I.M. WATSON & ASSOCIATES LTD.

DIAMOND DRILLING REPORT

ON THE

SNOWFLAKE 'A' AND 'B' GROUPS

OF

QUILCHENA RESOURCES LTD.

ASPEN GROVE AREA

NICOLA MINING DIVISION, B.C.

92H/15E

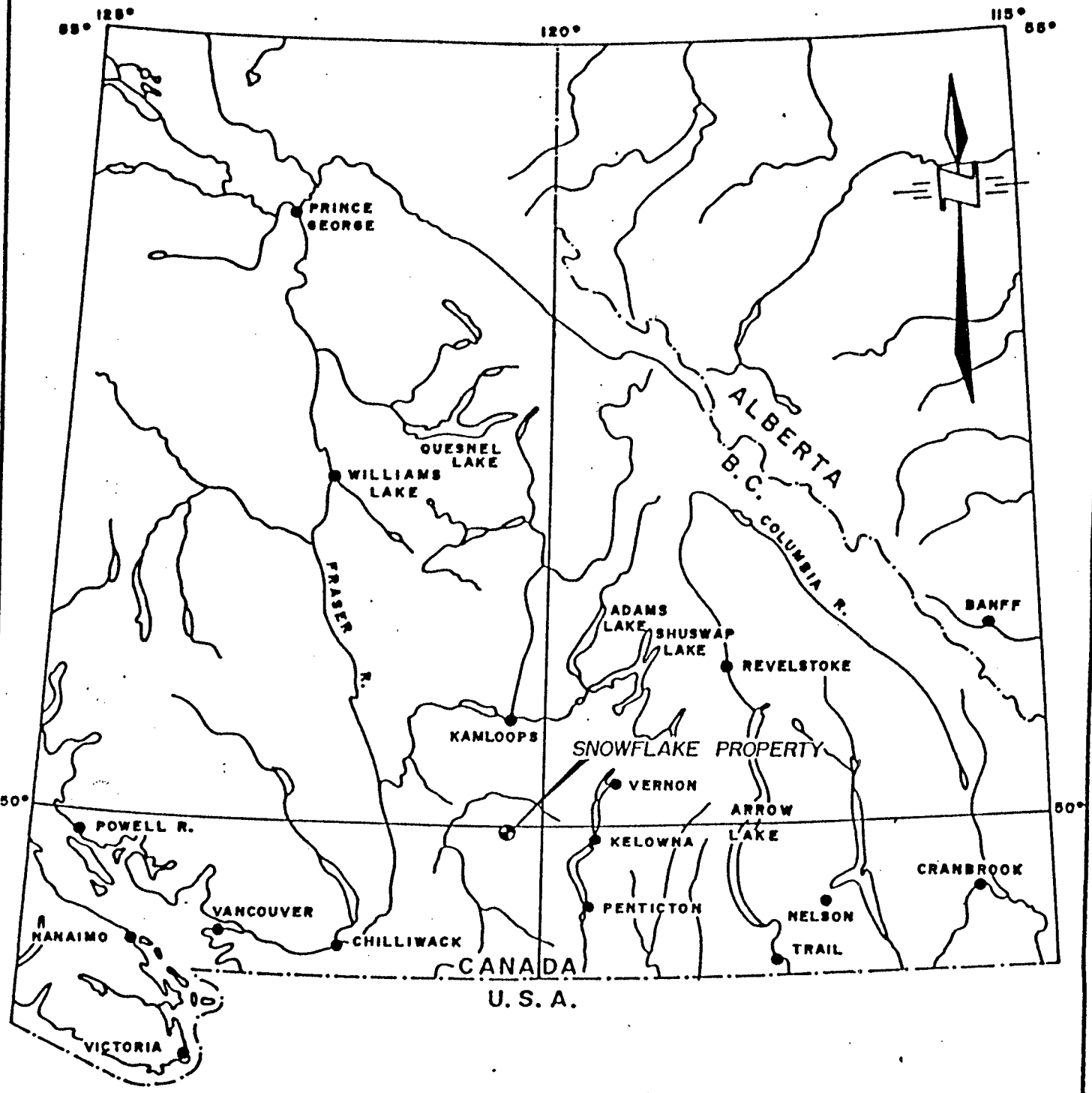
FOR

GERLE GOLD LTD.

I.M. Watson, P.Eng.

May, 1988
Vancouver, B.C.

#816 - 675 West Hastings Street, Vancouver, B.C. V6B 1N2 Tel. (604) 669-6737



GERLE GOLD LTD.	
LOCATION MAP *SNOWFLAKE-POT CLAIMS* *NICOLA MINING DIVISION, B.C.*	
Date: Feb, 1984.	Scale: 1" = 64 Miles
Dwn by: W.G.	Dwg no. 1

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INTRODUCTION

The Snowflake property is situated 23 kms. southeast of Merritt in the Aspen Grove Area of the Nicola Mining Division, south-central B.C.

Mineral exploration of the Aspen Grove area dates back to the turn of the century, and there was intense activity here during the porphyry copper exploration boom of the 1960's and 1970's.

Current interest in the Snowflake property first arose from a report of a diamond drill intersection, made by Vananda Explorations Ltd. and Merritt Copper Company Ltd. in 1967, including a section assaying 0.15 oz/ton Au over 60 feet. On the basis of this information Laramide Resources Ltd. acquired the present Snowflake property by option and staking in 1983. Subsequent geophysical surveys and diamond drilling by Laramide confirmed the presence of gold in a succession of black calcareous argillites and andesitic flows and tuffs. The property was optioned to Lornex Mining Corporation in 1986; and to Gerle Gold Company Ltd. in 1987. Further drilling by both these companies has partially delineated zones of gold mineralisation in the argillites and underlying flows and pyroclastic rocks.

This report summarises the results of the latest phase of drilling by Gerle Gold Ltd. during the period 13 May to 30 June, 1987.

LOCATION, ACCESS & PHYSIOGRAPHY

The Snowflake property is situated 23 kms. southeast of Merritt, and 58 kms. north of Princeton in the Nicola Mining Division, B.C. The centre of the property is at 49°58'N, 120°35'W, and the NTS reference is 92 H/15 E.

The Princeton-Merritt road, Highway 5A, skirts the western boundary of the claims. Access to and across the property is by ranching roads; the most direct route to the northerly part of the property and the current area of drilling is by the Douglas Lake Cattle Company gate, about 25 kms. by road from Merritt.

The property covers an area of gently rolling open range land with scattered clusters of pine and aspen. Quilchena Creek occupies a major north trending valley which bisects the property, and is the expression of a major north-south fault.

Maximum relief on the property is about 300 metres, between elevations 900 m. along Quilchena Creek and 1,200 m. at the ridge tops west of Tule Lake.

Apart from a few, small, swampy ponds, Quilchena Creek and Tule Lake are the only sources of water. During the 1987 drilling programme water was drawn initially from one of the small ponds, but this supply dried up after a few days and thereafter water was pumped from Tule Lake.

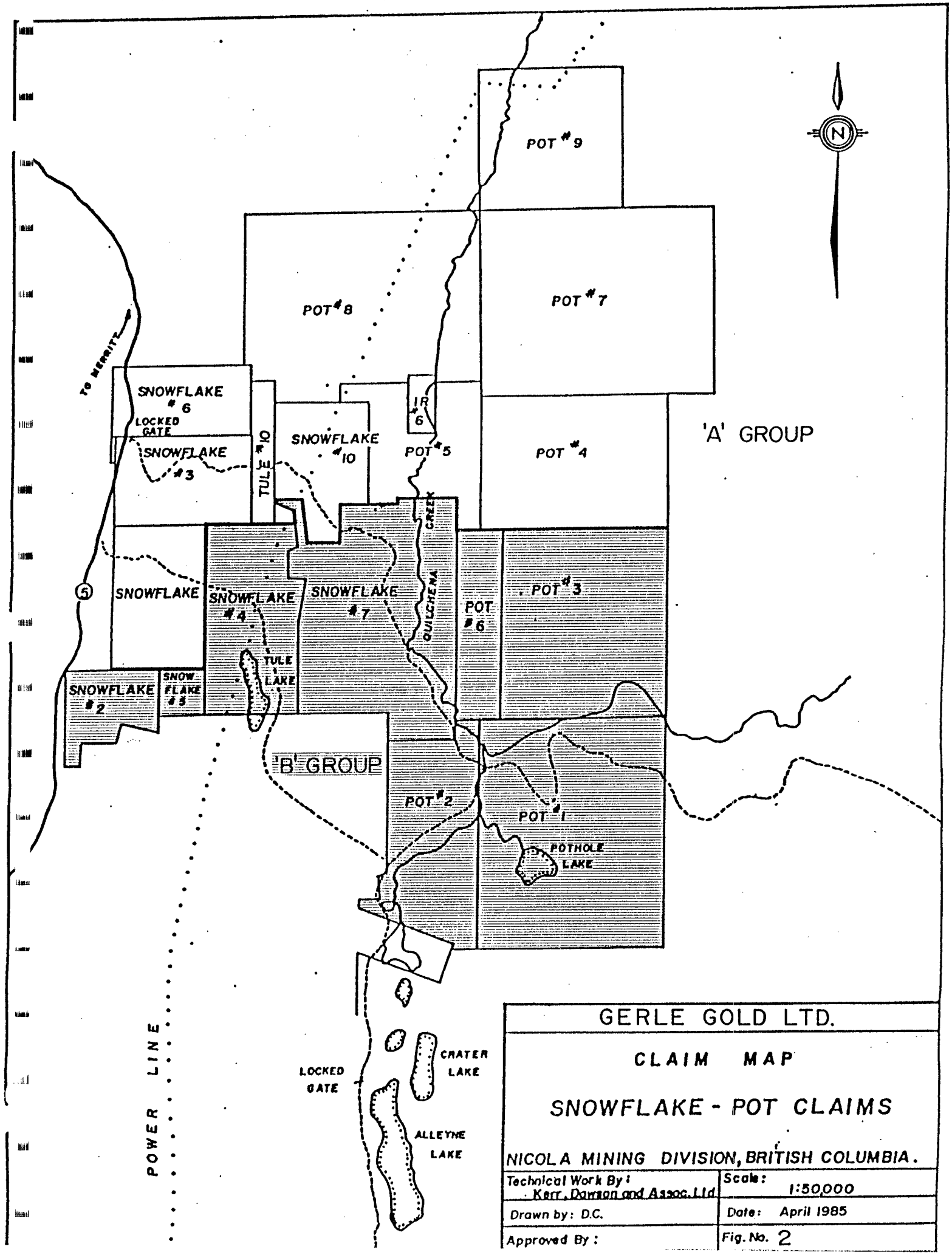
Bedrock exposure is abundant along ridge tops, becomes less common along thinly mantled valley slopes, and is non-existent in the heavily burdened valleys.

CLAIMS

The Snowflake property consists of 18 claims containing a total of 192 units, allocated to two groups, the Snowflake A and B Groups, as follows:

Snowflake A Group

Claim Name	No. of Units	Record No.	Recording Date
Snowflake	6	8	May 13, 1975
Snowflake 3	6	167	August 20, 1976
Snowflake 6	6	321	September 16, 1977
Snowflake 10	6	514	October 25, 1978
Tule 10	4	322	September 16, 1977
Pot 4	12	1537	August 3, 1984
Pot 5	9	1300	October 20, 1984
Pot 7	20	1519	July 19, 1984
Pot 8	20	1520	July 19, 1984
Pot 9	9	1521	July 19, 1984
	98		



GERLE GOLD LTD.

CLAIM MAP

SNOWFLAKE - POT CLAIMS

NICOLA MINING DIVISION, BRITISH COLUMBIA.

Technical Work By: Kerr, Dawson and Assoc. Ltd	Scale: 1:50,000
Drawn by: D.C.	Date: April 1985
Approved By:	Fig. No. 2

Snowflake B Group

Claim Name	No. of Units	Record No.	Recording Date
Snowflake 2	4	93	April 14, 1976
Snowflake 4	8	211	February 11, 1977
Snowflake 5	2	212	February 11, 1977
Snowflake 7	20	470	June 15, 1978
Pot 1	20	1516	July 19, 1984
Pot 2	15	1517	July 19, 1984
Pot 3	20	1536	August 3, 1984
Pot 6	5	1518	July 19, 1984
	94		

All claims are registered in the name of Quilchena Resources Ltd., of 904 - 675 West Hastings Street, Vancouver, B.C.

HISTORY

The Snowflake property lies within what was the most active part of the old Aspen Grove copper camp. Mineral exploration in the property area dates back to the turn of the century. Early Minister of Mines reports refer to several copper occurrences in the 9 km. x 3 km. area between Tule and Kentucky Lakes. A number of old adits and shafts were completed on some of these zones, and at least two (Copper Star; Big Sioux) produced small tonnages.

More detailed accounts of work in the area date from 1958, when assessment work files were started by the government. The most intensive period of exploration occurred during the 60's and 70's, when attention was focussed on the search for porphyry copper deposits.

The following is a summary of the most pertinent data culled from the B.C. government Minfile, annual reports, and available assessment reports.

1958	Granby Mines	Magnetometer survey (AR 250).
	Harry Nesbitt	Staked 'Blue Jay' claims (western portion of present Snowflake property).
1959	Noranda Mines	EM and magnetometer surveys between Courtney Lake and Tule Lake, followed by diamond drilling, trenching and stripping.
1963	Utica Mines Ltd.	50 claims at the junction of Pothole and Quilchena Creeks. Stripping, trenching and mapping.
1964	Harry Nesbitt	Blue Jay 1-4 claims. Surface stripping and 5 drill holes encountered sparse copper mineralisation.
1965	?	CM claims staked (northern part of present Snowflake property).
1966	Vananda Explorations Ltd.	Acquired CM claims. Drilled 9 percussion holes totalling 620'.
1967	Vananda/Merritt Copper Co.	Joint venture - CM claims. I.P. and magnetometer surveys. 3 diamond drill holes (1,438') and 1 percussion hole (420') completed in southwest corner of claim #CM1.

DDH #1:

Au (oz)	Ag (oz)	Cu (%)	Width
0.130	1.15	0.70	165' - 175' (10')
0.150	0.48	0.20	210' - 270' (60')
0.115	1.68	0.26	310' - 320' (10')

1968	Ashland Oil	Optioned Blue Jay claims. Magnetometer survey (40 line miles).
1969	Vananda Explorations	Topographic survey of CM claims.
1970	Bethlehem Copper	DUD claims, at south boundary of present Snowflake property. Percussion drilling, 10 holes totalling 2,700'. Geological mapping.

1971	Rio Tinto	Acquired Blue Jay claims.
1972	Amax Exploration	Halo and Broatch claims at southern boundary of present Snowflake property. Geological mapping; magnetometer survey (28 miles); I.P. survey (6.3 miles); geochemcial soil survey (1,099 samples); percussion drilling 22 holes (6,407').
	Craigmont Mines	Optioned Blue Jay claims. Percussion drilling 19 holes (4,000').
1975	F. Gingell & R.W. Yorke-Hardy	Staked the Snowflake claims. Geochemical and VLF-EM survey (1976).
	Harry Nesbitt	Diamond drilling - 2 holes (86.4 m.) on the Au Pyramid 20-unit claim, near Pothole Lake at the eastern boundary of the present Snowflake property.
1976	E. Bomford & M. Weinstein	Acquired the Ted and Chief claims (covering area formerly covered by the CM claims).
1977	Gingell & Yorke-Hardy	Snowflake claims. Geological mapping.
1978	Cominco Ltd.	Optioned Snowflake property.
1979	Cominco Ltd.	Percussion drilling 14 holes, 121 metres (1978). Magnetometer, I.P. surveys. Percussion drilling, 20 holes, 1,643 m. (1979).
1983 -1985	Laramide Resources Ltd.	Prompted by the 1967 report of gold-bearing drill hole intersections by Vananda/Merritt Copper, Laramide optioned the Snowflake claims. The drill hole collars could not be identified with any certainty and Laramide completed I.P. and magnetometer surveys in order to re-establish the 1967 drill target. The resulting I.P. anomaly was tested by a 12-hole, 996 m. diamond drilling programme which confirmed the presence of gold in the footwall of pyritised calcareous argillites and in underlying andesitic tuffs and breccias; mineralisation was intersected in four holes (SF 83-1, 8, 9 and 12). Assays ranged from a few hundred ppb Au in hole 12 to 1.05 opt Au and 12.0 opt Ag over five feet in hole 8.

1983	Laramide (Cont'd.)	In 1985, following a review and re-interpretation of data, Laramide extended the I.P. and magnetometer surveys to the south. In April 1985 ownership of the claims was transferred to Quilchena Resources Ltd.
1986	Lornex Mining Corporation	Optioned the Snowflake, Snowflake 2-7, Snowflake 10, and Tule 10 claims. Lornex further extended the I.P. survey, revealing an anomaly length of over 1,800 m. The anomaly was tested by six widely spaced diamond drill holes. Hole SF 86-5, collared 200 m. south of the 'Laramide' gold bearing intersections, cut material containing 4.49 g/t Au, 21.94 g/t Ag and 2.10% Cu over 2 m. Lornex relinquished the option.
1987	Gerle Gold Ltd.	Optioned the nine claims which formed the Lornex option. The work completed by Gerle is described in the following section of this report.

DIAMOND DRILLING BY GERLE GOLD LTD., 1987

The 1987 drill programme tested the continuity and extent of the gold zones detected by the Laramide 1983 drilling. The wide spacing of the Lornex holes in 1986 (six holes along 1,600 m. strike length) had not allowed any satisfactory correlation of geology or of mineralisation zones and the closer spacing employed by Gerle (15 m. between holes in the main area of interest) was intended to more precisely define and delineate the gold-bearing zones.

Drilling was carried out by J.T. Thomas Ltd. of Smithers, B.C. over the period 14 May to 7 June, 1987. 16 NQ drill holes totalling 1,239 metres were completed. Drill hole collars were surveyed by G.L. Howarth, B.C. Land Surveyor. Howarth also surveyed in all the identifiable old drill hole collars including those established by Lornex in 1986, Laramide in 1983, and several sites thought to date from 1967. The hole locations are shown on the accompanying plan which is based on the Howarth survey.

Initial attempts to find the site of the 1967 diamond drill hole which first intersected the Snowflake gold zone were unsuccessful, but verbal and photographic information

recently supplied by a former driller enabled identification of a drill site at grid reference 20582N 19479E. The photographs and on-site inspection indicate that the hole was drilled at -45° on an azimuth of 068°. The presumed hole location has been 'tied-in' and is labelled 67-1 on the plan (Fig. 4); the trace of the hole below surface is shown on section 205+60N (Figs. 8A/G).

Core was logged and split at the base 'camp' on Iron Mountain Road, one kilometre west of Highway 5A, and four kilometres north of the property.

Core samples were shipped to CDN Resource Laboratory in Delta, B.C., where they were analysed geochemically for Au, Ag, and Cu. Analyses are shown on the drill sections accompanying this report and the Certificates of Analysis are contained in Appendix B.

The drill core is stored in covered racks at Willow Heights Ranch in Aspen Grove.

