ARIS SUMMARY SHEET

District Geologist, Smithers — Off Confidential: 89.02.23

ASSESSMENT REPORT 16968 — MINING DIVISION: Omineca

PROPERTY: Gaul
LOCATION: LAT 54 09 30 LONG 126 16 00
UTM 09 6004373 678473
NTS 093L01W
CLAIM(S): Gaul 3-4
OPERATOR(S): Teck
AUTHOR(S): Betmanis, A.
REPORT YEAR: 1988, 68 Pages
COMMODITIES SEARCHED FOR: Silver,Copper
GEOLOGICAL SUMMARY: Cretaceous Goosly lake volcaniclastic rocks are mineralized with pyrite, chalcopyrite and tetrahedrite, partly in a north-northeast trending and westerly dipping zone.
WORK DONE: Drilling
DIAD 1186.0 m 6 hole(s); NQ
Map(s) - 1; Scale(s) - 1:2500
SAMP 300 sample(s) ;CU,AG,AU,AS,PB,ZN,FE
RELATED REPORTS: 13943
MINFILE: 093L

1987 DRILLING PROGRAM
GAUL CLAIM GROUP
GOOSLY LAKE AREA
OMINECA MINING DIVISION, B.C.
N.T.S. 93L/1W

BY

A. I. BETMANIS, P.ENG.

TECK EXPLORATIONS LIMITED

February 12, 1988
Vancouver, B.C.

CONTENTS

INTRODUCTION

The Gaul Group of mineral claims are held by a joint venture between Teck Corporation (39.1%), Pioneer Metals Corporation (39.1%), and Equity Silver Mines Ltd. (21.8%). The claims are located about 2 km south of the Equity Silver Mine. Six NQWL diamond drill holes were drilled for a total depth of 1,186.4 metres during December, 1987 to follow up and expand on low grade but significant silver-copper mineralization encountered during a 1985 drilling program. Drill holes from the current program and drill holes from previous programs in the mineralized area were surveyed.

The drill core was logged and sulphide mineralized sections split. Core samples were assayed at the Equity Mine laboratory. All drill core from the 1985 and 1987 drilling programs is stored in core racks at the Equity Mine complex.

Low grade mineralization over significant widths (65.4 m) were encountered expanding the previously indicated mineralization sufficiently to warrant additional exploratory drilling.

PROPERTY

The property is located 2 km south of Equity's Southern Tail ore body and 4 km east of Goosly Lake, Omineca Mining Division, B.C. Geographical co-ordinates are 54°9-1/2'N, 126°16'W in N.T.S. 93L/1W. The claims adjoin and are surrounded by claims held by Equity Silver Mines Ltd.

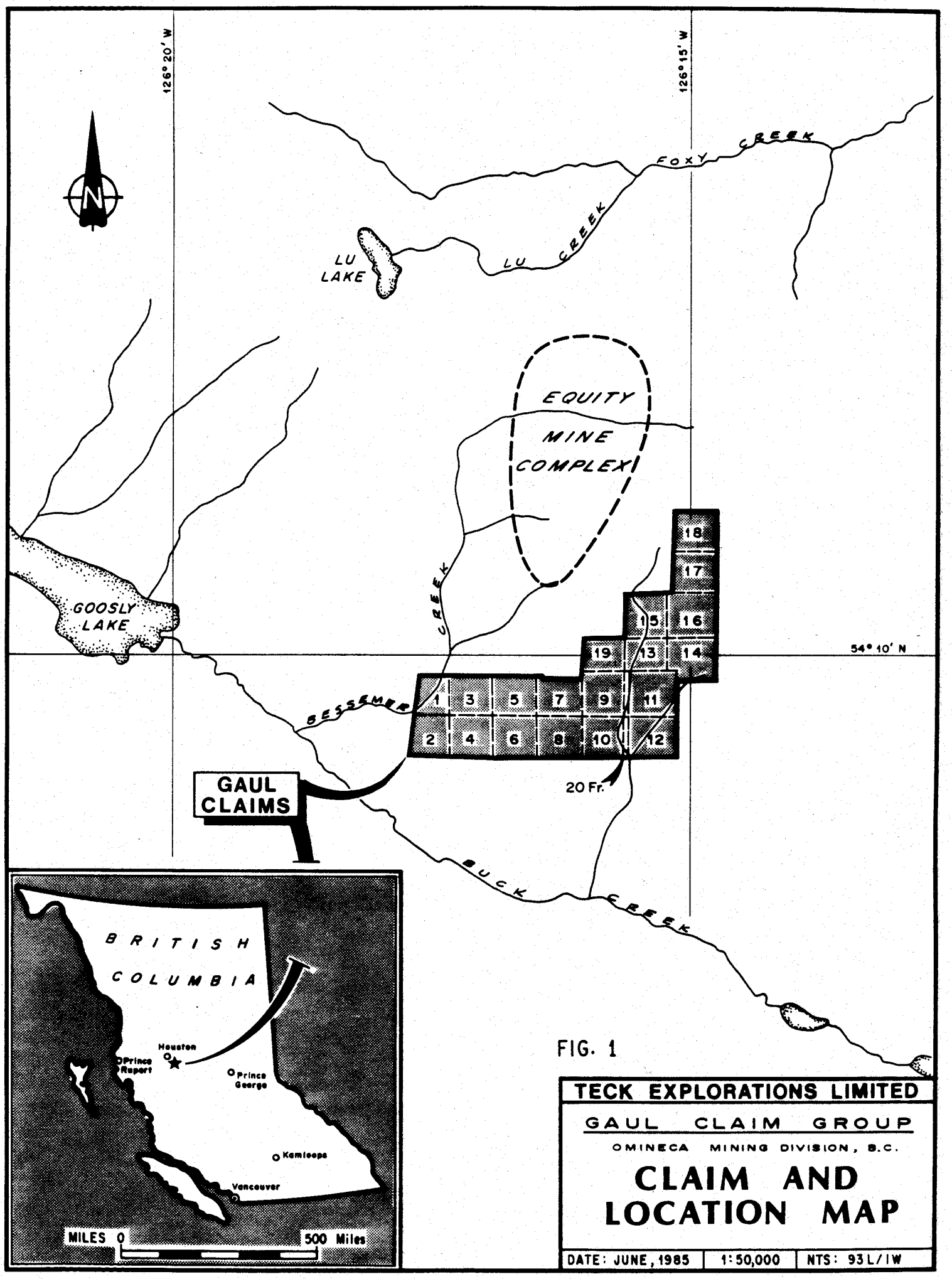


FIG. 1

TECK EXPLORATIONS LIMITED

GAUL CLAIM GROUP

OMINECA MINING DIVISION, B.C.

CLAIM AND LOCATION MAP

DATE: JUNE, 1985	1:50,000	NTS: 93L/1W

The Gaul Group consists of 19 located two-posts mineral claims and one fractional claim as listed below:

Claims	Date Recorded	Record Nos.	Expiry Date *
Gaul 1-4	18 June 1971	99630-633	18 June 1995
Gaul 5-6	18 June 1971	99634-635	18 June 1995
Gaul 7-19	18 June 1971	99636-648	18 June 1995
Gaul 20 Fr	18 June 1971	99649	18 June 1995

Teck, Pioneer and Equity are joint recorded owners.

The initial post of Gaul 3 and 4 claims and Equity's previous initial post T-42, 43 were tied in by transit survey to the drill holes and Equity's mine grid for more accurate property location.

* Prior to acceptance of current work.

PHYSIOGRAPHY

The property is located on a southwest facing gentle slope between the Equity Mine on the north and Buck Creek, flowing into Goosly Lake, on the south. Elevations range from 1,000 metres at the southwest corner to 1,550 metres at the northeast corner. The main area of previous and current drilling is within clearcuts logged in 1969 and 1973. Although two creeks drain the property, the soil retains a high degree of moisture, and four-wheel drive vehicles cannot be used off the main gravel-base haulage roads except in the driest summer months.

ACCESS

Access to the property from Houston, B.C. is via the Equity Mine road to Equity (38 km), then south on the Equity-Buck Creek road to kilometre post 50 (7.3 km), then east to Equity's Bessener Creek silt dam just west of the property (1.0 km). The road continues easterly past the dam and through the southern part of the property. Kilometre post 52 is located at the old Gaul core shack, and is central to the current area of interest. Kilometre post 50 can be reached alternately by following Buck Flats Road southeasterly from just west of Houston.

PREVIOUS WORK

The Gaul claims area was staked originally in the mid-to-late 1960's by Kennco Explorations Limited. It was restaked in December, 1968 as the SAM 1-19 claims. The SAM claims were relocated by transit survey in June, 1971 as the GAUL 1-19 and GAUL 20 Fr. claims.

A summary of previous exploration is listed below:

1969 (Maverick):	geological mapping, geochemical soil and silt surveys;
1970 (Maverick):	induced polarization and magnetometer surveys;
1971 (Maverick):	755.0 metres BQWL drilling in 6 holes (M 1-6);
1971 (Teck):	additional soil surveys, self potential and VLF-EM surveys, 1,221.3 metres BQWL drilling in 8 holes (T 7-14);
1982 (Equity):	geochemical soil surveys on Gaul claims as part of a larger geochemical program south of the Equity mineralized zones;
1985 (Teck):	685.2 metres NQWL drilling in 4 holes (85 TG 15 to 18).

Results of the above work are reported in the attached list of references.

GEOLOGY AND MINERALIZATION

Geology of the Equity deposits is described by Cyr, et al. (1983). The geology projects southerly onto the Gaul claims.

Pre-mineral rocks of the Equity deposit and Gaul claims occur as a north-northeast trending inlier of upper Cretaceous Goosly Lake volcanics overlain by post mineral Oligocene volcanics. Main lithologies of the inlier are volcanic-clastic rocks subdivided, from oldest to youngest, into:

(a) clastic division of conglomerates and argillites;
(b) pyroclastic division of tuffs and volcanic breccias; and
(c) sedimentary-volcanic division of tuffs and conglomerates.

The Goosley Lake Sequence strikes north-northeasterly and dips approximately 70 degrees westerly north of the Gaul claim block. The Goosly Lake Sequence has been intruded to the west of the Equity deposits by a Tertiary quartz monzonite dated at 56 m.y. and on the east by a Tertiary monzonite-diorite gabbro complex dated at 48 m.y. Recent investigations indicate that mineralization at Equity is related to the 56 m.y. quartz monzonite, has been remobilized partly by the 48 m.y. intrusive complex, and deposited partly stratabound in the pyroclastic division of the Goosly Lake Sequence.

The eastern Gaul claims and western edge of the Gaul property are underlain by post-mineral Goosly Lake volcanics. The 56 m.y. quartz monzonite has been mapped as occurring within 1/2 km of the northern boundary of the western Gaul claims, and the 48 m.y. intrusive complex outcrops within 200 metres of the northeastern Gaul claims. The pyroclastic and sedimentary-volcanic divisions of the Goosly Lake Sequence underlies much of the western part of the property. Areas of indicated significant mineralization from previous and current drilling occur 2 km south-southwest of and on strike with Equity's Southern Tail ore body within the pyroclastic division and close to the sedimentary-volcanic division. Equity's Superstition Zone, possibly on the same structural trend as the Southern Tail ore body, extends southerly to within tens of metres of the Gaul property boundary north of drill holes M-3 and M-4.

Mineralization in the Equity deposits consists mainly of pyrite, chalcopyrite, and tetrahedrite stockwork in shears, breccias and crackle zones which locally grade to massive lenses. Lesser but common metallic mineralization includes specularite, magnetite, pyrrhotite, arsenopyite, sphalerite and galena. Previous drilling by Teck and Maverick on the Gaul claims encountered hairline to 1 cm fracture fillings of pyrite and minor chalcopyrite, sphalerite and galena with a quartz gangue. Fractures at a freqency of 5 to 15 per metre appear to be sub-parallel and steeply dipping. Drill holes M-2 and M-4 encountered a siliceous breccia zone up to 1 metre wide mineralized with pyrite, chalcopyrite, and pyrrhotite. Drill hole 85TG18 encountered a wide zone of low grade silver-copper mineralization with highest grades adjacent to post-mineral dykes.

OBJECTIVES OF PROGRAM

Previous drill holes 85TG18 had collared in an appreciable width of low grade mineralization which could lie on the south-southwestern projection of Equity's Superstition Zone. Insufficient drilling had been carried out to determine the attitude of the zone, or to explore for higher grade sections within it. The 1987 drilling program allotted six drill holes of 200 metres averge depth to test and expand the zone encountered in drill hole 85TG18.

In view of the possible relationship between mineralization being explored in the 1987 program and the Superstition Zone, all intervening drill hole collars on the Gaul property as well as the 1987 drill holes were transit surveyed and tied in to the Equity Mine grid.

SUMMARY OF PROGRAM

A D8H Caterpillar bulldozer owned by Hamblin Industries of Houston, B.C. was used to prepare drill sites and access spurs from existing logging roads.

J. T. Thomas Diamond Drilling (1980) Ltd. of Smithers, B.C. were contracted to carry out the drilling using an Acker A-11 diamond drill to recover NQ core. All drill holes were drilled due east with collar inclinations of 45 degrees. Hydrofluoric acid etch tubes were used to determine variations in drill hole inclinations.

Gallant Trucking of Kamloops, B.C. were contracted to supply water to the drilling rig from Equity's Bessemer Creek silt dam.

The drill core was logged and where significant sulphide mineralization was noted, the core was split for assaying. Split samples were assayed at the Equity Mine laboratory for silver, gold, copper, lead, zinc, antimony, arsenic, and iron. All drill core is stored in core racks at the Equity Mine complex.

Drill core logs, assay results, and survey data are attached as appendices to this report.

RESULTS

All six holes drilled encountered low grade chalcopyrite and tetrahedrite mineralization with occasional narrow sections of high grade chalcopyrite. Sphalerite, and rarely galena, were noted locally. Sections averaging plus 10 g/t Ag are summarized in Table I.

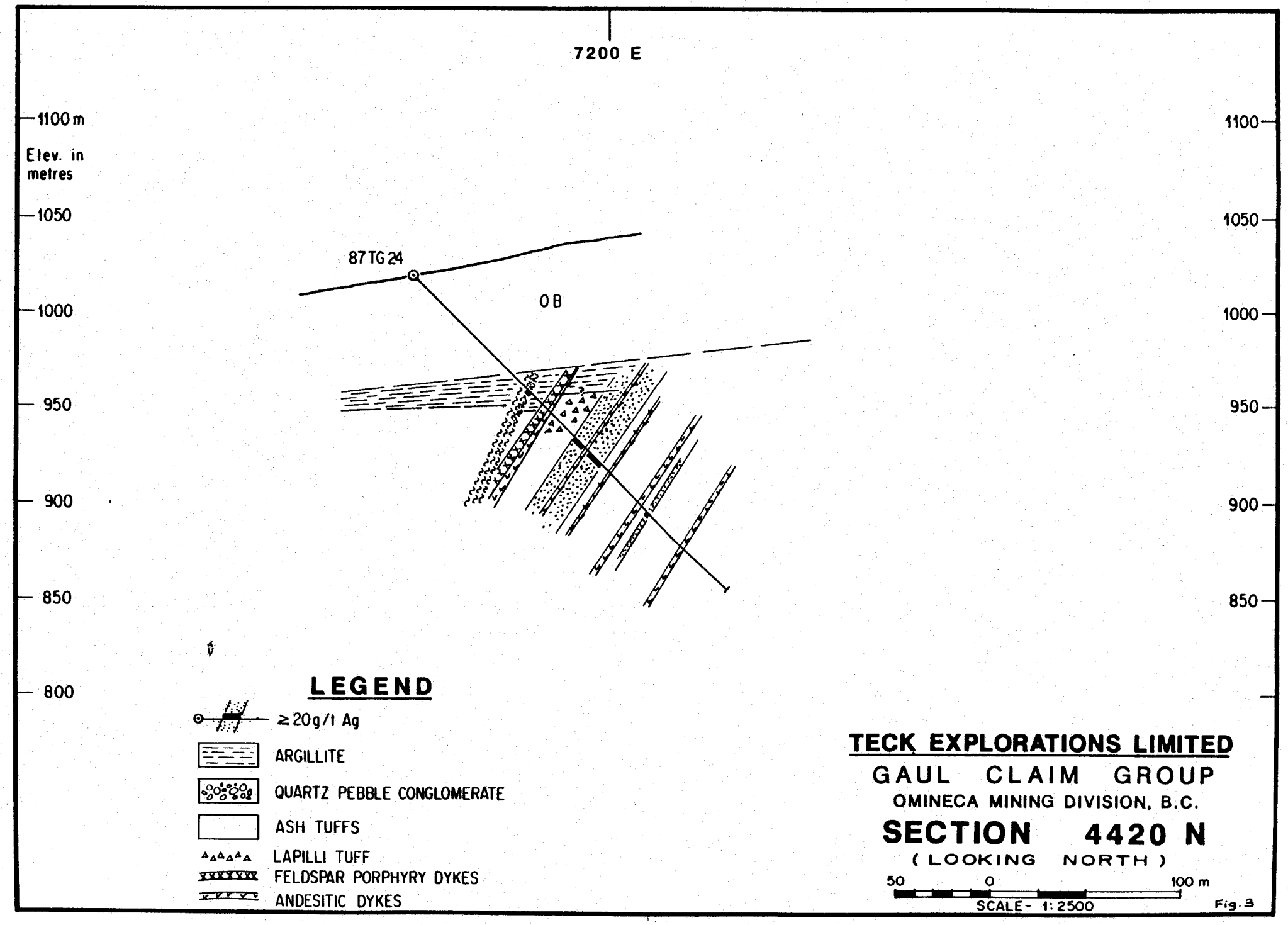
Most drill holes were collared in black fine grained volcanic argillite or interbedded argillites and tuffs. The northern holes (TG19-21 and 23) encountered a lens of chert pebble conglomerate between the argillites and underlying ash tuffs. Sections through the drill holes (Figs. 3-7) suggest that in the drilled area the Goosly Lake Sequence is sub-horizontal in attitude with a gentle dip to the southwest. The ash tuffs are intruded by andesitic, feldspar porphyry, and lamprophyre(?) dykes which strike north-northeasterly and dip 40 to 60 degrees westerly.

