Assessment

1997 GEOLOGICAL and GEOCHEMICAL REPORT

ON THE

CASTLE PROPERTY

NTS: 104G/16E

Latitude: 57°48'N

Longitude: 130°12'W

Liard Mining Division

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

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

Jean Pautler
December, 1997

SUMMARY:

The Castle property, comprising 90 units (2250 ha), was staked to cover a 7 km long Au, Ag, Cu bearing gossanous alteration zone, only 15 km west of the village of Iskut, B.C. and 70 km south of Dease Lake. An ATV trail accesses the eastern property area.

The property is primarily underlain by intermediate volcanic rocks and derived sedimentary rocks of the Jurassic Hazelton Group. These are intruded by felsite, feldspar porphyry and diorite dykes/sills. A Recent olivine basalt cinder cone is exposed in the northwestern property area.

The property is characterized by a 7 km long gossanous alteration zone that obtains widths up to 200m. The alteration consists of pyritized and propyliticly altered volcanic rocks with weak, but pervasive, pyrite-sericite-quartz alteration. More intense, but narrow pyrite-sericite-quartz assemblages (veins) are generally restricted to a conjugate set of structures that trend 35-70°/75-85°SE and 100-140°/70-85°SW.

Work consisted of 1:10,000 scale mapping of the property and mapping with concurrent rock sampling on the poorly explored and previously, largely unsampled Castle East Zone, which hosts the widest extent of alteration on the property (Photos 1-3), and the Castle Central Zone (Photos 4-5). A contract crew was utilized to chip sample, at 1.5m intervals, the steeper portions of the zone.

The higher gold values were obtained from quartz-carbonate-chalcopyrite veins, quartz-pyrite veins and in silicified zones, commonly associated with the pyrite-sericite-quartz bearing structures. The maximum values obtained were only 1.5 g/t Au over 3.0m, 2.34g/t Au over 1.5m and 2.82 g/t Au, 44.2 g/t Ag and 7.6% Cu from float.

Previously, it was found that the gold mineralization was hosted by the narrow pyrite-sericite-quartz structures. The three visible Au occurrences on the property are related to these structures and returned 1) 32.6 g/t Au over 1.0m, within a zone containing 7.35 g/t Au over 18.2m; 2) 40.5 g/t Au over 0.4m; and 3) 27.7 g/t Au over 1.0m.

In conclusion, Au is widespread on the Castle property, but so far not of sufficient grade to host a bulk tonnage deposit. Future work should try to narrow down smaller areas with higher grade. Small, high grade zones have been delineated on Castle Main but, as yet, the continuity is lacking. The potential lies proximal to northerly trending extensional features that should be identified and explored in detail. A detailed air photo interpretation and structural analysis of the core are recommended followed by a 1,500m diamond drill program across the Castle Main Alteration Zone and southeast of the previous drilling to more definitively outline the potential of this zone.

Photo 1: CASTLE EAST ALTERATION ZONE. View looking NE at 150 metre wide zone.

PHOTO 2: **view looking southeast**

Castle East Alteration Zone

PHOTO 3: **view looking southeast in area of chip sample Line A**

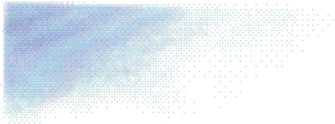


PHOTO 4:
Castle Central Zone
view looking northwest

PHOTO 5: **Castle Central Zone.** Detail view looking northwest

TABLE OF CONTENTS

APPENDICES

LIST OF FIGURES

Following Page

TABLE OF PHOTOGRAPHS

Following Page

1. LOCATION AND ACCESS (Figure 1)

The Castle property is located 15 km west of the village of Iskut, B.C. and 70 km south of Dease Lake. The property is situated on NTS map sheet 104G/16E, in the Liard Mining Division. Latitude and longitude of the property are 57°48'N, 130°12'W.

Access is by helicopter from Dease Lake with the possibility of temporary bases at Tatogga Lake, south of Iskut and at Bob Quinn. An ATV trail from Iskut accesses the eastern property area.

2. LEGAL DESCRIPTION (Figure 2)

The Castle property consists of 90 contiguous units covering an area of approximately 2250 hectares. The property is owned by Teck Corporation, Vancouver, B.C., with Silver Standard retaining a 10% interest. Teck Exploration Ltd., of Kamloops, B.C., was the operator. A table showing pertinent claim data follows:

Claim Name	Record No.	No. of Units	Expiry Date	Years to be Applied	New Expiry Date
Castle #2	221931	12	Mar. 26, 1999	2	Mar. 26, 2001*
CAS 1	222740	20	July 6, 1999	2	July 6, 2001*
CAS 2	222741	18	July 6, 1999	2	July 6, 2001*
CAS 3	222742	20	July 6, 1999	2	July 6, 2001*
CAS 4	222743	20	July 6, 1999	2	July 6, 2001*

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

3. PHYSIOGRAPHY

The claims lie on the southwest slope of Tsazia Mountain on the Klastline Plateau, northwestern B.C. Elevations on the property range from 1300m to 2130m. The property is entirely above tree line in rugged, mountainous terrain and alpine meadow-tundra. Although snow patches persist year round, the property is generally free from snow between late June and early September.

4. HISTORY

The Castle property was originally staked as the JO property by Sumitomo Metal Mining Canada in 1970. They subsequently completed a soil geochemical survey for Cu and drilled about 550m of diamond drilling. Apparently no Au analyses were performed and the core, logs and assays are not available.

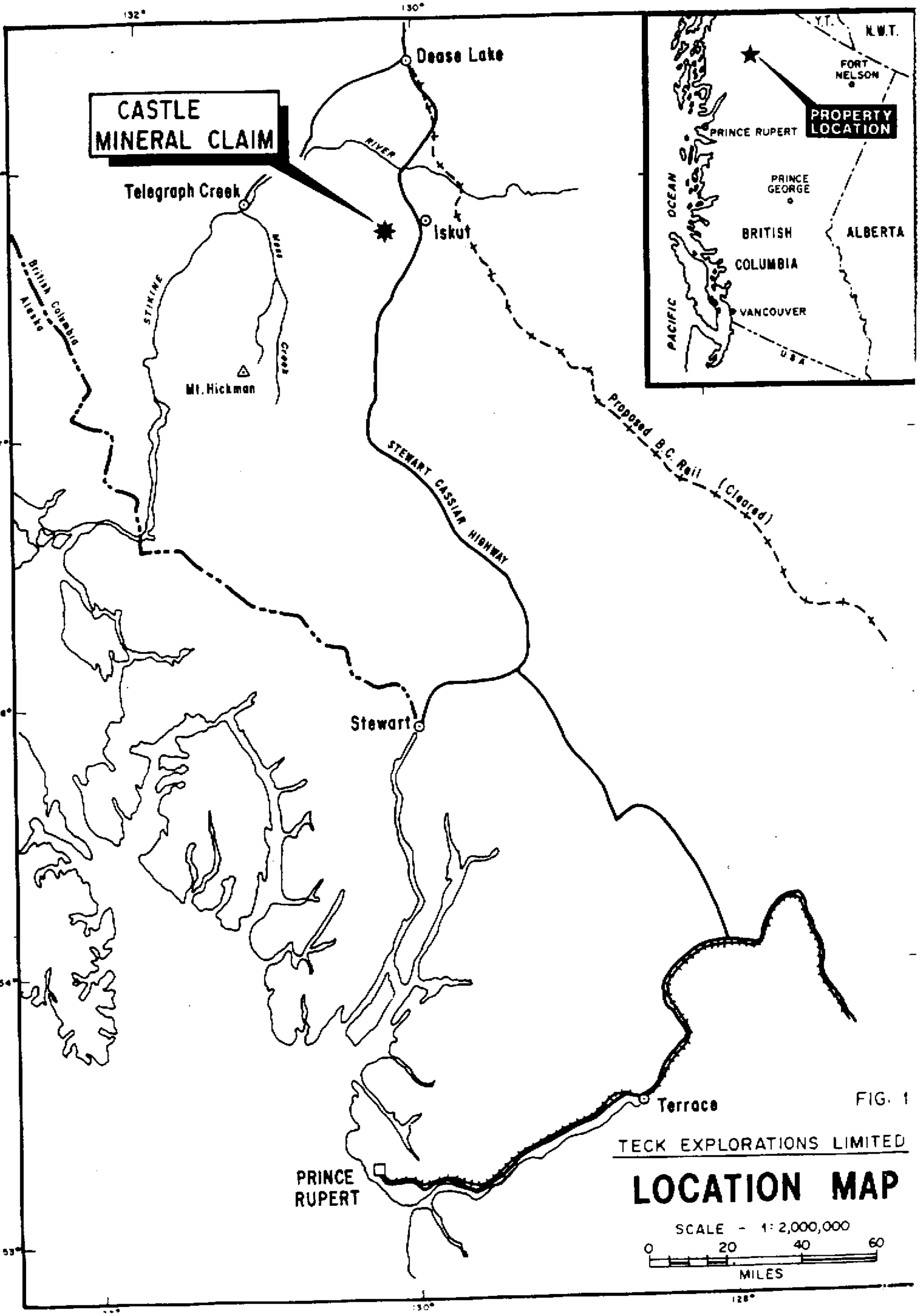
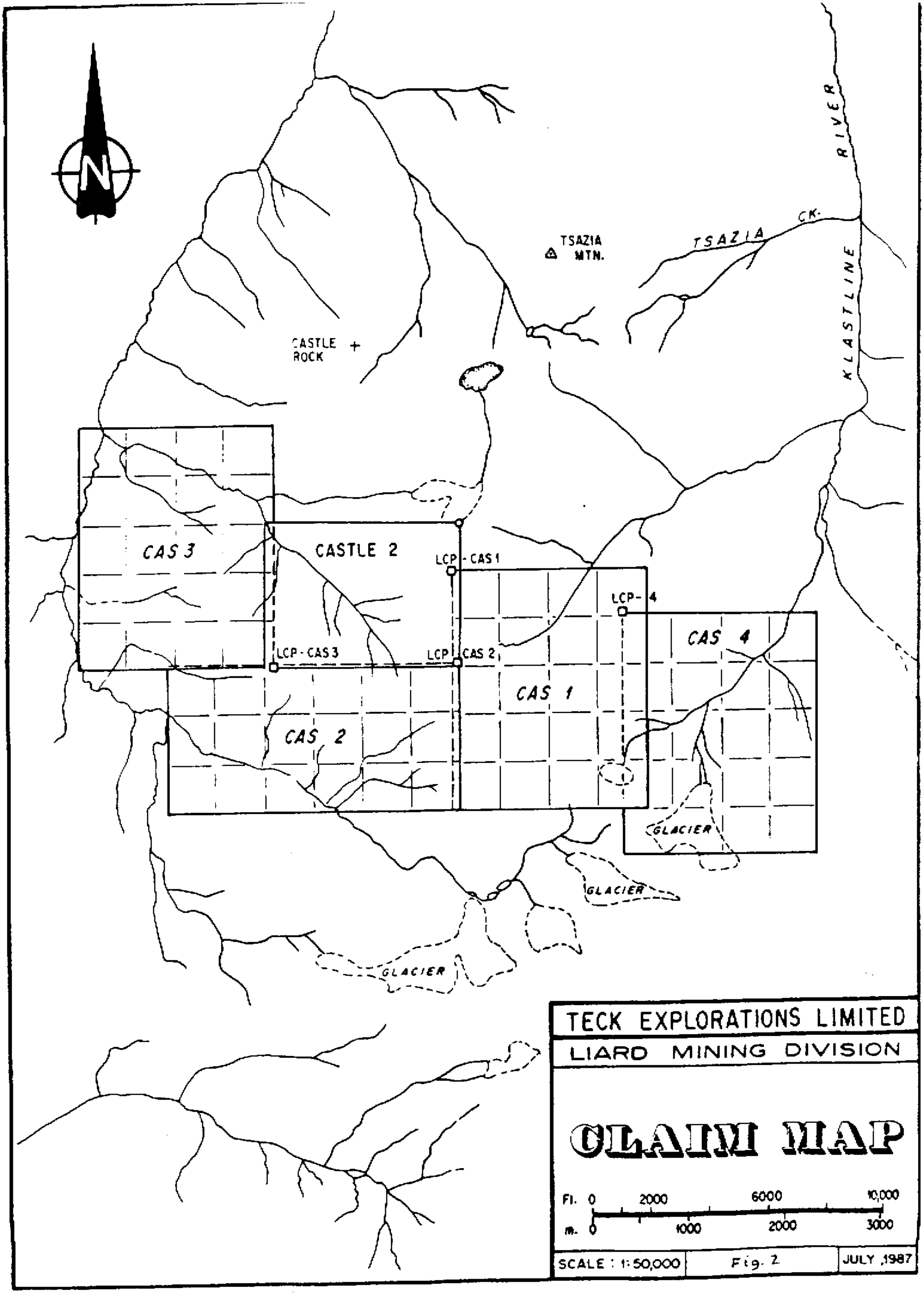


FIG. 1

TECK EXPLORATIONS LIMITED

LOCATION MAP



TECK EXPLORATIONS LIMITED

LIARD MINING DIVISION

CLAIM MAP

SCALE : 1:50,000	Fig. 2	JULY ,1987

The Castle #1 and Castle #2 claims, totalling 27 units, were staked by Teck in 1980 as part of a regional program. After limited soil sampling and mapping it was found that geochemical anomalies in Au, Ag and Cu were associated with a large, heavily pyritized zone in volcanic rocks. Castle #1 was allowed to lapse. In 1985, hand trenching, chip sampling, magnetometer, self potential and VLF surveying yielded positive results with Au values up to 8.2 g/t over 3m. The CAS 1 to CAS 4 claims were added in 1987.

