CANSTAT PETROLEUM CORPORATION
GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL
AND DIAMOND DRILLING REPORT

on the

FRAN PROPERTY

Greenwood Mining Division

N.T.S. 82E/6E

GEOLOGICAL BRANCH ASSESSMENT REPORT

January 1984

J.C. Ridley, B.Sc. A.G. Troup, P.Eng.

GROUP	CLAIM	RECORD	ANNIVERSARY
BABE	GROUSE 1 GROUSE 2 TICK 1 TICK 2 WOMBAT BABE	2695 2696 2685 2697 2586 1870	11 MAY 11 MAY 7 MAY 11 MAY 20 DECEMBER 16 NOVEMBER
DOMINION	DOMINION 1 DOMINION 2 DOMINION 3 JAY 19 JAY 3 RUMFORD RAMBLER FR. KID 2	1294 1295 1296 34656 34616 2587 L3297S 3047	25 AUGUST 25 AUGUST 25 AUGUST 4 FEBRUARY 18 DECEMBER 22 DECEMBER CROWN-GRANTED 6 APRIL
MAY	MAY	1557	1 JUNE
	FRAN	1886	23 NOVEMBER

Location: Owners:

49°25'N, 119°05'W

Canstat Petroleum Corporation

Murray Morrison

Operator:

Canstat Petroleum Corporation

Consultant:

A.G. Troup, P.Eng., Archean Engineering

Project Geologist:

J.C. Ridley, B.Sc., Mark Management

SUMMARY

The Fran property is a silver-lead-zinc and gold-copper prospect located around the community of Beaverdell, in south central British Columbia.

In May and June of 1983 Canstat Petroleum Corp. of Vancouver, B.C. carried out geological mapping, geochemistry, and trenching on the property. Several mineralized zones outlined by that programme were believed to warrant further testing.

During September and October of 1983, an induced polarization survey and a diamond drill programme were carried out.

Two copper-gold zones, three lead-zinc-silver-quartz bearing shear zones and four lead-zinc-silver soil geochem anomalies were tested. Although sulfide mineralization was encountered in several of these zones, all were subeconomic.

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FRAN PROPERTY GREENWOOD MINING DIVISION

GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL and DIAMOND DRILLING REPORT

1. INTRODUCTION

The Fran property is a silver-lead-zinc and gold-copper prospect located in south-central British Columbia. Canstat Petroleum has carried out exploration programmes on this ground since 1980.

The 1983 programme was carried out in two stages. A four-person field crew was stationed at the community of Beaverdell from May 8 to June 10 and from September 4 to October 20, 1983, to carry out geological, geophysical and geochemical surveys and, trenching and diamond drilling over the property. A geophysical crew of four was also stationed at Beaverdell from October 8 to 18.

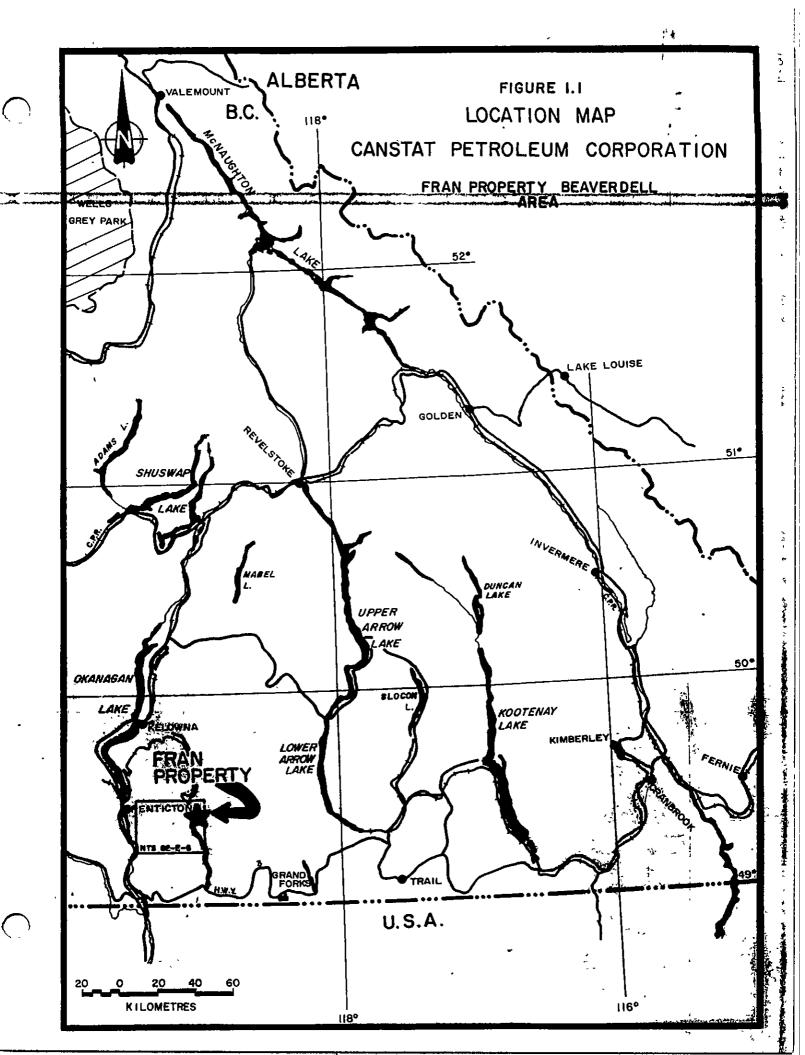
The purpose of the project was to investigate mineralized showings geophysical conductors and geochemical soil anomalies delineated by the 1981 and 1982 field programmes.

The programme was supervised by Mark Management project geologist, J.C. Ridley, under the direction of Archean Engineering consulting geologist, A.G. Troup.

1.1 LOCATION AND ACCESS

The Fran property is situated around the town of Beaverdell, 70 kilometres southeast of Kelowna, in the Greenwood Mining District in southern British Columbia. (Fig. 1.1).

The property centres on latitude 49°26'N and longitude 119°06'W and covers an area of approximately 58 square kilometres.



Access to the property is provided by Highway 33 and a network of logging haul roads that intersect the Rock Creek - Beaverdell Highway.

1.2 PHYSIOGRAPHY

The property covers the rolling plateau-like areas on Curry Mountain and the southern slope of Wallace Mountain and extends across the valley of the West Kettle River. The mean elevation of the property is 3,500 feet (1,067 metres) and maximum relief is 2,400 feet (731 metres). The area is drained by the southwest flowing West Kettle River and its westward, eastward and south-westward flowing tributaries.

Vegetation on the Fran Property consists predominantly of open bush, mostly tamarack, fir and ponderosa pine trees. Locally, there is some heavier bush consisting of larch, lodge pole pine and minor spruce. Black spruce and alder are found along stream channels. Cultivated farm land and small swamps occur along the wide river valleys.

1.3 CLAIM INFORMATION

The Fran property (Fig. 1.3) consists of three two-post mineral claims, 16 modified grid claims and nine crown grants totalling 232 units. Two of the modified grid claims, Babe and Fran, and the three two-post claims are held by Canstat under an option agreement with J. Kucherhan of Penticton, B.C. The May claim was optioned from Mervin Boe of Vancouver, B.C. The crown grants are under option from Highland Silver of Vancouver, B.C. and the Dominion claims are under option from Murray Morrison of Kelowna, B.C.

Record numbers and expiry dates for the claims are given below in Table 1.3.

TABLE 1.3

CLAIM STATUS

GROUP NAME	CLAIM NAME	UNITS	RECORD NO	EXPIRY DATE
MAY	MAY KID 1	15 20	1557 3046	1/06/90 6/04/89
DOMINION	DOMINION 1 DOMINION 2 DOMINION 3 JAY 2 JAY 3 JAY 19 ALASKA BUSTER STANDARD FR RAMBLER FR KID 2 RUMFORD	18 20 8 1 1 1 1 1 20 20	1294 1295 1296 34615 34616 34656 12937 12937 132978 132978 12797 3047 2587	25/08/91 25/08/92 25/08/92 18/12/89 18/12/88 4/02/91 CROWN-GRANTED CROWN-GRANTED CROWN-GRANTED CROWN-GRANTED 6/04/89 22/12/88
BABE	BABE GROUSE 1 GROUSE 2 WOMBAT TICK 1 TICK 2	18 14 9 18 15 20	1870 2695 2696 2586 2685 2697	16/11/87 11/05/86 11/05/86 22/12/87 7/05/85 11/05/86
	FRAN DEER 1 DEER 2 GOLD DROP GOLD DROP FR RELIEF FR HOMESTAKE GOLD DROP 2 FR	20 18 20 1 1 1	1886 2686 2687 L1195 L3154 L1432 L11978 L11965	23/11/87 7/05/85 7/05/85 CROWN-GRANTED CROWN-GRANTED CROWN-GRANTED CROWN-GRANTED CROWN-GRANTED

1.4 History

The Fran property covers an area which has been worked intermittently since 1916. Surface trenching and underground drifting and shaft sinking was carried out on most of the crown grants during the first half of the century. This work exposed and partially mined several silver-lead-zinc bearing quartz veins and associated shear zones. Several of these prospects have been explored intermittently since then by various companies.

The Fran, Babe and Jay claims were optioned by Canstat Petroleum Corporation from J. Kucherhan in 1980 and the May claim from Mervin Boe in 1981. During 1980, 1981 and 1982 Canstat conducted soil sampling, rock chip sampling, a magnetometer survey and a VLF-EM survey over the property. Several Cu, Pb, Zn and Ag anomalies in soils and VLF conductors were outlined. A gossan containing chalcopyrite assaying 0.876 oz/ton Au (27.2 gm/tonne) was discovered. Peripheral claims were staked following these results. In 1982, the gossan was hand trenched and found to extend at least 9 metres by 4.5 metres on a dip slope. (See 1981 and 1982 Assessment Reports for details). The crown grants were optioned from Highland Silver and the Dominion claims from Murray Morrison in 1983.

1.5 Work by Canstat Petroleum 19823

In 1983, field work was conducted by Canstat Petroleum Corp. from May 8 to June 10 and from September 4 to October 20. During this period the following surveys were completed:

- 1) Detailed geological mapping and rock chip sampling (1:5,000 scale) was carried out over a large copper geochemical anomaly on the Wombat, Babe and Fran claims.
- 2) Detailed geological mapping and rock chip sampling (1:500 scale) of old workings was carried out on the Highland Silver crown grants.
- 3) Detailed soil sampling (5 metre intervals) was conducted on the Highland Silver crown grants.
- 4) Trenching was carried out using a D-8 Cat with ripper owned by L&D Petch of Kelowna, B.C.
- 5) Geological mapping (1:10,000 Scale) was carried out over the Dominion claims by Murray Morrison of Kelowna, B.C. (See accompanying report).
- 6) An induced polarization survey was conducted over the May, Wombat and Kid 2 claims by Peter E. Walcott and Associates Ltd. of Vancouver, B.C. (See accompanying report).
- 7) Diamond drilling was conducted on the Wombat, Dominion 1 and 3, Fran, Babe and May claims and the Rambler crown grant by Phil's Diamond Drilling Ltd. of 100 Mile House, B.C.

2. GEOLOGY

2.1 General Geology

The geology of the Beaverdell area was mapped by Little of the Geological Survey of Canada in 1958-59 (Fig. 2.1).

The Fran property is underlain by Jurassic age Nelson and Cretaceous Valhalla plutonic rocks comprised of granodiorite and quartz diorite. These rocks intrude the Permian and/or Triassic Anarchist volcanics and sediments. A younger alaskite porphyry, which grades into granite at depth, intrudes the older dioritic intrusives in several dykes and stocks. This unit is believed to be part of the Coryell plutonics of Tertiary age. Tertiary sediments found on the southeastern corner of the property include tuffs of composition similar to the Coryell alaskite (See Morrison, 1983) suggesting a similar age.

Tertiary volcanic dykes have also been-mapped on the property.

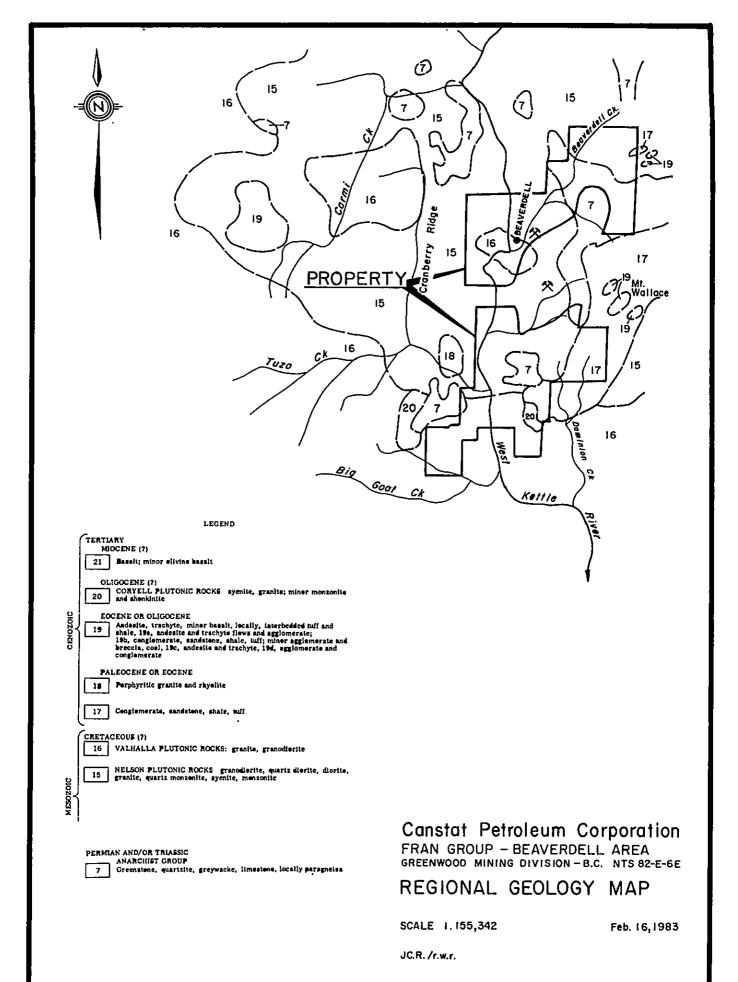


FIGURE 2.1

2.2 Mineralization

Three types of mineralization have been found on the Fran property.

- 1) Native silver and silver bearing galena and sphalerite with occasional gold and chalcopyrite occurs with quartz in eastwest or northeast-southwest trending shear zones in the Nelson intrusive and Anarchist cap rocks. This is the most common type and is the type of mineralization that has been mined at the Teck Beaverdell Mine since the early 1900's.
- 2) Massive and disseminated pyrite and chalcopyrite with associated gold values occurs in siliceous zones in the Nelson granodiorite.
- 3) Disseminated pyrite, specular hematite, magnetite, galena sphalerite and chalcopyrite occurs in silicified and saussuritized Nelson granodiorite along contacts with alaskite porphyry and diorite dykes.

Description of the mineralization located to date and assays that were obtained during the present programme are given in the following table.

TABLE 2.3
ASSAYS AND SAMPLE DESCRIPTIONS

ASSAY	LOCATION	CU	g PB	ZN	OZ/T	I'ON AU	DESCRIPTION
47101	Trench 10	L0.01	L0.01	0.01	0.06	L0.003	GRDR (Granodiorite) - Saussuritized, 0-2m
47102	Trench 7	L0.01	L0.01	L0.01	L0.01	L0.003	GRDR, 2-4m
47108	Trench 2	L0.01	L0.01	0.01	L0.01	L0.003	GRDR, abundant chlorite, minor pyrite, 0-2m
47109	Trench 2	L0.01	L0.01	0.01	0.03	L0.003	GRDR is altered w/weathered pyrite in gossanous pods, 2-4m
47110	Trench 2	L0.01	L0.01	0.01	L0.01	L0.003	GRDR, highly altered,4-6m
47111	Trench 2	L0.01	L0.01	0.01	0.04	L0.003	GRDR, highly fractured w/ weathered out msv sulfides in pods (pyrite), 6-8m
47112	Trench 2	L0.01	L0.01	0.01	L0.01	L0.003	Same as 47111, 8-10m
47113	Trench 2	L0.01	L0.01	0.01	0.03	L0.003	GRDR, siliceous, no sulfides, less saussuritization, upper 11-13m
47114	Trench 24	L0.01	L0.01	0.01	0.03	LO.003	Same as 47113, 13-15m
47115	Trench 24	L0.01	L0.01	0.01	0.04	L0.003	Same as 47113, 15-17m
47116	Trench 3	L0.01	L0.01	0.01	L0.01	L0.003	GRDR, saussuritized, epidote along frac. surfaces, diss. pyrite in goss. pod 0-2m
47117	Trench 3	0.02	L0.01	0.01	0.02	L0.003	Gossanous pod containing malachite, chalcopyrite and possibly chalcocite, 4-6m
47118	Trench 3	L0.01	L0.01	0.01	L0.01	L0.003	GRDR, saussuritized with some gossanous pods, fractures, 4-6m
47119	Trench 3	L0.01	L0.01	0.01	L0.01	L0.003	GRDR, highly fractured, chlorite abundant near shear zone, 6-8m
47120	Trench 3	L0.01	L0.01	0.01	0.01	L0.003	Same as 47119, 8-10m
47121	Trench 3	L0.01	L0.01	0.01	0.02	L0.003	GRDR with gossanous pods, 10- 12m

TABLE 2.3 ASSAYS AND SAMPLE DESCRIPTIONS Continued

			8		OZ/1	ON	
ASSAY	LOCATION	<u>cn</u>	<u>PB</u>	ZN	<u>AG</u>	<u>AU</u>	DESCRIPTION
47122	Trench 3	L0.01	L0.01	0.01	0.04	L0.003	GRDR, highly altered with localized gossanous pods w/pyrite, 12-14m
47123	Trench 3	L0.01	L0.01	0.01	L0.01	L0.003	14.4-15.3m
47124	Trench 3	L0.01	L0.01	L0.01	0.02	L0.003	GRDR with gossanous zones with hematite staining along fractures, 16-18m
47125	Trench 10	L0.01	L0.01	L0.01	0.03	L0.003	24cm from N. hanging wall, s.vein
47126	Trench 10	L0.01	L0.01	0.01	0.06	ro.003	vein, .52m wide pyrite and Mn staining
47127	Trench 10	L0.01	L0.01	L0.01	0.01	L0.003	GRDR south hanging wall
47131	Trench 3	0.04	L0.01	0.01	0.02	L0.003	GRDR with some pyrite, 2-4m
47132	Trench 3	L0.01	L0.01	0.01	L0.01	L0.003	GRDR, gossanous pods with pyrite, 16-18m
47133	Trench 2	L0.01	L0.01	L0.01	0.04	L0.003	GRDR with limonite and Mn staining + pyrite, 4-6m
47134	Trench 2	L0.01	L0.01	0.01	0.01	r0.003	GRDR with quartz and pyrite, 6-8m
47135	Trench 2	L0.01	L0.01	0.01	0.02	L0.003	GRDR with pyrite, 8-10m
47136	Trench 11	0.01	L0.01	L0.01	0.03	0.003	Shear zone, Eastern extension of trench 10,
47151	Trench 9	L0.01	L0.01	0.01	0.08	L0.003	Sample width 4m, highly silicified GRDR with disseminated pyrite, @ 15m
47152	Trench 9	L0.01	L0.01	0.01	0.04	r0.003	GRDR, silicified with some disseminated pyrite, @ 20.6m
47153	Alaska	L0.01	L0.01	L0.01	0.04	L0.003	Wall rock, highly altered (saussuritized) GRDR with some pyrite, C.G.2938 W. Adit.
47154	Alaska	0.01	L0.01	L0.01	0.06	0.044	Vein aprox08m wide (110°/90) series of qtz. veins, pyrite and chalcopyrite disseminated, C.G. 2938 W. Adit.