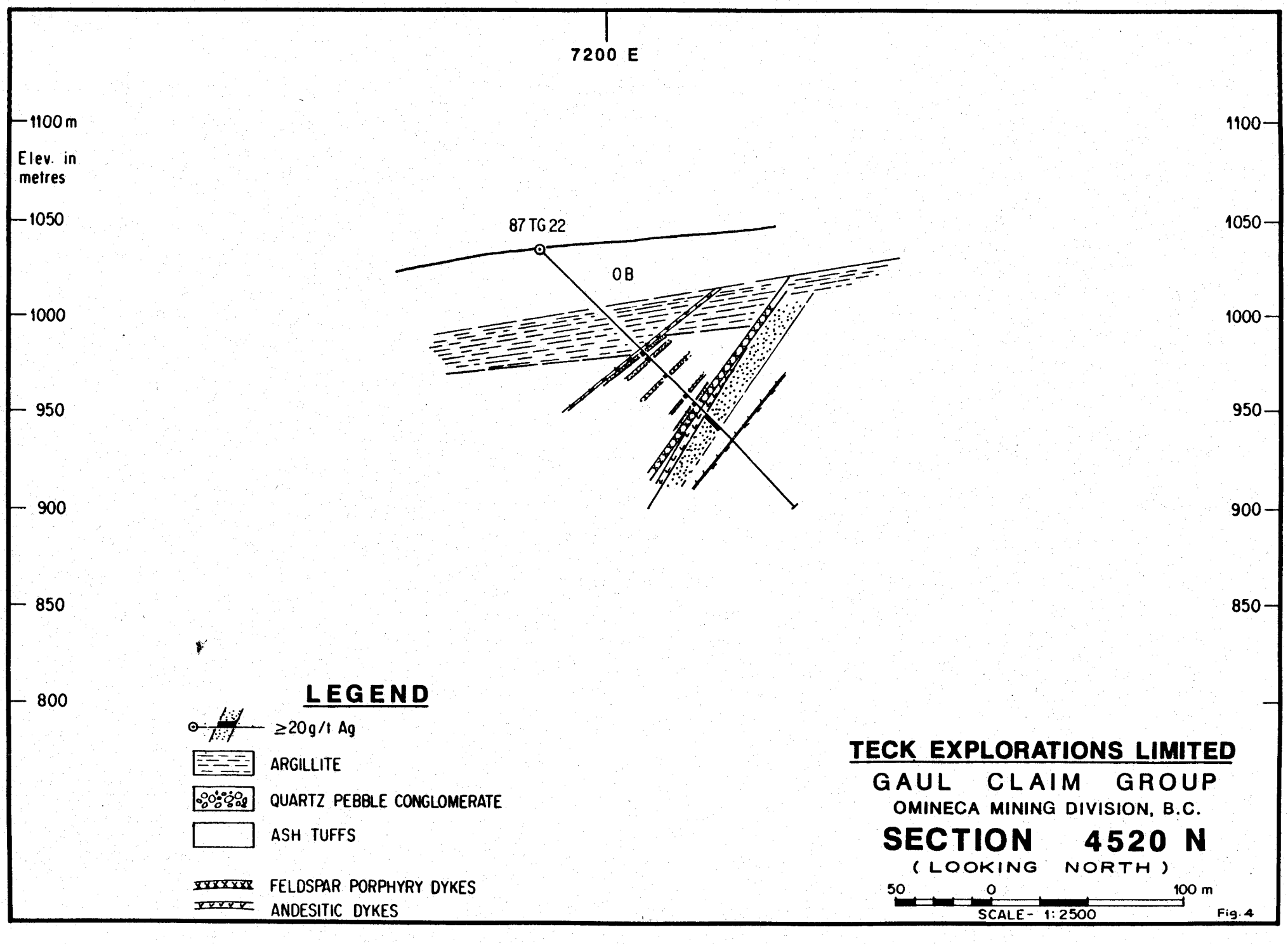
Mineralization occurs as sulphide fracture fillings, sulphides in quartz-carbonate veinlets, quartz-carbonate-sulphide (breccia) megaveins (>20 cm), massive sulphide veins, and sulphide disseminations. Pyrite is ubiquitous but decreases near the bottom of each hole, or as the drill holes penetrate deeper in the ash tuffs below the dykes. Sulphide mineralized veins usually form angles of 60 to 80 degrees opposite to bedding. Chalcopyrite mineralization increases locally to equal or surpass pyrite mineralization in abundance. Tetrahedrite and occasionally sphalerite mineralization usually occurs with thicker quartz-carbonate-chalcopyrite veining. The dykes are unmineralized, although rarely inclusions of quartz-carbonate altered and sulphide mineralized wallrock occur within the dykes near their contacts.

TABLE I

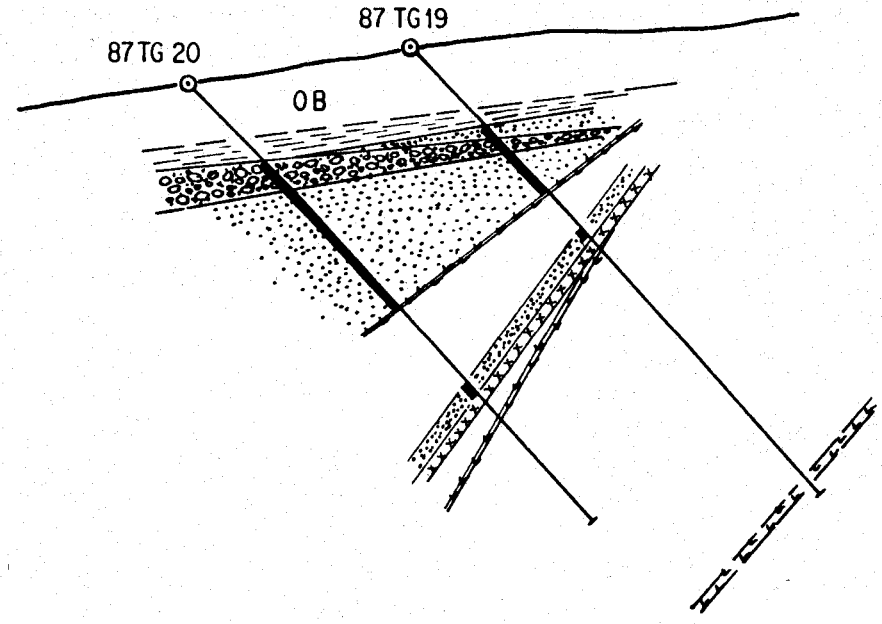
SUMMARY OF SIGNIFICANT VALUES

Drill Hole	From	To	Width (m)	g/t Ag	% Cu
87TG19	34.0	64.9	30.9	10.8	0.23
incl.	34.0	43.5	9.5	19.3	0.43
incl.	62.0	64.9	2.9	16.9	0.26
	66.0	70.0	4.0	22.3	0.55
	83.6	85.5	1.9	30.0	0.11
	92.1	95.0	2.9	41.2	0.35
87TG20	36.6	102.5	65.4	12.9	0.71
incl.	65.7	69.5	3.8	105.4	7.88
	103.3	104.0	0.7	57.0	2.18
	137.0	142.2	5.2	14.8	0.43
87TG21	23.0	69.6	46.6	11.8	0.48
	119.3	135.0	15.7	20.3	0.31
87TG22	74.7	76.3	1.6	14.7	0.19
	80.3	82.0	1.7	16.0	0.34
	92.3	93.6	0.7	88.0	2.54
	106.9	107.9	1.0	74.0	3.53
	113.5	115.4	1.9	55.3	1.17
	120.7	132.0	11.3	23.5	0.45
87TG23	29.3	40.0	10.7	15.5	0.40
	57.2	59.5	2.3	18.0	0.52
	65.2	68.0	2.8	18.0	0.35
	91.4	93.0	1.6	28.0	0.50
	108.8	110.5	1.7	64.0	1.83
87TG24	86.7	88.1	1.4	36.0	0.85
	121.6	128.0	6.4	26.6	0.87
	129.7	140.2	10.5	35.0	1.25
	176.9	177.5	0.6	57.0	2.59
	178.1	178.9	0.8	35.0	0.81


7200 E
1100 m
Elev. in metres
1050
1000
950
900
850
800
1100
1050
1000
950
900
850
87TG24
OB
LEGEND
≥20g/t Ag
ARGILLITE
QUARTZ PEBBLE CONGLOMERATE
ASH TUFFS
LAPILLI TUFF
FELDSPAR PORPHYRY DYKES
ANDESITIC DYKES
TECK EXPLORATIONS LIMITED
GAUL CLAIM GROUP
OMINECA MINING DIVISION, B.C.
SECTION 4420 N
(LOOKING NORTH)
50 0 100 m
SCALE- 1:2500
Fig. 3


7200 E
1100 m
Elev. in metres
1050
1000
950
900
850
800
1100
1050
1000
950
900
850
87 TG 22
OB
LEGEND
≥20g/t Ag
ARGILLITE
QUARTZ PEBBLE CONGLOMERATE
ASH TUFFS
FELDSPAR PORPHYRY DYKES
ANDESITIC DYKES
TECK EXPLORATIONS LIMITED
GAUL CLAIM GROUP
OMINECA MINING DIVISION, B.C.
SECTION 4520 N
(LOOKING NORTH)
50 0 100 m
SCALE - 1:2500
Fig. 4

7200 E



1100 m

Elev. in metres

1050

1000

950

900

850

800

1100

1050

1000

950

900

850

LEGEND

≥ 20g/t Ag

ARGILLITE

QUARTZ PEBBLE CONGLOMERATE

ASH TUFFS

FELDSPAR PORPHYRY DYKES

ANDESITIC DYKES

TECK EXPLORATIONS LIMITED

GAUL CLAIM GROUP

OMINECA MINING DIVISION, B.C.

SECTION 4620 N

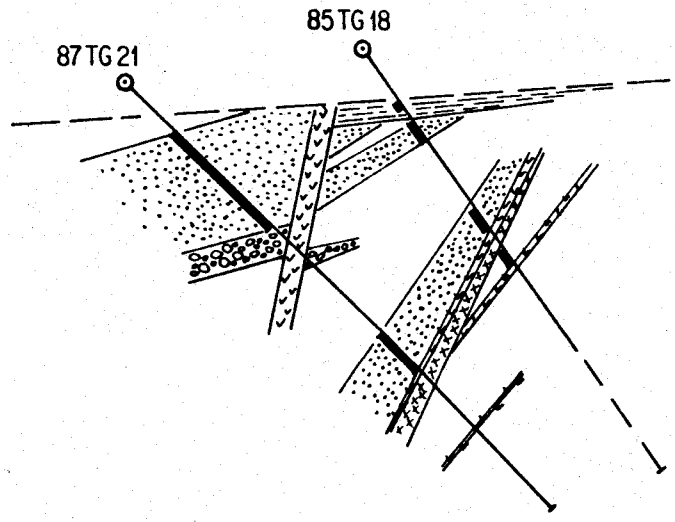
(LOOKING NORTH)

50 0 100 m

SCALE- 1:2500

Fig. 5

7200 E



1100 m
Elev. in metres
1050
1000
950
900
850
800

1100
1050
1000
950
900
850

LEGEND

≥ 20g/t Ag
ARGILLITE
QUARTZ PEBBLE CONGLOMERATE
ASH TUFFS
FELDSPAR PORPHYRY DYKES
ANDESITIC DYKES

TECK EXPLORATIONS LIMITED

GAUL CLAIM GROUP

OMINECA MINING DIVISION, B.C.

SECTION 4700 N

(LOOKING NORTH)

50 0 100 m

SCALE- 1:2500

Fig. 6

7200 E

1100 m

Elev. in metres

1050

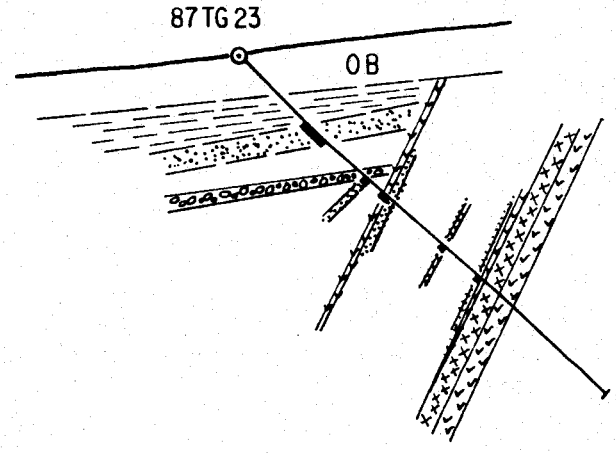
1000

950

900

850

800



1100

1050

1000

950

900

850

LEGEND

≥20g/t Ag

ARGILLITE

QUARTZ PEBBLE CONGLOMERATE

ASH TUFFS

FELDSPAR PORPHYRY DYKES

ANDESITIC DYKES

TECK EXPLORATIONS LIMITED

GAUL CLAIM GROUP

OMINECA MINING DIVISION, B.C.

SECTION 4790 N

(LOOKING NORTH)

50 0 100 m

SCALE- 1:2500

Fig. 7

Higher grade copper and silver mineralization is located adjacent to the north-northeast striking dykes in ash tuffs and in drill holes TG18 to 20 and TG23 at the base of the interbedded argillitic horizon near the top of the ash tuffs. The mineralization adjacent to dykes may be related to Equity's Superstition Zone mineralization. Post mineral feldspar porphyry dykes encountered in most holes drilled during 1987 can be traced northerly to holes drilled previously and project towards the footwall of the Superstition Zone. No controlling structures are apparent with mineralization concentrated at the base of the argillic horizon.

DISCUSSION

Mineralization adjacent to the andesitic and feldspar porphyry dykes probably is the southern projection of the Superstition Zone with a decrease in mineralization in the area of drill holes M 2, 4, and 5 near the northern boundary of the Gaul claims. Presumably the mineralization follows a north-northeast structure or break which has been intruded by post-mineral dykes. The andesitic dykes are difficult to correlate and probably are discontinuous. The feldspar porphyry dyke can be traced for a distance of over 600 metres (Fig. 2), and may serve as a marker for the mineralized zone or structures. It appears to be offset to the west where intersected in drill hole 87TG24.

Drill holes TG18 to 21 intersected appreciable widths of low grade mineralization near the base of the argillites which do not appear to be associated directly with dykes or structures. There is a possiblity that this zone thickens and dips gently to the west. It may be related to a structure west of the drilled area parallel to or en-echelon with the Superstition Zone, in which case, grades may increase to the west.

CONCLUSIONS

Drill holes 85TG18 to 87TG24 have intersected variable widths of low grade and narrow widths of high grade copper-silver mineralization. Mineralization adjacent to dykes probably is the southern extension of Equity's Superstition Zone. Wide intercepts of low grade mineralization at the top of the ash tuff and base of the argillite appear to dip gently west, but have not been identified with any mineralized structure. Additional drilling to the west will be required to determine the significance of the latter mineralization and to test for improvements in grade.

Respectfully submitted,

February 12, 1988

A. I. Betmanis, P.Eng.

REFERENCES

Betmanis, A.I. (1985): 1985 Drilling Program, Gaul Claim Group, Goosly Lake Area, Omineca Mining Division, B.C.; dated August 30, 1985; submitted as assessment report by Teck Explorations Limited.

Carr, J.M. (1972): Report on the Gaul Project, Sam Goosly Lake (92L/1W), September-October, 1971 for Teck Corporation Limited; dated March 13, 1972.

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Cochrane, D.R. (1970): Geophysical Report on the Induced Polarization and Magnetometer Surveys, Sam Group, Houston Area, B.C. for Maverick Mountain Resources Ltd.; dated November 5, 1970.

Cyr, J.B., Pease, R.B. and Schroeter, T.G. (1984): Geology and Mineralization at Equity Silver Mines, in Economic Geology, vol. 79, no. 5, pp 947-986.

L'Orsa A. and Seraphim, R.H. (1969): Geological and Geochemical Report on the Sam Group, Goosly Lake, B.C. for Maverick Mountain Resources Ltd.; dated February, 1983.

Pease, R.B. (1983): Soil and Till Geochemistry of the Southern Comfort Grid; for Equity Silver Mines Ltd.; dated February, 1983.

Seraphim, R.H. (1969): Report on the Sam Group, Goosly Lake Are, B.C.; for Maverick Mountain Resources Ltd.; dated October 20, 1969.

AUTHOR'S CERTIFICATE

I, Andris I. Betmanis, do hereby certify that:

1. I am a geologist residing at 2600 Belloc Street, North Vancouver, B.C.;

2. I am a graduate of the University of Toronto with a degree of BASc in Applied Geology in 1965;

3. I am a registered member of the Association of Profession Engineers of the Province of British Columbia, registration number 8336;

4. I have practiced my profession as an exploration geologist continuously for the past 23 years;

5. In December, 1987 I supervised the drilling program described in this report.

A. I. Betmanis, P.Eng.

APPENDIX I

SURVEY DATA

1 Equity Silver Mines Ltd.
Survey Reduction

- A pickup of Teck drilling on the sam/gaul claims -
- December 1987 by Lorne Davies and Andy Betmanis -
- including claim posts. -

*** Shots from station tech01 ***
*** Backsight to station farway01 ***

Station data : Northing 4667.688 Easting 7286.317 Elevation 1059.529 HI 1.488
Backsight data: Northing 4196.782 Easting 5106.945 Azimuth to BS 257.807

0	Horizontal angle dd	mm	ss	Vertical angle dd	mm	ss	Slope distance meters	Northing	Easting	Elevation	Comment
	94	4	42	273	41	30	123.872	4790.065	7268.869	1067.243	#87tg23
	90	7	56	273	2	32	53.180	4719.621	7275.221	1062.089	#85tg18
	326	16	42	262	49	45	67.453	4619.615	7239.754	1050.847	#87tg19

1 Equity Silver Mines Ltd.
Survey Reduction

- A pickup of Teck drilling on the sam/gaul claims -
- December 1987 by Lorne Davies and Andy Betmanis -
- including claim posts. -

*** Shots from station tpteck11 ***
*** Backsight to station tpteck10 ***

Station data : Northing 4655.161 Easting 7420.138 Elevation 1073.547 HI 0.978
Backsight data: Northing 4614.953 Easting 7289.739 Azimuth to BS 252.863

0	Horizontal angle dd	mm	ss	Vertical angle dd	mm	ss	Slope distance meters	Northing	Easting	Elevation	Comment
	159	54	38	272	10	56	32.196	4674.624	7445.755	1075.751	IP Gaul#6
	339	7	51	263	4	32	4.305	4652.530	7416.771	1072.256	IP T-42

1 Equity Silver Mines Ltd.
Survey Reduction

- A pickup of Teck drilling on the sam/gaul claims -
- December 1987 by Lorne Davies and Andy Betmanis -
- including claim posts. -

*** Shots from station tpteck01 ***
*** Backsight to station tech01 ***

Station data : Northing 4718.517 Easting 7182.634 Elevation 1050.166 HI 0.875
Backsight data: Northing 4667.688 Easting 7286.317 Azimuth to BS 116.116

0	Horizontal angle dd	mm	ss	Vertical angle dd	mm	ss	Slope distance meters	Northing	Easting	Elevation	Comment
	308	28	54	275	30	39	16.399	4725.520	7197.379	1050.866	#87tg21
	73	44	21	264	15	54	97.087	4623.342	7166.100	1039.589	#87tg20
	68	44	7	265	46	36	197.361	4522.397	7165.989	1034.757	#87tg22

1 Equity Silver Mines Ltd.
Survey Reduction

- A pickup of Teck drilling on the sam/gaul claims -
- December 1987 by Lorne Davies and Andy Betmanis -
- including claim posts. -

*** Shots from station tpteck02 ***
*** Backsight to station tpteck01 ***

Station data : Northing 4500.317 Easting 7163.393 Elevation 1034.700 HI 1.081
Backsight data: Northing 4718.517 Easting 7182.634 Azimuth to BS 5.039

0	Horizontal angle dd	mm	ss	Vertical angle dd	mm	ss	Slope distance meters	Northing	Easting	Elevation	Comment
	214	3	2	262	1	36	106.366	4418.558	7096.974	1019.277	#87tg24

1 Equity Silver Mines Ltd.
Survey Reduction

- A pickup of Teck drilling on the sam/gaul claims -
- December 1987 by Lorne Davies and Andy Betmanis -
- including claim posts. -

*** Shots from station tpteck20 ***
*** Backsight to station sc3 ***

Station data : Northing 5050.438 Easting 7274.048 Elevation 1082.196 HI 1.075
Backsight data: Northing 5092.105 Easting 7107.025 Azimuth to BS 284.008

0	Horizontal angle dd	mm	ss	Vertical angle dd	mm	ss	Slope distance meters	Northing	Easting	Elevation	Comment
	262	27	6	263	25	32	22.719	5028.011	7271.509	1078.920	#85tg17
	139	51	50	278	3	48	90.632	5089.956	7354.613	1094.234	#M-2