In 1987, in a JV agreement with Kappa Resource Corporation, Teck completed geophysical, geological and soil geochemical surveys as well as hand trenching. New gold showings were discovered with one returning 32.6 g/t Au over 1.0m. The JV completed 1190m of diamond drilling in 11 holes in 1988. Significant results include 4.5 g/t Au over 7.6m, including 11 g/t Au over 1.2m (in DDH 88-7).

In 1990, a new Au zone was discovered by Triumph Resources, assaying 27.7 g/t Au over 1.0m, while conducting a program of additional hand trenching and geochemical sampling. Values of 5.6 g/t Au over 17.8m were obtained from the DDH 88-7 area and 7.35 g/t Au over 18.2m from the vicinity of the above 1987 Au showing.

5. 1997 WORK

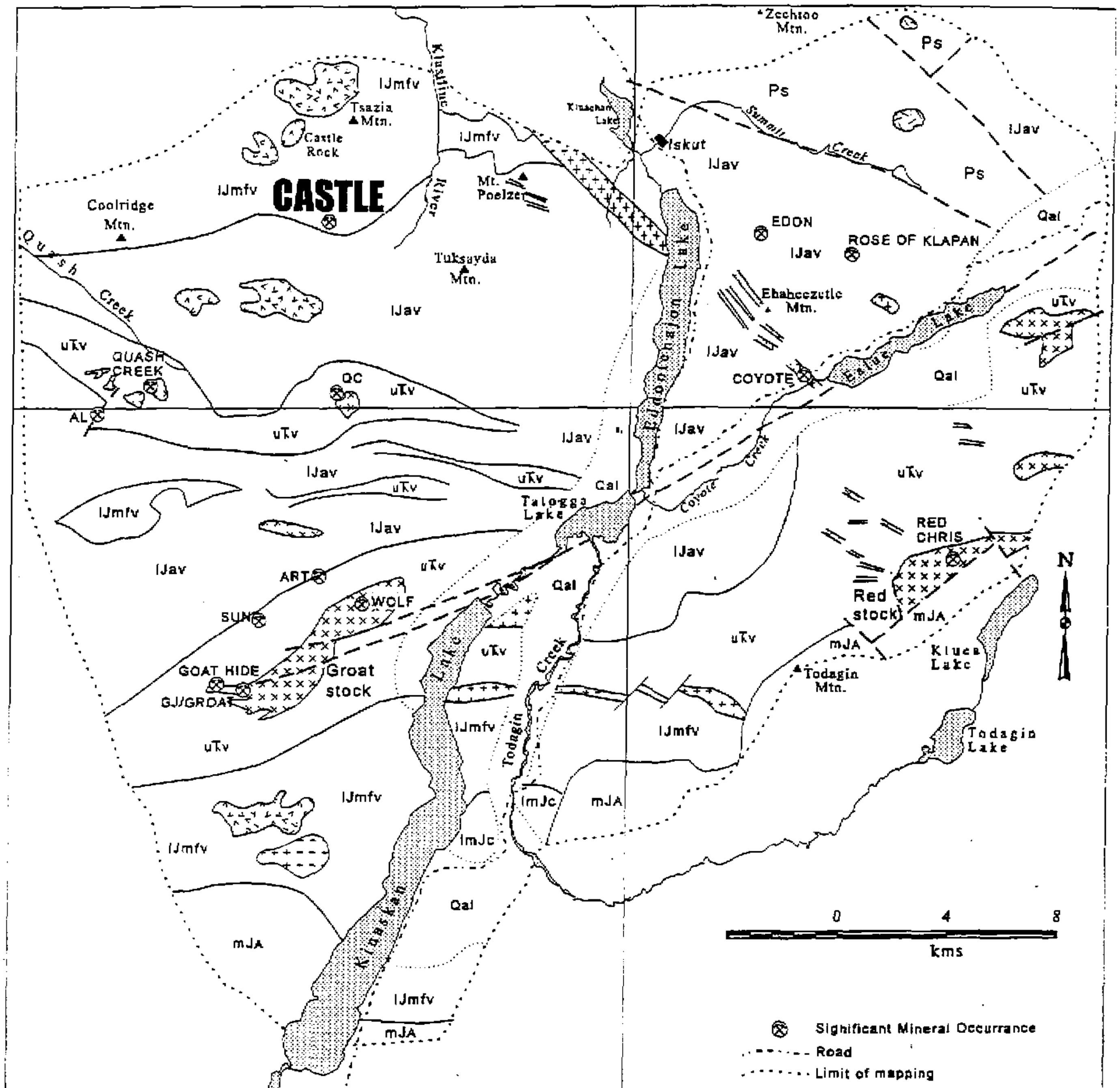
A total of 38 man days were spent on the Castle property between July 23 and August 17, 1997. Work consisted of 1:10,000 scale mapping of the property (not previously undertaken) and mapping with concurrent rock sampling on the poorly explored and, previously largely unsampled Castle East Zone, which hosts the widest extent of alteration on the property, and the Castle Central Zone. A contract crew was utilized to chip sample the steeper portions of the zone.

6. GEOLOGY

a) Regional (Figure 3)

For a thorough description of the regional geology of the Telegraph Creek Map Area, including the Castle area, refer to Ash, 1997 and Souther, 1972.

The property lies within the Klastline Plateau which is predominantly underlain by probable Lower Jurassic intermediate flows and pyroclastic rocks and fine grained sedimentary rocks of the Hazelton Group (previously mapped as Upper Triassic Stuhinni Group). In the southern property area the volcanic and sedimentary units occur, primarily in fault contact, along an east-west trend which transects the width of the plateau. The central portion of the plateau is occupied by Quaternary black olivine basalt tephra.



Layered Rocks

Tertiary to recent

- olivine basalt
- Qal — glacial till, unconsolidated sediment

Middle Jurassic

Bowser Lake Group

- mJA — Ashman Formation; marine clastic sediments

Hazelton Group

Lower to Middle(?) Jurassic

- lmJc — heterolithic volcanic conglomerate

Lower Jurassic

Pliensbachian to Toarcian

- lJmfv — mafic and felsic volcanics; mudstone, sandstone, minor limestone

Hettangian to Sinemurian

- lJav — andesite volcanic breccias and derived epiclastics

Middle (?) -Upper Triassic

Stuhini Group

- uTv — volcanic sandstone; siltstone; mudstone; chert; augite phyric mafic volcanics; minor limestone

Middle(?) Paleozoic

Stikine Assemblage

- Ps — phyllitic greenstone and siltstone; bedded limestone; banded marble, minor schistose felsic volcanic; locally overlain by uTv

Plutonic Rocks

Early Jurassic

Pliensbachian to Toarcian (180-185 Ma)

- alkali granite/felsite
- pyroxene diorite

Hettangian to Sinemurian (198-205 Ma)

- hornblende quartz monzodiorite to diorite

Late Devonian (at least 365 Ma)

- tonalite

FIG. 3

TECK EXPLORATION LTD.

Castle Property - REGIONAL GEOLOGY

from ASH et al, 1997

b) Property (Figure 4 - 5)

The Castle property is primarily underlain by intermediate volcanic rocks and derived sedimentary rocks of the Jurassic Hazelton Group. The intermediate volcanic rocks consist of green and maroon volcanic breccias and tuffs that are commonly feldspar and hornblende porphyritic and of trachyandesite composition. The presence of feldspar and hornblende phenocrysts as opposed to pyroxene, supports the Hazelton Group affiliation.

The intermediate volcanic rocks have been subdivided into three main units:
Unit Mt,3: -maroon, distal tuffs
Unit Cfr,2 -coarse andesitic fragmentals
Unit Vo,1: -interbedded andesites and breccias that are commonly porphyritic

Unit Vo,1 is considered to be the oldest unit exposed on the property due to its exposure in the valley bottoms. Unit Cfr,2 may be a proximal facies equivalent to Vo,1. Unit Mt,3 appears to overlie the other units. The above units appear to correlate with the older volcanic suite of the Lower Jurassic Hazelton Group, as defined by Ash et al, 1997.

In the southern property area, fine grained epiclastic sedimentary rocks, consisting of mudstones, siltstones, grits and limestones, are exposed to the south of an easterly trending thrust fault. The volcanic/sedimentary contact for the most part follows the thrust but the sediments appear to overlie the volcanic rocks in the southeast on Cas 1. Limestone, argillite and tourmalinized siltstone are exposed on the north Castle #2 claim. The tourmalinization may be related to a large, elongate felsite body that occurs in this area. The sedimentary succession appears to correlate with those described in the younger suite of the Lower Jurassic Hazelton Group (Ash et al, 1997).

The above units are intruded by felsite, feldspar porphyry and syenodiorite sills and dykes. The felsite is orange-brown in colour, aphanitic to weakly porphyritic and appears to occur as sills and some dykes. The feldspar porphyry sills are similar in colour but are medium grained and more porphyritic. The syenodiorite is similar in composition to the porphyritic andesites and may be coeval.

A visually striking, recent olivine basalt cinder cone is exposed in the northeastern property area.

c) Structure

A regional easterly trending thrust fault dissects the property, primarily separating the volcanic and sedimentary sequences. The lithologies strike northwest and dip 70-85° southwest. A major fault appears to follow the main creek in a north-northwest (150-160°) direction which has been displaced by north-northeast (25-35°) faults. The alteration zone on Castle #2 (Main Zone) trends northwest (135°/SE) with internal structures trending 100-130° and 35-70°. On Cas 1, the alteration zone (Castle East) trends northeast (45-60°/SE) with conjugate structures at 100-120°/SW.

d) Alteration (Photos 1-5)

The property is characterized by a 7 km long gossanous alteration zone that obtains widths up to 200m. The most intense alteration and highest pyrite content occurs proximal to the change in direction of the alteration zone, on the Cas 1 claim. This area is referred to as the Castle East Zone.

The alteration consists of pyritized (5-8%) and propyliticly (chlorite, epidote, ±magnetite) altered volcanic rocks with weak, but pervasive, pyrite-sericite-quartz alteration. More intense, but narrow pyrite-sericite-quartz assemblages (veinlets) are generally restricted to a conjugate set of structures that trend 35-70°/75-85°SE and 100-140°/70-85°SW. The narrow veins generally range from 0.5-5 cm wide, but occasional related quartz-pyrite veins occur up to 30 cm wide hosted by distinct yellow-orange weathering clay-sericite-pyrite alteration. The narrow pyrite-sericite-quartz structures are easily recognized in outcrop since they are slightly resistant to weathering.

The alteration zones are commonly oxidized to limonite, jarosite and Mn oxides.

e) Mineralization

Pyrite occurs as disseminations generally making up 5-8% of the alteration zone. Local higher concentrations (up to 15%) occur along the narrow structures. The quartz-pyrite veins (Sample Nos. 94860,61,84,93, 94949,50) contain up to 30% pyrite.

Isolated exposures of malachite, chalcopyrite and minor bornite, ± specularite and molybdenite, occur with pyrite. The copper is generally associated with later quartz-carbonate, (Sample Nos. 94830,32) ±barite veining or ±calcareous andesitic volcanic rocks (Sample No. 94829) and also occurs in silicified zones proximal to the pyrite-sericite-quartz bearing structures (Sample Nos. 94864,66). In sample 94949, chalcopyrite occurs with a quartz-pyrite veinlet.

Minor disseminated chalcopyrite is also found in some of the felsite dykes/sills.

Visible Au was previously found in three locations in the Main Zone which are plotted on Figure 4. They appear to be associated with the pyrite-sericite-quartz bearing structures.

7. GEOCHEMISTRY (Figures 4 - 5)

a) Procedure

A total of 204 rock samples were collected from the property. The samples were sent to Eco-Tech Labs, Kamloops, B.C. and analyzed for Al, Sb, As, Ba, Bi, Cd, Ca, Cr, Co, Cu, Fe, La, Pb, Mg, Mn, Hg, Mo, Na, Ni, P, Ag, Sr, Ti, Sn, W, U, V and Zn using a 32 element ICP package which involves a nitric-aqua regia digestion. Au, Ag, Cu values >1,000 ppb Au, 30 ppm Ag and 10,000 ppm Cu were assayed. Lab procedures and complete results are outlined in Appendix III.

Most of the rock samples were collected from the, previously, largely unsampled but widest and most intense part of the alteration zone referred to as Castle East. The samples primarily consisted of chip samples across the alteration zone with some separate samples of the quartz-pyrite and quartz-carbonate veins. Grab samples were collected from areas of float or limited subcrop, particularly in the upper, felsenmere covered section of the Castle East Alteration Zone.

Two lines of 1.5m chip samples were collected across the lower section of the Castle East Alteration Zone by a contract crew from Minconsult of Vernon, B.C. The most intensely altered portions of the zone were selected. The location of the lines is outlined on Figure 5. The exposure in this area is excellent with steep cliffs which are dissected by gullies, parallel to the secondary structural control. A third line was chip sampled parallel to the alteration zone, which is generally perpendicular to the gullies, to test the significance of this secondary structure.