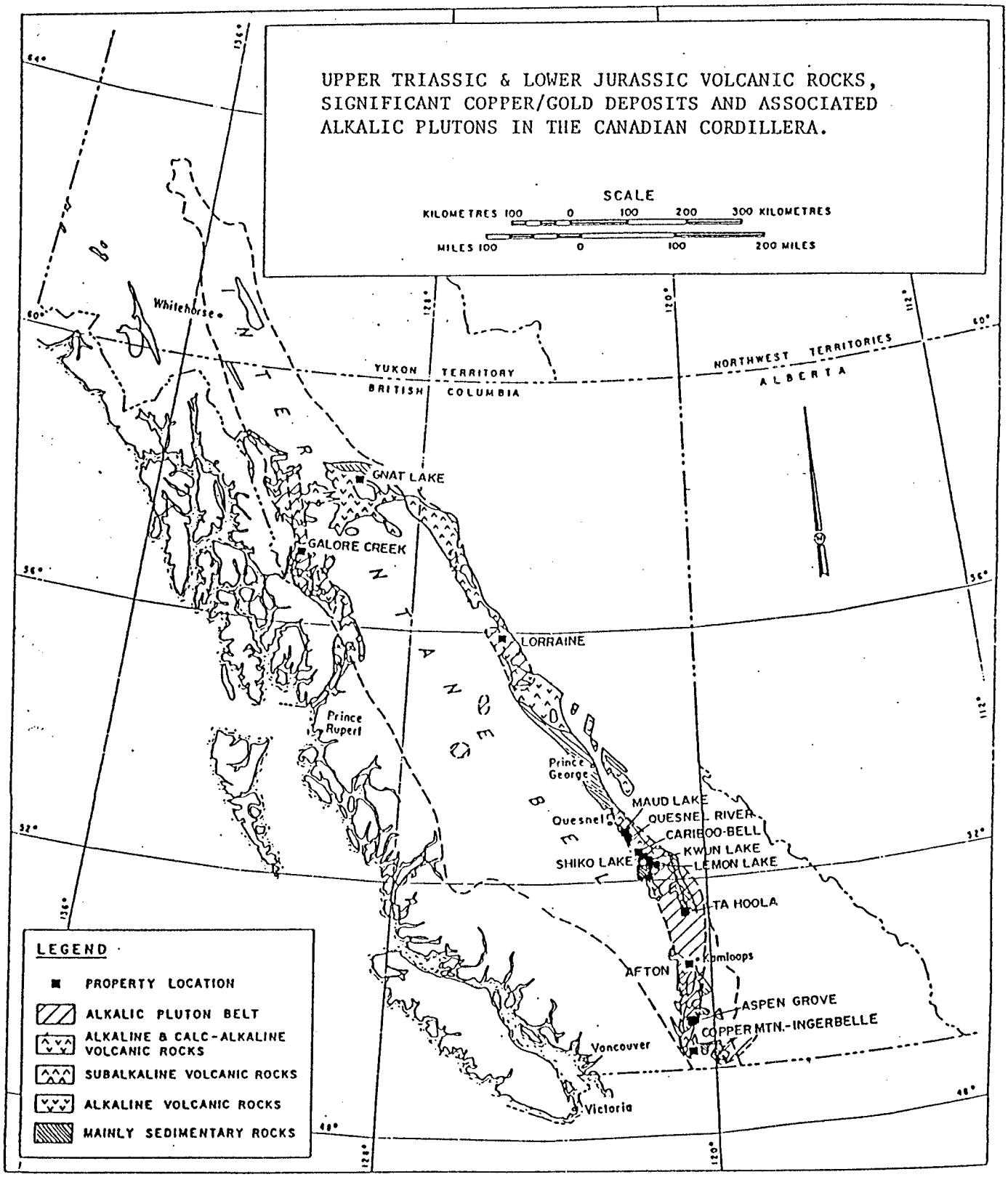
GEOLOGY

Regional Geological Setting

The Snowflake property lies within the Nicola Belt, which forms the southern portion of a northwesterly trending 30-60 kms. wide assemblage of Upper Triassic-Lower Jurassic volcanic and sedimentary rocks, extending from Princeton in the south to the Stikine in the north. The Nicola Belt passes north under Tertiary volcanics and sediments to reappear as the Quesnel Belt in the Quesnel-Cariboo area.

The volcanics of the Quesnel and Nicola Belts form a mixed alkaline and calc-alkaline sequence of andesites, basalts, and derived volcaniclastic monolithic and polylithic breccias and tuffs, and minor sediments.

The volcanic rocks are intruded by comagmatic alkaline plutons, ranging in composition from syenogabbro to alkali syenite. The intrusions appear to be structure related and occur in belts along major lineaments and faults. They vary in size from plugs to small batholiths, and have been emplaced into the volcanic centres which produced the abundance of volcanic material (Barr et al, 1976).



Modified from D. A. Barr et al., C.I.M. Special Volume No. 15, 1976.

FIG. 3

The Nicola rocks are also intruded by calc-alkaline intrusions (biotite and hornblende diorite, quartz diorite, quartz monzonite, and granodiorite), e.g. the Guichon Wildhorse, Coldwater and Allison plutons.

Recent work by Moritimer (1987), has identified three main types of Nicola mafic flows; the petrography and geochemistry of these types is reported to be consistent with Monger's interpretation (1984) that the Nicola Group rocks were formed at a plate margin above an easterly dipping subduction zone.

Between Princeton and Merritt Preto has delineated three assemblages - a Western Belt of easterly dipping calc-alkaline flows, pyroclastics and sediments; a Central Belt of alkaline and calc-alkaline volcanics and intrusions, and minor sediments; and an Eastern Belt of a more sedimentary nature containing westerly dipping volcanic sediments, tuffs and alkaline flows associated with small monzonite porphyry stocks. The belts are separated by major north-striking faults.

Numerous copper deposits occur throughout the Nicola, ranging from small occurrences to major porphyry copper type deposits (e.g. Afton, Similkameen). The greatest concentration of these occurs in Preto's Central Belt rocks in the Aspen Grove area - the old Aspen Grove Copper camp. Most of the copper showings are in propylitically altered, fractured volcanics and sediments adjacent to diorite and monzonite stocks, along the major north-trending fault system. Characteristic mineral assemblages are chalcopyrite, bornite, pyrite, chalcocite, locally with cuprite and/or native copper (Preto, 1979).

Property Geology

The Snowflake claims lie mainly within Preto's Central Belt, and straddle the major fault zone. The claims are underlain by northerly striking intermediate to basic flows, maroon and green polylithic volcanic breccias, tuffs, and minor argillites and limestones. These rocks have been intruded by several irregular small plugs ranging in composition from gabbro to monzonite to syenite. Volcanics and sediments marginal to the intrusions have been propylitised (epdiote-pyrite-chlorite-carbonate) and host erratically distributed patchy copper-pyrite zones of the type described above.

The current exploration programme has been focussed on the gold-bearing volcano-sedimentary sequence first intersected by Vananda-Merritt Copper in 1967, and tested by the Laramide Resources and Lornex Mining Corporation drill programmes in 1983 and 1986. The area of interest lies within the southern part of the Snowflake 10 and the northern part of the Snowflake 7 claims. Drilling here has shown a succession of northwesterly striking, southwesterly dipping andesitic flows and pyroclastic rocks overlain by dark grey to black pyritic calcareous argillites/limestone. These calcareous argillites produce a strong I.P. response which can be traced for over 1,800 m. along strike.

For ease of reference, the succession encountered by the drilling programmes has been subdivided into four main units, as follows:

Andesite. The lowest member of the section consists of massive, fairly uniform, bright green, epidote rich andesite flows and minor tuffs, usually cut by limonite lined fractures.

Lower Volcanic Sequence. The andesites are overlain by chaotic agglomerates and tuffs with few correlatable features. These rocks are generally variably altered (bleached, silicified, pyritised), but alteration is most intense surrounding fractures/veins and fault zones. Quartz carbonate veins occur apparently at random throughout the pyroclastics but more significant sulphide-bearing veins, which carry gold and silver, were intersected at or close to the hanging wall of the unit, and also within the agglomerates.

Igneous Breccia 'Marker'. This field term has been applied to the only distinctive rock type noted in the Lower Volcanic Sequence - a breccia composed mainly of feldspar porphyry fragments. This 'sub-unit' has been intersected in seven holes, at the base of the argillite in the central part of the drilled area, between latitudes 205+00N and 205+60N. A similar rock was intersected in the Upper Volcanic Sequence overlying the argillites, in hole 87-15. The breccia ranges from one to six metres in thickness.

Argillites. The argillites are variably calcareous, dark, graphitic and contain up to 5% disseminated syngenetic pyrite. Locally the rock is finely bedded and contains thin intercalations of pale grey, coarser grained limestones. The unit ranges from 20 m. to

30 m. in thickness. To the south and west the sediments thin and are interbedded with altered tuffs. The drill sections indicate a flattening of dip or a possible structural displacement of the argillites north of about 205+40N.

Upper Volcanic Sequence. The uppermost unit in the area drilled consists of mixed variable, green to grey, tuffs, agglomerates and minor flows.

Mineralisation

Gold occurs in sulphide bearing fracture controlled quartz-carbonate veins in the footwall of the calcareous argillites and in the underlying breccias and tuffs. The veins occur within well defined bleached zones of alteration (pyritisation and silicification). No visible gold has been noted but thin section examination of core samples by A.L. Littlejohn of Vancouver Petrographics revealed gold rich electrum in fractures in pyrite, associated with chalcopyrite, sphalerite and argentite.

The more significant gold intersections are listed below.

			Assays		
Hole No.	Interval (m.)	Width (m.)	Au ppb	opt	Ag ppm
83-1 (Laramide)	76.2 - 77.7	1.5	6,800	0.210*	11.8
83-8 (Laramide)	42.6 - 44.0	1.4	>10,000	1.050*	20.0
83-9 (Laramide)	16.7 - 18.2	1.5	4,000	0.460*	20.0
	45.7 - 47.2	1.5	2,050	0.072*	17.0
86-5 (Lornex)	84 - 85	1.0	5,590		22.97
	85 - 86	1.0	3,390		20.91
87-3 (Gerle)	36 - 37.5	1.5	21,300		34.0
	43.5 - 45.0	1.5	6,830		17.5
87.4 (Gerle)	67.5 - 69.0	1.5	2,200		14.7

* Fire Assays

DISCUSSION OF RESULTS

The Gerle Gold 1987 drilling programme has provided a closer definition of the Snowflake Gold zone. The drill hole intersections, as illustrated by the cross sections, suggest parallel alignments of the veins close to the footwall of the calcareous argillite and in the underlying tuffs and volcanic breccias, in the area between 205+00N and 205+60N.

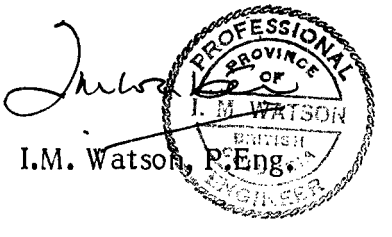
Further to the south at 203+60N the Lornex hole 86-5 intersection appears to correlate with lower grade zones in adjacent holes 87-9 and 87-10.

In both areas the potential zones are almost parallel to the argillite/volcanics contact. In some cases, however, the observed angles of intersection of vein and core axis suggest attitudes steeper than the stratigraphic contacts/beds. Additional fill-in drilling is needed to determine the continuity and attitudes of the zones.

Further useful information has been gained from the discovery of the collar site of one of the two 1967 diamond drill holes completed by Vananda/Merritt Copper (see above). If it is assumed that this is the #1 discovery hole which first intersected the 'Snowflake gold zone', the 1967 assay data indicate that these original intersections lie below and to the east of the zones currently being drilled. The first phase of the 1988 programme should therefore be a 're-drilling' of the 1967 hole to establish whether this is in fact the #1 'discovery' hole; the results of this will establish priorities for the ongoing exploration of the Snowflake Zone(s).

Respectfully submitted,

I.M. WATSON & ASSOCIATES LTD.



I.M. Watson, P.Eng.

CERTIFICATE OF QUALIFICATIONS

I, Ivor Moir Watson, of 584 East Braemar Road, North Vancouver, British Columbia, hereby certify that:

1. I am a consulting geologist with offices at 816 - 675 West Hastings Street, Vancouver, B.C.

2. I am a graduate of the University of St. Andrews, Scotland (B.Sc. Geology 1955).

3. I have practised my profession continuously since graduation.

4. I am a member in good standing of the Association of Professional Engineers of B.C., and a Fellow of the Geological Association of Canada.

5. Work on the Snowflake claims was carried out between May 11 and June 30, 1987 by the following personnel:

I.M. Watson	-	Supervisor/Consultant
C. Campbell	-	Project Geologist
J. Ashenhurst	-	Technician
D. England	-	Core Splitter/Labourer
R. England	-	Cook
J. Randa	-	Foreman

May 20, 1988
Vancouver, B.C.

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA I. M. WATSON

I.M. Watson, B.Sc., P.Eng.

REFERENCES

Barr, D.A., Fox, P.E., Northcote, K.E., and Preto, V.A., 1976. The Alkaline Porphyry Deposits. A Summary in CIM Special Vol. No. 15.

Cann, R.M., 1986. Diamond Drilling 1986, Snowflake Option for Lornex Mining Corporation Ltd.

Cartwright, P.A., 1986. Report on the Continuation of the I.P. and Resistivity Survey on the Snowflake Claims, for Lornex Mining Corporation Ltd.

Cartwright, P.A., 1985. Report on The Induced Polarisation and Resistivity Survey on the Snowflake Claims.

Dawson, J.M., 1984. Report on the Diamond Drilling Programme on the Snowflake Property.

Monger, J.W.H., 1985. Structural Evolution of the South-western Intermontane Belt, Ashcroft and Hope Map Areas, B.C. GSC Paper 85-1A pp. 349 - 358.

Mortimer, N., 1987. The Nicola Group: Late Triassic and Early Jurassic subduction related volcanism in B.C. Can. Jour. Earth Sc. Vol. 24 No. 12 pp 2,521 - 2,536.

Preto, V.A., 1973. Preliminary Map No. 15, Geology of Aspen Grove Area. British Columbia Mines and Petroleum Resources.

Preto, V.A., 1979. Geology of The Nicola Group Between Merritt and Princeton. Bulletin No. 69. British Columbia Mines Energy and Petroleum Resources.

Watson, I.M. 1985. Reconnaissance Geological and Geochemical Survey, Magnetometer Survey, Snowflake A & B Claims for J.M. Dawson and Laramide Resources Ltd.

STATEMENT OF COSTS - SNOWFLAKE A AND B GROUPS

May 11 - June 25, 1987

A Group: Snowflake; Snowflake 3, 6, 10; Tule 10; Pot 4, 5, 7, 8, 9

B Group: Snowflake 2, 4, 5, 7; Pot 1, 2, 3, 6

		* Cost Distribution	
		A Group	B Group
Salaries & Fees			
C. Campbell (Geologist) 30 days @ $280.00/day (May 11-24; 27; 31; June 1-12)	$ 8,400.00		
J. Ashenhurst (Technician) 15.25 days @ $180.00/day (May 12-18; 21; 24-26; June 1; 3-4; 9-11; 13; 23-24; 27)	2,745.00		
D. England (Core Splitter/Labourer) 32.5 days @ $115.00/day (May 14-31; June 2-16)	3,737.50		
R. England (Cook) 18.5 days @ $75.00/day (May 16-31; June 1-13)	1,387.50		
J. Randa (Technician/Foreman) 8.25 days @ $250.00/day (May 11-16; 22; June 10-11; 13)	2,062.50		
I.M. Watson (Consultant/Project Supervisor) 26.25 days @ $400.00/day (May 11-30; June 1-12; 24-25; 27)	10,500.00		
	28,832.50	$ 20,087.60	$ 8,744.90
Food/Accommodation	1,197.50	834.35	363.15
Telephone/Freight	388.15	235.59	102.56
Vehicle Rental (4 x 4) 25 days @ $37.50/day	937.50	653.16	284.34
Fuel & Service	228.14	158.95	69.19
Equipment Purchase/Supplies	913.48	636.42	277.06

		Group A	Group B
Assays/Geochemical Analyses (Cdn. Labs.) (Au + Ag, Cu) 669 @ $13.85/sample	9,259.20	6,450.88	2,808.32
Reproduction and Maps	321.50	223.99	97.51
Drafting (D.L. Phillips) 80.75 hrs. @ $22.00/hr.	1,776.50	1,237.69	538.81
Diamond Drilling (J.T. Thomas Drilling) 1,239 m. @ $92.58/m.	114,707.60	79,916.78	34,790.82
	$ 158,512.07	$ 110,435.41	$ 48,076.65

* Cost distribution pro-rated on basis of direct drilling costs.

