REPORT

- on the -

DIAMOND DRILLING PROGRAMME

- on the -

SNOWFLAKE PROPERTY
NICOLA MINING DIVISION
BRITISH COLUMBIA

- FOR -

LARAMIDE RESOURCES LTD.

904 - 675 WEST HASTINGS STREET

VANCOUVER, B.C. V6B 1N2

Covering: Snowflake, Snowflake #2, Snowflake #3, Snowflake #4, Snowflake #5, Snowflake #6, Snowflake #7, Snowflake #10, Tule #10, Pot #3, Pot #4.

Work Performed: September 1, 1983 - January 17, 1984.

Location: (1). 49° 58'N, 120° 35'W

(2). N.T.S. 92H/15E GEOLOGICAL BRANCH

(3). 5 km. NE of Aspen GASESESSMENT REPORT

prepared by:

KERR, DAWSON & ASSOCIATES LTD.

#206 - 310 Nicola Street,

Kamloops, B.C. V2C 215

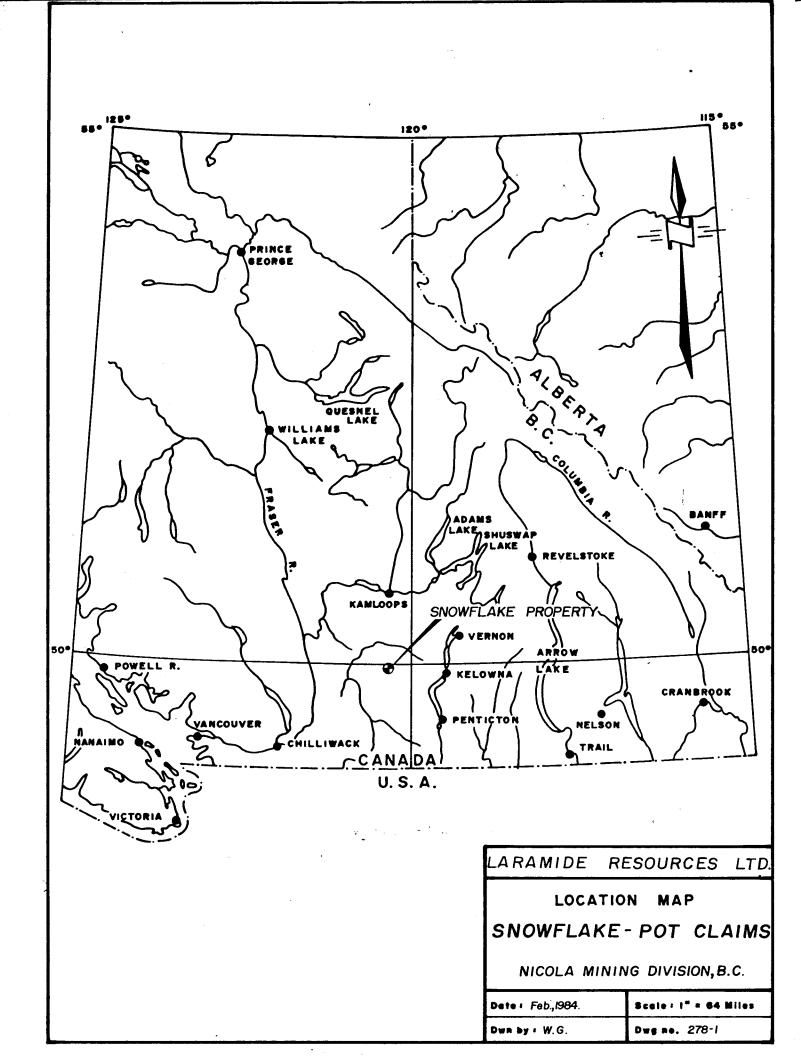
JAMES M. DAWSON, P. ENG. February 28, 1984.

TABLE OF CONTENTS:

	Page No.
INTRODUCTION	1.
SUMMARY & CONCLUSIONS	1.
PROPERTY	2.
LOCATION AND ACCESS	3.
PHYSIOGRAPHY AND VEGETATION	3.
HISTORY	4.
GEOLOGY AND MINERALIZATION	5.
DRILLING PROGRAMME	7.

* * * * * *

APPENDIX A: Drill Logs APPENDIX B: Personnel Statement of Expenditures APPENDIX C: APPENDIX D: References APPENDIX E: Writer's Certificate APPENDIX F: List of Maps Fig. 277-1 Location Map Fig. 277-2 Claim Map Fig. 277-3 Diamond Drill Hole Plan Fig. 277-4 Drill Section A-A Fig. 277-5 Drill Section B-B Fig. 277-6 Drill Section C-C Fig. 277-7 Drill Section D-D



INTRODUCTION:

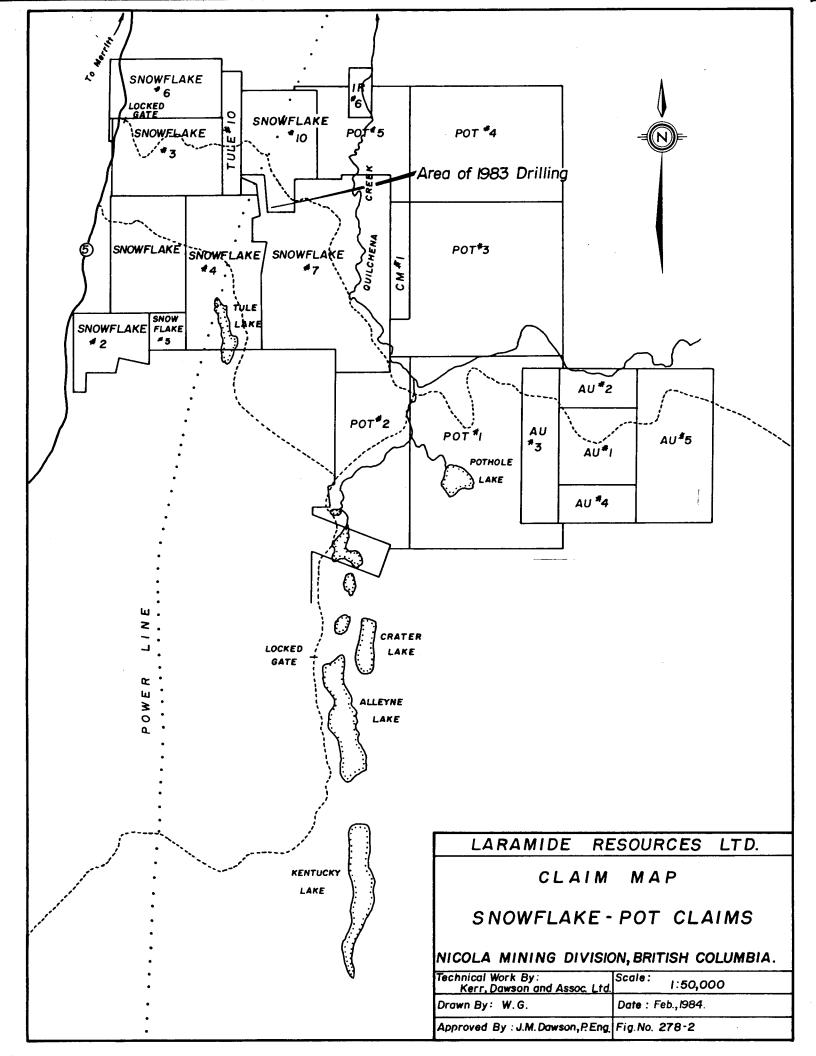
This report describes the latest phase in a continuing exploration programme on the Snowflake property.

Preliminary investigation of this property outlined magnetic and induced polarization anomalies over an area where previous drilling had encountered interesting gold and copper values.

A reconnaissance drilling programme was carried out in an effort to confirm and expand upon results of the older work. Results are appended on maps accompanying this report.

SUMMARY AND CONCLUSIONS:

- (1). The Snowflake property consists of 14 contiguous metric claims aggregating 138 units located in gentle terrain in the Aspen Grove district of southern British Columbia and is road accessible.
- (2). The property as now constituted has been explored for many years principally for alkaline porphyry copper occurrences. The area of current interest was first known as the CM claims. In 1967, magnetic and induced polarization surveys were performed and 4 holes were drilled into a coincedent magnetic and I.P. anomaly. At least one of these holes reportedly encountered significant precious metal values. In 1983, Laramide Resources Ltd. attempted to duplicate this work. Magnetic and induced polarization surveys were carried out and some of the old drill sites were located.



- (3). The property is underlain by Nicola group intermediate volcanics and volcaniclastic sediments intruded by a number of small diorite-manzonite stocks. In the area drilled, Nicola group flows and fragmental volcanics are structurally overlain by dark clastic sediments. A number of strong faults or shear zones cut this succession.
- (4). One or more stringer zones of quartz and quartz-calcite veins, usually associated with strong argillic alteration cuts the volcano-sedimentary succession. Pyrite, weak base metal sulphide and gold mineralization is associated with these zone(s).

PROPERTY:

The property consists of 14 contiguous metric claims aggregating 138 units. The following claims are included in the Snowflake group:

Claim Name	Tag No.	No. of Units	Record No.	Expiry Date
Snowflake	02059	6	8 (5)	May 13/85
Snowflake #2	19656	4	93 (4)	Apr 14/86
Snowflake #3	19657	6	167 (8)	Aug 20/85
Snowflake #4	00548	8	211 (2)	Feb 11/85
Snowflake #5	00550	2	212 (2)	Feb 11/85
Snowflake #6	11822	6	321 (9)	Sept 16/85
Snowflake #7	19906	20	470 (6)	June 15/85
Snowflake #10	42682	6	514 (10)	Oct 25/85
Tule #10	12181	4	322 (9)	Sept 16/85
Pot #3	78770	20	1373 (3)	Mar 24/84
Pot #4	78769	12	1374 (3)	Mar 24/84
The following	claims are u	ingrouped:		
Pot #1	78772	20	1371 (3)	Mar 24/84
Pot #2	78771	15	1372 (3)	Mar 24/84
Pot #5	68614	9	1300 (10)	Oct 20/84

LOCATION AND ACCESS:

The property is located in south-central British Columbia about 20 km. southeast of Aspen Grove and approximately 80 km. south of Kamloops. Approximate geographic center of the property is at 49° 58' north and 120° 35' west.

Access is gained by taking Provincial Highway No. 5 south from Merritt for approximately 25 km. to a point about 5 km. north of Aspen Grove. Here a gravel road leads easterly for about 2.5 km. to the center of the claim block and the area of recent drilling. There is a locked gate at the junction of this road with Highway No. 5, however the key may be obtained from the Douglas Lake Cattle Co.

PHYSIOGRAPHY AND VEGETATION:

The claim block is roughly rectangular (see figure 277-2) and covers an area of gently rolling topography, prominently incised by the north-south trending valley of Quilchena Creek. Total relief is in the area of about 1,000 feet varying from about 2,900 feet a.s.l. in the valley of Quilchena Creek to more than 3,900 feet a.s.l. on some of the ridges around Tule Lake.

The property lies in the interior dry belt and vegetation consists of grassy meadows with scattered clumps of mixed conifers and deciduous trees.

HISTORY:

The property has a long history of exploration which probably dates back to the early 1900's. Two old tunnels were found on the Snowflake claim but there is no record of when they were driven.

From the late 1950's, the property as now constituted, was worked as at least 3 separate claim groups. The area where the current work was performed (Snowflake #7 & Snowflake #10), was staked as the CM Claims in 1965 and acquired by Vananda Explorations Ltd. the following year. A joint venture was signed with Merritt Copper Co. Ltd. in 1967 with this latter company as operator.

Induced polarization and magnetic surveys were performed as well as the drilling of 3 core holes and one percussion hole. Merritt Copper Co. Ltd. reported that a total of 1438 feet of diamond drilling and 420 feet of percussion drilling was completed. None of the records of this work is now available, however, it is reported that drill hole #1 (location uncertain) cut 3 sections which returned significant precious metal values.

Laramide Resources Ltd. optioned the property in 1983 and performed magnetic and induced polarization surveys during the summer of that year. The drilling programme which is the subject of this report was carried out from September to November, 1983.

GEOLOGY AND MINERALIZATION:

The Aspen Grove area lies within a terrain commonly referred to as the Nicola Belt, a eugeosynclinal Upper Triassic island-arc, rock assemblage. Massive andesitic flows and coarse pyroclastics predominate in the central part of the area and a sequence of layered and massive volcanoclastic sediments largely underlies the eastern margin.

The Snowflake property is underlain by a sequence of flows, volcanic fragmentals and related volcaniclastic sediments intruded by several small plugs of monzonite, monzo-diorite and diorite porphyry.

In the area of current drilling there are no outcrops and overburden varies from about 8 to more than 60 meters thick.

In the area drilled, bedrock would appear to consist of a northerly striking, westerly dipping sequence of intermediate flows, tuffs and agglomerates structurally overlain by or in fault contact with dark grey to black clastic sediments.

The volcanics vary from typical Nicola, augite porphyry flows to coarse, monomictic agglomerates. The flow rocks are usually dark greyish green with augite phenocrysts up to 5 mm. long. These flows are usually fairly massive but can grade rapidly into coarse agglomerates with fragments up to 10 cm. across. In places the agglomerates grade into sedimentary conglomerates with minor siltstone or chert layers present from time to time. In other places the flows grade upwards or laterally into poorly bedded greenish, chloritic tuffs.

Although these "greenstones" are relatively fresh in places, there is commonly a weak to moderate propylitic alteration present. This consists of minor to + 10% epidote as stringers and irregular clots, narrow calcite and quartz veinlets and scattered pyrite grains.

Structurally overlying the "greenstone" assemblage is a band of sediments consisting primarily of dark grey to black, frequently graphitic argillite. Intercalated with this argillite are lesser amounts of graywacke, siltstone and fine dense chert. The graphitic argillites frequently contain bands of syngenetic pyrite, sometimes constituting 10 to 15% of the rock.

In some cases the contact between the sediments and volcanics appears to be graditional and elsewhere it coincides with a fault or shear zone. The exact age relationships of both rock types are not known, however it is assumed that the clastic sediments represent a small local basin within a predominantly volcanic terrain.

Mineralization consists of varying amounts of pyrite, much of which, especially in the sediments is probably syngenetic. In a number of places, there are local concentrations of quartz and quartz-calcite stringers which locally (10-40 cm) carry concentrations of pyrite up to 50% of the rock. Minor chalcopyrite and molybdenite are sometimes seen in such stringer zones and galena and sphalerite were seen in two instances. Such stringer zones are usually associated with zones of strong shearing and argillic alteration. Gold mineralization appears to be related to these zones of bleaching and epigenetic sulphide concentrations.

DRILLING PROGRAMME:

A drilling programme was completed on the property during the period September 15 to November 25, 1983. The programme was carried out by Core Enterprises Ltd. of Clinton, B.C., using a Boyles 25A drill rig.

A total of 12 holes were drilled aggregating 995.7 meters. Details of each individual hole are included with the drill logs in appendix A of this report. All drilling was completed with NQ wireline equipment. The core was placed in 6 meter long wooden core boxes and logged, split and sampled at the drill site. All core was sampled at 1.5 meter intervals except for areas where recovery was poor. One half of the core was placed in plastic sample bags and shipped to Kamloops Research and Assay Laboratories for gold, silver and copper geochemical analses. The remainder of the core was back in the core trays and is currently stored in Kamloops.

Drill hole locations are indicated on the appended surface plan (figure 277-3). Four vertical sections were constructed to illustrate the geological interpretation of the various rock types. Gold analyses are shown on the sections and are also included with silver and copper analyses on the drill logs in appendix A of this report.

Respectfully submitted:
KERR, DAWSON & ASSOCIATES LTD.

James M. Dawson, P. Eng. GEOLOGIST.

Janes M. Dan

APPENDIX A

DRILL LOGS

KERR-DAWSON & ASSOCIATES LTD. - DIAMOND DRILL RECURD

Vic 3t.
Kamloops, B.C.
Phone 374-0544

PROPERTY	SNOWFLAKE		H	OLE No	SF-83-1
ND AZIMUTH TEST	Core Size	NO	Total Depth	106.498M	1 Sheet No.

DIP AND	AZIMUTH TI Corre		Core SizeNQ	Total Depth 106.98M	Sheet No1 of13
Footage	Angle	Azimuth	Angle of Hole <u>-45</u>	% Recovery 85%	Logged by J.M. Dawson
			Claim	Elev. Collar	Date Begun Sept. 19/83
+			Section	Latitude	Date Finished Sept. 23/83
			Bearing265 T	Departure	Core Stored At Kamloops

CORE LOST	, DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au(ppb)	Ag	Cu	·
	0 - 15m casing	5501	15-16.7m	115	1.9	6.5	
.6m	Greenish grey to brown, porphyritic typical						
. <u>.</u>	Nicola volcanic flows; some surface limonitic					ļ <u>.</u>	
	staining, however rock is relatively unaltered;			,			
	minor quartz stringers up to ·6cm wide at 70°	sludge	15-18	280	1.5	67	
	to core axis.		<u> </u>				
5cm	Similar to last section			,			
.7m	Similar to last section; becoming more pervasively	5502	16.7-18	4 5	2.1	66	
	limonite stained and ? argillically altered in						
	last.3m section.						
•3m	Light brownish, intensively limonite stained and	sludge	18-21.3	30	1.1	129	
	slightly to moderately argillically altered						
	volcanics; scattered thin quartz and calcite						
	veinlets.				· · · · · · · · · · · · · · · · · · ·	 	
0	Similar to last section	5503	18-19.8	5	1.3	149	
							
	.6m	.6m Greenish grey to brown, porphyritic typical Nicola volcanic flows; some surface limonitic staining, however rock is relatively unaltered; minor quartz stringers up to .6cm wide at 70° to core axis. 5cm Similar to last section .7m Similar to last section; becoming more pervasively limonite stained and ? argillically altered in last.3m section. .3m Light brownish, intensively limonite stained and slightly to moderately argillically altered volcanics; scattered thin quartz and calcite veinlets.	O - 15m casing 5501 .6m Greenish grey to brown, porphyritic typical Nicola volcanic flows; some surface limonitic staining, however rock is relatively unaltered; minor quartz stringers up to .6cm wide at 70° sludge to core axis. 5cm Similar to last section .7m Similar to last section; becoming more pervasively limonite stained and ? argillically altered in last.3m section. .3m Light brownish, intensively limonite stained and sludge slightly to moderately argillically altered volcanics; scattered thin quartz and calcite veinlets.	O = 15m casing O = 15m casing 5501 15-16.7m .6m Greenish grey to brown, porphyritic typical Nicola volcanic flows; some surface limonitic staining, however rock is relatively unaltered; minor quartz stringers up to.6cm wide at 70° to core axis. 5cm Similar to last section .7m Similar to last section; becoming more pervasively limonite stained and ? argillically altered in last.3m section. .3m Light brownish, intensively limonite stained and sludge 18-21.3 slightly to moderately argillically altered volcanics; scattered thin quartz and calcite veinlets.	O - 15m casing O - 15m casing Some surface limonitic staining, however rock is relatively unaltered: minor quarrz stringers up to form wide at 70° to core axis. Similar to last section Similar to last section; becoming more pervasively limonite stained and relatively altered in last.3m section. Light brownish, intensively limonite stained and sludge l8-21.3 30 slightly to moderately argillically altered volcanics; scattered thin quarrz and calcife veinlets.	0 - 15m casing 5501 15-16.7m 115 1.9 .6m Greenish grey to brown, porphyritic typical Nicola volcanic flows; some surface limonitic staining, however rock is relatively unaltered; minor quartz stringers up to .6cm wide at 70° sludge 15-18 280 1.5 to core axis. 5cm Similar to last section .7m Similar to last section; becoming more pervasively 12 10 10 10 10 10 10 10 10 10 10 10 10 10	O - 15m casing 5501 15-16.7m 115 1.9 65 .6m Greenish grey to brown, porphyritic typical Nicola volcanic flows; some surface limonitic staining, however rock is relatively unaltered; minor quartz stringers up to.6cm wide at 70° sludge 15-18 280 1.5 67 to core axis. 5cm Similar to last section .7m Similar to last section; becoming more pervasively 1 limonite stained and 2 argillically altered in last.3m section. .3m Light brownish, intensively limonite stained and sludge 18-21.3 30 1.1 129 slightly to moderately argillically altered volcanics; scattered thin quartz and calcite veinlets.

KERR-DAWSUN & ASSUCIATES LID. - DIAMOND DAILL RECGRO

Suit: 310 a St. Kamloops, B.C. Phone 374-0544

HOLE No. SF-83-1 SHEET No. 2 of 13 SNOWFLAKE PROPERTY.... WIDTH of SAMPLE CORE SAMPLE No. Au(ppb) DESCRIPTION Cu DEPTH LOST 1.2 5504 153 Highly altered, friable, light brown sheared 19.8-21.3 20-21.3 20cm Nicola volcanics. 21.3-22.8 < 5 29 5505 1.3 Moderately altered light brown Nicola volcanics; 21.3-22.2 .3m minor narrow quartz stringers. sludge | 21.3-24.3 .9 95 10 22.2-23.1 7.6cm | Similar to last section, some narrow zones more friable. 23.1-24.3 7.6cm 5506 22.8-24.3 5 Pale brownish, limonite stained but only slightly altered Nicola volcanics; scattered narrow quartz stringers at 30° to core axis. 24.3-25.9 < 5 5507 .8 54 Pale brownish to dark green, relatively unaltered 24.3-26.5 10cm Nicola volcanics; some scattered narrow quartz and calcite veinlets. sludge 24.3-27.4 5 59 . 7 26.5-27.4 45.7cm Highly altered, limonite stained and friable gouge 5508 25.9-27.4 35 1.8 58 zone. 25.4cm Presumably gouge zone from major fault; no core 27.4-30.4 recovery. 55.8cm Pale greenish grey, fine grained volcanics? 30.4-31 sludge 27.4-30.4 .9 120

KERR-DAWSON & ASSUCIATES LTD. - DIAMOND UNILL RECURD

Suit --- - 31C ... a St. Kambops, B.C. Phone 374-0544

SF-83-1 SNOWFLAKE SHEET No. 3 of 13 HOLE No. PROPERTY__ WIDTH of SAMPLE CORE SAMPLE No. DEPTH DESCRIPTION Au(ppb) Ag CuPale buff to light greenish unoxidized Nicola 31-32.3 1.2m 30.4-32 5509 15 . 7 45 volcanics; core loss probably at beginning of section where recovered material consists of small pebbles; scattered quartz stringers. 32.3-32.6 32.0-33.5 Light to dark green Nicola porphyritic flows. 25 .7 14 5510 32.6-33.8 0 Bleached, pale greenish moderately altered flows 30.4-33.5 5 . 9 94 sludge with minor fine grained disseminated pyrite. Similar to last section. 33.5-35 1.1 8 33.8-35.3 5511 **<** 5 1.2m 35.3-36.4 25.4cm | Similar to last section; 5% fine grained pyrite 35-36.5 5512 25 1.2 159 as disseminated grains and stringers nearly parallel to core axis. 2.0 245 Similar to last section; this rock may be a fine 36.4-37.1 5513 36.5-38.1 grained intrusive? which begins at strong fault sludge | 33.5-36.5 99 at ~ 90'. 10 .9 37.1-38.7 38.1-39.6 15 .9 71 0 Dark green to bleached pale green volcanic with 5514 some areas of minor disseminated pyrite.

