86-472-15042

06/89

DIAMOND DRILLING REPORT

ON THE

OK# 1, 2, 3Fr, 4Fr, 5Fr, 6Fr, 7Fr, and 8,
Silvertip No.1 and No.2, and MJ - 3, Mineral Claims
and Mineral Lease No. M - 30 (Lots 172, 1549 - 1556)
(WHIPSAW PROPERTY)

Whipsaw Creek Area

Similkameen Mining Division

92H - 7E W

(49°16.5'N.Latitude, 120°~~43~~ 42.2' W.Longitude)

BY

Grant F. Crooker, B.Sc., F.G.A.C.

FOR

LONE JACK RESOURCES LTD.
#501-700 West Pender Street
Vancouver, B.C.
(Operator)

Roy Huff - Owner

June 1986

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SUMMARY AND RECOMMENDATIONS

The Whipsaw property lies 250 kilometers east of Vancouver and 28 kilometers southwest of Princeton in southern British Columbia. Eleven mineral claims (16 units) and One mineral lease (9 units) make up the claim group, which lies in the Similkameen Mining Division.

The claims are underlain by Nicola volcanics which have been intruded by Eagle Granodiorite.

Mineralization on the property is related to a fault breccia zone with quartz-carbonate and quartz veinlets. Pyrite, sphalerite, chalcopyrite and galena, with gold and silver values are associated with the quartz-carbonate and quartz veinlets.

A diamond drill program was carried out on the property during the period January through May, 1986. Eight NQ diamond drill holes totalling 939.94 meters were drilled during the program.

A large tonnage, low grade deposit with gold, silver, zinc, copper and lead values is the target for the area.

The 1986 drill program generally gave sub-economic values. However a significant fault breccia zone, (AnomalyII) was intersected by the drilling. All of the 1986 drilling was from existing roads due to winter conditions. As the dimensions of the fault breccia zone have not been defined, zones favourable for significant mineralization may exist along the structure away from the road.

Further work is warranted to define the dimensions of the fault breccia zone. Additional work is recommended as follows:

Phase I

(1) Detailed soil geochemical surveys and geological mapping to define the dimensions of the fault breccia zone.

(2) Trenching and sampling of the favourable zones, to be based upon the results of the soil geochemical survey and geological mapping.

Phase II

Contingent on the results of Phase I,

(1) Diamond drilling - 300 meters along the fault breccia zone.

Respectfully submitted,

Grant F. Crooker, B.Sc., F.G.A.C.

INTRODUCTION

General

A diamond drilling program was carried out on the property by Adams Drilling of Princeton, B.C. from January 11th through May 22nd, 1986.

The core was logged and sampled by Grant Crooker, B.Sc., F.G.A.C.

Location and Access

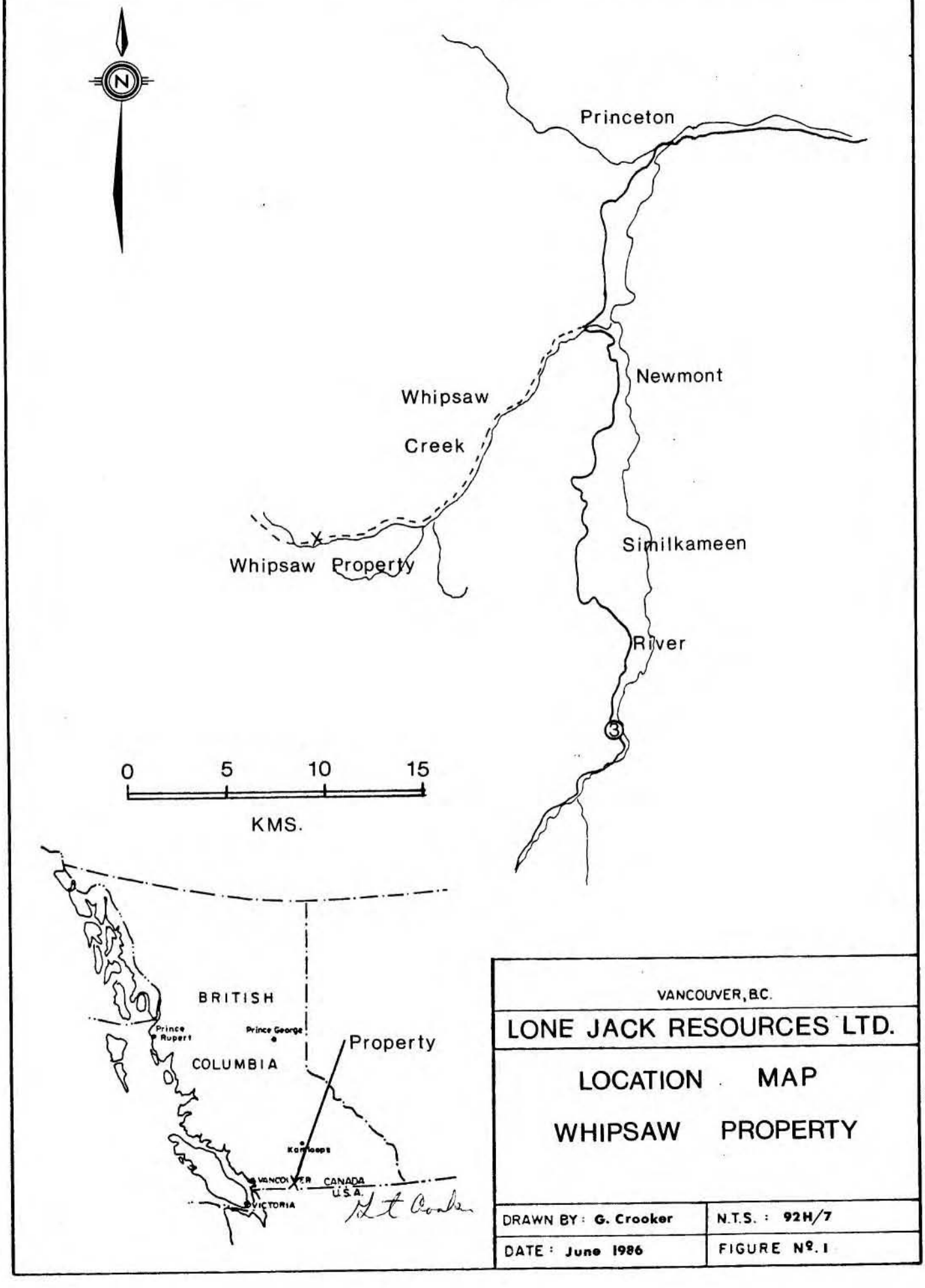
The Whipsaw Property is located 250 kilometers east of Vancouver (Figure 1) and 28 kilometers southwest of Princeton, in southern British Columbia. The property is geographically located between 49°16' and 49°17' north latitude and 120°44' and 120°46' west longitude.

Access to the property is via the Whipsaw Creek Road which turns southwest from the Hope-Princeton Highway 10 kilometers south of Princeton. The property lies between kilometer 26 and kilometer 29 of the Whipsaw Creek Road. This road is an all weather gravel road. Several mining access roads lead to different areas of the property.

Physiography

Topography varies from gentle to steep on the property, with elevation ranging from 1430 to 1700 meters above sea level. Whipsaw Creek flows through the southern part of the property.

The claims are located within the Hozameen Range of the Cascade Mountains. Spruce, pine, hemlock and fir cover the area.



VANCOUVER, B.C.

LONE JACK RESOURCES LTD.

LOCATION MAP

WHIPSAW PROPERTY

DRAWN BY: G. Crooker	N.T.S. : 92H/7
DATE : June 1986	FIGURE Nº. 1

Property and Claim Status

The property (Figure 2) is under option to Lone Jack Resources Ltd., 501-700 West Pender Street, Vancouver, B.C. and is located in the Similkameen Mining Division.

Claim	Units	Record No.	Expiry Date*
OK#1	1	11979	June 29, 1991
OK#2	1	11980	June 29, 1991
OK#3Fr	1	15767	March 18, 1992
OK#4Fr	1	15768	March 18, 1992
OK#5Fr	1	15769	March 18, 1992
OK#6Fr	1	33749	June 25, 1991
OK#7Fr	1	33750	June 25, 1991
OK#8	1	33825	July 9, 1991
Silvertip No.1	1	18218	June 28, 1991
Silvertip No.2	1	18219	June 28, 1991
MJ-3	6	245	July 26, 1991

Mineral Lease No. M30, covering the following lots, 172, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, record date January 13, 1964.

*Upon acceptance of this report.

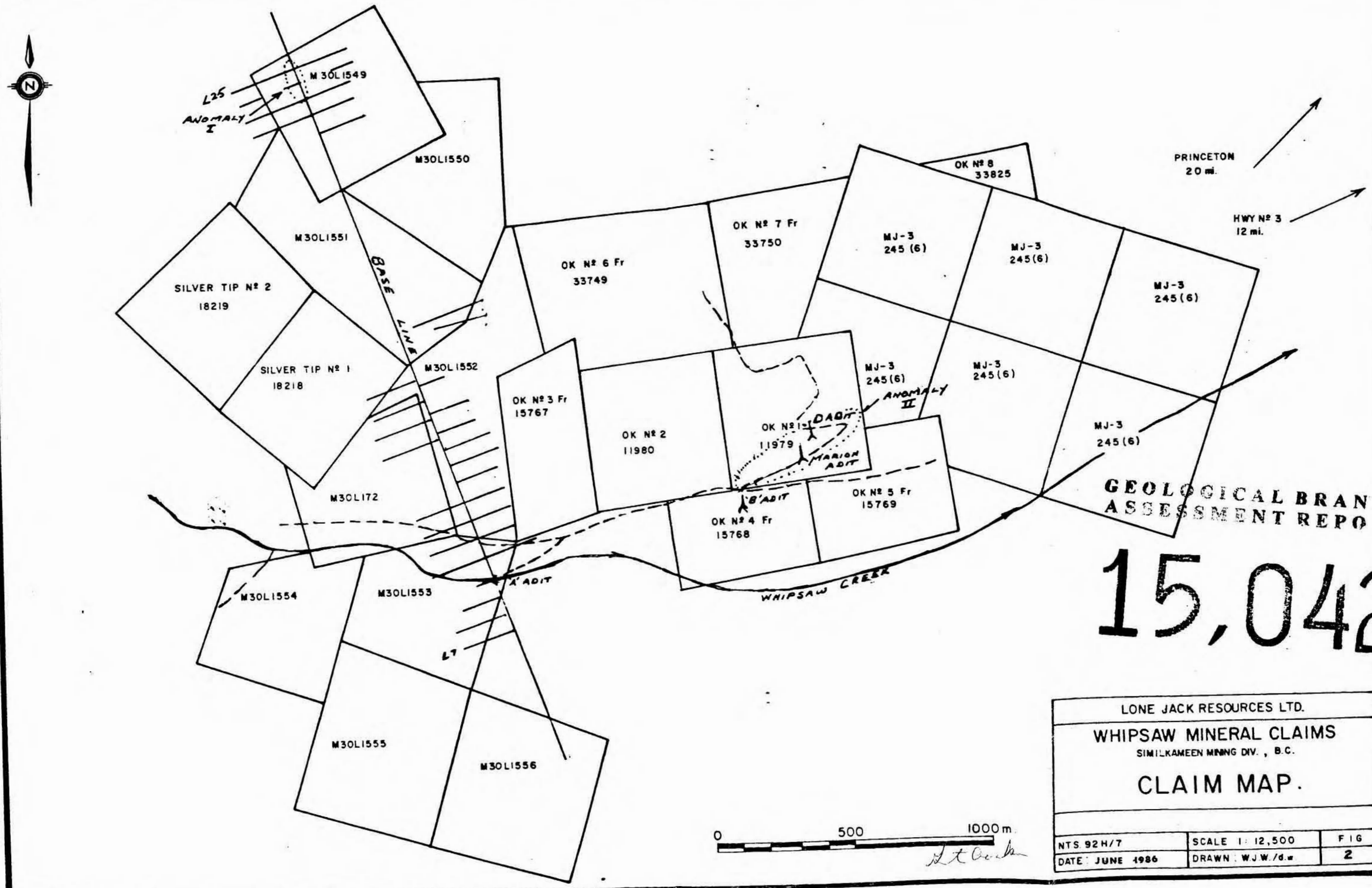
The claims are located on mineral claim maps 92H-7E and 7W.

