

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORTS

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1995 ASSESSMENT REPORT

ON THE
TSACHA PROPERTY

NTS: 93F/3E,2W

Latitude 53°02'N

Longitude 125°02'W

Omineca Mining Division

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

FILMED

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

GEOLOGICAL BRANCH
ASSESSMENT REPORT
Jean Pautler
December, 1995

24,369

SUMMARY:

The 84 unit (2100 ha) TSACHA claims were staked to cover the TOMMY epithermal Au, Ag showing, discovered by the B.C. Geological Survey Branch in 1993. The property is located 125 km southwest of Vanderhoof, B.C.

The property is underlain by volcanic rocks, which include quartz phyric rhyolite welded tuffs and augite porphyritic basaltic andesite flows, with minor volcanoclastic sedimentary rocks, all of the Jurassic Hazelton Group. An augite porphyry plug is exposed in the southern property area. The above units are intruded by late Cretaceous felsite dykes and sills.

Numerous north to northeast trending veins and silicified stockwork zones are evident on the property, all hosted by the felsic welded tuff unit. The most significant vein to date, in terms of size and continuity, is the Tommy Vein. The Tommy Vein trends north, dips vertically, has been traced for 590m and remains open along strike.

Seven excavator trenches and 800.5m of diamond drilling in 8 holes was completed to satisfy the 1995 assessment requirements. The Tommy Vein was traced over a 590m strike extent and down to a 100 to 120m dip extent. The vein is still open in all directions.

A 1500-2000m diamond drill program is recommended to test the Tommy Vein below the sill and along strike to the south. Additional trenching, followed by drilling, is required to trace the Larry and other veins on the property. Various geophysical methods (magnetics, resistivity) should be tested over the grid area to determine a possible method to trace the Tommy and additional veins and locate new veins under thick till cover.

TABLE OF CONTENTS

	Page
SUMMARY	i
1. LOCATION AND ACCESS	1
2. LEGAL DESCRIPTION	1
3. PHYSIOGRAPHY	1
4. HISTORY	2
5. 1995 WORK	2
6. GEOLOGY	2
a) Regional	2
b) Property	3
c) Mineralization	4
7. TRENCHING	5
8. DRILLING	8
9. CONCLUSIONS AND RECOMMENDATIONS	15

APPENDICES

Appendix I	Selected References
Appendix II	Geochemical Procedure and Results
Appendix III	Diamond Drill Logs
Appendix IV	Statement of Expenditures
Appendix V	Statement of Qualifications

LIST OF FIGURES

		Following Page
Figure 1	Location Map (1:2,000,000)	1
Figure 2	Claim Map (1:50,000)	1
Figure 3	Regional Geology Map (1: 400,000)	2
Figure 4	Property Geology (1:10,000)	back pocket
Figure 5	Grid Geology (1: 2,500)	back pocket
Figure 6	1995 Drill Hole Location Map (1:2,000)	7
Figure 7	Trench 13B Detail (1:200)	7
Figure 8	Trench 18 Detail (1:200)	7
Figure 9	Trench 19 Detail (1:200)	7
Figure 10	Trench 20 Detail (1:200)	7
Figure 11	Trench 21 Detail (1:200)	7
Figure 12	Trench 22 Detail (1:200)	7
Figure 13	Trench 23 Detail (1:200)	7
Figure 14	Cross-section through DDH 95-1 (1:500)	10
Figure 15	Cross-section through DDH 95-2 (1:500)	11
Figure 16	Cross-section through DDH 95-5, -6 -7 and -16 (1:500)	back pocket
Figure 17	Cross-section through DDH 95-34, -35 (1:500)	back pocket

LIST OF TABLES

Table 1	Diamond Drill Hole Data	8
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1. LOCATION AND ACCESS (Figure 1)

The TSACHA property, NTS map sheet 93F/3E,2W, is located 125 km southwest of Vanderhoof, B.C., in the Omineca Mining Division. Latitude and longitude of the property are 53°02'N, 125°02'W.

Access is south and west by road from Vanderhoof via the Kenney Dam Road for 25 km. The Kluskus-Ootsa Forest Service Road is then followed to 162 km, at which point the 5 km long green 8000 Road, accesses the northwest edge of the property. A fire access road continues from this point to the central property area.

2. LEGAL DESCRIPTION (Figure 2)

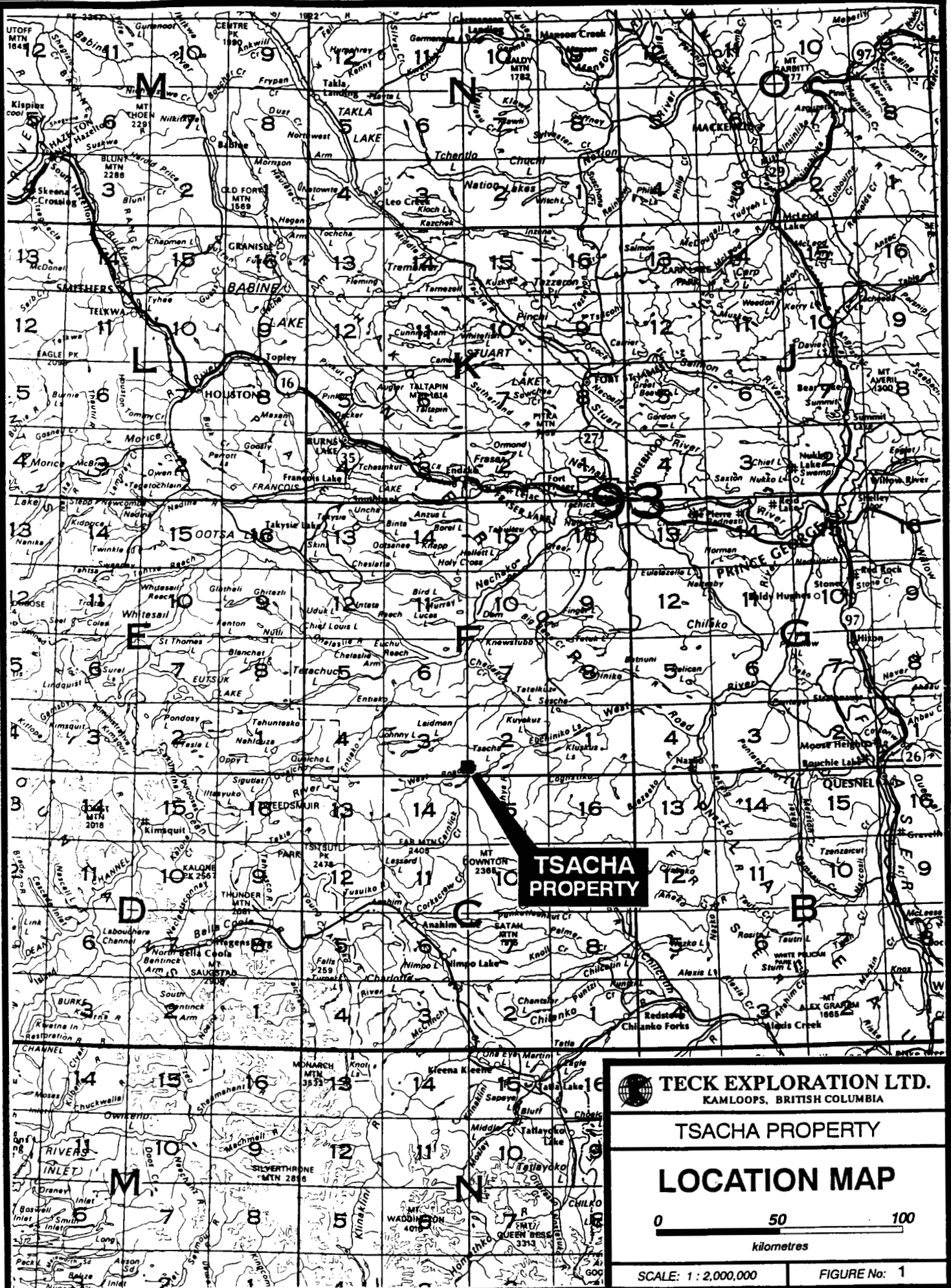
The TSACHA Claim Group, comprising the Tsacha, Tasha, Tasha 1, Tasha 2 and Tasha 3 MGS claims, consists of 84 contiguous units covering an area of approximately 2100 hectares. The property is owned by Teck Corporation, Vancouver, B.C. and Teck Exploration Ltd., of Kamloops, B.C., was the operator. Work on the Tasha 3 claim did not commence until after November 23, 1995. A table showing pertinent claim data follows:

Claim Name	Record No.	No. of Units	Expiry Date	Years to be Applied	New Expiry Date
TSACHA	323354	16	Jan. 28, 2001	5	Jan. 28, 2006*
TASHA	325898	20	May 30, 2001	5	May 30, 2006*
TASHA 1	326061	16	June 3, 2001	5	June 3, 2006*
TASHA 2	326062	16	June 3, 2001	5	June 3, 2006*
TASHA 3	342344	16	Nov. 23, 1996	5	Nov. 23, 2001*

* Note: Expiry date based on acceptance of this report.

3. PHYSIOGRAPHY

The claims lie within the Naglico Hills of the Nechako (Interior) Plateau, which consists of low rounded hills interspersed with wet lowlands and dotted by lakes. Exposure is extremely poor but does exist along low ridges and knobs. The property encompasses the eastern end of Tommy Lakes. A series of knolls provide exposure but till cover rapidly increases away from the knolls. Elevations on the property range from 1067m to 1280m.



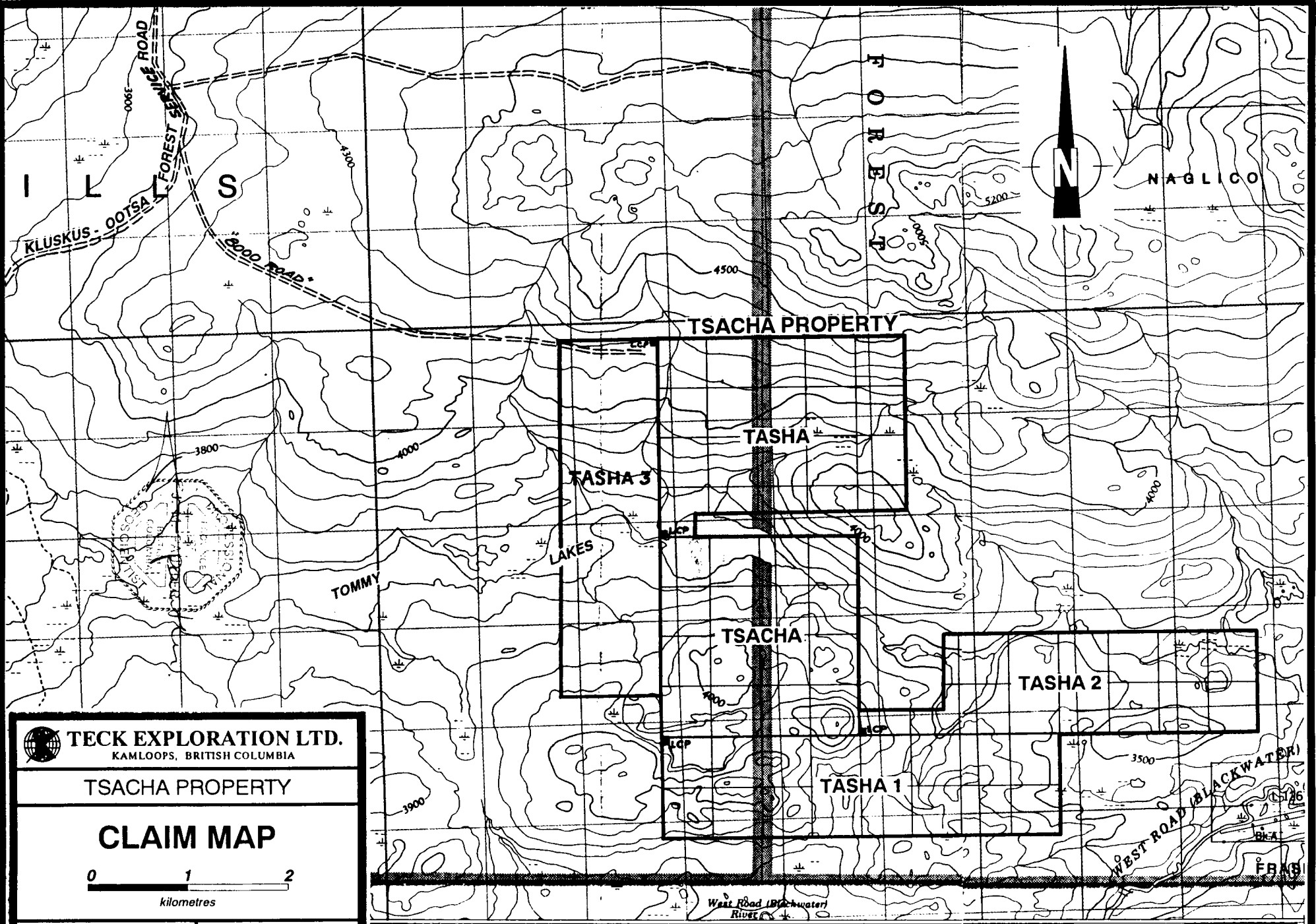
**TSACHA
PROPERTY**

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

**TSACHA PROPERTY
LOCATION MAP**



SCALE: 1 : 2,000,000 FIGURE No: 1



TECK EXPLORATION LTD.
 KAMLOOPS, BRITISH COLUMBIA

TSACHA PROPERTY

CLAIM MAP

0 1 2
 kilometres

SCALE: 1 : 50,000 FIGURE No: 2

05' 61 62 63 64 365000m. E. 125°00' 367000m. E. 68 69

4. HISTORY

The TSACHA property covers the Tommy epithermal Au, Ag showing, discovered by the B.C. Geological Survey Branch in 1993. The B.C. Geological Survey reported values up to 3.7 g/t Au and 41.8 g/t Ag from outcropping quartz veins. The showing was staked by Teck Corporation in 1994, immediately following the release of this data.

In 1994, four veins and a vein-stockwork zone were delineated on the property. The Tommy Vein was traced by trenching over a strike length of 515m. Values fairly consistently ≥ 1 g/t Au were obtained along the entire exposure of the vein with maximum values of 61.9 g/t Au, 292.5 g/t Ag over 1.5m, indicating good potential for high grade ore shoots.

5. 1995 WORK

The 1995 work on the TSACHA property primarily consisted of 300 line metres of excavator trenching and 5,195m of diamond drilling in 35 holes. The trenching and only eight of the drill holes will be filed for assessment. A total of 65 man days were spent conducting the assessment work between July 14 and November 27, 1995. DDH 95- 34 and -35 have been included to cover the assessment on Tasha 3 which was not staked until November 23, 1995. Although DDH 95-34 started on November 23, only those costs after this date have been applied for assessment.

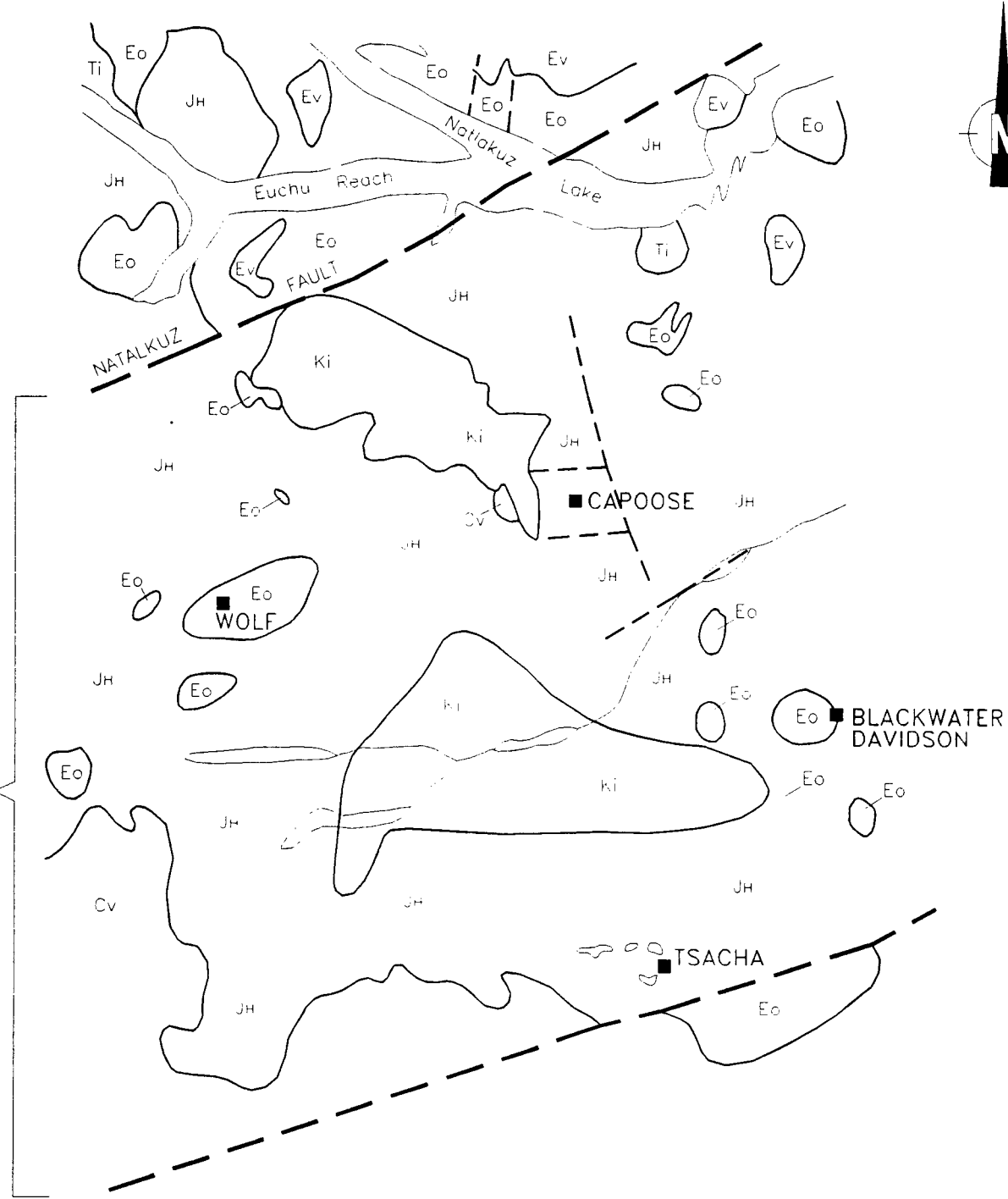
6. GEOLOGY

a) Regional (Figure 3)

For a thorough description of the regional geology of the Fawnie Creek Map Area, including the TSACHA occurrence, refer to Diakow and Webster, 1994.

The property occurs within an east trending, regionally extensive horst referred to as the Nechako Uplift and characterized by volcano-sedimentary rocks of the Middle to Lower Jurassic Hazelton Group. The Jurassic succession is intruded by quartz monzonite of the Late Jurassic to Early Cretaceous? Capoose Batholith and overlain by volcanic outliers of the Eocene Ootsa Lake Group and younger basaltic flows.

Nechako Uplift



after Diakow et al, 1993, 1994

- Tertiary**
- Cv Chicotin volcanics
 - Ev Endako Volcanics
 - Eo Ootsa Group
mainly volcanics
- Jurassic**
- JH Hazelton Group
mainly volcanics
- Intrusions**
- Ti Tertiary intrusions
 - Ki Cretaceous intrusions

FIGURE 3

TECK EXPLORATION LTD. KAMLOOPS, BRITISH COLUMBIA		
TSACHA PROPERTY		
<h1>REGIONAL GEOLOGY</h1>		
DATE DRAWN: NOV. 2, 1994	SCALE: 1:400,000	DWG. NAME:
COMPILED BY: J.P.	JOB No.: 1745	TSA-REG
DRAWN BY: S.A.	NTS No.: 93F/3E	

b) Property (Figures 4, 5)

The Tsacha property is underlain by volcanic rocks, which include quartz phyric rhyolite tuffs and lesser augite porphyritic basaltic andesite flows, with minor volcanoclastic sedimentary rocks, all of the Naglico Formation of the Jurassic Hazelton Group. An augite porphyry plug is exposed in the southern property area. The above units are intruded by late Cretaceous aged (Mortenson, J., personal communication) felsite dykes and sills.