KERR-DAWSUN & ASSUCIATES LID. - DIAMOND DKILL KECUKD

Suite 200 - 310 mona St. Kamloops, B.C. Phone 374-0544

SF-83-1 SHEET No. 4 SNOWFLAKE HOLE No. PROPERTY_ WIDTH CORE SAMPLE No. DEPTH DESCRIPTION of SAMPLE Au (ppb) Cu Ag LOST 38.7-39.4 22.8cm Pale greenish grey to white altered volcanics; 35 1.0 153 sludge 36.5-39.6 minor disseminated pyrite. 39.4-39.9 Similar to last section; minor narrow veinlets of white quartz. 39.9-40.5 7.6cm Similar bleached volcanics; minor disseminated pyrite. 7.6cm | Similar to last section-only trace pyrite. 39.6-41.1 **<**5 5515 .9 10 40.5-40.9 Greenish grey to white-altered volcanics; trace sludge 1.0 70 40.9-41.4 39.6-42.6 5cm pyrite; minor quartz stringers. 41.4-41.7 Greenish grey volcanics; less altered. 41.7-42.2 Similar to last section; minor f.g. pyrite on 5516 41.1-42.6 **<**5 1.6 14 some fractures. 42.2-42.9 Light greenish grey silicified volcanics minor 5.cm disseminated pyrite. 42.9-44.5 1.2m Altered zone consisting of clay between quartz 1.1 61 5517 42.6-44.1 stringers nearly parallel to core axis; minor disseminated pyrite.

KERN-PAWSON & ASSOCIATES LTD. DIAMOND DRILL RECORD

Suite 204 - 310 Nimla St. Kam. B.C. Phone 374-0544

SHEET No. ____5 ____of ___13 SF-83-1 SNOWFLAKE HOLE No. PROPERTY_ WIDTH SAMPLE No. CORE DESCRIPTION of SAMPLE Au(ppb) Ag DEPTH Cu LOST 1.4 96 Presumably similar to last section; mostly rounded 175 5518 44.1-45.7 44.5-45.7 .9m pebbles of quartz with disseminations and blebs of 42.6-45.7 1.9 175 sludge 50 pyrite. 12.7cm Similar to last section-small pebbles of quartz 45.7-46.1 with scattered blebs of pyrite; presumably the clay gouge between stringers is washed away. At end of section a 5c. seam of siliceous material with 30% pyrite. 46.1-46.6 . 4m All core lost. 45.7-47.2 46.6-47.8 From 46.6-46.8m possibly some ground pieces from 5519 745 10.5 1100 last "lost" section-quartz with 15-20% pyrite and 46.8-47.8m pale scattered minor chalcopyrite; 45.7-48.7 sludge 175 3.2 330 greenish grey, moderately argillically altered Nicola volcanics; scattered minor disseminated pyrite 2.5c quartz stringers at 5° to core axis at end of section. 47.8-48.7 10cm Pale greenish grey altered, argillic and chloritic? 5520 47.2-48.7 2.6 40 206 volcanics ? cut by many quartz stringers almost parallel to core axis, scattered disseminated pyrite near start of section.

KERR-DAWSON & ASSOCIATES LTD. - DIAMOND DRILL RECORD

Suita and - 310 Mirala St. Kamioops, B.C. Phone 374-0544

HOLE No. SF-83-1 SHEET No. 6 of 13 SNOWFLAKE PROPERTY.... CORE SAMPLE No. DESCRIPTION **DEPTH** of SAMPLE Au(ppb) Ag LOST Very broken core-sample chips; material is essentially 48.7-49.6 . 3m similar to last section; scattered, very fine grained pyrite grains. Similar light grey altered ? volcanics-somewhat 5521 140 1.2 39 49.6-50.2 10cm 48.7-50.2 harder; may be silicified here. 50.2-51.2 Similar to last section; core very broken. 51.2-51.5 Similar grey white rock-cut by many narrow quartz sludge 48.7-51.8 150 2.0 156 stringers-nearly parallel to core axis. 51.5-52.7 Similar to last section; minor scattered fine grained 5522 50.2-51.8 85 1.4 74 pyrite. 52.7-53.3 10cm | Similar to last section; core essentially all small .9 5523 47 51.8-53.3 chips. 53.3-54.4 Highly altered, chloritized and argillic rock with 134 sludge 51.8-54.8 100 1.8 frequent quartz stringers; essentailly friable, light green-grey rock with quartz.

KERK-PAWSON & ASSUCIALES LID. - DIAMOND LAILL RECORD

Suit - 31C - la St. Kamloops, B.C. Phone 374-0544

HOLE No. SF-83-1 SNOWFLAKE SHEET No. ____7___of ___13___ PROPERTY_ WIDTH CORE SAMPLE No. DESCRIPTION DEPTH of SAMPLE Au(ppb) Cu Ag LOST 1.2 72 Similar to last section; minor scattered fine 5524 53.3-54.8 210 54.4-54.8 grained pyrite. 54.8-55.4 0 Similar highly altered rock with quartz veins carrying scattered blebs of pyrite running nearly parallel to core axis. 55.4-55.9 54.8-56.3 4.6 191 5cm Similar to last section; 3 minor blebs of chalco-5525 810 pyrite in a ·8cm wide quartz stringer; minor scattered pyrite. 55.9-56.9 Similar light green-grey argillically altered, 5526 56.3-57.9 45 1.0 56 bleached volcanics ?; very little pyrite. 54.8-57.9 2.4 166 sludge 100 56.9-57.6 0 Similar grey-white, bleached volcanics. Looks like it was originally an agglomerate; fragments up to 3.8cm in diameter; minor scattered pyrite. 57.6-58.2 10cm Similar to last section; core very broken; some quartz veins running down core axis; no pyrite. 58.2-59.4 Light green-grey, fairly massive, hard, slightly 5527 10 1.0 68 57.9-59.4 bleached agglomerate; rounded fragments up to 5cm. across; few quartz stringers at 5-150 to core axis in first .3m section; trace pyrite on 2 fracture surfaces. This rock is practically unaltered.

KERK-PAWOUN & ASSUCIATES LTD. - DIAMOND DRILL RECORD

SNOWFLAKE

Suif ----- 310 *** la St. Phone 374-0544

SHEET No. 8 of 13 HOLE No. PROPERTY___ WIDTH CORE SAMPLE No. DESCRIPTION Au(ppb) DEPTH of SAMPLE LOST 22 1.1 5528 Light greenish grey, silicified, massive agglomerate 59.4-60.9 59.4-60.6 or breccia: minor quartz veins run nearly parallel to 1.6 sludge 165 146 core axis: no clay alteration; no pyrite. 57.9-60.9 60.9-62.4 <5 . 9 82 5529 Polymictic breccia or agglomerate; rounded fragments 60.6-62.4 up to 7-10cm across; colour change from light greenish grey to dark grey and fresher in last, 9m section of this run. 1.1 74 5530 62.4-64 < 5 62.4-62.7 Dark grey, fresh polymictic agglomerate. 250 1.6 141 sludge 60.9-64 62.7-63.3 Similar to last section 63.3-64.9 Dark grey, fresh agglomerate; minor narrow quartz veinlets at 30° to core axis. 64.9-65.3 Similar to last section; thin chert or mudstone layer-64 - 65.510 1.1 78 5531 5-7c thick at 65.3m lies at about 60° to core axis; minor pyrite in thin layer parallel to these sediments. sludge 64-67 -125 1.3 115

SF-83-1

KERR-DAWSON & ASSOCIATES LTD. DIAMOND DRILL RECORD

Suite 206 - 310 Nimla St. Kamkups, B.C. Phone 374-0544

PROPERTY_____SNOWFLAKE HOLE No. SF-83-1 SHEET No. 9 of 13

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au(ppb)	Ag(ppm)	Cu(ppm)	
55.3-67	0	Green grey, fresh agglomerate or polymictic;	5532	65.5-67	15	.9	89	
		volcanic agglomerate.						
67-68.5	0	Similar to last section.	5533	67-68.5	10	1.1	86	
68.5-71.3	0	Similar to last section; scattered minor small	sludge	67-70.1	95	1.3	146	
		pyrite blebs.	5534	68.5-70.1	20	1.2	97	
			5535	70.1-71.6	10	1.1	86	
71.3-74.3	0	Grey to green-grey polymictic volcanic conglomerate;	5536	71.6-73.1	135	.5	192	
		12.7cm section from 73.7m - 74.1m with 10-20%	sludge	70:1-73.1		1.4	121	
		blebs and stringers of pyrite.	fire assay 5537	(oz/ton) 73.1-74.6	800 800	4.7	480	
			sludge	73.1-76:2	1150	4.8	245	
74.3-76.7	0	Similar rock to 74.9then becoming more bleached and	fire assay 5538	(oz/ton) 74.6-76.2	.066 1500	4.9	166	-
		having scattered stringers and blebs of pyrite-						
		scattered quartz veins at 10-30° to core axis; hard,						
		bleached, light grey rock at end of section with						
		3-5% pyrite as scattered blebs up to .6cm in	fire assay	(oz/ton)	.21	.44		
		diameter.	5539	76.2-77.7	6800	11.8	141	
76.7-78.2	0	Bleached pale greenish grey flow rock ? to 77.3	sludge	76.2-79.2	2270	5.0	204	- 7.
	·	scattered blebs of pyrite common - 3-5%,						
		1.2-1.9cm. quartz veinlet with pyrite & calcopyrite						
		at 20° to core axis -@ 76.9m from 77.3 to						
		78.2 grey green homogeneous flow ? rock with						
		similar disseminated blebs of pyrite; several						
		thin quartz veinlets @ 30° to core axis.	fire assay	(oz/ton)	.011	.06		
			5540	77.7-79.2	260	1.3	130	1.5

KERR-PAWSON & ASSUCIALES LID. - DIAMOND LAILL RECURD

Suit

- 31(a St. Kamloops, B.C. Phone 374-0544

SF-83-1 SNOWFLAKE SHEET No. 10 HOLE No. ____ PROPERTY_ WIDTH CORE SAMPLE No. DESCRIPTION DEPTH Au(ppb) Ag(ppm) Cu(ppm) of SAMPLE LOST 78.2-79.8 Green to pale grey green, relatively fine grained homogeneous flow rock with abundant small blebs of pyrite. 2 narrow quartz veins @ 70° to core axis. 5541 60 1.0 65 79.2-80.7 Pale green to light green grey homogeneous flow rock? 79.8-81.3 as last; similar small blebs of pyrite, one 2.5cm 79.2-82.2 sludge 280 1.4 119 quartz veinlet at 30° to core axis at 81.1 80.7-82.2 5542 75 1.1 88 81.3-83.9 f.g. flow or dike rock-partly bleached to light grey to 81.9 From 81.9 to end of section, polymictic 82.2-83.8 5543 1.5 82 agglomerate; mostly volcanic fragments; few scattered blebs and veinlets of pyrite. 83.8-85.3 5544 695 95 5.7 82.2-85.3 83.9-86.3 10cm. Green to light grey conglomerate as last; variably 145 sludge 1.8 212 bleached; scattered, minor pyrite blebs and stringers; minor quartz veinlets at 45° to core axis. Light grey to buff, fine grained, dense altered 85.3-86.8 450 6.3-87.4 5545 2.1 119 10cm flow or dike rock; pyrite stringers and blebs common; core very broken; pyrite stringers at 20° to core axis.

KERN-PAWJON & ASSOCIATES LTD. - DIAMOND DRILL RECORD

HOLE No. _____SF-83-1 SNOWFLAKE SHEET No. 11 of 13 PROPERTY..... WIDTH
of SAMPLE Au(ppb) SAMPLE No. CORE DESCRIPTION DEPTH LOST 85.3-88.3 | 1500 6.3 Similar bleached, silicified ? rock; not much sludge 1400 87.4-87.7 5 cm pyrite here. Similar to last section; core very broken; 87.7-88.3l 25.4cm 1.4 87 180 5546 86.8-88.3 shear zone ? 88.3-89.3 7.6cm From 88.3-89 fine grained, dense dike or flow rock- as before: 89-89.3 silicified volcanic 88.3-89.9 conglomerate. 1.1 5547 10 50 Green-grey volcanic conglomerate; minor quartz 89.3-90.2 stringers at 30° and 45° to core axis. From 90-90.2m flow rock? Green-grey porphyritic andesite flow; core very 90.2-90.5 5cm broken at start of section. sludge 88.3-91.4 480 2.8 385 89.9-91.4 90.5-90.6m - andesite flow; from 90.6-90.7m 5548 **<** 5 1.2 98 90.5-91.7 bands of fine mudstone and conglomerate; bedding at 50° to core axis; from 90.7-91.7m - conglomerate. 91.7-92.2 7.6cm Similar to last section .9 86 5549 91.4-92.9 92.2-93.2 25.4cm Similar to last section

KERN-DAWSON & ASSOCIATES LTD. - DIAMOND DRILL RECORD

Suita 200 - 310 Martia St. Kamicops, B.C. Phone 374-0544

HOLE No. SF-83-1 SHEET No. 12 of 13 SNOWFLAKE PROPERTY____ WIDTH SAMPLE No. CORE DESCRIPTION DEPTH of SAMPLE Au(ppb) Ag(ppm) Cu(ppm) LOST 92.9-94.4 < 5 1.0 108 Similar to last section; 3 to 5% pyrite as 5550 93.2-93.8 91.4-94.4 stringers and blebs in last 25cm section. sludge 250 2.3 260 5551 94.4-96 **<**5 1.1 68 From 93.8-95.7 similar conglomerate, minor disseminated 93.8-96.6 0 94.4-97.5 pyrite; 95.7-96.6 dark grey green flows. sludge 140 2.0 190 96-97.5 **<**5 1.0 96.6-97.2 5552 58 Fairly fresh augite porphyry flows, minor pyrite. 97.2-98 Similar dark green flows to 97.3m; thence bleached, light green-grey flows, cut by several quartz-calcite stringers; traces of pyrite. 97.5-99 **<**5 5553 . 9 61 15.2cm Mostly grey-green augite porphyry flows. 98-98.7 97.5-100.5 201 175 2.0 sludge 98.7-100.2 7.6cm | Similar to last section; minor hematite staining 99-100.5 5554 **<**5 1.0 34 on some fractures. 100.2-100.8 7.6cm. Similar to last section. 100.8-101.1 12.7cm Similar to last section. .9 44 Similar to last section. 5555 **<** 5 100.5-102.1 101.1-101.4

KERR-DAWSON & ASSOCIATES LTD. - DIAMOND DRILL RECORD

Suite 206 - 310 Nicola St. Kamkoops, B.C. Phone 374-0544

PROPERTY_		SNOWFLAKE HOLE No.	SF-83-1		SHEET No	. 13	of1	3
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au(ppb)	Ag	Cu	
101.4-102.8	0	Similar to last section.	sludge	100.5-103.6	110	3.3	176	
102.8–103.3	0	Similar to last section.	5556	102.1-103.6	< 5	.9	75	
103.3-105.1	12.7cm	Similar green augite porphyry flows to 103.9m; then light greenish grey bleached rock with	5557	103.6–105.1	10	1.2	57	
		scattered calcite stringers; scattered disseminated pyrite.	-11	102 6 106 0	260	1.6	192	
105.1–106.3	7.6cm	First 60.9cm are mostly dark green relatively fresh andesite (augite porphyry) flows; last	sludge	103.6-106.9	260	1.0	192	
		60.9cm are typical bleached grey white rock; traces of pyrite.	5558	105.1–106.3	< 5	1.0	70	
106.3–106.9	60.9cm	Core lost because tube did not lock.						
		END OF HOLE						

KEKK-DAWSUN & ASSUCIATES LTD. - DIAMOND DKILL KECUKD

PROPERTY SNOWFLAKE

1 - Victo t.

Kamloops, B.C.

Phone 374-0544

DIP AND	DIP AND AZIMUTH TEST		93,2 M	1	
Corrected Footage Angle Azimuth		ected	Core SizeNQ	Total Depth	Sheet No of 9
		Azimuth Angle of Hole45 ⁰		% Recovery 94 %	Logged byJMD
			Claim	Elev. Collar	Date BegunSept29/83.
			Section	Latitude 3 + 85NW	Date Finished Oct. 3/83
			Section080	Departure 6 + 30SW	Core Stored At Kamloops

HOLE No. SF-83-2

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au ppb	Ag ^{ppm}	Cu ^{ppm}	
		Hole Cased to 22.8m.						
meters								
22.8-23.4	0	Medium grained, green grey typical Nicola andesite		-				
		flows; minor quartz veining; no sulphides;						
		minor sedimentary layers 2-5 cm thick.						-
23.4–24	0	Primarily greenish Nicola andesitic flows						
		scattered disseminated pyrite.	5559	22.8–24.4	50	1.2	59	
24-24.4	5 cm	Similar to last section; minor quartz veining						
		approximately parallel to core axis; minor						
		disseminated pyrite.						
24.4-25.6	30 cm	Similar to last section; no pyrite						
			5560	24.4-25.9	5	1.0	105	
25.6–25.9	0	Similar to last section; minor scattered pyrite						
25.9–27.1		Similar typical Nicola greenstone-traces pyrite						
			5561	25.9–27.4	5	-8	5.5	
	,							

KEDD-PAWSON & ASSOCIATES ITD. DIAMOND DOUL DECOND

Suite 000 - 310 1 1 St. Kamloops, B.C. Phone 374-0544

HOLE No. ____SF-83-2 PROPERTY___Snowflake SHEET No. 2 of 9 CORE DEPTH DESCRIPTION SAMPLE No. Au(ppb) Ag(ppm) Cu(ppm) of SAMPLE LOST 27.1-27.8 Similar to last section 5 cm 27.8-28.3 27.4-28.9 Similar greenstone; becoming more fractional 5562 20 . 9 69 toward end of section. 28.3-29.2 25 cm Highly fractured fine grained andesite 29.2-29.8 Fractured andesite flow or tuff for first section then less broken green grey andesite tuff with 1 or more bands (2-5 cm wide) of green dense chert @ ~ 65° to core axis; minor disseminated pyrite. 5563 28.9-30.4 20 .9 220 29.8-30.4 Green grey andesite flows of ? tuffs 20 cm 30.4-30.7 5 cm Fine grained andesite flow or ? tuff 30.7-32 0 Green grey andesite tuff with several narrow interbeds of fine greenish cherty mudstone; 5564 30.4-32 5 . 8 104 $60-70^{\circ}$ to core axis. 32-33.2 Medium to fine grained andesite flows or ? tuffs; minor quartz stringer; minor epidote clots & veinlets. 32-33.5 5565 5 .8 55

KERR-DAWSON & ASSUCIALES LID. - DIAMOND DRILL RECURD

Suit____ - 31Ca St. Kamloops, B.C. Phone 374-0544

HOLE No. ____SF-83-2 Snowflake SHEET No. __3 ____ of __9 PROPERTY_ CORE WIDTH DEPTH DESCRIPTION SAMPLE No. Αu Cu Ag LOST of SAMPLE 33.2-33.8. Highly fractured green grey andesite tuff? 5566 33.5-35 5 9 59 Andesite tuff grading to medium to coarse green 33.8-35.6 0 grey volcanic wacke; fragments up to 2-5 cm across, tracer pyrite. 35-36.5 5567 10 . 8 80 35.6-37.4 Green grey coarse volcanic wacke; minor scattered 0 pyrite; fairly solid, relatively unaltered core. 36.5-38.1 5568 3.5 37.4-40.5 Green grey volcanic wacke or agglomerate; fragments to 2-5cm diameter; 2 cm quartz vein runs down core axis 38.1-39.6 5569 1.9 40 173 from 39.3 to 40.3 m , scattered grains of pyrite ~ this quartz vein; minor chalcopyrite @ ~ 130° 5570 39.6-41 60 1.9 363 pyrite stringers 41-42.6 . 9 5571 20 128 Similar green grey agglomerate or volcanic wacke; 40.5-43.2 minor scattered pyrite grains. 5572 42.6-44.1 5 . 9 99 43.2-44.5 Similar to last section; minor quartz vein at 45° to core axis. 44.5-46 Similar to last section; core very broken in 5573 44.1-45.7 5 .9 101 last 20cm section. 46-46.4 Similar green grey chloritic fragmental agglomerate or ? wacke.

KERR-DAWSON & ASSUCIATES LID. - DIAMONU DKILL KECOKU

Suite ___ 310 l ... St. Kamloops, B.C. Phone 374-0544

HOLE No. ____Sf-83-2 SHEET No. 4 of 9 Snowflake PROPERTY____ WIDTH CORE SAMPLE No. DEPTH DESCRIPTION of SAMPLE Cu Ag LOST 45.7-47.2 Green grey fine grained andesite with some 5574 5 .8 149 46.4-48.1 agglomerate horizons; some stringers and small blebs of epidote. 48.1-49.6 .9 132 7.6 cm Grey green fine to medium grained andesite; 5575 10 47.2-48.7 trace pyrite. 49.6-50.5 50.8 cm Medium to fine grained green grey andesite slightly < 5 . 8 25 5576 48.7-50.2 porphyritic in part; minor greenish chert interbeds. 50.5-50.9 Fine grained grey green andesite. 50.9-51.2 5 cm Similar to last section 51.2-51.6 35.5 cm Similar to last section 50.2-51.8 < 5 5577 8 46 51.6-52.1 17.7 cm Similar to last section 52.1-52.5 25.4 cm Similar to last section 52.5-53.3 5 cm Green grey slightly porphyritic andesite flows 5578 51.8-53.3 **<** 5 . 8 60 53.3-54.2 Fault zone - gouge cemented by clacite from 40.6 cm 53.9-54.2 m.

KERN-LAWSON & ASSOCIATES LTD. - DIAMOND ERILL RECORD

PROPERTY_	Sn	owflake HOLE No. SF-8	HOLE NoSF-83-2 SH			SHEET No. 5 of 9			
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu		
54.2-54.5	10 cm	Green grey, fine grained andesite flows							
			5579	53.3-54.8	< 5	.9	28		
54.5-55.4	0	Green grey, fine to medium grained andesite,	<u> </u>						
 		slightly porphyritic in part.					ļ		
						 	 		
55.4-56.3	15.2 cm	Green grey andesite; fragmental in part	5580	54.8-56.3	5	1.0	94		
56.3-56.9	10 cm	Green grey andesite; slightly porphyritic in part.							
56.9-57.6	0	Similar to last section							
			5581	56.3-57.9	5	1.1	78		
57.6-58.5	00	Similar to last section	ļ						
			5582	57.9-59.4	< 5	.9	71		
58.5–60		Green grey andesite tuff with several narrow		<u> </u>					
		chert bands (light green) at ~ 45° to core axis.	5583	59.4-60.9	< 5	.8	56		
60-61.8	0	Greenish andesite tuff with frequent narrow .6 cm to							
		10 cm bands of charty mudstone - 70 to 85° to core			<u> </u>				
		axis; minor scattered pyrite.							
61.8-63	0	Minor green andesite tuff with 70% cherty mudstone							
		and dark grey to black graphitic argillite;							
		disseminated pyrite locally up to 2%.					<u> </u>		
				 		1			
							-		
		·	_				 		

KERR-LAWSUN & ASSUCIATES LID. - DIAMONU DRILL KECCIKD

Suite 206 - 310 Nicola St. Kamloops, B.C. Phone 374-0544

PROPERTY_		Snowflake HOLE No	SF-83-2		SHEET N	No. <u>6</u>	of	9
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag_	Cu	
63-64.6	0	Green grey andesite tuff with scattered thin bands	5585	62,4-64	< 5	.9	104	
		of cherty mudstone - grading to coarse volcanic				<u> </u>		
		wacke in last 30 cm section.						
			5586	64-65.5	< 5	.9	82	
64.6–67.6	0	Grey green andesite tuff and volcaniclastics with						
		scattered minor thin interbeds of cherty argillite;	5587	65.5–67	< 5	.9	86	
		traces of pyrite.						
			5588	67–68.5	< 5	.9	24	
67.6-69.1	0	Primarily coarse volcanic wacke or agglomerate.						
69.1-70.1	0	Grey green volcanic wacke or andesite tuff.	5589	68.5-70.1	< 5	.9	110	
70.1-70.7	5 cm	Similar tuff and sediments 70° to core axis to					<u> </u>	
		70.4 m, then dark grey to black argillite with						
 		scattered grains and cubes of pyrite.						
70.7–71.3	10 cm	Primarily black graphitic argillite with						
		disseminated grains and fine grained bands of						
		pyrite -3 to 5%, last 30 cm section essentially	5590	70.1–71.6	5	1.0	135	
		fault gouge.						
71.3-71.9	20 cm	Andesite flows with minor interbands of cherty						
		argillite.						
								

