

REPORT ON 1986 DIAMOND DRILLING

SNOWFLAKE OPTION
Aspen Grove, B.C.
NTS: 92H/15E
NICOLA MINING DIVISION

Latitude: 49°50'N
Longitude: 120°35'W

R. M. Cann
July 1986

PART
2 of 2

14,983
26/197

DIAMOND DRILLING 1986
 SNOWFLAKE OPTION
 Aspen Grove, B C
 NTS: 92H/15E
 Nicola Mining Division

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

14,983
 Print 2-6-85

Latitude: 49° ~~50.1N~~ 58.6'
 Longitude: 120° ~~33.1W~~ 34.5'

Operator:

Lornex Mining Corporation Ltd
 1650, 609 Granville Street
 Vancouver B C V7Y 1G5

Owner:

Quilchena Resources Ltd and Laramide Resources Ltd.
 904, 675 West Hastings Street
 Vancouver B C V6B 1N2

FILMED

R M Cann
 July 1986

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SUMMARY

The Snowflake Option consists of 10 claims optioned from Quilchena Resources Ltd in February 1986 and is located in rolling terrain 23 km southeast of Merritt in south-central British Columbia. The exploration target is a moderate size gold ± copper deposit similar to Dome's QR deposit located in central B C.

Claims lie within the Central Belt of the Upper Triassic Nicola Group. Copper and gold mineralization within this belt occurs in highly fractured and faulted basaltic flows, breccias and volcanoclastic sediments in close spatial association with coeval alkaline stocks.

In the area of interest, Nicola rocks consist of a west dipping homoclinal sequence of basalt augite porphyry flows and tuffs, overlying volcanic sandstone, conglomerate and shale and a cap of basaltic agglomerate. These units are intruded by a coeval monzonite stock. Gold mineralization, initially discovered in 1967, occurs as fracture-controlled quartz-carbonate-chalcopyrite-pyrite veinlets within a volcanic conglomerate horizon.

Six diamond drill holes, totalling 576.7m were drilled between May 26 and June 12 1986 to evaluate the tenor of gold-copper mineralization within volcano-sedimentary rocks. The best gold values averaged 4.49 g/t Au, 21.94 g/t Ag over 2 m and were intersected 200m south of previous intersections. Two drill holes located further south intersected anomalous (100-400 ppb) gold values and two holes failed to intersect the favourable horizon.

The geological setting at Snowflake is very similar to the setting of Dome's QR deposit, in central British Columbia, where gold mineralization occurs at a basalt-argillite contact in association with strongly propylitized basaltic flows and breccias.

Based on a "QR model", further drilling is recommended to locate a sedimentary-volcanic contact above strongly propylitized basalts intersected in drill hole SF86-1.

1 INTRODUCTION

1.1 General

Diamond drilling on Snowflake was conducted to test a strong IP chargeability/resistivity anomaly and to test gold mineralization in basaltic tuffs underlying a shaley horizon. This report discusses the results from the six diamond drill holes and describes the local geology as now known. An IP survey conducted in early May 1986 is described in a separate report by Phoenix Geophysics.

1.2 Location, Access and Physiography

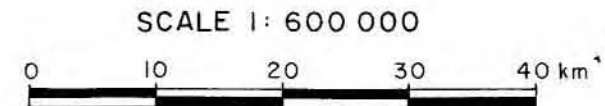
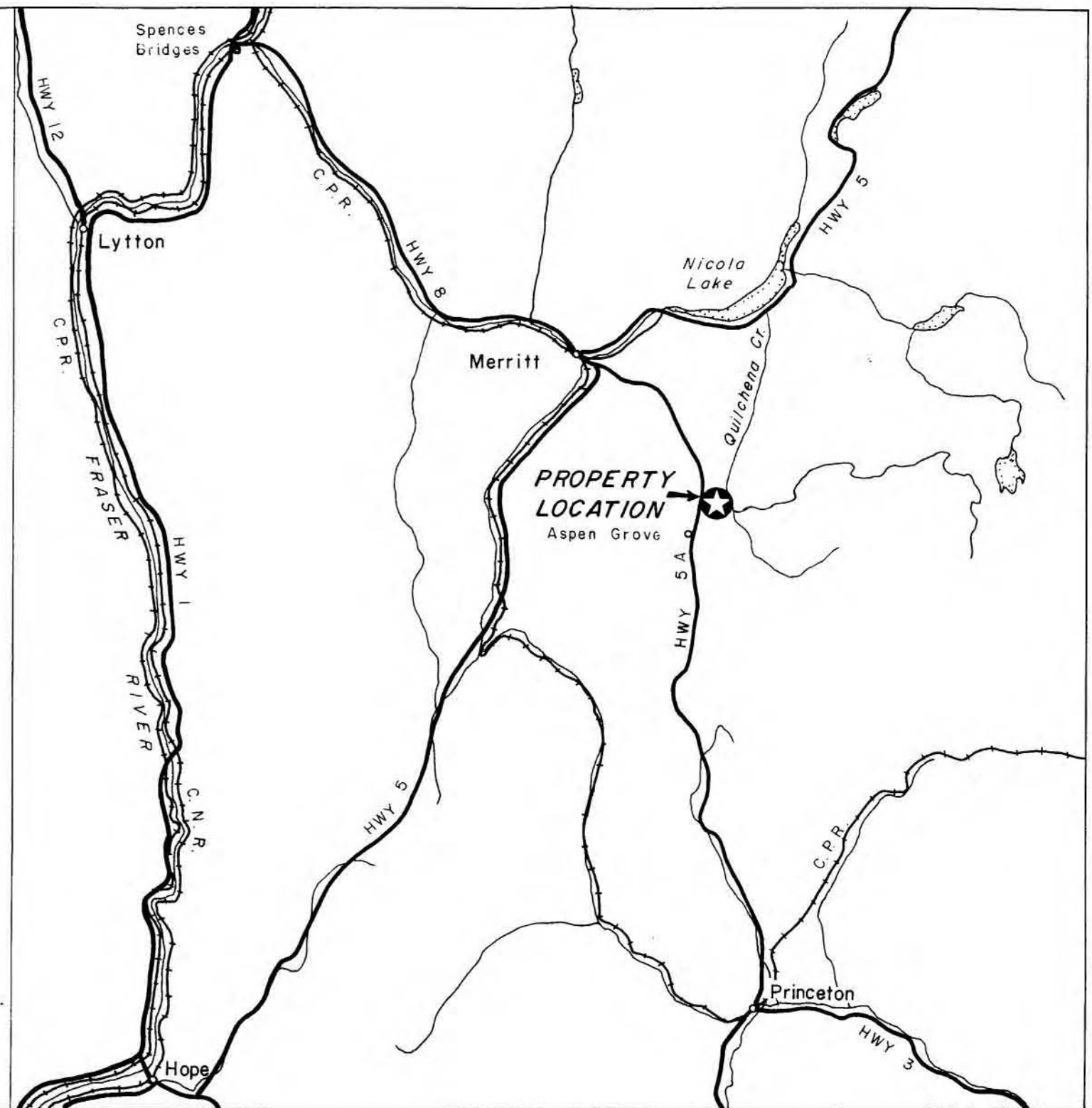
The centre of the claim group is located 23 km southeast of Merritt, within the Nicola Mining Division of British Columbia, (NTS: 92H/15E).

Excellent access to the property is provided by two interconnected ranch roads which leave Highway 5A, 4.5 and 5.5 km north of Aspen Grove. Entrance to the better, most northerly road is controlled by Douglas Lake Cattle Company Ltd, while free access may be gained through the more southerly road.

Four-wheel drive trucks are required if roads are muddy.

Physiographically, most of the property consists of low, northerly trending hills and ridges with a relief of approximately 100m. The east half of Snowflake 7 covers a steep 200m high slope leading down to Quilchena Creek.

Much of the property consists of natural grass land which is used for cattle grazing. Forested areas consist of fairly open clumps of aspen, pine and fir.



LORNEX MINING CORPORATION		
SNOWFLAKE OPTION		
LOCATION MAP		
DATE JUNE 1986.	DRAWN BY R.M.C./J.S.	DWG. 1

1.3 Claim Status

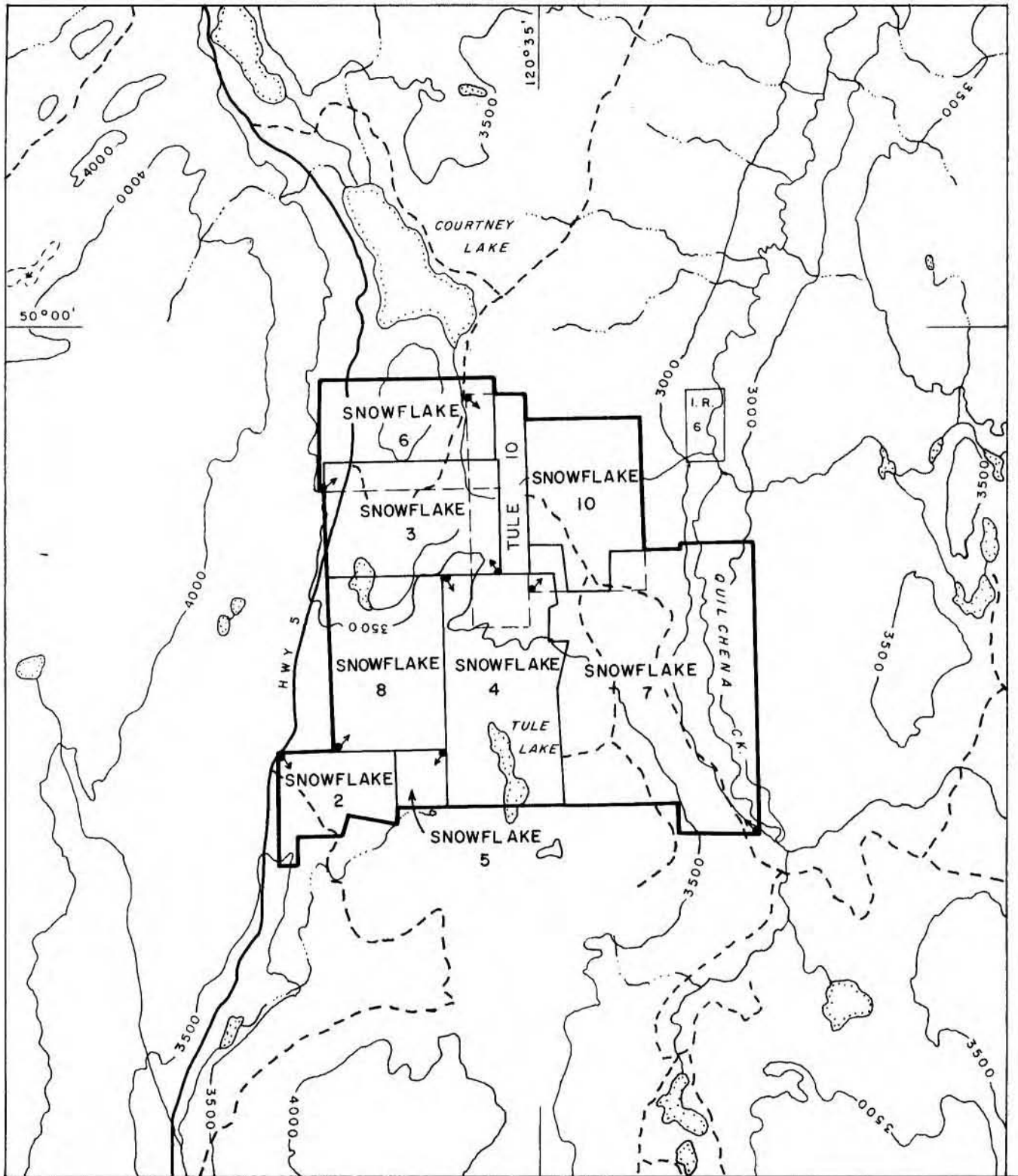
Snowflake consists of nine claims (Figure 2) owned by Quilchena Resources Limited but subject to an option agreement dated February 1 1986 with Lornex Mining Corporation Ltd. Current status of these claims is tabulated below and reflects work filed on June 20 1986 for assessment credit but not yet approved.

Claim	Units	Record No:	Recorded	Expires
Snowflake	6	8	May 13 1975	1994
Snowflake 2	4	93	Apr 14 1976	1996*
Snowflake 3	6	167	Aug 20 1976	1994
Snowflake 4	8	211	Feb 11 1977	1996*
Snowflake 5	2	212	Feb 11 1977	1996*
Snowflake 6	6	321	Sep 16 1977	1994
Snowflake 7	20	470	Jun 15 1978	1996*
Snowflake 10	6	514	Oct 25 1978	1996*
Tule 10	4	322	Sep 16 1977	1994

* Not officially approved

Approximately two-thirds of the property is located on land whose surface rights are held by Douglas Lake Cattle Company Ltd. The remaining land is Crown Land which is partly covered by grazing leases. Surface right distribution is shown on Figure 3.

The west-half of Snowflake is covered by a recent mineral reserve (o/c 2116/85) covering the Phase 3 Coquihalla Highway right-of-way. This reserve forbids interference in the construction, operation or maintenance of the Coquihalla Highway.