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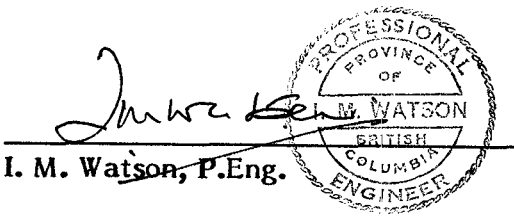

I. M. Watson, P.Eng.

APPENDIX A

DRILL LOGS

C. Campbell – Geologist – 1966 B.Sc. UBC

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8701
Collar Eastings: 19412.50
Collar Northings: 20100.00
Collar Elevation: 996.60

Collar Inclination: -50.00
Grid Bearing: 90.00
Final Depth: 91.40 metres

Logged by: CJC
Date: 05/87
Down-hole Survey: ACID

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au opt	Ag ppm	Cu ppm
0	18.3	OVERBURDEN							
18.3	25.9	AGGLOMERATE Altered, dominantly pale grey. - Buff, hematite stained. Fragments to 2 cms, containing narrow zones v.f gr. chloritic tuff? Highly fractured/sheared, laced by numerous qtz/carb. veinlets, 2-3 mms. Shear zones (chloritic gouge) at 18.6; 19.1; 19.4; 22.9-23.6 (up to 30% Py in fragments). Pyrite, irreg. f. disseminated, @ 19.6; 19.9; 24.5; 25.0. Core recovery 85% - (broken, ground @ 20.0 - 23.6).	1522	18.30	19.80	1.50	0.001	0.1	31
			1523	19.80	21.30	1.50	0.001	0.2	127
			1524	21.30	22.90	1.60	0.001	0.1	46
			1501	22.90	24.50	1.60	0.001	0.0	256
25.9	29.6	ANDESITE? Green, fine to medium grained crystalline. 5-10% augite? Strong (50%) epidote alt., (patchy). Wkly. calc., minor fine carb. veinlets, dom. @ 60/CA. Local bleaching (sil?) eg. 28.4 m pyrite as finely dissem. blebs. Core recovery 98%.	1502	24.50	26.00	1.50	0.001	0.2	113
			1503	26.00	27.50	1.50	0.001	0.4	113
			1504	27.50	29.00	1.50	0.001	0.9	334
29.6	32.6	TUFF? Altered, pale grey, fine to very fine grained epidote and chl., carb. veins/veinlets throughout . Where fresh (30.5 - 31.5) purple, fract. healed by carb. (Dom. @ 30 to 40/CA.)/chl. Pyrite finely diss. through alt. zone as very fine cubes. Core recovery 100%.	1505	29.00	30.50	1.50	0.001	0.3	9
			1506	30.50	32.00	1.50	0.001	0.1	11
32.6	48.2	ANDESITE Dom. green, fine to medium grained, crystalline. Variably altered throughout, mainly epidote, carb. as scattered small veinlets, minor chl. and hematite as coatings along fractures. Pyrite irreg. distributed, wkly. to mod. and finely diss. 33.2 - 34.5 Dissem. Py cubes, and blebs. 34.5 - 35.7 Gouge zone with chl. 45/CA. @ 34.6. 35.8 - 36.0 10% Py. 37.3 Carb. veins, chl. lined 30/CA. 38.7 - 39.9 Carb. veins, chl. lined 30/CA. 41.5 Minor shear zone 50/CA. 45.1 Gouge zone (veins), broken core. 46.5 - 48.2 Broken core and gouge, incl. 46.5 Qtz/carb. vein, minor Py 48.0 Minor ccp.	1507	32.00	33.50	1.50	0.001	0.1	8
			1508	33.50	35.00	1.50	0.001	0.2	14
			1509	35.00	36.50	1.50	0.001	0.1	7
			1510	36.50	38.00	1.50	0.001	0.1	2
			1511	38.00	39.50	1.50	0.001	0.1	2
			1512	39.50	41.00	1.50	0.001	0.1	2
			1513	41.00	42.50	1.50	0.001	0.1	2
			1514	42.50	44.00	1.50	0.001	0.1	3
			1515	44.00	45.50	1.50	0.001	0.1	15
			1516	45.50	47.00	1.50	0.001	0.1	112

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8701

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au ppb opt *	Ag ppm	Cu ppm
		Core recovery 90-95%.							
48.2	49.1	ANDESITIC AGGLOMERATE Altered, green-grey fragmental; epidote in clots. 48.5 Carb. vein @ 80/CA. 48.8 Ccp. dissem. Core recovery 95%.	1517	47.00	48.50	1.50	0.001 *	0.1	27
49.1	91.4	ANDESITE? (As in Section 32.6 - 48.2 above) Augite content variable. Strong to moderate ep, chl., scattered carb./(qtz) veinlets, irreg. dissem. Py., mainly associated with Py. 50.9 Carb/qtz. vein @ 30/CA. 51.5 Minor ccp. 52.5 Carb. veinlet @ 15/CA. 56.2 Carb. vein @ 50/CA. 58.0 - 59.5 Sheared. Ccp bleb @ 58.0 - veins and shearing @ 65/CA. 65.0 Narrow gouge zone 70/CA. 69.5 Qtz carb. veinlet @ 30/CA. 70.5 Qtz carb. veinlet @ 20/CA. 74.5 Fracture zone. 75.4 Carb. veinlet 45/CA. 76.5 - 77.5 Erratic minor Py associated with gouge zone, carb. veins 50/CA. 78.0 Incr. Py down hole. Trace ccp @ 78.0. 79.8 Carb. veinlets @ 35 and 90/CA. 82.1 - 85.3 1% Py, minor ccp. Pink feldspar development. 87.0 - 87.4 Ccp, minor, moderate to strong ep. 90.4 Carb. veins @ 40/CA. No vis. sulphide. Core recovery 95%. Hole stopped. Casing pulled. EOH - Hole drilled to test high ep volcs. cut by Lornex Hole 86-1; Failed to cut limey argillite. May be collared in Upper Volcanic Sequence.	1518 1519 1520 1521 1525 1526 1527 1528 1529 1530 1531 1532 1533 1534 1535 1536 1537 1538 1539 1540 1541 1542 1543 1544 1545 1546 1546 1548	48.50 50.00 51.50 53.00 54.50 56.00 57.50 59.50 60.50 62.00 63.50 65.00 66.50 68.00 69.50 71.00 72.50 74.00 75.50 77.00 78.50 80.00 81.50 83.00 84.50 86.00 87.50 87.50 89.00 89.00 91.40	50.00 51.50 53.00 54.50 56.00 57.50 59.50 60.50 62.00 63.50 65.00 66.50 68.00 69.50 71.00 72.50 74.00 75.50 77.00 78.50 80.00 81.50 83.00 84.50 86.00 87.50 89.00 89.00 91.40 91.40	1.50 1.50 1.50 1.50 1.50 1.50 2.00 1.00 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 2.40	0.001 * 0.001 * 0.001 * 0.001 * 0.001 * 7.000 3.000 1.000 17.000 3.000 1.000 7.000 1.000 1.000 1.000 1.000 1.000 5.000 13.000 10.000 7.000 13.000 12.000 18.000 22.000 22.000 22.000 22.000 8.000	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.3 0.1 0.3 0.1 0.2 0.4 0.2 0.2 0.2 0.2 0.1	70 132 95 140 104 131 72 80 11 8 4 4 1 27 73 108 122 120 74 209 28 90 52 84 170 193 193 193 193 36

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8702
Collar Eastings: 19488.50
Collar Northings: 20541.50
Collar Elevation: 1014.20

Collar Inclination: -50.00
Grid Bearing: 90.00
Final Depth: 49.40 metres

Logged by: CJC
Date: 05/87
Down-hole Survey: ACID

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb opt *	Ag ppm	Cu ppm
0	22.6	OVERBURDEN (N.B. bedrock depth uncertain)							
22.6	32.2	ARGILLITE Black, very fine grained, variably calc., locally finely bedded. Minor, narrow, grey coarser grained bands, tend to be more calc. Finely fractured-fractures carb. healed, some graphitic. Fine pyrite, mainly associated with carb. veins/veinlets. 22.6 - 23.5 Approx. 50% core recovery. 24.5 Carb. vein (2mm), Py. 26.4 Beds @ 30/CA. 27.2 - 27.7 Carb. veins/lenses @ dissem. Py. 29.5 Carb. vein bounded by graphitic slips. 29.6 - 29.8 Shear zone, Py and carb. 30.2 Pyritic banding 20/CA. (cut by 'micro-faults'). Pyrite incr. to lower contact. Core recovery 90 - 95%.	1549	22.60	24.00	1.40	0.001 *	0.2	77
			1550	24.00	25.50	1.50	0.001 *	0.2	69
			1551	25.50	27.00	1.50	0.001 *	0.2	97
			1552	27.00	28.50	1.50	0.001 *	0.3	109
			1553	28.50	30.00	1.50	0.001 *	0.3	148
			1554	30.00	31.50	1.50	13.000	0.4	147
			1555	31.50	32.20	0.70	7.000	0.3	105
32.2	35.7	'IGNEOUS' BRECCIA - 'MARKER' Feldspar por. (2 - 5 mm phenocrysts) in pale grey finely grained matrix (ser. and carb.) Pyrite along fractures and finely grained dissem. - rock darkening down-hole. 33.2 Py and ccp, wkly. dissem. with carb. veinlets. @ 50 & 80/CA. Core recovery 40%.	1556	32.20	33.50	1.30	2.000	0.1	98
			1557	33.50	35.00	1.50	1.000	0.1	90
35.7	36.6	TRANSITIONAL ZONE Bx/fragmental - feldspaar por. fragments and argillite. Sil. and pyritised. Lacy stockwork quartz veinlets. Core recovery 80%.	1558	35.00	36.50	1.50	3.000	0.1	111
36.6	47.9	AGGLOMERATE/TUFF Andesitic fragmental green-pale green where fresh but mainly altered to pale buff. Carbonatitised and sil. zones of bleaching accompanied by irreg. pyritisation and moderate to intense fract. Fractures healed by qtz/carb. veining. 36.6 - 37.2 Broken/ground core. 37.2 - 38.4 Quartz veinlets to 0.5 cms. 25 and 80/CA. 38.9 - 41.1 Alteration Zone - bleached (carb. and sil? and Py) irreg. alt. strongest adjacent to veins/fractures/shears. 39.2 - 39.3 Clay/gouge zone. 39.6 0.5 cms. quartz vein @ 15/CA., pyrite in and adjacent to vein.	1559	36.50	38.00	1.50	2.000	0.1	55
			1560	38.00	39.50	1.50	3.000	0.1	61
			1561	39.50	41.00	1.50	3.000	0.1	104
			1562	41.00	42.50	1.50	5.000	0.1	90
			1563	42.50	44.00	1.50	3.000	0.2	124
			1564	44.00	45.50	1.50	10.000	0.2	86
			1565	45.50	47.00	1.50	0.001 *	0.1	83

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8702

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au opt	Ag ppm	Cu ppm
		40.5 - 41.1 Broken, core recovery 65%.							
		42.4 Qtz/carb. vein (1 cm) containing minor Py, 45/CA.							
		43.3 - 44.8 Qtz/carb. veins @ 10 - 20/CA.							
		46.3 - 46.45 Bleached altered zone, finely dissem. Py, ep.							
		Rock 'freshening' down hole.							
		Core recovery 90%.							
47.9	49.4	ANDESITIC AGGLOMERATE/TUFF	1566	47.00	48.50	1.50	0.001	0.3	258
		Variably altered, fractured. Qtz/carb. veinlets, healing fractures	1567	48.50	49.40	0.90	0.001	0.1	95
		49.4 - Rods jammed in hole. Hole abandoned.							

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8703
Collar Eastings: 19488.50
Collar Northings: 20541.50
Collar Elevation: 1014.20

Collar Inclination: -70.00
Grid Bearing: 90.00
Final Depth: 90.20 metres

Logged by: CJC
Date: 05/87
Down-hole Survey: ACID

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Cu ppm
0	10.4	OVERBURDEN							
10.4	33.8	ARGILLITE/LIMESTONE	1568	10.40	12.00	1.60	7	0.1	49
		Dom. dark grey-black fine to medium grained, fairly mass. locally	1569	12.00	13.50	1.50	10	0.1	85
		bedded. Pyritic. Variably calc. Laced by numerous fine carb.	1570	13.50	15.00	1.50	8	0.1	69
		veinlets healing fractures. Contains bands paler grey coarser	1571	15.00	16.50	1.50	7	0.2	109
		grained and usually more calc. lst., some narrow grit/cong. bands.	1572	16.50	18.00	1.50	10	0.1	104
		10.4 - 12.2 Carb. veinlets @ 15 and 60/CA. and 45/CA. Pyrite	1573	18.00	19.50	1.50	7	0.2	116
		finely dissem. throughout and along veinlets, and fractures.	1574	19.50	21.00	1.50	7	0.2	74
		Limonitic over upper 2 m. (weathering).	1575	21.00	22.50	1.50	5	0.1	75
		12.2 - 16.8 Broken core in part 80% recovery.	1576	22.50	24.00	1.50	5	0.1	48
		12.5 - 14.2 Carb. veinlets (2 mm) - range from 10 to 50/CA.	1577	24.00	25.50	1.50	3	0.1	55
		16.8 - 17.4 Highly fractured carb. vein @ 40/CA.	1578	25.50	27.00	1.50	7	0.1	94
		17.4 - 19.4 Ground core - recovery 45%.	1579	27.00	28.50	1.50	10	0.4	116
		19.4 - 20.4 Broken core - recovery 65%.	1580	28.50	30.00	1.50	8	0.5	101
		20.4 - 24.7 Grey banded lst/dark grey limey argillite, laced by	1581	30.00	31.50	1.50	3	0.3	84
		carb. healed fine fractures 10 and 75/CA. Beds 35/CA.	1582	31.50	33.00	1.50	7	0.3	76
		25.9 - 29.3 Highly fractured, broken core, mainly lst/limey argillite. Gouge zone 27.1 - 29.3. Carb. veinlets/fractures 40/CA.							
		30.3 Beds @ 50/CA.							
		Increasing Py from 30.8 (locally to 5%) with intensifying fract./ carb. veins.							
		33.1 - 33.8 Ground core, gouge. Some bleached sil/ser volc? fragments (50% recovery).							
		Core recovery 75%.							
33.8	34.1	'IGNEOUS' BX 'MARKER'							
		Pale buff, altered, fine to medium grained feldspar por. cut by							
		numerous qtz./Py. healed fractures - core broken/ground.							
		Core recovery 50%.							
34.1	59.7	TUFF/AGGLOMERATE 'Alteration Zone'	1583	33.00	34.50	1.50	227	1.0	132
		Dom. pale buff, locally shades of green where unaltered.	1584	34.50	36.00	1.50	335	1.3	132
		Intercalated tuffs and agglomerates. Highly fractured, sheared.	1585	36.00	37.50	1.50	21300	34.0	150
		Fractures healed by qtz/carb. veins and veinlets. Alteration	1586	37.50	39.00	1.50	75	0.1	54
		strongest in zones of fracturing and shearing and accompanied by	1587	39.00	40.50	1.50	80	0.1	39
		weak to strong finely dissem. Py.	1588	40.50	42.00	1.50	20	0.1	59
		35.4 - 37.0 Highly altered fine grained 'tuff', cut by qtz/carb.	1589	42.00	43.50	1.50	50	0.1	70
		/Py. veins 60/CA (1 cm veins). Up to 5% Py.	1590	43.50	45.00	1.50	6830	17.5	102
		Core recovery 90 - 95%.	1591	45.00	46.50	1.50	65	0.7	206
		38.8 Carb. veins @ 70/CA.	1592	46.50	48.00	1.50	35	0.1	80
		39.3 - 42.5 Broken/ground core - dom. altered bx.	1593	48.00	49.50	1.50	30	0.4	194

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8703

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Ag ppm	Cu ppm
		41.1 - 41.8 Minor Py.	1594	49.50	51.00	1.50	43	0.4	116
		43.3 - 43.6 Shear Zone - marks contact between alt. volc. and	1595	51.00	52.50	1.50	47	0.1	108
		pale green, wkly. pyritised volc. bx. down hole.	1596	52.50	54.00	1.50	7	0.1	91
		43.6 - 44.6 Pale green, altered ser volc. bx/tuff.	1597	54.00	55.50	1.50	1	0.1	96
		44.6 - 45.0 Gouge and highly bx'd qtz/carb. vein containing	1598	55.50	57.00	1.50	1	0.2	164
		dissem. Py, Pbs and poss. pale zns.	1599	57.00	58.50	1.50	1	0.1	98
		45.5 - 45.6 Carb. veinlets containing minor, Py, PbS. Veinlets @ 35/CA.							
		46.3 Tr. PbS?, Ccp.							
		47.5 Carb. veinlet @ 30/CA. Py.							
		48.3 Bleb ccp.							
		48.8 - 50.6 Shear zone, 2.5% Py, tr. ccp. Carb. vein @ 50.0 @ 30/CA.							
		54.4 - 54.6 Bleached zone.							
		55.8 - 56.7 Carb. veinlets, random orientation.							
		57.2 - 57.3 Shear cont Py + qtz veinlets.							
		59.0 - 59.7 Bleached zone. Qtz flooding and veinlets + Py.							
		Core recovery 85%.							
59.7	62.0	FAULT ZONE	1600	58.50	60.00	1.50	8	0.6	109
		Strong Qtzose/graphitic shear zone - 5/CA.	1601	60.00	61.50	1.50	33	0.9	100
		Dissem. sulphides (Py + ?) - broken, ground core.							
		Core recovery 55%.							
62.0	75.3	TUFF/VOLCANIC BX	1602	61.50	63.00	1.50	1	1.2	109
		Variably altered, sim. to section 34.1 - 59.7 above.	1603	63.00	64.50	1.50	87	4.0	121
		62.3 Py, poss. PbS in carb. veinlets.	1604	64.50	66.00	1.50	1	0.6	199
		62.8 - 63.4 Broken core - dissem. Py (PbS?).	1605	66.00	67.50	1.50	1	0.2	124
		63.4 - 64.6 Gouge zone, + carb. veinlets, F. Py.	1606	67.50	69.00	1.50	1	0.1	53
		64.6 - 65.5 Fracts., tight, 20/CA.	1607	69.00	70.50	1.50	1	0.1	40
		66.0 Qtz carb. vein containing f. Py, ccp, in steep fracts.	1608	70.50	72.00	1.50	1	0.1	79
		74.0 - 75.3 Becoming grey green, dom. bx., some small patches ep.	1609	72.00	73.50	1.50	10	0.1	89
		Core recovery 80%.	1610	73.50	75.00	1.50	7	0.1	13
75.3	90.2	ANDESITIC TUFF/AND?	1611	75.00	76.50	1.50	1	0.1	7
		Dom. grey green, variable, massive, fine to medium grained.	1612	76.50	78.00	1.50	10	0.1	10
		Fracts healed by carb. and/or lined with hem. Epidote	1613	78.00	79.50	1.50	60	0.1	11
		erratically distributed throughout. Py, finely and irreg. dissem.	1614	79.50	81.00	1.50	27	0.1	7
		76.7 Carb. vein 10/CA. (Py).	1615	81.00	82.50	1.50	3	0.1	15
		78.0 Carb. vein 10/CA. (Py).	1616	82.50	84.00	1.50	3	0.1	5
		80.6 Carb. vein 5/CA.	1617	84.00	85.50	1.50	10	0.1	12
		81.3 Small carb. veinlets.	1618	85.50	87.00	1.50	33	0.1	13
		83.1 - 83.4 Bleached zone adj. to gouge @ 83.3.	1619	87.00	88.50	1.50	13	0.1	30
		84.4 Carb. vein + Py @ 35/CA.	1620	88.50	90.20	1.70	1	0.1	40

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8703

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au ppb	Ag ppm	Cu ppm
		86.3 Carb. vein @ 50/CA. 87.2 Ep, carb. veinlets, incr. down hole. Core recovery 95%.							
		90.2 - END OF HOLE Casing pulled. Overall core recovery - 82%							

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8704
Collar Eastings: 19452.00
Collar Northings: 20539.00
Collar Elevation: 1012.20