KEPP-PAWSON & ASCOCIATES LTD. DIAMOND DANK ACCAD

Suit€

St. 310 Kamloops, B.C. Phone 374-0544

PROPERTY_		Snowflake HOLE No. SF	-83-2	· · · · · · · · · · · · · · · · · · ·	SHEET N	lo7	of9	
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
71.9–72.2	15 cm	Similar to last section						
72.2–73.1	0	Primarily black graphitic argillite with scattered grains and thin bands of pyrite. Minor sillstone	5591	71.6–73.1	10	1.3	106	
		interbeds @ 45° to core axis.						
73.1–74	20 cm	Similar to last section	5592	73.1–74.6	< 5	1.5	129	
74-74.9		Black graphitic argillite with frequent bands and scattered grains of pyrite. 3-5% pyrite; bedding at 75° to core axis.	3392	73.1-74.0		1.2	129	
74.9–76.8	0	Similar to last section.	5593	.74.6-76.2	4 5	1.2	135	
76.8–77.7	0	Similar to last section; minor quartz, calcite veining - 3-5% pyrite.	5594	76.2–77.7	5	1.5	116	
77.7–78.3	20 cm	Black graphitic argillite; only minor pyrite.						
78.3–78.9	30 cm	Similar to last section; minor fine grained disseminated pyrite.						
78.9–79.2	7.6 cm	Black, cherty argillite; fine grained blebs of pyrite spread through rock - 3-5% pyrite.	5595	77.7–79.2	20	2.0	158	
i								

KETT-TAWSON & ASSOCIATES ITD. DIAMOND POILL DECOND

Suite 206 - 310 Nicola St. Kamk 3.C. Phone 374-0544

SHEET No. 8 of 9 SF-83-2 Snowflake HOLE No. PROPERTY___ WIDTH SAMPLE No. CORE DESCRIPTION DEPTH Cu Au Ag of SAMPLE LOST Similar to last section; pyrite looks syngenetic; 79.2-79.7 10 cm bedding at 75° to core axis. Similar to last section 79.7-80.4 158 2.0 79.2-80.7 30 559**6** Similar to last section 7.6 cm 80.4-81 Similar to last section 81-81.3 0 Similar to last section 81.3-81.8 0 10 1.9 155 80.7-82.2 81.8-82.2 7.6 cm Black graphitic argillite; minor fine grained 5597 disseminated pyrite Similar to last section; 2% pyrite as very fine 82.2-82.9 disseminated grains. 82.9-83.5 Similar to last section 1.8 170 10 82.2-83.8 5598 83.5-84.1 Similar to last section; minor silty horizons and pyrite grains. 84.1-84.4 Similar black cherty argillite with 2-3% pyrite as fine scattered grains.

KERN-DANSUN & ASSUCIATES LID. - DIAMOND DRILL RECOND

Suite ___ 310 I St. Kamloops, B.C. Phone 374-0544

PROPERTY_		Snowflake HOLE No	SF=83-2		SHEET No	9	of _9_	
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
84.4-85.3	15 cm	Similar to last section; thin silty bands @ 40°	5599	83.8-85.3	< 5	2.0	123	
		to core axis.						
					ļ · · · · · · · · · · · · · · · · · · ·			
85.3–85.6	0	Similar to last section						.,
85.6–85.9	7.6 cm	Similar to last section						
85.9–86.5	35 cm	Similar to last section					<u>.</u>	
·			5600	85.3–86.8	< 5	1.7	132	
86.5-87.1	0	Similar to last section						, ,
87.1–87.7	0	Similar to last section			ļ	, , , , , , , , , , , , , , , , , , , ,		
87.7–88.3	0	Similar to last section.	5601	86.8-88.3	< 5	1.4	135	
								,
88.3–89.9	0	Dark grey to black graphitic argillite; scattered	5602	88.3–89.9	< 5	1.4	110	
		quartz grains and stringers; <1% pyrite; minor					'	
		calcite stringers.						
89.9–92	0	Dark grey to black graphitic argillite; calcite	5603	89.9–92	< 5	1.8	102	
		stringers more common; minor pyrite.			ļ			
92–93.2	30.4 cm	Fault zone - core lost - bad coring		ļ				
					1			
		END OF HOLE					ļ	
				<u> </u>	1		<u> </u>	

Suite 1 – 219 Victoria St. Kamloops, B.C. Phone 374-0544

DOODEDIN	Snowflake
PROPERTY	DHOWLIARC

HOLE No. SF-83-3

DIP AND AZIMUTH TEST Corrected				
Footage	Angle	Azimuth		
76.2 m.	-47 ⁰			

Core Size	N.Q.
	4.5°
J	
Section	
Bearing	265°T

Total Depth 93.57 m.	Sheet No 1 of
% Recovery 95%	Logged by .J.M.S.
Elev. Collar	Date Begun Oct . 6/83
Latitude3 + 8.5NW	Date Finished
Departure 6 + 30SW	Core Stored At KAMLOOPS

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au ppb	Ag ppm	Cu ppm	
		Overburden to 19.5 m.						
meters								
19.5-22.2	0	Typical grey green fresh Nicola porphyritic flows;	5604	19.5–21.3	5	1.3	79	
		feldspar phenocrysts up to 4 mm. long; scattered						
		interstitial epidote; minor accessory pyrite.						
			5605	21.3–22.8	5	1.2	56	
22.2-25.2	0	Similar Nicola andesite flows; epidote common as						
		stringers and small blebs; minor scattered	5606	22.8–24.3	< 5	1.1	106	
		pyrite grains.						
25.2–25.9	7.6 cm	Pale grey to green grey andesite flows; epidote	5607	24.3–25.9	< 5	1.1	47	
		common as stringers and blebs.	5608	25.9–27.4	< 5	1.2	73	
25.9–28.9	0	From 25.9-27.4m - similar flows with scattered						
		epidote; 27.4-28.9 becomming agglomerate - frequent	5609	27.4-28.9	< 5	1.3	116	
		eqidotized fragments; minor scattered accessory						
		pyrite.						
			5610	28.9–30.4	〈 5	1.1	86	
28.9–32	0	Dark green grey andesitic agglomerate; some granitic				ļ		
		fragments; frequent epidote as stringers and blebs -	5611	30.4–32	< 5	1.1	101	
		5-7%.						

KERR-DAWSON & ASSUCIALES LID. - DIAMOND DRILL RECURD

Suito 200 - 316 mula St. Kamloops, B.C. Phone 374-0544

HOLE No. SF-83-3 Snowflake SHEET No. 2 of 8 PROPERTY____ CORE WIDTH DEPTH DESCRIPTION SAMPLE No. Au Ag Cu LOST of SAMPLE 32-33.8 Similar to last section; fragments are usually 5612 5 1.3 32-33.5 102 epidotized. 33.5–35 5 33.8-35.3 From 33.8-34.4 m. similar agglomerate with epidotized 5613 1.2 86 fragments; 34.4-35.3 fresh green gray, slightly porphyritic andesite. 35.3-35.9 5 5 cm 5614 Light grey, fractured andesite; some fracture 1.1 94 35-36.5 \sim parallel to core axis. 35.9-36.2 Similar to last section 2.5 cm 36.2-37.9 Dark green andesitic flow; minor fracture and calcite stringers approximately parallel to core axis. 5615 **<**5 1.3 86 36.5–38.1 37.9-38.7 Similar to last section. 38.7-39.6 Green grey fractured and broken andesite; very 5616 **<**5 38.1-39.6 1.3 85 friable in last 20 cm section; minor calcite stringers. 39.6-40.2 50.8 cm | Gouge zone; most core is lost only core recovered is green grey andesite with epidote blebs.

KERR-DAWSON & ASSOCIATES LTD. - DIAMOND DRILL RECORD

- 310 a St. Kamloops, B.C. Phone 374-0544

SHEET No. SNOWFLAKE HOLE No. PROPERTY___ CORE WIDTH DESCRIPTION SAMPLE No. DEPTH Au Ag Cu LOST of SAMPLE Very shattered broken rock of grey andesite with 40.2-40.5 7.6 cm epidote blebs and stringers. Similar to last section. 40.5-40.8 5 cm 39.6-41.1 1.2 62 5617 Grey green fresh andesite with 3-5% epidote as 40.8-42 scattered blebs; minor pyrite on one fracture. 41.1-42.6 **<**5 48 5618 1.0 42-44.8 0 Similar to last section. 42.6-44.1 5 1.3 5619 75 44.8-47.8 Dark grey green, fresh andesite with scattered 44.1-45.7 **<** 5 5620 1.3 69 epidote blebs and frequent scattered small grains 45.7-47.2 5 1.3 80 5621 of pyrite. **<** 5 47.2-48.7 120 5622 1.3 **<** 5 1.4 Similar to last section; traces of pyrite only. 96 5623 48.7-50.2 47.8-50.9 0 1.5 5624 50.2-52.8 10 112 50.9-53.9 Similar green grey andesite flows with scattered 1.3 102 small blebs of epidote. 5625 51.8-53.3 53.9-54.2 53,3-54,8 15 cm | Similar rock but highly broken and sheared-5626 5 1.1 73 fault zone?

SF-83-3

KERR-DAWSON & ASSOCIATES LID. - DIAMOND DAILL RECORD

St 6 - 3 ola St Kamloops, B.C Phone 374-0544

HOLE No. SF-83-3 SHEET No. 4 of 8 SNOWFLAKE PROPERTY_ WIDTH CORE SAMPLE No. DESCRIPTION DEPTH Cu Au Ag of SAMPLE LOST 54.2-55.3 7.6 cm Dark grey green andesite with frequent scattered blebs of epidote. Similar to last section. 55.3-55.4 0 55.4-56 5 cm Similar to last section. 5627 54.8-56.3 1.1 63 56-56.6 12.7 cm Similar to last section. 56.6-57.6 10 cm Similar to last section. 56.3-57.9 5628 1.1 101 57.6-58.2 17.7 cm Green grey, fine grained andesite flows; no epdiote; core very broken. 58.2-58.8 Similar to last section. 58.8-59.4 57.9-59.4 **4**5 Similar to last section; minor scattered eqidote 5629 1.1 79 blebs. 59.4-60 7.6 cm Similar to last section. 60-60.6 Similar to last section. **<**5 5630 1.0 59.4-60.9 25.4 cm | Similar green grey andesite-core highly broken. 60.6-61.2 61.2-61.8 Green grey andesite-fairly fresh with scattered circular blebs of epidote.

KENR-DAWJON & AJJOCIAIES LID. - DIAMOND DAILL RECURD

St 16 - 3 xola St Kamloops, 8.0 Phone 374-0544

SF-83-3 SNOWFLAKE SHEET No.____ HOLE No. ____ PROPERTY____ WIDTH Cu CORE SAMPLE No. Αu DESCRIPTION DEPTH LOST of SAMPLE Similar to last section. 61.8-62.1 60.9-62.4 < 5 1.0 48 5631 12.7 cm Similar to last section. 62.1-62.7 Core ground but appears similar to last section. 62.7-63.3 43.cm < 5 1.0 33 5632 62.4-64 Grey green andesite with epidote blebs as before. 63.3-63.7 63.7-64.6 68.5 cm Similar to last section; tube did not lock. 64.6–65.2 7.6 cm Similar to last section. **<** 5 1.1 76 5633 64-65.5 65.2-65.8 | 20.3 cm Similar to last section. 65.8-66.7 0 Similar to last section. 5634 1.0 75 65.5-67 66.7-67.3 7.6 cm Similar to last section. 67.3-67.6 2.5 cm Similar to last section. 67.6-68.2 0 Similar to last section. **<**5 5635 .9 46 67-68.5

KERR-DAWSON & ASSOCIATES LTD. DIAMOND TRILL RECORD

Suite 206 - 310 Nicola S Kai. ..., s, B.C Phone 374-054

HOLE No. _____SF-83-3 SHEET No. 6 SNOWFLAKE PROPERTY____ WIDTH SAMPLE No. DESCRIPTION DEPTH of SAMPLE Au Αg Cu LOST From 68.2-68.5m - similar andesite but bleached and 68.2-68.8 22.8 cm slightly hematite stained; from 68.5-68.8 bleached andesite with 60-70% banded chalcedonic quartz veins @ 40° to core axis; trace pyrite; some hematite along fracture. Bleached hematite stained andesite with scattered, 68.8-69 thin, chalcedonic quartz stringers at 45° to core axis - estimate 5-8% quartz. **<** 5 69-69.7 5636 1.0 48 Similar to last section; 1-2% quartz 68.5-70.1 First 30cm is similar pink, altered, hematite 69.7-70.4 stained andesite with minor, very narrow quartz stringers; very finely divided pyrite in 2 of them; last half of section is bleached grey white altered andesite with traces of hairline quartz stringers 2-3% quartz in section; 40° to core axis. 70.4-72.2 Pinkish buff to white altered andesite with **<** 5 5637 70.1-71.6 1.0 19 minor narrow quartz and quartz calcite veinlets -@ 40° to core axis: < 1% quartz.

KEDR- DAWSON . ASSOCIATES ITD. . DIAMOND DRILL RECORD

06 - Cola S Kamkoops, B.

HOLE No. _____SF-83-3 SNOWFLAKE SHEET No. 7 of 8 PROPERTY___ CORE WIDTH DEPTH DESCRIPTION SAMPLE No. of SAMPLE Au Ag Cu 25.4 cm From 72.2-72.4 m similar to last section with 10% 72.2-73.1 **<** 5 quartz stringers and veinlets; 72.3 - 73.1 cm. 5638 71.6-73.1 1.1 67 light grey less altered andesite with minor quartz veinlets - 1-2% quartz; core highly broken. 73.1-74.3 Highly broken greyish weakly altered andesite: scattered very narrow quartz veinlets - 1-2% quartz. < 5 5639 73.1-74.6 1.2 143 74.3-74.9 15.2 cm. Similar to last section: 5 cm vein of calcite at end of section. 74.9-75.8 15.2 cm Highly broken grevish andesite; scattered narrow quartz veinlets; minor very fine grained pyrite 74.6-76.2 5640 20 1.0 146 on some fractures. 75.8-76.8 10 cm Similar to last section - 1-2% quartz as very narrow veinlets; some running nearly down core axis; minor very finely divided pyrite. 76.8-78.3 Grey to green grey; very broken andesite and 5641 76.2-77.7 1.2 140 andesite agglomarate. last 45.7c is definitely less altered; minor quartz veinlets and minor very finely divided pyrite as scattered grains.

KERR-DAWSON & ASSOCIATES LTD. - DIAMOND DRILL RECURD

06 - Icola S Kamloops, B.C Phone 374-054

SF-83-3 SNOWFLAKE SHEET No.____ HOLE No. PROPERTY____ WIDTH CORE SAMPLE No. DESCRIPTION DEPTH Au Ag Cu of SAMPLE LOST 5642 10 1.0 74 Dark green andesite agglomerate; virtually 77.7-79.2 78.3-81.3 0 unaltered; minor disseminated pyrite. 5643 40 1.2 103 79.2-80.7 Dark green andesite agglomerate; minor epidote 81.3-84.4 20 1.4 195 5644 80.7-82.2 blebs; scattered quartz stringers at 20° to 70° to core axis; minor fine grained disseminated 1.1 5645 82.2-83.8 20 104 pyrite: trace chalcopyrite @ 82.2 m. 80 1.5 62 5646 83.8-85.3 84.4-87.4 Similar to last section. 5647 85.3-86.8 155 1.3 137 86.8-88.3 5648 70 1.3 136 Similar to last section; minor quartz and quartz 87.4-90.5 epidote stringers; some fragments of epidotized 1.0 5649 70 67 88.3-89.9 5650 89.9-91.4 50 1.0 74 **9**0-, 5-93.5 Fairly fresh andesite agglomerate as last section. 5651 91.4-93.5 40 1.0 107 END OF HOLE.

HERR-DAWSON & ASSUCIATES LID. - DIAMOND DRILL RECORD

Suite 1 - 219 Victoria St. Kamloops, B.C. Phone 374-0544

PROPERTY	Snowflake	HOLE	No	SF-83-4

DIP AND AZIMUTH TEST						
	Corre	ected				
Footage	Angle	Azimuth				
94.4 m	-47°					
	L	L				

Core Size	Total Depth 95.4 m. % Recovery 95%	Sheet No
Claim	Elev. Collar	Date Begun Oct. 14/83 Date Finished Oct. 17/83 Core Stored At Kamloops

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au ppb	Ag ppm	Cu ppm	·
0-24.3 m.		Casing - overburden						
24.3–26.5	15.2 cm	Gray, fine grained semi consolidated "overburden"						
24.3-20.3	13.2 Cm		ļ					
		core (?) is frozen. This does not appear to be						
	<u> </u>	bedrock. Fragments consist of green-gray fine						
		grained volcanics, and sediments along with occas-						
		ional massive medium grained granitic fragment.	5652	24.3–27.4	10	.4	37	
26.5–29.5	1.5m	Similar to above - granite fragment @ 26.6 m.	5653	27.4–30.4	5	.6	35	
29.5–30.4	.6 m	Similar to last section.	5654	30.4–32	5	.7	47	
30.4–32.3	15.2 cm	Similar to last section except definite bedrock of						
		green, fine grained volcanic noted by 31.6 m.						
		Conglomeritic texture of volcanic material noted						
		at 31.6 m. Epidote is commonly observed in volcanic						
		material.						
								

KEDR-DAWCON & ACCOCIATES ITD DIAMOND DOLL DECORD

Suite 206 - 310 Nicola St Karmous B.C. Phone 374-0544

HOLE No. ___SF-83-4 SNOWFLAKE SHEET No. 2 of 8 PROPERTY___ WIDTH CORE SAMPLE No DEPTH DESCRIPTION of SAMPLE Cu A11 Αg LOST Greenish, fine grained porphyritic Nicola andesitic 32.3-33.8 15.2 cm flow with abundant epidote (propylitic alteration). 5655 32-33.5 5 1.9 89 Core is quite broken and locally limonitic on fractures. Quartz + calcite veinlets up to 0.5 cm. @ 30° to 60° to core axis. Sulphide content < 2% generally. 33.8-35 .6 m Similar to last section except very few quartz **<** 5 1.0 40 stringers. Core very broken. 5656 33.5-35 Similar to last section except core not as broken 35-35.6 15.2 cm up. Egidote still quite common. 35.6-36.8 15.2 cm Green, fine grained, more massive propylitically altered Nicola andesite. Shows relic prophyritic texture. Occasional hairline quartz veinlets notedgenerally less than 0.2 cm. wide. Some fractures show hematite [±] limonite alteration. Sulphides generally less than 1-2%. 5657 **<** 5 .7 19 35-36.5 36.8-38.4 15.2 cm Similar to last section 5658 36.5-38.1 **<** 5 1.0 24 5659 5 .5 30 38.1-39.6 Similar to last section (Core less broken) 38.4-41.1 0 **<** 5 5660 39.6-41.1 .8 24 41.1-42.9 < 15 cm Similar to last section 41.1-42.6 **<** 5 •5 45 5661 5662 42.6-44.1 **<** 5 .8 28

KERR-DAWSON & ASSOCIATES LTD. DIAMOND DRILL RECORD

St." ^^6 - 31^ 1" ola St Karnioops, B.C Phone 374-0544

PROPERTY_		SNOWFLAKE HOLE No.	SF-83-4		SHEET No	3	of8	
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
42.9–46	0	Similar to last section, Core quite solid, less	5663	44.1–45.7	5	.8	29	
		fractured. Stringers of quartz + eqidote locally	5664	45.7–47.2	< 5	.8	41	
		common, generally 45° - 65° to core axis.						
46–47.8	0	Similar to last section except rock becoming bleache	ì					
		looking, siliceous @ 46.6-46.8 m. and 47.2 to	5665	47.2-48.7	< 5	.8	31	
		47.8 m. Relic porphyritic texture still present.					<u> </u>	
•		Slickensides noted @ 47.5 m.(30° to core axis)						
		Quartz stringers also @ 30° to core axis.						
47.8-50.9	0	Light to medium green, massive, fine grained	5666	48.7–50.2	< 5	•5	29	
	!	porphyritic Nicola andesite flow. Epidote still	5667	50.2-51.8	5	•5	39	
		quite common. Quartz stringers quite common -						
		from hairline to 0.75 cm. wide. Vast majority of						
		stringers < 30° to core axis (C.A.). Some						
		stringers commonly associated with hematite.						
		Quartz + hematite stringers most common between						
		47.8-49.3 m. More massive andesite from 49.3 to						
		50.9 m.						
50.9–52.7	15.2 cm	Green, fine grained massive Nicola andesite. Weak	5668	51.8-53.3	< 5	.6	32	
		porphyritic texture present. Epidote still						
		pervasive. Fine quartz stringers still present						
		but not intense.						
				L	i		I	Ī

KERR- DAY/SON & ASSOCIATES LTD. - DIAMOND DRILL RECORD

206 - licola Kamloops, B Phone 374-05

HOLE No. ___SF-83-4 SNOWFLAKE SHEET No PROPERTY_ CORE WIDTH DEPTH DESCRIPTION SAMPLE No. Au Cu Ag LOST of SAMPLE 52.7-54.8 Ω Similar to last section **<** 5 5669 53.3-54.8 32 54.8-57.3 Similar to last section. Few quartz stringers **<** 15 cm still present. @ 30-45° to core axis. Sulphides scarce. Epidote pervasive. < 5 5670 54.8-56.3 .6 25 15.2 cm | Similar to last section but more broken 57.3-58.5 especially between 57.3-57.6 m. - possible shear zone ? Another crumbly section (shear) @ 58.2-58.5 m. Hematitic gouge noted on some 5671 30 .6 105 56.3-57.9 surfaces (30° to core axis). 58.5-61.2 45.7 cm Green, massive, fine grained Nicola andesite with usual epidote alteration of feldspars and groundmass, with exception of minor quartz + **<** 5 5672 57.9-59.4 .5 116 hematite fracture surfaces, this rock is much **<** 5 5673 59.4-60.9 68 like preceding sections. Quartz + hematite stringers generally rare and usually @ 30 to 45° to core axis. 61.2-62.1 15.2 cm. | Similar to above section 45 5674 60.9-62.4 .6 20

MIRRODAWION & ACSOCIATES LTD. - DIAMOND DRILL RECORD

206 Vicola Kamloops, B Phone 374-05

SNOWFLAKE HOLE No. ____SF-83- 4 SHEET No. ____ 5 ___ of ___ PROPERTY.... CORE WIDTH DEPTH DESCRIPTION SAMPLE No. Au Ag Cu LOST of SAMPLE Pale green, variably bleached and siliceous 62.1-64 .6 m altered andesite. Quartz veining quite common 62.4-64 **<** 5 .6 28 5675 with most prominant veinlets @ 5-15° to core axis. Locally abundant very fine grained pyrite average content probably 1 - 2% +. Some evidence of shearing evidenced by slickensides on edge of veins @ 63 m. Green, fine grained, massive, propylitically 64-64.6 .3 m altered andesite, similar to those above. 5676 **<** 5 64-65.5 .8 121 is pale gray bleached material 64 - 64.3 mnoted in last section with small clots of fine grained pyrite. 64.6-65.5 Typical green, fine grained Nicola andesite - still 15.2 cm shows abundant epidote, weak to moderate 5677 65.5-67 **4**5 .8 38 porphyritic texture. Quartz veinlets < 1mm. to 5 mm. at 30 to 45° to core axis. Similar to last section. 65.5-66.7 15.2 cm 66.7-68.2 Similar to last section 5678 6-68.5 45 .8 44

FER- PAWON & ASSOCIATES ITC. - DIAMOND DRILL RECURD

Cambops, B. Phone 374-05

HOLE No. _____SF-83-4 SNOWFLAKE PROPERTY___ SHEET No. _____ 6_ of _ 8 CORE DEPTH WIDTH DESCRIPTION SAMPLE No. Au Ag Cu LOST of SAMPLE Similar to last section - quartz + calcite 68.2-70.7 15.2 cm stringers and veinlets still present - locally 5679 68.5-70.1 **4** 5 .7 56 moderately abundant, generally @ 30-45° to core axis. Sulphide content low < 1%. 0' Similar to last section - andesite shows good 70.7-73.7 porphyritic texture in places. .8 68 5680 70.1-71.6 5681 **〈** 5 .7 93 71.6-73.1 73.7-76.2 30 cm Similar to last section - epidote still pervasive **4** 5 5682 73.1-74.6 108 74.6-76.2 5683 1.1 109 76.2-78 76.2-77.7 0 Similar to last section · 5684 < 5 .7 22 78-79.5 < 15 cm Similar to last section. Weakly bleached and **<** 5 5685 .6 17 77.7-79.2 sheared @ $78.7 - 79.2 \, \text{m}$. Similar to last section. Core more broken and 79.5-80.1 15.2 cm 5686 79.2-80.7 .6 showing signs of minor shearing. 80.1-81.9 Similar to last section. 45.7 cm **4** 5 9 5687 .6 80.7-82.2 81.9-83.2 30 cm Similar to last section; 82.6 - 83.2 m crumbly -82.2-83.8 < 5 5688 1.1 11 gougy (?) zone with moderately abundant quartz veining. Quartz-hematite veins @ 82.6 - 82.7 m. @ 60° to core axis.

