29	< 10	< 1	17
517.6	24154	<.2	0.05	117	11	< 5	< 5	0.12	< 1	4	326	6	1.14	0.02	< 10	0.07	80	13	<.01	35	13	35	< 5	< 20	2	<.01	< 10	2	< 10	< 1	3
517.7	24155	<.2	0.06	52	11	< 5	< 5	5.99	1	2	171	3	0.75	<.01	< 10	0.28	294	8	<.01	6	< 10	22	< 5	< 20	8	<.01	< 10	3	< 10	< 1	3
517.8	24158	<.2	0.19	83	6	< 5	< 5	12.56	2	10	59	3	1.65	0.07	< 10	1.47	721	1	<.01	23	61	42	< 5	< 20	43	<.01	< 10	5	702	< 1	5
517.9	24159	21.9	0.22	361	9	< 5	< 5	2.31	52	4	196	77	1.98	0.01	< 10	0.25	139	7	<.01	13	< 10	6854	10	< 20	21	<.01	< 10	1	489	< 1	1311
517.10	24161	1.0	0.07	201	10	< 5	< 5	2.75	1	9	238	11	0.67	0.03	< 10	0.11	179	16	<.01	23	< 10	108	< 5	< 20	7	<.01	< 10	2	17	< 1	21
517.11	24162	2.4	0.03	28	11	< 5	< 5	2.69	1	3	216	9	0.65	0.01	< 10	0.32	233	9	<.01	10	< 10	61	< 5	< 20	13	<.01	< 10	2	15	< 1	12
517.12	24163	0.5	0.09	213	9	< 5	< 5	2.11	< 1	14	188	6	2.47	0.07	< 10	0.14	264	11	<.01	21	< 10	58	5	< 20	12	<.01	< 10	4	< 10	< 1	8
517.13	24164	0.8	0.04	79	12	< 5	< 5	0.09	2	2	295	5	0.64	0.02	< 10	0.01	75	9	<.01	5	12	22	< 5	< 20	2	<.01	< 10	2	< 10	< 1	4
517.14	24165	<.2	0.01	21	11	< 5	< 5	0.90	< 1	1	253	4	0.57	<.01	< 10	0.13	144	17	<.01	4	< 10	16	< 5	< 20	6	<.01	< 10	2	< 10	< 1	3
517.15	24166	<.2	0.04	29	10	< 5	< 5	1.20	< 1	3	272	3	0.43	0.03	< 10	0.02	93	11	<.01	7	< 10	27	< 5	< 20	3	<.01	< 10	2	< 10	< 1	4
517.16	24167	0.2	0.16	100	10	< 5	< 5	4.63	< 1	5	187	4	0.81	0.03	< 10	0.27	315	11	<.01	11	< 10	21	< 5	< 20	16	<.01	< 10	5	< 10	< 1	3
517.17	24168	0.4	0.78	625	6	< 5	7	12.06	< 1	33	93	19	3.33	0.09	< 10	2.43	597	< 1	<.01	89	< 10	53	< 5	< 20	95	<.01	< 10	17	< 10	< 1	39
517.18	24170	<.2	0.32	50	7	< 5	6	>15.00	2	7	62	12	0.74	0.02	< 10	0.59	540	3	<.01	24	83	34	< 5	< 20	119	<.01	< 10	4	< 10	< 1	3
517.19	24172	0.9	0.09	270	10	< 5	5	2.36	< 1	5	187	5	1.48	0.01	< 10	0.08	219	7	<.01	16	< 10	16	< 5	< 20	4	<.01	< 10	12	< 10	< 1	4
517.20	24173	1.6	0.05	69	12	< 5	< 5	0.31	2	2	240	6	0.52	<.01	< 10	0.04	84	16	<.01	6	< 10	10	5	< 20	< 1	<.01	< 10	3	< 10	< 1	3

TECK EXPLORATIONS LTD.
ETK 89-517A
Page 2
September 22, 1989

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
517.21	24174	<.2	0.02	46	10	< 5	< 5	0.60	1	2	252	3	0.45	<.01	< 10	0.01	78	17	<.01	45	< 10	10	< 5	< 20	2	<.01	< 10	1	< 10	< 1	17
517.22	24175	<.2	0.07	6	10	< 5	< 5	1.57	> 1	1	302	6	0.44	0.02	< 10	0.08	91	21	<.01	11	15	12	< 5	< 20	16	<.01	< 10	2	240	< 1	3
517.23	24176	0.3	0.06	1163	10	< 5	< 5	2.73	< 1	3	258	6	0.93	0.03	< 10	0.59	243	18	<.01	9	< 10	22	5	< 20	34	<.01	< 10	5	< 10	< 1	7
517.24	24177	0.5	0.15	3334	9	< 5	8	9.02	< 1	11	99	11	2.65	0.08	< 10	3.00	790	3	<.01	19	< 10	49	10	< 20	210	<.01	< 10	14	< 10	< 1	9
517.25	24178	1.5	0.69	471	5	< 5	9	10.04	< 1	30	61	32	2.79	0.14	< 10	3.18	582	< 1	<.01	158	39	50	15	< 20	122	<.01	< 10	5	< 10	< 1	12
517.26	24181	74.9	0.04	234	12	< 5	< 5	0.19	1	5	263	106	0.02	0.02	< 10	0.05	121	15	<.01	7	16	35	100	< 20	3	<.01	< 10	3	10	< 1	41
517.27	24183	17.4	0.25	3526	7	23	7	5.36	1	60	17	90	8.99	0.19	26	2.65	1053	< 1	<.01	57	33	63	45	< 20	168	<.01	10	40	< 10	< 1	67

NOTE:) = Greater than
(= Less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

cc: Jean Pautler

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

AUGUST 25, 1989

CERTIFICATE OF ANALYSIS ETK 89-518

TIONS LTD.
OND AVENUE
C.

FRED DALEY

IFICATION: 20 ROCK samples received July 31, 1989
PROJECT: 1366
SHIPMENT NO: 8

escription	AU (ppb)	HG (ppb)
24551	15	35
24552	10	25
24553	40	35
24554	15	30
24555	10	40
24556	110	120
24557	30	40
24558	10	45
24559	5	30
24560	15	25
24561	10	25
24562	15	30
24563	5	65
24564	<5	40
24565	10	105
24566	<5	35
24567	10	20
24568	5	30
24569	15	20
24570	<5	20

less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

AUTLER
MBERTON HELICOPTERS
9 PEMBERTON, B.C.
0

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
August 28, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Bailey

CERTIFICATE OF ANALYSIS ETK 89-51BA
20 Rock Samples, received July 31/89
Project 01366
Shipment 08
All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
518.1	24551	0.4	0.31	18	9	7	7	0.09	< 1	10	230	17	0.98	0.01	< 10	0.32	110	14	<.01	10	49	17	17	< 20	4	<.01	11	23	< 10	3	19
518.2	24552	<.2	0.63	39	10	16	< 5	0.14	< 1	12	225	33	1.46	0.03	< 10	0.57	130	15	0.01	11	44	20	26	< 20	5	0.02	< 10	41	< 10	2	34
518.3	24553	0.8	0.39	< 5	7	< 5	< 5	10.17	< 1	6	224	20	0.61	<.01	< 10	0.55	335	7	<.01	32	49	23	32	< 20	184	<.01	< 10	9	< 10	< 1	3
518.4	24554	<.2	1.63	24	9	10	< 5	2.12	< 1	3	162	16	0.35	0.06	< 10	0.17	102	11	0.05	9	51	24	15	< 20	45	<.01	< 10	4	< 10	< 1	< 1
518.5	24555	<.2	0.56	< 5	9	35	< 5	0.27	< 1	4	102	9	0.94	0.20	< 10	0.28	233	5	0.02	10	195	20	18	< 20	8	0.04	< 10	16	< 10	3	32
518.6	24556	<.2	0.43	< 5	9	31	< 5	0.05	< 1	1	97	3	0.58	0.17	< 10	0.14	80	7	0.01	3	41	15	7	< 20	4	<.01	< 10	6	< 10	2	15
518.7	24557	0.3	0.43	< 5	9	20	< 5	0.05	< 1	2	113	4	0.55	0.18	< 10	0.10	159	7	0.02	10	71	17	< 5	< 20	10	0.01	< 10	2	< 10	2	25
518.8	24558	<.2	1.13	16	8	16	< 5	0.71	< 1	16	40	81	2.54	0.07	< 10	0.84	164	2	0.08	29	443	30	28	< 20	14	0.09	< 10	73	< 10	4	8
518.9	24559	<.2	0.20	< 5	10	25	< 5	<.01	1	3	231	30	0.78	0.06	< 10	0.10	58	14	<.01	4	29	8	11	< 20	4	0.02	10	7	< 10	< 1	273
518.10	24560	<.2	0.40	< 5	10	54	< 5	0.02	< 1	4	143	6	0.73	0.21	10	0.22	110	9	0.03	3	78	16	12	< 20	4	0.06	< 10	15	< 10	3	18
518.11	24561	<.2	0.20	< 5	10	< 5	< 5	<.01	< 1	2	93	9	0.46	0.07	< 10	0.04	96	5	0.02	4	< 10	11	5	< 20	3	0.01	< 10	4	< 10	2	11
518.12	24562	<.2	1.29	9	8	6	< 5	0.96	< 1	21	44	72	1.55	0.04	< 10	0.47	118	3	0.07	29	428	25	19	< 20	22	0.11	< 10	32	< 10	6	5
518.13	24563	<.2	0.94	5	10	185	< 5	0.08	< 1	13	149	14	2.56	0.53	10	0.47	435	5	0.03	14	366	27	29	< 20	6	0.09	< 10	68	< 10	8	44
518.14	24564	<.2	0.08	< 5	10	6	< 5	>15.00	< 1	3	13	9	1.30	<.01	< 10	4.56	913	< 1	<.01	13	538	44	55	< 20	140	<.01	< 10	10	< 10	7	10
518.15	24565	<.2	0.02	< 5	8	< 5	< 5	0.51	< 1	1	237	3	0.33	<.01	< 10	0.18	82	14	<.01	8	20	6	11	< 20	5	<.01	< 10	2	< 10	< 1	< 1
518.16	24566	<.2	0.64	< 5	9	169	< 5	0.24	< 1	6	139	14	1.11	0.36	< 10	0.17	201	7	0.02	10	472	14	14	< 20	13	0.04	< 10	22	< 10	2	18
518.17	24567	<.2	0.47	< 5	8	6	< 5	0.08	< 1	53	1166	67	2.21	<.01	< 10	1.96	63	< 1	<.01	709	15	32	47	< 20	2	<.01	11	24	< 10	< 1	14
518.18	24568	<.2	0.10	< 5	11	< 5	< 5	0.26	< 1	2	201	18	0.38	<.01	< 10	0.15	85	10	<.01	25	914	7	7	< 20	3	<.01	< 10	5	< 10	5	1
518.19	24569	<.2	0.12	< 5	10	< 5	7	6.15	< 1	28	337	5	1.91	<.01	< 10	7.27	527	< 1	<.01	379	16	45	60	< 20	152	<.01	< 10	6	< 10	< 1	4
518.20	24570	<.2	1.09	11	9	219	6	0.13	< 1	12	180	2	2.21	0.65	< 10	0.40	356	9	0.02	20	109	23	27	< 20	10	0.07	< 10	31	< 10	2	38

NOTE:) = Greater than
(= less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

cc: Jean Pautler

ECO-TECH LABORATORIES LTD.

ASSAYING · ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 6J3 (604) 573-5700 Fax 573-4557

AUGUST 10, 1989

CERTIFICATE OF ANALYSIS ETK 89-519

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 24 ROCK samples received July 31, 1989
PROJECT: 1366
SHIPMENT NO: 8

ET#	Description	AU (ppb)	HG (ppb)	
519 - 1	24382	45	15	
519 - 2	24383	10	10	
519 - 3	24384	<5	5	
519 - 4	24385	10	5	
519 - 5	24386	<5	15	
519 - 6	24387	5	<5	
519 - 7	24388	15	<5	
519 - 8	24389	5	<5	
519 - 9	24390	15	<5	
519 - 10	24391	10	<5	
519 - 11	24392	15	<5	
519 - 12	24396	10	5	
519 - 13	24397	5	5	
519 - 14	24399	<5	5	
519 - 15	24585	<5	<5	
519 - 16	24587	45	15	
519 - 17	24588	55	10	
519 - 18	24589	175	5	
519 - 19	24590	20	165	SILICON CIRCLE
519 - 20	24591	10	15	
519 - 21	24592	15	10	
519 - 22	24594	14	310	
519 - 23	24595	15	5	
519 - 24	24597	15	5	

NOTE: < = less than

8089/TECK1
cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579 PEMBERTON, B.C.
V0N 2L0

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
September 22, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 3V1
ATTN: Fred Baley

CERTIFICATE OF ANALYSIS ETK 89-5196
24 Rock Samples, received July 31/89
Project 01366
Shipment 08
All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
519.1	24382	<.2	0.05	< 5	10	9	< 5	0.11	< 1	6	250	39	0.64	0.03	< 10	0.06	74	128	<.01	13	69	7	< 5	< 20	2	<.01	< 10	4	< 10	3	4
519.2	24383	0.3	0.14	23	7	21	< 5	0.08	< 1	4	171	39	0.77	0.09	< 10	0.04	108	14	0.01	2	259	26	< 5	< 20	3	<.01	< 10	4	< 10	2	25
519.3	24384	<.2	0.06	8	7	8	< 5	0.03	< 1	3	305	37	0.83	0.03	< 10	0.03	85	23	<.01	5	79	7	< 5	< 20	1	<.01	< 10	4	< 10	< 1	7
519.4	24385	0.2	<.01	< 5	8	< 5	26	0.35	< 1	2	274	17	0.45	<.01	< 10	0.16	113	17	<.01	6	10	14	5	< 20	36	<.01	< 10	1	< 10	< 1	2
519.5	24386	<.2	0.09	< 5	8	36	< 5	<.01	< 1	1	135	2	0.35	0.07	< 10	0.01	63	10	0.02	3	10	6	< 5	< 20	4	<.01	< 10	2	< 10	< 1	3
519.6	24387	<.2	0.36	18	9	26	< 5	0.15	< 1	5	118	11	0.68	0.14	< 10	0.20	168	6	0.02	6	138	19	< 5	< 20	4	0.02	< 10	11	< 10	2	7
519.7	24388	0.2	0.12	6	9	58	< 5	0.71	< 1	5	134	59	2.46	0.05	13	0.05	1087	9	0.01	9	934	13	< 5	< 20	40	0.02	< 10	15	< 10	3	4
519.8	24389	<.2	0.15	14	8	7	< 5	0.06	< 1	3	107	22	0.59	0.06	< 10	0.05	130	7	0.02	4	47	17	< 5	< 20	2	0.01	< 10	5	< 10	1	2
519.9	24390	<.2	0.03	< 5	8	7	< 5	0.05	< 1	27	206	59	4.76	0.03	11	0.04	217	13	<.01	49	123	22	< 5	< 20	4	0.02	< 10	8	< 10	< 1	5
519.10	24391	<.2	0.03	9	8	< 5	< 5	0.33	< 1	4	127	30	1.20	<.01	< 10	0.03	485	7	<.01	10	573	7	< 5	< 20	6	<.01	< 10	5	< 10	1	6
519.11	24392	<.2	1.64	33	3	< 5	< 5	6.66	< 1	34	35	1983	0.84	0.05	< 10	0.58	313	1	0.03	66	156	36	< 5	< 20	41	<.01	< 10	11	< 10	< 1	29
519.12	24396	0.8	0.44	1194	6	9	< 5	5.48	< 1	34	55	116	4.46	0.10	11	2.40	814	< 1	<.01	37	134	35	< 5	< 20	147	<.01	< 10	26	< 10	< 1	21
519.13	24397	0.5	0.06	797	7	< 5	< 5	1.51	< 1	6	191	23	1.16	0.03	< 10	0.24	288	12	<.01	13	< 10	12	5	< 20	17	<.01	< 10	3	< 10	< 1	2
519.14	24399	<.2	0.02	63	9	< 5	< 5	0.07	1	3	247	10	0.48	0.01	< 10	<.01	76	15	<.01	6	< 10	15	< 5	< 20	1	<.01	< 10	1	< 10	< 1	< 1
519.15	24585	<.2	0.18	20	7	< 5	< 5	0.26	< 1	4	177	20	0.63	<.01	< 10	0.08	147	12	0.01	5	23	6	< 5	< 20	3	<.01	< 10	7	< 10	< 1	< 1
519.16	24587	1.0	0.33	825	8	8	< 5	8.59	< 1	37	20	67	5.38	0.11	15	2.87	1161	< 1	<.01	27	< 10	38	50	< 20	109	<.01	< 10	94	< 10	< 1	40
519.17	24588	0.7	0.74	1584	8	8	< 5	8.36	< 1	35	25	63	6.11	0.10	16	2.96	983	< 1	<.01	29	< 10	42	55	< 20	192	<.01	< 10	110	< 10	< 1	39
519.18	24589	0.3	0.05	3387	8	< 5	< 5	3.17	< 1	9	114	9	1.96	0.03	< 10	0.78	485	5	<.01	6	< 10	20	10	< 20	48	<.01	< 10	12	< 10	< 1	8
519.19	24590	34.6	0.27	222	7	< 5	< 5	1.09	< 1	11	250	38	1.60	0.05	< 10	0.63	308	12	<.01	22	14	52	20	< 20	18	<.01	< 10	9	10	< 1	28
519.20	24591	1.0	0.94	873	5	10	< 5	6.02	< 1	50	47	72	4.92	0.06	12	2.03	674	< 1	<.01	62	86	44	20	< 20	139	<.01	< 10	73	< 10	< 1	35

TECK EXPLORATIONS LTD.
ETK 89-519A
Page 2
September 22, 1989

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
519.21	24592	0.9	0.03	67	9	< 5	< 5	0.15	1	3	196	9	0.48	<.01	< 10	0.05	82	12	<.01	3	< 10	3	5	< 20	1	<.01	< 10	3	< 10	< 1	2
519.22	24594	49.0	0.07	106	10	< 5	< 5	0.18	4	2	148	119	0.54	0.01	< 10	0.05	67	12	<.01	1	16	112	85	< 20	< 1	<.01	< 10	6	20	< 1	698
519.23	24595	3.0	0.02	156	9	< 5	< 5	0.90	4	4	127	9	1.40	0.02	< 10	0.17	132	7	<.01	4	15	22	5	< 20	11	<.01	< 10	2	< 10	< 1	13
519.24	24597	1.2	0.01	91	8	< 5	< 5	1.19	2	5	146	7	0.93	0.02	< 10	0.18	187	11	<.01	4	< 10	30	< 5	< 20	10	<.01	< 10	1	< 10	< 1	14

NOTE: < = Less than

cc: Jean Pautler
c/o Pemberton Helicopters
Box 579
Pemberton, B.C.
V0N 2L0

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

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

AUGUST 10, 1989

CERTIFICATE OF ANALYSIS ETK 89-520

RATIONS LTD.
ECOND AVENUE
B.C.

FRED DALEY

NTIFICATION: 1 SILT samples received July 31, 1989
PROJECT: 1366
SHIPMENT NO: 8

Description		AU (ppb)	HG (ppb)
4086	Silicon Cirque	30	75

ECO TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

AUGLER
PEMBERTON HELICOPTERS
PEMBERTON, B.C.

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
September 22, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Daley

CERTIFICATE OF ANALYSIS ETK 89-5208
1 Silt Sample, received July 31/89
Project 01366
Shipment 00
All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
520.1	24506	1.0	1.04	686	4	24	< 5	0.32	< 1	17	6	46	2.45	0.04	< 10	0.51	226	< 1	<.01	22	824	41	5	< 20	15	0.05	< 10	42	< 10	4	38

NOTE: < = Less than

cc: Joan Pautler

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

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

AUGUST 10, 1989

CERTIFICATE OF ANALYSIS ETK 89-521

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 16 SILT samples received July 31, 1989
PROJECT: 1366
SHIPMENT NO: 8

ET#	Description	AU (ppb)	HG (ppb)
521 - 1	AL 89 H TO 14	5	110
521 - 2	AL 89 H TO 15	<5	50
521 - 3	AL 89 H TO 16	10	80
521 - 4	AL 89 H TO 17	<5	45
521 - 5	AL 89 H TO 18	15	65
521 - 6	AL 89 H TO 19	10	>1000
521 - 7	AL 89 H TO 20	15	60
521 - 8	AL 89 H TO 21	<5	50
521 - 9	AL 89 H TO 22	5	50
521 - 10	AL 89 H TO 23	15	50
521 - 11	AL 89 H TO 24	10	90
521 - 12	AL 89 H TO 25	15	35
521 - 13	AL 89 H TO 26	5	65
521 - 14	AL 89 H TO 27	5	50
521 - 15	AL 89 H TO 28	25	65
521 - 16	AL 89 H TO 29	20	65

NOTE: < = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

SC89/TECK1
cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579 PEMBERTON, B.C.
V0N 2L0

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
August 28, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Daley

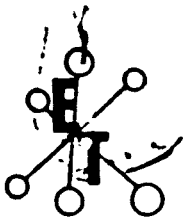
CERTIFICATE OF ANALYSIS ETK 89-521A
16 Silt Samples, received July 31/89
Project 01366
Shipment 08
All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
521.1	AL89 N TO 14	<.2	1.41	61	7	124	< 5	0.71	1	20	73	28	2.76	0.21	< 10	1.18	452	< 1	<.01	285	520	38	44	< 20	16	0.06	< 10	50	< 10	2	55
521.2	AL89 N TO 15	<.2	0.88	59	8	67	23	0.30	< 1	22	72	18	2.58	0.15	< 10	1.24	396	< 1	<.01	213	362	32	48	< 20	12	0.05	< 10	44	13	3	44
521.3	AL89 N TO 16	<.2	1.81	49	7	133	6	0.30	< 1	21	69	44	2.92	0.39	< 10	1.28	449	< 1	<.01	175	242	43	44	< 20	10	0.11	< 10	53	< 10	5	84
521.4	AL89 N TO 17	<.2	1.09	95	7	78	7	0.22	1	30	120	18	2.83	0.13	< 10	2.30	480	< 1	<.01	424	391	41	61	< 20	10	0.05	< 10	43	< 10	2	37
521.5	AL89 N TO 18	<.2	1.22	117	10	74	< 5	0.39	2	46	197	20	2.94	0.15	< 10	2.69	1063	< 1	<.01	598	716	54	52	< 20	11	0.07	< 10	48	< 10	3	41
521.6	AL89 N TO 19	<.2	0.38	191	5	59	< 5	0.08	< 1	35	61	15	3.52	0.06	< 10	2.39	668	< 1	<.01	353	307	31	63	< 20	21	0.01	< 10	36	12	< 1	43
521.7	AL89 N TO 20	<.2	1.82	49	6	68	< 5	0.27	1	17	55	27	2.46	0.14	< 10	0.92	282	< 1	<.01	101	548	41	29	< 20	9	0.07	< 10	56	< 10	3	57
521.8	AL89 N TO 21	<.2	1.37	42	6	67	< 5	0.47	< 1	10	35	19	1.90	0.10	< 10	0.58	321	14	<.01	134	619	32	18	< 20	13	0.05	< 10	45	12	5	46
521.9	AL89 N TO 22	<.2	1.42	15	5	87	< 5	0.38	< 1	11	72	29	2.50	0.24	< 10	0.79	233	< 1	<.01	134	358	34	34	< 20	9	0.07	< 10	50	< 10	4	68
521.10	AL89 N TO 23	<.2	1.68	38	5	66	< 5	0.29	< 1	23	49	42	2.95	0.17	< 10	1.43	483	< 1	<.01	273	413	48	52	< 20	7	0.08	< 10	58	21	5	47
521.11	AL89 N TO 24	<.2	1.79	68	6	67	9	0.35	< 1	19	35	34	2.64	0.17	< 10	0.93	581	< 1	<.01	104	323	44	36	< 20	9	0.08	< 10	62	< 10	8	47
521.12	AL89 N TO 25	<.2	1.29	111	6	49	< 5	0.66	2	12	20	24	2.14	0.25	< 10	0.88	309	< 1	<.01	81	785	33	38	< 20	15	0.06	< 10	51	< 10	3	44
521.13	AL89 N TO 26	<.2	2.12	75	6	91	< 5	0.26	1	18	58	40	2.95	0.25	< 10	1.16	493	< 1	<.01	101	612	47	48	< 20	8	0.10	< 10	66	< 10	4	54
521.14	AL89 N TO 27	<.2	1.74	68	6	77	6	0.23	1	14	36	32	2.64	0.25	< 10	0.94	363	< 1	<.01	49	557	40	34	< 20	6	0.09	< 10	62	< 10	3	41
521.15	AL89 N TO 28	<.2	1.15	84	6	42	< 5	0.23	2	15	34	26	2.10	0.13	< 10	0.76	325	< 1	<.01	84	367	29	28	< 20	6	0.07	< 10	47	10	4	29
521.16	AL89 N TO 29	0.2	1.49	68	6	72	11	0.52	1	13	41	30	2.30	0.18	< 10	0.86	381	< 1	<.01	73	583	35	33	< 20	12	0.05	< 10	43	< 10	11	69

NOTE: < = Less than

cc: Jean Pautler

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER



Aug 14/89 ✓

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

AUGUST 9, 1989

CERTIFICATE OF ANALYSIS ETK 89-522

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 5 HEAVY MINERAL samples received July 31, 1989
FOR HEAVY MINERAL SEPARATION (TETRABROMOETHANE)
AT S.G. 2.96
PROJECT: 1366 SHIPMENT NO: 8

ET#	Description	AU (ppb)	HG (ppb)
522 - 1	AL 89 H 001	<5	495
522 - 2	AL 89 H 002	5	455
522 - 3	AL 89 H 003	25	635
522 - 4	AL 89 H 004	65	225
522 - 5	AL 89 H 005	5	285

NOTE: < = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

cc: JEAN PAUTLER
VIA GREYHOUND
C/O PEMBERTON HELICOPTERS
BOX 579 PEMBERTON, B.C.
V0N 2L0
FAX: FRED DALEY
SC89/TECK3

ECO-TECH LABORATORIES LTD.

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

AUGUST 9, 1989

TECK EXPLORATIONS LTD. - ETK89-522A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED DALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
5 HEAVY MEDIA CONCENTRATIONS RECEIVED JULY 31, 1989

ETK#	DESCRIPTIONS	Ag	Al(%)	As	B	Ba	Bi	Ca(%)	Cd	Co	Cr	Cu	Fe(%)	K(%)	La	Mg(%)	Mn	Mo	Na(%)	Ni	P	Pb	Sb	Sn	Sr	Ti(%)	U	V	W	Y	Zn
522 A-	1 AL 89 N 001	.6	1.25	80	2	35	<5	.73	<1	28	256	37	4.48	.15	5	1.29	403	6	.03	152	860	13	10	70	16	.21	20	140	30	8	68
522 A-	2 AL 89 N 002	.9	1.04	8	7	33	<5	.67	<1	25	214	24	4.22	.12	10	1.03	436	4	.02	102	940	15	10	<20	15	.23	25	159	50	7	76
522 A-	3 AL 89 N 003	.9	1.27	245	9	133	<5	.47	<1	37	223	45	7.37	.19	10	2.43	577	14	.03	323	945	10	10	<20	13	.16	25	140	5	14	125
522 A-	4 AL 89 N 004	1.0	1.01	80	3	38	<5	.60	<1	33	189	38	5.52	.12	5	1.90	500	6	.02	117	1305	13	10	<20	11	.30	20	222	15	8	87
522 A-	5 AL 89 N 005	.9	1.31	175	4	80	<5	.76	<1	33	196	40	5.02	.20	5	1.59	573	8	.03	107	805	12	10	<20	14	.18	15	131	<10	10	76

NOTE: < = LESS THAN

FAX: TECK, KAMLOOPS
9CB9/TECK1

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

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

AUGUST 11, 1989

CERTIFICATE OF ANALYSIS ETK 89-523

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 19 ROCK samples received July 31, 1989
PROJECT: 1366
SHIPMENT NO: 8

ET#	Description	AU (ppb)	HG (ppb)
523 - 1	24357	150	14
523 - 2	24358	10	29
523 - 3	24359	15	14
523 - 4	24360	25	7
523 - 5	24361	30	32
523 - 6	24362	5	16
523 - 7	24363	<5	11
523 - 8	24364	<5	11
523 - 9	24365	5	14
523 - 10	24366	40	25
523 - 11	24367	31	28
523 - 12	24368	15	17
523 - 13	24369 - MAC	10	21
523 - 14	24370	<5	18
523 - 15	24371	<5	14
523 - 16	24372 - MAC	<5	36
523 - 17	24373	<5	21
523 - 18	24374 - MAC	<5	87
523 - 19	24375 - MAC	15	23

NOTE: < = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579 PEMBERTON, B.C.
V0N 2L0

BC89/TECK1

ECO-TECH LABORATORIES LTD.

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

AUGUST 21, 1989

TECK EXPLORATIONS LTD. - ETK89-523 A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
19 ROCK SAMPLES RECEIVED JULY 31,1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SR	SR	TI(%)	U	V	W	Y	ZN
523 A- 1	24357	.2	.25	<5	<2	50	<5	.06	<1	4	164	23	.67	.16	<10	.14	107	11	.07	4	110	4	<5	<20	7	.03	<10	12	<10	1	17
523 A- 2	24358	.4	1.78	5	<2	<5	<5	.66	<1	32	106	338	3.73	.02	<10	1.12	139	5	.09	85	160	<2	10	<20	21	.06	30	67	<10	3	44
523 A- 3	24359	.2	.61	<5	<2	20	<5	.01	<1	2	92	25	.97	.12	<10	.12	116	4	.06	3	20	4	5	<20	2	.01	20	4	<10	1	43
523 A- 4	24360	.2	.25	10	<2	10	<5	.22	<1	8	67	53	1.40	.05	<10	.05	42	5	.08	2	730	4	5	<20	24	.05	<10	10	<10	2	24
523 A- 5	24361	.2	.05	10	18	5	<5	.03	<1	77	192	7	2.35	.02	<10	12.83	679	4	.06	1260	40	10	10	<20	1	<.01	<10	8	<10	<1	27
523 A- 6	24362	.2	.07	10	32	10	<5	.06	<1	92	222	18	4.19	<.01	<10	>15.	749	9	.05	1774	40	10	15	<20	1	<.01	20	7	<10	1	32
523 A- 7	24363	.4	1.01	5	6	35	<5	.05	<1	65	892	158	3.22	<.01	<10	4.21	528	<1	.05	536	120	8	5	<20	3	.01	10	34	<10	1	24
523 A- 8	24364	<.2	3.17	5	<2	5	<5	2.52	<1	4	54	18	.28	<.01	<10	.51	63	<1	.16	46	10	<2	10	<20	86	<.01	20	4	<10	<1	5
523 A- 9	24365	.2	1.00	<5	<2	15	<5	.50	<1	19	35	42	2.38	.16	<10	.27	126	<1	.11	6	590	2	5	<20	48	.06	<10	123	<10	6	15
523 A- 10	24366	<.2	.13	5	46	<5	<5	.02	<1	58	414	<1	2.37	<.01	<10	14.76	431	9	.05	1228	30	8	10	<20	1	<.01	10	9	<10	1	16
523 A- 11	24367	.2	.10	<5	38	5	<5	.01	<1	68	310	2	2.11	<.01	<10	13.24	671	9	.04	1584	40	10	10	<20	<1	<.01	<10	6	<10	1	18
523 A- 12	24368	.2	.46	5	24	<5	<5	<.01	<1	38	716	2	1.87	<.01	<10	12.00	166	9	.04	809	30	2	5	<20	<1	.01	40	10	<10	2	11
523 A- 13	24369	<.2	.29	<5	<2	<5	<5	.30	<1	1	172	3	.22	<.01	<10	.19	65	8	.07	16	20	4	<5	<20	13	<.01	<10	2	<10	<1	3
523 A- 14	24370	<.2	.05	<5	2	5	<5	.03	<1	1	221	7	.27	<.01	<10	.12	29	17	.06	12	10	2	<5	<20	3	<.01	<10	1	<10	<1	3
523 A- 15	24371	.2	1.85	5	<2	5	<5	.30	<1	24	58	187	2.74	<.01	<10	2.17	94	3	.07	170	60	<2	10	<20	12	<.01	<10	4	<10	1	18
523 A- 16	24372	.1	.17	5	112	40	<5	.04	<1	88	261	11	3.83	.03	<10	10.01	388	7	.05	1868	67	7	15	<20	4	<.01	10	7	<10	1	28
523 A- 17	24373	.2	.06	10	<2	5	<5	.02	<1	2	202	19	.47	.03	<10	.05	43	7	.08	13	30	8	<5	<20	1	<.01	<10	4	<10	<1	3
523 A- 18	24374	.6	.05	<5	<2	5	<5	.01	<1	2	224	9	.42	.03	<10	.04	78	15	.07	11	30	4	<5	<20	<1	<.01	<10	4	<10	<1	4
523 A- 19	24375	.6	.30	70	<2	25	<5	.19	<1	21	196	160	3.77	.03	<10	.10	1110	5	.07	15	710	56	5	<20	4	.01	<10	94	<10	5	110

NOTE: < = LESS THAN

CC: JEAN PAULTER
FAX: TECK, KAMLOOPS
SC89/TECK5

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

AUGUST 11, 1989

CERTIFICATE OF ANALYSIS ETK 89-524

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 23 ROCK samples received July 31, 1989
PROJECT: 1366
SHIPMENT NO: 8

ET#	Description		AU (ppb)	HG (ppb)
524 - 1	24186		5	13
524 - 2	24189		45	54
524 - 3	24190		5	30
524 - 4	24192		10	18
524 - 5	24193		30	20
524 - 6	24194		45	21
524 - 7	24198		15	24
524 - 8	24199		35	20
524 - 9	24200		25	22
524 - 10	24 25537	24537	5	20
524 - 11	25538		<5	13
524 - 12	25539		15	3
524 - 13	25540		5	7
524 - 14	25541		<5	5
524 - 15	25542		10	<1
524 - 16	25543		10	160
524 - 17	25544		20	2
524 - 18	25545		5	3
524 - 19	25546		15	<1
524 - 20	25547		10	81
524 - 21	25548		15	5
524 - 22	25549	24549	<5	10
524 - 23	25550	24550	10	11

Sil Cirque

Sil Cirque

NOTE: < = less than

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DOUG HOWARD
B.C. Certified Assayer

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579 PEMBERTON, B.C.
V0N 2L0

SC89/TECK1

ECO-TECH LABORATORIES LTD.

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

AUGUST 23, 1989

TECK EXPLORATIONS LTD. - ETK89-524A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED DALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT:1366 SHIPMENT B
23 ROCK SAMPLES RECEIVED JULY 31,1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
524 A- 1	24186	1.0	.01	100	<2	<5	<5	.02	<1	2	185	3	.87	.01	<10	<.01	39	14	.04	9	20	10	5	<20	<1	<.01	10	2	130	1	2
524 A- 2	24189	6.8	.14	905	<2	5	<5	10.30	<1	35	28	630	5.50	.09	<10	1.73	1222	2	.04	29	420	32	30	<20	686	<.01	40	13	1210	8	196
524 A- 3	24190	.6	.04	80	<2	5	<5	.77	<1	7	158	10	1.05	.02	<10	.16	265	18	.04	10	80	10	<5	<20	7	<.01	<10	6	10	1	10
524 A- 4	24192	.4	.05	150	<2	<5	<5	2.73	<1	2	80	5	.41	.01	<10	.05	196	2	.04	5	10	6	<5	<20	9	<.01	<10	6	<10	1	7
524 A- 5	24193	.8	.03	240	<2	<5	<5	.34	<1	3	107	3	.85	<.01	<10	.01	92	8	.04	5	10	14	<5	<20	1	<.01	10	5	<10	1	4
524 A- 6	24194	.4	1.68	1945	<2	<5	<5	5.63	<1	46	19	54	7.77	.07	<10	2.70	1074	4	.04	22	90	10	15	<20	73	.01	40	362	10	6	55
524 A- 7	24198	1.0	.02	150	<2	<5	<5	.44	<1	3	129	4	.49	<.01	<10	.01	98	8	.05	4	20	8	<5	<20	1	<.01	<10	4	<10	1	17
524 A- 8	24199	.2	.09	90	<2	<5	<5	3.65	<1	2	82	3	.52	<.01	<10	.09	208	3	.04	10	10	8	<5	<20	5	<.01	30	8	<10	1	4
524 A- 9	24200	.6	.05	590	<2	<5	<5	3.44	<1	5	125	6	.90	<.01	<10	.90	301	9	.04	14	70	8	10	<20	32	<.01	<10	5	850	3	4
524 A- 10	25537	<.2	.09	5	<2	170	<5	.09	<1	<1	101	7	.26	<.01	<10	.22	35	3	.04	13	60	10	<5	<20	1	<.01	50	3	10	1	2
524 A- 11	25538	<.2	.01	20	<2	5	<5	.54	<1	17	49	1	.22	<.01	<10	.40	81	1	.04	86	10	4	<5	<20	1	<.01	<10	3	<10	1	1
524 A- 12	25539	.2	.07	<5	<2	15	<5	1.19	<1	1	151	4	.21	.02	<10	.03	193	5	.05	17	120	8	<5	<20	68	<.01	20	2	<10	2	5
524 A- 13	25540	1.4	.13	5	<2	15	<5	.02	<1	1	103	13	.27	.04	<10	.06	65	7	.04	5	90	8	<5	<20	1	<.01	<10	3	<10	1	11
524 A- 14	25541	.4	.33	50	<2	5	<5	1.76	<1	4	177	2	.75	<.01	<10	.61	481	4	.04	34	40	14	<5	<20	13	<.01	10	12	<10	2	10
524 A- 15	25542	.6	.33	40	<2	<5	<5	1.02	<1	5	147	2	.56	<.01	<10	.60	202	6	.04	114	20	6	<5	<20	2	<.01	40	8	<10	1	5
524 A- 16	25543	8.0	.04	45	<2	<5	<5	4.41	<1	5	124	23	.81	<.01	<10	.86	320	4	.05	17	10	8	5	<20	42	<.01	10	4	<10	2	5
524 A- 17	25544	.4	.03	20	<2	<5	<5	.12	<1	2	152	3	.25	<.01	<10	.01	116	8	.04	6	20	6	<5	<20	1	<.01	50	3	<10	<1	2
524 A- 18	25545	.4	.25	100	<2	<5	<5	1.92	<1	4	133	10	.51	<.01	<10	.22	166	3	.04	24	150	6	<5	<20	11	<.01	10	3	<10	1	9
524 A- 19	25546	.4	.01	15	<2	<5	<5	.55	<1	1	161	7	.32	<.01	<10	.05	78	9	.05	5	30	4	<5	<20	2	<.01	30	3	<10	1	2
524 A- 20	25547	.2	.04	10	<2	<5	<5	.04	<1	1	127	11	.21	<.01	<10	.03	44	4	.04	6	10	6	610	<20	<1	<.01	10	3	<10	<1	3
524 A- 21	25548	.6	.01	65	<2	<5	<5	.52	<1	3	111	4	.38	<.01	<10	.01	117	8	.04	4	10	6	<5	<20	1	<.01	40	2	<10	<1	3
524 A- 22	25549	.4	1.19	5	<2	15	<5	1.59	<1	4	63	5	1.00	.05	<10	.33	416	8	.12	2	610	6	5	<20	33	.01	20	11	<10	3	35
524 A- 23	25550	.4	.07	60	<2	5	<5	4.08	<1	3	136	4	.49	.02	<10	.19	212	11	.04	8	40	8	<5	<20	134	<.01	<10	2	10	1	6

NOTE: < = LESS THAN

FAX: TECK, KAMLOOPS
SC89/TECK5

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

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

AUGUST 14, 1989

CERTIFICATE OF ANALYSIS ETK 89-525

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 2 SOIL samples received July 31, 1989
PROJECT: 1366
SHIPMENT NO: 8

ET#	Description	Silicon Cirque	AU (ppb)	HG (ppb)
525 - 1	S	✓24191	590	244
525 - 2	S	✓24197	180	152

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579 PEMBERTON, B.C.
VON 2L0
SCB9/TECK1

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

AUGUST 21, 1989

TECK EXPLORATIONS LTD. - ETK89-525 A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
2 SOIL SAMPLES RECEIVED JULY 31,1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
525 A- 1	S 24191	3.2	.69	3485	<2	15	<5	.96	<1	48	55	101	4.11	.06	<10	.78	955	3	.06	121	200	10	30	<20	42	<.01	<10	41	10	7	33
525 A- 2	S 24197	12.2	1.02	5355	<2	10	<5	.33	<1	84	65	110	9.62	.04	<10	.59	2089	4	.05	150	290	24	35	<20	17	.01	40	105	10	14	68

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

FAX: TECK, KAMLOOPS
SCB9/TECK4

ECO-TECH LABORATORIES LTD.

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

AUGUST 11, 1989

CERTIFICATE OF ANALYSIS ETK 89-526

CK EXPLORATIONS LTD.
O, 175 SECOND AVENUE
MLOOPS, B.C.
C 5W1

TENTION: FRED DALEY

MPLE IDENTIFICATION: 22 ROCK samples received July 31, 1989
PROJECT: 1366
SHIPMENT NO: 8

T#	Description	AU (ppb)	HG (ppb)
6 - 1	24291	<5	11
6 - 2	24292	25	177
6 - 3	24293	<5	8
6 - 4	24294	5	15
6 - 5	24295	<5	33
6 - 6	24296	5	3
6 - 7	24297	230	13
6 - 8	24298	30	3
6 - 9	24299	15	7
6 - 10	24300	20	3
6 - 11	24572	5	13
6 - 12	24574	<5	13
6 - 13	24575	10	10
6 - 14	24576	15	16
6 - 15	24577 MAC	10	13
6 - 16	24578 MAC	5	18
6 - 17	24579	15	16
6 - 18	24580 - MAC	5	16
6 - 19	24581	10	13
6 - 20	24582 -	<5	12
6 - 21	24583	5	18
6 - 22	24584 - MAC	<5	13

S/ Collins area

TE: < = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
X 579 PEMBERTON, B.C.
N 2L0
89/TECK4

ECO-TECH LABORATORIES LTD.