Collar Inclination: -60.00
Grid Bearing: 90.00
Final Depth: 101.20 metres

Logged by: CJC
Date: 05/87
Down-hole Survey: ACID

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Cu ppm
0	12.8	OVERBURDEN							
12.8	23.9	TUFF (Upper Volcanic Sequence) Pale grey green, fine to medium grained, altered (ser/carb.) numerous carb. veins and veinlets. Pyrite irreg. and wkly dissem. 12.8 - 14.0 Numerous carb. veinlets 10/CA. 14.6 - 15.5 F. wkly dissem. Py. 16.9 Small argillite? Frags. 17.4 Carb. vein (2 cm) 40/CA. (minor Py to 18.6). 20.0 - 21.2 Alt. Zone (bleaching) associated with fracturing and gouge. Silicified and ser. + minor Py. 22.3 - 23.9 Ground core + gouge. Py increasing down hole to 5%. Core recovery 85%.	1621	12.80	14.00	1.20	3	0.1	82
			1622	14.00	15.50	1.50	7	0.1	73
			1623	15.50	17.00	1.50	10	0.1	62
			1624	17.00	18.50	1.50	13	0.1	58
			1625	18.50	20.00	1.50	16	0.1	68
			1626	20.00	21.50	1.50	15	0.1	69
			1627	21.50	23.00	1.50	60	0.2	83
23.9	59.7	ARGILLITE Dominantly dark grey, fine grained, variably calc. Mod. to strongly fract., fracts. healed by carb. veins/veinlets. Irreg. dissem. fine grained, Py. 23.9 - 25.6 Ground core - 30% recovery (argillite + carb.). 25.6 - 29.0 Broken core - highly fract. argillite and gouge. Carb. vein frags, minor Py - 70% recovery. 29.0 - 35.7 Ground and broken core, poor recovery (50-60%). Minor vein carb., Py. 37.5 Argillite becoming slightly paler, more calc. 40.0 0.5 cm. veins (2) @ 20/CA. Py. 40.7 Rounded concretions? Pebbles? Up to 2 cms. Graphitic slips. 41.8 - 45.7 Fractured, sheared, with increasing loss of core down hole. Fracts. with pyritic gouge. 45.7 - 46.3 Qtz/carb. vein? containing 25% Py. 47.5 - 48.2 Broken, ground core, gouge, incl. vein carb., f. Py. 48.2 - 49.9 Poor recovery (55%). 50.8 - 52.9 Shearing, gouge zones (60% recovery). 56.5 - 57.3 Sheared, + gouge, minor Py (75% recovery). Core recovery 75 - 80%.	1628	23.00	24.50	1.50	63	0.4	74
			1629	26.00	27.50	1.50	43	0.6	123
			1630	27.50	28.50	1.00	20	0.7	141
			1631	28.50	30.00	1.50	10	0.3	139
			1632	30.00	31.50	1.50	17	0.1	151
			1633	31.50	33.00	1.50	20	0.1	166
			1634	33.00	34.50	1.50	23	0.1	164
			1635	34.50	36.00	1.50	73	0.2	139
			1636	36.00	37.50	1.50	110	0.5	99
			1637	37.50	39.00	1.50	90	0.6	102
			1638	39.00	40.50	1.50	190	0.8	173
			1639	40.50	42.00	1.50	180	1.1	152
			1640	42.00	43.50	1.50	8	0.1	134
			1641	43.50	45.00	1.50	10	0.1	98
			1642	45.00	46.50	1.50	7	0.1	111
			1643	46.50	48.00	1.50	15	0.1	95
			1644	48.00	49.50	1.50	65	0.5	99
			1645	49.50	51.00	1.50	35	0.6	107
			1646	51.00	52.50	1.50	18	0.3	130
			1647	52.50	54.00	1.50	20	0.3	113
			1648	54.00	55.50	1.50	33	1.1	128
			1649	55.50	57.00	1.50	25	0.2	103
			1650	57.00	58.50	1.50	393	13.1	450
59.7	60.5	'IGNEOUS' BRECCIA 'MARKER' Angular frags. (1-2 cms) very pale grey, fine grained feldspar porphyry and lst.	1651	58.50	60.00	1.50	13	0.2	101

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8704

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au ppb	Ag ppm	Cu ppm
		Core recovery 98%.							
60.5	84.5	TUFF/AGGLOMERATE 'ALTERATION ZONE'	1652	60.00	61.50	1.50	38	0.6	122
		Dom. pale grey to buff, altered (ser., carb., silica), locally green	1653	61.50	63.00	1.50	68	1.1	164
		to pale green where fresh. 'Bleached' zones irreg. and finely	1654	63.00	64.50	1.50	402	2.8	202
		pyritised. Py strongest in zones of strongest fracturing. Fracts.	1655	64.50	66.00	1.50	20	0.5	71
		throughout, healed by qtz/carb. veins/veinlets.	1656	66.00	67.50	1.50	103	2.3	470
		62.0 Carb. vein (1 cm) + Py @ 20/CA.	1657	67.50	69.00	1.50	2200	14.7	970
		64.0 Carb. vein (2 cm) + Py @ 20/CA.	1658	69.00	70.50	1.50	53	0.6	125
		67.4 - 68.4 Strongly pyritised zone incl. carb. vein @ 70/CA.	1659	70.50	72.00	1.50	68	0.7	171
		@ 68.4 (minor ccp) bleached and seriticised.	1660	72.00	73.50	1.50	90	0.7	91
		70.2 - 70.6 Dissem. Py.	1661	73.50	75.00	1.50	173	1.1	145
		71.2 - 71.6 Dissem. Py.	1662	75.00	76.50	1.50	346	3.2	162
		73.3 - 74.3 Qtz carb. vein + Py (1 cm) 5/CA.	1663	76.50	78.00	1.50	47	0.1	142
		75.2 Sulphide lined shear (Py, Tr. ccp?).	1664	78.00	79.50	1.50	20	0.1	164
		83.6 - 84.5 Pyritised zone, minor carb. veining hematite	1665	79.50	81.00	1.50	7	0.1	141
		stained fracts.	1666	81.00	82.50	1.50	3	0.1	188
		Core recovery 98%.	1667	82.50	84.00	1.50	3	0.2	100
84.5	101.2	ANDESITE, ANDESITIC TUFF	1668	84.00	85.50	1.50	107	1.1	27
		Green, fine to medium grained, fairly massive, minor carb. as fract.	1669	85.50	87.00	1.50	7	0.1	7
		filling veins and veinlets, and hematite mainly as fract. linings.	1670	87.00	88.50	1.50	10	0.1	4
		Epidote throughout, locally as irreg. segs. Pyrite, finely dissem.,	1671	88.50	90.00	1.50	7	0.1	12
		patchy.	1672	90.00	91.50	1.50	17	0.1	4
		87.3 Narrow bleached zone along 2 mm. hematite stained fract.	1673	91.50	93.00	1.50	17	0.1	14
		@ 10/CA.	1674	93.00	94.50	1.50	833	2.4	785
		90.8 Carb. vein @ 98/CA.	1675	94.50	96.00	1.50	3	0.1	39
		91.1 - 96.0 Sheared, fract., and sil (bleached) zone, gouge	1676	96.00	97.50	1.50	1	0.1	16
		developing in strongest shears, includes 3 cm. qtz-carb-Py-ccp vein	1677	97.50	99.00	1.50	1	0.1	6
		@ 93.5 @ 80/CA.	1678	99.00	101.20	2.20	2	0.1	4
		96.0 - 99.0 Carb. veins/fracts. 30 - 60/CA.							
		98.2 Carb. vein (3 cms.) 60/CA.							
		END OF HOLE							
		Core recovery 92%.							

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8705
Collar Eastings: 19452.00
Collar Northings: 20539.00
Collar Elevation: 1012.20

Collar Inclination: -90.00
Grid Bearing: 0.00
Final Depth: 70.70 metres

Logged by: CJC
Date: 05/87
Down-hole Survey: ACID

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Ag ppm	Cu ppm
0	11.3	OVERBURDEN							
11.3	30.5	TUFF (ALTERED), MINOR ARGILLITE with minor Grey-pale green med. gr. tuff, containing volc. frags., minor argillite clasts. Mod. to strongly calc. except in narrow argillaceous bands, which are in places finely bedded. Minor carb. veinlets healing fractures. Minor Py in or adjacent to fractures. 13.0 - 16.5 Sheared, fractured, and brecciated with much gouge. Core largely broken and/or ground. 20.2 - 21.1 3 cms. calcite healed fracts. approx. 5/CA. becoming gouge filled @ 21.1. 21.1 Fine bedding approx. 30/CA. (tops up-hole?). 22.0 - 22.1 Irreg. calcite/gouge filled fracts. dom. @ 30/CA. 24.9 - 25.0 Dark argillaceous band containing calcite vein (1cm) parallel to beds @ 45/CA. 25.8 - 25.9 Carb. healed shatter bx. zone approx. 35/CA. 26.3 Argillite beds (fine, irreg.) @ 40/CA. cut by fine fracts./slips 30-35/CA. - chl./calcite lined. 28.7 - 28.9 Pale buff alt. along fracts. approx. 5/CA. Sulphides (rare) - 23.6 - Very fine Py? along calcite chlorite slip approx. 20/CA; 26.3 - Very fine Py as small clusters in thin argillite beds; 28.8 - Minor very fine sulphides in alteration zones associated with fracts.	1679	11.30	13.00	1.70	20	0.2	80
			1680	13.00	14.50	1.50	37	0.2	86
			1681	14.50	16.00	1.50	10	0.1	106
			1682	16.00	17.50	1.50	3	0.1	83
			1683	17.50	19.00	1.50	50	0.2	73
			1684	19.00	20.50	1.50	3	0.1	110
			1685	20.50	22.00	1.50	13	0.1	88
			1686	22.00	23.50	1.50	3	0.1	70
			1687	23.50	25.00	1.50	20	0.1	52
			1688	25.00	26.50	1.50	50	0.1	93
			1689	26.50	28.00	1.50	33	0.1	93
			1690	28.00	29.50	1.50	13	0.1	88
30.5	31.2	FAULT Pale creamy grey highly calc. clay gouge containing frags. bleached calc. altered tuff?	1691	29.50	31.00	1.50	107	0.1	84
31.2	32.1	TUFF, ANDESITIC Pale green grey, similar to Section 18.5 - 30.5 above. Very fine delicate bedding, offset (2 mm) by miniature x-fracts. Beds @ 15/CA. Carb. lined slips @ lower contact 35/CA. 2-3 cms. Qtz/Py bands @ upper contact adjacent to fault - very fine Py approx. 15%? Core recovery approx. 85%.							
32.1	33.4	VOLCANIC BX Green buff mottled, chaotic texture, polylithic ill defined irreg. frags. Buff alteration increasingly obscures texture down-hole. Frags. of dark green chloritic-volcs. Chlorite also patchily distributed in fine groundmass? Section laced by very fine sericite lined fracts., gen. @ low angles/CA. Sulphides - Poss. as minute grey crystal clusters mainly in lower	1692	31.00	32.50	1.50	123	0.8	185

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8705

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au ppb	Ag ppm	Cu ppm
		half of section. Core recovery approx. 95%							
33.4	43.1	TUFF/'SILTSTONE'	1693	32.50	34.00	1.50	23	0.2	132
		Pale buff - grey buff, very fine grained, non calcareous, with	1694	34.00	35.50	1.50	97	0.1	87
		increasing argillaceous content down-hole - thin disrupted 1-2 mm	1695	35.50	37.00	1.50	30	0.1	57
		bands @ 55/CA. (34.0) becoming thicker, more prominent.	1696	37.00	38.50	1.50	87	0.3	42
		Increasing carb. content accompanying increasing degrees of	1697	38.50	40.00	1.50	70	0.7	90
		shattering, bxt'n and carb. veining.	1698	40.00	41.50	1.50	17	0.1	51
		34.6 2 cms. gouge filled fract. approx. 40/CA.	1699	41.50	43.00	1.50	7	0.1	49
43.1	53.0	ARGILLITE	1700	43.00	44.50	1.50	33	0.2	68
		Variable sheared fine grained black with local calcareous	1701	44.50	46.00	1.50	37	0.1	56
		lenses. Sulphides generally greater than 1% (Py). Brecciated	1702	46.00	47.50	1.50	43	0.4	114
		and cemented by late CBV's locally to 50%. Bedding 40 to 50/CA.	1703	47.50	49.00	1.50	27	0.9	115
		43.2 Pyritic shear @ 60/CA.	1704	49.00	50.50	1.50	123	0.6	127
		46.5 Graphitic ? shear at 40 degrees; Py.	1705	50.50	52.00	1.50	20	0.3	135
		50.7 - 51.3 Sheared, graphitic zone.							
		51.3 - 53.0 Transition from mainly argillite to mainly limestone graphite or shear at 52.7.							
		Core recovery 55%.							
53.0	61.0	LIMESTONE	1706	52.00	53.50	1.50	0	0.2	84
		Pale grey with argillite fragments and/or lenses. Pyrite to 10% in	1707	53.50	55.00	1.50	57	0.3	84
		argillite, 1 to 3% Py throughout.	1708	55.00	56.50	1.50	10	0.1	66
		56.8 Graphite on shears.	1709	56.50	58.00	1.50	10	0.1	95
		58.7 15 cm. carb. vn. @ 40/CA.	1710	58.00	59.50	1.50	7	0.2	88
		58.8 - 59.0 Gouge.	1711	59.50	61.00	1.50	43	0.4	115
		59.7 - 60.5 Carb. cemented breccia zone, Py = 5% locally.							
		Core recovery 70%.							
61.0	65.4	BRECCIA	1712	61.00	62.50	1.50	10	0.1	88
		Medium to coarse (2 cm) breccia of 75% rhyolite? fragments with	1713	62.50	64.00	1.50	3	0.1	98
		minor argillite in grey carbonate groundmass - coarser to bottom.							
		Late carb. vns. cut fragments.							
		64.2 Large lst fragments.							
		Core recovery 80%.							
65.4	66.8	CHERTY SILTSTONE	1714	64.00	65.50	1.50	10	0.1	114
		Fine grained. Carb. vns. @ 45/CA.							
66.8	67.5	TUFF	1715	65.50	67.00	1.50	20	0.1	69
		Grey, med. gr., containing some large (2 cm) fragments.							
		67.0 Sulphides on shear at 45/CA.							

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8705

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au ppb	Ag ppm	Cu ppm
		67.4 Black-grey gouge and Py ground fragments. Core recovery 90%.							
67.5	69.2	FAULT Major shear. Gouge containing 20% + Py. Core recovery 50%.	1716	67.00	68.50	1.50	20	0.1	111
69.2	70.7	TUFF Calcareous tuff with grit lenses. Core recovery 80%.	1717 1718	68.50 70.00	70.00 70.70	1.50 0.70	17 13	0.1 0.3	109 196
		70.7 - HOLE STOPPED IN BAD GROUND - RODS JAMMING._							

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8706
Collar Eastings: 19488.00
Collar Northings: 20512.00
Collar Elevation: 1016.90

Collar Inclination: -50.00
Grid Bearing: 90.00
Final Depth: 52.10 metres

Logged by: CC
Date: MAY/87
Down-hole Survey: ACID

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Ag ppm	Cu ppm
0	15.2	OVERBURDEN							
15.2	21.0	ARGILLITE Dark grey-black, finely grained, limey in part, coarser grained in more calc. sections. Moderately to heavily fract., healed by carb. veins/veinlets. Pyrite, finely dissem., irreg. distributed. Upper 2 m. rusty (surface weathering). 15.2 - 15.8 Ground core. 16.8 Beds @ 35/CA. 18.3 - 19.1 Gouge zone with 19% Py. 19.3 - 20.0 Numerous variably oriented carb.-healed fracts. 20.0 - 20.4 Pyritic gouge. Core recovery 85%.	1719	15.20	17.00	1.80	13	0.2	94
			1720	17.00	18.50	1.50	13	0.2	77
			1721	18.50	20.00	1.50	76	0.5	40
			1722	20.00	21.00	1.00	73	0.3	28
21.0	31.4	TUFF/AGGLOMERATE - 'Alteration Zone' Dominantly pale buff, bleached, pale green - green where fresh. Polylithic volc. bx/agglom. with minor fine grained tuff. Carb. healed fracts. generally @ 40-55/CA.; minor hematite along fract. planes. Pyrite irreg. dissem. throughout, strongest in zones of most intense alteration (ser./carb.) and fracturing. 21.0 - 21.4 Approx. 5% Py, some argill. frags. 24.5 - 25.5 Small blebs ccp. 26.2 - 26.4 Pyritised carb. veins, 10/CA. 30.1 Coarse py blebs. Core recovery 95%.	1723	21.00	22.50	1.50	93	1.2	160
			1724	22.50	24.00	1.50	276	1.0	335
			1725	24.00	25.50	1.50	400	1.7	290
			1726	25.50	27.00	1.50	1100	1.7	300
			1727	27.00	28.50	1.50	260	1.6	190
			1728	28.50	30.00	1.50	406	0.6	194
31.4	32.2	FAULT ZONE Pale grey gouge containing fine grained grey sulphide.	1729	30.00	31.50	1.50	37	2.6	460
32.2	33.5	AGGLOMERATE, ALTERED Bleached, silicified, finely dissem. Py, finely fractured. Core recovery 95%.	1730	31.50	33.00	1.50	140	1.2	216
33.5	52.1	ANDESITE/ANDESITE TUFF Dark green, fine to medium grained. Altered locally adjacent to hematite lined fracts. - bleaching accomp. by Py, carb, epidote, increasing down hole. 35.5 - 35.6 Bleached zone, weakly pyritised. 37.0 - 38.4 Bleached zone, most intense close to tight shear @ 38.4. 38.4 - 39.6 Ground core, numerous fine carb. veinlets. 41.0 - 41.5 Bleached zone.	1731	33.00	34.50	1.50	57	0.4	390
			1732	34.50	36.00	1.50	13	0.1	186
			1733	36.00	37.50	1.50	23	0.1	97
			1734	37.50	39.00	1.50	7	0.1	55
			1735	39.00	40.50	1.50	3	0.1	3
			1736	40.50	42.00	1.50	17	0.1	1
			1737	42.00	43.50	1.50	17	0.1	21
			1738	43.50	45.00	1.50	10	0.1	40
			1739	45.00	46.50	1.50	10	0.1	28

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8706

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au ppb	Ag ppm	Cu ppm
	41.5 - 42.0	Weakly chloritised, dissem. Py (wk.), broken core.	1740	46.50	48.00	1.50	7	0.1	41
	42.4 - 42.0	Gouge zone.	1741	48.00	49.50	1.50	7	0.1	57
	44.3 - 44.4	Carb. vein @ 70/CA., hematite, minor Py.	1742	49.50	51.00	1.50	7	0.1	4
	45.5 - 52.1	Increasing epidote, as small clots.	1743	51.00	52.10	1.10	7	0.1	3
		Core recovery 85%.							
		52.1 - END OF HOLE							

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8707
Collar Eastings: 19487.00
Collar Northings: 20513.00
Collar Elevation: 1017.00

Collar Inclination: -90.00
Grid Bearing: 0.00
Final Depth: 83.50 metres

Logged by: CC
Date: JUNE/87
Down-hole Survey: -

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Ag ppm	Cu ppm
0	9.8	OVERBURDEN							
9.8	36.0	ARGILLITE	1744	9.80	11.50	1.70	30	0.3	136
		Dom. dark grey-black, fine grained, locally graphitic, variably	1745	11.50	13.00	1.50	150	0.8	135
		pyritiferous, with minor interbeds grey lst., calc. tuff.	1746	13.00	14.50	1.50	80	0.4	121
		Erratically distributed carb. veins/veinlets healing fractures.	1747	14.50	16.00	1.50	30	0.3	130
		Locally finely bedded.	1748	16.00	17.50	1.50	30	0.2	71
		9.8 - 13.0 Rusty weath. - after Py.	1749	17.50	19.00	1.50	33	0.3	192
		13.0 - 17.5 Carb. cemented bx'd zone with minor limey patches. Py	1750	19.00	20.50	1.50	127	0.7	135
		along fracts. and weakly diss. Beds @ 65 degree/ca @ 17.2.	1751	20.50	22.00	1.50	13	1.0	190
		18.6 Beds @ 40/CA.	1752	22.00	23.50	1.50	1	0.2	104
		20.7 - 21.0 Bx'd, carb. cemented.	1753	23.50	25.00	1.50	23	0.3	146
		21.3 - 21.5 Gouge, Py.	1754	25.00	26.50	1.50	7	0.2	76
		21.9 - 22.5 Frags. up to 1.5 cms. dacite in argillaceous matrix.	1755	26.50	28.00	1.50	13	0.2	115
		23.0 - 23.2 Carb. veins. 70/CA. Py.	1756	28.00	29.50	1.50	7	0.3	105
		finely dissem., minor narrow grey lst. beds/lenses, @ 70/CA.	1757	29.50	31.00	1.50	16	0.4	93
		23.3 - 25.6 Broken/ground, pyritic argill.	1758	31.00	32.50	1.50	13	0.3	89
		28.0 - 28.5 Shear, pyritic/graphitic.	1759	32.50	34.00	1.50	36	0.4	70
		28.6 - 28.8 Shear.	1760	34.00	35.50	1.50	46	0.6	134
		29.9 - 30.5 Pyritic gouge, 10% Py (ground core).							
		31.0 - 31.7 Ground core (Py).							
		31.7 - 36.0 Increasing limey content. Py dissem. and along fracts.							
		Lower contact transitional.							
36.0	37.3	'IGNEOUS BRECCIA' MARKER	1761	35.50	37.00	1.50	33	0.3	131
		Pale grey, medium to coarse grained bx., composed of frags. of							
		distinctive feldspar por.							
37.3	56.5	AGGLOMERATE	1762	37.00	38.50	1.50	13	0.2	118
		Dom. variably altered, pale grey-green to bleached; bleaching prev-	1763	38.50	40.00	1.50	143	3.6	440
		alent in zones of carb. healed fracts. Alteration mainly	1764	40.00	41.50	1.50	23	0.2	110
		silicification and sericitisation, with Py dissem. or along fract.	1765	41.50	43.00	1.50	36	0.2	120
		planes.	1766	43.00	44.50	1.50	20	0.2	81
		37.7 Carb. veinlet 5/CA.	1767	44.50	46.00	1.50	500	2.9	285
		39.4 Carb. vein (1 cm) @ 15/CA. containing small blebs Py.	1768	46.00	47.50	1.50	10	0.5	116
		40.0 - 42.7 Pyritised carb. veins/veinlets.	1769	47.50	49.00	1.50	96	0.4	154
		44.5 - 46.0 Gouge zone in highly altered buff volcs. (agglom.).	1770	49.00	50.50	1.50	96	0.9	290
		45.2 - 45.3 Pyritised carb. vein @ 60/CA.	1771	50.50	52.00	1.50	20	0.1	103
		46.0 - 47.5 Numerous carb. veins and Py @ 20-60/CA.	1772	52.00	53.50	1.50	23	0.2	133
		49.3 - 56.0 Shear/gouge zone containing finely dissem. Py.	1773	53.50	55.00	1.50	16	0.1	111
		Carb. veinlets @ 70/CA.	1774	55.00	56.50	1.50	46	1.9	110
		Argill? frags. @ 55.7.							