The rhyolite is the most extensive unit on the property and typically contains 3-5% quartz and 15-40% feldspar phenocrysts in variably welded tuffs. The unit is magnetic when fresh typically with a dark, almost black, to grey-green to maroon coloured matrix, often glassy with quartz and feldspar phenocrysts. The latter are commonly sausseritized. The maroon colour is due to pervasive secondary hematite alteration. Moderate to intense welding is common. The welding is defined by lighter coloured compressed lithic fragments of the rhyolite, which resemble flow banding. Basaltic andesite fragments also occur but are not welded. They are generally a few millimetres across but an occasional fragment may be up to 5-10 cm across.

The basaltic andesite unit (Unit 2) conformably overlies the felsic unit in the southwestern property area. It largely consists of green coloured, magnetic augite porphyritic flows. Outcrops of maroon coloured dacite flows in the northeastern property area have been grouped with Unit 2 since they are of limited extent and are interlayered with the basaltic andesites.

Minor volcanic derived, calcareous sandstone to conglomerate of Unit 3, with abundant plagioclase phenocrysts, outcrops on the north side of the augite porphyry plug. It may be derived from Unit 1.

An augite porphyry plug (Unit 4), coarser than the basaltic andesite flows, is exposed in the southern portion of the claims. It is unclear whether the plug is cogenetic with the flows or part of the Cretaceous succession.

A late Cretaceous aged felsite intrusive rock (Unit 5) occurs as sills and dykes on the property. A 100m wide sill is exposed at the north end of the grid. Another sill is exposed on top of a hill and down the south side of the hill as a dip slope expression, just southeast of L42N/53E. The felsic welded tuff is exposed beneath the felsite at this locality. The felsite is

fine grained. grey-green to brownish in colour, variably magnetic, blocky weathering and is characterized by calcite amygdules and minor vitreous biotite phenocrysts. Composition varies from granodiorite to lesser quartz monzonite. Occasional plagioclase phenocrysts can be distinguished. In the southern grid area, the felsite appears to grade into andesite dykes with calcite amygdules and minor augite phenocrysts.

c) Mineralization (Figure 5)

Numerous veins, vein-stockworks and silicified zones are evident on the property, all hosted by the Jurassic felsic volcanic unit (Unit 1). The veins are cut off by the felsite (Unit 5).

The best explored vein to date, is the Tommy Vein. The Tommy Vein trends north, dips vertically, averages 3-4m wide and has been traced for 590m. A more complete description of the vein can be found in A.R. 23881.

The northernmost exposure of the Tommy Vein is in Trench 9 at 5090N, where the vein fingers into two veins. However, the vein is suspected to continue to the felsite sill at L52N. The southernmost intersection of the vein occurs at 4500N in DDH 95-11.

The Larry Vein at 5075N/5135E, 135m east of the Tommy Vein was exposed in Trench 15 in 1994. This vein trends north, dips vertically, and is 3.5m wide at this locality. The presence of quartz float at L48N/5150E and a rounded knoll (a typical expression of underlying veins) at 4760N/5150E suggests that the Larry Vein may continue through this region, with the possibility of the same continuity (500m+ strike potential) as the Tommy Vein.

The Bobby Vein, trends northeasterly and probably represents an extensional vein between the Tommy and Larry Veins. The Bobby Vein generally trends 20-30°, dips 80°W, is up to 1m wide and appears to extend for 200m.

Other northerly trending veins are evident on the property but have not been traced along strike due to extensive till cover. The Ian Vein/Stockwork Zone, 175m west of the Tommy Vein trends northerly, dips near vertical and ranges up to 75m wide with individual veins up to 1m wide. Two large pervasively silicified zones occur on the property, one on the northeast shore of Carter Lake and the other on Bernie Knoll, northeast of the grid at the edge of a large burn.

8. TRENCHING (Figures 7 - 13)

a) Procedure

Seven excavator trenches were excavated during the Phase 1 program in order to trace additional veins on the property and to more fully delineate the high grade zone around Trench 94-13. A John Deere 290 excavator, owned and operated by Alf Kalenith of Cache Creek, B.C., was utilized to dig the 240m² in seven trenches. On completion of the job, all of the trenches were backfilled, water bars constructed and the sites seeded. Trench locations are outlined in Figures 5 and 6. The geology, sample locations and Au, Ag results from the trenches are shown on Figures 7 to 13. Complete results are outlined in Appendix II.

A total of 69 rock samples were collected from the trenches. The samples were sent to Eco-Tech Labs, Kamloops, B.C. and analyzed for Al, Sb, As, Ba, Bi, Cd, Ca, Cr, Co, Cu, Fe, La, Pb, Mg, Mn, Hg, Mo, Na, Ni, P, Ag, Sr, Ti, Sn, W, U, V and Zn using a 32 element ICP package which involves a nitric-aqua regia digestion. Au was analyzed by fire assay with an atomic absorption finish. Au/Ag values >1,000 ppb Au and 30 ppm Ag were assayed. Lab procedures and results are outlined in Appendix II.

The rock samples consisted of chip samples across veins, wallrock and alteration zones. Individual trench results are plotted on Figures 7 to 13.

b) Results and Interpretation

Trench 95-13B, a continuation of Trench 94-13, was excavated to explore the southern strike extent of the high grade zone in Trench 13 (61.9 g/t over 1.5m). The Tommy Vein appears to trend off at 164°/80°W in Trench 13B. Due to the change in strike from the due north trend observed in Trench 13, a complete chip sample across the 3m possible width could not be obtained. This possible change in strike could be a control in localizing the high grade mineralization in this area.

The two samples collected from the Tommy Vein in Trench 13B contained 56.25 g/t Au, 396.4 g/t Ag over 1.5 m in sample 20929 and 83.01 g/t Au, 553.5 g/t Ag over 1.3m in sample 20930. The hanging wall, consisting of limonite, clay, sericite altered felsic welded tuff \pm quartz stringers ran 0.4 g/t Au, 4.4 g/t Ag over 1.0m as a weighted average from samples 20931 and 20932. The footwall was not exposed.

Trenches 18 and 19 tested for the possible strike extension of the Larry Vein. The presence of the Larry Vein was suggested by quartz float at L48N/5150E, a Au in soil anomaly at L48N/51E-5125E and a rounded knoll (a typical expression of underlying veins) at 4760N/5150E. Both trenches failed to intersect any vein material and consisted entirely of the welded tuff (Unit 1) except for a 2m section of andesite or felsite dyke exposed in the west end of Trench 19. Three samples were collected from each trench of small silicified zones \pm sericite and limonite alteration (Trench 18: 20901-3; Trench 19: 20904-6). The best value was 150 ppb Au from Trench 18, upslope of the Au in soil anomaly.

Trenches 20 to 23 all tested the Ian Vein Stockwork. Trench 20 explored the northern extent. Trench 21 opened up the Ian Vein in the vicinity of the highest value obtained (11.6 g/t Au over 0.7m), Trench 22 explored stockwork mineralization east of the Ian Vein, and Trench 23 tested the southern strike extent.

The only lithology exposed in the above trenches is the felsic welded tuff. Alteration is widespread with variable amounts of limonite, clay, sericite and silicification. The extensive alteration appears to be related to a major north-northwest trending fault. It is best exposed in Trench 20 (north end) and Trench 23 (south end). The central section (Trenches 21, 22) appears to have been healed by more widespread silicification. Pyrite is common but minor disseminated sphalerite and galena are also associated with this fault and are most evident in Trenches 22 and 23.

Only one significant Au result was obtained from the 22 samples (20907-28) collected from Trench 20. Sample 20924, which consisted of quartz stringered weakly sericitized and locally silicified felsic welded tuff, contained 1.10 g/t Au, 23.0 g/t Ag across 1.3m.

A total of 13 samples (20933-43, 20951-52) were collected from Trench 21. The only significant results are from the Ian Vein. A weighted average of samples 20942 and 20943 indicate 3.31 g/t Au across 2.0m, about 5m south of the 11.6 g/t Au value over 0.7m obtained in 1994. An additional 5m to the south the vein grades into a quartz stringered zone that contains only 125 ppb Au across 2.1m (20939).

No significant precious metal values were obtained from the seven samples (20944-50) collected from Trench 22 which covers that part of the stockwork zone east of the Ian Vein. However, all the samples collected from the trench are anomalous in Pb and Zn. The highest values are 706 ppm Zn, 396 ppm Pb from a silicified zone with quartz stringers and small veins (20945).

Seventeen samples (20953-69) were collected from Trench 23. Although three distinct vein zones were outlined, only one vein contained significant results. The central vein ran 930 ppb Au, 5.4 g/t Ag across 0.9m (20964) and is contained within a 15m+ wide zone that is anomalous in Pb, Zn. This vein corresponds to the quartz rich zone in Trench 22 that contained anomalous Pb, Zn. The extension of the Ian Vein in Trench 23 was not anomalous (20958).

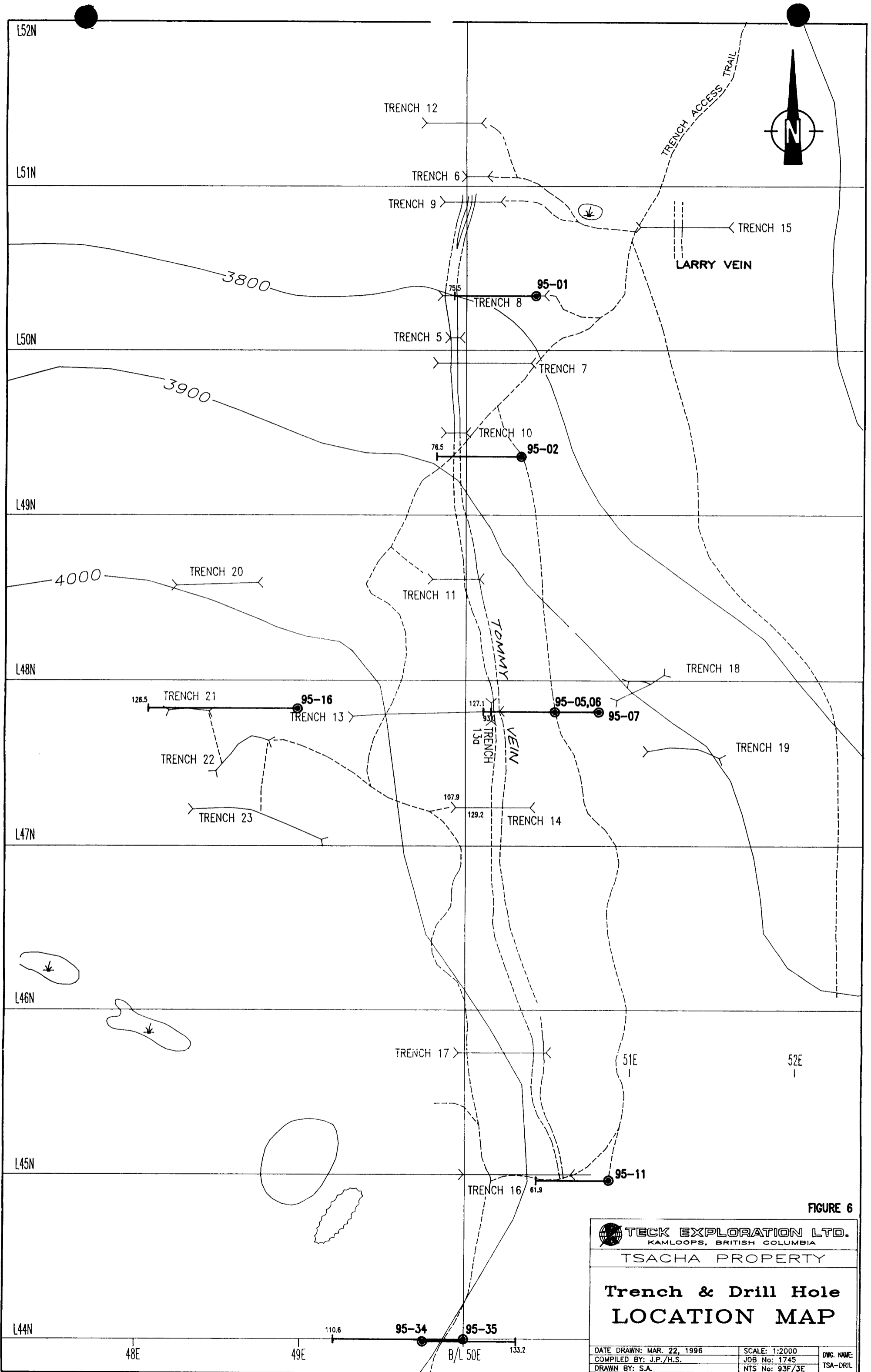

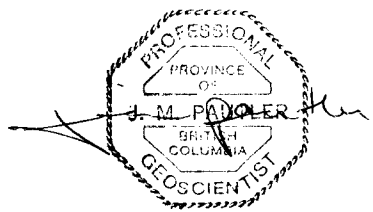
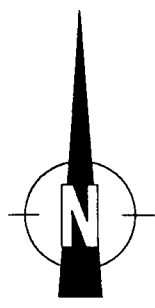
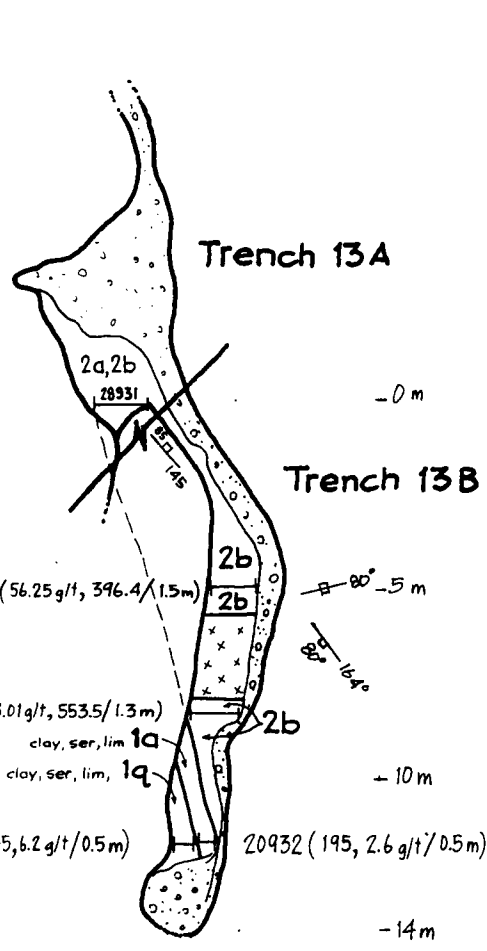


FIGURE 6

 TECK EXPLORATION LTD. KAMLOOPS, BRITISH COLUMBIA		
TSACHA PROPERTY		
Trench & Drill Hole LOCATION MAP		
DATE DRAWN: MAR. 22, 1996 COMPILED BY: J.P./H.S. DRAWN BY: S.A.	SCALE: 1:2000 JOB No: 1745 NTS No: 93F/3E	DWG. NAME: TSA-DRIL



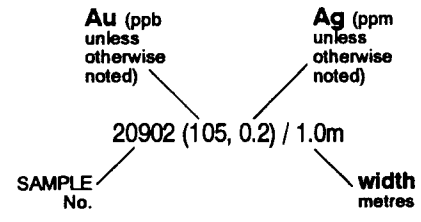
x x x
x x x FELSITE

LEGEND

1 RHYOLITE grey to maroon, crowded to sparse, feldspar porphyry crystal ash / tuff / flow with minor quartz grains, lithic fragments, rare euhedral disseminated pyrite.
Altered; a. limonite +/- hematite +/- chlorite +/- clay +/- sericite
 q. quartz/calcite stringer/stockwork
 s. pervasive silicification

2 QUARTZ/CALCITE veins and veinlets
 a. leuco, crystalline to chalcedonic, banded to locally massive, drusy
 b. dark brown weathered quartz and sparry calcite, locally banded, chalcedonic
 c. parallel to anastomosing quartz stringer stockwork, veinlets, local sparry calcite

MINERALS	ALTERATION	STRUCTURE	MODIFIERS
q quartz	ser sericite	v vein	tr trace
py pyrite	hem hematite	bx breccia	w weak
cp chalcopryrite	chi chlorite	str stringer	m moderate
ga galena	sil silicified	stwk stockwork	s strong
ank ankerite	lim limonite		i intense
carb carbonate			
chalc chalcedony			

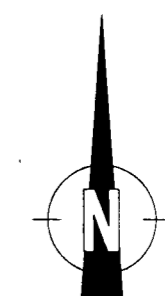


TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

TSACHA PROPERTY

TRENCH 13B DETAIL

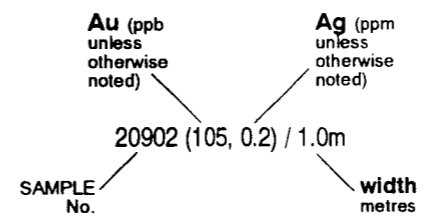
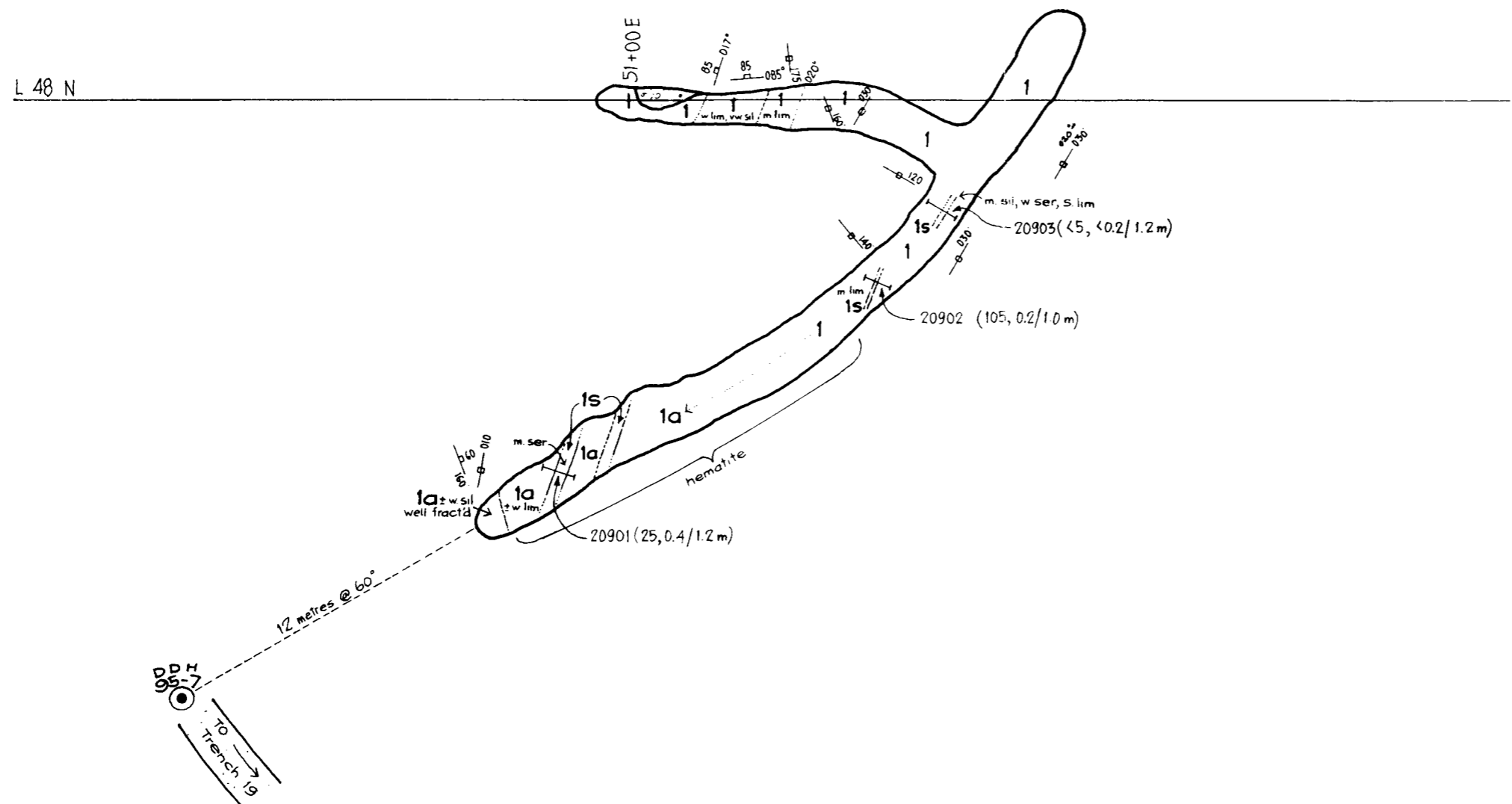