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

AUGUST 23, 1989

TECK EXPLORATIONS LTD. - ETK89-526A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED DALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366 SHIPMENT B
22 ROCK SAMPLES RECEIVED JULY 31,1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
526 A- 1	24291	.2	.25	5	2	10	<5	.04	<1	4	212	8	.85	.05	<10	.15	117	10	.05	5	90	42	<5	<20	1	.01	40	22	<10	2	120
526 A- 2	24292	.2	.14	60	4	15	<5	8.31	<1	3	190	8	1.04	.05	<10	.09	614	11	.02	7	70	8	<5	<20	189	<.01	<10	7	<10	9	24
526 A- 3	24293	.6	.15	80	<2	40	<5	.15	<1	4	203	2	.89	.09	<10	.01	81	11	.03	4	190	16	<5	<20	7	<.01	<10	2	<10	1	14
526 A- 4	24294	.4	.13	5	2	15	<5	6.26	<1	1	122	1	2.11	.05	<10	1.69	501	8	.04	3	50	10	<5	<20	144	<.01	<10	7	<10	6	20
526 A- 5	24295	.4	.16	5	<2	10	<5	.05	<1	2	196	12	.58	.09	10	.01	57	9	.08	5	20	10	<5	<20	3	<.01	20	5	<10	1	7
526 A- 6	24296	.2	.17	5	<2	10	<5	.03	<1	2	194	8	.56	.08	<10	.03	46	12	.08	8	30	8	<5	<20	2	<.01	30	4	<10	1	12
526 A- 7	24297	4.6	.06	1220	<2	5	<5	.96	<1	28	240	171	2.32	.03	<10	.02	189	44	.03	29	150	16	15	<20	9	<.01	40	4	<10	2	99
526 A- 8	24298	.4	.46	130	<2	40	<5	6.61	<1	39	44	11	4.71	.13	<10	2.49	1469	2	.06	75	590	10	<5	<20	200	<.01	10	25	<10	13	23
526 A- 9	24299	.4	.64	10	<2	55	<5	.24	<1	3	142	9	.84	.15	<10	.15	388	8	.07	5	110	10	<5	<20	8	.01	40	4	<10	2	51
526 A- 10	24300	.2	2.16	<5	4	10	<5	1.71	<1	35	74	156	2.39	.03	<10	.68	132	5	.14	52	330	4	10	<20	42	.07	30	36	<10	3	11
526 A- 11	24572	.2	.22	<5	<2	55	<5	.07	<1	10	493	53	1.53	.01	<10	.71	27	2	.03	198	90	<1	<5	<20	2	<.01	<10	5	<10	<1	4
526 A- 12	24574	.2	.14	<5	<2	20	<5	.53	<1	6	371	12	1.04	.03	<10	.13	942	19	.03	16	310	<1	<5	<20	17	.01	10	6	<10	1	13
526 A- 13	24575	.2	.60	<5	<2	35	<5	.14	<1	8	195	49	2.06	.32	<10	.61	1054	10	.04	13	320	2	<5	<20	9	.10	50	17	<10	5	32
526 A- 14	24576	.2	2.05	5	<2	<5	<5	.32	<1	37	355	120	3.42	.02	<10	3.29	268	5	.03	149	90	2	5	<20	3	.01	10	35	<10	<1	18
526 A- 15	24577	.2	.35	<5	<2	<5	<5	1.68	<1	5	206	3	.56	.02	<10	.41	161	11	.04	14	60	<1	<5	<20	6	<.01	40	8	<10	<1	3
526 A- 16	24578	.2	3.90	5	<2	10	<5	5.26	<1	18	97	23	.99	.04	<10	1.01	315	39	.13	48	140	2	10	<20	70	.01	40	21	40	2	9
526 A- 17	24579	.2	3.24	10	<2	5	<5	7.12	<1	19	124	18	1.49	.03	<10	1.38	578	7	.11	46	180	2	10	<20	53	<.01	10	26	<10	2	15
526 A- 18	24580	4.0	3.80	5	<2	10	<5	4.89	<1	12	116	9	1.06	.03	<10	1.19	369	4	.14	35	50	38	10	<20	66	.01	20	19	<10	1	10
526 A- 19	24581	.2	.91	60	<2	<5	<5	4.94	<1	15	154	27	1.99	.06	<10	1.23	546	23	.05	24	40	6	5	<20	35	<.01	20	43	<10	3	12
526 A- 20	24582	<.2	2.96	15	4	5	<5	6.79	<1	43	124	179	4.84	.04	<10	3.37	799	2	.04	57	90	4	10	<20	33	.05	10	283	<10	3	30
526 A- 21	24583	.8	.40	175	<2	5	<5	4.40	<1	6	80	5	1.10	.07	<10	.41	331	8	.06	14	30	4	<5	<20	81	<.01	20	7	<10	1	7
526 A- 22	24584	.4	2.90	10	<2	5	<5	2.12	<1	26	33	93	2.85	.02	<10	.85	177	3	.11	17	<10	2	10	<20	27	.09	40	105	<10	2	13

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

FAX: TECK, KAMLOOPS
SCB9/TECK5

ECO-TECH LABORATORIES LTD.

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

AUGUST 11, 1989

CERTIFICATE OF ANALYSIS ETK 89-527

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 2 SOIL samples received July 31, 1989
PROJECT: 1366
SHIPMENT NO: 8

ET#	Description	AU (ppb)	HG (ppb)
527 - 1	S 24571	15	115
527 - 2	S 24572	10	115

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579 PEMBERTON, B.C.
VON 2LO
SC89/TECK3

ECO-TECH LABORATORIES LTD.

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

AUGUST 23, 1989

TECK EXPLORATIONS LTD. - ETK89-527A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT:1366
2 SOIL SAMPLES RECEIVED JULY 31,1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
527 A- 1	24571	.8	2.37	15	6	40	<5	.11	<1	21	85	45	3.50	.07	<10	1.28	428	4	.03	70	1040	6	15	<20	5	.06	20	87	<10	4	59
527 A- 2	24572	1.0	2.02	185	4	60	<5	.48	<1	26	198	59	3.08	.04	<10	1.55	580	2	.03	200	570	8	10	<20	17	.06	40	72	<10	10	71

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

FAX: TECK, KAMLOOPS
SCB9/TECK5

ECO-TECH LABORATORIES LTD.

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

AUGUST 11, 1989

CERTIFICATE OF ANALYSIS ETK 89-528

ORATIONS LTD.
SECOND AVENUE
B.C.

Granite Cirque

SILICON. GRQUE.

: FRED DALEY

ENTIFICATION: 20 ROCK samples received July 31, 1989
PROJECT: 1366
SHIPMENT NO.: 8

	Description	AU (ppb)	HG (ppb)
1	24506	<5	55
2	24507	5	5
3	24508	5	45
4	24509	~~10~~	30
5	24510	15	80
6	24511	10	35
7	24513	5	40
8	24514	15	50
9	24515	5	35
10	24517	20	35
11	24518	15	40
12	24519	20	40
13	24520	25	55
14	24521	5	70
15	24524	5	55
16	24527	<5	55
17	24529	<5	50
18	24533	<5	55
19	24535	55	70
20	24536	10	65

5.1 Cirque

< = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

PAUTLER
PEMBERTON HELICOPTERS
57
ERTON, B.C.
2L0
K3

ECO-TECH LABORATORIES LTD.

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

AUGUST 8, 1989

TECK EXPLORATIONS LTD. - ETK89-528A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BAILEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
20 ROCK SAMPLES RECEIVED JULY 31, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
528 A- 1	24506	.6	.05	15	<2	10	<5	.03	2	1	277	29	.50	.03	<10	<.01	41	28	.05	5	20	2	5	<20	2	<.01	<10	1	<10	1	3
528 A- 2	24507	<.2	.04	10	10	40	<5	>15.	1	2	3	1	.06	<.01	<10	.02	105	2	.04	<1	170	10	<5	<20	809	<.01	<10	<1	<10	6	<1
528 A- 3	24508	.2	.02	10	<2	10	<5	2.16	<1	3	290	53	.79	<.01	<10	.98	159	34	.04	21	30	4	15	<20	138	<.01	20	3	<10	1	5
528 A- 4	24509	.2	.07	15	6	60	<5	9.99	<1	34	145	6	2.78	<.01	<10	9.75	652	14	.04	688	30	6	10	<20	698	<.01	<10	3	<10	1	19
528 A- 5	24510	.2	.04	10	14	15	<5	3.16	<1	73	138	11	4.07	<.01	<10	4.97	641	10	.03	1234	60	4	10	<20	145	<.01	10	3	<10	1	39
528 A- 6	24512	.4	.21	5	<2	15	<5	.40	<1	4	298	5	.57	<.01	<10	.24	113	29	.05	115	40	<2	<5	<20	58	<.01	10	3	<10	1	3
528 A- 7	24513	.4	.03	5	<2	15	<5	4.71	<1	20	204	5	1.84	<.01	<10	7.95	456	15	.04	445	50	4	5	<20	345	<.01	30	1	<10	<1	11
528 A- 8	24514	.8	.05	220	<2	15	<5	.10	<1	2	321	8	.84	<.01	<10	.03	312	33	.04	17	200	2	<5	<20	4	<.01	10	4	<10	2	9
528 A- 9	24515	.4	.12	10	<2	5	<5	.05	<1	3	404	13	.77	.02	<10	.05	212	35	.05	14	10	2	5	<20	4	<.01	10	5	<10	1	4
528 A- 10	24517	.4	.20	160	<2	10	<5	9.54	<1	6	259	8	.97	<.01	<10	.74	694	29	.04	101	120	6	<5	<20	381	.01	<10	8	<10	3	8
528 A- 11	24518	.2	.51	10	<2	55	<5	.11	<1	5	308	40	1.20	.14	<10	.28	275	34	.05	20	120	4	<5	<20	10	.03	<10	20	<10	2	32
528 A- 12	24519	1.0	.17	20	<2	15	<5	.51	<1	19	267	3866	4.74	<.01	10	.09	2714	26	.04	55	1400	4	10	<20	47	.03	<10	13	<10	10	19
528 A- 13	24520	.2	.17	5	<2	5	<5	.21	<1	4	346	29	.98	<.01	<10	.06	675	28	.04	19	70	2	<5	<20	7	.01	10	4	<10	2	8
528 A- 14	24521	.6	.13	20	4	15	<5	.05	1	7	313	7717	2.73	.00	10	.11	343	33	.05	26	320	28	5	<20	13	.11	20	11	<10	2	10
528 A- 15	24524	.8	.44	190	<2	25	<5	5.98	<1	20	209	30	2.50	.11	<10	2.73	634	16	.04	84	40	6	10	<20	128	<.01	10	13	<10	3	18
528 A- 16	24527	.4	.37	10	<2	90	<5	.08	<1	2	318	11	.67	.08	<10	.15	107	32	.09	18	150	4	5	<20	7	<.01	10	1	<10	2	18
528 A- 17	24529	.6	.36	210	<2	15	<5	8.24	<1	14	194	27	2.38	.13	<10	3.22	619	12	.05	69	<10	4	5	<20	119	<.01	<10	7	<10	3	13
528 A- 18	24533	3.8	.65	635	<2	20	<5	9.68	<1	41	111	9137	4.25	.20	<10	.62	1049	3	.04	165	100	10	20	<20	16	<.01	40	20	<10	5	32
528 A- 19	24535	2.4	.07	70	<2	5	<5	4.04	2	6	387	30	1.16	.03	<10	1.03	364	30	.04	20	30	4	<5	<20	74	<.01	<10	4	<10	2	5
528 A- 20	24536	.4	.03	10	<2	<5	<5	.05	1	2	504	9	.62	<.01	<10	.01	77	48	.04	11	20	2	5	<20	1	<.01	<10	1	<10	<1	<1

NOTE: < = LESS THAN
> = GREATER THAN

FAX: TECK, KAMLOOPS
SC89/TECK4

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

AUGUST 11, 1989

CERTIFICATE OF ANALYSIS ETK 89-529

XPLORATIONS LTD.
75 SECOND AVENUE
PS, B.C.
J1

Granik Cirque

ION: FRED DALEY

IDENTIFICATION: 4 SOIL samples received July 31, 1989
PROJECT: 1366
SHIPMENT NO: 8

	Description	AU (ppb)	HG (ppb)
1	24511	<5	95
2	24516	45	125
3	24528	35	100
4	24530	10	80

Douglas Howard

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

AN PAUTLER
/O PEMBERTON HELICOPTERS
OX 579 PEMBERTON, B.C.
ON 2LO
TECK3

ECO-TECH LABORATORIES LTD.

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

AUGUST 23, 1989

TECK EXPLORATIONS LTD. - ETK89-529 A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED DALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
4 SOIL SAMPLES RECEIVED JULY 5, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
529 A- 1	24511	.6	1.44	25	22	70	<5	.43	<1	127	344	58	6.57	.07	<10	8.08	1636	5	.02	1629	290	6	20	<20	18	.04	80	53	<10	4	81
529 A- 2	24516	2.4	1.50	3965	<2	35	<5	.28	<1	59	39	238	7.24	.10	10	.95	7247	10	.02	163	750	20	15	<20	35	.05	40	45	<10	37	166
529 A- 3	24528	3.6	3.19	340	2	105	<5	.19	<1	57	286	158	4.53	.05	<10	2.85	1132	5	.03	567	270	14	15	<20	13	.07	50	63	10	4	65
529 A- 4	24530	1.0	1.96	120	<2	55	<5	.06	<1	23	196	42	2.67	.02	<10	1.46	262	4	.03	172	260	10	10	<20	6	.01	30	43	<10	1	35

NOTE: < = LESS THAN

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FAX: TECK, KAMLOOPS
SC89/TECK5

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

AUGUST 22, 1989

CERTIFICATE OF ANALYSIS ETK 89-548

EXPLORATIONS LTD.
175 SECOND AVENUE
OPS, B.C.
W1

TION: FRED DALEY

E IDENTIFICATION: 23 ROCK samples received August 3, 1989
PROJECT: 1366
SHIPMENT #9

	Description	AU (ppb)	HG (ppb)	HG (ppm)
1	31751	30	>1000	2.4
2	31752	5	835	
3	31753	30	880	
4	31754	35	205	
5	31755(A) TAG INSIDE	25	590	
6	31755(B)NO TAG INSIDE	5	>1000	2.4
7	31756	5	230	
8	31757	5	5	
9	31758	5	5	
10	31759	5	30	
11	31760	10	210	
12	31761	5	15	
13	31762	10	<5	
14	31763	10	10	
15	31764	10	25	
16	31765	85	10	
17	31766	605	20	
18	31767	50	<5	
19	31768	10	270	
20	31769	10	85 (85)	
21	24598 S.I. Cirque	10	5	
22	24599	15	>1000	2.6
23	24600	45	>1000	2.7

< = less than
> = greater than

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VIA GREYHOUND
C/O PEMBERTON HELICOPTERS
BOX 579
PEMBERTON, B.C.
'TECH1

ECO-TECH LABORATORIES LTD.

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

AUGUST 22, 1989

TECK EXPLORATIONS LTD. - ETK89-548A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED DALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
23 ROCK SAMPLES RECEIVED AUG.3, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
548 A- 1	31751	1.8	.09	1090	<2	10	<5	5.16	<1	70	303	23	3.57	.03	<10	8.75	949	9	.04	1080	40	8	25	<20	361	<.01	<10	8	<10	2	34
548 A- 2	31752	.8	.21	110	4	20	<5	2.66	<1	8	218	5	1.84	.07	<10	1.35	674	11	.03	22	110	4	<5	<20	93	<.01	<10	17	<10	4	17
548 A- 3	31753	1.4	.26	2435	6	15	<5	2.07	<1	9	195	12	2.45	.16	<10	1.20	505	13	.03	17	2340	6	5	<20	121	<.01	<10	14	<10	6	29
548 A- 4	31754	1.2	.26	2145	6	25	<5	2.16	<1	21	57	45	3.67	.19	<10	.76	632	5	.03	28	1340	8	<5	<20	72	<.01	<10	7	<10	7	45
548 A- 5	31755A	1.8	.55	1655	<2	35	<5	1.96	<1	15	91	32	3.93	.31	<10	.94	618	10	.04	21	800	8	10	<20	88	.01	50	16	<10	5	91
548 A- 6	31755B	1.0	2.14	180	2	140	<5	.85	<1	24	157	52	4.64	1.65	<10	2.36	734	7	.06	106	850	6	15	<20	37	.11	40	119	<10	5	109
548 A- 7	31756	1.2	.11	1045	<2	5	<5	8.16	<1	39	200	11	2.27	.05	<10	7.59	1360	13	.03	841	40	6	10	<20	338	<.01	50	5	<10	4	19
548 A- 8	31757	.4	.13	20	<2	10	<5	.08	<1	5	274	36	.69	.02	<10	.14	94	24	.03	14	20	2	<5	<20	4	.01	40	12	<10	<1	6
548 A- 9	31758	1.0	.64	5	<2	50	<5	.35	<1	10	105	61	1.18	.07	<10	.45	135	8	.03	24	500	<2	5	<20	31	.02	40	26	<10	2	17
548 A- 10	31759	.8	.01	5	<2	5	<5	.01	<1	2	250	8	.43	.01	<10	<.01	35	23	.07	6	10	<2	<5	<20	1	<.01	50	2	<10	<1	1
548 A- 11	31760	.8	.04	25	<2	10	<5	.24	<1	2	289	9	.77	.01	<10	.07	111	29	.03	11	20	<2	5	<20	19	<.01	60	5	<10	1	4
548 A- 12	31761	.8	1.43	10	<2	425	<5	.10	<1	12	172	48	2.57	.84	<10	1.01	271	11	.03	32	280	2	<5	<20	8	.12	50	61	<10	4	48
548 A- 13	31762	1.0	.13	<5	<2	5	<5	.01	<1	3	344	7	.59	.04	<10	.17	96	35	.05	18	20	<2	<5	<20	1	<.01	30	6	<10	<1	4
548 A- 14	31763	.8	.11	5	<2	20	<5	.06	<1	2	296	7	.71	.02	<10	.05	175	25	.03	9	100	2	<5	<20	3	<.01	60	5	<10	1	9
548 A- 15	31764	1.0	1.43	5	<2	140	<5	2.54	<1	14	99	29	2.93	.26	<10	1.25	798	6	.03	21	960	6	10	<20	102	.03	40	65	<10	7	63
548 A- 16	31765	1.0	.68	30	<2	100	<5	.21	<1	10	270	31	1.00	.19	<10	.52	243	18	.07	103	190	14	5	<20	50	.03	70	24	<10	2	48
548 A- 17	31766	.6	.54	10	<2	75	<5	.28	<1	2	106	16	.98	.11	<10	.36	168	11	.06	13	1170	8	<5	<20	7	<.01	40	4	<10	3	37
548 A- 18	31767	.8	.33	<5	2	110	<5	.26	<1	9	232	13	.81	.14	<10	.44	155	16	.07	33	140	4	<5	<20	23	.05	70	18	<10	1	14
548 A- 19	31768	1.4	.51	15	14	90	<5	4.08	<1	7	212	38	1.56	.38	<10	.79	801	18	.04	64	10	12	10	<20	64	.01	60	30	<10	5	47
548 A- 20	31769	1.0	.22	10	6	65	<5	.42	<1	4	222	17	.67	.09	<10	.16	176	17	.04	18	20	4	<5	<20	11	.01	30	7	<10	1	14
548 A- 21	24598	1.0	.07	635	<2	<5	<5	.39	<1	66	271	11	3.45	.01	<10	11.92	787	10	.03	1195	30	6	15	<20	19	<.01	60	4	<10	<1	12
548 A- 22	24599	.6	1.71	625	<2	175	<5	1.02	<1	27	72	82	5.23	.90	<10	2.09	761	5	.04	115	820	10	20	<20	43	.07	50	130	<10	7	117
548 A- 23	24600	6.6	.180	2345	<2	15	<5	8.04	<1	46	213	45	4.23	.08	<10	6.57	1673	10	.02	1040	47	10	40	<20	739	<.01	60	12	<10	6	83

NOTE: < = LESS THAN

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DOUG HOWARD
B.C. CERTIFIED ASSAYER

FAX: TECK, KAMLOOPS
SC89/TECK3

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

AUGUST 18, 1988

CERTIFICATE OF ANALYSIS ETK 88-542

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

ATTENTION: JERRY DALEY

SAMPLE IDENTIFICATION: 10 ROCK samples received August 5, 1988
PROJECT: 1366
SHIPMENT #2

ETK #	Description	Au (ppb)	Hg (ppb)	Hg (ppm)
542	✓ 24186 Silicon Cirque	5	85	
543				
544				
545				
546				
547				
548				
549				
550				

NOTE: > MORE THAN

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DOUG HOWARD
B.C. Certified Assayer

cc: RON PRETTER
C/O PEMBERTON HELICOPTERS
Box 522
PEMBERTON, B.C.
V0N 2L0

ECO-TECH LABORATORIES LTD.

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

AUGUST 23, 1989

TECK EXPLORATIONS LTD. - ETK89-549 A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366 SHIPMENT 9
10 ROCK SAMPLES RECEIVED AUG.3, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
549 A- 10	31857	37.0	.08	320	<2	10	<5	.02	<1	2	239	1302	.50	.07	<10	.10	64	22	.05	12	810	462	545	<20	4	<.01	20	4	10	<1	134

NOTE: < = LESS THAN

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DOUG HOWARD
B.C. CERTIFIED ASSAYER

FAX: TECK, KAMLOOPS
SC89/TECK5

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

AUGUST 17, 1989

CERTIFICATE OF ANALYSIS ETK 89-550

draining Cadwallader Shear

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 34 SILT samples received August 3, 1989
PROJECT: 1366
SHIPMENT #9

ET#	Description	AU (ppb)	HG (ppb)
550 - 13	AL 89 11 T 42	5	65
550 - 14	AL 89 11 T 43	10	35
550 - 15	AL 89 11 T 44	10	25
550 - 16	AL 89 11 T 45	10*	65
550 - 17	AL 89 11 T 46	5*	45
550 - 18	AL 89 11 T 47	10*	30
550 - 19	AL 89 11 T 48	10	50
550 - 20	AL 89 11 T 49	10	80
550 - 21	AL 89 11 T 50	5*	80
550 - 22	AL 89 11 T 51	5	45
550 - 23	AL 89 11 T 52	10	40
550 - 24	AL 89 11 T 53	5	45
550 - 25	AL 89 11 T 54	5	80
550 - 26	AL 89 11 T 55	5*	50
550 - 27	AL 89 11 T 56	10	40
550 - 28	AL 89 11 T 57	10	45
550 - 29	AL 89 11 T 58	5	55
550 - 30	AL 89 11 T 59	5	90

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FAX - 604-573-4557

AUGUST 23, 1989

TECK EXPLORATIONS LTD. - ETK89-550 A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BAILEY

VALUES IN PPM UNLESS OTHERWISE REPORTED
** -30 SCREEN
**** - 42 SCREEN

PROJECT:1366 SHIPMENT 9
34 SILT SAMPLES RECEIVED AUG.3,1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
550 A- 13	AL89-11-T 42****	.8	1.64	60	<2	215	<5	.37	<1	23	152	49	3.52	.31	<10	1.66	653	3	.06	135	860	6	10	<20	16	.09	<10	83	<10	6	93
550 A- 14	AL89-11-T 43	.8	1.94	45	<2	190	<5	.43	<1	21	162	31	3.46	.23	<10	1.63	633	6	.06	109	810	6	10	<20	20	.10	30	91	<10	6	102
550 A- 15	AL89-11-T 44	1.0	1.93	40	2	225	<5	.50	<1	23	150	45	3.69	.36	<10	1.65	800	5	.06	132	890	8	10	<20	20	.13	10	93	<10	7	118
550 A- 16	AL89-11-T 45	.8	1.46	65	<2	185	<5	.20	<1	20	141	36	3.10	.32	<10	1.50	610	4	.05	120	590	4	5	<20	10	.08	10	77	<10	4	84
550 A- 17	AL89-11-T 46 **	.8	.92	45	<2	105	<5	.18	<1	10	104	26	2.37	.18	<10	1.12	355	5	.06	80	350	2	5	<20	8	.05	20	56	<10	3	58
550 A- 18	AL89-11-T 47	.6	1.46	65	<2	170	<5	.33	<1	17	149	36	3.16	.33	<10	1.68	588	6	.06	100	580	2	10	<20	10	.09	10	85	<10	5	81
550 A- 19	AL89-11-T 48	.8	2.00	145	<2	225	<5	.54	<1	29	274	45	4.11	.39	<10	2.76	766	10	.06	210	1050	2	10	<20	14	.11	10	107	<10	7	104
550 A- 20	AL89-11-T 49	.8	1.66	95	<2	210	<5	.49	<1	23	140	27	3.73	.31	<10	1.68	952	6	.06	103	940	4	10	<20	17	.10	10	95	<10	6	99
550 A- 21	AL89-11-T 50	.2	1.35	105	<2	130	<5	.36	<1	16	116	26	3.19	.30	<10	1.39	484	5	.06	89	610	2	5	<20	12	.10	10	80	<10	4	89
550 A- 22	AL89-11-T 51	.4	1.38	85	<2	115	<5	.38	<1	16	107	20	2.65	.22	<10	1.25	475	4	.06	75	690	2	5	<20	20	.09	10	78	<10	5	74
550 A- 23	AL89-11-T 52	.2	1.27	90	2	120	<5	.53	<1	14	106	24	2.80	.29	<10	1.37	441	2	.06	82	680	2	5	<20	21	.11	10	75	<10	5	82
550 A- 24	AL89-11-T 53	.4	1.32	85	<2	110	<5	.49	<1	13	107	21	2.98	.26	<10	1.24	446	5	.05	78	620	6	5	<20	18	.10	10	72	<10	4	78
550 A- 25	AL89-11-T 54	.4	1.15	40	<2	130	<5	.52	<1	14	84	22	2.68	.24	<10	1.08	468	5	.06	65	780	4	5	<20	16	.09	20	69	<10	5	65

ECO-TECH LABORATORIES LTD. TECK EXPLORATIONS LTD. - ETK89-550 A

PAGE 2

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
550 A- 26	AL89-11-T 55	.2	1.14	25	<2	110	<5	.29	<1	13	90	22	2.57	.25	<10	1.06	433	3	.05	60	660	6	<5	<20	11	.09	10	30	<10	4	85
550 A- 27	AL89-11-T 56	.2	1.69	45	<2	185	<5	.49	<1	29	217	40	3.64	.37	<10	2.02	734	5	.05	230	1040	8	5	<20	16	.11	10	85	<10	6	101
550 A- 28	AL89-11-T 57****	.2	1.95	85	<2	245	<5	.33	<1	35	440	39	3.77	.36	<10	3.31	551	3	.05	389	760	6	10	<20	9	.11	20	85	<10	5	84
550 A- 29	AL89-11-T 58	.4	2.18	30	<2	350	<5	.44	<1	40	411	37	4.39	.39	<10	3.35	827	6	.05	434	770	4	15	<20	12	.14	<10	105	<10	6	99
550 A- 30	AL89-11-T 59	.4	1.38	430	<2	130	<5	.24	<1	29	160	24	3.58	.18	<10	1.67	769	4	.06	288	720	4	5	<20	12	.08	<10	67	<10	5	98
550 A- 31	AL89-11-T 60	.2	.84	95	2	80	<5	.52	<1	45	387	19	3.51	.11	<10	3.89	708	4	.05	691	430	6	5	<20	22	.04	<10	49	<10	4	58
550 A- 32	AL89-11-T 61 **	.2	.53	230	<2	45	<5	.54	<1	32	226	16	3.10	.06	<10	3.54	671	4	.05	531	390	6	35	<20	27	.02	10	35	<10	2	44
550 A- 33	AL89-11-T 62	.2	1.27	330	<2	110	<5	.34	<1	48	266	23	4.52	.16	<10	2.32	953	4	.06	530	730	8	25	<20	13	.07	<10	77	<10	4	83
550 A- 34	AL89-11-T 63	.4	.55	590	4	65	<5	.65	<1	64	255	19	4.51	.06	<10	5.55	858	5	.05	931	340	8	40	<20	23	.02	30	44	<10	3	61

NOTE: < = LESS THAN

CC: JEAN PAUTLER

FAI: TECK, KAMLOOPS
SC89/TECK5

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

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

AUGUST 18, 1989

CERTIFICATE OF ANALYSIS ETK 89-567

TECH EXPLORATIONS LTD.
907, 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 20 ROCK samples received August 8, 1989
PROJECT: 1366
SHIPMENT #9

ET#	Description	AU (ppb)	HG (ppb)
567 - 1	31790	5	70
567 - 2	31791	25	70
567 - 3	31792	30	70
567 - 4	31793	10	70
567 - 5	31794	10	70
567 - 6	31795	15	130
567 - 7	31796	10	60
567 - 8	31797	5	65
567 - 9	31798	30	70
567 - 10	31799	5	70
567			
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ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579, PEMBERTON, B.C.
V0N 2L0

SD89/TECH4

ECO-TECH LABORATORIES LTD.

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

AUGUST 20, 1989

TECK EXPLORATIONS LTD. - ETK89-567A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BAILEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
20 ROCK SAMPLES RECEIVED AUG.8, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
567 A- 1	31790	.8	.56	20	<2	10	<5	5.29	<1	5	163	6	.37	<.01	<10	.19	297	10	.06	12	50	6	<5	<20	178	<.01	<10	6	<10	3	2
567 A- 2	31791	.8	.07	<5	<2	<5	<5	.16	<1	3	175	64	.35	<.01	<10	.10	71	12	.05	13	150	2	<5	<20	3	<.01	<10	3	<10	1	3
567 A- 3	31792	1.6	.05	45	36	10	10	>15.	<1	2	23	1	.30	<.01	<10	.51	726	1	.06	17	20	14	<5	<20	1892	<.01	<10	1	10	11	3
567 A- 4	31793	.8	.10	<5	<2	10	<5	6.69	<1	5	125	9	.40	<.01	<10	.10	248	6	.03	6	<10	4	<5	<20	282	<.01	<10	5	<10	3	4
567 A- 5	31794	1.0	.06	5	<2	<5	5	1.51	<1	13	262	4	1.99	.01	<10	8.54	639	12	.04	252	20	4	5	<20	53	<.01	<10	4	<10	1	6
567 A- 6	31795	.8	.13	35	2	10	<5	.25	<1	68	563	6	3.89	.02	<10	9.03	483	7	.04	1240	40	6	5	<20	7	<.01	<10	10	<10	1	17
567 A- 7	31796	.6	.55	5	<2	45	<5	.05	<1	4	141	13	1.25	.37	<10	.52	497	11	.06	19	110	6	<5	<20	7	.05	<10	13	10	4	31
567 A- 8	31797	.8	.09	35	<2	20	<5	.02	<1	4	196	7	.66	.04	<10	.10	66	8	.06	12	10	6	<5	<20	2	.01	<10	5	<10	1	6
567 A- 9	31798	.6	.28	1550	<2	80	<5	.04	<1	4	132	35	1.24	.09	<10	.19	155	9	.06	18	170	4	5	<20	4	.01	<10	15	<10	2	14
567 A- 10	31799	.4	.02	40	<2	5	<5	.01	<1	2	203	7	.49	<.01	<10	.01	39	9	.06	9	<10	2	<5	<20	1	<.01	<10	2	<10	1	3

NOTE: < = LESS THAN

CC: JEAN PAUTLER
FAX: TECK, KAMLOOPS
SC89/TECK5

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

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

AUGUST 18, 1989

CERTIFICATE OF ANALYSIS ETK 89-569

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 20 ROCK samples received August 8, 1989
PROJECT: 1366
SHIPMENT #9

ET#	Description	AU (ppb)	HG (ppb)	HG (ppm)
569 - 1	31770	10	5	
569 - 2	31771	10	10	
569 - 3	31772	15	10	
569 - 4	31773	15	15	
569 - 5	31774	5	15	
569 - 6	31775	15	20	
569 - 7	31776	20	10	
569 - 8	31777	15	20	
569 - 9	31778	15	15	
569 - 10	31779	10	20	
569 - 11	31780	15	45	
569 - 12	31781	10	5	
569 - 13	31782	10	25	
569 - 14	31783	5	20	
569 - 15	31784	5	30	
569 - 16	31785	10	45	
569 - 17	31786	15	95	
569 - 18	31787	15	50	
569 - 19	31788	75	>1000	1.8
569 - 20	31789	50	>1000	1.5

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
BOX 579, PEMBERTON, B.C.
V0N 2L0

SC89/TECK1

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
September 22, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Daley

CERTIFICATE OF ANALYSIS ETK 89-569A
20 Rock Samples, received August 8/89
Project 01366
Shipment 09
All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
569.1	31770	<.2	0.53	< 5	4	31	< 5	0.05	< 1	11	136	18	1.39	0.32	< 10	0.33	295	6	<.01	9	94	19	10	< 20	1	0.05	13	17	< 10	4	29
569.2	31771	<.2	0.64	< 5	7	129	< 5	0.18	< 1	11	124	46	1.42	0.44	< 10	0.47	161	6	<.01	19	106	24	< 5	< 20	4	0.06	< 10	15	< 10	2	38
569.3	31772	<.2	0.17	< 5	4	< 5	< 5	2.82	< 1	5	103	3	0.51	0.02	< 10	0.09	231	6	<.01	3	153	4	5	< 20	127	<.01	< 10	4	< 10	< 1	11
569.4	31773	<.2	0.62	18	6	81	8	0.16	< 1	11	124	15	1.36	0.25	< 10	0.41	388	5	<.01	19	391	23	< 5	< 20	< 1	0.04	< 10	17	< 10	2	36
569.5	31774	<.2	1.13	< 5	< 2	84	5	0.18	< 1	15	76	16	2.10	0.49	< 10	0.84	311	< 1	0.02	14	475	34	< 5	< 20	7	0.06	< 10	46	< 10	1	35
569.6	31775	<.2	0.57	< 5	5	110	< 5	0.21	< 1	11	204	29	1.24	0.15	< 10	0.40	431	7	<.01	24	288	22	< 5	< 20	4	0.02	< 10	14	< 10	2	34
569.7	31776	<.2	0.22	< 5	5	< 5	< 5	0.09	< 1	5	104	1	0.56	0.03	< 10	0.13	123	8	<.01	7	262	11	< 5	< 20	2	<.01	< 10	6	< 10	< 1	13
569.8	31777	<.2	0.02	41	< 2	10	< 5	0.18	3	54	157	< 1	3.05	<.01	14	13.05	536	< 1	<.01	781	< 10	56	5	< 20	8	<.01	10	5	< 10	< 1	14
569.9	31778	<.2	0.09	54	7	20	< 5	0.03	1	9	194	3	0.86	0.04	< 10	0.40	277	5	<.01	29	79	11	5	< 20	2	<.01	< 10	5	< 10	< 1	10
569.10	31779	<.2	0.13	65	4	10	< 5	0.02	1	9	147	6	1.06	0.05	< 10	0.12	312	6	<.01	34	35	13	< 5	< 20	< 1	<.01	< 10	5	< 10	< 1	29
569.11	31780	2.5	0.04	91	5	7	6	<.01	2	11	200	4	1.31	0.02	< 10	0.02	131	7	<.01	15	< 10	65	< 5	< 20	< 1	<.01	< 10	2	< 10	< 1	19
569.12	31781	0.6	0.10	< 5	6	22	< 5	<.01	< 1	6	160	10	1.06	0.04	< 10	0.06	104	10	<.01	7	34	35	< 5	< 20	< 1	<.01	< 10	3	< 10	< 1	22
569.13	31782	<.2	0.13	< 5	5	20	< 5	<.01	< 1	6	149	12	1.00	0.05	< 10	0.09	98	6	<.01	7	60	20	< 5	< 20	< 1	<.01	< 10	4	< 10	< 1	18
569.14	31783	<.2	0.12	< 5	7	14	5	<.01	< 1	6	209	14	0.72	0.06	< 10	0.08	89	10	<.01	8	16	9	< 5	< 20	< 1	<.01	< 10	4	< 10	< 1	13
569.15	31784	<.2	0.31	44	4	46	< 5	0.58	1	17	56	45	2.16	0.19	< 10	0.24	373	1	<.01	10	579	21	< 5	< 20	7	<.01	< 10	11	< 10	1	40
569.16	31785	<.2	0.32	11	4	34	< 5	1.63	< 1	9	205	22	1.44	0.07	< 10	0.37	574	19	<.01	15	380	15	< 5	< 20	21	<.01	< 10	8	< 10	< 1	30
569.17	31786	12.8	0.05	29	4	14	66	0.16	3	6	266	7	0.95	0.05	< 10	0.05	175	9	<.01	35	50	498	< 5	< 20	3	<.01	< 10	3	< 10	< 1	77
569.18	31787	<.2	0.44	< 5	4	27	< 5	0.06	< 1	7	217	11	1.08	0.12	< 10	0.36	213	7	<.01	12	171	25	< 5	< 20	1	0.02	< 10	15	< 10	< 1	27
569.19	31788	>200.0	0.08	269	7	< 5	754	0.28	316	7	281	1079	0.72	0.01	< 10	0.30	199	7	<.01	26	126	7433	647	< 20	14	<.01	< 10	3	164	< 1	5060
569.20	31789	4.9	0.02	3060	< 2	10	10	2.17	4	83	131	49	3.70	0.01	18	>15.00	725	< 1	<.01	1204	16	163	30	< 20	121	<.01	< 10	6	< 10	< 1	79

NOTE: > : Greater than
< : Less than

cc: Jean Pautler
c/o Penticton Helicopters
Box 579
Penticton, B.C.
V2A 7N8

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

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

AUGUST 22, 1989

CERTIFICATE OF ANALYSIS ETK 89-580

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 32 SOIL samples received August 8, 1989
PROJECT: 1366
SHIPMENT #9

ET#	Description	Au (ppb)	Hg (ppb)
580 - 1	AX 89 S 1	15	70
580 - 2	AX 89 S 2	15	115
580 - 3	AX 89 S 3	10	100
580 - 4	AX 89 S 4	10	120
580 - 5	AX 89 S 5	15	115
580 - 6	AX 89 S 6	15	135
580 - 7	AX 89 S 7	10	140
580 - 8	AX 89 S 8	35	135
580 - 9	AX 89 S 9	25	105
580 - 10	AX 89 S 10	15	100
580 - 11	AX 89 S 11	20	55
580 - 12	AX 89 S 12	>1000	270
580 - 13	AX 89 S 13	160	260
580 - 14	AX 89 S 14	135	240
580 - 15	AX 89 S 15	20	>1000
580 - 16	AX 89 S 16	15	730
580 - 17	AX 89 S 17	20	200
580 - 18	AX 89 S 18	10	120
580 - 19	AX 89 S 19	15	125
580 - 20	AX 89 S 20	10	130
580 - 21	AX 89 S 21	10	120
580 - 22	AX 89 S 22	10	120
580 - 23	AX 89 S 23	40	80
580 - 24	AX 89 S 24	60	315
580 - 25	AX 89 S 25	180	220
580 - 26	AX 89 S 26	30	85
580 - 27	AX 89 S 27	30	280
580 - 28	AX 89 S 28	70	175
580 - 29	AX 89 S 29	30	120
580 - 30	AX 89 S 30	25	145

ECO-TECH LABORATORIES LTD.

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

TECK EXPLORATIONS LTD. AUGUST 22, 1989

ET#	Description	Au (ppb)	Hg (ppb)
580 - 31	AX 89 S 31	30	135
580 - 32	AX 89 S 32	100	185

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

FAX: FRED DALEY
CC: JEAN PAUTLER
VIA GREYHOUND
PEMBERTON HELICOPTERS
BOX 579
PEMBERTON, B.C.
SC89/TECK4

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
August 29, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Daley

CERTIFICATE OF ANALYSIS ETK 89-580A
32 Soil Samples, received August 8/89
Project #1366
Shipment 89
All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
580.1	AI 89 S 1	<.2	0.87	45	8	57	14	0.14	2	13	160	26	2.18	0.08	14	0.41	233	1	<.01	87	323	33	< 5	< 20	10	0.07	< 10	31	< 10	4	64
580.2	AI 89 S 2	<.2	0.57	14	8	41	< 5	0.18	1	7	10	18	1.45	0.06	< 10	0.23	281	< 1	<.01	11	178	18	21	< 20	9	0.06	< 10	29	< 10	3	39
580.3	AI 89 S 3	<.2	1.46	48	9	69	13	0.20	2	14	29	36	2.36	0.07	13	0.60	409	< 1	<.01	29	514	43	48	< 20	10	0.08	< 10	41	< 10	3	87
580.4	AI 89 S 4	<.2	0.82	16	8	69	< 5	0.12	< 1	10	19	17	1.60	0.04	< 10	0.34	316	< 1	<.01	17	308	25	22	< 20	7	0.06	< 10	31	< 10	2	46
580.5	AI 89 S 5	<.2	1.57	14	8	106	< 5	0.19	< 1	17	42	25	2.47	0.07	12	0.66	406	< 1	<.01	39	461	48	28	< 20	12	0.10	< 10	48	< 10	3	112
580.6	AI 89 S 6	<.2	1.94	19	9	134	< 5	0.10	< 1	19	52	49	2.62	0.11	15	0.73	418	< 1	<.01	52	263	60	39	< 20	9	0.12	< 10	53	< 10	5	106
580.7	AI 89 S 7	<.2	1.85	15	8	72	< 5	0.06	< 1	16	40	31	2.58	0.05	12	0.59	383	< 1	<.01	32	287	57	35	< 20	5	0.09	< 10	48	< 10	2	88
580.8	AI 89 S 8	<.2	3.00	17	8	117	13	0.13	< 1	25	161	70	3.59	0.10	20	1.65	558	< 1	<.01	111	550	96	81	< 20	11	0.12	< 10	82	< 10	3	119
580.9	AI 89 S 9	<.2	3.06	< 5	7	154	18	0.08	< 1	21	157	66	3.73	0.13	19	1.83	498	4	<.01	79	586	96	76	< 20	10	0.12	< 10	93	< 10	3	117
580.10	AI 89 S 10	<.2	2.07	18	7	78	19	0.11	< 1	20	82	25	2.44	0.05	11	0.98	339	< 1	<.01	70	323	64	36	< 20	7	0.10	< 10	62	< 10	3	85
580.11	AI 89 S 11	<.2	1.87	< 5	10	73	< 5	0.16	< 1	18	63	40	2.61	0.16	13	0.86	677	< 1	<.01	56	478	56	52	< 20	11	0.09	< 10	58	< 10	3	85
580.12	AI 89 S 12	<.2	2.04	180	6	111	21	0.17	< 1	63	244	48	5.47	0.26	21	3.52	954	< 1	0.02	930	229	76	140	< 20	18	0.06	< 10	122	15	3	54
580.13	AI 89 S 13	<.2	1.89	74	5	61	6	0.20	2	51	226	48	4.76	0.26	20	1.99	639	< 1	<.01	552	326	63	85	< 20	13	0.07	< 10	79	< 10	1	57
580.14	AI 89 S 14	<.2	3.30	57	6	82	19	0.21	2	27	164	56	4.96	0.34	20	1.66	394	< 1	<.01	246	636	92	95	< 20	17	0.08	< 10	102	< 10	2	68
580.15	AI 89 S 15	<.2	1.51	37	10	151	< 5	0.24	< 1	18	89	48	2.56	0.39	16	1.08	472	1	<.01	67	313	49	39	< 20	14	0.08	< 10	58	< 10	6	63
580.16	AI 89 S 16	<.2	1.65	51	9	180	< 5	0.63	1	21	74	53	2.88	0.27	16	0.94	753	< 1	<.01	58	414	48	53	< 20	26	0.07	< 10	59	< 10	5	59
580.17	AI 89 S 17	<.2	2.29	36	8	130	8	0.28	< 1	24	85	54	3.39	0.26	15	1.09	320	< 1	<.01	63	405	70	41	< 20	14	0.14	< 10	78	< 10	4	89
580.18	AI 89 S 18	<.2	1.70	11	8	106	< 5	0.20	< 1	20	66	18	2.84	0.14	12	0.86	225	< 1	<.01	39	493	54	25	< 20	10	0.15	< 10	70	< 10	4	75
580.19	AI 89 S 19	<.2	1.80	14	7	81	10	0.14	< 1	17	51	31	2.38	0.07	11	0.66	189	< 1	<.01	37	694	51	28	< 20	7	0.11	< 10	49	< 10	3	62
580.20	AI 89 S 20	<.2	1.87	8	6	93	16	0.15	< 1	18	63	28	2.65	0.08	12	0.78	213	< 1	<.01	49	451	59	34	< 20	10	0.11	< 10	56	< 10	3	86

TECK EXPLORATIONS LTD.
ETK 89-580A
Page 2
August 29, 1989

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
580.21	AI 89 S 21	<.2	2.12	20	9	91	27	0.16	< 1	21	75	24	3.16	0.09	13	0.84	204	< 1	<.01	49	547	61	55	< 20	8	0.15	< 10	69	< 10	4	94
580.22	AI 89 S 22	<.2	1.67	< 5	9	74	16	0.14	< 1	16	44	17	2.31	0.05	10	0.58	190	< 1	<.01	30	466	50	7	< 20	9	0.11	< 10	49	< 10	4	61
580.23	AI 89 S 23	<.2	2.39	26	7	176	< 5	0.41	< 1	24	109	38	3.39	0.46	16	1.54	527	< 1	0.02	97	795	73	70	< 20	22	0.09	< 10	95	< 10	4	85
580.24	AI 89 S 24	<.2	2.60	28	9	151	10	0.37	< 1	27	111	47	3.57	0.41	17	1.56	718	< 1	0.01	105	716	79	88	< 20	21	0.08	< 10	98	< 10	3	85
580.25	AI 89 S 25	<.2	2.64	< 5	9	221	< 5	0.48	< 1	29	114	48	3.59	0.46	17	1.62	669	< 1	0.01	107	804	77	78	< 20	30	0.08	< 10	99	< 10	3	97
580.26	AI 89 S 26	<.2	2.51	22	8	210	7	0.35	1	24	95	42	3.60	0.56	16	1.50	517	< 1	0.01	73	806	75	78	< 20	22	0.10	< 10	104	< 10	3	76
580.27	AI 89 S 27	<.2	2.21	10	7	194	< 5	0.42	< 1	21	86	40	3.04	0.46	14	1.31	555	< 1	0.01	73	803	68	53	< 20	28	0.07	< 10	86	< 10	3	88
580.28	AI 89 S 28	<.2	2.07	24	8	172	10	0.32	< 1	26	93	42	3.00	0.44	13	1.30	601	< 1	<.01	87	710	66	69	< 20	21	0.06	11	83	< 10	2	86
580.29	AI 89 S 29	<.2	2.25	19	7	156	< 5	0.24	< 1	22	93	41	3.23	0.41	15	1.36	553	< 1	0.01	81	696	72	48	< 20	18	0.08	< 10	90	< 10	3	77
580.30	AI 89 S 30	<.2	2.16	9	9	165	20	0.32	< 1	24	86	42	2.88	0.30	14	1.25	627	< 1	<.01	81	862	69	59	< 20	21	0.06	< 10	80	< 10	3	70
580.31	AI 89 S 31	<.2	2.39	12	10	143	< 5	0.58	< 1	27	382	48	3.30	0.30	17	1.45	562	213	0.01	1117	702	74	59	< 20	22	0.08	< 10	93	< 10	6	71
580.32	AI 89 S 32	<.2	2.34	13	8	142	16	0.60	2	27	132	47	3.47	0.31	16	1.48	674	15	0.02	197	788	70	71	< 20	22	0.09	< 10	86	15	4	81