Property History

Exploration probably started in the Whipsaw area around 1900. Camsell (1911) and Cairns (1922) report trenching and underground workings (Marion or S. and M. Showings) with only minor mineralization.

During the period 1927 through 1930, additional underground work was carried out in the area.

Little additional work was carried out until the 1960's, when the target became porphyry copper-molybdenum mineraization. Assessment reports 409, 2802, 3707, 4170, 5024 and 5491 cover the period from 1961 to 1975. Extensive geological, geochemical and geophysical serveys were carried out during this period. Four diamond drill holes were drilled on the Metestoffer Showing in 1972, but only sporadic and sub-economic mineralization was encountered.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,042

LONE JACK RESOURCES LTD.

WHIPSAW MINERAL CLAIMS
SIMILKAMEEN MINING DIV., B.C.

CLAIM MAP.

NTS 92H/7	SCALE 1: 12,500	FIG
DATE: JUNE 1986	DRAWN: W.J.W./d.w	2

During this period the Huff brothers of Princeton became involved in the area. Several adits were driven, but no large amount of ore was found.

During 1985 magnetometer and geochemical surveys were carried out over selected areas of the property by Lone Jack Resources Ltd. Anomaly I (Figure 3) contains a low level Cu-Ag soil anomaly coinciding with a strong magnetic dipole. Anomaly II produced anomalous Au, Ag, Zn and Cu geochemical values in an area 150 meters wide by 600 meters long. This area contains a major structure and 3 adits (Marion, "B" and "D") have been driven into the structure.

EXPLORATION PROCEDURE

Eight diamond drill holes totalling 939.94 meters were drilled during the program. The locations of the drill holes are shown on figure 3.

The core from the drill holes was logged and sampled (Appendix I). Sample intervals are shown on the drill logs. The mineralized sections were split and sent for assay. All sections were fire assayed for gold and silver, with selected sections also assayed for zinc, lead and copper. Sludge samples were also assayed at 3.05 meter intervals for the mineralized sections of DDH-86-1 and DDH-86-2.

The samples were assayed by Chemex Labs Ltd., 212 Brooksbank Ave., North Vancouver, B.C.

The core is stored at Candol Developments compound and storage facility at Sechelt, B.C.

GEOLOGY

A number of assessment reports describe the geology of the property in detail and only a brief summary of the geology is provided here.

Upper Triussic Nicola Group Volcanics underlie the central and eastern parts of the property. These volcanics have been metamorphosed to chlorite or hornblende schist and gneiss.

The Eagle Granodiorite of the Jurassic Coast Range Intrusives intrudes the Nicola Volcanics in the western part of the property.

A migmatite contact zone lies between the volcanics and intrusive. This is a mixed zone of interlayered hornblende gneiss and granodiorite with feldspar porphyry sills.

Pegmatite and aplite dikes and sills occur infrequently within the migmatite zone.

MINERALIZATION

A number of types of mineralization are found on the property. These include (1) silicified and fractured feldspar porphyry dikes and sills with pyrite, chalcopyrite and molybdenite (Anomaly I); (2) skarns with pyrite, sphalerite, chalcopyrite and galena (Migmatite Zone); (3) quartz veins with pyrite, sphalerite, chalcopyrite and galena (Anomaly II); and (4) fault breccia zones with pyrite, sphalerite, chalcopyrite and galena (Anomaly II).

The most significant mineralization appears to be related to quartz veins and the fault breccia zones.

A fault breccia zone occurs at Anomaly II, and appears to be the source of the gold-silver-copper-zinc geochem anomaly (Mitchell 1985). Within the breccia zone quartz-carbonate veinlets and breccias occur along a major fault zone. The individual veinlets vary from a few milimeters to 40 centimeters in width. The fault zone appears to be 5 to 10+ meters wide, and of unknown strike length. Yellow and orange clay zones and altered schist occur within the structure. Pyrite, sphalerite, chalcopyrite, and galena occur within the quartz-carbonate veinlets. A number of narrow quartz veins (up to 15cms) with pyrite, sphalerite, chalcopyrite and galena also occur within the breccia zone.

Gold and silver values are associated with the sulphide mineralization in the quartz-carbonate zones and the quartz veins.

DIAMOND DRILLING

Eight NQ diamond drill holes totalling 939.94 meters were drilled during the program. The locations are shown on figure 3, and Appendix I contains the drill logs, assay results etc.

Drill Hole	Length(cm)	Elevation Collar	Azmuth(mag)	Dip
DDH-86-1	153.05	1485(m) asl	060°	-60°
DDH-86-2	85.37	1485(m) asl	125°	-60°
DDH-86-3	22.10	1489(m) asl	125°	-60°
DDH-86-4	164.63	1489(m) asl	240°	-60°
DDH-86-5	183.38	1489(m) asl	060°	-60°
DDH-86-6	53.05	1494(m) asl	235°	-50°
DDH-86-7	153.05	1494(m) asl	23°	-50°
DDH-86-8	125.31	1677(m) asl	205°	-50°

Core recovery was 95% or better in most holes. The fault breccia zone is difficult to drill, and lower recoveries (down to 40%) were recorded for this zone. Frequent caving also took place within this zone, and DDH-86-3 was lost due to caving.

A large tonnage, low grade geological target with values in gold, silver, zinc, copper and lead was envisaged for the property.

Drill Holes 86-1 to 86-5 were drilled to test the fault breccia zone outlined by anomaly II. The highest gold and silver intersections for this area were 31 centimeters of 0.050 oz/ton Au and 2.10 oz/ton Ag in DDH-86-1 and 31 centimeters of 0.088 oz/ton Au and 5.19 oz/ton Ag in DDH-86-4. The drilling indicated a wide structure, but most gold values were less than .01 oz/ton, silver values less than 0.50 oz/ton, and combined copper, lead, zinc values less than 1%.

Drill Holes 86-6 and 86-7 were drilled to test the migmatite zone with anomalous copper and zinc soil geochemical values. Drill Hole 86-6 failed to reach bedrock and was terminated at 53.05 meters. In Drill Hole 86-7, a number of intersections of 0.01 to 0.02 oz/ton Au and 0.20 to 1.00 oz/ton Ag were obtained, mainly in silicified and fractured feldspar porphyry dike.

Drill Hole 86-8 was drilled at anomaly I to test a strong magnetic dipole and a low level Cu-Ag soil anomaly. A few scattered flecks of chalcopyrite and molybdenite were observed in the hole,but only trace values of gold and silver were obtained.

CONCLUSIONS AND RECOMMENDATIONS

The most significant mineralization on the property is related to a fault breccia zone with quartz-carbonate veinlets and quartz veinlets containing pyrite, sphalerite, chalcopyrite and galena. Gold and silver values are associated with these zones. The target envisaged for the property is of large tonnage and low grade, with values in gold, silver, zinc, copper and lead.

The drilling results in general indicated sub-economic mineralization, although several narrow sections (31cms) higher gold and silver values gave (0.05 oz/ton Au, 2.00 oz/ton Ag, and 0.088 oz/ton Au, 5.19 oz/ton Ag).

However the drilling at anomaly II does indicate the structure is large, and several 3 meter sections averaging 0.014 oz/ton Au, 1.0 oz/ton Ag, and 1%+ Zn, Cu and Pb were obtained. The fault breccia zone appears to have the most potential to develop a large tonnage target, and the dimensions of the zone are unknown at this time.

The 1986 drilling program was carried out during the winter, and all drill targets had to be selected off of existing roads. Zones favourable for significant mineralization may exist along the fault breccia zone away from the road.

Additional work is recommended as follows:

Phase I

(1) Detailed soil geochemical surveys and geological mapping to define the dimensions of the fault breccia zone at anomaly II.

(2) Trenching and sampling of the favourable zones, to be based upon the results of the soil geochemical survey and geological mapping.

Phase II

Contingent on the results of Phase I

(1) Diamond drilling - 300 meters along the fault breccia zone.

Respectfully submitted,

Grant F. Crooker, B.Sc., F.G.A.C.

D2-100

REFERENCES

Anderson, P.,(1973) - Assessment Report 4170

Ballantyne, E.J., (1971) - Assessment Report 3707

Cairns, C.E., (1922) - Geological Survey of Canada Report

Gambandella, (1975) - Assessment Report 5491

Holyk, W., (1961) - Assessment Report 409

Minister of Mines Annual Reports for 1927, 1928, 1929, 1930

Mitchell, M.A., (1985) - Progress Report Whipsaw Mineral Claims Group, Princeton Area.

Montgomery, J.H. and Giroux, G.H., (1975) - Assessment Report 5024

Rice, H.M.A.,(1966) - G.S.C. Memoir 243, Geology and Mineral Deposits of the Princeton Map-Area, British Columbia.

Stokes, R.B., Leighton, D.G., Anderson, P., (1970) - Assessment Report 2802

Weymark, W.J., (1985) - Whipsaw Mineral Claims Group, Princeton Area, Similkameen M.D., British Columbia

CERTIFICATE OF QUALIFICATIONS

I, Grant F. Crooker, of Upper Bench Road, Keremeos, in the Province of British Columbia, hereby certify as follows:

1) That I graduated from the University of British Columbia in 1972 with a Bachelor of Science Degree in Geology.

2) That I have prospected and actively pursued geology prior to my graduation and have practised my profession since 1972.

3) That I am a member of the Canadian Institute of Mining and Metallurgy.

4) That I am a Fellow of the Geological Association of Canada.

5) That I have no direct or indirect interest in the property.

Dated this 26th day of August, 1986, at Vancouver, in the Province of British Columbia.

Grant F. Crooker, B.Sc., F.G.A.C.
Geologist

A P P E N D I X - I

DIAMOND DRILL LOGS

DIAMOND DRILL RECORD

PROPERTY WHIPSAW HOLE No. DDH - 86 - 1

DIP TEST		
	Angle — 60°	
Footage	Reading	Corrected

Hole No. 1 Sheet No. 1
Section
Date Begun Jan. 11, 1986
Date Finished Feb. 2, 1986
Lat.
Dep.
Bearing 060° (mag)
Elev. Collar 1485m asl
Total Depth 153.05 meters
Logged By G. Crooker
Claim
Core Size N Q

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton	Zn %	Pb %
0 - 2.13	Casing						
2.13 - 17.68	grey-green sericite hornblende schist,		1.52, 2.13				
	rusty on fractures, ½% pyrite	69126	-3.66	< 0.002	0.22	-	-
	3.81m - schistosity @ 31°		1.52, 3.66				
	5.49 - 3mm quartz-carbonate veinlet parallel	69127	-5.18	< 0.002	0.08	-	-
	to bedding, pyrite, galena?						
	6.25m - several 3mm quartz-carbonate						
	veinlets, 2%py, flecks of cpy, ga?, mal.,						
	6.56m, 11.13m, 17.68m - narrow quartz veinlets						
	@ 55°, 2%py.,						
17.68 - 18.45	oxidized and bleached zone, yellow & red iron oxides,						
	narrow fractures with pyrite		1.52, 17.68				
18.45 - 20.43	weakly bleached and oxidized zone,	69128	-19.21	0.002	0.07	-	-
	19.21 - 19.36m - breccia zone, calcite veining,		1.22, 19.21				
	heavily oxidized with rediron oxides, flecks of	69129	-20.43	< 0.002	0.01	0.04	0.01
	grey sulphides						
20.43 - 21.19	breccia zone, intensely fractured, carbonate veinlets,		1.68, 20.43				
	iron oxides, ½% py.	69130	-22.10	< 0.002	0.01	0.03	0.01
21.19 - 22.10	bleached and altered to clay, 1% - 2% py.						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 1 Sheet No. 2 Lat. .....

Section. ..... Dep. .....

Date Begun ..... Bearing .....

Date Finished. ..... Elev. Collar. .....

Total Depth .....

Logged By .....

Claim .....

Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton	Zn %	Pb %
22.10 - 22.41	intensely fractured schist						
22.41 - 23.63	grey clay, calcite fragments containing up to 25%	69131	1.52, 22.10 -23.63	<0.002	0.01	0.02	0.01
	py & ga.?						
23.63 - 25.15	oxidized, broken schist, py.	69132	1.52, 23.63 -25.15	<0.002	0.19	0.08	0.08
25.15 - 25.46	hornblende schist cut by calcite veinlets 3mm with	69133	.31, 25.15 -25.46	0.050	2.10	0.26	0.41
	15% sp, 1% ga.						
25.46 - 28.51	altered, bleached zone, grey clay, some quartz and	69134	1.52, 25.46 -26.98	0.002	0.19	0.08	0.09
	calcite veinlets, with py						
	and iron oxides on fractures	69135	1.52, 26.98 -28.51	<0.002	0.02	0.01	<0.01
28.51 - 34.15	breccia zone, silicification and carbonate						
	veinlets, sulphide mineralization	69136	1.07, 28.51 -29.57	<0.002	0.04	0.04	0.01
	28.51m- calcite veinlets @ 62°						
	- 2% py	69137	1.52, 29.57 -31.10	0.008	0.42	0.33	0.14
	29.42m - calcite veinlets @ 70°, later						
	calcite veinlets cut breccia	69138	1.52, 31.10 -32.62	0.016	1.44	0.30	0.41
	29.57 - 29.88m - 20% py, 1% sp.						
	29.88 - 30.49m - 2% py						
	30.49 - 31.86m - 20% py, cpy, sp, ga	69139	1.52, 32.62 -34.15	0.012	0.89	1.00	0.64
	31.86 - 32.77m - fewer sulphides, 2% py						
	32.32 - 32.77m - green mineral, mariposite?						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 1 Sheet No. 3 Lat. ..... Total Depth .....

Section ..... Dep. ..... Logged By .....

Date Begun ..... Bearing ..... Claim .....

Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton	Zn %	Pb %
	32.77 - 34.15m - 10% py, cpy, sp, ga.						
	33.69 - 2.5cm veinlet @ 40°, massive py, sp, ga, cpy,						
34.15 - 36.74	hornblende schist, minor narrow	69140	1.52, 34.15 -35.67	<0.002	0.01	0.02	<0.01
	veinlets with py	69141	1.52, 35.67 -37.20	<0.002	0.03	0.01	<0.01
36.74 - 37.35	weak breccia zone, py with quartz-carbonate veinlets						
37. 35 - 41.31	grey clay, calcite fragments	69142	1.52, 37.20 -38.72	<0.002	0.03	0.02	0.01
	37.65m - silicified zone						
	38.26m - py, fine grained grey sulphides in calcite	69143	1.52, 38.72 -40.24				
	fragments						
41.31 - 42.07	breccia zone, silicified with carbonate	69144	1.83, 40.24 -42.07	<0.002	0.05	0.01	<0.01
	veinlets @ 75%, up to 10% py.						
42.07 - 50.30	feldspathic hornblende gneiss?						
	42.99m - 15cm breccia, 20% py						
	43.90 - 44.36m , clay, chlorite						
	45.12m - lapilli? @ 60°, up to 3.8cm long						
	45.73 - 46.04m ---1.2 - 2.5cm quartz veinlets @ 20°,						
	massive py, 5% sp						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 1 Sheet No. 4 Lat. ..... Total Depth .....

Section ..... Dep. ..... Logged By .....

Date Begun ..... Bearing ..... Claim .....

Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton	Zn %	Pb %
	45.73 - 50.0m - weak quartz-carbonate alteration,						
	5% py, 1% sp on fractures						
	47.56, 48.78m, 2.5cm - massive py						
50.30 - 61.74	- finegrained, grey-green, banded biotite						
	s ericite hornblende schist,						
	- schistosity @ 55°						
	52.13m - narrow quartz veinlet, sp.						
	52.74 - 53.05m - calcite veinlets & chloritic shear						
	53.51m - 1.25cm calcite veinlets						
	54.42m - quartz-calcite veinlet, py						
	55.49m - 6mm quartz veinlet, @ 20°						
	56.40 - 57.32m - 1% disseminated py						
	57.62m - 2.5cm calcite veinlet @ 42°						
	57.62m - 57.93m - breccia zone, chalcedony?,						
	carbonate matrix						
	58.54m - 2.5m carbonate veinlet						
	59.76m - 7.5cm breccia zone, @ 55°, 5% py						
	60.98m, 61.59m - 6mm carbonate veinlet, py, sp, ga						
61.74 - 64.02	weak breccia zone, serpentenized	69145	1.22, 61.74 -62.96	0.002	0.08	0.02	0.02
	quartz-carbonate veining, py, sp.						
	asp?	69146	1.22, 62.96 -64.18	<0.002	0.06	--	--

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 1 Sheet No. 5 Lat. ..... Total Depth .....

Section ..... Dep. ..... Logged By .....

Date Begun ..... Bearing ..... Claim .....

Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton	Zn %	Pb %
64.02 - 97.26	fine grained, grey-green, biotite, s ericite						
	hornblende schist, limey,						
	66.31 - 67.07m - quartz-carbonate veining, chlorite						
	68.29, 68.90m - 1.25 to 2.5cm quartz veinlets, py,						
	73.48 - 74.09m - 5% asp, py, with carbonate veining						
	75.46 - 76.22m - tiny quartz-carbonate veinlets	69147	1.07, 75.46 -76.52	<0.002	0.03	-	-
	and segregations @ 40°, up to 5% asp?						
	78.96, 80.49, 80.79, 81.55, 81.86, 82.77, 84.15,						
	87.65, 87.96, 90.24 - 93.29m, narrow (up to 12mm)						
	quartz-carbonate veinlets with py, sp, cpy, ga,						
97.26 - 99.85	light green talc schist @ 69°						
	97.56m - 6mm quartz-carbonate veinlet,						
	10% sulphides, ga, sp, py @ 48°						
	99.09m - 6mm quartz segregation, 10% py						
	99.39m - 6mm quartz-carbonate veinlet,						
	10% sulphides, cpy, py, ga, @ 45°						
	99.54m - 2.5cm quartz-carbonate veinlet						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 1 Sheet No. 6 Lat. ..... Total Depth .....

Section ..... Dep. ..... Logged By .....

Date Begun ..... Bearing ..... Claim .....

Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton	Zn %	Pb %
			1.52,99.85				
99.85 - 101.22	pale green silicified zone, possible brecciated	69148	-101.37	<0.002	<0.01	-	-
	chalcedony? quartz fragments up to 6mm diameter,						
	2% py, minor sp crosscutting fractures						
101.22 - 101.68	talc schist						
101.68 - 104.12	quartz or chalcedony veining, brecciated & silicified,						
	@ 40°, 1% py						
	102.90m - flecks ga						
	103.66m - sp						
104.12 - 105.03	talc schist, minor silicifi cation						
105.03 - 105.64	dark green silicified breccia, later narrow quartz-						
	calcite veinlets sp, py						
105.64 - 106.56	talc schist, minor silicification						
106.56 - 106.71	silicified zone, breccia 1% py						
106.71 - 107.47	fine grained, green dacite dike						
107.47 - 107.93	silicified zone, breccia						
107.93 - 114.48	fine grained, grey-green biotite-						
	hornblende schist, limey occasional rusty fractures,						
	epidote						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 1 Sheet No. 7 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton	Zn %	Pb %
114.48 - 121.34	dark green, serpentenized schist, limey						
	117.99 - 118.75m - 5% disseminated py,						
	115.24, 115.15, 116.46, 117.07, 117.38, 117.99, 118.29	69149	1.52, 117.38 -118.90	<0.002	0.02	-	-
	120.12, 120.88m, 7.6 - 10.1cm quartz-carbonate						
	veinlets @ 50°, 1% py.						
121.34 - 123.63	serpentenized schist, hornblende, limey						
	5.1 to 15cm quartz-carbonate veinlets,						
	2% py, minor sp						
123.63 - 153.05	green porphyroblastic feldspar,						
	hornblende schist, hematite on fractures,						
	serpentenized fractures						
	125.92m - fracture, 1% sp, py,						
	138.72 - schistosity? @ 62°						
	138.10, 134.76, 138.87, 141.77, 143.60, 151.22m						
	quartz-carbonate veinlets @ 20°						
	147.41m - lapilli tuff?						
153.05	end of hole						
	py - pyrite mal - malachite						
	ga - galena cpy - chalcopyrite						
	sp - sphalerite az - azurite						
	asp - arsenopyrite						

DDH - 86 - 1

CORE RECOVERY

Interval (meters)	Per Centage Core Recovery
0 - 2.13	Casing
2.13 - 3.35	100%
3.34 - 4.42	86%
4.42 - 8.84	100%
8.84 - 9.91	86%
9.91 - 11.43	90%
11.43 - 12.96	20%
12.96 - 13.42	67%
13.42 - 14.18	60%
14.18 - 14.94	40%
14.94 - 16.01	57%
16.01 - 17.53	100%
17.53 - 18.45	83%
18.45 - 19.93	80%
19.97 - 22.10	100%
22.10 - 23.63	70%
23.63 - 25.15	50%
25.15 - 35.82	100%
35.82 - 37.35	90%
37.35 - 38.87	80%
38.87 - 40.4	60%
40.4 - 41.92	80%
41.92 - 70.88	100%
70.88 - 72.41	80%
72.41 - 118.90	100%
118.90 - 120.12	88%
120.12 - 153.05	100%

Hole #1 - 94%

DIAMOND DRILL RECORD

PROPERTY WHIPSAW HOLE No. DDH-86-2

DIP TEST		
	Angle -60°	
Footage	Reading	Corrected

Hole No. 2 Sheet No. 1 Lat.
Section Dep.
Date Begun FEB. 5, 1986 Bearing 125° (mag)
Date Finished FEB. 13, 1986 Elev. Collar 1485 METERS asl

Total Depth 85.37 METERS
Logged By GRANT CROOKER
Claim
Core Size N Q

DEPTH METERS	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton	Zn ppm	Pb ppm
0-4.88	CASING						
4.88 - 15.85	grey-green sericite hornblende schist, rusty on		1.52,				
	fractures, broken core	001	4.88-6.4	<0.002	0.13	4000	395
	5.47-5.64 m - oxidized						
	11.43 m - fractures with py, sp.						
	11.74 m - 15 cm, highly oxidized, clay, orange &						
	yellow; iron oxides						
	12.20 - 13.71 m - highly oxidized, and fractured		1.52,16.0				
15.85-16.31	orange clay, yellow and orange ironoxides	002	-17.53	<0.002	0.06	800	30
16.31-18.29	fractured and clay altered schists minor silicification						
	and calcite veinlets, mineralized stringers @ 65°						
	17.07m - 2.5cm secondary calcite veinlet @ 65°	003	1.52,17.53 -19.06	<0.002	0.04	1400	12
	-up to 5% py & sp?, with yellow and red iron oxides						
	on fractures.						
18.29 - 19.51	- strongly altered schist, clay zone	004	1.52,19.06 -20.58	<0.002	0.05	250	11
19.51 - 23.93	- breccia zone, orange, clay altered fragments and						
	calcite matrix	005	1.52,20.58 -22.10	<0.002	0.06	184	75
	- average 2% py, 19.21m - 5% fg diss. cpy?, some						
	orange clay zones						
	21.80m - fg, soft grey suphide ½%						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 2 Sheet No. 2 Lat. Total Depth .....

Section ..... Dep. Logged By .....

Date Begun ..... Bearing Claim .....

Date Finished ..... Elev. Collar Core Size .....

DEPTH m	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton	Zn ppm	Pb ppm
	21.95 - 23.02m - orange & grey clay,	006	1.22, 22.10 -23.93	<0.002	0,09	915	500
	23.17m - silicified, fg grey sulphides,						
	1% ga, 5% py						
	23.63m - 6mm massive sulphide veinlets &						
	32°, sp, py, ga.						
23.93 - 25.0	- fg, grey-green hornblende schist,						
	- up to 2% py on fractures						
25.0 - 25.61	- weakly silicified schist, quartz-carbonate	007	1.52, 25.15 -26.68	<0.002	0.13	225	38
	veinlets, @ 40°, py, cpy, greysulphide						
25.61 - 26.98	- weakly clay altered schist @ 15°, carbonate alteration						
26.98 - 27.90	- breccia zone, silicified, carbonate veinlets	008	1.52, 26.68 -28.2	<0.002	0.12	2600	1800
	10%py., 1%sp, on fractures						
27.90 - 29.12	- fractures subparallel to hole						
	-strongly altered schist, grey clay 1% disseminated	009	1.52, 28.2 -29.73	<0.002	0.05	104	45
	py						
29.12 - 31.25	- brown clay, a few silicious and carbonate fragments	010	1.52, 29.73 -31.25	0.002	0.07	500	155
	with py and sp						
	61.59m - 5%sp, py						
31.25 - 33.99	- weakly altered schist, weak silicification	011	1.52, 31.25 -32.77	<0.002	0.06	100	16
	& carbonate veinlets, 5%py, cpy, 2%sp on fractures	012	1.52, 32.77 -34.3	<0.002	0.12	5000	980

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 2 Sheet No. 3 Lat. .....