1 Equity Silver Mines Ltd.
Survey Reduction

- A pickup of Teck drilling on the sam/gaul claims -
- December 1987 by Lorne Davies and Andy Betmanis -
- including claim posts. -

*** Shots from station tpteck21 ***
*** Backsight to station sc5 ***

Station data : Northing 5040.605 Easting 7354.469 Elevation 1091.905 HI 1.020
Backsight data: Northing 5887.151 Easting 7459.665 Azimuth to BS 7.084

0	Horizontal angle dd	mm	ss	Vertical angle dd	mm	ss	Slope distance meters	Northing	Easting	Elevation	Comment
	31	42	4	277	43	22	64.274	5090.253	7394.365	1099.812	#M-4
	65	33	6	278	40	50	171.675	5091.255	7516.443	1117.085	#M-3
	128	24	10	270	8	55	51.707	5003.734	7390.720	1091.309	#M-5

APPENDIX II

DRILL LOGS

87TG19
87TG20
87TG21
87TG22
87TG23
87TG24

DIAMOND DRILL HOLE LOG
TECK CORPORATION

LEGEND

SURVEY (Acid Tube Tests)

Footage	Bearing	Inclination
128.0m		-47½°
199.9m		-47°

Property: GAUL — Hole No.: 87TG 19
Location: Gaul #4 Claim, Goosly Lake Area, B.C. (93L/14W) — Bearing at Collar: N86°E
Coord. - Collar N: 4619.6 — Inclination at Collar: -45°
E: 7239.8 — Length: 200.0 m
Elev. - Collar: 1050.8 — Core Size: NQ
Date started: Dec 3, 1987
Completed: Dec 4, 1987 — Logged by: A.I. Betmanis

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
OVERBURDEN — cased															
	25			27.4											
27.4 INTERBEDDED ARGILLIC TUFFS AND ASH TUFFS; predom. dark grey to black fine grained argillic tuffs with interbeds 1cm-15cm medium grey fine grained tuffs. Bedding 60°CA	30		Limonite stain on fracts		3.1	0.7	23	6572	27.4-1.0	2.0	.02	.01	.005	.005	
				30.5											
As above			As above to 33.5m.		3.0	3.0	100	6573	31.0-4.0	2.0	.03	.01	.005	.02	
As above	35		33.0 start py veining 1-2/m 0.5-2cm py v's inc with depth, frequently 60°CA opposite bdng.	33.5	3.										
			35.1-35.5 frequent py v's 65°CA. 35.5-35.6 6cm py v 60°CA		3.1	2.9	94	6574	34.0-7.0	31.0	.90	.01	.005	.06	
Increasing frequency of grey ash tuff interbeds.				36.6											
			py vng 10-15/m		3.0	3.0	100	6575	37.0-9.5	8.0	.27	.01	.005	.02	
(40.0) gradational change to ash tuffs.	40			39.6											
41.4 CHERT PEBBLE CONGLOMERATE crowded subangular to subrounded pebbles (⅔ felsic, ⅓ mafic) in light grey matrix of probable ash tuff.			5-10/m py v/lts 70°CA occ. cp v/lts.		3.1	3.1	100	6576	39.5-1.4	26.0	.40	.005	.005	.06	
				42.7				6577	41.4-3.5	10.0	.18	.005	.005	.03	
			As above		3.0	3.0	100								
	45							6578	43.5-6.0	6.0	.07	.01	.005	.04	
															87TG19 D01

LITHOLOGY, ALTERATION, MISC.	M.	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
Chert Pebble Conglomerate – as above		Scattered rare py v/ts to 3 mm.	45.7											
				3.1	3.0	100	6579	46.0-48.1	4.0	.14	.01	.005	.02	
48.1 ASH TUFF; med grey, med-fine grained changing to fine grained by 49 m, massive, weak bedding 60° CA.		Occasional narrow py v's 70° CA.	48.8											
	50			3.0	3.0	100	6580	48.1-51.0	8.0	.16	.005	.005	.03	
As above, massive, fine grained.		Occasional fract with py dusting.	51.8											
							6581	51.0-54.0	1.0	.005	.005	.005	.005	
As above		As above		3.1	3.0	100								
54.3-55.0 bleached.		54.4-54.8 frequent cp v/ts and streaks 50-70 CA.	54.9											
	55						6582	54.0-57.0	9.0	.17	.005	.005	.04	
Ash Tuff as above, mod. massive banding 65° CA.		Occasional 2-5mm py v/ts 45-70° CA.		3.0	3.1	100								
			57.9											
As above							6583	57.0-60.0	5.0	.13	.04	.005	.03	
		58.8-59.2 irreg py and cp streaks		3.1	3.0	100								
	60													
As above but gradual bleaching with depth.		10/m fine py v/ts 70° CA min. cp.	61.0				6584	60.0-62.0	5.0	.18	.28	.01	.005	
				3.0	3.1	100								
Increased bleaching, cb alt, cb vng.		inc. py-qtz-cb vng, dissem. py.					6585	62.0-63.9	18.0	.31	.15	.06	.07	
		63.9-64.9 qtz-cb w semi-massive py 70° CA.	64.0				6586	63.9-64.9	16.0	.17	.43	.02	.25	
64.9 ANDESITIC DYKE, med brown-grey, small fspar phenoXts.	65						6587	64.9-66.0	2.0	.005	.02	.01	.04	
		5% irreg streaks and stockwk cp w. tet.		3.1	3.0	100	6588	66.0-67.0	28.0	.96	.74	.77	.26	
66.0 ASH TUFF, lt. grey, bleached, cb alt, fractured, stringers qtz-cb.			67.1				6589	67.0-68.0	17.0	.48	2.21	.28	.08	
As above		As above					6590	68.0-69.0	20.0	.38	2.23	.10	.08	
				3.0	3.1	100	6591	69.0-70.0	24.0	.36	.75	.08	.13	
	70													
Decreasing strong bleaching, less fract., flow banding 45° CA		Freq. py v/ts, minor cp and tet decrease with depth.	70.1				6592	70.0-72.0	5.0	.06	.06	.02	.04	
72.4 end cb alt. and bleaching.				3.1	3.1	100								
Ash Tuff – medium greenish grey, massive		Rare stringers py.	73.2				6593	72.0-75.0	1.0	.01	.001	.005	.005	
	75			3.0	3.0	100								
As above		No sulphides	76.2				6594	75.0-78.0	2.0	.01	.02	.005	.04	87TG19 DDH
				3.0	3.0	100								
As above														
78.8-79.2 mod. cb alt.		78.8-79.2 irreg py v/ts.	79.2				6595	78.0-81.0	1.0	.03	.001	.005	.005	
	80													

LITHOLOGY, ALTERATION, MISC.	M.	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
Ash Tuff - as above, massive		Rare py vlts		3.1	3.0	97								
82.5 start bleaching and ab. alt, increase with depth.			82.3				6596	81.0-3.6	7.0	.16	.06	.04	.07	
83.6-85.5 intense qtz-cb alt. grading to massive vng w. depth		Py vlts inc w. depth 70°CA												
Contact 80°CA		83.6-85.5 bks py, min cp, grading to semi-massive near contact.		3.0	3.0	100	6597	83.6-5.5	30.0	.11	.06	.03	.15	
85.5 FELDSPAR PORPHYRY DYKE 1.5cm fspar laths in med. to dk grey andesitic matrix.	85		85.3											
				3.1	3.0	97	6598	85.5-7.0	3.0	.005	.005	.005	.05	
88.7 ANDESITIC DYKE; lt. greenish grey w. 5mm fspar phenoxts.			88.4				N/S							
lower contact 70°CA.	90			3.0	3.0	100								
			91.4				6599	90.5-2.1	1.0	.005	.005	.005	.04	
92.1-93.1 contact vein 50+70°CA		Vein semi-massive py, min. cp in qtz-cb.		3.1	3.0	97	6600	92.1-3.1	93.0	.51	.02	.03	.95	
93.1 ASH TUFF (= Andesitic Tuff?) med grey, fine grained, qtz-cb alt. and fract. near dyke.		Stockwk. fracts w. py dusting and narrow py vlts.	94.5				6601	93.1-5.0	14.0	.26	.005	.005	.04	
	95													
As above, moderatly fractured.		>20/m py vlts 30-40°CA		3.0	3.0	100	6602	95.0-8.0	5.0	.07	.005	.005	.04	
			97.5											
As above, decreased fracturing		20/m py vlts 40°CA min cp.		3.1	3.0	97	6603	98.0-01.0	2.0	.02	.005	.005	.04	
	100	99.4-99.5 irreg. py streaks												
As above, mod. massive			100.6											
		10/m py vlts 45°CA		3.0	3.0	100	6604	101.0-4.0	1.0	.02	.01	.005	.03	
As above		5-10/m py vlts 45°CA	103.6											
	105			2.8	3.0	107	6605	104.0-7.0	2.0	.05	.01	.005	.07	
As above		Occasional py coated fractures.	106.4											
As above		As above		3.2	3.1	97	6606	107.0-0.0	6.0	.05	.005	.005	.16	
	110		109.6											
As above, uniform, massive.		No sulphides		3.0	3.0	100	N/S							
As above		No sulphides.	112.6											
	115			3.1	3.0	97								DDH 87TG19

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	BOX
Ash Tuff, as above, massive, uniform.			115.5 1cm qtz-cb-cp v. 50°CA.	115.7						
			Scattered narrow py vlts 50°CA.		3.1	3.0	97			
As above			Rare py on fracts.	118.8						
	120				3.1	3.1	100			
As above, chloritic fractures			Traces py on fracts	121.9						
As above, massive			No sulphides		3.1	3.0	97			
	125			125.0						
As above			No sulphides		2.4	2.4	100			
127.8 2cm gouge 65°CA				127.4						
As above, massive			No sulphides		3.1	2.9	94			
	130			130.5						
As above, local weak banding 60°CA			No sulphides		3.3	3.1	94			
As above			No sulphides	133.8						
	135				3.1	3.0	97			
As above			135.2 minor py vng 45°CA	136.9						
As above			No sulphides		3.0	3.0	100			
	140			139.9						
As above			141.7-141.8 streaks cp@52		3.1	3.1	100			
As above			No sulphides.	143.0						
					3.0	3.0	100			
144.8-145.1 Fault Gouge 30°CA	145		Minor py in gouge							
145.1 ANDESITIC TUFF; as above, med. to dark greenish grey, minor cb streaks			No sulphides	146.0						
					3.3	3.1	94			
As above			No sulphides							
148.2-150.6 cbalt.	150		Minor py	149.3				N/S		

87TG19 DDH

LITHOLOGY, ALTERATION, MISC.	M.	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au
150.6 ASH TUFF; med. grey, fine grain w. local fine chloritized tuff frags.		10/m hairline py vlts w. poss. f.g. spec. or tet.		3.1	3.1	100	N/S						
			152.4				6607	151.0-4.0	2.0	.01	.01	.005	.08
As above		As above		3.0	3.0	100							
	155		155.4				6608	154.0-7.0	2.0	.005	.11	.05	.12
As above		155.8-156.2 py vng low ∠ CA.		3.1	3.0	97							
As above		Hairline py filled fracts, w. poss. spec. or tet.	158.5				6609	157.0-0.1	2.0	.005	.02	.005	.05
	160			3.0	3.0	100							
160.1-162.0 shatter fracturing in ash tuff as above.		160.1-162.2 dissem. and fine vlts 3% py, tet. or spec., minor sphal.	161.5				6610	160.1-2.0	3.0	.03	.46	.13	.19
Ash Tuff as above, vague banding 45°CA		Scattered narrow fracts w. py, poss. minor tet. or spec.		3.1	3.1	100	6611	162.0-5.0	4.0	.005	.005	.005	.03
	165		164.6										
As above		Occ. narrow vlts py, tr. cp.		3.0	3.0	100	6612	165.0-8.0	2.0	.02	.005	.005	.04
As above		As above, no cp.	167.6										
	170			3.1	3.0	97	6613	168.0-1.0	3.0	.03	.02	.09	.05
Ash Tuff as above, weak cb alt.		169.8 2cm py w. sphal v. 15°CA.	170.7										
		Scattered vlts py with spec (?) 40°CA.		3.0	3.0	100	6614	171.0-4.0	2.0	.02	.03	.01	.08
As above, dec. cb alt.		As above	173.7										
	175			3.1	3.0	97	6615	174.0-7.0	4.0	.07	.08	.04	.10
As above		Inc py vlts to 15/m	176.8										
As above		Dec py vlts		3.0	3.0	100	6616	177.0-0.0	2.0	.005	.005	.005	.03
	180		179.8										
As above		As above		3.1	2.9	94	6617	180.0-3.0	1.0	.005	.05	.02	.03
As above.		182.9-183.0 1cm py w. sphal. v. 20°CA.	182.9										
	185	Narrow py vlts.		3.0	3.1	100	6618	183.0-6.5	3.0	.005	.01	.005	.04

BOX: DDH 87TG19

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
Ash Tuff as above			Rare py vHs	185.9											
186.5-186.6 cb healed br. 40°CA					3.1	2.9	100								
186.6 ANDESITIC TUFF; fine grained, md to dk grey, massive.								6619	186.5-9.5	1.0	.005	.005	.005	.005	
As above			No sulphides	189.0											
	190				3.0	3.1	100								
As above			No sulphides					6620	189.5-1.8	2.0	.005	.005	.005	.04	
191.8 ANDESITIC DYKE; md-dk brown, small mafic and felsic phenoXts.				192.0											
193.0 ASH TUFF; shatter fractured.			Minor py in tuff					6621	191.8-3.0	3.0	.005	.005	.005	.03	
193.8 ANDESITIC DYKE; as above					3.1	3.1	100	6622	193.0-3.8	7.0	.15	.09	.01	.09	
								6623	193.8-4.7	3.0	.005	.005	.005	.02	
194.7 ASH TUFF; as above, shatter fractured.	195		py. cp streaks in tuff	195.1				6624	194.7-6.0	4.0	.09	.03	.005	.09	
196.0 ANDESITIC TUFF; dark grey, fine grained, massive.					2.4	2.3	96	6625	196.0-7.5	1.0	.01	.005	.005	.04	
			No sulphides.	197.5											
As above					2.5	2.5	100								
200.0 END OF HOLE	200			200.0											DDH 87TG 19

DIAMOND DRILL HOLE LOG
TECK CORPORATION

LEGEND

SURVEY (Acid Tube Tests)

Footage	Bearing	Inclination
91.4 m		-47½°
198.1 m		-47°

Property GAUL — Hole No. 87 TG 20
Location Gaul #4 Claims, Goosly Lake Area, BC. (93L/1W) — Bearing at Collar Due E.
Inclination at Collar -45°
Coord. - Collar N 4623.3 — E 7166.1
Length 198.1 m.
Elev. - Collar 1039.6 — Core Size NQ
Date started Dec 5, 1987
Completed Dec 6, 1987 — Logged by A. I. Betmanis

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
OVERBURDEN - cased	25														
25.9 ARGILLITE; very fine grained, black, uniform			Limonite stain on fractures to 33 m.	25.9											
As above				27.4	1.5	0.7	47								
As above	30		Scattered hairline py coatings on fracts.	29.9	2.5	1.5	60								
As above			As above	32.0	2.1	2.0	95								
As above			As above	33.5	1.5	1.5	100								
	35				3.1	1.4	45								
36.1-36.6 Silica Zone (qtz vein?)			Wk jarosik in qtz zone.	36.6				6412	36.1-6.6	4.0	.12	.005	.005	.04	
36.6 CHERT PEBBLE CONGLOMERATE lt. grey 0.5 to 2 cm subrounded chertly pebbles in sandy-silty lt. grey matrix.			Scattered narrow py-cp veinlets with pods. minor fet.	38.1	2.0	1.5	75	6413	36.6-9.2	11.0	.49	.08	.01	.04	
	40			39.6	1.5	1.5	100								
Dec. pebbles near base.			As above.					6414	39.2-1.8	10.0	.86	.02	.005	.12	
41.8 ARGILLITE with narrow interbeds CONGLOMERATE; argillite med. grey at top chng. to fine grained black; cgl. as above.			Scattered irreg. py vlts in arg.		3.1	2.8	90								
Irreg. cb vlts.	45		As above.	42.7	2.1	2.1	100	6415	41.8-5.2	2.0	.06	.01	.005	.04	DDH 87 TG 20
				44.8											

LITHOLOGY, ALTERATION, MISC.	M.	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au
Arg. interbedded with cgl. - as above		As above		3.0	3.0	100	6416	45.2-8.5	1.0	.04	.005	.005	.02
contact 50° CA			47.8										
48.5 CONGLOMERATE - as above 49.5 ASH TUFFS; interbedded med. and lt. grey beds 1-20 cm thick, occ bds w. lap. frags to 1 cm. Bedding 35° CA.	50	48.6-48.7 streaks cp 40° CA 49.3-49.5 semi-massive py w. poss. tet. 40° CA.		2.5	2.6	104	6417	48.5-9.5	24.0	.74	.13	.13	1.38
			50.3										
		Rare py vlts		1.5	1.3	87	6418	49.5-2.0	2.0	.06	.01	.005	.04
			51.8										
As above, bdng chg. to 60° CA.		52.3-52.5 cp streaks 30° to 60° CA		3.1	3.0	97	6419	52.0-4.0	19.0	1.05	.03	.005	.08
	55	53.6-54.0 sil. zone w. cp, tet. patches.	54.9										
As above		No sulphides		3.0	3.0	100	6420	54.0-7.0	6.0	.05	.005	.005	.04
			57.9										
As above		Rare narrow cp streaks		3.1	3.1	100	6421	57.0-0.0	4.0	.07	.02	.01	.07
	60		61.0										
As above		As above		3.0	3.0	100	6422	60.0-3.0	2.0	.07	.005	.005	.04
62.8-63.0 vole. cgl. interbd 60° CA													
As above, inc. lt. grey interbeds.		As above	64.0				6423	63.0-5.7	2.0	.10	.005	.005	.04
	65												
As above		65.7-67.1 streaks cp to 3 cm 60° CA		3.1	3.0	97	6424	65.7-7.1	41.0	4.36	.04	.005	.06
67.4 ASH TUFF; fine grained, lt. grey, massive, silicified and/or bleached, occ. f.g. tuff frags.		67.1-67.4 massive cp	67.1										
		Narrow streaks py, cp		2.4	2.4	100	6425	67.1-9.5	143.0	9.93	.12	.02	.18
		69.3-69.5 semi massive py w. cp, qtz-cb 45° CA	69.5										
	70												
As above		10-15/m narrow py streaks, minor cp.		3.0	3.1	100	6426	69.5-2.0	7.0	.33	.01	.005	.08
			72.5										
As above but changing to more medium greenish grey.		Scattered py vlts.											
		73.8 2cm py v. 70° CA		3.1	3.0	100	6427	72.0-5.0	3.0	.20	.01	.005	.03
	75												
As above		75.7 5cm qtz-cb-py 80° CA	75.6				6428	75.0-8.0	9.0	.40	.02	.005	.05
				3.0	3.1	100							
As above, sl. more chloritic.		Dec. py vlts to rare.	78.6										
	80						6429	78.0-1.0	2.0	.09	.01	.005	.02