KEDR-DAWON & ACCOCIATES ITD DIAMOND DOLL RECORD

Suite 206 - 310 Nicola St. Kar....s, B.C. Phone 374-0544

HOLE No. SF-83-4 SNOWFLAKE SHEET No. 7 of 8 PROPERTY_____ WIDTH CORE DEPTH DESCRIPTION SAMPLE No. Au LOST of SAMPLE Typical green, fine grained, Nicola andesite with < 15 cm 83.2-84.7 5 **<** 5 .7 5689 usual epidote alteration along with usual quartz ± 83.8-85.3 calcite + epidote veinlets. Some evidence of slickensides indicates minor shearing still present. Sulphide content low < 1%. Similar to last section. 84.7-87.7 18 < 5 .7 87.7-89.6 5690 Similar to last section. Core generally massive 85.3-86.8 5 27 5691 .6 but with small locally crumbly sections. 86.8-88.3 .6 5692 < 5 88.3-89.9 89.6-91.1 Similar to last section. 0 .6 5693 90 67 91.1-92 Similar to last section. 89.9-91.4 15.2 cm. **<** 5 .6 70 Similar to last section. Core locally quite 5694 92-92.9 30.4 cm 91.4-92.9 broken. 92.9-94.7 Similar to last section. Quartz veinlets not 30.4 cm common. One vuggy quartz vein @ 93.7 m. (2 cm. wide) 5695 **4**5 .8 395 92.9-95.4 with minor MoS_2 . This vein @ 60-70° to core axis.

KERR-DAWJUN & AJJOCIATES LTD. - CIAMCID DRILL RECORD St. 16-3 ola St. Kamboos B.C.

Kamloops, B.C. Phone 374-0544

HOLE No. _____SF-83-4 SNOWFLAKE SHEET No. 8 of 8 PROPERTY_____ WIDTH of SAMPLE CORE DEPTH SAMPLE No. DESCRIPTION LOST 94.7-95.4 Similar to last section - core quite broken. 60.9 cm Rock still consists of green, fine grained relatively massive Nicola porphyritic andesite with pervasive epidote. Sulphide content generally low. END OF HOLE

KFRR-DAWSON & ASSOCIATES LTD - DIAMOND DRILL RECURD

PROPERTY SNOWFLAKE

1 Vic St. Kamloops, B.C. Phone 374-0544

HOLE No. SF 83-5

DIP AND	AZIMUTH T	EST ected	Core Size	Total Depth64.6 m.	Sheet No of
Footage	Angle	Azimuth	Angle of Hole45° Claim Section	% Recovery 68% Elev. Collar Latitude 4 ± 51NW Departure 3 + 89SW	Logged by W. Gruenwa Date Begun Oct. 18/83 Date Finished Oct.20/83

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Auppb	Agppm	Cu.ppm	
0-24.3 m.		Casing						
24.3–27.4	3 m.	O.B. (?)						
2113 2111	3 1110	O.D. (:/						
27.4-30.4	1.5 m.	Started coring brown gray, clay rich mud (?)	5696	27.4–30.4	< 5	.7	48	
		containing small fragments of volcanic, &				·		
		sedimentary rock.	·					
30.4–32.6	l m.	Similar to last section-rock fragments locally						
		up to 1 cm. across.	5697	30.4–33.5	< 5	.7	45	
32.6–33.8	.6 m	Similar to last section, rock (?) appears to be						
		much like varved clay (-ie lake bottom sediment)						
		- possible bedding @ 45° to core axis, indicating						
		probable flat lying clay rich sediments.						
33.8-35.6	.6 m	Similar to last section - becoming dark gray						
		"claystone" @ 35.3 m.						
.35.6–36.8	.6 m	Similar to last section - dark gray clay.	5698	33.5-36.5	< 5	.9	48	
		<u> </u>						
<u> </u>		<u> </u>	<u> </u>					

KFPR-DAWSON & ASSOCIATES ITD. DIAMOND DOLL DECOND

- Su'*- 115 - 3111 ⊃la St. Kamioops, B.C. Phone 374-0544

SNOWFLAKE HOLE No. ____SF 83-5 SHEET No. $\frac{2}{}$ of $\frac{3}{}$ PROPERTY____ CORE WIDTH DEPTH DESCRIPTION SAMPLE No. LOST of SAMPLE Ag Cu 36.8-38.7 .6 m Similar to last section - becoming light-medium brown siltstone & fine grained sandstone @ 38.2 m. 5699 36.5-39.6 .6 42 Brown, siltstone, fine grained sandstone-semite 38.7-41.7 30 cm unconsolidated sediments. Few rock fragments. 5700 39.6-42.6 **<** 5 .6 35 41.7-44.8 < 15 cm Similar to last section except rock fragments of volcanics and intrusives becoming common @ 44 m. 5726 42.6-45.7 .6 **<**5 33 Poorly soiled, clay-silt rich sediment with small 44.8-47.8 2.4 m. rounded polymitic rock fragments. 47.8-49 1 m Similar to last section except larger rock fragments -no bedding observed. 5727 45.7-48.7 . 7 40 49-53.9 3.6 m Similar to last section-local clay, siltstone sections. 5728 48.7-51.8 < 5 . 5 38 53.9-55.4 0 Similar to last section-poorly sorted sediment. 5729 **<** 5 51.8-54.8 . 5 42 55.4-57.3 .3 m Similar to last section. 5730 54.8-57.9 5 40 .3

KERR-DAVIJON & AJJOCIATES LTD. - DIAMOND DRILL RECORD

Kamioops, B. Phone 374-05

HOLE No. SF 83-5 SHEET No. ____3____of ___3 SNOWFLAKE PROPERTY_ WIDTH SAMPLE No. CORE DESCRIPTION DEPTH AR CIL of SAMPLE LOST Similar to last section. Very poorly sorted 57.3-58.2 .6 m sediment. Brown, varved (?) clay zone. Fewer rock fragments 58.2-60.9 1.2 m 5731 5 . 3 42 57.9-60.9 noted. Very definite bedding noted @ 60.6 m. @ 60°- 65° to core axis. 60.6 - 60.9 m. - back into poorly sorted sediment. 60.9-61.5 .4 m Similar to last section. Large pebbles ≥ 3cm across. Clay to sandy matrix. Mixed coarse grained, poorly sorted, non stratified 61.5-63.3 1.5 m sediment and varved clay. End of section into sandy sediment with abundant rock fragments. 63.3-64 .4 m Only few volcanic pebbles recovered - rest washed **<** 5 .8 58 away. 60.9-64.6 5732 64-64.6 .4 m Similar to last section - only pebbles left. Sandy unconsolidated matrix washed away since 63.3 m. END OF HOLE

Suite

MERR-DAVISON & ASSOCIATES LID. - DIAMONU DRILL RECURD

Kamioops, B.C Phone 374-0544

	Р	ROPERTY	SNOWFLAKE	HOLE No. SF 83	-6
DIP AND	AZIMUTH		Core Size	33.5 m	1 2
	Cori	rected	Core Size	Total Depth	Sheet No of of
Footage	Angle	Azimuth	Angle of Hole45°	% Recovery	Sheet No
		_	Claim	Elev. Collar	Date Begun Oct.21/83
			Section	Latitude 6 + 07NW	Date Finished Oct.23/83
•			Bearing265° Az	Departure 5 + 10SW	Core Stored At

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au ppb	Ag ppm	Cu ppm	
0-21.3 m.		Casing						
	····	·						
21.3-22.2	.4 m	Dark gray to black graphitic argillite with clots						
		and stringers of fine grained pyrite. Evidence						
		of slickensides common often @ 5-20° to core axis.	5733	21.3-22.8	15 .	2.0	110	
		At 22 m 1/2 cm. wide pyrite bed @ 5° to core						
		axis. Some brecciation noted @21.9-22.2 with quartz		<u>-</u>				
		infilling.				-		
22.2-22.8	15.2 cm	Similar to last section - still noting pyritic			· · · · · · · · · · · · · · · · · · ·			
		beds and quartz stringers @ 5-10° to core axis.						
22.8–24	.7 m	Similar to last section.	5734	22.8–24.3	5	2.7	158	
24–24.6	15.2 cm	Similar to last section.	5735	24.3–25.9	5	1.0	140	
24.6–25.9	.4 m	Similar to last section.	5736	25.9–27.4	5	2.0	160	
25.9–26.5	0	Similar to last section. Pyritic beds @ 26 m. @						
		5-6° to core axis.						

KERK-DAWSON & ASSOCIATES LID. - DIAMOND DRILL RECORD

Suite 206 - 310 Nicola St. Kamloops, B.C. Phone 374-0544

PROPERTY_		SNOWFLAKE HOLE No	F 83-6		SHEET N	o. <u>2</u>	of	2
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
26.5–27.4	15.2 cm	Similar to last section except becoming arenaceous		,				
		by 26.9 m.						
27.4–28.9	15.2 cm	Similar to last section - bedding @ 5-10° to core		,				
		axis. Disseminated pyrite up to 2-3%, locally	5737	27.4-28.9	10	1.3	82	
		higher. Back into fine grained argillite.						
28.9–30.7	.4 m	Dark gray to black argillite - weakly to	5738	28.9–30.4	5	1.2	86	
		moderately graphitic argillite with disseminated						
		fine grained clots of pyrite.						
30.7–31.6	30 cm	Similar to last section. Pyrite content 3-5%	5739	30.4–32	₹ 5	1.0	98	
31.6–32.3	30 cm	Similar to last section. Pyrite occasionally seen						
		as stringers 70-80° to core axis.	5740	32–33.5	5	1.2	90	
32.3–33.5	30 cm	Similar to last section. Pyrite locally up to						
	30 4	5% + (clots and few stringers).						
		END OF HOLE	-			 		+
					ļ <u>.</u>			ļ
					-	-		

KERR-LAWSUN & ASSUCIATES LTD. - DIAMOND DRILL RECORD

Kamloops, B.C.
Phone 374-0544

DIP AND	AZIMUTH 1	rest
	Corr	rected
Footage	Angle	Azimuth
106.6 m.	-42°	
-		

PROPERTY SNOWFLAKE

HOLE No. SF-83-7

Core Size N.Q.	Total Depth 109.7 m	Sheet No
Angle of Hole45°	% Recovery 68%	Logged by W. Gruenwald
Claim	Elev. Collar	Date Begun Oct. 24/83.
Section	Latitude 5 + 28NW	Date Finished Oct.29/83.
Bearing265°	Departure 5 + 33SW	Core Stored At

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu
D-22.5 m.		Casing - overburden					
22.5–22.8	10 cm	Dark gray, very hard argillite (silicified?) with					
		fine grained pyrite disseminated throughout.	5741	22.5–24.3	15	1.0	158
		Pyrite content 2-3% Few fine quartz stringers					
		noted - hairline to 2mm. thick.					
22.8–23.4	30 cm	Similar to last section - core very broken.					
23.4–24.3	60.9 cm	Similar to last section - core very broken.				T	
24.3–25.6	60.9 cm	Similar to last section - core very broken.					
		Very fine grained pyrite - well disseminated 2-3%.	5742	24.3–25.9	30	1.0	160
25.6–26.2	45.7 cm	Similar to last section - core still very broken.					
26.2–27.1	60.9 cm	Similar to last section (broken). Arenaceous-	5743	25.9–27.4	10	1.0	114
		(coarser grained) band @ 26.5 @ 35° to core axis.					
		Disseminated pyrite in coarser grained section up					
		to 5%. Few quartz stringers 30-45° to core axis.					
							<u> </u>

KEPP-PAWSON & ASCOCIATES LTD. DIAMOND DRILL RECORD

Suite

·310 __1St. Kamloops, B.C. Phone 374-0544

PROPERTY.	SNOW	FLAKE HOLE No	SF-83-7		SHEET	No2	of13	3
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Çu	
27.1-27.7	45.7 cm	Similar to last section - core very broken, fine				•		
		grained pyrite ≥ 3-5%						
27.7–28.3	45.7 cm	Similar to last section-few pieces recovered show	5744	27.4–28.9	30	.7	100	
		abundant quartz-carb. stringers from hairline					<u> </u>	
		to 0.5 cm. wide @ 45° to 70° to core axis and						
		random attitudes.				-	-	
28.3–29.2	60.9 cm	Dark gray, fine grained, very hard argillite. Very						
		few quartz-carb. stringers in this section. Pyrite						
		content lower 22%.						
20 2 20 1	60.0	Similar to last section - very broken.	5745	28.9–30.4	30	.8	140	
29.2–30.1	60.9 cm	very broken.	3743	20.9-30.4	30	•••	140	
30.1-31	76.2 cm	Similar to last section-only fragments of dark grey						
		argillite recovered.					-	
31–32	76.2 cm	Similar to last section						
32–32.9	60.9 cm	Similar to last section-locally intense quartz +						
		carb. veinlets - pyrite 2-3% ⁺ .	5746	30.4–32	< 5	1.0	120	
32.9–33.5	45.7 cm	Similar to last section-only fragments recovered.	5747	32–33.5	10	1.0	156	
33.5–34.4	30.4 cm	Similar to last section-most of section is argillitic						
		mud & sand.	5748	33.5–35	10	1.2	150	
						<u> </u>]	

KERR-PAWSON & ASCOCIATES LTD. DIAMOND PRILL RECORD

Suite one - 310 Nima St. Kamkups, B.C. Phone 374-0544

PROPERTY	SN	OWFLAKE HOLE No.	SF-83-7		SHEET N	lo. <u>3</u>	of _13	
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
34.4-34.7	0'	Dark gray, brittle argillite with fine grained	-					
		disseminated pyrite 2-3%.						
34.7–35.9	15 cm	Similar to last section, few quartz - carb. stringers						
		noted @ 10° to 30° to core axis. Small brecciated	5749	35–36.5	< 5	1.9	244	
		veinlet @ 35 m. (1.5 cm. wide).						
35.9–37.1	30.4 cm	Similar to last section.	5750	36.5–38.1	< 5	1.6	197	
37.1–37.7	15 cm	Similar to last section.						
37.7–38.4	30.4 cm	Similar to last section-Core very broken. Showing						
		occasional graphite.						
38.4–39	30.4 cm	Similar to last section, scattered quartz ⁺ carb.	5751 e	38.1-39.6	< 5	1.5	184	
		content < 2%. Core still very broken.						
39–39.3	20 cm	Dark gray, brittle, broken argillite, minor pyrite and occasional quarts + carb. stringers.						
39.3–40.8	45.7 cm	Similar to last section, core very broken	5752	39.6-41.1	< 5	1.5	165	
40.8-42	30.4 cm	Similar to last section	5753	41.1-42.6	< 5	1.4	147	
<u></u>						<u> </u>		

KEDD-DAWCON & ASCOCIATES ITD. DIAMOND DOLL DECOND

Su#- 208 - 310 MI-pla St. Kamioops, B.C. Phone 374-0544

SNOWFLAKE SF-83-7 HOLE No. SHEET No. 4 _____ of ___ PROPERTY.... CORE WIDTH DEPTH DESCRIPTION SAMPLE No. Cu LOST of SAMPLE 42-42.9 Dark gray, variably graphitic argillite, locally 30.4 cm pyritic. @ 42.3 m bedding noted @ 15-20° to core axis. Abundant small scale "faults" along many of which are small veinlets. Pyrite content locally up to 3-4%. 42.9-44.1 91 cm Very broken, variably graphitic argillite. Mud from .43.8 - 44.1 m. 42.6-44.1 5754 30 1.6 142 44.1-46.6 2.2 m 44.1-47.2 Weakly graphitic argillite fragments & mud. 5755 30 1.2 46.6-48.1 1.3 m Similar to last section. 5756 47.2-48.7 30 136 1.3 48.1-48.7 30 cm Similar to last section-some moderately pyritic fragments. 48.7-49.6 45.7 cm Gray, broken argillite & fine grained light gray sandstone (?). Bedding attitude very prominant from 49 - 49.6 m. Bedding @ 0° to core axis-therefore at present drilling parallel to bedding plane of 5757 48.7-50.2 30 1.0 sediments. 49.3-49.6 m. gray gouge zone with abundant quartz material. Quartz + carb. vein @ 49.3 @ 25° to core axis.

KERR-DAWCON & ASSOCIATES LTD. - DIAMOND DAILL RECORD

Su 3 - 31 a St. Kamkoops, B.C. Phone 374-0544

SNOWFLAKE SF-83-7 SHEET No. ____ of ____ 13 HOLE No. PROPERTY_ CORE **WIDTH** DEPTH DESCRIPTION SAMPLE No. Cu LOST of SAMPLE Au Ag Argillite-sandstone (?), core fragments only recovered. 49.6-49.9 15.2 cm 49.9-50.5 Broken argillite-sandstone. Noted definite brecciation 30.4 cm of argillite @ 50 m. This is probably brecciation of sediment in early stages of consolidation. 5758 35 .8 68 50.2-51.8 50.5-51.2 30.4 cm | Similar to last section-very broken 51.2-52.1 60.9 cm Light gray, coarser sediments. Little or no argillite Core very broken, few quartz-carb. stringers noted. 52.1-52.7 30.4 cm Similar to last section. 5759 25 4.7 51.8-53.3 178 Similar to last section-some small scale faulting 52.7-53.6 60.9 cm noted of sedimentary laminae @ 52.8 m. 53,6-54.2 15.2 cm Pale gray green, fine grained siltstone→ sandstone(?) . 8 38 5760 20 53.3-54.8 with locally abundant quartz stringers often < 30° to core axis. 54.2-55.4 Similar to last section. Fine grained, disseminated 76.2 cm pyrite locally up to 3-4% (at 55.3 m). Fragmental sedimentary texture noted in places where fragments 5761 60 1.1 62 54.8-56.3 of dark gray argillite stand out in pale green matrix

KERK-UNWOUN & ASOUCIAIES LID. - DIAMOND UNILL RECURD

PROPERTY.	 	SNOWFLAKE HOLE No.	SF-83-7		SHEET No. 6		of1	of <u>13</u>	
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu		
55.4–56	30 cm	Similar to last section-core still very broken.							
56-56.3	15 cm	Similar to last section.							
56.3–56.6	7.6 cm	Similar to last section, Low sulphide content	5762	56.3-57.9	< 5	1.1	77		
56.6–56.9	17 cm	Similar to last section. Sulphides (pyrite) locally up to 3-5%.							
56.9–57.9	76.2 cm	Dark gray to black weakly graphitic argillite with quartz.							
57.9–58.8	76.2 cm	Similar to last section.							
58.8–59.4	45.7 cm	Pale green, gray, fine grained andesitic tuff with 1-2% fine-grained disseminated pyrite.	5763	57.9–60.9	5	1.0	88		
59.4-60.3	76.2 cm	Similar to last section-only pebbles recovered							
60.3-60.9	53 cm	Similar to last section-can see distinct sedimentary bedding in several pieces. May be dealing with intercalated sediments & andesitic tuffs.							