Rock sample locations are plotted on Figures 4 and 5 with the geology. Rock sample descriptions of the concurrent mapping and sampling program are outlined in Appendix II with the Au, Ag, Cu results. The contract chip samples consisted of pyritized (5-8%) and variably quartz-sericite altered andesite ± pyrite- sericite-quartz veins along the controlling structures. Care was taken to sample unleached material.

b) Results and Interpretation

i) *Rocks:* (Figures 4 - 5)

The contract chip sample results yielded values of up to 1.5 g/t Au over 3.0m, although 20% of the samples contained >0.1 g/t Au. It appears that despite the large size of the alteration zone at Castle East, the Au values are not sufficiently high enough for a bulk tonnage target. A high grade target was not delineated by the sampling either. Only four samples contain >1.0 g/t Au with the following Au values obtained from 1.5m intervals: 2.34g/t; 1.5g/t; 1.89 g/t; 1.74 g/t. The higher gold values appear to be associated with the narrow pyrite-sericite-quartz veinlets. Detailed prospecting could possibly yield higher values, but they may be restricted to narrow widths.

In the other 1997 sampling, on the property, the higher gold values were returned from the quartz-carbonate-chalcopyrite veins, the quartz-pyrite veins and in silicified zones, commonly associated with the pyrite-sericite-quartz bearing structures.

Samples 94829,30 and 94832 are examples of the former and returned 0.85 g/t Au with 2.2% Cu; 2.82 g/t Au, 6.9% Cu with 44.2 g/t Ag; and 1.97 g/t Au, 7.5% Cu with 44.2 g/t Ag, respectively. Previous sampling confirms this association, but the copper bearing veins are not always associated with higher Au. Only float was sampled in 1997, but the abundance of the float sampled and previous sampling from the Main Zone indicates that the veins are narrow (< 0.5m wide). In previous sampling, similar values were obtained from these veins and, in the Main Zone area, barite is commonly associated with them.

Samples of the quartz-pyrite veins returned up to 1.12 g/t Au, from Sample No. 94884. Samples 94860, 861 and 94949, 950 returned lower but anomalous Au values as follows; 0.18 g/t Au; 0.50 g/t; 0.27 g/t with 0.1% Cu; and 0.79 g/t Au, respectively. A somewhat leached quartz-pyrite vein returned only 5 ppb Au (Sample No. 94886). Previous sampling from the Main and Central Zones returned similar values up to 2.94 g/t Au over 0.3 cm.

The silicified zones, commonly with the pyrite-sericite ±quartz bearing structures, returned values up to 1.48 g/t Au over 1.5m (Sample No 94872). Other samples contained lower, but anomalous Au, such as 0.63 g/t Au across 0.6m (94869); 0.41 g/t Au/ 0.3m (Sample No. 94949); 0.31 g/t Au/1.1m (94875) and 0.25 g/t Au with 0.24% Cu (94864). Previous sampling, particularly from the Main Zone, showed a strong association of Au with the pyrite-sericite-quartz bearing structures. For example, the three occurrences with visible Au returned 1) 32.6 g/t Au over 1.0m with 141.8 g/t Au obtained directly from the 5 cm wide vein (visible Au omitted); 2) 40.5 g/t Au over 0.4m; and 3) 27.7 g/t Au over 1.0m. In fact, 27% of the samples collected from the Main Zone in 1987, which primarily consisted of pyritized andesite with the pyrite-sericite-quartz bearing structures, contained >1 g/t Au.

In terms of correlations, some of the higher Au is associated with high Cu, but a direct correlation is not evident. High Au is generally associated with slightly enhanced Ag (0.4-2.6 g/t) and anomalous As in the 20 to 125 ppm range. Higher Ag values are only associated with the quartz-carbonate-chalcopyrite veins (ie. 44.2 g/t Ag from samples 94830,32). Occasional anomalous Mo and Bi and rare anomalous Zn were also sometimes associated with anomalous Au.

8. CONCLUSIONS AND RECOMMENDATIONS

On the Castle property, the higher gold values were returned from the quartz-carbonate-chalcopyrite veins, the quartz-pyrite veins and in silicified zones associated with the pyrite-sericite-quartz bearing structures. Maximum values obtained in the 1997 program were only 1.5 g/t Au over 3.0m, 2.34g/t Au over 1.5m and from float, 2.82 g/t Au, 44.2 g/t Ag and 7.6% Cu.

Previously, it was found that the gold mineralization was hosted by the narrow pyrite-sericite-quartz structures. The three visible Au occurrences on the property are related to these structures and returned 1) 32.6 g/t Au over 1.0m, within a zone containing 7.35 g/t Au over 18.2m; 2) 40.5 g/t Au over 0.4m and 3) 27.7 g/t Au over 1.0m. Other previous intersections include 4.5 g/t Au over 7.6m and 3.9 g/t Au over 6.3m.

Gold mineralization on the Castle property appears to be associated with pyrite-sericite-quartz veinlets that are controlled by a conjugate set of structures trending 35-70°/75-85°SE and 100-140°/70-85°SW. This structural set appears to be related to a compressional event along a major north-northwest trending strike slip wrench fault zone (parallel to the main creek) that also produced the thrust fault, observed on the property. Consequently, the best potential for gold mineralization would be at the intersection of these structures with the northerly trending extensional structures that would have been produced.

One such favourable area would be where the alteration zone changes direction, proximal to the Castle East Zone, which hosts the widest and most intense alteration and pyrite content on the property, and the Castle Central Zone. The focus of the 1997 program was to sample the above zones, but significant results were not obtained.

The best values, to date, have been obtained from the Castle Main Zone with up to 32.6 g/t Au over 1.0m, within a zone containing 7.35 g/t Au over 18.2m. Potential may exist proximal to the extensional features. Any future exploration, should focus on identifying and exploring these structures. A limited 1,500m diamond drill program across the Castle Main Alteration Zone and southeast of the previous drilling would more definitively outline the potential of this zone. Drill holes should be oriented at about 010°/45°N to intersect both favourable structural directions.

In conclusion, Au is widespread on the Castle property, but so far not of sufficient grade to host a bulk tonnage deposit. Future work should try to narrow down smaller areas with higher grade. Small, high grade zones have been delineated on Castle Main but, as yet, the continuity is lacking. The potential lies proximal to northerly trending extensional features that should be identified and explored in detail. A detailed air photo interpretation and structural analysis of the core are recommended followed by a 1,500m diamond drill program.

APPENDIX I

Selected References

Ash C.H., MacDonald, R.W.J. and Friedman, R.M. (1997): Stratigraphy of the Tatogga Lake area, northwestern British Columbia (104H/12&13, 104G/9&16) in Geological Fieldwork 1996, B.C. Ministry of Employment and Investment, Energy and Minerals Division, GSB Paper 1997-1, pages 283-290.

Delaney, T.M., (1988): Diamond drilling report on the Castle group of claims (104G/16), Assessment Report.

Hilchy, G.R. (1971): Geochemical report on the JO GROUP, for Sumitomo Metal Mining Canada Ltd. Assessment Report 3291.

Lovang, G. (1986): Geophysical and rock chip sampling report on the Castle #2 mineral claim. Assessment Report 14739 for Teck Explorations Ltd.

Folk, P. (1981): Geological and geochemical report on the Castle #2 mineral claim, Liard Mining Division. Assessment Report for Teck Explorations Ltd.

Folk, P. (1987): Geological, geochemical and geophysical report on the Castle Claim Group. Assessment Report 16897 for Teck Explorations Ltd.

Konkin, K. (1990): Geochemical and trenching report on the Castle Claim Group. Report for Triumph Resources.

Laird, J. (1996): Castle Property exploration programs. Internal Memo for Teck Explorations Ltd.

Schellenberg, G. (1981): Geochemical report on the Castle #1 and Castle #2 claims. Assessment Report 09878 for Teck Explorations Ltd.

Souther, J.G. (1972): Telegraph Creek Map-area, British Columbia; Geological Survey of Canada, Map 11-1971.

Souther, J.G. (1972): Telegraph Creek Map-area, British Columbia; Geological Survey of Canada, Paper 71-44.

APPENDIX II

Rock Sample Descriptions

CASTLE PROPERTY, B.C.

1997 ROCK SAMPLE DESCRIPTIONS

SAMPLE	LOCATION	GEOMETRY	GEOLOGY	Au ppb	Ag ppm	Cu ppm
94829	Castle East		grab of 20 cm cobble calcareous A. with 2-3% cp, minor mal, 1-2% py, 1.5cm qtz-carb vein	850	3.6	21900
94830	Castle E 25m down from 829		grab of 12 cm wide qtz carb vein with 5-8% cp, mal, az, Mn coating	2820	44.2	69000
94831	Castle E same area as 830		grab felsic dyke, 15-20% py	70		621
94832	Castle E 10m up from 831		grab of qtz-carb vein cobbles, 5cm vein, mal,az,Mn	1970	44.2	75500
94833	Castle E 30m S of 830		grab of felsic dyke with py	30		342
94834	Castle E	060/80S	1.2m chip across s bxed, pyic alteration contact zone	40		422
94835	Castle E below 834		1.2m chip across s bxed, pyic alteration contact zone	15		141
94836	Castle E , above last rusty gully		1.0m chip across altn zone in A., 5-8% py	80		216
94837	Castle E below 836		1.5m chip across altn zone in A., 5% py	95		267
94838	Castle E 25m SW of 836		1.5m chip across altn zone in A., 8% py	70	0.2	306
94839	Castle E below 838		1.5m chip across altn zone in A., 5% py	55		210
94840	Castle E below 839		1.5m chip across altn zone in A., 8-10% py	30		111
94841	Castle E 6m SW of 838		grab of A., py, possible trace cp,very weak mal	45		224
94842	Castle E 100m SW of 841		grab over 4m of A.fp., 5-8% py, dyke?, bxed	40		345
94843	Castle E 8m below 842	100/90 and 060/80S	grab of sil A.p., 5-15% py, fract controlled higher grade pockets	45		247

SAMPLE	LOCATION	GEOMETRY	GEOLOGY	Au ppb	Ag ppm	Cu ppm
94844	Castle E below 834?		1.2m chip across highly leached alteration zone in A.	80	0.8	198
94845	Castle E below 844		1.0m chip across altn zone in A., 2% py	25		186
94846	Castle E below 845		1.0m chip across altn zone in A., 2% py, locally 5%	45		167
94847	Castle E below 846		85 cm chip across altn zone in A., 2-5% py	40		136
94848	Castle E below 847		86 cm chip across altn zone in A., 2-3% py, trace mal	45	0.2	118
94849	Castle E below 848		1.0m chip across altn zone in A., 2-3% py	20		113
94850	Castle E 24m NE of 844		grab of s. sil, 10% py in A., 30-40 cm wide	50		269
94853	Castle East	105/80S	10 cm chip across 10cm s sil vein zone, 10-15% py	40		144
94854	Castle East	120/85S	1.5m chip across altered And. porph , s sil, 5-8% py	90		233
94855	Castle East		1.5m chip across altered And. porph , s sil, 5-8% py , N of above sample	60		74
94856	Castle East		1.5m chip across altered And. porph , s sil, 5-8% py , N of above sample	90		162
94857	Castle East		1.5m chip across altered And. porph , s sil, 5-8% py , N of above sample	115		136
94858	Castle East		1.5m chip across altered And. porph , s sil, 5-8% py , N of above sample	45		228
94859	Castle East		4m rough grab/chip of m-s sil and. porph, 5-8% py , N of above sample, ends at fresh A.p	105		194
94860	Castle East Fault Ck, above cliffs		10 cm angular float of qtz-py vein, 7-10% py, as local felsenmere in yellow weath zone	180		13
94861	Castle East above Fault Creek	140/45S	rough grab/chip of 20 cm qtz-py vein in 35 cm yellow-orange zone, 30% py	500	0.8	9
94862	Castle East 130m SW of 859	110	1.0m chip of s-i sil A.p., trace cp, bn, 10-15% py	70	0.2	573

SAMPLE	LOCATION	GEOMETRY	GEOLOGY	Au ppb	Ag ppm	Cu ppm
94863	Castle East 136m Sw of 859		grab of w sil A. , 8-12% py, trace cp	55		90
94864	Castle East 136m Sw of 859		grab of sil A., 15-20% py, trace cp over 15 cm	250	1.4	2358
94865	Castle East 168m Sw of 859	130/68S	60 cm chip across rusty, bleached A., 3-8% py	55		147
94866	Castle East	130/70S	2m chip across s sil A.p. with 10-15% py, 1-5cm wide qtz-ser-py veinlets	60	0.4	1170
94867	Castle Central, lower N side in cliffs, above lake		grab of m sil A.P., 7-10% py, some i sil zones with 2% py	15	0.4	41
94868	Castle Central W slope of pond		1.2m chip of vw-s bleached A., well fract, rusty, 2-3% dissem py	35	0.4	37
94869	Castle Central otc in talus below lake		60 cm chip of bleached A., 1-2% dissem and fract controlled py	630		23
94870	Castle Central same otc as 869		60 cm chip of s rusty A. with 2-3% py as above	280	0.6	67
94871	Castle Central below pond		1.5m chip of w-m, locally s sil A. with 1-2% py	220	0.4	170
94872	Castle Central N of 871, below pond		1.5m chip of w-m sil , locally s sil A., 1-2% py	1480	0.6	59
94873	Castle Central	120/90	1.5m chip of w-m sil , locally s sil A., 1-2% py, rusty yellow-brown, minor veinlets up to 1 cm.	240	0.8	75
94874	Castle Central N of 873		1.5m chip of w-m sil , locally s sil A., 1-2% py, rusty yellow-brown, minor veinlets up to 1 cm.	85	0.2	46
94875	Castle Central N and above 874		1.1m chip of w-m sil , locally s sil A., 1-2% py, rusty yellow-brown, minor veinlets up to 1 cm.	305	0.4	125
94876	Castle Central		1.5m chip of w-m sil , locally s sil A., 3-4% py	35		80
94877	Castle Central N of 876		1.5m chip of w-m sil , locally s sil A., 1-2% py	105		142
94878	Castle Central N of 877		1.5m chip of w-m sil , locally s sil A., 1-2% py	50		92
94879	Castle Central 1m E of 877		2.0m chip of sil A. with 7% pyrite	80		176