BOX: 001 BTTG20

LITHOLOGY, ALTERATION, MISC.	M.	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au
				2.5	2.5	100							
Ash Tuff, as above, dec. chl. alt.		Occ. scattered qtz-cb-py v/ts mainly 70°CA. minor cp.	81.1										
				1.2	1.0	83	6430	81.0-4.0	3.0	.12	.01	.005	.03
As above		As above	82.3										
				3.0	3.0	100							
As above	85	As above	85.3				6431	84.0-7.0	5.0	.14	.01	.005	.02
				3.1	3.0	97							
As above		87.3-87.6 qtz-cb-py w. cp vng 55°CA.	88.4				6432	87.0-0.0	17.0	.43	.01	.005	.09
	90	scattered py v/ts.		3.0	3.0	100							
As above		5-10/m py, occ. cp v/ts.	91.4				6433	90.0-3.0	4.0	.15	.005	.005	.05
91.5-92.1 qtz-cb alt.		91.6 qtz-cb-py vng 50°CA		3.3	3.0	100							
As above w. sl. inc qtz-cb alt.		Inc vng to ~ 20/m					6434	93.0-6.0	16.0	.57	.20	.01	.05
	95		94.7										
As above, variable qtz-cb alt.		95.2 4cm cp-sph v 60°CA		2.8	3.0	100	6435	96.0-8.0	2.0	.04	.04	.005	.03
		5-10/m py v/ts.	97.5										
98.8 inc. qtz-cb vng.		Inc py vng.		3.1	3.0	100	6436	98.0-9.6	7.0	.22	.03	.01	.03
99.6 SILICA ZONE, possible qtz-w. cb megavein	100	99.6-102.0 patches massive py w. sph., min cp in qtz v. material. 15% sulphides.	100.6				6437	99.6-2.0	25.0	.46	17.50	.15	.005
				3.0	3.0	100	6438	102.0-3.3	4.0	.02	.02	.01	.02
102.0 ANDESITIC DYKE; fine grained, med-dk grey, fine fspar phenoxts, lower contact @ 0°CA.							6439	103.3-4.0	57.0	2.18	.03	.01	.06
103.3 ASH TUFF; fine grained, lt. grey, qtz-cb alt. decreasing with depth, change to med-lt. grey Ash Tuff.		103.3-103.6 strong sil. w. semi-massive cp-py.	103.6										
	105			3.1	3.1	100	6440	104.0-7.0	3.0	.18	.005	.005	.005
As above		Scattered hairline py v/ts.	106.7										
				3.0	3.0	100	6441	107.0-0.0	1.0	.10	.005	.02	.02
As above		Dec py	109.7										
	110			3.1	3.1	100	6442	110.0-3.0	3.0	.16	.005	.005	.04
110.4-111.1 increased qtz-cb alt.		Rare py v/ts.	112.8										
As above													
		No sulphides.		3.0	3.0	100	6443	113.0-6.0	3.0	.11	.005	.005	.005
114.6-116.1 patchy cb alt.	115												

BOX: DDH 87TG20

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
Ash Tuff: as above, fine grained, light grey.				115.8											
			117.0 inc narrow py v/ts to ≥ 20/m.		3.1	3.0	100	6444	116.0-9.0	9.0	.33	.01	.005	.03	
As above			118.6-118.8 qtz-cb-py vng. with 10-20/m py v/ts below.	118.9											
	120				3.0	3.1	100	6445	119.0-20	7.0	.20	.02	.01	.05	
As above			121.9-122.0 4cm py v. 45°CA	121.9											
As above			15-20/m py v/ts 45-50°CA		3.1	3.1	100	6446	122.0-5.0	6.0	.19	.01	.005	.13	
	125			125.0											
As above but chg. to more massive and uniform, med-lt. greenish grey.			As above		3.0	3.0	100	6447	125.0-8.0	4.0	.09	.005	.005	.04	
As above			As above	128.0											
	130				3.1	3.0	97	6448	128.0-1.0	2.0	.07	.01	.005	.03	
As above			As above	131.1											
As above, but sl. bleached.			As above		3.0	3.0	100	6449	131.0-4.0	6.0	.05	.005	.005	.06	
135.5-135.8 irreg. qtz-cb alt.	135			134.1											
As above			As above		3.1	3.0	100	6450	134.0-7.0	5.0	.15	.005	.005	.03	
As above			138.5-138.7 stockwk of py v/ts.	137.2											
					3.0	3.1	100	6451	137.0-0.2	16.0	.46	.005	.005	.04	
140.2 start clay alt, chg to qtz-cb alt.	140		140.2 inc. py v/ts to py stwk. 40 edge of dyke	140.2											
					3.1	2.9	94	6452	140.2-2.2	13.0	.38	.03	.02	.06	
142.2 FELDSPAR PORPHYRY DYKE; med. grey, 0.5 to 1.5 cm fspar phenoxts				143.3				6453	142.2-5.4	4.0	.02	.005	.005	.02	
	145				3.0	2.9	100								
145.4 ASH TUFF; fine grained, lt. grey, qtz-cb alt. and bleached, fract.			Frequent py v/ts and small py patches below dyke to 150.8	146.3				6454	145.4-8.1	7.0	.17	.005	.005	.03	DDH 87TG20
As above					3.1	3.2	100								
	150			149.4				6455	148.1-0.8	4.0	.005	.005	.005	.03	

LITHOLOGY, ALTERATION, MISC.	M.	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
150.8 DYKE; fine grained, light brownish grey to buff, w. 2-4 mm fspar phenoXts; contacts 70° and 80° CA.				3.0	3.1	100								
			152.4				6456	150.8-3.3	2.0	.005	.005	.005	.04	
153.3 ANDESITIC TUFF; fine grained, med greenish grey, massive, vague banding 60° CA.				3.0	2.8	100								
	155	No sulphides unless noted.	155.4				6457	153.3-6.0	2.0	.06	.005	.005	.02	
As above				3.1	3.1	100	N/S							
As above			158.5											
	160			3.0	3.1	100								
As above			161.5											
161.9-162.3 cb alt		162.1 0.5cm qtz-cb-py 75°CA		3.1	3.1	100								
As above, mod. chloritic														
	165		164.6											
As above				3.0	3.0	100								
166.5 good banding 40° CA.														
As above, chg. to darker grey.		167.7-168.0 hairline py filled fracts 60° CA	167.6											
	170			3.1	3.0	100								
As above			170.7											
As above				3.0	3.1	100								
			173.7											
	175			3.1	2.9	97								
As above, massive, very uniform, med. greenish grey to dk. grey.			176.8											
As above				3.0	3.1	100								
	180		179.8											
As above but chg. to predom. med. greenish grey				3.1	2.9	94								
As above			182.9											
	185	184.8-185.0 qtz-cb-py 45°CA		3.0	2.9	97								DDH 87TG 20 BOX

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	BOX
Andesitic Tuff - as above			185.0-186.1 minor py dusting on fracts. 186.1-186.4 2% py diss. and veinlts, minor cp 187.0-187.3 py veining to 0.5 cm thick 35° CA. 187.3-192.5 2mm py vlts w. rare cp 35-40° CA approx 10/m.	185.9						
As above					3.1	3.1	100			
	190			189.0						
As above			10/m py vlts		3.0	3.1	100			
				192.0						
As above but chg. to mod. greenish grey			Rare hairline py vlts predom 45° CA		3.1	3.0	100			
	195			195.1						
As above			As above		3.0	3.0	100			
198.1 END OF HOLE				198.1						
	200									
										DDH 87TG20

DIAMOND DRILL HOLE LOG
TECK CORPORATION

LEGEND

SURVEY (Acid Tube Tests)

Footage	Bearing	Inclination
57.9m		-43½°
182.9m		-45½°
200.3m		-45°

Property: GAUL — Hole No.: BTTG 21
Location: Gaul #3 Claim, Goosly Lake Area, BC (93L/1W) — Bearing at Collar: Due E
Inclination at Collar: -45°
Coord. - Collar N 4725.5, E 7197.4 — Length: 200.3 m.
Elev. - Collar: 1050.9 — Core Size: NQ
Date started: Dec. 6, 1987
Completed: Dec. 8, 1987 — Logged by: A.I. Betmanis

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
OVERBURDEN – cased	15														
15.2 ASH TUFF; fine grained, med. grey, frequent clkyey fracts.			Scattered py v/ts	15.2											
As above			No limonite		3.1	2.7	87								
			As above	18.3											
(20.0) Interbedded Ash Tuffs and Dust Tuffs, light to med. to dk grey, some lt. greenish beds; partly distorted laminae bdg 55° CA thickening w. depth	20				2.1	2.1	100								
			Scattered py v/ts (1-2/m) mainly opaque to bdg.	20.4											
As above					2.8	2.8	100	6458	20.0-3.0	3.0	.08	.02	.02	.02	
			23.2-24.2 cp stringers	23.2											
			24.4-25.2 irreg. qtz v/s with minor cp.	24.4	1.2	1.1	92	6459	23.0-6.0	22.0	1.06	.01	.005	.03	
	25		25.8-26.0 semi-massive py-cp with qtz.		3.0	3.0	100								
26.0 ASH TUFF; med to lt. grey with fine chloritized frags., v laglue bdg 45° CA.			>20/m py w some cp, poss tet. v/ts.	27.4				6460	26.0-9.0	25.0	1.07	.01	.005	.03	
			27.7 qtz-py-cp in 5cm gouge 60° CA.		3.1	3.0	100								
As above	30														
			20/m v/ts py, some cp, irreg. patches py.	30.5				6461	29.0-2.0	11.0	.31	.005	.005	.02	
					3.0	3.1	100								
Increasingly massive			As above	33.5				6462	32.0-5.0	6.0	.16	.05	.02	.05	
33.5-36.1 dk purplish grey argillic interbed with gradational contacts	35		stwk py v/ts in argillic bed.		3.1	3.1	100								
				36.6											

BTTG 21 DDH

LITHOLOGY, ALTERATION, MISC.	M.	MINERALIZATION	RECOVERY Run	Run length	Core	%	Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au
36.1 ASH TUFF; med. grey, local sec's dark grey, mod. massive, upper contact gradational.		Scattered py vlts dec. w. depth.	36.6				6463	35.0-8.0	16.0	.27	.18	.06	.14
As above		As above		3.0	3.0	100							
As above	40		39.6				6464	38.0-1.0	1.0	.02	.005	.005	.03
As above, increasingly massive.		Rare py vlts.		3.1	3.0	97	6465	41.0-3.0	1.0	.11	.005	.005	.04
20cm gouge 70°CA at contact. 43.0 ASH TUFF; fine grained lt. grey, qtz-cb alt. bleached.		43.0-43.3 semi-massive py w. cp followed by frequent streaks and v's py, some cp.	42.7										
				3.0	3.0	100	6466	43.0-5.0	39.0	1.74	.02	.005	.08
As above, frequent cb vlts and patches	45	45.8-46.1 irreg cb-py vng and patches.	45.7				6467	45.0-8.0	16.0	.66	.01	.005	.05
		20/m py vlts		3.1	3.0	100							
As above, gradual dec. cb banding 60°CA.		10-20/m py vlts min cp.	48.8				6468	48.0-1.0	8.0	.46	.005	.005	.05
	50			3.0	3.1	100							
As above		5-15/m py vlts min cp.	51.8				6469	51.0-4.0	7.0	.51	.005	.005	.06
As above		As above		3.1	3.0	100							
	55		54.9				6470	54.0-6.0	4.0	.18	.005	.005	.05
As above, more massive banding 70°CA		Dec py vlts.		3.0	3.1	100	6471	56.0-8.0	7.0	.32	.01	.005	.02
57.3 start qtz-cb alt.			57.9				6472	58.0-8.5	39.0	.36	.02	.03	.23
58.5 ASH TUFF; strong cb alt. 59.3-59.5 lap. frags. to 1cm.		58.0-58.5 qtz-cb-py v. 60°CA.		3.1	3.0	100	6473	58.5-1.0	6.0	.24	.01	.005	.03
	60												
As above, interbedded fine and med grained ash tuffs 60°CA.		61.1 8cm qtz-cb-py 45°CA 61.1-61.3 stringers py, cp.	61.0										
				3.0	3.1	100	6474	61.0-4.0	5.0	.16	.07	.005	.03
As above		Rare streaks py	64.0										
	65												
As above		65.7-66.0 cp streaks 45°CA		3.1	3.1	100	6475	64.0-7.0	12.0	.84	.01	.005	.03
		Scattered py vlts.	67.1										
contact 30°CA 69.5 CHERT PEBBLE CONGLOMERATE	70	As above.		3.0	3.0	100	6476	67.0-9.6	11.0	.18	.02	.07	.07

BOX: DDH 87TG21

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
69.5 CHERT PEBBLE CONGLOMERATE; 0.5 to 1.5 cm sub-rounded siliceous off-white w. occ. black pebbles in med. grey matrix; massive.			1% finely diss py, tr cp, occ py filled fracts.	70.1	3.0	3.0	100	6477	69.6-72.2	3.0	.08	.03	.01	.005	
As above			As above	73.1	3.1	2.9	94	6478	72.2-74.7	0.1	.02	.07	.02	.005	
74.7 ANDESITIC DYKE; med. brownish grey with rounded 3mm felsic phenoxts; chilled contacts.	75		No sulphides	76.2				6479	74.7-76.0	0.1	.01	.01	.005	.03	
As above					3.0	3.1	100	N/S							
As above	80			79.2											
					3.1	3.0	100								
82.0 CHERT PEBBLE CONGLOMERATE as above with less crowded pebbles				82.3				6480	81.0-82.0	1.0	.02	.02	.005	.005	
			Minor py dusting on fracts, narrow py stringers		3.0	3.0	100	6481	82.0-84.5	0.1	.04	.005	.005	.03	
As above	85		As above	85.3				6482	84.5-87.1	2.0	.05	.005	.005	.03	
87.1 ASH TUFF; fine grained, med. greenish grey, massive with scattered hairline cb vlts.			>5/m narrow py vlts.		3.1	3.1	100								
			89.0 1cm cp v 40°CA.	88.4				6483	87.1-90.0	4.0	.28	.01	.005	.04	
As above	90		As above		3.0	3.0	100								
				91.4				6484	90.0-93.0	0.1	.02	.005	.005	.02	
As above			Dec py vlts		3.1	3.1	100								
				94.5				6485	93.0-96.0	3.0	.04	.005	.005	.02	
As above	95		No sulphides		3.0	3.0	100								
				97.5				6486	96.0-99.0	4.0	.16	.005	.005	.03	
As above			98.4-98.9 frequent py v/ts 40°CA		3.1	3.1	100								
	100		98.9-99.0 st. qtz-cb-py-cp vng 40°CA.					6487	99.0-102.0	4.0	.11	.005	.005	.03	
101.1-101.2 clay-cb gouge 70°CA			py in gouge	100.6											
					3.0	3.0	100								
As above			No sulphides	103.6				6488	102.0-105.0	2.0	.02	.005	.005	.03	
	105				2.5	2.5	100								DDH 87TG21

LITHOLOGY, ALTERATION, MISC.	M.	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
Ash Tuff - as above		105.7-106.5 narrow py vlts.	106.1				6489	105.0-8.0	6.0	.29	.005	.005		
As above		No sulphides		3.6	3.5	97								
	110		109.7				6490	108.0-1.0	3.0	.07	.005	.005		
110.4 start sl. more bleached, inc cb vlts.		10/m narrow py vlts 50°CA		3.0	3.0	100								
		111.9 3cm qtz-cb-py v. w. min cp, tet 35°CA					6491	111.0-4.0	4.0	.08	.01	.005		
As above, inc. bleaching.		20/m narrow py vlts	112.7											
	115			3.1	3.0	97	6492	114.0-5.8	4.0	.17	.03	.01		
		115.8-116.6 macrovein qtz-cb-semimassive py some bx w. tet, min cp 45°CA.	115.8				6493	115.8-6.6	6.0	.04	.01	.11		
116.6 Ash Tuff; lt. grey, bleached, qtz cb alt., fine chl. tuff frags.				3.1	3.0	97	6494	116.6-9.3	6.0	.18	.31	.02		
As above		Frequent irreg. py vlts	118.9											
	120			3.0	3.0	100								
As above		>20/m py vlts					6495	119.3-2.0	7.0	.27	.05	.02		
			121.9											
As above		Inc py vlts		2.5	2.5	100	6496	122.0-4.7	15.0	.37	.25	.04		
	125		124.4											
As above		Frequent py vlts, dissem. py.		3.0	3.0	100	6497	124.7-7.3	8.0	.14	.23	.07		
		127.3-128.4 qtz-cb v. 60° w. streaks py, min tet.	127.4				6498	127.3-8.4	4.0	.13	.005	.005		
As above, strongly fract.		Frequent py vlts, minor cp.		2.1	2.1	100	6499	128.4-0.0	12.0	.47	.005	.005		
	130		129.5											
As above		As above, predom 60°CA		1.5	1.5	100								
			131.0				6500	130.0-2.5	47.0	.54	.04	.005		
As above				2.5	2.4	100								
		Veining thickens to 3cm qtz-cb-py, minor cp. pass tet 50-65°CA	133.5				6501	132.5-5.0	39.0	.23	.02	.005		
	135			1.8	1.8	100								
Contact w. dyke bx'd. 65°CA			135.3				6502	135.0-5.8	0.5	.01	.005	.005		
135.8 Andesitic Dyke; brownish grey, small rounded felsic and matic phenoxts.				1.9	1.8	95	6503	135.8-7.0	5.0	.03	.69	.03		
137.4 Felsic Dyke; light greenish grey to buff, 3mm. felsic phenoxts.		No sulphides	137.2											
				3.0	3.1	100	N/S							
	140													

BOX: 87TG 21 D D I

LITHOLOGY, ALTERATION, MISC.	M.	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
140.2 FELDSPAR PORPHYRY DYKE; med. grey, 1cm fspar laths			140.2				N/S							
				3.1	3.0	97								
Contact 70° CA							6504	142.0-3.4	1.0	.005	.06	.01	.04	
143.4 Ash Tuff; light grey changing to med greenish grey,			143.3											
	145	Upper contact area w. qtz-cb-cp stringers, minor tet.		3.0	3.0	100	6505	143.4-5.0	11.0	.17	2.17	.27	.08	
Ash Tuff, med. greenish grey.		20/m py vlts	146.3				6506	145.0-8.0	6.0	.05	1.28	.46	.13	
		146.6-147.0 irreg streaks tet. w. py vlts.		3.1	3.0	100								
As above		Frequent irreg narrow py vlts.												
	150		149.4				6507	148.0-1.0	4.0	.07	.02	.005	.09	
As above		Hairline py vlts, diss py ~3%, min cp, poss tet.		3.0	3.1	100								
			152.4				6508	151.0-4.0	1.0	.03	.005	.005	.02	
As above		Hairline py vlts, minor diss py.		3.0	3.0	100								
155.8-156.5 inc. cb alt, bleaching.	155		155.4				6509	154.0-6.5	5.0	.09	.23	.05	.08	
156.5 0.2 m fault gouge 80° CA.		Inc qtz-cb-py vng to F.Z.												
156.7 Ash Tuff; fine grained, dk. grey changing to bleached lt grey at approx 158.9		Rare py vlts below F.Z.		3.1	3.1	100	6510	156.5-8.9	3.0	.01	.03	.005	.01	
			158.5											
	160	159.5-160.2 qtz-cb vng w. patches cp 75° CA		3.1	3.0	100	6511	158.9-1.3	3.0	.65	.005	.005	.03	
Ash Tuff, light grey, bleached.			161.6											
		Frequent qtz-cb-py vlts.		3.0	3.1	100	6512	161.3-3.7	4.0	.47	.005	.005	.03	
163.7 Andesitic Dyke; med-lt brn-gray, rounded fine felsic phenoxts.							6513	163.7-4.7	1.0	.01	.005	.005	.01	
164.7 Ash Tuff; light grey, bleached, changing to mid grey with bleaching next to fracts and qtz-cb v's.	165		164.6				6514	164.7-7.0	2.0	.21	.005	.005	.01	
		10-15/m qtz-cb-py vlts 45°CA to 3mm thick.		3.0	3.0	100								
As above		As above, inc py w. depth.	167.6				6515	167.0-0.0	1.0	.29	.005	.005	.02	
	170			3.1	3.0	97								
170.8-173.5 strongly bleached.		Blebs cp just above F.Z.	170.7				6516	170.0-3.0	1.0	.18	.005	.005	.01	87TG21 0001
171.2-171.7 Fault Zone gouge 25° CA				3.0	3.0	100								
Ash Tuff, as above		10-15/m qtz-cb vlts w. sbs py, some cp.	173.7				6517	173.0-6.0	1.0	.19	.005	.005	.03	
	175													