LEGEND

- 1 RHYOLITE** grey to maroon, crowded to sparse, feldspar porphyry crystal ash / tuff / flow with minor quartz grains, lithic fragments, rare euhedral disseminated pyrite.
- Altered;** a. limonite +/- hematite +/- chlorite +/- clay +/- ser.
 q. quartz/calcite stringer/stockwork
 s. pervasive silicification
- 2 QUARTZ/CALCITE veins and veinlets**
- a. leuco, crystalline to chalcedonic, banded to locally massive, drusy
 b. dark brown weathered quartz and sparry calcite, locally banded, chalcedonic
 c. parallel to anastomosing quartz stringer stockwork, veinlets, local sparry calcite

MINERALS	ALTERATION	STRUCTURE	MODIFIERS
q quartz	ser sericite	v vein	tr trace
py pyrite	hem hematite	bx breccia	w weak
cp chalcopryite	chl chlorite	str stringer	m moderate
ga galena	sil silicified	stwk stockwork	s strong
ank ankerite	lim limonite		i intense
carb carbonate			
chalc chalcedony			



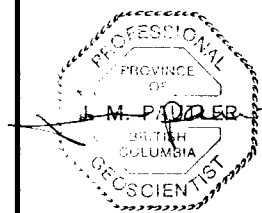
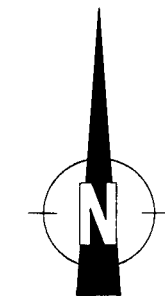
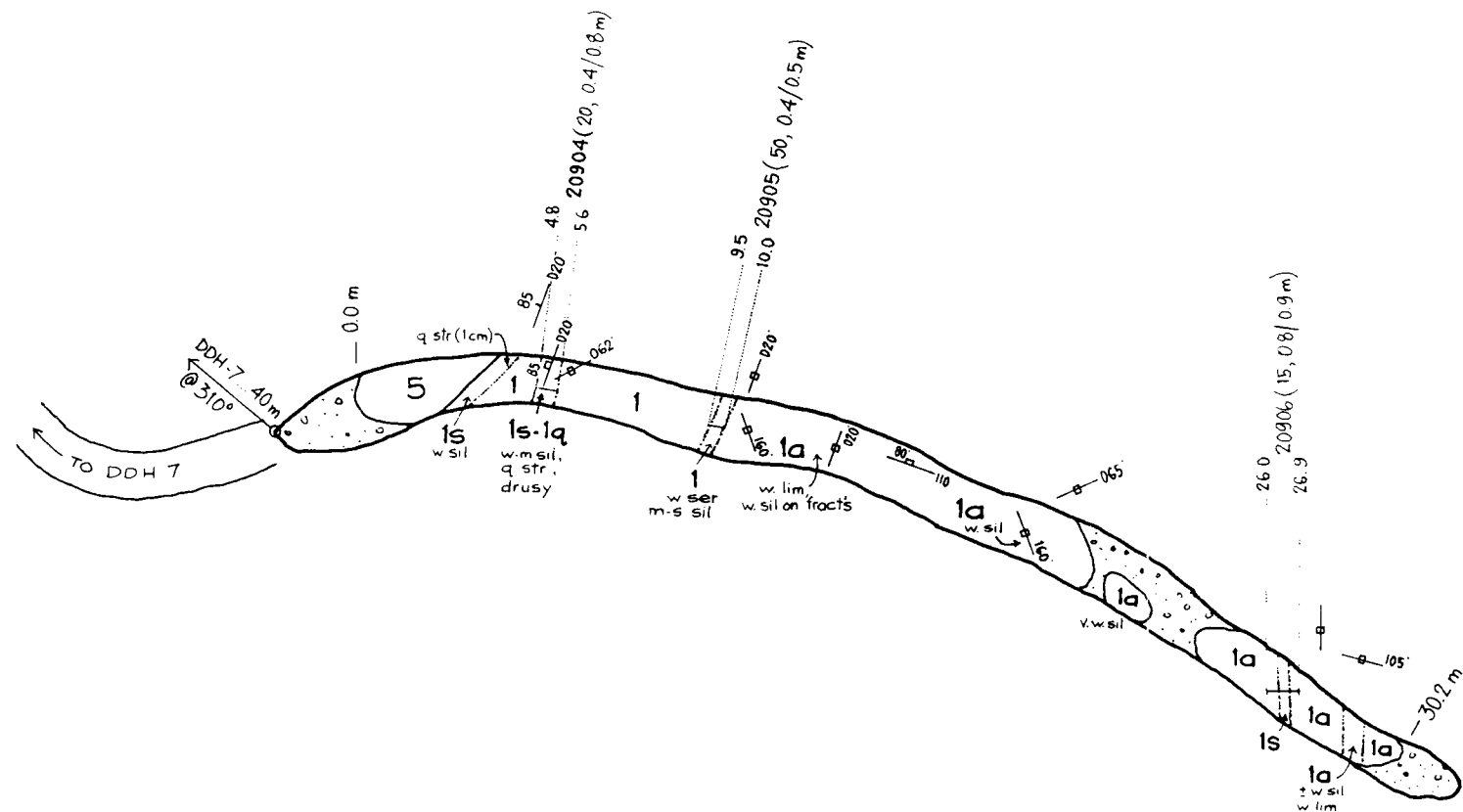
TECK EXPLORATION LTD.
 KAMLOOPS, BRITISH COLUMBIA

TSACHA PROPERTY

**TRENCH 18
 DETAIL**

0 5 metres
 1: 200

DATE: JAN '96 DATA BY: J.P. DRAWN BY: S.A. FIGURE No: 8



LEGEND

- 1 RHYOLITE** grey to maroon, crowded to sparse, feldspar porphyry crystal ash / tuff / flow with minor quartz grains, lithic fragments, rare euhedral disseminated pyrite.
 Altered; a. limonite +/- hematite +/- chlorite +/- clay +/- ser.
 q. quartz/calcite stringer/stockwork
 s. pervasive silicification
- 2 QUARTZ/CALCITE veins and veinlets**
 a. leuco, crystalline to chalcedonic, banded to locally massive, drusy
 b. dark brown weathered quartz and sparry calcite, locally banded, chalcedonic
 c. parallel to anastomosing quartz stringer stockwork, veinlets, local sparry calcite
- 5 FELSITE** fine grained andesitic sills, dykes

MINERALS	ALTERATION	STRUCTURE	MODIFIERS
q quartz	ser sericite	v vein	tr trace
py pyrite	hem hematite	bx breccia	w weak
cp chalcopyrite	chl chlorite	str stringer	m moderate
ga galena	sil silicified	stwk stockwork	s strong
ank ankerite	lim limonite		i intense
carb carbonate			
chalc chalcedony			

Au (ppb unless otherwise noted) Ag (ppm unless otherwise noted)

20902 (105, 0.2) / 1.0m

SAMPLE No. width metres

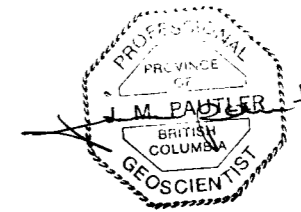
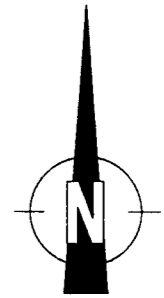
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

TSACHA PROPERTY

**TRENCH 19
DETAIL**

0 5 metres
1:200

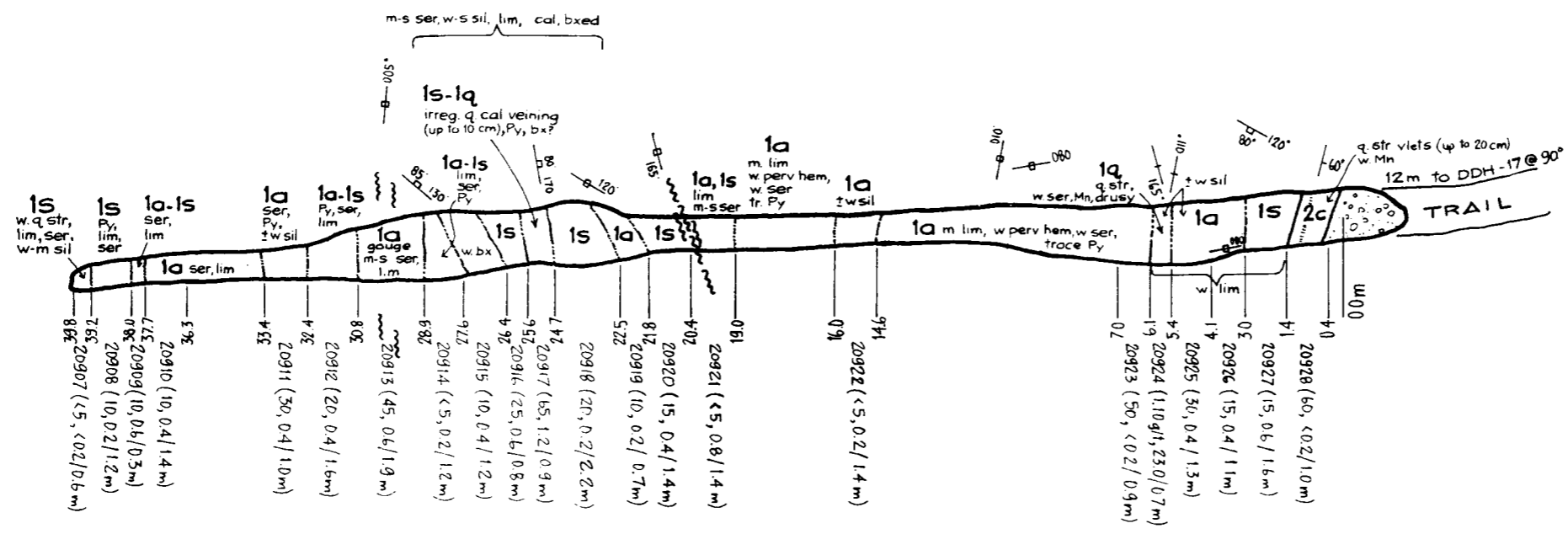
DATE: JAN '96 DATA BY: J.P. DRAWN BY: S.A. FIGURE No: 9



LEGEND

- 1 RHYOLITE** grey to maroon, crowded to sparse, feldspar porphyry crystal ash / tuff / flow with minor quartz grains, lithic fragments, rare euhedral disseminated pyrite.
- Altered;** a. limonite +/- hematite +/- chlorite +/- clay +/- ser
 q. quartz/calcite stringer/stockwork
 s. pervasive silicification
- 2 QUARTZ/CALCITE veins and veinlets**
- a. leuco, crystalline to chalcedonic. banded to locally massive, drusy
 - b. dark brown weathered quartz and sparry calcite, locally banded, chalcedonic
 - c. parallel to anastomosing quartz stringer stockwork, veinlets, local sparry calcite

MINERALS	ALTERATION	STRUCTURE	MODIFIERS
q quartz	ser sericite	v vein	tr trace
py pyrite	hem hematite	bx breccia	w weak
cp chalcopryite	chl chlorite	str stringer	m moderate
ga galena	sil silicified	stwk stockwork	s strong
ank ankerite	lim limonite		i intense
carb carbonate			
chalc chalcedony			

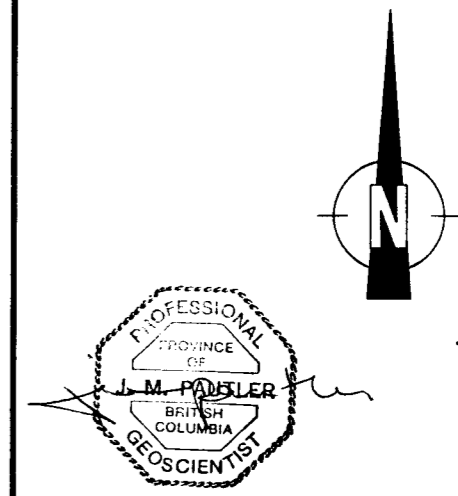
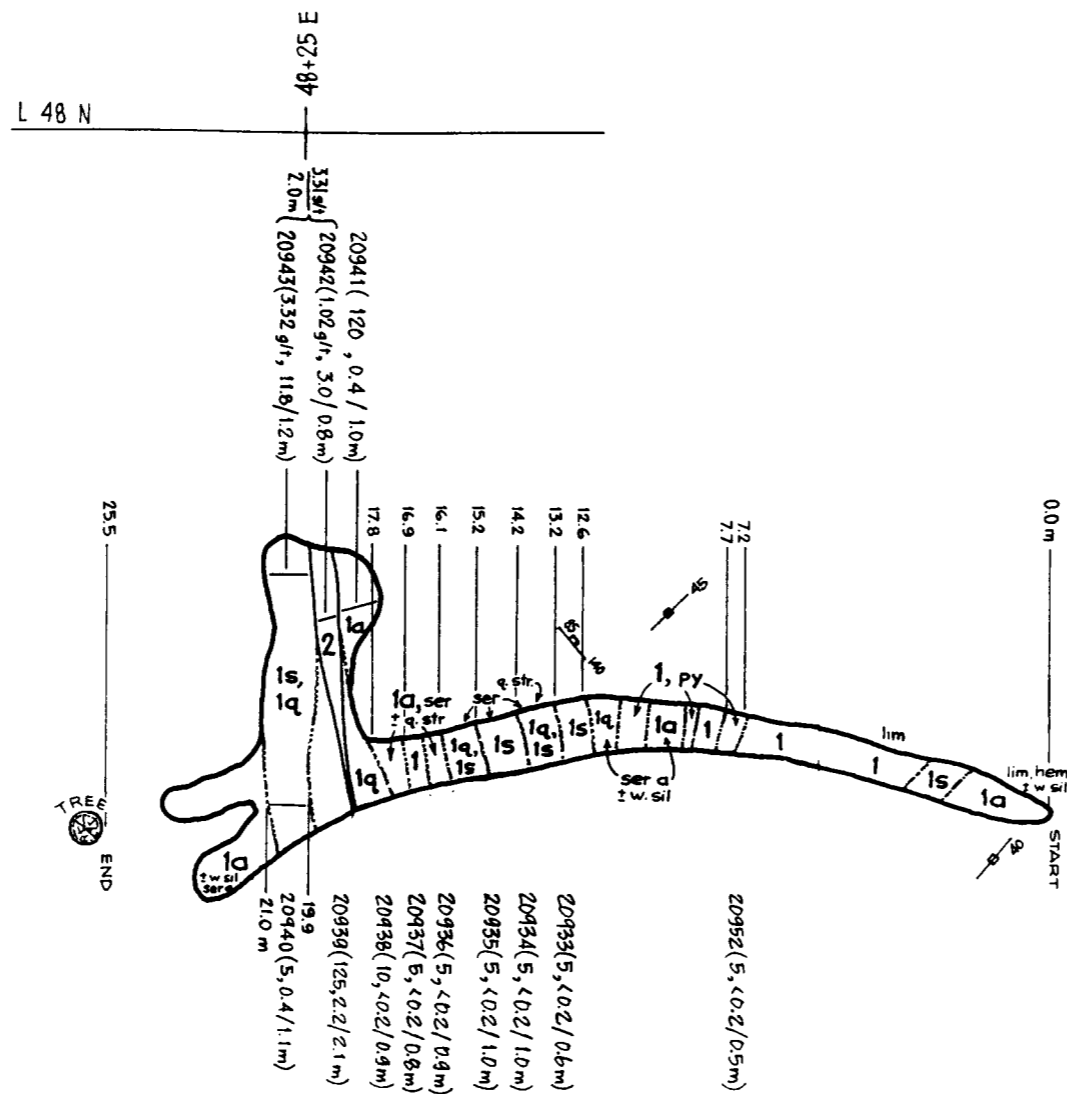


TECK EXPLORATION LTD.
 KAMLOOPS, BRITISH COLUMBIA

TSACHA PROPERTY

**TRENCH 20
 DETAIL**

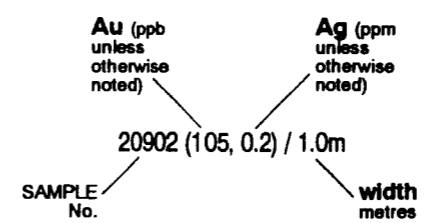
0 5 metres



LEGEND

- 1 RHYOLITE** grey to maroon, crowded to sparse, feldspar porphyry crystal ash / tuff / flow with minor quartz grains, lithic fragments, rare euhedral disseminated pyrite.
 Altered; a. limonite +/- hematite +/- chlorite +/- clay
 q. quartz/calcite stringer/stockwork
 s. pervasive silicification
- 2 QUARTZ/CALCITE veins and veinlets**
 a. leuco, crystalline to chalcedonic, banded to locally massive, drusy
 b. dark brown weathered quartz and sparry calcite, locally banded, chalcedonic
 c. parallel to anastomosing quartz stringer stockwork, veinlets, local sparry calcite

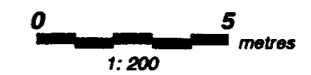
MINERALS	ALTERATION	STRUCTURE	MODIFIERS
q quartz	ser sericite	v vein	tr trace
py pyrite	hem hematite	bx breccia	w weak
cp chalcopyrite	chl chlorite	str stringer	m moderate
ga galena	sil silicified	stwk stockwork	s strong
ank ankerite	lim limonite		i intense
carb carbonate			
chalc chalcedony			

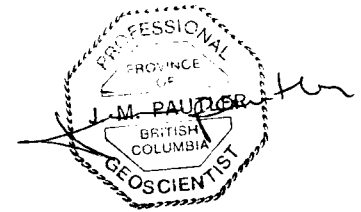
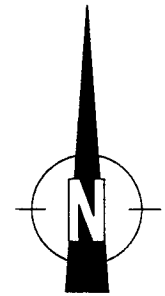
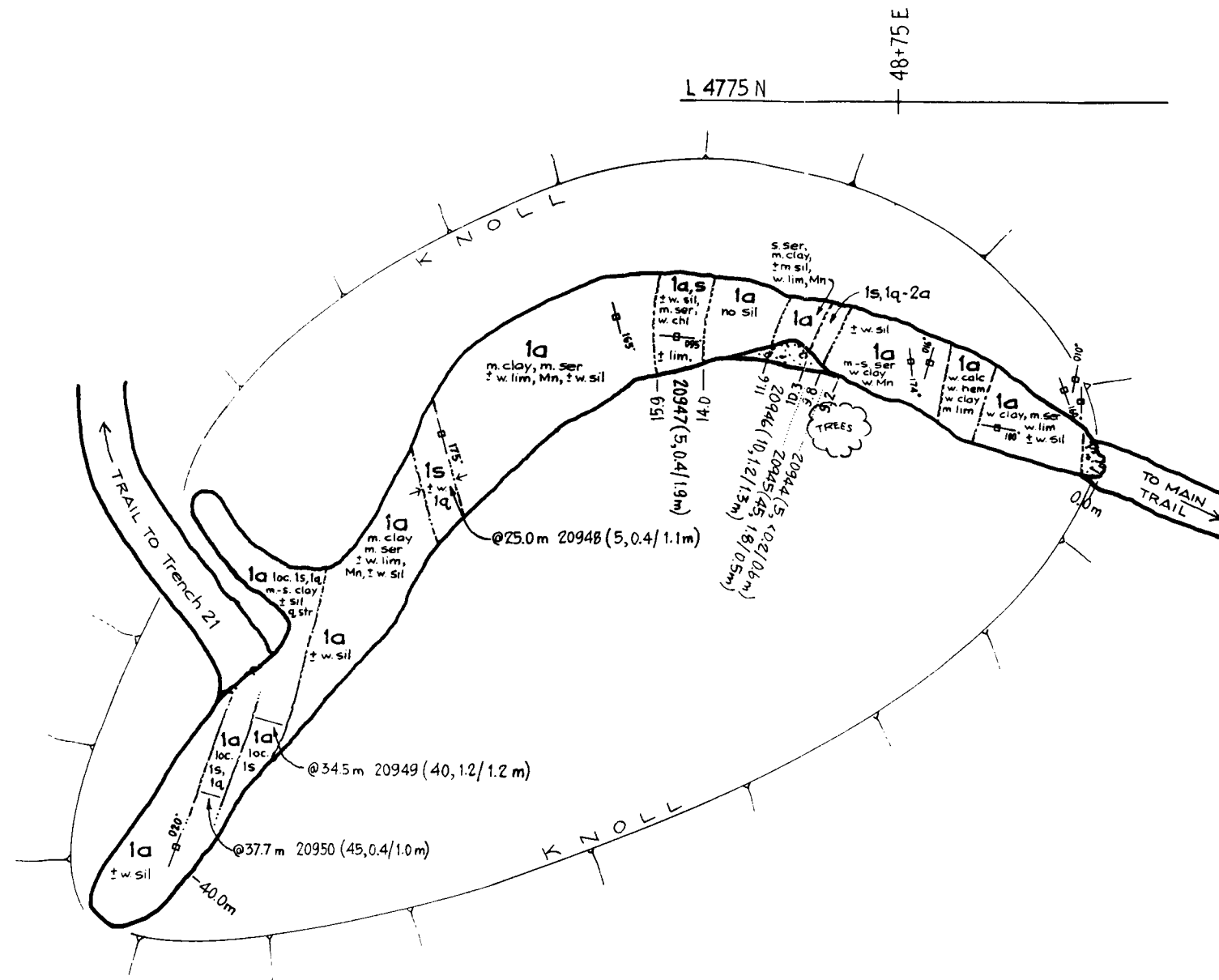


TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

TSACHA PROPERTY

TRENCH 21 DETAIL

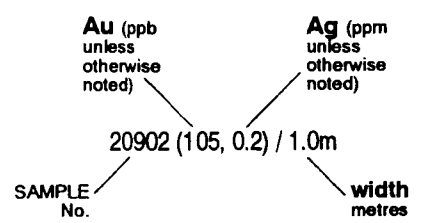




LEGEND

- 1 RHYOLITE** grey to maroon, crowded to sparse, feldspar porphyry crystal ash / tuff / flow with minor quartz grains, lithic fragments, rare euhedral disseminated pyrite.
Altered; a. limonite +/- hematite +/- chlorite +/- clay
 q. quartz/calcite stringer/stockwork
 s. pervasive silicification
- 2 QUARTZ/CALCITE veins and veinlets**
 - a. leuco, crystalline to chalcedonic, banded to locally massive, drusy
 - b. dark brown weathered quartz and sparry calcite, locally banded, chalcedonic
 - c. parallel to anastomosing quartz stringer stockwork, veinlets, local sparry calcite

MINERALS	ALTERATION	STRUCTURE	MODIFIERS
q quartz	ser sericite	v vein	tr trace
py pyrite	hem hematite	bx breccia	w weak
cp chalcopyrite	chl chlorite	str stringer	m moderate
ga galena	sil silicified	stwk stockwork	s strong
ank ankerite	lim limonite		i intense
carb carbonate			
chalc chalcedony			

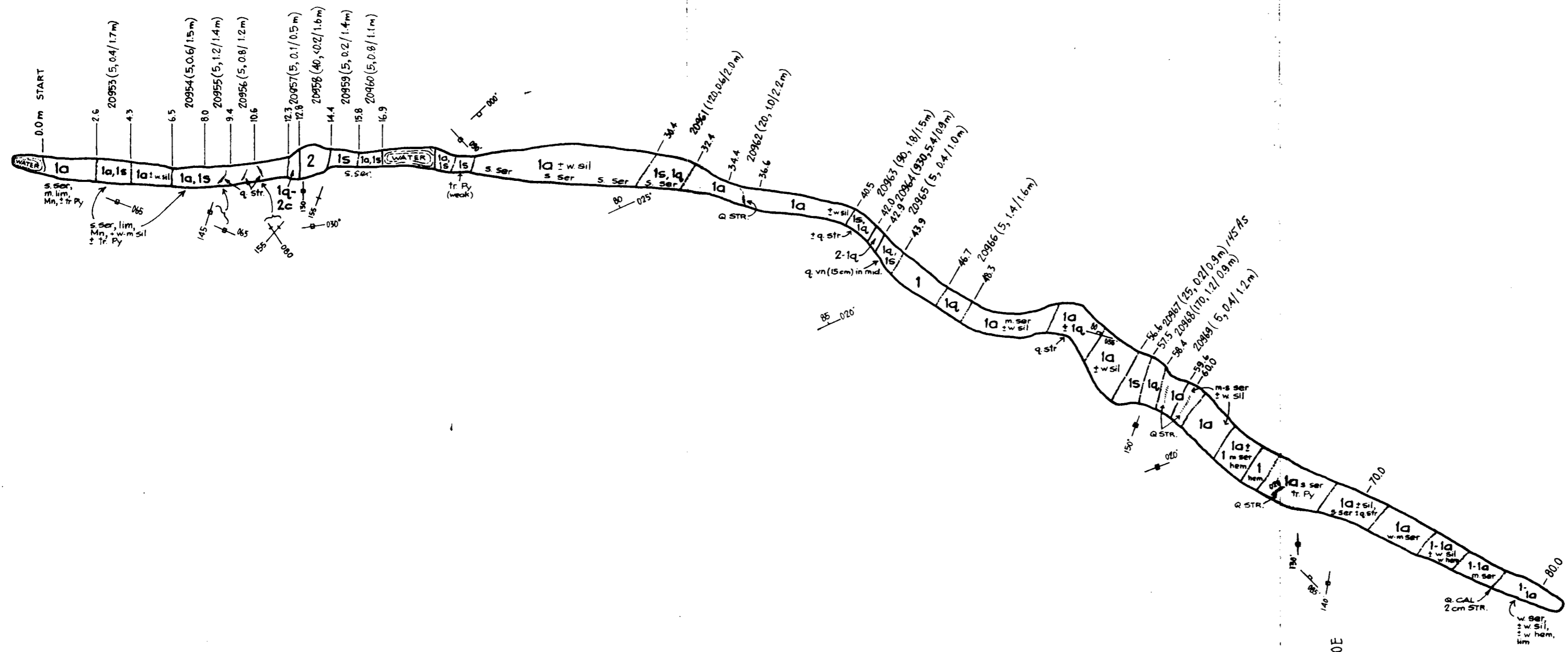


TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

TSACHA PROPERTY

**TRENCH 22
DETAIL**





LEGEND

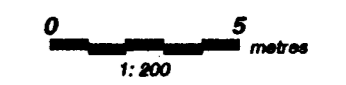
- 1 RHYOLITE** grey to maroon, crowded to sparse, feldspar porphyry crystal ash / tuff / flow with minor quartz grains, lithic fragments, rare euhedral disseminated pyrite.
 Altered; a. limonite +/- hematite +/- chlorite +/- clay +/- ser.
 q. quartz/calcite stringer/stockwork
 s. pervasive silicification
- 2 QUARTZ/CALCITE veins and veinlets**
 - a. leuco, crystalline to chalcedonic, banded to locally massive, drusy
 - b. dark brown weathered quartz and sparry calcite, locally banded, chalcedonic
 - c. parallel to anastomosing quartz stringer stockwork, veinlets, local sparry calcite

MINERALS	ALTERATION	STRUCTURE	MODIFIERS
q quartz	ser sericite	v vein	tr trace
py pyrite	hem hematite	bx breccia	w weak
cp chalcopyrite	chl chlorite	str stringer	m moderate
ga galena	sil silicified	stwk stockwork	s strong
ank ankerite	lim limonite		i intense
carb carbonate			
chalc chalcedony			

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

TSACHA PROPERTY

**TRENCH 23
DETAIL**



DATE: JAN '98 DATA BY: J.P. DRAWN BY: S.A. FIGURE No: 1

Au (ppb unless otherwise noted)
Ag (ppm unless otherwise noted)
width metres
SAMPLE No. 20902 (105, 0.2) / 1.0m

9. DIAMOND DRILLING (Figures 6, 14 - 17, Table 1)

a) Procedure

A total of 5,195m of diamond drilling in 35 holes was completed on the Tsacha property in 1995. Only 800.5m in 8 holes are being filed for assessment. Five of the holes tested the dip extent of the Tommy Vein, the best exposed vein on the property, and two tested the southern strike extent of the vein. One hole tested the dip potential of the Ian Vein Stockwork. Drilling was carried out between July 17 and August 27, 1995 by Lone Ranger Diamond Drilling of Lumby, B.C. utilizing a cat mounted Longyear 44 core drill with NQ wireline tools and between October 15 and November 27, 1995 by Britton Bros. Diamond Drilling of Smithers B.C. with a skidd mounted Longyear 44 core drill.

A total of 62 samples of core were split and sent to Eco-Tech Labs, Kamloops, B.C. and analyzed for Au and Ag. Vein material and immediate wallrock was assayed using 1 Assay Ton sample weights. The rest of the samples were geochemically analyzed for Au which was accomplished by fire assay with an atomic absorption finish and for Ag, by atomic absorption. Select samples were analyzed for Al, Sb, As, Ba, Be, Bi, B, Cd, Ca, Cr, Co, Cu, Fe, La, Pb, Mg, Mn, Hg, Mo, Ni, P, K, Si, Ag, Sr, Tl, W, U, V and Zn using a 31 element ICP package which involves a nitric-aqua regia digestion.

Lab procedures and complete results are outlined in Appendix II. Sample locations and significant Au, Ag results are plotted on the cross sections (Figures 14-17). All pertinent drill data is summarized in Table 1 and drill hole locations are shown on Figure 6. Drill logs are included in Appendix III. The core is stored on the property at or near the respective drill sites. Core recovery averaged 90-100%.

b) Results

A brief description of each of the drill holes follows:

N.B. * denotes a weighted average
TW denotes true width

**TABLE 1:
DIAMOND DRILL HOLE DATA**

Hole No.	Grid Location	Elevation	Azimuth	Dip	Total Length	Began d/m/y	Finished d/m/y	Sample Numbers
TA DDH 95-1	50+35N/50+42E	1180 m	270°	-46°	75.5 m	19/07/95	20/07/95	28751-28766
TA DDH 95-2	49+36N/50+34E	1177 m	270°	-45°	76.5 m	21/07/95	22/07/95	28767-28771
TA DDH 95-5	47+82N/50+54E	1198 m	270°	-45°	58.1 m	26/07/95	27/07/95	28811-28821
TA DDH 95-6	47+82N/50+54E	1198 m	270°	-70°	127.1 m	27/07/95	29/07/95	28822-28825
TA DDH 95-7	47+81N/50+80E	1198 m	270°	-45°	93.0 m	29/07/95	31/07/95	28826-28834
TA DDH 95-16	47+83N/48+97E	1222 m	270°	-45°	126.5 m	13/08/95	15/08/95	28917-28929
TA DDH 95-34	44+02N/49+75E	1222 m	090°	-65°	133.2 m	23/11/95	24/11/95	20465-20468
TA DDH 95-35	44+07N/49+96E	1222 m	270°	-45°	110.6 m	24/11/95	25/11/95	
TOTALS:					800.5 m			62 samples

TA DDH 95-1 (Figure 14)

DDH 95-1 tested the northern end of the Tommy Vein 50m down dip from the widest vein exposure on the property, exposed in Trench 8. The Tommy Vein in Trench 8 contains 4.2 g/t Au over 6.9m within a zone containing 3.4 g/t Au over 8.8m.

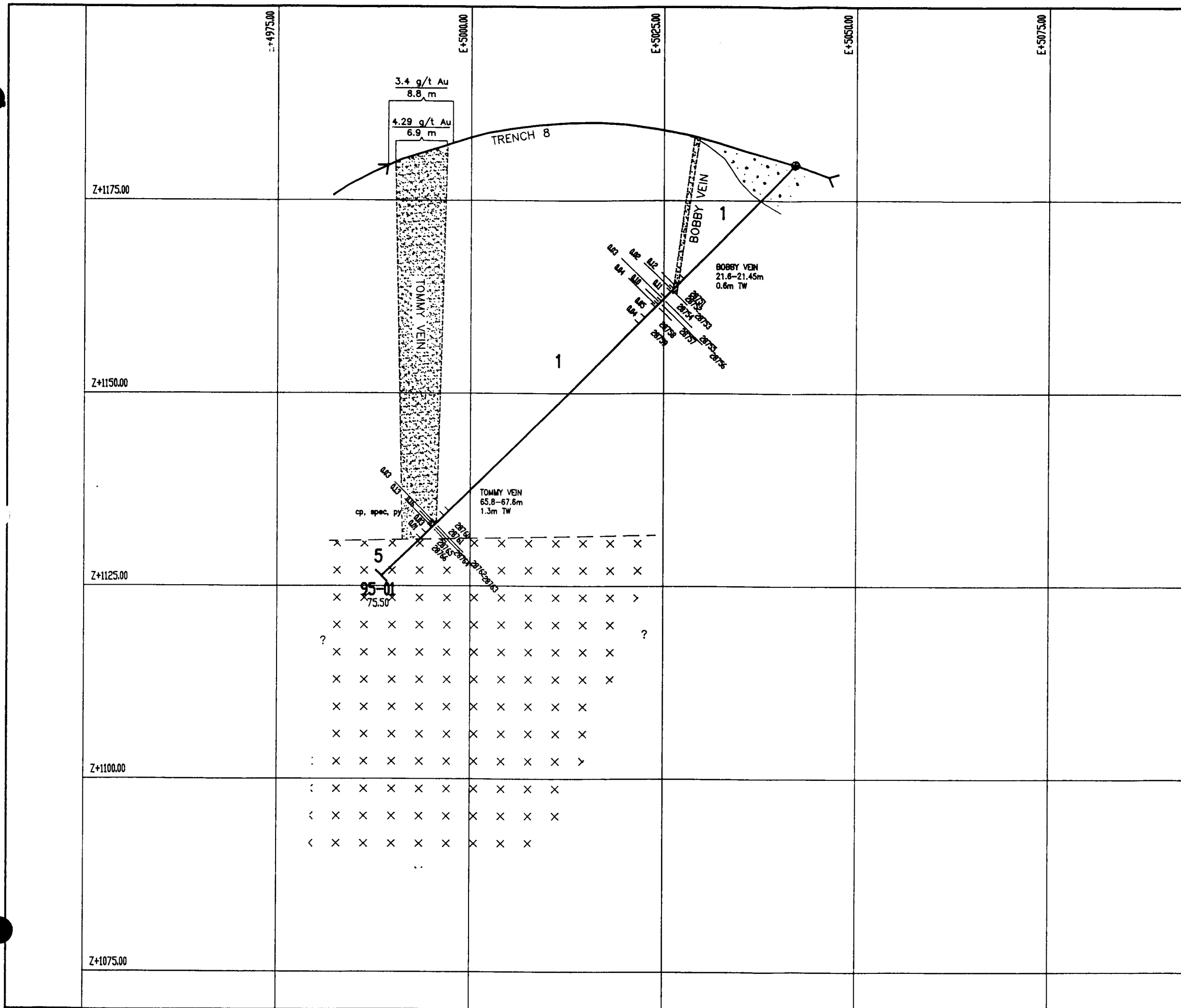
The principal lithology in the hole consists of the felsic welded tuffs. The felsite sill was encountered from 67.5m to the end of the hole at 75.5m. This indicates that the sill dips at a much shallower angle to the south than expected.

The Bobby Vein was intersected from 21.6 to 22.45m (28752) within a stockwork zone that continued to 27.7m (28753-58). The vein consists of quartz breccia fragments in a sericite and chlorite altered matrix with some later stage quartz-calcite-ankerite-specularite infilling. Quartz \pm calcite stringers, up to a few cm wide, and silicified zones, up to 20 cm wide, occur below the Bobby Vein, within the hanging wall.

The Tommy Vein was intersected from 65.7 to 67.5m, with a true width of 1.3m (28760-66). At 67.5m, the Tommy Vein is cut off by the felsite sill. The vein consists of a 20cm quartz vein followed by a rehealed quartz breccia vein with quartz and only trace calcite cement. Trace chalcopyrite, specularite and pyrite cubes occur within the quartz breccia.

No significant results were obtained from either the Bobby or Tommy Vein in this hole. This confirms a decrease in grade at the north end, noticed in the surface sampling. The best results from DDH 95-1 are as follows:

Bobby Vein:	21.6-22.45;	0.85m	0.12 g/t Au
Tommy Vein:	65.9-66.5m;	0.6m	0.15 g/t Au *



Legend

VEINS quartz +/- calcite

Late Cretaceous

FELSITE fine grained sills, dykes

Jurassic Hazelton Group

RHYOLITE welded tuff

1a +/- sericite, limonite, hematite, chlorite, clay

1q quartz/calcite stringer/stockwork

1s pervasive silicification

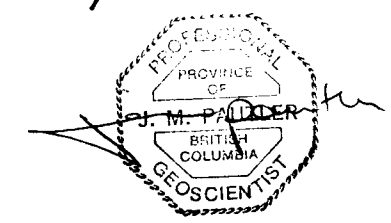


FIG. 14

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

TSACHA PROJECT

CROSS-SECTION 50+35 N

DDH 95-1

Au g/t (>0.01)

DATE DRAWN: FEB. 16, 1996	SCALE: 1:500	DWG. NAME: TSA-5035
COMPILED BY: J. Pautler	JOB No: 1745	
DRAWN BY: S.A.	NTS No: 93F/3E	

TA DDH 95-2 (Figure 15)

DDH 95-2 was drilled to intersect the Tommy Vein 100m along strike to the south of DDH 95-1, at a 50m depth. On surface, above this planned intercept, the Tommy Vein contains 7.3 g/t Au over 3.1m in Trench 10.

The entire hole consists of felsic welded tuffs. The Tommy Vein was intersected from 59.5 to 60.6m (0.8m TW) with an associated hanging wall stringer zone from 60.6 to 61.6m (28768-70). The vein contains trace pyrite, chalcopryrite and galena.

No significant results were obtained from DDH 95-2. The Tommy Vein contains only 0.65 g/t Au over the 0.8m TW. The best results are as follows:

Tommy Vein:	59.5-60.6m;	1.1m	0.65 g/t Au *
including	59.5-60.1m;	0.6m	1.00 g/t Au

TA DDH 95-5 (Figure 16)

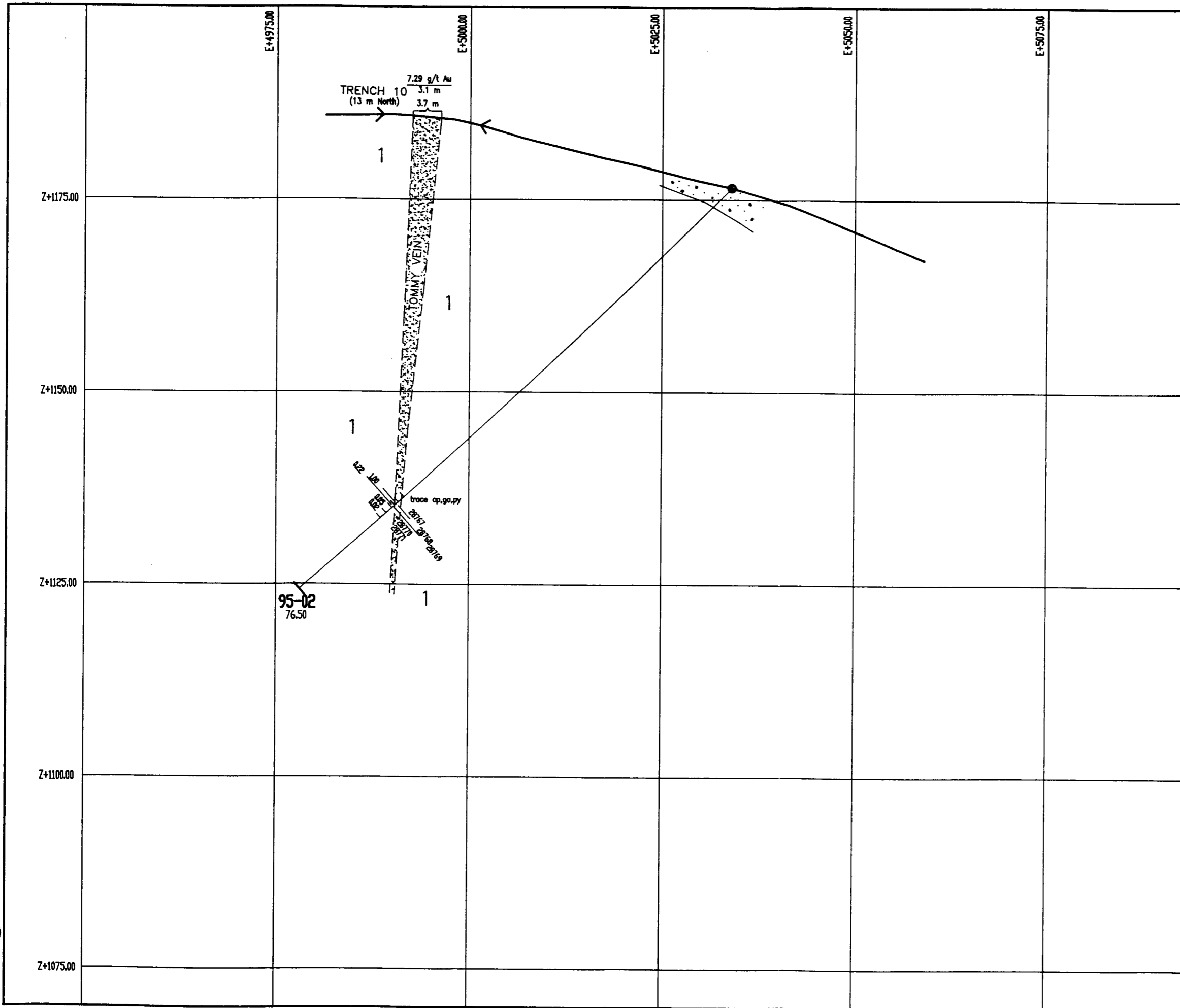
DDH 95-5 was drilled 50m below the high grade zone encountered in Trench 13, approximately 150m along strike to the south of the intersection of the Tommy Vein in DDH 95-2. The purpose of this hole was to delineate the extent of the Trench 13 potential ore shoot.