NOTE: < = Less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

cc: Jean Pautler

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

AUGUST 28, 1989

CERTIFICATE OF ANALYSIS ETK 89-609

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 17 ROCK samples received August 15, 1989
PROJECT: 1366
SHIPMENT #10

ET#	Description		Au (ppb)	Hg (ppb)
609 - 1	31675	Mt. Morgan	10	10
609 - 2	31676		25	<5
609 - 3	31677		90	10
609 - 4	32055	"	35	5
609 - 5	32056		25	5
609 - 6	32057		70	155
609 - 7	32058		35	10
609 - 8	32059		15	5
609 - 9	32060		15	<5
609 - 10	32061		5	5
609 - 11	32084	Captain's Grid	<5	<5
609 - 12	32085		<5	5
609 - 13	32086		5	<5
609 - 14	32087		15	<5
609 - 15	32088		10	<5
609 - 16	32089		<5	15
609 - 17	32090		<5	85

NOTE: < = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTER
BOX 579
PEMBERTON, B.C.
V0N 2L0

SC89/TECK4

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
September 15, 1989

TECK EXPLORATIONS LTD.
960 - 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Daley

CERTIFICATE OF ANALYSIS ETK 89-609A
17 Rock Samples, received August 15/89
Project # 1366
Shipment # 10
All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
609.1	31675	<.2	1.70	32	6	26	< 5	2.00	< 1	15	72	47	2.51	0.04	10	1.41	404	3	0.02	22	681	38	< 5	23	81	0.03	< 10	39	< 10	< 1	51
609.2	31676	<.2	0.30	< 5	10	17	< 5	0.67	< 1	4	100	21	1.55	0.02	< 10	0.18	361	13	0.01	6	2569	15	< 5	23	48	<.01	< 10	7	< 10	4	21
609.3	31677	1.1	0.05	131	10	< 5	< 5	0.02	1	< 1	209	19	0.77	<.01	< 10	0.02	35	9	<.01	5	75	8	< 5	< 20	3	<.01	< 10	2	< 10	< 1	77
609.4	32053	<.2	0.10	< 5	11	6	< 5	0.63	< 1	2	239	6	0.81	0.01	< 10	0.06	384	18	<.01	4	298	6	< 5	< 20	16	<.01	< 10	1	34	< 1	19
609.5	32056	<.2	0.03	7	10	8	< 5	0.02	< 1	< 1	254	3	0.67	<.01	< 10	<.01	236	10	<.01	5	83	4	< 5	< 20	5	<.01	< 10	< 1	16	< 1	17
609.6	32057	5.6	0.02	12	9	< 5	< 5	0.01	< 1	< 1	245	7	0.51	<.01	< 10	<.01	57	16	<.01	5	22	726	< 5	< 20	3	<.01	< 10	< 1	22	< 1	34
609.7	32058	3.1	0.06	14	12	13	< 5	0.01	< 1	2	278	4	0.76	0.03	< 10	<.01	121	10	0.01	5	76	485	< 5	< 20	4	<.01	< 10	1	< 10	< 1	24
609.8	32059	<.2	0.41	10	10	9	< 5	1.20	< 1	4	254	4	0.88	0.02	< 10	0.33	277	17	<.01	10	161	19	< 5	< 20	40	<.01	< 10	7	17	< 1	20
609.9	32060	0.3	0.14	< 5	10	< 5	< 5	0.02	< 1	2	252	3	0.53	<.01	< 10	0.10	189	9	<.01	8	90	7	< 5	< 20	46	<.01	< 10	4	< 10	< 1	12
609.10	32061	0.3	0.03	20	9	15	10	7.30	< 1	8	133	6	4.24	0.02	17	1.24	1318	5	<.01	13	36	58	< 5	62	410	<.01	< 10	5	< 10	3	39
609.11	32084	0.3	0.02	15	11	6	< 5	0.06	< 1	2	302	4	0.55	<.01	< 10	0.01	108	12	<.01	5	16	< 2	< 5	< 20	4	<.01	< 10	1	16	< 1	25
609.12	32085	0.3	0.07	45	11	7	< 5	0.05	< 1	2	226	6	0.79	0.01	< 10	0.02	370	17	<.01	6	174	38	< 5	< 20	4	<.01	< 10	2	< 10	< 1	33
609.13	32086	<.2	<.01	< 5	10	< 5	< 5	<.01	< 1	1	269	3	0.31	<.01	< 10	<.01	34	9	<.01	8	20	< 2	< 5	< 20	< 1	<.01	< 10	< 1	< 10	< 1	9
609.14	32087	0.3	0.04	18	11	< 5	< 5	0.02	< 1	2	186	6	0.57	0.01	< 10	<.01	96	14	<.01	6	94	< 2	< 5	< 20	4	<.01	< 10	1	22	< 1	12
609.15	32088	<.2	0.01	< 5	12	< 5	< 5	<.01	< 1	1	296	3	0.37	<.01	< 10	<.01	42	10	<.01	8	34	< 2	< 5	< 20	< 1	<.01	< 10	1	36	< 1	9
609.16	32089	3.9	0.05	6	10	< 5	< 5	0.02	< 1	2	237	12	0.56	0.02	< 10	0.02	102	18	<.01	6	78	29	< 5	< 20	2	<.01	< 10	2	28	< 1	17
609.17	32090	14.7	0.33	62	8	24	< 5	0.20	3	14	158	354	5.79	0.07	21	0.14	172	38	<.01	14	385	210	< 5	21	8	<.01	11	6	< 10	< 1	94

NOTE: < = Less than

ccc: Jean Pautler
c/o Pemberton Helicopters
Box 579
Pemberton, B.C.
V0N 2L0

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

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

AUGUST 28, 1989

CERTIFICATE OF ANALYSIS ETK 89-610

Captain Grid

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 9 SOIL samples received August 15, 1989
PROJECT: 1366
SHIPMENT #10

ET#	Description	Au (ppb)	Hg (ppb)
610 - 1	TA 89 S 1	15	70
610 - 2	TA 89 S 2	40	45
610 - 3	TA 89 S 3	35	45
610 - 4	TA 89 S 4	25	40
610 - 5	TA 89 S 5	25	30
610 - 6	TA 89 S 6	20	30
610 - 7	TA 89 S 7	10	50
610 - 8	TA 89 S 8	30	60
610 - 9	TA 89 S 9	45	55

NOTE: < = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

cc: JEAN PAUTLER
C/O PEMBERTON HELICOPTER
BOX 579
PEMBERTON, B.C.
VON 2LO
SC89/TECK1

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
September 15, 1989

TECK EXPLORATIONS LTD.
960 - 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Baley

CERTIFICATE OF ANALYSIS ETK 89-610A
9 Soil Samples, received August 15/89
Project # 1366
Shipment # 10
All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
610.1	TA 89 S 1	0.8	2.18	163	6	64	< 5	0.65	4	29	63	141	4.77	0.03	27	0.82	1317	3	<.01	74	833	65	< 5	< 20	50	0.02	< 10	31	< 10	8	140
610.2	TA 89 S 2	0.7	1.93	219	4	55	< 5	0.71	4	31	52	178	5.35	0.03	28	0.76	990	< 1	<.01	61	1046	65	< 5	23	50	0.01	< 10	29	< 10	6	148
610.3	TA 89 S 3	0.4	1.46	148	6	62	< 5	1.10	3	21	49	100	3.66	0.03	19	0.67	1653	< 1	<.01	54	1114	53	< 5	< 20	71	0.01	< 10	26	< 10	3	136
610.4	TA 89 S 4	<.2	1.60	74	8	36	< 5	0.37	2	23	66	79	3.69	0.03	21	1.21	417	< 1	<.01	65	1125	59	< 5	< 20	21	0.04	< 10	32	< 10	3	83
610.5	TA 89 S 5	0.5	2.12	182	10	42	< 5	0.51	4	29	51	41	4.43	0.02	26	1.13	1465	< 1	<.01	40	1246	70	< 5	< 20	31	0.02	< 10	36	< 10	8	95
610.6	TA 89 S 6	<.2	0.91	86	8	26	5	0.68	1	5	23	11	1.36	0.01	< 10	0.20	191	1	<.01	11	393	25	< 5	< 20	44	0.03	< 10	22	< 10	2	32
610.7	TA 89 S 7	<.2	2.16	90	4	64	8	0.19	1	30	226	40	4.23	0.04	23	1.61	905	< 1	<.01	145	616	74	< 5	< 20	17	0.04	< 10	60	< 10	1	74
610.8	TA 89 S 8	0.4	1.97	33	6	39	< 5	0.31	< 1	28	180	51	4.12	0.04	23	1.78	720	< 1	<.01	151	677	70	< 5	70	20	0.06	< 10	50	< 10	6	57
610.9	TA 89 S 9	<.2	1.99	12	8	42	10	0.37	< 1	32	162	61	4.43	0.06	24	1.98	960	< 1	<.01	165	908	74	< 5	< 20	20	0.09	< 10	54	< 10	4	63

NOTE: < = less than

cc: Jean Pautler
c/o Pemberton Helicopters
Box 579
Pemberton, B.C.
V0N 2L0

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

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

AUGUST 31, 1989

CERTIFICATE OF ANALYSIS ETK 89-611

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 5 HEAVY MINERAL samples received August 15, 1989
PROJECT: 1366
SHIPMENT #10

ET#	Description	Au (ppb)	Au (g/t)	Au (oz/t)	Hg (ppb)
611 - 1	AL 89 H 006	95			40
611 - 2	AL 89 H 007	10			620
611 - 3	AL 89 H 008	> 1000	2.46	.072	200
611 - 4	AL 89 H 009	110			95
611 - 5	AL 89 H 010	240			160

NOTE: < = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

FAX: FRED DALEY
SC89/TECK4

ECO-TECH LABORATORIES LTD.

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

TECK EXPLORATIONS LTD. - ETK89-611A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED DALEY

AUGUST 31, 1989

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT:1366
5 HEAVY MINERAL SAMPLES RECEIVED AUG.15, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
611A - 1	AL89-H-00 6	<.2	2.19	10	26	210	<5	.52	<1	37	470	57	6.72	.32	10	4.44	556	10	.06	375	940	8	20	40	11	.13	40	126	<10	11	80
611A - 2	AL89-H-00 7	1.0	2.05	115	24	105	<5	.95	<1	33	320	46	5.07	.20	20	2.54	618	8	.09	205	1460	8	15	40	20	.16	<10	99	<10	10	69
611A - 3	AL89-H-00 8	.4	2.64	110	20	55	<5	1.38	<1	47	711	87	6.66	.10	20	3.90	585	10	.08	325	480	8	20	40	32	.13	<10	100	<10	11	72
611A - 4	AL89-H-00 9	<.2	2.50	50	24	160	<5	.90	<1	35	334	74	8.30	.26	30	1.91	759	6	.09	171	2380	12	20	40	39	.14	<10	122	10	20	98
611A - 5	AL89-H-00 10	.2	2.23	60	22	80	<5	.75	<1	35	416	61	5.84	.12	20	3.11	595	6	.08	220	1120	10	10	40	26	.11	<10	87	20	11	60

NOTE: < = LESS THAN

CC: JEAN PAUTLER
FAX: TECK, KAMLOOPS
SC89/TECK5

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (804) 573-5700 Fax 573-4557

AUGUST 31, 1989

CERTIFICATE OF ANALYSIS ETK 89-612

Captain's Grid

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 29 SILT & SOIL samples received August 15, 1989
PROJECT: 1366
SHIPMENT #10

ET#	Description	Au (ppb)	Hg (ppb)
612 - 12	AL 89 H TQ 75	35	25
612 - 13	AL 89 H TQ 76	5	20
612 - 14	AL 89 H TQ 77	15	10
612 - 15	AL 89 H TQ 78	10	70
612 - 16	AL 89 H TQ 79	5	15
612 - 17	AL 89 H TQ 80	<5	30
612 - 18	AL 89 H TQ 81	15	20
612 - 19	AL 89 H TQ 82	15	20
612 - 20	AL 89 H TQ 83	10	30
612 - 21	AL 89 H TQ 84	155	60
612 - 22	BL 20 + 00 N 50 + 00 E	15	70
612 - 23	BL 20 + 00 N 51 + 00 E	25	30
612 - 24	BL 20 + 00 N 52 + 00 E	10	65
612 - 25	BL 20 + 00 N 53 + 00 E	5	30
612 - 26	BL 20 + 00 N 54 + 00 E	<5	40
612 - 27	BL 20 + 00 N 55 + 00 E	5	35
612 - 28	BL 20 + 00 N 56 + 00 E	20	45
612 - 29	BL 20 + 00 N 59 + 00 E	10	50

NOTE: < = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

FAX: FRED DALEY
SC89/TECK5

ECO-TECH LABORATORIES LTD.

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

SEPTEMBER 7, 1989

TECK EXPLORATIONS LTD. - ETK89-612A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BAILEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT:1366 SHIPMENT 10
29 SOIL SAMPLES RECEIVED AUG.15, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
612A - 12	AL89-H-T0 75	<.2	3.59	70	<2	175	<5	.70	<1	29	173	50	5.06	.41	10	2.16	693	5	.07	111	1060	10	20	40	42	.13	50	131	<10	8	108
612A - 13	AL89-H-T0 76	<.2	2.82	30	8	250	<5	.56	<1	20	122	40	4.28	.44	10	1.76	584	3	.05	94	630	8	20	20	31	.18	60	115	<10	7	102
612A - 14	AL89-H-T0 77	<.2	3.12	30	6	270	<5	.76	<1	25	113	45	4.74	.88	10	1.67	861	6	.06	82	1060	18	15	40	32	.23	40	153	<10	7	99
612A - 15	AL89-H-T0 78	.2	2.92	30	10	285	<5	.82	<1	28	105	55	4.82	.86	10	1.64	858	13	.05	65	1260	12	20	40	36	.21	10	140	<10	7	111
612A - 16	AL89-H-T0 79	<.2	2.33	15	2	195	<5	.41	<1	22	76	70	5.11	.60	10	1.27	565	10	.06	31	1500	12	15	40	21	.22	30	139	30	5	110
612A - 17	AL89-H-T0 80	<.2	2.95	20	10	285	<5	.73	<1	24	99	50	4.59	.80	10	1.73	757	9	.06	68	1230	14	15	40	38	.21	50	131	<10	7	110
612A - 18	AL89-H-T0 81	<.2	2.65	20	4	290	<5	.75	<1	27	123	61	4.34	.64	10	1.77	593	5	.06	124	1150	20	15	20	32	.19	70	131	<10	10	124
612A - 19	AL89-H-T0 82	.2	2.49	20	<2	200	<5	.47	<1	23	108	39	3.78	.48	10	1.67	587	2	.06	72	820	8	15	20	25	.14	20	99	<10	9	90
612A - 20	AL89-H-T0 83	<.2	2.29	30	<2	210	<5	.47	<1	16	113	44	3.97	.39	10	1.51	573	6	.06	82	780	12	15	20	25	.15	50	97	<10	8	86
612A - 21	AL89-H-T0 84	.2	2.93	95	6	135	<5	.76	<1	46	314	56	4.98	.38	10	3.07	787	3	.04	217	720	10	20	20	35	.10	80	112	<10	8	89
612A - 22	BL200+00N 50+00E	1.2	2.19	235	<2	60	<5	.08	<1	15	47	27	6.27	.06	10	.58	497	8	.04	26	730	20	15	20	13	.19	20	87	<10	3	72
612A - 23	BL200+00N 51+00E	1.0	1.34	45	<2	25	<5	.02	<1	5	10	10	3.46	.03	10	.11	116	3	.03	13	460	12	5	<20	4	.01	50	49	<10	2	53
612A - 24	BL200+00N 52+00E	.6	1.44	15	<2	25	<5	.04	<1	6	15	11	2.86	.03	10	.35	200	5	.04	11	950	10	10	<20	7	.01	40	41	<10	2	38
612A - 25	BL200+00N 53+00E	.8	2.23	30	<2	90	<5	.04	<1	18	17	14	4.44	.04	10	.73	2059	4	.05	15	1570	16	10	20	8	.01	30	37	<10	2	89
612A - 26	BL200+00N 54+00E	.2	2.27	15	<2	55	<5	.10	<1	7	16	12	3.79	.02	10	.70	329	3	.04	10	530	16	10	20	9	.06	40	44	<10	3	53
612A - 27	BL200+00N 55+00E	.6	2.77	25	<2	65	<5	.06	<1	9	25	20	3.49	.03	10	.69	244	4	.04	18	720	20	10	20	8	.02	40	40	<10	4	68
612A - 28	BL200+00N 56+00E	.6	2.35	20	<2	40	<5	.05	<1	6	25	13	3.85	.03	10	.74	518	4	.04	12	980	22	10	20	7	.03	40	41	<10	4	64
612A - 29	BL200+00N 59+00E	1.0	2.64	70	<2	60	<5	.48	<1	28	38	28	5.09	.05	20	.97	1737	5	.02	24	1940	30	15	20	32	.02	70	50	<10	14	118

NOTE: < = LESS THAN

CC: JEAN PAUTLER
FAX: TECK, KAMLOOPS
SC09/TECK5

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

AUGUST 29, 1989

CERTIFICATE OF ANALYSIS ETK 89-613

XPLORATIONS LTD.
75 SECOND AVENUE
PS, B.C.
1

ION: FRED DALEY

IDENTIFICATION: 20 ROCK samples received August 15, 1989
PROJECT: 1366
SHIPMENT: 10

	Description	Au (ppb)	Hg (ppb)
1	31822	275	50
2	31823	25	35
3	31824	5	30
4	31825	10	20
5	31826	20	15
6	31827	25	25
7	31828	20	20
8	31829	5	35
9	31830	10	35
10	31831	5	30
11	31832	5	15
12	31833	10	185
13	31834	20	20
14	31835	25	45
15	31836	15	35
16	31837	20	125
17	31838	25	20
18	31839	15	30
19	31840	10	420
20	31841	15	35

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

AN PAUTLER
O PEMBERTON HELICOPTERS
X 579 PEMBERTON, B.C.
ON O
TECK4

ECO-TECH LABORATORIES LTD.

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

AUGUST 30, 1989

TECK EXPLORATIONS LTD. - ETK89-613 A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BAILEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 1366
20 ROCK SAMPLES RECEIVED AUG.15, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
613 A- 1	31822	.2	.38	60	4	55	<5	.61	1	12	95	21	3.72	.12	10	.04	754	12	.05	15	470	18	10	<20	13	<.01	<10	6	<10	4	117
613 A- 2	31823	.2	.10	5	8	15	<5	.05	1	2	229	4	.48	.05	<10	<.01	85	16	.03	4	250	4	<5	<20	5	<.01	<10	2	<10	1	15
613 A- 3	31824	.2	.17	10	10	25	<5	.20	1	3	302	11	.83	.07	<10	<.01	154	12	.05	6	970	10	<5	<20	9	<.01	10	4	<10	2	28
613 A- 4	31825	.2	.08	25	6	15	<5	.03	1	3	207	9	.88	.04	<10	<.01	76	16	.05	11	150	4	<5	<20	3	<.01	<10	3	<10	1	60
613 A- 5	31826	.2	.04	15	8	5	<5	<.01	1	2	349	4	.49	.03	<10	<.01	61	13	.04	6	10	2	<5	<20	1	<.01	<10	1	<10	<1	12
613 A- 6	31827	.2	.28	5	6	25	<5	.42	1	6	258	2	1.04	.03	<10	.35	312	17	.05	8	170	2	5	<20	20	<.01	<10	9	<10	1	21
613 A- 7	31828	<.2	.48	115	6	10	<5	2.78	1	22	493	3	1.95	.02	10	4.21	647	9	.04	320	70	10	10	20	279	<.01	40	18	<10	2	19
613 A- 8	31829	.2	.43	325	2	5	<5	2.82	1	48	593	6	3.18	.01	10	10.89	653	12	.04	744	50	10	10	20	248	<.01	10	20	<10	2	24
613 A- 9	31830	.2	.02	15	8	5	<5	.30	<1	3	251	1	.39	.01	<10	.23	180	9	.04	31	30	10	<5	<20	21	<.01	<10	2	<10	<1	8
613 A- 10	31831	.2	.92	5	4	5	<5	1.25	<1	11	193	33	2.52	.01	<10	.91	330	14	.05	19	1220	8	5	<20	32	<.01	<10	42	<10	3	32
613 A- 11	31832	.2	.03	<5	6	5	<5	.08	1	2	270	5	.45	<.01	<10	.05	83	10	.04	7	50	4	<5	<20	4	<.01	10	4	<10	<1	3
613 A- 12	31833	.2	.07	<5	10	5	<5	.75	<1	3	260	11	.85	.01	<10	.14	234	17	.04	7	510	6	<5	<20	27	<.01	<10	12	<10	2	8
613 A- 13	31834	.6	.06	5	6	<5	<5	.07	1	2	300	5	.76	.01	<10	<.01	98	11	.06	6	360	42	<5	<20	10	<.01	10	3	<10	1	5
613 A- 14	31835	.2	.19	5	<2	35	<5	1.79	1	7	203	8	2.44	.05	10	.15	552	12	.05	9	390	10	5	<20	46	<.01	<10	8	<10	3	41
613 A- 15	31836	.4	1.25	15	4	5	<5	.19	1	9	310	18	1.68	.01	10	1.08	636	10	.04	49	390	30	10	<20	9	<.01	<10	40	<10	4	30
613 A- 16	31837	.2	1.13	75	2	70	<5	.12	<1	13	72	35	2.22	.15	<10	1.10	352	5	.04	104	590	12	5	<20	4	<.01	30	20	<10	3	50
613 A- 17	31838	<.2	.69	10	4	5	<5	.35	<1	7	307	8	1.06	<.01	<10	1.25	367	10	.04	58	120	12	<5	<20	37	<.01	10	20	<10	1	15
613 A- 18	31839	.2	.15	125	4	40	<5	4.80	<1	14	182	2	2.45	.08	10	2.02	953	12	.04	106	310	18	5	20	271	<.01	<10	5	<10	5	68
613 A- 19	31840	.2	.69	5	6	75	<5	7.39	1	26	88	33	5.62	.06	20	3.41	1531	6	.05	64	1930	14	5	20	170	<.01	30	76	<10	23	58
613 A- 20	31841	.2	2.01	10	6	35	<5	.78	1	21	50	19	3.26	.06	10	1.97	674	5	.05	8	650	4	10	20	43	.09	<10	55	<10	4	70

NOTE: < = LESS THAN

CC: [redacted]
FAX: TECK, KAMLOOPS
SC89/TECK5

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

DECEMBER 18, 1989

R E V I S E D
CERTIFICATE OF ANALYSIS ETK 89-614

LORATIONS LTD.
SECOND AVENUE
, B.C.

)N: FRED DALEY

IDENTIFICATION: 18 ROCK samples received August 15, 1989
PROJECT: 1366
SHIPMENT# 10

	Description	South Fork	AU (ppb)	Hg (ppb)	Hg (ppm)
1	31842		350	80	
2	31843		10	160	
3	31844		20	45	
4	31845		25	75	
5	31846		20	>1000	2.27
6	31847		15	80	
7	31848		5	100	
8	31849		20	90	
9	31850		10	45	
10	31951		10	60	
11	31952		<5	65	
12	31953		5	30	
13	31954		5	25	
14	31955		25	385	
15	31956		20	>1000	1.46
16	31957		<5	45	
17	31958		<5	45	
18	31959		5	80	

< = less than
> = greater than

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

EAN BUTLER
/O PEMBERTON HELICOPTERS
BOX 579 PEMBERTON, B.C.
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/TECK5

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
December 18, 1989

TECK EXPLORATIONS LTD.
960 - 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Bailey

REVISED CERTIFICATE OF ANALYSIS ETK 89-6146
18 Rock Samples, received August 15/89
Project # 1366
Shipment # 10
All values in PPM unless otherwise reported

TK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
4.1	31942	0.3	0.27	26	10	16	30	0.05	< 1	13	150	133	2.00	0.03	< 10	0.20	127	37	<.01	7	82	34	< 5	22	3	<.01	< 10	7	< 10	< 1	3
4.2	31943	<.2	0.21	110	9	22	8	9.00	3	12	34	9	3.56	0.05	17	3.07	1201	< 1	<.01	10	383	52	< 5	< 20	358	<.01	< 10	30	< 10	7	16
4.3	31944	<.2	1.76	< 5	10	68	9	0.53	< 1	9	41	40	4.73	0.08	21	1.50	574	1	0.01	< 1	1825	65	< 5	< 20	11	0.08	12	92	< 10	11	66
4.4	31945	<.2	0.09	8	9	< 5	< 5	4.48	< 1	6	118	50	0.87	<.01	< 10	0.29	452	7	<.01	6	33	9	< 5	< 20	42	<.01	< 10	5	< 10	14	< 1
4.5	31946	<.2	0.25	19	9	28	9	6.26	< 1	37	184	77	4.64	0.03	23	2.06	1102	< 1	<.01	215	263	40	< 5	25	114	<.01	< 10	82	< 10	3	50
4.6	31947	<.2	0.16	8	9	16	8	0.65	< 1	6	174	3	0.83	0.03	< 10	0.23	283	12	<.01	9	47	11	< 5	< 20	23	<.01	< 10	5	< 10	< 1	< 1
4.7	31948	<.2	0.19	109	10	7	< 5	2.57	4	31	262	57	1.71	<.01	< 10	4.40	651	< 1	<.01	254	64	50	< 5	< 20	120	<.01	< 10	10	< 10	< 1	< 1
4.8	31949	<.2	0.42	43	7	46	< 5	0.11	< 1	9	35	4	0.68	0.11	11	0.19	172	1	0.02	560	324	19	< 5	< 20	6	<.01	< 10	1	< 10	1	26
4.9	31950	<.2	0.07	< 5	13	5	< 5	0.09	< 1	2	178	3	0.31	0.01	< 10	0.05	93	10	<.01	10	343	27	< 5	< 20	4	<.01	< 10	3	< 10	1	< 1
.10	31951	<.2	0.22	47	7	38	< 5	3.34	< 1	20	52	159	4.03	0.08	16	0.93	900	< 1	0.01	11	923	33	< 5	47	81	<.01	< 10	11	< 10	< 1	12
.11	31952	<.2	0.44	< 5	11	11	18	2.43	< 1	8	157	11	2.22	0.02	< 10	1.17	439	2	<.01	33	57	33	< 5	< 20	75	<.01	< 10	15	< 10	< 1	14
.12	31953	<.2	0.34	26	9	57	< 5	4.13	1	25	74	57	3.90	0.17	15	0.28	463	1	0.01	41	303	27	< 5	28	26	0.10	< 10	43	< 10	2	142
.13	31954	<.2	0.54	< 5	10	52	7	2.93	< 1	25	56	57	3.88	0.38	14	0.45	423	3	0.02	38	218	31	< 5	< 20	17	0.11	< 10	55	< 10	3	40
.14	31955	<.2	0.20	< 5	11	40	7	7.05	< 1	13	52	3	3.04	0.07	14	1.35	752	< 1	<.01	13	299	34	< 5	42	206	<.01	< 10	43	< 10	2	44
.15	31956	<.2	0.25	57	11	41	13	5.41	< 1	12	70	3	2.75	0.08	14	0.34	598	< 1	<.01	15	399	19	< 5	36	89	<.01	< 10	43	< 10	4	37
.16	31957	0.2	0.29	< 5	11	< 5	7	0.35	< 1	5	168	15	0.69	<.01	< 10	0.32	193	10	<.01	20	76	17	< 5	< 20	15	<.01	< 10	10	31	< 1	< 1
.17	31958	<.2	0.16	< 5	11	10	< 5	0.02	< 1	3	163	4	0.66	0.02	< 10	0.12	99	6	<.01	11	48	9	< 5	< 20	1	<.01	15	6	< 10	< 1	< 1
.18	31959	<.2	0.55	< 5	10	32	9	0.04	< 1	13	163	20	1.72	0.06	11	0.45	440	7	<.01	40	216	32	< 5	< 20	3	<.01	< 10	20	< 10	1	32

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

AUGUST 29, 1989

CERTIFICATE OF ANALYSIS ETK 89-615

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 21 ROCK samples received August 15, 1989
PROJECT: 1386
SHIPMENT# 10

ET#	Description	Au (ppb)	Hg (ppb)
615 - 1	32062	5	10
615 - 2	32063	10	20
615 - 3	32064	15	25
615 - 4	32065	30	125
615 - 5	32066	25	40
615 - 6	32067	75	30
615 - 7	32068	20	25
615 - 8	32069	15	30
615 - 9	32070	10	50
615 - 10	32071	5	30
615 - 11	32072	**240**	25
615 - 12	32074	5	25
615 - 13	32075	**220**	175
615 - 14	32076	6	40
615 - 15	32077	10	35
615 - 16	32078	5	30
615 - 17	32079	15	30
615 - 18	32080	10	35
615 - 19	32081	20	35
615 - 20	32082	10	30
615 - 21	32083	10	45

Captains Grid

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Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
September 13, 1989

TECK EXPLORATIONS LTD.
960 - 175 Second Avenue
Kamloops, B.C.
V2C 5Z1
ATTN: Fred Bailey

CERTIFICATE OF ANALYSIS ETK 89-615A
21 Rock Samples, received August 15/89
Project # 1366
Shipment # 10
All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
615.1	32062	<.2	0.04	< 5	10	6	9	1.52	< 1	3	164	3	1.28	0.01	< 10	0.31	323	4	<.01	2	499	57	< 5	< 20	121	<.01	< 10	2	< 10	2	36
615.2	32063	<.2	0.02	< 5	11	< 5	< 5	0.10	< 1	< 1	230	4	0.54	<.01	< 10	0.02	128	13	<.01	1	< 10	10	< 5	< 20	5	<.01	< 10	< 1	< 10	< 1	4
615.3	32064	<.2	0.03	18	9	6	< 5	0.26	< 1	2	241	5	0.93	0.01	< 10	0.05	183	9	<.01	5	99	15	< 5	< 20	16	<.01	< 10	1	18	< 1	4
615.4	32065	18.4	0.03	33	9	< 5	9	0.02	< 1	2	191	8	0.67	<.01	< 10	<.01	67	11	<.01	2	97	3220	10	< 20	3	<.01	< 10	< 1	29	< 1	60
615.5	32066	2.2	0.13	21	7	26	< 5	0.20	< 1	5	119	6	1.70	0.05	< 10	0.02	428	5	0.02	7	359	55	< 5	< 20	10	<.01	< 10	< 1	< 10	< 1	47
615.6	32067	0.6	0.07	222	9	< 5	< 5	1.28	< 1	2	144	12	0.91	0.01	< 10	0.05	421	7	<.01	1	37	21	< 5	< 20	66	<.01	< 10	< 1	< 10	< 1	1
615.7	32068	<.2	<.01	19	8	< 5	< 5	0.03	< 1	2	248	6	0.46	<.01	< 10	<.01	49	10	<.01	6	< 10	< 2	< 5	< 20	1	<.01	< 10	< 1	< 10	1	179
615.8	32069	0.4	0.07	30	10	7	< 5	0.91	< 1	3	211	38	1.09	0.03	< 10	0.07	223	13	<.01	5	536	41	< 5	< 20	30	<.01	< 10	1	< 10	1	179
615.9	32070	<.2	0.02	9	11	< 5	9	0.17	< 1	2	268	5	0.59	<.01	< 10	<.01	80	10	<.01	4	288	3	< 5	< 20	7	<.01	< 10	< 1	< 10	< 1	< 1
5.10	32071	<.2	0.13	14	9	< 5	< 5	1.74	< 1	3	166	2	1.09	0.01	< 10	0.55	279	7	<.01	5	323	19	< 5	< 20	78	<.01	< 10	2	< 10	5	< 1
5.11	32072	0.8	0.10	714	6	19	< 5	>15.00	4	2	51	11	1.19	0.03	< 10	0.25	2675	3	<.01	2	114	50	< 5	< 20	1740	<.01	< 10	2	< 10	5	14
5.12	32074	<.2	<.01	< 5	9	< 5	< 5	0.93	< 1	2	192	7	0.58	<.01	< 10	0.27	111	10	<.01	< 1	53	15	< 5	< 20	52	<.01	< 10	< 1	< 10	1	14
5.13	32075	1.2	0.09	26	6	6	< 5	6.36	< 1	6	164	12	1.28	0.02	< 10	0.33	463	9	<.01	6	102	37	< 5	< 20	287	<.01	< 10	2	< 10	2	4
5.14	32076	<.2	0.06	17	12	< 5	7	1.27	< 1	3	260	4	1.23	0.01	< 10	0.03	225	18	0.01	2	497	7	< 5	< 20	32	<.01	< 10	2	< 10	< 1	9
5.15	32077	<.2	0.39	13	8	< 5	5	1.74	< 1	4	208	3	0.79	<.01	< 10	0.32	315	10	<.01	8	75	15	< 5	< 20	91	<.01	< 10	10	< 10	< 1	< 1
5.16	32078	<.2	0.02	< 5	10	< 5	< 5	0.03	< 1	1	259	3	0.37	<.01	< 10	<.01	48	18	<.01	4	12	< 2	< 5	< 20	2	<.01	< 10	1	< 10	< 1	< 1
5.17	32079	<.2	0.08	12	8	< 5	< 5	0.04	< 1	3	159	6	0.74	<.01	< 10	0.02	133	9	<.01	4	168	4	< 5	< 20	5	<.01	< 10	2	< 10	< 1	3
5.18	32080	<.2	0.04	< 5	8	7	< 5	0.04	< 1	3	247	3	0.73	<.01	< 10	0.03	303	16	<.01	5	88	2	< 5	< 20	3	<.01	< 10	2	52	< 1	< 1
5.19	32081	<.2	0.07	< 5	10	< 5	< 5	0.23	< 1	2	172	15	0.54	<.01	< 10	0.07	146	7	<.01	4	129	53	< 5	< 20	11	<.01	< 10	2	16	< 1	< 1
.20	32082	<.2	0.03	12	13	16	< 5	0.39	< 1	2	244	5	0.97	<.01	< 10	0.02	546	18	<.01	4	1260	6	< 5	< 20	22	<.01	< 10	1	< 10	2	24
.21	32083	0.9	0.22	184	9	< 5	< 5	0.02	< 1	1	227	12	1.18	0.01	< 10	0.16	63	10	<.01	6	123	335	< 5	< 20	4	<.01	< 10	11	< 10	< 1	30

Et > = Greater than
< = Less than

Douglas Howard
ECO-TECH LABORATORIES LTD.
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ASSAYING - ENVIRONMENTAL TESTING

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

AUGUST 29, 1989

CERTIFICATE OF ANALYSIS ETK 89-616

KPLORATIONS LTD.
75 SECOND AVENUE
PS, B.C.
1

ION: FRED DALEY

IDENTIFICATION: 68 SOIL samples received August 15, 1989
PROJECT: 1366
SHIPMENT #10

	Description	Au (ppb)	Hg (ppb)
1	L 55 + 00 E 16 + 00 N	5	45
2	L 55 + 00 E 16 + 25 N	10	60
3	L 55 + 00 E 16 + 50 N	15	100
4	L 55 + 00 E 16 + 75 N	5	75
5	L 55 + 00 E 17 + 00 N	10	70
6	L 55 + 00 E 17 + 25 N	10	40
7	L 55 + 00 E 17 + 50 N	10	50
8	L 55 + 00 E 17 + 75 N	15	110
9	L 55 + 00 E 18 + 00 N	<5	85
10	L 55 + 00 E 18 + 25 N	5	75
11	L 55 + 00 E 18 + 50 N	10	75
12	L 55 + 00 E 18 + 75 N	5	80
13	L 55 + 00 E 19 + 00 N	<5	75
14	L 55 + 00 E 19 + 25 N	5	45
15	L 55 + 00 E 19 + 50 N	<5	80
16	L 55 + 00 E 19 + 75 N	<5	105
17	L 55 + 00 E 20 + 25 N	<5	90
18	L 55 + 00 E 20 + 50 N	<5	65
19	L 55 + 00 E 20 + 75 N	<5	110
20	L 55 + 00 E 21 + 00 N	5	100
21	L 55 + 00 E 21 + 25 N	15	35
22	L 55 + 00 E 21 + 50 N	5	60
23	L 55 + 00 E 21 + 75 N	<5	90
24	L 55 + 00 E 22 + 00 N	<5	55
25	L 55 + 00 E 22 + 25 N	10	60
26	L 55 + 00 E 22 + 50 N	<5	70
27	L 55 + 00 E 22 + 75 N	20	40
28	L 55 + 00 E 23 + 00 N	<5	20
29	L 56 + 00 E 16 + 00 N	<5	50
?	L 56 + 00 E 16 + 25 N	<5	45

1

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EXPLORATIONS LTD. AUGUST 29, 1989

	Description	Au (ppb)	Hg (ppb)
- 31	L 56 + 00 E 16 + 50 N	15	30
- 32	L 56 + 00 E 16 + 75 N	<5	50
- 33	L 56 + 00 E 17 + 00 N	25	50
- 34	L 56 + 00 E 17 + 25 N	25	40
- 35	L 56 + 00 E 17 + 50 N	15	60
- 36	L 56 + 00 E 17 + 75 N	15	60
- 37	L 56 + 00 E 18 + 00 N	5	55
- 38	L 56 + 00 E 18 + 25 N	5	35
- 39	L 56 + 00 E 18 + 50 N	5	135
- 40	L 56 + 00 E 18 + 75 N	20	75
- 41	L 56 + 00 E 19 + 00 N	15	60
- 42	L 56 + 00 E 19 + 25 N	25	90
- 43	L 56 + 00 E 19 + 50 N	5	75
- 44	L 56 + 00 E 19 + 75 N	10	60
- 45	L 58 + 00 E 20 + 25 N	15	55
- 46	L 58 + 00 E 20 + 50 N	<5	80
- 47	L 58 + 00 E 20 + 75 N	5	50
- 48	L 58 + 00 E 21 + 00 N	<5	50
- 49	L 58 + 00 E 21 + 25 N	<5	85
- 50	L 58 + 00 E 21 + 50 N	5	45
- 51	L 58 + 00 E 21 + 75 N	10	65
- 52	L 58 + 00 E 22 + 00 N	5	135
- 53	L 58 + 00 E 22 + 25 N	<5	85
- 54	L 58 + 00 E 22 + 50 N	<5	40
- 55	L 58 + 00 E 22 + 75 N	<5	75
- 56	L 58 + 00 E 23 + 00 N	<5	85
- 57	L 59 + 00 E 20 + 25 N	<5	55
- 58	L 59 + 00 E 20 + 50 N	5	40
- 59	L 59 + 00 E 20 + 75 N	10	30
- 60	L 59 + 00 E 21 + 00 N	5	60
- 61	L 59 + 00 E 21 + 25 N	<5	70
- 62	L 59 + 00 E 21 + 50 N	5	30
- 63	L 59 + 00 E 21 + 75 N	5	60
- 64	L 59 + 00 E 22 + 00 N	25	55
- 65	L 59 + 00 E 22 + 25 N	<5	135
- 66	L 59 + 00 E 22 + 50 N	<5	30
- 67	L 59 + 00 E 22 + 75 N	5	35
- 68	L 59 + 00 E 23 + 00 N	15	45

NOTE: < = less than

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cc: JEAN PAULTER
VIA GREYHOUND - PEMBERTON
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Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
August 31, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Daley

CERTIFICATE OF ANALYSIS ETK 89-616A
60 Soil Samples, received August 15/89
Project 01366
Shipment 010
All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
616.1	55+00E16+00N	0.3	1.59	70	5	58	< 5	0.20	2	30	465	35	2.96	0.04	21	0.62	1267	7	0.01	334	851	56	72	< 20	16	0.02	13	42	< 10	7	96
616.2	55+00E16+25N	0.4	1.81	124	4	47	< 5	0.04	3	26	533	49	3.76	0.03	24	0.63	867	2	<.01	388	876	62	50	< 20	8	0.02	< 10	38	< 10	< 1	101
616.3	55+00E16+50N	0.3	1.48	45	< 2	44	< 5	0.09	1	17	534	26	3.27	0.03	20	0.41	400	< 1	<.01	390	633	48	53	< 20	10	0.02	< 10	39	< 10	< 1	60
616.4	55+00E16+75N	0.5	1.64	436	5	61	< 5	0.21	1	42	595	55	3.96	0.05	28	0.80	2067	4	<.01	501	1191	63	78	< 20	24	0.01	11	44	< 10	3	107
616.5	55+00E17+00N	0.2	1.47	60	5	43	< 5	0.04	2	14	391	25	2.24	0.03	15	0.47	309	1	<.01	290	516	46	33	< 20	7	0.01	< 10	31	< 10	< 1	59
616.6	55+00E17+25N	0.2	0.75	26	5	27	< 5	0.02	< 1	7	293	8	0.98	0.02	< 10	0.13	120	2	<.01	212	455	24	27	< 20	6	0.01	< 10	20	< 10	< 1	23
616.7	55+00E17+50N	<.2	1.93	144	< 2	59	12	0.10	2	22	414	25	3.07	0.04	24	0.85	1067	< 1	<.01	310	653	61	53	< 20	15	0.02	< 10	31	< 10	6	99
616.8	55+00E17+75N	0.3	2.27	62	< 2	52	< 5	0.03	2	22	577	33	3.84	0.03	24	0.85	482	< 1	<.01	402	892	65	59	< 20	5	0.01	< 10	45	< 10	< 1	64
616.9	55+00E18+00N	0.4	1.87	60	4	58	< 5	0.07	1	21	501	23	3.02	0.03	19	1.25	375	< 1	<.01	384	564	63	75	33	8	<.01	14	40	< 10	< 1	70
616.10	55+00E18+25N	<.2	1.68	37	3	35	< 5	0.01	< 1	13	445	15	2.65	0.02	16	0.55	227	1	<.01	322	524	48	41	< 20	4	0.01	< 10	49	< 10	< 1	45
616.11	55+00E18+50N	0.8	1.37	33	3	39	< 5	0.03	< 1	10	383	13	2.28	0.03	14	0.43	213	< 1	<.01	273	457	49	21	< 20	7	0.01	10	38	< 10	< 1	45
616.12	55+00E18+75N	0.2	1.15	38	3	28	< 5	0.01	< 1	10	359	8	1.78	0.02	11	0.28	155	1	<.01	259	351	38	23	< 20	4	0.01	< 10	38	< 10	< 1	39
616.13	55+00E19+00N	0.2	1.38	< 5	4	38	< 5	0.01	< 1	11	362	14	2.01	0.03	14	0.44	269	< 1	<.01	266	480	41	45	< 20	5	<.01	< 10	24	< 10	< 1	45
616.14	55+00E19+25N	<.2	1.36	60	3	25	12	<.01	1	14	416	19	2.60	0.02	22	0.29	215	< 1	<.01	296	917	44	69	< 20	3	<.01	< 10	27	< 10	< 1	56
616.15	55+00E19+50N	0.4	1.43	34	5	26	7	<.01	< 1	11	440	14	2.88	0.02	18	0.22	179	2	<.01	292	576	42	48	< 20	4	<.01	< 10	26	< 10	< 1	45
616.16	55+00E19+75N	<.2	1.26	28	4	24	< 5	<.01	< 1	12	389	12	2.58	0.02	16	0.28	240	< 1	<.01	282	607	43	41	< 20	4	<.01	< 10	26	< 10	< 1	48
616.17	55+00E20+25N	0.2	1.51	8	4	30	< 5	<.01	< 1	11	398	10	2.12	0.02	14	0.27	282	1	<.01	289	398	43	15	< 20	6	<.01	12	29	< 10	< 1	38
616.18	55+00E20+50N	0.2	0.92	15	4	19	< 5	<.01	< 1	9	361	8	1.74	0.02	12	0.21	217	< 1	<.01	264	638	33	30	< 20	4	<.01	< 10	24	17	< 1	33
616.19	55+00E20+75N	0.2	1.23	28	< 2	27	6	<.01	1	14	409	19	2.85	0.02	18	0.39	252	< 1	<.01	301	499	41	42	< 20	5	<.01	< 10	29	< 10	< 1	58
616.20	55+00E21+00N	<.2	1.27	26	< 2	17	< 5	0.02	< 1	9	341	9	1.77	0.02	12	0.20	157	1	<.01	245	456	39	29	< 20	4	<.01	< 10	23	< 10	< 1	29