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
Ash Tuff - as above - mod to dk grey, bleached next to fracts			10-15/m qtz-cb vlts, acc bbs py.	176.8											
								6518	176.0-9.0	2.0	.28	.005	.005	.01	
As above			As above, vng. mainly 25°CA.		3.0	3.0	100								
	180			179.8											
As above			5-10/m py vlts, 25°CA.					6519	179.0-2.0	0.5	.09	.005	.005	.01	
					3.1	3.0	97								
As above			As above	182.9				6520	182.0-5.0	0.5	.09	.005	.005	.01	
					3.0	3.0	100								
	185														
As above, banding (pass. bleached at fracts) 40°CA			5/m qtz-cb-py vlts 40°CA minor cp on fracts.	185.9				6521	185.0-8.0	1.0	.06	.005	.005	.02	
					2.2	2.2	100								
As above			>20/m py vlts 40°CA	188.1											
	190							6522	188.0-1.0	1.0	.17	.005	.005	.02	
					3.0	3.0	100								
As above, inc. uniform.			15-20/m py vlts	191.1											
								6523	191.0-4.0	1.0	.07	.005	.005	.01	
As above			As above		3.1	3.1	100								
	195			194.2											
As above			As above					6524	194.0-7.0	1.0	.12	.005	.005	.03	
					3.0	3.0	100								
As above				197.2											
			As above												
199.4-199.8 lap tuff or bx 40°CA			15% py in bx.		3.1	3.0	97	6525	197.0-0.3	1.0	.06	.005	.005	.15	
	200														
200.3 END OF HOLE				200.3											

87TG21 001

DIAMOND DRILL HOLE LOG
TECK CORPORATION

LEGEND

SURVEY (Acid Tube Tests)

Footage	Bearing	Inclination
94.2 m		-43½°
189.0 m		-46½°

Property GALIL — Hole No. 87TG22
Location Gaul #4 Claim — Bearing at Collar Due E
Goosly Lake Area, B.C. (93L/1W) — Inclination at Collar -45°
Coord. - Collar N 4522.4
E 7166.0 — Length 189.0 m.
Elev. - Collar 1034.8 — Core Size NQ
Date started Dec. 8, 1987
Completed Dec. 9, 1987 — Logged by A.I. Betmanis

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
OVERBURDEN – cased.															
44.2 ARGILLITE; fine grained, black, schistose or laminar bdg 40°CA	45			44.2											
As above			Weak hematitic lim stain on fracts.	45.7	1.5	0.3	20								
As above			As above	48.5	2.8	0.7	25								
	50			49.4	0.9	0.6	67								
As above			As above		2.4	1.6	67								
52.2 Fault, clayey gouge 65°CA w. minor qtz-cb.				51.8											
54.4 ARGILLITE; predom. black with med grey silty interbeds, laminar bdg 50°CA			As above		3.1	1.4	45	6371	52.2-54.4	5.0	.04	.005	.005	.005	
As above	55		Stockwk. irreg 1mm to 1cm qtz-cb-py vlts oposite bdg, predom 60°CA	54.9											
					3.0	2.9	97	6372	54.4-57.0	5.0	.02	.01	.005	.005	
58.3 increasing silty interbeds to 2.5 cm thick (Ash Tuff?)			57.7-57.8 qtz-cb-py vng 60°CA. 58.0 dec qtz-cb-py vlts to 10/m, dec. py.	57.9	2.5	1.9	76	6373	57.0-60.0	5.0	.03	.02	.01	.06	
As above	60		As above	60.4	1.5	1.5	100	6374	60.0-63.0	5.0	.005	.02	.005	.005	
As above			64.2-66.0 frequent 1cm py w. minor qtz-cb vns 35°CA oposite bdg, graphitic fracts.	61.9	2.1	1.8	86								
	65			64.0	3.1	2.9	94	6375	63.0-66.0	3.0	.04	.07	.02	.11	

87TG22 DDH

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
Argillite interbedded with ash tuffs as above			66.0 dec py v/ts to 2-3/m, freq. hairline qtz-cb v/ts.	67.1				6376	66.0-9.0	4.0	.005	.07	.005	.03	
68.8 tuff beds thicken to 5cm, bdg 70°CA; tuffs sl. coarser grained w. depth.	70		As above		3.0	3.0	100								
As above			As above	70.1				6377	69.0-2.0	2.0	.005	.01	.005	.005	
			72.0-74.2 frequent 2mm to 1cm py v/s, diss py in tuff beds		3.1	2.9	97								
74.2 Andesitic Dyke; brownish grey, fine fsper phenoxts., contacts 40 and 50° CA.				73.2				6378	72.0-4.2	6.0	.16	.04	.01	.10	
75.8-76.3 Breccia crowded angular frags.	75		75.0-75.3 irreg. tuff incl. w. 5% py		3.0	3.1	100	6379	74.2-5.8	10.0	.04	.005	.01	.09	
76.3 ASH TUFF; mid greenish grey, scc's with chloritic frags to 3mm, banding 40°CA, irreg hairline cb v/ts.			10% sulphides py:cp = 10:1 in bx	76.2				6380	75.8-6.3	25.0	.53	.45	.04	2.69	
77.0-78.1 sl. clayey fracturing.			No sulphides below bx.		2.4	2.3	96	6381	76.3-8.3	6.0	.06	.94	.02	.14	
				78.6				6382	78.3-0.3	1.0	.01	.05	.005	.05	
80.3-82.0 more sil, inc fracturing minor bx 81.2-81.4.	80		80.3-82.0 frequent irreg v/ts w. py, some cp and tet.		3.1	3.1	100								
82.0 Ash Tuff as above, inc massive with depth, lt. grey, mod sil.				81.7				6383	80.3-2.0	16.0	.34	.01	.02	.53	
As above			5-10/m py w. qtz-cb v/ts to 87.4		3.0	3.0	100	6384	82.0-5.0	3.0	.08	.13	.005	.18	
	85			84.7											
As above			As above		3.1	3.1	100	6385	85.0-8.0	3.0	.13	.03	.005	.14	
As above			Minor py v/ts.	87.8				6386	88.0-0.0	1.0	.04	.005	.005	.06	
					3.3	3.0	100								
	90		90.0-91.1 inc py to strongest at 91.0 w. cp.					6387	90.0-1.1	5.0	.16	.005	.005	.11	
90.8-91.1 sil. fracturing				91.1											
91.1 Ash Tuff as above			91.1-92.7 25/m narrow py, some cp v/ts.					6388	91.1-2.9	3.0	.08	.17	.02	.12	
92.9-93.4 bx w. sulphides in matrix.			92.7-93.6 sl. py, lesser cp vng, semi-massive py-cp w. sph at 92.9-93.2		3.1	3.1	100	6389	92.9-3.6	88.0	2.54	.24	.09	.72	
			93.6-94.8 frequent py v/ts.	94.2				6390	93.6-5.0	4.0	.08	.02	.005	.10	
94.8 ASH TUFF (or Andesitic Tuff?) similar to above, less siliceous, more massive, mid greenish grey acc scc's & fine chl. tuff frags	95		5/m py v/ts.		3.0	3.3	100	6391	95.0-8.0	2.0	.03	.09	.01	.07	
				97.2											
As above			<5/m py v/ts.		3.1	2.8	90	6392	98.0-1.0	6.0	.09	.02	.02	.05	
	100														87TG22 0 0 I

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	% Au	BOX
Ash Tuff - as above			100.1 3mm cb-cp v 30°CA.	100.3											
			5/m py v/lt dec w. depth		3.0	2.9	97								
				103.5				6393	101.0-4.0	1.0	.02	.02	.005	.06	
As above			103.6 inc py v's ~5/m from 05 to 1cm thick.		3.0	3.0	100								
104.6-106.3 as above but darker grey, prob. chloritic.	105							6394	104.0-6.9	5.0	.15	.04	.005	.06	
106.5 Ash Tuff; med to lt. grey, fract.			106.5 inc py w. depth to semi-massive w. cp at 106.9-107.0 & 107.7-107.9	106.5											
107.9 Ash Tuff; as before but st. chl., dk grey, chl. dec to uniform grn-grey by 111.5			107.9-110.0 frequent 2mm to 8mm py v's 35°CA		3.2	2.9	91	6395	106.9-7.9	74.0	3.53	.005	.06	.13	
	110							6396	107.9-1.0	6.0	.15	.26	.04	.15	
Ash Tuff, med grn-grey, fine chl. tuff frags banded 40°CA.			py coatings occ fracts	109.7											
					3.1	3.0	97								
As above			113.4 occ py v/lts inc to frequent.	112.8				6397	111.0-3.5	8.0	.21	.41	.03	.10	
114.9 Breccia - angular crowded frags.					3.0	2.6	87	6398	113.5-4.9	29.0	.48	.03	.06	.07	
115.4 FELDSPAR PORPHYRY DYKE med grey with 05 to 2cm fspar laths.	115		Semi-massive py-cp-tet in bx matrix.					6399	114.9-5.4	129.0	3.10	.05	.74	.54	
				115.8				6400	115.4-7.0	5.0	.09	.11	.03	.14	
Contact 60°CA					3.1	2.9	94								
118.6 ANDESITIC DYKE; lt. greenish grey, 2-5mm fspar phnoxts.				118.9				N/S							
	120														
120.7 BRECCIA; angular lt. grey tuff frags in med grey matrix.			5-7% patches and diss py + cp in matrix.		3.0	3.0	100	6401	119.5-0.7	1.0	.01	.05	.005	.06	
				121.9				6402	120.7-3.0	38.0	.53	.13	.24	.69	
123.0 ASH TUFF; lt. grey, mod. sil., mod. fract.			≥ 1/cm py stwk fracts		3.1	3.0	100	6403	123.0-5.0	30.0	.28	.005	.09	.10	
	125			125.0											
As above			py on fracts predom 60°CA		3.0	3.1	100	6404	125.0-6.9	13.0	.23	.05	.03	.06	
			126.9-127.0 40% semi-mass py; 127.0-127.6 stng. cp					6405	126.9-7.8	55.0	1.85	.005	.06	.13	
127.8-128.0 narrow lt. br. f.g. DYKE 85°CA			127.6-127.8 40% py v cp	128.0											
128.0 SILICA ZONE or macrovein			128.0-130.1 10% bbs and patches py.		3.1	3.0	100	6406	127.8-0.1	10.0	.14	.005	.005	.23	
130.1 ASH TUFF; fine grained lt. grey, siliceous, scattered fine tuff frags, banding 50°CA.	130		Stockwk py v/lts min cp	131.1				6407	130.1-2.0	11.0	.49	.005	.005	.02	
					3.0	3.1	100	6408	132.0-3.7	8.0	.20	.02	.005	.04	
133.7 ANDESITIC TUFF; f.g., med grn-gr occ. fine tuff frags, massive.			Be/pw 133.7 rare py v/lts in fracts.	134.1				6409	133.7-6.0	3.0	.03	.01	.005	.02	
	135														DDH 87TG22

LITHOLOGY, ALTERATION, MISC.	M.	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
Andesitic Tuff – as above, dec fine tuff frags w. depth.		Rare narrow py v/ts.		3.1	3.1	100								
			137.2				6410	136.0-8.5	1.0	.005	.01	.005	.03	
As above		No sulphides		3.0	3.0	100								
	140		140.2				6411	138.5-1.1	3.0	.005	.005	.005	.005	
141.1 ANDESITIC DYKE; f.g. mod grn-gr fine fspar phenoxts, contacts 55°CA		No sulphides		3.1	3.1	100								
142.2 ANDESITIC TUFF; as above, med. greenish grey, massive		No sulphides unless noted.	143.3				N/S							
145.3 start frequent fine chl. tuff frags	145			3.0	3.0	100								
Andesitic tuff, as above, massive			146.3											
As above				3.1	3.1	100								
	150		149.4											
150.6 top of s/. coarser andesitic tuff grading down to and. tuff as before.				3.0	3.0	100								
151.2-151.8 clayey fracts.		152.4-152.5 min py on fracts	152.4											
Andesitic tuff as above, massive				3.0	3.0	100								
	155		155.4											
As above				3.1	3.1	100								
			158.5											
158.6 banding 45°CA.	160			3.0	3.0	100								
161.5-169.5 mottled chl. alt.			161.5											
As above, massive, uniform.				3.1	3.1	100								
165.4-166.4 local fine chl. tuff frags.	165		164.6											
As above				3.0	3.0	100								
168.3 1cm gouge 75°CA			167.6											
168.3-168.9 banded 40°CA, s/. sil.	170			3.1	3.1	100								

DDH 87TG22

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	BOX
Andesitic Tuff, f.g., med grn-gr, occ rare fine tuff frags., massive			No sulphides unless noted.	170.7						
					3.0	3.0	100			
As above				173.7						
	175				3.1	3.1	100			
As above			176.3 3mm qtz_2-cb vlts w. cp 50°CA.	176.8						
As above			178.2 5cm py v. w. minor cp 45°CA		3.0	3.0	100			
	180			179.8						
As above					3.1	3.1	100			
As above			183.0 4mm py v 45°CA	182.9						
	185		184.4-185.4 20/m 1-2mm py vlts 60°CA		3.0	3.0	100			
As above			185.4-185.5 semi-massive py vng w. min cp 45°CA	185.9						
186.8-187.2 contorted banding					3.1	3.1	100			
As above				189.0						
189.0 END OF HOLE	190									DDH 87TG 22

DIAMOND DRILL HOLE LOG
TECK CORPORATION

LEGEND

SURVEY (Acid Tube Tests)

Footage	Bearing	Inclination
79.2m		-41°
164.6m		-42½°

Property GAUL — Hole No. 87 TG 23
Location Gaul #3 Claim — Bearing at Collar Due E
Goosly Lake Area, BC. (93L/11W) — Inclination at Collar -45°
Coord. - Collar N 4790.1
E 7268.9 — Length 164.6 m
Elev. - Collar 1067.2 — Core Size NQ
Date started Dec 9, 1987
Completed Dec 11, 1987 — Logged by A.I. Bertmanis

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
OVERBURDEN – cased.															
18.3 ASH TUFF; fine grained, med grey.				18.3											
As above	20		Weak limonite stain on fracts to 26.0		3.0	0.3	10								
				21.3											
				22.3	1.0	0.3	30								
Gradational contact			As above		0.9	0.4	44								
23.5 ARGILLITE; fine grained, black, hair line cb veinlets.				23.2											
	25				2.4	1.3	54								
As above			Pyrite dusting on fracts.	25.6											
					2.1	0.9	43								
As above				27.7											
					2.8	1.3	46	6526	27.7-29.3	2.0	.005	.05	.005	.005	
29.3 ASH TUFF; med. grey, cb alt, bx at top, gradational lower contact.			29.3-29.8 py-cp-cb vng 40°CA, minor cp vng to 30.5.					6527	29.3-30.5	37.0	1.55	.01	.005	.06	
30.5 ARGILLITE, black, f.g. as above	30			30.5											
31.2 LAPILLI TUFF; 1cm lap. frags. in med. fine matrix, minor interbedded blk. argillite					3.0	1.8	60	6528	30.5-33.5	2.0	.03	.01	.005	.005	
33.5 INTERBEDDED ASH TUFFS and ARGILLITE; med and dark grey ash tuffs with interbedded arg. 70-80°CA Argillik dec. with depth. 35.0 clayey gouge.				33.5											
	35				3.1	2.7	87	6529	33.5-36.6	10.0	.33	.005	.005	.03	
Interbedded ASH TUFFS 70°CA.			35.0-38.1 erratic irreg. stringers py, patches cp and sphal, narrow py vlts 45°CA.					6530	36.6-37.5	23.0	.24	1.41	.87	.31	
As above 38.1 more massive, thin bedded ash tuffs 65°CA. 39.5-40.9 interbedded ash tuffs and f.g. chert pebble cgl. w. pebbles to 3mm diameter.	40		10/m py vlts w. min. cp dec. w. depth.	39.6	3.0	2.5	83	6531	37.5-40.0	17.0	.50	.38	.06	.02	87TG23 DDH

LITHOLOGY, ALTERATION, MISC.	M.	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
Bedded ash tuffs - as above.		Scattered narrow py v lts		3.1	3.0	100	6532	40.0-3.0	8.0	.34	.02	.005	.02	
			42.7											
As above		As above.												
		44.2 2cm qtz-cb-cp v. 45°CA		3.0	3.1	100	6533	43.0-6.0	3.0	.13	.005	.005	.02	
45														
As above, bedding 70°CA.		Scattered narrow py v lts.	45.7											
46.8-47.2 coarse ash tuff as @ 39.5.				3.1	2.9	94	6534	46.0-9.0	2.0	.09	.005	.005	.02	
Ash Tuff as above, bdg. 60°CA.		As above												
49.2-49.5 Lapilli Tuff interbd.		Stringers cp w. lap. tuff.	48.8											
50														
50.2-50.3 Lapilli Tuff interbd.		50.2 1.5cm cp-py-alp top of lap bed.		3.0	3.0	100								
Ash Tuff - as above							6535	49.0-3.4	3.0	.15	.005	.005	.005	
		Occ. narrow py v lts cp stringers.	51.8											
Contact 60°CA														
53.4 CHERT PEBBLE CONGLOMERATE; massive, rounded to subrounded matic and lesser felsic pebbles in tuff matrix.		>20/m py, min cp v lts mainly 60°CA		3.1	2.8	90								
55			54.9											
As above							6536	53.4-7.2	3.0	.11	.01	.005	.04	
		20/m py v lts, scattered streaks cp.		3.0	2.9	97								
57.2 ASH TUFF; massive, uniform, med. grey. weak banding 60°CA.			57.9											
		5-10/m py v lts		2.1	2.9	98	6537	57.2-9.5	18.0	.52	.04	.01	.04	
60			60.0											
As above		10-15/m py v lts.					6538	59.5-2.0	7.0	.13	.005	.005	.005	
				4.0	3.1	98								
As above							6539	62.0-4.1	3.0	.15	.005	.005	.02	
64.4 Ash Tuff; lt. grey, cb alt.			64.0											
65.2-65.4 DYKE; lt. grn-gr to buff 45°CA.		64.1-64.4 massive qtz-cb-py. w. cp v. 80°CA.												
65				3.1	3.0	97	6540	64.1-5.2	2.0	.02	.005	.005	.05	
65.4 ASH TUFF; lt. grey, bleached, cb alt, fractured.		Stockwk py, cp v lts												
							6541	65.2-8.0	18.0	.35	.08	.05	.02	
		Frequent fine py v lts, minor cp.	67.1											
As above, inc. massive		67.8 6cm qtz v with patches py 50°CA.		3.0	3.0	100	6542	68.0-1.0	4.0	.21	.05	.005	.02	
70														
		>20/m py min cp v's 45-60°CA.	70.1											
As above, wk banding 60°CA.				3.1	3.1	100	6543	71.0-4.0	2.0	.09	.005	.005	.02	
As above, med. grey, mod. massive		< 10/m py v's.	73.2											
		74.4-74.7 semi-massive qtz-cb-py vng.		3.0	3.0	100								
75														