SAMPLE	LOCATION	GEOMETRY	GEOLOGY	Au ppb	Ag ppm	Cu ppm
94880	Castle Central below and N of 877		leached A. with 2% py, locally 3-4%	280		127
94881	Castle Central below pond and to S		2.0m chip of m sil , locally s sil A.p., 2-3% py	20		113
94882	Castle Central E of 881		3.0m chip of m sil , locally s sil A.p., 2-3% py	180	0.2	178
94883	Castle Central		5m grab/chip of A., 7% py, with s sil zones up to 30 cm wide	65		169
94884	Castle Central	130/80N	30 cm qtz-py vein in s sil, pyic A.	1120	0.6	19
94885	Castle East		grab/chip of not rusted A., 2-5% py, tr mal, hard, s fract	50	0.6	984
94886	Castle East near 856		local float of 10 cm quartz-pyrite vein, some leached out	5		24
94893	Castle Main East end		*subcrop of qtz-py vein*			
94948	Castle Main, 20m above T5		30 cm zone of mod sil A. with 10-15% py	405	2.6	157
94949	Castle Main, 50m up Ck from T5		grab of A.p. with 5-7% py, 1% cp, some qtz-py-cp veinlets up to 0.6mm wide	270	1.8	1206
94950	Castle Main, near T14		grab of qtz-py vein float, some weathered out, 10% py, Fe, Mn coating, from small pit	790	1.8	39
Values < 0.2 ppm Ag are not shown						

APPENDIX III

Geochemical Procedure and Results

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

GEOCHEMICAL LABORATORY METHODS

Multi Element ICP Analyses

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

Analysis: Inductively coupled Plasma.

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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.

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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 [illegible]	Atomic Absorption

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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	Hydride generation - A.A.S.
Potassium Bisulphate Fusion	Colorimetric or I.C.P.

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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

Eco-Tech LABORATORIES LTD.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

1004 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (250) 573-5700
Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 97- 801

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

14-Aug-97

ATTENTION: Jean Pautler

No. of samples Received:57
Sample Type:ROCK
PROJECT #CASTLE
SHIPMENT #not given
Samples submitted by: J. Pautler

CASTLE

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Cu (%)
1	94829	-	-	-	-	2.18
2	94830	2.82	0.082	44.2	1.29	6.90
4	94832	1.97	0.057	44.2	1.29	7.55
42	94872	1.48	0.043	-	-	-
54	94884	1.12	0.033	-	-	-
QC DATA:						
Resplit:						
R/S 1	94829	-	-	-	-	2.32
Repeat:						
2	94830	2.67	0.078	-	-	-
Standard:						
CPb-1		-	-	-	-	0.25
Mpla		-	-	69.7	2.03	1.44
STD-M		1.38	0.040	-	-	-

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

XLS/97Teck
fax: @ 372-1285

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

Eco-Tech LABORATORIES LTD.

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

CERTIFICATE OF ASSAY AK 97- 915

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

3-Sep-97

ATTENTION: Randy Farmer

No. of samples received:144
Sample Type:Rock
PROJECT #: Castle
SHIPMENT #: Not given
Samples submitted by: Not given

T #.	Tag #	Au (g/t)	Au (oz/t)
9	95009	2.34	0.068
37	95056	1.50	0.044
65	95084	1.89	0.055
140	95160	1.74	0.051

QC DATA:
Repeat:

9	95009	2.49	0.073

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

XLS/97Teck
fax: @ 372-1285

14-Aug-97

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

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

ICP CERTIFICATE OF ANALYSIS AK 97-801

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

ATTENTION: Jean Pautler

CASTLE

No. of samples Received:57
Sample Type:ROCK
PROJECT #CASTLE
SHIPMENT #not given
Samples submitted by: J. Pautler

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %
1	94829	850	3.6	1.15	115	55	<5	5.85	<1	86	70	>10000	7.77	<10	0.67
2	94830	2.62 >1000	>30	0.13	55	105	<5	0.03	<1	26	38	>10000	>10	<10	<0.01
3	94831	70	<0.2	2.16	20	45	<5	0.31	<1	29	26	621	5.85	<10	2.12
4	94832	1.97 >1000	>30	0.22	15	105	<5	0.03	1	28	51	>10000 .75	>10	<10	<0.01
5	94833	30	<0.2	1.91	<5	45	<5	0.66	<1	25	35	342	6.23	<10	1.79
6	94834	40	<0.2	1.75	<5	50	<5	0.52	<1	19	35	422	6.35	<10	1.49
7	94835	10	<0.2	1.88	<5	60	<5	0.64	<1	15	49	141	4.96	<10	1.55
8	94836	80	<0.2	1.50	15	50	<5	0.42	<1	15	31	216	7.08	<10	1.45
9	94837	95	<0.2	1.66	<5	50	<5	0.41	<1	11	29	267	7.24	<10	1.75
10	94838	70	0.2	1.64	<5	40	<5	0.16	<1	25	11	306	9.03	<10	1.63
11	94839	55	<0.2	1.53	<5	40	<5	0.14	<1	16	44	210	6.99	<10	1.56
12	94840	30	<0.2	1.51	<5	70	<5	0.13	<1	8	46	111	5.25	<10	1.31
13	94841	45	<0.2	1.86	10	40	<5	0.44	<1	21	33	224	7.00	<10	2.02
14	94842	40	<0.2	2.39	<5	65	<5	0.20	<1	22	42	325	7.35	<10	1.68
15	94843	45	<0.2	2.06	5	40	<5	0.46	<1	24	27	247	7.03	<10	1.73
16	94844	80	0.8	1.53	15	105	<5	0.25	<1	8	16	198	4.69	<10	1.05
17	94845	25	<0.2	1.66	10	80	<5	0.75	<1	12	36	186	4.34	<10	1.12
18	94846	45	<0.2	1.37	15	80	<5	0.74	<1	7	26	167	4.51	<10	0.96
19	94847	40	<0.2	1.93	5	80	<5	0.65	<1	15	45	136	5.25	<10	1.58
20	94848	45	0.2	1.22	15	100	<5	0.29	<1	6	14	118	4.47	<10	0.80
21	94849	20	<0.2	1.30	5	75	<5	0.40	<1	8	20	113	4.80	<10	0.89
22	94850	50	<0.2	1.93	5	50	<5	0.62	<1	15	20	269	5.37	<10	1.95
23	94853	40	<0.2	1.42	<5	35	<5	0.25	<1	4	59	144	3.61	<10	1.46
24	94854	90	<0.2	2.74	<5	55	<5	0.55	<1	12	30	233	6.25	<10	2.15
25	94855	60	<0.2	1.73	<5	50	<5	0.45	<1	11	39	74	5.63	<10	1.65

Et #.	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	1843	33	0.01	14	<10	2	<5	<20	89	0.02	<10	40	10	<1	39
2	110	201	<0.01	2	>10000	10	<5	<20	2	<0.01	10	8	10	<1	16
3	436	17	0.05	6	670	22	<5	<20	53	0.14	<10	138	10	<1	46
4	233	198	<0.01	3	7010	18	<5	<20	2	<0.01	10	10	10	<1	17
5	394	22	0.05	5	1070	8	<5	<20	117	0.08	<10	95	<10	<1	34
6	336	5	0.05	5	1220	8	<5	<20	83	0.10	<10	101	10	<1	27
7	343	4	0.07	5	1220	8	10	<20	56	0.10	<10	110	<10	3	28
8	234	21	0.03	4	1420	6	<5	<20	16	0.08	<10	108	10	6	19
9	280	16	0.03	2	1320	8	<5	<20	16	0.10	<10	125	10	3	23
10	346	54	0.03	2	1270	12	<5	<20	3	0.02	<10	127	10	<1	35
11	297	47	0.03	2	1140	12	<5	<20	5	0.02	<10	97	10	<1	29
12	269	9	0.03	2	1130	8	<5	<20	6	0.03	<10	63	<10	<1	24
13	400	10	0.03	3	1250	10	<5	<20	4	0.01	<10	117	<10	<1	40
14	379	2	0.03	9	1150	16	5	<20	31	0.18	<10	130	10	4	50
15	271	7	0.07	5	1310	12	<5	<20	42	0.12	<10	129	10	9	23
16	246	6	0.04	1	1230	10	5	<20	41	0.02	<10	50	<10	<1	29
17	491	4	0.05	4	1310	10	5	<20	87	0.06	<10	60	<10	21	38
18	334	10	0.04	1	1160	12	<5	<20	64	0.03	<10	46	<10	8	23
19	542	7	0.03	35	1190	36	<5	<20	26	0.01	<10	58	<10	20	65
20	259	5	0.03	2	1260	10	<5	<20	13	<0.01	<10	46	<10	4	40
21	330	7	0.03	2	1180	10	<5	<20	15	<0.01	<10	43	<10	11	38
22	448	7	0.06	3	1160	12	<5	<20	50	0.11	<10	108	<10	<1	39
23	257	40	0.04	<1	1080	6	10	<20	5	0.02	<10	63	<10	5	20
24	296	4	0.07	2	1230	10	<5	<20	32	0.10	<10	127	10	11	21
25	194	3	0.07	3	1080	8	5	<20	29	0.11	<10	113	10	12	14