TABLE 2.3 ASSAYS AND SAMPLE DESCRIPTIONS Continued

			8		OZ/		
ASSAY	LOCATION	<u>CU</u>	PB	ZN	<u>AG</u>	<u>AU</u>	DESCRIPTION
47155	Alaska	L0.01	L0.01	L0.01	0.03	L0.003	GRDR, highly altered saussuritized, some pyrite, C.G. 2938 W. Adit.
47156	Gold Drop	0.14	0.21	0.16	18.50	L0.003	Series of qtz. veins .09m in width w/highly altered GRDR pyrite and malachite. Vis. Adit.
47157	Alaska	0.02	0.01	0.01	1.18	0.003	Quartz vein, .40m pyrite and fine grained galena and malachite, C.G. 2938 E. Adit.
47158	Standard	0.01	L0.01	0.01	0.32	L0.003	Qtz. vein .15m wide no visible sulfides, C.G.2938 Adit.
47159	Standard	L0.01	L0.01	L0.01	0.03	L0.003	Qtz. vein, .10m wide (093°/90) no visible sulflides, C.G.3297 Adit.
47201	Trench 5	11.00	L0.01	0.06	3.66	1.456	GRDR with 10cm of msv chalcopyrite and pyrite in a grey qtz. with some malachite staining, @ 0m.
47202	Trench 5	0.95	L0.01	0.01	0.78	0.426	GRDR 15cm Chlorite zone, 5cm of msv CP and pyrite, 10cm Mal. @ 55m.
47203	Buster	0.02	L0.01	L0.01	0.06	0.003	Qtz. vein in GRDR, traces of fine grained galena, C.G. 2937 Trench 10
47204	Buster	L0.01	r0.01	r0.01	0.02	L0.003	Main vein, altered GRDR, chlorite, C.G. 2937, Trench 10
47205	Buster	L0.01	L0.01	L0.01	0.02	L0.003	Main vein, north foot wall, altered GRDR, C.G. 2937 Trench 10
47206	Trench 5	1.18	L0.01	0.02	1.22	0.294	GRDR, malachite stained with msv chalcopyrite and pyrite, sample across .43m, @ 3.4m
47207	Trench 12	0.08	L0.01	0.01	0.10	0.003	GRDR highly altered with gossanous zone .30m, East wall
47208	Trench 12	0.17	L0.01	0.01	0.07	L0.003	GRDR, highly altered, .80m of gossanous zone with CP and pyrite, @ 1.8m

TABLE 2.3 ASSAYS AND SAMPLE DESCRIPTIONS Continued

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ASSAY	LOCATION	CU	PB	ZN	<u>AG</u>	AU	DESCRIPTION
47209	Trench 12	0.02	L0.01	L0.01	0.09	L0.003	GRDR silicified 4m from east wall, @ 4m
47210	Trench 12	0.08	L0.01	L0.01	0.03	L0.003	Qtz. pod with malachite + iron staining, @ 2.5m
47211	Trench 12	0.01	L0.01	L0.01	0.02	ro.003	Qtz.pod from wall, west wall
47212	Trench 5	0.31	L0.01	0.01	1.05	0.658	Msv sulfides chalcopyrite and pyrite over .09m, @ lm (A)
47213	Trench 5	0.13	L0.01	L0.01	0.08	0.005	GRDR malachite stained 12cm, @ 1m (B)
47214	Trench 5	0.19	L0.01	0.01	0.05	0.012	GRDR silicified with chalcopyrite, bornite and malachite staining over .30m @ 2m
47215	Trench 5	0.18	0.01	0.02	0.06	0.018	GRDR, silicified, malachite azurite & bornite over .50m, @ 3m
47216	Trench 5	0.17	0.04	0.01	0.70	0.482	GRDR with bornite and some msv chalcopyrite and pyrite, malachite stained .30m @ 4m.
47217	Trench 5	0.47	-	-	-	0.532	GRDR with malachite + msv chalcopyrite and pyrite over. 40m @ 5.5m
47218	Trench 5	0.11		-	-	0.010	Silicified GRDR with malachite over .45m @ 6m
47219	Trench 5	0.29	-	-	-	0.438	Silicified GRDR and malachite over .60m @ 7m
47220	Trench 5	0.42	-	-	-	0.050	GRDR with malachite staining over .40m @ 8m
47221	Trench 12	1.58	L0.01	0.01	0.96	0.060	GRDR silicified with msv chalcopyrite and pyrite with some qtz. Grab sample
47222	Trench 4	L0.01	0.02	L0.01	0.11	0.008	GRDR with msv CP + PY concentrated in pods throughout gossan #1

TABLE 2.3 ASSAYS AND SAMPLE DESCRIPTIONS Continued

ASSAY	LOCATION	<u>CU</u>	<u>₹</u> <u>PB</u>	<u>ZN</u>	OZ/ AG	TON AU	DESCRIPTION
47223	Trench 4	L0.01	-	-	-	0.006	GRDR, very siliceous with msv pyrite in Qtz vugs. Gossan 2
47224	Trench 4	L0.01	-	_		0.005	GRDR, siliceous with msv pyrite. Gossan 3
47225	Trench 4	20.01	-	-	-	0.005	Granodiorite, siliceous with massive pyrite. Gossan 4
47226	Trench 4	L0.01	_		_	0.003	same as 47225. Gossan 5
47227	Trench 4	L0.01	-	-	-	0.005	Granodiorite, siliceous, rust, no visible sulfides Gossan 6
47228	Trench 4	L0.01	-	-		0.003	Granodiorite, silicified with massive pyrite + quartz, Gossan 7
47229	Trench 4	L0.01	L0.01	L0.01	0.04	r0.003	Same as 47228. Gossan 8
47230	Trench 4	L0.01	-	-	-	L0.003	Granodiorite, very rusty, no visible sulfides. Gossan 9
47231	Trench 4	L0.01	-	-	-	L0.003	Granodiorite, silicified with massive pyrite and quartz crystals in vugs, Gosan 10
47232	Trench 4	L0.01	_	-	-	0.003	Granodiorite, very siliceous with some massive pyrite Gossan 11
47233	Trench 4	L0.01		-	-	0.003	Same as 47231 Gossan 12
47234	Trench 4	0.02	-	-	-		Granodiorite, silicified with massive and disseminated pyrite
47251	Buster	L0.01	L0.01	L0.01	0.04	L0.003	Wall rock north and south of vein, 1.15m, C.G.L2937
47252	Buster	0.02	0.58	0.32	5.56		Quartz with galena and sphalerite, 75-100m, north along strike of Adit. A, dump sample, C.G.L2937

TABLE 2.3 ASSAYS AND SAMPLE DESCRIPTIONS Continued

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ASSAY	LOCATION	CU	<u>₹</u> <u>PB</u>	ZN	OZ/	TON AU	DESCRIPTION
47253	Rambler	0.03	0.62	0.22	21.96	0.020	Silicified shear zone, gossanous approximately .30m, 1.1, C.G.2797
47254	Rambler	L0.01	1.05	0.25	22.52	0.082	Silicified shear zone, fine grained galena in pyrite .30m, C.G.2797
47255	Rambler	L0.01	1.12	1.92	17.28	0.016	Quartz vein series over .25m with massive galena & sphalerite
47256	Rambler	0.01	0.86	0.33	2.68	L0.003	Granodiorite shear zone and gossanous stock work, pyrite and galena in granodiorite C.G.2797, Adit .22m
47257	Rambler	L0.01	0.07	0.05	0.40	L0.003	Same as 47256 over 1.5m, C.G.2797, Adit @ .36m
47258	Rambler	0.07	1.63	1.67	86.36	0.024	Granodiorite with Quartz veins with galena, sphalerite and pyrite, C.G.2797, dump from 102
47259	Fran	0.28	0.25	L0.01	1.06	0.003	Quartz with some pyrite, road cut
47260	Buster	0.07	2.19	0.15	17.02	0.003	2cm GA, sil. shear zone, granodiorite, caved trench, 15cm quartz vein, C.G.2937
47261	Standard	L0.01	0.04	L0.01	0.26	0.003	Quartz vein in adit, pyrite and possible fine grained galena, C.G.3297, 1400
47262	Standard	L0.01	0.01	L0.01	0.16	L0.003	Granodiorite, altered with disseminated pyrite, C.G.3297
47263	Standard	L0.01	L0.01	L0.01	0.01	L0.003	Quartz vein with some possible pyrite and fine grained galena, C.G.3297 Adit. 1000
47265	Babe	L0.01	L0.01	0.01	0.01	L0.003	Granodiorite with disseminated pyrite from trench
47266	Fran	0.16	L0.01	L0.01	0.03	L0.003	Granodiorite with malachite and azurite along gossanous streak
47267	Babe	0.03	20.01	L0.01	0.16	L0.003	Andesite with disseminated pyrite near quartz vein

TABLE 2.3 ASSAYS AND SAMPLE DESCRIPTIONS Continued

ASSAY	LOCATION	CU PB	ZN	OZ/TON AG AU	DESCRIPTION
47268	Babe	LO.01 LO.	01 L0.01	0.05 L0.00	3 Quartz vein in andesite .10m wide 2m visible length
47269	Wombat	L0.01 L0.	01 0.01	0.01 L0.00	3 Andesite, silicified with quartz stringers and pyrite
47270	Wombat	L0.01 L0.	01 LO.01	0.01 L0.00	3 Quartz pod in siliceous andesite
47271	Buster	LO.01 0.	01 0.01	0.18 L0.00	3 Pyrite with some fine grained galena
47272	May	L0.01 0.	0.02	0.04 L0.00	3 Silicified granodiorite gossanous
47273	May	L0.01 0.	01 LO.01	0.01 L0.00	3 Granodiorite (Siliceous) Alaskite contact
47274	May	0.02 0.	05 0.06	0.10 LO.00	3 Altered granodiorite or Alaskite, some pyrite
47275	Babe	LO.01 LO.	01 LO.01	0.02 L0.00	3 Quartz vein
47276	Trench 1	LO.01 LO.0	01 LO.01	0.01 L0.003	Granodiorite with chlorite, calcite, quartz veinlets and pyrite along fractures, 7-8m
47277	Trench 1	L0.01 L0.03	LO.01	0.01 L0.003	Granodiorite with calcite and some kaolinite, 8-9.5m
47278	Trench 1	L0.01 L0.03	0.01	0.01 L0.003	Granodiorite with quartz + pyrite along shears,9.5-10m
47279	Trench l	L0.01 L0.01	LO.01	0.01 L0.003	Granodiorite, kaolinized along fractures, 10-13.5m
47280	Trench 1	0.06 LO.03	LO.01	0.05 LO.003	Granodiorite, sheared, pyrite and malachite along fracture, 13.5-14.5m
47281	Trench 1	L0.01 L0.01	0.04	0.06 LO.003	Granodiorite boulders, heavy iron staining, @ 20m
47282	Trench 1	LO.01 LO.01	0.01	0.02 L0.003	Granodiorite with chlorite and kaolinite, 14.5 - 17m
47283	Trench l	L0.01 L0.01	L0.01	0.01 L0.003	Granodiorite with some kaolinization along fratures, 3-7m

TABLE 2.3 ASSAYS AND SAMPLE DESCRIPTIONS Continued

አሮሮአህ	T OOD MITOU	GU	8		OZ/		
ASSAY	LOCATION	<u>CU</u>	PB	ZN	<u>AG</u>	<u>AU</u>	DESCRIPTION
47284	Trench 6	0.12	1.48	3.05	27.16	0.003	Chip sample 10.6m along strike 5.3 wide (1050), 5.3 wide @ 10.6m
47285	Trench 6	0.13	2.17	12.50	28.10	0.003	Granodiorite, siliceous with massive galena over .4m of .7m chip sample, @ 8.6m
47286	Trench 6	L0.01	0.03	0.15	0.50	0.003	Siliceous shear zone, Chip 1.3m, 3.6m west along strike
47287	Trench 6	L0.01	L0.01	0.02	0.02	L0.003	Granodiorite, siliceous, sample across 4.1m @ 3.6m along strike
47288	Trench 8	L0.01	0.10	0.58	0.84	0.003	Granodiorite, siliceous, chip sample across 1.4m
50304	Beaverdell Crk Rd.	0.01	L0.01	L0.01	0.06	L0.003	Quartz with malachite staining. Sample D002. 3km on Beaverdell Ck. road.
50305	C.G.2348	0.18	13.70	5.31	204.40	0.003	Quartz in granodiorite, Sample D003, Adit dump
50306	B'dell Ck. Road 3km	L0.01	0.12	0.06	3.72	L0.003	Quartz, Sample D004, (from pit)
50307	11	L0.01	0.03	0.02	0.26	L0.003	Granodiorite, Sample 005
50308	*1	L0.01	0.01	0.01	0.06	L0.003	Microdiorite, silicified, Sample 006
50309	ti	L0.01	0.01	0.01	0.22	L0.003	Quartz from pit, sample D005
50310	8+75E	L0.01	L0.01	0.01	0.04	L0.003	Granodiorite, siliceous, Sample W300
50311	10+15E	L0.01	L0.01	0.01	0.02	L0.003	Granodiorite
50312	10+20E	L0.01	L0.01	0.01	0.06	L0.003	Granodiorite w/pyrite, sample W302
50313	10+75E	0.01	L0.01	0.01	0.06	L0.003	Microdiorite
50314	10+55E	L0.01	L0.01	0.01	0.08	L0.003	Granodiorite, sample W305
50315	11+00E 10+25N	•06	L0.01	0.01	0.06	L0.003	Microdiorite with abundant pyrite

TABLE 2.3 ASSAYS AND SAMPLE DESCRIPTIONS Continued

				OZ/	TON	
ASSAY	LOCATION	<u>co</u> i	B ZN	<u>AG</u>	<u>au</u>	DESCRIPTION
50315	11+00E 19+50N	0.03 LO	01 0.01	0.06	L0.003	Microdiorite talus
50317	11+35E	0.04 LO	01 0.01	0.06	L0.003	Microdiorite with pyrite
50318	11+00E 19+50N	0.02 0.	01 0.01	0.02	L0.003	Microdiorite
50319	17+50E 11+00N	0.05 0.	01 0.01	0.08	L0.003	Microdiorite with pyrite
50320	See map	LO.01 LO.	01 0.01	0.06	L0.003	Siliceous grandodiorite- microdiorite contact quartz showing vuggy texture, some pyrite
50321	See map	LO.01 LO.	01 LO.01	0.02	L0.003	Quartz vein approx. 0.7m gossanous, cuts microdiorite
50322	See map	0.08 1.	78 3.21	34.22	L0.003	Granodiorite, siliceous with galena through .65m wide vein
50323	6+00E 20+75N	L0.01 0.	05 0.06	0.78	L0.003	Granodiorite with pyrite
50324	8+90E	0.03 0.	01 0.01	0.40	L0.003	Granodiorite with pyrite and malachite
50325	See map	L0.01 L0.	0.01	0.12	L0.003	Granodiorite with pyrite
50326	See map	L0.01 L0.	0.01	0.08	L0.003	Granodiorite, rusty
50327	See map	L0.01 L0.	0.01	0.08	L0.003	Granodiorite with chlorite
50328	See map	L0.01 L0.	0.01	0.06	L0.003	Granodiorite with calcite
50329	17+25N 16+75E	0.01 LO.	01 0.01	0.021	L0.003	Siliceous microdiorite; disseminated and massive pyrite. Sample B301
50330	17+50E 15+00N	0.01 LO.	0.01	0.02	L0.003	Siliceous granodiorite. Sample B302
50331	See map	0.01 LO.	0.01	0.04	L0.003	
50332	14+00E 12+00N	0.01 0.	0.03	1.30	0.005	Pyritic andesite

TABLE 2.3 ASSAYS AND SAMPLE DESCRIPTIONS Continued

			8		OZ/	ION	
ASSAY	LOCATION	CU	PB	ZN	AG	<u>AU</u>	DESCRIPTION
50333	19+50E 11+00N	0.01	L0.01	0.01	0.30	L0.003	Pyritic andesite. Sample B306
50334	19+80E 12+00N	L0.01	L0.01	0.01	0.10	L0.003	Siliceous andesite w/pyrite. Sample B307
50335	19+80E 12+20N	L0.01	L0.01	L0.01	0.14	L0.003	Grdr & marginal qtz in andesite. Sl. PY. Sample B001
50336	17+50N	L0.01	L0.01	L0.01	0.08	L0.003	Microdiorite with quartz veining and minor sulfide
50337	8+50E 19+60N	L0.01	L0.01		0.08	L0.003	GRDR w/ PY
50338	Alaska	0.08	L0.01	L0.01	0.18	.058	Series of quartz veins occupying shear zone, pyrite and malachite - 35+80E 33+75N
50339	Alaska	1.20	0.04	0.21	7.38	0.109	Adit sample.Quartz veins with pyrite and malachite (36+80E, 33+75N)
50340	Trench	L0.01	0.01	0.02	0.34	L0.003	Quartz vein, chloritized with some pyrite
50341	Trench	L0.01	0.04	0.09	0.22	L0.003	Quartz veins chloritized with galena and pyrite
50342	Rambler	L0.01	L0.01	L0.01	0.04	L0.003	Adit S.Qtz. veins 093°/70S PY. Ll%.Chlorite bands. C.G.2797
50343	Rambler	L0.01	0.02	0.04	0.22	L0.003	Adit S.E-W qtz.veins 0.5M wide, PY.C.G. 2797
50344	Rambler	L0.01	0.15	1.49	8.76	0.012	Adit S.E-W qtz.vein,0.7M wide w/ ab.f.g.+ msv.Ga,SP,PY. C.G.2797
50345	Rambler	L0.01	0.08	0.84	3.00	0.020	Adit S.Msv. sulf.vein 0.4M wide
50346	Rambler	0.01	0.87	0.63	22.98	0.032	<pre>w/ ab.Ga,SP+PY C.G.2797 Adit S.E-W qtz. vein w/ msv Ga+PY.C.G.2797</pre>
50347	Rambler	L0.01	0.39	0.43	2.98	0.005	Trench S.Qtz.vein w/f.g. Ga, PY. C.G.2797

TABLE 2.3 ASSAYS AND SAMPLE DESCRIPTIONS Continued

A C C N S	T OODMITON	<u> </u>		OZ/TON			
ASSAY	LOCATION	$\overline{\alpha}$	<u>PB</u>	<u>zv</u>	<u>AG</u>	<u>AU</u>	DESCRIPTION
50348	Buster	L0.01	0.01	0.02	0.16	L0.003	Andesite with diss. pyrite. C.G. 2937
50349	Buster	0.17	3.20	10.30	40.46	0.010	Quartz with galena sphalerite and chalcopyrite, C.G. 2937 from shaft
50350 C.G.29	Buster 37	0.01	0.15	0.31	2.94	0.005	Adit S.Quartz vein,8cm wide
83401	Old Nepanee	0.02			0.54	0.003	Grab - Quartz with 5% pyrite and 0.5% galena
83402	Old Nepanee	0.09			0.34	0.130	Chlorite altered andesite, 30% pyrite, selected
83403	Old Nepanee	0.40			0.44	0.122	Andesite with 30% MSV PY in quartz vein, trace CP - selected dump
83404	Old Nepanee	L0.01			0.06	L0.003	Diorite, w/chlorite, calcite 10% Cu, 10% quartz vein, 3% Py, selected - dump sample
83405	C.G. 2938	0.01			1.04	L0.003	Quartz 70%, Py 2%, selected- dump
83406	C.G. 2938	0.08			11.50	0.006	Quartz with 10% Py, 5% Ga, selected-dump
83407	Dominion 3	0.98			0.26	0.024	GRDR - 1% Cp, 1% PY on frac. surfaces. Picked.
83408	Dominion 3	0.29			0.20	0.010	GRDR 0.5% CP + 2% PY on frac. surfaces. Picked.
95176	Dominion 1		9.53		48.20	1.232	Float-galena boulder
95177	Dominion 1		0.13	9.670	0.84	0.186	Gossanous pod in andesite with msv PY - AsPY

3. GEOCHEMISTRY

3.1 Soil Sampling

3.1.1 Sampling, Sample Preparation and Analytical Procedures.

Soil sampling was carried out on the crown grants to look for extensions to known mineralized veins. Samples were collected at 5 metre intervals on lines running perpendicular and parallel to the silver-lead-zinc veins.

All soil samples were collected from the 'B' soil horizon with the aid of a lightweight mattock. The samples were sent to Chemex Labs. Ltd. in North Vancouver for analysis.

In the laboratory, samples were oven-dried at approximately 60°C. The dried samples were sieved to minus 80 mesh and oversized material discarded. The minus 80 mesh fraction was analyzed for the elements Ag, Cu, Pb and Zn by atomic absorption spectrometer after digestion with hot concentrated nitric and hydrochloric acids.

3.1.2 Treatment and Presentation of Results

In assessing the geochemical results, the 1983 data was combined with that from previous years so that graphic statistical methods could be used to separate background from anomalous metal concentration. Threshold and anomalous levels were then determined at the mean plus two standard deviations (x + 2s) and mean plus three standard deviations (x + 3s), respectively, from log probability plots prepared for each element. This data is given in Table 3.1.2.

Sample locations and analytical results are shown on Maps 3.1.2.1 to 3.1.2.5 which accompany this report (Scale - 1:1,500).

Results for all four elements have been contoured at threshold (x + 2s) and anomalous (x + 3s) levels.

TABLE 3.1.2 MEAN, THRESHOLD AND ANOMALOUS METAL

IN 'B' HORIZON SOIL

Values over the Fran Property

Metal	Mean	<u>(x)</u>	Thresho.	ld (x + 2S) Anomalou:	s(x + 3S)
Ag	0.055	ppm	0.3	ppm	0.78	ppm
Cu	13	ppm	25	ppm	35	ppm
Pb	9.25	ppm	24.5	ppm	40	ppm
Zn	112	ppm	225	ppm	320	ppm

3.1.3 Discussion of Results

A zinc and silver anomaly on crown grant L3297 indicates the extension of one of the veins sampled on the Buster workings. The zinc values are extremely high but the silver values are similar to those found over exposed sections of the vein where rock assay values for silver are low.

No other vein extensions or new veins were outlined by the soil geochemistry program.

3.2 Lithogeochemistry - Rock Chip Sampling

3.2.1 Sampling, Sample Preparation and Analytical Procedures

Rock chip samples were collected from all mineralized showings, gossans, quartz veins and silicified zones, discovered during the survey.