XERR-DAWSON & ASSOCIATES LTD. DIAMOND DRILL RECORD

Suite and 310 Minuta St. rámloops, d.C. Phone 374-0544

PROPERTY_		SNOWFLAKE HOLE No. SF-8	33-7	· · · · ·	SHEET 1	No7	of13	
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu ·	
60.9-61.8	60.9 cm	Similar to last section—only pebbles recovered	5764	60.9-62.4	5	1.0	56	
61.8-62.4	60.9 cm	Similar to last section-only pebbles recovered						
62.4-62.7	15.2 cm	Similar to last section— only pebbles recoverd Sedimentary (?) bedding @ 15° to core axis.	5765	62.4-64	5	.9	102	
62.7–63	15.2 cm	Similar to last section. Darker gray color, more argillitic.						
63–64	60.9 cm	Gray weakly graphitic argillite. Bedding @ 10-15° to core axis.						
64-64.9	45.7 cm	Similar to last section. Weakly bedded.	5766	64–65.5	5	1.3	130	
64.9–65.8	76.2 cm	Similar to last section. Weakly bedded.						
65.8–67.6	1 m	Pale green, medium grained andesite tuff with variable amounts of quartz-carb. veining. Last is "gouge zone". Some signs of local brecciation.	5767	65.5–67	5	.8	31	

KEDD-DAWSON & ASSOCIATES ITD. DIAMOND POUL DECODD

Suite 206 - 310 Nimla St. Kam..., B.C. Phone 374-0544

PROPERTY_	SNO	OWFLAKE HOLE No.	SF-83-7	 .	SHEET N	lo. 8	of <u>13</u>	
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
67.6–68.2	45.7 cm	Similar to last section-only pebbles recovered						
			5768	67–68.5	5	.9	43	
68.2–68.8	45.7 cm	Similar to last section.	5769	68.5–70	5	.9	55	
68.8–69.7	60.9 cm	Similar to last section.						
69.7–71	76.2 cm	Similar to last section except locally abundant	5770	70–71.6	40	2.1	55	
	,	quartz-carb veins & stringers between 69.9 and 70 m.						
		This area also shows brecciation involving the						
		andesitic tuff (?) and pieces of argillite all of						
		which are well veined.						
				,	· · · · · · · · · · · · · · · · · · ·	<u> </u>		
71–71.9	30.4 cm	Mixed andesite tuff & argillitic sediments.	ļ					
71.9–73.4	30.4 cm	Pale gray, weakly graphitic argillitic sediments	5771	71.6–73.1	30	1.5	78	
		Contains finely disseminated pyrite 2-3%. Abundant						
		signs of slickensides, often graphitic.						
73.4-73.7	15.2 cm	Pale gray-green breccia zone. Fragments of fine				ļ		
		grained pale green-gray volcanic (?) in a matrix						
		of dark gray material. Fine grained pyrite in both	5772	73.1–74.6	35	1.5	109	
		fragments & matrix.					 	
			<u> </u>			1	1	

KEDD-DAWSON & ASSOCIATES LTD. D

DIAMOND LOILL DECUDD

30.4 cm	Similar to last section. Similar to last section except breccia texture not as well defined. Similar to last section.	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
30.4 cm	Similar to last section except breccia texture not as well defined.	5773	7/. 4. 74. 2				
	as well defined.	5773	7/, 6, 76, 2				
15.2 cm		5773	71. 6 76 9		1	1	
15.2 cm	Similar to last section.	}	74.0-70.2	35	1.1	110	
	Dimital to last section.						
		5774	76.2–77.7	60	1.1	57	
I							
	Core quite broken. Quartz - gypsum + carb. veinlets	5775	77.7–79.2	20	1.0	107	
30.4 cm							
	possibly another localized breccia zone. Feldspar	5776	79.2–80.7	35	.8	45	
330	5.2 cm	Quartz carb. veinlets relatively common. Rock appears quite coarse grained (brecciated ?). Pale green-gray, fine grained relatively unaltered andesite tuff (flow ??).	Quartz carb. veinlets relatively common. Rock appears quite coarse grained (brecciated ?). Pale green-gray, fine grained relatively unaltered andesite tuff (flow ??). 5.2 cm Similar to last section. Sulphides generally < 2%. 5775 Core quite broken. Quartz + gypsum + carb. veinlets locally quite common. 5.4 cm Pale gray, medium grained feldspar rich "dyke" or possibly another localized breccia zone. Feldspar 5776 fragments up to 2-3mm. 5.2 cm Pale green-gray, medium grained, weakly bleached (?)	Quartz carb. veinlets relatively common. Rock appears quite coarse grained (brecciated ?). Pale green-gray, fine grained relatively unaltered andesite tuff (flow ??). 5.2 cm Similar to last section. Sulphides generally < 2%. 5775 77.7-79.2 Core quite broken. Quartz + gypsum + carb. veinlets locally quite common. D.4 cm Pale gray, medium grained feldspar rich "dyke" or possibly another localized breccia zone. Feldspar 5776 79.2-80.7 fragments up to 2-3mm. 5.2 cm Pale green-gray, medium grained, weakly bleached (?)	Quartz carb. veinlets relatively common. Rock appears quite coarse grained (brecciated ?). Pale green-gray, fine grained relatively unaltered andesite tuff (flow ??). 5.2 cm Similar to last section. Sulphides generally < 2%. 5775 77.7-79.2 20 Core quite broken. Quartz + gypsum + carb. veinlets locally quite common. D.4 cm Pale gray, medium grained feldspar rich "dyke" or possibly another localized breccia zone. Feldspar 5776 79.2-80.7 35 fragments up to 2-3mm.	Quartz carb. veinlets relatively common. Rock appears quite coarse grained (brecciated?). Pale green-gray, fine grained relatively unaltered andesite tuff (flow??). 5.2 cm Similar to last section. Sulphides generally < 2%. 5775 77.7-79.2 20 1.0 Core quite broken. Quartz + gypsum + carb. veinlets locally quite common. D.4 cm Pale gray, medium grained feldspar rich "dyke" or possibly another localized breccia zone. Feldspar 5776 79.2-80.7 35 .8 fragments up to 2-3mm.	Quartz carb. veinlets relatively common. Rock appears quite coarse grained (brecciated ?). Pale green-gray, fine grained relatively unaltered andesite tuff (flow ??). 5.2 cm Similar to last section. Sulphides generally < 2%. Core quite broken. Quartz + gypsum + carb. veinlets locally quite common. 5.4 cm Pale gray, medium grained feldspar rich "dyke" or possibly another localized breccia zone. Feldspar fragments up to 2-3mm. 5.2 cm Pale green-gray, medium grained, weakly bleached (?)

KEDD-DAWSON & ASSOCIATES ITD. DIAMOND POILL DECOND

, Suite 206 - 310 Nicola St. Kam..., B.C. Phone 374-0544

HOLE No. ______SF-83-7 SHEET No. 10 of 13 SNOWFLAKE PROPERTY____ WIDTH CORE SAMPLE No. DESCRIPTION DEPTH Cu of SAMPLE Ag LOST 30.4 cm | Pale green-gray fine grained andesitic tuff. Quartz-80.7-82.6 carb stringers scattered throughout @ random orient-80.7-82.2 5 . 6 29 ation. Sulphides (pyrite) generally < 2%. 5777 .9 45 5778 82.2-83.8 10 Pale green-gray, fine grained andesite tuff 82.6-84.4 0' . 7 38 intercalated with finely laminated dark gray cherty 83.8-85.3 **<**5 5779 siltstone beds. Appear to be drilling along the bedding plane. From 82.9 to 84.4 m. random quartz-carb. stringers up to 2-3mm. found throughout. Pyrite, disseminated 1-3%. Small displacement faults seem to offset darker alminae in numerous places. Similar to last section except only pebbles recovered 84.4-84.7 84.7-86.2 15.2 cm Similar to last section-better recovery. Fine 42 5780 85.3-86.8 . 7 grained pyrite-disseminated 1-2%. 15.2 cm | Similar to last section. Still noting prominant 86.2-87.1 dark gray laminae. These darker laminae are often the more pyritic units. .6 43 87.1-89.6 30.4 cm 5 Similar to last section except bleached and weakly 5781 86.8-88.3 5 .8 32 siliceous from 87.7 to 88 m. Randomly oriented 5782 88.3-89.9 quartz-carb. stringers found throughout-locally abundant.

KERK-DYMOUN & VOOUSTER ILD - DIVWOND DEITH BECORD

Suite 206 - 310 Nicola St. Kan B.C.

SNOWFLAKE HOLE No. SF-83-7 SHEET No. 11 of 13 PROPERTY... CORE WIDTH of SAMPLE DEPTH DESCRIPTION SAMPLE No. Ag Cu Similar to last section. Core quite broken. 89.6-90.2 30.4 cm Admixture of pale green-gray fine grained andesitic 90.2-91.7 30.4 cm 89.9-91.4 5783 30 . 8 36 tuffs and darker gray sediments or volcaniclastics. Evidence of locally intense faulting and shearing. Shear/quartz-carb. vein zone @ 91.5 m. @ 20° to c.a. 91.7-93.2 30.4 cm Pale green fine grained andesitic tuff. Crumbly (sheared) bleached & veined from 92.3-92.6m. Sulphide content generally ≤1-2%. 5784 91.4-92.9 . 8 27 93.2-94.7 15.2 cm Admixture of pale green, fine grained andesitic tuffs 92.9-94.4 5785 . 7 35 and darker gray fine grained volcaniclastics. Bedding or laminae appears @ near 0° to core axis. Intense quartz-carb veining (brecciation) @ 94.6 to 94.7 m. 94.7-96.9 15.2 cm Similar to last section. Intense quartz-carb veining from 94.9 to 95.5 m. In same section can see distinct microfault offsets of darker laminae. Some 5786 94.4-96 20 1.0 45 of veining is contemporaneous with late stage 5787 96-97.5 **〈**5 . 9 40 faulting. Veinlets (qtz-carb) often @ 45-60° to core axis, although randomly oriented veinlets are also common.

KEDD-DAWSON 2 ASSOCIATES LTD. - DIAMOND DRILL RECORD

SNOWFLAKE

Kamloops, B.C. Phone 374-0544

HOLE No. SF-83-7 ____of ____ PROPERTY____ SHEET No.____ CORE DEPTH WIDTH DESCRIPTION SAMPLE No. Cuof SAMPLE Ag Similar to last section 96.9-97.5 15.2 cm 97.5-100 15.2 cm Similar to last section. Still appear to be drilling . 8 5788 20 52 97.5-99 along bedding planes. Quartz-carb veining locally intense @ 97.9 m; 99.6 m. fine grained pyrite dissem-265 55 5789 99-100.5 . 8 inated throughout, generally 1%. 100-101.8 Similar to last section. Fairly intense quartz-carb 5790 1.1 48 60 100.5-102 veining and locally brecciated from 100 to 101 m. Microfault offsets of darker laminae noted. Drusy quartz @ 100.8-101.4 m. along with pale pink alunite(?) Vein here is drusy and approx. 2 cm. wide. Pyrite content increasing to 2-3%. Up to 5% from 101.4 to 101.8 m. 101.8-104.2 Admixture of pale green-gray fine grained andesitic tuff, darker gray sediments (cherty) & light browngray bleached tuffs. Ordinary green-gray tuffs predominate. Quartz-carb. veinlets not intense but 5791 110 1.0 96 102-103.6 scattered throughout @ 30-65⁰ to core axis. Small 1.0 20 5792 30 103.6-105 pyritic gouge zone @ 103.6 m @ 40° to core axis. 104.2 m. slickensides noted @ 30° to core axis

KERR-DAWSON & ASSOCIATES ITD. - DIAMOND DRILL DECORD

Suite 206 - 310 Nicola St. Kamk 3.C. Phone 374-0544

HOLE No. SF-83-7 SHEET No. 13 of 13 SNOWFLAKE PROPERTY___ CORE **DEPTH** WIDTH DESCRIPTION SAMPLE No. of SAMPLE Cu Au Ag 104.2-106.6 15.2 cm Pale green-gray, fine grained andesitic tuffs with minor darker gray cherty bands. 104.2-104.8 pale 5793 105-106.6 20 1.0 72 brown-gray almost silicified zone. 104.8-105.7 regular andesite tuff. 347-349.5'-pale gray medium-coarse ground tuff(?) bounded by fault gouge @ 106.5 m @ 45° to core axis. 30.4 cm Light green, very fine grained intercalated cherty 106.6-107.2 106.6-108.2 220 5794 1.0 55 andesite tuff and dark gray cherty bands. Laminae 5-10° to core axis. Pyrite 4% Similar to last section except 107.7 - 108.5 m. 107.2-108.5 15.2 cm quite pyritic. Massive pyritic quartz-carb veins @ Both fine & coarse veinlets and 107.7 - 108 mveins are pyritic. 108-108.5 disseminated pyrite in andesitic tuff (5-6%). Similar to last section. Intercalated light green 108.5-109.7 15 cm andesitic tuff and darker gray seds.(?). Pyrite 5795 180 1.6 52 108.2-109.7 content highly variable. Darker laminae (bedding) at 109.5 m. @ 5° to core axis. Small patch of semimassive, granular pyrite in last 15.2 cm. END OF HOLE

KERR-DAWSON & ASSOCIATED LTD. - DIAMOND DRILL RECORD

Suite 1 = 210 Victorio St.

Kamloops, B.C.

Phone 374 0544

PROPERTY SNOWFLAKE

HOLE No. SF-83-8

DIP AND AZIMUTH TEST									
	Corr	Corrected							
Footage	Angle	Azimuth							
88.3 m.	-86 ^p								

Core Size	NQ
	-90°
•	
	-

Total Depth 91.44 m	5
% Recovery91%	ι
Elev. Collar	C
Latitude 5 + 28NW	(
Departure 5 + 33SW	(

Sheet	No	1	of	10
	by .W			
Date 8	3egun	ct.	30/8	3
Date I	inished	Nov	. 2/8	33
Core S	Stored A	t	•••••	

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au ppb	Ag ppm	Cu ppm	
0-10.6 m.		Casing						
10.6–11.8	15.2 cm	Weakly limonitic, dark gray andesitic tuff and /or						
		gray wacke. Quartz-carb. veinlets from 11.7 to	5796	10.6–12.1	〈 5	1.1	94	
		11.8 m. Rusty fractures common.						
110 10 /	15.7	•						
11812.4	45.7 cm	Pebbles of dark gray argillite and possible gray						
		wacke. Disseminated pyrite up to 2-3%.						
12.4-13.4	15.2 cm	Dark gray argillite 41-43'; Quartz veinlets 5-15°						
	-	to core axis. Fine grained wacke (?) 13.1-13.4 m.	5797·	12.1-13.7	< 5	2.2	82	
13.4-14	30.4 cm	Dark gray vol./sed. wacke with disseminated pyrite						
		2-3% +.					-	
14-14.6	50 cm	Few pebbles similar to last section recovered.						
14.6–15.2	49 cm	Similar to last section.	5798	13.7–15.2	4 5	1.0	85	
		·						

KEDD_DAWSON & ASCOCIATES ITD. - DIAMOND DRILL RECORD

SHEET No. 2 of 10 SF-83-8 SNOWFLAKE HOLE No. ____ PROPERTY_ WIDTH SAMPLE No. CORE DESCRIPTION DEPTH Ag Cu of SAMPLE LOST Similar to last section, becoming more coarsely 15.2-16.4 45.7 cm < 5 1.2 116 15.2-16.7 fragmental. Sedimentary & volcanic fragments up 5799 to 3 cm. across. 1.1 <.2 118 Intercalated pyritic argillite @ 15.3-15.4 m. 5800 16.7-18.2 16.4-18.5 to core axis. Another argillite bed @ 15.8 m.@ 30° to core axis. Pyrite disseminated throughout from 2-3%. Few quartz-carb. stringers @ 30-45° to core axis.. **<** 5 1.0 92 Similar to last section. Coarse gray wacke to 18.7 m. 18.2-19.8 18,5-20,1 5801 Moderately quartz-carb. veined argillite and arenaceous sediments from 18.7-20.1 m. **<** 5 20.1-21.6 Dark gray, massive, hard weakly pyritic argillite 5802 1.0 82 19.8-21.3 & minor fine grained wacke. Disseminated pyrite 2-3% -. Crumbled zone @ 21.4-21.6 m. (possible fault?) Bedding planes @ 30-40° to core axis. Some pyritic argillite noted @ 21.3 m. Similar to last section. Distinct bedding @ 35° to 21.6-23.4 5803 21.3-22.8 < 5 1.0 107 core axis. 21.6-22.2 m.some pyrite is bedding controlled 5804 22.8-24.3 **<** 5 .6 70 21.6-21.8 crumbled zone with abundant quartz veining & 4-6% $\frac{+}{-}$ pyrite.

KEPP-PAWSON & ASSOCIATES LTD. DIAMOND DRILL RECORD

Phone 374-0544

SNOWFLAKE SF-83-8 SHEET No. 3 of 10 HOLE No. PROPERTY_ CORE DEPTH WIDTH DESCRIPTION SAMPLE No. LOST of SAMPLE Au Cu Ag 23.4-26.2 Similar to last section - predominantly argillite, 30 .8 123 Pyrite pervasive, however quite noticable @ 24.6-25 m. 5805 24.3-25.9 (3-5%). Found disseminated and as stringers. 25-26 m. rock is more fine grained arenaceous rock and fine grained gray wacke. Quartz-carb. veinlets not very common. Medium gray, fine grained massive argillaceous arenite. 26.2-29.2 **7** 5 Weakly bedded except @ 28-28.6 where bedding is @ 45-25.9-27.4 . 9 56 5806 50° to core axis. Pyrite found disseminated **く**5 5807 27.4-28.9 . 7 59 throughout however it is most common from 28 - 28.6 m. (3-5%). 15.2 cm | Dark gray argillite & graphitic argillite. Quite 29.2-30.4 pyritic (coarse grains) from $29-29.7 \, \text{m} \cdot (4-5\%)$. 29.75808 28.9-30 10 1.0 103 30 m. very crumbly broken graphitic argillite, also quite pyritic. 15.2 cm | Crumbly, broken argillite, weakly graphitic argillite 30.4-31.3 5809 30 - 3210 1.0 122 and minor arenaceous rock. Disseminated pyrite 3-4%Similar to last section. Few quartz-carb. stringers 31.3-32.6 15.2 cm 32 - 33.5**<** 5 and blebs present. 5810 1.1 75

KERR-PAWSON & ASSUCIALES LID. - DIAMOND LRILL RECURD

Suit - 31(la St. Kamkoops, B.C. Phone 374-0544

PROPERTY_		SNOWFLAKE HOLF No SI	F-83-8	er me <u>na</u>	SHEEL	N8. 4	<u> </u>	
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
32.6-33.5	15.2 cm	Similar to last section - core quite broken. Bedding						
	<u></u>	at 45° to core axis.						
33.5–34.7	15.2 cm	Mixed dark gray, variably bedded argillite and minor	5811	33.5–35	20	1.2	92	
		light gray arenaceous rock & or fine grained gray						
		wacke. 34-34.7 m. quartz-carb. veining quite common						
-		and disseminated pyrite (4-5%)						
34.7–35.3	45.7 cm	Dark argillite pebbles recovered.						
35.3–37.1	76.2 cm	Dark gray, soft, quartz + carb. rich graphitic	5812	35–36.5	55	1.5	178	
		argillite-shear zone. Core is quite soft and	5813	36.5–38.1	50	1.2	85	
		crumbly. Abundant evidence of slickensides and			-			
		brecciation. Qtz-carb. veining is weak. Pyrite~2-3%	5					
37.1–38.1	45.7 cm	Similar to last section. Crumbly-sheared graphitic argillite.						
38.1–38.4	15.2 cm	Harder bedded argillite fragments-appear to be out						
		of fault/shear zone.						
38.4–39.3	15.2 cm	Dark gray, more massive, brittle argillite. Pyrite	5814	38.1–39.6	50	1.6	154	
		disseminated and in quartz-carb. veinlets. Pyrite						
		from 2-5%. Bedding @ 30° to core axis. Qtz veining						
		weak.						

KEPP - PAWSOM & ASSOCIATES LTD. DIAMOND DOLL DECCED

SNOWFLAKE

Phone 374-0544

SF-83-8 SHEET No. 5 of 10 PROPERTY. HOLE No. _____ WIDTH of SAMPLE CORE DEPTH DESCRIPTION SAMPLE No. Ag Cu LOST Similar to last section-hard brittle, semi siliceous 39.3-40.8 argillite. Abundant pyrite from 40 - 40.8 m (5-6%)5815 39.6-41 100 1.6 249 40.6 m. Quartz-carbonate breccia zone. 40.8-42 15.2 cm Dark gray variably graphitic and broken argillite fire assay (oz/ton) .066 1.13 40.8 - 41.1 m. abundant quartz-pyrite veins and breccia 5816 42-42.6 2040 > 20.0 300 infillings. Small shear zone @ 41.4 . Carb content low 42-43.8 Dark gray, well bedded variably pyritic argillite. Few quartz-carb. veinlets noted-generally 45° to core axis. Bedding laminae @ 30-35° to core axis. fire assay (oz/ton) 1.05 12.0 41.6 m. -chalcopyrite noted in \(\frac{1}{2} \) cm. wide quartz-carb. >1000d > 20.0 5817 2900 42.6-44 veinlet. Pyrite content generally 23%, local semi massive patches of pyrite up to 1 cm. across. 43.8-46 15.2 cm Medium to light gray bleached & weakly silicified 5818 44-45.7 380 6.6 380 volc./sed. fragmental. 43.8 - 44.1 bedded, pyritic dark gray argillite as in last section. Contact with bleached unit below is irregular and at approx. 40-45° to core axis. 44.3 - 44.6 m. darker green-gray volcanic fragmental with argillitic fragments. 446.5-46 m. pale gray bleached unit. Pyrite is disseminated and in quartz-carb. veinlets. Veins from 20-45° to core axis and vary in thickness from 1 mm. to 1 cm. 44.8-45 Quartz vein(s) with pyrite and chalcopyrite vein(s) nearly parallel to core axis. Carbonate content for section is low.

KERR-DAWSON & ASSOCIATES LTD. - DIAMOND UNILL RECURD

Suite 200 - 310 ivicuia St. Kamloops, B.C. Phone 374-0544

SNOWFLAKE SF-83-8 PROPERTY_ SHEET No. _____6 of ____10 HOLE No. CORE DEPTH WIDTH DESCRIPTION SAMPLE No. of SAMPLE Au Cu 46-49 Similar to last section except becoming a definite 0 green agglomerate at 48 m. contact with pale unit \sim 30-45 $^{\circ}$ to core axis. (irregular contact). 45.7-47.2 5819 55 1.7 195 Agglomerate rock fragments appear to be fine grained 5820 47.2-48.7 25 1.4 129 intermediate volcanics some of which show porphyritic texture. Quartz + carb. veinlets common between 46 - 46.6: @ $20-30^{\circ}$ to core axis.Pyrite content~2-3% max. 49 - 52 Medium green-gray polymictic agglomerate. Volcanic fragments often show rounded edges and vary from 5821 48.7-50 240 5.5 129 0.5 cm. to \rangle 3 cm. across. Pyrite found as 50-51.8 5822 1000 18.9 443 disseminations, clots & in quartz veinlets. Pyrite content highly variable 2-5%. 51 - 51.8 m Chalcopyrite/ pyrite noted. 49.9 - 51.2 several long quartz/pyrite veins at or nearly parallel to core axis. Veining not intense ≤ 5% of rock. 51.8 - 52 m-massive darker green volcanic material. Overall carb, content is low. 1.7 171 70 Medium to dark green andesitic (?) agglomerate with 5823 51.8 - 53.30 52-55 intercalated fine grained tuffs & flows. Pyrite content variable-from 2-5%. 52.5 - 53.3 darker green 195 4.1 104 5824 53,3-54,8 fine grained bedded tuff (?) with bedding @ 45-50° to core axis. 54.2 - 55 pale green, fine grained, weakly bleached agglomerate. Pyrite content generally low except in the dark green f. grained sections. Few quartz + carb veinlets observed.