NTS 92 H / 15
SCALE 1:50,000

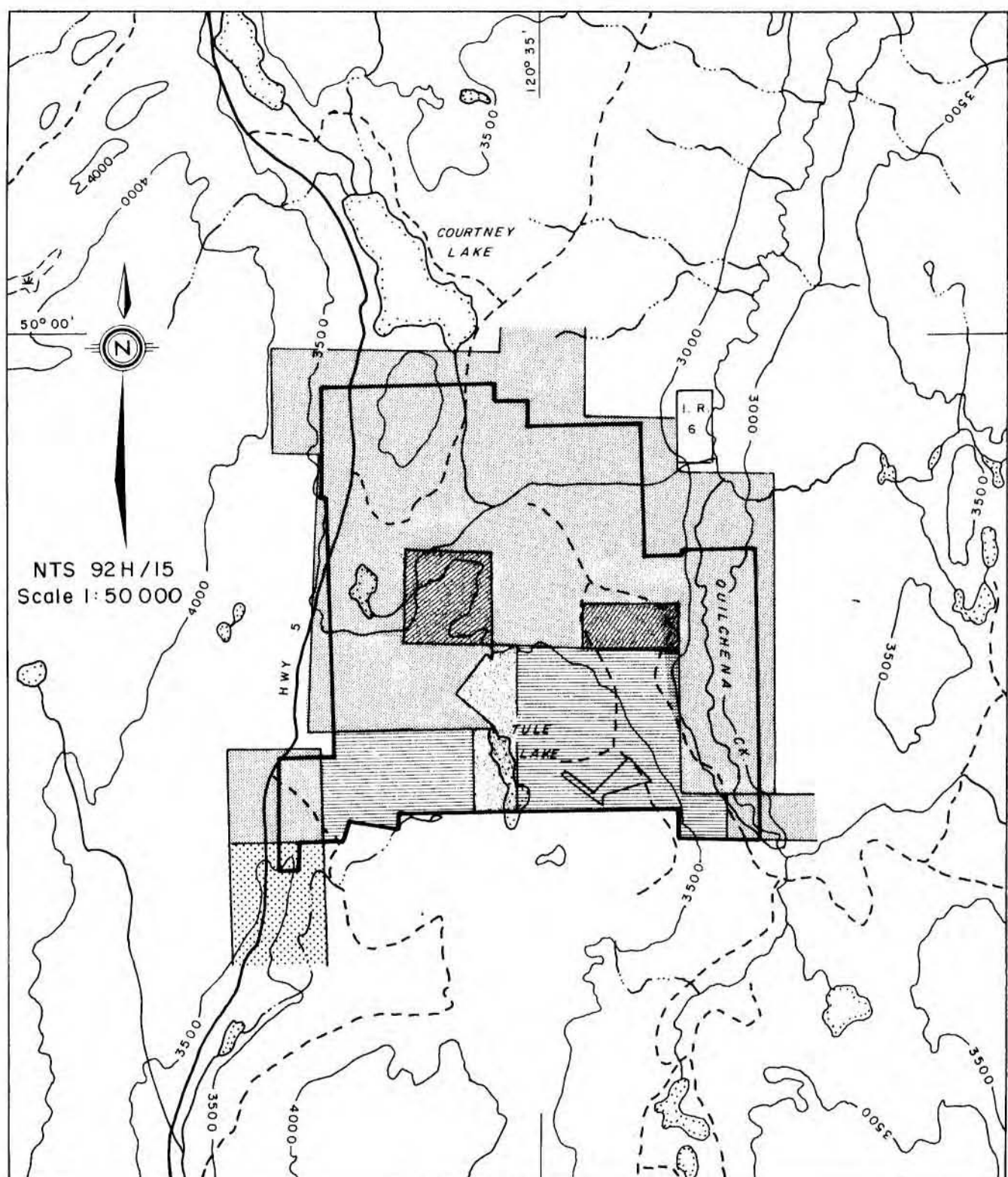







LORNE X MINING CORPORATION

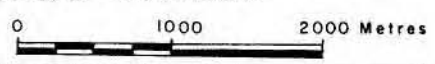
SNOWFLAKE OPTION

CLAIM MAP

DATE	DRAWN BY	DWG.
JUNE 1986.	R.M.C./ J.S.	2



-  L 1328 Willow Heights Ranch Limited.
-  Lots 4085, 4086 Crown Land.
-  Lots 4842, 4674 Crown Land with Grazing Rights to Douglas Lake.
-  Lots 385, 772, 773, 1091, 1092, 1135, 1212, 1337, 1351, 1352, 1913, 4276 Douglas Lake Cattle Company (1959) Limited.
-  Unsurveyed Crown Land.



LORNEX MINING CORPORATION

SNOWFLAKE OPTION

SURFACE RIGHTS MAP

DATE	DRAWN BY	DWG.
JUNE 1986.	R.M.C. / J.S.	3

1.4 History

Exploration on Snowflake and the Aspen Grove area in general dates back to 1900 when exploration was conducted on numerous veins and shears carrying high copper values. No significant production resulted from this work.

More recently, the western portion of the Snowflake property was originally staked as the Blue Jay claims in 1958 and was worked until 1975 when the Snowflake claims was staked by F Gingell and R Yorke-Hardy. The area now covered by Snowflake 7 and 10 was originally staked in 1965 as the CM claims which were then acquired in 1966 by Vananda Explorations Ltd. In 1966, Vananda drilled nine percussion holes totalling 189m. During 1967, in a joint venture with Merritt Copper, three diamond drill holes totalling 438m and one 128m percussion hole were drilled. An 18m section in a diamond drill hole was reported to assay 5.14 g/t (0.15 oz/t) Au and 0.20% Cu over 183m [GCNL No 101 (1967)].

From 1977 to 1979, Cominco staked the Snowflake 4 - 10 claims and also optioned the Snowflake and Snowflake 2 and 3 claims. Cominco drilled 34 percussion holes and conducted IP and magnetometer surveys.

Laramide Resources optioned the property in 1983 on the basis of the 1967 news release and conducted IP and magnetic surveys, and drilled 12 diamond holes totalling 995.7m in an attempt to duplicate the intersection of Merritt Copper. Laramide's DDH SF83-1 intersected 1.5m averaging 7.20 g/t Au and DDH SF83-8 intersected 1.5m grading 36.00 g/t Au. Both intersections are associated with fracture controlled mineralization within a volcanic conglomerate. Additional IP surveys were completed in January 1985.

2 GEOLOGY

2.1 Regional Geology

Snowflake lies within the Upper Triassic Nicola Group, part of a 40 km wide belt of alkaline and calc-alkaline volcanics extending from the US border into northern British Columbia. Between Merritt and Princeton, Preto (1979) has divided the Nicola Group into three north-south trending fault bounded belts. The Central Belt, which hosts mineralization at Snowflake, is dominated by andesitic and basaltic flows and comagmatic intrusive rocks. The Eastern Belt is similar in composition but is dominated by volcanic sediments, lahar and tuff which has probably shed off the Central Belt during formation. In contrast, the Western Belt is composed mainly of dacitic to andesitic flows and associated sediments which appear to have a westerly source.

Copper-gold mineralization is generally concentrated in the highly faulted and fractured Central Belt and is associated with alkaline to sub-alkaline, coeval, subvolcanic intrusives or breccia pipes.

2.2 Local Geology

Local geology is shown on Figure 10, modified from Preto (1974). This discussion and synthesis of geology is restricted to the area covered by the geophysics grid on the north-half of Snowflake 7 and the southwest corner of Snowflake 10. Descriptions are based on personal examination and reports by Preto (1979) and Dawson (1984).

Nicola Group volcanic and sedimentary rocks in this area appear to form a homoclinal sequence generally striking northwesterly and dipping from 30° to 80° west. The average dip is approximately 60° west. For descriptive purposes, the sequence can be divided into a sedimentary sequence (unit 1e), overlying agglomerate (part of 1d) and underlying massive porphyritic flows and tuffs (part of 1d). These formations are intruded by a 400 x 800m monzonite stock (unit 5). Extensive overburden restricts exposures to the monzonite and scattered outcrops of hornfelsed sediments.

The lower volcanic unit, lying east of Unit 1e, consists of massive, dark green basaltic flows and/or tuffs. Augite porphyry is most common, but feldspar augite porphyry dominates in SF86-5 and 6 and feldspar porphyry occurs in SF86-3. Pervasive epidote forms 5-10% of the rock and locally occurs in amounts to 50% as at the top of SF86-1. Pyrite disseminations and veinlets do not exceed 3%. This unit is generally non-magnetic but is strongly magnetic in SF86-4.

The middle sedimentary sequence is laterally and vertically lithologically variable. Because the rocks are recessive, most information is from drill core.

To the north, in holes SF86-5 and 6, the sequence consists of a 30 to 50m thick lower mixed volcanic sandstone and volcanic conglomerate unit which locally hosts significant copper-gold mineralization. Gradational to, and overlying this lower unit, is an approximately 20m thick section of massive black, calcareous, locally carbonaceous shale 1-5% disseminated, syngenetic pyrite is ubiquitous and results in a linear IP anomaly. Overlying the black shale on SF86-5 is 20m of well-sorted volcanic sandstone.

Further south, near SF86-2, the sedimentary sequence increases in thickness to approximately 400m, apparently because of a thick, lower volcanic sandstone unit. Near drill holes SF86-3 and 4, conglomerate is less common and calcareous thinly bedded siltstone appears.

The overlying agglomerate consists of closely packed, rounded clasts in a greywacke matrix. Clasts consist of porphyritic volcanic fragments and pink-grey monzonite fragments which are generally less than 10 cm in diameter but are locally up to 100 cm in size. West of unit 5, the agglomerate consists mainly of pink monzonite clasts apparently derived from the adjacent stock. Epidote commonly replaces all or part of the clasts.

Intrusive into Unit 1e and partly intrusive and partly coeval with overlying agglomerates is a body of fine-grained equigranular monzonite (unit 5a) and intrusive breccia (unit 5b). No sulphides were observed in this unit but pink K-spar flooding and epidote veinlets and clots are common.

Hornfelsing and pyritization of sediments is evident near the monzonite stock and results in broad, moderate chargeability anomalies.

Faulting and brecciation of volcanic and sedimentary rocks is common south of DDH SF86-1 where it may be related to emplacement of the monzonite stock. Two east-west trending faults are interpreted in this area based on surface geology and IP data.

2.3 Mineralization and Alteration

Copper-gold mineralization is associated with 1-6cm wide quartz + carbonate-pyrite-chalcopyrite veins within volcano-sedimentary breccias underlying a carbonaceous shale unit. The best gold values occur within 15m of the breccia-shale contact. Previous microscope studies indicated that the gold occurs as electrum within pyrite. Chalcopyrite and minor sphalerite occur with the electrum-bearing pyrite.

Pervasive bleaching of volcanics or volcano-sedimentary rocks is common but generally forms an envelope around quartz-carbonate-pyrite mineralized shears or fault zones.

Weak epidotization is ubiquitous but strong epidotization replaces up to 50% of the rock toward the top of SF86-1.

3 DIAMOND DRILLING

3.1 General

Six NQ diamond drill holes totalling 576.7m were drilled between May 26 and June 12 by Beaupre Drilling Ltd of Princeton, B C. Due to environmental considerations the Longyear S-38 drill was truck-mounted. Water was pumped from a pond located 600m west of SF86-4 and from a small stream approximately 700m west of SF86-1. This stream had ceased flowing at the end of drilling.

Core was logged and split on the property. Samples were shipped to CDN Resource Lab in Delta, B C for Au, Ag, Cu geochemical analysis (Appendix B). Split core is currently stored at Willow Heights Ranch in Aspen Grove.

3.2 1986 Results

Drill holes are located on Figure 10 and results are shown on Figures 4 to 9 as schematic drill sections and gold geochemistry. Complete geochemical results are compiled in Appendix B and detailed core logs are attached as Appendix C.

The 1986 drilling programme was designed to test for gold-copper mineralization in volcanic breccias and conglomerates underlying a carbonaceous shale. The position of the shale unit was interpreted from IP results, surface geology and 1983 drilling. The shale was intersected in drill holes SF86-3, 5 and 6. Drill hole SF86-2 was abandoned in argillite at a shallow depth while SF86-4 intersected sediments overlying volcanics but did not intersect carbonaceous shale. Drill hole SF86-1 was collared in augite porphyry flows or tuffs underlying the sediments.

SW

NE

DDH SF 86-1 (-60°)

Collar approx. 1035 m a.s.l.