The hole consists of felsic welded tuffs except for a narrow felsite dyke from 13.4 to 17.2m. A major fault was intersected from 33.1 to 34.3m that appears to dip 70°W to vertical.

The Tommy Vein was intersected from 41.0 to 52.3m for a true width of 8.0m (28812-20). Metallic minerals include minor pyrite, chalcopryrite and galena.

Results improved with the wider intersection of the Tommy Vein in DDH 95-5 with 5.9 g/t Au over the 8.0m TW, and include 9.0 g/t Au over 2.9m TW. The best results are as follows:

TV, W wall	41.0-53.4m;	12.4m	8.6m TW	5.53 g/t Au *
Tommy Vein:	41.0-52.3m;	11.3m	8.0m TW	5.87 g/t Au *
including	45.4-49.7m;	4.3m	2.9m TW	8.99 g/t Au *



Legend

VEINS quartz +/- calcite

Late Cretaceous

FELSITE fine grained sills, dykes

Jurassic Hazelton Group

RHYOLITE welded tuff

- 1a +/- sericite, limonite, hematite, chlorite, clay
- 1q quartz/calcite stringer/stockwork
- 1s pervasive silicification

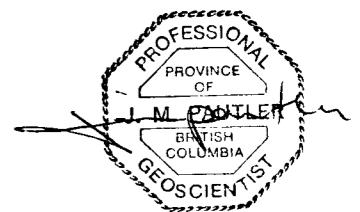


FIG. 15

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

TSACHA PROJECT

CROSS-SECTION 49-36 N

DDH 95-2

Au g/t (>0.01)

DATE DRAWN: FEB. 16, 1996	SCALE: 1:500	DWG. NAME:
COMPILED BY: J. Pautler	JOB No: 1745	TSA-4936
DRAWN BY: S.A.	NTS No: 93F/3E	

TA DDH 95-6 (Figure 16)

DDH 95-6 tested the 8.0m wide Tommy Vein intersection in DDH 95-5 from the same setup and an additional 50m down dip.

The hole consists of felsic welded tuffs except for narrow felsite dykes from 74.7 to 75.2m and from 101.0 to 101.4m. The major fault encountered in DDH 95-5 appears to finger into several faults in DDH 95-6, probably due to the proximity of the fault to the vein and felsite. The major arm of the fault trends vertically between 75.2 and 78.1m. Minor splays occur at the east vein margin and continue down to 116.2m.

The Tommy Vein is much narrower in DDH 95-6, extending from 86.6 to 86.8m (28822-25). It is possible that the Tommy Vein rolled to the west and was subsequently missed in this drill hole. The fact that the vein is indeed the Tommy Vein was demonstrated by DDH 95-7. The Tommy Vein appears to be strongly influenced and diminished by the vertical fault.

The Tommy Vein ran 6.5 g/t Au over 0.2m but 5.4 g/t Au was obtained over a 0.5m true width. The best results are as follows:

TV. wallrock	85.6-87.1m;	1.5m	0.5mTW	5.39 g/t Au *
including	86.8-87.1m;	0.3m		15.24 g/t Au

TA DDH 95-7 (Figure 16)

DDH 95-7 is a 25m stepout from DDH-5 and -6, designed to intersect the Tommy Vein at a more appropriate angle between the above two drill holes, in order to determine if the narrow intersection in DDH 95-6 is indeed the Tommy Vein.

The hole consists of felsic welded tuffs except for a narrow felsite dyke from 77.6 to 78.8m. A major vertical fault disrupts the eastern edge of the Tommy Vein and appears to deflect the felsite dyke. A 45° dipping fault is evident on the west side of the vein but appears to be more minor than the vertical fault.

The Tommy Vein was intersected between 78.8 and 84.1m, giving a true width of 3.7m (28826-34). Best results for the vein are only 0.8 g/t Au across 0.7m TW but the faulted felsite wallrock contains 1.7 g/t Au over 0.8m TW. The best results are as follows:

E. wallrock:	77.6-78.8m;	1.2m	0.8mTW	1.68 g/t Au
Tommy Vein:	83.1-84.1m;	1.0m	0.7mTW	0.81 g/t Au

TA DDH 95-16 (Figure 16)

DDH 95-16 tested the Ian Vein Stockwork down dip of the highest value obtained from the zone on surface (11.6 g/t Au over 0.7m) and below Trench 21.

DDH 95-16 primarily consists of what appears to be a large pyritic, sericite altered and variably silicified fault zone hosted by the felsic welded tuffs. Minor sulfides including pyrite, chalcopyrite, galena and sphalerite occur as disseminations in the wallrock, in quartz-calcite veins and as sulfide stringers within the fault zone. The felsic welded tuffs in Trenches 22 and 23, which are 25m and 70m, respectively, to the south, also contain minor galena and sphalerite associated with the fault.

The Ian Vein, intersected from 107.5m to 108.2m, contains minor amethyst but runs only 1.76 g/t Au over 0.7m (28928). A 0.3m wide zone with a 20 cm quartz calcite vein was intersected from 50.45 to 50.75m and contains 1.13 g/t Au (28922) and a quartz stringered zone with trace chalcopyrite, \pm galena from 64.0 to 64.7m runs 1.37 g/t Au over 0.7m (28924).

TA DDH 95-34 (Figure 17)

DDH 95-34 tested the southern strike extent of the Tommy Vein, down dip of a silicified zone (possibly an expression of the Tommy Vein) encountered in DDH 95-33.

The entire hole consists of felsic welded tuffs except for a felsite dyke from 19.3 to 23.0m. Faults were intersected at 15.4m, from 32.9 to 38.2m, 38.8 to 40.6m, around 50m, from 64.1 to 67.1m and at 89.9 to 93.2m.

The Tommy Vein was not intersected. Three silicified zones, \pm pyritization, were encountered from 59.9 to 64.1m, 74.5 to 81.4m and 97.2 to 106.1m. The faulting, silicification and pyritization are characteristic of the Ian Vein Stockwork. This major fault zone may have displaced the Tommy Vein further to the east.

TA DDH 95-35 (Figure 17)

DDH 95-35 tested the area to the west of DDH 95-34 for the possible strike extension of the Tommy Vein.

The entire hole consists of felsic welded tuffs. A major fault was intersected near the top of the hole from 12.4 to 33.4m and 40.7 to 44.3m. Sericite alteration with minor local silicification is associated with the fault which appears to be related to the Ian Vein Stockwork Zone. Minor sericitic zones are associated with local breccia zones below (west of) this fault zone.

The Tommy Vein was not intersected in this hole and no samples were collected. It is possible that the Tommy Vein is offset north of this section by the Ian Vein Stockwork-Fault Zone.

10. CONCLUSIONS AND RECOMMENDATIONS

The 1995 Phase I diamond drill program on the Tsacha property traced the Tommy Vein for 590m along strike and 100 to 120m down dip. The final two holes in the Phase II program did not intersect the vein another 100m on strike to the south. The vein may be offset in this vicinity. A felsite sill cuts the vein down dip as seen in DDH 95-1 but the dimensions of the sill and possible continuation of the vein beneath the sill has not been investigated.

The Larry Vein contains significant Au ($>1\text{g/t}$) over significant widths (3.5m). It has the potential of having the same continuity as the Tommy Vein with possibilities of economic ore shoots. The strike extension of this vein constitutes a high priority for further trenching and drilling.

The TSACHA property has good potential to host a bonanza style epithermal deposit of the adularia-sericite type. A 1500-2000m diamond drill program is recommended to test the Tommy Vein below the sill and along strike to the south. Additional trenching, followed by drilling, is required to trace the Larry Vein as well as other veins on the property. Various geophysical methods (magnetics, resistivity) should be tested over a larger area over the Tommy Vein to determine a possible method to trace the Tommy Vein and additional veins under thick till cover.

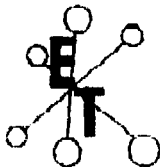
APPENDIX I

Selected References

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APPENDIX II

Geochemical Procedure and Results

**ECO-TECH LABORATORIES LTD.**

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (804) 570-6700 Fax 573-4657

SAMPLE PREPARATION: ROCK/CORE

The samples are dried (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.

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

Digestion

Hot aqua-regia

Finish

Atomic Absorption, background correction applied where appropriate

A) Multi-Element ICP

Digestion

Hot aqua-regia

Finish

ICP

2. Antimony

Digestion

Hot aqua regia

Finish

Hydride generation - A.A.S.

3. Arsenic

Digestion

Hot aqua regia

Finish

Hydride generation - A.A.S.

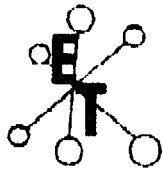
4. Barium

Digestion

Lithium Metaborate Fusion

Finish

Atomic Absorption

**ECO-TECH LABORATORIES LTD.**ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J9 (604) 573-5700 Fax 573-4557**5. Beryllium**Digestion

Hot aqua regia

Finish

Atomic Absorption

6. BismuthDigestion

Hot aqua regia

Finish

Atomic Absorption

7. ChromiumDigestion

Sodium Peroxide Fusion

Finish

Atomic Absorption

8. FluorineDigestion

Lithium Metaborate Fusion

Finish

Ion Selective Electrode

9. MercuryDigestion

Hot aqua regia

FinishCold vapor generation -
A.A.S.**10. Phosphorus**Digestion

Lithium Metaborate Fusion

Finish

I.C.P. finish

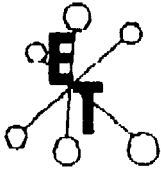
11. SeleniumDigestion

Hot aqua regia

Finish

Hydride generation - A.A.S.

12. TelluriumDigestionHot aqua regia
Potassium Bisulphate FusionFinishHydride 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 (804) 873-8700 Fax 873-4667**13. Tin**Digestion

Ammonium Iodide Fusion

Finish

Hydride generation - A.A.S.

14. TungstenDigestion

Potassium Bisulphate Fusion

Finish

Colorimetric or I.C.P.

15. GoldDigestionFire Assay Preconcentration
followed by Aqua RegiaFinish

Atomic Absorption

16. Platinum, Palladium, RhodiumDigestionFire Assay Preconcentration
followed by Aqua RegiaFinish

Graphite Furnace - A.A.S.

17. UraniumDigestion

Hot HCl

Finish

Fluorometric

18. ThoriumDigestion

Hot Aqua Regia

Finish

I C P

JJ3/1

30-Aug-95

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

Phone: 604-573-5700

Fax : 604-573-4557

TECK EXPLORATION LTD. AK 95-609
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: J. PAUTLER

28 Rock samples received August 18, 1995

PROJECT #: 1745

SHIPMENT #: None Given

Values in ppm unless otherwise reported

Trends 18-20

Et.#	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sr	Ti %	U	V	W	Y	Zn	
1	20901	25	0.4	0.31	20	100	<5	0.27	<1	4	185	15	1.58	<10	0.05	481	<1	0.02	4	220	8	<5	40	10	<0.1	<10	8	<10	8	28
2	20902	105	0.2	0.23	25	240	<5	0.09	<1	2	125	12	1.29	<10	<0.1	289	<1	0.01	3	210	8	<5	20	8	<0.1	<10	6	<10	5	15
3	20903	<5	<2	0.33	<5	70	<5	0.09	<1	3	130	3	0.79	<10	0.01	295	8	<0.1	2	300	18	<5	<20	5	<0.1	<10	4	<10	5	35
4	20904	20	0.4	0.59	30	265	<5	0.36	<1	4	151	22	1.71	<10	0.24	330	3	0.02	4	220	34	<5	20	22	<0.1	<10	9	<10	8	44
5	20905	50	0.4	0.47	50	110	<5	1.98	<1	4	194	18	1.59	<10	0.19	397	15	0.02	4	200	10	<5	20	14	<0.1	<10	8	<10	7	30
6	20906	15	0.8	0.39	40	65	<5	0.12	<1	4	142	14	1.59	<10	0.11	223	5	0.01	4	180	18	<5	20	4	<0.1	<10	6	<10	5	31
7	20907	<5	<2	0.23	15	45	<5	0.09	<1	5	149	13	1.59	<10	<0.1	277	10	0.02	4	240	2	<5	20	4	<0.1	<10	6	<10	7	59
8	20908	10	0.2	0.25	20	50	<5	0.09	<1	5	109	14	1.39	<10	0.02	207	2	0.01	3	240	4	<5	<20	6	<0.1	<10	5	<10	7	48
9	20909	10	0.8	0.31	20	100	<5	0.11	<1	4	183	16	1.55	<10	0.02	522	12	0.01	4	240	8	<5	20	9	<0.1	<10	6	<10	6	42
10	20910	10	0.4	0.33	35	65	<5	0.12	<1	4	107	24	1.77	<10	0.02	398	3	<0.1	3	250	18	<5	<20	8	<0.1	<10	6	<10	8	73
11	20911	30	0.4	0.36	30	50	<5	0.10	<1	4	148	16	1.15	<10	0.02	140	10	0.01	3	200	8	<5	40	7	<0.1	<10	5	<10	7	48
12	20912	20	0.4	0.28	50	55	<5	0.10	<1	5	155	20	1.38	<10	0.01	220	11	0.02	4	280	10	<5	20	7	<0.1	<10	7	<10	9	55
13	20913	45	0.8	0.41	20	145	<5	0.34	1	5	147	18	1.64	<10	0.06	1004	5	0.02	4	260	28	<5	20	10	<0.1	<10	10	<10	12	174
14	20914	<5	0.2	0.32	55	65	<5	0.55	<1	4	168	17	1.60	<10	0.03	442	13	0.02	3	260	16	<5	40	12	<0.1	<10	7	<10	9	128
15	20915	10	0.4	0.29	25	70	<5	0.98	<1	4	137	18	1.53	<10	0.05	768	6	0.01	4	240	14	<5	<20	17	<0.1	<10	7	<10	11	113
16	20916	25	0.6	0.34	35	55	<5	1.17	3	4	124	27	1.73	<10	0.06	878	10	0.01	5	240	86	<5	<20	18	<0.1	<10	11	<10	11	242
17	20917	65	1.2	0.25	45	70	<5	1.62	<1	3	140	28	1.28	<10	0.07	788	5	0.01	5	220	30	<5	<20	20	<0.1	<10	6	<10	10	88
18	20918	20	0.2	0.28	25	45	<5	0.36	<1	4	149	31	1.27	<10	0.02	404	10	0.01	4	240	6	<5	20	9	<0.1	<10	8	<10	7	40
19	20919	10	0.2	0.22	40	95	<5	0.13	<1	4	140	23	1.34	<10	0.01	788	5	0.02	5	240	14	<5	20	9	<0.1	<10	7	<10	9	67
20	20920	15	0.4	0.37	15	100	<5	0.34	1	4	90	19	1.51	<10	0.05	676	7	0.01	4	240	46	<5	<20	13	<0.1	<10	8	<10	11	158
21	20921	<5	0.8	0.29	35	60	<5	0.15	4	3	128	35	1.32	<10	0.01	392	7	<0.1	4	230	210	<5	<20	8	<0.1	<10	4	<10	8	406
22	20922	<5	0.2	0.30	35	75	<5	0.12	<1	4	181	19	1.49	<10	0.03	329	13	0.02	4	210	12	<5	40	13	<0.1	<10	6	<10	7	88
23	20923	50	<2	0.26	10	45	<5	0.06	<1	4	159	13	1.85	<10	<0.1	325	5	0.02	4	210	6	<5	40	5	<0.1	<10	6	<10	5	38
24	20924 / 10 > 1000	23.0	0.17	0.17	30	45	<5	0.64	<1	4	188	35	1.52	<10	<0.1	390	13	<0.1	4	140	6	<5	40	5	<0.1	<10	4	<10	2	53
25	20925	30	0.4	0.22	35	45	<5	0.11	<1	5	152	24	1.68	<10	<0.1	310	5	0.01	4	210	8	<5	20	4	<0.1	<10	5	<10	3	38
26	20926	15	0.4	0.27	10	50	<5	0.13	<1	4	162	22	1.58	<10	<0.1	402	10	0.02	3	230	6	<5	40	4	<0.1	<10	5	<10	5	30
27	20927	15	0.6	0.21	25	45	<5	0.04	<1	4	132	18	1.85	<10	<0.1	122	6	0.02	4	240	10	<5	40	5	<0.1	<10	5	<10	3	31
28	20928	60	<2	0.15	25	45	<5	2.97	<1	3	158	11	1.31	<10	<0.1	464	12	0.01	3	150	4	<5	<20	21	<0.1	<10	3	<10	2	19

8-Sep-95

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

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

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TECK EXPLORATION LTD. AK 95-726
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: J. PAUTLER

37 Rock samples received August 28, 1995
PROJECT #: 1745
SHIPMENT #: 15
Samples submitted by: J. Pautler

Values in ppm unless otherwise reported

Trenches 21-23

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	20933	5	<2	0.23	20	60	<5	0.04	<1	5	111	17	1.71	<10	<.01	247	8	<.01	6	240	4	<5	<20	6	<.01	<10	7	<10	3	25
2	20934	5	<2	0.24	10	45	<5	0.03	<1	4	106	12	1.52	<10	<.01	230	8	<.01	5	190	2	<5	<20	5	<.01	<10	6	<10	3	27
3	20935	5	<2	0.18	35	65	<5	0.01	3	3	142	9	1.41	<10	<.01	140	3	<.01	4	150	4	<5	<20	2	<.01	<10	5	<10	2	20
4	20936	5	<2	0.20	40	105	<5	0.02	<1	3	116	9	1.42	<10	<.01	155	8	<.01	5	180	6	<5	<20	5	<.01	<10	5	<10	3	20
5	20937	5	<2	0.17	25	40	<5	0.02	<1	3	130	10	1.37	<10	<.01	222	3	<.01	4	180	6	<5	<20	3	<.01	<10	4	<10	2	18
6	20938	10	<2	0.19	25	35	<5	0.03	1	3	100	10	1.19	<10	<.01	221	7	<.01	4	150	4	<5	<20	3	<.01	<10	4	<10	3	25
7	20939	125	2.2	0.18	90	35	<5	0.03	1	3	134	9	1.34	<10	<.01	209	2	<.01	3	170	6	<5	<20	4	<.01	<10	5	<10	3	26
8	20940	5	0.4	0.16	50	45	<5	0.02	<1	2	112	10	0.98	<10	<.01	174	7	<.01	4	150	8	<5	<20	2	<.01	<10	3	<10	2	18
9	20941	120	0.4	0.22	25	40	<5	0.07	1	3	136	15	1.51	<10	0.02	138	6	<.01	5	200	2	<5	<20	6	<.01	<10	6	<10	2	26
10	20942	102 >1000	3.0	0.16	30	45	<5	0.10	<1	3	143	16	0.99	<10	<.01	358	10	<.01	5	140	4	<5	20	3	<.01	<10	4	<10	3	27
11	20943	332 >1000	11.8	0.14	30	50	<5	0.15	4	2	146	9	0.80	<10	<.01	318	1	<.01	4	120	6	<5	20	6	<.01	<10	3	<10	3	20
12	20944	5	<2	0.26	<5	75	<5	0.08	3	5	70	7	1.83	<10	<.01	799	5	<.01	3	170	72	<5	<20	4	<.01	<10	5	<10	3	297
13	20945	45	1.8	0.16	25	170	<5	1.95	12	4	110	39	2.11	<10	0.29	1076	3	<.01	4	150	396	<5	<20	27	<.01	<10	6	<10	3	706
14	20946	10	1.2	0.24	50	220	<5	0.11	3	2	77	47	1.14	<10	<.01	532	5	<.01	3	220	308	<5	<20	6	<.01	<10	4	<10	3	361
15	20947	5	0.4	0.24	45	140	<5	0.05	1	3	91	30	1.17	<10	<.01	281	1	<.01	3	210	170	<5	<20	4	<.01	<10	3	<10	2	259
16	20948	5	0.4	0.20	60	60	<5	0.08	1	3	77	11	0.83	<10	<.01	166	4	<.01	3	220	108	<5	<20	3	<.01	<10	3	<10	3	185
17	20949	40	1.2	0.16	35	165	<5	2.79	2	3	93	16	1.70	<10	0.52	959	3	<.01	3	190	100	<5	<20	41	<.01	<10	12	<10	6	157
18	20950	45	0.4	0.20	20	60	<5	0.07	2	2	70	12	0.70	<10	<.01	208	4	<.01	2	200	98	<5	<20	5	<.01	<10	2	<10	2	138
19	20951	15	1.0	0.19	15	375	<5	0.04	1	2	109	10	1.20	<10	<.01	349	3	<.01	3	190	102	<5	<20	6	<.01	<10	4	<10	1	215
20	20952	5	<2	0.56	<5	60	<5	0.24	<1	6	108	15	2.46	<10	0.20	364	8	0.02	5	350	6	<5	<20	8	0.02	<10	35	<10	6	56
21	20953	5	0.4	0.21	20	315	<5	0.05	1	2	122	8	1.17	<10	0.02	101	4	<.01	3	130	10	<5	<20	12	<.01	10	5	<10	3	94
22	20954	5	0.6	0.23	30	105	<5	0.08	12	10	127	17	1.79	<10	0.01	1279	11	<.01	7	190	8	<5	<20	12	0.01	<10	9	<10	7	334
23	20955	5	1.2	0.16	10	140	<5	0.32	3	5	145	16	1.19	<10	<.01	551	2	<.01	5	150	24	<5	<20	16	<.01	<10	5	<10	7	128
24	20956	5	0.8	0.18	10	180	<5	0.21	7	3	113	12	1.20	<10	<.01	372	7	<.01	5	140	64	<5	<20	18	<.01	<10	4	<10	6	262
25	20957	5	0.4	0.11	10	40	<5	1.09	2	2	161	14	0.89	<10	<.01	218	<1	<.01	4	100	4	<5	<20	8	<.01	<10	2	<10	2	89