XERT - PANYSON & ASSOCIATES AND DIAMOND DELL RECORD

Suite 310 St. St. Kamloops, B.C. Phone 374-0544

PROPERTY		SNOWFLAKE HOLE No.	SF-83-8		SHEET No. 7		of10	
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
55-58-2	0	Pale green gray, fine grained agglomerate & tuff.	5825	54.8-56.3	90	1.3	66	
		Pyrite disseminated-generally < 2-3%. Quartz vein	5826	56.3–57.9 [,]	190	2.5	151	
		from 0-45° to core axis. 56.3 m-chalcopyrite.						
58.2–61.5	0	Pale green-gray, weakly bleached andesitic						
		agglomerate and tuff. Vague fragmental texture						
		seen in a few places. Quartz veining not common.	5827	57.9-59.4	30	1.0	7.5	
		Pyrite content decreasing-generally < 2%. Noted minor	5828	59.4-60.9	30	1.1	7.5	
		scattered grains of molybdenite @ 59 - 60.3 m.(found in						
		quartz-pyrite veinlets).						
61.5-64.6	15.2 cm	Similar to last section up to 63 m. Few quartz +						
		pyrite veins from 62 - 63 m. often at low angles to	5829	60.9-62.4	105	1.4	94	
		core axis ($\langle 30^{\circ} \rangle$). 63.3-64 m. intense quartz-carb.			100			
·	·	veining. Pyrite content low. 62.4 m.chalcopyrite	5830	62.4–64	330	2.1	217	
		and minor molybdenite in low angle quartz-pyrite						
		vein.						
64.6–67	0	Medium green, massive unaltered to weakly altered	5831	64-65.5	35	.8	91	
		fine to coarse andesitic agglomerate. Quartz	5832	65.5–67	30	.9	132	
		veinlets not common. ($<5\%$). Pyrite content low $<2\%$.						
·								

KEDD-DAWSON & ASCUCIATES ITD. - DIAMOND DDILL DECODD

Suite 206 - 310 Nicola St. (amk 3.C. Phone 374-0544

SF-83-8 SNOWFLAKE SHEET No. 8 of 10 PROPERTY_ HOLE No. CORE WIDTH DEPTH DESCRIPTION SAMPLE No. LOST of SAMPLE Au Ag Cu 67-70 Similar to last section. 69.6 m. brecciated quartz-0 · carb. vein @ 30° to core axis, contains galena and straw colored sphalerite. 67-68.5 5833 60 1.0 60 68.5-70 5834 20 1.3 58 70-73.1 Pale gray to pale green, medium to very coarse agglomerate. Fragments to 5 cm. across. Quartz 5835 70-71.6 55 1.6 63 veinlets generally at low angles to core axis. 5836 71.6-73.1 40 1.3 170 Pyrite content low - generally < 2%. Similar to last section except becoming pale 73.1-76.2 15.2 cm brown-gray. Weakly bleached, volcaniclastic tuff at 74.9 m. Pyrite content at least 2-3%. 73.1-74.6 5837 295 2.4 343 Quartz content increasing. Veins generally $\sqrt{45^{\circ}}$ 74.6-76.2 5838 7.8 400 667 to core axis. 73.7 m. Quartz - carb. vein (1 cm. wide) containing semi-massive pyrite and minor chalcopyrite 76.2-77.4 15.2 cm Similar to latter portion of last section - green mafic clots set in a fine grained pale green-brown 5839 76.2-77.7 1.5 .9 49 matrix - probably an altered andesitic tuff. Pyrite content 2-3% Noting presence of hematite on fractures and in quartz + carb. veinlets

KEDD-DAMOND & YECUCIATES I.D. DIVAGOND DOILL DECUDD

Suite 206 - 310 Nicola St. Karn B.C. Phone 374-0544

HOLE No. ____SF-83-8 SNOWFLAKE SHEET No. 9 of 10 PROPERTY____ CORE WIDTH DEPTH DESCRIPTION SAMPLE No. LOST of SAMPLE 77.4-78.9 Similar to last section -becoming darker green 15.2 cm and more firmly quartz and hematite veined at 5840 . 7 77.7-79.2 78.4 to 78.9 m. 78.9-79.8 15.2 cm 5841 79.2-80.7 90 . 8 6 Dark green, well fractured hematitic andesite (?) tuff. Finely quartz veined and fractured. Pyrite ≤ 2%. 79.8-80.4 15.2 cm Similar to last section - beginning to note epidote in addition to hematite. 80.4-82.2 15.2 cm Similar to last section. 5842 80.7-82.2 18 . 7 82.2-84.4 15.2 cm Similar to last section except going back into 82.2-83.8 pale green-brown, weakly bleached, fractured **4** 5 5843 30 quartz veined tuff @ 83.5m. (gradational contact). 83.8-85.3 **<** 5 5844 .8 37 84.4-85.9 15.2 cm Medium green, fine grained fractured andesitic 85.3-86.8 15 6 flow or tuff. Finely quartz-hematite veined and 5845 . 7 hematite on fractures. Pyrite content < 2%.

KERK-DAMSUN & VECODI DIN DIN BELCODI

Suite and 310 Nilania St. Namiocus, p.C. Phone 374-0544

PROPERTY_		SNOWFLAKE HOLE No.	SF-83-8		SHEET N	lo. 10	of1	0
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
85.9-87.4	15.2 cm	Similar to last section. Randomly oriented fine						
		quartz stringers form <5% of the rock.	5846	86.8-88.3	5	. 7	47	
87.4–88	15.2 cm	Similar to last section. Variable epidote content.						
88 – 89.9	15.2 cm	Similar to last section. Minor epidote. Hematite						
		still present on fractures and in quartz veinlets.	5847	88.3–89.9	< 5	. 7	37	
		Rock still finely fractured. Pyrite content - 2%.						
89.9–90.5	30.4 cm	Similar to last section.	5848	89.9–91.4	410	1.7	251	
90.5-91.4	91.4 cm.	No core because core tube didn't lock.						
		END OF HOLE.						
					L			
			<u> </u>					
							 	
-								
							ļ	
							ļ	
							<u> </u>	
			1				<u> </u>	

KERR- DAWSON & ASSOCIATES LID. - DIAMOND DRILL RECORD

Suite 1 - 219 Victoria St.
Kamloops, B.C.
Phone 374-0544

PROPERTY SNOWFLAKE HOLE No. SF-83-9

DIP AND AZIMUTH TEST Corrected									
Footage	Angle Azimuth								

Core Size	Total Depth 72.2 m	Sheet No
Core Size	% Recovery 74%	Logged by W. Gruenwald
Claim	Elev. Collar	Date Begun Nov. 6/83
Section	Latitude 5 + 18NW	Date Finished Nov 8/83.
Bearing	Departure 5 + 13SW	Core Stored At

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au ppb	Ag ppm	Cu ppm	
0 - 9.1 m.		Casing (overburden).						
						<u> </u>		
.9.1–11.2	15.2 cm	Medium to dark green andesitic agglomerate (Nicola).						
		Fragments up to 2 cm. across. Pyrite content	5849	9.1-10.6	70	1.1	108	,
		1-2% maxlimonite common on fracture faces.	5850	.10.6–12.1	1565	_10.6	781	
		Quartz-carb. veinlets - 1cmusually @ 45-60° to						
		core axis.						
	ļ							
11.2-12.1	30.4 cm	Limonitic, highly weathered & locally pyritic						
		andesitic agglomerate. Last 45.7 m.is highly oxidized						
		and contains pyrite in low angle (\$30° to core axis)						
		brecciated quartz veins(?). Pyrite content (5-6% +)						
12.1-13.5	15.2 cm	Similar to last section-agglomeritic texture still						
			5851	12.1-13.7	294	2.0	117	
		limonite vein @ 13 m. @ 30-40 to core axis, vein					·	
		approz. 1 cm. wide and contains semi massive clots						
		of pyrite. Last 15 ^{cm} also contains semi-massive						
		pyrite.						
						· .		

KERR-DAWSON & ASSUCIALES LID. - DIAMOND WAILL RECURD

Suite zwi - 310 miwla St. Kamloops, B.C. Phone 374-0544

PROPERTY_	Y SNOWFLAKE HOLE No. SF-83-		83-9		SHEET N	Vo. 2	of	11
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
13.5–16.4	15.2 cm	Similar to last section. Few low angle (< 40°)						
		quartz ⁺ carb. + pyrite veinlets scattered through						
		section. 13.7-14 m. highly pyritic (~10%) agglomerate-				ļ		
		pyrite is very fine grained and found generally in	5852	13.7–15.2	20	1.2	108	
		matrix of rock (between fragments).	5853	15.2–16.7	130	2.1	172	
	· · · · · · · · · · · · · · · · · · ·	16 m1.5cm. highly oxidized pyritic vein (?)						
	<u>.</u>	@ 10-15 ⁰ to core axis.					ļ	
			fire assay	(oz/ton)	(.46)	(2.74)		
16.4-19.5	15.2 cm	Similar to last section except with increasing	5854	16.7-18.2	> 4000	> 20.0	548	
		amount of less limonitic agglomerate. Large	5855	18.2-19.8	190	1.9	91	
		quartz-carbpyrite vein at 17.6-17.9m(-). Vein						
		appears to be at approx, 20° to core axis + and						
		contains up to 10-15% pyrite with minor chalcopyrite						
		and suspect spalerite-galena. Last 15 ^{cm} of vein						
		shows intense brecciation and limonite alteration.				<u> </u>		
		Rock becoming less limonitic from 18.5 to 19.5 m.			·			
		fracture faces are still limonitic however.						
		The last 91 are also becoming more light gray-almost						
		bleached in appearance.				<u> </u>	 	1
						ļ	ļ	
19.5–21	15.2 cm	Pale gray mixed agglomerate and fine grained brittle	5856	19.8-21.3	75	1.1	62	
		tuff or flow (?). Agglomerate from 19.5-20m-moderately					-	
		quartz veined (5% of rock). 20-21 mpale gray.						
		fine grained, bleached (?) tuff-flow. Moderately			·	<u> </u>	<u> </u>	
		abundant randomly oriented quartz veinlets. Contact				ļ		
		with agglomerate is sharp @ 30°+ to core axis.						
					1			

KEDD-DYMOND & YECOCIVIES I.D. DIVINOND DOILL DECUDD

Suite 206 - 310 Nicola St Karr B.C. Phone 374-0544

SF-83-9 SHEET No. 3 of 11 SNOWFLAKE HOLE No. ----PROPERTY_ WIDTH CORE SAMPLE No. DEPTH DESCRIPTION of SAMPLE LOST Pyrite content low 1-2% in both rock types. cont'd 19.5-21 Limonite now only on fracture faces. Last 15 cm is quite highly veined and crumbly-possible shear zone. 21-22.2 Pale green-gray bleached and silicified agglomerate. 5857 18 1.0 53 30.4 cm 21.3-22.8 Core is quite broken and shows abundant quartz veining. Pyrite content generally low < 2%. Possible shear from 21-21.3 m. Limonite no longer seen in any quantity. 22.2-22.8 15.2 cm Similar to last section-locally coarse agglomerate and can see fine mafic (?) porphyritic texture in some of the volcanic fragments. Few low angle $(<35^{\circ})$ quartz $\stackrel{+}{-}$ carb. veinlets noted. 22.8-24.3 15.2 cm Pale gray-green, weakly bleached and locally brecciated agglomerate. Rock still appears bleached and altered. Many of fragments surrounded 22.8-24.3 5858 2.4 86 135 by pale pink-brown amorphous material. Quartz-carb. veining erratic; several veins up to >1cm. wide. Most veins $\le 30^{\circ}$ to core axis. Pyrite content low (≤1%) except in vein @ 23.9 to This vein is associated with crumbly zone (shear) and contains some dark gray fine grained metallic grains (galena?)

KERR-DAWSON & ASSOCIATES LTD. - DIAMOND DRILL RECORD

Suit - 31(Kamloo

- 31(a St. Kamioops, B.C. Phone 374-0544

PROPERTY_	····	SNOWFLAKE HOLE No.	SF-83-9		SHEET	No	4 of 1	1
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
24.3–25.9	30.4 cm	Similar to last section-pale grey-bleached agglomerate						
		with the pale pink-brown matrix infilling noted in	5859	24.3–25.9	100	1.5	52	
		last section. Greenish agglomerate from 24.3-24.6 m.						
		Quartz veining (randomly oriented) found throughout						
		section. Last 30 ^{cm} is highly veined, broken and						
		sheared. Pyrite content generally low (<1-2%).						
25.9–27.4	30.4 cm	Pale gray, very fine grained tuff (?). No evidence	5860	25.9–27.4	40	2.3	79	
		of agglomeritic texture. Pyrite content low≤1%.						
		Core quite broken and weakly veined.					-	
27.4–28.9	15.2 cm	Similar to last section. Core still quite broken.						
		Locally pyritic at 28 m. (3-4% pyrite)	5861	27.4–28.9	20	1.6	55	,
							<u> </u>	
28.9–30.7		Similar to last section up to 30 m.					<u></u>	
ļ		30 - 30.7 m. is medium green-gray, fine grained					<u> </u>	ļ
		finely laminated cherty tuff. Quartz veining	5862	28.9–30.4	40	1.3	110	
<u> </u>		variable however, most abundant from 30.3 - 30.7 m.						
	i	veins @ 45-60° to core axis.					<u> </u>	
-		Bedding laminae at 30° to core axis.						
		· · · · · · · · · · · · · · · · · · ·			 			
						_		
			·					ļ
						1		

KERR-DAWSON & ASCOCIATES ITD. DIAMOND DRILL RECORD

Suite 206 - 310 Nicola St. Kamichne B.C. Phone 374-0544

SF-83-9 SHEET No. 5 of ______ of _____ 11 SNOWFLAKE HOLE No. ____ PROPERTY____ WIDTH CORE SAMPLE No. DEPTH DESCRIPTION LOST of SAMPLE Ag 30.7-31.3 60.9 cm Gray, fine grained, weakly brecciated and variably 1.9 quartz veined finely laminated cherty tuff (?). 80 197 5863 30.4-32 Pyrite content 2-3%; locally greater. 45.7 cm | Similar to last section. Bedding laminae @ ≤10° to 31.3-32 core axis. Pyrite 1-2%-locally greater. 32-32.3 15.2 cm 50 1.2 72 Similar to last section-only pebbles recovered. 5864 32-33.5 Pale gray, broken, weakly bleached and agglomerate. 60.9 cm 32.3-33.2 Few quartz ⁺ carb. veins, Pyrite ≤ 1%. 33.2-33.8 45.7 cm Similar to last section. Pebbles recovered. 33.8-34.1 15.2 cm Similar to last section. Some quartz + carb. 110 2.6 226 5865 veining noted in pebbles. 33.5-35 34.1-35.9 60.9 cm Mixed dark gray quartz veined, fine grained cherty argillite (?) from 34.1-35. Pyrite 1-3%. Possible 60 2.5 65 5866 fault zone @ 35 m. -low angle to core axis. All of 35-36.5 above section shows brecciation and microfaulting. 35-35.9 m.-Pale green-gray, weakly bleached and pyritic agglomerate. Pyrite 2-3%, Locally ≤ 5%. Possible MoS. @ 35.3-35.6 m. Core very broken

KEPT - PAWSON & ASSOCIATES ITD. DIAMOND DOUL DECODD

Suite 206 - 310 Nicola St. amlo C. Phone 374-0544

PROPERTY.		SNOWFLAKE HOLE No. SF-	83-9	<u> </u>	SHEET No. 6 of			11
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	1
35.9–36.8	30.4 cm	Gray-green, very broken possibly sheared altered						
		agglomerate. Disseminated pyrite 2-3%. Locally						
		abundant fine quartz veinlets and veins especially						
		in last 30 cm.				 		
36.8–38.7	45.7 cm	Green weakly altered agglomerate. Several large						
		quartz-pyrite veins between 37.7-38.7 m. with						
		pyrite locally to 10%. Possible galena in these						
		veins along with minor chalcopyrite. Veins though	5867	36.5–38	105	5.5	210	
		irregular appear to be at \sim 35° to core axis.	5868	38-39.6	285	11.9	41	<u> </u>
		Evidence of shearing over last 45.7 ^{cm} of section.						
38.7–39.6	30.4	Pale gray-green broken weakly bleached agglomerate.						<u> </u>
		Pyrite content ≤ 2%. Quartz veining not intense						
		39.4 to 39.6 m pale gray gouge zone.						
39.6–41.7	15.2 cm	Pale gray-green weakly bleached agglomerate and				 		
	,	locally veined green coarse agglomerate. Quartz +	5869	39.6–41	215	1.3	57	
		carb. veins generally at low anglesto core axis.	5870	41-42.6	375	1.1	30	
		Pyrite content generally low (1-2%).						
						ļ		
						-		
					 			
	- <u>-</u>		<u> </u>			<u></u> _		<u></u>

KERR-DAWSON & ASSOCIATES LTD. - DIAMOND DRILL RECORD

Suit -

- 31(a St. Kamloops, B.C. Phone 374-0544

PROPERTY_	SNOWFLA	HOLE No. SF	83-9		SHEET N	lo7	of	11
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
41.7–42.6	15.2 cm	Medium green, mottled, weakly altered and broken andesitic agglomerate. Pyrite < 1-2%. Minor						
		quartz veining.						
42.6-43.8	30.4 cm	Similar to last section plus some pale gray green						
		fine grained bleached looking tuff. Core very						
		broken.	5871	42.6-44	100	1.0	53	
43.8-44.8	30.4 cm	Similar to last section. Bleached, veined tuff from						
		43.8 to 44 m. Noting minor hematite on fracture faces.	5872	44-45.7	55	1.5	49	-
44.8-45.7	76.2 cm.	Dark gray, highly fractured chert or cherty tuff.						
		Finely and randomly quartz+carb. veined. Pyrite						
	,,, , =-	content low ≤1%.						
45,7-46.9		Green to pale green-gray fine grained, weakly	fire assay	(oz/ton)	(.072)	(.52)		
	·	altered tuffs & agglomerate. Last 30 cm is pale gray-	5873	45.7-47.2	2050	17.0	490	
		green tuff-fragments - lmm. across. Low pyrite						
		content < 1-2%.						-
.46.9–48	1 m	Pale gray, weakly-moderately altered tuff. Gouge			·			
		zone; veining from 46.9 - 47.8 m. Fragments in						
		gouge zone show brecciation & intense veining						
		some of which contains pyrite, chalcopyrite and						
		galena. Veining often appears parallel to core axis.	5874	47.2-48.7	135	1.7	181	
		however randomly oriented veinlets are also common.						<u> </u>
			<u> </u>	<u>l</u>	<u> </u>	1		

KERR-PAWSON & ASSOCIATES ITD. - DIAMOND DRILL RECORD

Suite 206 - 310 Nicola St. Kamkonn R.C. rinone 374-0544

HOLE No. ____SF-83-9 SHEET No. 8 of 11 SNOWFLAKE PROPERTY___ WIDTH CORE SAMPLE No. DEPTH DESCRIPTION of SAMPLE Cu Αu LOST Last 30^{cm} is the pale gray highly fractured tuff. 46.9-48 cont'd 5875 1.2 122 Medium gray, fine grained highly broken tuff. 30 48.7-50 48-49 76.2 cm 49-50.5 45.7 cm Gouge zone in both light gray & dark gray tuffs. Approx. first 60^{cm^+} is the gray, brittle tuff and rest of section is dark gray variety (possibly graphitic). Entire section is very broken. 50.5-51.2 Similar to dark gray unit in above section. Only 45.7 cm 50-51.8 pebbles recovered. Pyrite has not been common for at 60 1.1 138 5876 least last 6 m. 51.2-52.7 Light gray-green, brittle fine grained tuff & Gouge 1 m. 5877 1.4 142 Gouge material from approx. 51.5-52.7 m. 60 51.8-53.3 Light gray-green fine grained, brittle tuff. 52.7-53.6 60.9 cm Contains scattered clots of fine grained pyrite Some quartz-carb. veining (appears randomly oriented) Entire section very broken. 53.6-54.8 60.9 cm | Similar to last section. Local clots and seams of 5878 1.5 691 53.3-54.8 55 fine grained pyrite. Section is highly brecciated.

KEDR- NAWON . ASSOCIATES ITD. DIAMOND DRILL RECORD

Si " ---6 - 3 -- " ola Si Phone 374-0544

HOLE No. SF-83-9 SNOWFLAKE SHEET No. 9 of 11 PROPERTY___ CORE WIDTH DEPTH DESCRIPTION SAMPLE No. LOST of SAMPLE Au Αg Cu54.8-55.7 45.7 cm Similar to last section, 54.8-56.3 5879 3.5 230 96 55.7-56.6 45.7 cm Similar to last section. Increasing pyrite contentfinely disseminated (2%). Fair abundance of quartz carb veining most of which appears randomly oriented. This tuff section shows areas containing dark green fragments randomly scattered-probably represent mafic fragments. 56.6-57.6 60.9 cm Similar to last section. Highly broken pale gray green tuff with green mafic fragments. In last two 56.3-57.9 sections have also noted several areas containing 5880 60 1.0 82 a bright green mineral-possibly malachite saturation(?) around altered chalcopyrite grains. Gray-green moderately well veined tuff with hematitic 57.6-59.4 30.4 cm fracture faces. Intense quartz-carb veining in 5881 **<** 5 .7. 16 57.9-59.4 first 45.7cm-also site of small shear zone. Quartz veins often have hematite associated especially from 58.2-59.4 m. Veins & veinlets 1mm-5mm and generally 30-45° to core axis. Pyrite content generally < 2%.

KEDR-DAWSON & ASSOCIATES LTD. DIAMOND DRILL RECORD

SNOWFLAKE SF-83-9 HOLE No. _____ SHEET No. 10 of 11 PROPERTY___ CORE WIDTH DEPTH DESCRIPTION SAMPLE No. LOST of SAMPLE Ag CuPale gray-green hematitic tuff up to 60 m. after 59.4-60.3 15.2 cm which rock becomes a medium green more solid tuff with epidote blebs and fracture linings. Hematite still present on fracture faces and in quartz-carb veinlets. 60.3-60.9 15.2 cm Medium green, fine grained andesitic tuff and/or flow. Hematitic fractures present along with clots 5882 59.4-60.9 30 . 7 8 of epidote. Pyrite content low <2%. Few quarz-carb. veinlets. Similar to last section. Core not as broken. 60.9-62.4 15.2 cm Eqidote-hematite pervasive. Quartz-carb-hematite 5883 60.9-62.4 < 5 12 veinlets generally at low angles to core axis. $(0^{\circ} \text{ to } 30^{\circ}).$ 62.4-63 Pale gray green weakly bleached "mafic mottled tuff". 15.2 cm Hematite quite common-found as clots and fracture coatings. 63-65.2 30.4 cm Medium green, fine grained andesitic tuff and/or flow. with only minor hematite/epidote. Pyrite content 5884 62.4-64 10 21 increasing to 2-3% locally. 63-63.3 m Bleached and 5885 64-65.5 15 22 sheared tuff-slickensides @ 20-25° to core axis. Intense quartz veining noted in shear @ 63 - 63.2 m. Rest of section contains randomly oriented quartz veinlets (moderate intensity).

KEDS-DAMOND DOTT BECUED

Suite 206 - 310 Nicola St. Kar 3, B.C Phone 374-0544

HOLE No. _____SF-83-9 SNOWFLAKE SHEET No. 11 of 11 PROPERTY____ WIDTH CORE SAMPLE No. DESCRIPTION DEPTH of SAMPLE Au LOST Ag Similar to last section except bleached and veined 65.2-65.8 15.2 cm from 65.5-65.8 m. Pyrite content 1-2%. 65.8-67.3 Medium green, fine grained andesitic tuff and /or 5886 20 . 7 13 30.4 cm 65.5-67 flows. Bleached and veined as in latter portion of above section from 65.8-66.1 m. Rest of section contains abundant epidote and scattered quartzcarbonate veinlets. Hematite scarce. Pyrite content low ~1%. 10 .8 98 67.3-70 60.9 cm Similar to last section. Egidote content quite 5887 67-68.5 variable. Hematite scarce. Pyrite $\sim 1\%^{+}$. Quartz-carb veinlets generally @ low angles to core axis (0-30°). Shear zone (slickensides) @ 175 1.1 61 5888 68.5-70.1 $67.9 \text{ m} - 30^{\circ}$ to core axis. . 9 45 70-70.7 55 45.7 cm 5889 70.1-72.2 Similar to last section-core very broken. Similar to last section. Core tube didn't lock lost 70.7-72.2 1.2 m. 1.2 m. of core. END OF HOLE.