TECK EXPLORATIONS LTD.
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ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
616.21	55+00E21+25N	<.2	0.82	6	3	10	< 5	0.03	< 1	8	321	7	1.24	0.01	< 10	0.10	142	2	<.01	235	372	23	< 5	< 20	5	<.01	< 10	17	< 10	< 1	20
616.22	55+00E21+50N	<.2	1.00	< 5	< 2	25	< 5	0.01	< 1	11	416	9	1.78	0.02	12	0.16	121	< 1	<.01	301	291	31	17	< 20	5	0.01	< 10	32	< 10	< 1	29
616.23	55+00E21+75N	<.2	0.99	7	3	20	< 5	0.03	< 1	9	379	8	1.87	0.02	12	0.13	119	2	<.01	278	300	29	27	< 20	5	<.01	< 10	27	23	< 1	26
616.24	55+00E22+00N	0.4	1.39	18	< 2	24	< 5	<.01	< 1	11	427	9	1.92	0.02	13	0.13	110	< 1	<.01	317	462	37	33	< 20	3	<.01	12	27	< 10	< 1	27
616.25	55+00E22+25N	<.2	1.15	29	5	21	13	0.01	< 1	12	389	13	2.42	0.02	16	0.38	260	3	<.01	282	641	36	39	< 20	4	0.01	< 10	27	< 10	< 1	42
616.26	55+00E22+50N	<.2	1.32	9	3	20	< 5	0.04	< 1	10	339	8	1.77	0.02	12	0.37	342	2	<.01	254	490	38	33	< 20	4	<.01	< 10	27	< 10	< 1	38
616.27	55+00E22+75N	0.2	1.22	9	3	20	10	0.02	< 1	8	329	6	1.40	0.02	< 10	0.19	122	3	<.01	242	397	33	14	< 20	5	<.01	11	20	< 10	< 1	26
616.28	55+00E23+00N	<.2	0.95	11	3	16	< 5	0.02	< 1	9	349	7	1.32	0.02	< 10	0.23	182	1	<.01	254	363	30	30	< 20	5	0.01	< 10	21	< 10	< 1	24
616.29	56+00E16+00N	0.3	1.41	56	< 2	30	< 5	0.04	2	19	469	35	3.34	0.02	20	0.52	695	< 1	<.01	344	809	45	30	< 20	8	0.01	< 10	49	< 10	< 1	32
616.30	56+00E16+25N	0.4	1.70	79	< 2	40	< 5	0.01	1	20	465	51	4.01	0.02	24	0.25	963	6	<.01	337	1008	49	45	< 20	5	0.01	< 10	36	< 10	< 1	63
616.31	56+00E16+50N	0.5	1.25	140	5	47	< 5	0.51	< 1	27	432	100	3.52	0.03	23	0.56	1186	2	<.01	339	857	44	62	< 20	36	0.01	< 10	28	< 10	< 1	136
616.32	56+00E16+75N	0.4	1.39	93	3	43	< 5	0.06	< 1	22	527	67	3.79	0.03	23	0.45	686	4	<.01	386	543	45	57	< 20	8	0.02	15	37	< 10	< 1	85
616.33	56+00E17+00N	0.3	1.33	87	3	32	< 5	0.02	< 1	16	506	43	3.35	0.02	20	0.42	275	3	<.01	369	564	42	32	< 20	5	0.01	< 10	32	15	< 1	56
616.34	56+00E17+25N	<.2	1.74	135	3	56	8	0.11	< 1	22	502	60	3.93	0.04	26	0.62	824	5	<.01	369	719	54	59	< 20	16	0.02	< 10	36	< 10	< 1	105
616.35	56+00E17+50N	0.4	1.36	36	4	47	< 5	0.05	< 1	15	514	36	3.00	0.02	19	0.47	304	3	<.01	376	606	42	50	< 20	8	0.01	11	33	< 10	< 1	72
616.36	56+00E17+75N	<.2	1.15	92	6	53	< 5	1.00	1	24	467	38	2.41	0.04	19	0.64	1351	< 1	<.01	353	792	43	47	< 20	72	<.01	< 10	22	< 10	7	134
616.37	56+00E18+00N	0.5	1.68	53	3	52	< 5	0.10	1	14	454	21	2.86	0.03	18	0.69	432	< 1	<.01	330	406	51	36	< 20	12	0.02	< 10	40	< 10	< 1	58
616.38	56+00E18+25N	0.4	1.52	14	< 2	36	< 5	0.05	< 1	11	380	15	2.24	0.02	14	0.44	286	2	<.01	277	351	41	29	< 20	9	0.02	12	43	< 10	< 1	37
616.39	56+00E18+50N	1.8	1.30	43	< 2	38	< 5	0.10	< 1	19	404	12	2.35	0.02	15	0.29	197	2	0.01	197	375	39	31	< 20	5	0.02	18	31	< 10	5	33
616.40	56+00E18+75N	0.4	1.10	7	< 2	29	12	0.02	< 1	11	421	14	2.57	0.01	14	0.40	214	< 1	<.01	213	516	33	41	< 20	3	<.01	< 10	28	< 10	< 1	42

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ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
616.41	56+00E19+00N	0.3	0.93	21	< 2	31	< 5	<.01	< 1	8	448	10	2.30	<.01	13	0.11	108	< 1	<.01	200	621	25	34	25	< 1	<.01	< 10	33	< 10	< 1	31
616.42	56+00E19+25N	<.2	1.34	92	3	33	< 5	0.03	2	18	464	32	3.40	0.01	19	0.30	572	< 1	<.01	249	736	43	56	36	< 1	<.01	< 10	19	< 10	< 1	69
616.43	56+00E19+50N	0.7	1.52	53	< 2	31	17	0.06	1	17	459	27	3.45	0.01	24	0.54	579	2	<.01	244	815	48	59	< 20	14	<.01	< 10	26	< 10	< 1	66
616.44	56+00E19+75N	0.4	1.47	100	< 2	33	< 5	<.01	2	22	427	34	2.88	0.01	19	0.62	486	< 1	<.01	230	528	78	51	< 20	1	<.01	< 10	25	< 10	< 1	75
616.45	58+00E20+25N	0.3	1.78	47	< 2	29	< 5	<.01	< 1	12	432	15	3.31	0.01	17	0.46	254	< 1	<.01	213	533	49	54	< 20	1	0.04	< 10	38	< 10	< 1	46
616.46	58+00E20+50N	0.5	2.04	31	< 2	28	< 5	<.01	< 1	10	435	12	2.99	0.01	16	0.21	282	< 1	<.01	213	694	52	41	< 20	2	0.03	< 10	33	< 10	< 1	41
616.47	58+00E20+75N	0.4	0.74	23	3	13	< 5	0.02	< 1	7	305	10	1.73	0.01	< 10	0.23	225	< 1	<.01	154	923	30	28	< 20	3	0.03	13	21	< 10	< 1	29
616.48	58+00E21+00N	<.2	0.67	30	3	15	< 5	0.04	< 1	4	214	3	0.84	0.01	< 10	0.11	140	< 1	<.01	104	377	24	8	< 20	1	0.03	< 10	17	< 10	< 1	15
616.49	58+00E21+25N	0.3	1.24	< 5	< 2	23	< 5	0.01	< 1	9	434	7	2.26	0.01	12	0.17	177	1	<.01	221	481	37	31	< 20	2	0.02	< 10	25	17	< 1	26
616.50	58+00E21+50N	0.8	1.20	62	< 2	27	< 5	0.15	1	12	465	18	2.51	0.02	14	0.43	304	< 1	<.01	234	346	44	46	< 20	23	0.02	< 10	23	< 10	< 1	30
616.51	58+00E21+75N	0.5	1.06	75	3	37	9	0.90	2	16	333	26	2.12	0.02	14	0.62	1464	< 1	<.01	173	795	33	56	< 20	76	<.01	< 10	18	< 10	< 1	68
616.52	58+00E22+00N	13.5	0.15	33	14	19	< 5	5.25	< 1	3	32	24	0.32	0.03	< 10	0.43	1397	2	0.04	17	599	9	22	< 20	381	<.01	< 10	8	< 10	1	37
616.53	58+00E22+25N	0.2	0.21	25	12	9	< 5	5.58	< 1	2	36	19	0.29	0.04	< 10	0.30	327	1	0.04	8	587	4	22	< 20	336	<.01	23	7	< 10	1	39
616.54	58+00E22+50N	<.2	0.97	28	< 2	25	< 5	0.17	1	11	381	13	2.85	0.02	15	0.15	168	< 1	<.01	192	214	31	41	< 20	14	0.02	10	20	28	< 1	45
616.55	58+00E22+75N	1.3	0.27	14	14	5	< 5	5.19	< 1	1	15	28	0.25	0.04	< 10	0.21	225	< 1	0.05	5	519	9	31	< 20	289	<.01	< 10	4	< 10	1	41
616.56	58+00E23+00N	77.1	0.21	30	11	10	< 5	5.03	< 1	1	7	32	0.29	0.04	< 10	0.20	600	< 1	0.03	3	398	8	21	< 20	260	<.01	< 10	4	< 10	2	42
616.57	59+00E20+25N	<.2	1.02	34	3	33	< 5	0.05	< 1	9	344	14	2.24	0.01	12	0.21	159	< 1	<.01	165	228	29	28	< 20	6	0.06	12	27	< 10	< 1	29
616.58	59+00E20+50N	0.3	0.08	46	< 2	23	< 5	0.03	< 1	9	339	9	1.95	<.01	< 10	0.18	137	< 1	<.01	162	527	26	23	< 20	2	0.06	< 10	31	< 10	< 1	29
616.59	59+00E20+75N	<.2	0.38	20	3	11	< 5	0.02	< 1	4	227	5	0.85	0.01	< 10	0.09	95	< 1	<.01	111	290	12	21	< 20	< 1	0.02	< 10	15	< 10	< 1	20
616.60	59+00E21+00N	0.3	0.93	22	< 2	22	< 5	<.01	< 1	9	313	9	2.54	0.01	14	0.24	201	< 1	<.01	151	915	30	44	< 20	3	0.04	< 10	35	< 10	< 1	35

TECK EXPLORATIONS LTD.
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ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
616.61	59+00E21+25N	0.4	0.93	24	< 2	26	8	0.06	< 1	9	391	11	2.22	0.01	12	0.25	196	< 1	<.01	194	558	30	33	< 20	3	0.02	14	24	< 10	< 1	33
616.62	59+00E21+50N	<.2	0.98	37	4	22	< 5	0.02	< 1	11	362	13	2.60	0.01	14	0.25	153	< 1	<.01	177	347	30	38	< 20	3	0.06	< 10	38	< 10	< 1	33
616.63	59+00E21+75N	0.3	1.26	51	< 2	20	< 5	0.06	< 1	10	400	10	2.19	0.01	13	0.24	159	< 1	<.01	210	276	37	54	< 20	10	0.02	< 10	22	< 10	< 1	36
616.64	59+00E22+00N	<.2	0.79	54	3	29	< 5	0.10	1	8	342	8	1.88	0.01	11	0.22	137	< 1	<.01	168	193	25	51	< 20	9	0.02	< 10	20	< 10	< 1	37
616.65	59+00E22+25N	<.2	0.11	32	11	9	< 5	2.75	< 1	1	< 1	27	0.10	0.06	< 10	0.16	151	< 1	0.04	3	516	7	21	< 20	101	<.01	< 10	2	< 10	< 1	47
616.66	59+00E22+50N	<.2	1.23	54	< 2	41	< 5	0.26	< 1	11	367	20	2.79	0.02	16	0.34	225	< 1	<.01	182	231	34	34	< 20	21	0.02	< 10	27	< 10	< 1	49
616.67	59+00E22+75N	7.8	0.42	24	< 2	23	< 5	0.07	< 1	5	308	5	0.94	<.01	< 10	0.06	69	< 1	<.01	152	81	17	16	< 20	6	0.02	< 10	21	< 10	< 1	24
616.68	59+00E23+00N	3.7	0.75	36	< 2	30	< 5	0.45	< 1	7	304	7	1.67	<.01	< 10	0.15	91	< 1	<.01	149	139	24	34	< 20	30	0.03	< 10	21	< 10	< 1	26

NOTE: < = less than

cc: Jean Pautler
c/o Pemberton Helicopters
Box 579
Pemberton, B.C.
V0N 2L0

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

Sept 5/89

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

AUGUST 31, 1989

CERTIFICATE OF ANALYSIS ETK 89-617

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 68 SOIL samples received August 15, 1989
PROJECT: 1366
SHIPMENT #10

ET#	Description	Au (ppb)	Hg (ppb)
617 - 1	L 52 + 00 E 20 + 25 N	10	75
617 - 2	L 52 + 00 E 20 + 50 N	45	70
617 - 3	L 52 + 00 E 20 + 75 N	20	60
617 - 4	L 52 + 00 E 21 + 00 N	10	65
617 - 5	L 52 + 00 E 21 + 25 N	150	60
617 - 6	L 52 + 00 E 21 + 50 N	25	55
617 - 7	L 52 + 00 E 21 + 75 N	<5	55
617 - 8	L 52 + 00 E 22 + 00 N	40	65
617 - 9	L 52 + 00 E 22 + 25 N	10	60
617 - 10	L 52 + 00 E 22 + 50 N	60	60
617 - 11	L 52 + 00 E 22 + 75 N	35	90
617 - 12	L 52 + 00 E 23 + 00 N	15	70
617 - 13	L 53 + 00 E 16 + 00 N	10	75
617 - 14	L 53 + 00 E 16 + 25 N	10	65
617 - 15	L 53 + 00 E 16 + 50 N	15	75
617 - 16	L 53 + 00 E 16 + 75 N	45	100
617 - 17	L 53 + 00 E 17 + 00 N	25	95
617 - 18	L 53 + 00 E 17 + 25 N	20	100
617 - 19	L 53 + 00 E 17 + 50 N	20	80
617 - 20	L 53 + 00 E 17 + 75 N	15	75
617 - 21	L 53 + 00 E 18 + 00 N	15	160
617 - 22	L 53 + 00 E 18 + 25 N	30	135
617 - 23	L 53 + 00 E 18 + 50 N	35	110
617 - 24	L 53 + 00 E 18 + 75 N	25	110
617 - 25	L 53 + 00 E 19 + 00 N	10	100
617 - 26	L 53 + 00 E 19 + 25 N	15	50
617 - 27	L 53 + 00 E 19 + 50 N	10	70
617 - 28	L 53 + 00 E 19 + 75 N	15	50
617 - 29	L 53 + 00 E 20 + 25 N	10	50
617 - 30	L 53 + 00 E 20 + 50 N	10	90

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

[illegible]LORATORIES LTD. AUGUST 31, 1989

	Description	Au (ppb)	Hg (ppb)
31	L 53 + 00 E 20 + 75 N	15	70
32	L 53 + 00 E 21 + 00 N	[illegible]	195
33	L 53 + 00 E 21 + 25 N	55	95
34	L 53 + 00 E 21 + 50 N	10	70
35	L 53 + 00 E 21 + 75 N	100	65
36	L 53 + 00 E 22 + 00 N	<5	50
37	L 53 + 00 E 22 + 25 N	10	70
38	L 53 + 00 E 22 + 50 N	30	90
39	L 53 + 00 E 22 + 75 N	55	50
40	L 53 + 00 E 23 + 00 N	15	45
41	L 54 + 00 E 16 + 00 N	20	40
42	L 54 + 00 E 16 + 25 N	15	75
43	L 54 + 00 E 16 + 50 N	25	70
44	L 54 + 00 E 16 + 75 N	10	45
45	L 54 + 00 E 17 + 00 N	10	60
46	L 54 + 00 E 17 + 25 N	15	30
47	L 54 + 00 E 17 + 50 N	20	50
48	L 54 + 00 E 17 + 75 N	5	75
49	L 54 + 00 E 18 + 00 N	5	70
50	L 54 + 00 E 18 + 25 N	20	50
51	L 54 + 00 E 18 + 50 N	30	45
52	L 54 + 00 E 18 + 75 N	35	130
53	L 54 + 00 E 19 + 00 N	10	60
54	L 54 + 00 E 19 + 25 N	15	30
55	L 54 + 00 E 19 + 50 N	20	50
56	L 54 + 00 E 19 + 75 N	10	30
57	L 54 + 00 E 20 + 25 N	5	50
58	L 54 + 00 E 20 + 50 N	15	50
59	L 54 + 00 E 20 + 75 N	5	45
60	L 54 + 00 E 21 + 00 N	<5	50
61	L 54 + 00 E 21 + 25 N	10	40
62	L 54 + 00 E 21 + 50 N	10	60
63	L 54 + 00 E 21 + 75 N	20	50
64	L 54 + 00 E 22 + 00 N	5	45
65	L 54 + 00 E 22 + 25 N	<5	25
66	L 54 + 00 E 22 + 50 N	20	45
67	[illegible]	[illegible]	40
68	L 54 + 00 E 23 + 00 N	15	45

< = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

FRED DAILEY

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
August 31, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Baley

CERTIFICATE OF ANALYSIS ETK 89-617B
68 Soil Samples, received August 15/89
Project 01366
Shipment 010
All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Se	Sr	Ti%	U	V	W	Y	Zn
617.1	52+00E 20+25N	0.2	1.61	66	3	41	25	0.07	< 1	13	< 1	17	2.32	0.02	12	0.37	165	< 1	<.01	< 1	399	43	43	< 20	6	0.02	< 10	21	< 10	5	41
617.2	52+00E 20+50N	<.2	1.71	45	3	33	9	0.02	1	8	< 1	12	2.69	0.02	12	0.35	304	< 1	<.01	< 1	388	48	18	< 20	6	0.02	< 10	23	< 10	< 1	42
617.3	52+00E 20+75N	<.2	1.67	61	2	34	16	0.03	< 1	5	< 1	7	2.68	0.01	11	0.30	170	< 1	<.01	< 1	322	46	48	< 20	6	0.05	< 10	29	< 10	< 1	28
617.4	52+00E 21+00N	<.2	1.36	35	2	48	17	0.06	< 1	7	< 1	10	2.90	0.02	12	0.38	753	< 1	<.01	< 1	415	43	36	< 20	6	0.02	< 10	27	18	< 1	37
617.5	52+00E 21+25N	<.2	1.35	55	2	45	< 5	0.09	< 1	9	< 1	11	3.07	0.02	13	0.39	456	< 1	<.01	< 1	544	46	60	< 20	9	0.01	< 10	29	11	< 1	47
617.6	52+00E 21+50N	<.2	1.32	45	3	46	< 5	0.15	< 1	9	< 1	8	2.77	0.03	12	0.36	590	1	<.01	< 1	498	44	43	< 20	11	0.01	< 10	26	< 10	< 1	43
617.7	52+00E 21+75N	<.2	1.34	43	2	35	7	0.03	< 1	8	< 1	9	2.54	0.02	11	0.35	722	< 1	<.01	< 1	760	42	31	< 20	5	0.01	< 10	23	20	< 1	41
617.8	52+00E 22+00N	<.2	1.47	89	4	41	8	0.43	1	12	< 1	13	2.75	0.03	17	0.40	1195	< 1	<.01	< 1	730	45	32	< 20	26	0.01	< 10	26	< 10	3	52
617.9	52+00E 22+25N	0.3	1.75	60	2	35	14	0.30	< 1	9	< 1	15	2.77	0.02	16	0.36	589	< 1	<.01	< 1	480	49	37	< 20	24	0.02	< 10	29	< 10	1	36
617.10	52+00E 22+50N	<.2	1.58	58	5	25	9	0.09	< 1	12	< 1	14	3.09	0.02	14	0.40	1101	< 1	<.01	< 1	587	51	34	< 20	8	0.03	< 10	30	40	< 1	50
617.11	52+00E 22+75N	1.1	1.76	< 5	< 2	25	< 5	0.02	< 1	7	< 1	12	2.94	0.02	14	0.34	267	< 1	<.01	< 1	686	53	< 5	< 20	9	0.02	20	28	< 10	< 1	31
617.12	52+00E 23+00N	<.2	1.72	97	5	27	20	0.31	2	12	< 1	20	2.69	0.02	30	0.56	623	< 1	<.01	< 1	1223	50	48	< 20	23	0.02	< 10	30	12	15	60
617.13	53+00E 16+00N	0.3	1.37	73	5	56	10	0.59	3	12	5	31	3.13	0.04	16	0.62	680	< 1	<.01	13	706	47	45	< 20	39	<.01	< 10	19	12	4	116
617.14	53+00E 16+25N	0.5	1.68	68	2	55	< 5	0.11	< 1	13	12	17	3.46	0.03	16	0.61	656	< 1	<.01	7	693	54	41	< 20	17	0.01	< 10	27	< 10	< 1	71
617.15	53+00E 16+50N	0.2	1.44	67	3	33	5	<.01	< 1	8	< 1	18	3.35	0.02	14	0.43	372	1	<.01	< 1	692	42	26	< 20	4	<.01	< 10	21	< 10	< 1	54
617.16	53+00E 16+75N	0.4	1.47	153	3	34	17	<.01	3	11	< 1	23	3.91	0.02	16	0.33	396	< 1	<.01	3	687	45	53	< 20	3	<.01	< 10	23	< 10	< 1	70
617.17	53+00E 17+00N	0.5	1.01	102	2	39	10	0.01	< 1	10	< 1	13	3.14	0.02	13	0.21	1600	< 1	<.01	< 1	706	38	28	< 20	5	<.01	< 10	23	25	< 1	45
617.18	53+00E 17+25N	0.5	1.18	103	2	37	5	<.01	2	11	< 1	20	3.79	0.02	15	0.24	1169	< 1	<.01	< 1	767	43	26	< 20	5	0.01	11	25	< 10	< 1	86
617.19	53+00E 17+50N	<.2	1.11	83	< 2	34	10	0.02	< 1	7	< 1	11	2.54	0.02	10	0.26	883	< 1	<.01	< 1	683	38	39	< 20	4	<.01	< 10	21	< 10	< 1	43
617.20	53+00E 17+75N	<.2	1.70	60	4	43	15	0.01	< 1	12	< 1	24	3.45	0.03	15	0.52	423	< 1	<.01	< 1	657	52	29	< 20	4	0.01	< 10	21	< 10	< 1	67

TECK EXPLORATIONS LTD.
ETK 89-617A
Page 2
August 31, 1989

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
617.21	53+00E18+00N	0.7	1.32	38	3	44	12	0.02	< 1	7	< 1	17	2.91	0.02	12	0.41	396	< 1	<.01	< 1	493	45	33	< 20	5	<.01	< 10	18	18	< 1	51
617.22	53+00E18+25N	<.2	1.55	66	2	25	11	<.01	< 1	5	< 1	13	3.10	<.01	13	0.22	175	3	<.01	< 1	544	37	30	< 20	2	<.01	< 10	24	< 10	< 1	41
617.23	53+00E18+50N	<.2	1.44	61	2	44	10	<.01	< 1	6	< 1	9	2.97	0.02	13	0.32	185	< 1	<.01	< 1	437	38	14	< 20	4	<.01	< 10	25	15	< 1	39
617.24	53+00E18+75N	<.2	1.36	64	< 2	42	9	<.01	< 1	5	< 1	10	2.78	0.01	12	0.26	263	< 1	<.01	< 1	582	37	24	< 20	3	<.01	< 10	25	< 10	< 1	48
617.25	53+00E19+00N	<.2	1.60	37	2	27	< 5	0.01	< 1	6	< 1	9	2.50	0.02	12	0.31	345	< 1	<.01	< 1	711	42	28	< 20	4	<.01	< 10	26	40	< 1	33
617.26	53+00E19+25N	<.2	0.42	19	3	26	9	0.07	< 1	2	< 1	7	0.74	0.02	< 10	0.10	254	< 1	<.01	< 1	650	17	9	< 20	4	<.01	< 10	10	< 10	< 1	17
617.27	53+00E19+50N	<.2	1.05	34	< 2	45	5	0.05	< 1	6	< 1	5	2.07	0.03	11	0.20	1045	< 1	<.01	< 1	412	36	< 5	< 20	8	0.01	< 10	24	< 10	< 1	25
617.28	53+00E19+75N	<.2	1.86	75	< 2	92	16	0.13	< 1	13	< 1	23	3.82	0.03	17	0.60	548	< 1	<.01	< 1	327	54	25	< 20	14	0.02	< 10	29	21	< 1	62
617.29	53+00E20+25N	<.2	1.58	69	3	22	12	0.02	< 1	4	< 1	6	1.94	0.02	< 10	0.21	144	< 1	<.01	< 1	473	37	20	< 20	3	0.02	< 10	26	< 10	1	25
617.30	53+00E20+50N	0.2	1.89	65	< 2	32	5	<.01	< 1	5	< 1	9	2.75	<.01	13	0.29	129	< 1	<.01	< 1	621	45	30	< 20	2	0.01	< 10	22	< 10	< 1	33
617.31	53+00E20+75N	0.3	1.40	61	2	32	7	0.02	< 1	4	< 1	7	2.13	0.02	< 10	0.23	122	1	<.01	< 1	613	38	12	< 20	5	<.01	< 10	16	< 10	< 1	34
617.32	53+00E21+00N	<.2	1.69	431	2	69	< 5	0.05	< 1	12	< 1	40	3.72	0.03	16	0.55	270	< 1	<.01	1	611	240	25	< 20	6	<.01	< 10	17	< 10	< 1	242
617.33	53+00E21+25N	<.2	2.00	70	2	36	< 5	0.03	< 1	7	< 1	11	2.78	0.02	15	0.39	195	< 1	<.01	< 1	691	54	24	< 20	5	0.01	< 10	31	< 10	< 1	44
617.34	53+00E21+50N	<.2	1.75	68	2	28	< 5	0.01	< 1	4	< 1	7	2.61	0.02	11	0.28	162	< 1	<.01	< 1	868	40	24	< 20	4	<.01	< 10	20	< 10	< 1	25
617.35	53+00E21+75N	<.2	1.91	69	< 2	36	< 5	<.01	< 1	10	< 1	18	3.41	0.01	16	0.46	283	2	<.01	< 1	518	51	29	< 20	4	0.01	< 10	24	< 10	< 1	52
617.36	53+00E22+00N	0.4	1.70	44	< 2	28	< 5	0.01	< 1	7	< 1	13	2.55	0.02	15	0.36	251	< 1	<.01	< 1	672	43	28	< 20	5	<.01	< 10	24	< 10	< 1	35
617.37	53+00E22+25N	<.2	1.29	44	2	45	< 5	0.02	< 1	5	< 1	7	2.65	0.01	11	0.28	179	< 1	<.01	< 1	281	35	28	< 20	5	0.02	< 10	27	20	< 1	29
617.38	53+00E22+50N	<.2	1.58	40	3	49	12	0.02	< 1	11	< 1	25	3.89	0.02	16	0.49	256	< 1	<.01	< 1	299	30	21	< 20	7	0.02	< 10	26	< 10	< 1	39
617.39	53+00E22+75N	<.2	1.34	12	3	47	10	0.08	< 1	11	11	2	2.69	0.02	10	0.46	285	< 1	<.01	7	407	48	30	< 20	4	0.02	< 10	34	< 10	3	40
617.40	53+00E23+00N	<.2	1.67	79	3	54	< 5	0.02	< 1	8	17	10	3.74	0.03	14	0.54	246	2	<.01	16	526	53	63	< 20	4	0.01	< 10	38	< 10	< 1	46

FTK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
617.41	54+00E16+00N	0.4	1.72	38	4	31	< 5	0.23	2	10	28	21	5.39	0.03	< 10	0.42	361	2	<.01	19	1142	16	17	< 20	17	0.01	< 10	24	< 10	5	94
617.42	54+00E16+25N	0.8	1.80	75	< 2	42	21	0.15	1	9	40	18	5.90	0.02	< 10	0.54	277	4	<.01	21	914	18	9	< 20	17	<.01	< 10	32	< 10	< 1	78
617.43	54+00E16+50N	<.2	1.97	44	2	36	< 5	<.01	1	7	49	13	6.34	0.01	< 10	0.52	260	2	<.01	21	412	16	20	< 20	5	0.01	< 10	37	< 10	< 1	45
617.44	54+00E16+75N	0.4	2.96	51	7	44	12	0.11	2	20	75	25	7.36	0.04	13	0.86	2005	1	<.01	56	1902	31	35	< 20	10	0.01	< 10	38	< 10	6	133
617.45	54+00E17+00N	0.6	2.91	37	5	45	9	<.01	< 1	11	41	29	8.65	0.02	< 10	0.56	302	< 1	<.01	30	662	17	38	21	3	0.01	< 10	34	< 10	< 1	68
617.46	54+00E17+25N	<.2	1.80	16	3	23	< 5	<.01	< 1	3	16	6	3.15	0.01	< 10	0.25	80	< 1	<.01	6	618	14	11	< 20	3	<.01	< 10	22	< 10	< 1	29
617.47	54+00E17+50N	0.2	2.21	14	4	26	9	<.01	< 1	6	24	9	6.32	0.01	< 10	0.41	138	< 1	<.01	8	558	13	16	< 20	2	<.01	< 10	25	< 10	< 1	38
617.48	54+00E17+75N	<.2	1.59	11	3	31	< 5	<.01	< 1	5	33	16	5.03	0.01	< 10	0.33	145	< 1	<.01	14	487	9	20	< 20	3	<.01	< 10	29	< 10	< 1	36
617.49	54+00E18+00N	<.2	1.69	7	< 2	28	< 5	<.01	< 1	6	19	11	5.90	0.01	< 10	0.31	145	< 1	<.01	8	532	12	33	< 20	4	<.01	< 10	29	< 10	< 1	33
617.50	54+00E18+25N	0.4	2.18	20	3	24	< 5	<.01	< 1	6	18	11	6.09	0.01	< 10	0.36	313	< 1	<.01	6	618	15	35	< 20	1	<.01	< 10	26	< 10	< 1	40
617.51	54+00E18+50N	<.2	1.62	28	4	22	6	<.01	< 1	6	14	14	6.70	0.01	< 10	0.32	169	< 1	<.01	8	768	5	17	< 20	2	<.01	< 10	31	< 10	< 1	34
617.52	54+00E18+75N	0.3	1.41	8	7	36	< 5	0.13	1	20	16	33	6.74	0.03	< 10	0.38	1183	1	<.01	27	676	12	37	< 20	12	<.01	< 10	15	< 10	< 1	95
617.53	54+00E19+00N	0.7	2.22	49	4	49	< 5	0.05	1	11	16	11	5.60	0.02	< 10	0.46	1188	2	<.01	14	766	20	15	< 20	9	<.01	< 10	30	< 10	2	92
617.54	54+00E19+25N	0.8	1.93	< 5	5	33	< 5	0.01	< 1	6	18	12	4.92	0.01	< 10	0.53	176	< 1	<.01	13	443	19	30	< 20	4	<.01	< 10	24	< 10	< 1	53
617.55	54+00E19+50N	0.4	1.88	78	7	17	7	0.55	2	10	10	30	4.38	0.01	65	0.46	846	< 1	<.01	12	848	20	24	< 20	36	0.01	< 10	21	< 10	39	57
617.56	54+00E19+75N	<.2	1.81	34	3	57	< 5	0.08	< 1	7	8	10	5.32	0.03	< 10	0.47	786	< 1	<.01	6	1321	14	9	< 20	7	<.01	< 10	23	< 10	< 1	50
617.57	54+00E20+25N	<.2	1.15	27	3	31	< 5	<.01	< 1	5	6	12	5.06	0.01	< 10	0.25	185	< 1	<.01	4	640	11	17	< 20	5	<.01	< 10	22	< 10	< 1	39
617.58	54+00E20+50N	0.2	1.43	< 5	< 2	19	< 5	<.01	< 1	2	4	5	3.41	<.01	< 10	0.15	95	< 1	<.01	< 1	719	11	< 5	< 20	4	<.01	< 10	17	< 10	< 1	17
617.59	54+00E20+75N	0.2	1.08	< 5	< 2	20	10	<.01	< 1	3	3	4	2.53	<.01	< 10	0.15	121	< 1	<.01	4	427	10	9	< 20	3	<.01	< 10	16	< 10	< 1	14
617.60	54+00E21+00N	0.4	1.85	10	< 2	29	< 5	<.01	< 1	4	9	6	4.27	<.01	< 10	0.30	97	< 1	<.01	3	539	17	10	< 20	3	<.01	< 10	21	< 10	< 1	40

TECK EXPLORATIONS LTD.
ETK 89-617A
Page 4
August 31, 1989

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Se	Sr	Ti%	U	V	W	Y	Zn
617.61	54+00E21+25N	<.2	1.32	20	2	11	< 5	<.01	< 1	1	2	2	1.92	<.01	< 10	0.08	30	2	<.01	< 1	467	12	< 5	< 20	3	<.01	< 10	15	< 10	< 1	13
617.62	54+00E21+50N	<.2	2.22	< 5	< 2	21	< 5	<.01	< 1	5	10	10	5.45	<.01	< 10	0.31	95	< 1	<.01	6	496	17	21	< 20	3	<.01	< 10	25	< 10	< 1	35
617.63	54+00E21+75N	0.3	1.51	< 5	< 2	20	< 5	<.01	< 1	4	4	8	5.06	<.01	< 10	0.14	79	< 1	<.01	3	579	4	< 5	< 20	4	<.01	< 10	23	< 10	< 1	21
617.64	54+00E22+00N	0.4	1.28	< 5	< 2	13	5	<.01	< 1	3	5	4	4.03	<.01	< 10	0.14	153	2	<.01	3	682	11	< 5	< 20	5	<.01	11	25	< 10	< 1	12
617.65	54+00E22+25N	0.3	1.04	7	< 2	15	< 5	<.01	< 1	2	4	1	1.28	<.01	< 10	0.11	59	< 1	<.01	< 1	176	11	< 5	< 20	3	<.01	< 10	14	< 10	< 1	10
617.66	54+00E22+50N	<.2	2.27	< 5	< 2	17	< 5	<.01	< 1	5	11	9	5.00	<.01	< 10	0.30	158	< 1	<.01	5	676	15	5	< 20	2	<.01	< 10	23	< 10	< 1	27
617.67	54+00E22+75N	<.2	1.75	11	2	18	< 5	<.01	< 1	3	6	5	4.26	<.01	< 10	0.17	123	< 1	<.01	3	436	14	20	< 20	3	0.02	< 10	28	< 10	< 1	20
617.68	54+00E23+00N	0.2	1.25	22	2	24	< 5	<.01	< 1	3	3	6	3.72	<.01	< 10	0.21	100	< 1	<.01	1	360	10	13	< 20	5	<.01	< 10	21	< 10	< 1	24

NOTE: < = Less than

cc: Jean Pautler
c/o Pemberton Helicopters
Box 579
Pemberton, B.C.
V0N 2L0

ECO-TECH LABORATORIES LTD.
[illegible]
B.C. CERTIFIED ASSAYER

Sept 5/89

ECO-TECH LABORATORIES LTD.

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

AUGUST 30, 1989

CERTIFICATE OF ANALYSIS ETK 89-[illegible]18

LORATIONS LTD.
SECOND AVENUE
, B.C.

IN: FRED DALEY

DENTIFICATION: 21 ROCK samples received August 15, 1989
PROJECT: 1366
SHIPMENT #10

	Description	Au (ppb)	Hg (ppb)
1	31801	25	345
2	31802	35	40
3	31803	20	30
4	31804	10	20
5	31805	15	5
6	31806	10	20
7	31807	280	60
8	31808	20	10
9	31809	10	15
10	31810	20	115
11	31811	5	55
12	31812	10	60
13	31813	50	20
14	31814	150	30
15	31815	10	470
16	31816	20	160
17	31817	20	25
18	31818	15	30
19	31819	10	45
20	31820	10	60
21	31821	5	65

< = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

KAMLOOPS
/TECK5

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
August 30, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Daley

CERTIFICATE OF ANALYSIS ETK 89-618A
21 Rock Samples, received August 15/89
Project 01366
Shipment 910
All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
618.1	31801	2.2	0.11	5	8	10	11	3.81	< 1	8	209	100	1.59	0.03	< 10	0.75	679	12	0.01	< 1	918	111	53	< 20	102	<.01	< 10	5	15	6	39
618.2	31802	1.1	0.14	26	7	14	< 5	2.40	< 1	5	160	12	1.79	0.05	< 10	0.31	501	6	0.01	< 1	1143	28	27	< 20	85	<.01	< 10	2	< 10	2	70
618.3	31803	0.5	0.05	17	16	9	6	1.27	< 1	2	250	3	1.31	0.02	< 10	0.06	573	16	<.01	< 1	844	36	20	< 20	38	<.01	< 10	1	< 10	2	61
618.4	31804	1.1	0.05	10	12	6	< 5	1.12	< 1	2	204	3	1.18	0.01	< 10	0.06	539	10	<.01	< 1	305	142	24	< 20	30	<.01	< 10	< 1	< 10	< 1	235
618.5	31805	<.2	0.01	15	10	< 5	10	0.02	< 1	< 1	141	3	0.44	<.01	< 10	0.05	1523	10	<.01	< 1	15	6	25	< 20	352	<.01	< 10	< 1	< 10	< 1	12
618.6	31806	0.3	0.07	17	16	9	< 5	0.29	< 1	2	169	4	0.84	0.02	< 10	0.06	194	7	0.02	< 1	170	29	9	< 20	22	<.01	< 10	< 1	31	< 1	32
618.7	31807	1.2	0.14	16	9	18	18	1.80	< 1	14	155	24	2.95	0.04	13	0.11	292	8	0.02	< 1	343	10	53	< 20	32	<.01	< 10	2	< 10	< 1	112
618.8	31808	<.2	2.19	< 5	8	34	23	1.00	< 1	17	23	17	3.66	0.09	18	1.51	607	< 1	0.01	11	554	47	82	< 20	35	0.05	< 10	39	< 10	< 1	66
618.9	31809	<.2	0.32	< 5	9	14	15	2.66	< 1	10	109	8	2.58	0.02	12	0.43	487	5	0.02	< 1	1495	12	49	< 20	154	<.01	< 10	15	< 10	1	39
618.10	31810	<.2	0.13	< 5	9	18	< 5	12.94	< 1	7	46	15	1.61	0.02	< 10	0.43	621	2	<.01	< 1	117	2	58	< 20	238	<.01	< 10	25	< 10	4	14
618.11	31811	<.2	0.08	< 5	9	47	7	2.27	< 1	2	273	4	1.05	<.01	< 10	0.05	1593	19	<.01	< 1	143	< 2	31	< 20	26	<.01	< 10	13	< 10	< 1	10
618.12	31812	0.2	0.38	< 5	8	326	6	3.26	< 1	7	43	102	4.79	0.12	21	0.25	4370	< 1	<.01	4	229	15	62	< 20	49	<.01	< 10	81	< 10	< 1	22
618.13	31813	15.4	0.11	< 5	11	20	6	1.17	< 1	2	304	5	1.46	0.03	< 10	0.07	371	18	0.01	< 1	1077	3	22	< 20	45	<.01	< 10	4	< 10	1	23
618.14	31814	1.0	0.26	55	9	30	21	1.13	< 1	13	45	7	3.51	0.08	15	0.06	301	2	0.02	< 1	687	7	30	< 20	27	<.01	< 10	3	< 10	< 1	48
618.15	31815	<.2	0.27	29	7	27	17	5.12	< 1	8	51	9	2.21	0.06	13	0.08	544	2	0.01	< 1	225	< 2	42	< 20	131	<.01	< 10	15	< 10	3	33
618.16	31816	0.2	0.05	36	11	10	< 5	0.23	< 1	7	161	110	2.48	0.01	< 10	0.02	88	73	<.01	< 1	30	13	9	< 20	9	<.01	< 10	1	< 10	< 1	29
618.17	31817	0.4	0.03	55	10	6	11	0.03	2	2	158	31	1.91	<.01	< 10	<.01	39	17	<.01	< 1	52	8	7	< 20	4	<.01	< 10	< 1	< 10	< 1	144
618.18	31818	<.2	0.26	36	9	17	13	0.88	< 1	7	168	33	2.47	0.02	11	0.09	483	5	<.01	< 1	338	10	29	< 20	10	<.01	< 10	12	21	1	64
618.19	31819	<.2	1.35	21	7	18	10	0.13	< 1	11	134	5	4.20	0.03	17	0.70	331	5	<.01	7	497	31	56	20	18	<.01	10	29	< 10	< 1	99
618.20	31820	<.2	0.25	25	8	19	6	0.04	< 1	8	170	46	2.72	0.05	12	0.05	358	8	0.02	< 1	239	4	25	< 20	11	<.01	< 10	13	< 10	< 1	75
618.21	31821	<.2	0.10	14	8	6	< 5	0.02	< 1	2	194	4	0.91	0.02	< 10	0.01	156	8	0.01	< 1	104	< 2	9	< 20	3	<.01	< 10	2	31	< 1	70

NOTE: < = Less than

cc: Joan Pautler
c/o Pemberton Helicopter
Box 579
Pemberton, B.C.
V0N 2L0

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

Captain's Creek

Sept 5/89

ECO-TECH LABORATORIES LTD.