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	94856	90	<0.2	1.55	10	40	<5	0.37	<1	17	27	162	6.25	<10	[illegible]	153	4	0.05	2	1060	10	<5	<20	15	0.11	<10	104	10	13	14
27	94857	115	<0.2	1.34	10	50	<5	0.18	<1	12	30	136	5.62	<10	[illegible]	166	6	0.04	<1	890	8	<5	<20	13	0.07	<10	91	<10	3	11
28	94858	45	<0.2	2.17	<5	50	<5	0.55	<1	15	25	226	6.27	<10	2.10	273	2	0.09	2	1230	6	<5	<20	45	0.10	<10	148	<10	8	19
29	94859	105	<0.2	2.24	<5	50	<5	0.68	<1	10	47	194	5.48	<10	2.05	283	4	0.10	3	1170	8	15	<20	47	0.11	<10	150	<10	14	20
30	94860	160	<0.2	0.26	<5	35	<5	<0.01	<1	5	87	13	3.30	<10	0.05	14	14	0.01	3	20	<2	<5	<20	<1	<0.01	<10	8	<10	<1	<1
31	94861	500	0.8	0.05	10	50	25	0.01	<1	24	121	9	>10	<10	<0.01	10	18	<0.01	5	<10	4	<5	<20	<1	<0.01	10	2	<10	<1	<1
32	94862	70	0.2	1.62	<5	55	<5	0.97	<1	21	56	573	8.01	<10	0.92	415	20	0.02	7	950	4	<5	<20	7	<0.01	<10	50	10	<1	19
33	94863	55	<0.2	1.04	<5	55	<5	3.16	<1	23	53	90	6.79	<10	0.35	457	11	0.02	9	920	6	<5	<20	29	<0.01	<10	32	<10	<1	9
34	94864	250	1.4	1.35	80	70	<5	0.89	<1	58	96	2358	>10	<10	0.38	290	45	<0.01	14	470	14	<5	<20	3	<0.01	10	50	10	<1	17
35	94865	55	<0.2	1.15	5	60	<5	0.46	<1	11	64	147	4.98	<10	0.42	290	54	0.02	2	1200	6	<5	<20	6	<0.01	<10	23	<10	12	18
36	94866	60	0.4	1.74	<5	60	<5	3.94	<1	43	52	1170	7.95	<10	1.02	792	40	0.01	11	970	6	<5	<20	37	<0.01	<10	56	<10	6	27
37	94867	15	0.4	0.96	<5	45	5	0.54	<1	19	73	41	6.49	<10	0.65	575	11	0.02	3	1110	10	<5	<20	7	<0.01	<10	41	10	<1	32
38	94868	35	0.4	1.64	20	70	10	0.19	<1	11	27	37	7.77	<10	1.51	670	7	0.03	2	1520	14	<5	<20	1	<0.01	<10	104	10	<1	67
39	94869	630	<0.2	1.10	15	50	5	0.62	<1	16	48	23	3.98	<10	0.77	310	5	0.03	2	1130	8	<5	<20	3	0.02	<10	42	10	4	19
40	94870	280	0.6	0.64	15	70	<5	0.06	<1	7	44	67	5.87	<10	0.37	102	10	0.03	<1	1060	6	<5	<20	3	<0.01	<10	40	10	<1	6
41	94871	220	0.4	0.59	40	60	<5	0.16	<1	6	57	170	4.93	<10	0.22	96	7	0.01	2	1000	10	<5	<20	<1	0.02	<10	20	10	<1	6
42	94872 1.48	>1000	0.6	0.87	10	50	15	0.11	<1	9	51	59	7.04	<10	0.62	166	8	0.03	1	1330	12	<5	<20	3	<0.01	<10	60	10	<1	15
43	94873	240	0.8	0.56	20	55	<5	0.14	<1	9	39	75	4.45	<10	0.25	73	7	0.01	2	1080	6	<5	<20	2	0.02	<10	19	10	<1	3
44	94874	85	0.2	0.92	10	60	<5	0.18	<1	11	45	46	4.74	<10	0.72	191	10	0.03	1	1170	8	<5	<20	4	0.02	<10	54	10	<1	14
45	94875	305	0.4	0.50	15	80	<5	0.07	1	6	30	125	7.89	<10	0.18	64	11	0.01	1	1160	10	<5	<20	<1	<0.01	10	27	10	<1	5
46	94876	35	<0.2	1.32	10	40	<5	0.45	<1	18	70	80	5.95	<10	0.94	157	6	0.07	4	1550	10	<5	<20	28	0.07	<10	66	10	7	16
47	94877	105	<0.2	1.59	10	60	<5	0.39	<1	10	54	142	6.59	<10	1.44	271	3	0.05	3	1590	12	<5	<20	18	0.13	<10	117	10	6	27
48	94878	50	<0.2	1.94	<5	60	<5	0.45	<1	10	41	92	6.59	<10	1.72	363	1	0.06	2	1520	14	10	<20	23	0.13	<10	132	10	7	33
49	94879	60	<0.2	1.52	15	45	<5	0.43	<1	28	30	176	6.47	<10	1.36	217	1	0.05	4	1330	14	5	<20	19	0.16	<10	112	10	5	23
50	94880	260	<0.2	1.18	10	70	5	0.19	<1	12	25	127	8.14	<10	1.01	210	2	0.04	<1	1290	12	<5	<20	16	0.13	<10	96	10	<1	21
51	94881	70	<0.2	2.10	10	60	<5	0.56	<1	25	30	113	7.04	<10	1.89	300	<1	0.07	2	1280	16	<5	<20	34	0.14	<10	134	10	8	33
52	94882	180	0.2	1.42	20	55	<5	0.22	<1	10	38	178	8.30	<10	1.27	316	5	0.02	2	1190	12	<5	<20	4	0.06	<10	90	10	<1	26
53	94883	65	<0.2	2.54	5	50	<5	0.87	<1	14	35	169	7.44	<10	1.88	365	2	0.10	3	1280	16	5	<20	81	0.13	<10	128	10	8	34
54	94884 1.12	>1000	0.6	0.60	10	35	15	0.15	<1	28	90	19	9.97	<10	0.36	65	22	0.03	2	740	8	<5	<20	15	0.02	20	23	10	<1	8
55	94885	50	0.6	2.24	10	45	<5	0.82	<1	34	37	984	9.77	<10	1.92	625	122	0.02	7	1150	16	<5	<20	8	0.01	<10	124	10	<1	41
56	94886	850	0.4	0.28	10	20	5	0.01	<1	5	142	24	3.72	<10	0.27	44	74	<0.01	2	80	8	<5	<20	<1	0.01	<10	23	10	<1	<1
57	37641	5	<0.2	0.37	<5	155	<5	0.05	<1	3	147	5	0.97	<10	0.36	156	6	0.01	11	220	4	<5	<20	<1	<0.01	<10	10	<10	5	16

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Resplit:																														
R/S 1	94829	900	3.8	1.21	125	60	<5	6.01	<1	87	75	>10000	7.97	<10	0.65	1873	37	0.01	15	<10	4	<5	<20	65	0.02	<10	43	20	<1	42
Repeat:																														
1	94829	900	3.6	1.16	120	55	<5	5.85	<1	86	70	>10000	7.72	<10	0.67	1843	33	0.01	14	<10	4	<5	<20	89	0.02	<10	40	10	<1	39
10	94838	65	0.2	1.64	<5	40	<5	0.16	<1	25	11	306	9.03	<10	1.63	346	54	0.03	2	1270	12	<5	<20	3	0.02	<10	127	10	<1	35
19	94847	50	<0.2	1.93	5	80	<5	0.65	<1	15	45	136	5.25	<10	1.58	542	7	0.03	35	1190	36	<5	<20	26	0.01	<10	58	<10	20	65
36	94866	55	0.4	1.74	5	60	<5	3.94	<1	43	52	1170	7.95	<10	1.02	797	40	0.01	11	970	10	<5	<20	37	<0.01	<10	56	10	8	27
45	94875	230	0.4	0.50	15	80	<5	0.07	<1	6	30	125	7.69	<10	0.18	64	11	0.01	<1	1160	10	<5	<20	<1	<0.01	10	27	10	<1	5
54	94884	-	0.6	0.60	10	35	15	0.15	<1	28	90	19	9.97	<10	0.36	65	22	0.03	2	740	8	<5	<20	15	0.02	20	23	10	<1	6
Standard:																														
GEO'97		145	1.2	1.79	55	165	<5	1.84	<1	20	63	90	4.12	<10	0.94	671	<1	0.02	24	710	22	10	<20	59	0.13	<10	79	<10	8	67

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

df/801
XLS/97Teck
fax: 372-1285

22-Aug-97

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KA[illegible]PS, B.C.
V2C [illegible]

Phone: 6[illegible]-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 97- 879

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

ATTENTION: Jean Pautler

No. of samples Received: 35
Sample Type: Rock
PROJECT # 41
SHIPMENT # Not given
Samples submitted by: Jean Pautler

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	94848	405	2.6	0.31	15	35	<5	0.07	<1	8	102	157	4.21	<10	0.08	103	33	<0.01	2	220	18	<5	<20	6	0.01	<10	11	<10	<1	5
2	94849	270	1.8	2.95	75	50	<5	0.25	<1	11	57	1206	>10	<10	1.85	2085	11	<0.01	2	1180	18	<5	<20	1	<0.01	<10	72	<10	<1	124
3	94850	790	1.8	0.16	10	20	5	<0.01	<1	13	121	39	6.10	<10	<0.01	48	101	<0.01	3	40	6	<5	<20	18	<0.01	<10	4	<10	<1	<1

5-Sep-97

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

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

ICP CERTIFICATE OF ANALYSIS AK 97-915

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

ATTENTION : RANDY FARMER

No. of samples received: 144
Sample type:Rock
PROJECT #: Castle
SHIPMENT #:Not given
Samples submitted by:

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	95001	5	<0.2	2.26	<5	45	<5	2.04	<1	13	56	434	4.78	<10	1.16	1118	7	0.03	<1	1920	<2	<5	<20	32	0.03	<10	29	<10	67	68
2	95002	5	0.6	1.01	<5	40	<5	1.39	<1	27	88	1180	9.00	<10	0.49	375	21	0.01	2	850	2	<5	<20	13	<0.01	<10	27	<10	<1	33
3	95003	5	<0.2	2.15	<5	35	<5	3.66	<1	12	75	578	4.63	<10	0.42	536	19	0.01	3	930	<2	<5	<20	104	<0.01	<10	20	<10	34	24
4	95004	5	<0.2	1.22	<5	40	<5	1.23	<1	12	58	485	4.19	<10	0.74	327	85	0.02	1	1190	2	<5	<20	18	<0.01	<10	44	<10	27	37
5	95005	5	0.4	1.12	<5	45	<5	2.52	<1	16	79	594	4.02	<10	0.44	467	14	0.01	2	1180	6	<5	<20	36	<0.01	<10	15	<10	18	29
6	95006	275	0.6	0.69	30	30	<5	1.91	<1	45	66	512	8.77	<10	0.11	332	26	<0.01	<1	1020	8	<5	<20	21	<0.01	<10	9	<10	<1	14
7	95007	5	<0.2	2.39	30	705	<5	3.51	<1	22	34	460	5.99	<10	1.26	1303	11	0.02	5	1530	4	<5	<20	57	<0.01	<10	56	<10	41	49
8	95008	5	<0.2	0.68	5	60	<5	1.33	<1	4	81	69	1.76	20	0.20	447	8	0.03	<1	510	<2	<5	<20	19	<0.01	<10	4	<10	36	16
1.5g/t 3.0 9	95009 2.34	>1000	1.6	3.93	90	25	<5	0.63	<1	101	48	2463	5.25	10	1.07	6946	52	<0.01	9	480	6	<5	<20	16	0.02	<10	16	<10	204	60
10	95010	655	0.4	1.51	125	45	<5	3.14	<1	37	73	316	5.20	<10	0.77	1328	18	0.01	4	750	8	<5	<20	40	<0.01	<10	14	<10	31	46
11	95011	5	0.4	1.28	<5	40	<5	2.56	<1	31	64	916	6.08	<10	0.51	829	61	0.02	2	1010	6	<5	<20	46	<0.01	<10	30	<10	34	40
12	95012	10	0.4	0.96	30	40	<5	1.89	<1	26	56	771	6.15	<10	0.31	545	17	<0.01	2	1110	4	<5	<20	27	<0.01	<10	13	<10	24	30
13	95013	5	0.4	1.36	<5	40	<5	2.50	<1	40	66	1059	9.67	<10	0.64	823	31	0.02	4	910	6	<5	<20	35	<0.01	<10	39	<10	<1	49
14	95014	5	0.2	1.24	<5	35	<5	2.58	<1	21	74	584	5.38	<10	0.74	601	10	0.03	2	1200	4	<5	<20	34	<0.01	<10	37	<10	29	40
15	95015	5	<0.2	1.45	<5	35	<5	0.41	<1	19	87	283	7.29	<10	0.80	434	21	0.02	<1	1250	8	<5	<20	<1	<0.01	<10	41	<10	<1	41
16	95016	5	<0.2	1.03	<5	35	<5	2.21	<1	19	52	440	4.66	<10	0.53	531	10	0.02	2	1220	4	<5	<20	26	<0.01	<10	33	<10	34	28
17	95017	10	0.4	1.23	15	40	<5	1.12	<1	26	75	741	7.42	<10	0.59	425	26	0.02	3	1140	4	<5	<20	11	<0.01	<10	41	<10	5	40
18	95018	5	<0.2	1.44	<5	50	<5	1.01	<1	8	42	73	6.42	<10	0.82	549	6	0.02	<1	1290	4	<5	<20	10	<0.01	<10	42	<10	10	34
19	95019	120	0.4	1.15	35	35	<5	0.48	<1	15	54	171	6.08	<10	0.50	284	10	0.02	2	1280	10	<5	<20	4	<0.01	<10	16	<10	3	27
20	95020	5	0.2	1.26	80	40	5	0.69	<1	17	52	40	8.45	<10	0.67	402	63	0.01	3	1140	14	<5	<20	5	<0.01	<10	17	<10	<1	38
21	95021	5	0.4	0.67	5	70	<5	2.08	<1	2	95	9	1.09	20	0.17	638	10	0.02	1	70	<2	<5	<20	24	<0.01	<10	2	<10	47	12
22	95022	10	0.2	0.97	5	65	<5	0.27	<1	9	50	43	4.99	<10	0.42	393	39	0.02	2	1010	4	<5	<20	6	<0.01	<10	23	<10	<1	20
23	95023	15	0.4	0.95	<5	65	<5	0.44	<1	12	47	79	8.74	<10	0.38	765	42	0.02	2	1100	4	<5	<20	35	<0.01	<10	22	<10	<1	24
24	95024	45	0.2	0.86	<5	40	5	0.23	<1	8	66	38	7.33	<10	0.17	130	23	0.01	<1	1160	6	<5	<20	3	<0.01	<10	13	<10	<1	13
25	95025	60	0.2	1.37	<5	45	10	0.57	2	9	51	44	6.71	<10	0.72	447	12	0.02	2	1330	6	<5	<20	7	<0.01	<10	34	<10	<1	33

TECK EXPLORATION LTD.

ICP CERTIFICATE OF ANALYSIS AK 97-915

ECO-TECH LABORATORIES LTD.