Channel samples were taken across the width of veins, chip samples were taken at regular intervals across the width of gossanous or silicified zones and grab samples were taken where outcrop exposure was poor. The samples were placed in numbered plastic bags and sent to Chemex Labs Ltd. in North Vancouver for analysis.

In the laboratory, samples were put through primary and secondary jaw crushers and a tertiary cone crusher. A sub-sample of approximately 250 gm was then pulverized in a rotary pulverizer. Pulp for precious metal analysis was screened to minus 100 mesh and examined for 'metallics'. The pulp was then fire assayed. All samples were assayed for Au, Ag and Cu. Galena-sphalerite showings were also assayed for lead and zinc.

3.2.2 Presentation and Discussion of Results

Assay results, locations and descriptions of samples are given in Table 3.2.2 and on Maps 2.1.1 to 2.1.3. The association between elements suggests two sets of mineralization: silver-lead-zinc and gold-copper.

Important gold and copper assays were obtained from a showing in trench 5. This showing is located immediately northeast of an extensive copper soil anomaly suggesting that similar mineralization may be wide spread. On the eastern edge of the copper anomaly malachite staining in fractured granodiorite appears to be controlled by a north-south fault zone.

Several quartz veins with lead, zinc and silver mineralization have been mapped and sampled on the crown grants and the Fran claim. Although some of these veins have been worked in the past, further testing is warranted to determine possible extensions.

4. TRENCHING

From May 27 to June 3 a D8-H Cat was contracted to trench and expose accessible mineralized showings on the property. A total of 13 trenches were cut during this phase of the programme.

4.1 Trench Geology

WOMBAT CLAIM

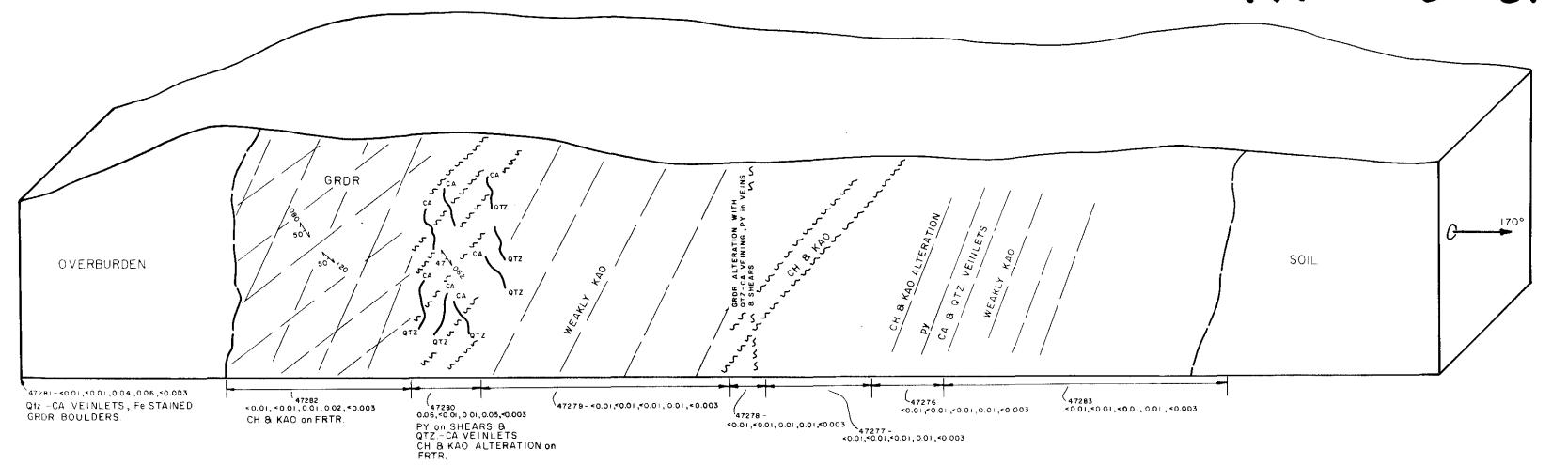
TRENCH 1

The first trench was cut to expose an east-west shear zone in the centre of the Wombat copper geochem anomaly. Although no major shear was exposed, several narrow (one metre maximum width) shears and fractures with associated chlorite and kaolinite alteration and occasional malachite staining were exposed in Nelson granodiorite. Quartz and calcite veinlets consititute up to 10% of the rock. Disseminated pyrite occurs on some fractures. Chip samples were assayed for copper, lead, zinc, silver and gold but values were minimal. (See Figure 2.3.1)

TRENCHES 2, 3 AND 4

Fractured granodiorite with gossanous pods containing massive pyrite and chalcopyrite were exposed in these three trenches. This occurs at the northern edge of the Wombat copper geochem anomaly, proximal to the copper-gold zone. (See Trench 5). None of these pods proved to be extensive and copper, lead, zinc, silver and gold values from chip sample assays are low. (See Figures 2.3.2, 2.3.3 and 2.3.4).

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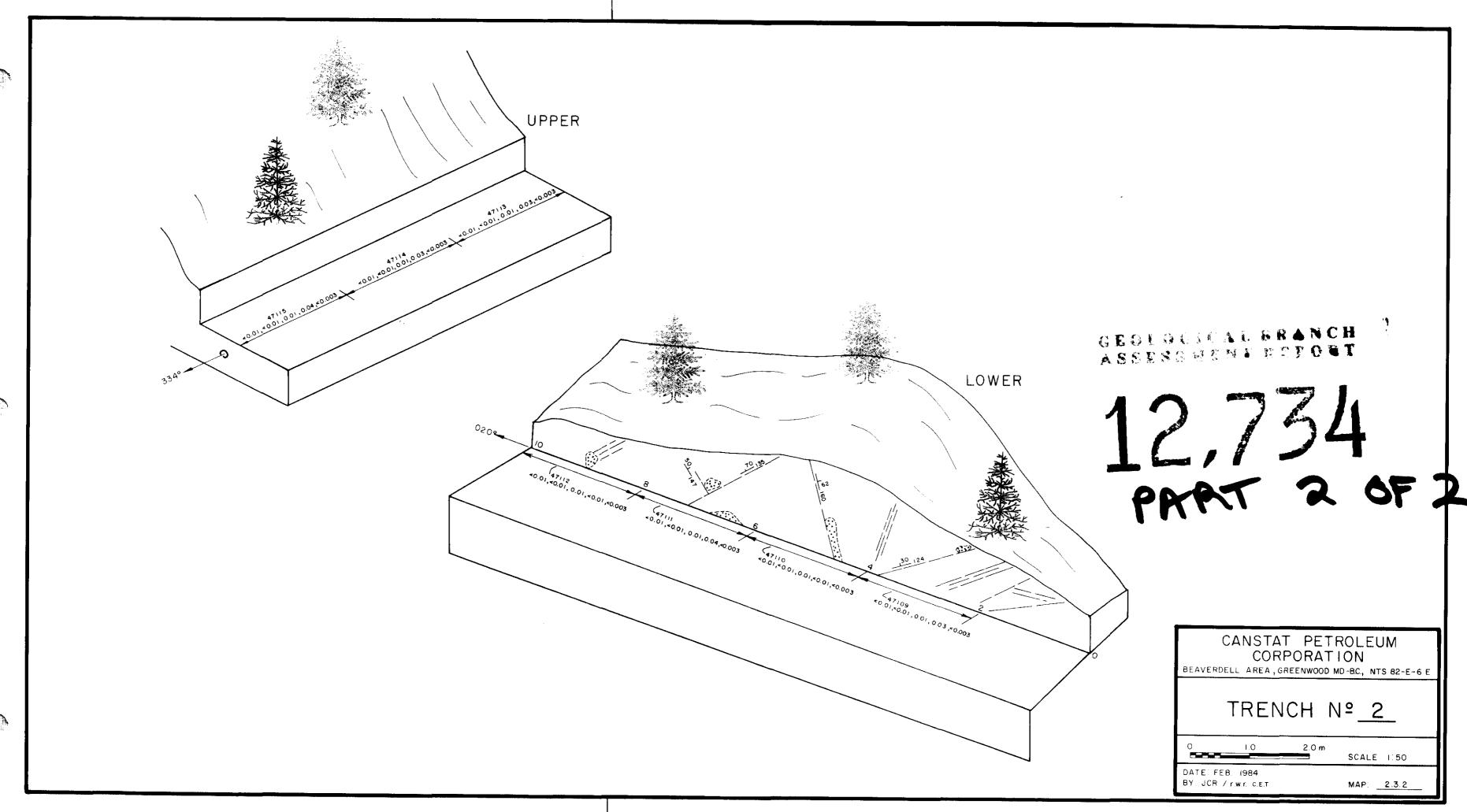
BEAVERDELL AREA, GREENWOOD MD-BC., NTS 82-E-6 E

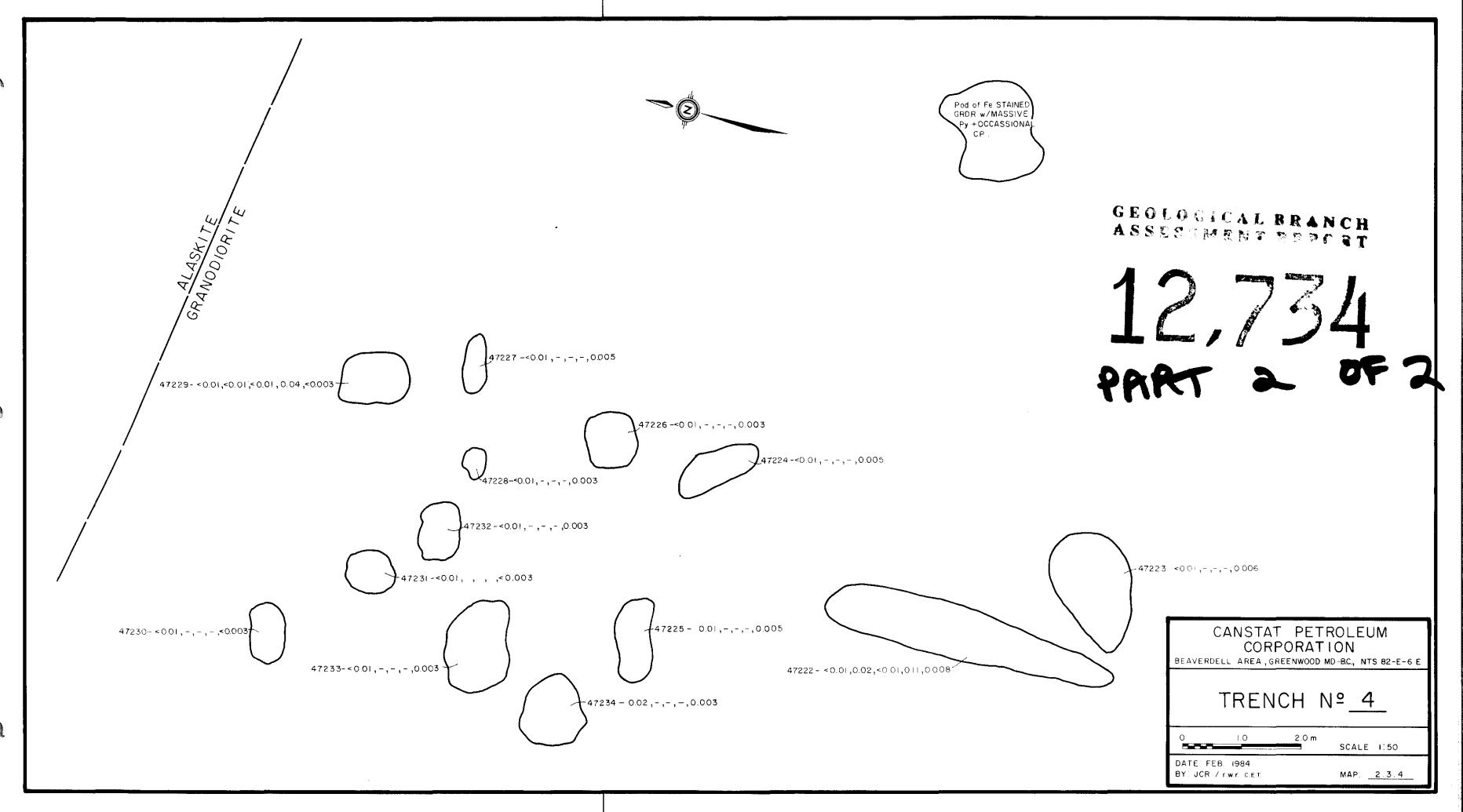
TRENCH Nº I

0 1.0 2.0 m SCALE 1:50

DATE: FEB. 1984 BY: JCR / r.w.r. c.e.t

MAP: 2.3.1





TRENCH 5

This trench was cut to better expose the Wombat copper-gold gossan discovered in 1981. Siliceous granodiorite pervasively stained by malachite and azurite and containing disseminated chalcopyrite and pyrite was encountered. Massive pyrite, chalcopyrite and bornite in quartz occur as narrow lenses. The most extensive massive sulfide lense has been traced for 10 metres along strike (1500) and 6 metres up dip (250). Vertical chip samples taken over the entire gossanous zone assay up to .438 oz/ton gold over .6 metres. (See Figure 2.3.5).

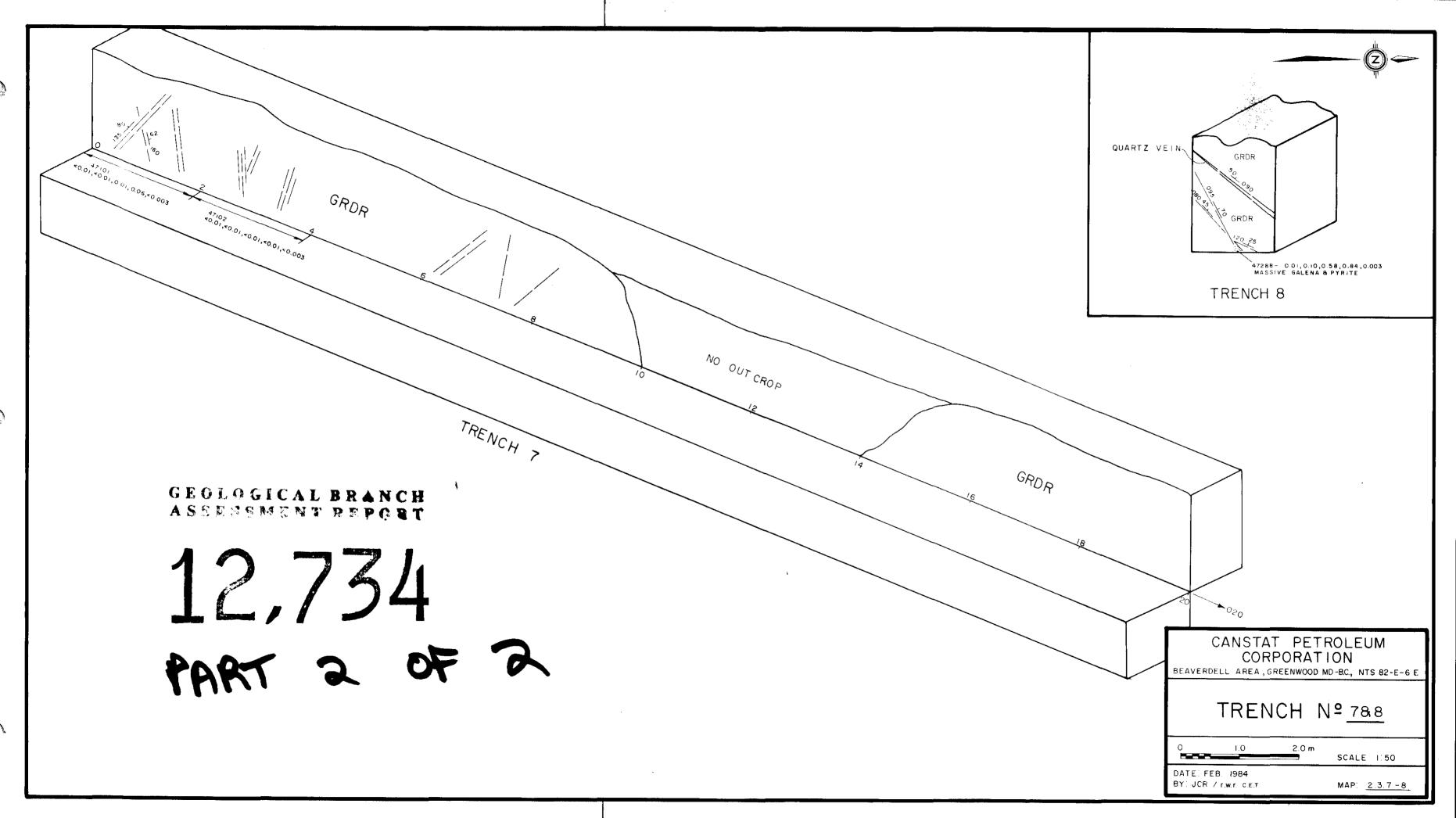
BABE - FRAN CLAIMS

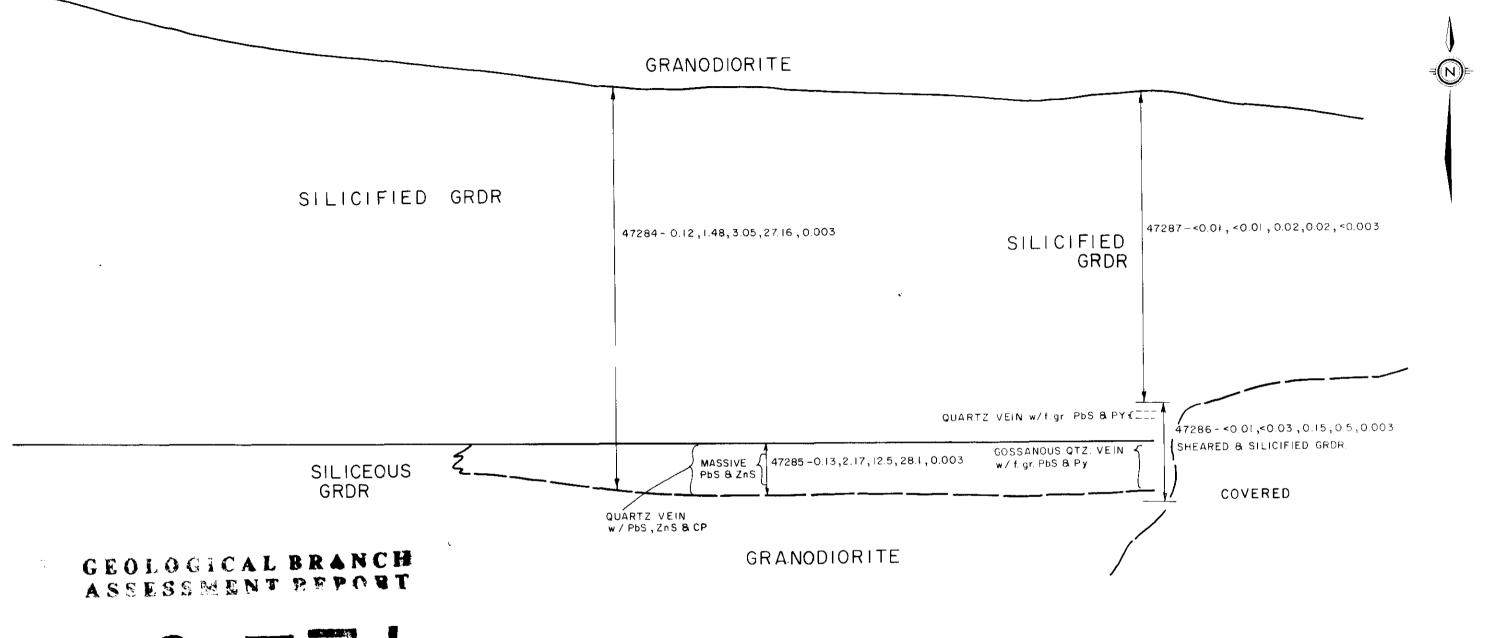
TRENCH 6

Trench 6 extended a trench exposure made by John Kucherhan near the Babe-Fran claim line. A silicified zone in the Nelson granodiorite with a massive galena, sphalerite, chalcopyrite and pyrite vein within a quartz vein was exposed. A channel sample over the .7 metre shoot has an assay value of 28.1 oz/ton silver, 2.17% lead and 12.5% zinc. The siliceous zone extends 15 metres east-west and the massive sulfide zone was traced for 2 metres. (See Figure 2.3.6).

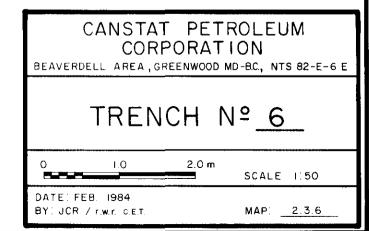
TRENCH 8

This trench was put in 75 metres along strike from the vein in trench 6. A zone of siliceous granodiorite contains quartz stockwork with disseminated galena and pyrite along crosscutting shears was exposed. Mineralization is spotty and copper, lead, zinc, silver and gold values from chip samples are low. (See Figure 2.3.8).