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	20958	40	<2	0.12	5	45	<5	0.89	<1	2	133	9	0.95	<10	<0.1	260	7	<0.1	4	110	2	<5	<20	8	<0.1	<10	3	<10	<1	47
27	20959	5	0.2	0.14	10	75	<5	0.35	<1	2	190	8	1.01	<10	<0.1	183	3	<0.1	5	110	12	<5	40	7	<0.1	<10	3	<10	2	33
28	20960	5	0.8	0.19	25	90	<5	0.14	<1	4	120	16	1.62	<10	<0.1	226	10	<0.1	4	190	34	<5	20	15	<0.1	<10	4	<10	5	102
29	20961	120	0.8	0.16	25	115	<5	0.02	<1	2	112	7	1.05	<10	<0.1	193	6	<0.1	3	160	56	<5	<20	5	<0.1	<10	2	<10	2	179
30	20962	20	1.0	0.19	50	220	<5	0.16	2	2	112	19	1.34	<10	<0.1	265	9	<0.1	4	180	128	<5	20	13	<0.1	<10	3	<10	3	202
31	20963	90	1.8	0.20	30	285	<5	0.15	2	3	113	25	1.52	<10	<0.1	388	3	<0.1	3	220	368	<5	<20	11	<0.1	<10	4	<10	3	394
32	20964	930	5.4	0.15	50	65	<5	0.06	<1	2	99	15	1.18	<10	<0.1	319	6	<0.1	3	170	136	<5	<20	2	<0.1	<10	3	<10	1	229
33	20965	5	0.4	0.19	30	190	<5	0.03	<1	2	99	15	1.30	<10	<0.1	183	2	<0.1	3	230	76	<5	<20	9	<0.1	<10	3	<10	2	209
34	20966	5	1.4	0.18	45	290	<5	0.05	1	2	103	22	1.39	<10	<0.1	200	7	<0.1	3	190	234	<5	<20	11	<0.1	<10	3	<10	2	240
35	20967	25	0.2	0.18	145	120	<5	0.03	<1	3	107	13	1.69	<10	<0.1	170	1	<0.1	3	220	18	<5	20	6	<0.1	<10	4	<10	2	171
36	20968	170	1.2	0.14	30	60	<5	<0.1	<1	2	91	9	1.29	<10	<0.1	118	6	<0.1	3	180	20	<5	<20	7	<0.1	<10	3	<10	<1	136
37	20969	5	0.4	0.16	65	60	<5	0.02	<1	5	88	12	2.04	<10	<0.1	205	5	<0.1	4	230	16	<5	<20	2	<0.1	<10	7	<10	<1	186

QC/DATA:

Resplit:

RS1	20933	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RS36	20968	185	1.2	0.17	25	65	<5	<0.1	<1	2	100	10	1.34	<10	<0.1	120	1	<0.1	3	190	22	<5	20	9	<0.1	<10	4	<10	<1	145

Repeat:

1	20933	10	<2	0.23	20	60	<5	0.04	<1	5	115	14	1.73	<10	<0.1	260	9	<0.1	6	240	4	<5	<20	1	<0.1	<10	7	<10	3	25
10	20942	885	2.8	0.14	25	45	<5	0.09	<1	3	139	12	0.93	<10	<0.1	326	10	<0.1	5	110	6	<5	20	3	<0.1	<10	3	<10	3	22
19	20951	20	0.6	0.19	25	370	<5	0.05	<1	2	111	12	1.19	<10	<0.1	349	4	<0.1	2	190	100	<5	<20	5	<0.1	<10	4	<10	1	206

Standard:

GEO95		150	1.0	1.68	70	155	<5	1.57	<1	18	61	82	3.93	<10	0.87	620	<1	0.02	24	610	20	5	<20	58	0.11	<10	75	<10	4	74
GEO95		140	1.0	1.50	55	155	<5	1.59	<1	17	53	85	3.63	<10	0.86	628	<1	<0.1	24	640	18	<5	<20	51	0.08	<10	66	<10	4	70


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

002/002

TECK

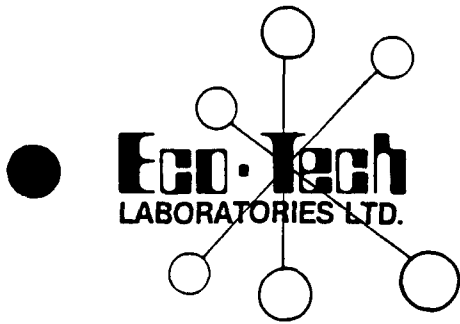
ECO-TECH K.A.M.

604 573 4557

11:09

09/11/95

dl/7368/726
 XLS/95Teck#4



**ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING**

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

CERTIFICATE OF ASSAY AK 95-726

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

5-Sep-95

ATTENTION: J. PAUTLER

**37 Rock samples received August 28, 1995
PROJECT #:1745
SHIPMENT #:15**


ET #.	Tag #	Au (g/t)	Au (oz/t)
10	20942	1.02	0.030
11	20943	3.32	0.097

QC DATA:

Standard:

STD-L 1.97 0.057

XLS/95Teck#4


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

30-Aug-95

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

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

TECK EXPLORATION LTD. AK 95-690
#350-272 VICTORIA STREET
KAMLOOPS, B C
V2C 2A2

ATTENTION: J. PAUTLER

4 Rock samples received August 22, 1995
PROJECT #: 1745
SHIPMENT #: 14
Samples submitted by: J. Pautler

Values in ppm unless otherwise reported

Trench 13B

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	20929	>1000	>30	0.09	10	45	5	8.61	<1	<1	121	22	0.39	<10	0.03	1368	3	<0.1	4	20	<2	5	<20	53	<0.1	<10	2	<10	5	7
2	20930	>1000	>30	0.08	20	50	5	>15	<1	2	69	31	0.69	<10	0.11	2249	3	<0.1	3	40	2	15	<20	127	<0.1	<10	4	<10	11	27
3	20931	605	8.2	0.20	35	130	5	6.54	1	2	133	12	0.95	<10	0.03	1085	2	<0.1	3	150	10	<5	<20	43	<0.1	<10	5	<10	13	29
4	20932	195	2.6	0.22	45	65	5	2.44	<1	2	117	18	0.76	<10	0.01	413	4	<0.1	3	210	6	<5	<20	26	<0.1	<10	3	<10	7	22

QC/DATA:

Repeat:																														
R/S 1	20929	>1000	>30	0.10	5	50	5	8.16	<1	<1	130	21	0.39	<10	0.03	1338	2	<0.1	3	20	<2	5	<20	54	<0.1	<10	2	<10	5	8
Repeat:																														
1	20929	>1000	>30	0.08	10	40	5	8.37	<1	<1	117	18	0.37	<10	0.02	1333	3	<0.1	4	10	<2	5	<20	50	<0.1	<10	2	<10	5	7
Standard:																														
GEO'95		-	1.2	1.81	80	155	5	1.62	<1	18	64	88	4.00	<10	0.88	655	<1	0.02	24	660	20	10	<20	64	0.13	<10	81	<10	5	77

d774015
XLS185Teck4

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To: Jean

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ECO TECH LAB. 604 573 4557 10:42



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CERTIFICATE OF ASSAY AK 95-690

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

1-Sep-95

ATTENTION: J. PAUTLER

4 Rock samples received August 22, 1995

PROJECT #: 1745


SHIPMENT #: 14

Samples submitted by: J. Pautler

Trench 13 B

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
1	20929	56.25	1.640	396.4	11.56
2	20930	83.01	2.421	553.5	16.14

XLS/95Teck#4


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CERTIFICATE OF ANALYSIS AK 95-493

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

31-Jul-95

ATTENTION: J. PAUTLER

20 Rock/Core samples received July 25, 1995
PROJECT #: 1745
SHIPMENT #: 8

DDH 95-1

ET #.	Tag #	Au (ppb)	Ag (ppm)
1	134181	120	2.0 -
2	134182	5	0.4 -
3	134183	5	0.4 -
4	134184	5	2.2 -
5	28751*	<5	0.1
7	28753*	20	0.2
9	28755*	30	0.4
10	28756*	105	1.8
11	28757*	45	0.3
12	28758*	55	0.4
13	28759*	45	0.1
14	28760*	5	0.1
15	28761*	<5	0.2
20	28766*	10	0.2

QC DATA:


Repeat:

1 134181 130 -

Standard:

GEO95 - 1.4

NOTE: * Sample weight 1A.T.



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CERTIFICATE OF ANALYSIS AK 95-498

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

2-Aug-95

ATTENTION: J. PAUTLER

21 Core samples received July 26, 1995

PROJECT #: 1745

SHIPMENT #: 9

Done 7-27-95

ET #.	Tag #	Au (ppb)	Ag (ppm)
1	28767	<5	0.6
5	28771	25	1.4

QC/DATA:

Resplit:

RS1 28767 <5 0.5


Repeat:

1 28767 <5 -

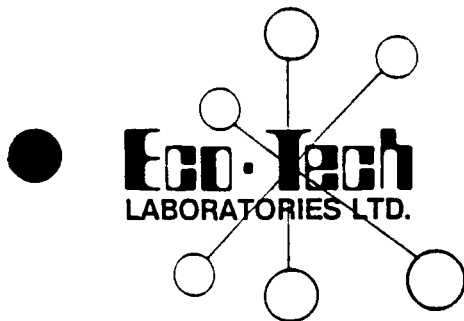
19 28785 - 3.5

Standard:

GEO95 150 1.4



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Fax (604) 573-4557

CERTIFICATE OF ASSAY AK 95-498

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

2-Aug-95

ATTENTION: J. PAUTLER

21 Core samples received July 26, 1995
PROJECT #: 1745
SHIPMENT #: 9

GDH 95-2-3

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
2	28768	1.00	0.029	14.5	0.42
3	28769	0.22	0.006	4.2	0.12
4	28770	0.05	0.001	2.1	0.06


QC/DATA:

Repeat:

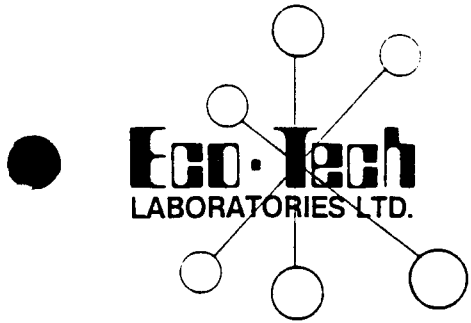
2	28768	1.09	0.032	-	-
---	-------	------	-------	---	---

Standard:

STD-L		2.03	0.059	-	-
MPIA		-	-	70.0	2.04


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LS/95Teck#3



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CERTIFICATE OF ASSAY AK 95-544

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

3-Aug-95

ATTENTION: Jean Pautler

10 core samples received July 31, 1995
 PROJECT #: 1745
 SHIPMENT #: None given

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
4	28812	1.12	0.033	9.4	0.27
5	28813	6.43	0.188	79.4	2.32
6	28814	4.61	0.134	77.8	2.27
7	28815	9.63	0.281	132.3	3.86
8	28816	8.44	0.246	110.4	3.22
9	28817	9.08	0.265	66.5	1.94
10	28818	5.10	0.149	45.6	1.33


QC DATA:

Repeat:

5	28813	6.50	0.190	-	-
---	-------	------	-------	---	---

Standard:

STD-L		1.99	0.058	-	-
Mp-1A		-	-	70.0	2.04


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CERTIFICATE OF ASSAY AK 95-582

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

18-Aug-95

ATTENTION: J. PAUTLER

16 core samples received August 4, 1995

PROJECT #: 1745

SHIPMENT #: 10

Samples submitted by: J. Pautler

DD 1195 - 5, -6, -7

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
1	28819	5.43	0.158	58.9	1.72
2	28820	3.13	0.091	30.6	0.89
3	28821	2.13	0.062	34.4	1.00
4	28822	2.22	0.065	29.6	-
5	28823	6.45	0.188	64.6	1.88
6	28824	15.24	0.444	86.2	2.51
9	28827	1.68	0.049	7.2	-
11	28829	<.03	<.001	<.1	<.01
12	28830	<.03	<.001	<.1	<.01
13	28831	0.03	0.001	<.1	<.01
14	28832	0.81	0.024	11.6	0.34

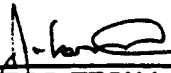
QC DATA:

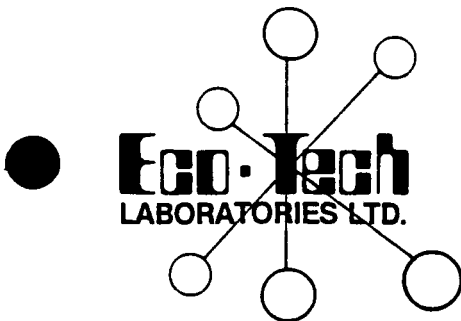
Repeat:

2	28820	3.23	0.094	-	-
3	28821	-	-	32.6	0.95
13	28831	<.03	<.001	-	-

Standard:

Mp-1A	-	-	-	70.2	2.05
STD-L	2.10	0.061	-	-	-
STD-L	2.04	0.059	-	-	-


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CERTIFICATE OF ANALYSIS AK 95-582

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

18-Aug-95

ATTENTION: Jean Pautier

16 core samples received August 4, 1995
PROJECT #: 1745
SHIPMENT #: 10

ET #.	Tag #	Au (ppb)	Ag (ppm)
3	28821	>1000	>30
4	28822	>1000	29.6
5	28823	>1000	>30
6	28824	>1000	>30
7	28825	60	2.5
8	28826	20	0.3
9	28827	>1000	7.2
10	28828	65	0.2
15	28833	165	2.1
16	28834	15	0.9


QC DATA:

Repeat:

3	28821	>1000	>30
6	28824	>1000	-
9	28827	>1000	-

Standard:

GEO95		150	1.6
-------	--	-----	-----


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CERTIFICATE OF ANALYSIS AK 95-730

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

13-Sep-95

ATTENTION: JEAN PAUTLER

24 CORE samples received Aug 28, 1995
PROJECT #:1745
SHIPMENT #:16

DDH 9516, -17, -10

ET #.	Tag #	Au (ppb)	Ag (ppm)
1	28925	15	-
2	28928	220	-
3	28927	10	-
4	28928	>1000	-
5	28929	5	-

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To: Jean

Dept.: _____

Fax No.: _____

No. of Pages: 3

From: Sandy

Date: Sept 14

Company: _____

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5-Sep-95

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

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

Values in ppm unless otherwise reported

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FAX

To: J. Pautler

Dept: 2

Fax No.: 2

No. of Pages: 2

From: DPH

Date: Sept 16 1995

Company:

Fax No.: 1CP # 780

Comments: 1CP # 780

Fax Date: 1995

TECK EXPLORATION LTD. AK 95-730
#350-272 VICTORIA STREET
KAMLOOPS, B.C.
V2C 2A2

ATTENTION: JEAN PAUTLER

24 CORE samples received Aug 28, 1995
PROJECT #: 1745
SHIPMENT #: 16

DPH 9/16/95

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	28925*	15	0.8	0.13	105	35	<5	2.99	<1	3	108	46	1.19	<10	0.09	465	17	<01	3	160	50	<5	<20	36	<01	<10	2	<10	6	179	
2	28926	220	1.8	0.14	45	20	<5	7.01	<1	3	105	18	1.24	<10	0.18	1248	7	<01	3	140	10	5	<20	61	<01	<10	4	<10	9	63	
3	28927	10	0.6	0.20	5	25	<5	1.19	<1	3	130	18	1.36	<10	0.22	579	5	0.01	3	170	4	<5	<20	16	<01	<10	2	<10	7	43	
4	28928	>1000	28.8	0.04	10	140	<5	> 15	<1	<1	108	30	0.88	<10	0.54	2654	5	<01	3	<10	<2	20	<20	117	<01	<10	3	<10	10	27	
5	28929	5	0.8	0.17	65	35	<5	1.58	<1	4	112	25	1.26	<10	0.12	600	6	0.01	2	160	6	<5	<20	15	<01	<10	2	<10	9	25	
6																															
7																															
8																															
9																															
10																															
11																															
12																															
13																															
14																															

ected. Screen assay recommended

APPENDIX III

Diamond Drill Logs



DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS					
				ANGLES	VEINS			SAMPLE NO.	FROM	TO	LENGTH	As	Ag				
28.3-38.3	ka	sericite altered zone with ch on fractures in str. patchy sil zones with iron g-calc veins in @ 29.8-30.3 and @ 35.2-35.4 - mgte 360 - w by g-calc matrix, old host rock frags, mid rose gte		00° CA 30° CA 40-55°	g str " "	S sericite = chl-on fract. in veins	tr mgte tr iron mgte - 30%										
38.3-59.0	l	fresh, much less sericite altered, off tral str + cal str. gte usually at edges but smoother in middle 39-39.3 - more sericite altered zone gte stilveins to 2-3cm cut by 1cm g-calc veins ± hem. but also see gte cutting granit		45-55° CA 35° CA 20° CA 45° CA	str str. L to above welding	peru hem. w ser. M sericite w iron w zone hem											
59.0-59.5	ka	as above only more sericite alteration						28767	58.5	59.5	1.0		25	0.6			
59.5-60.6	ka	Quartz vein with minor cal, some cal rich zones, minor amethyst in drusy mass g-calc disse, also g-calc in str. w small some iron, more hematite, g-calc w gte connect with gte + indirect frags		48° CA 48° CA	CA 19° str welding		w fine py tr mgte - W ga - p in chalc, small tr mgte	28768 28769	59.5 60.1	60.1 60.6	0.6 0.5		1.00	14.5	.22	4.2	
60.6-61.6		Stippled zone, some stult breccia gte total		35-50° CA 20° CA	str	w sil		28770	60.6	61.6	1.0		.05	0.1			
61.6-70.7		rel fresh g-calc green unit / lower chalc g-calc str. + mgte, hem		35-50° CA 60° CA 50° CA	g-calc str cal str welding	M sericite w sericite	w. pyrite ± magnetite	28771	61.6	62.6	1.0		25	1.4			

*



DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS		
				ANGLES	VEINS			SAMPLE NO.	FROM	TO	LENGTH M	g	Ag	
-41.0		lzf p tuff, sericite altered few g chl, str, lim on about 15-20°C some reddish sections.				5 sericite w=lim	28811	39.8	41.0	1.2		150	4.9	
41.0m		Quartz Vein - 2 small veins at start for 0.3m Main part of vein smooth gradational contact, strong brecciation with int. silicification, 2° veins streaks of qtz ± cal, sand with large (10cm) breccia fragments. Lower calcite band to ankrite, some sections with more cal in matrix (a g. cal mixture) with vague contact at 42m Some fine calc qtz frag at one edge, lots grey quartz & quartz frags Some late quartz & siliceous - some more calc rich zones - fragments of replaced fragments?		48; 16°C small veins	W lim on fract. ± w/hom	28812	41.0	42.7	1.7	1.904		1.12	9.4	
				28°C main veins	silicification									
				50°C str										
				48°C cal veins?										
		@ 42m - 43.4m Some frag with dark bands around them at edge of cal qtz streaks on qtz bands in all frags. High grade		12°C 73°C qtz str										
						W cp in dk gy bands + rhy	28813	42.7	43.7	1.0		6.43	6.43	79.4