PROPERTY.....SNOWFLAKE

HOLE No. SF-83-10

DIP AND	AZIMUTH 1	TEST
	Corr	ected
Footage	Angle	Azimuth
	1	ì

Core Size
Angle of Hole90
Claim
Section
Dearing

Total Depth 74.9 m.	:
% Recovery 89%	
Elev. Collar	1
Latitude 5 + 60NW	ı
Departure5 + 31SW	(

Sheet No1 of9
Logged by W. Gruenwald
Date BegunNov10/.83
Date Finished Nov. 13/83
Core Stored At

DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au.ppb	Ag.ppm	Cu.ppm	
0-9.1 m		Casing - Overburden to 9.1 m. Casing driven to 13.7 m.						
		to aid in water return.						
9.1-10.6	91.4 cm	Broken, gray argillaceous arenite. Minor pyrite.	5890	9.1–10.6	< 5	1.0	69	
		Limonite on fracture faces.			•			
10.6–12.1	60.9 cm	Medium gray, fine grained vaguely bedded argillaceous	5891	10.6–12.1	〈 5	1.0	7.6	-
		arenite. Bedding laminae when observed are at 30° to core axis. Few pyritic bands observed. Pyrite						
		content ~ 1-2%. Few quartz-carb veinlets seen.				-		
12.1-12.8	39 cm	Similar to last section. Finely disseninated						
		pyrite 1-2%.						
12.8–14	15.2 cm	Similar to last section. Few scattered quartz-carb veinlets seen < 1mm to 5mm. wide. Veinlets vary	5892	12.1–13.7	5	.8	73	
		from 30-60° to core axis.						
14–15.5		Similar to last section. One 5mm. wide quartz+carb						
-		veinlet @ 14.1 m. @ 25-30° to core axis.	5893	13.7–15.2	10	.8	77	

KEKK-DAWSUN & ASSUCIATES LID. - DIAMUND DKILL KECUKD

Karr'----, B.C. Phone 3/4-0544

HOLE No. SF-83-10 SHEET No.2 of 9 SHOWFLAKE PROPERTY_ WIDTH SAMPLE No. CORE DESCRIPTION Cu Au Ag DEPTH of SAMPLE LOST Similar to last section. Limonite still present 30.4 cm 15.5-17.3 **〈** 5 5894 . 9 74 15.2-16.7 on fracture faces. Core broken and altered due 5895 85 .7 56 16.7-18.2 to possible shearing at 16.4-17 m. Pyrite content still low 1-2%. Medium gray, fine grained argillaceous arenite with 17.3-18.8 15.2 cm **<** 5 59 18.2-19.8 .8 5896 disseminated pyrite. (1-2% max). Few quartz-carb veinlets. (30-60° to core axis). Limonitic fractures virtually nonexistant now. **<** 5 1.0 82 30.4 cm | Similar to last section except showing evidence of 5897 19.8-21.3 18.8-21.3 pre-induration brecciation at 20 - 20.7 m. Fragments consist of dark gray to black argillite which are often rounded to elongate slivers along with large rounded fragments of arenites, gray wackes & possible granitic rock? Pyrite found as small grains & cluster in both matrix & fragments-content 205% locally in this breccia section from 20-20.7. 20.7-21.3m into dark gray, variable pyritic (2-3%) weakly graphitic argillite (quite broken). Scattered thin quartz-carb veinlets found throughout entire section-random attitudes. 5898 21.3-22.8 21.3-22.5 30.4 cm Dark gray, broken, brittle weakly pyritic argillite. **〈** 5 1.0 95 Pyrite found disseminated and along bedding planescontent locally to 5%+. Bedding at $30-35^{\circ}$ @ 22.1 m. Where pyrite is associated with fine grained gray wacke bed.

KETR-TAWON . ACCOCIATES ID DIAMOND POILL BECORD

Suite 206 - 310 Nicola St. Kar ____s, B.C Phone 374-0544

SHEET No. 3 of 9 SF-83-10 SNOWFLAKE HOLE No. PROPERTY.... WIDTH CORE SAMPLE No. DEPTH DESCRIPTION of SAMPLE Cu Au Ag Dark gray, brittle, weakly pyritic (2-4%) argillite. 22.5-22.8 15.cm Very few quartz-carb veinlets. Similar to last section. Coarser sediments @ 23.6 -5899 22.8-24.3 1.2 99 22.8-23.7 6.3 cm 60 23.7 with locally abundant clots of pyrite 4-5%. Bedding 10-15° to core axis. locally lower angles observed. Similar to last section. Bedding planes observed **<** 5 24.3-25.9 23.7-25.2 5900 1.0 98 from $20-30^{\circ}$ to core axis. Pyrite both disseminated and along bedding planes. $(4-5\%^{+})$. Two veinlets 3-5mm. thick from 35-40° to core axis. Minor graphite seen on fracture faces. Dark gray, brecciated and veined argillite. Some 25.2–25.6 10 cm evidence of slickensides (graphitic). Major veining at 45° to core axis. Pyrite 2-3% as disseminated cubes, clusters and along bedding planes. 15.2 cm Dark gray, brittle, weakly pyritic argillite. Rock 25.6-26.8 is very uniform. Pyrite disseminated 1-2%. 25.9-27.4 15 . 9 5901 107 26.8-29.5 15.2 cm Similar to last section. Pyrite content locally quite variable. Average content 2% however up to 5% between 5902 27.4-28.9 35 1.5 137 28.3-28.9. Few quartz stringers noted from 30° to 45° 5903 28.9-30.4 85 1.3 81 to core axis. (Hairline to 1.0 cm. wide).

KERR-DAWOON & ACCOCIATES ITD - DIAMOND DRILL RECORD

Suite 208 - 310 Nicola S Ka s. B.C Phone 374-054

SNOWFLAKE SF-83-10 SHEET No. 4 HOLE No. _____ PROPERTY_ WIDTH CORE SAMPLE No. DESCRIPTION DEPTH LOST of SAMPLE Cu Att Aρ 29.5-31.6 Predominantly light to medium gray, fine grained argillaceous arenite. 29.5-30 m. intercalated dark gray 5904 30.4-32 25 1.1 45 argillite and lighter gray arenite(?) Bedding planes well defined @ 45°+ to core axis. Two quartz-carb veins $(1cm^{+})$ @ 25-35° to core axis @ 29.8-30.1 m.Other minor quartz-carb. veinlets @ low angles to core axis Pyrite content generally lower than previous sections Average pyrite content 2%. 32-33.5 31.6-33.5 15.2 cm Mixed light gray argillaceous arenite, gray wacke, 95 5905 15 1.3 and dark gray argillite. 31.6-32 m. arenite & possible gray wacke. 32-33.2 m. dark gray, brittle, well veined weakly graphitic argillite. Contains numerous thin (.5 to 2 mm.) veinlets at various angles to core axis. Many of veins & veinlets show microfaulting. Pyrite from 2-4%-locally found as clots up to 1 cm. long. 33.2-33.5 m.light gray, brecciated & quartz-carb veined & weakly bleached fine grained gray wacke. 33.2m. noted galena, straw colored sphalerite and chalcopyrite in brecciated argillite & quartz-carb vein material. Sulphide content generally ≤ 2% for section 33.2-33.5 m. 15.2 cm Dark gray, brecciated & veined weakly graphitic 33.5-34.4 33.5-35 5906 10 1.2 83 argillite Pyrite content higher @ 3-4%. 33.5-33.6 m. is the pale gray, f. grained gray wacke noted in last

KEDR-DAWSON & ASSOCIATES ITD DIAMOND DOLL DECOND

SNOWFLAKE

Suite 006 - 340 ***nola Sti

HOLE No. ____SF-83-10 SHEET No. 5 of 9 PROPERTY_ CORE WIDTH DEPTH DESCRIPTION SAMPLE No. LOST of SAMPLE Ag Cu 34.4-35 Dark gray & medium gray intercalated argillite & fine grained arenite/gray wacke. Bedding very distinct @ 30° to core axis. Pyrite generally finely disseminated $2\%^+$. Some graphitic slickensides noted 20-25° to core axis @ 34.7 m. Quartz-carb veinlets generally uncommon. 35-36.8 Dark gray, weakly pyritic, brittle, variably graphitid 15.2 cm argillite. Few qtz-carb stringers noted. Pyrite 5907 35-36.5 1.3 108 content 2-3% max. 36.8-38.4 Similar to last section-shows well defined bedding 36.5-38.1 15.2 cm 5908 1.2 85 -35° to core axis. Pyrite content variable from 2-4%. Few narrow bands of fine grained gray wacke with pyrite content 5-6%. Some graphitic fracture faces observed. 45.7 cm | Similar to last section-well bedded & variably 5909 38.4-39.6 38.1-39.6 1.0 68 pyritic. Bedding laminae 30-40° to core axis. Core quite broken. Similar to last section except mush less broken. 39.6-41.1 15.2 cm Small qtz-shear @ 39.6-39.7 m. Evidence of faulting 5910 39.6-41.1 15 1.0 77 @ 39.8 m. displaces bedding laminae ~ 2cm. This particular section has some intercalated arenite/ gray wacke beds which show graded bedding & are often more pyritic than surrounding argillite. Qtz-carb

veinlets not very common.

KEDR-DAWOON . ACCOCIATES ITD. DIAMOND DOILL DECOND

section of light gray volc/sed. agglomerate(?) 30° to c.a.

Suite 206 - 310 Nicola St.

HOLE No. _____SF-83-10 SNOWFLAKE SHEET No. 6 of 9 PROPERTY... CORE WIDTH DESCRIPTION SAMPLE No. DEPTH of SAMPLE Au LOST Ag Cu 41.1-41.7 45.7 cm Section of broken argillite/gray wacke and . 9 41.1-42.6 100 5911 brecciated quartz/carb. material. Similar to last section-only pebbles recovered. 41.7-42.3 45.7 cm Carbonate content- constant throughout argilliteweak to moderate. 42.3-43.5 45.7 cm Mixture of intercalated dark gray argillite/gray-5912 42.6-44.1 15 .9 227 wacke/arenite and brecciated graphitic veined argillite Section quite broken. Pyrite content low - 2% locally 3-4%. 43.5-45.5 30.4 cm | Mixed argillite/graywacke & brecciated equivalent. 44.1-45.7 **<** 5 1.3 79 5913 43.5-44.1 gray to dark gray broken weakly graphitic argillite-last 15 cm. shows slikensided surfaces. 44 m. contact with coarse sed. breccia @ 45° to c.a. 44 - 44.6 m. coarse sid. breccia-quartz-carb veins @ $45-60^{\circ}$ to c.a. Pyrite content $2-3\%^{+}$. 44.6-45.5 m. Gray intercalated argillite/f. grained arenite. Bedding laminae @ 35-40° to core axis. 45.5-48.7 15.2 cm Interbedded argillite/f. grained argillaceous arenite and light gray volcanic/sed. fragmental. (agglomerate) 45.5 - 47.7 m. intercalated argillite, light gray argillaceous arenite/graywacke. Pyrite still favouring coarser sedimentary beds. Bedding @ 30-350 to c.a. **<** 5 5914 45.7-47.2 . 9 92 Minor graphite on fracture faces. 47.1 - 47.2 m. small 47.2-48.7 **<** 5 . 9 5915 105

KERR-BAYEON & ASSOCIATES ITD. DIAMOND DOLL DECORD

Suite 206 - 310 Nicola St

SHEET No. 7 of _____ SF-83-10 SNOWFLAKE HOLE No. ---PROPERTY_ WIDTH CORE SAMPLE No. DESCRIPTION DEPTH Au Ag Cu of SAMPLE cont'd 47.7 - 48.7 m -light gray, massive, coarse grained 45.5-48.7 volcanic/sed. fragmental. Fragments generally rounded and appear to be a pale bleached volc. rock. Some fragments of argillite were noted in this rock type. Pyrite content in this rock type is generally 2-3%. Found disseminated & in quartz-carb. veinlets. Fragments are from 0.25 cm. to 2 cm. across-average 0 5cm. 48.7-50.2 95 5916 48.7-51.8 Similar to last section except fragments becoming .8 0 50.2-51.8 **<** 5 135 coarser. Polymictic nature of rock very definite from .8 5917 50.2-51.8 Few scattered qtz veinlets. Pyrite content generally low -2%. Pale gray-green medium to coarse polymictic agglom. 5818 51.8-53.3 51.8-54.8 15 . 7 65 & light gray fine to medium grained tuff. 51.8 - 52.7 m 5819 53.3-54.8 25 .7 64 Polymicitc agglomerate. 52.7 - 54.8 Gray to green-gray fine to medium grained tuff. Occasional scattered quartz stringers. Pyrite content <2%, locally higher Tuff is weakly bedded -45^{0+} to core axis. Contact between agglomerate and tuff (52.7 m) @ 60° (irregular) Very coarse agglomerate fragments from 54.7-54.8 m. Mixed tuff and agglomerate. 54.8 - 55 medium green 5920 54.8-57.9 54.8-56.3 20 . 7 74 gray, f. grained tuff. 55 - 55.3 m -coarse agglomerate. 5921 . 7 90 56.3-57.9 10 55.3 - 56.3 m. predominately gray-green tuff in patches of coarse grained agglomerate. 56.3-56.8 m. weakly to moderately bleached agglomerate, qtz vein swarm @ 56.5 m. (3 cm wide) @ 45-500 to core axis. (3-4% pyrite).

KERR-DAWSON & ASSOCIATES LTD. - DIAMOND DRILL RECORD

Suit - 31(k Kamloops, 8

SNOWFLAKE HOLE No. SF-83-10 PROPERTY_ SHEET No. 8 of 9 CORE DEPTH WIDTH DESCRIPTION SAMPLE No. LOST of SAMPLE Au Ag Cu 56.8-57.3 m. very coarse agglomerate-one pale gray 54.8-57.9 cont'd porphyritic volcanic fragment at least 10-15 cm. across. Pyrite content low \ 2%. Highest pyrite content in dark gray, fine grained, volc. fragments. 57.3-57.9 m. Medium gray, fine grained tuff(?). Contains fragments of banded fine grained sediments (??). The few qtz-carb veins seen in this section are generally at low angles to core axis (-30°) . 57.9-60.9 Mixed green-gray fine grained tuff & coarse polymictic andesitic agglomerate. 57.9-58.5 m. coarse polymictic agglomerate-subrounded fragments-many of fragments show f. grained porphyritic texture. 58.5-59.4 m. predominantly green, f. grained tuff with 5922 57.9-59.4 30 .8 86 59.4-60.9 **<** 5 irregular black, fine grained patches. 59.4-60.9 m. pre-.8 92 5923 dominantly coarse polymictic andesitic agglomerate. Fragments from <1cm. up to 3cm.+ across. Tuff band @ 60 - 60.2 & 60.7 m. @ 50° to core axis. 60.9-64 Green-gray coarse polymictic agglomerate. Few qtzcarb. veinlets. Low pyrite content < 2%. Volc. .6 64 60.9-62.4 5924 fragments subrounded < 1cm. to 5 cm +. Many **<** 5 .8 62.4-64 88 5925 fragments show porphyritic texture. Minor finegrained tuff horizon @ 62:1 - 62.4 m.

KERR-VAYSUN & ASSOCIATES LTD. - DIAMUND DELL RECURD

Suite 206 - 310 Nicola S Kamkoops, B.O Phone 374-054

SNOWFLAKE HOLE No. _____SF-83-10 PROPERTY___ SHEET No. 9 of 9 CORE DEPTH HTGIW DESCRIPTION SAMPLE No. LOST of SAMPLE Au Ag Cu 64 - 67Similar to last section. 64-65.5 5 5926 . 7 102 **<** 5 65.5-67 1.1 95 5927 67-70.1 15.2 cm Similar to last section to 68.5 m. At 68.5 contact with fault gouge @ 35° to core axis. 68.5-69.3 m. Gouge with quartz-carb. veins & fragments. Footwall **<** 5 .8 5928 116 67-68.5 contact 30-35° to core axis. 69.3-70.1 m. Variably 5929 68.5-70.1 30 1.1 63 bleached agglomerate-quite broken-Low pyrite content. Few quartz-carb. veinlets 15.2 cm | Pale green-gray broken coarse polymictic agglomerate. 70.1-71.9 Several low angle quartz-carb veins from 71 - 71.7 m. 70.1-71.6 5930 . 9 (often vuggy). Low pyrite content < 2%. 71.9-73.1 60.9 m Pale green-gray broken coarse polymictic agglomerate. 15 5931 1.6 71.6-73.1 75 Very few quartz-carb veins noted. 30.4 cm | Similar to last section. One quartz-carb vein @ 73.1-74 73.7 m.@ 45° to core axis (1 cm. wide). 74-74.9 15.2 cm | Similar to last section. 1.2 5932 73.1-74.9 83 END OF HOLE.

HOLE No. SF-83-11

KERR-DAWSON & ASSOCIATES LTD. - DIAMOND DRILL RECORD

PROPERTY SNOWFLAKE

DIP AND	AZIMUTH T	EST				1	1	1	1	1	•	1	1	1
		ected	Core Size	Total Depth 27.4 m.										
Footage	Angle	Azimuth	Angle of Hole <u>-90</u>	% Recovery	Logged	Logged byJ.M.	Logged by J.M. Daws	Logged by J.M. Dawson						
			Claim	Elev. Collar										
			Section	Latitude	Date Fir	Date Finished No.	Date Finished Nov. 17	Date Finished Nov. 17'83						
	 		Bearing	Departure	Core Sto	Core Stored At .	Core Stored At	Core Stored At	Core Stored At	Core Stored At	Core Stored At	Core Stored At	Core Stored At	Core Stored At

	l							
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au ppb	Ag ppm	Cu ppm	
meters		Casing to 19.8 meters				 	-	<u></u>
19.8–20.4	0	Fine grained dense black, graphitic argillite with						
		abundant fine grains of pyrite-also pyrite on	5933	19.8–21.3	4 5	.9	94	
		fracture planes 5-10% in places; minor thin quartz stringers at 20-30° to core axis.			•			
20.4–21.9	20.3 cm	Similar black graphitic argillite; minor interbeds						
		of grey siltstone near beginning of section; bedding at ~ 45° to core axis; pyrite common as						
		very fine disseminated grains; minor scattered,	5934	21.3-22.8	\(\) 5	1.0	218	
		narrow quartz stringers.						
21.9–23.1	20.3 cm	Similar to last section; core becoming very broken and						
		friable towards end of section.	-	-			,	-
23.1–23.7	10.1 cm	Similar to last section; scattered narrow quartz	5935	22.8–24.3	10	1.0	189	
		stringers.	-	 		-		
						-	-	
							+	

KERR-DAWSON & ASSOCIATES LTD. - DIAMOND DELL RECORD

E____06 - C____cola \$ Kamloops, B.t Phone 374-054

HOLE No. _____SF-83-11 SHEET No. 2 of 2 SNOWFLAKE PROPERTY____ WIDTH CORE DESCRIPTION SAMPLE No. DEPTH of SAMPLE Au Ag Cu LOST 15.2 cm Dark gray to black argillite with minor grayish 23.7-24.6 silty interbeds @ 45° to core axis. Minor pyrite on fractures; minor narrow quartz veinlets. Similar to last section. 24.6–25.6 5936 24.3-25.6 10 . 8 60.9 cm 25.6-26.5 40.6 cm Light grey, bleached andesitic tuff? Fractured and friable; minor quartz and calcite stringers. 25.6-26.5 5937 30 . 9 80 26.5-27.4 91.4 cm Very large fault zone; fault gouge and mud 24.3-27.4 squeezing up the hole; hole abandoned at 27.4 m 5938 20 1.0 141 (sludge)

RERR-DAVISON & ASSOCIATES LID. - DIAMOND DRILL RECORD

PROPERTY SNOWFLAKE

Suite

HOLE No. SF-83-12

Kamloops, B.C

Phone 374-054

DIP AND	AZIMUTH 1	TEST	NO	20.0	1 7
		rected	Core SizeNQ	Total Depth 99.3 m	Sheet No of
Footage	Angle	Azimuth	Angle of Hole <u>-90</u>	% Recovery	Logged by J.M. Dawson
			Claim	Elev. Collar	Date Begun Nov 18/83
			Section	Latitude	Date Finished Nov. 23/83
	 	 	Bearing	Departure	Core Stored At

		Bearing	Departure		Cor	ore Stored At		
DEPTH	CORE LOST	DESCRIPTION	SAMPLE No	o. WIDTH of SAMPLE	Au ppb	Ag ppm	Cu ppm	1
O-19.8 m.		Casing				'		
19.8–20.7	45.7 cm	Light grey bleached andesitic tuff ? scattered	5939	15.2–21.3	125	1.2	82	
17.0 20.	7,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	quartz veinlets and disseminated fine grained	5942	19.8–20.7		1.9	102	<u> </u>
		pyrite common.		'	 			
20.7–27.4	6.7 m	No core recovered-major fault zone sludge of the	5940	21.3-24.3	360	2.5	146	
	-	shear zone recovered.	5941	24.3–27.4	190	1.8	147	
		Hole cased to 27.4 m.		<u> </u>				
27.4-28.6	60.9 cm	Black graphitic argillite-very broken and friable;	5943	27.4–28.9	70	1.3	104	<u> </u>
	 	fine grained disseminated pyrite common;		<u> </u>		'	+	ı
		chalcopyrite noted on two fracture surfaces.		1				
28.6–29.5	0	Similar black graphitic argillite.						ı
29.5–30.4	0	Similar black argillite; scattered calcite stringers	5944	28.9–30.4	15	1.0	204	
		disseminated pyrite common.	<u>'</u>	<u></u> '				
				 				
			-	 		+		

KERR-VAVISON & ASSOCIATES LTL. - VIAMOID PRILL RECORD

206 - `````licola Kamioops, B Phone 374-05

HOLE No. ____SF-83-12 SHEET No. 2 of 7 SNOWFLAKE PROPERTY___ CORE WIDTH SAMPLE No. DEPTH DESCRIPTION of SAMPLE Ag Cu Au 30.4-31.6 Similar to last section. 5945 1.0 107 10 30.4-32 31.6-32.9 Black argillite; now more massive; very fine grained, dense with frequent fine grained disseminated pyrite as well as fracture coatings of pyrite. 5946 1.0 104 32-33.5 10 32.9-34.4 25.4 cm Similar black argillite, very broken and friable. 5947 33.5-35 5 1.3 85 34.4-35.3 Similar to last section. 35.3-36.5 5948 0 Similar to last section. 5 35-36.5 .8 111 36.5-37.4 Black to greenish black argillite; may be chloritic in part; scattered calcite veinlets. Fine grained 5949 disseminated pyrite common. 36.5–38.1 5 .8 58 37.4-38.1 Similar to last section. 38.1-39.9 Similar fractured and friable black argillite with 5950 38.1-39.6 .9 110 frequent fine grained disseminated pyrite.