LITHOLOGY



Augite porphyry



Feldspar crystal tuff



Conglomerate or breccia



Sandstone



Siltstone

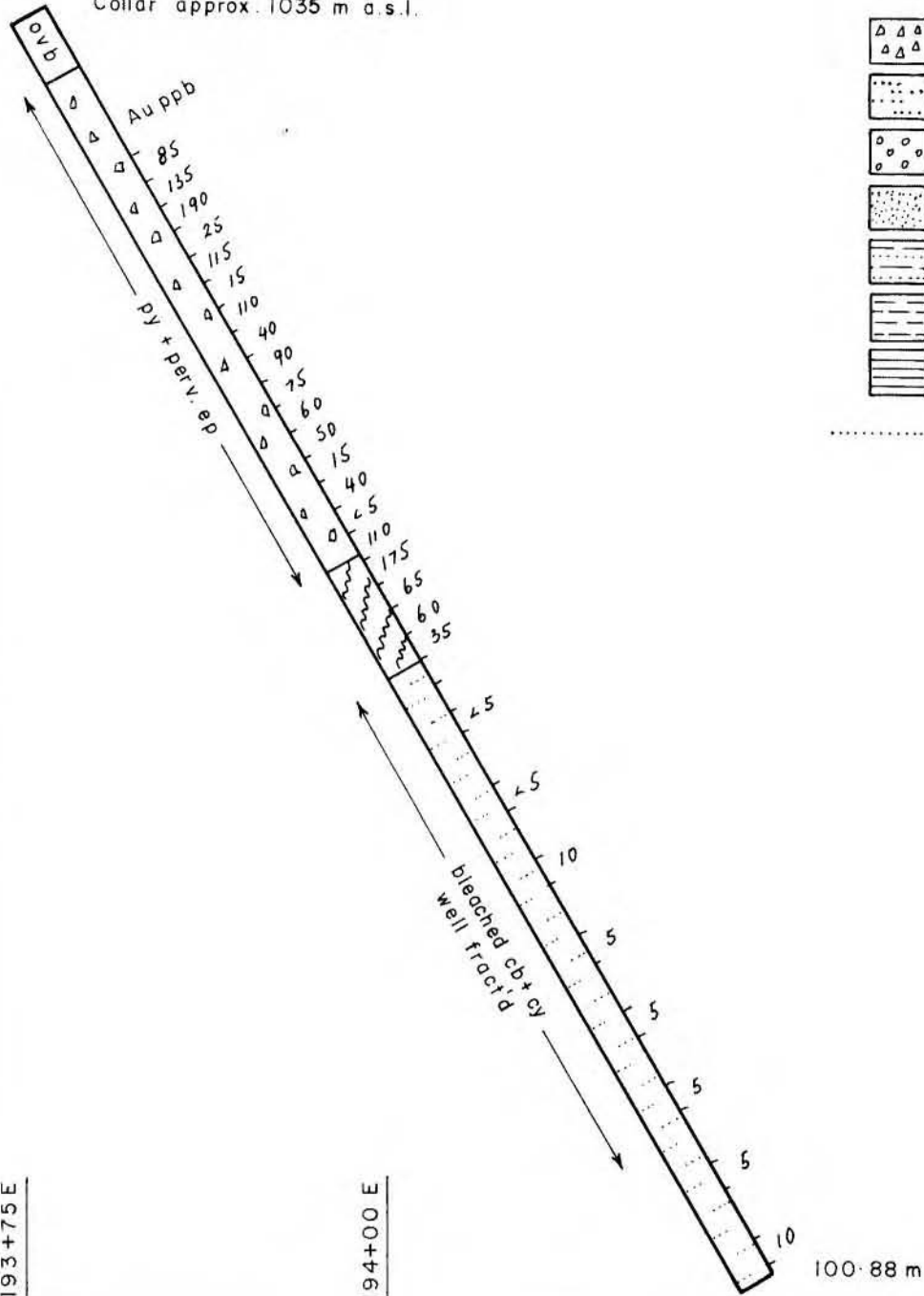


Argillite



Black shale

..... Bedding attitude



193+75E

194+00E

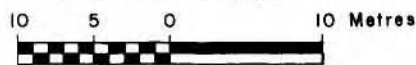
100.88 m

LORNE MINING CORPORATION

SNOWFLAKE OPTION

DDH SF 86-1
DRILL SECTION 201 N
& Au GEOCHEMISTRY

NTS 92 H/15
SCALE 1:500



DATE

DRAWN BY

DWG.

JUNE 1986.

R.M.C. / J.S.

4

SW

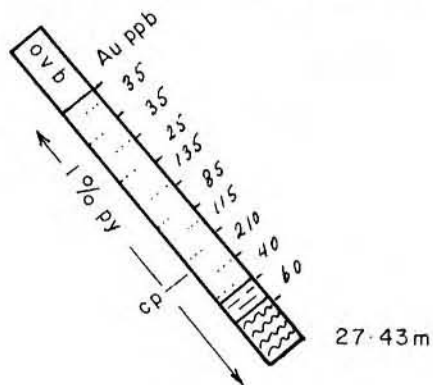
193+25 E

193+50 E

NE

DDH SF 86-2 (-50°)

Collar approx. 1035 m a.s.l.



LITHOLOGY



Augite porphyry



Feldspar crystal tuff



Conglomerate or breccia



Sandstone



Siltstone



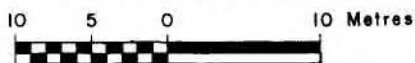
Argillite



Black shale

..... Bedding attitude

NTS 92 H/15
SCALE 1:500



LORNE X MINING CORPORATION

SNOWFLAKE OPTION

DDH SF 86-2
DRILL SECTION 198 N
& Au GEOCHEMISTRY

DATE

DRAWN BY

DWG.

JUNE 1986.

R.M.C. / J. S.





SW

NE

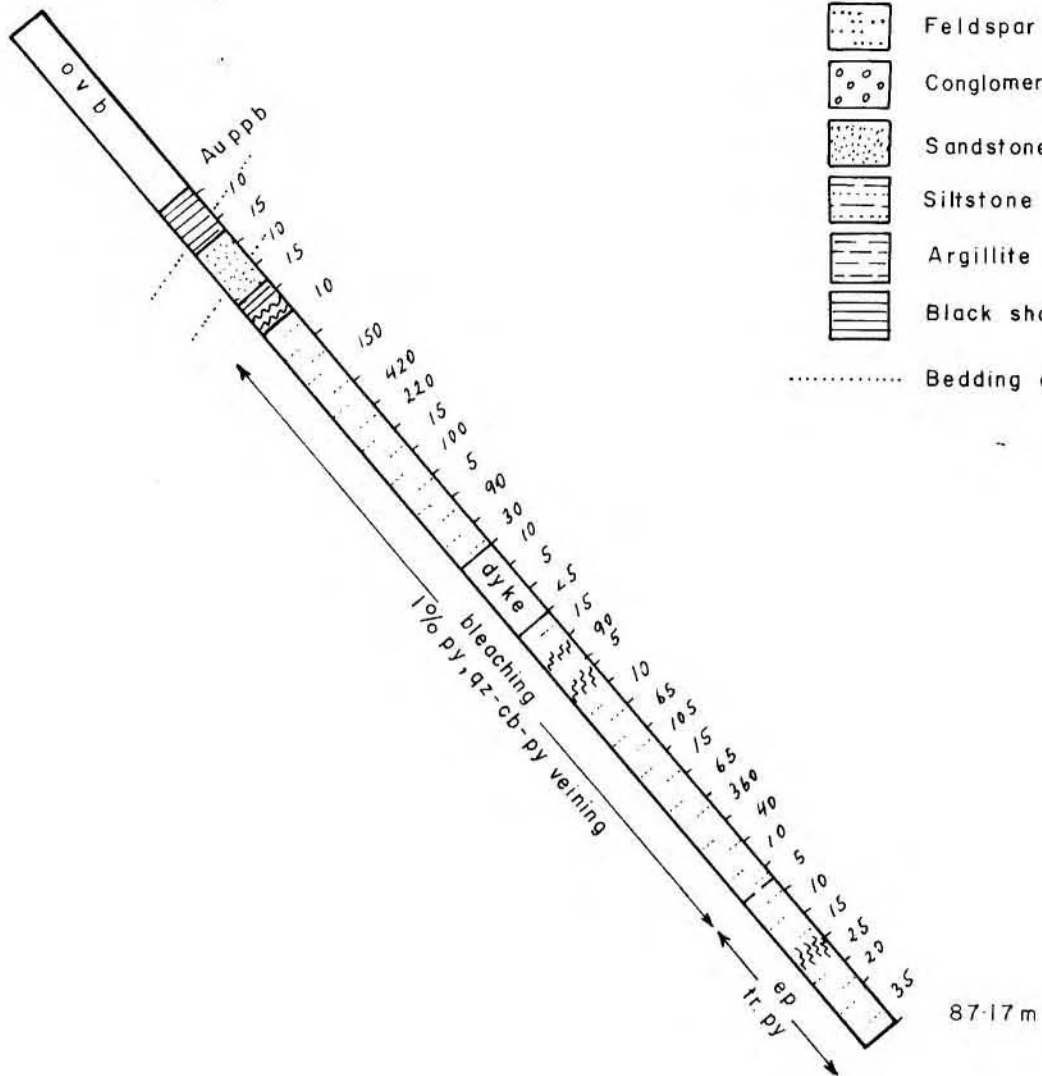
DDH SF 86-3 (-50°)

Collar = Approx. 1070 m a.s.l.

LITHOLOGY

-  Augite porphyry
-  Feldspar crystal tuff
-  Conglomerate or breccia
-  Sandstone
-  Siltstone
-  Argillite
-  Black shale