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8707

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Ag ppm	Cu ppm
56.5	61.0	TUFF?	1775	56.50	58.00	1.50	20	0.9	128
		Buff-grey green, fine to medium grained, small dark phenocrysts -	1776	58.00	59.50	1.50	13	0.2	26
		core broken. Minor Py @ 57.0; 58.4 (along slip); 58.6 and	1777	59.50	61.00	1.50	10	0.1	52
		59.5 - 61.0 including pyrite veinlet @ 59.6 @ 78/CA.							
		59.2 'Shear'/slip.							
61.0	83.5	ANDESITE	1778	61.00	62.50	1.50	30	0.1	53
		Bright - dark green, fine to medium grained, fairly massive, but	1779	62.50	64.00	1.50	13	0.1	71
		cut by hematite lined/carb. healed fracts., variable orientations.	1780	64.00	65.50	1.50	10	0.1	33
		Local alteration (bleaching) associated with fracturing. Epidote	1781	65.50	67.00	1.50	20	0.1	13
		as scattered blebs, patches, becoming more pervasive down hole.	1782	67.00	68.50	1.50	30	0.3	28
		61.2 - 62.1 Scattered small Py disseminations, some associated	1783	68.50	70.00	1.50	20	0.1	3
		with carb. veinlets.	1784	70.00	71.50	1.50	13	0.1	3
		66.0 - 67.8 Shear zone/gouge, containing finely dissem. Py. Py	1785	71.50	73.00	1.50	1199	35.0	7000
		also in bleached altered andesite adjacent to fault.	1786	73.00	74.50	1.50	33	0.5	360
		68.5 - 68.9 Carb. vein cont. finely dissem. Py @ 50/CA.	1787	74.50	76.00	1.50	26	0.1	30
		70.0 'Pyrite Veinlet' @ 45/CA.	1788	76.00	77.50	1.50	16	0.1	4
		71.5 - 73.0 Qtz veins (2) - 20 cms. with Py, Cpy, Carb.	1789	77.50	79.00	1.50	10	0.1	7
		73.0 - 76.0 Dom. bleached andesite fractured, carb. vn'd, with	1790	79.00	80.50	1.50	10	0.1	1
		variably dissem. Py. Minor cpy @ 74.8 in carb.-Py vein.	1791	80.50	82.00	1.50	10	0.1	5
		76.0 - 83.5 Dom. green and., with increasing epidote	1792	82.00	83.50	1.50	7	0.1	48
		content, hematite along carb. healed fracts. (weakly magnetic).							
		83.5 - END OF HOLE							

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8708
Collar Eastings: 19449.50
Collar Northings: 20514.50
Collar Elevation: 1016.30

Collar Inclination: -70.00
Grid Bearing: 90.00
Final Depth: 103.60 metres

Logged by: CC
Date: JUNE/87
Down-hole Survey: ACID

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Ag ppm	Cu ppm
0	15.2	OVERBURDEN							
15.2	39.8	TUFF	1793	15.20	16.50	1.30	7	0.1	60
		Dom. green - grey green, fine-med. gr. Locally altered (bleaching)	1794	16.50	18.00	1.50	26	0.3	69
		- mainly adjacent to carb. healed fracts. Minor Py, mainly finely	1795	18.00	19.50	1.50	23	0.2	85
		dissem. in zones of bleaching particularly adjacent to & along	1796	19.50	21.00	1.50	16	0.1	60
		fracts. or in shear zones.	1797	21.00	22.50	1.50	113	0.4	81
		15.2 - 22.5 Broken/ground core, poor recovery (approx. 50%	1798	22.50	24.00	1.50	100	0.3	60
		overall), some fine sed. @ 19.5 - 22.5. Py @ 15.6; 16.6.	1799	24.00	25.50	1.50	76	0.2	52
		19.0 - Gouge.	1800	25.50	27.00	1.50	63	0.1	97
		22.5 - 27.4 'Bleached' alteration zone, mod. to heavily fract.,	1801	27.00	28.50	1.50	103	0.3	102
		healed by carb., minor patchy Py @ 25.2, 25.8, 27.0 assoct'd. with	1802	28.50	30.00	1.50	46	0.2	87
		fracts.	1803	30.00	31.50	1.50	16	0.1	75
		27.4 - 27.6 Gouge.	1804	31.50	33.00	1.50	16	0.2	56
		27.6 - 31.5 V.f.gr. tuff or siltstone?, finely bedded. Py along	1805	33.00	34.50	1.50	26	0.3	90
		slip @ 28.6 (40/CA) core ground.	1806	34.50	36.00	1.50	13	0.1	57
		33.0 - 33.6 '8x' zone - grey dacite? frags. in f. gr. matrix., cut	1807	36.00	37.50	1.50	10	0.1	71
		by numerous carb. healed fracts; some frags. argill? (core ground)	1808	37.50	39.00	1.50	16	0.1	60
		37.0 Beds @ 50/CA (f.gr. tuff/slst?).							
39.8	60.8	ARGILLITE	1809	39.00	40.50	1.50	13	0.1	68
		Dom. black calcareous, f. gr., finely bedded, containing Py dissem.	1810	40.50	42.00	1.50	16	0.1	110
		& as fract. linings. Locally narrow grey bands limestone. Numerous	1811	42.00	43.50	1.50	23	0.1	138
		irreg. distrib. carb. healed fracts. Argill. locally graphitic	1812	43.50	45.00	1.50	30	0.5	143
		especially in shear zones.	1813	45.00	46.50	1.50	26	0.5	110
		43.2 - 43.5 Gouge, cont. 10% Py.	1814	46.50	48.00	1.50	7	0.2	91
		43.5 - 46.5 Ground core, gouge with frags., locally heavy Py e.g.	1815	48.00	49.50	1.50	7	0.2	87
		@ 45.3.	1816	49.50	51.00	1.50	3	0.1	101
		47.2 Carb. vnlts. @ 50/CA, minor Py.	1817	51.00	52.50	1.50	7	0.2	78
		48.0 - 49.5 Crse. gr. lst. containing Py vns. @ 50/CA	1818	52.50	54.00	1.50	3	0.1	75
		(49.3 Beds @ 45/CA).	1819	54.00	55.50	1.50	1	0.4	80
		52.4 - 54.0 Grey lst. band.	1820	55.50	57.00	1.50	43	0.4	114
		56.6 Beds 60/CA.	1821	57.00	58.50	1.50	20	0.2	104
		60.0 Beds @ 80/CA.	1822	58.50	60.00	1.50	10	0.4	146
60.8	61.5	'IGNEOUS BRECCIA MARKER'	1823	60.00	61.50	1.50	7	0.4	123
		Grey frags. fels. por., in f. gr. calcareous matrix.							
61.5	67.5	AGGLOMERATE/TUFF (ALTERED)	1824	61.50	63.00	1.50	13	0.5	175
		Dom. buff - grey green monolithic agglom. and f. gr. tuff,	1825	63.00	64.50	1.50	10	0.3	128
		intercalated. Alteration - silicification/sericitisation/qtz. carb.	1826	64.50	66.00	1.50	3	0.2	146
		vn'ng - related to fracture intensity. Py irreg. dissem. & along	1827	66.00	67.50	1.50	13	0.2	122

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8708

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au ppb	Ag ppm	Cu ppm
		fracts. 61.5 - 63.0 Gouge/shear zone, dissem. Py. 64.8 - Qtz. vn. perp./CA 66.2 - 67.2 Shearing/gouge approx. parallel/CA, Py.							
67.5	84.0	TUFF (ALTERED) Dom. buff - pale green, med. gr. Variably altered, fractured & sheared, carb. vnd. Alteration = (bleaching) sericitisation 67.5 - 69.0 Highly sheared, gouge, parallel/CA. Dissem. Py. 69.3 - 70.0 Carb. vnlts. + Py, gouge along slips @ 30/CA. 71.0 - 72.0 5% + Py in gouge. 73.7 Shearing @ 45/CA. 76.0 Carb.-Py vnlt. @ 80/CA. 76.5 - 78.0 Broken core, gouge @ 77.9. 79.1 - Carb.-Py vn. @ 30/CA, also @ 79.6 (Py); 79.8 (approx. parallel/CA); 82.0. 82.5 - 84.0 Poor recovery, ground core.	1828	67.50	69.00	1.50	633	5.0	138
			1829	69.00	70.50	1.50	20	2.0	116
			1830	70.50	72.00	1.50	47	0.2	30
			1831	72.00	73.50	1.50	20	0.2	23
			1832	73.50	75.00	1.50	7	0.1	83
			1833	75.00	76.50	1.50	3	0.3	113
			1834	76.50	78.00	1.50	13	0.3	49
			1835	78.00	79.50	1.50	7	0.1	80
			1836	79.50	81.00	1.50	3	0.1	113
			1837	81.00	82.50	1.50	3	0.1	69
			1838	82.50	84.00	1.50	3	0.2	71
84.0	87.0	FAULT - Poor recovery (tri-coned)	1839	84.00	85.50	1.50	1	0.1	57
			1840	85.50	87.00	1.50	2	0.1	82
87.0	89.0	TUFF - As above	1841	87.00	88.50	1.50	1	0.1	30
89.0	103.6	ANDESITE Green, f.-med. gr. crystalline. Patchy epidote becoming more pervasive down hole - numerous hem. lined carb. healed fracts., varying attitudes, dom. parallel & 30/CA. Andesite is mod.-strongly magnetic. 96.0 - Narrow gouge 'zone'/slip with Py. 98.0 - Slickenslides @ 25/CA, minor Py along slip. 101.0 - 102.0 Bleached zone adjacent to shearing. 103.6 - END OF HOLE	1842	88.50	90.00	1.50	1	0.1	83
			1843	90.00	91.50	1.50	1	0.1	59
			1844	91.50	93.00	1.50	1	0.1	6
			1845	93.00	94.50	1.50	1	0.1	2
			1846	94.50	96.00	1.50	1	0.1	4
			1847	96.00	97.50	1.50	1	0.1	3
			1848	97.50	99.00	1.50	1	0.1	1
			1849	99.00	100.50	1.50	1	0.1	1
			1850	100.50	102.00	1.50	1	0.1	2
			1851	102.00	103.60	1.60	1	0.1	79

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8709
Collar Eastings: 19447.00
Collar Northings: 20361.00
Collar Elevation: 1024.90

Collar Inclination: -50.00
Grid Bearing: 90.00
Final Depth: 71.30 metres

Logged by: CC
Date: MAY/87
Down-hole Survey: ACID

FROM	TO	LITHOLOGICAL DESCRIPTION
0	26.9	OVERBURDEN - (CASING TO 25.3) (25.3 - 26.9 Diorite boulder)
26.9	48.0	ARGILLITE Dominantly black, f. gr., finely bedded, calcareous with minor thin interbedded grey lmst/slst. Pyrite irreg. throughout as dissem. and fract. linings. Locally graphitic. Numerous variably oriented carb. healed fracts. 26.9 - 27.0 Slst., pyritic. 34.4 Fract., graphitic, @ 10/CA. 39.6 Beds @ 45/CA. 43.5 - 45.0 Grey lst. 46.5 - 48.0 Increasing carb. vns. + Py.
48.2	58.7	TUFF Green - buff - pale grey f. gr., tuff, altered (silicified). Alteration related to intensity of fracturing. Py erratically distributed throughout, mainly as fine disseminations in zones of alteration/fracturing. 55.5 - 58.5 Interbedded crse. grained tuff & f. gr. slst?, containing dissem. Py.
58.7	71.3	ANDESITE Dom. green, f. gr., variable epidote content; occasional tuff bands. Hematite lined carb. healed fracts. throughout. Erratically dissem. Py. 60.3 Py-cpy-epidote assoct'd with f. carb. vnlts./fracts. 61.5 - 66.0 Tuff/agglom. with scattered minor Py-cpy-epidote @ 63.0; 64.2; 65.4. Carb. vns. mainly @ 40/CA. 70.5 - 71.3 Tuff/bx, minor Py. 71.3 - END OF HOLE

	ASSAYS					
SAMPLE No.	FROM	TO	WIDTH	Au ppb	Ag ppm	Cu ppm
1852	25.30	26.90	1.60	3	3.0	92
1853	26.90	28.50	1.60	13	0.6	188
1854	28.50	30.00	1.50	1	1.0	191
1855	30.00	31.50	1.50	10	1.5	173
1856	31.50	33.00	1.50	3	0.5	159
1857	33.00	34.50	1.50	3	0.7	182
1858	34.50	36.00	1.50	3	0.8	165
1859	36.00	37.50	1.50	3	0.5	161
1860	37.50	39.00	1.50	3	0.3	150
1861	39.00	40.50	1.50	3	0.2	150
1862	40.50	42.00	1.50	7	0.3	149
1863	42.00	43.50	1.50	10	0.2	122
1864	43.50	45.00	1.50	10	0.3	115
1865	45.00	46.50	1.50	10	0.2	103
1866	46.50	48.00	1.50	13	0.2	120
1867	48.00	49.50	1.50	77	0.1	49
1868	49.50	51.00	1.50	10	0.1	97
1869	51.00	52.50	1.50	140	0.1	16
1870	52.50	54.00	1.50	167	0.1	69
1871	54.00	55.50	1.50	433	0.1	63
1872	55.50	57.00	1.50	227	0.1	101
1873	57.00	58.50	1.50	123	0.1	71
1874	58.50	60.00	1.50	103	0.1	76
1875	60.00	61.50	1.50	47	0.1	58
1876	61.50	63.00	1.50	1099	0.1	82
1877	63.00	64.50	1.50	123	0.4	196
1878	64.50	66.00	1.50	80	0.2	98
1879	66.00	67.50	1.50	323	0.2	99
1880	67.50	69.00	1.50	60	0.2	182
1881	69.00	70.50	1.50	40	0.1	152
1882	70.50	71.30	0.80	20	0.1	135

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8710
Collar Eastings: 19411.50
Collar Northings: 20361.00
Collar Elevation: 1026.60
Collar Inclination: -65.00
Grid Bearing: 90.00
Final Depth: 114.00 metres
Logged by: CC
Date: MAY/87
Down-hole Survey: ACID

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au ppb	Ag ppm	Cu ppm
0	15.2	OVERBURDEN (CASING)							
15.2	31.5	TUFF/AGGLOMERATE	1883	15.20	16.50	1.30	63	0.1	290
		Dom. pale grey-green, med. gr., andesitic fragmental, variably	1884	16.50	18.00	1.50	27	0.1	203
		chloritised & carbonatised, wkly. magnetic. Weak & patchily dissem.	1885	18.00	19.50	1.50	17	0.1	161
		Py. Local weak epidote. Grain size coarsening down hole, becoming	1886	19.50	21.00	1.50	3	0.1	25
		'agglomerate' @ 22.5. Carb. lined fracts. Limonite	1887	21.00	22.50	1.50	23	0.3	205
		staining (weathering) over upper part of sctn. 15.2 - 20.0.	1888	22.50	24.00	1.50	27	0.3	163
		17.6 Carb. vnlt. @ 35/CA.	1889	24.00	25.50	1.50	33	0.5	1010
		17.6 - 17.9 Dissem. Py - 1 cm. framboidal xtal clusters, minor	1890	25.50	27.00	1.50	60	0.3	330
		epidote 17.9 - 21.0.	1891	27.00	28.50	1.50	13	0.1	146
		Fracts. @ 45/CA @ 20.0, 20.2 & @ 30/CA @ 21.9.	1892	28.50	30.00	1.50	23	0.1	43
		24.9 - 27.9 Thin vnlts. (carb. + Py + cpy) parallel/CA &	1893	30.00	31.50	1.50	13	0.2	290
		normal/CA @ 25.5 - 25.9 (5/CA); incl. crsly. dissem. cpy @ 26.5, 27.4, 27.9.							
		28.4 Fract. @ 50/CA.							
		29.2 - 31.5 Limonite coated fracts., 15-60/CA.							
31.5	52.7	TUFF, MINOR SEDIMENTS?	1894	31.50	33.00	1.50	23	0.2	475
		Pale grey-green f. gr. tuff, with minor interbeds of f. gr. argill./	1895	33.00	34.50	1.50	20	0.1	330
		slst.? Weakly to mod. fract., fracts. chlorite/limonite coated,	1896	34.50	36.00	1.50	17	0.2	189
		carb. healed. Pyrite locally, patchy wk. disseminations. Fracts.	1897	36.00	37.50	1.50	217	0.4	182
		dom. parallel/CA.	1898	37.50	39.00	1.50	33	0.3	340
		33.3 Malachite along fract., sub-parallel/CA.	1899	39.00	40.50	1.50	37	0.2	200
		34.2 - 34.4 Shear/gouge (2% Py).	1900	40.50	42.00	1.50	93	0.4	400
		39.3 - 39.4 Shear/gouge (Py) carb. vns. @ 10-20/CA.	1901	42.00	43.50	1.50	160	0.6	750
		40.5 Increasingly finer grained tuffaceous slst/argill., highly	1902	43.50	45.00	1.50	20	0.2	151
		fractured, locally cherty (e.g. 43.5 - 45.0).	1903	45.00	46.50	1.50	800	4.4	112
		43.9 Beds @ 60/CA - f. dissem. Py along bedding planes.	1904	46.50	48.00	1.50	80	0.1	76
		45.2 Beds @ 70/CA.	1905	48.00	49.50	1.50	43	0.2	89
		48.3 - 48.8 - Gouge zone and carb. vnlts.	1906	49.50	51.00	1.50	27	0.1	63
		49.4 Beds @ 40/CA.	1907	51.00	52.50	1.50	97	0.4	125
		51.3 - 52.5 Irreg. shear zone accomp. by bleaching, f. dissem. Py.							
52.7	53.9	ARGILLITE							
		Highly fract., sheared, pyritised. Numerous var. oriented carb. vnlts.							
53.9	58.5	TUFF/SILTSTONE/ARGILLITE	1908	52.50	54.00	1.50	33	0.3	122
		Interbedded pale grey-green siltstone, med. gr. tuff, & minor	1909	54.00	55.50	1.50	7	0.2	87
		argillite. Fractured, healed by carb., fracts. @ low angles to CA.	1910	55.50	57.00	1.50	20	0.3	70
		Patchily dissem. f. Py.	1911	57.00	58.50	1.50	27	0.3	105