TECK EXPLORATIONS LIMITED

HOLE No. DH 95-5PAGE 4 of 5

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS		
				ANGLES	VEINS			SAMPLE NO.	FROM	TO	LENGTH m	gwt	Au	Ag
		45.4												
		43.7 - cal-gtz veining banded on 2-10 cm scale cutting grey silicified looking gtz (dominant fsp - fsp → cal?) some gte + druse in centre with cal at margins, irregular grey banded chalc zone, rubble at 45.2 m, some structure, vein at 0°C A - a sharp clean gtz		25-35° and 50° CA	veining	± sil ± W ser, clay sphalerite blende gte patches ± clay	tr cp, tr py Stal.	2884	43.7	45.4	1.7	7.837	4.61	72.8
		45.6 - 46.5 - hematite silicified cemented texture, sulfides as patches str and fine grains similar to 41.0 to 43.7		100° CA		± m-s hematite ± clay	tr cp, tr py	15	45.4	46.5	1.1	10.93	9.63	132.3
		after 46.5 - low hematite breed texture, cemented g-chalc ± colloform generally as frags + coating frags g-cal cement, dk grey py, sil, bands with tr cp 5 cm diam frags of gtz-sil. with chalc ms	98%			tr cp, tr ga?? ± tr py	2881	46.5	48.0	1.5	12.64	8.44	110.4	
		limic fract 0-15° CA with bands of chalc, msp, py, hematite from 48.5 - 49.2 lim-g-cal by iron leaching gy sulf. w/ sp. blubs more like cal-gtz sil. with chalc at edges	88%				msc 2% @ 47.5	28817	48.0	49.7	1.5	13.62	9.08	66.5



DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS						
				ANGLES	VEINS			SAMPLE NO.	FROM	TO	LENGTH			Au	Ag			
86.0- 86.6		more broken, rubble zone	50%	52°CA	upper contact	w clay - m ser. w ch	tr py											
86.6- 86.8m		quartz - cal vein well broken core, dark sulfide sands with minor py, mgt < 1%		22°CA	lower contact		w mgte tr py	28823	86.6	86.8	0.2	1.29		6.85	64.6			
86.8- 87.1		altered broken core similar to 86.2-87.0, g cal str.		20°CA		m ser		28824	86.8	87.1	0.3	4.572		15.24	86.2			
87.1- 93.7		altered, more competent some slightly broken sections few g-cal str. + occasional white stringers, some less altered more competent sections. pinkish-gy-green colour		18-20°CA 24°CA	str.	m ser		28936	87.1	88.1	1.0			5.300	11.5	0.5	1.1	0.5 TW
93.7- 94.6		slightly more altered more broken up core				m ser												
94.6- 95.3	F	FAULT Zone gouge, calcareous.	71%	40°CA 20°CA 30°CA	u-contact g-cal str l-contact	m cl - ser altered	v. tr py											
95.3- 97.3		altered as in 93.7-94.6				m ser												
97.3- 101.0		1 - grades less altered and more competent, some chl-cal-ser str zones; sil, w mgte esp @ 98.2 + 100.7		20°CA some 10-15°	str.	w ser. prev. chl-cal-ser	w mgte											
101.0- 101.4	5	felsite sill f.g. f		75°CA 65°CA	u-contact l-contact													

* sample



TECK EXPLORATIONS LIMITED

HOLE No. DDH 95-7

PAGE 2 of 5

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS	
				ANGLES	VEINS			SAMPLE NO.	FROM	TO	LENGTH		
15.1- 16.5	1	more fresh and competent few q-calc str. & bit dense v. flow				W sericite	± 2%						
16.5- 17.2	1a	more altered; q-calc str.		30-35 50	q-calc vein	W sericite W py	mp						
17.2- 19.0	1	fresh as in 15.1-16.5 gradational contacts				W sericite							
19.0- 20.0		altered; q-calc str + py		38°CA	str	m-sericite	2-3% py						
20.0- 23.0	1	decreased in alteration welding		53°CA		m-w-v-sericite							
23.0- 24.7	1a	more altered				m-sericite	tr py						
24.7- 33.6	1	generalized alteration gradational contact dense welding @ 25.4-27.8 more q-calc str but still weak with py @ 32.0-37.3 - weak zone with q-calc str, py		48°CA 25-30	str vein str	W m-sericite	± v. tr py						
33.6- 37.9	1	more pervasive alteration red coloration mottled texture welding alteration											
37.9-	1	dark vitreous mineral v. hard		48°CA	fract q-calc welding	W sericite	tr py						



DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS		
				ANGLES	VEINS			SAMPLE NO.	FROM	TO	LENGTH m	Au	Ag	
49.9		(2) 49.0 - 5cm g-cal py vein, py as fine stringer producing black stylomark		40°CA										
49.9 - 70.0		No altered zones and less fractured, much more competent good dark Rsp welded part, vitreous matrix with pink welded clasts, minor g-cal str (fluorine max)		53-58° welding, 50-55, 20° fracture, 165		when fractured tr. sericite on fractures								
70.0 - 70.0		@ 68.2 - 68.8 - weakly altered zone, buff colour, weak sericite		45, 20-30° str. 200° CA		w sericite								
70.0 - 77.6		gradational contact @ 70.6 - 70.7 - silicified vein zones with py up to 2cm veins fractures at 12°CA => faults! g-cal str more abundant, above gtz less so into more altered zone, pale grey colour, s. sericite altered.		50°CA sil zones		s sericite								
77.6 - 77.6		@ 71.5 - 1.5cm g-cal vein with fine black str - py?		12°CA										
77.6 - 77.6		@ 76.9 - 77.4 - slightly hematitic		28-35, 45										
77.6 - 78.8		Andesite dark - soft - buff grey - green - pinkish brown colour, bright apple green clasts - sericite gradational - calcareous		28°CA vein		+ w hem								
77.6 - 78.8				40°CA ? contact		v w. hem.								
77.6 - 78.8				40, 50°CA		bedding								
								28826	76.3	77.6	1.3		20	0.3
								28827	77.6	78.8	1.2		1.68	7.2



DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS					
				ANGLES	VEINS			SAMPLE NO.	FROM	TO	LENGTH M	Au	Ag				
78.8- 78.9		qtz pebbles - with altered of qtz frags						28828	78.8	79.3	0.5			0.5	0.2		
78.9- 79.0		← sand seen - NB. question with order of pebbles and sand??															
79.0- 79.1		pebbles of 77.6-78.8 felsic??															
79.1-3		qtz pebbles - some with felsic host.															
* 79.2- 80.1		qtz veins - solid pieces, white-grey qtz + calc. interbedded texture, grey bands - sulfide - pyrite minor clay on fract, some minor rose qtz - brecciation evident but rehealed. - late calc. str qtz - str @ 80.6-80.8 - more finely brecciated with pieces up to 1-1.5cm, calc cement, qtz + calc frags @ 81.0-81.2 more calcic dominant zone @ 82.0 Au ??? toofine in dark grey block @ 82.1-4 the finely rebed followed by rebed rebed cemented by with discont. bands of grey chalc quartz from 82.4-82.6m followed by more rose qtz		5-10% 70°CA 25°CA 68°CA	94 str. fract str contact with host zone	± w horn tr. py ± w clay on fract.		28829	79.3	80.8	1.5m			<.03	<.1		
								28830	80.8	82.1	1.3			<.03	<.1		
								28831	82.1	83.1	1.0			.03	<.1		



DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS		
				ANGLES	VEINS			SAMPLE NO	FROM	TO	LENGTH m	Am	Ag	
24.5-31.1	1	variably altered, some fresher sections interspersed with altered zones, largely altered, @ 24.6 tr cp in sp? in wallrock but near 1cm q-cal str		55° CA str		M-w sericite w-m limonite								
	f	slightly @ 26.0m and 29.9-30.5m		000° fault/fract			tr cp, sp?	28918	24.5	25.0	0.5		25	0.4
31.1-47.1	1a	more altered remnant welding S limonitic from 31.1-34.4m with w. Mn. from 32.0-33.5 more lim, and qtz + cal stringers, fine dark sil bands with fine py and stringers.		55° CA welding		S sericite w-s lim + w Mn	tr-w py							
				50° CA q str			w py	28919	31.1	32.0	0.9		25	0.4
				50° CA py str				28920	32.0	33.5	1.5		205	3.0
	f	@ 41.5-41.8 - rubble q-cal str throughout section												
	1	37.8-38.8 - occ seam siliceous zone with py str, ± vtr. gr						28921	37.3	38.8	0.7		470	3.4
47.1-47.7	f	Stream bed - subround pebbles and some more angular - underground stream?												
47.7-55.8	1a	altered as @ 31.1-47.1 but no limonite				S sericite	tr-w py							
		at 50m						28922	50.45	50.75	0.3		1.13	1.12

Fe 10

Black weathered silvery needles? S. San. w clay



DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS	
				ANGLES	VEINS			SAMPLE NO.	FROM	TO	LENGTH M	Flu	Ag
55.8-56.5	57	light green fine tuff? bed with buff and altered sil. ???		45°CA	contacts	S sericite alt'd							
56.5-64.9	1a 1b 1c 1d 1e 1f 1g	altered as at 47.7-55.8 Fault zone? some matrix - Some dark, siliceous bed sections with fine py in more siliceous matrix; qtz and cal stringers - more bed from 56.5-60.0 - more q-cal ± diasp veinlets, qz str and dark grey stringers with cp + from 58.9-60.7 and 62.0-64.7 and grey blss in qtz + ga??				S sericite ± w clay	tr - w py						
				0.30	irreg.								
							tr cp, wpy	28923	58.9	60.7	1.8	180	1.8
							tr ga??	28924	64.0	64.7	0.7	1.37	4.0
64.9-	1	grades slightly less altered, more competent, q-cal str - w. qtz str still 68.9-69.4 with w. hem and more py, darker matrix from 68.9 but more so from 69.2 to 69.7		60°CA	welding	S sericite	w py (1%)						
							2-3% py	28925	68.8	69.8	1.0	15	0.8
		@ 71.1-71.3 cal-qtz vein - bx - fragments of wall rock and qtz		48-57	vein			28926	71.1	71.4	0.3	220	1.8
		@ 73.5-74.0 = modified tuff, q-cal str veinlets				f w sil							



TECK EXPLORATIONS LIMITED

HOLE No. DDH 95-16

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS	
				ANGLES	VEINS			SAMPLE NO.	FROM	TO	LENGTH M	Au	Ag
		@ 79.5m = 7cm g-carb vein - vuggy with		50°CA	vein								
		@ 85.4 = 10cm calc-qtz vein - weakly vuggy		45°CA	vein								
		@ 102.5 = 10cm calc-qtz vein - zone of calcite						28927	106.4	107.5	0.6	10	0.6
107.5-108.2		Quartz-Calcite Vein IAN VEIN? boxed texture + fibroblast v. minor dark sulfide 75% calcite	60	60°CA 50°CA	vein contact lower contact			28928	107.5	108.2	0.7	1.76	28.8
108.2-110.2		as st 64.9-102.5 few gal strings				m. calcite		28929	108.2	109.5	1.3	5	0.8
110.2-114.8		matrix only rare gal st (w/ 11.3-111.8 = siliceous zone gal strings)											
114.9-115.9		rubble fault zone											
115.9-124.2		iron alteration - py-dissolution											
124.2-126.5		fresh matrix		50°CA	welding								
126.5-128.5		fresh matrix											
128.5-130.5		fresh matrix											
130.5-132.5		fresh matrix											
132.5-134.5		fresh matrix											
134.5-136.5		fresh matrix											
136.5-138.5		fresh matrix											
138.5-140.5		fresh matrix											
140.5-142.5		fresh matrix											
142.5-144.5		fresh matrix											
144.5-146.5		fresh matrix											
146.5-148.5		fresh matrix											
148.5-150.5		fresh matrix											
150.5-152.5		fresh matrix											
152.5-154.5		fresh matrix											
154.5-156.5		fresh matrix											
156.5-158.5		fresh matrix											
158.5-160.5		fresh matrix											
160.5-162.5		fresh matrix											
162.5-164.5		fresh matrix											
164.5-166.5		fresh matrix											
166.5-168.5		fresh matrix											
168.5-170.5		fresh matrix											
170.5-172.5		fresh matrix											
172.5-174.5		fresh matrix											
174.5-176.5		fresh matrix											
176.5-178.5		fresh matrix											
178.5-180.5		fresh matrix											
180.5-182.5		fresh matrix											
182.5-184.5		fresh matrix											
184.5-186.5		fresh matrix											
186.5-188.5		fresh matrix											
188.5-190.5		fresh matrix											
190.5-192.5		fresh matrix											
192.5-194.5		fresh matrix											
194.5-196.5		fresh matrix											
196.5-198.5		fresh matrix											
198.5-200.5		fresh matrix											

IAN VEIN

tr. w py

tr. w py

tr. w py



TECK EXPLORATIONS LIMITED

HOLE No. DDH 95-34 PAGE 1 of 7**DIAMOND DRILL LOG**COMPANY TECK EXPLORATIONPROJECT 1745PROPERTY TSACHANTS 93F/3ECLAIM TSACHAELEVATION 4010'

GRID COORD. _____

NORTHING 4402NEASTING 4975EDATE: COLLARED 23/11/95COMPLETED 24/11/95LOGGED 24/11/95LOGGED BY: J. PautlerCORE SIZE: NO

DEPTH | DIP | AZ.

0 | -65 | 090°

397' | -64 | 080°

LENGTH: 133.2mDEPTH OF OVB: 9.3m

CASING REMAINING: _____

WATERLINE LENGTH: _____

PROBLEMS: _____

DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS							
				ANGLES	VEINS			SAMPLE NO.	FROM	TO	LENGTH								
0-9.1m		CASING																	
9.1-9.3		rubble - till																	
9.3-12.2	1.	Rqfp, welded, weathered but fairly competent ± rubbly sections				w/ limonite w/ sericite													
12.2-19.3	1a.	weathered limonitic Rqfp f. minor gouge @ 2.5m 15.4m		55°	welding	S limonite w-m ser													
19.3-23.0	S	felsite sill - banding at margin for 30cm, calcite blebs, grey colour, banding near L.C.		37°C A	contact														
				37°C A	banding														
				30°C A	"														
				33°C A	L.C.														
23.0-31.3	1a	Rqfp welded tuff, altered some silicified patches, occasional fresh sections < 30cm and occ. fresh v. crowded porphyritic sections < 30cm. - (function of alt'n) some minor gneiss and siliceous-banded chalc.				w-m ser ± wsil ± wlim	tr py												
				37°C A	sil zone inlets														
				50°	welding														

*NB Rq displacement along 20° fracture, - vert and displaced along E dipping fracture. - welding to fracture.



DEPTH (metres) FROM TO	GRAPHIC	DESCRIPTION	RECOVERY	STRUCTURE		ALTERATION	METALLIC MINERALS (%)	SAMPLE DATA				RESULTS		
				ANGLES	VEINS			SAMPLE NO.	FROM	TO	LENGTH M	Au	Ag	
57.8 - 58.9	1a	grades more altered grades more silicified down hole and more pyritized.				m ser ± w-msil	fr-w-mpy							
58.9 - 59.9	1a f? 1c	very pale strongly altered zone - few g st near end for 5-10cm.		58° 43°	apt'n contact "	m l.m. s ser s albkt??	w-py.							
59.9 - 64.1	1s	altered - sericitized + variably silicified - w pervasive sil with patchy mod sil, minor mottled texture - bottom 40cm - more altered		55°	welding	m ser w-m sil	m-w-py							
64.1 - 66.2	f	broken to rubble core of above		10° CA	fract.	w-m ker on frnt. m sericite vw perv sil								
66.2 - 67.1	f 1s	original texture almost obliterated - originally Rgtf welded tuff, gray, fine textured, pyritic				w m sil m-s ser.	m ³ py 3-4% 20465	66.2	67.1	0.9			20	
67.1 - 74.5	1a	altered, Rgtf welded tuff perv sil - more brecc zones ± grad zone , moment, more more pyritic zones generally < 1cm @ 73.3 - 73.9 - hematitic zone with ± m sil, w mottling.				w perv sil m ser ± wchl	w-py 12% ± m py	20466	67.1	68.2	1.1			8.5

APPENDIX IV

Statement of Expenditures

Wages:	J. Pautler	30 days @ 283.00/day	\$ 8,490.00
	D. Scammell	15 days @ 160.00/day	2,400.00
	J. Chadwell	20 days @ 165.00/day	3,300.00
		Total: 65 man-days	\$ 14,190.00
Groceries:		30 man-days @ \$ 15.00/md	450.00
Meals, Accommodation:		5 man-days @ \$75.00/ea.	375.00
Field Supplies:	(flagging tape, thread, sample bags)		
		65 man-days @ \$10.00	650.00
Camp Supplies:	(Propane, tents, hardware, etc.)		
		65 man-days @ \$10.00	650.00
Equipment rental:	Radios:	1 mo @225.00/mo	
	ATV:	1 mo @760.00/mo	
		Total:	985.00
Truck/Gas:		1 mo. @ \$1,500./mo.	1,500.00

Trenching: Alf Kalenith, Cache Creek, B.C.
Double H Carriers, Williams Lake, B.C.

Total: 16,409.00

Drilling:

Lone Ranger Diamond Drilling, Lumby, B.C. 556.7m @ \$60./m 33,402.00

Britton Bros. Diamond Drilling, Smithers, B.C. 200.8m @ \$70./m 14,056.00

Air Charter: Avnorth Aviation, Anahim, B.C. 400.00

Canadian Helicopters (July 14) 1,755.82

Total: 2,155.82

Geochemistry: 131 rocks @ 14.00 ea. Au, Ag 1,834.00
26 rocks @ 20.85 ea. Au/Ag assay 542.10
74 rocks @ 5.50 ea. ICP 407.00
freight 350.00

Total: 3,133.00

Maps & Prints: 207.31

Report & Drafting: 5,560.00

GRAND TOTAL: \$ 93,723.13



APPENDIX V

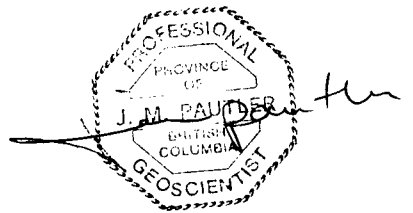
STATEMENT OF QUALIFICATION

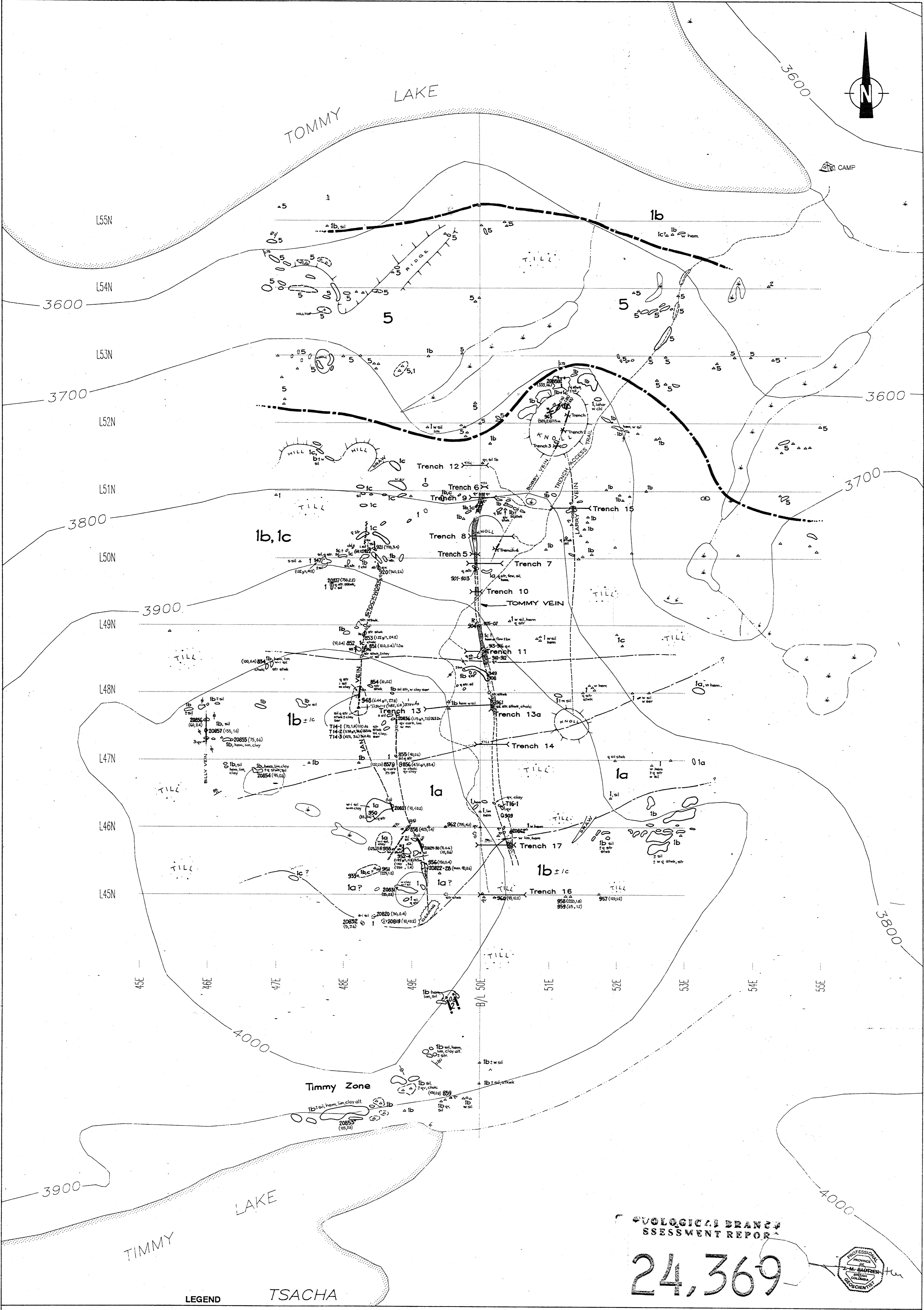
I, Jean Marie Pautler, do hereby certify that:

- 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 TSACHA Claim Group between July 14 and November 27, 1995.