Et #.	Tag #		Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	95026		5	0.2	0.96	<5	125	<5	1.16	<1	8	75	116	2.57	10	0.19	1066	10	0.02	2	460	4	<5	<20	15	<0.01	<10	4	<10	35	24
27	95027		65	<0.2	0.83	<5	35	5	3.21	<1	16	72	63	7.49	<10	0.16	820	14	0.01	2	1010	6	<5	<20	54	<0.01	<10	11	<10	3	11
28	95028		140	2.0	0.39	15	50	10	2.06	1	15	52	59	>10	<10	0.02	389	19	<0.01	3	630	4	<5	<20	25	<0.01	<10	5	<10	<1	9
29	95029		5	0.2	0.62	5	45	<5	5.00	<1	13	56	41	6.97	<10	0.10	738	11	0.01	3	1170	4	<5	<20	64	<0.01	<10	8	<10	16	17
30	95030		55	0.2	1.13	75	45	<5	1.67	<1	15	81	38	6.42	<10	0.37	664	619	0.02	2	1090	24	<5	<20	16	<0.01	<10	16	<10	10	33
31	95031		10	<0.2	0.71	20	125	<5	0.28	<1	5	92	35	4.39	<10	0.25	288	22	0.02	1	620	6	<5	<20	7	<0.01	<10	11	<10	3	18
32	95051		80	<0.2	1.31	<5	70	10	0.29	<1	16	24	54	>10	<10	1.21	218	8	0.03	<1	2020	38	<5	<20	21	0.15	<10	126	<10	<1	24
33	95052		45	<0.2	1.74	<5	70	10	0.35	<1	15	76	101	>10	<10	1.69	294	13	0.04	4	2000	24	<5	<20	28	0.12	<10	149	<10	<1	32
34	95053		20	<0.2	2.48	<5	40	5	1.95	<1	27	52	95	8.18	<10	1.72	325	14	0.06	3	1520	12	<5	<20	42	0.15	<10	177	<10	4	27
35	95054		15	<0.2	2.30	<5	55	<5	1.11	<1	20	31	69	9.12	<10	1.79	300	7	0.07	5	1260	10	<5	<20	59	0.13	<10	161	<10	<1	26
36	95055		225	0.2	2.24	<5	75	5	0.93	<1	15	40	100	>10	<10	1.70	207	14	0.07	1	1930	32	<5	<20	46	0.13	<10	166	<10	<1	24
37	95056	1.5	>1000	2.2	0.73	45	65	30	0.07	<1	8	76	35	7.23	<10	0.52	74	10	0.03	<1	560	28	<5	<20	15	0.07	<10	55	<10	<1	10
38	95057		70	<0.2	2.26	<5	65	10	1.16	<1	20	22	72	>10	<10	1.85	228	6	0.07	5	2000	14	<5	<20	42	0.15	<10	207	<10	<1	24
39	95058		15	<0.2	1.65	5	85	10	0.36	<1	10	41	45	>10	<10	1.22	293	6	0.03	<1	2550	18	<5	<20	28	0.24	<10	63	<10	<1	30
40	95059		150	<0.2	2.03	<5	55	<5	0.91	<1	17	34	207	8.56	<10	1.67	250	78	0.06	2	1260	12	<5	<20	56	0.21	<10	167	<10	<1	28
41	95060		30	<0.2	2.04	<5	65	5	0.56	<1	10	32	87	7.45	<10	2.05	334	2	0.04	1	1600	10	<5	<20	37	0.23	<10	177	<10	6	37
42	95061		165	<0.2	1.44	<5	95	5	0.23	<1	10	19	107	9.84	<10	1.35	197	8	0.03	<1	1470	274	<5	<20	30	0.18	<10	131	<10	<1	25
43	95062		70	<0.2	2.67	10	45	<5	1.49	<1	19	46	154	6.68	<10	2.26	285	7	0.05	4	1580	12	<5	<20	43	0.21	<10	227	<10	20	30
44	95063		50	<0.2	2.42	10	60	10	0.69	<1	15	28	108	>10	<10	2.03	300	4	0.10	2	1510	20	<5	<20	65	0.19	<10	177	<10	<1	32
45	95064		50	<0.2	2.46	<5	65	5	0.81	<1	15	42	103	9.21	<10	2.18	351	20	0.09	2	1600	8	<5	<20	78	0.21	<10	188	<10	1	37
46	95065		5	<0.2	2.55	<5	55	<5	0.95	<1	15	30	125	9.65	<10	2.04	314	3	0.10	4	1490	6	<5	<20	106	0.16	<10	160	<10	<1	28
47	95066		35	<0.2	3.53	<5	65	<5	1.45	<1	22	117	101	8.24	<10	2.50	433	5	0.15	50	1280	4	<5	<20	144	0.22	<10	154	<10	2	36
48	95067		5	<0.2	3.64	<5	75	<5	1.26	<1	17	16	152	>10	<10	2.21	351	13	0.18	1	1620	2	<5	<20	173	0.18	<10	200	<10	<1	37
49	95068		20	<0.2	1.90	<5	65	5	0.31	<1	11	45	49	7.90	<10	1.70	204	30	0.06	<1	1050	8	<5	<20	56	0.16	<10	118	<10	<1	29
50	95069		30	<0.2	3.06	10	45	<5	1.22	<1	17	24	160	5.88	<10	2.32	286	<1	0.16	3	1330	4	<5	<20	106	0.17	<10	148	<10	23	34
51	95070		110	<0.2	1.97	5	35	<5	0.61	<1	19	40	95	[illegible]	<10	1.65	301	8	0.04	<1	1070	10	<5	<20	58	0.15	<10	94	<10	14	28
52	95071		30	<0.2	2.54	10	70	5	1.53	<1	27	25	78	[illegible]	<10	1.66	584	<1	0.05	3	1610	12	<5	<20	61	0.29	<10	134	<10	24	50
53	95072		30	<0.2	1.28	<5	50	5	0.27	<1	22	44	61	>10	<10	0.93	200	17	0.02	<1	1230	10	<5	<20	17	0.09	<10	63	<10	<1	19
54	95073		5	<0.2	3.62	5	55	<5	5.60	<1	44	263	607	9.02	<10	3.09	1199	4	0.04	133	810	4	<5	<20	48	0.15	<10	131	<10	26	44
55	95074		110	<0.2	0.78	<5	55	5	0.19	<1	11	207	39	6.65	<10	0.57	117	20	0.01	16	460	8	<5	<20	7	0.03	<10	28	<10	<1	8
56	95075		25	<0.2	1.71	<5	65	5	0.23	<1	12	23	53	7.89	<10	1.72	205	7	0.03	<1	1240	6	<5	<20	74	0.14	<10	102	<10	<1	23
57	95076		5	<0.2	3.65	<5	80	15	0.56	<1	32	165	71	>10	<10	3.22	766	6	0.03	103	830	10	<5	<20	9	0.25	<10	147	<10	<1	48
58	95077		35	<0.2	1.56	<5	50	<5	0.35	<1	20	43	35	8.37	<10	1.23	198	8	0.02	2	1290	8	<5	<20	21	0.14	<10	76	<10	<1	23
59	95078		25	<0.2	2.18	<5	105	<5	0.44	<1	17	66	78	>10	<10	1.71	323	10	0.07	28	1290	10	<5	<20	65	0.20	<10	118	<10	<1	31
60	95079		115	<0.2	2.09	<5	100	10	0.34	<1	18	63	99	>10	<10	1.73	285	16	0.09	26	1500	20	<5	<20	93	0.19	<10	152	<10	<1	33
61	95080		135	<0.2	2.03	<5	100	<5	0.37	<1	16	67	[illegible]	>10	<10	1.76	319	14	0.07	33	1170	20	<5	<20	85	0.20	<10	132	<10	<1	36

TECK EXPLORATION LTD.

ICP CERTIFICATE OF ANALYSIS AK 97-915

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
62	95081	20	<0.2	2.33	<5	85	<5	0.87	<1	14	65	45	5.18	<10	2.06	560	7	0.06	16	900	10	<5	<20	48	0.15	<10	125	<10	7	41
63	95082	100	<0.2	1.96	<5	80	5	0.46	<1	14	25	81	7.26	<10	1.68	266	7	0.07	9	1110	16	<5	<20	74	0.14	<10	133	<10	<1	28
64	95083	40	<0.2	1.59	<5	40	5	0.58	<1	8	82	36	5.22	<10	1.64	241	8	0.01	2	970	8	<5	<20	9	0.06	<10	70	<10	<1	14
65	95084 1.89	>1000	0.8	1.64	40	60	<5	0.68	<1	11	21	243	7.20	<10	1.19	338	9	0.02	<1	1510	12	<5	<20	19	0.11	<10	87	<10	11	28
66	95085	5	<0.2	3.20	40	55	10	2.12	<1	25	59	66	8.53	<10	2.44	1194	4	0.03	16	2080	16	<5	<20	24	0.14	<10	99	<10	31	63
67	95086	60	<0.2	1.89	30	65	<5	0.58	<1	20	23	132	>10	<10	1.59	360	11	0.05	6	1550	26	<5	<20	42	0.13	<10	112	<10	<1	36
68	95087	5	<0.2	2.70	<5	45	<5	2.06	<1	22	44	297	7.32	<10	2.14	405	5	0.10	3	1400	10	<5	<20	163	0.10	<10	158	<10	26	36
69	95088	30	<0.2	2.27	<5	55	<5	1.50	<1	16	15	191	8.32	<10	1.83	396	4	0.08	3	1500	12	<5	<20	62	0.12	<10	143	<10	8	28
70	95089	160	<0.2	2.13	15	35	<5	0.90	<1	13	40	100	7.04	<10	1.67	541	14	0.07	1	1150	10	<5	<20	77	0.13	<10	117	<10	6	24
71	95091	10	<0.2	2.04	<5	60	<5	0.76	<1	13	26	158	6.94	<10	1.91	246	5	0.05	2	1490	4	<5	<20	51	0.13	<10	144	<10	13	24
72	95092	15	<0.2	1.83	<5	65	<5	1.06	<1	14	21	190	8.55	<10	1.55	457	12	0.04	<1	1260	8	<5	<20	42	0.10	<10	100	<10	<1	26
73	95093	5	<0.2	2.12	<5	60	<5	7.55	<1	13	43	342	9.21	<10	1.10	815	10	0.03	<1	2220	8	<5	<20	31	0.08	<10	59	<10	24	35
74	95094	475	<0.2	1.51	20	45	5	0.59	<1	19	31	79	8.02	<10	1.22	397	17	0.02	2	1410	10	<5	<20	18	0.03	<10	72	<10	<1	23
75	95095	5	<0.2	0.94	<5	55	<5	0.70	<1	8	70	59	>10	<10	0.06	269	14	0.01	<1	1090	6	<5	<20	19	<0.01	<10	9	<10	<1	9
76	95096	210	<0.2	0.22	5	25	<5	0.44	<1	12	161	31	5.23	<10	0.07	108	34	0.01	6	390	6	<5	<20	7	0.01	<10	11	<10	<1	5
77	95097	790	0.4	1.59	20	80	<5	0.43	<1	9	29	94	7.73	<10	1.22	384	12	0.03	2	1180	12	<5	<20	37	0.09	<10	88	<10	<1	30
78	95098	5	<0.2	2.46	5	50	<5	2.26	<1	16	44	254	5.56	<10	1.83	396	<1	0.10	3	1300	12	<5	<20	204	0.13	<10	107	<10	30	32
79	95099	5	<0.2	2.01	5	55	<5	2.43	<1	17	43	200	5.51	<10	1.92	431	2	0.03	<1	1410	12	<5	<20	22	0.15	<10	123	<10	35	30
80	95100	5	<0.2	1.73	10	45	<5	1.14	<1	13	53	70	5.16	<10	1.63	344	5	0.04	<1	1290	10	<5	<20	23	0.08	<10	82	<10	22	27
81	95101	5	<0.2	2.21	15	55	<5	1.50	<1	13	90	130	6.02	<10	1.80	400	10	0.08	3	1160	10	<5	<20	49	0.12	<10	110	<10	14	31
82	95102	5	<0.2	1.30	<5	50	15	0.54	<1	15	46	51	8.39	<10	1.83	286	15	0.05	3	1020	12	<5	<20	32	0.12	<10	103	<10	<1	32
83	95103	105	<0.2	1.55	<5	100	15	0.25	1	12	28	99	>10	<10	1.20	317	18	0.06	2	1640	16	<5	<20	58	0.10	<10	103	<10	<1	30
84	95104	80	<0.2	1.64	<5	105	10	0.34	<1	12	47	103	>10	<10	1.29	362	15	0.05	6	1410	14	<5	<20	48	0.10	<10	96	<10	<1	31
85	95105	130	<0.2	1.64	<5	80	<5	0.42	<1	14	30	95	>10	<10	1.38	292	8	0.05	3	1670	10	<5	<20	42	0.13	<10	111	<10	<1	30
86	95106	20	<0.2	1.58	15	75	<5	0.99	<1	11	54	112	6.98	<10	1.11	393	10	0.04	3	1310	10	<5	<20	36	0.03	<10	55	<10	4	28
87	95107	30	<0.2	4.77	<5	75	<5	3.09	<1	63	107	123	>10	<10	4.09	1330	<1	0.13	135	520	16	<5	<20	110	0.40	<10	216	<10	28	92
88	95108	40	<0.2	1.90	<5	85	<5	0.53	<1	9	29	99	9.03	<10	1.50	419	7	0.03	2	1590	8	<5	<20	19	0.03	<10	120	<10	<1	34
89	95109	5	<0.2	0.63	<5	30	<5	0.81	<1	2	50	77	2.63	<10	0.16	355	5	0.02	<1	420	4	<5	<20	8	<0.01	<10	3	<10	18	12
90	95110	5	0.4	0.70	<5	30	<5	2.02	<1	3	58	61	1.63	<10	0.13	690	4	0.02	<1	380	4	<5	<20	20	<0.01	<10	2	<10	32	14
91	95111	5	<0.2	0.82	<5	35	<5	1.51	<1	5	59	78	2.20	<10	0.16	580	4	0.02	1	390	4	<5	<20	13	<0.01	<10	2	<10	28	16
92	95112	10	<0.2	2.17	5	50	<5	2.14	<1	33	47	146	9.81	<10	1.52	1006	15	0.03	4	1310	14	<5	<20	45	0.02	<10	85	<10	3	47
93	95113	5	0.2	1.69	<5	30	<5	2.19	<1	8	46	72	4.68	<10	0.63	1264	5	0.04	<1	1220	8	<5	<20	22	<0.01	<10	17	<10	34	45
94	95114	5	<0.2	3.04	15	80	<5	2.06	<1	9	17	164	1.02	<10	0.11	271	1	<0.01	<1	250	14	<5	<20	94	0.01	<10	7	<10	27	10
95	95115	15	<0.2	2.39	<5	40	<5	1.08	<1	21	22	346	7.89	<10	1.70	664	3	0.03	4	1250	12	<5	<20	21	0.10	<10	104	<10	39	37
96	95116	7	<0.2	4.63	5	40	<5	5.99	<1	68	168	234	9.35	<10	3.62	2000	<1	0.02	132	450	16	5	<20	80	0.50	<10	187	<10	53	104
97	95117	5	<0.2	3.07	<5	75	<5	2.70	<1	26	28	323	8.57	<10	2.00	582	3	0.12	4	1310	18	<5	<20	127	0.15	<10	131	<10	18	43

TECK EXPLORATION LTD.