..... Bedding attitude



190+25 E

190+50 E

LORNEX MINING CORPORATION

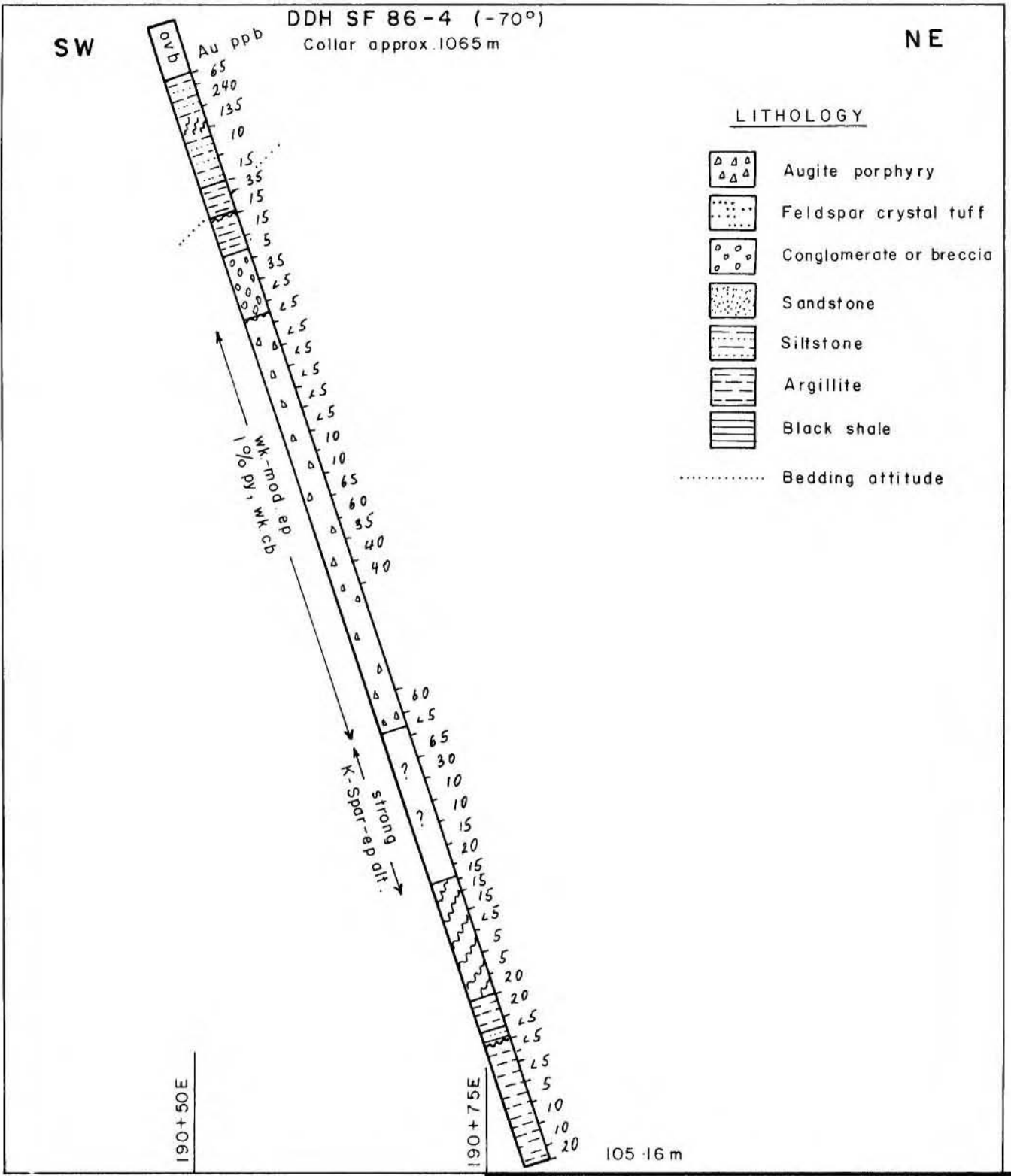
SNOWFLAKE OPTION

DDH SF 86-3
DRILL SECTION 193 N
& Au GEOCHEMISTRY

NTS 92 H/15
SCALE 1:500



DATE	DRAWN BY	DWG.
JUNE 1986.	R.M.C. / J. S.	6



190+50E

190+75E

LORNE MINING CORPORATION

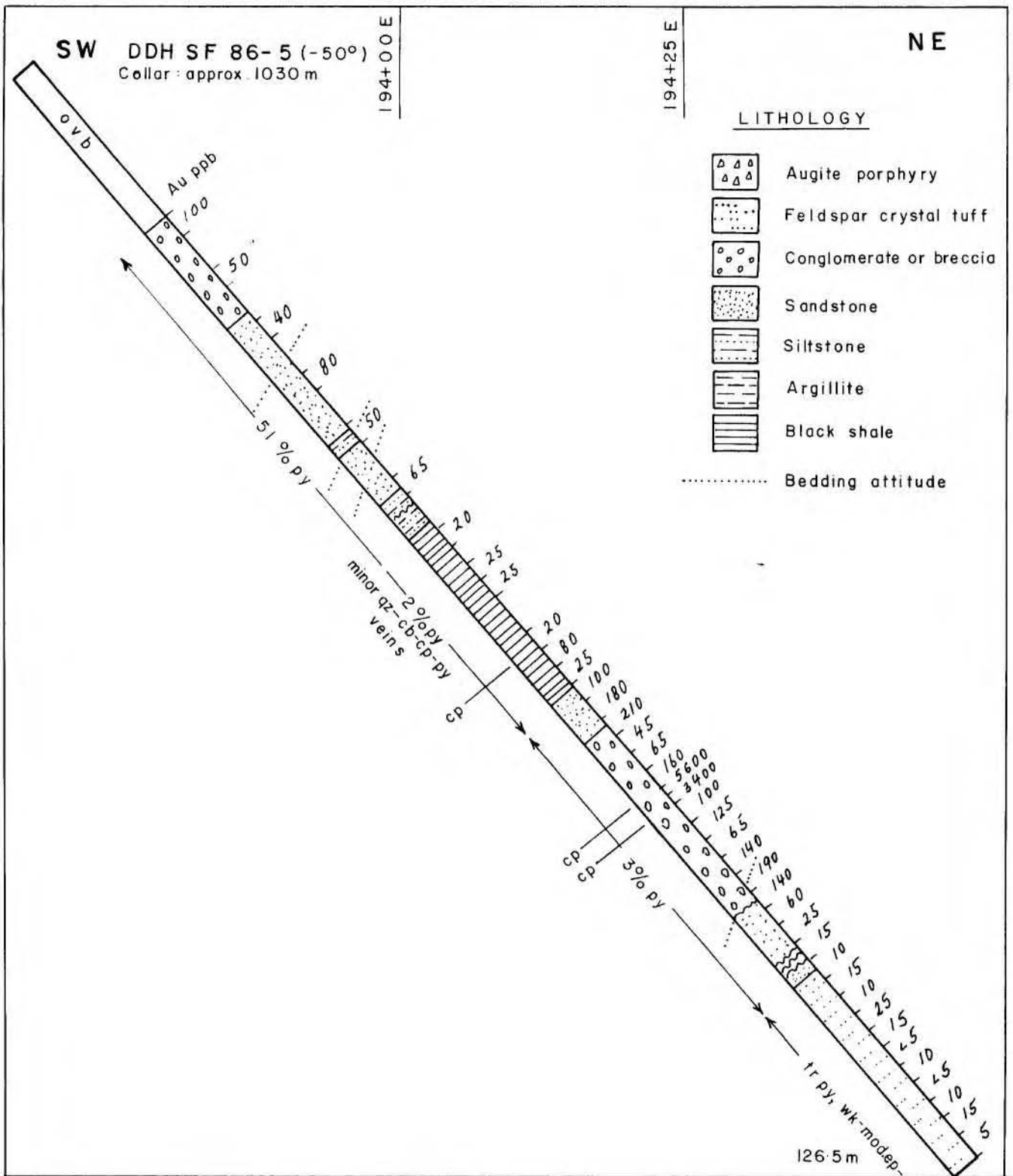
SNOWFLAKE OPTION

**DDH SF 86-4
DRILL SECTION 191+25 N
& Au GEOCHEMISTRY**

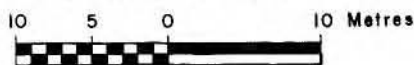
NTS 92H/15
SCALE 1:500



DATE	DRAWN BY	DWG.
JUNE 1986.	R.M.C. / J. S.	7



NTS 92H/15
SCALE 1:500



LORNE X MINING CORPORATION

SNOWFLAKE OPTION

**DDH SF 86-5
DRILL SECTION 203 + 40N
& Au GEOCHEMISTRY**

DATE	DRAWN BY	DWG.
JUNE 1986.	R.M.C. / J. S.	8

Gold values in the drill holes (Figures 4 to 9) are extremely erratic. Fresh to weakly altered rock with few sulphides and quartz-carbonate stringers generally contains less than 20ppb gold (eg. SF86-4 and 6). Values from 100 to 200ppb gold appear to be associated with stronger pyritic alteration, traces of chalcopyrite, strong fracturing and scattered quartz-carbonate stringers.

The best mineralization, intersected in SF86-5 from 84 to 86m, averaged 4.49 g/t Au, 21.94 g/t Ag and 2.10% Cu. These values are associated with quartz-pyrite-chalcopyrite veins cutting volcanic conglomerate below the carbonaceous shale. Gold values decline sharply to less than 200ppb on either side of this intersection. Similar veining and gold mineralization was intersected 200m north in 1983 drill holes SF83-1 and 8

4 DISCUSSION

Diamond drilling has indicated that volcano-sedimentary rocks near a subvolcanic monzonite stock are variably but weakly mineralized with gold. The geological environment at Snowflake is very similar to the setting of Dome Mines QR gold deposit (950,000 t @ 6.8 g/t) near Quesnel River, central British Columbia. QR consists of three separate deposits which are patchy to semi-massive pyritic zones within strongly propylitized Upper Triassic basalt flows, tuffs and breccias at or near the contact with overlying argillite. Alteration and mineralization is spatially related to a monzodiorite stock intruding the volcanic-sedimentary pile. Gold values at QR decrease toward the essentially barren stock. Differences between QR and Snowflake include: (1) a thicker sedimentary pile at QR which is of regional extent rather than local as at Snowflake, (2) basaltic rocks at QR are strongly carbonatized outside the propylitic zone whereas rocks at Snowflake are generally limey sediments or tuffs, (3) mineralization at Snowflake, is fracture controlled whereas mineralization at QR is associated with pervasive propylitic alteration zones.

The strongest propylitic alteration at Snowflake was encountered toward the top of SF86-1 (30-50% epidote); however, associated pyrite averaged 1% or less. This hole was entirely in augite porphyry flows or tuffs which appear to stratigraphically underlie the sedimentary (unit 1e). If a QR model is used, presumably, the best gold mineralization would be within this propylitic alteration zone near or at the sedimentary-volcanic contact.

5 RECOMMENDATIONS

Additional drilling is recommended to locate and test the volcanic-sedimentary contact near SF86-1.

6 REFERENCES

Dawson, J. (1984): Report on the Diamond Drilling Programme, Snowflake Property, B.C. Private Report for Laramide Resources Ltd.

Preto, V.A. (1974): Geology of the Aspen Grove Area, B.C., B.C. Ministry of Energy, Mines and Petroleum Resources, Preliminary Map No. 15.

Preto, V.A. (1979): Geology of the Nicola Group between Merritt and Princeton, B.C. Ministry of Energy, Mines and Petroleum Resources, Bull. 69.

7 STATEMENT OF QUALIFICATIONS

- 1 I am a geologist residing at 6075 Eagleridge Drive, West Vancouver
British Columbia and am employed by Lornex Mining Corporation Ltd of
1650, 609 Granville Street, Vancouver, British Columbia.
- 2 I am a graduate of the University of British Columbia with a B Sc
(Geology) in 1976 and and M Sc (Geology) in 1979.
- 3 I have practiced my profession with Rio Algom, Lornex and other
companies since graduation.
- 4 I am a Fellow of the Geological Association of Canada.
- 5 I personally supervised the drilling programmes conducted on the
Snowflake claims from May to June 1986.



Robert M Cann

Vancouver B C
July 1986

APPENDIX A

COST STATEMENT

1986 COST STATEMENT

R Cann May 15 - June 14	\$ 4,424.00
J Kozij May 26 - June 14	1,700.00
Head Office Supervision	600.00
Truck rental May 15 - June 14	1,163.25
Room and Board May 23 - June 14	2,700.00
Diamond Drilling 576.67m @ \$48.50/m	27,968.49
Geochem 99 @ \$11.35 (Au, Ag, Cu)	1,124.00
Assay 4 @ \$15.50 (Au, Ag, Cu)	62.00
Shipping - Greyhound	193.70
Drafting	260.00
	<hr/>
Sub-total	\$40,195.44
IP - 12 km Phoenix Geophysics Ltd	13,575.00
Line-cutting (12 km)	2,350.00
	<hr/>
TOTAL	\$56,120.44

APPENDIX B

GEOCHEMICAL ANALYSES

CDN RESOURCE LABORATORIES LTD.

#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

**** GEOCHEMICAL REPORT ****

To: Lornex Mining Corporation
P.O. Box 10335
609 Granville Street
Vancouver, B.C., V7Y 1G5

Number: 86160
Date: June 3, 1986
Proj.: 5414

Attn: D. R. Budinski

	Au ppb	Ag ppm	Cu ppm	DDH SF86-1
14001	85	0.3	165	
14002	135	0.4	20	
14003	190	0.5	29	
14004	25	0.4	146	
14005	115	0.3	84	
14006	15	<0.1	18	
14007	110	0.2	375	
14008	40	0.1	48	
14009	90	0.1	42	
14010	75	0.2	178	
14011	60	0.1	113	
14012	50	0.1	99	
14013	15	0.1	188	
14014	40	0.2	72	
14015	< 5	0.1	35	
14016	110	0.1	113	
14017	175	0.5	660	
14018	65	0.9	1320	
14019	60	0.3	575	
14020	35	0.2	350	
14021	< 5	<0.1	11	
14022	< 5	<0.1	25	
14023	10	<0.1	68	
14024	5	<0.1	18	
14025	5	<0.1	7	
14026	< 5	<0.1	18	
14027	5	<0.1	48	
14028	10	<0.1	9	
14029	35	0.1	670	DDH SF86-2
14030	35	0.3	88	
14031	25	0.4	330	
14032	135	0.8	177	
14033	85	0.5	133	
14034	115	0.2	108	
14035	210	1.7	1320	
14036	40	1.7	1150	
14037	40	0.6	169	
14038	60	2.0	2200	
14039	50	0.5	330	
14040	60	0.6	380	

Duncan Sandison

CDN RESOURCE LABORATORIES LTD.

#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

* GEOCHEMICAL REPORT *

To: Lornex Mining Corporation Ltd.
Box 10335
609 Granville Street
Vancouver, B.C., V7Y 1G5

Number: 86168
Date: June 6, 1986
Proj.: 5414

Attn: D. R. Budinski

	Au ppb	Ag ppm	Cu ppm	DDH SF86-3
14041	10	0.8	109	
14042	15	0.5	105	
14043	10	0.1	94	
14044	15	<0.1	107	
14045	10	<0.1	130	
14046	150	<0.1	42	
14047	420	<0.1	38	
14048	220	<0.1	10	
14049	15	<0.1	5	
14050	100	<0.1	13	
14051	5	<0.1	6	
14052	90	0.2	52	
14053	30	0.5	154	
14054	10	<0.1	26	
14055	5	0.1	3	
14056	< 5	<0.1	7	
14057	15	0.2	65	
14058	90	0.6	23	
14059	5	0.2	16	
14060	10	<0.1	25	
14061	65	<0.1	42	
14062	105	0.2	75	
14063	15	<0.1	84	
14064	65	0.5	178	
14065	360	0.3	191	
14066	40	0.1	24	
14067	10	0.1	34	
14068	5	0.1	10	
14069	10	<0.1	16	
14070	15	0.2	25	
14071	25	0.1	44	
14072	20	0.1	37	
14073	35	0.3	38	

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CDN RESOURCE LABORATORIES LTD.

#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

* GEOCHEMICAL REPORT *

To: Lornex Mining Corporation Ltd.
Box 10335
609 Granville Street
Vancouver, B.C., V7Y 1G5

Number: 86169
Date: June 9, 1986
Proj.: 5414

Attn: D. R. Budinski

DDH SF86-4

	Au ppb	Ag ppm	Cu ppm
14074	65	<0.1	104
14075	240	<0.1	79
14076	135	2.2	1450
14077	10	0.1	415
14078	15	0.2	142
14079	35	<0.1	197
14080	15	<0.1	109
14081	15	<0.1	171
14082	5	0.4	53
14083	35	<0.1	216
14084	< 5	<0.1	153
14085	< 5	<0.1	93
14086	< 5	<0.1	260
14087	< 5	<0.1	320
14088	< 5	<0.1	210
14089	< 5	<0.1	190
14090	< 5	<0.1	92
14091	10	<0.1	72
14092	10	<0.1	174
14093	65	<0.1	150
14094	60	<0.1	210
14095	35	<0.1	130
14096	40	<0.1	171
14097	40	<0.1	103
14098	60	<0.1	188
14099	< 5	<0.1	50
14100	65	<0.1	107

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#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

* GEOCHEMICAL REPORT *

To: Lornex Mining Corporation Ltd.
Box 10335, 609 Granville Street
Vancouver, B.C.
V7Y 1G5

Number: 86170
Date: June 9, 1986
Proj.: 5414

Attn: D. R. Budinski

	Au ppb	Ag ppm	Cu ppm	DDH SF86-4
14101	30	<0.1	103	
14102	10	<0.1	8	
14103	10	<0.1	22	
14104	15	<0.1	125	
14105	20	<0.1	54	
14106	15	<0.1	64	
14107	15	<0.1	205	
14108	15	<0.1	156	
14109	< 5	<0.1	129	
14110	5	<0.1	69	
14111	5	<0.1	77	
14112	< 5	<0.1	85	
14113	< 5	<0.1	230	
14114	< 5	<0.1	157	
14115	5	<0.1	43	
14116	10	<0.1	6	
14117	10	<0.1	4	
14118	20	<0.1	187	
14119	20	<0.1	79	
14120	20	<0.1	16	

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* GEOCHEMICAL REPORT *

To: Lornex Mining Corporation Ltd.
Box 10335
609 Granville Street
Vancouver, B.C., V7Y 1G5

Number: 86173
Date: June 11, 1986
Proj.: 5414

Attn: D.R. Budinski

	Au	Ag	Cu	DDH SF86-5
	ppb	ppm	ppm	
14121	100	0.1	415	
14122	50	0.1	500	
14123	40	<0.1	133	
14124	80	0.5	84	
14125	50	0.4	97	
14126	65	0.3	81	
14127	20	0.6	140	
14128	25	0.7	115	
14129	25	0.9	166	
14130	20	0.6	565	
14131	80	1.7	1600	
14132	25	0.3	104	
14133	100	0.1	30	
14134	180	0.2	28	
14135	210	0.5	156	
14136	45	0.5	275	
14137	65	0.6	565	
14138	160	0.9	500	
14139	4600	24.2	>5000	
14140	2800	22.0	>5000	
14141	100	1.0	420	

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#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

*** ASSAY REPORT ***

To: Lornex Mining Corporation Ltd.
Box 10335
609 Granville Street
Vancouver, B.C., V7Y 1G5

Number: 86180A
Date: June 13, 1986
Proj.: 5414

Attn: D. R. Budinski

DDH SF86-5

	Au oz/T	Ag oz/T	Cu %
14138	0.004	0.01	0.05
14139	0.163	0.67	2.70
14140	0.099	0.61	1.50
14141	0.004	0.01	0.04


Licensed Assayer of British Columbia

CDN RESOURCE LABORATORIES LTD.