Section ..... Dep. .....

Date Begun ..... Bearing .....

Date Finished ..... Elev. Collar .....

Total Depth .....

Logged By .....

Claim .....

Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton	Zn ppm	Pb ppm
33.99 - 35.52	33.08m - sp. ga.						
	- grey clay zone, minor carbonate veinlets and fragments, 1% diss. py	013	~~1.52,32.77~~ -35.82	<0.002	0.05	95	15
35.52 - 35.82	- brecciazone, silicified, 1% py						
35.82 - 37.2	- grey clay zone, 1% diss. py	014	~~1.52,35.82~~ -37.35	<0.002	0.05	113	28
37.2 - 38.11	- breccia zone, carbonate veining with py, sp, ga - total 5%, @ 20°	015	~~1.52,37.35~~ -38.87	<0.002	0.08	1650	990
38.11 - 38.87	- grey clayzone						
	38.72m - 15cm white calcite veinlet, banded						
38.87 - 40.85	- dense black hornblende? schist						
	- foliation @ 30°, 2% diss. py,						
	40.70 - 40.85m - breccia, calcite matrix						
40.85 - 41.62	- light grey, altered & bleached, minor py on, narrow calcite veinlets						
41.62 - 46.95	- light grey-green hornblende schist?						
	- narrow quartz, carbonate veinlets @ 20°						
	- 2-3% py						
46.95 - 49.54	-bleached, partially altered to clay, cut by narrow						
	calcite veinlets, 2%py						
	47.56 - 47.87m silicified 5%py						
49.54 - 56.1	- fg, dense, grey-black hornblende schist						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 2 Sheet No. 4 Lat. ..... Total Depth .....

Section ..... Dep. ..... Logged By .....

Date Begun ..... Bearing ..... Claim .....

Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton	Zn ppm	Pb ppm
	- fractured, occasional quartz-carbonate veinlets						
	49.54 - 49.85m- brecciazone, 5%py., calcite veinlets						
	50.15 - 50.76m -brecciazone, silicified, later calcite						
	veinlets @ 70°, py on fractures						
	52.13 - 52.9m, breccia, silicified, cut by later						
	calcite veinlets, py, 1%sp.						
	54.12m - 1.25cm quartz veinlet, py						
	55.49m - 2.5m quartz - carbonate veinlet @ 20°						
	1% cpy; fg, grey sulphide?						
	55.79m - schistosity @ 45°						
56.1 - 58.54	- grey-green hornbende schist						
	1% diss. py, py on fractures						
	56.4m - 2.5cm quartz-carbonate veinlet @ 35°, 20%py,						
	57.17m - 1.25cm quartz-carbonate veinlet, 5%py						
58.54 - 60.21	- breccia zone, silicified, minor calcite veinlets,	016	1.68, 58.54 -60.21	0.006	0.12	1000	840
	5%py, 1%cpy on fractures						
60.21 - 64.48	- grey clay zone	017	1.52, 60.21 -61.74	<0.002	0.07	675	282
	63.11 - 64.48m - some fragments of calcite veinlets,						
	veinlets, 2%py, sp.cpy,	018	2.74, 61.74 -64.48	0.002	0.09	1100	470
	- green & blue minerals, mal.? & az.?						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 2 Sheet No. 5 Lat. .....
Section ..... Dep. .....
Date Begun ..... Bearing .....
Date Finished ..... Elev. Collar .....

Total Depth .....
Logged By. .....
Claim .....
Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton	Zn ppm	Pb ppm
64.48 - 66.0	-breccia zone, silicified, calcite veinlets,	019	1.52, 64.48 -66.0	0.006	0.26	5000	2550
	5% sulphides, py., sp, cpy, ga, mal? & az? on fractures						
	64.63 - 64.79m - 30% sulphides						
	65.55m - 1% ga, hard, dark sulphide?						
66.0 - 70.27	- black, weakly silicified hornblende schist ?						
	- occassionally narrow veinlets with py, & sp						
	68.6m - 10.2cm breccia zone, quartz-carbonate veinlets						
	69.97m - 6-12mm carbonate veinlets @ 30°,						
	15%py, 5%sp, 1%ga						
70.27 - 75.0	-light green metased? schist						
	70.58 - 71.19m - occassional silicification						
	70.88m - 1.3cm quartz-carbonate segregations, 10%py,						
	5%sp,						
	72.10m - foliation @ 15°						
	73.78m - 1.3cm quartz-carbonate veinlet @ 45° minor						
	py, sp,						
	74.24 - 75.0m - weakly silicified, clay altered,						
	5%py						
75.0 - 77.74	- dark green hornblende schist						
	75.15m - 3-6mm quartz-carbonate veinlets						
	@ 20°, 20%py						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 2 Sheet No. 6 Lat. ..... Total Depth. .....

Section ..... Dep. ..... Logged By .....

Date Begun ..... Bearing ..... Claim .....

Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)				
	75.61m - 2.5cm quartz veinlet @ 45°, 3%py & sp,						
	75.61 - 75.92m - silicified zone, 15%py, minor sp,						
	76.52 - 76.98m - clay altered						
77.74 - 85.37	light & dark green banded biotite, feldspar						
	hornblende schist						
	77.29 - 77.74m - clay altered, some quartz-carboante						
	veinlets, 5%py, 2%sp						
	78.2m - 1.25-2.55cm quartz veinlet @ 40°, 2%py,						
	78.2 - 78.66m - folded schist						
	80.34m - foliation @ 35°						
	81.86 - narrow fractures @ 42°, py,						
	82.01m - 3mm calcite veinlet @ 70°, py						
	- schistosity @ 20°						
	85.06m - 2.55cm quartz-carbonate veinlet @ 60°,						
	py, sp						
85.37	end of hole						
	py - pyrite mal - malachite						
	ga - galena az - azurite						
	sp - sphalerite asp - arsenopyrite						
	cpy - chalcopyrite						

D D H - 86 - 2

CORE RECOVERY

Interval meters	Percentage Core Recovery
0 - 4.88	Casing
4.88 - 5.49	100%
5.49 - 6.86	44%
6.86 - 7.17	100%
7.17 - 8.54	67%
8.54 - 9.91	78%
9.91 - 11.43	50%
11.43 - 12.2	100%
12.2 - 13.72	60%
13.72 - 15.24	40%
15.24 - 16.0	80%
16.0 - 29.73	100%
29.73 - 31.25	70%
31.25 - 35.82	100%
35.82 - 37.35	80%
37.35 - 58.69	100%
58.69 - 60.21	80%
60.21 - 61.74	30%
61.74 - 62.96	25%
62.96 - 64.18	100%
64.18 - 85.37	100%

Hole #2 - 95%

DIAMOND DRILL RECORD

PROPERTY WHIPSAW HOLE No. DDH- 86 - 3

DIP TEST		
	Angle -60°	
Footage	Reading	Corrected

Hole No. 3 Sheet No. 1
Section
Date Begun Feb 20, 1986
Date Finished Feb 24, 1986

Lat.
Dep.
Bearing 125° (mag)
Elev. Collar 1489meters asl

Total Depth 22.1 meters
Logged By G. Crooker
Claim
Core Size N Q

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
0 - 2.74	Casing						
2.74 - 16.31	green s ericite hornblende schist, rusty fractures						
	3.66 - 16.31m - broken core, ½% diss. py						
	4.12m - py on narrow fractures						
	6.86 - piece of quartz vein, 5%py						
	7.62m - 15.2cm reddish clay zone						
	9.76m - clay on fractures						
	14.48 - 14.63m - orange-brown clay						
	15.55 - 15.7m - brown-orange clay, fragments of schist						
16.31 - 18.29	- light grey feldspar porphyrydike, silicious,						
	rusty, diss. py						
18.29 - 19.06	- dark green hornblende schist						
19.06 - 19.21	- light grey feldspar porphyry dike						
19.21 - 20.73	dark green hornblende schist, rust,						
	broken core						
22.1	end of hole						
	py - pyrite mal - malachite						
	ga - galena cpy - chalcopyrite						
	sp - sphalerite az - azurite						
	asp - arsenopyrite						

D D H - 86 - 3 **Core Recovery**

Intermal meters	Per Cent Core Recovery
0 - 2.74	Casing
2.74 - 3.81	100%
3.81 - 5.34	50%
5.34 - 6.86	40%
6.86 - 8.38	40%
8.38 - 9.91	30%
9.91 - 11.43	100%
11.43 - 12.96	50%
12.96 - 14.79	100%
14.79 - 16.01	38%
16.01 - 16.92	67%
16.92 - 18.45	50%
18.45 - 19.21	80%
19.21 - 20.73	80%
20.73 - 22.1	0%

Hole #3 - 58%

DIAMOND DRILL RECORD

PROPERTY WHIPSAW

HOLE No. DDH - 86 - 4

DIP TEST		
	Angle -60°	
Footage	Reading	Corrected

Hole No. 4 Sheet No. 1
Section
Date Begun Feb. 25, 1986
Date Finished March 12, 1986

Lat.
Dep.
Bearing 240° (mag)
Elev. Collar 1489m asl

Total Depth 164.63 meters
Logged By G. Crooker
Claim
Core Size N Q

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton		
0. - 3.05	Casing						
3.05 - 12.81	fine grained hornblende schist, rusty fractures,	020	1.52, 3.05 -4.57	<0.002	0.05		
	broken core, ½% disseminated py						
	7.62 - 7.77m - grey clay						
12.81 - 16.77	grey, feldspar porphyrydike, rusty						
	14.33 - 15.55m - crushed, rusty dike, orange clay	021	1.52, 14.33 -15.85	<0.002	0.07		
	15.55 - 16.77m - moderate clay alteration						
16.77 - 20.58	finegrained, darkgreen hornblende schist,						
	- fractured, some broken core, py & sp on fractures						
	18.9m - 1.3cm quartz veinlet						
20.48 - 21.04	weak clay alteration, fractured, 6-13mm	022	1.52, 20.58 -22.1	<0.002	0.07		
	quartz-carbonate veinlets, 20% py, cpy, ga, bo?;						
21.04 - 23.48	grey clay zone, serpentenized, fractures with calcite and						
	pyrite, light green mineral -(alt. product?) 2%py						
	21.95m - quartz vein @ 40°, 2.5cm breccia zone, 7.5cm						
	vein, 5% py on fractures, & associated green						
	mineral, 6mm quartz veinlets with py						
23.48 - 32.77	black hornblende schist, clay, py, calcite on fractures						
	24.39m- 7.5cm breccia zone, silicified, later carbonate						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 4 Sheet No. 2 Lat. Total Depth .....

Section Dep. Logged By .....

Date Begun ..... Bearing ..... Claim .....

Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH(m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton		
	veining, 5% py						
	25.0 - 25.31m - breccia, silicified, later carbonate veinlets, clay altered, 2% py, minor cpy						
	25.92m - quartz-carbonate veinlets @ 32°, py, sp? light brown clay? mineral, light green mineral						
	28.81 - 32.77m - more intensely fractured, epidote, later carbonate veinlets, 3% py						
	29.57 - silicifiation parallels hole						
	30.18m - fractures @ 35°, brown mineral						
	32.32m - 2.5cm qtz veinlet @ 15°, 10% py						
32.77 - 37.96	- light greypgreen feldspar porphyrydike, 2% fg, disseminated py, dark green alt. mineral						
	- narrow cross cutting fractures						
	33.84 - 34.45 - breccia, silicified zone, 2.5cm	023	1.52, 33.84 -35.37	<0.002	0.10		
	quartz veinlet @ 45°, 2% py, ½% sp, ½% ga.						
	36.28 - 36.59 - 3mm quartz-carbonate veinlets @ 10°, py, ga, cpy, sp.						
37.96 - 82.32	limey, black hornblende schist, py 2%, epidote, on fractures						
	38.42m - 3mm quartz-carbonate veinlet @ 35° cuts a 15.2cm silicified zone with epidote						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 4 Sheet No. 3 Lat. .....
Section ..... Dep. .....
Date Begun ..... Bearing .....
Date Finished ..... Elev. Collar .....