KERR-DAWSON & ASSOCIATES LTD. - DIAMOND DAILL RECORD

06 - icola Kamloops, B. Phone 374-05

HOLE No. ___SF-83-12 SHEET No. 3 of 7 SNOWFLAKE PROPERTY.... WIDTH SAMPLE No. CORE DESCRIPTION CuDEPTH Au Ag of SAMPLE LOST 39.6-41.1 93 5951 Similar to last section. 39.9-40.8 0 Similar to last section. 25.4 cm 40.8-41.7 5952 25 1.7 113 41.1-42.6 Black argillite with some narrow silty bands at 10-20 41.7-43.8 15.2 cm to core axis; minor calcite stringers; minor pyrite on fractures and as disseminations. 5953 .9 92 42.6-44.1 10 43.8–44.5 | 15.2 cm Dark gray volcanic wacke. 44.1-45.7 5954 < 5 . 8 67 Dark gray to green gray volcanic wacke; minor 44.5-45.4 20.3 cm calcite stringers; minor pyrite on fractures. 45.4-46.6 10.1 cm Similar volcanic wacke-grading back to black argillite in last 20 cm section. 5955 45.7-47.2 .8 78 46.6-47.5 15.2 cm Black graphitic argillite; pyrite coatings on fractures common; minor disseminated pyrite. 5956 47.2-48.7 1.6 66 47.5-49 30.4 cm Similar to last section; calcite stringers common.

KEKR-UAVIOUN & ADDOCIATES LTD. - LIMMUND DRILL RECORD

S *** 106 - 040 ***cola \$ Kamuups, B.(Phone 374-054

SHEET No. 4 of 7 HOLE No. ___SF-83-12 SNOWFLAKE PROPERTY____ WIDTH CORE SAMPLE No. DESCRIPTION DEPTH Cu Au Ag of SAMPLE Similar to last section; calcite stringers common. 49-49.6 20.3 cm 5957 48.7-50.2 10 1.1 115 Black graphitic argillite with scattered disseminated 49.6-50.9 10.1 cm pyrite; minor quartz and calcite stringers. 5958 1.3 50,2-51.8 20 79 50.9-51.8 5 cm Similar to last section 51.8-52.7 Similar to last section . 9 30 82 5959 51.8-53.3 52.7–54.5 | 15.2 cm Similar to last section 5960 53.3-54.8 175 2.7 97 Similar to last section 15.2 cm 54.5-57.3 1.6 54.8-56.3 175 74 5961 56.3-57.9 10 1.0 5962 135 Core very broken and friable but similar black 57.3-58.5 eraphitic argillite. 10 1.0 146 5963 57.9-60.9 58.5-60 76.2 cm Similar very broken and friable black argillite. Fine grained dense black argillite, minor calcite 60-60.9 10.1 cm stringers; no pyrite. 60.9-62.7 60.9-62.4 Similar to last section; minor quartz and calcite 5964 20 1.9 139 stringers; minor pyrite as disseminations and fracture coatings.

KTR- DAWYON . ACCOCIATES ITD . PIAMOND DAILL RECORD

Suite 206 - 310 Nicola S Ka....ups, 8.0 Phone 374-054

HOLE No. SF-83-12 SHEET No. _____ 5 ____ of ____ 7 SNOWFLAKE PROPERTY____ WIDTH CORE DESCRIPTION SAMPLE No. DEPTH Cu of SAMPLE Αu LOST 10.1 cm Similar to last section. 20 1.4 128 5965 62.7-64.3 62.4-64 Similar to last section. 64-65.5 90 3.7 160 5966 64.3-66.4 65.5-67 119 5967 2.0 10.1 cm Black graphitic argillite with minor quartz and 67-68.5 30 2.0 157 5968 66.4-69.4 calcite stringers; becoming very friable from 67.6 mfrom 68.8-69.4 m. pale greenish gray andesite tuff with minor disseminated pyrite. 60 5969 68.5<u>-70</u> 1.3 72 69.4-71.3 Pale greenish gray to buff andesite tuff; very friable and broken; possible fault zone; small remnant of black argillite at 70.2 m. 5970 10 70-71.6 . 8 53 Pale green andesite tuff. 71.3-71.6 Pale green andesite tuff with minor narrow quartz 71.6-73.4 71.6-73.1 5971 10 . 8 46 stringers; seems chloritic; minor pyrite and trace chalcopyrite. Pale green andesite tuff or ? flow; minor scattered 73.4-74.9 73.1-74.6 5972 15 .8 130 marrow quartz veinlets; minor scattered pyrite.

KERR-DAYSON & ASSOCIATES LTD. - LIMMOND DRILL RECORD

S :== 106 - 040 Micola Karnicops, E Phorte 374-05

PROPERTY_		SNOWFLAKE HOLE No. SF-83-	-12		SHEET N	lo6	of	
DEPTH	CORE	DESCRIPTION	SAMPLE No.	WIDTH of SAMPLE	Au	Ag	Cu	
74.9–76.5	10.1 cm	Similar to last section.	5973	74.6–76.2	175	2.1	103	
76.5–77.1	5 cm	Similar to last section, core very broken and friable.						
77.1–79.2	0	Pale green partly bleached andesite flow? -	5974 5975	76.2–77.7 77.7–79.2	15 490	4.6	70	
		scattered narrow quartz veinlets, scattered pyrite						-
77.1.70.0			5076	70.0.00.7	1/0		122	
77.1–79.2	0	Pale to dark green andesite flow rock; minor pyrite in the lighter coloured bleached sections.	5976	79.2–80.7	160	1.9	133	
81–84.1	10.1 cm	From 81-82.1 m. pale greenish partly bleached and	5977	80.7–82,2	5.5	1.0	90	
		chloritic andesite with scattered quartz veinlets	5978	82.2–83.8	< 5	.8	8	
		and minor pyrite from 82.1-84.1 m. dark green relative fresh andesite flow rock.	1 y					
			5979	83.8-85.3	5	.8	27	
84.1-87.1	0	Relatively fresh gray green andesite flow rock; minor quartz and calcite stringers.	5980	85.3–86.8	5	.8	24	
			5981	86.8–88.3	5	. 7	9	
87.1-90.2	0	Similar to last section; some minor hematite	5982	88.3–89.9	5	. 7	3	
		staining.						
		·						
					L	1		

KERR-DAYIJON & AJJOCIATES LTD. - LIAMUND DRILL RECURD

*06 - ; cola ; Kamloops, B. Phone 374-05

HOLE No. SF-83-12 SNOWFLAKE SHEET No. 7 of 7 PROPERTY_____ CORE WIDTH DEPTH DESCRIPTION SAMPLE No. of SAMPLE LOST Cu Au Ag 90.2-93.2 **<** 5 89.9-91.4 5983 5 . 7 Similar dark green relatively fresh andesite. 5984 91.4-92.9 5 . 7 93.2-95.7 Dark green relatively fresh andesite becoming **<** 5 5985 bleached and pale green in colour near end of 92.9-94.4 . 7 2 section. 5986 94.4-96 .7 2 95.7-96.9 10 cm Pale gray bleached andesite. 96-97.5 40 . 8 5987 96.9-99.3 **<** 5 O Pale gray to green-gray andesite; partly altered-5988 97.5-99.3 2.5 25 especially last 60.9 cm. section. END OF HOLE

APPENDIX B

PERSONNEL

PERSONNEL:

J.M. Dawson, P. Eng.

GEOLOGIST

Sept. 6, 7, 13-17, 19-24,

27, 30.

15 days

Oct. 1, 2, 3, 4, 7-10, 22. 9 days

Nov. 17-19, 21-24.

7 days

Jan. 5, 6, 7, 16, 17.

5 days

TOTAL

36 days

W. Gruenwald, B. Sc.

GEOLOGIST

Oct. 12, 13, 15, 16, 19,

21, 23, 25, 26, 29, 30, 31.

12 days

Nov. 1, 2, 3, 7, 8, 9, 12,

13, 15, 16.

10 days

Dec. 15, 16, 17.

3 days

Jan. 5.

l day

TOTAL

26 days

APPENDIX C

PROGRAMME COSTS

PROGRAMME COSTS:

1. Labour:

J.M. Dawson, P. Eng. 36 days @ \$300.00/day	\$10,800.00	
W. Gruenwald, B. Sc. 26 days @ \$250.00/day	6,500.00	\$17,300.00
2. Expenses and Disbursements:		
Diamond Drilling	\$63,086.86	
Assays & Analyses	5,745.30	
Truck Rental	5,320.00	
Room & Board	993.93	
Water Supply Services	9,540.42	ţ
Telephone & Secretarial	1,356.05	•
Sepias, Blueprints, Xerox	267.50	
Miscellaneous Hardware and		
Field Equipment	404.60	
		86,714.66

TOTAL:

\$104,014.66

APPENDIX D

REFERENCES

REFERENCES:

Morrison, M. (1981):

Report on an economic geological appraisal of the Snowflake Group of Mineral Claims, Aspen Grove Area, Nicola Mining Division, B.C.; Private Report to Snowflake Mining Ltd.

Bacon, W.R. (1973):

Report on the CM claims, Aspen Grove Area, Nicola M.D. British Columbia: Private Report to Ramco Industries.

Cartwright, P.A. (1983):

Report on the Induced Polarization and Resistivity Survey on the Snowflake Claims, Nicola Mining Division, B.C.; Private Report to Laramide Resources Ltd.

Trenholme, L. (1983):

Personal Communication

Whist, J.A.B. (1983):

Personal Communication

Various Files of Snowflake Mining Company.

APPENDIX E

WRITER'S CERTIFICATE

JAMES M. DAWSON, P. ENG.

Geological Engineer

#206 - 310 NICOLA STREET • KAMLOOPS, B.C. V2C 2P5 • TELEPHONE (604) 374-0544

CERTIFICATE

I, James M. Dawson of Kamloops, British Columbia, Do Hereby Certify that:

- (1). I am a geologist employed by Kerr, Dawson and Associates Ltd., of Suite 206, 310 Nicola Street, Kamloops, B.C.
- (2). I am a graduate of the Memorial University of Newfoundland B. Sc. (1960), M. Sc. (1963), a fellow of the Geological Association of Canada, and a member of the Association of Professional Engineers of British Columbia. I have practised my profession for 20 years.
- (3). I am the author of this report which is based on an exploration programme carried out on the Snowflake property under my direct supervision.

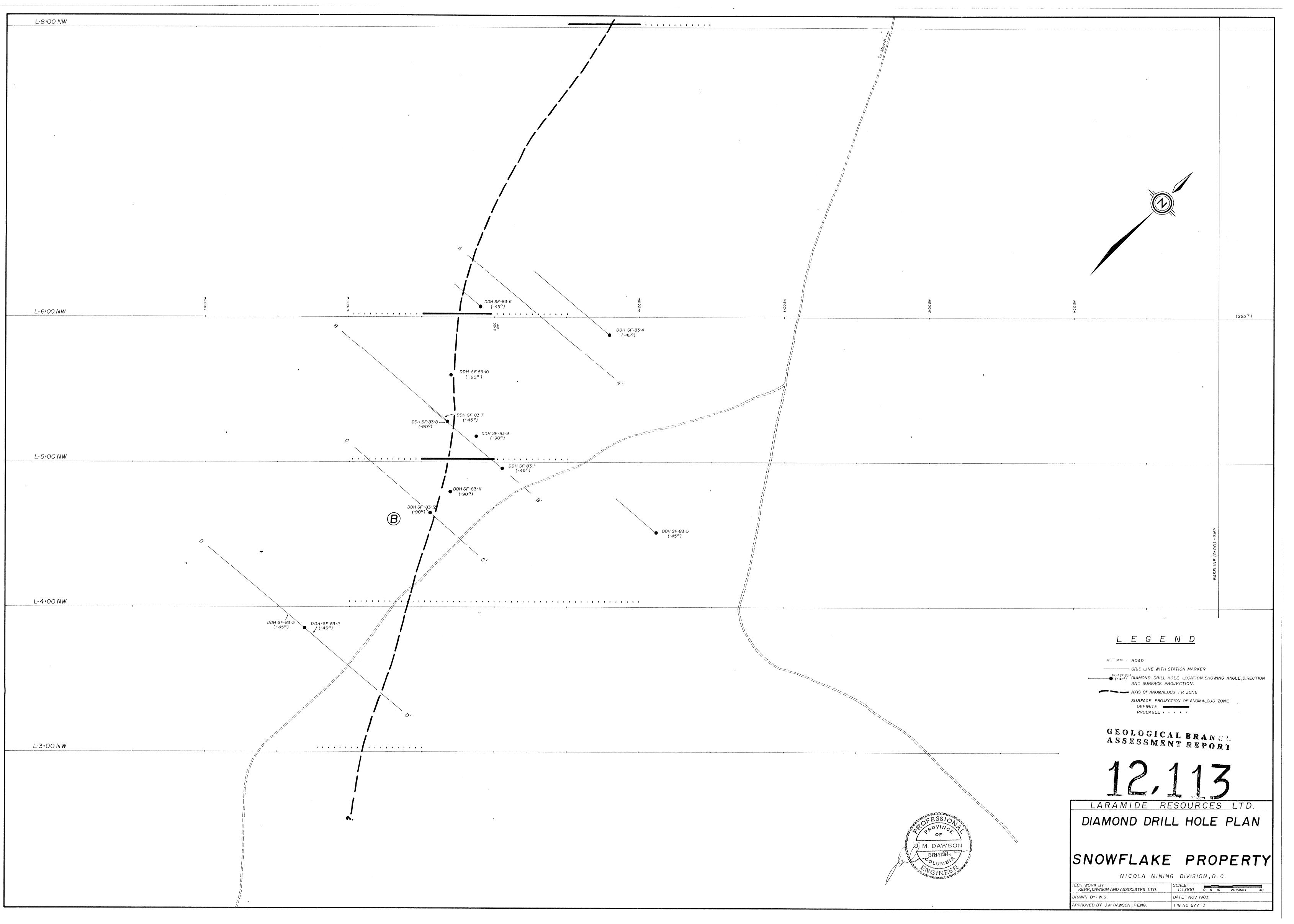
KERR, DAWSON AND ASSOCIATES LTD.

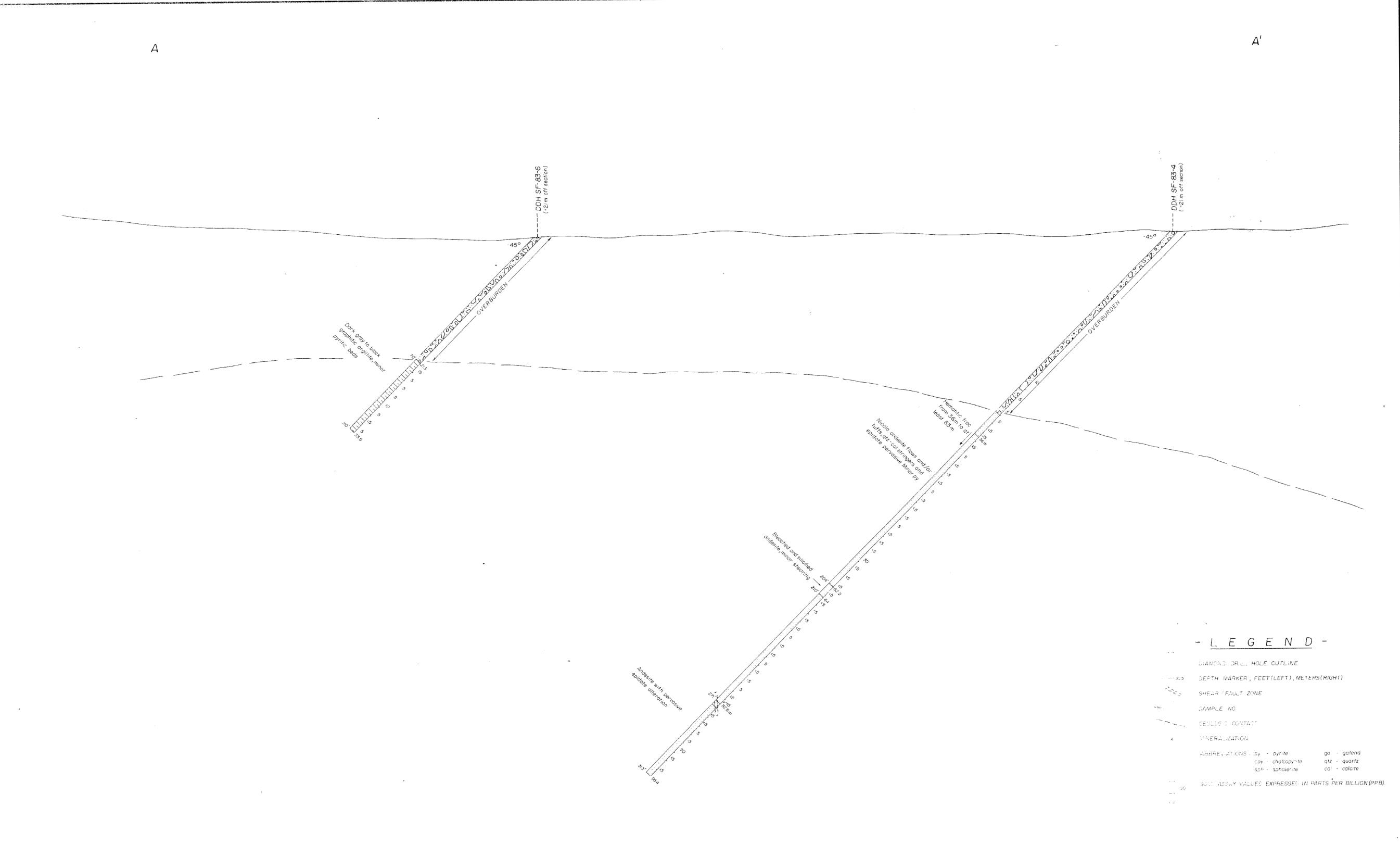
James M. Dawson, P. Eng. GEOLOGIST.

KAMLOOPS, B.C.

February 28, 1984.







GEOLOGICAL BRANCH ASSESSMENT REPORT

LARAMIDE RESOURCES LTD.

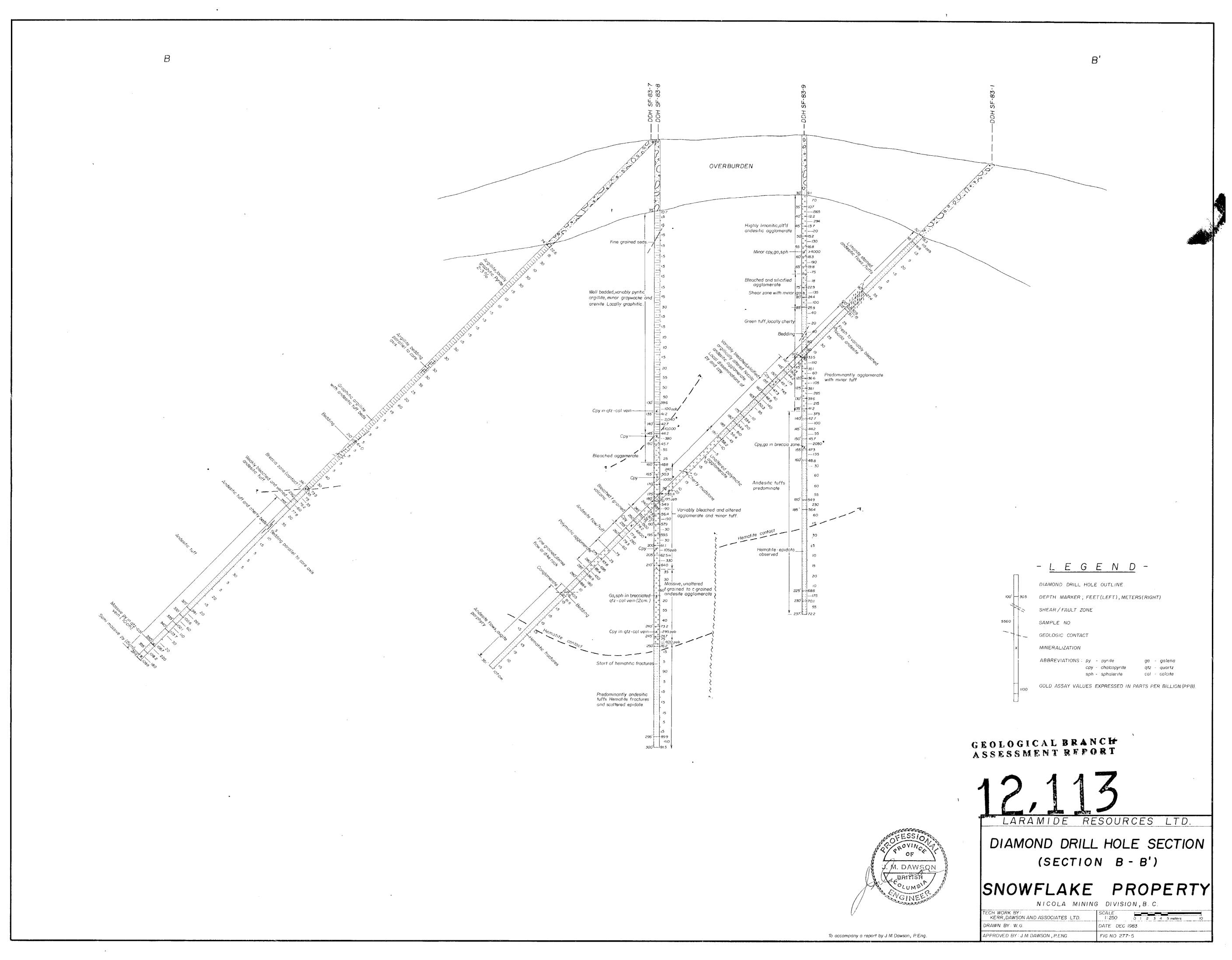
DIAMOND DRILL HOLE SECTION (SECTION A - A')

SNOWFLAKE PROPERTY

TECH WORK BY KERRIDAWSON AND ASSOCIATES LTD DATE DEC 1983 RAWN BY W.G

To occume any a result by J.M. Dawson, P.Eng.

FIG NO 277- 4 ARRADOS DIEMI U MISSAMSON , PIENG



Black graphitic argillite; scattered atz-cal stringers, minor py. Silty bands (bedding) Pale green andesite tuff/flows Minor cpy --- X GEOLOGIC CONTACT MINERALIZATION Bleached, pyritic andesite 260

> Fresh andesite tuff/flows, minor qtz-cal stringers.

> Bleached, altered andesite

- L E G E N D -

DIAMOND DRILL HOLE OUTLINE OF -4305 DEPTH MARKER; FEET(LEFT), METERS(RIGHT)

SHEAR / FAULT ZONE

SAMPLE NO

cpy - chalcopyrite qtz - quartz

GOLD ASSAY VALUES EXPRESSED IN PARTS PER BILLION (PPB).

GEOLOGICAL BRANCH ASSESSMENT REPORT

LARAMIDE RESOURCES LTD.

DIAMOND DRILL HOLE SECTION (SECTION C - C')

SNOWFLAKE PROPERTY

NICOLA MINING DIVISION, B. C. SCALE 1:250 TECH. WORK BY: KERR,DAWSON AND ASSOCIATES LTD.

DRAWN BY W.G. DATE DEC 1983 APPROVED BY: J.M DAWSON, P.ENG. FIG.NO 277-6

To accompany a report by J.M Dawson, P.Eng.