#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

* GEOCHEMICAL REPORT *

To: Lornex Mining Corporation Ltd.
Box 10335
609 Granville Street
Vancouver, B.C., V7Y 1G5

Number: 86176
Date: June 11, 1986
Proj.: 5414

Attn: D.R. Budinski

	Au ppb	Ag ppm	Cu ppm	DDH SF86-5
14142	125	0.6	560	
14143	65	0.6	415	
14144	140	0.7	440	
14145	190	0.8	540	
14146	140	0.8	450	
14147	60	0.4	151	
14148	25	0.2	14	
14149	15	0.2	30	
14150	10	<0.1	48	
14151	15	0.1	27	
14152	10	0.2	7	
14153	25	0.3	110	
14154	15	0.2	91	
14155	< 5	0.2	48	
14156	10	0.2	9	
14157	< 5	<0.1	15	
14158	10	0.1	11	
14159	15	<0.1	39	
14160	5	0.1	40	

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#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

* GEOCHEMICAL REPORT *

To: Lornex Mining Corporation Ltd.
Box 10335
609 Granville Street
Vancouver, B.C., V7Y 1G5

Number: 86180
Date: June 13, 1986
Proj.: 5414

Attn: D.R. Budinski

DDH SF86-6

	Au ppb	Ag ppm	Cu ppm
14161	10	0.5	191
14162	25	0.4	157
14163	15	0.4	173
14164	20	0.5	161
14165	10	0.1	117
14166	10	0.2	100
14167	10	0.1	81
14168	10	<0.1	89
14169	10	<0.1	82
14170	10	<0.1	88
14171	10	<0.1	87
14172	< 5	<0.1	104
14173	5	0.2	106
14174	20	0.2	100

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#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

* GEOCHEMICAL REPORT *

To: Lornex Mining Corporation Ltd.
Box 10335
609 Granville Street
Vancouver, B.C., V7Y 1G5

Number: 86182
Date: June 17, 1986
Proj.: 5414

Attn: D. R. Budinski

DDH SF86-6

	Au ppb	Ag ppm	Cu ppm
14175	< 5	0.1	105
14176	95	0.5	114
14177	5	0.1	118
14178	< 5	0.1	73
14179	< 5	<0.1	107
14180	< 5	0.1	77
14181	< 5	0.1	125
14182	20	<0.1	88
14183	30	<0.1	135
14184	5	<0.1	380
14185	10	0.2	270
14186	< 5	0.1	210
14187	< 5	<0.1	10
14188	< 5	<0.1	11
14189	< 5	<0.1	9
14190	< 5	<0.1	6
14191	< 5	<0.1	5
14192	< 5	<0.1	18
14193	< 5	0.5	10
14194	5	0.5	8
14195	< 5	<0.1	3
14196	< 5	<0.1	4
14197	< 5	0.1	6
14198	< 5	<0.1	4
14199	< 5	<0.1	5

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APPENDIX C

DIAMOND DRILL LOGS

ABBREVIATIONS USED IN DIAMOND DRILL LOGS

CL - Chlorite	C/A - core axis
PX - Pyroxene	// - parallel
EP - Epidote	V - vein
PY - Pyrite	mV - micro-vein
CB - Carbonate	
CY - Clay	
CP - Chalcopyrite	
FL - Feldspar	
QZ - Quartz	
CL - Chlorite	
LI - Limonite	
HE - Hematite	
C\$ - Chalcocite	
GN - Garnet	
HB - Hornblende	

LORNE MINING CORPORATION LTD. — DIAMOND DRILL LOG

PAGE 1 OF 4

PROPERTY: SNOWFLAKE
 NTS: 92H/15
 LOGGED BY: RMC

LATITUDE: 201+00N
 DEPARTURE: 193+76E
 ELEVATION: approx. 1035m

AZIMUTH: 045°
 DIP: -60°
 DEPTH: 100.88m

HOLE NO: SF86-1
 STARTED: May 26, 1986
 COMPLETED: May 28, 1986

% REC	INTERVAL (m)	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS (ppm except ppb Au)						
						Recov (m)	Au	Ag	Cu			
	0-4.88	CASING										
	4.88-43.62	Epidotized augite porphyry flow(s) Green-grey massive flow(s) with speckled "dioritic" appearance from 30% mafic specks (CL after PX?) Rock locally has pink-brown hue from K-spar flooding. Rock is pervasively epidotized from 10% to 50%. EP is generally accompanied by stringers and clots of f-gr Py to 5-10%. Core non-magnetic. Fractures limonitic to ilm 9.45-11.0m Strong EP'n (30-50%) CB veinlets common. 12-22m Mod. EP'n 23.85-24.35 Bleaching (CB+MS?) 26.36-43.62 Wk to mod. EP'n	1% PY 3-5% wisps + clots PY Speck CP @ 18.3m CB veinlets @ 20°, 75°, 80° to C/A 24.6-26.36 Core broken with HE slips sub// to C/A 1% PY + tr CP CP speck @ 31.95m PY veinlets 30.0m, 21.0-31.2m, 33.35-33.65m, 38.0-38.2m 28.0m 10cm gouge; shearing @30°	12-14 14-16 16-18 18-20 20-22 22-24 24-26 26-28 28-30 30-32 32-34 34-36 36-38	14001 002 003 004 005 006 007 008 009 010 011 012 14013	2.10 1.70 2.00 2.00 1.97 1.73 1.93 1.70 2.20 1.82 1.94 1.90 2.03	85 135 190 25 115 15 110 40 90 75 60 50 15	0.3 0.4 0.5 0.4 0.3 0.1 0.2 0.1 0.1 0.2 0.1 0.1 0.1	165 20 29 146 84 18 375 48 42 178 113 99 188			

LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG

PAGE 4 OF 4

PROPERTY: SNOWFLAKE
 WTS: 92H/15
 LOGGED BY: RMC

LATITUDE: 201+00N
 DEPARTURE: 193+76E
 ELEVATION: approx. 1035m

AZIMUTH: 045°
 DIP: -60°
 DEPTH: 100.88m

HOLE NO: SF86-1
 STARTED: May 26, 1986
 COMPLETED: May 28, 1986

% REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS			
						Length	Au	Ag	Cu
	89.61-100.88	<p>Similar to above but original rock appears to be more massive andesite-possibly flow.</p> <p>Generally olive coloured matrix with 5-10% FL xstals and 20% scattered EP spots & seams</p> <p>Where sheared and brecciated rock is bleached to pale grey to tan with abundant maroon-brown staining along fractures, CB V's. and in gouge.</p> <p>Core massive and unsheared from 89.61-91.0m.</p> <p>DIP TEST 100.9m - 58°</p> <p>100.88 END OF HOLE.</p>	<p>Dominant fract's & CB veinlets @ 45° & 60°</p> <p>97.05m 15cm white QZ v @ 50° no sulphides. Bottom contact gougey.</p> <p>97.8-100.9 core gougey and extremely sheared and broken. CB perv. in gouge and bleached rock. No sulphides noted.</p>	92-94	14027	1.85	5	<0.1	48
				98-100	028	1.40	10	<0.1	9

LORNE MINING CORPORATION LTD. — DIAMOND DRILL LOG

PAGE 1 OF 2

PROPERTY: SNOWFLAKE
 NTS: 92H/15
 LOGGED BY: RMC

LATITUDE: 198+06N
 DEPARTURE: 193+14E
 ELEVATION: approx. 1035m

AZIMUTH: 045°
 DIP: -50°
 DEPTH: 27.43m

HOLE NO: SF86-2
 STARTED: May 28, 1986
 COMPLETED: May 30, 1986

* REC	INTERVAL(m)	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS (ppm except pph Au)			
						Recov	Au	Ag	Cu
	0-5.70	CASING							
	5.70-21.80	Green-grey massive, fine-grained andesitic tuff or flow. Rock has a fine-grained equigranular dioritic texture. 2-5% perv. carb. Core bleached 5.70-10.8m 14.0-21.8m	Fractures commonly @ 60° to C/A 3% dissem. PY. Core is generally well fractured and broken. Brecciated + gouge 9.90-10.80m 12.5-13.2m 17.2-19.9m Shearing 30-60° to C/A 5cm QZ-CB-PY vein @ 60° to C/A @ 6.95m 7.5-7.8m Sheared QZ-CL-CP vein @ 30° to C/A 13.8-14.0m large blebs PY-CL + perv. silic. 16.1 5mm QZ-CB vein @ 35° 16.65m 13mm QZ-CB V @ 50° 18.2 30mm white QZ frag.-sheared, 1% PY. 18.3-19.0 Sheared brecciated QZ-CB and PY (10%)	6-8 8-10 10-12 12-14 14-16 16-18	14029 30 31 32 33 34	1.40 0.80 1.83 1.82 1.20 1.70	35 35 25 135 85 115	0.1 0.3 0.4 0.8 0.5 0.2	670 88 330 177 133 108

LORNE MINING CORPORATION LTD. — DIAMOND DRILL LOG

PAGE 1 OF 5

PROPERTY: SNOWFLAKE
 NTS: 92H/15
 LOGGED BY: RMC

LATITUDE: 192+98N
 DEPARTURE: 190+20E
 ELEVATION: approx 1070m

AZIMUTH: 045°
 DIP: -50°
 DEPTH: 87.17

HOLE NO: SF-86-3
 STARTED: May 31, 1986
 COMPLETED: June 3, 1986

% REC	INTERVAL(m)	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS(ppm except ppb Au)						
						Recov	Au	Ag	Cu			
		NOTE: NQ core to 24.38m BQ core 24.38-87.17										
	0-14.94	CASING										
	14.94-15.54	Overburden - clay and boulders										
	15.54-18.90	<u>Black carb. shale</u> with minor interbedded volc. sandstone. Shale is black, thinly laminated with beds sandst. generally 3-10mm. Sandstone fine-coarse grained with occ. graded bedding indic. strat. tops up. SS immat. with mostly angul. broken FL xstals for grains. Perv. CB in matrix plus few CB veinlets <1mm thick	Black shale -3.10% finely dissem. Py. Sandstone 1-2% dissem. PY Bedding consistently @ 75° to C/A	16-18	14041	1.50	10	0.8	109			
	18.90-23.54	<u>Volc sandstone</u> Generally massive med. grey coarse grained volc SS containing approx. 50% 0.5-2mm FL xstals Local interbeds black carb shale i.e. 21.6-22.0m Minor to no perv CB.	CB veinlets 25° to C/A 18.60-18.90 core gougey Bedding 75° to C/A Graphitic slip @ 21.79m CB stringers @ 15° to C/A 1-7mm thick. Few 2-5mm blebs PY @ 23.34m	18-20 20-22 22-24 24-28	042 043 044 045	1.05 2.00 1.85 0.90	15 10 15 10	0.5 0.1 <0.1 <0.1	105 94 107 130			

LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG

PAGE 2 OF 5

PROPERTY: SNOWFLAKE
 NTS: _____
 LOGGED BY: _____

LATITUDE: _____
 DEPARTURE: _____
 ELEVATION: _____

AZIMUTH: _____
 DIP: _____
 DEPTH: _____

HOLE NO: SF86-3
 STARTED: _____
 COMPLETED: _____

% REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS							
						Recov	Au	Ag	Cu				
	23.54-24.38	Black shale with minor volc. sandstone. Upper contact sheared @ 40° Core extremely broken.	Tr. disse. PY.										
	24.38-25.98	FAULT - black gouge with rock frags											
	25.98-29.87	ALT'd VOLC (?) massive aphanitic tan-coloured rock. Abund. perv. CB Core extremely broken and fract'd -often gravel size pieces -appears to be intense CB altered equiv. of underlying FL porphyry as indicated by similar alt'n envelopes in lower sections.	1% disse. PY. 28.1m - V fine PY mV's @ 35° to C/A	28-32	046	1.05	150	0.1	42				
	29.87-45.95	Feldspar porphyry-CRYSTAL TUFF Pink-tan, aph. matrix containing 1-2mm stubby FL xstals Textures are generally fuzzy and core has green tint from perv propyl. alt'n - CB,EP,CL non-magnetic	Few PY mV's Shear 35.81-36.58, sub// to C/A LI + CB veining Fract's LI' from 35-44m	32-34	047	1.00	420	0.1	38				

LORNE MINING CORPORATION LTD. — DIAMOND DRILL LOG

PAGE 3 OF 5

PROPERTY: SNOWFLAKE
 NTS: _____
 LOGGED BY: _____

LATITUDE: _____
 DEPARTURE: _____
 ELEVATION: _____

AZIMUTH: _____
 DIP: _____
 DEPTH: _____

HOLE NO: SF86-3
 STARTED: _____
 COMPLETED: _____

% REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS						
						Recov	Au	Ag	Cu			
			40.18m-8mm QZ'v @ 40° tr PY?									
		40.15-40.27m tan, bleached section-appear to be related to sheared QZ-CB veins also 4cm bleached section @42.95-tr BQ, cuprite? along selvage. 43.05-43.40 - bleaching		34-36	14048	1.25	220	<0.1	10			
				36-38	049	1.65	15	<0.1	5			
		44.0-45.72m - core cream coloured - probably MS alt'n Recryst margin 45.72-45.95m	Shear 45.21-45.40 // to C/A Few QZ-PY veinlets @ 55° 1-2% dissem. PY	38-40	050	1.73	100	<0.1	13			
				40-42	051	1.53	5	<0.1	6			
45.95-52.00		<u>MONZ DYKE</u> - pink-brown aph. matrix with 40-50% 1-3mm euhedral KF xstals and 5% nequcoysts to 15mm 3-5% 2-5mm rounded QZ phenos Cores of KF commonly - green CY	No sulphides noted.	42-44	052	1.75	90	0.2	52			
				44-46	053	1.65	30	0.5	154			
				46-48	054	1.35	10	<0.1	26			

LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG

PROPERTY: SNOWFLAKE
 NTS: _____
 LOGGED BY: _____

LATITUDE: _____
 DEPARTURE: _____
 ELEVATION: _____

AZIMUTH: _____
 DIP: _____
 DEPTH: _____

HOLE NO: SF86-3
 STARTED: _____
 COMPLETED: _____

% REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS						
						Recov	Au	Ag	Cu			
	82.00-87.17	CRYSTAL TUFF - as 29.87-45.95m -CB veinlets common -core very fract'd broken -non-magnetic Textures obscured by alt'n. In freshest rock pink-grey matrix charged with green < 0.5mm FL xstals and elongate CL ized HB. Wk perv CB alt'n + CB veinlets. 1cm volc frags, similar to groundmass @ 62.7m	- PY veinlet @ 52.7m - dissem. PY near fault - 3cm QZ-PY vein @ 54.10 - slips @ 70° to C/A 54.10-55.02 FAULT-pyritic gouge, CY rock frags-shearing // to C/A	48-50	14055	1.70	5	0.1	3			
	56.85-58.06	NO CORE 58.2-58.4 bleaching, PY mV's Bleaching 65.23-66.45m tr PY, CP with 5mm QZ-CBv @ 40° Bleaching 68.9-73.55m QZ-PY tr CP vein @ 69.7 @ 35° 1% dissem. PY (no perv CB in bleached zones ∴ CY+MS?) Maroon HE staining 73.55-75.29 75.34-87.17 No bleaching noted Core perv green colour from 30% EP spots-rock has granular text but is probably xstal tf still	56.49-58.06 FAULT - sub// to shears + gouge 58.4-59.45 pebbles, ground core CB stringer @ 35° Ground QZ-CB-PY vein 61.2-61.7m 66.85 Gouge, shearing @ 40° 70.25 Grey sulph (CB & PY) morg. to QZ veinlets Sheared QZ-CB vein // to C/A 71.8-72.24 Shear // to C/A 73.7-74.0	50-52 52-54 54-56 56-56.85 58-60 60-62	56 57 58 59 60 61	1.30 1.00 1.35 0.65 0.80 1.20	< 5 15 90 5 10 65	< 0.1 0.2 0.6 0.2 < 0.1 < 0.1	7 65 23 16 25 42			

LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG

PROPERTY: SNOWFLAKE
 NTS: _____
 LOGGED BY: _____

LATITUDE: _____
 DEPARTURE: _____
 ELEVATION: _____

AZIMUTH: _____
 DIP: _____
 DEPTH: _____

HOLE NO: SF86-3
 STARTED: _____
 COMPLETED: _____

* REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS						
						Recov	Au	Ag	Cu			
	87.17	CB veinlets less abundant where core not as fract'd or sheared - few CB veinlets @ 50° - odd f-gr clast Weak bleaching and tr PY 84.60-87.17 ACID TEST 87m 46° END OF HOLE - abandoned because of caving.	Tr. dissemin. PY 79.25-81.99 shear // to C/A Sheared QZ-CB veins, CL slips, CL + CB & gouge. Tr PY & CS in veins. 81.99-87.17 Core extremely fract'd broken.	62-64	14062	1.50	105	0.2	75			
64-66				63	1.00	15	<0.1	84				
66-68				64	1.60	65	0.5	178				
68-70				65	1.67	360	0.3	191				
70-72				66	1.66	40	0.1	24				
72-74				67	1.33	10	0.1	34				
74-76				68	1.50	5	0.1	10				
76-78				69	1.87	10	<0.1	16				
78-80				14070	2.00	15	0.2	25				
80-82				71	2.00	25	0.1	44				
82-84				72	1.41	20	0.1	37				
82-87.17				14073	1.15	35	0.3	38				

LORNE MINING CORPORATION LTD. — DIAMOND DRILL LOG

PAGE 1 OF 6

PROPERTY: SNOWFLAKE
 NTS: 92H/15
 LOGGED BY: RMC

LATITUDE: 191+22N
 DEPARTURE: 190+48E
 ELEVATION: approx 1065m

AZIMUTH: 045°
 DIP: -72°
 DEPTH: 105.16m

HOLE NO: SF86-4
 STARTED: June 4, 1986
 COMPLETED: June 6, 1986

% REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS (ppm except ppb Au)				
						Recov	Au	Ag	Cu	
	0-4.88m	CASING - NO CORE	8.58-8.7 Blebs PY & CP	4.88-6	14074	0.45	65	< 0.1	104	
	4.88-15.00	Dk grey calc siltstone Core limonitic, extremely broken and pebbly to 15.0m-probably rotten weathered bedrock Strong EP'n 11.0-11.3m (40%) EP possibly with pink-brown garnet rims.	FAULT 8.77-10.06m CB v'g LI gouge, strong shearing @ 35° to C/A. Blebs PY&CP in gouge FAULT/GOUGE 13.65m	6-8 8-10 10-12.5 12.5-15	75 76 77 78	0.73 1.25 1.15 0.38	240 135 10 15	< 0.1 2.2 0.1 0.2	79 1450 415 142	
	15.00- 17.62	Thinly bedded cherty argillite, volc sandstone. Argillite generally green-grey; SS generally brown-grey. Matrix calc. Laminations 2-20mm thick. Selective replacement of some silty-SS beds by EP + PY + GN Seds cut by numerous 1-3mm CB veinlets @ 40° to C/A	Bedding @ 65° Tr. PY	15-16 16-18 18-20	79 80 81	0.70 1.83 1.77	35 15 15	< 0.1 < 0.1 < 0.1	197 109 171	
	17.62- 17.98	FAULT-Grey gouge, broken rock		20-22	82	1.60	5	0.4	53	
	17.98- 21.34	Massive grey, cherty argillite Extremely fract'd and brittle- breaks in hand. Abundant CB veinlets.	1-2% dissem. PY Vague bedding locally visible @ 55° 20.1 Small gouge slip @ 15-20° C/A 21.20-21.34 Gougey fault - approx. 60° to C/A.	22-24	83	2.00	35	< 0.1	216	

LORNE MINING CORPORATION LTD. — DIAMOND DRILL LOG

PROPERTY: SNOWFLAKE
 WTS: _____
 LOGGED BY: _____

LATITUDE: _____
 DEPARTURE: _____
 ELEVATION: _____

AZIMUTH: _____
 DIP: _____
 DEPTH: _____

HOLE NO: SF86-4
 STARTED: _____
 COMPLETED: _____

% REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS						
						Recoy	Au	Ag	Cu			
	21.34-26.95	Massive dark grey sedimentary breccia. Angular grey-brown and pink-brown volc frags in grit matrix. Clasts appear to increase in size to about 26.5m	1% diss & patchy PY - 3% where EP abundant.	24-26	14084	1.90	< 5	< 0.1	153			
		10% EP + PY as clots. Bxx matrix supported. Mod. Perv. CB 1-3mm CB veinlets @ 15°-60° Core much less broken as shown by rec. EP & PY more abundant 27.22-29.05m - up to 10% PY & 25% EP	Fault 27.74-28.4 - CL slips + HE gouge running // to C/A 2mm PY veinlets with slips	26-28	85	1.97	< 5	< 0.1	93			
				28-30	86	1.80	< 5	< 0.1	260			
				30-32	87	1.98	< 5	< 0.1	320			
	26.95-27.22	FAULT-gouge, CL'k slips, PY seams sub // to C/A										
	27.22-29.88	Sheared, broken flow-top brxx(?) EP up to 25%, PY up to 10% as clots. Abundant CB veining Flooding with pink-brown K-spar? GN (?)	Shearing // to C/A 27.74-28.4 - CL'k slips + HE'c gouge - 2-4mm V's PY with slips	32-34	88	1.90	< 5	< 0.1	210			
	29.88-65.35	Massive augite porphyry flows(?) Green-grey rock with about 5% 1-2mm dk green augite xstals		34-36	89	1.99	< 5	< 0.1	190			

LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG

PROPERTY: SNOWFLAKE
 WTS: _____
 LOGGED BY: _____

LATITUDE: _____
 DEPARTURE: _____
 ELEVATION: _____

AZIMUTH: _____
 DIP: _____
 DEPTH: _____

HOLE NO: SF86-4
 STARTED: _____
 COMPLETED: _____

REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS			
						Recov	Au	Ag	Cu
		EP as clots, patches and seams; averages approx 10% to 41m. Core strongly magnetic Very minor fracturing Large patches EP often rimmed by pink-brown GN CB weakly perv to 41m CB veining weak @ 35° -veinlets often irreg & with EP selvage EP averaging 5-10% as seams (+CB) and spots 41-61.5m PY <1% 41-61.5m CB+EP veining 60.35-60.55m 30° & 10° Several EP seams @ 25° 60.35-61.1m Below 43.89m core is less obviously a HB porph-more fine-grained and dioritic in texture-possibly tuff(?) Still strongly magnetic	PY 1% as blebs + EP + CB 33.38 small fault-gougey seam 36.0m HE+CL slips @ 30° 39.2 Talcose seam @ 30° 43.8 Talcose slip @ 25° PY 1% as veinlets and blebs with EP + CP, 55.7m HE+CL slip // to C/A Core very broken 60-60.35m HE&CL slips @ 45° 62m gougey slip @ 15°	36-38 38-40 40-42 42-44 44-46 46-48 48-50 50-52 52-54 54-56 56-58 58-60	14090 91 92 93 94 95 96 97	2.15 2.00 2.05 2.15 1.86 2.05 1.96 1.84 1.85 2.00 2.30 1.83	< 5 10 10 65 60 35 40 40	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	92 72 174 150 210 130 171 103
					52-62 not split because boxes spilled by cows.				

LORNE MINING CORPORATION LTD. — DIAMOND DRILL LOG

PAGE 4 OF 6

PROPERTY: SNOWFLAKE
 NTS: _____
 LOGGED BY: _____

LATITUDE: _____
 DEPARTURE: _____
 ELEVATION: _____

AZIMUTH: _____
 DIP: _____
 DEPTH: _____

HOLE NO: SF86-4
 STARTED: _____
 COMPLETED: _____

# REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS							
						Recov	Au	Ag	Cu				
	65.35-79.10	<p><u>Altered, augite porphyry (?)</u> Sharp contact with above. Pink K-spar flooded rock mottled with 10-50% EP+CL+CB Mottling gives rock a brecciated appearance. Weakly to non-magnetic 5% CB overall CB veining more abundant 75.5-76.3 Most veins @ 60°</p>	<p>1% dissem. PY 69.0-69.2 HE+CB+CL+PY shear // to C/A also 69.6-69.8m Numerous HE'c slips @ 60-65°</p>	60-62		1.95							
	79.10-89.77			<p><u>FAULT</u> - grey tan, gouge sand and sheared broken rock, abundant CB</p>	<p>Shear foliation 35-40° to C/A 1% dissem PY</p>	62-64	14098	1.89	60	< 0.1	188		
						64-66	99	1.94	< 5	< 0.1	50		
						66-68	100	1.41	65	< 0.1	107		
						68-70	101	1.86	30	< 0.1	103		
						70-72	102	1.78	10	< 0.1	8		
						72-74	103	2.43	10	< 0.1	22		
						74-76	104	1.60	15	< 0.1	125		
						76-78	105	2.00	20	< 0.1	54		
						78-79.10	106	0.90	15	< 0.1	64		
						79.10-80	107	0.76	15	< 0.1	205		
						80-82	108	1.54	15	< 0.1	156		
						82-84	14109	1.04	< 5	< 0.1	129		

LORNE MINING CORPORATION LTD. — DIAMOND DRILL LOG

PROPERTY: SNOWFLAKE
 WTS: _____
 LOGGED BY: _____

LATITUDE: _____
 DEPARTURE: _____
 ELEVATION: _____

AZIMUTH: _____
 DIP: _____
 DEPTH: _____

HOLE NO: SF86-4
 STARTED: _____
 COMPLETED: _____

REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS						
						Recov	Au	Ag	Cu			
	89.77-92.60	Pale tan, <u>cherty argillite (?)</u> similar to 17.98-21.34m Highly fract'd and brittle Wk perv CB, numerous CB mV's	No sulphides 92.47 2cm crushed rock - shearing at 40°	84-86	14110	1.28	5	<0.1	69			
				86-88	11	1.12	5	<0.1	77			
				88-90	14119	1.56	20	<0.1	79			
	92.60-94.40	Hematitic <u>tuffaceous siltstone-sandstone</u> . Perv maroon HE'c colour with mottled patches of EP (10-20%) Also pale tan patches from perv CB(?) CB veinlets abundant	Numerous HE+CB slips @60-70°	90-92	14120	2.07	20	<0.1	16			
				92-94	14112	2.05	<5	<0.1	85			
				94-96	13	1.60	<5	<0.1	230			
	94.40-94.79	Fault - gouge, crushed rock		96-98	14	1.18	<5	<0.1	157			
	94.79-105.16	Fine-grained <u>tuffaceous siltstone and argillite</u> . Generally light green-grey (v.f. grained) to med. green-grey (f-med. grained) massive seds. Laced with CB veinlets 98.62-100.12 HE'c staining - similar to 92.6-94.4 Staining appears to prefer coarser seds - fine-med. sandy laminations	1% dissem. PY Bedding @ 50°, 55°	98-100	15	1.65	5	<0.1	43			
				100-102	16	1.54	10	<0.1	6			
				102-104	17	2.16	10	<0.1	4			
				104-105.16	18	1.05	20	<0.1	187			