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

SEPTEMBER 1, 1989

CERTIFICATE OF ANALYSIS ET# 89-619

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 72 SOIL samples received August 15, 1989
PROJECT: 1366
SHIPMENT #10

ET#	Description	Au (ppb)	Hg (ppb)
619 - 1	L 50 + 00 E 16 + 00 N	15	60
619 - 2	L 50 + 00 E 16 + 25 N	20	65
619 - 3	L 50 + 00 E 16 + 50 N	<5	75
619 - 4	L 50 + 00 E 16 + 75 N	10	150
619 - 5	L 50 + 00 E 17 + 00 N	10	160
619 - 6	L 50 + 00 E 17 + 25 N	5	70
619 - 7	L 50 + 00 E 17 + 50 N	<5	60
619 - 8	L 50 + 00 E 17 + 75 N	5	50
619 - 9	L 50 + 00 E 18 + 00 N	5	100
619 - 10	L 50 + 00 E 18 + 25 N	15	65
619 - 11	L 50 + 00 E 18 + 50 N	25	80
619 - 12	L 50 + 00 E 18 + 75 N	25	70
619 - 13	L 50 + 00 E 19 + 00 N	25	60
619 - 14	L 50 + 00 E 19 + 25 N	30	100
619 - 15	L 50 + 00 E 19 + 50 N	25	55
619 - 16	L 50 + 00 E 19 + 75 N	30	55
619 - 17	L 50 + 00 E 20 + 25 N	30	80
619 - 18	L 50 + 00 E 20 + 50 N	25	80
619 - 19	L 50 + 00 E 20 + 75 N	35	45
619 - 20	L 50 + 00 E 21 + 00 N	10	50
619 - 21	L 50 + 00 E 21 + 25 N	30	125
619 - 22	L 50 + 00 E 21 + 50 N	25	80
619 - 23	L 50 + 00 E 21 + 75 N	25	70
619 - 24	L 50 + 00 E 22 + 00 N	25	70
619 - 25	L 50 + 00 E 22 + 25 N	25	75
619 - 26	L 50 + 00 E 22 + 50 N	25	100
619 - 27	L 50 + 00 E 22 + 75 N	15	90
619 - 28	L 50 + 00 E 23 + 00 N	15	125
619 - 29	L 51 + 00 E 16 + 00 N	30	60
619 - 30	L 51 + 00 E 16 + 25 N	30	45

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

CO EXPLORATIONS LTD. - E11.89-619 SEPTEMBER 1, 1989

#	Description	Au (ppb)	Hg (ppb)
9 - 31	L 51 + 00 E 16 + 50 N	40	70
9 - 32	L 51 + 00 E 16 + 75 N	30	70
9 - 33	L 51 + 00 E 17 + 00 N	15	60
9 - 34	L 51 + 00 E 17 + 25 N	15	60
9 - 35	L 51 + 00 E 17 + 50 N	15	55
9 - 36	L 51 + 00 E 17 + 75 N	25	70
9 - 37	L 51 + 00 E 18 + 00 N	25	55
9 - 38	L 51 + 00 E 18 + 25 N	25	55
9 - 39	L 51 + 00 E 18 + 50 N	25	80
9 - 40	L 51 + 00 E 18 + 75 N	25	55
9 - 41	L 51 + 00 E 19 + 00 N	25	55
9 - 42	L 51 + 00 E 19 + 25 N	15	65
9 - 43	L 51 + 00 E 19 + 50 N	15	70
9 - 44	L 51 + 00 E 19 + 75 N	15	50
19 - 45	L 51 + 00 E 20 + 25 N	15	70
19 - 46	L 51 + 00 E 20 + 50 N	10	75
19 - 47	L 51 + 00 E 20 + 75 N	20	95
19 - 48	L 51 + 00 E 21 + 00 N	75	66
19 - 49	L 51 + 00 E 21 + 25 N	15	96
19 - 50	L 51 + 00 E 21 + 50 N	30	75
19 - 51	L 51 + 00 E 21 + 75 N	10	60
19 - 52	L 51 + 00 E 22 + 00 N	30	60
19 - 53	L 51 + 00 E 22 + 25 N	15	65
19 - 54	L 51 + 00 E 22 + 50 N	15	65
19 - 55	L 51 + 00 E 22 + 75 N	20	60
19 - 56	L 51 + 00 E 23 + 00 N	10	65
19 - 57	L 52 + 00 E 16 + 00 N	10	45
19 - 58	L 52 + 00 E 16 + 25 N	10	40
19 - 59	L 52 + 00 E 16 + 50 N	10	40
19 - 60	L 52 + 00 E 16 + 75 N	30	60
19 - 61	L 52 + 00 E 17 + 00 N	10	55
19 - 62	L 52 + 00 E 17 + 25 N	25	55
19 - 63	L 52 + 00 E 17 + 50 N	10	45
19 - 64	L 52 + 00 E 17 + 75 N	40	70
19 - 65	L 52 + 00 E 18 + 00 N	10	65
19 - 66	L 52 + 00 E 18 + 25 N	30	55
19 - 67	L 52 + 00 E 18 + 50 N	25	60
19 - 68	L 52 + 00 E 18 + 75 N	10	60
19 - 69	L 52 + 00 E 19 + 00 N	10	55
19 - 70	L 52 + 00 E 19 + 25 N	15	40
19 - 71	L 52 + 00 E 19 + 50 N	25	40
19 - 72	L 52 + 00 E 19 + 75 N	15	30

c: JEAN PAUTLER
C/O PEMBERTON HELICOPTERS
579 PEMBERTON, B.C.
V0N 2L0
CB9/TEC15

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
September 1, 1989

TECK EXPLORATIONS LTD.
960 - 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Bailey

CERTIFICATE OF ANALYSIS ETK 89-6190
72 Soil Samples, received August 15/89
Project # 1366
Shipment # 10
All values in PPM unless otherwise reported

ET #	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
619.1	50+00E16+00N	0.3	1.71	36	< 2	30	7	0.07	< 1	17	21	29	2.98	0.02	17	0.62	469	< 1	<.01	11	874	55	45	< 20	7	0.01	< 10	25	< 10	4	65
619.2	50+00E16+25N	0.6	1.10	19	< 2	36	12	0.03	< 1	10	7	9	2.36	0.03	11	0.32	3302	< 1	<.01	4	828	53	29	< 20	5	0.01	< 10	27	< 10	< 1	51
619.3	50+00E16+50N	0.4	1.70	38	< 2	26	13	0.02	< 1	7	9	12	2.53	0.02	13	0.47	287	< 1	<.01	5	793	44	29	< 20	5	0.01	< 10	24	< 10	< 1	42
619.4	50+00E16+75N	0.3	1.90	38	3	27	15	0.07	1	26	20	52	4.62	0.02	25	0.83	954	< 1	<.01	29	1085	74	78	< 20	7	<.01	< 10	28	< 10	2	94
619.5	50+00E17+00N	<.2	2.15	44	< 2	34	15	0.04	< 1	19	24	34	4.14	0.01	22	0.89	483	< 1	<.01	22	630	68	78	< 20	5	<.01	< 10	30	< 10	< 1	80
619.6	50+00E17+25N	<.2	1.78	52	< 2	27	8	0.01	< 1	7	17	8	2.75	0.02	14	0.58	194	< 1	<.01	4	627	49	38	< 20	4	<.01	< 10	27	< 10	< 1	47
619.7	50+00E17+50N	0.5	1.67	51	< 2	27	< 5	0.02	< 1	4	6	6	2.01	0.01	12	0.26	124	< 1	<.01	< 1	682	38	43	< 20	5	<.01	< 10	25	< 10	< 1	32
619.8	50+00E17+75N	0.2	2.03	46	< 2	25	12	0.07	< 1	8	9	11	3.47	0.02	16	0.43	343	< 1	<.01	5	844	49	36	30	6	<.01	< 10	28	< 10	< 1	44
619.9	50+00E18+00N	0.4	2.00	62	< 2	48	7	0.27	< 1	18	17	14	3.63	0.03	20	0.63	1597	1	<.01	11	1092	58	48	< 20	20	0.01	< 10	31	< 10	1	99
619.10	50+00E18+25N	0.3	1.80	80	3	40	16	0.16	1	21	14	13	3.53	0.03	18	0.57	1292	1	<.01	8	784	61	41	< 20	11	<.01	< 10	30	< 10	< 1	73
619.11	50+00E18+50N	0.6	1.84	81	< 2	47	< 5	0.59	< 1	21	11	27	3.54	0.03	22	0.50	1770	< 1	<.01	12	1409	53	62	< 20	38	0.01	< 10	25	< 10	6	74
619.12	50+00E18+75N	<.2	1.86	47	< 2	28	10	0.11	< 1	12	11	16	3.56	<.01	18	0.52	445	< 1	<.01	8	740	50	53	< 20	6	0.01	< 10	30	< 10	< 1	53
619.13	50+00E19+00N	0.2	1.82	52	< 2	44	19	0.12	< 1	23	10	13	4.06	0.02	20	0.75	1640	< 1	<.01	4	1142	61	55	< 20	12	<.01	12	35	< 10	< 1	64
619.14	50+00E19+25N	0.6	1.92	65	< 2	42	9	0.13	< 1	24	20	53	4.60	0.02	30	0.80	876	< 1	<.01	29	909	58	57	< 20	11	<.01	< 10	26	< 10	5	92
619.15	50+00E19+50N	0.3	2.23	101	< 2	36	15	0.12	< 1	19	13	21	3.71	0.03	29	0.80	1257	< 1	<.01	13	1248	63	67	< 20	11	0.01	< 10	34	10	5	89
619.16	50+00E19+75N	0.2	1.87	59	< 2	21	< 5	0.02	< 1	9	12	9	3.48	0.02	19	0.50	392	< 1	<.01	5	647	48	54	< 20	4	0.01	< 10	34	< 10	< 1	58
619.17	50+00E20+25N	0.9	2.29	15	< 2	41	10	0.15	< 1	22	14	23	4.01	0.02	27	0.69	1871	< 1	<.01	12	857	65	51	24	14	0.01	< 10	31	< 10	2	81
619.18	50+00E20+50N	0.6	2.00	87	5	23	7	0.15	2	25	10	53	4.77	0.02	29	0.85	752	< 1	<.01	20	1123	65	63	< 20	9	0.01	< 10	25	< 10	< 1	78
619.19	50+00E20+75N	0.6	1.48	62	< 2	35	9	0.24	< 1	16	9	24	3.36	0.02	24	0.44	923	4	<.01	9	818	47	25	< 20	20	<.01	< 10	24	< 10	4	78
619.20	50+00E21+00N	0.6	1.62	60	4	31	6	0.26	1	17	14	34	3.41	0.03	41	0.62	986	1	<.01	16	779	51	51	< 20	19	0.01	< 10	24	< 10	17	99

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Se	Sr	Ti%	U	V	W	Y	Zn
619.21	50+00E21+25N	1.1	2.25	116	< 2	23	9	0.05	1	29	12	62	3.99	0.02	29	0.47	1242	< 1	<.01	11	919	67	51	< 20	7	0.02	< 10	32	< 10	2	59
619.22	50+00E21+50N	0.5	1.57	39	< 2	26	12	0.02	< 1	4	5	7	2.56	0.01	13	0.15	108	< 1	<.01	< 1	272	34	42	< 20	5	0.05	< 10	40	< 10	< 1	20
619.23	50+00E21+75N	<.2	1.35	25	< 2	37	< 5	0.26	< 1	8	8	9	3.10	0.02	15	0.37	499	< 1	<.01	3	309	40	35	< 20	18	0.04	< 10	45	< 10	< 1	49
619.24	50+00E22+00N	0.2	1.34	21	< 2	23	10	0.03	< 1	7	6	8	3.21	0.02	15	0.33	315	1	<.01	3	360	40	38	< 20	6	0.07	< 10	44	< 10	2	38
619.25	50+00E22+25N	0.4	1.89	42	< 2	27	12	0.02	< 1	9	16	11	3.69	0.02	18	0.54	929	< 1	<.01	5	368	57	58	26	5	0.05	< 10	98	16	< 1	45
619.26	50+00E22+50N	0.5	2.19	37	< 2	28	16	0.02	< 1	8	18	15	4.11	0.02	19	0.46	401	< 1	<.01	7	502	53	47	< 20	5	0.03	< 10	35	< 10	< 1	49
619.27	50+00E22+75N	0.3	2.16	74	< 2	30	21	0.02	< 1	11	20	19	4.52	0.01	22	0.52	504	< 1	<.01	8	458	53	33	< 20	5	0.04	< 10	45	< 10	< 1	69
619.28	50+00E23+00N	<.2	1.94	67	< 2	36	13	0.02	< 1	10	30	18	4.42	0.01	21	0.53	331	< 1	<.01	12	357	53	58	< 20	5	0.04	< 10	40	< 10	< 1	43
619.29	51+00E16+00N	<.2	1.48	42	< 2	42	12	0.01	< 1	4	6	7	2.35	0.01	13	0.32	173	< 1	<.01	3	455	39	51	< 20	3	<.01	< 10	21	< 10	< 1	26
619.30	51+00E16+25N	0.4	1.63	47	< 2	34	12	0.03	< 1	10	20	9	2.60	0.02	14	0.53	358	< 1	<.01	7	523	47	46	< 20	5	0.01	< 10	24	< 10	< 1	41
619.31	51+00E16+50N	<.2	1.64	72	< 2	25	15	0.02	< 1	11	18	27	3.47	0.02	18	0.36	688	< 1	<.01	8	903	48	60	29	4	0.01	< 10	25	< 10	< 1	106
619.32	51+00E16+75N	0.3	1.86	35	< 2	29	< 5	0.02	< 1	11	18	18	3.22	0.02	17	0.44	847	< 1	<.01	17	791	51	49	< 20	5	0.02	< 10	35	< 10	< 1	99
619.33	51+00E17+00N	<.2	1.85	30	< 2	29	12	0.01	< 1	5	16	7	2.11	0.02	12	0.40	202	< 1	<.01	5	645	45	39	< 20	5	<.01	< 10	21	< 10	< 1	52
619.34	51+00E17+25N	0.2	1.54	37	< 2	20	28	<.01	< 1	5	7	6	3.11	0.02	15	0.27	172	< 1	<.01	1	563	39	40	< 20	4	0.01	< 10	27	< 10	< 1	35
619.35	51+00E17+50N	0.3	1.54	44	< 2	24	6	0.02	< 1	4	11	5	2.46	0.02	13	0.26	122	< 1	<.01	1	738	39	13	< 20	5	<.01	< 10	22	< 10	< 1	29
619.36	51+00E17+75N	0.3	1.73	41	< 2	27	18	0.02	< 1	8	13	11	2.87	0.02	16	0.39	563	< 1	<.01	4	887	48	34	< 20	4	0.01	< 10	23	< 10	< 1	54
619.37	51+00E18+00N	0.2	1.70	13	2	17	9	0.02	< 1	7	10	7	2.68	0.03	13	0.35	1290	< 1	<.01	4	811	40	48	< 20	4	0.02	< 10	32	< 10	< 1	48
619.38	51+00E18+25N	0.6	1.79	39	< 2	28	11	0.01	< 1	5	9	8	2.73	0.02	14	0.34	387	< 1	<.01	4	767	45	44	< 20	4	<.01	< 10	26	< 10	< 1	39
619.39	51+00E18+50N	0.2	1.65	52	< 2	18	12	0.00	< 1	13	17	12	2.47	0.03	15	0.28	209	< 1	<.01	4	871	38	14	< 20	3	0.02	13	21	< 10	6	36
619.40	51+00E18+75N	0.2	1.40	31	3	15	< 5	0.01	< 1	5	11	9	1.75	0.02	10	0.25	220	< 1	<.01	1	747	28	3	< 20	1	<.01	< 10	19	< 10	< 1	29

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
619.41	51+00E19+00N	<.2	1.33	14	3	42	< 5	0.03	< 1	6	13	9	2.98	0.02	11	0.30	520	< 1	<.01	6	599	42	44	< 20	5	0.01	10	24	29	< 1	33
619.42	51+00E19+25N	0.2	1.00	16	< 2	52	9	0.02	< 1	4	11	10	2.41	0.02	< 10	0.18	597	< 1	<.01	6	555	37	48	< 20	6	0.01	< 10	25	< 10	< 1	28
619.43	51+00E19+50N	<.2	1.49	20	3	37	< 5	0.02	< 1	8	17	16	3.68	0.03	13	0.42	655	< 1	<.01	12	633	49	53	< 20	6	0.01	< 10	26	< 10	< 1	55
619.44	51+00E19+75N	<.2	1.47	20	< 2	31	< 5	0.02	< 1	4	12	8	2.77	0.02	11	0.21	96	< 1	<.01	6	413	40	28	< 20	5	0.02	< 10	30	< 10	< 1	20
619.45	51+00E20+25N	<.2	1.67	64	4	37	8	0.06	1	13	19	16	3.70	0.03	14	0.47	900	1	<.01	10	665	57	55	< 20	7	0.05	< 10	33	49	< 1	69
619.46	51+00E20+50N	<.2	1.76	87	4	40	< 5	0.52	2	17	18	19	3.51	0.04	17	0.60	1187	< 1	<.01	16	941	59	66	< 20	29	0.02	< 10	32	< 10	< 1	86
619.47	51+00E20+75N	0.8	2.21	65	6	39	< 5	0.55	2	18	23	32	3.71	0.03	30	0.57	1511	< 1	<.01	20	1124	81	71	< 20	37	0.02	< 10	41	< 10	10	75
619.48	51+00E21+00N	<.2	1.76	25	4	20	12	0.03	< 1	5	14	11	3.40	0.02	13	0.33	269	< 1	<.01	10	498	49	56	< 20	5	0.03	< 10	40	< 10	< 1	42
619.49	51+00E21+25N	<.2	1.11	24	3	26	< 5	0.02	1	5	14	18	3.23	0.01	12	0.31	169	< 1	<.01	6	600	40	62	< 20	6	0.01	< 10	39	< 10	< 1	35
619.50	51+00E21+50N	0.2	2.15	47	4	31	13	0.01	1	12	22	27	4.70	0.02	19	0.65	496	< 1	<.01	14	457	60	93	< 20	4	0.02	< 10	37	< 10	< 1	64
619.51	51+00E21+75N	<.2	1.53	44	5	38	16	0.12	1	9	18	16	3.67	0.02	13	0.48	459	< 1	<.01	16	538	46	77	28	9	0.02	< 10	33	< 10	< 1	53
619.52	51+00E22+00N	0.3	1.94	66	8	31	7	0.63	2	16	23	31	3.53	0.03	33	0.66	1134	2	<.01	16	1078	59	45	< 20	37	0.02	< 10	32	< 10	17	97
619.53	51+00E22+25N	0.2	1.86	75	7	28	< 5	0.08	3	14	20	34	2.86	0.03	36	0.51	1534	< 1	<.01	14	1378	53	63	< 20	48	0.02	< 10	28	< 10	23	74
619.54	51+00E22+50N	<.2	1.16	56	6	37	9	0.07	2	9	14	20	3.51	0.01	13	0.33	187	3	<.01	12	276	38	67	< 20	7	0.03	< 10	34	< 10	< 1	50
619.55	51+00E22+75N	<.2	1.53	45	4	28	< 5	0.01	1	9	15	22	3.08	0.02	19	0.40	279	< 1	<.01	10	435	41	49	23	4	0.01	< 10	29	< 10	< 1	50
619.56	51+00E23+00N	<.2	1.79	10	3	33	< 5	0.03	< 1	12	18	20	4.19	0.01	15	0.50	796	< 1	<.01	12	475	60	81	< 20	4	0.03	< 10	32	< 10	< 1	59
619.57	52+00E16+00N	<.2	1.66	31	3	35	< 5	0.02	< 1	9	19	13	3.45	0.03	12	0.47	654	< 1	<.01	12	827	45	69	< 20	5	<.01	< 10	25	< 10	< 1	45
619.58	52+00E16+25N	0.2	1.52	41	3	33	< 5	0.02	< 1	8	17	12	2.99	0.03	11	0.45	1000	< 1	<.01	8	834	44	41	21	3	0.01	< 10	24	< 10	< 1	46
619.59	52+00E16+50N	<.2	1.29	23	4	22	< 5	0.01	< 1	4	16	7	1.87	0.02	< 10	0.38	484	< 1	<.01	4	698	40	41	< 20	4	0.01	< 10	22	< 10	< 1	33
619.60	52+00E16+75N	<.2	1.53	18	4	20	< 5	0.01	1	8	18	12	2.97	0.02	12	0.41	948	3	<.01	6	778	50	30	< 20	3	0.01	< 10	26	< 10	< 1	47

TECK EXPLORATIONS LTD.
ETK 89-619A
Page 4
September 1, 1989

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
619.61	52+00E 17+00N	<.2	1.80	46	3	25	8	0.01	< 1	4	22	13	2.58	0.02	11	0.36	227	< 1	<.01	10	449	47	47	< 20	3	0.02	< 10	26	< 10	< 1	40
619.62	52+00E 17+25N	<.2	1.61	13	4	31	7	0.02	1	10	19	14	3.12	0.03	11	0.42	1143	< 1	<.01	10	612	52	46	< 20	4	0.02	< 10	26	< 10	< 1	54
619.63	52+00E 17+50N	<.2	2.03	12	3	29	< 5	0.02	< 1	7	22	9	2.93	0.02	12	0.44	389	< 1	<.01	12	520	48	46	< 20	4	0.02	< 10	27	< 10	< 1	44
619.64	52+00E 17+75N	<.2	1.86	119	4	40	< 5	0.05	2	11	37	19	3.02	0.04	14	0.81	838	< 1	<.01	22	904	60	68	< 20	35	0.02	11	26	16	4	101
619.65	52+00E 18+00N	<.2	1.71	48	4	25	< 5	0.05	< 1	3	20	8	2.35	0.02	< 10	0.31	138	< 1	<.01	10	555	45	45	< 20	6	0.01	< 10	23	< 10	< 1	29
619.66	52+00E 18+25N	<.2	1.51	22	< 2	23	< 5	0.03	< 1	6	17	10	2.78	0.02	10	0.35	446	< 1	<.01	4	702	43	49	< 20	4	0.01	< 10	29	< 10	< 1	40
619.67	52+00E 18+50N	<.2	1.93	42	3	25	< 5	0.01	< 1	5	20	11	3.00	0.02	11	0.36	166	< 1	<.01	4	671	53	32	< 20	2	<.01	< 10	23	28	< 1	39
619.68	52+00E 18+75N	<.2	1.50	47	4	39	8	0.50	2	9	24	16	2.86	0.04	11	0.47	916	< 1	<.01	8	885	50	46	< 20	34	<.01	< 10	22	< 10	< 1	120
619.69	52+00E 19+00N	0.2	1.14	23	5	16	5	0.02	1	4	11	7	2.04	0.03	< 10	0.24	359	< 1	<.01	10	711	35	41	< 20	4	0.01	< 10	21	< 10	< 1	33
619.70	52+00E 19+25N	0.2	1.37	< 5	3	123	7	0.09	< 1	13	9	10	2.88	0.04	12	0.40	1861	< 1	<.01	6	1000	51	63	< 20	13	<.01	< 10	21	< 10	< 1	45
619.71	52+00E 19+50N	<.2	1.38	33	4	106	14	0.08	1	16	11	16	3.51	0.05	19	0.48	1639	< 1	<.01	12	786	55	75	< 20	11	<.01	< 10	22	< 10	< 1	53
619.72	52+00E 19+75N	<.2	1.54	37	5	79	17	0.20	< 1	13	11	19	3.21	0.05	13	0.57	1278	< 1	<.01	10	602	57	51	< 20	13	<.01	< 10	20	< 10	< 1	50

NOTE: < = less than

cc: [redacted]
c/o Peuberton Helicopters
Box 579
Peuberton, B.C.
V0N 1L0

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

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

AUGUST 30, 1989

CERTIFICATE OF ANALYSIS ETK 89-628

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 35 SOIL samples received August 18, 1989
PROJECT: 1366
SHIPMENT #11

ET#	Description	Au (ppb)	Hg (ppb)
628 - 1	BL 20 + 00 N 50 + 25 E	10	115
628 - 2	BL 20 + 00 N 50 + 50 E	65	100
628 - 3	BL 20 + 00 N 50 + 75 E	<5	80
628 - 4	BL 20 + 00 N 51 + 25 E	10	70
628 - 5	BL 20 + 00 N 51 + 50 E	20	65
628 - 6	BL 20 + 00 N 51 + 75 E	15	40
628 - 7	BL 20 + 00 N 52 + 25 E	5	60
628 - 8	BL 20 + 00 N 52 + 50 E	75	40
628 - 9	BL 20 + 00 N 52 + 75 E	15	45
628 - 10	BL 20 + 00 N 53 + 25 E	5	40
628 - 11	BL 20 + 00 N 53 + 50 E	<5	70
628 - 12	BL 20 + 00 N 53 + 75 E	10	65
628 - 13	BL 20 + 00 N 54 + 25 E	10	70
628 - 14	BL 20 + 00 N 54 + 50 E	30	80
628 - 15	BL 20 + 00 N 54 + 75 E	15	50
628 - 16	BL 20 + 00 N 55 + 25 E	10	65
628 - 17	BL 20 + 00 N 55 + 50 E	20	50
628 - 18	BL 20 + 00 N 55 + 75 E	<5	55
628 - 19	BL 20 + 00 N 60 + 00 E	25	60
628 - 20	L 59 + 00 N 16 + 00 N	30	80
628 - 21	L 59 + 00 N 16 + 25 N	25	50
628 - 22	L 59 + 00 N 16 + 50 N	<5	450
628 - 23	L 59 + 00 N 16 + 75 N	10	80
628 - 24	L 59 + 00 N 17 + 00 N	<5*	210
628 - 25	L 59 + 00 N 17 + 25 N	5	180
628 - 26	L 59 + 00 N 17 + 50 E	10	50
628 - 27	L 59 + 00 N 17 + 75 E	25	60
628 - 28	L 59 + 00 N 18 + 00 E	15	30
628 - 29	L 59 + 00 N 18 + 25 E	10*	70
628 - 30	L 59 + 00 N 18 + 50 E	15*	100

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

K EXPLORATIONS LTD. AUGUST 30, 1989

	Description	Au (ppb)	Hg (ppb)
1 - 3	L 59 + 00 N 18 + 75 E	10	110
1 - 3..	L 59 + 00 N 19 + 00 E	<5	55
1 - 3..	L 59 + 00 N 19 + 25 E	10*	60
3 - 3..	L 59 + 00 N 19 + 50 E	5	75
3 - 3..	L 59 + 00 N 19 + 75 E	10	70

TE: < = less than
* - 3.. MESH

Douglas Howard

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assa er

X: FRED DALEY
89/TEC..E

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
September 15, 1989

TECK EXPLORATIONS INC.
960 - 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Daley

CERTIFICATE OF ANALYTIS ETK 89-620A
35 Soil Samples, received August 18/89
Project # 1366
Shipment # 11
All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
620.1	BL20+00N50+75E	<.2	1.19	67	3	26	31	0.10	< 1	17	25	12	3.09	0.02	11	0.41	691	3	<.01	14	530	41	< 5	< 20	3	0.02	< 10	26	20	3	31
620.2	BL20+00N50+50E	0.4	1.88	82	3	42	10	0.10	2	33	27	31	3.66	0.02	30	0.53	1663	2	<.01	21	1370	67	< 5	< 20	14	0.01	< 10	24	30	14	86
620.3	BL20+00N50+75E	<.2	1.25	60	3	40	10	0.02	< 1	15	24	14	3.21	0.02	11	0.39	801	< 1	<.01	13	445	44	< 5	< 20	3	0.03	< 10	34	< 10	< 1	58
620.4	BL20+00N51+75E	<.2	1.14	44	2	43	14	0.04	< 1	14	15	15	3.15	0.03	13	0.27	524	< 1	<.01	10	825	38	< 5	< 20	5	0.01	< 10	23	< 10	< 1	57
620.5	BL20+00N51+50E	<.2	1.47	44	2	30	13	0.03	< 1	9	15	10	2.33	0.01	11	0.19	180	< 1	<.01	6	580	36	< 5	< 20	4	<.01	< 10	24	< 10	< 1	36
620.6	BL20+00N51+75E	<.2	1.40	70	3	61	13	0.05	< 1	20	15	14	3.24	0.02	11	0.50	1133	< 1	<.01	9	421	53	< 5	< 20	5	0.04	< 10	23	< 10	1	57
620.7	BL20+00N52+75E	<.2	1.56	25	3	38	12	0.01	< 1	12	17	13	2.88	0.01	13	0.19	265	< 1	<.01	7	471	41	< 5	< 20	3	<.01	< 10	26	< 10	< 1	36
620.8	BL20+00N52+50E	<.2	1.32	67	3	100	19	0.21	< 1	22	16	18	3.60	0.03	13	0.53	2140	< 1	<.01	13	821	54	< 5	< 20	18	<.01	< 10	21	20	< 1	65
620.9	BL20+00N52+75E	<.2	1.13	41	< 2	49	20	0.01	< 1	11	11	13	3.14	0.02	16	0.27	457	< 1	<.01	7	986	40	< 5	< 20	4	<.01	< 10	19	< 10	< 1	46
620.10	BL20+00N53+75E	<.2	1.02	19	2	51	12	0.02	< 1	6	9	5	1.79	<.01	< 10	0.15	107	< 1	<.01	3	273	36	< 5	< 20	3	0.01	< 10	22	< 10	< 1	24
620.11	BL20+00N53+50E	<.2	0.90	23	< 2	35	14	0.03	< 1	13	11	17	3.67	0.02	14	0.22	271	< 1	<.01	9	518	36	< 5	< 20	4	<.01	< 10	19	< 10	< 1	51
620.12	BL20+00N53+75E	<.2	1.22	34	< 2	45	12	0.02	< 1	13	14	15	3.50	0.02	18	0.51	673	< 1	<.01	12	853	45	< 5	< 20	5	<.01	< 10	19	18	< 1	49
620.13	BL20+00N54+75E	<.2	0.87	29	< 2	21	13	<.01	< 1	9	11	14	2.70	0.01	< 10	0.10	122	< 1	<.01	6	620	28	< 5	< 20	3	<.01	< 10	18	< 10	< 1	50
620.14	BL20+00N54+50E	<.2	0.68	20	2	25	< 5	0.02	< 1	8	10	8	2.08	0.01	< 10	0.12	226	< 1	<.01	4	526	23	< 5	< 20	2	<.01	< 10	15	27	< 1	31
620.15	BL20+00N54+75E	<.2	0.64	32	3	27	17	<.01	< 1	8	11	12	2.11	<.01	< 10	0.10	621	< 1	<.01	3	821	24	< 5	< 20	3	<.01	< 10	17	16	< 1	27
620.16	BL20+00N55+75E	<.2	0.99	52	3	22	10	<.01	< 1	9	14	8	2.39	0.01	< 10	0.16	528	< 1	<.01	4	842	28	< 5	< 20	2	<.01	< 10	20	< 10	< 1	39
620.17	BL20+00N55+50E	<.2	1.64	85	2	70	19	<.01	< 1	13	24	19	4.07	<.01	15	0.34	290	< 1	<.01	15	553	42	< 5	< 20	2	0.01	< 10	28	43	< 1	5
620.18	BL20+00N55+75E	<.2	0.93	40	< 2	17	9	<.01	< 1	9	14	10	2.20	<.01	< 10	0.13	106	< 1	<.01	8	287	26	< 5	< 20	1	<.01	< 10	26	< 10	< 1	3
620.19	BL20+00N60+00E	<.2	1.19	14	2	36	13	0.05	< 1	12	70	20	3.12	0.02	11	0.43	174	< 1	<.01	32	256	42	< 5	< 20	4	0.02	< 10	37	< 10	< 1	4
620.20	L 59+00E 16+00N	<.2	1.54	84	3	53	17	0.09	< 1	14	50	21	3.94	0.01	14	0.36	244	< 1	<.01	21	264	53	< 5	< 20	6	0.07	< 10	39	20	3	4

TECK EXPLORATIONS INC.
ETK 89-620A
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September 15, 1989

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
620.21	59+00E 16+25N	<.2	1.21	61	3	53	19	0.19	< 1	12	44	16	3.99	0.01	15	0.31	169	< 1	<.01	14	207	45	< 5	< 20	12	0.09	< 10	45	< 10	< 1	41
620.22	59+00E 16+50N	0.9	0.92	33	10	44	< 5	1.00	< 1	11	46	40	0.67	0.03	13	0.10	1707	< 1	0.02	15	971	31	< 5	< 20	94	<.01	< 10	9	< 10	10	59
620.23	59+00E 16+75N	<.2	0.60	13	12	43	13	2.99	< 1	12	20	42	0.55	0.03	< 10	0.13	810	< 1	0.04	17	934	19	< 5	< 20	153	<.01	< 10	7	< 10	6	44
620.24	59+00E 17+00N	<.2	0.87	40	4	35	9	0.64	1	11	33	18	1.04	0.02	< 10	0.26	205	< 1	<.01	11	267	34	< 5	< 20	36	0.03	< 10	20	< 10	3	68
620.25	59+00E 17+25N	<.2	0.85	61	2	34	15	0.42	1	10	37	14	2.00	0.02	< 10	0.26	162	< 1	<.01	14	209	34	< 5	< 20	25	0.03	< 10	21	< 10	2	30
620.26	59+00E 17+50N	0.3	0.64	25	10	22	< 5	3.27	< 1	9	9	37	0.20	0.02	< 10	0.08	117	< 1	0.03	4	599	21	< 5	< 20	148	<.01	< 10	6	< 10	7	41
620.27	59+00E 17+75N	0.5	0.62	21	10	22	< 5	3.19	< 1	10	15	36	0.36	0.02	< 10	0.07	120	< 1	0.03	12	581	21	< 5	< 20	144	<.01	< 10	6	< 10	6	41
620.28	59+00E 18+00N	<.2	0.91	13	< 2	19	9	0.14	< 1	9	22	8	2.03	0.01	< 10	0.15	129	< 1	<.01	8	200	35	< 5	< 20	8	0.03	< 10	30	< 10	< 1	27
620.29	59+00E 18+25N	0.3	0.80	14	12	38	14	2.90	< 1	9	20	46	0.70	0.02	11	0.24	1161	2	0.05	14	720	29	< 5	< 20	134	<.01	< 10	9	< 10	8	59
620.30	59+00E 18+50N	<.2	0.88	21	3	44	14	0.22	< 1	10	44	15	2.79	0.02	< 10	0.29	181	< 1	<.01	13	371	37	< 5	< 20	12	0.04	< 10	41	< 10	< 1	35
620.31	59+00E 18+75N	0.7	0.91	66	12	49	12	3.93	3	37	14	39	1.69	0.04	16	0.16	3605	2	0.06	17	922	34	< 5	< 20	219	<.01	< 10	8	< 10	12	69
620.32	59+00E 19+00N	0.3	0.99	70	6	12	11	0.95	1	12	23	44	1.29	0.02	11	0.45	365	1	<.01	9	968	45	< 5	< 20	50	0.02	< 10	18	14	18	74
620.33	59+00E 19+25N	<.2	0.37	15	11	14	12	2.56	< 1	8	9	15	0.68	0.02	< 10	0.14	104	2	0.03	4	401	25	< 5	< 20	151	<.01	< 10	8	< 10	2	41
620.34	59+00E 19+50N	0.3	0.87	46	5	12	6	2.05	1	10	8	33	0.82	<.01	15	0.10	164	1	<.01	4	418	22	< 5	< 20	121	0.02	< 10	14	< 10	10	31
620.35	59+00E 19+75N	0.6	1.07	56	3	27	19	0.14	< 1	35	24	44	1.84	0.02	20	0.14	765	5	<.01	9	353	46	< 5	< 20	12	0.03	< 10	18	< 10	12	41

NOTE: < = less than

cc: Jean Pautler
c/o Prabertan Helicopters
Box 579
Prabertan, B.C.
V0N 1L0

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

Sept 5/89

ECO-TECH LABORATORIES LTD.

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

SEPTEMBER 1, 1989

CERTIFICATE OF ANALYSIS ETK 89-629

(PLORATIONS LTD.
'5 SECOND AVENUE
'S, B.C.

ION: FRED DALEY

IDENTIFICATION: 41 SOIL samples received August 18, 1989
PROJECT: 1366
SHIPMENT #11

	Description	Au (ppb)	Hg (ppb)
1	L 57 + 00 E 16 + 00 N	15	480
2	L 57 + 00 E 16 + 25 N	25	205
3	L 57 + 00 E 16 + 50 N	10	125
4	L 57 + 00 E 16 + 75 N	15	80
5	L 57 + 00 E 17 + 00 N	5	100
6	L 57 + 00 E 17 + 25 N	30	100
7	L 57 + 00 E 17 + 50 N	15	130
8	L 57 + 00 E 17 + 75 N	15	65
9	L 57 + 00 E 18 + 00 N	45	130
10	L 57 + 00 E 18 + 25 N	55	110
11	L 57 + 00 E 18 + 50 N	5	50
12	L 57 + 00 E 18 + 75 N	10	75
13	L 57 + 00 E 19 + 00 N	10	110
14	L 57 + 00 E 19 + 25 N	30	115
15	L 57 + 00 E 19 + 50 N	10	80
16	L 57 + 00 E 19 + 75 N	5	110
17	L 57 + 00 E 20 + 00 N	5	110
18	L 57 + 00 E 20 + 25 N	5	115
19	L 57 + 00 E 20 + 50 N	10	115
20	L 57 + 00 E 20 + 75 N	15	85
21	L 57 + 00 E 21 + 00 N	15	85
22	L 57 + 00 E 21 + 25 N	200	105
23	L 57 + 00 E 21 + 50 N	10	70
24	L 57 + 00 E 21 + 75 N	5	60
25	L 57 + 00 E 22 + 00 N	5	75
26	L 57 + 00 E 22 + 25 N	15	115
27	L 57 + 00 E 22 + 50 N	5	80
28	L 57 + 00 E 22 + 75 N	5	70
29	L 57 + 00 E 23 + 00 N	5	75
30	50 E 15 + 00 N	15	75

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

[illegible] LTD. - ETK89-629

ET#	Description		Au (ppb)	Hg (ppb)
629 - [illegible]	50 E	15 + 25 N	5	85
629 - [illegible]	50 E	15 + 50 N	20	80
629 - [illegible]	50 E	15 + 75 N	10	60
629 - [illegible]	51 E	15 + 0 N	15	60
629 - [illegible]	51 E	15 + 25 N	10	45
629 - [illegible]	51 E	15 + 50 N	15	40
629 - [illegible]	51 E	15 + 75 N	20	50
629 - [illegible]	52 E	15 + 0 N	10	50
629 - [illegible]	52 E	15 + 25 N	30	95
629 - [illegible]	52 E	15 + 50 N	15	80
629 - [illegible]	52 E	15 + 75 N	15	100

NOTE: = less than

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

cc: JEAN [illegible]
PEMBERTON HELICOPTERS
BOX [illegible]
PEMBERTON, B.C.
V0N [illegible]

SCB9/TEN 5

TECK EXPLORATIONS LTD.
ETK 89-629A
Page 2
September 1, 1989

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
629.21	S7+00E21+00N	<.2	1.38	52	< 2	37	< 5	<.01	2	8	13	14	3.33	0.02	16	0.34	186	< 1	<.01	8	326	34	19	< 20	2	0.02	< 10	29	11	< 1	37
629.22	S7+00E21+25N	<.2	1.40	35	3	56	< 5	0.08	< 1	15	23	22	3.64	0.02	18	0.46	439	< 1	<.01	25	330	40	50	< 20	8	0.03	< 10	26	< 10	< 1	57
629.23	S7+00E21+50N	<.2	0.80	24	< 2	41	< 5	0.21	< 1	5	< 1	7	2.35	0.01	11	0.11	165	< 1	<.01	< 1	270	20	25	< 20	13	0.01	< 10	28	< 10	< 1	35
629.24	S7+00E21+75N	<.2	0.73	6	< 2	21	8	<.01	2	5	< 1	8	2.27	<.01	11	0.10	110	< 1	<.01	< 1	331	14	17	< 20	2	<.01	< 10	22	< 10	< 1	22
629.25	S7+00E22+00N	0.3	0.92	< 5	< 2	22	9	0.02	1	5	< 1	7	2.42	<.01	11	0.14	159	< 1	<.01	1	372	19	28	< 20	3	0.01	< 10	24	< 10	< 1	26
629.26	S7+00E22+25N	0.7	1.67	127	2	40	< 5	0.48	1	9	12	13	2.56	0.02	16	0.28	2147	< 1	<.01	10	718	38	24	< 20	26	0.03	< 10	24	< 10	4	69
629.27	S7+00E22+50N	<.2	0.92	48	< 2	25	5	0.05	2	8	1	16	3.82	0.01	17	0.19	183	< 1	<.01	4	382	26	36	< 20	4	0.01	< 10	27	< 10	< 1	38
629.28	S7+00E22+75N	<.2	0.85	45	< 2	18	12	0.02	1	5	< 1	9	2.55	<.01	12	0.13	103	< 1	<.01	< 1	272	21	26	< 20	3	0.01	< 10	27	< 10	< 1	29
629.29	S7+00E23+00N	<.2	0.51	35	< 2	29	< 5	0.02	< 1	2	< 1	5	1.37	<.01	< 10	0.02	36	< 1	<.01	< 1	261	9	10	< 20	4	<.01	< 10	17	< 10	< 1	20
629.30	50 E 15+00N	<.2	1.64	38	4	34	11	<.01	< 1	12	15	16	3.48	0.02	17	0.40	728	< 1	<.01	8	856	40	29	< 20	3	0.01	< 10	29	< 10	< 1	52
629.31	50 E 15+25N	<.2	1.46	55	3	48	7	0.02	1	8	4	13	2.75	0.02	14	0.38	484	< 1	<.01	3	775	36	51	< 20	3	0.01	< 10	22	< 10	< 1	47
629.32	50 E 15+50N	<.2	1.51	42	< 2	44	8	0.02	< 1	10	6	17	3.25	0.03	17	0.34	1088	< 1	<.01	6	930	36	39	< 20	3	0.01	< 10	25	< 10	< 1	51
629.33	50 E 15+75N	<.2	1.83	37	< 2	27	13	<.01	< 1	9	9	14	2.57	0.01	15	0.36	437	< 1	<.01	6	580	38	33	< 20	4	0.01	< 10	20	< 10	< 1	43
629.34	51 E 15+00N	<.2	1.61	61	< 2	23	< 5	<.01	< 1	6	9	10	2.73	0.02	14	0.35	215	< 1	<.01	4	655	32	36	< 20	1	0.01	< 10	20	< 10	< 1	35
629.35	51 E 15+25N	0.2	1.35	24	2	22	< 5	<.01	< 1	8	6	7	2.02	0.02	11	0.29	571	< 1	<.01	1	606	29	29	< 20	3	0.02	< 10	27	< 10	< 1	25
629.36	51 E 15+50N	0.3	1.10	39	3	23	9	0.07	< 1	15	224	8	1.94	0.04	< 10	0.36	560	< 1	<.01	129	1190	38	34	< 20	4	0.02	12	28	< 10	3	49
629.37	51 E 15+75N	<.2	1.66	34	3	63	< 5	<.01	< 1	10	7	12	2.89	0.02	15	0.37	486	< 1	<.01	4	796	36	25	< 20	2	0.01	< 10	21	< 10	< 1	47
629.38	52 E 15+00N	<.2	1.50	13	< 2	30	12	<.01	< 1	5	5	9	2.66	0.01	13	0.22	319	< 1	<.01	< 1	724	28	19	< 20	3	<.01	< 10	24	< 10	< 1	25
629.39	52 E 15+25N	<.2	1.63	39	3	28	< 5	0.03	< 1	6	8	11	2.45	0.03	13	0.32	315	< 1	<.01	< 1	569	33	26	< 20	4	0.01	< 10	25	< 10	< 1	34
629.40	52 E 15+50N	<.2	1.63	152	5	49	< 5	0.21	1	14	17	23	3.21	0.03	22	0.64	776	< 1	<.01	20	836	43	51	23	16	0.01	< 10	21	< 10	16	73
629.41	52 E 15+75N	<.2	1.61	184	6	41	11	0.45	1	18	24	29	3.59	0.03	26	0.72	904	< 1	<.01	17	893	46	60	< 20	29	0.01	< 10	26	< 10	14	110

NOTE: < = Less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

cc: Jean Pautler
c/o Pemberton Helicopters
Box 579
Pemberton, B.C.
V0N 2L0

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
September 1, 1989

TECK EXPLORATIONS LTD.
960 - 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Daley

CERTIFICATE OF ANALYSIS ETK 89-629A
41 Soil Samples, received August 18/89
Project # 1633
Shipment # 11
All values in PPM unless otherwise reported

TK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
29.1	57+00E16+00N	<.2	1.74	97	< 2	35	25	0.91	< 1	22	39	42	3.93	0.02	25	0.43	247	1	0.01	20	312	43	62	< 20	48	0.05	< 10	21	< 10	13	61
29.2	57+00E16+25N	1.2	1.55	88	4	19	< 5	1.57	1	14	49	103	1.90	0.02	23	0.33	1529	< 1	<.01	15	1310	35	44	< 20	78	0.02	< 10	19	< 10	21	45
29.3	57+00E16+50N	0.2	1.12	138	2	41	< 5	1.10	1	25	24	81	3.46	0.02	20	0.44	2199	4	<.01	42	798	35	74	< 20	58	0.01	< 10	19	< 10	4	107
29.4	57+00E16+75N	<.2	0.98	110	3	33	< 5	0.71	1	11	18	33	2.94	0.02	15	0.32	520	2	<.01	17	307	29	49	< 20	45	0.03	< 10	31	< 10	< 1	70
29.5	57+00E17+00N	0.6	1.00	128	5	21	< 5	1.07	1	10	11	68	1.77	0.02	14	0.29	1064	2	<.01	13	633	23	33	< 20	63	0.03	< 10	20	< 10	7	52
29.6	57+00E17+25N	<.2	1.30	106	4	33	< 5	0.11	1	11	23	29	3.27	0.02	20	0.37	281	2	<.01	21	449	34	34	28	10	0.02	< 10	27	< 10	4	69
29.7	57+00E17+50N	0.3	1.59	135	< 2	63	< 5	0.36	1	18	30	37	3.42	0.03	20	0.53	2382	< 1	<.01	28	590	45	54	< 20	28	0.02	< 10	27	< 10	5	98
29.8	57+00E17+75N	<.2	1.09	11	2	31	9	0.03	< 1	6	8	11	2.19	0.01	11	0.31	283	< 1	<.01	6	259	24	26	< 20	4	0.02	< 10	32	< 10	< 1	35
29.9	57+00E18+00N	<.2	0.86	208	< 2	58	9	0.10	< 1	18	4	87	6.48	0.02	28	0.22	606	< 1	<.01	10	1268	40	46	< 20	6	0.04	< 10	29	< 10	< 1	55
29.10	57+00E18+25N	0.2	1.92	93	< 2	36	< 5	0.11	< 1	15	16	56	4.08	0.03	19	0.52	697	< 1	<.01	17	1820	45	36	< 20	6	0.03	< 10	29	< 10	< 1	66
29.11	57+00E18+50N	<.2	0.37	16	3	17	< 5	0.07	< 1	3	< 1	5	0.61	0.02	< 10	0.07	162	< 1	<.01	< 1	334	7	12	< 20	3	0.02	< 10	10	< 10	< 1	15
29.12	57+00E18+75N	<.2	1.32	26	< 2	26	6	0.03	< 1	5	8	10	2.45	0.02	12	0.31	183	< 1	<.01	1	599	26	46	< 20	4	0.02	< 10	28	< 10	< 1	34
29.13	57+00E19+00N	<.2	1.22	54	2	32	13	0.05	< 1	8	13	15	3.65	0.02	17	0.37	215	< 1	<.01	7	1097	30	53	< 20	5	0.03	< 10	42	21	< 1	38
29.14	57+00E19+25N	<.2	1.43	53	< 2	35	< 5	0.03	1	8	13	20	4.12	0.01	18	0.45	203	< 1	<.01	8	929	36	65	21	4	0.03	< 10	42	< 10	< 1	42
29.15	57+00E19+50N	<.2	1.26	32	3	25	13	0.03	< 1	6	10	14	3.23	0.01	15	0.29	192	< 1	<.01	4	863	30	39	< 20	4	0.04	< 10	35	< 10	< 1	35
29.16	57+00E19+75N	<.2	1.28	14	4	32	< 5	0.02	1	10	15	21	4.09	0.01	18	0.44	373	< 1	<.01	11	854	35	49	< 20	4	0.05	< 10	38	< 10	< 1	44
29.17	57+00E20+00N	<.2	1.59	40	3	24	< 5	0.03	1	7	32	14	3.36	0.01	16	0.45	230	< 1	<.01	15	620	26	46	< 20	3	0.02	< 10	30	< 10	< 1	43
29.18	57+00E20+25N	0.4	1.67	82	3	41	21	0.63	1	11	23	17	2.99	0.02	16	0.50	1798	< 1	<.01	15	615	43	53	< 20	64	0.03	< 10	26	< 10	< 1	54
29.19	57+00E20+50N	<.2	1.37	60	< 2	44	< 5	0.05	2	8	17	15	3.87	0.01	18	0.27	331	< 1	<.01	11	459	32	59	< 20	6	0.02	< 10	30	< 10	< 1	51
29.20	57+00E20+75N	<.2	1.36	51	3	28	9	<.01	1	7	16	10	3.57	0.01	16	0.38	264	< 1	<.01	8	564	33	37	< 20	2	0.03	< 10	33	< 10	< 1	38

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

SEPTEMBER 6, 1989

CERTIFICATE OF ANALYSIS ETK 89-630

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

Captain's Grid.