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8710

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au ppb	Ag ppm	Cu ppm
58.5	64.5	TUFF/AGGLOMERATE	1912	58.50	60.00	1.50	13	0.3	83
		Pale green, coarsening down hole, calc. (matrix); scattered carb.	1913	60.00	61.50	1.50	17	0.3	92
		vns., varying orientations. Rare Py.	1914	61.50	63.00	1.50	13	0.4	121
		60.3 Minor Py.	1915	63.00	64.50	1.50	10	0.4	164
		64.3 Beds @ 50/CA.							
64.5	70.3	TUFF/SILTSTONE?	1916	64.50	66.00	1.50	10	0.3	101
		Pale grey - green, v.f. gr. cherty sed. with intercalated argill.	1917	66.00	67.50	1.50	13	0.3	74
		layers, minor crse. gr. tuff. Irreg. fract., wk. to bx./stockwork,	1918	67.50	69.00	1.50	7	0.2	65
		carb. healed. Some tight plastic folding.							
		66.0 - 67.5 Broken - bx'd. slst.							
70.3	74.9	ARGILLITE	1919	69.00	70.50	1.50	10	0.5	255
		Black, f. gr., sheared & bx'd. Graphitic bx & fracts., carb healed.	1920	70.50	72.00	1.50	157	0.6	172
		Irreg. pyritised, pyrite strongest in shear/fract. zones.	1921	72.00	73.50	1.50	17	0.5	460
		70.3 - 71.0 Bx'd. gouge, 2-3% Py.							
		71.0 - 73.5 Ground core.							
		73.7 - 73.9 Graphitic shears, pyritic.							
74.9	81.8	TUFF/AGGLOMERATE	1922	73.50	75.00	1.50	23	0.6	110
		Med. gr. tuff, calc., and agglomerate. Var. altered (bleached,	1923	75.00	76.50	1.50	733	0.4	110
		silicified, carbonatised) scattered carb. healed fracts., alteration	1924	76.50	78.00	1.50	390	0.5	260
		most intense in areas of strongest fracturing.	1925	78.00	79.50	1.50	216	0.3	220
		76.3 Beds @ 50/CA.	1926	79.50	81.00	1.50	10	0.3	55
		77.8 Carb./ep. vnlt. @ 15/CA.							
		78.4 - 79.3 Scattered euhedral Py xtals.							
		79.5 - 79.8 Chl.-Carb. vn.							
81.8	82.9	FAULT	1927	81.00	82.50	1.50	47	0.2	92
		Shear/gouge zone. 30/CA @ FW.							
82.9	84.7	TUFF/AGGLOMERATE (as 74.9 - 81.8 above)	1928	82.50	84.00	1.50	60	0.2	88
		Grey green, locally bleached, grain size increasing down-hole.							
		Irreg. carb. vns./fracts.							
		84.7 Rounded pebble/frag., Py rimmed.							
84.7	102.5	AGGLOMERATE (ALTERED)	1929	84.00	85.50	1.50	47	0.2	109
		Pale grey - green, polylithic (andesite, dacite, diorite) frags. in	1930	85.50	87.00	1.50	97	0.4	116
		f. gr. feldspathic matrix silicified. Alteration, accomp. by	1931	87.00	88.50	1.50	176	0.4	135
		bleaching, strongest adj. to fracts./shears, 30-60/CA.	1932	88.50	90.00	1.50	200	0.5	135
		85.9 - 86.1 Qtz. carb. vn. @ 70/CA	1933	90.00	91.50	1.50	87	0.2	118
		86.7 - 87.4 Sheared	1934	91.50	93.00	1.50	27	0.3	147
		88.5 - 90.2 Minor epidote, irreg. bleaching.	1935	93.00	94.50	1.50	30	0.4	215

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8710

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au ppb	Ag ppm	Cu ppm
		91.2 - 91.5 Minor f. gr. dissem. Py.	1936	94.50	96.00	1.50	10	0.1	27
		92.5 - 92.8 Qtz.-carb.-Ep-chl-Py zone.	1937	96.00	97.50	1.50	7	0.1	144
		93.0 - 94.0 Py, dissem., numerous carb. vns. @ 40-50/CA (core	1938	97.50	99.00	1.50	10	0.1	96
		ground)	1939	99.00	100.50	1.50	3	0.2	193
		94.4 Qtz.-Py frags. (broken/ground core)	1940	100.50	102.00	1.50	43	0.6	410
		94.5 - 99.0 Bleached alteration zone, minor dissem. Py.							
		99.0 - 102.5 Chloritised, ep rich agglom., local bleaching minor Py.							
102.5	114.0	ANDESITE	1941	102.00	103.50	1.50	43	0.5	340
		Green, epidote rich. Ep along slips and as grains, segregations.	1942	103.50	105.00	1.50	30	0.2	8
		Numerous carb. healed fracts. 45-50/CA.	1943	105.00	106.50	1.50	7	0.2	7
			1944	106.50	108.00	1.50	17	0.1	56
		114.0 - END OF HOLE	1945	108.00	109.50	1.50	7	0.1	48
			1946	109.50	111.00	1.50	7	0.2	17
			1947	111.00	112.50	1.50	7	0.2	39
			1948	112.50	114.00	1.50	13	0.2	57

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8711
Collar Eastings: 19246.00 | Collar Inclination: -50.00 | Logged by: CC
Collar Northings: 20099.50 | Grid Bearing: 90.00 | Date: JUNE/87
Collar Elevation: 1006.20 | Final Depth: 91.40 metres | Down-hole Survey: ACID

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Ag ppm	Cu ppm
0	19.0	OVERBURDEN							
19.0	22.8	AGGLOMERATE Dom. grey, locally bleached, pyritic. Minor tuffaceous/sedimentary beds. Irreg. pyritised, strongest in zones of bleaching/fracturing. Fractures carb. healed, varying orientations, but dom. 40-60/CA. 19.3 - 20.5 Dark argillite? zone, containing 10% Py. 20.0 - 20.4 Carb. vnlts. @ 45 & 40/CA. 20.4 - 20.5 Pyritic gouge 20.9 - 21.9 Bleached alteration zone. 22.3 Fract. 45/CA - Py + cpy on slip surfaces.	1949	18.90	20.50	1.60	73	0.4	38
			1950	20.50	22.00	1.50	40	0.2	175
22.8	38.3	TUFF/SILTSTONE Interbedded light grey - buff mottled. F. gr. tuff & buff siltstone? variably altered (bleaching, carbonate-silica-Py) - strongest in areas of fracturing/shearing. Fracts. carbonate healed, orientation var. from 10-50/CA, dom. @ 40-45/CA. Minor narrow 'lenses' of volc. agglom. 33.4 Minor epidote, Py.	1951	22.00	23.50	1.50	13	0.4	710
			1952	23.50	25.00	1.50	13	0.2	135
			1953	25.00	26.50	1.50	7	0.2	16
			1954	26.50	28.00	1.50	33	0.1	23
			1955	28.00	29.50	1.50	17	0.1	31
			1956	29.50	31.00	1.50	17	0.3	170
			1957	31.00	32.50	1.50	7	0.2	25
			1958	32.50	34.00	1.50	3	0.5	180
			1959	34.00	35.50	1.50	3	0.3	104
			1960	35.50	37.00	1.50	77	0.1	44
38.3	48.5	AGGLOMERATE Andesitic - variable pale grey-buff, locally maroon, altered - bleached zones in areas of strong fracturing. Fracts. carb. healed. 39.1 - 40.0 Bleached alt. zone - heavily fractured/veined, 3-5% Py. 40.0 - 41.5 Shear zone - (gouge) 41.5 - 41.7 Maroon (hematitic) agglom., with scattered Py & epidote blebs & clots. Py also along fracts. 41.7 - 43.0 Bleached alteration zone adj. to shear zones @ 42.5 & 42.8. Py, minor cpy. 44.0 - 48.5 Shear/breccia zone. Highly fract. & sheared maroon (hematitic), irreg. pyritised, with local chlorite, epidote. Minor cpy @ 44.0 & 45.9.	1961	37.00	38.50	1.50	13	0.1	211
			1962	38.50	40.00	1.50	33	0.3	500
			1963	40.00	41.50	1.50	10	0.2	94
			1964	41.50	43.00	1.50	27	0.1	186
			1965	43.00	44.50	1.50	143	0.1	164
			1966	44.50	46.00	1.50	350	0.1	118
			1967	46.00	47.50	1.50	27	0.1	10
48.5	91.5	ANDESITE Green, f. gr., fairly massive, mod. to pervasively altered (epidote, carb., Py). Cut by numerous fine carb. healed & hematitic fractures, no obvious preferred orientations. 49.2 - 50.2 Carb.-Py vein, sub parallel/CA. 55.3 - 55.8 Gouge slips.	1968	47.50	49.00	1.50	23	0.1	25
			1969	49.00	50.50	1.50	13	0.1	28
			1970	50.50	52.00	1.50	17	0.1	53
			1971	52.00	53.50	1.50	3	0.1	34
			1972	53.50	55.00	1.50	10	0.1	35
			1973	55.00	56.50	1.50	10	0.1	15

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8711

FROM	TO	LITHOLOGICAL DESCRIPTION
		61.6 Narrow (1 cm.) gouge filled slip.
		68.5 - 70.0 Fracture zone - broken/ground core.
		70.3 - 70.4 Qtz.-carb.-Py vn. in chloritic gouge @ 50/CA.
		72.5 Minor cpy with qtz. blebs.
		75.7 Minor cpy.
		84.6 Minor cpy.
		86.2 4 cm. hematitic gouge 40/CA.
		90.9 Minor cpy.
		91.5 - END OF HOLE

	ASSAYS					
SAMPLE No.	FROM	TO	WIDTH	Au ppb	Ag ppm	Cu ppm
1974	56.50	58.00	1.50	20	0.1	12
1975	58.00	59.50	1.50	30	0.1	13
1976	59.50	61.00	1.50	17	0.1	87
1977	61.00	62.50	1.50	23	0.1	25
1978	62.50	64.00	1.50	40	0.1	16
1979	64.00	65.50	1.50	27	0.1	55
1980	65.50	67.00	1.50	20	0.1	131
1981	67.00	68.50	1.50	20	0.1	81
1982	68.50	70.00	1.50	30	0.1	96
1983	70.00	71.50	1.50	87	0.6	230
1984	71.50	73.00	1.50	100	0.1	32
1985	73.00	74.50	1.50	10	0.1	23
1986	74.50	76.00	1.50	10	0.1	17
1987	76.00	77.50	1.50	17	0.1	14
1988	77.50	79.00	1.50	10	0.2	119
1989	79.00	80.50	1.50	13	0.1	55
1990	80.50	82.00	1.50	27	0.1	17
1991	82.00	83.50	1.50	17	0.1	63
1992	83.50	85.00	1.50	13	0.1	179
1993	85.00	86.50	1.50	10	0.1	16
1994	86.50	88.00	1.50	10	0.1	94
1995	88.00	89.50	1.50	10	0.1	36
1996	89.50	91.40	1.90	23	0.1	390

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8712
Collar Eastings: 19488.00
Collar Northings: 20559.00
Collar Elevation: 1012.50

Collar Inclination: -50.00
Grid Bearing: 90.00
Final Depth: 54.90 metres

Logged by: CJC
Date: 06/87
Down-hole Survey: ACID

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Ag ppm	Cu ppm
0	12.2	OVERBURDEN (CASING)							
12.2	38.7	ARGILLITE	1997	12.20	14.00	1.80	7	0.1	122
		Dom. black calc. f. gr. with grey to pale grey limey beds; paler	1998	14.00	15.50	1.50	3	0.2	78
		bands tend to be coarser. Locally graphitic. Dark argill. bands	1999	15.50	17.00	1.50	10	0.1	61
		contain finely dissem. Py up to 5%. Numerous irreg. distrib. carb.	2000	17.00	18.50	1.50	10	0.1	110
		veins/veinlets throughout. @ var. angles/CA.	3001	18.50	20.00	1.50	13	0.3	116
		15.5 - 18.0 Broken core.	3002	20.00	21.50	1.50	10	0.3	91
		19.5 Gouge.	3003	21.50	23.00	1.50	10	0.2	76
		20.0 - 21.5 Bx'd argillite, carb. cemented.	3004	23.00	24.50	1.50	7	0.3	78
		21.5 - 22.0 Broken core.	3005	24.50	26.00	1.50	3	0.3	82
		26.7 Beds @ 55/CA.	3006	26.00	27.50	1.50	10	0.7	119
		28.5 Beds @ 60/CA.	3007	27.50	29.00	1.50	3	0.5	101
		29.2 Gouge lined slip.	3008	29.00	30.50	1.50	3	0.6	89
		29.8 Beds @ 45/CA.	3009	30.50	32.00	1.50	3	0.4	106
		32.3 Beds @ 60/CA.	3010	32.00	33.50	1.50	2	0.1	53
		33.7 Carb. veinlet/gouge.	3011	33.50	35.00	1.50	17	0.5	89
		33.8 Beds @ 40/CA.	3012	35.00	36.50	1.50	10	0.4	106
		37.5 - 38.1 Bx.-pale grey/lst and dark argillite and dissem. Py.	3013	36.50	38.00	1.50	17	0.9	142
		Py veinlets @ 50/CA.							
		Core recovery approx. 96%.							
38.7	47.0	AGGLOMERATE	3014	38.00	39.50	1.50	10	0.8	146
		Pale grey-green polylithic. Numerous fract. controlled carb. veins/	3015	39.50	41.00	1.50	7	0.3	143
		veinlets, moderate to major angles/CA.	3016	41.00	42.50	1.50	7	0.4	123
		48.3 Py, minor along carb./hem.	3017	42.50	44.00	1.50	10	0.1	148
		45.1 Carb. vein @ 35/CA.	3018	44.00	45.50	1.50	7	0.1	145
		45.7 - 46.0 Carb. vein @ 10/CA., minor Py.	3019	45.50	47.00	1.50	12	0.1	111
		Core recovery 97%							
47.0	54.9	AGGLOMERATE/TUFF	3020	47.00	48.50	1.50	7	0.1	91
		Similar to above but with intercalated medium grained tuff layers.	3021	48.50	50.00	1.50	10	0.1	105
		Local alteration (bleaching).	3022	50.00	51.50	1.50	25	0.1	189
		49.0 - 49.3 Bleached zone, minor Py.	3023	51.50	53.00	1.50	22	0.1	86
		50.1 Qtz/carb. veinlet @ 10/CA.	3024	53.00	54.90	1.90	2	0.1	113
		51.1 - 51.3 Qtz/carb. vein @ 15/CA.							
		51.5 - 54.9 Local bleaching, minor epidote, e.g. 51.5 - 53.6 and							
		@ 54.4 with minor Py associated with qtz/carb. veins @ 65/CA.							
		54.9 - END OF HOLE							

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8713
Collar Eastings: 19488.00
Collar Northings: 20559.00
Collar Elevation: 1012.50

Collar Inclination: -90.00
Grid Bearing: 0.00
Final Depth: 73.20 metres

Logged by: CJC
Date: 06/87
Down-hole Survey: ACID

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Ag ppm	Cu ppm
0	11.6	OVERBURDEN							
11.6	53.7	ARGILLITE, MINOR GREY LST/TUFF?	3025	11.60	13.00	1.40	3	0.1	143
		Dark grey-black, wkly. pyritic, locally graphitic with interbeds of	3026	13.00	14.50	1.50	3	0.1	154
		pale grey lst./calc. tuff? Numerous fract. controlled carb. veins/	3027	14.50	16.00	1.50	3	0.1	129
		veinlets throughout, no obvious preferred orientation.	3028	16.00	17.50	1.50	17	0.1	135
		11.6 - 13.0 Broken core.	3029	17.50	19.00	1.50	27	0.1	141
		13.2 Carb. veinlet @ 75/CA.	3030	19.00	20.50	1.50	13	0.1	135
		17.2 Beds @ 20/CA.	3031	20.50	22.00	1.50	10	0.1	172
		18.5 Gouge along slips.	3032	22.00	23.50	1.50	2	0.1	152
		19.6 - 20.0 Narrow carb. vein stockwork + 3% Py.	3033	23.50	25.00	1.50	7	0.1	185
		26.5 - 34.0 Dom. grey lst.	3034	25.00	26.50	1.50	3	0.1	146
		34.8 Argill/tuff? band contact @ 45/CA.	3035	26.50	28.00	1.50	3	0.1	127
		37.0 - 38.5 Bx'd argill (broken core).	3036	28.00	29.50	1.50	1	0.1	124
		40.0 - 41.5 Graphitic, sheared.	3037	29.50	31.00	1.50	7	0.1	90
		42.8 Beds @ 40/CA.	3038	31.00	32.50	1.50	8	0.1	132
		43.9 Slump structures - beds @ 40/CA.	3039	32.50	34.00	1.50	3	0.1	113
		44.5 - 46.0 Py laminae along bedding planes (beds @ 30/CA.	3040	34.00	35.50	1.50	3	0.2	106
		47.2 5 cms. graphitic gouge containing carb. vn.	3041	35.50	37.00	1.50	3	0.2	116
		47.5 - 50.8 Gouge zone in black argill.	3042	37.00	38.50	1.50	1	0.1	110
		51.0 Beds @ 50/CA.	3043	38.50	40.00	1.50	3	0.4	132
		Core recovery 89%	3044	40.00	41.50	1.50	5	0.4	128
			3045	41.50	43.00	1.50	3	0.4	114
			3046	43.00	44.50	1.50	3	0.2	98
			3047	44.50	46.00	1.50	3	0.1	85
			3048	46.00	47.50	1.50	10	0.1	87
			3049	47.50	49.00	1.50	7	0.1	121
			3050	49.00	50.50	1.50	100	2.3	152
			3051	50.50	52.00	1.50	127	2.8	255
			3052	52.00	53.50	1.50	53	0.6	162
53.7	63.3	IGNEOUS BX? (Marker)	3053	53.50	55.00	1.50	10	0.1	118
		Grey calc. agglom/bx, angular to sub. rounded frags., dissem. Py in	3054	55.00	56.50	1.50	12	0.1	117
		calc. matrix. Mixed and./argill./diorite frags. incl. fels. por.,	3055	56.50	58.00	1.50	7	0.1	148
		latter best developed @ 60.0 - 60.3 (Marker?). Scattered carb.	3056	58.00	59.50	1.50	43	0.3	134
		veins/veinlets.	3057	59.50	61.00	1.50	33	0.1	128
		53.7 Contact with argill. @ 55/CA.	3058	61.00	62.50	1.50	17	0.2	129
		60.0 - 60.7 Bleached zone containing carb. veinlets @ 45/CA.							
63.3	73.2	TUFF	3059	62.50	64.00	1.50	13	0.1	92