LORNE MINING CORPORATION LTD. — DIAMOND DRILL LOG

PAGE 1 OF 6

PROPERTY: SNOWFLAKE
 NTS: 92H/15
 LOGGED BY: RMC

LATITUDE: 203+42N
 DEPARTURE: 193+68E
 ELEVATION: approx 1030m

AZIMUTH: 045°
 DIP: -50
 DEPTH: 126.49

HOLE NO: SF86-5
 STARTED: June 7, 1986
 COMPLETED: June 9, 1986

% REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS (ppm except ppb Au)								
						Recov	Au	Ag	Cu					
	0-17.98	CASING-Overburden, no core.												
	17.98-28.71	Green-grey, volc breccia (probably conglomerate). Pink-grey rounded monz frags to 11cm across and variety of grey & maroon porph volc frags in med grained, green greywacke matrix. Frags closely packed. 5% EP as small clasts and replacing Fl xstals in frags Limonitic fract's to 29m Wk to med perv CB Few CB veinlets	Fract's @ 20° & 60° Fault 21.29-21.70m Cl gouge, shearing @ 30° PY 1%, locally to 3%	17.98-20	14121	1.89	100	0.1	415					
	28.71-42.46	Vague contact due to fract'd rock Well sorted, generally fine-coarse grained, grey volc sandstone. Texture appears as fine-grained diorite. Tr to wk perv CB. Bedding locally visible as grey, thinly laminated cherty argillite. CB veinlets 1mm thick-generally sparse. Minor EP as selvage with PY veinlet and locally as 15% spots in core. ie 28.7-32m	PY veinlet 29.64m @ 15° Bedding (15-20°) 70-75° to C/A CB V's 25° & 85°	24-26 30-32 36-38	122 123 124	1.99 1.75 1.93	50 40 80	0.1 <0.1 0.5	500 133 84					

LORNE MINING CORPORATION LTD. — DIAMOND DRILL LOG

PAGE 2 OF 6

PROPERTY: SNOWFLAKE
 WTS: _____
 LOGGED BY: _____

LATITUDE: _____
 DEPARTURE: _____
 ELEVATION: _____

AZIMUTH: _____
 DIP: _____
 DEPTH: _____

HOLE NO: SF86-5
 STARTED: _____
 COMPLETED: _____

* REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS						
						Recov	Au	Ag	Cu			
	42.46- 43.45	Thinly laminated black shale, siltstone, sandstone, Laminations generally 2-5mm Mod. perv CB	5% finely dissem. cubic PY Bedding @ 65° to C/A Numerous syn-depos, small scale faults	42-44	14125	1.75	50	0.4	97			
	43.45- 51.82	Thickly bedded, well sorted med-coarse grained grey volc sandstone as 28.71-42.46m Local grey argillaceous beds Wk perv CB Wk CB veining Below 49.37m shale & siltstone laminations become increasingly abundant forming grad contact with underlying unit	Bedding at 60° to C/A 1% dissem PY Fault 50.5-51.05m-black gouge, lost core.	48-50 54-56	126 127	1.96 1.30	65 20	0.3 0.6	81 140			
	51.82- 52.88	Thinly laminated sandstone & shale Grad unit with overlying and underlying unit	1% PY as dissem. & veinlets	58-60	128	1.18	25	0.7	115			
	52.88- 72.2	Black carb shale-generally massive except for thin beds sandstone towards top of section Mod perv CB & CB veining Core brittle and well fract'd Locally 5-10mm sandy laminations	2% PY as veinlets and cubic CB veinlets 40° 59.3-59.44 Shear-black gouge with 4cm QZ-CBv @ 45° Sheared 2cm wide QZ-CB-PY vein @ 62.03m abd 30° to C/A	60-62	129	1.26	25	0.9	165			

LORNE MINING CORPORATION LTD. — DIAMOND DRILL LOG

PROPERTY: SNOWFLAKE
 NTS: _____
 LOGGED BY: _____

LATITUDE: _____
 DEPARTURE: _____
 ELEVATION: _____

AZIMUTH: _____
 DIP: _____
 DEPTH: _____

HOLE NO: SF86-5
 STARTED: _____
 COMPLETED: _____

% REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS						
						Recov	Au	Ag	Cu			
	78.38-96.85	<u>Heterolithic volc breccia/ conglomerate</u> Closely packed angular to sub-rounded volc + intr. clasts, to 5cm across, in a variably altered wacke matrix. Clasts often vague due to perv alt'n.	3% blebs & dissem PY overall	80-82	14137	1.54	65	0.6	565			
				82-84	138	2.02	160	0.9	500			
	79.65-80.20	Bleaching, perv CY+CB 3% PY, shearing @ 45°	84.15m 5-6cm wide QZ-CP-PY vein with 25% CP @ 15°	84-85	139	1.99	5.59*	22.97*	2.7%			
				85-86	140		3.39*	20.91*	1.5%			
			85.83 3-4cm wide QZ-PY-CP vein at 25° 40% PY, 15% CP	86-88	141	1.87	100	1.0	420			
		CB stringers generally every 5-10cm @ 40° EP averages 10% as blebs & irreg. patches		88-90	142	2.00	125	0.6	560			
	86-90	3-5% EP CB veining weak.	3% PY-blebs & patches tr CP with PY&EP ie 87.78 88.80	90-92	143	2.00	65	0.6	415			
	90-96.85	Similar to 86.90 5-10% EP	3% PY as irreg patches with EP	92-94	144	1.93	140	0.7	440			
	96.74-96.85	core bleached around QZ-CB-PY vein/shear @50°. Blebs CP in bleached zone. Lost core.		94-96	145	2.00	190	0.8	540			
				96-98	146	1.94	140	0.8	450			
				98-100	14147	1.74	60	0.4	151			
		Fault contact										

* gram/tonne

LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG

PAGE 5 OF 6

PROPERTY: SNOWFLAKE
 NTS: _____
 LOGGED BY: _____

LATITUDE: _____
 DEPARTURE: _____
 ELEVATION: _____

AZIMUTH: _____
 DIP: _____
 DEPTH: _____

HOLE NO: SF86-5
 STARTED: _____
 COMPLETED: _____

% REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS						
						Recov	Au	Ag	Cu			
	96.85-98.35	Pale green-grey, v.f. grained volcanic sandstone & siltstone & tuffaceous siltstone. Mod. perv CB Tuffs locally thinly laminated eg 97.5m	1% dissemin. PY CB veinlets 45° Bedding 60°	100-102	14148	1.31	25	0.2	14			
				102-104	149	0.92	15	0.2	30			
				104-106	150	1.72	10	<0.1	48			
	98.35-105.86	Volcanic grit-variably altered 93.35-100.43- strongly EP'd & CL'd. drab olive green colour - fract's hematitic - mod. perv. carb. 100.43-105.86-strongly CY alt'n related to fault @ 102.2-103.3 - FL > MM - weak CB	2-3% dissemin PY 102.20-103.33 FAULT ZONE -white gouge, broken rocks shearing @ 20° -minor PY (1%) as stringers	106-108	151	1.60	15	0.1	27			
				108-110	152	1.95	10	0.2	7			
	105.86-126.49	Feldspar augite crystal tuff (?) - texture indistinct due to incipient alt'n-gross appearance of med. grained diorite - PX > CL - generally 5% EP as 1mm seams and 1-3mm spots - locally to 20% EP over 1/2 metre - local 2-3mm K-spar E's around EP-CB v - fract's HE'c - wk CB veinlets @ 35°	Tr. dissemin. PY Fault 117.35-118.2m, broken rock, HE'c shears/gouge @ 40° Fault 124.0-124.7 CL/HE gouge sub// to C/A	110-112	153	1.70	25	0.3	110			
				112-114	154	2.00	15	0.2	91			
				114-116	155	2.15	<5	0.2	48			

LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG

PAGE 6 OF 6

PROPERTY: SNOWFLAKE
 NTS: _____
 LOGGED BY: _____

LATITUDE: _____
 DEPARTURE: _____
 ELEVATION: _____

AZIMUTH: _____
 DIP: _____
 DEPTH: _____

HOLE NO: SF86-5
 STARTED: _____
 COMPLETED: _____

% REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS						
						Recov	Au	Ag	Cu			
	126.49	- no perv. CB - core generally weakly fract'd except around faults - fract's 35°/55° END OF HOLE Acid Test 52°		116-118	14156	1.67	10	0.2	9			
				118-120	157	1.80	< 5	< 0.1	15			
				120-122	158	1.88	10	0.1	11			
				122-124	159	1.34	15	< 0.1	39			
				124-126.49	160	2.30	5	0.1	40			

LORNE MINING CORPORATION LTD. — DIAMOND DRILL LOG

PROPERTY: SNOWFLAKE
 HOLE NO: 92H/15
 LOGGED BY: RMC

LATITUDE: 206+58N
 DEPARTURE: 194+75E
 ELEVATION: approx. 995m

AZIMUTH: 45°
 DIP: -50°
 DEPTH: 129.54

HOLE NO: SF86-6
 STARTED: June 10, 1986
 COMPLETED: June 12, 1986

REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS						
						Recov	Au	Ag	Cu			
	0-18.90	CASING - No core.										
	18.90-32.92	Massive, black, carb shale. Strong perv. CB but few CB veinlets CB cemented brecciated zone 21.5-21.8m	No bedding Fract's 50°/70° 19-27m dissemin PY + few PY veinlets eg-20m 3mm PY stringer @ 25° - 23.17m 2mm veinlet @15° 24.3m 3mm PY veinlet @ 20° 25.5m 3mm PY veinlet @ 15° PY often forms dissemin along laminae 26.1 11mm CB V @ 40° 27.35 25mm sheared CB+PY @ 20°	18.90-20	14161	1.10	10	0.5	191			
				20-22	162	1.69	25	0.4	157			
				22-24	163	1.70	15	0.4	173			
				24-26	164	2.15	20	0.5	161			
		Below 28.55-black carb shale becomes med grey in colour due to increased silt and fine sand content. Core is very finely laminated. Still strong-mod perv CB		26-28	165	1.60	10	0.1	117			
			Bedding 75° to C/A PY 1%	28-30	166	1.80	10	0.2	100			
			28.8m 18mm CB V @ 25°									
			Fault 32.4-32.9 - broken rock CB Veining	30-32	167	1.42	10	0.1	81			
	32.92	Arbitrary contact- Black carb shale gradually changes to fine-med grained well sorted ss with decreasing shaly lam.		32-34	14168	2.00	10	0.1	89			

LORNE MINING CORPORATION LTD. — DIAMOND DRILL LOG

PROPERTY: SNOWFLAKE
 WTS: _____
 LOGGED BY: _____

LATITUDE: _____
 DEPARTURE: _____
 ELEVATION: _____

AZIMUTH: _____
 DIP: _____
 DEPTH: _____

HOLE NO: SF86-6
 STARTED: _____
 COMPLETED: _____

% REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS			
						Recov	Au	Ag	Cu
	32.92-46.22	Med-grey <u>fine-grained volc sandstone</u> . Well sorted. Generally massive except for shaley lamin. toward top of section. CB stringers every 5-10cm Mod. perv. CB	34.64 shaley lenses @ 85° to C/A 1% dissem. PY few mV PY CB veinlets @ 35° 34.64-35.1 CB cemented BRxx zone 35.1-35.3 Fault gouge sub// to C/A 36.62 Clay gouge.	38-40	14169	1.80	10	<0.1	82
	46.22-54.60	Similar to above but med-grained becoming coarse grained below approx. 53m. Med. perv. CB	42.24 1cm gouge, shear @ 70° 1% PY as blebs & mV's 53.2-53.79 gouge, broken rock. FAULT.	44-46	170	1.90	10	<0.1	88
	54.60-55.72	<u>Heterolithic conglomerate</u> . Clasts sub-rounded to sub-angular, close-packed, 0.5-4cm across Frag's generally pale grey-green, tan-possibly bleached tuffs.	55.02- FAULT. shear @ 20° 55.72 FAULT - shear, CB veining @ 20°	50-52	171	1.98	10	<0.1	87

LORNE MINING CORPORATION LTD. — DIAMOND DRILL LOG

PROPERTY: SNOWFLAKE
 NTS: _____
 LOGGED BY: _____

LATITUDE: _____
 DEPARTURE: _____
 ELEVATION: _____

AZIMUTH: _____
 DIP: _____
 DEPTH: _____

HOLE NO: SF86-6
 STARTED: _____
 COMPLETED: _____

% REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS						
						RECOV	Au	Ag	Cu			
	55.72-57.61	Med. grained well sorted sandstone similar to above but more bleached. Strong perv CB. Shale and silt lense @ 56.54m	1% PY	56-58	14172	2.03	< 5	< 0.1	104			
	57.61-60.75	Poorly sorted, chaotic conglomer. Similar to 54.6-54.7. Volcanic wacke matrix. Assorted angular frags from gravel-70mm across, mostly bleached volc. + some shaley chip. Med. perv. CB	1% dissem. PY									
	60.75-63.60	Poorly sorted volcanic sandstone. Med-grey f-cse grained. Locally dark, carb., with shaley wisps and chips.	tr PY to 3% in carb section	62-64	173	2.00	5	0.2	106			
	63.60-70.83	Chaotic sedimentary breccia - similar to 57.6-60.75, except clasts less bleached - mostly grey to black crowded FL porphyry Breccia close packed, 10% matrix	tr PY 64.7-65.0 5% blebs PY in bleached zone	64-65	174	1.00	20	0.2	100			
	70.83-75.44	Fine-grained volcanic sandstone to 73.09m. Mod. perv. CB. Shaley wisps and swirls towards top. 73.01-75.44 abrupt change to coarse-grained, poorly sorted volc grit	tr PY 73.82-73.92 FAULT - gouge shear @ 35° 75.3-75.4 FAULT - broken rock, gravel	68-70	175	1.95	< 5	0.1	105			
				74-76	176	1.43	95	0.5	118			