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 41 SOIL samples received August 18, 1989
PROJECT: 1366
SHIPMENT #11

ET#	Description	Au (ppb)	Hg (ppb)
630 - 1	BL 20 + 00 N 56 + 25 E	15	145
630 - 2	BL 20 + 00 N 56 + 50 E	15	160
630 - 3	BL 20 + 00 N 56 + 75 E	5	145
630 - 4	BL 20 + 00 N 57 + 25 E	15	100
630 - 5	BL 20 + 00 N 57 + 50 E	15	100
630 - 6	BL 20 + 00 N 57 + 75 E	20	155
630 - 7	BL 20 + 00 N 58 + 00 E	25	105
630 - 8	BL 20 + 00 N 58 + 25 E	5	95
630 - 9	BL 20 + 00 N 59 + 25 E	20	130
630 - 10	BL 20 + 00 N 59 + 50 E	20	220
630 - 11	BL 20 + 00 N 59 + 75 E	35	130
630 - 12	L 56 + 00 E 20 + 25 N	25	115
630 - 13	L 56 + 00 E 20 + 50 N	5	110
630 - 14	L 56 + 00 E 20 + 75 N	10	125
630 - 15	L 56 + 00 E 21 + 00 N	5	100
630 - 16	L 56 + 00 E 21 + 25 N	10	135
630 - 17	L 56 + 00 E 21 + 50 N	10	95
630 - 18	L 56 + 00 E 21 + 75 N	10	95
630 - 19	L 56 + 00 E 22 + 00 N	15	80
630 - 20	L 56 + 00 E 22 + 25 N	10	70
630 - 21	L 56 + 00 E 22 + 50 N	25	100
630 - 22	L 56 + 00 E 22 + 75 N	10	80
630 - 23	L 56 + 00 E 23 + 00 N	5	20
630 - 24	L 58 + 00 E 16 + 00 N	20	85
630 - 25	L 58 + 00 E 16 + 25 N	10	100
630 - 26	L 58 + 00 E 16 + 50 N	25	75
630 - 27	L 58 + 00 E 16 + 75 N	35	65
630 - 28	L 58 + 00 E 17 + 00 N	15	80
630 - 29	L 58 + 00 E 17 + 25 N	20	80
630 - 30	L 58 + 00 E 17 + 50 N	5	90

ECO-TECH LABORATORIES LTD.
ASSAYING · ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 3J3 (604) 573-5700 Fax 573-4557

ORATIONS LTD. SEPTEMBER , 1989

	Description	Au (ppb)	Mo (ppb)
31	L 58 + 00 E 17 + 75 N	10	80
32	L 58 + 00 E 18 + 00 N	5	85
33	L 58 + 00 E 18 + 25 N	35	85
34	L 58 + 00 E 18 + 50 N	10	100
35	L 58 + 00 E 18 + 75 N	50	80
36	L 58 + 00 E 19 + 00 N	25	90
37	L 58 + 00 E 19 + 25 N	35	85
38	L 58 + 00 E 19 + 50 N	10	50
39	L 58 + 00 E 19 + 75 N	5	30
40	BL 20 + 00 N 58 + 50 E	25	85
41	BL 20 + 00 N 58 + 75 E	5	100

< = less than

ECO-TECH LABORA LTD.
DOUG HOWARD
B.C. Certified r

EAN PAUTLER
EMBERTON HELICOPTERS
OX 579
EMBERTON, B.C.
ON 1C0
TECK5

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
September 1, 1989

TECK EXPLORATIONS LTD.
960 - 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Daley

CERTIFICATE OF ANALYSIS ETK 89-630A
41 Soil Samples, received August 18/89
Project # 1633
Shipment # 11
All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
630.1	20+00N56+25E	<.2	1.58	67	< 2	22	5	0.05	< 1	20	246	12	3.60	0.01	16	0.30	225	< 1	<.01	300	469	52	60	< 20	2	0.01	18	38	19	< 1	51
630.2	20+00N56+50E	0.3	1.88	106	< 2	39	14	<.01	1	21	370	23	4.26	0.02	18	0.69	455	< 1	<.01	382	981	67	70	< 20	2	<.01	17	42	11	< 1	65
630.3	20+00N56+75E	<.2	1.90	78	3	37	< 5	<.01	< 1	16	260	14	3.47	0.02	15	0.41	552	< 1	<.01	316	610	57	51	< 20	2	0.01	15	35	36	< 1	55
630.4	20+00N57+25E	<.2	2.20	139	2	40	14	0.02	2	21	288	48	4.76	0.02	19	0.65	443	< 1	<.01	344	1252	67	82	< 20	4	0.03	18	41	15	< 1	79
630.5	20+00N57+50E	<.2	1.71	81	2	27	13	0.01	< 1	17	250	23	3.78	0.01	15	0.47	314	< 1	<.01	318	669	56	66	< 20	4	0.05	17	45	< 10	< 1	59
630.6	20+00N57+75E	<.2	1.97	72	< 2	30	< 5	0.02	1	22	356	28	4.80	0.03	19	0.47	477	< 1	<.01	387	1549	61	58	26	5	0.05	20	48	< 10	< 1	73
630.7	20+00N58+00E	<.2	1.37	74	3	17	< 5	0.01	1	12	199	8	2.33	0.01	< 10	0.24	196	< 1	<.01	202	461	41	44	< 20	3	0.05	< 10	41	19	< 1	42
630.8	20+00N58+25E	<.2	1.14	63	< 2	25	< 5	0.01	< 1	11	145	10	1.98	0.01	< 10	0.23	202	< 1	<.01	249	342	37	34	< 20	4	0.02	13	28	14	< 1	36
630.9	20+00N59+25E	0.5	2.19	251	4	39	19	0.29	1	24	259	43	3.31	0.02	20	1.09	753	10	<.01	340	648	68	74	< 20	23	0.02	12	39	22	10	101
630.10	20+00N59+50E	0.4	2.92	177	3	36	5	0.04	1	22	423	34	4.29	0.01	20	0.39	295	< 1	<.01	423	514	73	80	< 20	7	0.05	18	35	< 10	< 1	73
630.11	20+00N59+75E	<.2	2.09	133	3	34	16	0.01	2	23	357	23	4.60	0.01	19	0.71	484	< 1	<.01	381	478	69	72	< 20	3	0.07	14	47	< 10	< 1	72
630.12	56+00E20+25N	<.2	1.39	68	< 2	37	< 5	0.03	1	20	277	20	3.66	0.02	18	0.40	576	< 1	<.01	336	703	55	66	< 20	3	0.01	14	25	< 10	< 1	91
630.13	56+00E20+50N	<.2	1.41	77	< 2	30	< 5	<.01	1	14	196	17	3.28	0.01	14	0.25	197	< 1	<.01	278	452	49	47	< 20	3	<.01	10	32	< 10	< 1	53
630.14	56+00E20+75N	<.2	1.52	84	3	24	< 5	<.01	< 1	14	204	15	2.94	0.02	13	0.25	444	< 1	<.01	283	836	45	39	< 20	2	<.01	13	28	< 10	< 1	59
630.15	56+00E21+00N	0.4	1.56	25	2	21	12	<.01	< 1	12	111	13	2.51	0.02	12	0.26	511	< 1	<.01	223	1165	47	36	< 20	2	<.01	11	27	< 10	< 1	45
630.16	56+00E21+25N	<.2	1.03	88	< 2	25	< 5	0.01	< 1	12	136	11	3.10	0.01	14	0.22	321	< 1	<.01	238	951	43	45	< 20	2	<.01	18	27	16	< 1	45
630.17	56+00E21+50N	0.3	0.81	48	< 2	32	< 5	<.01	1	15	142	18	2.88	0.01	13	0.26	431	< 1	<.01	255	595	39	27	< 20	2	<.01	< 10	25	< 10	< 1	61
630.18	56+00E21+75N	<.2	1.07	59	2	20	< 5	<.01	1	14	169	16	2.74	0.03	13	0.25	183	< 1	<.01	268	405	41	33	< 20	3	<.01	14	19	< 10	< 1	53
630.19	56+00E22+00N	<.2	1.17	59	3	24	< 5	0.01	< 1	15	180	15	3.11	0.02	13	0.29	198	< 1	<.01	274	312	41	35	< 20	3	<.01	11	27	< 10	< 1	49
630.20	56+00E22+25N	<.2	0.74	51	< 2	14	< 5	<.01	< 1	10	143	7	1.71	0.01	< 10	0.17	131	< 1	<.01	244	294	29	27	< 20	2	0.01	< 10	31	< 10	< 1	39

TECK EXPLORATIONS LTD.
ETK 89-630A
Page 2
September 1, 1989

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
630.21	56+00E22+50N	0.3	1.21	33	2	21	< 5	0.02	< 1	10	178	7	2.21	0.02	10	0.21	216	< 1	<.01	269	380	39	27	< 20	4	<.01	18	24	< 10	< 1	38
630.22	56+00E22+75N	0.3	1.15	41	< 2	22	< 5	0.02	< 1	10	184	8	1.94	0.01	< 10	0.17	142	< 1	<.01	273	348	31	34	< 20	5	0.01	15	32	< 10	< 1	35
630.23	56+00E23+00N	<.2	0.36	17	2	7	< 5	<.01	< 1	6	3	2	0.49	<.01	< 10	0.03	66	< 1	<.01	161	279	10	12	< 20	2	<.01	11	10	< 10	< 1	18
630.24	58+00E16+00N	<.2	1.34	84	2	20	< 5	0.04	1	15	224	15	3.33	0.02	14	0.39	232	< 1	<.01	297	314	49	52	< 20	5	0.04	13	40	< 10	< 1	61
630.25	58+00E16+25N	0.5	2.31	129	2	27	< 5	0.52	1	25	125	40	3.15	0.02	20	0.54	1069	< 1	<.01	231	541	61	66	< 20	32	0.03	12	31	< 10	9	99
630.26	58+00E16+50N	<.2	1.78	78	< 2	33	12	0.39	1	24	170	39	3.41	0.02	16	0.77	444	< 1	<.01	274	284	62	51	< 20	27	0.02	12	31	< 10	< 1	85
630.27	58+00E16+75N	<.2	0.92	27	3	30	< 5	0.04	< 1	9	129	11	1.32	0.01	< 10	0.25	134	< 1	<.01	236	254	30	36	< 20	7	0.01	14	20	15	< 1	37
630.28	58+00E17+00N	<.2	0.89	30	< 2	22	< 5	0.05	< 1	11	132	13	2.61	<.01	11	0.18	124	< 1	<.01	238	148	34	55	< 20	4	0.03	12	40	31	< 1	34
630.29	58+00E17+25N	<.2	1.47	81	< 2	36	6	0.01	1	16	201	24	3.45	<.01	15	0.46	243	< 1	<.01	281	243	55	58	< 20	4	0.04	15	39	12	< 1	54
630.30	58+00E17+50N	<.2	1.44	156	3	26	< 5	0.03	1	23	212	26	3.16	0.02	16	0.41	498	4	<.01	294	382	60	45	< 20	7	0.02	12	29	< 10	1	66
630.31	58+00E17+75N	<.2	1.17	90	< 2	31	< 5	0.02	1	12	159	20	2.34	0.02	10	0.26	185	2	<.01	256	212	48	49	< 20	6	0.02	16	31	< 10	< 1	53
630.32	58+00E18+00N	0.3	0.85	16	3	18	< 5	0.01	< 1	11	158	10	1.84	0.01	< 10	0.14	129	2	<.01	257	220	29	30	< 20	4	0.03	12	39	< 10	< 1	35
630.33	58+00E18+25N	0.2	1.03	87	< 2	17	< 5	0.16	1	9	14	36	3.41	0.02	< 10	0.26	169	< 1	<.01	10	573	35	31	< 20	4	0.01	< 10	22	< 10	< 1	60
630.34	58+00E18+50N	0.5	1.18	44	< 2	19	< 5	0.03	< 1	13	154	15	2.62	0.02	11	0.38	237	< 1	<.01	255	652	45	47	< 20	5	0.02	16	39	< 10	< 1	52
630.35	58+00E18+75N	0.5	1.96	150	2	31	11	0.04	< 1	23	199	55	3.64	0.01	16	0.53	480	< 1	<.01	294	665	62	71	< 20	5	0.02	16	24	< 10	< 1	98
630.36	58+00E19+00N	<.2	1.94	152	3	31	< 5	0.07	< 1	25	195	64	3.26	0.02	14	0.62	643	< 1	<.01	283	774	65	72	26	5	0.03	12	26	< 10	< 1	102
630.37	58+00E19+25N	<.2	2.29	135	4	26	< 5	0.04	2	20	373	34	4.12	0.02	17	0.61	393	< 1	<.01	362	1035	65	58	< 20	4	0.03	14	39	35	< 1	80
630.38	58+00E19+50N	0.3	1.32	55	< 2	14	< 5	0.04	< 1	10	86	14	1.98	0.01	< 10	0.25	195	< 1	<.01	209	498	45	36	< 20	4	0.02	< 10	28	< 10	< 1	46
630.39	58+00E19+75N	<.2	1.12	31	2	23	< 5	0.03	< 1	7	46	6	1.48	0.01	< 10	0.18	163	< 1	<.01	184	512	36	30	< 20	4	0.02	< 10	25	< 10	< 1	32
630.40	BL20+00N58+50E	<.2	2.16	73	3	30	15	0.01	1	17	282	21	4.09	<.01	17	0.44	296	< 1	<.01	330	685	61	62	< 20	5	0.03	16	36	12	< 1	61
630.41	BL20+00N58+75E	0.4	2.70	81	< 2	37	11	0.02	< 1	15	207	13	3.53	<.01	15	0.28	293	< 1	<.01	330	447	61	33	< 20	5	0.05	19	39	< 10	< 1	51

NOTE: < = less than

cc: [redacted]
c/o Pemberton Helicopters
Box 579
Pemberton, B.C.
V0N 1L0

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

SEPTEMBER 5, 1989

Captains Grid

CERTIFICATE OF ANALYSIS ETK 89-631

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 48 SOIL samples received August 18, 1989
PROJECT: 1366
SHIPMENT #11

ET#	Description	Au (ppb)	Hg (ppb)
631 - 1			
631 - 2			
631 - 3			
631 - 4			
631 - 5			
631 - 6			
631 - 7	S32095 — P. PK.	25	25
631 - 8	S32099 —	45	310
631 - 9	L 53 E 15 + 00	80	60
631 - 10	L 53 E 15 + 25 N	45	60
631 - 11	L 53 E 15 + 50 N	10	70
631 - 12	L 53 E 15 + 75 N	15	90
631 - 13	L 54 E 15 + 00 N	35	80
631 - 14	L 54 E 15 + 25 N	30	60
631 - 15	L 54 E 15 + 50 N	70	65
631 - 16	L 54 E 15 + 75 N	15	80
631 - 17	L 55 E 15 + 00 N	20	55
631 - 18	L 55 E 15 + 25 N	5	55
631 - 19	L 55 E 15 + 50 N	10	35
631 - 20	L 55 E 15 + 75 N	10	55
631 - 21	L 60 + 00 E 16 + 00 N	15	60
631 - 22	L 60 + 00 E 16 + 25 N	15	105
631 - 23	L 60 + 00 E 16 + 50 N	10	70
631 - 24	L 60 + 00 E 16 + 75 N	10	50
631 - 25	L 60 + 00 E 17 + 00 N	15	60
631 - 26	L 60 + 00 E 17 + 25 N	15	55
631 - 27	L 60 + 00 E 17 + 50 N	10	80
631 - 28	L 60 + 00 E 17 + 75 N	10	90
631 - 29	L 60 + 00 E 18 + 00 N	10	105
631 - 30	L 60 + 00 E 18 + 25 N	15	125

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

TECH EXPLORATIONS LTD.

SEPTEMBER 5, 1989

ET#	Description		Au (ppb)	Hg (ppb)
631 - [illegible]	L	60 + 00 E 18 + 50 N	120	200
631 - [illegible]	L	60 + 00 E 18 + 75 N	20	130
631 - [illegible]	L	60 + 00 E 19 + 00 N	15**	220
631 - [illegible]	L	60 + 00 E 19 + 25 N	10	135
631 - [illegible]	L	60 + 00 E 19 + 50 N	<5	115
631 - [illegible]	L	60 + 00 E 19 + 75 N	<5**	125
631 - [illegible]	L	60 + 00 E 20 + 25 N	15	140
631 - [illegible]	L	60 + 00 E 20 + 50 N	10	95
631 - [illegible]	L	60 + 00 E 20 + 75 N	50	30
631 - [illegible]	L	60 + 00 E 21 + 00 N	50	35
631 - [illegible]	L	60 + 00 E 21 + 25 N	10	30
631 - [illegible]	L	60 + 00 E 21 + 50 N	5*	60
631 - [illegible]	L	60 + 00 E 21 + 75 N	5	60
631 - [illegible]	L	60 + 00 E 22 + 00 N	15	95
631 - [illegible]	L	60 + 00 E 22 + 25 N	20	100
631 - [illegible]	L	60 + 00 E 22 + 50 N	30	105
631 - [illegible]	L	60 + 00 E 22 + 75 N	10	40
631 - [illegible]	L	60 + 00 E 23 + 00 N	20	20

NOTE: < = less than
* -80 SCREEN
** -30 SCREEN

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

cc: JEAN BAUTLER
PEMBERTON HELICOPTERS
BOX 579
PEMBERTON, B.C.
V0N 2L0
SCBS/TECH 5

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
September 5, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Baley

CERTIFICATE OF ANALYSIS ETK 89-631A
40 Soil Samples, received August 18/89
Project # 1366
Shipment # 11
All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
631.7	S 32095	<.2	2.33	78	7	83	< 5	0.21	< 1	23	13	30	4.01	0.26	21	1.31	1065	< 1	<.01	14	453	63	77	< 20	20	0.08	< 10	54	< 10	2	65
631.8	S 32099	<.2	1.71	38	3	55	< 5	0.48	< 1	29	< 1	22	5.91	0.03	41	0.41	1729	< 1	<.01	< 1	750	49	81	26	32	<.01	< 10	38	< 10	20	104
631.9	53E 15+00	<.2	2.55	114	< 2	33	< 5	0.09	< 1	13	8	58	4.62	0.01	25	0.80	400	< 1	<.01	4	745	58	69	< 20	6	0.04	< 10	30	< 10	< 1	94
631.10	53E 15+25N	<.2	2.46	110	5	29	15	0.13	< 1	19	24	46	3.88	0.02	21	0.99	604	< 1	<.01	14	691	59	85	24	6	0.03	< 10	30	< 10	1	78
631.11	53E 15+50N	<.2	2.85	56	4	31	13	0.12	< 1	18	16	47	4.22	0.02	23	1.00	582	< 1	<.01	11	560	63	51	< 20	6	0.04	< 10	30	< 10	2	74
631.12	53E 15+75N	<.2	2.07	88	5	28	14	0.10	< 1	15	17	35	3.98	0.02	20	0.66	493	< 1	<.01	4	1276	49	46	< 20	5	0.03	< 10	33	< 10	< 1	56
631.13	54E 15+00N	<.2	2.88	132	5	33	< 5	0.08	< 1	18	9	55	4.95	0.02	26	0.77	703	< 1	<.01	2	1195	61	53	< 20	5	0.03	< 10	34	< 10	< 1	108
631.14	54E 15+25N	0.3	2.10	90	5	31	12	0.43	< 1	18	32	43	3.77	0.02	23	0.82	707	< 1	<.01	16	720	52	75	< 20	29	0.07	< 10	29	< 10	6	84
631.15	54E 15+50N	<.2	2.39	92	4	32	8	0.15	< 1	19	22	65	4.16	0.02	23	0.98	527	< 1	<.01	9	735	58	66	21	7	0.03	< 10	31	< 10	< 1	81
631.16	54E 15+75N	<.2	2.63	82	7	29	< 5	0.13	< 1	20	14	40	4.12	0.02	27	0.91	685	< 1	<.01	7	630	64	60	< 20	6	0.05	< 10	32	< 10	2	68
631.17	55E 15+00N	<.2	0.96	22	4	17	< 5	0.02	1	4	< 1	9	2.37	0.01	13	0.13	175	< 1	<.01	< 1	1181	25	25	< 20	4	0.02	< 10	33	< 10	< 1	18
631.18	55E 15+25N	<.2	1.20	61	3	26	7	0.02	1	8	3	20	3.47	0.02	18	0.27	600	1	<.01	< 1	896	31	76	< 20	3	0.02	< 10	37	< 10	< 1	37
631.19	55E 15+50N	<.2	0.88	50	5	16	< 5	0.02	< 1	4	< 1	11	2.26	0.01	12	0.14	232	< 1	<.01	< 1	600	22	19	< 20	3	0.02	< 10	38	< 10	< 1	29
631.20	55E 15+75N	0.2	1.48	105	3	52	10	0.02	< 1	13	26	27	3.68	0.03	20	0.51	1349	< 1	<.01	4	1013	45	30	26	4	0.01	< 10	38	< 10	< 1	63

TECK EXPLORATIONS LTD.
ETK 89-631A
Page 2
September 5, 1989

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
631.21	60+00E16+00N	<.2	1.69	48	5	50	< 5	0.14	< 1	16	135	37	3.45	0.02	22	1.09	385	< 1	<.01	51	506	49	85	< 20	10	0.04	< 10	43	< 10	4	61
631.22	60+00E16+25N	0.5	2.21	76	3	48	< 5	0.66	< 1	29	153	66	3.29	0.03	31	0.88	1905	< 1	<.01	63	1039	56	66	< 20	40	0.03	< 10	43	< 10	10	66
631.23	60+00E16+50N	<.2	1.72	75	< 2	69	12	0.33	1	14	83	25	4.04	0.03	25	0.82	351	< 1	<.01	44	409	48	67	< 20	23	0.09	< 10	60	< 10	4	54
631.24	60+00E16+75N	<.2	2.11	85	5	72	12	0.31	1	21	140	30	4.53	0.03	27	1.24	475	< 1	<.01	68	392	57	94	< 20	23	0.10	< 10	68	< 10	4	59
631.25	60+00E17+00N	<.2	1.99	47	5	66	10	0.80	1	27	165	49	4.03	0.03	27	1.21	739	< 1	<.01	89	510	54	83	< 20	49	0.05	< 10	51	< 10	7	71
631.26	60+00E17+25N	<.2	1.86	67	4	59	9	0.37	< 1	18	116	27	3.94	0.04	24	0.97	458	< 1	<.01	53	395	54	56	< 20	24	0.09	< 10	58	< 10	4	52
631.27	60+00E17+50N	<.2	1.32	53	6	41	6	1.09	2	10	53	44	2.09	0.03	20	0.80	589	< 1	<.01	25	469	35	69	< 20	59	0.02	< 10	25	< 10	9	49
631.28	60+00E17+75N	<.2	2.02	64	4	47	< 5	0.15	< 1	23	73	37	3.95	0.02	25	0.84	1389	< 1	<.01	25	407	54	52	< 20	13	0.06	< 10	50	< 10	5	81
631.29	60+00E18+00N	<.2	1.96	105	3	69	< 5	0.21	1	15	55	22	4.27	0.02	23	0.88	483	< 1	<.01	19	309	55	66	21	14	0.08	< 10	53	< 10	1	60
631.30	60+00E18+25N	<.2	1.38	91	4	60	< 5	1.04	3	18	93	64	2.61	0.03	23	0.62	1658	3	<.01	32	686	42	53	< 20	79	0.03	< 10	33	< 10	11	82
631.31	60+00E18+50N	0.5	1.04	108	17	39	< 5	2.41	3	13	96	67	1.49	0.05	16	0.55	1485	2	0.03	55	1527	36	45	< 20	151	0.01	< 10	18	21	14	56
631.32	60+00E18+75N	0.4	1.30	63	5	25	< 5	0.86	2	11	65	71	1.89	0.03	23	0.51	1000	< 1	<.01	21	1013	30	24	< 20	53	0.02	< 10	31	< 10	10	50
631.33	60+00E19+00N	0.8	0.52	32	14	24	< 5	3.57	1	5	217	109	0.55	0.03	14	0.27	737	5	0.03	74	717	25	25	< 20	184	<.01	< 10	11	< 10	20	75
631.34	60+00E19+25N	<.2	1.48	70	5	26	< 5	0.60	2	16	54	35	2.84	0.03	19	0.91	968	< 1	<.01	26	615	43	49	< 20	36	0.03	< 10	30	< 10	5	75
631.35	60+00E19+50N	<.2	1.22	73	6	22	10	0.65	2	14	16	18	2.66	0.03	17	0.62	377	< 1	<.01	4	585	32	55	< 20	43	0.02	< 10	22	< 10	2	60
631.36	60+00E19+75N	0.3	0.39	16	15	43	11	3.46	< 1	8	317	19	0.54	0.07	< 10	0.44	1036	< 1	0.03	108	695	27	36	< 20	188	<.01	< 10	6	13	1	65
631.37	60+00E20+25N	<.2	1.20	16	2	21	< 5	0.07	< 1	6	40	4	2.25	0.02	13	0.57	233	< 1	<.01	2	300	36	30	26	4	0.05	< 10	40	< 10	< 1	34
631.38	60+00E20+50N	<.2	1.68	44	4	27	< 5	0.04	1	7	46	11	2.70	0.02	15	0.64	185	< 1	<.01	9	458	38	41	< 20	3	0.04	< 10	35	< 10	< 1	36
631.39	60+00E20+75N	<.2	2.23	19	7	32	30	0.22	< 1	26	307	48	8.85	0.02	18	1.02	524	< 1	<.01	260	522	7	42	< 20	13	0.02	< 10	30	< 10	8	82
631.40	60+00E21+00N	<.2	2.78	< 5	4	35	25	0.08	< 1	23	705	39	8.84	0.01	15	1.06	422	< 1	<.01	348	254	7	42	< 20	7	0.02	< 10	34	< 10	< 1	79

TECK EXPLORATIONS LTD.
ETK 89-631A
Page 3
September 5, 1989

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
631.41	60+00E21+25N	<.2	2.26	< 5	6	35	8	0.32	1	22	725	29	7.60	0.02	14	1.08	419	< 1	<.01	359	744	9	74	< 20	23	0.01	< 10	33	< 10	3	77
631.42	60+00E21+50N	0.3	1.23	96	12	24	5	1.48	2	13	73	31	2.11	0.07	15	0.83	865	< 1	0.04	41	1017	43	64	< 20	113	0.02	< 10	23	< 10	3	67
631.43	60+00E21+75N	<.2	2.44	13	7	33	14	0.80	2	25	671	23	7.68	0.02	17	0.81	856	< 1	<.01	324	1267	7	49	24	69	0.02	< 10	35	< 10	6	73
631.44	60+00E22+00N	0.8	2.45	106	4	113	41	0.29	4	71	753	28	>15.00	0.01	25	0.61	8187	11	<.01	372	758	< 2	84	< 20	29	0.03	< 10	41	< 10	2	62
631.45	60+00E22+25N	<.2	2.52	< 5	4	35	19	1.13	2	27	722	43	7.12	0.01	19	0.51	1353	3	<.01	343	1337	8	66	< 20	77	0.02	< 10	32	< 10	15	95
631.46	60+00E22+50N	<.2	1.92	< 5	4	27	5	2.21	< 1	23	496	52	5.87	0.02	20	0.49	1615	< 1	<.01	248	1122	6	45	< 20	148	<.01	< 10	18	< 10	13	64
631.47	60+00E22+75N	<.2	1.42	< 5	2	26	20	0.35	1	15	633	13	6.91	<.01	< 10	0.34	256	< 1	<.01	305	271	< 2	25	< 20	31	0.05	< 10	30	< 10	1	50
631.48	60+00E23+00N	<.2	0.57	< 5	4	11	6	0.36	< 1	10	539	4	2.78	<.01	< 10	0.11	109	< 1	<.01	271	156	< 2	20	< 20	28	0.04	< 10	19	14	1	38

NOTE: > = Greater than
< = Less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

cc: [redacted]
c/o Pemberton Helicopters
Box 579
Pemberton, B.C.
V0N 2L0

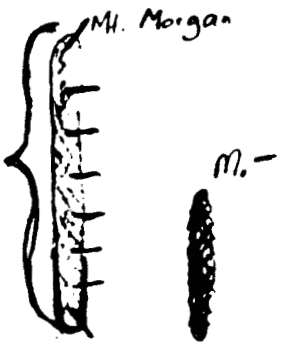
ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

SEPTEMBER 5, 1989

CERTIFICATE OF ANALYSIS ETK 89-632



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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 14 ROCK samples received August 18, 1989
PROJECT: 1366
SHIPMENT #11

ET#	Description		Au (ppb)	Au (g/t)	Hg (ppb)	Hg (ppm)	
632 - 1	31678	Mt Morgan	825		20		Mt Morgan
632 - 2	[illegible]		>1000	1.05	80		
632 - 3	31680		5		>1000	3.04	
632 - 4	[illegible]		>1000	1.15	60		
632 - 5	31682		15		120		
632 - 6	31683		<5		30		
632 - 7	31684		10		30		
632 - 8	32091	F.D.	<5		25		
632 - 9	[illegible]	Mt Morgan	105		35		
632 - 10	32093		25		30		
632 - 11	32094		<5		30		
632 - 12	32096	Prospector's Peaks	<5		10		
632 - 13	32097		<5		15		
632 - 14	32098		10		60		

NOTE: < = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

cc: JEAN PAUTLER
PEMBERTON HELICOPTERS
BOX 579
PEMBERTON, B.C.
V0N 2L0

/TECH.5

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
September 5, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Bailey

CERTIFICATE OF ANALYSIS ETK 89-632A
14 Rock Samples, received August 18/89
Project # 1366
Shipment # 11
All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Se	Sr	Ti%	U	V	W	Y	Zn
632.1	31678	3.4	0.05	18	10	< 5	8	0.16	< 1	7	198	< 1	1.09	<.01	< 10	0.04	189	13	<.01	2	410	54	< 5	< 20	5	<.01	10	3	< 10	4	63
632.2	31679	3.5	0.08	1046	9	21	14	0.02	4	2	190	82	1.21	0.05	< 10	<.01	32	10	<.01	< 1	63	148	< 5	< 20	2	<.01	< 10	1	20	< 1	267
632.3	31680	49.1	0.02	710	11	< 5	< 5	0.11	24	< 1	196	9712	0.44	0.01	< 10	<.01	45	14	<.01	< 1	179	733	2209	< 20	11	<.01	< 10	< 1	14	< 1	839
632.4	31681	6.7	0.02	91	11	10	31	0.03	2	4	108	172	1.51	0.03	< 10	<.01	53	7	<.01	< 1	42	79	84	< 20	2	<.01	< 10	< 1	19	< 1	99
632.5	31682	0.4	0.05	25	10	< 5	5	0.34	< 1	3	225	< 1	0.83	0.02	< 10	0.06	154	14	<.01	2	22	9	20	< 20	2	<.01	< 10	3	< 10	< 1	16
632.6	31683	<.2	0.02	17	10	< 5	< 5	0.13	< 1	2	109	38	0.42	<.01	< 10	0.01	58	9	<.01	< 1	27	2	< 5	< 20	< 1	<.01	< 10	1	< 10	< 1	7
632.7	31684	<.2	0.26	49	10	< 5	16	1.69	2	8	253	< 1	0.95	<.01	< 10	1.07	309	9	<.01	53	53	32	51	< 20	26	<.01	< 10	7	11	< 1	12
632.8	32091	<.2	0.23	18	8	81	5	0.10	< 1	4	148	2	0.95	0.04	< 10	0.15	381	5	<.01	14	235	15	12	< 20	5	<.01	< 10	3	< 10	< 1	27
632.9	32092	<.2	0.06	34	10	7	7	0.10	< 1	3	208	< 1	1.14	<.01	< 10	0.01	103	21	<.01	4	376	7	9	< 20	14	<.01	< 10	1	< 10	< 1	20
632.10	32093	<.2	0.02	47	9	< 5	< 5	0.07	2	2	181	< 1	0.68	<.01	< 10	<.01	71	4	<.01	4	47	17	< 5	< 20	1	<.01	< 10	< 1	< 10	< 1	15
632.11	32094	<.2	0.01	28	11	< 5	5	0.03	< 1	2	178	< 1	0.48	<.01	< 10	<.01	74	13	<.01	6	37	22	< 5	< 20	< 1	<.01	< 10	< 1	< 10	< 1	12
632.12	32096	<.2	0.07	12	9	< 5	10	0.01	< 1	1	158	< 1	0.33	<.01	< 10	0.04	68	5	<.01	< 1	39	5	< 5	< 20	< 1	<.01	< 10	2	< 10	< 1	6
632.13	32097	<.2	0.04	< 5	8	< 5	< 5	0.44	< 1	< 1	145	< 1	0.27	<.01	< 10	0.03	79	11	<.01	2	13	3	< 5	< 20	27	<.01	< 10	2	< 10	< 1	5
632.14	32098	<.2	0.80	93	8	10	9	4.04	12	8	133	< 1	2.78	0.01	15	1.00	830	3	<.01	4	133	48	68	< 20	338	<.01	< 10	32	< 10	2	361

NOTE: < = Less than

cc: [redacted]
c/o Pemberton Helicopters
Box 579
Pemberton, B.C.
V0N 1L0

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

AUGUST 30, 1989

CERTIFICATE OF ANALYSIS ETK 89-633

K EXPLORATIONS LTD.
, 175 SECOND AVENUE
ILOOPS, B.C.
: 5W1

'ENTION: FRED DALEY

1PLE IDENTIFICATION: 18 ROCK samples received August 18, 1989
PROJECT: 1366
SHIPMENT #11

T#	Description	Au (ppb)	Hg (ppb)
3 - 1	31960	55	10
3 - 2	31961	20	15
3 - 3	31962	65	10
3 - 4	31963	150	5
3 - 5	31964	20	30
3 - 6	31965	10	20
3 - 7	31966	10	15
3 - 8	31967	15	15
3 - 9	31968	5	10
3 - 10	31969	10	15
3 - 11	31970	10	20
3 - 12	31971	10	15
3 - 13	31972	10	15
3 - 14	31973	5	10
3 - 15	31974	10	20
3 - 16	31975	10	30
3 - 17	31976	5	5
3 - 18	31977	10	5

TE: < = less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

AX: FRED DALEY
C89-TECK5

cc Jean Pautler

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
September 5, 1989

TECK EXPLORATIONS LTD.
960, 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Bailey

CERTIFICATE OF ANALYSIS ETK 89-633A
18 Rock Samples, received August 18/89
Project # 1366
Shipment # 11
All values in PPM unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
633.1	31960	<.2	0.25	29	11	16	< 5	0.06	< 1	4	198	< 1	0.72	0.04	< 10	0.31	190	13	<.01	28	80	17	15	< 20	4	<.01	< 10	6	< 10	< 1	18
633.2	31961	<.2	0.89	36	11	12	13	0.22	< 1	9	190	< 1	1.65	0.03	14	1.05	434	3	<.01	42	633	41	64	< 20	17	<.01	< 10	22	< 10	< 1	28
633.3	31962	<.2	1.19	47	11	11	< 5	0.09	< 1	9	172	< 1	2.13	0.03	13	1.40	277	8	<.01	67	377	54	55	< 20	7	0.02	< 10	31	< 10	< 1	44
633.4	31963	<.2	0.11	< 5	8	< 5	10	12.90	< 1	< 1	91	< 1	0.22	0.01	< 10	0.10	262	4	<.01	< 1	< 10	9	38	< 20	67	<.01	< 10	< 1	< 10	< 1	4
633.5	31964	<.2	1.01	80	4	< 5	7	11.86	2	17	139	< 1	1.67	0.03	< 10	1.11	491	< 1	0.02	40	< 10	40	76	< 20	83	<.01	< 10	22	< 10	< 1	10
633.6	31965	<.2	0.93	87	3	< 5	8	11.07	2	17	129	< 1	1.57	0.03	< 10	1.03	465	< 1	0.02	36	20	38	67	< 20	77	<.01	< 10	21	< 10	< 1	10
633.7	31966	<.2	0.58	35	10	< 5	10	8.19	1	12	153	< 1	0.98	<.01	< 10	0.66	315	6	<.01	18	26	23	46	< 20	74	<.01	< 10	9	< 10	< 1	7
633.8	31967	<.2	0.24	28	11	< 5	< 5	8.74	< 1	6	113	< 1	0.48	<.01	< 10	0.29	306	2	<.01	2	23	16	40	< 20	70	<.01	< 10	4	< 10	< 1	5
633.9	31968	<.2	0.04	30	14	< 5	5	4.70	< 1	3	161	< 1	0.30	<.01	< 10	0.07	168	11	<.01	4	< 10	3	7	< 20	37	<.01	< 10	< 1	< 10	< 1	5
633.10	31969	<.2	0.23	40	12	< 5	5	5.80	< 1	3	88	10	0.41	<.01	< 10	0.30	236	< 1	<.01	2	24	11	35	< 20	55	<.01	< 10	3	< 10	< 1	4
633.11	31970	<.2	0.80	51	7	< 5	20	8.02	< 1	17	162	< 1	2.67	0.02	14	2.03	627	3	0.01	30	69	52	115	< 20	78	<.01	< 10	21	< 10	1	17
633.12	31971	<.2	0.71	43	6	5	< 5	2.57	< 1	5	133	< 1	1.54	0.03	< 10	0.54	448	4	<.01	2	102	23	23	< 20	51	0.01	< 10	26	< 10	< 1	26
633.13	31972	<.2	0.36	19	8	< 5	< 5	4.44	< 1	3	145	< 1	0.96	0.03	< 10	0.24	481	9	<.01	6	81	15	41	< 20	87	0.01	< 10	11	< 10	< 1	19
633.14	31973	<.2	0.10	11	7	< 5	5	2.36	< 1	1	172	< 1	0.38	<.01	< 10	0.06	174	6	<.01	< 1	37	3	19	< 20	40	<.01	< 10	3	< 10	< 1	7
633.15	31974	<.2	1.18	30	9	< 5	15	2.93	< 1	11	70	< 1	2.19	<.01	11	0.77	548	< 1	0.01	4	203	38	77	< 20	25	0.07	< 10	40	< 10	5	41
633.16	31975	<.2	0.27	127	9	11	9	0.17	3	1	173	< 1	0.98	0.02	< 10	0.17	226	3	0.01	< 1	26	44	27	< 20	6	<.01	< 10	3	< 10	< 1	28
633.17	31976	<.2	0.16	< 5	8	< 5	< 5	0.04	< 1	2	202	< 1	0.79	<.01	< 10	0.09	62	13	<.01	4	30	7	< 5	< 20	< 1	0.01	< 10	3	< 10	< 1	12
633.18	31977	<.2	0.06	< 5	10	< 5	< 5	0.05	< 1	1	190	< 1	0.39	<.01	< 10	0.03	37	7	<.01	< 1	30	3	9	< 20	1	<.01	< 10	1	< 10	< 1	8

NOTE: < = Less than

FAX: Fred Bailey

ETK TECH LABORATORIES LTD.
DAVID MURRAY
B.C. CERTIFIED ASSAYER

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

SEPTEMBER 1, 1989

CERTIFICATE OF ANALYSIS ETK 89-664

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 15 ROCK samples received August 28, 1989
PROJECT: 1366
SHIPMENT #12

ET#	Description	Au (ppb)	Hg (ppb)
664 - 1	31986	10	50
664 - 2	31987	10	75
664 - 3	31988	10	430
664 - 4	31989	10	45
664 - 5	31990	15	45
664 - 6	31991	15	20
664 - 7	31992	5	5
664 - 8	31993	5	55
664 - 9	31994	10	10
664 - 10	31995	5	70
664 - 11	31996	5	60
664 - 12	31997	15	40
664 - 13	31998	5	20
664 - 14	31999	5	15
664 - 15	32000	10	15

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

cc: JEAN PAULTER

SC89/TECK5

<.01	.03	<.01	.01	<.01	<.01	<.01	<.01	<.01	<.01	.02	.02	<.01	.05	.02

(12)

ECO-TECH LABORATORIES LTD.