Total Depth .....
Logged By .....
Claim .....
Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton		
	5% py, minor sp						
	42.23 - 42.68 - silicified zone @ 15°, 15% brown mineral						
	(quartzite)? 15% epidote, later calcite veinlets						
	42.23m - 3mm quartz veinlets @ 25°, later calcite						
	veinlets, 2% py						
	46.04m - 7.5cm silicified zone, 10% py, 1% sp, 1% ga						
	46.34m - 3mm quartz veinlets @ 80°, 60% py						
	48.78m - 49.09m - clay altered, 3mm quartz-carbonate						
	veinlets						
	56.1m - 56.4m - 1.25cm quartz-carbonate veinlets @ 40°						
	57.47 - 57.93m - grey-green quartzite						
	60.67 - 60.98m - clay altered zone, 3.1cm quartz						
	carbonate zone @ 35°, no mineralization						
	65.35 - 65.65m - silicified zone, 3mm quartz-carbonate	024	1.52, 65.24 -66.77	<0.002	0.17		
	veinlets @ 55°, 2.5cm veinlet, 10% py, 10% sp,						
	1% ga, cpy,						
	65.24 - 66.77m - 3mm quartz-carbonate veinlets, py, sp						
	67.23 - 67.38m - clay altered zone, weakly silicified,						
	10% py						
	69.66, 70.73m - 2.5cm quartz veinlets @ 20°, 2% py						
82.32 - 86.43	- grey-green feldspar porphyrydike - 2%py feldspar						
	altered to brown clay (kaolinite)?						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 4 Sheet No. 4 Lat. Total Depth .....

Section Dep. Logged By .....

Date Begun Bearing Claim .....

Date Finished Elev. Collar Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton		
	83.23m - fractures with py @ 70°, feldspar altered to light green mineral, py on rims						
86.43 - 90.55	- dike @ 35°						
86.43 - 90.55	- green-black hornblende schist, py, epidote on fractures,						
	87.65m - 3.1cm quartz-carbonate-epidote @ 38°, 10% py						
	89.63, 89.79m - 6mm quartz-carbonate veinlets @ 65°, 10% py, 15% sp, 2% cpy						
90.55 - 91.92	- light grey feldspar porphyrydike @ 40°						
	- fragments of hornblende schist along margins,						
	- 1% py on fractures, 1% diss. py						
91.92 - 92.23	- hornblende schist,						
92.23 - 92.99	- light grey feldspar porphyrydike, top margin @ 70°, bottom @ 30°						
92.99 - 128.35	- dark green hornblende schist, fewer fractures with py, epidote, some 2mm veinlets						
	93.9m - 2.5cm quartz-carbonate zone, 5% py						
	95.43m - 3.1cm silicified, quartz-carbonate zone @ 60°, 10% py, 10% ga,						
	98.63m - quartz veinlet @ 30°						
	103.05, 103.35m - 3.1cm quartz-carbonate veinlets @60° 10% py, 5% sp, sp rims py,						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 4 Sheet No. 5 Lat. .....
Section ..... Dep. .....
Date Begun ..... Bearing .....
Date Finished ..... Elev. Collar .....

Total Depth .....
Logged By .....
Claim .....
Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton		
	108.23 - 108.69m - serpentenized						
	110.06m - 3.8cm quartz-carbonate @ 50°, 50% py						
	111.89m - 2.5cm silicified zone, @ 80°, 20% py						
	114.33 - 118.14m - brecciated zone, white quartz	025	.92, 114.33 -115.24	<0.002	0.07		
	fragments, brown chalcedony?, fragments, later calcite veinlets	026	1.22, 116.62 -117.84	0.002	0.13		
	116.77m - 2.5cm silicified zone @ 40°, 50% py						
	117.38 - 117.84m - quartz-carbonate veinlets & brown chalcedony ?, quartz veinlets, 15% py, 3% cpy						
	122.38m - 2.54cm quartz-carbonate veinlet, 15% py						
	122.41m - 6mm quartz-carbonate veinlets						
	126.67 - 126.98m - breccia, quartz-carbonate matrix and veinlets, 3% py	027	.92, 126.07 -126.98	<0.002	0.05		
	127.44 - 128.2m - minor breccia zone, 5% py, ga, mal,	028	.76, 127.44 -128.2	0.004	0.23		
	128.2 - 128.51m - silicified, quartz veins @ 70° highly mineralized, 5% py, %% cpy, 5% sp, 1% ga, possibly other fine grained grey sulphides	029	.31, 128.20 -128.51	0.088	5.19		
128.35 - 145.43	light green hornblende schist, less fracturing						
	132.01m - 3mm fracture @ 40°, py, sp, ga						
	135.67m - 3.1cm quartz-carbonate veinlet @65°, 5%sp & py						
	136.59m - 1.3 - 2.5cm quartz veinlet @ 35°, barren						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 4 Sheet No. 6 Lat. ..... Total Depth .....

Section ..... Dep. ..... Logged By .....

Date Begun ..... Bearing ..... Claim .....

Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton		
	139.94m - 3.1cm quartz-carbonate veinlet @70°, 5%py, 3%sp						
	144.67 - 144.97m - silicified zone, 20%py, 5%sp, 2%cpy						
	2.5cm quartzpcarbonate veinlet @ 65°						
145.43 - 148.92	dark grey feldspart porphyrydike @ 40°						
	fractured with py, ½% diss. py						
148.02 - 151.22	fg, lightgreen hornblende schist, fracturing with py						
	and epidote						
	149.7m - 3.1cm quartz-carbonate zone @ 70°, py						
	150.76 - 151.22m - quartz-carbonate breccia, py, some	030	~~1.22,150.92~~ -152.13	0.002	0.10		
	chalcedony?, banded,						
151.22 - 152.74	dark grey feldspar porphrydike, fractured py, minor						
	sp, cpy						
152.74 - 164.63	light green hornblende schist, fracturing with py	031	~~1.22,152.13~~ -153.35	< 0.002	0.22		
	154.27m - 3.1cm quartz-carbonate veinlets @ 65°,						
	py,cpy						
	154.57m - 2.5cm quartz veinlet @ 60°, py						
	154.57 - 164.63 - less fracturing						
164.43	end of hole						
	py - pyrite asp - arsenopyrite						
	ga - galena mal - malachite						
	sp - sphalerite cpy - chalcopyrite						
	bo - bornite						

DDH - 86 - 4

CORE RECOVERY

Interval meters	Per Centage Core Recovery
0 - 3.05	Casing
3.05 - 3.66	100%
3.66 - 5.18	60%
5.18 - 6.71	50%
6.71 - 8.08	67%
8.08 - 8.69	100%
8.69 - 9.60	67%
9.60 - 10.52	83%
10.52 - 11.28	40%
11.28 - 12.81	70%
12.81 - 14.33	40%
14.33 - 20.73	100%
20.73 - 21.34	50%
21.34 - 24.39	100%
24.39 - 25.92	70%
25.92 - 164.63	100%

Hole #4 - 95%

DIAMOND DRILL RECORD

PROPERTY WHIPSAW HOLE No. DDH - 86 - 5

DIP TEST		
	Angle -60°	
Footage	Reading	Corrected

Hole No. 5 Sheet No. 1 Lat.
Section Dep.
Date Begun March 14, 1986 Bearing 060° (mag)
Date Finished April 13, 1986 Elev. Collar 1489meters

Total Depth 183.38meters
Logged By G. Crooker
Claim
Core Size N Q

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton		
0 - 8.84	Casing, grey-green hornblende schist, minor rusty						
	fractures						
8.84 - 15.24	grey-green hornblende schist, minor s ericite, minor						
	rusty fractures, broken core, 1/2% diss. py						
15.24 - 15.7	orange clay						
15.7 - 16.16	light grey, feldspar porphyrydike, py,						
16.16 - 22.1	grey-green hornblende schist						
	16.62 - 17.07m, 3mm quartz veinlets						
	17.53m - several pieces of dike						
22.1 - 23.63	light grey feldspar porphyrydike, vuggy rusty, diss. py.						
23.63 - 37.5	grey-green hornblende schist, broken core, rusty						
	fractures, with pyrite						
	24.39m - 3mm quartz-carbonate veinlets parallel to						
	hole, 5% diss. py						
	26.52m - 1.5mm quartz veinlets, 2% py, flecks of cpy						
	27.44m - tiny fragments of quartz veinlets						
	31.1 - 37.04m - more intensely fractured, rusty, py						
	32.93 - 34.6m - up to 1.3cm quartz veinlets, @ 80°,	032	~~1.68~~,33.23 -34.91	0.002	0.33		
	some breccia, 5% py, minor cpy, epidote						
	34.3 - 34.91m - 3 to 13mm quartz-carbonate veinlets						
	@ 80°, 5% py, 3% ga, 3% sp.						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 5 Sheet No. 2 Lat. .....

Section ..... Dep. .....

Date Begun ..... Bearing .....

Date Finished ..... Elev. Collar .....

Total Depth .....

Logged By .....

Claim .....

Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton		
			1.83,35.67				
	35.67 - 36.13m - grey clay, quartz fragments with py, ga	033	-37.5	0.002	0.22		
	36.13 - 37.5m , silicification, quartz-carbonate						
	veinlets parallel to hole, 10%py, bluish stain						
37.5 - 38.11	grey-green feldspar porphyrydike, 2% py, fract. @ 30°						
38.11 - 83.38	grey-green hornblende schist, epidote, py on						
	fractures						
	38.11 - 38.57m, 1.5mm to 13mm quartz veinlets						
	39.63 - 10.2cm feldspar porphyrydike @ 70°						
	40.4 - 40.55m - quartz-carbonate veinlets, py						
	41.46 - 48.17m - banded schists @ 45°						
	45.73 - 6mm quartz veinlets, 2.5cm quartz-carbonate						
	veinlets @60°, 15%sp, 10%py, 5% green mineral, epidote						
	56.71m - 2.5cm quartz veinlet @ 15°, barren						
	56.86m - 10.1cm silicified zone, sp, cpy, py, epidote						
	59.6, 61.13m - 1.3-2.5cm quartz veinlet @10°, 10%py epidote						
			1.07,62.5				
	62.5 - 63.57m - silicified zone	034	-63.57	0.038	4.20		
	62.5m - 2.5cm quartz-carbonate veinlet @ 50°, 15%py,						
	10% sp, 2% cpy, ½% ga						
	6mm quartz-carbonate veinlet parallel to hole, py,						
	sp, cpy, ga, py, 63.11 - 63.57m						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 5 Sheet No. 3 Lot. ..... Total Depth .....

Section ..... Dep. ..... Logged By .....

Date Begun ..... Bearing ..... Claim .....

Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton		
	63.57m - 2.54cm quartz veinlet, py, sp, cpy, ga						
	64.39m - 7.6cm quartz-carbonate veinlet @ 15°, cpy, sp,						
	py, ga						
	67.38m - 3 to 25mm quartz veinlets with py, epidote,						
	fractures with py						
	73.02m - 10.2cm silicified zone, 5% py						
	78.81m - 15.2cm chalcedony? breccia, banded, 5% py						
	80.18 - 89.02m - broken core, py and a bluish stain on						
	fractures.						
	81.56 - 81.86m - grey clay zone						
83.38 - 84.15	light grey, feldspar porphyrydike, diss. py						
84.15 - 89.48	green hornblende schist						
	87.2 - 87.35m - grey clay zone						
	89.02 - 87.48m - quartz-carbonate veining @ 50°						
89.48 - 91.01	quartz-carbonate breccia, 1%py, green mineral	035	~~1.98~~,89.18 -91.16	0.002	0.07		
91.01 - 91.31	grey clay						
91.31 - 91.62	soft, black, sooty material	036	~~076~~,91.16 -91.92	< 0.002	0.03		
91.62 - 94.82	light green, weak to moderate clay alteration						
94.82 - 95.12	grey clay						
95.12 - 95.88	light green, weak to moderate clay alteration						
95.88 - 97.1	hornblende schist						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 5 Sheet No. 4 Lat. ..... Total Depth .....

Section ..... Dep. ..... Logged By .....

Date Begun ..... Bearing ..... Claim .....

Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton		
	95.19m - 3.1cm quartz veinlet, 5% py						
97.1 - 98.32	light green, moderate to strong clay alteration						
98.32 - 99.09	grey clay zone						
99.09 - 99.39	weak to moderate clay alteration						
99.39 - 110.67	grey to black, hornblende schist, fractured, with py,						
	occasional minor cpy						
	100.61m - 1.3cm quartz veinlet @90°, 20%py, cpy, asp?						
	101.22m - 2.5cm quartz-carbonate veinlets @22°, chalcedony?						
	104.57m - 1.3cm quartz-carbonate veinlet @ 18°, 15% py,						
	10% sp, 1% ga, 1% cpy						
	104.88m - banding @ 60°						
110.67 - 117.07	dark grey lapilli tuff?, banded, fractures with py,						
	occasional .64cm quartz veinlets						
117.67 - 132.62	light green, banded, biotite, hornblende schist						
	118.29 - 118.9m - weak clay alteration						
	121.19m - 1.3cm quartz-carbonate veinlet, sp						
	122.26m - 5.1cm quartz-carbonate veinlet @ 25°, minor py						
	125.31m - 5.1cm fragment of quartz, 2% py						
	125.61m - limey schist, banding @ 70°, occasional						
	narrow quartz veinlets, py, flecks cpy, asp.						
	132.47m - 2.5cm quartz veinlets, py, flecks cpy, ga,						
	silver mineral						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 5 Sheet No. 5 Lat. ..... Total Depth .....

Section ..... Dep. ..... Logged By .....

Date Begun ..... Bearing ..... Claim .....

Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton		
132.62 - 136.59	biotite feldspar gneiss?						
136.59 - 140.24	banded hornblende schist						
140.24 - 140.85	quartz carbonate breccia, banded, 2-5% py	037	0.61, 140.24 -140.85	< 0.002	0.07		
140.85 - 142.53	biotite feldspar gneiss?						
	141.62m - 5.1cm quartz veinlet						
142.53 - 148.63	banded biotite - hornblende schist						
	143.6m - 6mm quartz veinlet @70°, py, sp, ga						
	147.26m - 15.2cm quartz-carbonate breccia						
	147.56m - 10.2cm quartz-carbonate veinlet @ 60°						
	147.56-148.32m - 6 to 25mm quartz-carbonate veinlets @70°						
148.63 - 155.79	biotite hornblende gneiss, serpentenized fractures						
	152.13 - 153.96m - occasional 6 to 25mm quartz veinlets, 5% py, 1% sp						
155.79 - 156.86	feldspar porphyrydike, py, @ 80°						
156.86 - 167.99	biotite hornblende feldspar gneiss?						
	foliation @ 60°, serpentine on fractures						
	- 1.5mm quartz veinlets, minor py, cpy, sp						
167.99 - 168.45	grey clay zone						
168.45 - 169.51	quartz-carbonate breccia, py, minor sp	038	1.07, 168.45 -169.51	< 0.002	0.15		
169.51 - 169.97	light grey talc schist						
169.97 - 173.63	biotite hornblende feldspar gneiss						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 5 Sheet No. 6 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton		
173.63 - 183.38	grey-green porphyroblastic feldspar hornblende						
	schist, hematite on fractures, occasional narrow						
	fractures with py						
	174.24 - 174.54m - barren quartz vein						
	179.83m - 2.5cm quartz veinlet, 10%py, ½%cpy						
183.38	end of hole						
	py - pyrite mal - malachite						
	ga - galena cpy - chalcopyrite						
	sp - sphalerite az - azurite						
	asp - arsenopyrite						

DDH - 86 -5

CORE RECOVERY

Interval meters	Per Centage Core Recovery
0 - 8.84	Casing
8.84 - 9.91	67%
9.91 - 10.98	43%
10.98 - 11.59	50%
11.59 - 12.96	44%
12.96 - 13.87	83%
13.87 - 14.79	67%
14.79 - 16.01	88%
16.01 - 16.62	75%
16.62 - 17.53	67%
17.53 - 18.75	88%
18.75 - 19.36	100%
19.36 - 20.88	50%
20.88 - 22.1	38%
22.1 - 22.41	50%
22.41 - 23.78	44%
23.78 - 25.15	78%
25.15 - 27.13	100%
27.13 - 28.2	29%
28.2 - 29.73	50%
29.73 - 30.95	88%
30.95 - 89.18	100%
89.18 - 90.7	80%
90.7 - 92.23	70%
92.23 - 93.75	100%
93.75 - 95.27	90%
95.27 - 168.45	100%
168.45 - 169.51	67%
169.51 - 183.38	100%

Hole #5 - 95%

DIAMOND DRILL RECORD

PROPERTY WHIPSAW HOLE No. DDH - 86 - 6

DIP TEST		
	Angle -50°	
Footage	Reading	Corrected

Hole No. 6 Sheet No. 1 Lat.

Section Dep.

Date Begun April 10, 1986 Bearing 235° (mag)

Date Finished April 16, 1986 Elev. Collar 1494 meters asl

Total Depth 53.05 meters

Logged By G. Crooker

Claim

Core Size N.Q

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
0 - 53.05m	overburden						

DIAMOND DRILL RECORD

PROPERTY WHIPSAW

HOLE No. DDH - 86 - 7

DIP TEST		
	Angle -50°	
Footage	Reading	Corrected

Hole No. 7 Sheet No. 1 Lat.

Section Dep.

Date Begun April 18, 1986 Bearing 023° (mag)

Date Finished May 4, 1986 Elev. Collar 1494 meters asl

Total Depth 153.05 meters

Logged By G. Crooker

Claim

Core Size N Q

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton		
0 - 26.22m	Casing						
26.22 - 27.44	fine grained, light grey felsic dike, 2% diss.						
	py, rusty fractures, brown clay?		1.98, 27.44				
27.44 - 29.42m	rusty pegmatite, 1-2% diss py, fine grained	039	-29.42	<0.002	0.06		
	grey sulphide, fractured @ 025°, intergrowths, quartz						
	and feldspar						
29.42 - 30.95m	grey felsic dike, minor diss. py		1.07, 30.95				
30.95 - 33.99m	pegmatite, intergrowths quartz and feldspar,	042	-32.01	0.006	0.11		
	rusty, fract., 1% diss. py, narrow quartz veinlets	043	1.52, 32.01 -33.54	<0.002	0.01		
	31.71m - 2mm fracture, cpy, py, sp, ga						
	33.54 - 33.69m - 15cm, 10%py, minor cpy, sp, ga	040	0.61, 33.54 -34.15	0.014	0.76		
	33.69 - 33.99m - quartz carbonate veinlet @25°						
33.99 - 34.15	brown, silicified schist						
34.15 - 39.79	grey, banded biotite hornblende schist						
	foliation @ 45°, narrow fractures, py, sp						
	34.15 - 34.45m - 2mm fractures, py, sp						
	37.81m - stringer py, sp						
39.79 - 40.24	fg, dark grey granodiorite						
40.24 - 42.07	hornblende schist, fractured with py						
42.07 - 43.60	silicified schist and dike, 2% diss. py,	041	1.52, 42.07 -43.60	0.008	0.20		
	42.23m - 10cm quartz veinlet, py, minor sp?						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 7 Sheet No. 2 Lat. .....

Section ..... Dep. .....

Date Begun ..... Bearing .....

Date Finished ..... Elev. Collar .....

Total Depth .....

Logged By .....

Claim .....

Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton		
43.60 - 48.17	hornblende schist, minor fractures with py, sp						
	46.65m - 20cm grey, granodiorite dike						
48.17 - 48.78	grey biotite granodiorite						
48.78 - 51.07	hornblende schist						
	49.70 - 50.00m - fractured, epidote, pyrite						
51.07 - 51.52	grey biotite granodiorite, minor diss. py, conforms to bedding						
51.52 - 55.64	hornblende schist, with 2.5 to 10cm sills of granodiorite parallel to bedding						
	54.27m - 2.5cm quartz veinlet @ 15°, 1% py, 5%sp						
55.64 - 57.62	grey biotite granodiorite, minor diss. py						
	56.86m - 2.50cm quartz veinlet, 5% cpy						
57.62 - 58.54	hornblende schist						
58.54 - 58.84	grey biotite granodiorite						
58.84 - 60.98	hornblende schist, with 10cm sills of granodiorite		1.98,60.98				
60.98 - 62.96	light grey, feldspar porphyrydike, fractured and silicified, cut by up to 2.5cm wide quartz veinlets @35° to 60°, minor carbonate veining, py, sp, cpy, minor ga	044	-62.96	0.006	0.26		
62.96 - 63.26	hornblende schist, banded @ 60°						
63.26 - 63.42	feldspar porphyry dike						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 7 Sheet No. 3 Lat. ..... Total Depth .....

Section ..... Dep. ..... Logged By .....

Date Begun ..... Bearing ..... Claim .....

Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton		
63.42 - 64.79	feldspar porphyry dike, silicified and fractured,	045	**1.37**,63.42 -64.79	0.014	0.26		
	cut by up to 2.5cm quartz veinlets @ 20°,						
64.79 - 66.92	banded hornblende schist, minor fracturing						
66.92 - 68.75	silicified feldspar porphyry dike,	046	**1.83**,66.92 -68.75	0.016	0.51		
	cut by quartz veinlets, up to 10% py, 1%sp, 1%cpy						
	67.38 - 67.68m quartz carbonate breccia						
68.75 - 69.36	banded hornblende schist						
69.36 - 73.02	sill of granodiorite @ 65°						
	70.12 - 70.73m - 6mm quartz-carbonate veinlet, py						
	@10°, parallels hole, 7.5cm section schist						
73.02 - 75.00	banded hornblende schist						
75.00 - 76.07	pegmatite, ½% diss py, sp, fracturing @15°	047	**1.07**,75.00 -76.07	<0.002	0.01		
76.07 - 79.57	banded hornblende schist						
79.59 - 80.64	granodiorite sill, parallels schist @ 55°						
80.64 - 85.06	banded schists minor fract., py, several 2.5 to 15.2cm						
	granodiorite sills						
85.06 - 85.98	pegmatite, minor diss. py, sp on fracturing @ 5°	048	**0.91**,85.06 -85.98	0.002	0.02		
85.78 - 100.61	handed schist, minor fracturing, epidote, py						
	87.20m - 2.5cm quartz veinlet, py						
	87.96 - 88.11m silicified zone, 20% py, 2.5cm quartz						
	veinlet						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 7 Sheet No. 4 Lat. Total Depth .....

Section ..... Dep. Logged By .....

Date Begun Bearing Claim .....

Date Finished Elev. Collar Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton		
	91.01 - 91.16 silicified zone, fract, py, sp, cpy						
	91.46 - 91.77m silicified zone, fract, py, sp, cpy						
	92.99m - 22.9cm sill granodiorite						
	95.73m - 15.2cm silicified zone						
	96.49m two - 3mm qtz veinlets, py, sp, cpy, ga						
	96.65m 25.4cm sill granodiorite						
	97.10m - 2.5 to 5.0cm quartz veinlet, py, cpy, sp						
100.61 - 103.81	silicified feldspar porphyry dike, minor fracturing,						
	narrow sills of granodiorite						
103.81 - 106.71	granodiorite, minor fracturing, epidote						
	-several 7.6 to 15.2cm zones of banded schist						
106.71 - 108.38	banded schist, fractured, py, minor cpy						
108.38 - 109.60	silicified zone, fracturing with py, cpy, ga	049	1.22, 108.38 -109.60	0.018	0.73		
	109.15m - 2.5cm qtz veinlet @10°, 10% py, 5%cpy, sp, ga						
109.60 - 110.21	pegmatite, diss py	050	0.61, 109.60 -110.21	0.002	0.04		
110.21 - 111.43	silicified zone, py on fractures	051	1.22, 110.21 -111.43	0.002	0.10		
111.43 - 112.20	feldspar porphyry dike						
112.20 - 117.85	schist, minor fracturing, py, epidote						
	narrow sills of granodiorite						
	114.79 - 5.1cm quartz veinlet, py, cpy, ga						
117.85 - 118.45	silicified zone, quartz-carb. Bx, py, cpy, sp	052	1.07, 117.85 -118.45	0.016	0.41		

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 7 Sheet No. 5 Lat. ..... Total Depth .....

Section ..... Dep. ..... Logged By .....

Date Begun ..... Bearing ..... Claim .....

Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton		
118.45 - 118.90	schist						
118.90 - 128.66	pegmatite, minor narrow quartz veinlers py, cpy, sp						
	128.20m - 7.6cm quartz carbonate zone, py, sp						
128.66 - 134.76	mainly granodiorite, narrow zones of pegmatite, minor						
	fracturing, py, cpy, sp						
134.76 - 138.26	banded schist, fract. with epidote and py,						
	134.91m - two 2.5cm qtz veinlets, minor py						
	- 2.5 - 7.5cm granodiorite sills						
138.26 - 138.72	granodiorite sill						
138.72 - 140.40	banded schist						
140.40 - 141.62	granodiorite sill, minor fract, py, sp						
	140.40m - 1.3cm quartz veinlet @ 45°, 50% py, sp						
141.62 - 144.21	banded schist @ 65°						
144.21 - 145.12	granodiorite sill, fract. py, epidote						
145.12 - 146.80	banded schist						
	145.27m - 7.5cm barren qtz. veinlet, @ 65°						
146.80 - 147.71	granodiorite sill @ 70°, minor fract, epidote						
147.71 - 153.05	banded schist, minor fracturing						
	148.17m - 5.1cm barren quartz veinlet @ 80°						
	149.24m - 3mm fract., py, sp						
	- 2.5cm qtz veinlet, 5% py, ½% sp						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 7 Sheet No. 6 Lat. ..... Total Depth .....

Section ..... Dep. ..... Logged By .....

Date Begun ..... Bearing ..... Claim .....

Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	149.66m - 1.25cm quartz veinlet 1% py, sp						
	150.11 - 6mm quartz veinlet, py, sp						
	152.71m - 1.5mm fract. @ 20°, py, sp						
153.05	end of hole						
	Core Recovery 100%						
	py - pyrite						
	ga - galena						
	sp - sphalerite						
	asp - arsenopyrite						
	mal - malachite						
	cpy - chalcopyrite						
	az - azurite						

DIAMOND DRILL RECORD

PROPERTY WHIPSAW

HOLE No. DDH - 86 - 8

DIP TEST		
	Angle -50°	
Footage	Reading	Corrected

Hole No. 8 Sheet No. 1
Section
Date Begun May 8, 1986
Date Finished May 22, 1986

Lat.
Dep.
Bearing 205° (mag)
Elev. Collar 1677 meters asl

Total Depth 125.31meters
Logged By G. Crooker
Claim
Core Size N Q

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton		
0 - 7.93	Casing						
	-light grey-green, feldspar porphyry						
	-rusty fractures, py, epidote						
	3.05 - 3.66m hornblende schist						
	3.66 - 6.71m - intensely fractured, rusty, py,	054	1.52, 3.66 -5.18	<0.002	0.02		
	-flecks biotite, hornblende						
	6.71 - 7.93m - feldspar prophyry, py bands, 1.5mm wide						
7.93 - 9.30	light grey-green feldspar porphyry, fractured, py, epidote						
	8.23m - 1.3cm quartz veinlet, massive py, @ 65°						
	8.99 - 9.15m - silicified, pyrite						
9.30 - 11.89	dark green hornblende schist @ 15°						
	9.76 - 11.28m - greenish clay alteration, fractured 1.5mm	055	1.52, 9.76 -11.28	<0.002	0.04		
	quartz veinlets, py						
	10.67m - 2.5cm quartz veinlet @ 85°, minor epidote, py						
11.89 - 12.20	-light grey, mg, granodiorite, biotite, hornblende						
12,20 - 12.50	hornblende schist						
12.50 - 23.63	-light grey, mg, granodiorite, biotite, hornblende	056	1.52, 21.34 -22.87	<0.002	0.01		
	-minor fracturing, epidote, ½% diss. py, flecks mo,						
	12.81m - 3mm quartz veinlets @ 15°, 5% py, epidote						
	flecks mo						
	13.57 - silicification, py						

DIAMOND DRILL RECORD

PROPERTY WHIPSAW HOLE No.

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8 Sheet No. 2 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton		
	14.79 - 14.94m two 3mm quartz veinlets, 10%py, 1/10%mo						
	-fracturing, py, flecks mo						
	17.38 - 17.53 - silicification, epidote, py, up to ¼%mo						
	17.99m - py, mo, on fractures						
	19.51m - silicification, py, 3mm quartz veinlets						
	19.82m - 2.5cm quartz veinlet @ 80°, py, minor cpy, mo						
	19.82 - 22.87m - weak quartz stockwork, epidote, py, mo,						
	cpy?						
23.63 - 23.93	silicious dike, fractured, py						
23.93 - 24.70	feldspar porphyry dike, fractured, py						
24.70 - 25.31	silicious dike, fractured, py,						
25.31 - 28.51	feldspar porphyry dike, fractured, py						
	26.37 - 27.74m - weak quartz stockwork, epidote, py,	057	~~1.37~~,26.37 -27.74	< 0.002	0.02		
	minor sp						
28.51 - 34.15	granodiorite						
	-occasional weak silicification, epidote, py,						
34.15 - 34.76	-silicified breccia zone, 10% py, mo	058	~~0.61~~,34.15 -34.76	< 0.002	0.03		
34.76 - 41.62	feldspar porphyry, weakly fractured, epidote, py,						
	occasional 3mm quartz veinlets, epidote, py,						
	hematite						
	14.62m - 10cm silicified zone, py, ½% mo						

DIAMOND DRILL RECORD

PROPERTY ..... HOLE No. .....

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 8 Sheet No. 3 Lat. ..... Total Depth .....

Section ..... Dep. ..... Logged By .....

Date Begun ..... Bearing ..... Claim .....

Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH (m)	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE (m)	Au oz/ton	Ag oz/ton		
41.62 - 42.68	hornblende schist						
42.68 - 44.82	granodiorite, weakly fractured, py						
44.82 - 45.12	feldspar porphyry dike						
45.12 - 48.78	granodiorite, weakly fractured						
48.78 - 61.13	mixed zone of feldspar porphyry & granodiorite						
	occasional fractures, epidote, py						
61.13 - 77.44	granodiorite, weakly fractured						
77.44 - 82.93	feldspar porphyry, weakly fractured						
	78.96 - 79.12m - quartz-carb. breccia, py						
	82.93m - mo on fracture						
82.93 - 85.67	pegmatite						
85.67 - 93.90	granodiorite, weakly fractured						
93.90 - 125.31	mixed zone of feldspar porphyry & granodiorite						
	104.88 - 105.49m - biotite rich						
125.31	end of hole						
	100% core recovery						
	py - pyrite mo - molybdenite						
	cpy - chalcopyrite						

A P P E N D I X - II

COST STATEMENT

COST STATEMENT

Salaries	
G. Crooker, Geologist Jan. 11, 16, 21, 29, Feb. 3, 4, 10, 12, 14, 17, 28, March 3, 5, 8, 15, 17, 22, 25, 26, April 1, 10, 11½, 21, 22, May 15, 16, 18, 20, 22, 31½, June 5, 6, 1986 31 days @ $350.00/day	$10,850.00
Meals and Accommodation	
G. Crooker Jan. 11, 21, 29, Feb. 14, 28, March 8, 15, 17, 22, 25, 26 April 10, 11½, 21, 23, May 18, 22, 1986 16½ days @ $60.00/day	$ 990.00
Transportation	
Vehicle Rental (Ford 3/4 ton 4X4) Jan 11, 21, 29, Feb. 14, 28, March 8, 15, 17, 22, 25, 26, April 10, 11½day, 21, 23, May 18, 22, 1986 16½ days @ $50.00/day	$ 990.00
Gasoline	$ 503.28
Supplies (sample bags etc.)	$ 100.00
Diamond Drilling	
George Adams Drilling, Princeton, B.C. 939.94 meters	$86,879.48
Gary Peel, (Company provided helper) June-May, 1986	$10,291.06
Vehicle (Company, Ford 4X4) June-May, 1986 5 months @ $277.00/month	$ 1,385.00
Gasoline	$ 1,100.00

continued...

Accommodation & Meals - Gary Peel Jan-May, 1986 5 months @ $1,500.00/month	$ 7,500.00

Assaying

28 core @ $11.65(Cu, Pb, Zn-ppm)	$ 326.20
14 core @ 18.05(Au, Ag, Cu, Pb, Zn-ppm)	252.70
15 core @ 10.75(Au, Ag-ppm)	161.25
17 core @ 30.75(Au, Ag-oz/ton, Cu, Pb, Zn-%)	522.75
65 core @ 14.50(Au, Ag-oz/ton)	942.50

Preparation of Report (draughting, typing, printing, office overhead etc.)	$ 1,500.00
Total	$124,294.22

A P P E N D I X - III

ASSAY CERTIFICATES

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212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Phone: (604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : LONE JACK RESOURCES LTD.
ATTN: RUDY RIEPE
501 - 700 W. PENDER ST.
VANCOUVER, B.C.
V6C 1G8

** CERT. # : A8610244-001-A
INVOICE # : I8610244
DATE : 24-JAN-86
P.O. # : NONE

ATTN: RUDY RIEPE

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm			
D-D-H-1 10-20	207	735	330	1240	--	--	--
D-D-H-1 20-30	207	560	86	960	--	--	--
D-D-H-1 30-40	207	615	135	1420	--	--	--
D-D-H-1 40-50	207	695	156	1820	--	--	--
D-D-H-1 50-60	207	550	128	1755	--	--	--
D-D-H-1 60-70	207	640	170	1440	--	--	--
D-D-H-1 70-80	207	510	97	915	--	--	--
D-D-H-1 80-90	207	401	1100	1620	--	--	--
D-D-H-1 90-100	207	417	325	1260	--	--	--

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V6C 1G8

** CERT. # : A8610422-001-A
INVOICE # : I8610422
DATE : 3-FEB-86
P.O. # : NONE

ATTN: RUDY RIEPE

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb FA+AA	
D-D-H-1 100-110	201	690	2000	9200	27.0	260	--
D-D-H-1 110-120	201	1030	9200	6100	21.0	670	--
D-D-H-1 120-130	201	310	1400	1680	6.7	60	--
D-D-H-1 130-140	201	590	2900	3200	8.0	390	--
D-D-H-1 140-150	201	136	175	278	1.6	30	--
D-D-H-1 150-160	201	245	215	350	2.2	130	--
D-D-H-1 160-170	201	238	180	365	1.5	35	--
D-D-H-1 170-180	201	220	275	650	2.6	30	--
D-D-H-1 180-190	201	185	180	430	1.3	30	--
D-D-H-1 190-200	201	140	195	440	1.1	20	--
D-D-H-1 200-210	201	185	360	680	3.4	60	--
D-D-H-1 210-220	201	187	142	410	1.4	50	--
D-D-H-1 220-230	201	170	52	173	0.5	10	--
D-D-H-1 230-240	201	157	73	225	1.1	65	--

CTA

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ATTN: RUDY RIEPE
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** CERT. # : A8610681-001-A
INVOICE # : I8610681
DATE : 17-FEB-86
P.O. # : NONE

ATTN: RUDY RIEPE CC: GRANT CROOKER

Sample description	Prep code	Cu %	Pb %	Zn %	Ag FA oz/T	Au FA oz/T	
69126	207	--	--	--	0.22	<0.002	--
69127	207	--	--	--	0.08	<0.002	--
69128	207	--	--	--	0.07	0.002	--
69129	207	0.03	<0.01	0.04	0.01	<0.002	--
69130	207	0.02	<0.01	0.03	0.01	<0.002	--
69131	207	<0.01	<0.01	0.02	0.01	<0.002	--
69132	207	0.03	0.08	0.08	0.19	<0.002	--
69133	207	0.07	0.41	0.26	2.10	0.050	--
69134	207	0.02	0.09	0.08	0.19	0.002	--
69135	207	0.01	<0.01	0.01	0.02	<0.002	--
69136	207	0.01	0.01	0.04	0.04	<0.002	--
69137	207	0.05	0.14	0.33	0.42	0.008	--
69138	207	0.03	0.41	0.30	1.44	0.016	--
69139	207	0.07	0.64	1.00	0.89	0.012	--
69140	207	<0.01	<0.01	0.02	0.01	<0.002	--
69141	207	0.01	<0.01	0.01	0.03	<0.002	--
69142	207	<0.01	0.01	0.02	0.03	<0.002	--
69143	207	0.01	<0.01	0.01	0.05	<0.002	--
69144	207	<0.01	0.01	0.04	0.05	<0.002	--
69145	207	0.01	0.02	0.02	0.08	0.002	--
69146	207	--	--	--	0.06	<0.002	--
69147	207	--	--	--	0.03	<0.002	--
69148	207	--	--	--	<0.01	<0.002	--
69149	207	--	--	--	0.02	<0.002	--