LORNE MINING CORPORATION LTD. — DIAMOND DRILL LOG

PROPERTY: SNOWFLAKE
 NTS: _____
 LOGGED BY: _____

LATITUDE: _____
 DEPARTURE: _____
 ELEVATION: _____

AZIMUTH: _____
 DIP: _____
 DEPTH: _____

HOLE NO: SF86-6
 STARTED: _____
 COMPLETED: _____

% REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS						
						Recov	Au	Ag	Cu			
	75.44-83.06	Heterolithic sed. breccia-as 63.6-70.8. Breccia bleached-clasts-pale-tan (CY). Several CB V's from 10-30mm from 75.44-76.74; 78.14-78.35, Bleached sections look-like felsic pyroclastic brxx. 82.2-83.06 Bleached as above CB on fract's. Minor QZ-AB(?) V @ 80° to C/A Core very broken.	CB V'x @ 65° Shear 76.44 @65° Tr PY - 1% PY v's	80-82	14177	2.00	5	0.1	118			
	83.06-129.38	Feldspar-hornblende (?) crystal tuff Med grey matrix crowded with 80% 0.1-2mm FL xstals and 10% elongate HB needles now EP. Generally weak perv. CB. EP gives rock spotted appearance. Core non-magnetic to 108m and then weak-mod mag. below 108m. Core bleached 97.3-105.16 due to numerous, branching 2-5mm QZ-CB V's. Locally vuggy and forming matrix of brecciated tuff. Extremely broken core - 101.7-105.16m	88.30-92.50 FAULT ZONE. sand, gouge, very broken rock. Shearing @ 20° to C/A. No sulphides generally except as noted Fracts 45°/70° Tr CP marg. to V's	86-88 88-90 90-92 92-94 94-96 96-98	178 179 180 181 182 183	0.86 0.50 0.92 0.94 1.37 1.93	<5 <5 <5 <5 20 30	0.1 <0.1 0.1 0.1 <0.1 <0.1	73 107 77 125 88 135			

LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG

PAGE 5 OF 6

PROPERTY: SNOWFLAKE
 NTS: _____
 LOGGED BY: _____

LATITUDE: _____
 DEPARTURE: _____
 ELEVATION: _____

AZIMUTH: _____
 DIP: _____
 DEPTH: _____

HOLE NO: SF86-6
 STARTED: _____
 COMPLETED: _____

% REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS						
						Recov	Au	Ag	Cu			
		EP more abundant as perv patches & veinlets 112.0-113.1m (20%EP) also more EP veining 114.86-115.55 CB veinlets very sparse below 106m	Fract's HE'C 111-114m Small EP'C gougey zone 111.55m @55°	98-100	14184	1.93	5	<0.1	380			
				100-102	185	1.30	10	0.2	270			
				102-104	186	0.40	<5	0.1	210			
				104-106	187	1.00	<5	<0.1	10			
				106-108	188	1.93	<5	<0.1	11			
				108-110	189	1.85	<5	<0.1	9			
				110-112	190	2.05	<5	<0.1	6			
				112-114	191	2.00	<5	<0.1	5			

LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG

PROPERTY: SNOWFLAKE
 NTS: _____
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LATITUDE: _____
 DEPARTURE: _____
 ELEVATION: _____

AZIMUTH: _____
 DIP: _____
 DEPTH: _____

HOLE NO: SF86-6
 STARTED: _____
 COMPLETED: _____

# REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS						
						Recov	Au	Ag	Cu			
				114-116	14192	2.10	<5	<0.1	18			
				116-118	193	2.00	<5	0.5	10			
				118-120	194	2.00	5	0.5	8			
				120-122	195	2.10	<5	<0.1	3			
				122-124	196	2.00	<5	<0.1	4			
			Small CL'C gougey slip 125.3 @ 60°	124-126	197	1.80	<5	0.1	6			
	129.54	Acid Test 51° (Corrected) END OF HOLE.	Small gougey fault 128.1m @ 35°	126.128	198	1.80	<5	<0.1	4			
				128-129.54	199	1.37	<5	<0.1	5			

LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG

PAGE 2 OF 4

PROPERTY: SNOWFLAKE
 NTS: 92H/15
 LOGGED BY: RMC

LATITUDE: 201+00N
 DEPARTURE: 193+76E
 ELEVATION: approx. 1035m

AZIMUTH: 045°
 DIP: -60°
 DEPTH: 100.88m

HOLE NO: SF86-1
 STARTED: May 26, 1986
 COMPLETED: May 28, 1986

% REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS						
						Recov (m)	Au	Ag	Cu			
		Ground core 40.23m	30.03m 2cm wide CB V @70°	38-40	14014	1.70	40	0.2	72			
				40-42	015	2.05	< 5	0.1	35			
			Generally 2-4mm CB veinlet every 25cm; sub// to 70° to C/A but density of veining increases toward fault @/43.6m	42-44	016	1.85	110	0.1	113			
43.62-52.42		<u>Fault/fracture zone</u> Pale grey-tan sheared, broken core. Perv. CB + CY alt. Abundant 2-5mm CB veinlets @45-80° to C/A 46.4m 3cm vuggy CB veinlet with honey-brown mineral?? Locally less bleached, green, epidotized volc. visible eg 47.3-47.5, 49.38-50.44. Fractures HE below 51m		44-46	017	1.85	175	0.5	660			
			47.15m CP veinlet @ 20° to C/A CP veinlet cut by younger CB veinlets.	46-48	018	1.75	65	0.9	1320			
				48-50	019	1.80	60	0.3	575			
			PY generally 2-3mm blebs-tr. amounts to 3% within EP'd volcanic CP occurs in tr amounts generally within PY veinlets	50-52	020	1.55	35	0.2	350			
52.42-57.45		<u>Bleached Tuff(?)</u> Similar to above but core less broken & sheared. 0.5-1mm FL crystal charged pink-brown alti matrix 5% mafics. Could be sub-volc. intrusive. Locally green, epidote sections eg 54.6-55.5 CB abundant as uV's & V's	Fractures red-brown-HE'c 56.37 - 10cm gougey core perp. to C/A 57.15 gauge, shearing// to C/A No sulphides noted.	56-58	021	1.55	< 5	< 0.1	11			

LORNE MINING CORPORATION LTD. — DIAMOND DRILL LOG

PAGE 4 OF 4

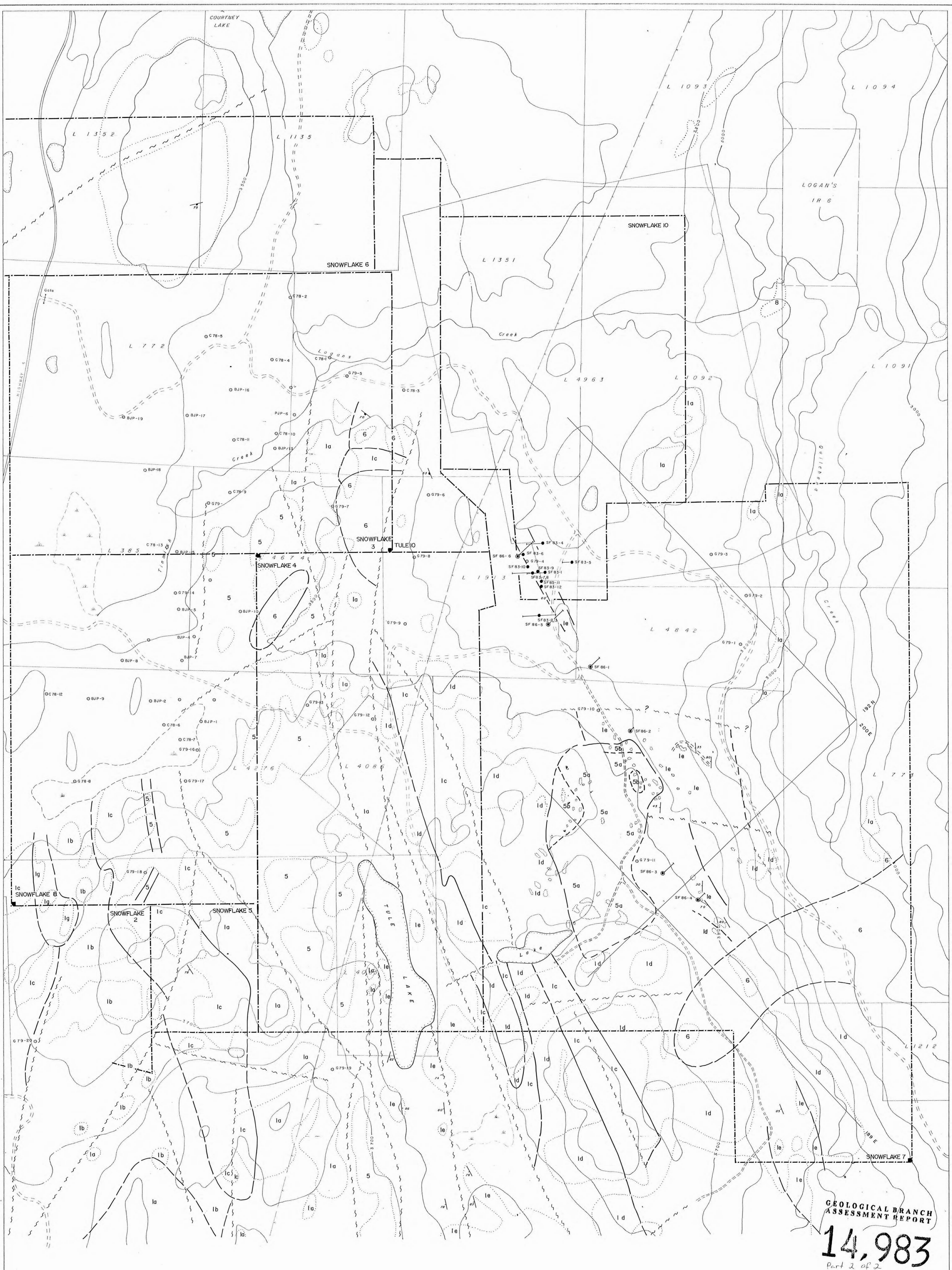
PROPERTY: SNOWFLAKE
 WTS: 92H/15
 LOGGED BY: RMC

LATITUDE: 201+00N
 DEPARTURE: 193+76E
 ELEVATION: approx. 1035m

AZIMUTH: 045°
 DIP: -60°
 DEPTH: 100.88m

HOLE NO: SF86-1
 STARTED: May 26, 1986
 COMPLETED: May 28, 1986

% REC	INTERVAL	ROCK TYPE / ALTERATION	MINERALIZATION / STRUCTURE	INTERVAL	SAMPLE NUMBER	ASSAYS			
						Length	Au	Ag	Cu
	89.61-100.88	Similar to above but original rock appears to be more massive andesite-possibly flow. Generally olive coloured matrix with 5-10% FL xstals and 20% scattered EP spots & seams Where sheared and brecciated rock is bleached to pale grey to tan with abundant maroon-brown staining along fractures, CB V's. and in gouge. Core massive and unshered from 89.61-91.0m. DIP TEST 100.9m - 58°	Dominant fract's & CB veinlets @ 45° & 60° 97.05m 15cm white QZ v @ 50° no sulphides. Bottom contact gougey. 97.8-100.9 core gougey and extremely sheared and broken. CB perv. in gouge and bleached rock. No sulphides noted.	92-94	14027	1.85	5	<0.1	48
				98-100	028	1.40	10	<0.1	9
	100.88	END OF HOLE.							



**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**
14,983
 Part 2 of 2

LEGEND

- | | | |
|--|--|---|
| <ul style="list-style-type: none"> 8 Granodiorite and quartz monzonite. 6 Pink and gray monzonite and syenite. 5 Diorite, quartz diorite, monzonite and diorite breccia b) Breccia 1a Reddish to green augite-plagioclase andesite andesite and basalt flows. 1b Autobrecciated equivalents of 1a. 1c Red volcanic breccia and Lahar deposits, mostly massive. 1d Green volcanic breccia and Lahar deposits, mostly massive. 1e Crystal and lithic tuff, generally well bedded. 1f Bedded to massive, grey, fossiliferous reef flat limestone and related calcareous sedimentary rocks. | <ul style="list-style-type: none"> 19 Well-bedded siltstone, sandstone, and argillite; minor gritstone and pebble conglomerate. | <ul style="list-style-type: none"> ● Diamond drill hole (1986) ○ Diamond drill hole (1983) ○ Percussion drill hole — Bedding attitude — Fault — Contact — B.C. Hydro power line — Lot |
|--|--|---|

Lots 4085, 4086 - Crown Land
 Lots 385, 772, 773, 1091, 1092, 1135, 1212, 1337, 1351, 1352, 193, 4276 - Douglas Lake Cattle Company (1959) Limited.
 Lots 4842, 4674 - Grazing Rights, Douglas Lake Cattle Company (1959) Limited.

NTS 92H/15E
 SCALE 1:5000
 0 50 100 200 300 400 Metres

Lornex Mining Corporation Ltd.
 SNOWFLAKE OPTION
GEOLOGY
 AND DRILL HOLE LOCATIONS
 DATE: NOV. 1985. DRAWN BY: J.D.W. C.D.S./J.S. 10