12,734 PART 2 0F 2



ROAD

47201-11.00,<0.01,0.06,3.66,1.456-10 cm CHIP. QTZ VEIN W/MASSIVE Cp,Py,Ma

•47212 - 0.31, < 0.01, 0.01, 1.05, 0.658 - 9cm CHIP MASSIVE Cp & Py 47213 - 0.13, < 0.01, < 0.01, 0.08, 0.005 GRDR - Ma STAINED

•47214 - 0.19, <0.01, 0.01, 0.05, 0.012 - 30 cm CHIP SIL GRDR w/ Cp, Bo + Ma

• 47215 -0.18,0.01, 0.02,0.06,0.018-50 cm CHIP SIL. GRDR. w/Bo,Mo,Az

• 47216-0.17, 0.04, 0.01, 0.70, 0.482 - 30 cm CHIP - GRDR w/Bo, Cp, Py, Ma

47217 - 0.47 , - , - , - , 0.532 - 40 cm CHIP Ma STAINED GRDR w/ MASSIVE Cp , Py • 47202 - 0.95, < 0.01,0.01, 0.78, 0.426 - 30 cm CHIP, 5 cm of MASSIVE Cp + Py in GRDR

• 47218-0.11, -, -, -, 0.010 45 cm CHIP Ma STAINED SIL. GRDR.

GOSSAN INCLUDES Cp, Py, Bo, Ma, Az

• 47219 - 0.29 , - , - , - , 0.438 60 cm CHIP , Ma STAINED SIL GRDR.

MINERALIZATION IN A

SILICIFIED GRANODIORITE .47220 - 0.42, - , - , - , 0.050 - 40 cm CHIP Ma STAINED SIL GROR.

RUBBLE

GEGLGBICAL BRANCH ASSESSMENT REPORT

12,734 PART 2 OF 2

47206-118,<0.01, 0.02, 1.22, 0.294 43 cm CHIP * Ma STAINED GRDR w/MASSIVE Cp & Py

CANSTAT PETROLEUM CORPORATION BEAVERDELL AREA, GREENWOOD MD-8.C., NTS 82-E-6 E

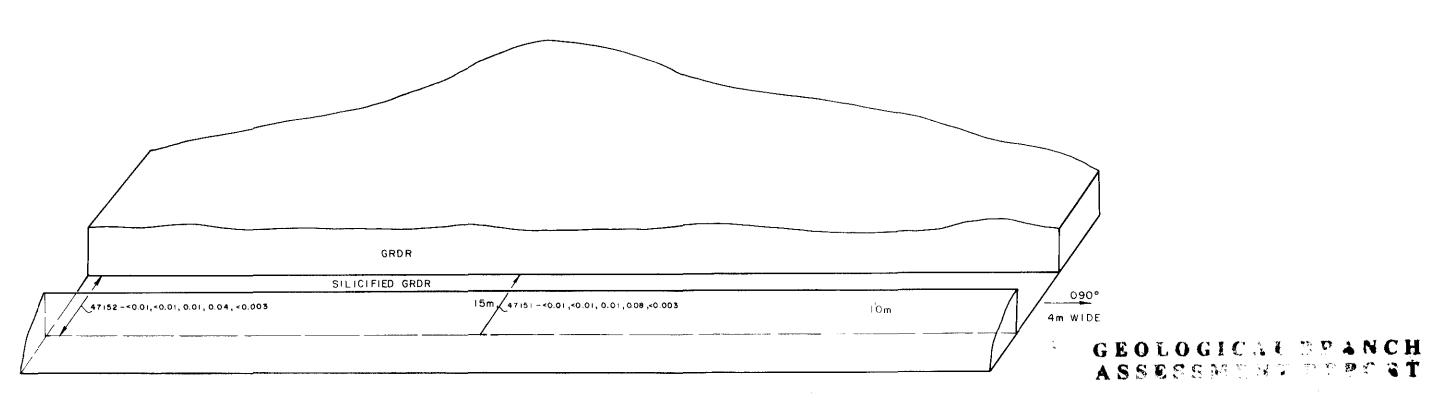
> WOMBAT Au - Cu ZONE TRENCH Nº 5

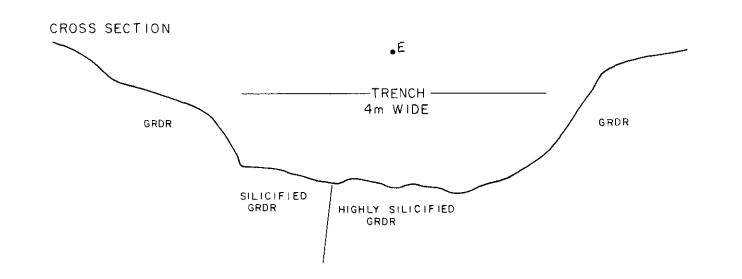
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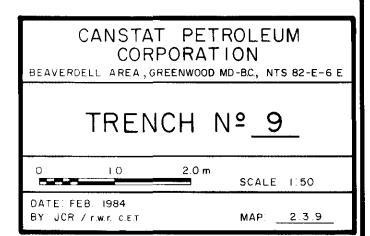
MAP: 2.3.5

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12,754 PART 2 OF 2



TRENCH 7 AND 9

These two trenches were cut across an east-west recessive zone occuring over a silver geochem anomaly. Siliceous granodiorite was exposed in both trenches. Locally, minor disseminated galena and pyrite was seen in trench 9. Chip samples from both trenches gave minimal copper, lead, zinc, silver and gold values. (See Figures 2.3.7, 2.3.8 and 2.3.9).

TRENCH 10

Trench 10 was cut to expose the extension of a known east-west quartz vein and to test for other parallel veins. Two zones with quartz veining in siliceous granodiorite were exposed. Fine grained galena and pyrite were found in the .41 metre wide northern vein. Only pyrite mineralization was seen in the .52 metre wide southern vein. Silver values from chip sample assays were very low. (See Figure 2.3.10).

TRENCH 11

This trench was to expose the extension of the veins in trench 10. Only a .2 metre wide shear zone with unmineralized fault gouge was found in the granodiorite. (See Figure 2.3.11).

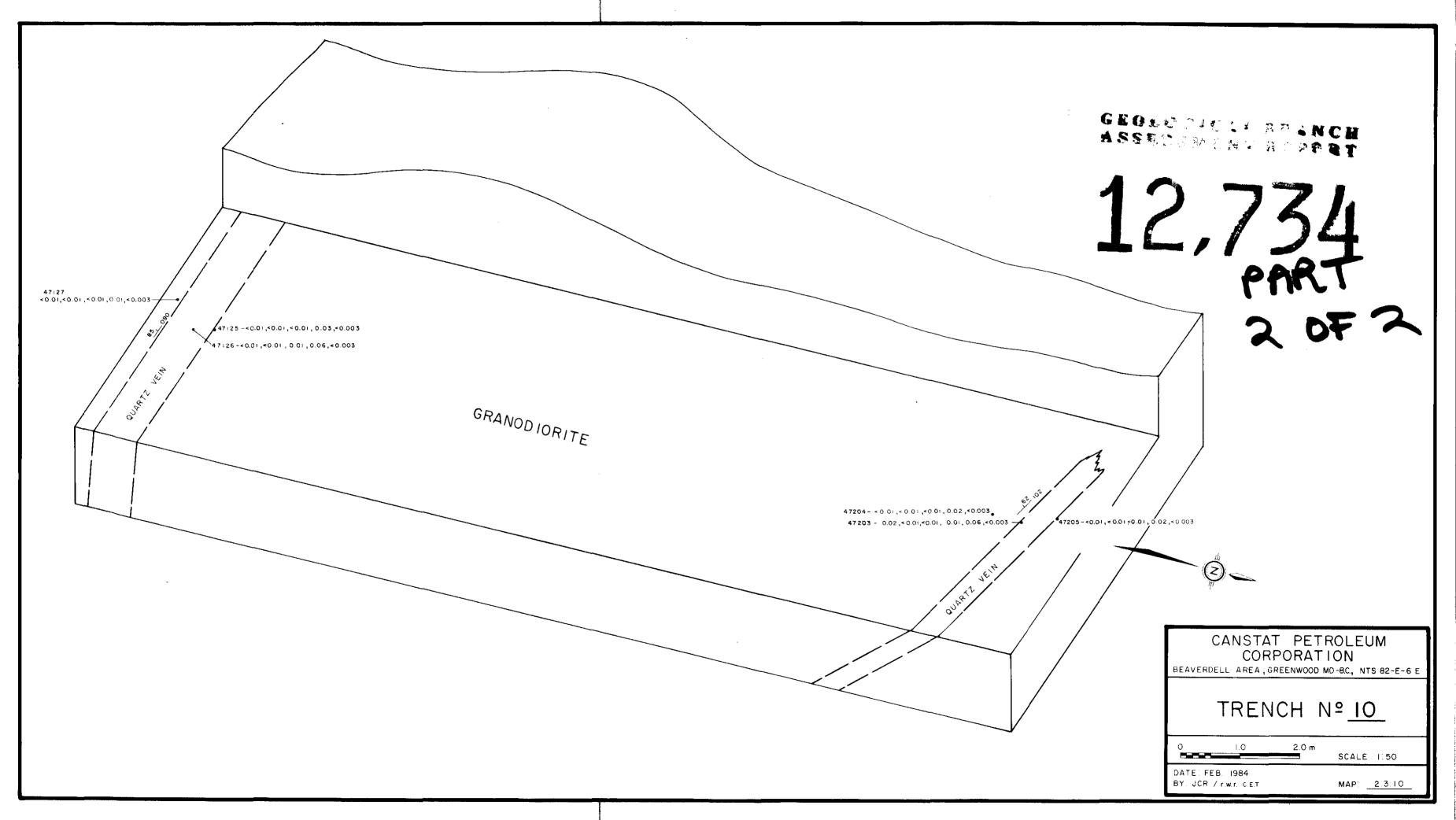
DOMINION 3 - JAY 3 CLAIMS

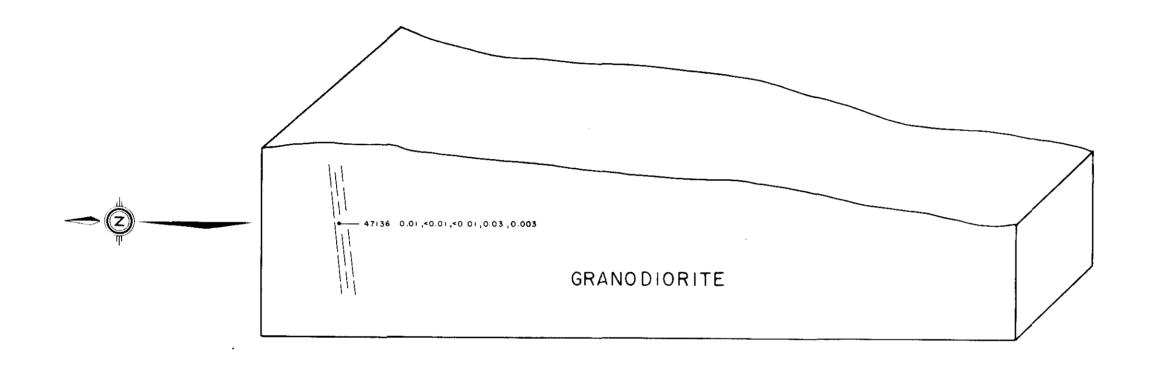
TRENCH 12

This trench was cut on the eastern extent of the Wombat-Babe claims copper geochem anomaly. Within the Nelson granodiorite, a malachite stained quartz pod grades into a siliceous zone striking east-west. Blebs of massive pyrite and chalcopyrite occur in the siliceous zone. Low copper, silver and gold values were obtained from chip sample assays. (See Figure 2.3.12).

TRENCH 13

This trench was cut into the top of the hill on the Wombat copper geochem anomaly. Pyritic andesite with a few quartz stringers was exposed. Gold and silver assay values from a chip sample were minimal. (See figure 2.3.13).





GEOLOGICAL BRANCH ASSESSMENT REPORT

12,734 PART 20F2

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BEAVERDELL AREA, GREENWOOD MD-BC., NTS 82-E-6 E

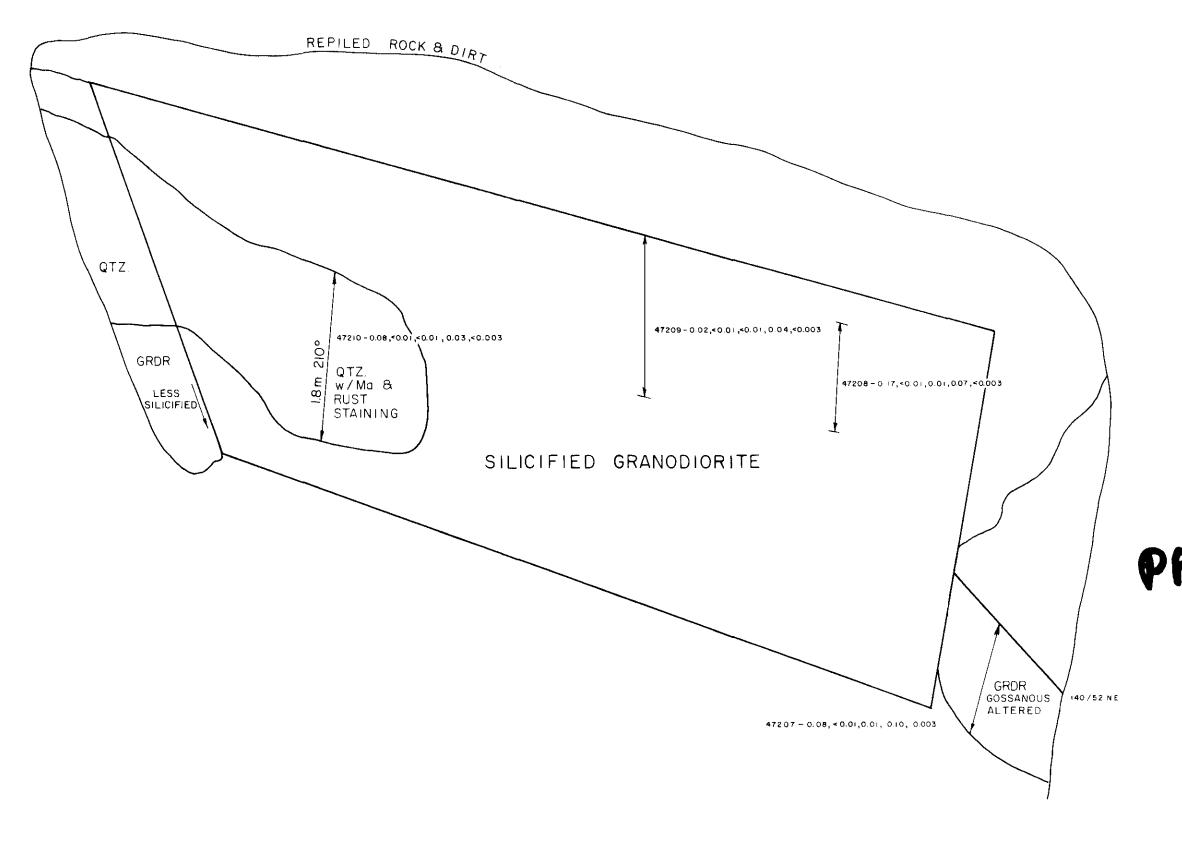
TRENCH Nº II

1.0 2.0

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MAP: 2.1.11



GEOLOGICAL BRANCH ASSESSMENT BERGET

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CANSTAT PETROLEUM CORPORATION

BEAVERDELL AREA, GREENWOOD MD-BC, NTS 82-E-6 E

TRENCH Nº<u>12</u>

1.0 2.0 m

SCALE 1:50

DATE: FEB. 1984 BY: JCR / r.w.r. c.e.r

MAP: 2.3.12

ANDESITE

GEOLOCICAL BRANCH ASSESSMENT PEPORT

-2-12,734 PART 2 0F 2

CANSTAT PETROLEUM CORPORATION

BEAVERDELL AREA, GREENWOOD MD-8C, NTS 82-E-6 E

TRENCH Nº <u>13</u>

1.0 2.0 m

SCALE 1:50

DATE: FEB 1984 BY: JCR / rw.r. c.e.r.

MAP: 2.3.13

The drill core is stored in our old cabin on the Fran claim misor

5. Diamond Drilling its border with the Babe claim

Phil's Diamond Drilling Ltd. of 100 Mile House, B.C. was employed to drill a total of 830 metres (2723') of BQ core (3.65 inch diameter) in 16 holes. Drill hole data is given in Table 5. Locations are given in Appendix I and on Maps 2.1.1, 2.1.2, 2.1.3, 2.1.5 and 2.2. Geology and mineralization in drill holes is described below and on drill logs in Appendix I.

5.1 Geology of Drill Holes

WB-83-1 TO WB-83-4 - WOMBAT CLAIM

These four drill holes tested the copper-gold zone exposed in trench 5.

All four holes were collared in the Nelson granodiorite (below minimal overburden). The first hole intersected an alaskite porphyry dyke in the bottom 9.12 metres. Chlorite alteration and calcite veining is common in the granodiorite especially in fault gouge zones; weak potassic alteration is common throughout; and saussuritization is common at depth. Epidote blebs and disseminated pyrite occur occasionally.

WB-83-2 intersected Only drill hole the copper-gold mineralization. This occured in two siliceous zones separated by .27 metres of moderately chloritic granodiorite. The upper zone is .33 metres of intensely silicified granodiorite carrying malachite, chalcopyrite and pyrite which occurs both as disseminations in the granodiorite and as a massive veinlet within a quartz veinlet. zone assays 0.124 oz/ton gold, 0.32 oz/ton silver and 0.52% copper. The lower zone is .2 metres of strongly silicified granodiorite with disseminated malachite and chalcopyrite. A split sample of this zone assays 0.23 oz/ton gold, 0.29 oz/ton silver and 0.19% copper. approximately the same depth drill hole WB-83-1 intersected a .24 metre rusty zone of siliceous granodiorite containing disseminated pyrite. This zone had assay values of 0.008 oz/ton gold, 0.20 oz/ton silver and 0.11% copper.

DM-83-5, 6 AND 7 - DOMINION 3 AND JAY 3 CLAIMS

Drill holes 5, 6 and 7 tested a shear zone thought to be controlling disseminated malachite, chalcopyrite and pyrite mineralization found at the eastern edge of the Wombat-Babe copper geochem anomaly.

Drill holes 5 and 6 were collared in the Nelson granodiorite and intersect a few narrow zones of microdiorite (a gradational zone in which the granodiorite intrusive has assimilated some of the Anarchist volcanic cap rocks).

Chlorite, saussuritization and siliceous alteration is common throughout; potassic and argillic alteration is weak, occuring occasionally. Chalcopyrite and pyrite mineralization occurs as disseminations and hairline stringers from 5 metres depth to the bottom of the hole. Mineralization increases slightly in the microdiorite. Split samples over 1 metre intervals from most of the core were assayed for copper, gold and silver. Only one sample had a gold value greater than 0.007 oz/ton. This sample assayed 0.046 oz/ton gold, 0.06 oz/ton silver and 0.02% copper.

Drill hole DM-83-7 was collared in microdiorite and intersected mostly the same rock interlayered with hornfels, some granodiorite and a younger hornblende porphyry dyke. Mineralization is weak in this hole and is limited to pyrite.

The hornfels consists of silicified Anarchist caused by contact metamorphism at the time of the Nelson instrusion.

BB-83-8 - BABE-FRAN CLAIMS BORDER

This hole was drilled to test the mineralized shear zone exposed in trench 6 and to test the possibility of other parallel zones.

The entire drill hole intersected Nelson granodiorite. Several shear zones with strong silicification, epidote and chlorite alteration were intersected but were not mineralized.

RB-83-9, 10 AND 11 - RAMBLER CROWN GRANT

These drill holes tested a mineralized quartz vein below levels at which it was previously mined.

All three holes intersected only Nelson granodiorite. Chlorite alteration is pervasive but ranges from weak to intense; silicification is common; potassic and argillic alteration occur occasionally; epidote occurs occasionally as pervasive alteration and in veinlets; and quartz and calcite veinlets occur at random angles. Although several shear zones were intersected, mineralization is limited to weakly disseminated pyrite and chalcopyrite.

DM-83-12 AND 13 - DOMINION 1 CLAIM

These two holes were drilled to test a potential mineralized shear zone on the old Nepanee prospect. Several old workings on mineralized zones were related to a single linear feature thought to be a shear zone.

The drill holes were collared in a tuff and intersected several interbedded tuffs and argillite beds which have been locally altered to hornfels.

Silicification is the strongest pervasive alteration; chlorite occurs in the tuffs but rarely in the argillite. Several breccia fault zones were intersected. Pyrite occurs as disseminations and blebs in quartz veinlets and the country rock but makes up less than 1% of the total rock.

MAY CLAIM

MY-83-14

A silver-lead-zinc geochem anomaly coinciding with a VLF and IP (geophysical) anomaly was tested by this drill hole. The drill was still in overburden at 32.01 metres (true depth 24.52 metres) so the hole was abandoned based on the conclusion that the anomaly must be hydromorphic and not due to a local bedrock source.