87TG23 DDH

LITHOLOGY, ALTERATION, MISC.	M.	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
Ash Tuff, as above, sl distorted banding 40°CA.		< 5/m py vlts.	76.2				6544	74.0-7.0	1.0	.07	.005	.005	.03	
As above, sections w. fine chl. fragr.		76.8-76.9 6cm qtz-cb-py v 45°CA.		3.0	3.0	100	6545	77.0-0.0	2.0	.10	.005	.005	.03	
	80	5/m qtz-cb-py vlts w. min cp 45°CA	79.2											
As above, med. grey, mod. massive		5-10/m py vlts 40°CA		3.1	3.1	100	6546	80.0-3.0	4.0	.15	.005	.01	.04	
As above		82.4 2cm cb-chl-py-cp v. 40°CA	82.3											
		5/m py vlts.		3.0	3.0	100	6547	83.0-6.0	5.0	.13	.005	.005	.08	
	85		85.3											
As above		5-10/m py vlts chang. to 60°CA.		3.1	3.1	100	6548	86.0-9.0	2.0	.08	.005	.005	.04	
As above w. inc. qtz-cb alt.		10-20/m py vlts	88.4											
	90			3.0	3.0	100	6549	89.0-1.4	5.0	.07	.02	.005	.07	
As above		91.4-91.8 qtz-cb-py vng w. tet, cp, sphal 45°CA.	91.4				6550	91.4-3.0	28.0	.50	.40	.19	.06	
92.0 start v. strong fract, bleaching, cont. to 100.6. Strongly fract, partly bx and gouge zones.		92.0-100.6 irreg stockwk qtz-cb w. py and min cp vng.		2.8	2.2	79	6551	93.0-5.0	4.0	.10	.02	.04	.14	
	95		94.2											
As above		As above		3.3	2.9	88	6552	95.0-7.0	7.0	.19	.03	.07	.20	
			97.5				6553	97.0-9.0	5.0	.25	.005	.005	.05	
As above		As above		3.1	1.9	61								
	100						6554	99.0-1.0	4.0	.04	.01	.005	.02	
100.6 Shatter Breccia of Ash Tuff with qtz-cb alt.		100.6 qtz-cb-py w cp stockwk changes to patches in bx'd rx. ~5% sulphides w. mainly py, some cp and tet as lining and patches	100.6				6555	101.0-3.0	1.0	.02	.005	.005	.005	
As above.				3.0	3.0	100								
			103.6				6556	103.0-5.0	1.0	.005	.005	.005	.02	
	105													
As above.		As above		3.1	3.0	97	6557	105.0-7.0	1.0	.005	.005	.005	.05	
			106.7											
							6558	107.0-8.8	2.0	.03	.01	.005	.03	
108.8-109.2 DYKE, lt. gr, fine mafic phenoxts		As above		3.0	2.9	97								
109.2 ASH TUFF, bx'd as above.	110		109.7				6559	108.8-0.5	64.0	1.83	.25	.30	.64	87TG23 DDH

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
110.5 ANDESITIC DYKE; medium grey w. rounded fspar phenoxts					3.1	3.1	100	6560	110.5-2.4	2.0	.01	.005	.005	.03	
112.4-112.6 inclusion qtz-cb.			5% py w. qtz-cb	112.8											
113.7-113.9 inclusion ash tuff bx.			10% py in ash tuff bx					6561	112.4-3.9	2.0	.005	.005	.005	.17	
	115				3.0	3.0	100	6562	113.9-5.0	1.0	.005	.005	.005	.03	
115.8 FELDSPAR PORPHYRY DYKE; med. grey w. 1cm fspar laths				115.8				N/S							
					3.1	3.1	100								
118.9 DYKE; lt. grn-gr to buff with 3mm fspar laths				118.9											
	120				3.0	3.0	100	N/S							
As above				121.9				6563	121.0-2.1	0.5	.005	.005	.005	.02	
122.1 ASH TUFF; bleached lt. gr.			122.1-124.3 fine stockwk hairline py v/ts.												
124.3-124.4 gouge 60°CA					3.1	2.7	87	6564	122.1-4.7	3.0	.07	.02	.005	.02	
124.4-124.5 inclusion bleached dyke.			124.3-124.4 5% py.												
124.7 ASH TUFF; fine grained, lt grey, qtz-cb veining	125		124.5-124.7 qtz-cb w. 20% py.	125.0											
			124.7-130.4 scattered qtz-cb-py v/ts					6565	124.7-7.0	2.0	.10	.005	.005	.03	
					3.0	3.0	100								
As above				128.0											
			As above		3.1	3.0	97	6566	127.0-9.5	1.0	.08	.02	.005	.02	
	130														
			130.4-131.5 stockwk py filled fracts.					6567	129.5-1.6	2.0	.02	.23	.02	.09	
131.5-131.6 bx'd.			131.4-131.6 10% py in bx.	131.1											
131.6 ASH TUFF; lt. to med. grey, shatter fracts. w. qtz-cb					2.1	2.1	100	6568	131.6-3.5	1.0	.09	.005	.005	.06	
			Rare py w. qtz-cb	133.2											
					3.0	2.9	97	6569	133.5-5.7	0.5	.04	.01	.005	.02	
Contact 65°CA w. qtz-cb gouge	135														
135.7 ASH TUFF (or andesitic tuff?) med. greenish grey, massive, mottled bleaching; vague banding 65°CA				136.2											
			No sulphides		3.1	3.1	100	6570	135.7-9.0	2.0	.03	.005	.005	.02	
As above				139.3											
	140														
As above			No sulphides		3.0	3.0	100	6571	139.0-2.0	2.0	.03	.01	.005	.02	
				142.3											
As above			No sulphides.					N/S							
			Minor py w. qtz-cb 35-45°CA		3.1	3.1	100								
	145														

DDH 87TG 23

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	BOX
Ash Tuff (or andesitic tuff) as above			Minor py w. qtz-cb v Hs	145.4						
					3.3	3.1	94			
As above			As above	148.7						
	150				3.1	3.1	100			
As above, banding 50°CA			As above							
				151.8						
As above			As above		3.0	3.0	100			
	155			154.8						
As above			As above	155.4	0.6	0.6	100			
					3.1	3.1	100			
As above			As above	158.5						
159.9 2cm clayey gouge 25°CA w. adjacent bleaching	160		Py dusting on fracts in bleached zone.		3.0	3.0	100			
				161.5						
			Minor py. w. qtz-cb v/lts.		3.1	3.1	100			
As above										
164.6 END OF HOLE	165			164.6						DDH 87TG23

DIAMOND DRILL HOLE LOG
TECK CORPORATION

LEGEND

SURVEY (Acid Tube Tests)

Footage	Bearing	Inclination
86.3m		-44°
155.4m		-45½°
234.4m.		-42°

Property GAUL — Hole No. 87 TG 24
Location Gaul #4 Claim, Goosly Lake Area, B.C. (93L/1W) — Bearing at Collar Due E
Inclination at Collar -45°
Coord. - Collar N 4418.6
E 7097.0 — Length 234.4 m
Elev. - Collar 1019.3 — Core Size NQ
Date started Dec. 11, 1987
Completed Dec. 13, 1987 — Logged by A.L. Betmanis

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
OVERBURDEN — cased															
	75			76.5											
76.5 ARGILLITE; fine grained, black thinly bedded 45°CA.					2.1	0.2	10								
78.6 LAPILLI TUFF; 1cm lap. fragments in grey ash tuff matrix, Apparent bdg 45°CA	80			78.6	1.6	0.7	44								
81.4-84.7 Fault Zone: clayey gouge with included sections lap. tuff				80.2	2.1	1.4	67								
84.7 ARGILLITE; fine grained, black similar to before			Hairline py. filled fracts, minor dissem py.	82.3	2.4	0.7	29								
	85			84.7	1.6	0.9	56	6321	84.7-6.7	1.0	.03	.17	.03	.04	
As above				86.3	2.1	1.6	76	6322	86.7-7.7	12.0	.07	1.92	.29	.43	
86.7 Fault Zone: graphitic gouge 75°CA, some qtz-cb								6323	87.7-8.1	96.0	2.79	1.20	.98	3.44	
88.1 INTERBEDDED ARGILLITE and ASH TUFF; argillite f.g. black, ash tuff: med. grey B. 1-2mm fragments; thin bedded 50-55°CA, mod distorted bdg.			20% sp, py in lower 0.4 of Fault Zone.	88.4				6324	88.1-9.0	1.0	.005	.16	.04	.50	
	90		qtz-cb stringers w py low ∠ CA, irreg py filled fracts		3.0	3.0	100								
				91.4				6325	89.0-2.5	1.0	.005	.08	.18	.04	
As above			As above		3.1	2.9	94								
	95			94.5				6326	92.5-6.4	2.0	.005	.18	.35	.19	

DDH 87TG24

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
96.4 FELDSPAR PORPHYRY DYKE; med to lt. grey with 1 to 15 mm fspar phds					3.0	3.1	100								
As above.				97.5	3.1	3.2	100	6327	96.4-0.8	2.0	.02	.09	.005	.005	
Contact 50°CA	100			100.6											
100.8 ANDESITIC DYKE; med. grey, f. grain, 1mm fspar phenoxts.					3.0	3.0	100	6328	100.8-2.0	3.0	.02	.04	.03	.03	
102.0 LAPILLI TUFF; med. grey, occ frags to 0.5cm, interbds coarser with frags to 1cm, bdg 40° CA locally distorted.; stockwk fine cb filled fracts			Minor py on fracts	103.6	3.0	3.0	100	6329	102.0-5.0	2.0	.04	.04	.005	.03	
As above	105		As above	106.7	3.1	3.1	100	6330	105.0-8.0	0.5	.005	.05	.005	.02	
117.9 ASH TUFF, similar to above but with rare f.g. tuff frags.; possible bdng or banding 40°CA			Occasional 0.2 to 0.5cm py veinlets predom 45°CA, 70-90° to banding	109.7	3.0	3.0	100	6331	108.0-1.0	1.0	.005	.04	.005	.03	
As above	110		As above	112.8	3.1	3.0	100	6332	111.0-4.0	1.0	.01	.05	.005	.02	
As above			As above	115.8	3.0	3.1	100	6333	114.0-7.0	5.0	.09	.04	.04	.08	
As above	115		As above	118.9	3.1	2.7	87	6334	117.0-0.0	9.0	.31	.06	.01	.10	
As above	120		120.9-121.6 5% irreg py vng, min cp inc. w. depth.	121.9	3.0	2.9	97	6335	120.0-1.6	5.0	.14	.05	.01	.02	
122.0 ASH TUFF; fine grained, med grey, increasingly lt. grey or bleached w. depth, thin bdd 55°CA			123.1-123.3 1mm vlts py-cp, minor tet.		3.1	3.1	100	6336	121.6-4.0	30.0	1.23	.02	.09	.005	
As above	125		1252 inc py vlts	125.0				6337	124.0-6.0	6.0	.16	.06	.03	.03	
			127.2-128.0 5% irreg cp-py vng.	128.0	3.0	3.0	100	6338	126.0-8.0	43.0	1.14	.05	.18	.08	
128.0 DYKE; lt. grey, 2-5mm fspar phenoxts, contacts 70°CA								6339	128.0-9.7	2.0	.02	.04	.01	.005	DDH 87TG24
	130		129.7-130.1 60% massive cp		3.1	3.3	100	6340	129.7-0.1	242.0	2.80	.89	.13	.23	

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
130.1 ASH TUFF; as above, med. grey.			1-3% sulphides as irreg py + cp vlts.					6341	130.1-1.2	21.0	.77	.02	.06	.05	
131.2 FELSIC DYKE, lt. grey, fine grained.				131.1											
131.8 ASH TUFF; med grey, occ. 1-2mm tuff frags, weak banding 50°CA.								6342	131.2-1.8	5.0	.03	.13	.01	.02	
As above			1-2% sulphides, vlts py, cp and f.g. dissem.		3.0	3.0	100	6343	131.8-3.5	41.0	.79	.02	.12	.07	
				134.1				6344	133.5-4.9	20.0	.64	.01	.04	.07	
	135		134.9-137.2 finely diss. py+ cp, vlts, min fet at 136.8.												
As above					3.1	2.9	97	6345	134.9-7.2	26.0	.79	.03	.09	.04	
			As above	137.2											
137.2 ASH TUFF; lt. grey, fine hairline shatter fracturing 137.2-137.4 bx'd.			1% cp vlts 137.2-137.4 5% cp in bx.					6346	137.2-8.7	37.0	1.67	.02	.07	.07	
			139.9-140.2 cp-qtz vng 50°CA		3.0	2.9	97	6347	138.7-0.2	21.0	.42	.02	.06	.03	
	140			140.2											
140.2 ASH TUFF (Andesitic Tuff?); med greenish grey, occ lap. frags. to 2-3cm esp. at top, no distinct bdg or banding			1% diss py, min. cp dec. w. depth to occ. py + cp streaks 142.0 1.5cm cp v 45°CA					6348	140.2-3.0	9.0	.21	.08	.03	.04	
					3.1	3.0	100								
As above			Occ. py+cp streaks.	143.3											
145.1-145.8 crowded lap frags.								6349	143.0-6.0	4.0	.10	.06	.01	.02	
	145				3.0	3.1	100								
145.8 ANDESITIC DYKE; contacts 50°CA			Minor narrow py vlts.												
146.4 ASH TUFF; f.g., med grey, no distinct bdg or banding, occ frags to 3mm.			~1/m 0.3 cm py vlts	146.3											
					3.1	3.1	100	6350	146.0-9.0	8.0	.20	.03	.02	.19	
As above			As above												
				149.4											
	150														
As above			As above		3.0	3.0	100	6351	149.0-2.0	3.0	.03	.03	.005	.03	
				152.4											
As above			As above					6352	152.0-5.0	4.0	.11	.04	.005	.03	
					3.0	3.1	100								
	155			155.4											
155.8 ASH TUFF with interbeds LAPILLI TUFF Ash tuff as above, narrow lap tuff interbeds w. frags. to 1cm; lap. tuff dec w. depth., bdg 50°CA			No sulphides					6353	155.0-8.0	2.0	.01	.03	.005	.02	
					3.1	2.9	100								
Dec. lap. tuff			No sulphides	158.5											
								6354	158.0-1.0	4.0	.07	.04	.01	.03	
	160		159.8 3mm cp v. 50°CA		3.0	3.1	100								
Mainly ash tuff			161.0 5mm cp v 60°CA.	161.5											DDH 87TG 24
								6355	161.0-4.0	2.0	.04	.03	.005	.005	
As above, bdg 55°CA			No sulphides		3.1	3.1	100								
	165			164.6											

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	g/t Ag	% Cu	% Zn	% Pb	g/t Au	BOX
As above			165.3-166.6 scattered cp v's and vlts, min py.					6356	164.0-7.0	4.0	.14	.04	.02	.02	
166.8-167.6 thinly bedded 70°CA					3.0	3.1	100								
168.5 ANDESITIC DYKE; f.g., med. grey, finely porph., 60°CA.				167.6				6357	167.0-0.0	4.0	.07	.04	.01	.005	
169.9 Ash Tuff inclusion			168.6 2.5cm qtz-cb-cp v 60°CA.												
170.3 ANDESITIC DYKE; as above, lower contact chilled 40°CA	170		169.9-170.3 patches py, min asp.		3.1	3.0	100								
171.1 ASH TUFF; as above			3/m irreg qtz-cb-py vlts.	170.7				6358	170.0-3.0	2.0	.01	.02	.005	.03	
Ash Tuff inc. chloritic			As above		3.0	3.0	100								
				173.7				6359	173.0-5.0	1.0	.01	.01	.005	.02	
As above	175		As above		3.1	3.1	100	6360	175.0-6.9	2.0	.05	.08	.01	.07	
177.5 ANDESITIC DYKE; as above, lighter grey, contacts 70°CA.			176.9-177.5 patches py, cp, inc to semi-massive @ contact.	176.8				6361	176.9-7.5	57.0	2.59	3.40	.02	.43	
178.1 ASH TUFF; med. grey, scattered frags. to 5mm., massive.								6362	177.5-8.1	2.0	.05	.02	.005	.02	
178.9-179.2 narrow dyke as above			178.1-178.2 semi-massive py w. cp.		3.0	3.0	100	6363	178.1-8.9	35.0	.81	.10	.03	.07	
								6364	178.9-9.2	3.0	.01	.01	.005	.005	
Ash Tuff, as above	180		Minor py vng.	179.8				6365	179.2-2.0	7.0	.30	.01	.01	.04	
					3.1	3.0	100								
As above, v. uniform			182.9-183.2 irreg py vng. Dec. py to rare below.	182.9				6366	182.0-5.0	3.0	.04	.13	.02	.04	
					3.0	3.1	100								
As above	185		No sulphides	185.9				6367	185.0-8.0	1.0	.02	.01	.005	.02	
					3.1	3.1	100								
As above, rare fine tuff frags.			No sulphides	189.0				6368	188.0-1.0	4.0	.07	.01	.005	.005	
	190														
As above, massive			190.1-190.9 py w. min cp vlts approx 1/3-4 cm		3.0	3.1	100								
				192.0				6369	194.0-4.0	2.0	.03	.005	.005	.04	
As above			No sulphides		3.1	3.1	100								
	195														
As above			No sulphides	195.1				6370	194.0-7.0	3.0	.03	.02	.005	.05	
Gradational contact w. lap. tuff.					3.0	2.9	97								
198.4 LAPILLI TUFF; med. to dk grey, chloritic, scattered frags to 3cm., poss. bdg. 40°CA.			No sulphides	198.1				N/S							
	200				3.1	3.0	97								DDH 87TG24

LITHOLOGY, ALTERATION, MISC.	M.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	BOX
201.3 ANDESITIC DYKE; fine grained, med grey, contacts 60°CA. 201.9-203.2 inclusion Lapilli Tuff.			No sulphides unless noted.	201.2	2.1	2.1	100			
203.3 ASH TUFF (or Andesitic Tuff?); med greenish grey, massive, fine chl. tuff frags.	205			203.3 / 203.5	0.2	0.1	100			
As above				203.6	0.1	0.2	100			
206.1-206.6 narrow Andesitic Dyke. 206.6 Ash Tuff, as above, rare sl. chl. tuff frags. to 3 mm.					3.1	2.9	97			
As above				206.7						
209.9-210.0 clayey chl. fract 50°CA	210				3.0	3.1	100			
Ash Tuff - as above, bdg 45°CA				209.7						
As above					3.1	3.0	100			
				212.8						
As above	215				3.0	3.1	100			
				215.8						
As above					3.0	3.1	100			
				218.8						
Cb vng at contact 220.0 LAPILLI TUFF; crowded frags, med-lt. grey.	220				3.1	3.0	100			
221.3 ASH TUFF; as above, med grn grey, sec's w. chloritic fine tuff frag's (= Andesitic Tuff other holes?)				221.9						
As above					3.0	3.1	100			
	225			224.9						
As above					3.4	3.2	97			
As above				228.3						
229.0 ASH TUFF; similar to above but acc. lap. frags, frequent fine tuff frags.; banding at top 60°CA.	230		228.8-229.0 qtz-cb vng w. 3% py + cp 50°CA.		3.0	3.0	100			
				231.3						
As above					3.1	3.0	97			
234.4 END OF HOLE	235			234.4						DDH 87TG24

APPENDIX III

ASSAY CERTIFICATES

IDEN6B0201 X87TG019 NQ DEC87 JTT DEC87ACK
IPRJ EQUITY/TECK GAUL CLAIMS
A001
ALAB EQUITY MINESITE LABORATORY
ATYP ASSAY
AMTH WET EXTRACTION A.A. - AU FIRE ASSAYED FIRST