ICP CERTIFICATE OF ANALYSIS AK 97-915

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
98	95118	15	<0.2	2.40	5	65	<5	1.18	<1	14	44	164	6.84	<10	1.72	425	37	0.09	2	1290	12	<5	<20	62	0.14	<10	102	<10	17	32
99	95119	40	<0.2	3.22	<5	55	<5	1.79	<1	39	29	608	8.36	<10	2.11	290	3	0.16	3	1330	16	<5	<20	107	0.13	<10	135	<10	9	33
100	95120	5	<0.2	3.04	<5	45	<5	1.93	<1	22	55	432	7.41	<10	1.85	370	2	0.12	2	1310	16	<5	<20	104	0.15	<10	133	<10	22	34
101	95121	15	<0.2	2.57	<5	60	<5	1.91	<1	29	21	564	8.21	<10	2.00	389	4	0.11	3	1360	12	<5	<20	96	0.15	<10	123	<10	16	33
102	95122	210	<0.2	3.13	10	45	<5	2.32	<1	21	45	515	7.61	<10	1.66	803	6	0.02	3	1250	16	<5	<20	61	0.11	<10	104	<10	34	51
103	95123	55	<0.2	1.77	<5	50	<5	0.63	<1	22	42	269	5.70	<10	1.49	321	11	0.07	3	1220	14	<5	<20	36	0.14	<10	121	<10	19	33
104	95124	190	0.8	1.72	<5	50	<5	0.67	<1	46	29	1104	>10	<10	1.44	337	9	0.07	4	1280	12	<5	<20	38	0.13	<10	126	<10	<1	37
105	95125	95	<0.2	1.35	<5	70	<5	0.30	<1	11	24	99	6.79	<10	1.23	361	3	0.05	<1	1040	12	<5	<20	52	0.17	<10	134	<10	1	37
106	95126	25	<0.2	2.46	<5	35	<5	6.03	<1	13	52	467	5.03	<10	1.12	463	5	0.02	<1	900	<2	<5	<20	104	0.12	<10	74	<10	12	26
107	95127	10	<0.2	1.89	<5	50	<5	0.72	<1	9	54	110	7.14	<10	1.39	322	6	0.03	1	1210	6	<5	<20	42	0.16	<10	104	<10	<1	29
108	95128	15	<0.2	1.83	<5	50	<5	0.63	<1	16	30	203	6.51	<10	1.62	253	6	0.07	<1	1110	4	<5	<20	36	0.15	<10	117	<10	6	27
109	95129	40	<0.2	1.71	<5	50	<5	0.71	<1	23	51	307	6.60	<10	1.39	300	4	0.08	1	1080	4	<5	<20	37	0.12	<10	105	<10	4	25
110	95130	5	<0.2	2.67	<5	85	<5	0.86	<1	10	31	141	5.75	<10	2.07	447	<1	0.11	2	1220	6	<5	<20	49	0.18	<10	176	<10	20	35
111	95131	10	<0.2	1.86	<5	65	<5	0.67	<1	12	50	123	5.66	<10	1.57	264	2	0.06	2	1130	6	<5	<20	48	0.17	<10	152	<10	11	29
112	95132	5	<0.2	1.92	<5	50	<5	0.65	<1	21	30	734	5.87	<10	1.67	363	18	0.06	3	1170	5	<5	<20	34	0.15	<10	142	<10	8	30
113	95133	35	<0.2	1.99	<5	70	<5	0.44	<1	17	23	230	8.61	<10	1.77	361	10	0.03	<1	1220	6	<5	<20	40	0.21	<10	170	<10	<1	30
114	95134	15	<0.2	2.22	<5	55	<5	0.55	<1	12	22	192	6.76	<10	2.17	593	<1	0.02	<1	1220	6	<5	<20	25	0.24	<10	167	<10	15	42
115	95135	120	<0.2	1.65	<5	55	<5	0.06	<1	43	33	282	>10	<10	1.68	324	35	0.03	5	1460	8	<5	<20	60	0.21	<10	153	<10	<1	31
116	95136	70	<0.2	2.41	<5	60	<5	1.63	<1	41	36	990	>10	<10	2.12	476	10	0.03	4	1030	8	<5	<20	135	0.11	<10	130	<10	<1	37
117	95137	10	<0.2	2.85	5	55	<5	1.37	<1	34	33	293	7.93	<10	1.91	280	9	0.08	3	1360	12	<5	<20	69	0.18	<10	182	<10	6	27
118	95138	25	<0.2	1.80	<5	60	<5	0.86	<1	25	24	156	7.14	<10	1.31	173	131	0.03	<1	1210	14	<5	<20	35	0.18	<10	170	<10	<1	21
119	95139	55	<0.2	4.12	<5	50	<5	1.77	<1	38	47	595	8.40	<10	2.30	295	11	0.23	3	1330	16	<5	<20	144	0.15	<10	191	<10	9	36
120	95140	60	0.2	2.62	25	60	<5	3.16	<1	35	35	523	>10	<10	1.96	567	41	0.12	5	1360	54	5	<20	123	0.13	<10	158	<10	9	45
121	95141	130	<0.2	1.50	<5	55	<5	0.50	<1	38	40	532	8.80	<10	1.38	227	16	0.05	4	1050	6	<5	<20	37	0.18	<10	189	<10	<1	30
122	95142	5	<0.2	2.27	<5	55	<5	0.66	<1	39	24	334	8.92	<10	2.09	516	3	0.05	4	1160	10	<5	<20	29	0.16	<10	159	<10	<1	44
123	95143	5	<0.2	3.05	<5	80	<5	0.74	<1	14	25	219	7.94	<10	2.45	658	4	0.09	1	1320	10	<5	<20	53	0.21	<10	227	<10	14	62
124	95144	5	<0.2	3.51	<5	75	<5	1.11	<1	15	21	153	6.43	<10	2.43	545	4	0.14	<1	1280	12	<5	<20	92	0.17	<10	212	<10	17	49
125	95145	5	<0.2	3.62	<5	90	<5	1.72	<1	13	20	124	7.04	<10	1.99	515	5	0.19	2	1240	10	<5	<20	128	0.14	<10	211	<10	12	43
126	95146	110	<0.2	2.27	<5	70	<5	0.60	<1	14	22	219	8.74	<10	1.79	428	9	0.05	1	1030	12	<5	<20	82	0.20	<10	162	<10	<1	42
127	95147	155	<0.2	2.44	<5	65	<5	0.66	<1	16	40	290	8.79	<10	1.81	535	25	0.06	2	1720	12	<5	<20	41	0.15	<10	163	<10	<1	47
128	95148	5	<0.2	0.78	<5	25	<5	1.29	<1	6	46	100	1.84	<10	0.44	383	3	0.03	<1	340	4	<5	<20	15	0.03	<10	31	<10	28	12
129	95149	5	<0.2	1.36	<5	45	<5	5.25	<1	12	58	163	3.40	<10	0.82	591	5	0.04	7	750	4	5	<20	34	0.11	<10	59	<10	50	21
130	95150	5	<0.2	1.10	<5	100	<5	0.62	<1	3	37	65	1.22	<10	0.18	223	2	0.02	<1	130	4	<5	<20	20	0.02	<10	2	<10	20	12
131	95151	5	<0.2	2.74	15	45	<5	1.00	<1	31	29	557	8.15	<10	2.04	707	8	0.03	3	1210	12	<5	<20	15	0.09	<10	174	<10	26	50
132	95152	40	<0.2	2.87	<5	50	<5	0.92	<1	24	16	244	9.21	<10	2.12	602	6	0.02	2	1240	6	<5	<20	45	0.20	<10	182	<10	<1	61
133	95153	25	<0.2	2.95	<5	75	<5	0.89	<1	11	24	184	8.45	<10	2.27	683	5	0.06	2	1280	10	<5	<20	92	0.17	<10	210	<10	11	66
134	95154	5	<0.2	2.41	<5	85	<5	1.01	<1	11	31	142	6.54	<10	[illegible]	594	2	0.14	2	1190	10	<5	<20	268	0.14	<10	196	<10	27	47

TECK EXPLORATION LTD.

ICP CERTIFICATE OF ANALYSIS AK 97-915

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
135	95155	5	<0.2	3.32	5	65	<5	1.34	<1	12	28	188	6.94	<10	2.16	536	5	0.14	2	1230	10	<5	<20	99	0.15	<10	203	10	19	45
136	95156	125	<0.2	2.69	<5	50	<5	0.84	<1	18	19	405	8.76	<10	2.20	543	35	0.09	2	1180	8	<5	<20	46	0.14	<10	172	<10	<1	44
137	95157	60	<0.2	2.43	<5	55	<5	0.73	<1	13	26	280	8.83	<10	1.63	442	9	0.08	2	1000	8	<5	<20	57	0.12	<10	145	<10	<1	39
138	95158	70	<0.2	3.15	20	45	<5	1.27	<1	22	19	456	8.94	<10	2.17	740	7	0.14	1	1330	16	<5	<20	78	0.11	<10	187	<10	5	73
139	95159	315	0.6	0.98	<5	45	<5	3.53	1	39	39	1506	7.61	<10	0.50	480	16	0.02	5	1360	<2	<5	<20	23	<0.01	<10	49	<10	9	19
140	95160 1.74	>1000	1.4	0.48	80	45	<5	3.91	<1	46	48	1036	>10	<10	0.19	741	43	0.01	3	690	14	<5	<20	32	<0.01	<10	15	<10	<1	15
141	95161	230	1.2	0.63	30	50	<5	2.51	<1	33	106	450	>10	<10	0.24	514	54	0.01	6	680	14	<5	<20	26	<0.01	<10	24	<10	<1	12
142	95162	5	0.4	0.61	55	20	<5	1.15	<1	9	80	284	2.28	<10	0.25	420	6	0.02	<1	590	6	<5	<20	10	0.01	<10	11	<10	30	11
143	95163	20	<0.2	1.96	<5	40	<5	2.52	<1	23	28	589	7.49	<10	1.60	814	5	0.02	4	1330	10	<5	<20	18	0.09	<10	82	<10	19	51
144	95164	45	0.2	1.55	<5	45	<5	3.41	<1	18	37	489	6.53	<10	1.01	747	27	0.02	2	1350	6	<5	<20	30	0.02	<10	78	<10	20	34
QC DATA:																														
Resplit:																														
R/S 1	95001	5	<0.2	2.29	10	45	<5	2.19	<1	14	50	443	5.07	<10	1.15	1191	8	0.03	<1	2080	8	<5	<20	31	0.03	<10	30	<10	75	74
R/S 36	95055	220	0.2	2.23	<5	75	<5	0.94	2	15	34	101	>10	<10	1.72	210	16	0.07	2	1920	24	5	<20	48	0.10	<10	168	<10	<1	24
R/S 71	95091	15	<0.2	2.01	<5	55	<5	0.76	<1	13	48	155	6.81	<10	1.89	249	7	0.05	1	1490	10	<5	<20	44	0.12	<10	144	<10	16	29
R/S 106	95126	30	<0.2	2.01	<5	25	<5	5.25	<1	12	44	361	4.61	<10	0.97	413	4	0.02	<1	860	10	<5	<20	76	0.10	<10	65	<10	11	25
R/S 141	95161	210	1.0	0.58	35	50	<5	2.40	<1	32	96	420	9.96	<10	0.24	487	60	0.01	3	740	14	<5	<20	24	<0.01	<10	23	<10	<1	13
Repeat:																														
1	95001	5	0.2	2.26	10	45	<5	2.07	<1	13	57	432	4.66	<10	1.16	1138	6	0.03	<1	1950	<2	<5	<20	30	0.03	<10	29	<10	72	68
10	95010	705	0.4	1.48	125	45	<5	3.19	<1	37	74	309	5.25	<10	0.76	1343	19	0.01	4	760	10	<5	<20	40	<0.01	<10	14	<10	32	47
19	95019	135	0.4	1.13	30	35	<5	0.48	<1	15	54	167	6.08	<10	0.50	281	10	0.02	3	1280	8	<5	<20	5	<0.01	<10	16	<10	4	27
36	95055	195	<0.2	2.21	5	70	<5	0.91	<1	15	40	98	>10	<10	1.68	205	12	0.07	1	1930	26	<5	<20	44	0.13	<10	163	<10	<1	25
45	95064	60	<0.2	2.42	5	65	5	0.79	<1	15	42	102	9.18	<10	2.18	350	21	0.09	3	1590	8	<5	<20	75	0.21	<10	186	<10	3	37
54	95073	5	<0.2	3.63	<5	55	<5	5.61	<1	44	264	610	9.09	<10	3.11	1211	5	0.04	134	810	4	<5	<20	48	0.14	<10	131	<10	23	44
71	95091	5	<0.2	2.06	10	55	<5	0.80	<1	14	27	158	7.17	<10	1.93	255	5	0.05	<1	1600	12	<5	<20	47	0.13	<10	148	<10	16	26
80	95100	5	<0.2	1.65	5	55	<5	1.09	<1	12	51	66	4.97	<10	1.55	331	4	0.04	1	1220	10	<5	<20	22	0.07	<10	79	<10	22	25
89	95109	5	<0.2	0.64	<5	35	<5	0.84	<1	3	50	83	2.71	<10	0.17	365	4	0.02	<1	420	4	<5	<20	10	<0.01	<10	4	<10	20	13
106	95126	30	<0.2	2.30	<5	25	<5	5.89	<1	11	48	420	4.58	<10	0.96	432	4	0.02	1	870	2	<5	<20	96	0.10	<10	68	<10	11	24
115	95135	105	<0.2	1.86	<5	55	<5	0.65	<1	42	34	279	>10	<10	1.65	324	36	0.03	6	1420	8	<5	<20	62	0.21	<10	154	<10	<1	30
124	95144	5	<0.2	3.50	<5	75	<5	1.12	<1	15	21	152	6.36	<10	2.42	540	3	0.14	<1	1270	12	<5	<20	90	0.17	<10	211	<10	17	49
141	95161	255	1.2	0.63	30	55	<5	2.52	1	33	107	439	>10	<10	0.24	510	53	0.02	5	660	12	<5	<20	29	<0.01	<10	24	<10	<1	12

TECK EXPLORATION LTD.