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

SEPTEMBER 7, 1989

TECK EXPLORATIONS LTD. - ETK89-664 A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED DALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT:1366 SHIPMENT 12
15 ROCK SAMPLES RECEIVED AUG.28, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
664 A- 1	31986	.2	.38	<5	<2	20	<5	.14	1	4	290	13	.84	.07	<10	.14	142	27	.05	12	90	4	5	<20	11	.02	40	20	<10	2	18
664 A- 2	31987	.4	1.19	<5	4	70	<5	.62	<1	7	273	77	2.12	.13	<10	.39	216	29	.10	16	250	2	50	<20	33	.05	20	44	<10	3	42
664 A- 3	31988	.4	.10	<5	<2	<5	<5	.04	1	2	296	47	.65	.04	<10	.03	82	16	.05	10	80	<2	<5	<20	2	<.01	20	9	<10	1	9
664 A- 4	31989	.6	.35	<5	6	20	<5	.13	<1	4	286	13	1.17	.06	<10	.09	184	54	.05	11	100	2	5	<20	9	.02	50	13	<10	2	29
664 A- 5	31990	.4	.40	<5	<2	30	<5	.18	<1	6	368	21	1.03	.09	<10	.13	239	52	.07	17	200	2	5	<20	11	.02	40	19	<10	4	12
664 A- 6	31991	.4	.04	<5	<2	<5	<5	.01	1	1	303	5	.44	.03	<10	<.01	37	6	.04	3	<10	<2	5	<20	1	<.01	50	4	<10	1	2
664 A- 7	31992	.4	.06	<5	<2	<5	<5	.02	1	1	312	6	.44	.01	<10	.01	66	14	.04	9	40	<2	<5	<20	1	<.01	10	5	<10	1	7
664 A- 8	31993	.6	.05	<5	<2	<5	<5	.01	1	1	300	5	.43	.01	<10	<.01	69	22	.03	7	30	2	<5	<20	1	<.01	30	4	<10	1	5
664 A- 9	31994	1.2	.05	<5	<2	<5	<5	.03	1	3	367	35	.92	.01	<10	<.01	79	3	.04	15	40	4	20	<20	2	<.01	30	4	<10	1	31
664 A- 10	31995	.4	.04	<5	<2	<5	<5	.01	<1	2	324	7	.47	<.01	<10	<.01	84	16	.04	5	10	4	15	<20	1	<.01	20	4	<10	1	<1
664 A- 11	31996	.6	.10	<5	<2	10	<5	.08	1	1	247	30	.80	<.01	<10	<.01	178	9	.03	12	30	<2	35	<20	3	<.01	40	6	<10	1	<1
664 A- 12	31997	.4	.20	<5	<2	10	<5	.09	2	3	256	37	.90	.05	<10	.02	197	27	.04	13	180	2	20	<20	7	.01	70	12	<10	3	4
664 A- 13	31998	.6	.05	<5	<2	<5	<5	.02	2	1	336	7	.43	.01	<10	.01	70	9	.04	10	30	<2	5	<20	3	<.01	40	4	<10	<1	27
664 A- 14	31999	.4	.45	<5	<2	75	<5	.16	1	3	227	48	1.16	.11	<10	.25	217	8	.06	10	170	<2	20	<20	15	.03	60	23	<10	3	21
664 A- 15	32000	.6	.06	<5	<2	<5	<5	.02	1	<1	320	12	.51	.03	<10	.02	84	4	.03	9	50	<2	15	<20	1	<.01	30	6	<10	1	6

NOTE: < = LESS THAN

CC: JEAN PAUTLER
FAX: TECK, KAMLOOPS
SC89/TECK6

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT:1366 SHIPMENT 12
15 ROCK SAMPLES RECEIVED AUG.28, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
664 A- 1	31986	.2	.38	<5	<2	20	<5	.14	1	4	290	13	.84	.07	<10	.14	142	27	.05	12	90	4	5	<20	11	.02	40	20	<10	2	18
664 A- 2	31987	.4	1.19	<5	4	70	<5	.62	<1	7	273	77	2.12	.13	<10	.39	216	29	.10	16	250	2	50	<20	33	.05	20	44	<10	3	42
664 A- 3	31988	.4	.10	<5	<2	<5	<5	.04	1	2	296	47	.65	.04	<10	.03	82	16	.05	10	80	<2	<5	<20	2	<.01	20	9	<10	1	9
664 A- 4	31989	.6	.35	<5	6	20	<5	.13	<1	4	286	13	1.17	.06	<10	.09	184	54	.05	11	100	2	5	<20	9	.02	50	13	<10	2	29
664 A- 5	31990	.4	.40	<5	<2	30	<5	.18	<1	6	368	21	1.03	.09	<10	.13	239	52	.07	17	200	2	5	<20	11	.02	40	19	<10	4	12
664 A- 6	31991	.4	.04	<5	<2	<5	<5	.01	1	1	303	5	.44	.03	<10	<.01	37	6	.04	3	<10	<2	5	<20	1	<.01	50	4	<10	1	2
664 A- 7	31992	.4	.06	<5	<2	<5	<5	.02	1	1	312	6	.44	.01	<10	.01	66	14	.04	9	40	<2	<5	<20	1	<.01	10	5	<10	1	7
664 A- 8	31993	.6	.05	<5	<2	<5	<5	.01	1	1	300	5	.43	.01	<10	<.01	69	22	.03	7	30	2	<5	<20	1	<.01	30	4	<10	1	5
664 A- 9	31994	1.2	.05	<5	<2	<5	<5	.03	1	3	367	35	.92	.01	<10	<.01	79	3	.04	15	40	4	20	<20	2	<.01	30	4	<10	1	31
664 A- 10	31995	.4	.04	<5	<2	<5	<5	.01	<1	2	324	7	.47	<.01	<10	<.01	84	16	.04	5	10	4	15	<20	1	<.01	20	4	<10	1	<1
664 A- 11	31996	.6	.10	<5	<2	10	<5	.08	1	1	247	30	.80	<.01	<10	<.01	178	9	.03	12	30	<2	35	<20	3	<.01	40	6	<10	1	<1
664 A- 12	31997	.4	.20	<5	<2	10	<5	.09	2	3	256	37	.90	.05	<10	.02	197	27	.04	13	180	2	20	<20	7	.01	70	12	<10	3	4
664 A- 13	31998	.6	.05	<5	<2	<5	<5	.02	2	1	336	7	.43	.01	<10	.01	70	9	.04	10	30	<2	5	<20	3	<.01	40	4	<10	<1	27
664 A- 14	31999	.4	.45	<5	<2	75	<5	.16	1	3	227	48	1.16	.11	<10	.25	217	8	.06	10	170	<2	20	<20	15	.03	60	23	<10	3	21
664 A- 15	32000	.6	.06	<5	<2	<5	<5	.02	1	<1	320	12	.51	.03	<10	.02	84	4	.03	9	50	<2	15	<20	1	<.01	30	6	<10	1	6

NOTE: < = LESS THAN

CC: JEAN PAUTLER
FAX: TECK, KAMLOOPS
SC89/TECK6

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

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

SEPTEMBER 1, 1989

CERTIFICATE OF ANALYSIS ETK 89-665

EXPLORATIONS LTD.
175 SECOND AVENUE
DOPS, B.C.
5W1

NTION: FRED DALEY

LE IDENTIFICATION: 10 ROCK samples received August 28, 1989
PROJECT: 1366
SHIPMENT #12

	Description	Au (ppb)	Hg (ppb)
- 1	34101	20	40
- 2	34102	20	40
- 3	34103	5	50
- 4	34104	10	30
- 5	34105	5	35
- 6	34106	20	25
- 7	34107	15	15
- 8	34108	15	10
- 9	34109	10	10
- 10	34110	60	20

E: < = less than

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

JEAN PAULTER

ECO-TECH LABORATORIES LTD.

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

SEPTEMBER 7, 1989

TECK EXPLORATIONS LTD. - ETK89-665A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED DALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT:1366 SHIPMENT 12
10 ROCK SAMPLES RECEIVED AUG.28, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
665 A- 1	34101	1.6	.44	<5	<2	5	<5	1.02	<1	5	206	29	1.34	.04	<10	.12	701	5	.05	15	210	4	25	<20	20	.04	40	39	<10	4	69
665 A- 2	34102	.6	.15	35	<2	5	<5	.07	<1	2	216	20	.51	.03	<10	.03	114	5	.05	10	260	2	10	<20	5	<.01	30	6	<10	3	18
665 A- 3	34103	.8	.21	5	<2	10	<5	.08	<1	3	222	10	.67	.07	<10	.12	126	13	.04	15	230	2	5	<20	3	.01	20	14	<10	3	30
665 A- 4	34104	.6	.21	<5	<2	<5	<5	.19	<1	6	235	18	.65	.03	<10	.22	171	9	.05	66	90	<2	25	<20	17	.02	50	11	<10	1	18
665 A- 5	34105	.8	.02	10	22	5	<5	.01	<1	4	298	4	.36	<.01	<10	.01	53	33	.04	5	10	2	<5	<20	<1	<.01	70	3	<10	1	3
665 A- 6	34106	<.2	.12	60	28	10	<5	.04	<1	3	298	40	.97	.02	<10	.05	134	37	.05	10	110	2	<5	<20	3	<.01	60	8	<10	2	15
665 A- 7	34107	<.2	.07	55	14	5	<5	.04	1	4	297	12	.49	.02	<10	.04	80	27	.05	7	130	2	<5	<20	2	<.01	60	5	<10	1	9
665 A- 8	34108	<.2	.03	65	2	10	<5	.01	<1	2	274	8	.44	.01	<10	<.01	54	27	.03	4	50	<2	<5	<20	1	<.01	50	2	<10	1	5
665 A- 9	34109	.4	.07	10	10	5	<5	.02	<1	3	282	6	.42	.01	<10	.04	68	29	.03	11	40	4	<5	<20	2	<.01	70	4	<10	1	7
665 A- 10	34110	.2	.84	5	42	10	<5	2.58	1	9	181	67	3.25	.06	10	.16	2722	20	.03	17	340	2	10	40	10	.04	50	92	30	4	129

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

CC: JEAN PAUTLER
FAX: TECK, KAMLOOPS
SC89/TECK6

ECO-TECH LABORATORIES LTD.

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

SEPTEMBER 6, 1989

CERTIFICATE OF ANALYSIS ETK 89-666

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 22 ROCK samples received August 28, 1989
PROJECT: 1366
SHIPMENT #12

ET#	Description	Au (ppb)	Hg (ppb)	Hg (ppm)
666 - 1	31685 } Prospector's Peaks	15	30	
666 - 2	31686 }	5	15	
666 - 3	31687 }	5	15	
666 -				
666 -				
666 -				
666 -				
666 -				
666 -				
666 -				
666 -				
666 -				
666 -				
666 - 14	31698 } S.1. Cirque	65	60	
666 - 15	31699 }	5	10	
666 - 16	32144 }	25	20	
666 - 17	32145 }	5	655	
666 - 18	32146 }	5	110	
666 - 19	32147 }	5	100	
666 - 20	32148 }	5	115	
666 - 21	32149 }	10	55	
666 - 22	32150 }	10	215	

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

CC: JEAN PAULTER
SC: TECK5

ECO-TECH LABORATORIES LTD.

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

SEPTEMBER 7, 1989

TECK EXPLORATIONS LTD. - ETK89-666A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT:1366 SHIPMENT 12
22 ROCK SAMPLES RECEIVED AUG.28, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
666 A- 1	31685	.4	.08	10	10	5	<5	.02	<1	3	432	18	1.49	.02	<10	.05	66	325	.03	6	120	4	<5	<20	1	<.01	60	6	<10	1	4
666 A- 2	31686	.2	.09	<5	14	5	<5	.02	<1	3	294	4	.42	.03	<10	.08	59	25	.03	5	20	2	<5	<20	1	<.01	30	4	<10	1	3
666 A- 3	31687	7.8	.18	50	24	<5	20	.48	2	7	422	3	.67	.01	<10	.59	95	20	.03	77	20	326	<5	<20	28	<.01	80	4	<10	<1	7
666 A- 14	31698	<.2	.02	300	6	<5	50	.67	102	5	266	22	2.57	.01	<10	.08	82	14	.03	16	40	>10000	445	>20	33	<.01	20	3	310	2	3219
666 A- 15	31699	2.4	.06	70	<2	5	<5	.21	<1	4	462	7	.51	.01	<10	.01	201	28	.03	8	10	448	80	<20	1	<.01	20	4	20	<1	19
666 A- 16	32144	2.2	.09	45	2	5	<5	4.81	<1	5	204	6	1.05	.02	<10	.60	317	15	.03	14	20	268	50	<20	14	<.01	30	9	10	2	20
666 A- 17	32145	4.8	.30	550	6	5	<5	8.13	<1	41	77	164	5.10	.09	10	3.36	929	3	.03	117	170	20	75	<20	54	<.01	10	15	<10	6	34
666 A- 18	32146	.4	.05	15	<2	5	<5	.17	1	3	322	7	.38	.03	<10	.02	82	18	.04	6	20	34	30	<20	2	<.01	10	2	<10	<1	11
666 A- 19	32147	<.2	.06	45	<2	5	<5	1.60	<1	4	222	3	.59	.01	<10	.31	193	13	.03	11	30	12	15	<20	11	<.01	20	3	200	1	4
666 A- 20	32148	<.2	.14	195	<2	<5	<5	4.62	<1	8	248	3	.73	.03	<10	.12	286	16	.03	29	10	10	10	<20	7	<.01	10	2	<10	1	3
666 A- 21	32149	<.2	.04	20	<2	<5	<5	1.10	1	4	258	4	.35	.01	<10	.02	100	9	.03	13	20	6	5	<20	2	<.01	20	2	<10	<1	6
666 A- 22	32150	7.6	.09	50	<2	5	10	1.51	<1	5	310	3	.62	.03	<10	.05	169	20	.04	13	40	98	10	<20	6	<.01	20	3	<10	1	5

NOTE: < = LESS THAN

CC: JEAN PAUTLER
FAX: TECK, KAMLOOPS
SC89/TECK6

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

SEPTEMBER 5, 1989

CERTIFICATE OF ANALYSIS ETK 89-667

EXPLORATIONS LTD.
, 175 SECOND AVENUE
LOOPS, B.C.
5W1

ENTION: FRED DALEY

PLE IDENTIFICATION: 20 ROCK samples received August 28, 1989
PROJECT: 1366
SHIPMENT #12

#	Description	Au (ppb)	Hg (ppb)
- 14	32136	10	40
- 15	32137	30	160
- 16	32138	10	110
- 17	32139	10	75
- 18	32140	5	40
- 19	32142	10	65
- 20	32143	60	35

Silicon Cirque

E: < = less than

JEAN PAULTER

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

9/TECH 1

ECO-TECH LABORATORIES LTD.

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

SEPTEMBER 7, 1989

TECK EXPLORATIONS LTD. - ETK89-667 A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED DALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT:1366 SHIPMENT 12
20 ROCK SAMPLES RECEIVED AUG.28, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
667 A- 1																															
667 A- 2																															
667 A- 3																															
667 A- 4																															
667 A- 5																															
667 A- 6																															
667 A- 7																															
667 A- 8																															
667 A- 9																															
667 A- 10																															
667 A- 11																															
667 A- 12																															
667 A- 13																															
667 A- 14	32136	.2	.10	35	<2	<5	<5	.27	<1	3	285	9	.73	.04	<10	.02	201	8	.03	8	20	2	10	<20	1	<.01	10	5	<10	1	4
667 A- 15	32137	7.6	.42	1820	18	10	<5	7.15	<1	42	66	36	4.15	.18	10	2.70	943	<1	.04	59	30	4	25	<20	77	<.01	<10	21	<10	6	22
667 A- 16	32138	3.6	.03	25	<2	<5	<5	2.10	<1	1	297	9	.51	.02	<10	.02	147	7	.03	6	10	2	5	<20	2	<.01	20	3	10	1	4
667 A- 17	32139	.4	.03	15	<2	5	<5	1.04	<1	2	472	5	.60	.01	<10	.02	112	33	.03	6	10	2	5	<20	1	<.01	<10	3	<10	<1	11
667 A- 18	32140	.4	1.13	5	<2	5	<5	3.03	<1	22	168	148	2.80	.01	<10	1.15	424	7	.03	11	70	4	10	<20	16	.02	<10	94	<10	2	17
667 A- 19	32142	.4	.07	165	<2	5	<5	1.09	<1	7	236	3	1.11	.03	<10	.06	203	18	.03	9	<10	10	5	<20	3	<.01	30	3	<10	1	7
667 A- 20	32143	.6	.04	330	<2	5	<5	1.19	<1	4	286	5	1.48	.01	<10	.03	154	13	.02	5	10	20	<5	<20	3	<.01	20	4	<10	1	49

NOTE: < = LESS THAN

CC: JEAN PAUTLER
FAX: TECK, KAMLOOPS
SC89/TECK6

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

DEMP GRID

TEYMADE VEINS

ECO-TECH LABORATORIES LTD.

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

SEPTEMBER 5, 1989

CERTIFICATE OF ANALYSIS ETK 89-668

RATIONS LTD.
ECOND AVENUE
B.C.

Silicon Cirque.

FRED DALEY

NTIFICATION: 22 ROCK samples received August 28, 1989
PROJECT: 1366
SHIPMENT #12

Description		Au (ppb)	Hg (ppb)
32100	Silicon Cirque	10	20
32101		25	60
32102		5	10
32103		155	25
32104		140	15
32105		15	60
32106		195	80
32107		20	50
32108		75	75

= less than

PAULTER

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.

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

TECK EXPLORATIONS LTD. - ETK89-668 A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BALEY

SEPTEMBER 7, 1989

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT:1366 SHIPMENT 12
22 ROCK SAMPLES RECEIVED AUG.28, 1989

ETK#	DESCRIPTIONS		AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
668 A-	1	32100	2.2	.75	525	<2	10	<5	5.72	<1	27	139	39	3.11	.22	10	3.03	673	2	.04	71	120	4	10	<20	71	<.01	<10	24	<10	4	20
668 A-	2	32101	1.2	.05	150	<2	<5	<5	.04	<1	4	220	4	1.09	.02	<10	.01	37	9	.03	9	10	6	5	<20	1	<.01	<10	2	<10	<1	3
668 A-	3	32102	.4	.03	75	<2	5	<5	.08	<1	3	241	3	.54	.02	<10	.01	58	16	.03	3	<10	2	5	<20	1	<.01	<10	2	<10	<1	8
668 A-	4	32103	.4	.16	2455	<2	5	<5	2.17	<1	10	348	6	1.57	.05	<10	.28	514	21	.03	13	20	4	15	<20	27	<.01	<10	17	490	3	10
668 A-	5	32104	.6	.07	1320	<2	5	<5	.33	<1	4	286	3	1.03	.03	<10	.05	312	14	.02	3	10	<2	5	<20	5	<.01	<10	9	20	1	6
668 A-	6	32105	.4	.11	235	14	5	<5	6.67	<1	7	228	9	2.29	.06	10	3.31	867	17	.03	14	20	<2	10	<20	151	<.01	<10	19	120	3	15
668 A-	7	32106	1.4	.10	4075	16	10	<5	3.91	<1	7	331	9	2.22	.04	10	1.56	659	15	.03	10	20	2	10	<20	102	<.01	<10	27	<10	2	10
668 A-	8	32107	.2	.07	465	24	5	<5	1.58	<1	2	458	5	.70	.02	<10	.05	335	31	.03	8	10	4	<5	<20	5	<.01	40	7	<10	1	5
668 A-	9	32108	<.2	.45	1225	22	<5	<5	8.03	<1	19	34	20	6.33	.05	10	5.14	932	5	.03	13	50	2	15	<20	214	<.01	10	203	<10	8	38
668 A-	10																															
668 A-	11																															
668 A-	12																															
668 A-	13																															
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668 A-	15																															
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668 A-	20																															
668 A-	21																															
668 A-	22																															

NOTE: < = LESS THAN

CC: JEAN PAUTLER
FAX: TECK, KAMLOOPS
SC89/TECK6

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

SEPTEMBER 6, 1989

CERTIFICATE OF ANALYSIS ETK 89-669

IONS LTD.
ND AVENUE

RED DALEY

FICATION: 19 ROCK samples received August 28, 1989
PROJECT: 1366
SHIPMENT #12

scription	Au (ppb)	Hg (ppb)
34001 > Anderson Lk - S.E. S.I. Cirque	15	60
34002	10	70
34111 - And. Lk - Archibald Vn	5	15
31978	10	10
31979	5	10
31980	5	10
31981	10	5
31982	10	10
31983	5	10
31984	5	5
31985	5	30

less than

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

UL

ECO-TECH LABORATORIES LTD.

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

SEPTEMBER 7, 1989

TECK EXPLORATIONS LTD. - ETK89-669A

960 - 175 SECOND AVENUE
KAMLOOPS, B.C.
V2C 5W1
ATTN: FRED BALEY

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT:1366
19 ROCK SAMPLES RECEIVED AUG.28, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SR	TH(%)	U	V	W	Y	ZN
669 A- 1	34001	<.2	.03	20	26	<5	<5	.01	<1	1	234	4	.43	.05	<10	.02	43	16	.04	4	10	4	<5	<20	<1	<.01	20	5	<10	<1	3
669 A- 2	34002	4.4	.03	25	16	<5	<5	.01	<1	1	244	6	.50	.04	<10	<.01	59	8	.04	7	10	10	5	<20	<1	<.01	10	4	<10	<1	8
669 A-																															
669 A-																															
669 A-																															
669 A-																															
669 A-																															
669 A-																															
669 A- 9	34111	<.2	.05	5	16	<5	<5	.08	<1	2	262	7	.44	.03	<10	.24	84	19	.04	16	10	4	10	<20	20	<.01	10	2	<10	1	2
669 A-	[redacted]																														
669 A-																															
669 A- 12	31978	.2	.27	5	14	<5	<5	.33	<1	5	184	9	.89	.05	<10	.49	205	6	.04	37	110	6	<5	<20	8	<.01	30	13	<10	2	10
669 A- 13	31979	.4	.57	10	18	5	<5	.89	1	10	243	7	1.25	.04	<10	.54	269	16	.04	20	130	4	5	<20	13	<.01	10	25	<10	2	18
669 A- 14	31980	1.4	2.27	20	20	15	<5	5.26	1	24	124	93	5.37	.05	10	2.03	1114	5	.05	33	700	10	15	<20	82	<.01	<10	82	<10	9	61
669 A- 15	31981	<.2	1.43	<5	20	15	<5	4.98	1	14	288	10	2.17	.04	<10	1.59	625	17	.05	32	370	8	10	<20	206	<.01	10	56	<10	6	16
669 A- 16	31982	.4	.21	100	20	5	<5	5.31	<1	48	223	13	3.14	.03	<10	6.82	512	3	.05	598	20	10	5	<20	328	<.01	10	7	<10	1	8
669 A- 17	31983	1.4	.04	15	14	<5	<5	.09	<1	3	310	7	1.12	.04	<10	.09	90	21	.08	12	40	20	5	<20	5	<.01	<10	3	<10	1	4
669 A- 18	31984	1.4	.37	<5	12	15	<5	.07	<1	6	102	324	1.98	.04	<10	.24	71	5	.08	9	270	6	5	<20	3	.04	<10	4	<10	8	12
669 A- 19	31985	<.2	.12	<5	12	<5	<5	.03	<1	2	246	7	.55	.05	<10	.10	112	17	.02	6	110	4	<5	<20	1	<.01	<10	9	<10	1	9

NOTE: < = LESS THAN

CC: JEAN PAUTLER
FAX: TECK, KAMLOOPS
SC89/TECK6

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

SEPTEMBER 1, 1989

CERTIFICATE OF ANALYSIS ETK 89-670

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

ATTENTION: FRED DALEY

SAMPLE IDENTIFICATION: 9 SOIL samples received August 28, 1989
PROJECT: 1366
SHIPMENT #12

ET#	Description	Au (ppb)	Hg (ppb)
670 - 1	S 32112	10	35
670 - 2	S 32141	25	50

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT:1366 SHIPMENT 12
9 SOIL SAMPLES RECEIVED AUG.28, 1989

ETK#	DESCRIPTIONS	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
670 A- 1	S32112	.2	1.62	15	26	65	<5	.04	2	17	243	98	3.42	.05	10	1.52	261	9	.05	149	440	6	10	<20	4	.19	30	60	<10	3	51
670 A- 2	S32141	.4	2.84	545	24	40	5	.16	1	46	128	106	6.47	.05	10	.99	974	6	.05	142	500	28	610	<20	10	.01	40	112	<10	6	65

NOTE:> = GREATER THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

89/TECK5

Sept 25/89

ECO-TECH LABORATORIES LTD.

ASSAYING · ENVIRONMENTAL TESTING

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

SEPTEMBER 20, 1989

CERTIFICATE OF ANALYSIS ETK 89-706

)NS LTD.
) AVENUE

:D DALEY

ICATION: 58 ROCK samples received September 8, 1989
PROJECT: 25
SHIPMENT NO.: 14 OR 15

)t ion	AU (ppb)	HG (ppb)
31701	5	25
31702	180	30
31703	5	45
31704	<5	40
31705	5	20
31706	<5	20

Eco-Tech Laboratories Ltd.
10041 E. Trans Canada Hwy.
Kamloops, B.C.
V2C 2J3
September 29, 1989

TECK EXPLORATIONS LTD.
960 - 175 Second Avenue
Kamloops, B.C.
V2C 5W1
ATTN: Fred Bailey

CERTIFICATE OF ANALYSIS ETK 89-7068
38 Rock Samples, received September 0489
Projects 25
Shipment No: 14 or 15
All values in PPB unless otherwise reported

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	CaX	Cd	Co	Cr	Cu	FeX	K%	La	MgX	Mn	Mo	NaX	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y
706..1	31701	<.2	0.01	< 5	10	16	< 5	1.92	< 1	6	292	141	0.43	<.01	< 10	0.02	220	10	<.01	7	23	< 2	20	< 20	150	<.01	< 10	< 1	< 10	< 1
706..2	31702	<.2	0.79	10	10	100	< 5	0.21	< 1	8	171	70	2.00	0.32	< 10	0.54	171	8	0.04	15	110	< 2	< 5	< 20	15	0.05	< 10	10	< 10	3
706..3	31703	<.2	0.04	< 5	12	6	< 5	<.01	< 1	2	267	21	0.50	0.01	< 10	0.01	41	19	<.01	5	22	< 2	< 5	< 20	1	<.01	< 10	2	< 10	< 1
706..4	31704	<.2	0.36	< 5	19	8	19	0.30	< 1	54	934	12	2.94	<.01	< 10	5.77	289	< 1	<.01	990	31	29	94	30	11	<.01	< 10	98	< 10	< 1
706..5	31705	<.2	0.19	< 5	9	< 5	< 5	<.01	< 1	5	223	11	0.79	<.01	< 10	0.15	70	25	<.01	19	< 10	< 2	< 5	< 20	< 1	<.01	< 10	6	< 10	< 1
706..6	31706	<.2	0.05	< 5	10	< 5	< 5	1.04	< 1	3	251	8	0.42	<.01	< 10	0.07	100	15	<.01	12	21	< 2	< 5	< 20	26	<.01	< 10	3	< 10	< 1

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (804) 573-5700 Fax 573-4557

EXPLORATIONS LTD.

SEPTEMBER 20, 1989

	Description	AU (ppb)	HG (ppb)
- 47	AXE LIN 1W	20	625
- 48	AXE LIN 2W	10	405
- 49	AXE LIN 3W	35	245
- 50	AXE LIN 4W	15	395
- 51	AXE LIN 5W	15	1010
- 52	AXE LIN 6W	5	380
- 53	AXE L1S 1W	20	330
- 54	AXE L1S 2W	45	295
- 55	AXE L1S 3W	40	250
- 56	AXE L1S 4W	10	170
- 57	AXE L1S 5W	15	690
- 58	AXE L1S 6W	10	780
- 59	AXE L2S 1E	520	460
- 60	AXE L2S 2E	30	210
- 61	AXE L2S 3W	95	145
- 62	AXE L2S 4W	20	100
- 63	AXE L2S 5W	15	115
- 64	AXE L2S 6W	25	560

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

9/TE CK6

TECK EXPLORATIONS LTD.
ETK 89-707A
Page 3
September 20, 1989

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
707.47	AXE L1N 1E	<.2	2.45	120	8	210	< 5	0.35	1	40	110	112	4.45	0.64	26	1.47	394	4	<.01	227	363	10	< 5	< 20	19	0.14	< 10	96	< 10	17	135
707.48	AXE L1N 2E	<.2	2.15	28	6	142	7	0.21	< 1	20	104	60	3.51	0.39	< 10	1.31	493	< 1	<.01	76	417	17	< 5	< 20	10	0.09	< 10	68	< 10	3	74
707.49	AXE L1N 3E	<.2	2.34	40	8	226	14	0.39	< 1	22	126	44	3.24	0.40	< 10	1.53	569	< 1	<.01	98	290	20	< 5	22	29	0.11	< 10	82	< 10	4	85
707.50	AXE L1N 4E	<.2	1.63	47	8	129	8	0.16	< 1	22	91	47	2.97	0.24	< 10	0.92	467	1	<.01	63	286	14	< 5	< 20	< 10	0.08	< 10	64	< 10	3	66
707.51	AXE L1N 5E	<.2	1.69	75	6	160	< 5	0.18	1	20	95	60	2.99	0.24	11	0.95	468	< 1	<.01	71	297	15	< 5	< 20	16	0.08	< 10	62	< 10	6	64
707.52	AXE L1N 6E	<.2	1.69	87	8	133	19	0.42	< 1	19	85	41	2.74	0.16	< 10	0.90	391	< 1	0.01	59	380	15	9	< 20	20	0.08	< 10	60	< 10	4	65
707.53	AXE L1S 1E	<.2	2.39	50	7	188	< 5	0.34	< 1	33	165	62	3.00	0.29	14	1.24	541	1	<.01	100	350	19	13	< 20	22	0.09	< 10	87	< 10	15	63
707.54	AXE L1S 2E	<.2	1.91	45	5	102	13	0.12	< 1	19	70	53	2.58	0.23	< 10	0.87	353	< 1	<.01	62	289	14	< 5	< 20	11	0.08	< 10	53	< 10	4	39
707.55	AXE L1S 3E	<.2	1.91	42	6	115	12	0.34	< 1	30	174	38	3.62	0.22	< 10	1.79	716	< 1	<.01	220	381	14	5	22	22	0.05	< 10	61	< 10	< 1	60
707.56	AXE L1S 4E	<.2	1.23	24	6	124	< 5	0.15	< 1	12	73	37	2.59	0.16	< 10	0.60	375	1	<.01	50	620	8	< 5	< 20	14	0.05	< 10	58	11	2	49
707.57	AXE L1S 5E	<.2	1.79	95	8	200	< 5	0.39	< 1	21	97	54	2.87	0.37	11	1.13	547	< 1	<.01	90	473	17	< 5	< 20	23	0.07	< 10	64	< 10	7	62
707.58	AXE L1S 6E	<.2	1.41	53	8	139	< 5	0.27	< 1	18	76	53	2.60	0.30	< 10	0.85	531	< 1	<.01	55	310	13	< 5	22	15	0.07	< 10	58	< 10	4	57
707.59	AXE L2S 1E	<.2	1.64	161	4	106	13	0.31	2	77	326	52	5.67	0.11	12	2.42	932	< 1	<.01	900	267	20	28	< 20	10	0.03	< 10	73	< 10	7	48
707.60	AXE L2S 2E	<.2	1.35	26	9	170	< 5	0.25	< 1	20	79	44	2.34	0.19	< 10	0.83	850	< 1	0.01	89	431	14	< 5	< 20	15	0.06	< 10	67	< 10	3	44

TECK EXPLORATIONS LTD.
ETK 89-707A
Page 4
September 20, 1989

ETK	DESCRIPTION	Ag	Al%	As	B	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	K%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
707.61	AXE L2S 3M	<.2	1.36	73	7	100	8	0.10	< 1	22	113	33	2.89	0.08	< 10	1.05	480	< 1	<.01	168	371	17	10	< 20	13	0.08	< 10	60	< 10	2	47
707.62	AXE L2S 4M	<.2	1.46	43	6	125	7	0.10	< 1	14	49	42	2.08	0.11	< 10	0.64	223	< 1	<.01	43	253	11	< 5	< 20	12	0.08	< 10	43	< 10	4	37
707.63	AXE L2S 5M	<.2	1.40	26	7	123	< 5	0.17	< 1	13	48	42	2.05	0.11	< 10	0.62	220	< 1	<.01	42	237	11	< 5	< 20	12	0.07	< 10	42	< 10	4	35
707.64	AXE L2S 6M	<.2	1.64	35	8	147	6	0.22	< 1	15	72	52	2.30	0.25	< 10	0.91	253	< 1	0.01	46	255	15	< 5	< 20	14	0.08	< 10	55	< 10	4	50

[redacted]

NOTE: < = Less than

ECO-TECH LABORATORIES LTD.
[redacted]
B.C. CERTIFIED ASSAYER

APPENDIX IV

STATEMENT OF EXPENSES

STATEMENT OF EXPENSES

Wages:	F. Daley	3 days @ 255.15/day May 3, Aug. 12,13	$	765.45
	J. Pautler	87 days @ 235.95/day May 3-5,(9-11,14,15,18, 23-26), 29-30 (June 1,5-6) 11-15,19-30 July 1-4,6-25,29-30 Aug 2-23,25 (28-31) (non field days)		20,527.65
	C. Lormand	80 days @207.35/day (June 1,5-9) 10-30 July 1-4,6-27,29-31 Aug 2-17,19-23,25(28-29)		16,588.00
	Ted Archibald	84 days @165/day (May 23-26)29-30,(31) (June 1,5-9)10-16,19-30 July 1-4,6-14,16-17,19-30 Aug 2-17,19-23,25(27-29)		13,860.00
	Hugh Stewart	72 days @135.85/day (May 17-19,23-26),29-30,(31) (June 1,5-9) 10-31 July 1-4,6-17,19-30 Aug 1-12		9,781.20
	Total:	323 m/d	$	61,522.30
Groceries:	Pemberton Shop Easy 277m.d. @16.50/day			4,570.50
Meals and Accommodation in town:(remainder of time in fly camp)				
	May	821.70		
	June	1,710.85		
	July	292.60		
	Aug.	308.00		
		3,133.15		3,133.13
Truck Rental:		3.5mo x 2 x 1,100/mo		7,700.00
		gas		750.00
Field Supplies:		(flagging tape,thread,sample bags etc)277md @ 16.50/md		4,570.50
Camp Supplies		(propane,tents,hardware etc.) 277md @22/md		6,094.00
Maps and Photos				716.23
Radio Rental		2 radios x 3 months @250/mo ea		1,500.00

Geochemistry: all analyzed for Au,Hg + 30 el ICP

1,097 Rocks	@ 23.1 ea	= 25,340.70		
13 Pans	@ 24.2 ea	= 314.60		
468 Soils	@ 20.24 ea	= 9,472.32		
97 Silts	@ 20.24 ea	= 1,963.28		37,090.90
		Freight:		1,072.50

Helicopters: Pemberton Helicopters
Box 579,Pemberton, B.C.

Date	Hours	Cost		
May 3	1.6	979.80		
June 6	1.7	1,145.50		
July 7	0.8	540.00		
8	1.8	1,215.00		
19	1.9	1,184.00		
July 25	1.4	873.00		
29	1.6	997.00		
Aug. 2	0.7	437.00		
Aug. 4	1.7	1,061.00		
Aug.12,13	3.2	1,994.00		
Aug.16,23	4.1	2,552.00		
Aug 18	3.3	2,061.00		
Total:	23.8	15,039.30	+ 10% (fuel)	16,543.23

Report and Drafting: 14,300.00

TOTAL: $ 159,563.31

The total amount applies to the individual groups as follows:

Group A:	38,626
Group B:	24,066
Group C:	40,700
Group D:	20,071
Group E:	28,100
Group F:	8,000

APPENDIX V

STATEMENT OF QUALIFICATION

STATEMENT OF QUALIFICATION

I, Jean Marie Pautler, do hereby certify that:

1) I am a geologist and have worked in the Canadian Cordillera for the past ten years.

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

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

4) I supervised and directed a field program on the X-Cal 1-27 Goof and Star claims for Teck Explorations Ltd between May 3rd and August 25, 1989.

Jean Pautler

Jean Pautler
Project Geologist.

TABLE OF LITHOLOGICAL UNITS:

Tertiary

- Dykes: Basalt and lamprophyre dykes
- Tg: miarolitic granite
- Tv: andesitic to dacitic volcanics and porphyries

Cretaceous – Coast Plutonic Complex (CPC)

- Bendor Granodiorite
- Granodiorite, local Quartz-Diorite, related feldspar porphyry dykes
- apophyses of Soda Granite related quartz feldspar porphyry and albitite dykes

PRESIDENT ULTRABASIC COMPLEX: pyroxenites, dunites, largely altered to serpentinite (Um, Serp.)

U.Triassic

CADWALLADER GROUP

- HURLEY FORMATION: green, brown, black argillite, cherty argillite; local greywacke, limestone horizons; upper dacite to andesite volcanic breccias; basal conglomerate; limestone and chert pebble conglomerates.
- PIONEER FORMATION: greenstones, basic volcanics; includes pillow lavas, massive and pyroclastic units

Pre Permian?

- BRALORNE DIORITE: mottled greenish grey, variable texture quartz diorite-diorite-gabbro.
- BRIDGE RIVER GROUP: chert, some marble; schist, gneiss, hornfels; phyllite, argillite in less metamorphic areas, greenstone, basalt includes pillow lavas

LEGEND:

Lithology

R : Rhyolite
Rd : Rhyodacite
D : Dacite
A : Andesite
B : Basalt
G : Granite
QM : Quartz Monzonite
GDi : Granodiorite
QDi : Quartz Diorite
Di : Diorite
Arg : Argillite
Ch : Chert
Sts : Siltstone
Cgl : Conglomerate
GW : Greywacke
Phy : Phyllite
Hfs : Hornfels
Sch : Schist
Ms : Metasediment
Mv : Metavolcanic
Gst : Greenstone
Um : Ultramafic
Serp: Serpentinite
Alb : Albitite
Lamp: Lamprophyre

Textures

t : tuff
lap t: lapilli tuff
agg : agglomerate
bv : breccia
p : porphyry

Structures

dy : dyke
v : vein
shr : shear
bx : breccia
mig : migmatite
sw : sweat

Alteration

a : altered
sil : silicified
cl : clay
list : listwanite
carb : carbonate
ank : ankerite
r : rusty

Minerals

py : pyrite
cp : chalcopyrite
po : pyrrhotite
sp : sphalerite
tetra: tetrahedrite
aspy : arsenopyrite
mal : malachite
az : azurite
q : quartz
cal : calcite
ep : epidote
trav : travertine
gnt : garnet
bio : biotite
tc : talc
f : feldspar

Modifiers

w : weak
m : moderate
s : strong
i : intense
l : local
chy : cherty
arg : argillaceous
phy : phyllitic

Symbols

- area of outcrop, float
- general area outcrop, subcrop, talus
- alteration zones
- strike and dip of bedding, foliation, joints
- quartz veins with (width in cm)
- faults, shears

0 500 1000 Metres

GEOLOGICAL BRANCH ASSESSMENT REPORT

19,604

Fig. 3A

TECK EXPLORATION LTD.