AUMM			RCOVSAMPLE	RQD	% CU	G/TAG	G/TAU	% SB	% AS	% FE	% ZN	% PB
R	00	274	:NO SAMPLE									
A001	274	310	6572		0.02	2.0	0.005	0.01	0.005	5.27	0.01	0.005
A001	310	340	6573		0.03	2.0	0.02	0.01	0.02	6.12	0.01	0.005
A001	340	370	6574		0.90	31.0	0.06	0.01	0.005	6.33	0.01	0.005
A001	370	395	6575		0.27	8.0	0.02	0.01	0.03	6.32	0.01	0.005
A001	395	414	6576		0.40	26.0	0.06	0.005	0.01	3.66	0.005	0.005
A001	414	435	6577		0.18	10.0	0.03	0.005	0.005	1.74	0.005	0.005
A001	435	460	6578		0.07	6.0	0.04	0.005	0.01	1.38	0.01	0.005
A001	460	481	6579		0.14	4.0	0.02	0.005	0.005	1.43	0.01	0.005
A001	481	510	6580		0.16	8.0	0.03	0.005	0.01	4.68	0.005	0.005
A001	510	540	6581		0.005	1.0	0.005	0.005	0.005	4.17	0.005	0.005
A001	540	570	6582		0.17	9.0	0.04	0.005	0.005	3.73	0.005	0.005
A001	570	600	6583		0.13	5.0	0.03	0.005	0.03	4.36	0.04	0.005
A001	600	620	6584		0.18	5.0	0.005	0.005	0.02	3.52	0.28	0.01
A001	620	639	6585		0.31	18.0	0.07	0.01	0.07	2.61	0.15	0.06
A001	639	649	6586		0.17	16.0	0.25	0.04	0.40	23.5	0.43	0.12
A001	649	660	6587		0.005	2.0	0.04	0.01	0.01	4.10	0.02	0.01
A001	660	670	6588		0.96	28.0	0.26	0.32	0.50	4.31	0.74	0.77
A001	670	680	6589		0.48	17.0	0.08	0.12	0.20	2.79	2.21	0.28
A001	680	690	6590		0.38	20.0	0.08	0.005	0.11	1.71	2.23	0.10
A001	690	700	6591		0.36	24.0	0.13	0.01	0.07	5.35	0.75	0.08
A001	700	720	6592		0.06	5.0	0.04	0.005	0.05	3.12	0.06	0.02
A001	720	750	6593		0.01	1.0	0.005	0.005	0.005	3.37	0.001	0.005
A001	750	780	6594		0.01	2.0	0.04	0.01	0.04	4.88	0.02	0.005
A001	780	810	6595		0.03	1.0	0.005	0.005	0.01	4.45	0.001	0.005
A001	810	836	6596		0.16	7.0	0.07	0.005	0.11	4.20	0.06	0.04
A001	836	855	6597		0.11	30.0	0.15	0.04	0.14	9.14	0.06	0.03
A001	855	870	6598		0.005	3.0	0.05	0.01	0.01	3.20	0.005	0.005
R	870	905	:NO SAMPLE									
A001	905	921	6599		0.005	1.0	0.04	0.005	0.005	1.60	0.005	0.005
A001	921	931	6600		0.51	93.0	0.95	0.07	0.12	31.10	0.02	0.03
A001	931	950	6601		0.26	14.0	0.04	0.01	0.02	2.31	0.005	0.005
A001	950	980	6602		0.07	5.0	0.04	0.005	0.01	3.28	0.005	0.005
A001	980	1010	6603		0.02	2.0	0.04	0.005	0.02	4.04	0.005	0.005
A001	1010	1040	6604		0.02	1.0	0.03	0.01	0.005	4.19	0.01	0.005
A001	1040	1070	6605		0.05	2.0	0.07	0.005	0.005	5.35	0.01	0.005
A001	1070	1100	6606		0.05	6.0	0.16	0.005	0.02	4.53	0.005	0.005
R	1100	1510	:NO SAMPLE									
A001	1510	1540	6607		0.01	2.0	0.08	0.005	0.02	3.99	0.01	0.005
A001	1540	1570	6608		0.005	2.0	0.12	0.005	0.07	3.34	0.11	0.05
A001	1570	1601	6609		0.005	2.0	0.05	0.01	0.02	4.49	0.02	0.005
A001	1601	1620	6610		0.03	3.0	0.19	0.01	0.14	4.30	0.46	0.13
A001	1620	1650	6611		0.005	4.0	0.03	0.01	0.01	4.20	0.005	0.005
A001	1650	1680	6612		0.02	2.0	0.04	0.005	0.01	3.86	0.005	0.005
A001	1680	1710	6613		0.03	3.0	0.05	0.01	0.11	5.20	0.02	0.09
A001	1710	1740	6614		0.02	2.0	0.08	0.005	0.07	3.17	0.03	0.01
A001	1740	1770	6615		0.07	4.0	0.10	0.01	0.07	4.71	0.08	0.04
A001	1770	1800	6616		0.005	2.0	0.03	0.005	0.02	4.27	0.005	0.005

A001	1800	1830	6617	0.005	1.0	0.03	0.005	0.02	4.45	0.05	0.02
A001	1830	1865	6618	0.005	3.0	0.04	0.005	0.02	3.77	0.01	0.005
A001	1865	1895	6619	0.005	1.0	0.005	0.005	0.005	4.49	0.005	0.005
A001	1895	1918	6620	0.005	2.0	0.04	0.01	0.01	4.59	0.005	0.005
A001	1918	1930	6621	0.005	3.0	0.03	0.005	0.005	4.17	0.005	0.005
A001	1930	1938	6622	0.15	7.0	0.09	0.01	0.03	2.69	0.09	0.01
A001	1938	1947	6623	0.005	3.0	0.02	0.005	0.005	3.89	0.005	0.005
A001	1947	1960	6624	0.09	4.0	0.09	0.005	0.02	2.97	0.03	0.005
A001	1960	1975	6625	0.01	1.0	0.04	0.005	0.02	3.36	0.005	0.005
R			:END OF HOLE @ 197.5								

IDEN6B0201 X87TG020 NQ DEC87 JTT DEC87ACK
IPRJ EQUITY/TECK GAUL CLAIMS
A001
ALAB EQUITY MINESITE LABORATORY
ATYP ASSAY
AMTH WET EXTRACTION A.A. - AU FIRE ASSAYED FIRST

AUMM			RCOVSAMPLE	RQD	% CU	G/TAG	G/TAU	% SB	% AS	% FE	% ZN	% PB
R	00	361	:NO SAMPLE									
A001	361	366	6412		0.12	4.0	0.04	0.005	0.005	3.09	0.005	0.005
A001	366	392	6413		0.49	11.0	0.04	0.005	0.03	4.00	0.08	0.01
A001	392	418	6414		0.86	10.0	0.12	0.005	0.02	4.24	0.02	0.005
A001	418	452	6415		0.06	2.0	0.04	0.01	0.005	4.63	0.01	0.005
A001	452	485	6416		0.04	1.0	0.02	0.005	0.04	4.07	0.005	0.005
A001	485	495	6417		0.74	24.0	1.38	0.08	5.99	11.47	0.13	0.13
A001	495	520	6418		0.06	2.0	0.04	0.005	0.02	3.55	0.01	0.005
A001	520	540	6419		1.05	19.0	0.08	0.005	0.01	4.39	0.03	0.005
A001	540	570	6420		0.05	6.0	0.04	0.005	0.005	4.63	0.005	0.005
A001	570	600	6421		0.07	4.0	0.07	0.005	0.005	4.15	0.02	0.01
A001	600	630	6422		0.07	2.0	0.04	0.005	0.005	3.74	0.005	0.005
A001	630	657	6423		0.10	2.0	0.04	0.005	0.02	3.79	0.005	0.005
A001	657	671	6424		4.36	41.0	0.06	0.02	0.005	5.61	0.04	0.005
A001	671	695	6425		9.93	143.0	0.18	0.09	0.16	11.31	0.12	0.02
A001	695	720	6426		0.33	7.0	0.08	0.005	0.005	2.32	0.01	0.005
A001	720	750	6427		0.20	3.0	0.03	0.005	0.01	3.44	0.01	0.005
A001	750	780	6428		0.40	9.0	0.05	0.005	0.04	3.69	0.02	0.005
A001	780	810	6429		0.09	2.0	0.02	0.005	0.01	3.12	0.01	0.005
A001	810	840	6430		0.12	3.0	0.03	0.005	0.005	3.38	0.01	0.005
A001	840	870	6431		0.14	5.0	0.02	0.005	0.005	3.51	0.01	0.005
A001	870	900	6432		0.43	17.0	0.09	0.01	0.03	6.34	0.01	0.005
A001	900	930	6433		0.15	4.0	0.05	0.01	0.01	4.57	0.005	0.005
A001	930	960	6434		0.57	16.0	0.05	0.01	0.005	4.19	0.20	0.01
A001	960	980	6435		0.04	2.0	0.03	0.01	0.005	3.84	0.04	0.005
A001	980	996	6436		0.22	7.0	0.03	0.01	0.01	2.96	0.03	0.01
A001	996	1020	6437		0.46	25.0	0.005	0.08	0.04	18.4	17.50	0.15
A001	1020	1033	6438		0.02	4.0	0.02	0.01	0.01	3.11	0.02	0.01
A001	1033	1040	6439		2.18	57.0	0.06	0.03	0.01	7.76	0.03	0.01
A001	1040	1070	6440		0.18	3.0	0.005	0.01	0.01	2.75	0.005	0.005
A001	1070	1100	6441		0.10	1.0	0.02	0.01	0.02	2.58	0.005	0.02
A001	1100	1130	6442		0.16	3.0	0.04	0.01	0.01	1.71	0.005	0.005
A001	1130	1160	6443		0.11	3.0	0.005	0.005	0.07	2.81	0.005	0.005
A001	1160	1190	6444		0.33	9.0	0.03	0.01	0.01	3.33	0.01	0.005
A001	1190	1220	6445		0.20	7.0	0.05	0.005	0.03	4.13	0.02	0.01
A001	1220	1250	6446		0.19	6.0	0.13	0.005	0.03	5.17	0.01	0.005
A001	1250	1280	6447		0.09	4.0	0.04	0.005	0.005	4.84	0.005	0.005
A001	1280	1310	6448		0.07	2.0	0.03	0.005	0.005	4.39	0.01	0.005
A001	1310	1340	6449		0.05	6.0	0.06	0.005	0.005	4.98	0.005	0.005
A001	1340	1370	6450		0.15	5.0	0.03	0.005	0.005	4.54	0.005	0.005
A001	1370	1402	6451		0.46	16.0	0.04	0.005	0.01	4.21	0.005	0.005
A001	1402	1422	6452		0.38	13.0	0.06	0.005	0.02	5.10	0.03	0.02
A001	1422	1454	6453		0.02	4.0	0.02	0.005	0.005	3.22	0.005	0.005
A001	1454	1481	6454		0.17	7.0	0.03	0.005	0.005	2.47	0.005	0.005
A001	1481	1508	6455		0.005	4.0	0.03	0.005	0.005	5.78	0.005	0.005
A001	1508	1530	6456		0.005	2.0	0.04	0.005	0.005	3.08	0.005	0.005
A001	1530	1560	6457		0.06	2.0	0.02	0.005	0.005	3.08	0.005	0.005
R			:END OF HOLE @ 156.0									

IDEN6B0201 X87TG021 NQ DEC87 JTT DEC87ACK
IPRJ EQUITY/TECK GAUL CLAIMS
A001
ALAB EQUITY MINESITE LABORATORY
ATYP ASSAY
AMTH WET EXTRACTION A.A. - AU FIRE ASSAYED FIRST

AUMM			RCOVSAMPLE	ROD	% CU	G/TAG	G/TAU	% SB	% AS	% FE	% ZN	% PB
R	00	200	:NO SAMPLE									
A001	200	230	6458		0.08	3.0	0.02	0.005	0.005	4.64	0.02	0.02
A001	230	260	6459		1.06	22.0	0.03	0.005	0.005	3.59	0.01	0.005
A001	260	290	6460		1.07	25.0	0.03	0.005	0.005	3.42	0.01	0.005
A001	290	320	6461		0.31	11.0	0.02	0.005	0.005	3.01	0.005	0.005
A001	320	350	6462		0.16	6.0	0.05	0.005	0.01	3.97	0.05	0.02
A001	350	380	6463		0.27	16.0	0.14	0.005	0.04	5.51	0.18	0.06
A001	380	410	6464		0.02	1.0	0.03	0.005	0.005	4.30	0.005	0.005
A001	410	430	6465		0.11	1.0	0.04	0.005	0.005	4.08	0.005	0.005
A001	430	450	6466		1.74	39.0	0.08	0.005	0.01	4.74	0.02	0.005
A001	450	480	6467		0.66	16.0	0.05	0.005	0.02	3.34	0.01	0.005
A001	480	510	6468		0.46	8.0	0.05	0.02	0.005	3.06	0.005	0.005
A001	510	540	6469		0.51	7.0	0.06	0.02	0.005	2.56	0.005	0.005
A001	540	560	6470		0.18	4.0	0.05	0.01	0.005	2.95	0.005	0.005
A001	560	580	6471		0.32	7.0	0.02	0.02	0.005	3.36	0.01	0.005
A001	580	585	6472		0.36	39.0	0.23	0.14	0.03	23.00	0.02	0.03
A001	585	610	6473		0.24	6.0	0.03	0.01	0.01	3.53	0.01	0.005
A001	610	640	6474		0.16	5.0	0.03	0.02	0.01	4.50	0.07	0.005
A001	640	670	6475		0.84	12.0	0.03	0.005	0.02	2.69	0.01	0.005
A001	670	696	6476		0.18	11.0	0.07	0.005	0.04	3.42	0.02	0.07
A001	696	722	6477		0.08	3.0	0.005	0.005	0.02	1.70	0.03	0.01
A001	722	747	6478		0.02	0.1	0.005	0.005	0.005	1.37	0.07	0.02
A001	747	760	6479		0.01	0.1	0.03	0.01	0.005	4.34	0.01	0.005
R	760	810	:NO SAMPLE									
A001	810	820	6480		0.02	1.0	0.005	0.01	0.005	5.08	0.02	0.005
A001	820	845	6481		0.04	0.1	0.03	0.01	0.005	1.20	0.005	0.005
A001	845	871	6482		0.05	2.0	0.03	0.005	0.01	1.82	0.005	0.005
A001	871	900	6483		0.28	4.0	0.04	0.005	0.01	4.84	0.01	0.005
A001	900	930	6484		0.02	0.1	0.02	0.005	0.005	3.51	0.005	0.005
A001	930	960	6485		0.04	3.0	0.02	0.01	0.005	4.39	0.005	0.005
A001	960	990	6486		0.16	4.0	0.03	0.005	0.005	4.89	0.005	0.005
A001	990	1020	6487		0.11	4.0	0.03	0.005	0.005	5.11	0.005	0.005
A001	1020	1050	6488		0.02	2.0	0.03	0.01	0.09	4.08	0.005	0.005
A001	1050	1080	6489		0.29	6.0	0.03	0.005	0.005	3.68	0.005	0.005
A001	1080	1110	6490		0.07	3.0	0.005	0.005	0.005	3.25	0.005	0.005
A001	1110	1140	6491		0.08	4.0	0.02	0.02	0.10	3.77	0.01	0.005
A001	1140	1158	6492		0.17	4.0	0.01	0.01	0.07	3.60	0.03	0.01
A001	1158	1166	6493		0.04	6.0	0.38	0.06	3.01	15.20	0.01	0.11
A001	1166	1193	6494		0.18	6.0	0.04	0.01	0.18	2.34	0.31	0.02
A001	1193	1220	6495		0.27	7.0	0.01	0.005	0.13	1.34	0.05	0.02
A001	1220	1247	6496		0.37	15.0	0.06	0.03	0.15	3.31	0.25	0.04
A001	1247	1273	6497		0.14	8.0	0.14	0.005	0.10	2.90	0.23	0.07
A001	1273	1284	6498		0.13	4.0	0.01	0.04	0.005	8.36	0.005	0.005
A001	1284	1300	6499		0.47	12.0	0.01	0.005	0.02	1.63	0.005	0.005
A001	1300	1325	6500		0.54	47.0	0.02	0.03	0.05	3.07	0.04	0.005
A001	1325	1350	6501		0.23	39.0	0.08	0.05	0.10	4.22	0.02	0.005
A001	1350	1358	6502		0.01	0.5	0.24	0.02	0.23	5.08	0.005	0.005
A001	1358	1370	6503		0.03	5.0	0.29	0.04	0.07	4.35	0.69	0.03

R	1370	1420	:NO SAMPLE									
A001	1420	1434	6504	0.005	1.0	0.04	0.04	0.01	3.43	0.06	0.01	
A001	1434	1450	6505	0.17	11.0	0.08	0.01	0.11	4.37	2.17	0.27	
A001	1450	1480	6506	0.05	6.0	0.13	0.01	0.14	3.63	1.28	0.46	
A001	1480	1510	6507	0.07	4.0	0.09	0.005	0.08	4.14	0.02	0.005	
A001	1510	1540	6508	0.03	1.0	0.02	0.005	0.005	4.29	0.005	0.005	
A001	1540	1565	6509	0.09	5.0	0.08	0.02	0.05	3.81	0.23	0.05	
A001	1565	1589	6510	0.01	3.0	0.01	0.03	0.04	3.91	0.03	0.005	
A001	1589	1613	6511	0.65	3.0	0.03	0.03	0.01	1.74	0.005	0.005	
A001	1613	1637	6512	0.47	4.0	0.03	0.03	0.01	1.82	0.005	0.005	
A001	1637	1647	6513	0.01	1.0	0.01	0.03	0.02	3.09	0.005	0.005	
A001	1647	1670	6514	0.21	2.0	0.01	0.02	0.005	2.46	0.005	0.005	
A001	1670	1700	6515	0.29	1.0	0.02	0.03	0.02	2.37	0.005	0.005	
A001	1700	1730	6516	0.18	1.0	0.01	0.03	0.005	2.88	0.005	0.005	
A001	1730	1760	6517	0.19	1.0	0.03	0.02	0.01	3.75	0.005	0.005	
A001	1760	1790	6518	0.28	2.0	0.01	0.03	0.005	2.26	0.005	0.005	
A001	1790	1820	6519	0.09	0.5	0.01	0.03	0.01	3.43	0.005	0.005	
A001	1820	1850	6520	0.09	0.5	0.01	0.02	0.02	2.57	0.005	0.005	
A001	1850	1880	6521	0.06	1.0	0.02	0.03	0.005	4.08	0.005	0.005	
A001	1880	1910	6522	0.17	1.0	0.02	0.03	0.01	2.96	0.005	0.005	
A001	1910	1940	6523	0.07	1.0	0.01	0.03	0.02	2.38	0.005	0.005	
A001	1940	1970	6524	0.12	1.0	0.03	0.03	0.01	2.66	0.005	0.005	
A001	1970	2003	6525	0.06	1.0	0.15	0.04	0.31	5.60	0.005	0.005	
R			:END OF HOLE @ 200.3									

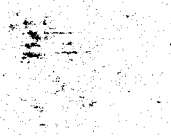
IDEN6B0201 X87TG022 NQ DEC87 JTT DEC87ACK
IPRJ EQUITY/TECK GAUL CLAIMS
A001
ALAB EQUITY MINESITE LABORATORY
ATYP ASSAY
AMTH WET EXTRACTION A.A. - AU FIRE ASSAYED FIRST