MY-83-15 AND 16

These drill holes tested coinciding IP anomalies and silver-lead-zinc geochem anomalies in soil.

Both holes were collared in granodiorite and intersected dykes of alaskite porphyry and andesite. In drill hole MY-83-6 the alaskite porphy grades into granite porphyry at the base indicating that the alaskite dykes are part of the same intrusion. This is thought to be part of the Coryell.

Mineralization consists of disseminated pyrite, galena, sphalerite and chalcopyrite. Silver values are all very low and there are only two one metre intervals in which lead and zinc values reach 1%.

See Appendix I for drill core logs.

TABLE 5
Drill Data

DDH No.	Colla Elev. (ft)			Ovbrdn Depth (m)	Azmth	Collar Incln (Deg)	Dip Angl (Deg)	Tests Depth (m)	<u>Cl</u> aim
WB-83-1	3500	47.71	157	2.74	240	-45	-46	47.71	Wombat
WB-83-2	3500	21.65	71	1.83	240	-7 0	- 69	21.65	Ħ
WB-83-3	3500	26.52	87	2.44	Vertical	-90		-	11
WB-83-4	3500	30.79	101	1.52	240	- 70	-71	29.57	II .
DM-83-5	3400	49.39	162	1.52	070	-45	-44	46.34	Dominion 3
DM-83-6	3400	25.00	82	1.52	070	- 70	-67	23.48	tf
DM-83-7	3400	49.26	161	1.52	090	-60	- 59	44.82	11
BB-83-8	3200	121.04	397	0.91	186	-45	-43	121.04	Babe-Fran
RB-83-9	4450	19.82	65	0.61	000	-85	_	-	Rambler C.G.
RB-83-10	4400	96.65	317	1.22	342	- 70	-75	87.48	tτ
RB-83-11	4340	33.69	110	1.83	000	-45	-48	32.62	11
DM-83-12	5000	39.94	131	6.10	045	-45	-47	38.72	Dominion 1
DM-83-13	5000	53.96	177	5.79	090	-45	-45	30.49	II .
MY-83-14	2500	32.01	103	32.01	155	-50	- 50	26,52	May
MY-83-15	31:50	100.92	331	6.71	145	- 50	- 52	75.31	tt
MY-83-16	3080	82.0	269	4.88	320	- 70 ⋅	- 70	81.4	1r

6. CONCLUSIONS

The results of this programme suggest that the presently known mineralization on this property is comprised of narrow discontinuous sulfide lenses that are uneconomic at this time.

Respectfully submitted,

J.C. Ridley, B.Sc

A.G. TROUP

A.G. TROUP

A.G. TROUP

A.G. TROUP

References

Fraser, D.C. Contouring of VLF-EM Data Geophysics V.34, 1969 No. 6, p.958-967.

Little, H.W. Geology Kettle River 1961 (West Half) British Columbia. G.S.C. Map 15-1961

Troup, A.G. Fran Property, Geochemistry and Geophysics, 1980.

Troup, A.G. & Fran Property, Geochemistry and Ridley, J.C. Geophysics, 1981.

Troup, A.G. & Fran Property, Geology, Geochemistry Ridley, J.C. and Geophysics, 1982

STATEMENT OF QUALIFICATIONS

J.C. RIDLEY, B.SC.

Aca	adei	nic

1978 B.A. Geography University of Western Ontario
1981 B.Sc. Geology University of British Columbia

Practical

1981 - Present Mark Management Ltd. Project Geologist. Involved with geological, geochemical and geophysical aspects of precious metals exploration in B.C.

1980 - 1981

Utah Mines
Vancouver, B.C.

Temporary Summer and parttime Winter Geologist in
Charge of mapping and
diamond drilling of a coal
property in N.E. B.C.
logging of rotary drilling
chip samples on another
coal property in N.E. B.C.

1979
Utah Mines
Temporary Summer. Reconnaissance and detailed
mapping, logging of diamond
drill core on coal properties in N.E. B.C.

STATEMENT OF QUALIFICATIONS

A. TROUP, P.ENG.

ACADEMIC		
1967	B.Sc. Geology	McMaster University, Ontario
1969	M.Sc. Geochemistry	McMaster University, Ontario
PRACTICAL		
1981 -	3605 Creery Avenue. West Vancouver, B.C.	Consulting Geologist with Archean Engineering Ltd.
1977 - 1980	Geological Survey of Malaysia	Project Manager on a CIDA supported mineral exploration survey over peninsular Malaysia.
1969 - 1977	Rio Tinto Canadian Exploration Ltd. Vancouver, B.C.	Geologist involved in all aspects of mineral exploration in B.C., the Yukon and N.W.T.
1968	McMaster University Dept. of Geology Hamilton, Ontario	M.Sc. thesis work. Reconnaissance mapping and geochemical study, Lake Shubenicadia area, Nova Scotia.
1967 (summer)	Canex Aerial Exploration Ltd. Toronto, Ontario	Geologist in charge of detailed mapping and reconnaissance geochemical program in Gaspe, Quebec
1966 (summer)	Mcmaster University Dept. of Geology Hamilton, Ontario	Detailed and reconnaissance mapping in Northern Ontario.
1965 (summer)	International Nickel Co. of Canada Thompson, Manitoba	Detailed mapping in the Thompson area, Manitoba.
1964 (summer)	Geological Survey of Canada Ottawa, Ontario	Regional geochemical survey in the Keno Hill area, Yukon.

COSTS STATEMENT BEAVERDELL AREA CLAIMS GEOLOGY, GEOPHYSICS, GEOCHEMISTRY AND DIAMOND DRILLING 5 April - 20 October 1983

GENERAL COSTS

Food and Accommodation			
5 persons, 268 man days @ \$20.12			\$ 5,392.22
Supplies			2,181.66
Shipping and Postage			195.62
Fuel			1,439.11
Rental EQUIPMENT Mark Management 4WD Blazer,17 days @ \$43 2209 km @ \$0.16 Mark Management 4WD Bronco,87 days @ \$43 11,369km @ \$0.16 Ryder lTon Van,2-5 May,4 days @ \$104.14 Winn Chain-Saw,30May-4Jun,3 days @ \$30 Gabriel Field Equipment,268 man days @ \$6	3	731.00 353.44 ,741.00 ,819.04 416.56 90.00 ,608.00	
Telephone Service			220.00
Repairs			27.00
Fixed Wing FWA, 17 Jun, 1 Csg-Vcr FWA, 13 Oct, 1 Pge-Kel Limo	\$	98.28 109.00 13.30	
Project Preparation/Mobilization			2,535.68
Consultant's Fees Archean Engineering			3,600.00
Report Preparation			5,982.50
TOTAL GENERAL COSTS			\$ <u>30,553.41</u>

GEOCHEMISTRY COSTS

\$14,869.95

Salaries and Wages	
4 persons, 63 man days @ \$77.25	\$ 4,866.75
Benefits @ 20%	973.35
Contract trenching L&D Petch D8K, 27May-3Jun, 42.5hrs @ \$104.46	4,439.50
Assays and Analyses (Chemex Labs) 535 Soils for Cu,Pb,Zn,Ag @ \$6.60 \$3,531.00 141 Rocks for Cu,Pb,Zn,Ag,Au @ \$30 4,230.00 1 Rock for Cu,Ag,Au @ \$26.50 26.50 15 Rocks for Cu,Au @ \$16.50 247.50 2 Rocks for Au @ \$11.25 22.50	
Soil Data Statistics - Chemex Labs	83.12
Geochemical Supplies	162.40
Sample Shipments	124.51
General Costs Apportioned 63/234 man days X \$30,553.41	8,225.92
TOTAL GEOCHEMISTRY COSTS	\$26,933.05
GEOPHYSICS COSTS	
Contracted IP Survey Peter E. Walcott, 8-18 Oct,	\$ <u>14,869.95</u>

GEOLOGY COSTS

Salaries and Wages	
4 persons, 88 man days @ \$77.25	\$ 6,798.00
Benefits @ 20%	1,359.60
General Costs Apportioned 88/234 man days X \$30,553.41	11,490.17
TOTAL GEOLOGY COSTS	\$19,647.77
DIAMOND DRILLING COSTS	
Salaries and Wages 3 persons, 83 man days @ \$77.25	\$ 6,411.75
Benefits @ 20%	1,282.35
Core Drilling - Phil's Diamond Drilling Ltd. 13Sep-24Oct, 2,724 Feet @ \$18.73	51,011.84
Additional Core Splitter	50.00
Assays - Chemex Labs 130 Core for Cu,Ag,Au @ \$26.50 \$3,445.0 10 Core for Cu,Pb,Ag,Au @ \$32 320.0 15 Core for Pb,Ag,Au @ \$26.75 401.2 28 Core for Ag,Au @ \$14.25 399.0 34 Core for Pb,An,Ag @ \$21.75 739.5 49 Core for Cu,Pb,Zn,Ag @ \$22.05 1,080.4 7 Rocks for Cu,Pb,Ag,Au @ \$32.50 227.5 4 Rocks for Cu,Pb,Ag,Au @ \$32 128.0 2 Rocks for Pb,Ag,Au,As @ \$34.75 69.5 2 Rocks for Pb,Ag,Au @ \$26.75 53.5 1 Rock for Cu,Pb,An,Ag,Au 30.0 2 Rocks for Pb,An,Ag,Au 30.0 2 Rocks for Pb,An,Ag,Au 30.0 2 Rocks for Pb,An,Ag,Au 30.0 3 Rocks for Ag,Au @ \$21.25 42.5 3 Rocks for Ag,Au @ \$21.25 33.7 1 SSA 30-element 30.0	00 25 00 45 50 50 60 60 60 60 60 60
Shipments	69.60
General Costs 83/234 man days X \$30,553.41	10,837.32
Total Diamond Drilling Costs	\$ <u>76,861.56</u>
	======



212 BROOKSBANK AVE NORTH VANCOUVER, B.C. V7J 2C1 CANADA

TELEX. 043-52597

TELEPHONE (604) 984-0221

· ANALYTICAL CHEMISTS

- GEOCHEMISTS

· REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CANSTAT PETROLEUM

1500-675 W.HASTINGS ST.

VANCOUVER B.C.

V6B 1N2

CERT. # : A8311734-001-A

INVOICE # : 18311734

DATE : 14-JUN-83

P.O. # : NONE

ATTN: JOEY RIDLEY

_									
		Prep	Çu	Pb	Zn	Ag			٦
		code	ррп	ррm	ppm	mag			1
	5mN of L1 a75 m	204	15	14	200	0.1			1
	10mN of L1 @ 75m	204	9	11	117	0.1			Т
	5mS of L1 275 m	204	9	10	142	0.1			Т
	10mS of L1 @ 75m		21	16	123	0.2			
	5mN of L2 a 400m		16	14	81	0.1			
	10mN of L2 2400m	204	22	9	90	0.1			
	5mN of L2 a 495m	204	9	7	113	0.1			
	10mN of L2 a495m		11	12	106	0.1			
	5mN of L3 @ 400m		16	17	119	0.1			ı
	10mN of L3 @400m		8	9	132	0.1			l
	15mN of L3 @400m	204	8	8	118	0.1			
	20mN of L3 2400m		9	5	109	0.1			
_	25mN of L3 @400m		9	3	178	0.1			
	30mN of L3 2400m		10	8	97	0.1			
			9	7	88	0.1			
	5mN of L3 2495 m	204	20	15	1800	0.3			ı
	10mN of L3 2495m	204	17	15	900	0.8			ł
	15mN of L3 2495m		6	9	178	0-1			
	20mN of L3 @495m		9	7	190	0.1			
	25mN of L3 2495m	204	19	16	220	0-1			l
	30mN of L3 a495m	204	18	13	195	0.2			
	35mN of L3 2495m		14	12	181	0.2			
	40mN of L3 2495m	204	9	8	104	0.1			ŀ
	45mN of L3 2495m	204	7	4	72	0.1			l
	50mN of L3 2495m	204	9	9	120	0.1			
	5mS of L3 &495m	204	35	12	710	0.7			
	10mS of L3 0495m	204	9	7	212	0.1			l
	2937 L1 00 m	204	48	17	161	0.1		~-	
	293 7 L l 05 m	204	35	16	154	0.1			
	2937 L1 10 m	204	22	12	169	0.2			l
	2937 Ll 15 m	204	20	10	50	0.1	~~ ,		ł
	2937 Ll 20 m	204	28	15	81	0.3			1
	2937 Ll 25 m	204	25	15	94	0.7			İ
	2937 Ll 30 m	204	43	16	72	1.0			İ
	2937 L1 35 m	204	34	11	138	0.8			1
	2937 L1 40 m	204	37	11	178	0.5			
	2937 L1 45 m	204	38	9	300	0.4			
	2937 L1 50 m	204	18	9	150	0-1			ĺ
$\overline{}$	2937 L1 55 m	204	24	7	156				l
١.	2937 L1 60 m	204	29	9		0.2			
		207	47	У	119	0-1			ĺ





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CERTIFICATE OF ANALYSIS

CERT. # * A8311734-002-A

INVOICE # : 18311734 DATE : 14-JUN-83

P.O. # : NONE

TO : CANSTAT PETROLEUM

1500-675 W.HASTINGS ST. VANCOUVER 8.C.

V6B 1N2

	ATTNO INCH O	TOLEY						
	ATTN: JOEY R Sample		£.,	D.			 	
	description	Prep code	Cu	Pb	Zn	Ag		
	2937 L1 65 m	204	ppm 22	ppm	mag	ppm		
	2937 L1 70 m	204	20	10	110	0.2		
	2937 L1 75 m	204		9	81	0 • 1		
	2937 L1 80 m	204	18	10	201	0.2		
			11	7	134	0-1		
		204	40	11	81	0.2		
	2937 L1 90 m 2937 L1 95 m	204	24	9	152	0-1		
	2937 L1 95 m	204	28	9	92	0-1		
		204	27	13	138	0.1		
	2937 L1 105 m 2937 L1 110 m	204	26	11	111	0.1		
		204	27	6	118	0.2		
	2937 L1 120 m	204	43	10	93	0.3	~~	
	2937 L1 125 m	204	20	5	107	0.3		
	2937 L1 130 m	204	21	8	83	0.3		
()	2937 L1 135 m	204	24	12	140	0.1		
	2937 L1 140 m	204	17	9	155	0.2		
	2937 L1 145 m	204	15	9	163	0.1		
	2937 L1 150 m	204	12	7	144	0.3		
	2937 Ll 155 m	204	17	9	98	0.2		
	2937 L1 160 m	204	1 C	8	250	0.2		
	2937 L1 165 m	204	14	9	209	0.3		
	2937 Ll 170 m	204	24	10	125	0.1		
	2937 Ll 175 m	204	13	8	128	0.2		
	2937 LI 180 m	204	25	12	173	0.7		
	293 7 Ll 185 m	204	12	10	143	0.1		
	2937 Ll 190 m	204	26	9	117	0.1		
	2937 Ll 195 m	204	11	10	121	0.2		
	2937 L1 200 m	204	20	10	139	0.4		
	2937 L1 205 m	204	13	12	189	0.2		
	2937 L1 210 m	204	12	7	189	0.1		
	2937 L1 215 m	204	13	13	170	0.3		
	3297 L1 220 m	204	6	4	84	0.3		
	3297 L1 225 m	204	10	12	118	0.1		
	3297 L1 230 m	204	24	10	102	0.6	- -	- -
	3297 L1 235 m	204	13	12	128	0.1		
	3297 L1 240 m	204	23	13	108			
	3297 L1 245 m	204	25	13		0 • 2		
	3297 L1 250 m	204	20	12	178 143	0.1		
	3297 L1 255 m	204	22	10	163	0-1		
	3297 L1 260 m	204	12			0.1		
j	3297 L1 265 m	204		10	135	0 - 1		
<u>`</u>	2531 PT 500 W	204	19	10	122	0.1	 -	





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TO : CANSTAT PETROLEUM

1500-675 W.HASTINGS ST.

VANCOUVER B.C.

V6B 1N2

CERT. # : A8311734-003-A

INVOICE # : 18311734

DATE : 14-JUN-83

P.O. # : NONE

ATTN: JOEY RIDLEY

	ATTN - JUET K	IDLEA							
	Sample	Ргер	Cu	Pb	Zn	Ag			_
	description	<u>code</u>	ppm	ppm	ppm	ppm mqq			-
	2937 L2 135 m	204	80	18	147	0.7			\dashv
	2937 L2 140 m	204	16	9	72	0.1			-
	2937 L2 145 m	204	24	8	114	0.1			-
	2937 L2 150 m	204	23	12	124	0.1			- 1
	2937 L2 155 m	204	11	10	175	0.1			-
	2937 L2 160 m	204	15	10	154	0.1			-
	2937 L2 165 m	204	9	9	171	0.2			ĺ
	2937 L2 170 m	204	18	9	100	0.2		- <u>-</u>	-
	2937 L2 185 m	204	20	12	136	0.1			
	2937 L2 190 m	204	17	10	178	0.1			1
	2937 L2 195 m	204	20	11	177	0.2			-
	2937 L2 200 m	204	23	10	120	0.1			1
_	2937 L2 205 m	204	23	17	185	0.1			1
	2937 L2 210 m	204	21	9	83	0.1			1
`′	3297 L2 215 m	204	11	8	118	0.3			1
	3297 L2 220 m	204	27	9	21 C	0.6			
	3297 L2 225 m	204	23	14	123	0.1			1
	3297 L2 230 m	204	14	9	84	0.1			1
	3297 L2 235 m	204	11	10	101	0.1			
	3297 L2 240 m	204	12	60	325	0.3			i
	3297 L2 245 m	204	29	13	218	0.1			1
	3297 L2 250 m	204	16	11	135	0.2		- -	
	3297 L2 255 m	204	12	92	311	0.9			
	3297 L2 325 m	204	9	5	55	0.2			
	3297 L2 340 m	204	10	6	148	0.1			
	3297 L2 345 m	204	10	6	128	0.1			1
	3297 L2 350 m	204	12	7	98	0.1			1
	3297 L2 355 m	204	16	8	146	0.1		- -	
	3297 L2 360 m	204	18	9	134	0.1			l
	3297 L2 365 m	204	11	10	129	0.1			
	3297 L2 370 m	204	12	8	118	0.1			
	3297 L2 375 m	204	24	8	101	0.4			
	3297 L2 380 m	204	33	15	94	0.9			
	3297 L2 385 m	204	28	11	82	0.5			ĺ
	3297 L2 390 m	204	27	13	87	0.2			
	3297 L2 395 m	204	16	8	92	0-1			
	3297 L2 400 m	204	16	16	93	0.1		~-	
	3297 L2 405 m	204	11	8	101	0.1		~-	
$\overline{}$	3297 L2 410 m	204	21	9	118			 ,	
)	3297 L2 415 m	204	16	12	208	0.1	~	~-	
		·			200	0 • 4		~-	



Haut Bichler Certified by ..



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212 BROOKSBANK AVE NORTH VANCOUVER, BC CANADA V7J 2C1

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CERTIFICATE OF ANALYSIS

TO : CANSTAT PETROLEUM

1500-675 W.HASTINGS ST.

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VANCOUVER B.C.

V6B 1N2

CERT. # # A8311734-004-A

INVOICE # : 18311734

DATE : 14-JUN-83

P.O. # : NONE

ATTN: JOEY RIDLEY

	Sample	Prep	Cu	Pb	Zn	Ag		
	description	code	mag	ppm	ppm	ppm		
	3297 L2 420 m	204	9	8	83	0.2		
	3297 L2 425 m	204	10	11	137	0.2		
	3297 L2 430 m	204	22	22	120	0.9		!
	3297 L2 435 m	204	11	14	288	0.5		
	3297 L2 440 m	204	12	19	402	0.3		
	3297 L2 445 m	204	10	8	340	0.1		
	3297 L2 460 m	204	25	15	120	1.1		
	3297 L2 465 m	204	24	18	184	1.4		
	3297 L2 470 m	204	10	8	158	0.5]
	3297 L2 475 m	204	a	3	72	0.1		
	3297 L2 480 m	204	7	4	83	0.1		
	3297 L2 490 m	204	21	11	105	0.1		
	3297 L2 500 m	204	10	9	94	0.1		
	3297 L2 505 m	204	10	9	92	0.1		
\mathbb{R}^{I}	3297 L2 510 m	204	9	5	77			
	3297 L2 515 m	204	ģ	3	96	0.1 0.1		
	3297 L3 310 m	204	Ś	4	44	0.2		
	3297 L3 315 m	204	23					
	3297 L3 320 m	204	50	8 12	123	0 • 4		
	3297 L3 325 m	204	26		153	2.0		
	3297 L3 330 m	204		7	127	0.3		
	3297 L3 335 m	204	9	8	118	0.2		
			10	9	89	0•2		
		204	10	9	99	0.1		
		204	10	8	83	0.1		
		204	10	7	166	0.1		
	3297 L3 355 m	204	15	10	83	0.1		
	3297 L3 360 m	204	10	7	78	0.2		
	3297 L3 365 m	204	25	6	110	0.1		
	3297 L3 370 m	204	13	10	120	0.1		
	3297 L3 375 m	204	10	6	99	0.1		
	3297 L3 385 m	204	10	7	115	0.1		
	3297 L3 390 m	204	11	8	107	0.1		
	3297 L3 395 m	204	12	7	116	0.1		
	3297 L3 415 m	204	10	2	96	0.1		
	3297 L3 420 m	204	15	5	138	0.1		
	3297 L3 425 m	204	9	4	124	0.1		
	3297 L3 430 m	204	10	10	198	0 • 2		(
	3297 L3 435 m	204	54	1200	226C	15.1		
	3297 L3 440 m	204	11	106	1060	5.3		
<u> </u>	3297 L3 455 m	204	11	21	325	0.4		



Haut Bichler Certified by ...