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8713

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au ppb	Ag ppm	Cu ppm
		Pale grey-green, finely grained, carb. rich. Scattered carb. veins/	3060	64.00	65.50	1.50	20	0.1	46
		veinlets, generally low angles/CA. Local minor Py.	3061	65.50	67.00	1.50	13	0.1	28
		63.8 Minor Py associated with carb. veinlet @ 30/CA.	3062	67.00	68.50	1.50	10	0.1	44
		71.3 - 71.4 Py associated with carb. veinlets.	3063	68.50	70.00	1.50	36	0.4	75
		71.8 Qtz. carb. veinlet with Py, minor cpy.	3064	70.00	71.50	1.50	56	0.8	68
			3065	71.50	73.20	1.70	83	2.3	615
		73.2 - END OF HOLE							

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8714
Collar Eastings: 19488.00 | Collar Inclination: -70.00 | Logged by: CC
Collar Northings: 20497.00 | Grid Bearing: 90.00 | Date: JUNE/87
Collar Elevation: 1015.80 | Final Depth: 56.70 metres | Down-hole Survey: ACID

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Cu ppm
0	12.8	OVERBURDEN (CASING)							
12.8	30.5	Argillite, black, f. gr., pyritic, fractured & locally brecciated.	3066	12.80	14.50	1.70	92	0.6	171
		Fractures & breccia carb. healed. Minor interbeds grey lst.	3067	14.50	16.00	1.50	17	0.3	141
		Locally graphitic in zones of shearing.	3068	16.00	17.50	1.50	13	0.1	67
		14.9 Beds @ 45/CA.	3069	17.50	19.00	1.50	17	0.1	103
		16.4 - 18.2 Grey lst.?, heavily pyritised fract. along planes,	3070	19.00	20.50	1.50	26	0.2	111
		minor gouge @ 17.0 m.	3071	20.50	22.00	1.50	20	0.2	84
		19.0 - 21.8 Highly sheared, numerous graphitic lined slips.	3072	22.00	23.50	1.50	13	0.2	99
		21.8 - 22.0 Ground core.	3073	23.50	25.00	1.50	20	0.5	69
		22.0 - 23.1 Grey lst. Ground core.	3074	25.00	26.50	1.50	20	0.5	155
		25.7 - 26.4 Gouge/shear 5% Py.	3075	26.50	28.00	1.50	40	0.7	151
		26.5 - 28.0 Grey lst., including thin gouge filled shear	3076	28.00	29.50	1.50	63	0.6	114
		@ 27.0 - 27.3.							
		28.9 - 30.4 Gouge filled shear(s).							
30.5	37.0	TUFF/SILTSTONE	3077	29.50	31.00	1.50	30	0.2	154
		Buff, f. gr., highly sheared, sericitised, chloritic, pyritised.	3078	31.00	32.50	1.50	17	0.1	69
		Qtz. vns. along core, irreg.	3079	32.50	34.00	1.50	228	1.8	350
			3080	34.00	35.50	1.50	66	0.6	163
			3081	35.50	37.00	1.50	218	1.7	285
37.0	38.9	FAULT	3082	37.00	38.50	1.50	89	0.9	190
38.9	47.8	LIMESTONE, MINOR TUFF/SLST.	3083	38.50	40.00	1.50	86	0.6	61
		Grey-buff, f. bedded, fossiliferous? (2 cm. shell casts? -	3084	40.00	41.50	1.50	205	0.7	192
		indistinct). Pyritic.	3085	41.50	43.00	1.50	36	0.6	63
		39.5 Beds @ 35/CA.	3086	43.00	44.50	1.50	224	2.2	1740
		41.0 Beds @ 30/CA - Py along bedding planes.	3087	44.50	46.00	1.50	119	1.4	1380
		43.0 Graphitic slip.	3088	46.00	47.50	1.50	46	0.1	28
		43.2 - 44.5 Bx'd. slst.							
		45.4 - 45.7 Strong Py, assoct'd. with qtz.-carb. segregation.							
47.8	56.7	ANDESITE/ANDESITE TUFF	3089	47.50	49.00	1.50	33	0.1	3
		Transitional contact. Epidote rich green-grey green, xtalline,	3090	49.00	50.50	1.50	26	0.2	2
		f.-med. gr., partly altered. Alteration - epidote - k.spar? -	3091	50.50	52.00	1.50	347	0.2	148
		pyrite, strongest where carb. healed fractures most abundant.	3092	52.00	53.50	1.50	56	0.1	17
		Hematitic along fracture surfaces.	3093	53.50	55.00	1.50	314	0.3	176
			3094	55.00	56.70	1.70	86	0.3	203
		56.7 - END OF HOLE							

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8715
Collar Eastings: 19488.00
Collar Northings: 20481.00
Collar Elevation: 1015.40

Collar Inclination: -70.00
Grid Bearing: 90.00
Final Depth: 64.60 metres

Logged by: CC
Date: JUNE/87
Down-hole Survey: ACID

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Au ppb	Ag ppm	Cu ppm
0	13.4	OVERBURDEN (CASING)							
13.4	18.7	ANDESITE, (ALTERED) Green, but mainly bleached & limonite stained (surface weathering). Fractured and brecciated. 14.0 - 15.1 Gouge zone. 18.0 - 18.7 Pale grey-white highly altered, containing grey sulphide? + Py, mainly along fracts. (possible dyke?).	3095	13.40	15.00	1.60	30	0.3	141
			3096	15.00	16.50	1.50	47	0.5	92
			3097	16.50	18.00	1.50	566	10.0	85
18.7	19.5	FELDSPAR PORPHYRY 'BRECCIA' (MARKER?) Angular frags. pale grey feldspar porphyry in blue grey matrix.	3098	18.00	19.50	1.50	97	0.8	47
19.5	24.5	ANDESITE (ALTERED) Buff to pale green, f. gr., pyritised, highly fract; fracts. carb. healed, pyritic. 21.4 - 23.5 Gouge - Py and grey sulphide weakly dissem.	3099	19.50	21.00	1.50	23	0.2	68
			3100	21.00	23.00	2.00	17	0.2	78
			3101	23.00	24.50	1.50	30	0.3	58
24.5	45.5	ARGILLITE/ANDESITE TUFF? Interbedded black f. gr. argill., calc. and pyritic, and less abundant grey-buff altered tuff? Carb. healed fracts., no obvious preferred orientation. 24.7 - 25.3 Gouge. 25.6 - 26.0 Bx., carb. cemented (argill. frags.). 28.8 - 29.7 Ground core. 30.5 - 34.5 Dom. alt. and. tuff. 34.5 - 35.0 Gouge containing frags. and. & argill. 43.7 - 43.8 Gouge. 43.8 - Py vn. @ 35/CA.	3102	24.50	26.00	1.50	200	1.6	104
			3103	26.00	27.50	1.50	57	0.8	109
			3104	27.50	29.00	1.50	500	2.9	208
			3105	29.00	30.50	1.50	123	1.1	104
			3106	30.50	32.00	1.50	73	0.4	105
			3107	32.00	33.50	1.50	13	0.2	66
			3108	33.50	35.00	1.50	160	1.0	99
			3109	35.00	36.50	1.50	256	1.3	82
			3110	36.50	38.00	1.50	286	1.8	76
			3111	38.00	39.50	1.50	900	3.8	56
			3112	39.50	41.00	1.50	133	1.0	117
			3113	41.00	42.50	1.50	73	0.8	129
			3114	42.50	44.00	1.50	500	4.3	69
			3115	44.00	45.50	1.50	193	1.9	173
45.5	64.6	ANDESITIC TUFF (ALTERED) Dominantly buff, silicified, highly fractured & brecciated. Pyrite throughout, strongest in fracture/shear zones. 48.0 - 48.2 Pyritic gouge zone. 49.5 Qtz. vn. @ 80/CA. Py. 59.0 - 60.5 Minor epidote as small grains in andesite matrix. 62.0 - 63.5 Green andesite/andesitic tuff? limonite stained fracts @ 63.3 - 63.5. 63.9 - 64.3 Altered, bleached, bx'd. Py. 64.3 - 64.6 Gouge along slip @ 64.3, (Py) adjacent to alt. bleached	3116	45.50	47.00	1.50	40	0.6	153
			3117	47.00	48.50	1.50	266	2.3	394
			3118	48.50	50.00	1.50	50	0.3	45
			3119	50.00	51.50	1.50	10	0.1	4
			3120	51.50	53.00	1.50	1	0.1	26
			3121	53.00	54.50	1.50	1	0.1	51
			3122	54.50	56.00	1.50	1	0.1	7
			3123	56.00	57.50	1.50	7	0.1	16
			3124	57.50	59.00	1.50	33	0.1	4
			3125	59.00	60.50	1.50	23	0.1	4

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8715

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Au ppb	Ag ppm	Cu ppm
		tuff? down hole.	3126	60.50	62.00	1.50	3	0.1	4
		Note 59.0 - may mark contact with andesite.	3127	62.00	63.50	1.50	1	0.1	3
			3128	63.50	64.60	1.10	17	0.1	9
		64.6 - END OF HOLE							

I. M. WATSON & ASSOCIATES LTD.

DIAMOND DRILL LOG

PROPERTY: SF
HOLE No.: 8716
Collar Eastings: 19488.00
Collar Northings: 20528.00
Collar Elevation: 1016.00

Collar Inclination: -70.00
Grid Bearing: 90.00
Final Depth: 48.80 metres

Logged by: CC
Date: JUNE/87
Down-hole Survey: ACID

FROM	TO	LITHOLOGICAL DESCRIPTION
0	12.8	OVERBURDEN
12.8	28.0	ARGILLITE, MINOR LIMESTONE Black. f. gr., pyritic, finely bedded, with interbeds of pale grey lst. Randomly oriented fracts., carbonate healed 10-50/CA. 12.8 - 15.0 Rusty, weathered. Beds @ 45/CA. 15.3 Beds @ 50/CA (ground core to 16.0). 16.4 - 17.0 Lmst./calc. tuff? 17.5 - 19.0 Lmst./tuff, rusty fracts. 20.2 Py along bedding planes @ 50/CA. 23.1 Beds 45/CA. 23.9 Beds @ 55/CA. 25.0 - 28.0 Ground core (pyritic argill.) poor recovery.
28.0	48.8	AGGLOMERATE (ALTERED) Polylithic, varied, pale buff-green, fragments up to 5 cms; minor f. gr. tuff. Alteration pervasive, variable, strongest in zones of fracturing/shearing and qtz.-carb. vns. Py up to 10% locally, related to degree of alteration. 37.2 - 38.5 Numerous carb.-qtz. Py veins @ 30-45/CA. 40.3 - 41.5 Highly alt. zone (sericite) with 10% Py (shear). 41.5 - 43.0 Fault/gouge zone containing Py-carb.-qtz. 'vn' @ 5/CA. 48.8 - END OF HOLE

			ASSAYS		
SAMPLE No.	FROM	TO	WIDTH	Au ppb	Ag ppm	Cu ppm
3129	12.80	14.50	1.70	3	0.1	106
3130	14.50	16.00	1.50	10	0.3	54
3131	16.00	17.50	1.50	30	0.5	129
3132	17.50	19.00	1.50	3	0.1	96
3133	19.00	20.50	1.50	1	0.3	123
3134	20.50	22.00	1.50	1	0.3	118
3135	22.00	23.50	1.50	3	0.3	98
3136	23.50	25.00	1.50	3	0.3	119
3137	25.00	26.50	1.50	1	0.3	157
3138	26.50	28.00	1.50	206	1.3	156
3139	28.00	29.50	1.50	466	4.2	264
3140	29.50	31.00	1.50	13	0.2	85
3141	31.00	32.50	1.50	3	0.2	100
3142	32.50	34.00	1.50	3	0.1	144
3143	34.00	35.50	1.50	1	0.1	91
3144	35.50	37.00	1.50	7	0.1	140
3145	37.00	38.50	1.50	17	0.2	128
3146	38.50	40.00	1.50	13	0.2	133
3147	40.00	41.50	1.50	70	0.9	229
3148	41.50	43.00	1.50	2200	7.6	505
3149	43.00	44.50	1.50	20	0.4	135
3150	44.50	46.00	1.50	120	0.3	91
3151	46.00	47.50	1.50	183	0.3	63
3152	47.50	48.80	1.30	183	1.2	4

APPENDIX B

ASSAY CERTIFICATES

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

** ASSAY REPORT **

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Attn: I. M. Watson cc. Gerle Gold Ltd.

Number: 87154
Date: May 29, 1987
Proj.: Snowflake

	Au oz/T	Ag oz/T	Cu %
A1501	<0.001	<0.01	0.02
A1502	0.001	0.02	0.01
A1503	<0.001	0.01	0.01
A1504	0.001	0.02	0.04
A1505	<0.001	0.01	<0.01
A1506	<0.001	0.01	<0.01
A1507	<0.001	0.01	<0.01
A1508	<0.001	0.01	<0.01
A1509	<0.001	0.02	<0.01
A1510	<0.001	0.01	<0.01
A1511	0.001	0.02	<0.01
A1512	<0.001	0.01	<0.01

Duncan Sanderson
Licensed Assayer of British Columbia

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

** ASSAY REPORT **

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87155
Date: May 29, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au oz/T
A1513	<0.001
A1514	<0.001
A1515	<0.001
A1516	0.001
A1517	0.001
A1518	<0.001
A1519	<0.001
A1520	<0.001
A1521	<0.001
A1522	<0.001
A1523	<0.001
A1524	<0.001
A1525	<0.001
A1549	<0.001
A1550	<0.001
A1551	<0.001
A1552	0.001
A1553	<0.001
A1554	<0.001
A1555	<0.001
A1556	<0.001
A1557	<0.001
A1558	<0.001
A1559	0.001
A1560	<0.001
A1561	<0.001
A1562	<0.001
A1563	<0.001
A1564	<0.001
A1565	<0.001
A1566	<0.001
A1567	<0.001

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CDN RESOURCE LABORATORIES LTD.

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

GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Attn: I. M. Watson cc. Gerle Gold Ltd.

Number: 87155
Date: May 29, 1987
Proj.: Snowflake

	Ag ppm	Cu ppm
A1501	0.6	256
A1502	0.2	113
A1503	0.4	113
A1504	0.9	334
A1505	0.3	9
A1506	<0.1	11
A1507	0.1	8
A1508	0.2	14
A1509	<0.1	7
A1510	0.1	2
A1511	0.1	2
A1512	0.1	2
A1513	0.1	2
A1514	0.1	3
A1515	<0.1	15
A1516	<0.1	112
A1517	0.1	27
A1518	<0.1	70
A1519	0.1	132
A1520	<0.1	95
A1521	0.1	140
A1522	0.1	31
A1523	0.2	127
A1524	<0.1	46
A1525	<0.1	104
A1549	0.2	77
A1550	0.2	69
A1551	0.2	97
A1552	0.3	109
A1553	0.3	148
A1554	0.4	147
A1555	0.3	105
A1556	0.1	98
A1557	0.1	90
A1558	<0.1	111
A1559	<0.1	55
A1560	<0.1	61
A1561	<0.1	104
A1562	<0.1	90
A1563	0.2	124

Duncan Sanderson

CDN RESOURCE LABORATORIES LTD.

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

GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87155
Date: May 29, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Ag ppm	Cu ppm
A1564	0.2	86
A1565	<0.1	83
A1566	0.3	258
A1567	<0.1	95

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CDN RESOURCE LABORATORIES LTD.

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

GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87164
Date: May 29, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au ppb	Ag ppm	Cu ppm
SF 87-1			
55.2-56	113	0.1	331
A1526	7	0.1	131
A1527	3	0.1	72
A1528	< 2	<0.1	80
A1529	17	0.1	11
A1530	3	<0.1	8
A1531	< 2	<0.1	4
A1532	7	<0.1	4
A1533	< 2	<0.1	< 1
A1534	< 2	<0.1	27
A1535	< 2	<0.1	73
A1536	< 2	0.1	108
A1537	< 2	0.1	122
A1538	< 2	0.2	120
A1539	5	0.1	74
A1540	13	0.3	209
A1541	10	0.1	28
A1542	7	0.3	90
A1543	13	<0.1	52
A1544	12	0.2	84
A1545	18	0.4	170
A1546	22	0.2	193
A1547	10	0.1	84
A1548	8	<0.1	36
A1568	7	0.1	49
A1569	10	<0.1	85
A1570	8	<0.1	69
A1571	7	0.2	109
A1572	10	<0.1	104
A1573	7	0.2	116
A1574	7	0.2	74
A1575	5	<0.1	75
A1576	5	<0.1	48
A1577	3	<0.1	55
A1578	7	<0.1	94
A1579	10	0.4	116
A1580	8	0.5	101
A1581	3	0.3	84
A1582	7	0.3	76

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CDN RESOURCE LABORATORIES LTD.

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

GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87164
Date: May 29, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au ppb	Ag ppm	Cu ppm			
A1583	227	1.0	132			
A1584	335	1.3	132			
A1585	21,300	34	150	87-3	36.0 - 37.5	m (.803 opt Au Assay)
A1586	75	<0.1	54			
A1587	80	<0.1	39			
A1588	20	<0.1	59			
A1589	50	<0.1	70			
A1590	6,830	17.5	102	87-3	43.5 - 45	(.218 opt Au Assay)
A1591	65	0.7	206			
A1592	35	0.1	80			
A1593	30	0.4	194			
A1594	43	0.4	116			
A1595	47	<0.1	108			
A1596	7	<0.1	91			
A1597	< 2	<0.1	96			
A1598	< 2	0.2	164			
A1599	< 2	<0.1	98			
A1600	8	0.6	109			
A1601	33	0.9	100			
A1602	< 2	1.2	109			
A1603	87	4.0	121			
A1604	< 2	0.6	199			
A1605	< 2	0.2	124			
A1606	< 2	<0.1	53			
A1607	< 2	<0.1	40			
A1608	< 2	<0.1	79			
A1609	10	<0.1	89			
A1610	7	<0.1	13			
A1611	< 2	<0.1	7			
A1612	10	<0.1	10			
A1613	60	<0.1	11			
A1614	27	<0.1	7			
A1615	3	<0.1	15			

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CDN RESOURCE LABORATORIES LTD.

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

GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87167
Date: May 29, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au ppb	Ag ppm	Cu ppm	
A1616	3	<0.1	5	
A1617	10	<0.1	12	
A1618	33	<0.1	13	
A1619	13	0.1	30	
A1620	< 2	<0.1	40	
A1621	3	<0.1	82	
A1622	7	0.1	73	
A1623	10	<0.1	62	
A1624	13	<0.1	58	
A1625	16	<0.1	68	
A1626	15	<0.1	69	
A1627	60	0.2	83	
A1628	63	0.4	74	
A1629	43	0.6	123	
A1630	20	0.7	141	
A1631	10	0.3	139	
A1632	17	0.1	151	
A1633	20	0.1	166	
A1634	23	0.1	164	
A1635	73	0.2	139	
A1636	110	0.5	99	
A1637	90	0.6	102	
A1638	190	0.8	173	
A1639	180	1.1	152	
A1640	8	0.1	134	
A1641	10	<0.1	98	
A1642	7	<0.1	111	
A1643	15	0.1	95	
A1644	65	0.5	99	
A1645	35	0.6	107	
A1646	18	0.3	130	
A1647	20	0.3	113	
A1648	33	1.1	128	
A1649	25	0.2	103	
A1650	393	13.1	450	- 87-4 57.0 - 58.5
A1651	13	0.2	101	
A1652	38	0.6	122	
A1653	68	1.1	164	
A1654	402	2.8	202	- 87-4 63 - 64.5
A1655	20	0.5	71	

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CDN RESOURCE LABORATORIES LTD.