Anderson Lake Project

GEOLOGY

NORTH SHEET

Technical Work by: J.P.C.L.H.S.T.A	Date: JANUARY 1990
Drawn by: B.M., E.W.	Scale: 1:10,000
Revisions:	Figure No:

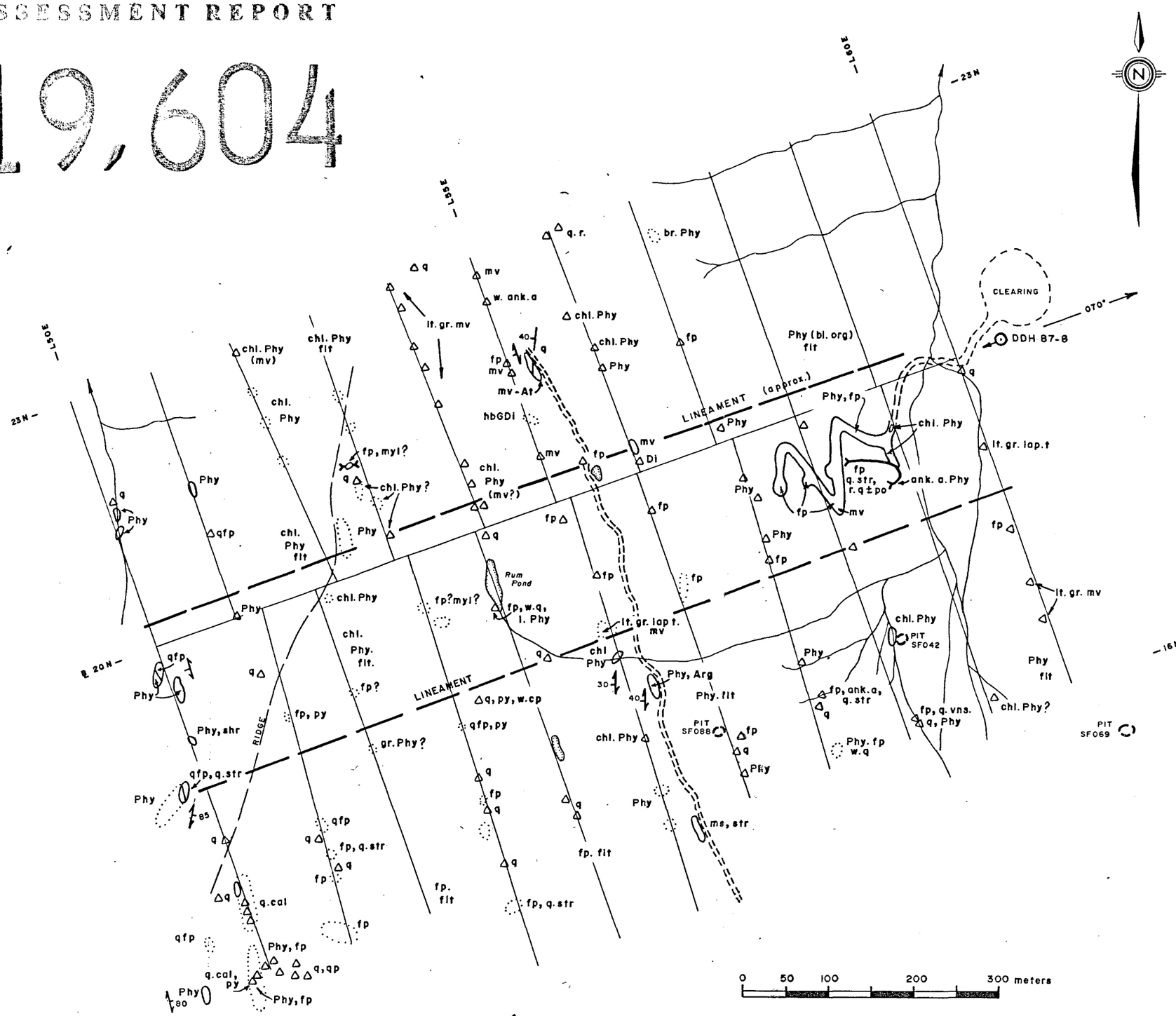

PROSPECTOR PEAKS
Creek
McGillivray
McGilli
Ck
L 5084
L 853
L 4363
L 538
L 5491
L 2663
L 4805
L 2664
BRIDGE RIVER GP.
HURLEY FM SEDS
SODA GRANITE
HURLEY FM
PIONEER FM?
PIONEER GST/Di
BRIDGE RIVER GP.
(CPC)
Fp DYKE SWARM
BRIDGE RIVER GP.
MT. MORGAN
SWITCHBACK TRENCHES See Detail
SHEAR ZONES
CAPTAINS GRID See Detail
BRALORNE DIORITE
HURLEY FM
HURLEY FM
Tv
Tv
Tg
PIONEER FM
BRIDGE RIVER GP.
BRITISH COLUMBIA
L 1954
L 1352
L 4713
L 4714
L 1790
L 4712
L 8579
L 8516
Bk B
Bk A
L 8565
Blackwater Lake
L 2688
GOOF
D'Arcy
2500
4500
1500
0
500
1000
Metres
NOTE: REFER TO FIG 3A FOR LEGEND
GEOLOGICAL BRANCH ASSESSMENT REPORT
19,604
Fig. 3B
TECK EXPLORATION LTD.
Anderson Lake Project
GEOLOGY
SOUTH SHEET
Technical Work by: J.P., C.L., H.S., T.A.
Drawn by: E.M., E.W.
Revisions:
Date: JANUARY 1990
Scale: 1:10,000
Figure No: 3B

LEGEND
(Au, Ag), As >100 ppm, Hg >1000 ppb, Cu >200 ppm, Pb >200 ppm, Zn >300 ppm, Bi >20 ppm, Sb >65 ppm
(ppb, ppm), unless specified g = g/t
●, ▲ 73601 Rock sample in place, float
● S24401 Soil sample
□, × T 73544 ST-01 Silt sample
× P24403 PC-01 H-009 Pan sample
■ 17,000 ppb Au Previous anomalous heavy mineral sample
McGILLIVRAY PASS
RANGE
Icefield
Creek
Connel Ck
McGillivray Creek
McGillivray Ck
PROSPECTOR PEAKS
L 8446
L 854
L 855
L 669A
L 664
L 5084
L 853
L 956
L 4363
CAMP
DIORITE ADIT
34,000,000 Au
Anomalous Values Only
0 500 1000
GEOLOGICAL BRANCH
ASSESSMENT REPORT
19,604
TECK EXPLORATION LTD.
Anderson Lake Project
GEOCHEMISTRY
NORTH SHEET
Technical Work by: J.P, C.L., T.A., H.S.
Date: OCT.-DEC., 1989
Drawn by: B.M., E.W.
Scale: 1 : 10,000
Revisions:
Figure No.: 4A

LEGEND
(Au, Ag), As >100 ppm, Hg >1000 ppb, Cu >200 ppm, Pb >200 ppm, Zn >300 ppm, Bi >20 ppm, Sb >65 ppm
(ppb, ppm), unless specified g = g/t
●, ▲ 73601 Rock sample in place, float
● S24401 Soil sample
× T73544 ST-01 Silt sample
× P24403 PC-01 Pan sample
■ 17,000 ppb Au Previous anomalous heavy mineral sample
PROSPECTOR PEAKS
Creek
McGillivray Ck
Switchback Vein
Captain's Grid See Detail
Blackwater Lake
Scott Creek
D'Arcy Ck
D'Arcy
BRITISH COLUMBIA
A N D E R S O N L A K E
L 5084
L 853
L 5491
L 4805
L 7622
L 2664
L 4802
L 3238
L 4803
L 4801
L 1120
L 100
L 4714
L 4713
L 4712
L 1352
L 8579
L 8516
L 8565
L 2688
L 1954
4500
2500
1500
0 500 1000
1:10,000
GEOLOGICAL BRANCH
ASSESSMENT REPORT
19,604
TECK EXPLORATION LTD.
Anderson Lake Project
GEOCHEMISTRY
SOUTH SHEET
Technical Work by: J.P., C.L., T.A., H.S.
Date OCT. - DEC., 1989
Drawn by: B.M., E.W.
Scale: 1 : 10,000
Revision:
Figure No: 4B

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,604



LEGEND

Phy	Phyllite
A	Andesite
Arg	Argillite
ms	Metasedimentary Rocks
mv	Metavolcanic Rocks
GDi	Granodiorite
t	tuff
lap t	lapilli tuff
p	porphry
flt	float
str, vns	stringers, veins
ank	ankerite
cal	calcite
cp	chalcopyrite
chl	chlorite
f	feldspar
hb	hornblende
py	pyrite
po	pyrrhotite
q	quartz
shr, myl	sheared, mylonitized
org	organic
a	altered
w	weak
r	rusty
lt	light
bl, br, gr	black, brown, green
arg	argillized

float, suboutcrop, outcrop

Attitude - foliation, bedding & contacts

trench, cat road

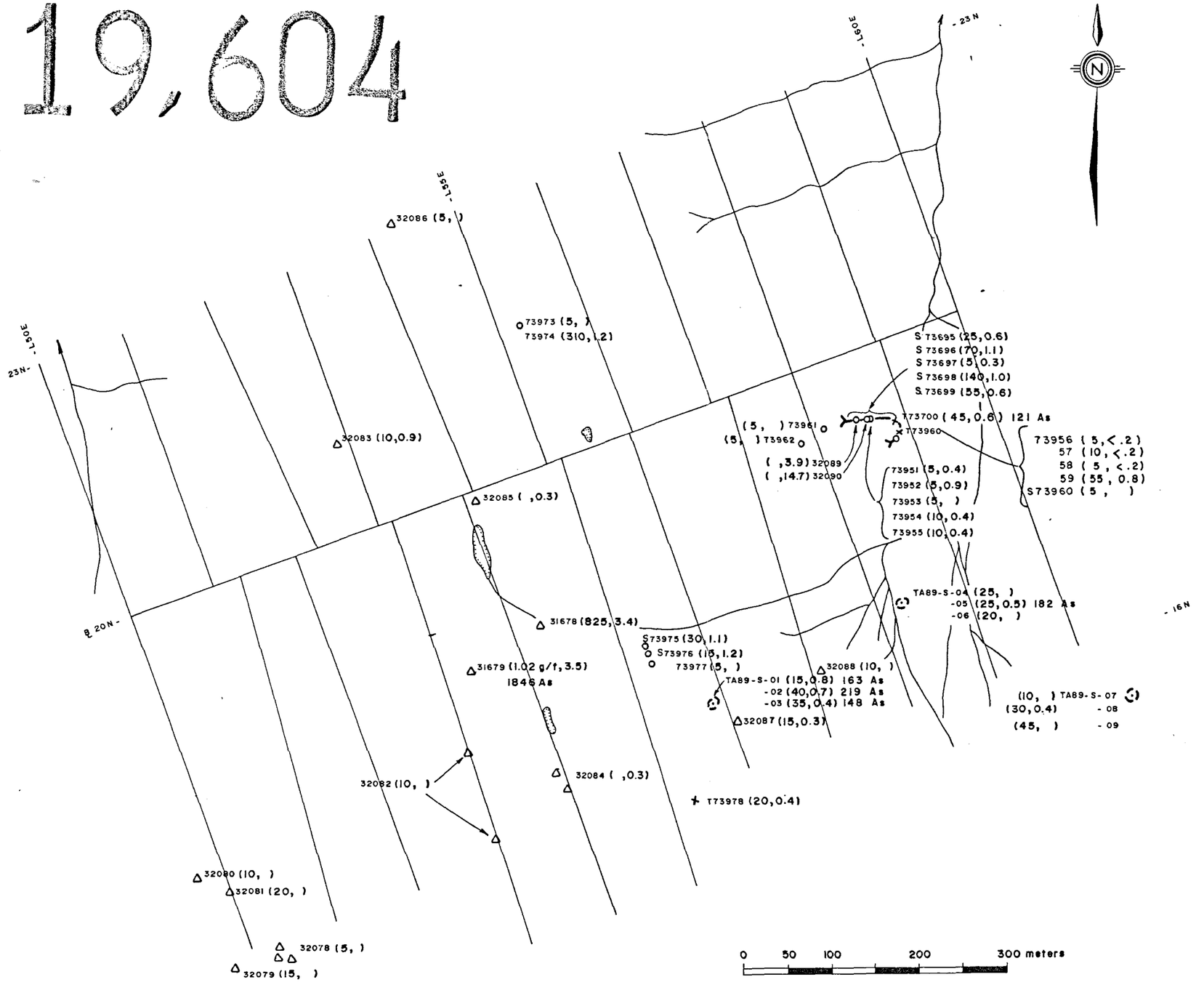
pond

FIGURE 6

Teck Explorations Limited	
Anderson Lake Property - Captains Grid	
GEOLOGY	
N.T.S. - 92 J/9W, 10E	SCALE - 1:5000
DATA - J.P.	DATE - NOV. 1989

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,604



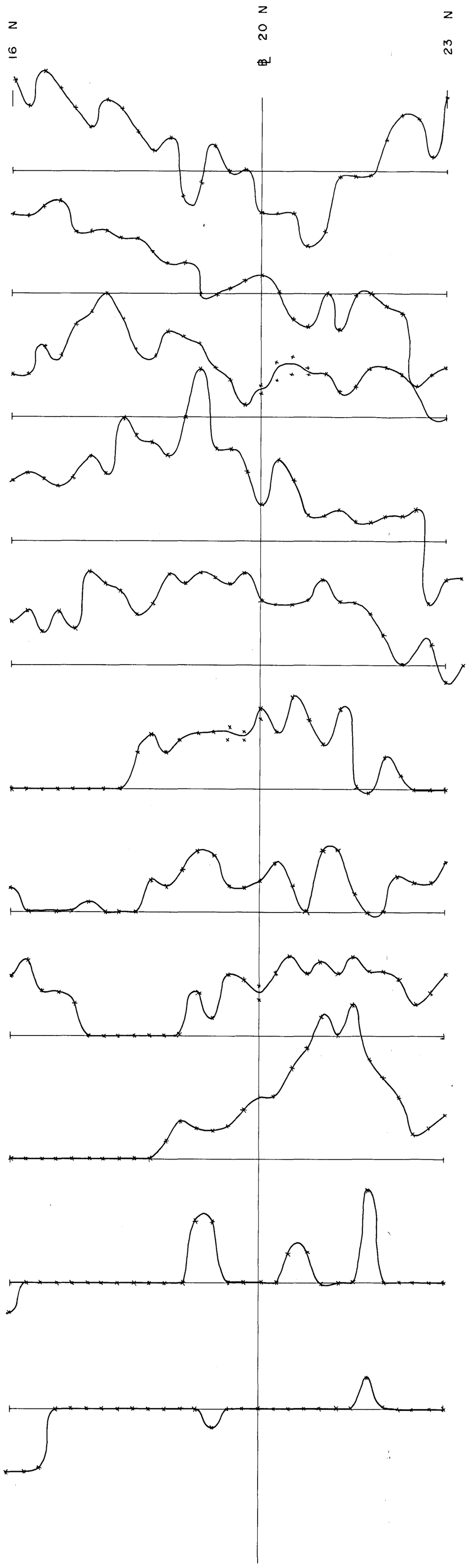
LEGEND

Au, Ag	(ppb, ppm) As (ppm)
△ ○	Rock sample (float, in place)
X	Silt sample
•TA89-S-04	Soil sample
	Pit
	Trench
	Pond

NOTE: Only values of ≥ 5ppb Au, ≥ 0.2ppm Ag are shown

FIGURE 7A

Teck Explorations Limited	
Anderson Lake Property - Captains Grid	
GEOCHEMISTRY	
N.T.S. - 92 J/9W, 10E	SCALE - 1:5000
DATA - J.P.	DATE - NOV. 1989



LEGEND

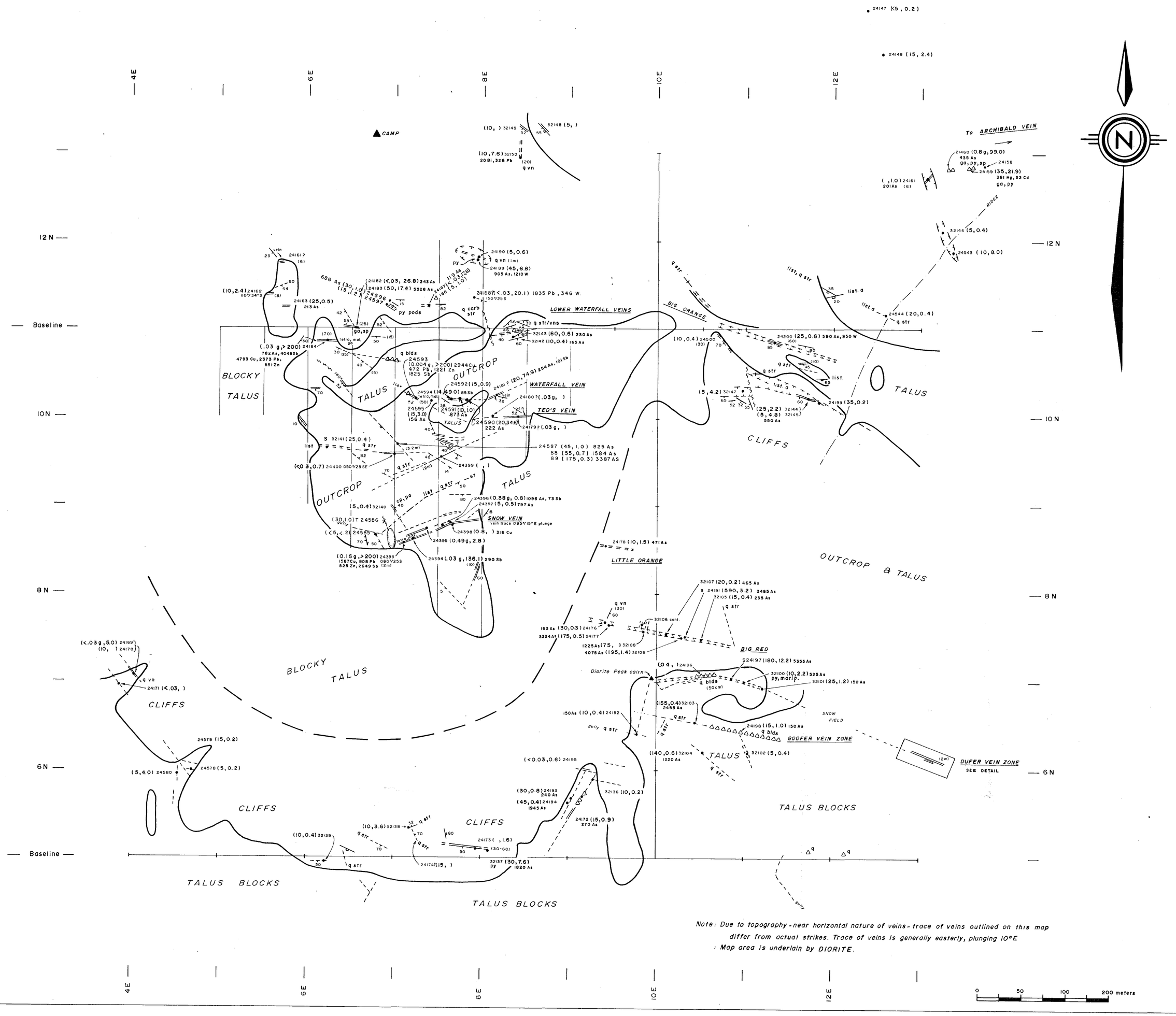
x IN-PHASE READINGS

+ 30°
+ 20°
+ 10°
0 50 100 150 m GRID LINE
HORIZONTAL SCALE = 1:5,000
- 10°
- 20°
VERTICAL SCALE = 1 cm = 10°

TECK EXPLORATIONS LIMITED

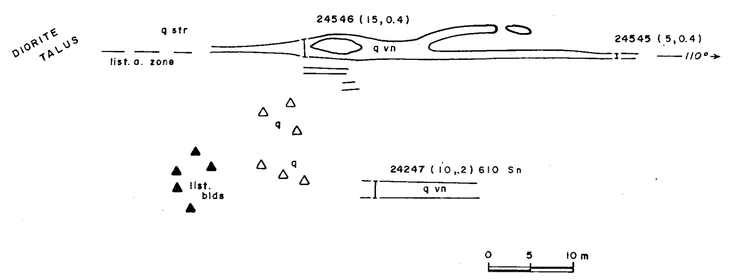
ANDERSON LAKE PROPERTY
CAPTAIN'S GRID
VLF-EM PROFILES

Technical work by: T.A., J.P.	Date: DEC. / 89
Drawn by: DBM	Scale: 1cm = 10°
NST: 92J/9W, 10E	Figure No.: 11



Note: Due to topography - near horizontal nature of veins - trace of veins outlined on this map differ from actual strikes. Trace of veins is generally easterly, plunging 10°E
: Map area is underlain by DIORITE.

DUFER QUARTZ VEIN - DETAIL SKETCH



LEGEND

cp	Chalcopyrite	py	Pyrite	list	Listwonite
ga	Galena	q	Quartz	carb	Carbonate
mal	Malachite	sp	Sphalerite	a	Altered
po	Pyrrhotite	tetra	Tetrahedrite	vn	Vein
marip	Mariposite	str	Stringer		

- • △ — Rock sample (local, float)
- (20,0.3) — Au (ppb), Ag (ppm)
- (0.6 g, 0.2) — Au (g/t), Ag (ppm)

Note: Values of <5 ppb Au and <0.2 ppm Ag are not shown.
Values for Cu, Pb, Zn, As and Sb are in ppm.

- Listwonite altered zone with quartz veins/stringers
- Small listwonite altered zone, carbonate quartz stringers (trace of veins)
- (6) — Quartz vein (maximum width in cm)
- Outcrop
- Attitude (foliation, vein, joint)
- Fault, shear
- Pond
- △△△ — Quartz boulders

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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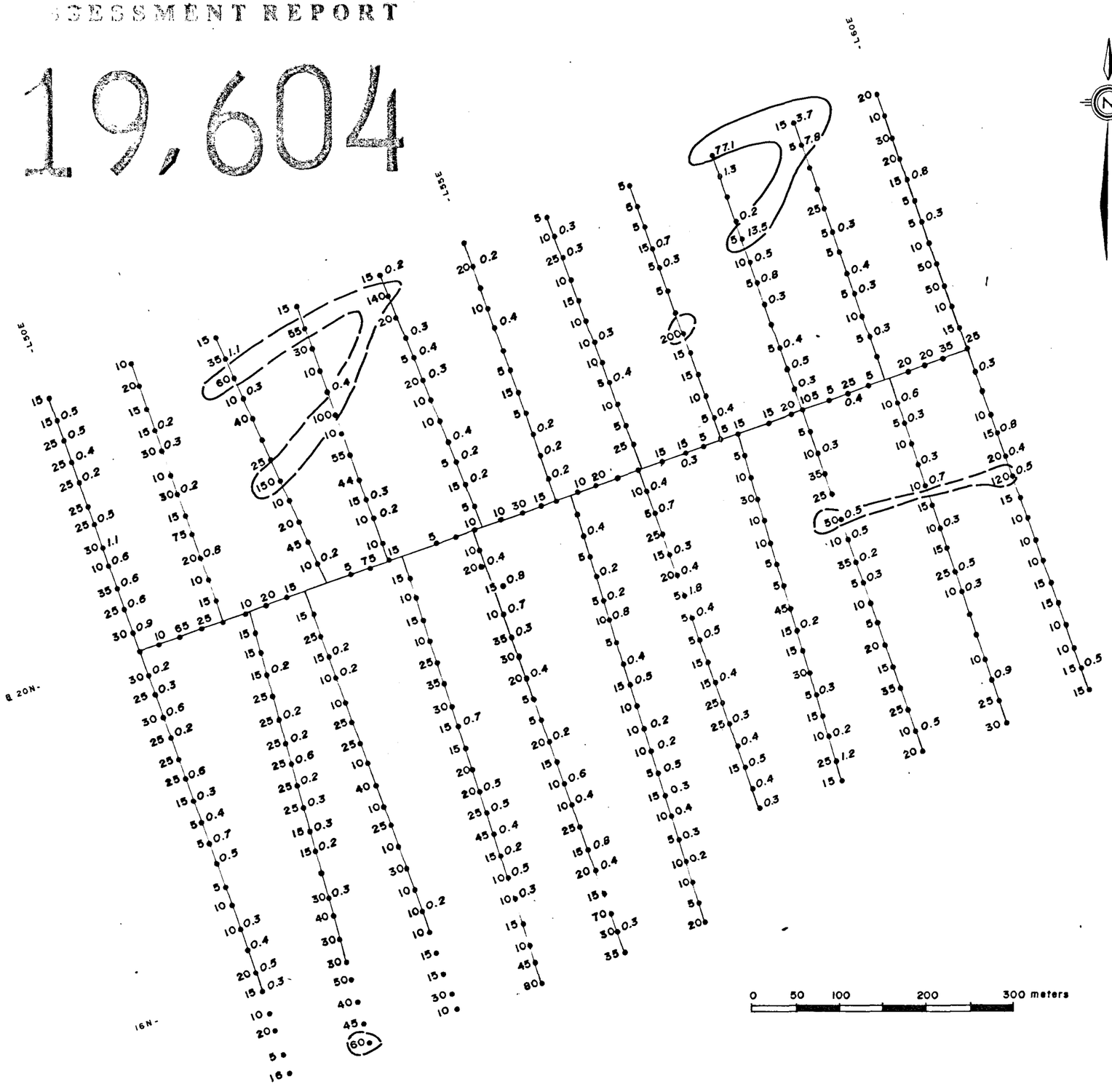
FIGURE 5

Teck Explorations Limited

ANDERSON LAKE PROPERTY
SILICON CIRQUE GRID

GEOLOGY and GEOCHEMISTRY

SCALE - 1:2500	DATE - NOV. 1989
DRAWN BY - G	DATA - J.P., C.L.
NTS - 92 J/9W, 10E	



10 / 1.2 Au (ppb), Ag (ppm)

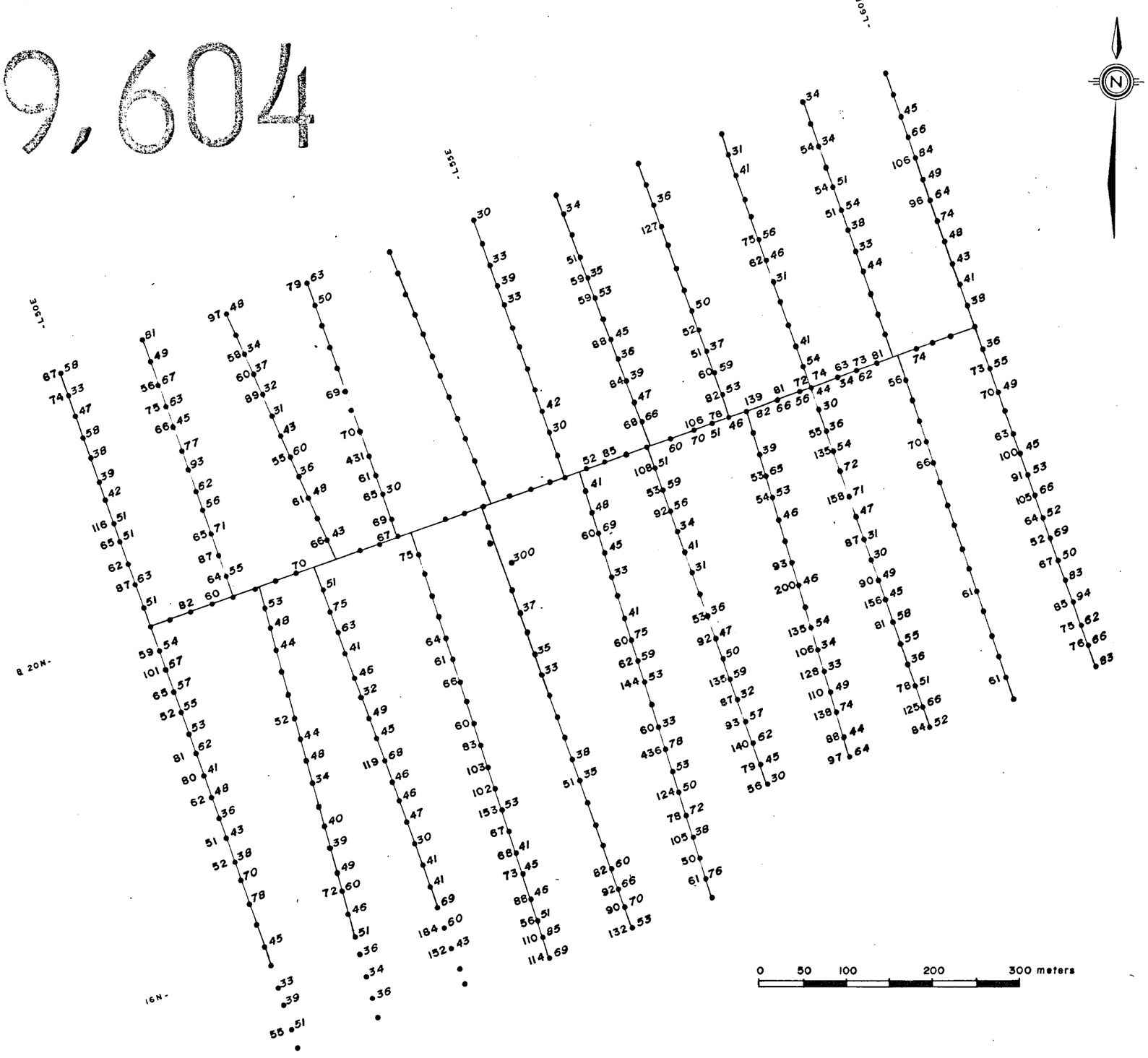
Note: Values <5 ppb Au and <0.2 ppm Ag are not shown.

> 50 ppb Au

> 5 ppm Ag

FIGURE 7B

Teck Explorations Limited	
Anderson Lake Property - Captains Grid Soil Geochemistry	
Au Ag	
N.T.S. - 92 J/9W, 10E	SCALE - 1:5000
DATA - J.P.	DATE - NOV. 1989



10 | 20 As (ppm), Sb (ppm)

Note: Values < 50ppm As and < 30ppm Sb are not shown.

FIGURE 7C

Teck Explorations Limited	
Anderson Lake Property - Captains Grid Soil Geochemistry	
As Sb	
N.T.S.- 92 J/9W, 10E	SCALE- 1:5000
DATA - J.P.	DATE - NOV. 1989

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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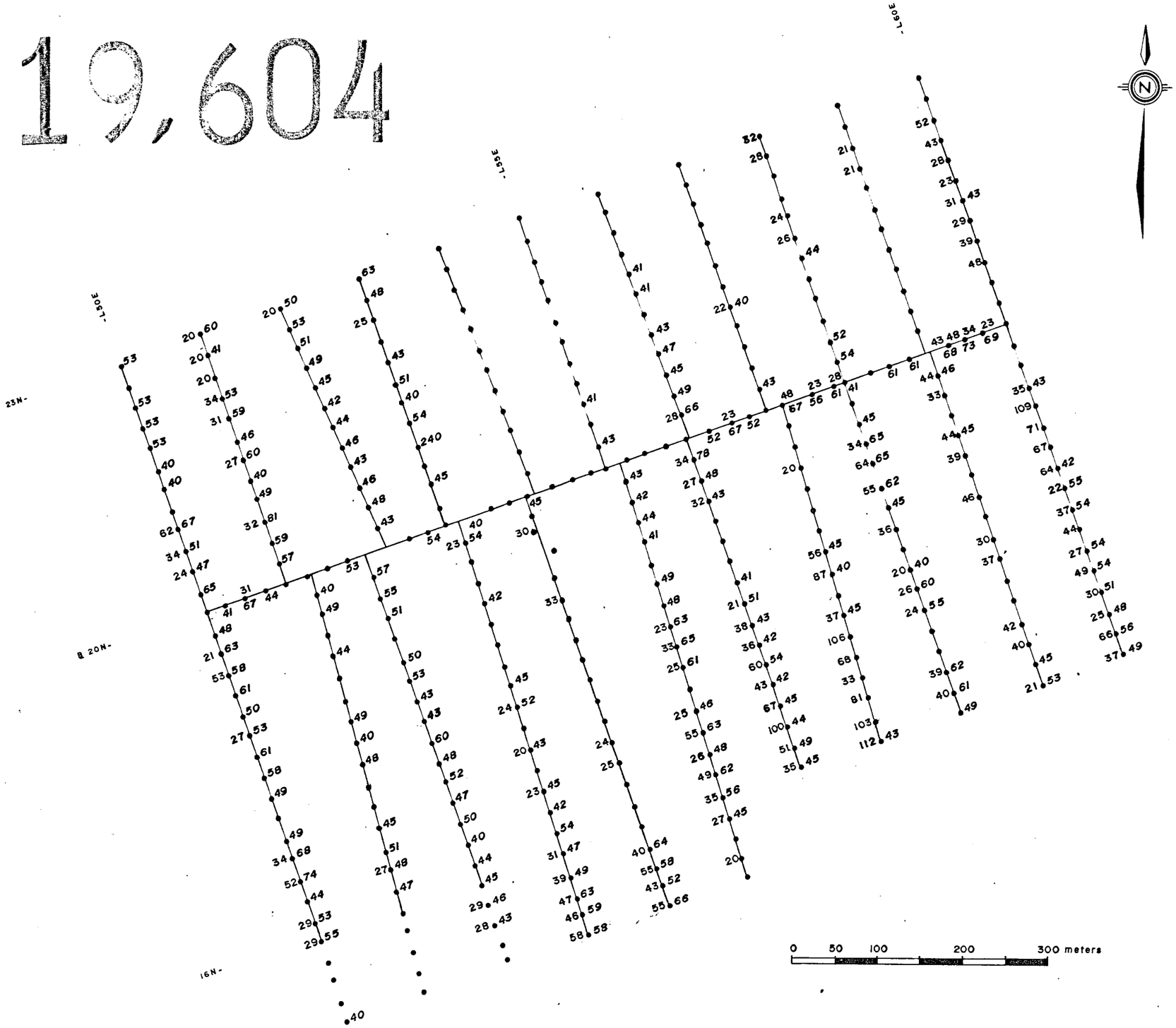
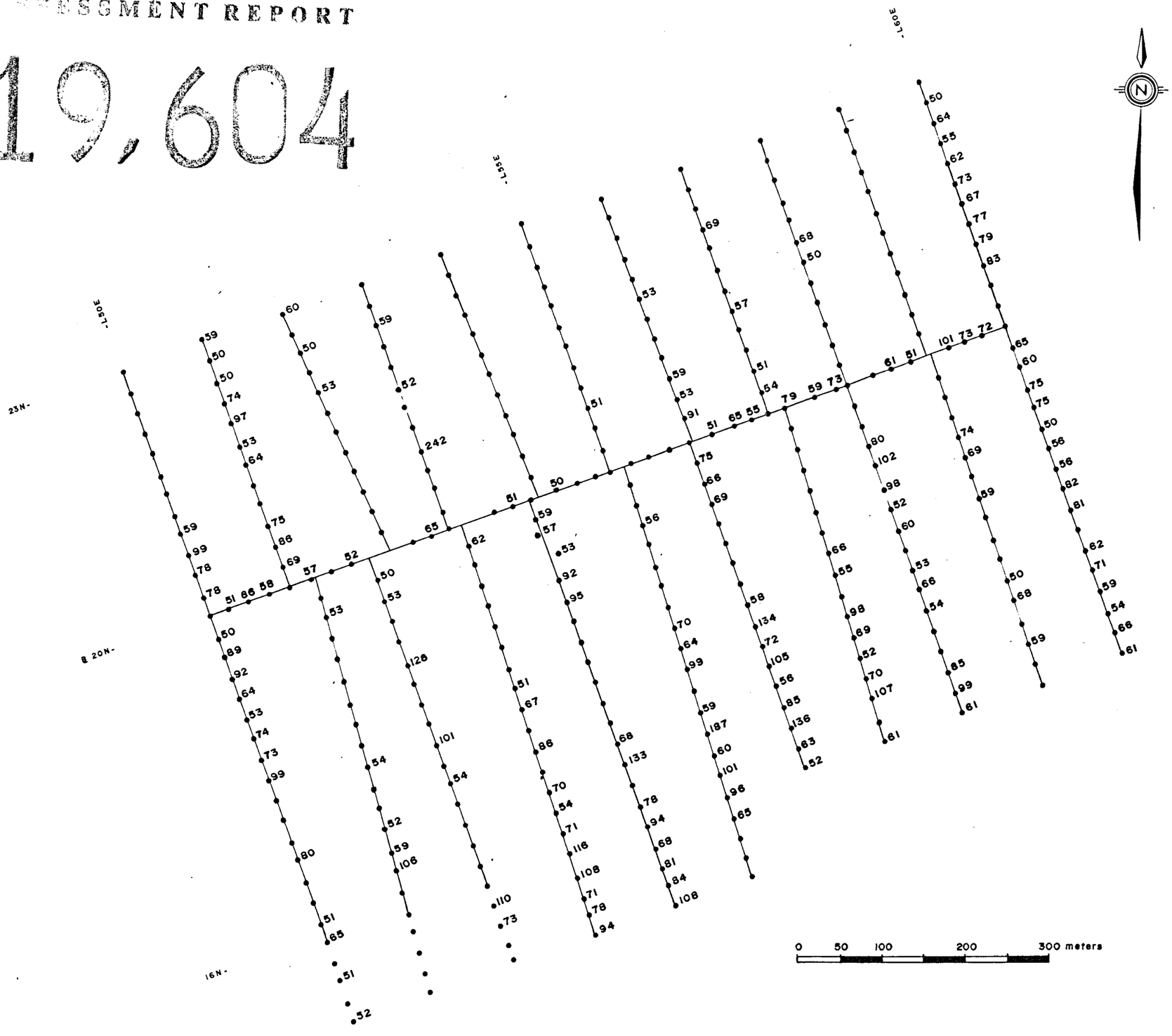


40 • 71 Cu(ppm), Pb(ppm)

Note: Values of <20 ppm Cu and <40 ppm Pb are not shown.

FIGURE 7D

Teck Explorations Limited	
Anderson Lake Property - Captains Grid Soil Geochemistry	
Cu Pb	
N.T.S.- 92 J/9W,10E	SCALE- 1:5000
DATA- J.P.	DATE - NOV. 1989

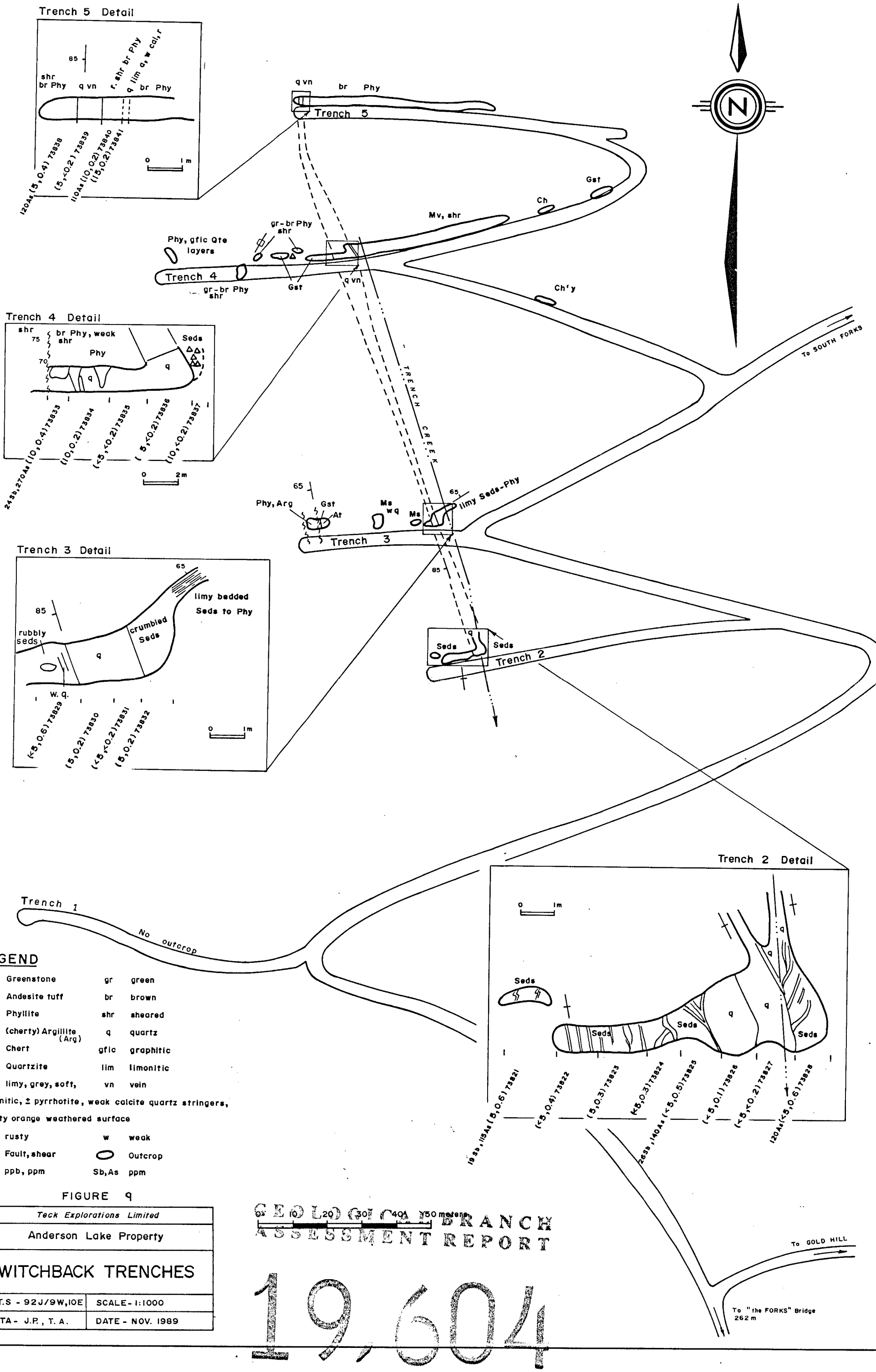


63 Zn (ppm)

Note: Values <50 ppm Zn are not shown.

FIGURE 7E

Teck Explorations Limited	
Anderson Lake Property - Captains Grid Soil Geochemistry	
Zn	
N.T.S.- 92 J/9W, 10E	SCALE- 1:5000
DATA - J.P.	DATE - NOV. 1989



LEGEND

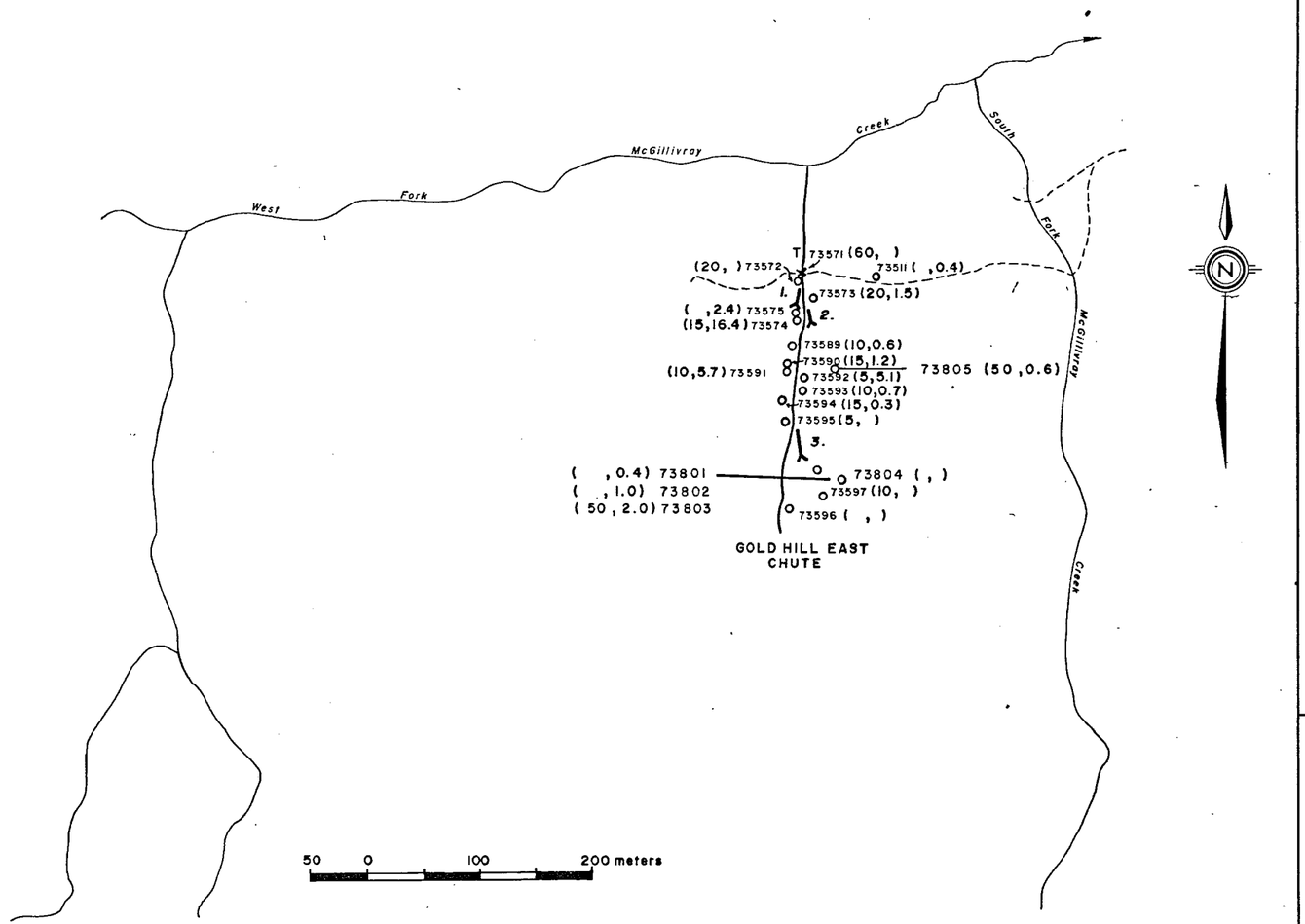
Gst	Greenstone	gr	green
At	Andesite tuff	br	brown
Phy	Phyllite	shr	sheared
Ms	(cherty) Argillite (Arg)	q	quartz
Ch	Chert	gfic	graphitic
Qte	Quartzite	lim	limonitic
Seds	limy, grey, soft, aphanitic, ± pyrrhotite, weak calcite quartz stringers, ± rusty orange weathered surface	vn	vein
r	rusty	w	weak
	Fault, shear		Outcrop
(Au, Ag)	ppb, ppm	Sb, As	ppm

FIGURE 9

Teck Explorations Limited	
Anderson Lake Property	
SWITCHBACK TRENCHES	
N.T.S - 92J/9W, 10E	SCALE - 1:1000
DATA - J.P., T.A.	DATE - NOV. 1989

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,604



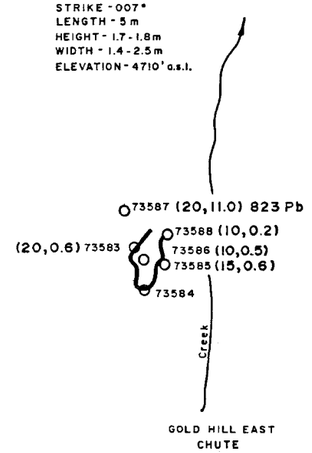
LEGEND

O	Rock sample
X	Silt sample
(Au, Ag)	ppb, ppm
	Adit

Note: Values of 5ppb Au, 0.2 ppm Ag are not shown.
As, Pb, Zn and Bi values shown are in ppm.

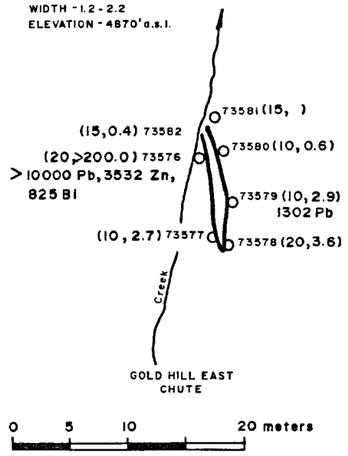
1. LOWER WEST GOLD HILL EAST ADIT

STRIKE - 007°
LENGTH - 5 m
HEIGHT - 1.7 - 1.8m
WIDTH - 1.4 - 2.5m
ELEVATION - 4710' a.s.l.



2. LOWER EAST GOLDHILL EAST ADIT

STRIKE - 347°
LENGTH - 10m
HEIGHT - 1.7 - 2.0m
WIDTH - 1.2 - 2.2
ELEVATION - 4870' a.s.l.



3. MAIN GOLD HILL EAST ADIT

STRIKE - 345°
LENGTH - 22 m
HEIGHT - 2.0 m
WIDTH - 2.0 m
ELEVATION - 5280' a.s.l.

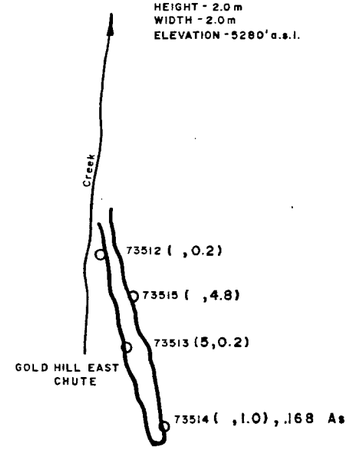


FIGURE 10

Teck Explorations Limited	
Anderson Lake Property Gold Hill East Adits	
GEOCHEMISTRY	
N.T.S. - 92J/9W,10E	
DATA - J.P., H.S.	DATE - NOV. 1989