212 BROOKSBANK AVE NORTH VANCOUVER, B C. CANADA V7J 2C1

TELEPHONE (604) 984-0221 TELEX 043-52597

· ANALYTICAL CHEMISTS

· GEOCHEMISTS

· REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERT. #

A8311734-005-A

INVOICE # : 18311734

DATE

: 14-JUN-83

P.O. #

: NONE

TO : CANSTAT PETROLEUM

1500-675 W.HASTINGS ST.

VANCOUVER B.C.

V6B 1N2

ATTN: JOEY R	IDLEY						
 Sample	Prep	Cu	Pb	Zπ	Ag		
description	code	ppm	ppm	mag	ppm		
3297 L3 460 m	204	10	11	160	0.6		
3297 L3 465 m	204	10	9	73	0.5		
3297 L3 475 m	204	9	7	76	0.4		
3297 L3 480 m	204	10	9	115	0.2		
3297 L3 485 m	204	26	12	610	0.6		
3297 L3 490 m	204	48	16	1800	1.9		
3297 L3 495 m	204	44	21	2120	1.0		
3297 L3 500 m	204	9	8	780	0.1		
3297 L3 505 m	204	10	11	1100	0.1		
3297 L3 510 m	204	9	8	405	0.1		
3297 L3 515 m	204	22	17	610	0.9		
32 97 L3 520 m	204	28	17	140	1.0		

Hart Bichler Certified by ...



· ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA V7J 2C1

TELEPHONE: (604) 984-0221

TELEX. 043-52597

CERTIFICATE OF ANALYSIS

TO : CANSTAT PETROLEUM

1500-675 W.HASTINGS ST. VANCOUVER B.C.

V6B 1N2

CERT. # : A8311885-001-A

INVOICE # : 18311885 DATE : 21-JUN-83

P.O. # : NONE

ATTN: JOEY RIDLEY

Sample	Prep	Cu	Pb	Zn			
description	code				Ag		
LINE #1 SAMPLE	1 204	ppm	ppm	ppm	<u>p p m</u>		
LINE #1 SAMPLE		14	13	135	0.2		
		18	14	165	0 • 2		
		21	13	138	0.2		
LINE #1 SAMPLE		13	11	183	0.1		
LINE #1 SAMPLE		16	9	158	0.2		
LINE #2 SAMPLE		15	10	93	0.1		
LINE #2 SAMPLE	2 204	14	10	83			~~
LINE #2 SAMPLE		20	12		0.1		
LINE #2 SAMPLE				140	0 • 2		
LINE #2 SAMPLE		18	12	230	<u>_0.4</u>		
	5 204	<u>1</u> .8	15	110	0-1		
LINE #4 a50m 1	204	Ĩ7	7	" 7 6	0.1		
LINE #4 a50m 2	204	45	10	120	0-6		
LINE #4 a50m 3	204	15	4	75	0.1		_ _
LINE #4 a50m 4	204	16	11	88	0.1		
LINE #4 a50m 5	204		12				
(LINE 1 a 125m		20 <u>43</u>		<u>1</u> 58	0.1		
LINE 1 a 125m 2		43	9	110	0.1		
J		22	8	93	0.2		
1		15	9	60	0.2	~-	~~
LINE 1 a 125m	204	23	13	7 5	0.2		→ -
NOTE ! CHUIS OF 1-10	ح شم مم سع				-		

NOTE: SHOULD BE LINE 4 25 175m
PLOTTED AS LINE 9 24 125m



Certified by StruttBichler

HOLE NO. WB-83-2 | Page 1 of 1 Diamond Drill Record LOCATION: Beaverdell, B.C. PROPERTY: Fran 70 0 CONTRACTOR: Phil's Drilling DIPS - collar AZIMUTH: 240 CLAIM NO. <u>69</u> ° LOGGED BY: ELEVATION: 3500 Wombat - 21.65 $^{\rm m}$ JC Ridlev SECTION NO. 8+56mE 20+83mE DATE: LENGTH: 21.65 m 19/09/83 STARTED: CORE SIZE: BO 16/09/83 m COMPLETED: 16/09/83 PLRPOSE: **VEINLETS MINERALIZATION** ALTERATION (W M.S.I) and ROCK DESCRIPTION INTERVAL sauserite chlorite anhydrite granular act - chi chi - cp act - py py - po cpy epidote calcide Minerals % vein/diss Name colour, texture, size & % Metres argillic Remarks minerals or fragments matrix P. Po Cpy Mag Mo TØ from Remarks (vein sequence, gouge zones etc.) Casing 1.83 Overburden W Fault gauge @ 6.26 m W W w 1.83 8.69 GRDR - Med. grained yein &Vein & diss EIN Tel 9'13" 9:20 GRDR silicified/Ma CP Py in Assay 95257 8.69 9.02 Qtz Mto W 9.02 10.25 GRDR s W Assay 956.53 **(1**% GRDR - MA + CP specs dissemin-10.25 10.45 W W 10.45 21.65 GRDR -E.O.H

365 / **3**

					Ass	ay Data S	heet				HOLE NO	WB-83-2	Page 1	of 1	
f rom m	To m	Length m	Ag 02/1	Au g/t N A	Αυ <i>Φ</i> 2/τ ΙΛ	Cu %	Cu ppm	l- ppm	Mo ppm	W ppm	Rock	Sample Number			
			0.32		0.124	0.52			1		silic. GRDR	05257	Ma CP Pyc	ios & Valt	∩+
8.69	9.02	.33			0.030	0.19	<u> </u>		-		GRDR	1	Ma CP dis	1 .	
10.25	10.45	.20	0.29		0.030	0.17	 		<u>†</u>		CARLIR	732.03	10.		
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LOCAI	ION :	<u> </u>]			() iam	ond	D	riil	Record				HOL	E NO). WB-8	3-3	Р	age	1	of :	<u>L</u>	_			
az imi	TH:	Vertical	DIPS - collar	c		0		C	ON	TRA	ACTOR: Phil's Diamond	Dri	Lling	ı	PROPERTY: FRAN												
ELEVA	TION	3500	- n		,,,	0		L	OG	GEE) BY: J.C. Ridley				CLAIM NO. Wombat												
ENG		26.52m	- n	- m • DATE: 20/09/83							SECTION NO. 8+55mE 20+655mN																
2013				3		0			-								STARTED: 17/09/83										
PERPO			· · · · · · · · · · · · · · · · · · ·						•			-			СОМ	PLET	ΓΕD ‡ ₁₈	/09	/83								
INTERVAL ROCK DESCRIPTION						ALT	ERA	TJO	N (W.:	M.S.I) and	·	MI	NER.	ALIZAT			VEINLETS									
		Name colour textur	e size & %			[Sne	ţ.	li.	,	М	inera	1s %	vein/d	iss	= ;	1691	- - -	رجاء		≌ ≅	g g	ļ			
	Metres Name colour: texts			argillic	2 5	5 =	ξE	號	ori	ass	Remarks	<u> </u>			1 1	Interval (metres)	1	nula C	act = cp	5	annyorite	epidote calcite					
from to Remarkstvein sequen	ce, gouge zones etc.)	argi	unn Seri	brown biotite	SE	SHEERBans	chlori	potassic		P _y	Po	ру Мад Мо		_ <u>_</u>		=	878 301	E S	ê Î	M	cal						
											Casing 6'																
0		Overburden		W			w		w		Ca-Hrline											9() 25 /AC//	t			
2.44		GRDR- GRDR-Diorite bands		W	1		W	 	w	1	hairline He in Ca 35 C/A eP 3								1			— Ы С.) 'A]			
7.46 8.83		GRDR-DIOTILE Bands	· · · · · · · · · · · · · · · · · · ·	W			м	М	<u> </u>	M	Ep 10mm												11 CZ	$\frac{1}{\Delta}$			
9.61		GRDR- green-altere		Ť		†		s	s																		
9.01		Cal veining	<u> </u>	T		1		<u> </u>																			
9,93		GRDR-fault gouge		ī	1			<u> </u>	I		Diss. blebs 95264	1%															
		GRDR-	·	W			 		Мt	٥	He w/Ca Assav 95265						12.89 to 99	*				70 C)) 'A C]t			
		GRDR-		w		 			Ī	W	Py al. Otz veinlet	1%										80) i	٦t			
12. /T	20.7.	GRDR-		1			1-			"-	Assay 95266 15.71 to 76					-								Ţ			
				 	T		†			1	Ca.veinlet 2cm @ 19.5													7			
			71- 5 05-	1	†—		-				Chlorit. shear // C/A	1 1												7			
		Aplitic vein -Kspa	ar, Plag. & Otz.	 	+		ļ · · · ·	w to			1													1			
20.90	25.88	GRDR-		W		-	-	M	S	_ W _	Increasing alteration towards base-fault	 		+	+ +	_	-	\vdash	 		-	\dashv		1			
. <u>-</u> -		·		+-	+	-	-	 	\vdash	+	gouge w cal. veinlets @ 24:59 & 22.87 Assays 22.00 to 23	\vdash	+		+ +	+	1	 	<u> </u>		-		+	†			
	<u>-</u>		<u> </u>	+	+	\vdash		 	 	+	23 to 24, 24 to 25		+	+	+ +			 	 		+-			†			
· -				-	-	 -	 	 	\vdash		25 to 25.88			-	-			 	 		+	_	+	7			
		Dyke - Otz-Kspar-1	Plag Porphyry-Al	•	inte	\vdash	ļ	s_	 _	1.7	Assay 95271	 	-	+	 	+			一			\dashv	-	\dashv			
26.24	26.5∶ €.0.#	GRDR		W	<u>i</u>	1	М	М	S	W	Assay 95272	<u> </u>			<u> </u>		Ţ	<u>. </u>	<u> </u>		<u> </u>	i_	_1	٢			

					Ass	ay Data S	iheet				HOLE NO	WB-83-3	Page 1	of 1
I-rom m	To m	Length m	Ag cz/t	Aug/t NA	Au ←²/t F A	Cu %	Pb %	F ppm	Мо ррт	W ppm	Rock	Sample Number		
9.93	10.03	0.10	0.06		L0.003	K0.01			-		GRDR	95264	Py in fl	gouge:
12.89	12.99	0.10	0.02								GRDR	65	He in Ca	lcite
15.70	15.80	0.10	0.12		l-	0.09					GRDR	66	Py in Qt	: v.
22.00	23.00	1.00	0.01		0.008	20-01	0.08				GRDR	67	GA, Py	
23.00	24.00	1.00	0.02		40.003		40.01				GRDR	68	fgr. Py	
24.00	25.00	1.00	0.01			ч.	14				GRDR	69	Рy	
25.00	25.88	0.88			44	1.	3.				GRDR	70	Ру	
25.88	26.24	6. 36	1.	1	•	ų	ų				Alaskit	71	Py	
26.24	26.52	0.28	0.02		h	n,	'4				GRDR	72	no sulph:	des
21.00	22.00	1.00	0.01		•,	4	4				GRDR	73	Py, b≱,c	?
20.00	21.00	1.00	0.14		11	٠,	١.				GRDR	74	Ру	
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Diamond Drill Record LOCATION # HOLE NO. WB-83-4 Page I of 1 CONTRACTOR: Phil's Drilling DIPS - collar AZIMUTH: 2400 PROPERTY: Wombat - Fran CLAIM NO. Wombat ELEVATION: 3500 - 29.57 ^m 71 LOGGED BY: J.C. Ridley SECTION NO. 8+91.5mE 21+10mN LFNGIH: 30.79m/101* DATE: 20/09/83 STARTED: 18/09/83 CORE SIZE: BQ m COMPLETED: 19/09/83 PLRPOSE : ROCK DESCRIPTION ALTERATION (W.M. S.I.) and MINERALIZATION **VEINLETS** INTERVAL sausserik chlorite Metres Name colour: texture: size & % Minerals % vein/diss granular act = chl chl = cp act = py py = po cpy anhydrite argillic quarit -sericite brown brottle seliciti -cation minerals or fragments, matrix Remarks from Py Po Cpy Mag Mo. Remarks(vein sequence gouge zones etc.) 0 1.52 Overburden Casing 5 0° to 60° GRDR - aplitic veins at 249 to 2.62 4.63 to 4.67 Ca.vein 1,5cm 3,24 1.52 14.97 W W 6.23 to 6.28 8.91 to 8.94 diorite bands small ep. blebs @ 8.56 to 8.61, 11.87 to 11.97 14.97 15.97 GRDR-M W SW Py blebs w/ Ca veinlets 0° to GRDR - rock is very broken 15.97 18.34 M. М S 200 Assay 95279 - 81 15.97 to 16.76 16.70 to 17.55 17.55 to 18.34 18.34 21.17 GRDR-W W 20° 20° 10° 0° to 30° 21.17 21.35 GRDR - shear - very altered s S S 21.35 30.79 GRDR - med grained M M Occas, aplite veins C/A C/A E.O.H 2cm fault gouge at 30.79 35°C/A ep. blebs occas.

ويعرسه أأو

Assay Data Sheet HOLI NO WB-83-4 Page 1 of 1 Sample Rock W ppm Cu % Cu ppm F ppm Mo ppm Au g/t N A Auo4/t Ag 02/1 To m Length Number From ŀΑ 95279 GRDR 20.003 LO.01 0.01 1.00 15.97 16.97 0.02 GRDR 95280 0.008 0.12 0.61 16.97 17.58 95281 Рy 60.01 GRDR 20.003 0.76 0.26 18.34 17.58

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LOCAT	HON :	Beaverdell, B.C			1	Dian	bnor	Dt	rili	Record					НC	LE	NO.	• DM-8	—— 3~5	T	Page	- 1	0	; f		ļ
			DIPS - collar		45 °		C	CONTRACTOR: Phil's Drilling							PROPERTY: Fran											
ELEVA	ATION	3400°	- 46.34 m					LOGGED BY: J.C. Ridley							CLAIM NO. Jay 3-Dominion											
LENGTH: 49.39m 162' - m									DATE: 21/09/83						SECTION NO. 10+90N 24+75E											
CORE SIZE: BQ - m																STARTED: 20/09/83										
PLRP	ose :														CO	MPI	_ETI	EĐ+	21/0	09/8	33_					
INTERVAL ROCK DESCRIPTION					ALT	ER	ATIC) N (W. 3	1.S.1) and		!	MIN	ERA	LIZ	ATIC	NC				V	EIN	LETS	s		
Met	res	Name colour: textur	e: size & %				ens	H.	l v		N	Aine	rals	% ነ	ein/	diss	s	a s)	٤	-=	ے		ů.			
	minerals or fragme			argillic	2 5 5 5	12.5	2 E	Chlor	Potassic	Remarks				<u> </u>				Interval (metres)	1	151	11	Py - Po	anhydrite	9010010	calcite	
from		Remarkstvein sequen	ce gouge zones etc)	argi	quart/ - sericite brown biotile	Sellic	盐	C P	S.		Py	Po	Сру	Mag	Mo			<u> </u>	25	gra ac L	: E:	र्व है	를 다 를	1	g g	}
	1.50	Overburden					† "			Casing 5'									Γ							
		GRDR-	· · · · · ·	W		-	w	W		He + ep 90 C/A												T		90°	O C/A	to
		GRDR-		W			м	M	v.w	CP Py Strngrs 30 to 50	V/r	K 1%	V/D							\top			\top		45°	
3.04	0.00	0.01		1						@ 5.86 & 6.72 C/A	1									\top		\top	T			
0.00		GRDR-		 		S		s		CP, Py Strngrs & diss.	V _D		У /р						\Box							
8.08	13.30	fault gouge 8.45	+- 0 50	†		<u> </u>		3.		CEFET DEINGLA & VIAA										T]
		I. Cal stringrs 9.		1	1			1												1						
2.5. 5.6	15 40	Microdiorite-	72 (0 10.23							increased CP & Py diss. & str	V / D		у _{Д.}	1	olek	(è	13.	28	T		T			T		
13.50	13.48	upper cntct - 60	to 90° C/3		 		\dagger			I calcite stringrs al	1	J	<u> </u>							1			T		1	
		lower - 20°							1	1 0010100 5011.0515 01													T	T		
15 40	40 30	GRDR	<u>C/11</u>	W	 	W	W	м	1	CP & Py 1% strngrs &	dis	s.							T			1	1		40°A	1
13.40		fit gge. 22.00 to	22.13	†"					1 -	35° + 60°C/A He on frctrs										\Box						
	E	11.0 990. 2000 0							1	Cal strngrs 65 C/A off	set								1	1			1	1		
-							1	-	 	by flt.10 C/A @ 26m CP 1cm wide @ 30.67 2	20°, C	A							\vdash	+	†	+	+-	†		
		-		+	 	I-			1		pr.c,	/.A					1			+	+	+	+-	1	-	
		22 62 11 22 22		+	 	s		ļ_	IM.	@ 31.80m decreasing CP & Py									<u>†</u>	+	1	+	+	1	1	
		38.61 to 38.81 42.50		+		5		┼┷	<u> </u>	Ep + Kspar 40 C/A v.1			-						 	 	+	+	+-	†	1	
		42.50 44.15 to 44.90 fl		+	 		W	<u> </u>	W	Ep. + Kspar 40 C/A v.]	 							-	-	+	+	+	+	+		
	<u>1</u>	44.80 flt gge 35	C/A	<u>t</u>	<u> </u>	M	W	IS_		<u> </u>	Щ.		1	<u> </u>	Щ.		1		Щ	т_	Т	—	Т.	т	4	ļ



Assay Data Sheet HOLE NO DM-83-5 Page 2 of 4 Sample W nom Rock Cu % Mo ppm Cu ppm F ppm Au g/t Auos/t Ag 02/1 Number To Length From FΑ NA CP, Py 95275 0.05 GRDR 20.003 0.01 6.34 0.50 5..84 95276 CP. PV 0.25 .5 0.04 6 84 6.34 95277 CP. Pv. 0.03 0.004 7.45 .61 0.16 6.84 95278 CP, PY 0.02 <0.003 0.01 8.08 .63 7.45 95282 CP, Py 0.006 0.10 0.01 8.56 .48 8.08 95283 CP, Py 0.09 0.005 .50 0.01 9.06 8.56 95284 CP, Py 40.003 20.01 .50 0.12 9.06 9.56 95285 0.004 0.01 .50 0 01 9.56 10.06 ft 95286 **F**\$ 0.003 20.01 0.02 10.56 .50 10.06 31 <0.003 95287 0.14 11.06 50 10.56 95288 CP. Pv 0.08 .50 11.56 11.06 CP. PV 95289 0.01 1.00 11.56 12.56 95290 CP, Py 0.04 1.00 0.007 12.56 0.01 13.56 Microdorite 95291 CP, Py 0.08 .50 13.56 14.05 0.10 95292 97 0.25 14.65 .60 0.14 14.05 95293 ŧ, 14.65 15.48 .83 0.22 0.06 GRDR 95294 ŧc 1.02 16.50 0.01 15.48 0.02 95295 ŧ 1.00 16.50 17.50 0.04 LO.01 r, 95296 1.00 18.50 0.01 17.50 ... 95297 4(1.00 19.50 0.01 18.50 ts 95298 tt 0.06 1.00 20.50 19.50 95299 0.02 20.50 21.50 1.00 n ** 95300 0.03 22.50 1.00 21.50 - 4

of 4 Assay Data Sheet HOLE NO DM-83-5 Page 3___ Sample Rock Cu % W ppm Au 07/1 Cu ppm F ppm Mo ppm Au /t Number To Length Ag 02/1 1-rom NA ŁΑ 83410 GRDR CP, Py 40.003 10.0> 23.50 1.00 10.0 22.50 23.50 24.50 0.02 10.0 24.50 25.50 3 26.50 63 0.19 25.50 0.07 0.16 27.50 26.50 5 0.06 28.50 80.0 27.50 6 0.03 29.50 80.0 28.50 7 10.01 29.50 30.50 0.24 8 31.50 0.31 30.50 0.06 9 0.12 31.50 32.50 0.28 20 10.01 32.50 33.50 0.04 21 0.06 33.50 34.50 2 35.50 0.06 34.50 11 3 20.0 36.50 35.50 4 37.50 0.02 36.50 5 10.0 38.50 10.0 37.50 6 10.0 10.0 38.50 39.50 7 10.0 80.0 39.50 40.50 8 Q.03 41.50 0.06 40.50 9 42.50 11 10.0 41.50 0.06 30 42.50 43.50 10.0 0.06 1 9.04 44.50 43.50 0.22 2 45.50 44.50 10.0> 0.04 3 0.05 46.50 45.50 80.0