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

GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87167
Date: May 29, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au ppb	Ag ppm	Cu ppm			
A1656	103	2.3	470			
A1657	2,200	14.7	970	87-4	67.5 - 69.0	Au (0.038 opt Au)
A1658	53	0.6	125			
A1659	68	0.7	171			
A1660	90	0.7	91			
A1661	173	1.1	145			
A1662	346	3.2	162	87-4	75.0 - 76.5	

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CDN RESOURCE LABORATORIES LTD.

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

GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87171
Date: June 3, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au ppb	Ag ppm	Cu ppm		
A1663	47	0.1	142		
A1664	20	<0.1	164		
A1665	7	<0.1	141		
A1666	3	<0.1	188		
A1667	3	0.2	100		
A1668	107	1.1	27		
A1669	7	<0.1	7		
A1670	10	<0.1	4		
A1671	7	<0.1	12		
A1672	17	<0.1	4		
A1673	17	<0.1	14		
A1674	833	2.4	785	87-4	93.0 - 94.5 m
A1675	3	<0.1	39		
A1676	< 2	<0.1	16		
A1677	< 2	<0.1	6		
A1678	2	<0.1	4		
A1679	20	0.2	80		
A1680	37	0.2	86		
A1681	10	<0.1	106		
A1682	3	<0.1	83		
A1683	50	0.2	73		
A1684	3	<0.1	110		
A1685	13	<0.1	88		
A1686	3	<0.1	70		
A1687	20	<0.1	52		
A1688	50	<0.1	93		
A1689	33	<0.1	93		
A1690	13	<0.1	88		
A1691	107	<0.1	84		
A1692	123	0.8	185		
A1693	23	0.2	132		
A1694	97	0.1	87		
A1695	30	0.1	57		

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CDN RESOURCE LABORATORIES LTD.

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

GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Attn: I. M. Watson cc. Gerle Gold Ltd.

Number: 87174
Date: June 3, 1987
Proj.: Snowflake

	Au ppb	Ag ppm	Cu ppm
A1696	87	0.3	42
A1697	70	0.7	90
A1698	17	0.1	51
A1699	7	<0.1	49
A1700	33	0.2	68
A1701	37	0.1	56
A1702	43	0.4	114
A1703	27	0.9	115
A1704	123	0.6	127
A1705	20	0.3	135
A1706	< 2	0.2	84
A1707	57	0.3	84
A1708	10	0.1	66
A1709	10	<0.1	95
A1710	7	0.2	88
A1711	43	0.4	115
A1712	10	0.1	88
A1713	3	<0.1	98
A1714	10	0.1	114
A1715	20	<0.1	69
A1716	20	<0.1	111
A1717	17	<0.1	100
A1718	13	0.3	196
A1719	13	0.2	94
A1720	13	0.2	77
A1721	76	0.5	40
A1722	73	0.3	28
A1723	93	1.2	160
A1724	276	1.0	335
A1725	400	1.7	290
A1726	1100	1.7	300
A1727	260	1.6	190
A1728	406	0.6	194
A1729	37	2.6	460
A1730	140	1.2	216
A1731	57	0.4	390
A1732	13	0.1	186
A1733	23	<0.1	97
A1734	7	<0.1	55
A1735	3	<0.1	3

87-6 24.0 - 25.5
" 25.5 - 27.0
" 27.0 - 28.5
" 28.5 - 30.0

Au — (.039 opt. assay)

Duncan Sanderson

CDN RESOURCE LABORATORIES LTD.

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

GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87174
Date: June 3, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au ppb	Ag ppm	Cu ppm
A1736	17	<0.1	1
A1737	17	<0.1	21
A1738	10	<0.1	40
A1739	10	<0.1	28
A1740	7	<0.1	41
A1741	7	<0.1	57
A1742	7	<0.1	4
A1743	7	<0.1	3
A1744	30	0.3	136
A1745	150	0.8	135
A1746	80	0.4	121
A1747	30	0.3	130
A1748	30	0.2	71
A1749	33	0.3	192
A1750	127	0.7	135
A1751	13	1.0	190
A1752	< 2	0.2	104
A1753	23	0.3	146

Duncan Sanderson

CDN RESOURCE LABORATORIES LTD.

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

GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87175
Date: June 3, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au ppb	Ag ppm	Cu ppm
A1794	26	0.3	69
A1795	23	0.2	85
A1796	16	0.1	60
A1797	113	0.4	81
A1798	100	0.3	60
A1799	76	0.2	52
A1800	63	0.1	97
A1801	103	0.3	102
A1802	46	0.2	87
A1803	16	0.1	75
A1804	16	0.2	56
A1805	26	0.3	90
A1806	13	0.1	57
A1807	10	<0.1	71
A1808	16	<0.1	60
A1809	13	<0.1	68
A1810	16	0.1	110
A1811	23	0.1	138
A1812	30	0.5	143
A1813	26	0.5	110

Duncan Sanderson

CDN RESOURCE LABORATORIES LTD.

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

GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87181
Date: June 7, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au ppb
Recuts	
A1554	13
A1555	7
A1556	2
A1557	< 2
A1558	3
A1559	2
A1560	3
A1561	3
A1562	5
A1563	3
A1564	10

Recheck of Hole 87-2

These recuts were pulverized then screened through a #100 sieve. The values reported above are for a 30g sub-sample of the -100 pulp. The +100 screen fractions were also assayed. There was no detectable gold in any of the +100 fractions.

Duncan Sanderson

CDN RESOURCE LABORATORIES LTD.

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

** ASSAY REPORT **

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87181
Date: June 7, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au oz/T
A1585	0.803
A1590	0.218
A1657	0.038
A1726	0.039
A1785	0.039

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GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87183
Date: June 7, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au ppb	Ag ppm	Cu ppm	
A1814	7	0.2	91	
A1815	7	0.2	87	
A1816	3	0.1	101	
A1817	7	0.2	78	
A1818	3	0.1	75	
A1819	< 2	0.4	80	
A1820	43	0.4	114	
A1821	20	0.2	104	
A1822	10	0.4	146	
A1823	7	0.4	123	
A1824	13	0.5	175	
A1825	10	0.3	128	
A1826	3	0.2	146	
A1827	13	0.2	122	
A1828	633	5.0	138	87-8
A1829	20	2.0	116	
A1830	47	0.2	30	
A1831	20	0.2	23	
A1832	7	<0.1	83	
A1833	3	0.3	113	
A1834	13	0.3	49	
A1835	7	<0.1	80	
A1836	3	0.1	113	
A1837	3	<0.1	69	
A1838	3	0.2	71	
A1839	< 2	<0.1	57	
A1840	2	0.1	82	
A1841	< 2	<0.1	30	
A1842	< 2	<0.1	83	
A1843	< 2	0.1	59	
A1844	< 2	<0.1	6	
A1845	< 2	<0.1	2	
A1846	< 2	<0.1	4	
A1847	< 2	<0.1	3	
A1848	< 2	<0.1	1	
A1849	< 2	<0.1	1	
A1850	< 2	<0.1	2	
A1851	< 2	0.1	79	
A1852	3	0.2	92	87-9
A1853	13	0.6	188	

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

GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87183
Date: June 7, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au ppb	Ag ppm	Cu ppm
A1854	< 2	1.0	191
A1855	10	1.5	173
A1856	3	0.5	159
A1857	3	0.7	182
A1858	3	0.8	165
A1859	3	0.5	161
A1860	7	0.3	150
A1861	3	0.2	155
A1862	7	0.3	149
A1863	3	0.2	122
A1864	10	0.3	115
A1865	10	0.2	103
A1866	13	0.2	120
A1867	77	<0.1	49
A1868	10	0.1	97

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GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87190
Date: June 10, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au ppb	Ag ppm	Cu ppm	
A1869	140	0.1	16	SF 87-9 51m - 52.5
A1870	167	0.1	69	- 54
A1871	433	0.1	63	
A1872	227	0.1	101	- 55.5
A1873	123	0.1	71	- 57
A1874	103	0.1	76	- 58.5
A1875	47	<0.1	58	- 60
A1876	1099	<0.1	82	- 61.5 - 63 - 61.5
A1877	123	0.4	196	
A1878	80	0.2	98	
A1879	323	0.2	99	
A1880	60	0.2	182	
A1881	40	0.1	152	
A1882	20	<0.1	135	
A1883	63	<0.1	290	SF 87-10
A1884	27	<0.1	203	
A1885	17	<0.1	161	
A1886	3	<0.1	25	
A1887	23	0.3	205	
A1888	27	0.3	163	
A1889	33	0.5	1010	
A1890	60	0.3	330	
A1891	13	<0.1	146	
A1892	23	<0.1	43	
A1893	13	0.2	290	
A1894	23	0.2	475	
A1895	20	0.1	330	
A1896	17	0.2	189	
A1897	217	0.4	182	
A1898	33	0.3	340	
A1899	37	0.2	200	
A1900	93	0.4	400	
A1901	160	0.6	750	
A1902	20	0.2	151	
A1903	800	4.4	112	
A1904	80	0.1	76	
A1905	43	0.2	89	
A1906	27	0.1	63	
A1907	97	0.4	125	
A1908	33	0.3	122	

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To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87190
Date: June 10, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au ppb	Ag ppm	Cu ppm
A1909	7	0.2	87

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GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87193
Date: June 11, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au ppb	Ag ppm	Cu ppm	
A1910	20	0.3	70	SF 87-10
A1911	27	0.3	105	
A1912	13	0.3	83	
A1913	17	0.3	92	
A1914	13	0.4	121	
A1915	10	0.4	164	
A1916	10	0.3	101	
A1917	13	0.3	74	
A1918	7	0.2	65	
A1919	10	0.5	143	
A1920	157	0.6	255	
A1921	17	0.5	172	
A1922	23	0.6	460	
A1923	733	0.4	110	- 75.0 - 76.5
A1924	390	0.5	260	
A1925	216	0.3	220	
A1926	10	0.3	55	
A1927	47	0.2	92	
A1928	60	0.2	88	
A1929	47	0.2	109	
A1930	97	0.4	116	
A1931	176	0.4	135	
A1932	200	0.5	135	
A1933	87	0.2	118	
A1934	27	0.3	147	
A1935	30	0.4	215	
A1936	10	0.1	27	
A1937	7	0.1	144	
A1938	10	0.1	96	
A1939	3	0.2	193	
A1940	43	0.6	410	
A1941	43	0.5	340	
A1942	30	0.2	8	
A1943	7	0.2	7	
A1944	17	0.1	56	
A1945	7	0.1	48	
A1946	7	0.2	17	
A1947	7	0.2	39	
A1948	13	0.2	57	SF 87-10
A1949	73	0.4	38	SF 87-11 ?

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GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87193
Date: June 11, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au ppb	Ag ppm	Cu ppm
A1950	40	0.2	175
A1951	13	0.4	710
A1952	13	0.2	135
A1953	7	0.2	16

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GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87196
Date: June 11, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au ppb	Ag ppm	Cu ppm
A1954	33	0.1	23
A1955	17	0.1	31
A1956	17	0.3	170
A1957	7	0.2	25
A1958	3	0.5	180
A1959	3	0.3	104
A1960	77	0.1	44
A1961	13	0.1	211
A1962	33	0.3	500
A1963	10	0.2	94
A1964	27	0.1	186
A1965	143	0.1	164
A1966	350	0.1	118
A1967	27	0.1	10
A1968	23	<0.1	25
A1969	13	<0.1	28
A1970	17	<0.1	53
A1971	3	<0.1	34
A1972	10	0.1	35
A1973	10	<0.1	15
A1974	20	<0.1	12
A1975	30	<0.1	13
A1976	17	<0.1	87
A1977	23	<0.1	25
A1978	40	<0.1	16
A1979	27	<0.1	55
A1980	20	<0.1	131
A1981	20	<0.1	81
A1982	30	<0.1	96
A1983	87	0.6	230
A1984	100	<0.1	32
A1985	10	<0.1	23
A1986	10	0.1	17
A1987	17	<0.1	14
A1988	10	0.2	119
A1989	13	0.1	55
A1990	27	0.1	17
A1991	17	0.1	63
A1992	13	0.1	179
A1993	10	<0.1	16

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JUN 12 19[illegible]

GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Attn: I. M. Watson cc. Gerle Gold Ltd.

Number: 87196
Date: June 11, 1987
Proj.: Snowflake

	Au ppb	Ag ppm	Cu ppm	
A1994	10	<0.1	94	↑
A1995	10	0.1	36	
A1996	23	0.1	390	SF 87-11
A1997	7	0.1	122	SF 87-12
A1998	3	0.2	78	↓
A1999	10	0.1	61	
A2000	10	0.1	110	
A3001	13	0.3	116	
A3002	10	0.3	91	
A3003	10	0.2	76	
A3004	7	0.3	78	
A3005	3	0.3	82	
A3006	10	0.7	119	
A3007	3	0.5	101	
A3008	3	0.6	89	
A3009	3	0.4	106	
A3010	< 2	0.1	53	
A3011	17	0.5	89	
A3012	10	0.4	106	
A3013	17	0.9	142	
A3014	10	0.8	146	
A3015	7	0.3	143	
A3016	7	0.4	123	

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GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87202
Date: June 16, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au ppb	Ag ppm	Cu ppm	
A3017	10	<0.1	148	
A3018	7	<0.1	145	
A3019	12	0.1	111	
A3020	7	<0.1	91	
A3021	10	<0.1	105	
A3022	25	<0.1	189	
A3023	22	<0.1	86	
A3024	2	<0.1	113	SF 87-12
A3025	3	<0.1	143	SF 87-13
A3026	3	0.1	154	
A3027	3	<0.1	129	
A3028	17	<0.1	135	
A3029	27	0.1	141	
A3030	13	<0.1	135	
A3031	10	<0.1	172	
A3032	2	<0.1	152	
A3033	7	<0.1	185	
A3034	3	<0.1	146	
A3035	3	<0.1	127	
A3036	< 2	<0.1	124	
A3037	7	<0.1	90	
A3038	8	<0.1	132	
A3039	3	0.1	113	
A3040	3	0.2	106	
A3041	3	0.2	116	
A3042	< 2	0.1	110	
A3043	3	0.4	132	
A3044	5	0.4	128	
A3045	3	0.4	114	
A3046	3	0.2	98	
A3047	3	<0.1	85	
A3048	10	<0.1	87	
A3049	7	<0.1	121	
A3050	100	2.3	152	
A3051	127	2.8	255	
A3052	53	0.6	162	
A3053	10	<0.1	118	
A3054	12	<0.1	117	
A3055	7	<0.1	148	

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GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87212
Date: June 18, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au ppb	Ag ppm	Cu ppm	
A3056	43	0.3	134	
A3057	33	0.1	128	
A3058	17	0.2	129	
A3059	13	0.1	92	
A3060	20	<0.1	46	
A3061	13	<0.1	28	
A3062	10	0.1	44	
A3063	36	0.4	75	
A3064	56	0.8	68	
A3065	83	2.3	615	SF 13
A3066	92	0.6	171	SF 14
A3067	17	0.3	141	
A3068	13	<0.1	67	
A3069	17	0.1	103	
A3070	26	0.2	111	
A3071	20	0.2	84	
A3072	13	0.2	99	
A3073	20	0.5	69	
A3074	20	0.5	155	
A3075	40	0.7	151	
A3076	63	0.6	114	
A3077	30	0.2	154	
A3078	17	0.1	69	
A3079	228	1.8	350	
A3080	66	0.6	163	
A3081	218	1.7	285	
A3082	89	0.9	190	
A3083	86	0.6	61	
A3084	205	0.7	192	
A3085	36	0.6	63	
A3086	224	2.2	1740	43.0 44.5
A3087	119	1.4	1380	44.5 46.0
A3088	46	0.1	28	
A3089	33	<0.1	3	
A3090	26	0.2	2	
A3091	347	0.2	148	50.5 - 52
A3092	56	<0.1	17	
A3093	314	0.3	176	53.5 - 55
A3094	86	0.3	203	

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

GEOCHEMICAL REPORT

To: I. M. Watson & Associates Ltd.
816 - 675 West Hastings
Vancouver, B.C.
V6B 1N2

Number: 87216
Date: June 24, 1987
Proj.: Snowflake

Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au ppb	Ag ppm	Cu ppm	Pb ppm	
3095	30	0.3	141	20	SF-87-15
3096	47	0.5	92	3	
3097	566	10.0	85	< 1	16.5 - 18.0
3098	97	0.8	47	1	
3099	23	0.2	68	1	
3100	17	0.2	78	1	
3101	30	0.3	58	4	
3102	200	1.6	104	7	
3103	57	0.8	109	28	
3104	500	2.9	208	15	- 27.5 - 29.0
3105	123	1.1	104	11	
3106	73	0.4	105	4	
3107	13	0.2	66	2	
3108	160	1.0	99	9	
3109	256	1.3	82	9	
3110	286	1.8	76	5	
3111	900	3.8	56	9	- 38.0 - 39.5
3112	133	1.0	117	21	
3113	73	0.8	129	97	
3114	500	4.3	69	4	- 42.5 - 44.0
3115	193	1.9	173	5	
3116	40	0.6	153	3	
3117	266	2.3	394	1	
3118	50	0.3	45	< 1	
3119	10	<0.1	4	< 1	
3120	< 2	<0.1	26	< 1	
3121	< 2	<0.1	51	< 1	
3122	< 2	<0.1	7	< 1	
3123	7	<0.1	16	1	
3124	33	<0.1	4	< 1	
3125	23	<0.1	4	< 1	
3126	3	<0.1	4	< 1	
3127	< 2	<0.1	3	< 1	
3128	17	<0.1	9	< 1	
3129	3	0.1	106	3	SF-87-16
3130	10	0.3	54	4	
3131	30	0.5	129	2	
3132	3	0.1	96	1	
3133	< 2	0.3	123	2	
3134	< 2	0.3	118	4	

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Date: June 24, 1987
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Attn: I. M. Watson cc. Gerle Gold Ltd.

	Au ppb	Ag ppm	Cu ppm	Pb ppm	SF-87-16
3135	3	0.3	98	8	
3136	3	0.3	119	26	
3137	< 2	0.3	157	20	
3138	206	1.3	156	20	
3139	466	4.2	264	17	- 28.0 - 29.5
3140	13	0.2	85	27	
3141	3	0.2	100	24	
3142	3	0.1	144	11	
3143	< 2	0.1	91	6	
3144	7	0.1	140	4	
3145	17	0.2	128	3	
3146	13	0.2	133	2	
3147	70	0.9	229	20	
3148	2200	7.6	505	17	- 41.5 - 43.0
3149	20	0.4	135	7	
3150	120	0.3	91	44	
3151	183	0.3	63	12	
3152	183	1.2	4	117	

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