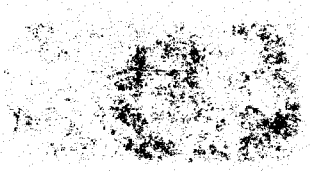
AUMM			RCOVSAMPLE	RQD	% CU	G/TAG	G/TAU	% SB	% AS	% FE	% ZN	% PB
R	00	522	:NO SAMPLE									
A001	522	544	6371		0.04	5.0	0.005	0.01	0.01	4.61	0.005	0.005
A001	544	570	6372		0.02	5.0	0.005	0.02	0.07	6.40	0.01	0.005
A001	570	600	6373		0.03	5.0	0.06	0.03	0.11	7.60	0.02	0.01
A001	600	630	6374		0.005	5.0	0.005	0.01	0.06	5.20	0.02	0.005
A001	630	660	6375		0.04	3.0	0.11	0.02	0.12	7.50	0.07	0.02
A001	660	690	6376		0.005	4.0	0.03	0.02	0.04	5.70	0.07	0.005
A001	690	720	6377		0.005	2.0	0.005	0.02	0.01	5.50	0.01	0.005
A001	720	747	6378		0.16	6.0	0.10	0.01	0.06	6.40	0.04	0.01
A001	747	758	6379		0.04	10.0	0.09	0.005	0.04	5.23	0.005	0.01
A001	758	763	6380		0.53	25.0	2.69	0.03	2.81	10.47	0.45	0.04
A001	763	783	6381		0.06	6.0	0.14	0.005	0.06	1.29	0.94	0.02
A001	783	803	6382		0.01	1.0	0.05	0.005	0.03	3.25	0.05	0.005
A001	803	820	6383		0.34	16.0	0.53	0.005	0.64	4.01	0.01	0.02
A001	820	850	6384		0.08	3.0	0.18	0.005	0.05	3.64	0.13	0.005
A001	850	880	6385		0.13	3.0	0.14	0.005	0.02	4.48	0.03	0.005
A001	880	900	6386		0.04	1.0	0.06	0.005	0.005	3.58	0.005	0.005
A001	900	911	6387		0.16	5.0	0.11	0.005	0.03	4.95	0.005	0.005
A001	911	929	6388		0.08	3.0	0.12	0.005	0.05	1.95	0.17	0.02
A001	929	936	6389		2.54	88.0	0.72	0.03	0.93	10.44	0.24	0.09
A001	936	950	6390		0.08	4.0	0.10	0.005	0.04	3.34	0.02	0.005
A001	950	980	6391		0.03	2.0	0.07	0.005	0.02	2.92	0.09	0.01
A001	980	1010	6392		0.09	6.0	0.05	0.005	0.005	3.98	0.02	0.02
A001	1010	1040	6393		0.02	1.0	0.06	0.005	0.01	4.06	0.02	0.005
A001	1040	1069	6394		0.15	5.0	0.06	0.005	0.02	2.78	0.04	0.005
A001	1069	1079	6395		3.53	74.0	0.13	0.03	0.02	7.35	0.005	0.06
A001	1079	1110	6396		0.15	6.0	0.15	0.005	0.06	4.96	0.26	0.04
A001	1110	1135	6397		0.21	8.0	0.10	0.005	0.11	2.55	0.41	0.03
A001	1135	1149	6398		0.48	29.0	0.07	0.02	0.11	3.05	0.03	0.06
A001	1149	1154	6399		3.10	129.0	0.54	0.21	0.91	10.82	0.05	0.74
A001	1154	1170	6400		0.09	5.0	0.14	0.02	0.15	3.44	0.11	0.03
R	1170	1195	:NO SAMPLE									
A001	1195	1207	6401		0.01	1.0	0.06	0.005	0.005	1.72	0.005	0.005
A001	1207	1230	6402		0.53	38.0	0.69	0.07	1.05	6.23	0.13	0.24
A001	1230	1250	6403		0.28	30.0	0.10	0.02	0.05	3.49	0.005	0.09
A001	1250	1269	6404		0.23	13.0	0.06	0.005	0.005	2.67	0.05	0.03
A001	1269	1278	6405		1.85	55.0	0.13	0.04	0.06	10.48	0.005	0.06
A001	1278	1301	6406		0.14	10.0	0.23	0.01	0.31	3.00	0.005	0.005
A001	1301	1320	6407		0.49	11.0	0.02	0.005	0.005	2.03	0.005	0.005
A001	1320	1337	6408		0.20	8.0	0.04	0.01	0.04	2.91	0.02	0.005
A001	1337	1360	6409		0.03	3.0	0.02	0.005	0.01	2.95	0.01	0.005
A001	1360	1385	6410		0.005	1.0	0.03	0.02	0.005	3.98	0.01	0.005
A001	1385	1411	6411		0.005	3.0	0.005	0.005	0.005	3.35	0.005	0.005
R			:END OF HOLE @ 141.1									

IDEN6B0201 X87TG023 NQ DEC87 JTT DEC87ACK
IPRJ EQUITY/TECK GAUL CLAIMS
A001
ALAB EQUITY MINESITE LABORATORY
ATYP ASSAY
AMTH WET EXTRACTION A.A. - AU FIRE ASSAYED FIRST

AUMM			RCOVSAMPLE	ROD	% CU	G/TAG	G/TAU	% SB	% AS	% FE	% ZN	% PB
R	00	277	:NO SAMPLE									
A001	277	293	6526		0.005	2.0	0.005	0.02	0.005	4.09	0.05	0.005
A001	293	305	6527		1.55	37.0	0.06	0.01	0.01	4.28	0.01	0.005
A001	305	335	6528		0.03	2.0	0.005	0.011	0.01	4.84	0.01	0.005
A001	335	350	6529		0.33	10.0	0.03	0.01	0.01	4.37	0.005	0.005
A001	350	375	6530		0.24	23.0	0.31	0.06	0.96	5.76	1.41	0.87
A001	375	400	6531		0.50	17.0	0.02	0.01	0.01	3.89	0.38	0.06
A001	400	430	6532		0.34	8.0	0.02	0.005	0.005	3.68	0.02	0.005
A001	430	460	6533		0.13	3.0	0.02	0.01	0.005	4.07	0.005	0.005
A001	460	490	6534		0.09	2.0	0.02	0.02	0.005	3.72	0.005	0.005
A001	490	534	6535		0.15	3.0	0.005	0.01	0.005	2.94	0.005	0.005
A001	534	572	6536		0.11	3.0	0.04	0.005	0.005	1.12	0.01	0.005
A001	572	595	6537		0.52	18.0	0.04	0.01	0.09	3.25	0.04	0.01
A001	595	620	6538		0.13	7.0	0.005	0.005	0.005	4.02	0.005	0.005
A001	620	641	6539		0.15	3.0	0.02	0.005	0.005	4.82	0.005	0.005
A001	641	652	6540		0.02	2.0	0.05	0.01	0.005	3.68	0.005	[illegible]
A001	652	680	6541		0.35	18.0	0.02	0.01	0.02	3.85	0.08	[illegible]
A001	680	710	6542		0.21	4.0	0.02	0.005	0.005	3.09	0.05	[illegible]
A001	710	740	6543		0.09	2.0	0.02	0.005	0.01	3.58	0.005	[illegible]
A001	740	770	6544		0.07	1.0	0.03	0.005	0.005	4.80	0.005	0.005
A001	770	800	6545		0.10	2.0	0.03	0.005	0.005	3.37	0.005	0.005
A001	800	830	6546		0.15	4.0	0.04	0.005	0.005	3.70	0.005	0.01
A001	830	860	6547		0.13	5.0	0.08	0.005	0.02	3.85	0.005	0.005
A001	860	890	6548		0.08	2.0	0.04	0.01	0.005	3.32	0.005	0.005
A001	890	914	6549		0.07	5.0	0.07	0.02	0.01	3.20	0.02	0.005
A001	914	930	6550		0.50	28.0	0.06	0.13	0.04	4.03	0.40	0.19
A001	930	950	6551		0.10	4.0	0.14	0.02	0.01	2.44	0.02	0.04
A001	950	970	6552		0.19	7.0	0.20	0.03	0.50	2.91	0.03	0.07
A001	970	990	6553		0.25	5.0	0.04	0.005	0.04	2.62	0.005	0.005
A001	990	1010	6554		0.04	4.0	0.02	0.01	0.02	3.16	0.01	0.005
A001	1010	1030	6555		0.02	1.0	0.005	0.005	0.02	4.30	0.005	0.005
A001	1030	1050	6556		0.005	1.0	0.02	0.005	0.005	1.19	0.005	0.005
A001	1050	1070	6557		0.005	1.0	0.05	0.005	0.01	5.47	0.005	0.005
A001	1070	1088	6558		0.03	2.0	0.03	0.01	0.02	3.08	0.01	0.005
A001	1088	1105	6559		1.83	64.0	0.64	0.09	0.79	11.57	0.25	0.30
A001	1105	[illegible]	6560		0.01	2.0	0.03	0.01	0.005	2.93	0.005	0.005
A001	1124	[illegible]	6561		0.005	2.0	0.17	0.01	0.04	6.38	0.005	0.005
A001	1139	1150	6562		0.005	1.0	0.03	0.005	0.005	4.36	0.005	0.005
R	1150	1210	:NO SAMPLE									
A001	1210	1221	6563		0.005	0.5	0.02	0.005	0.005	1.16	0.005	0.005
A001	1221	1247	6564		0.07	3.0	0.02	0.005	0.01	3.80	0.02	0.005
A001	1247	1270	6565		0.10	2.0	0.03	0.005	0.01	2.52	0.005	0.005
A001	1270	1295	6566		0.08	1.0	0.02	0.005	0.01	3.44	0.02	0.005
A001	1295	1316	6567		0.02	2.0	0.09	0.005	0.10	3.48	0.23	0.02
A001	1316	1335	6568		0.09	1.0	0.06	0.005	0.03	2.51	0.005	0.005
A001	1335	1357	6569		0.04	0.5	0.02	0.01	0.01	2.92	0.01	0.005
A001	1357	1390	6570		0.03	2.0	0.02	0.005	0.005	3.60	0.005	0.005
A001	1390	1420	6571		0.03	2.0	0.02	0.01	0.005	3.40	0.01	0.005

R :END OF HOLE @ 142.0





IDEN6B0201 X87TG024 NQ DEC87 JTT DEC87ACK
IPRJ EQUITY/TECK GAUL CLAIMS
A001
ALAB EQUITY MINESITE LABORATORY
ATYP ASSAY
AMTH WET EXTRACTION A.A. - AU FIRE ASSAYED FIRST

AUMM			RCOVSAMPLE	RQD	% CU	G/TAG	G/TAU	% SB	% AS	% FE	% ZN	% PB
R	00	847	:NO SAMPLE									
A001	847	867	6321		0.03	1.0	0.04	0.01	0.10	3.82	0.17	0.03
A001	867	877	6322		0.07	12.0	0.43	0.08	0.37	5.81	1.92	0.29
A001	877	881	6323		2.79	96.0	3.44	0.25	2.50	12.75	1.20	0.98
A001	881	890	6324		0.005	1.0	0.50	0.02	0.24	4.33	0.16	0.04
A001	890	925	6325		0.005	1.0	0.04	0.01	0.16	4.91	0.08	0.18
A001	925	964	6326		0.005	2.0	0.19	0.01	0.15	5.45	0.18	0.35
A001	964	1008	6327		0.02	2.0	0.005	0.02	0.11	3.87	0.09	0.005
A001	1008	1020	6328		0.02	3.0	0.03	0.03	0.04	4.00	0.04	0.03
A001	1020	1050	6329		0.04	2.0	0.03	0.005	0.10	4.00	0.04	0.005
A001	1050	1080	6330		0.005	0.5	0.02	0.01	0.03	4.18	0.05	0.005
A001	1080	1110	6331		0.005	1.0	0.03	0.01	0.005	3.37	0.04	0.005
A001	1110	1140	6332		0.01	1.0	0.02	0.03	0.02	3.77	0.05	0.005
A001	1140	1170	6333		0.09	5.0	0.08	0.01	0.01	2.26	0.04	0.04
A001	1170	1200	6334		0.31	9.0	0.10	0.02	0.04	2.00	0.06	0.01
A001	1200	1216	6335		0.14	5.0	0.02	0.02	0.01	2.75	0.05	0.01
A001	1216	1240	6336		1.23	30.0	0.005	0.08	0.08	5.43	0.02	0.09
A001	1240	1260	6337		0.16	6.0	0.03	0.01	0.01	2.42	0.06	0.03
A001	1260	1280	6338		1.14	43.0	0.08	0.02	0.06	2.28	0.05	0.18
A001	1280	1297	6339		0.02	2.0	0.005	0.03	0.01	2.28	0.04	0.01
A001	1297	1301	6340		12.80	242.0	0.23	0.26	0.19	25.55	0.89	0.13
A001	1301	1312	6341		0.77	21.0	0.05	0.06	0.05	2.53	0.02	0.06
A001	1312	1318	6342		0.03	5.0	0.02	0.04	0.09	6.80	0.13	0.01
A001	1318	1335	6343		0.79	41.0	0.07	0.05	0.09	3.33	0.02	0.12
A001	1335	1349	6344		0.64	20.0	0.07	0.04	0.04	2.93	0.01	0.04
A001	1349	1372	6345		0.79	26.0	0.04	0.05	0.04	4.49	0.03	0.09
A001	1372	1387	6346		1.67	37.0	0.07	0.03	0.10	4.04	0.02	0.07
A001	1387	1402	6347		0.42	21.0	0.03	0.02	0.04	2.67	0.02	0.06
A001	1402	1430	6348		0.21	9.0	0.04	0.03	0.09	4.31	0.08	0.03
A001	1430	1460	6349		0.10	4.0	0.02	0.02	0.07	3.28	0.06	0.01
A001	1460	1490	6350		0.20	8.0	0.19	0.03	0.12	3.57	0.03	0.02
A001	1490	1520	6351		0.03	3.0	0.03	0.02	0.01	3.70	0.03	0.005
A001	1520	1550	6352		0.11	4.0	0.03	0.02	0.04	3.37	0.04	0.005
A001	1550	1580	6353		0.01	2.0	0.02	0.03	0.02	3.93	0.03	0.005
A001	1580	1611	6354		0.07	4.0	0.03	0.03	0.02	4.03	0.04	0.01
A001	1611	1640	6355		0.04	2.0	0.005	0.03	0.01	3.26	0.03	0.005
A001	1640	1670	6356		0.14	4.0	0.02	0.03	0.04	4.17	0.04	0.02
A001	1670	1700	6357		0.07	4.0	0.005	0.04	0.06	3.54	0.04	0.01
A001	1700	1730	6358		0.01	2.0	0.03	0.001	0.02	4.46	0.02	0.005
A001	1730	1750	6359		0.01	1.0	0.02	0.001	0.03	3.59	0.01	0.005
A001	1750	1769	6360		0.05	2.0	0.07	0.001	0.05	4.53	0.08	0.01
A001	1769	1775	6361		2.59	57.0	0.43	0.02	0.45	8.13	3.40	0.02
A001	1775	1781	6362		0.05	2.0	0.02	0.005	0.02	4.95	0.02	0.005
A001	1781	1789	6363		0.81	35.0	0.07	0.001	0.02	3.38	0.10	0.03
A001	1789	1792	6364		0.01	3.0	0.005	0.001	0.001	4.90	0.01	0.005
A001	1792	1820	6365		0.30	7.0	0.04	0.001	0.001	3.71	0.01	0.01
A001	1820	1850	6366		0.04	3.0	0.04	0.001	0.01	3.45	0.13	0.02
A001	1850	1880	6367		0.02	1.0	0.02	0.001	0.02	3.73	0.01	0.005

A001	1880	1911	6368	0.07	4.0	0.005	0.01	0.01	3.56	0.01	0.005
A001	1911	1940	6369	0.03	2.0	0.04	0.01	0.005	3.29	0.005	0.005
A001	1940	1970	6370	0.03	3.0	0.05	0.01	0.02	3.75	0.02	0.005
R		END OF HOLE @ 197.0									

APPENDIX IV

STATEMENT OF COSTS

STATEMENT OF COSTS

1.	Site and Access Preparation: Hamblin Industries, Houston, B.C. Dec. 2-10, 1987 : D6H Caterpillar	$5,405.00
2.	1,186.4 metres NQWL Drilling: J.T. Thomas Diamond Drilling, Smithers, B.C. Dec. 3-13, 1987; includes core boxes, drill muds, etc.	81,330.40
3.	Drilling Water Supply: Gallant Trucking, Kamloops, B.C. Dec. 3-14, 1987	3,975.00
4.	Assaying: Equity Silver Mines Ltd. 305 samples for Ag, Au, Cu, Pb, Zn, Sb, As, Fe	4,372.50
5.	A. I. Betmanis, geologist: supervision, core core logging, reporting; Dec. 1, 1987 - Feb. 12, 1988 - 27 days @ $240/day	6,480.00
6.	G. Lovang, assistant; site preparation, etc. Dec. 1-9, 1987 - 9 days @ $170/day	1,530.00
7.	L. Davies, surveyor; Equity Silver Mines Ltd. Dec. 14-16, 1987	764.22
8.	Core splitting; Equity Silver Mines Ltd. 5 days @ $150/day (estimated, to be billed)	750.00
9.	Accommodation and meals; Pleasant Valley Motel, Houston, B.C.; 22 man-days @ $55/day	1,210.00
10.	Truck Usage; Chevolet Blazer 4x4 21 days @ $30/day Gasoline - 21 days @ $12/day	630.00 252.00
11.	Field Supplies and Expendables	200.00
12.	Drafting, secretarial, report preparation	500.00
	Total	$107,399.12

The above costs are partial costs currently incurred and estimated for the drilling program described in this report and applicable for assessment credits.

February 12, 1987

A. I. Betmanis, P.Eng.

6700 E 7100 E 7500 E 7900 E

5300 N
5100 N
4900 N
4700 N
4500 N
4300 N

6500 E 6700 E 6900 E 7100 E 7300 E 7500 E 7700 E 7900 E 8100 E

N

To Equity

BESSEMER CREEK

To Equity and Goosly Lake

E 83139 E 83138 E 83137 E (?) E 83136

SUPERPOSITION ZONE

APPROXIMATE PROPERTY BOUNDARY

LOADING AREA

M-2 M-4 M-3 M-5 M-1 M-6

85 TG-17

T-7 T8 T-9 T-10 T-2 T-11

APPROXIMATE PROJECTION FELDSPAR PORPHYRY DYKE SURFACE OF BEDROCK

GAUL 3

87 TG-23 T-14

GAUL 5

87 TG-21 85 TG-18

OLD CORE SHACK

OLD L.P. POST T42, 43

87 TG-20 87 TG-19

GAUL 4 GAUL 6

87 TG-22

87 TG-24

T-13

LEGEND

- M-3 ..... Previous diamond drill holes
  M..... Pioneer (1971)
  T..... Teck ...(1971) 85TG (1985)
  E83..... Equity ...(1983, 1987(?))
- 87 TG-23 ..... 1987 Diamond drill holes
- ..... Drill hole intersections with >20g/t Ag
- ..... Surveyed Claim Post
- ..... Approximate projection feldspar porphyry dyke surface of bedrock
- Approximate claim boundary
- Logging roads (1969, 1973)
- Drillhole access roads

TECK EXPLORATIONS LIMITED

GAUL CLAIM GROUP

OMINECA MINING DIVISION, B.C.

DRILLHOLE LOCATION MAP

m 0 50 100 200 300 m
METRES

Compiled by: A.I.B | Date: Jan. 1988 | Scale 1:2500 | NTS: 93 L/1W | FIG. 2