Assay Data Sheet HOLE NO DM-83-5 Page 4 of 4 Sample W ppm Rock Cu % F ppm Au*or*∕t F∧ Mo ppm Au g/t NA Cu ppm Number To m Length m Ag 04/1 From m 83434 <0.003 0.05 80.0 47.50 1.00 46.50 0.02 80.0 0.06 48.50 1.00 47.50 40.03 0.02 0.06 49.39 .89 48.50

- 42

Diamond Drill Record HOLE NO. DM-83-6 Page 1 of LOCATION: Beaverdell, B.C. PROPERTY: Fran CONTRACTOR: Phil's Drilling DIPS - collar AZIMUTH: CLAIM NO. LOGGED BY: Jay 3-Dominion ELEVATION: 3400 - 23.48 ^m 67 J.C. Ridley SECTION NO. 10+90N 24+75E DATE: 25.00 m LENGTH: 22/09/83 STARTED: 22/09/83 CORE SIZE: COMPLETED: 22/09/83 PURPOSE # MINERALIZATION VEINLETS ALTERATION (W. M. S. I.) and ROCK DESCRIPTION INTERVAL sauss-eritized CHLORITE qtz. - Mo Minerals % vein/diss Interval (metres) anhydrite epidote Name colour: texture: size & % chi - ch py - po cpy - po Metres Remarks minerals or fragments: matrix. Po Cpy Mag MolGa from to Cc Remarks (vein sequence, gouge zones etc.) Casing 5' 1.52 Overburden Rk well broken to 7.28m 1.52 6.58 GRDR-Kspar-Ep. V. 4cm @ 4.80m 50° C/A CP & Py diss.@ 5.16 strnger @ 4.90 65° C/A D 80° 11 to 20° Otz vl. 30° C/A 3mm C/AC/A 6.58 10.46 GRDR - green CP. Py GA? Disseminated shear zone 6.58 to 7.19 Assay Otz 11 C/A Ep. Cal. Otz 70 C/A @ 9.55 to 9.65 CP 80 C/A Microdier inclusion@ 9.89 M W CP strngrs 80 C/A 10.4613.90 GRDR- med.grained М Cal. strnger shot through 13.9015.26 Microdiorite- Dk green Py > Cp diss. GRDR D €R 40° C/A CP diss. GRDR-micrdi incwi@15.82 to 15.96 M М D 15.2616.61 Cal strngrs shot thrigh V W Microdiorite D/ 16.6119.11 15 C/A common Pv)CP diss GRDR GRDR incl. 18.88 to 18.96 S М 19.1125.00 GRDR GA, CP, CC, PY @ 23.24 to 29 v v ٧ l t E.O.H flt bouge \$ brx 20.50 to 21.28

Assay Data Sheet HOLE NO DM-83-6 Page 2 of 2 Sample οz W ppm Cu % F ppin Rock Mo ppm Au g/1 Aug/t Cu ppm To Length Ag g/t From Number NA FΑ PY, CP 0.01 83437 0.003 0.01 GRDR .02 0.61 7 19 6.58 8 0.003 0.01 .04 8.23 1.04 7.19 9 0.06 0.003 1.14 .06 9.37 8.23 40 0.003 0.01 .04 10.46 1.09 9.37 1 0.003 0.04 .02 11.61 1.15 10.46 0.003 0.08 2 .04 11.61 12.76 1.15 3 0.003 0.01 0.6 13.90 1.14 12.76 Microdionie 0.003 0.01 4 1.36 .01 13.90 15.26 5 GRDR 0.003 0.01 1.35 .06 16.61 .15.26 Microdio. 6 0.02 0.003 17.86 0.99 .02 16.61 1.25 17.86 19.11 0.003 0.01 .04 8 GRDR 19.11 20.00 0.89 0.003 0.05 .16 9 0.01 0.003 20,00 21.00 1.00 .10 50 0.003 0.03 0.01 22,00 1.00 .02 21.00 83409 0.003 0.01 0.01 1.00 23.00 .04 22.00 95151 0.003 0.01 0.05 24.00 1.00 .34 23,00 4 95152 0.01 0.003 0.01 25.00 1.00 .02 24,00

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OCATION: Beaverdell, B.C.	DIPS - collar			•		C	0NI	- RA	CTOR: Phil's Drilling	r		<u> </u>		PRO	PERT	Y: F	ran								
CIMETH: 090°			<u>60</u> _ 59	0					BY: J.C. Ridley	<u> </u>				CL.	AIM I	VO. _Д	omi	nic	on :	<u>}</u>				[;]	
ELEVATION: 3400'	- 44.82 ^m		59	•	-	7			24/09/83			_				NO.					;+ c	ΘE			
LENGTH: 49.26m	m			•		-			24/05/03							23									
CORE SIZE: BQ		 -				<u> </u>			<u> </u>				-			TED:				1					
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from to Remarks tvein sequen		argillic	quartz	brown biotite	Silicit	sausserit	chlorite	potassic	Remarks	Py	Ро	Сру	Mag	Мо		Interval	- H	三班— 71b	grani	55	py - po	anhydrite	epidote	calcite	
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					1				Ep & Py strngrs &diss	1	i	5					_		↓	<u> </u>	ــــــــــــــــــــــــــــــــــــــ	_	60° C/A 10°20 E/A	200	
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0.76 19.36 Microdiorite			-		5		3		Siliceous zones w/Cal strngrs X cutting & Ep., Py diss. blebs]					_		\downarrow	1_	<u> </u>	\perp	 	ــــ	-
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Diamond Drill Record Page 2 of 3 HOLE NO.CM-83-7 VEINLETS MINERALIZATION ALTERATION (W.M.S.I) and ROCK DESCRIPTION INTERVAL anhydrite granular act - chl chl - cp act - py py -- po cpy epidote calcite chlorite Minerals % vein/diss potassic Name colour: texture: size & % Metres Remarks minerals or fragments: matrix. Py Po Cpy Mag Mo from Remarks(vein sequence, gouge zones etc.) 34.64 34.71 Microdiorite 34.71 34.79 Fault Breccia 34.79 34.99 Microdiorite Μ M 34.99 35.33 GRDR М М 35.33 35.51 Microdiorite s W 35.51 35.87 GRDR М М 35.87 40.47 Microdiorite I 40.47 41.08 Hornfels?-V. fgr. dk.bwn. and Microdiorite 41.08 48.00 Fault breccia Microdiorite & hornfels 22cm fault gouge at base 48.00 49.26 I Hornfels Е.О.Н

to 90°

of 3 Page 3 Assay Data Sheet HOLE NO DM-83-7 Sample Mo Z W ppm Rock F ppm ('u % Number Cu ppm Au g/t Au oz/t Ag 02/1 Length To 1-rom FΑ NΑ m 95153 Microdia 40.003 0.10 2.50_ 0.98 1.52 0.02 1.00 2.5 3.5 5 4 1.00 0.01 4.5 3.5 6 41, 0.06 5.5 1.00 4.5 7 0.003 0.14 6.7 1.00 8 GRDR 0.003 0.14 1.00 7.7 6.7 9 40.003 1.00 0.01 8.7 7.7 60 42 1.00 0.04 9.7 8.7 1. k 1.00 10.7 9.7 Microdi 2 Ę 11.7 1.00 10.7 3_ 4 4 1.00 12.7 11.7 **Hornfels** Ç, 0.06 0.94 20.30 19.36 5 4 0.95 0.04 21.25 20.30 4 6.06 0.95 22.20 21.25 7 0.003 GRDR 0.04 29.35 1.00 28.35 8 0.024 4, 0.10 1.00 30.35 29.35 9 11 0.002 0.04 31.35 1.00 30.35 70 0.003 r. 0.09 1.00 32.35 31.35 1 0.001 *4 1.00 0.06 33.35 32.35 2 L0.001 1.00 0.01 34.35 33.35 3 44 0.29 34.64 0.04 34.35



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from to	minerals or fragme Remarks (vein seque	nts: matrix nce,gouge zones etc.)	argillic	quarit sericite	brown biotite	silicifi cation	ausserit	chlorite	potassic			Py	Ро	Сру	Mag	Мо		Interval (metres)	2 2	granular act - chl	-5a	py - p	an a	epidote	calcite
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6.23 6.	53 GRDR- fine grai	ned	_	<u> </u>		M			ļ			-			+			+	T	╫	+				
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	8.52 to 8.55 fl	t.brx.chlortsilic	_	-	<u> </u>	 	<u> </u>	<u> </u>	¦	<u> </u>		-				-	+-	 	+	╂-	+-	+		┝╾┥	
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silic, chl. GRDR between

HOLE NO. Page 2 of 3

INTERVAL	ROCK DESCRIPTION			ALT	ER/	AT IO	N (W. N	M.S.I) and			MIN	ERA	LIZ	ATI	ON		<u> </u>		VE	INL	ETS		
Metres from to	Name colour: texture: size & % minerals or fragments: matrix. Remarks(vein sequence, gouge zones etc.)	argillic	quartz - sericite	brown	siliciti cation	sausserit	chlorite	potassic	Remarks	-	1	Τ.	% Ма	ī	/dis	s	Interval (metres)	qtz - Mo	granular act - chl	chi – cp act – py	py – po cpy	anhydrite	epidote	calcite
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56.5463.17	GRDR-	<u> </u>	<u> </u>		W		Mţ°	<u> </u>		<u> </u>		<u> </u>	igspace	1_	<u> </u>	 	<u> </u>		ļ	-	_	_	25°	<u>27a</u>
63.1766.40	GRDR- several zones of				М		Sto	<u> </u>		1_	_	ļ		<u> </u>	_	<u> </u>		 	\bot	_	 	 _	\sqcup	<u> </u>
	brx & flt gge increasing									\downarrow	↓	<u> </u>	1		ļ	_	<u> </u>	ļ		_	<u> </u>	<u> </u>	_'	
66.4071.83	GRDR shear zones				s		I	ļ ŧ							↓	<u> </u>		<u> </u>	\downarrow	_	ļ. —	<u> </u>	<u> </u>	<u> </u>
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71.8374.10	GRDR-				s		s										<u> </u>	<u> </u>	-	<u> </u>	_	ļ	<u> </u>	<u> </u>
	usu < 10cm wide several zones of flt.brx & gge.												1	<u> </u>						<u> </u>	<u> </u>		<u> </u>	
74 1079 20	GRDR-weak shear zone	Γ			w		W					_		<u>l</u> .							ļ. <u>.</u>	<u> </u>	<u> </u>	<u> </u>
74.1076.20	chl. incress to w/ base 76.36 to.5	•															<u> </u>							
78 2081 97	7 GRDR -~50% flt brx & gge		1		s	1	Sto	,	Calcite & He 30°75°C	/Å														
81.9783.00		T		1	s		s	1																20°
} 	O GRDR - weak shearing	 		 	s		I	1	Occas. epidote blebs					1										
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84.30112.39	<u> </u>	+-	+	+-	- M	+	 "	1	Chi. veins to 2 cm w	ide	 	1		1				1		20 C/2	A -			C/A
	aplitic zone 90.43 to 90.51	+	+-	+	+	+		†		1		1-	1				<u> </u>							
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	75 GRDR - few gge zones	+	+-	-	S	+-	1	 	Assay He, Py	-	+	+	+	+	1	+-		-	+		+	†		-/-
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Assay Data Sheet Page 3 of 3 HOLE NO BB-83-8 Sample Rock W ppm Mo ppm Cu % P6% . F ppm Number Au g/t Au odt Length Ag 02/1 To From EΑ NA 95558 GRDR 40.01 40.003 0.02 1.02 27.77 27.25 95557 28.77 0.12 27.77 1.00 Vi. 95553 0.02 28.77 29.77 1.00 95552 15 0.04 30.77 1.00 29.77 95551 0.06 30.77 31.77 1.00 95174 0.02 79.20 1.00 78.20 95175 44 t• 0.02 80.20 79.20 1.00 95560 ft 113.45 0.01 112.39 1.06 95561 4 114.51 0.18 113.45 1.06 95562 114.51 115.57 1.06 0.04 95563 11 £ŧ 116.64 0.02 115.57 1.07 95564 117.75 116.64 1.09 0.06 95554 0.02 1.00 43.00 42.00 95555 0.10 44.00 1.00 43.00 95556 0.01 14.00 45.00 1.00

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				Ass	ay Data S	hect				HOLE NO	RB- 83-9	Page 2	ທ໌ 2
To m	Length m	Ag oz/t	Aug/t NA	Au≎z/t IA	(°u %	Cu ppm	F ppm	Мо ррт	W ppm	Rock	Sample Number		
		0.04		∠0.003						GRDR	95178	СР	
1			-	٤٠						GRDR	95179	Py, Chl.	
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	To m 4.54 9.82	4.54 0.5	m m 4.54 0.5 0.04	m m NA 4.54 0.5 0.04	m m NA IA 4.54 0.5 0.04 ∠0.003	m m NA IA 4.54 0.5 0.04 \(\alpha \cdot 0.003 \)	m m NA IA 4.54 0.5 0.04 \(\alpha \).003	m m NA IA 4.54 0.5 0.04 \(\infty 0.003 \)	10 t.ength Mg 627 Mg 27	10 t.ength Mg 627 Md 27	To Length Ag 02/1 Au 2/1 Au 2/1 Cu 7/0	To m l.ength M oz/t Au g/t NA LA Cu 9m I ppm Mo ppm W ppm Rock Number 4.54 0.5 0.04	To m length m Ag oz/1 Au g/1 NA I A Cu ppm I ppm Mo ppm W ppm Rock Number 4.54 0.5 0.04

Diamond Drill Record HOLE NO. RB-83-9 | Page 1 of 2 10CATION: Beaverdell PROPERTY: Fran CONTRACTOR: DIPS - collar AZIMUTH: 000° Phil's Drilling CLAIM NO. Rambler C.G. LOGGED BY: m J.C. Ridley ELEVATION: 4150 SECTION NO. DATE: 0 29/09/83 LENGTH: 65' · 19.82m STARTED: 27/09/82 0 m CORE SIZE: COMPLETED: 28/09/82 PLRPOSE: VEINLETS **MINERALIZATION** ALTERATION (W.M.S.I) and ROCK DESCRIPTION INTERVAL anhydrite granular act - chl chl - cp act - py py - po cpy potassic Minerals % vein/diss pidote chlorite Name colour: texture: size & % Metres argillic quart? -sericite brown biotite silicifi -cation Remarks minerals or fragments: matrix. Py Po Cpy Mag Mo Remarks (vein sequence, gouge zones etc.) from Casing Overburden .61 W S1. shear @ 1.97m W GRDR - oxidized to 2.10 .61 4.04 Ep & He @ 50°C/A w/CP strurs 1% 3cm S GRDR - silic zone 4.54 4.04 W М GRDR - bleached decrs's 4.54 7.1d chl. incrs' tow base W W 7.16 13.97 GRDR-SIto М GRDR- strongly altered 13.97 14.53 W-I chl. zones incrsng W 14.53 19.58 GRDR - bleached tow. base OT # М ľ [Py М GRDR 19.58 19.82 EOH

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Diamond Drill Record RB-83-10 Page | of 3 HOLE NO. 10(A110N: Beaverdell PROPERTY: Fran 70 CONTRACTOR: DIPS - collar Phil's Drilling AZIMUTH: 342* CLAIM NO. Rambler C.G. LOGGED BY: 75°° J.C. Ridley - 87-48 m ELEVATION: 4400' SECTION NO. DATE: 30/09/83 LENGTH: 96.65m 28/09/83 STARTED: 0 CORE SIZE: BO COMPLETED: PLRPOSE: **VEINLETS** and MINERALIZATION ALTERATION (W.M.S.I) ROCK DESCRIPTION INTERVAL anhydrite epidote granular act - chl chl - ep ad- py py - po cpy chlorite Minerals % vein/diss ausserit potassic Name colour: texture: size & % Metres Remarks minerals or fragments: matrix. Py Po Cpy Mag Mo Remarks(vein sequence, gouge zones etc.) from Casing 4' 1.22 Overburden 50 W ep. pervasive & vnlts. 6.92 GRDR - sl. bleached base WW 1.22 chl. 40° C/A М 7.86 GRDR - bleached 6.92 brkn rk- calcareous 7.59 to7.76 open space filling $\mathbf{w} \cdot \mathbf{w}$ W 7.86 10.12 GRDR Cal vnlt. 5cm C/A +30 W 10.12 13.17 GRDR WWW W 13.17 15.97 GRDR М 15.97 26.61 GRDR - green 30% recovery Py+f.gr flt.gge.@ 16.15 to 16.50 50° Py. diss, in Otz. vnlt. 16.94 flt. gge. @ 18.31 to 18.47 wk.sheer 18.42 to 18.73 of C/A strngrs Otz. Ynlts. flt.gge, 19.74 to 19.78 -38 2 Cal.30° C/A 23.5 & 24.7 flt.gge.24.59 to 24.73 Ep. 70° C/A

MWSW

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26.61 28.69 GRDR

Diamond Drill Record

HOLE NO. RB-83-10 Page 2 of 3

INTE	RVAL	ROCK DESCRIPTION			ALT	ER/	TIO	N C	W. N	M.S.() and		ł	NIN	ERA	LIZ	TA.	ON				VE	INL	ETS		
Met		Name colour: texture: size & %	ic	- <u>2</u>	ے م	: <u>,</u> _	erite	chlorite	potassid	Remarks	ļ	Mine	rals	%	vein.	/dis	s	Interval (metres)	- 新	granular act – chi	da 1	od	anhydrite	ote	calcite
from	to	minerals or fragments: matrix. Remarks(yein sequence_gouge zones etc.)	argill	quartz sericite	brown biotit	silici callo	ausserit	ch10	pot:	Nemara 3	Py	Po	Сру	Mag	Мо			Inte (me	412	gran act-	chl	cpy –		epidote	calc
28.69	48.05	GRDR	Mto Wto				w			Ep. v. occas. He	_	_		<u> </u>		_	-		-					30° C/#	
	-	shear zones @ 35.67 to 36.71	s_		_		to M	to M			-	-	-		-	╁—	-	<u> </u>	-	\vdash					_
		37.40 to 37.60	ļ	_	_				ļ. <u>-</u> .	<u> </u>	-	-	ļ	-	┼-	+	-		-	╂					
		rk.well broken & soft 35.47.45	-	├	_	_	-	-	-	intense chlorite zone w/ Py diss 43.30to.72		-	-	\vdash	\vdash	-	+	 	1	 					
		argillic alt.moderate to Shere	-		-		-	$\mid -$	<u> </u>	w/ Py diss 43.30to./2	25	 		-	╁╌	\dagger	-		1					7	
		all alteration incrsing tow-bas	i	 	-	 	-				\vdash				1-	-									
		soft and well broken 43.36 to 46.	65 W	\vdash	 	-		s	W		T														
	48.99 54.65	GRDR flt.gge,@ 48.33	W	†	 	w		Wto											Ļ						
		GRDR flt.gge.& brx						ī		Ру	13	L		_	_	_				<u> </u>	<u> </u>				400
	57.94	<u> </u>	W_				W_	Sto	₩.	Ch1. 55 C/A	_	<u> </u>	<u> </u>		<u> </u>	-	-	<u> </u>	↓		<u> </u>	$\left - \right $		50	40 ⁰ C/A 65°
		GRDR Dior. zone @ 63.94	М	1_			W	igspace	М	Incrsing Cal. vnlts.		<u> </u>	_	_		-	╂		//	-	<u> </u>	-		50° C/⊉	C∕A
		sl. shear w/ Qtz.vnlt.@ 68.84	L	<u> </u>	ļ_		<u> </u>	<u> </u>		towna	-	-	├-	 	╀	<u> </u>	╂	ļ	CIA	 -	 				Į. –
69.39	72.29	GRDR	<u> </u>	<u> </u>		s_	W	<u> </u>	W.		_	┼	-	╀	\vdash	_	╂	-	╁		-				¦ - С⁄≱
72.29	72.48	GRDR	M_	 	_	-	W.	W.	_		-	╁	\vdash	╁┈	┼╌	+	+	┼	十	+	├				_
72.48	73.34	GRDR	W	╂—	 	\vdash	1	Př.	l.	He @ 45° C/A	-	+		╁╌	╁╴	╁┈	 	╁┈	╁	+	 			_	30°
	75.85		<u> </u> M_	\vdash	╁−	<u>M</u>	W	 	W	incrsng ep. & K alt Py.Co	/1.	╁┈	K18	+-	+-	T	1	 	T	\dagger				20°. C/2	40 ³
	78. <u>67</u>	<u> </u>	-	┤─	+-	s	s w	M M	l M	Chl tow base	11.3	T	1	+	1	<u> </u>				十				29°A	30°A
	B6.09		W	+-	+	S	s	<u> </u>	In In	Carty's CON DOSC		\dagger	1											40°A	lo° c∕a
-	87.21 96.65		м	1	T	M	1 -	W	W	Rock v. brkn.from														<u> </u>	30°. C/A
37.23	E.O.H									90.55 to 95.60		1	_	<u> </u>	1	_		<u> </u>	1_	<u> </u>	_		 		// C/P
										Cal. vnlt to 5cm	1_							1]		<u> </u>