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501 - 700 W. PENDER ST.
VANCOUVER, B.C.
V6C 1G8

CERT. # : A8610724-001-A
INVOICE # : I8610724
DATE : 20-FEB-86
P.O. # : NONE

Sample description	Prep code	Ag ppm Aqua R	Au ppb FA+AA				
D-D-H-2 0-14	205	6.7	40	--	--	--	--
D-D-H-2 14-20	205	33.0	160	--	--	--	--
D-D-H-2 20-30	205	2.1	5	--	--	--	--
D-D-H-2 30-40	205	5.7	25	--	--	--	--
D-D-H-2 40-50	205	1.2	10	--	--	--	--
D-D-H-2 50-70	205	1.5	30	--	--	--	--
D-D-H-2 70-80	205	1.9	20	--	--	--	--
D-D-H-2 80-90	205	4.1	80	--	--	--	--
D-D-H-2 90-100	205	1.6	20	--	--	--	--
D-D-H-2 100-110	205	1.4	30	--	--	--	--
D-D-H-2 110-120	205	1.7	25	--	--	--	--
D-D-H-2 120-130	205	1.4	20	--	--	--	--
D-D-H-2 130-140	205	1.1	15	--	--	--	--
D-D-H-2 140-150	205	0.8	5	--	--	--	--
D-D-H-2 150-160	205	0.8	40	--	--	--	--

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TO : LONE JACK RESOURCES LTD.
ATTN: RUDY RIEPE
501 - 700 W. PENDER ST.
VANCOUVER, B.C.
V6C 1G8

CC: GRANT CROOKER

** CERT. # : A8610804-001-A
INVOICE # : I8610804
DATE : 26-FEB-86
P.O. # : NONE

Sample description	Prep code	Ag FA oz/T	Au FA oz/T				
001	207	0.13	<0.002	--	--	--	--
002	207	0.06	<0.002	--	--	--	--
003	207	0.04	<0.002	--	--	--	--
004	207	0.05	<0.002	--	--	--	--
005	207	0.06	<0.002	--	--	--	--
006	207	0.09	<0.002	--	--	--	--
007	207	0.13	<0.002	--	--	--	--
008	207	0.12	<0.002	--	--	--	--
009	207	0.05	<0.002	--	--	--	--
010	207	0.07	0.002	--	--	--	--
011	207	0.06	<0.002	--	--	--	--
012	207	0.12	<0.002	--	--	--	--
013	207	0.05	<0.002	--	--	--	--
014	207	0.05	<0.002	--	--	--	--
015	207	0.08	<0.002	--	--	--	--
016	207	0.12	0.006	--	--	--	--
017	207	0.07	<0.002	--	--	--	--
018	207	0.09	0.002	--	--	--	--
019	207	0.26	0.006	--	--	--	--
~~DS-1~~	207	0.01	<0.002	--	--	--	--
~~DS-2~~	207	<0.01	<0.002	--	--	--	--

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W. Stanimir

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TO : LONE JACK RESOURCES LTD.
ATTN: RUDY RIEPE
501 - 700 W. PENDER ST.
VANCOUVER, B.C.
V6C 1G8

CC: GRANT CROOKER

** CERT. # : A8610804-001-A
INVOICE # : I8610804
DATE : 26-FEB-86
P.O. # : NONE

Sample description	Prep code	Cu ppm	Pb ppm	Zn ppm			
001	207	855	395	4000	--	--	--
002	207	780	30	800	--	--	--
003	207	335	12	1400	--	--	--
004	207	202	11	250	--	--	--
005	207	135	75	184	--	--	--
006	207	248	500	915	--	--	--
007	207	450	38	225	--	--	--
008	207	270	1800	2600	--	--	--
009	207	173	45	104	--	--	--
010	207	195	155	500	--	--	--
011	207	220	16	100	--	--	--
012	207	275	980	5000	--	--	--
013	207	69	15	95	--	--	--
014	207	95	28	113	--	--	--
015	207	95	990	1650	--	--	--
016	207	210	840	1000	--	--	--
017	207	138	282	675	--	--	--
018	207	440	470	1100	--	--	--
019	207	315	2550	5000	--	--	--
~~DS-1~~	207	7	135	350	--	--	--
~~DS-2~~	207	10	54	113	--	--	--

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501 - 700 W. PENDER ST.
VANCOUVER, B.C.
V6C 1G8

DDH 86-4

CERT. # : A8611337-001-A
INVOICE # : I8611337
DATE : 21-MAR-86
P.O. # : NONE

ATTN: RUDY RIEPE

Sample description	Prep code	Ag FA oz/T	Au FA oz/T				
020	207	0.05	<0.002	--	--	--	--
021	207	0.07	<0.002	--	--	--	--
022	207	0.07	<0.002	--	--	--	--
023	207	0.10	<0.002	--	--	--	--
024	207	0.17	<0.002	--	--	--	--
025	207	0.07	<0.002	--	--	--	--
026	207	0.13	0.002	--	--	--	--
027	207	0.05	<0.002	--	--	--	--
028	207	0.23	0.004	--	--	--	--
029	207	5.19	0.088	--	--	--	--
030	207	0.10	0.002	--	--	--	--
031	207	0.22	<0.002	--	--	--	--

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W. Sterkmann

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CERTIFICATE OF ASSAY

TO : LONE JACK RESOURCES LTD.
ATTN: RUDY RIEPE
501 - 700 W. PENDER ST.
VANCOUVER, B.C.
V6C 1G8

CERT. # : A8611781-001-A
INVOICE # : I8611781
DATE : 21-APR-86
P.O. # : NONE

ATTN: RUDY RIEPE

Sample description	Prep code	Ag FA oz/T	Au FA oz/T				
DDH86-5 109-14.5	207	0.33	0.002	--	--	--	--
DDH-86-5 117-123	207	0.22	0.002	--	--	--	--
86-5 25-208.5	207	4.20	0.038	--	--	--	--
86-5 292.5-299	207	0.07	0.002	--	--	--	--
86-5 299-301.5	207	0.03	<0.002	--	--	--	--
DDH-86-5 460-462	207	0.07	<0.002	--	--	--	--
86-5 552.5-556	207	0.15	<0.002	--	--	--	--
J-86-012	207	0.05	0.002	--	--	--	--
J-86-013	207	0.28	0.002	--	--	--	--
J-86-014	207	0.05	0.002	--	--	--	--
J-86-015	207	0.02	<0.002	--	--	--	--
J-86-016	207	0.07	0.008	--	--	--	--

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W. Stewart

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ATTN: RUDY RIEPE
501 - 700 W. PENDER ST.
VANCOUVER, B.C.
V6C 1G8

CERT. # : A8612307-001-A
INVOICE # : I8612307
DATE : 6-MAY-86
P.O. # : NONE

ATTN: RUDY RIEPE

Sample description	Prep code	Ag FA oz/T	Au FA oz/T				
039	207	0.06	<0.002	--	--	--	--
040	207	0.76	0.014	--	--	--	--
041	207	0.20	0.008	--	--	--	--

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W. Stanbrenner

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TO : LONE JACK RESOURCES LTD.
ATTN: RUDY RIEPE
501 - 700 W. PENDER ST.
VANCOUVER, B.C.
V6C 1G8

CERT. # : A8613031-001-A
INVOICE # : I8613031
DATE : 2-JUN-86
P.O. # : NONE

ATTN: RUDY RIEPE

Sample description	Prep code	Ag FA oz/T	Au FA oz/T				
042	207	0.11	0.006	--	--	--	--
043	207	<0.01	<0.002	--	--	--	--
044	207	0.26	0.006	--	--	--	--
045	207	0.26	0.014	--	--	--	--
046	207	0.51	0.016	--	--	--	--
047	207	0.01	<0.002	--	--	--	--
048	207	0.02	0.002	--	--	--	--
049	207	0.73	0.018	--	--	--	--
050	207	0.04	0.002	--	--	--	--
051	207	0.10	0.002	--	--	--	--
052	207	0.41	0.016	--	--	--	--
053	207	0.04	<0.002	--	--	--	--

B. Stewart

VOI rev. 4/85

Registered Assayer, Province of British Columbia

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Phone: (604) 984-0221
Telex: 043-52597

CERTIFICATE OF ASSAY

TO : LONE JACK RESOURCES LTD.
ATTN: RUDY RIEPE
501 - 700 W. PENDER ST.
VANCOUVER, B.C.
V6C 1G8

CERT. # : A8612994-001-A
INVOICE # : I8612994
DATE : 28-MAY-86
P.O. # : NONE

ATTN: RUDY RIEPE

Sample description	Prep code	Ag oz/T RUSH FA	Au oz/T RUSH FA				
054	236	0.02	<0.002	--	--	--	--
055	236	0.04	<0.002	--	--	--	--
056	236	0.01	<0.002	--	--	--	--
057	236	0.02	<0.002	--	--	--	--
058	236	0.03	<0.002	--	--	--	--

VO! rev. 4/85

Anne Christie
Registered Assayer, Province of British Columbia

•Analytical Chemists •Geochemists •Registered Assayers

North Vancouver, B.C.
Canada V7J 2C1
Phone: (604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : LONE JACK RESOURCES LTD.
ATTN: RUDY RIEPE
501 - 700 W. PENDER ST.
VANCOUVER, B.C.
V6C 1G8

Whipsaw.

** CERT. # : A8610640-001-A
INVOICE # : I8610640
DATE : 17-FEB-86
P.O. # : NONE

ATTN: RUDY RIEPE

Sample description	Mo ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Bi ppm (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Ni ppm (ICP)	Ba ppm (ICP)	Fe % (ICP)	Mn ppm (ICP)	Cr ppm (ICP)	Mg % (ICP)	V ppm (ICP)	Al % (ICP)	Be ppm (ICP)	Ca % (ICP)	Cu ppm (ICP)	Ag ppm AAS	Ti % (ICP)	Sr ppm (ICP)	Na % (ICP)	K % (ICP)
D-D-H-1 110-120	<1	505	5150	810	9800	<2	21.0	15	30	1940	6.03	1040	44	1.90	152	7.18	<0.5	5.12	965	21.0	0.326	365	1.92	2.20
D-D-H-1 230-240	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Certified by Hart Bichler

V03 rev. 11/85

ANOMALY I

ANOMALY II

M30L1549

L 25+00N

DDH86-8

M30L1550

M30L1551

M30L1552

SILVER TIP Nº. 2
18219

SILVER TIP Nº. 1
18218

BZ SHOWING
Au, Ag, Cu, Pb, Zn

OK Nº. 6 Fr.
33749

OK Nº. 7 Fr.
33750

OK Nº. 8
33825

OK Nº. 3 Fr.
15767

OK Nº. 2
11980

OK Nº. 1
11979

OK Nº. 4 Fr.
15768

OK Nº. 5 Fr.
15769

MJ-3
245 (6)

DDH86-1
DDH86-2
DDH86-3
DDH86-4
DDH86-5

"D" ADIT

MARION ADIT

"B" ADIT

"A" ADIT

DDH86-7
DDH86-6

M30L172

M30L1553
M30L1555

M30L1554

M30L1556

L 7+00 N

BL.

WHIPSAW CREEK

To Princeton
32 Km

To Hwy Nº. 3
20 Km.

VHS

AHS

VHS & AHS

1

2

3

LEGEND

- 3 — EAGLE GRANODIORITE
- 2 — MIGMATITIC BORDER PHASE
- 1 — NICOLA VOLCANICS
  - VHS - VOLCANIC HORNBLENDE SCHIST
  - AHS - ACICULAR " " & GNEISS
- APPROX. GEOLOGICAL BOUNDARY
- BRECCIA ZONE
- DIAMOND DRILL HOLE
- ADIT
- ROAD
- CREEK

N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,042

GEOLOGY AFTER STOKES, 1970 & MITCHELL, 1985

LONE JACK RESOURCES LTD. (LJR)

WHIPSAW MINERAL CLAIMS

GEOLOGY & DRILL HOLE LOCATIONS

SIMILKAMEEN M.D., B.C.

0 100 200

N.T.S. 92H - 7	DATE: AUGUST 1986
DRAWN BY: G. CROOKER	FIGURE Nº. 3

CHONG