ICP CERTIFICATE OF ANALYSIS AK 97-915

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																														
GEO'97		140	1.2	1.77	65	160	<5	1.85	<1	19	63	80	4.15	<10	0.93	688	<1	0.02	25	680	22	<5	<20	63	0.13	<10	81	<10	7	73
GEO'97		150	1.4	1.78	70	170	<5	1.90	5	20	64	78	4.33	<10	0.94	691	<1	0.02	24	640	20	5	<20	70	0.10	<10	84	<10	9	77
GEO'97		145	1.4	1.72	70	155	<5	1.90	<1	20	62	79	4.25	<10	0.98	700	<1	0.02	27	720	26	5	<20	60	0.13	<10	79	<10	8	82
GEO'97		140	1.2	1.76	60	155	5	1.74	<1	18	64	78	3.93	<10	0.94	690	<1	0.02	23	660	24	<5	<20	54	0.11	<10	73	<10	8	71
GEO'97		-	1.4	1.78	60	170	<5	1.90	<1	20	63	84	4.37	<10	0.94	704	<1	0.02	22	700	26	5	<20	63	0.12	<10	80	<10	10	82

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

df/915a
XLS/97

APPENDIX IV

Statement of Expenditures

Wages:	J. Pautler	9 days @ 283.00/day (July 24-30, Aug 9,10)	$ 2,547.00	
	P.L. Grexton	7 days @ 225.00/day (July 24-30)	1,575.00	
		Total: 16 man-days		**$ 4,122.00**
Groceries:	14 man-days @ $ 15.00/md			**210.00**
Meals, Accommodation:	2 man-days @ $50.00/ea.			**100.00**
Field Supplies:	(flagging tape, thread, sample bags) 14 man-days @ $10.00			**$ 140.00**
Camp Supplies:	(Propane, tents, hardware, etc.) 7 days @ $20.00			**$ 140.00**
Equipment rental:	Radios	8 days @ $15.00/day		**120.00**
Truck/Gas:	9 days @ $50./day + 150.00 gas			**600.00**
Sampling Crew:	Minconsult, Vernon, B.C. (22 md, groceries, supplies, expenses) Aug. 9 - 16, 1997			**7,960.61**

Helicopters: Pacific Western Helicopters
Dease Lake, B.C.

Date	Hours	Cost (incl. fuel)
July 25	1.6	1,366.85
July 28	0.9	769.43
July 29	1.9	1,623.94
Aug 10	3.7	3,161.88
Aug 11	1.9	1,667.81
Aug 12	0.9	769.43
Aug 16	1.9	1,623.94

Total: **12.8 hours** **$10,983.28**

Geochemistry: Eco-Tech Labs,
Kamloops B.C.

204 rocks @ 17.00 ea.	Au, ICP	3,468.00	
9 rocks @ 8.50 ea.	Au/Ag assay	76.50	
	Total:		**3,544.50**

Maps & Prints: **425.00**

Report & Drafting: **$ 3,000.00**

GRAND TOTAL: **$ 31,345.39**

APPENDIX V

STATEMENT OF QUALIFICATION

I, Jean Marie Pautler, do hereby certify that:

1) I am a geologist and have worked in the Canadian Cordillera for more than fifteen 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 Professional Geoscientist and a Fellow of the Geological Association of Canada.

4) I supervised and conducted exploration on the Castle Claim Group between July 23 and August 17, 1997.

Jean Pautler

Project Geologist.

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,432

VG OCCURENCE OF VISIBLE Au

(94) 948 ○ △ (406,2.6,167) 1997 SAMPLE LOCATIONS in place, float

LEGEND

Recent

Rbf	Cinderoone; basalt flows, amygdaloidal olivine basalt, dunite breccia, commonly vesicular, local related sediments and pillowed flows

Jurassic

Fp	Feldspar porphyry dykes, medium to coarse grained
Fst	Felsite dykes, pink K-spar trachyte
Snd	Syenodiorite, with disseminated Py, Cpy
Se,1 / Se,2	Epiclastic sediments tuffs, grits, cherts, turbidic limestone, argillite, tourmalinized siltstone.
Vo,1	Interbedded andesites and breccias, commonly porphyritic.
Cfr,2	Coarse fragmentals and breccias
Mt,3	Maroon distal tuffs commonly monolithic with heterolithic units
Alt	Alteration Zone with limonite, sericite, and pervasively silicified volcanics py, cpy, distal zones of ankerite

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

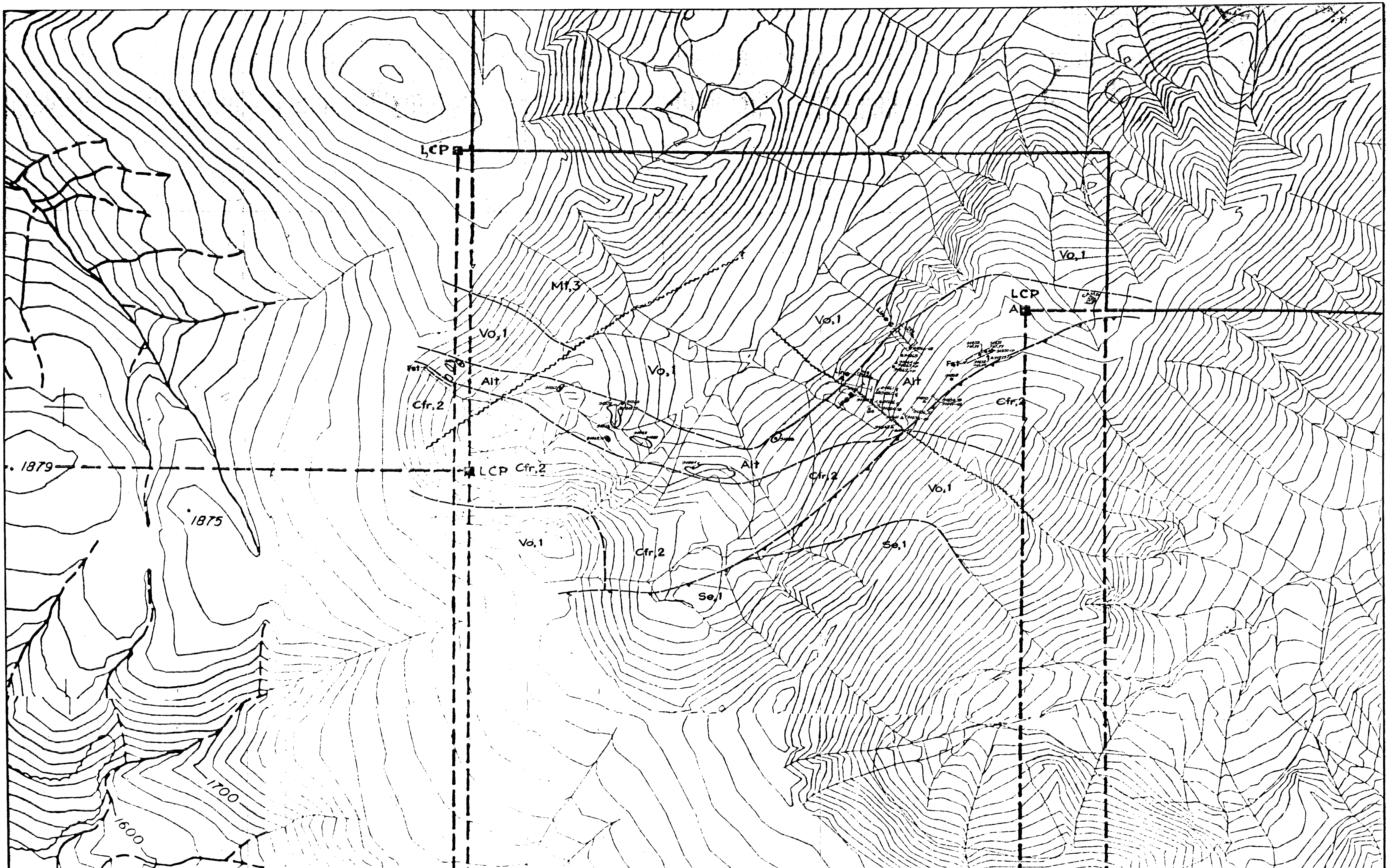
CASTLE PROPERTY

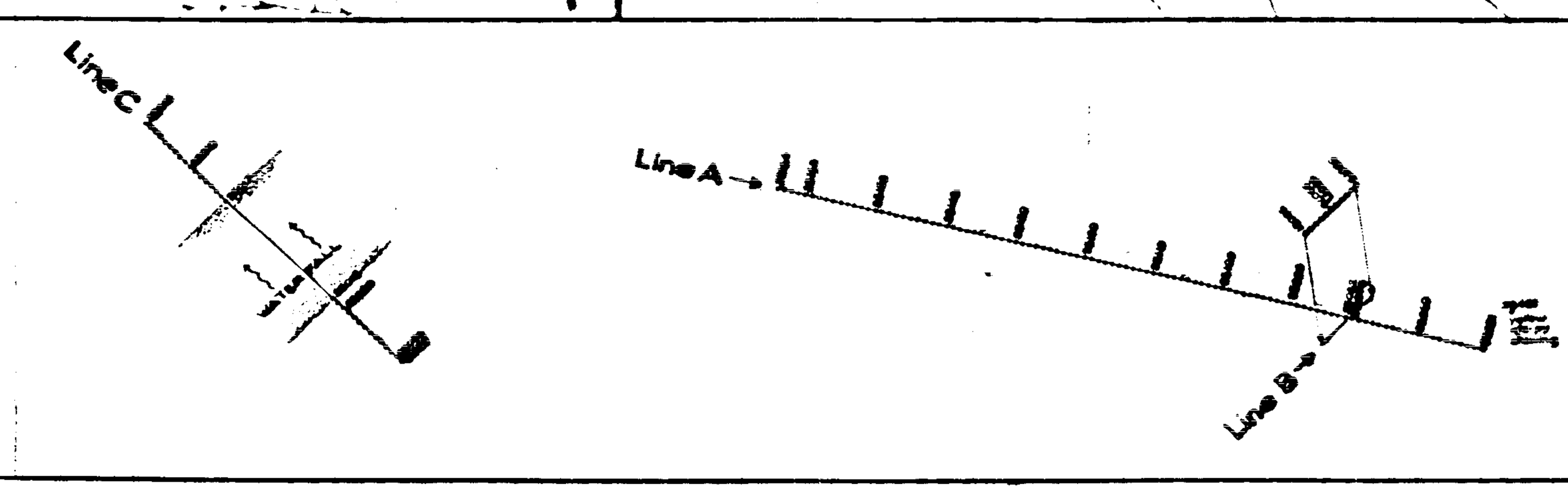
PROPERTY GEOLOGY

0 200 400 metres

DATE DRAWN: NOVEMBER 1, 1997	SCALE: 1:10,000	FIGURE No.
DATA BY: PW, JL, JP, LG	JOB No: 1354	4
DRAWN BY: PW, SA	NTS No: 104 G/16	

1





94950 ●,▲ 1997 SAMPLE LOCATIONS in place, float

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,432

LEGEND

Recent

Rbf	Cindercone; basalt flows, amygdaloidal olivine basalt, durite breccia, commonly vesicular, local related sediments and pillowed flows

Jurassic

Fp	Feldspar porphyry dykes, medium to coarse grained
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Alt	Alteration Zone with limonite, sericite, and pervasively silicified volcanics py, cpy, distal zones of ankerite

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

CASTLE PROPERTY

Castle East & Central Zones
SAMPLE LOCATIONS

(2)

0 100 200 metres

DATE DRAWN: NOVEMBER 1, 1997	SCALE: 1:5,000	FIGURE No.
DATA BY: JP, LG	JOB No: 1364	5
DRAWN BY: SA	NTS No: 104 G/16	