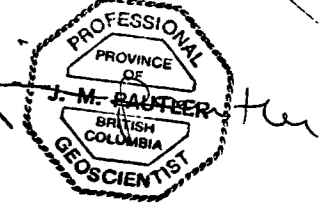
Jean Pautler
Senior Project Geologist.





GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,369



LEGEND

- Late Cretaceous**
- 5 FELSITE fine grained sills, dykes, small plugs with vitreous biotite
- Jurassic Hazelton Group**
- 4 AUGITE PORPHYRY
 - 3 VOLCANICLASTIC
 - 2 BASALTIC-ANDESITE; d. dacite
 - 1 RHYOLITE with feldspar phenocrysts, rounded quartz phenocrysts
- 0, b, c, variably welded ash flow tuff
- R aphanitic rhyolite

TSACHA TASHA 1 SYMBOLS

- LINEAMENT
- GEOLOGICAL CONTACT
- OUTCROP
- SUBCROP
- TALUS
- △ FLOAT
- ALTERATION ZONE
- , ▲ ROCK SAMPLE; OUTCROP, FLOAT
- SOIL SAMPLE
- × STREAM SEDIMENT SAMPLE
- M MOSS MAT
- L SILT SAMPLE

- MINERALS**
- q quartz
 - ser sericite
 - py pyrite
 - ep chloropyrite
 - ga galena
 - ank arsenic
 - carb carbonate
 - chalc chalcobite
- ALTERATION**
- ser sericite
 - hem hematite
 - ch chlorite
 - sil siliceous
 - lim limonite
- STRUCTURE**
- v vein
 - bs breccia
 - str stringer
 - stbk stockwork
- MODIFIERS**
- w weak
 - m moderate
 - s strong
 - i intense

NOTE: THREE DIGIT SAMPLE NUMBERS ALL HAVE 134 PREFIX REMOVED. EG. 408 = 13408

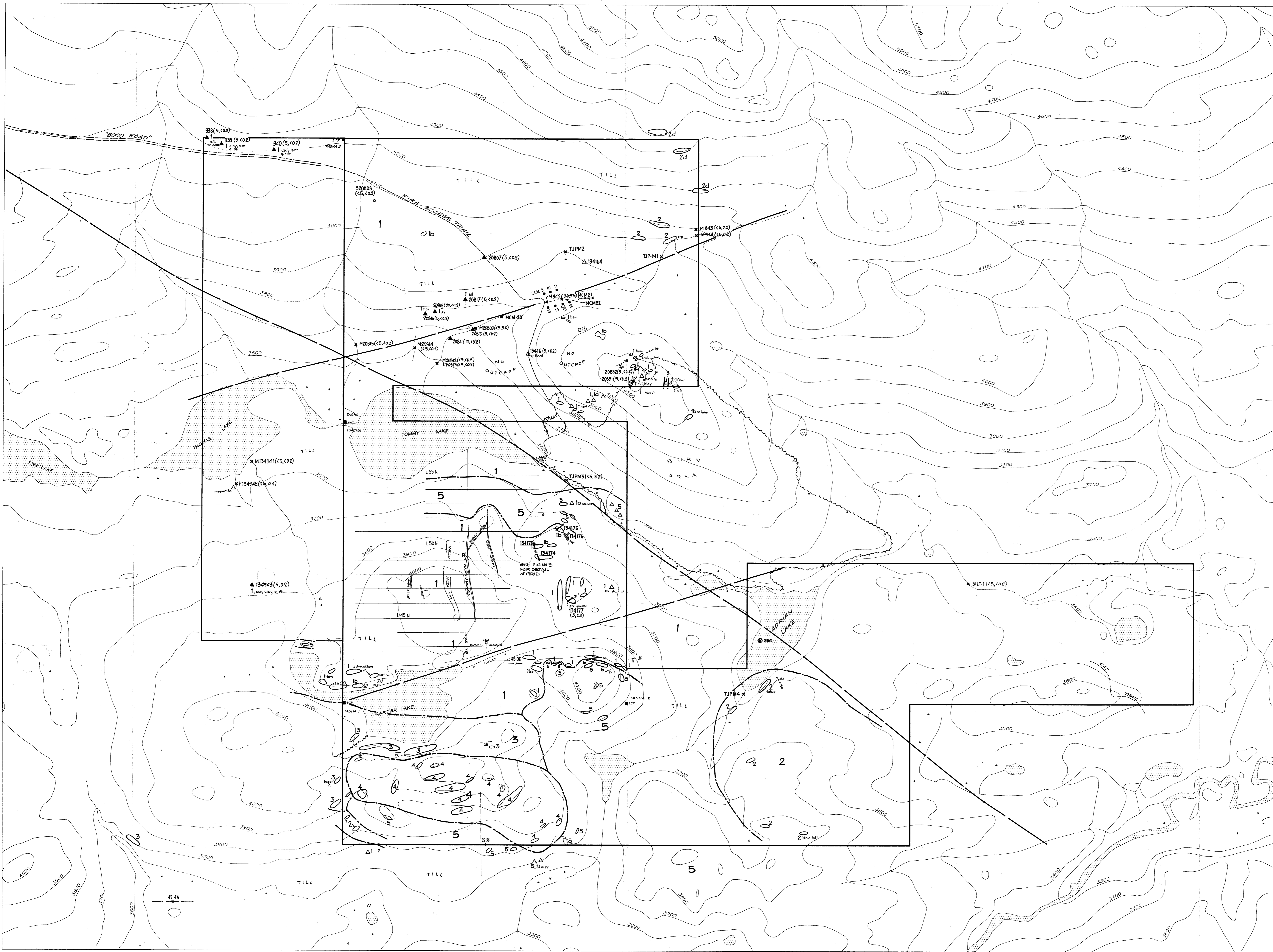
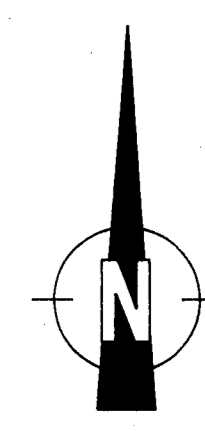
TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

TSACHA PROPERTY

GRID GEOLOGY

0 50 100 metres

DATE DRAWN: MAR. 28, 1995 SCALE: 1:2,500 FIGURE No. 5
 COMPILED BY: J.P./H.S. JOB No: 1745
 DRAWN BY: S.A. NTS No: 9379E



- LEGEND**
- Late Cretaceous**
- 5 FELSITE fine grained sills, dikes, small plugs with vitreous biotite
- Jurassic Hazelton Group**
- 4 AUGITE PORPHYRY
 - 3 VOLCANICLASTIC
 - 2 BASALTIC-ANDESITE; d. dacite
 - 1 RHYOLITE WELDED TUFF with feldspar phenocrysts, rounded quartz phenocrysts
- R aphanitic rhyolite

- SYMBOLS**
- LINEAMENT
 - GEOLOGICAL CONTACT
 - OUTCROP
 - SUBCROP
 - TALUS
 - FLOAT
 - ALTERATION ZONE
 - ROCK SAMPLE: OUTCROP, FLOAT
 - SOIL SAMPLE
 - STREAM SEDIMENT SAMPLE
 - MOSS MAT
 - SILT SAMPLE

NOTE: THESE DIGIT SAMPLE NUMBERS ALL HAVE 154 PREFIX REMOVED. Eg. 239 = 124027

MINERALS	ALTERATION	STRUCTURE	MODIFIERS
q quartz	ser sericite	v vein	l trace
py pyrite	hem hematite	sa stockwork	w weak
cp chlorophyllite	chl chlorite	stc stringer	m medium
ga galena	sil silicified	stsk stockwork	s strong
ank arsenic	lim limonite		l intense
carb carbonate			
calc calcareous			

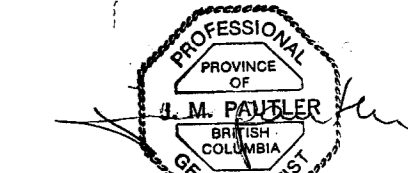
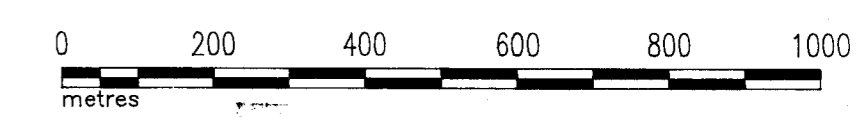


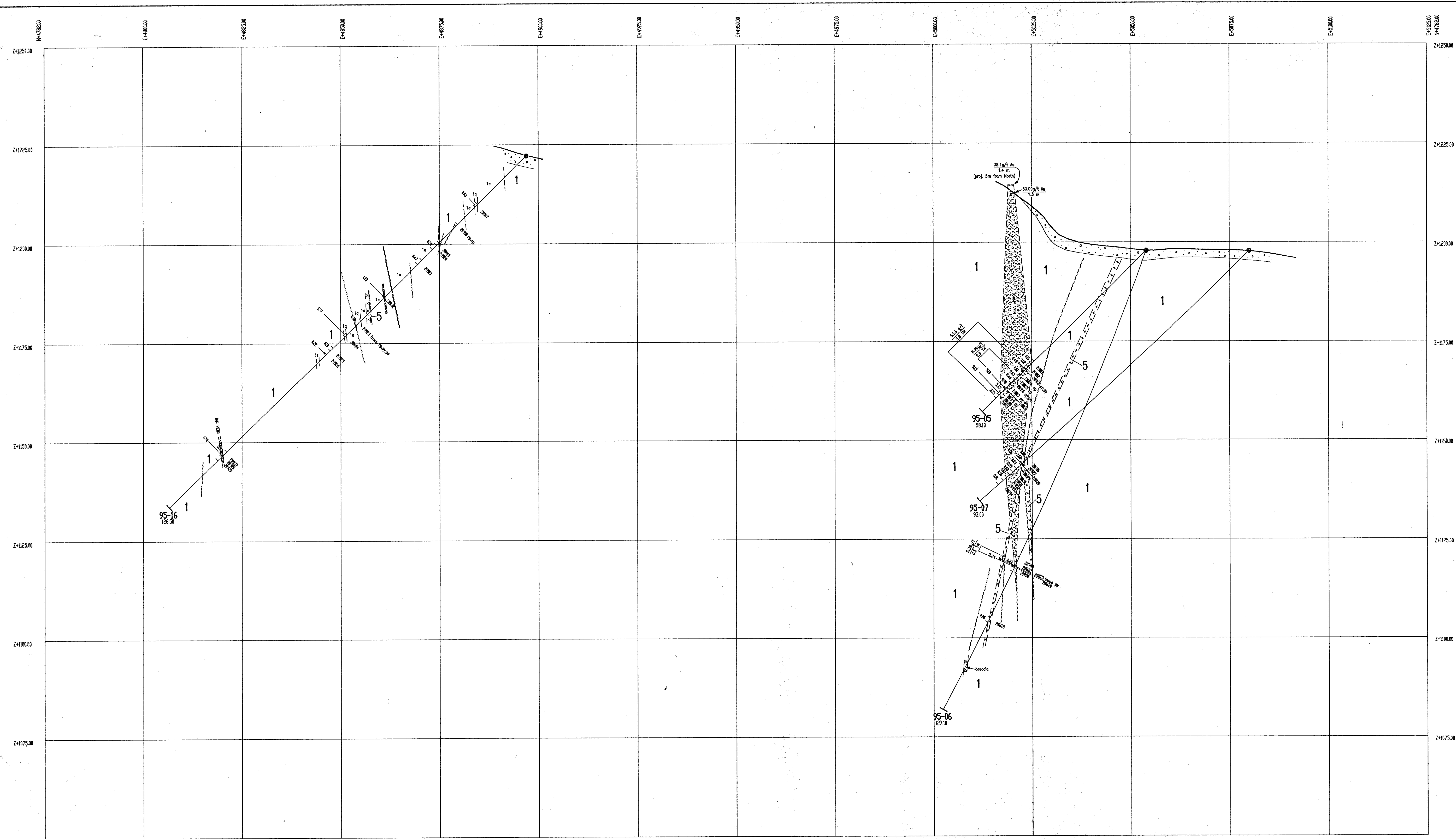
FIGURE 4

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA
TSACHA PROPERTY


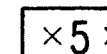
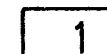
PROPERTY GEOLOGY

DATE DRAWN: MAR. 7, 1995 SCALE: 1:10,000 DWG. NAME:
COMPILED BY: J.F. JOB No: 1745 TSA-TOP
DRAWN BY: S.A. NTS No: 937/SE

24,369



Legend

-  VEINS quartz +/- calcite
- Late Cretaceous*
-  FELSITE fine grained sills, dykes
- Jurassic Hazelton Group*
-  RHYOLITE welded tuff
 - 1a +/- sericite, ilmonite, hematite, chlorite, clay
 - 1q quartz/calcite stringer/stockwork
 - 1s pervasive silicification

Au grams/tonne $\frac{5.49}{20000}$ SAMPLE No.

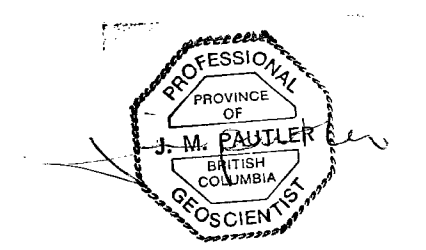


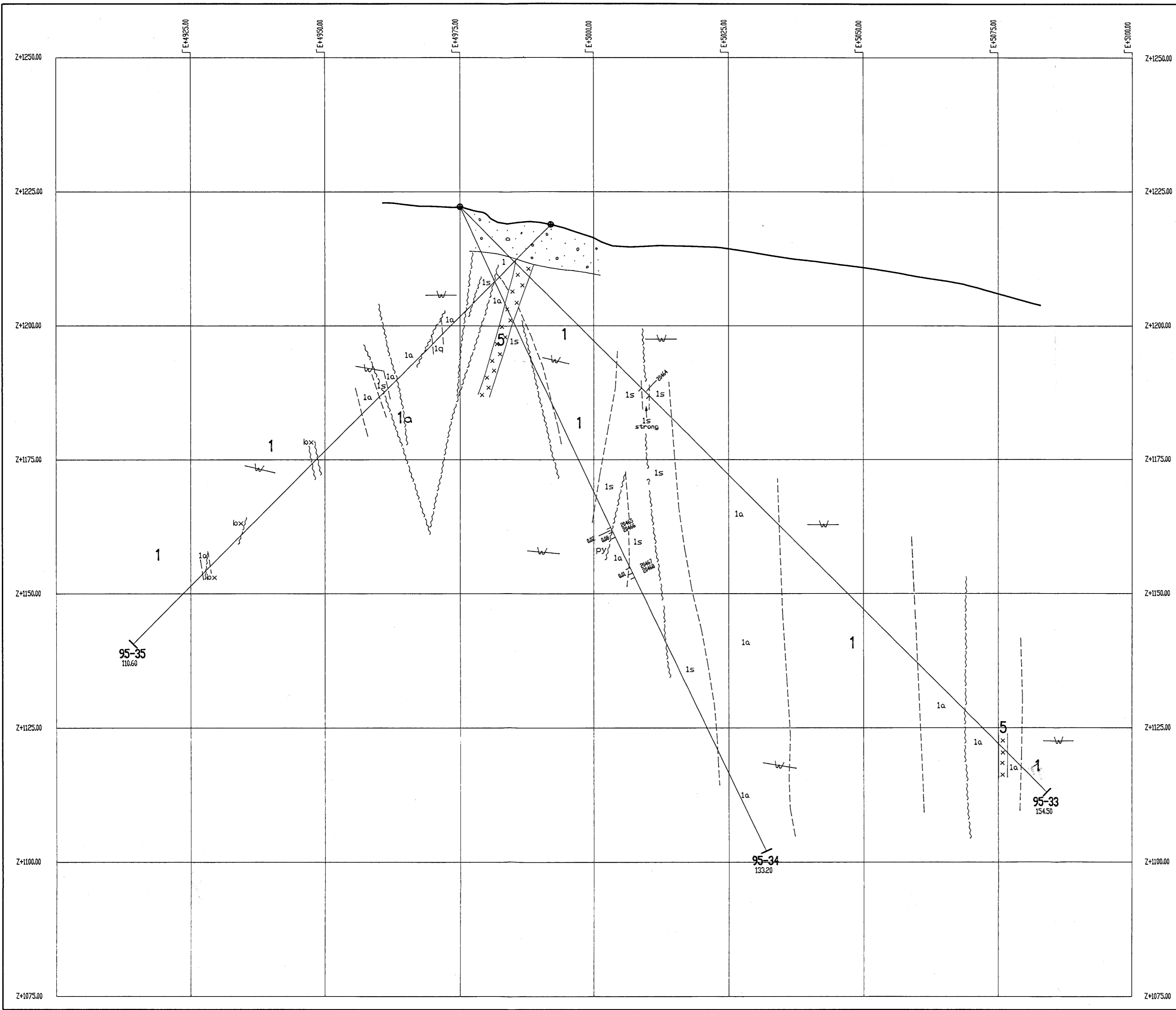
FIGURE 16

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

TSACHA PROJECT

CROSS-SECTION 47+82 N
DDH 95-5,6,7 & 95-16
Au g/t (>0.01)

DATE DRAWN: FEB. 19, 1996	SCALE: 1:500	DWG. NAME:
COMPILED BY: J. Pautler	JOB No: 1745	NTS No: 93F/3E
DRAWN BY: S.A.		TSR-4782



GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,369

Legend

- VEINS quartz +/- calcite
- FELSITE fine grained sills, dykes
- 1** RHYOLITE welded tuff
 - 1a +/- sericite, limonite, hematite, chlorite, clay
 - 1q quartz/calcite stringer/stockwork
 - 1s pervasive silicification

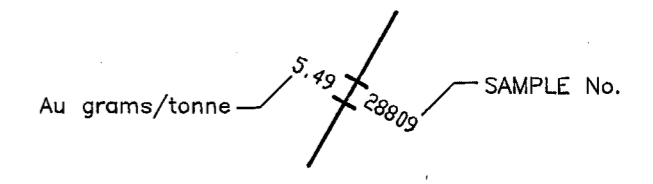
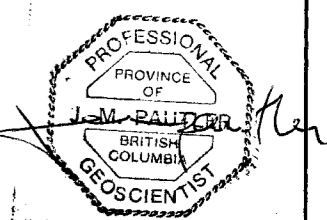


Figure: 17

TECK EXPLORATION LTD.
KAMLOOPS, BRITISH COLUMBIA

TSACHA PROJECT

CROSS-SECTION 44+00 N
DDH 95-33,34,35

Au g/t (>0.01)

DATE DRAWN: APRIL 4, 1996	SCALE: 1:500	DWG. NAME:
COMPILED BY: J. Pautler	JOB No: 1745	TSA-4400
DRAWN BY: S.A.	NTS No: 93F/3E	