					Ass	ay Data S	licet				HOLE NO	RB-83-10	Page 3	of 3
f rom m	To m	Length m	Ag oz/l	Aug/t NA	Au∞z/ι FA	(°u %	Cu ppm	F ppm	Mo ppm	W ppm	Rock	Sample Number		
15.97	16.50	.53	0.04		<0.003	•					GRDR	96195		
	17.0	.5	0.10			<0.01					"	181		ļ
16.50		.5	0.06			< 0.01						3		<u></u>
17.0	17.5	.5	0.01								11	4		
17.5	18.0	.5	0.06								tr	5		<u> </u>
18.0	18.5										п	6		
18.5	19.0	.5	0.10			-					ıı ı	7		<u></u>
19.0	19.5	.5	0.24								п	8		
19.5	20.0	.5	0.12			₹0.01					11	180		
20.0	20.5	.5	0.02	<u> </u>			 		 		11	189		
20.5	21.0	.5	0.04	 			<u> </u>	 			"	90		
21.0	21.5	.5	0.06_	 			 	 		 	"	11		
21.5	22.0	.5	0.02	<u> </u>				 		 	"			
22.0	22.5	.5	0.02				 	 		 	11	2	 	
22.5	23.0	.5	0.01				<u> </u>	<u> </u>		 	 	3	 	
23.0	23.5	.5	0.02	<u> </u>					<u> </u>	 	"	4	 	
26.00	26.61	.61	0.10			<0.01			<u> </u>		11	95182	<u> </u>	
75.86	76.70	.84	0.06			40.01	<u> </u>			 	"-	94196	 	
76.70	77.20	.5	80.0			< 0.01			<u> </u>	ļ		7	 	
77.20	77.70	.5	0.04			10.0>					"	8		 -
77.70	78.20	.5	0.10			0.03					11	9		
78.20	78.67	.47	0.12		+	(0.0)			<u> </u>		"	95200		
86.90	86.65	.56	80.0		0.003	10.0					11	95501	<u> </u>	
86.65	87.21	.56	0.06	 	<0.003	0.01					11	95502	ļ <u> </u>	ļ <u> </u>
86.65	07.21	1	† <u> </u>	1	1						<u> </u>		1	

. 00:43	105:	Beaverdell]			D	i2 m	ond	Dri	i1 L	Record						НО	LE NO	• RB-8	33-1	1 P	age	-	0[2	7.
AZIMI		000.	DIPS - collar	45	 5	0		C	0N1	RA	CTOR:	Phil's Drillin	ıg				PRO	PERT	Y: F	ran						
			- 32.62 m			0		L	ogo	ED	BY:	J.C. Ridley					CL	AIM N	0.	Ra	mble	er C	.G.			
	TION	4310 33.69m	_ m			•		a	ATE	:	03/	10/83			•		SEC	TION	NO.							
LENG			_ m			•		1		_							STA	RTED	1 .	02/	10/8	33				
	SIZE																CO	MPLET	ED:							
PLRP		ROCK DESC	PIPTION			ALT	ERA	TIO	N C	w. N	I.S.I)	and		ı	AINI	ERA	LIZA	TION		Π		VE	INL	ETS		
INTE						_		70.1					N	line	rals	% v	cin/	diss	= :	٩	٦	حه		2		
Me	tres	Name colour: textur minerals or fragmen	e: size & %	lic	- 2 !!c	و ۽	<u>.</u> =	Ser	rite	ıssi(F	lemarks			1				interval (metres)	1 Mo		11	od -	anhydrite	epidote	calcite
from	to	Remarks(vein sequent	ce gouge zones etc.)	argillic	quartz sericite	brow bioti	silicifi cation	sausserite	chlorite	potassic			Py	Ро	Сру	Mag	Мо		E E	qtz	ar Si	55	py – po cpy	ant	ebī	g
-	1.83	Overburden									Casing	6'						_ -	 	igspace	 	<u> </u>	<u> </u>	 		
1.83	 			W			W	W	W	W	ļ <u>.</u>				झर		[<u> </u>	╀	—	<u> </u>	\vdash	 	100	1
	12.60						м	W	W	М	Ma on E	ctr//to 10 w/ ep.,		<u> </u>	udr.				<u> </u>	╀-	┼-	-	 		100 111 110 110	100
	33.69			W			W	W	Wto	W	Diocpod	e 13.00 Py			_				ļ	╀	┼-	<u> </u>		 	cla	c/A
<u> </u>	ЕОН	intensly chlor.	shears @ 30.79						M		Py bleb @	15.85		<u> </u>	↓				<u> </u>	igapha	↓_	 				20° c/A
	 	gouge 31.75 to									<u> </u>	. <u></u>						_	<u> </u>	丄	—	<u> </u>			\bigsqcup	
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Assay Data Sheet

l rom m	To m	Length m	Ag 02/1	Au g/t NA	Au coz/t I· A	("u %	Си ррт	F ppm	Mo ppm	W ppm	Rock	Sample Number		
8.40	9.00	.6	0.18		<0.003	0.04					GRDR	95503		
9.00	9.5	.5	0.16	-	0.004	0.05					*	95504		
9.5	10.00	.5	0.10		€ 0.003	0.01						95505		
10.00	10.50	.5	0.10		< 0.003	0.02						95506		
10.50	11.00	.5	80.0		< 0.003	10.0					•	95507		
11.00	12.00	1.00	80.0		< 0.003	0.02					<u> </u>	95508		
11.00		 	0.00											
	 	 												
	 		 											
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HOLE NORB-83-11 Page 2

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		Beaverdell .	DIPS - collar		 45	•		C	ONT	R.A.	CTOR: Phil's Drilling	7	_	_					Fran							
AZIMU		045	- 38.72 ^m		45_ 47	•		_			BY: J.C. Ridley	1				CL	AIM	NO.	Dom	— inic	n 1					
ELEVA			m	_	4/	•		D.	ATE	:	6/10/83								0.			PANE	E			
LENG		39.94m 131'	- m			•		+					-			STA	RTE	D٤	5,	/10/	 ′83 _					
CORE		BQ	<u> </u>													CO	MPLI	ETE) <u>:</u>							
PLRPO		2004 0556	CRIPTION	_		ALT	FRA	TIO	N ()	W. N	1.S.1) and		N	AINE	ERA	LIZA	TIO	N		Г		VE	INL	ETS		
INTE	RVAL	ROCK DESC		_									line	rals '	97_ U	ein /	dicc	Ι,		c			\neg	آي		
Mct	res	Name colour: textur		je	 !c	ے د	: :==	- 21			Remarks	<u> </u>	·····	1413	70 ·	· · · ·		_	r va tres	Σ ι	릙	CZ L	e l	anhydrite		
from	το	minerals or fragment Remarks(vein sequent		argill	quartz sericite	brow	silici calio	green Silicate				Py	Po	Сру	Mag	Мо			Interval (metres)	qtz	granular act — chi	다. 다.	àà	anh		
	6 10	Overburden									Casing 20'	_								<u> </u>			_			
H		Tuff										<u> </u>	_					-			\vdash		\longrightarrow			
6.59		Argillite									Calcite matrix Brx to 9.26	$oldsymbol{ol}}}}}}}}}}}}}}}}}}$	╙							<u> </u> '			<u></u> -Ì	-		40°
		Hornfels-Arg & An	ad. intr.bd				s				Bedding 10 C/A	<u> </u>	<u> </u>				_			<u> </u> _						40° C/A
9.05	23.07	flt.gge & silic b							W		chlorite pervasive							_ _		<u> </u> _					 	
						İ					Py blebs in Otz.									$ldsymbol{oxedsymbol{oxedsymbol{eta}}}$			—-			
-		flt.gge_& brx @]		1	\vdash						sev.brx.zones	<u> </u>						_ _								
<u> </u>	 	flt.gge.& calcite		1	1															_		Ш				
	 	& brx. to arg. gge.@ 13.54	10.40	1		i —				1	Py	<u>P</u>	B _		<u> </u>			\perp		<u> </u>						ļ
		flt.gge.& brx. @	•	1						Γ]	1											ļ		ļ
				1	1 -	1	Sto	1	Site	 	pervasive chlorite													<u> </u>		
23.07	28.25	Hornfels - Arg. &		1	†	 	1	-	i	i	bedding 15 C/A	Τ														
	 	And is intenslychlenit	, -	1	╁	!	_	 		\vdash	Bedding 15 C/A	1	T													
	<u> </u>	23.07 to .17 bles		╁	╁╌	╂	┼	┨──	 	 -		1	+			П				\top						
		brx.zone 30° C/A		╫	\vdash	╁	-	+	Win	\vdash		1	_	+	_	$\vdash \dashv$	1			T						
28.25	39.9	Hfels-Argillite-	bleached zones	+-	+	+-	s ble	ach nes	ed In	一	Py blebs in Otz.	1-		1	-	\Box	\dashv	十		†						
·	<u>н.о.</u> д	occas. brx.zones		1-	╂-	-	ZOI	nes	╂-	┼	or vnlts. 60° C/A	+	+-	┼╌			+	一十		\vdash		\square				
	ļ	incrsing bleache		╂	╢	┨	╂	\vdash	 	-	bedding 50° C/A	1	+	1	\vdash	$ \neg $	\dashv	\dashv		T				-		
1		37.63 to 38.29	98% bleached	1		ل	<u> </u>	<u> </u>	1		fault brx 36.89 to 39	114	1	J	Щ	<u>!</u>				ـــــــــــــــــــــــــــــــــــ		ļ .				

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				Ass	ay ()ata S	hect				HOLE NO	DM -83- 12	Page 2	oſ	2
To m	Length m	Ag dz/l	Au g/t NA	Auo√t I [°] A	('u %	Си ррт	F ppm	Mo ppm	W ppm	Rock	Sample Number			
 	 	0.04		40.003						Hfels-Ang.	95811	 	+	
				0.003				ļ		 	95512	 	+	
				4 م.003				<u> </u>		<u> </u>	95513		+-	
	1			40.003						And Arg	955 24		+	
		0.12								 	95230			
		0.18		0.407	1					Hornfels	95514	 		
		1								Arg.	95515			
											95516	ļ	<u> </u>	
			 	1		1					95517		 	
			 		 						95518	<u> </u>		
											95519	<u> </u>		
31.25	.50		- 		 						95520_			
31.75	-50	0.04	 -		 	 								
32.25	.50	0.06			<u> </u>	 -	 	 	 	 				
32.75	.50	0.06	<u> </u>	<0.003			 	+	 	 		 		
33.23	.48	0.04	<u> </u>	<0.003		- -	 	 	 	 -'	75023		1	
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	To m 9.76 10.26 19.10 24.41 24.96 29.75 29.25 29.75 30.25 30.75 31.75 32.25 32.75	To Length m 9.76 .50 10.26 .50 19.10 .86 24.41 .58 24.96 .55 29.75 .50 29.75 .50 30.25 .50 31.25 .50 32.25 .50 32.25 .50 32.25 .50	To m l.ength m Ag az/t m 9.76 .50 0.04 10.26 .50 0.02 19.10 .86 0.06 24.41 .58 0.12 24.96 .55 29.75 .50 0.18 29.25 .50 0.04 30.25 .50 0.01 31.25 .50 0.04 32.25 .50 0.06 32.75 .50 0.06	To m l.ength m Ag az/l Au g/l NA 9.76 .50 0.04 io.26 .50 s.02 19.10 .86 0.06 24.41 .58 0.12 24.96 .55 0.18 29.75 .50 0.08 29.75 .50 0.04 30.25 .50 0.01 31.25 .50 0.04 32.25 .50 0.06 32.25 .50 0.06 32.25 .50 0.06	To m length m Ag az/t Au g/t I'A 9.76	To m length m Ag az/1 Au g/1 Au az/1 FA 9.76 .50 0.04	To m length m Ag az/t Au g/t (a % Cu ppm 9.76 .50 0.04 40.003	To m l.ength m Ag oz/t NA Si Au oz/t FA Cu % Cu ppm F ppm 9.76 .50 0.04	To m length m Ag oz/1 Au g/1 Au oz/1 FA Cu ppm F ppm Mo ppm 9.76 .50 0.04	To m length m Ag az/1 Au g/1 FA Cu % Cu ppm F ppm Mo ppm W ppm 9.76 .50 0.04	To Length M g oz/t NA 1:A 1:A 1:A 1:A 1:A 1:A 1:A 1:A 1:A 1:	To m length m Ag az/1 Au g/1 NA FA Cu ppm F ppm Mo ppm W ppm Rock Sample Number 9.76 .50 0.04 <0.003 10.26 .50 0.02 0.003 19.10 .86 0.06	To m length m Ag az/1 Au g/1 NA FA Cu ppm F ppm Mo ppm W ppm Rock Number 9.76 .50 0.04	To length m Ag σπ/t NA

· · · · ·	ION :	Beaverdell				Dia	mon	d [rill	Rec	ord					ноі	E N	O. DM-	83-	13	Pag	je	1	of	3
AZIMU		.090°	DIPS - collar	45		0	П	CO	NTR	ACTO	R: Phil's Drilling					PRC	PERT	Y:Fr	an						
ELEVA	_ _		- 30.49 ^m			0	_	LOC	GE	D BY	: J.C. Ridley					CLA	IM I	۷O. [юmi	nio	n l				
LENG		53.96m 177'	_ m			•	一	DA	E:		7/10/83					SEC	TION	1 NO.) <i>ro</i>	Nep	RHE	٤		
CORE			. – m			0	_									STA	RTEC) :	1/1	.0/8	13				
		BQ .														COI	APLE	TED:	8/1	3\0.	13				
PURPO		ROCK DESC	RIPTION			ALTE	TAS	ION	(W.	M.S.) and		1	NINI	ERAI	IZA	TION				1	VEI	NLE	TS	
INTE							T		1	\top			line	rals '	% v	in/e	iiss	=:	: [:	<u> </u>	, اچ			اي	
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from	to	Remarks(vein sequent		argillic	quar seric	brown biotite silicifi		311			j	Py	Po	Сру	Mag	Мо		<u> </u>	֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	<u> </u>	핅		àĜ	ап	
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		Tuff - cooked	<u> </u>	 	-	<u>M</u>			十	1		_				\neg	\neg	<u> </u>	┪	丁		\neg		\Box	
		Arg illite -cooke		 		M S	tq	St.	0	Ру	blebs eccas. Py in			<u> </u>			$\neg \vdash$	<u> </u>	\top	7		\exists	\sqcap	-	
7.61	11.0	Hornfels - Tuff v	w/ some arg.	-	-	├ ── ╎ ╧		Tr.	+		g. 30° C/A			T		ヿ	$\neg \vdash$		\top	寸			\Box	\Box	\neg
		silic. tow. base				 			┪╌	sil	& chl. I @ 5 to 10.51			 				1	┪	1	十	\exists		\neg	
		brx.zones 8.02, 8	3.78 <u>,</u> 9.70	}		-			-	1 .	-		1	-		一	\dashv	1	十	十	十	\neg	\dashv	\neg	
11:01	12:80	Arqillite - sl. (cooked	 	<u> </u>	}	+	+			@ 11.85		┪	╁╌			+	 	十	十	十	寸	\dashv		19°A
12.80	17 <u>.7</u> 0	Hornfels interb	. Arg & Tuff	 		<u> s</u>	+	- F	<u></u>	<u>El</u> t	ding 10 C/A gge 10 C/A 80 to 14.05		╁	1-				- 	十	十	十	寸		一	
	 _	brx.@ 14.29, 15.4	40, 15.65	 	┼—	 		╅	╅	dis	placement bdng		 		1		\neg	1	十	十	+	ヿ		寸	
	ļ			₩	╢	 ┤┤	┽	\dashv	+	170°	C/A: 1:	\vdash	╁	 			+	-	十	十	+	_	\neg	7	
17.70	18.7	Horfels - arg.w/		-	-	╂╾╅╌	+		- -			_	├─	\vdash	-		十	 	十	十	十	7	一	\dashv	_
		all brx w/ calci	te in some matri	1—	├-	! 						\vdash		\vdash	-		-	1	+	\dashv	十	_	十	-	一
18.73	24.69	weak Hornfels-arg. W/	some tuff	<u> </u>	1_	W		-	-	_ 	ding 45° C/A		\vdash	 				 -	+	十	十	ᆉ	\dashv		_
		sev. brx zones	interb.	-	<u> </u>	$\sqcup \bot$	_ _	_	+			(1 1		┼		-		+-	╬	+	-+	\dashv	-+	\dashv	\dashv
24.69	30.9	Hornfels - mostl	y arg.	1_	 	<u> </u>		_		$\overline{}$. I 25.81 to 25.90		\vdash				+	+	十	+	+	-	\dashv	-	
		some tuff int		<u> </u>			- -	4	\bot	in in	30° C/A 26.67 to 27.	73		 		\dashv	-	 	╬	+	十	-	\dashv	\dashv	+
				1_	 		_	-	\bot		pedding			 	$\left - \right $	_	+		+	+	+	\dashv	\dashv		\dashv
				L.						Py	10 - 20°C/A hairlir	<u>e</u>	<u>L</u> .	<u></u>							丄				

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					1	Dia	mond	Dr	ill	Record					_			*DM-83	<u>-13</u>	F	age		of	3
INTE	RVAI	ROCK DESCRIPTION			ALT	ER	ATIC	N C	W. N	1.S.1) and		!	MIN	ER/	LIZ	ATIC	N		<u> </u>		VE	INL		
	tres		ic	 (c	وء	1	= ==			Remarks		Mine	rals	%	vein	/diss		Interval (metres)	ωW	in chi	83 11	py po cpy	anhydrite	
from	to	minerals or fragments: matrix. Remarks(vein sequence, gouge zones etc.)	argillic	quari serici	brow bioti	s lici	green Silicate		_		Py	Po	Сру	Ма	Mo		_	1 n c	dız	grar act	To a	cpy-	anh	
30.94	32.0	Hornfels - green		_	-			T	_	Py 1% Py in silic zones //	-	\vdash		-	-				-	-				
		17111 0 hm66	-	-	-	-	+-		-	bedding 20 C/A silic/chlor zone	(1 ²													
32.02	32.72	Hornfels - argillite & tuff interb.								32.70 to 32.74		_	<u> </u>	 	<u> </u>	1		ļ	┡	<u> </u>	-	 		, - -
32.72	36_64	Argillite-sl. cooked & tuff				-	 	 	├-	calcite vnlts Strom predom 70° to 80° C/A also all others	kî.	╂─	-	╁	-		_		╂	-	\vdash	├	\vdash	
	<u> </u>	brx, & graphitic	 	-	 	╁	+	┼-	├	also all others	╁	十	\vdash	\vdash	-	+	H		十					
-	 	gge. 34.10 to 34.34	┢	╁	╁╴	†	╁	T	\vdash	Py in calc 15cm w. 50° C/A														
		weak Horn fels - arg. Hornsfels - arg & some tuff interb.				S 1	ţo .			silic zones 60°C/A	╽	1	lacksquare	1	┨—	<u> </u>	_	 	∤	↓ _	1—	╁╌	 	
30. 1		occas. brx. zones	_	ļ	╀-	-		╁-	igaplus	cal vnlts. w/Py //C/A		-	-	╁╌	╄	-	-	 	╁╴	╁-	-		-	
	<u> </u>	38.17 to 41.16=85%recovery	-	╁	+	+	_	W	╁	& bleached v. silic at base	+	+	十	╁╴	╁		 	 	十	\vdash		1		
40.0	741.17	Tuff-Hornfels incrsing tow. base	╀	╁╴	+-	+	s	 "	+	41.16 to 43.90=90%re	cov.													
	<u> </u>	Argillite- sil. hornfels in spot	<u> </u>	1	1				<u> </u>	43.90 to 46.95=25% "	D 1				\perp				↓_	↓_			ـــ	- -
41.1		Sev brx & gouge zones				$oldsymbol{\perp}$		-		46.95 to 48.17=90% r	- 1	l l	┨—	-	+		<u> </u>	┼─	╂	╂	╁─	╁┈	┼─	
		sl. tuff intrb	┨_	╂-	-	╂-	-	┨-	╀╌	48.17 to 50.91=95% r	ecov	1	╁	╁╴	+		 -	-	╁╴	 	╁~	┼─	 	
 	+-		╁	╁	╁╴	╁	+	╁	+	50.91 to 53.96=100%	+	+	1	1	+									
-			†	+	1	†			-											<u> </u>	<u> </u>		╀-	-
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of 3 HOLE NO DM-83-13 Page 3 Assay Data Sheet Sample Rock W ppm Мо ррт Cu % F ppm Number Cu ppm Au g/t FA Au g/t Ag g/L To m Length. f-rom NA Hornfels 95531 tuff s. arg .60 10.05 9.45 .59_ 10.64 Hornfels 95533 Arg.some Tuff 95534 10.05 .52 25.98 25.46 chl. Py .54 31.48 chl. 30.94 95535 Hfels .54 32.02 31.48 fels-weak 95536 -37.70 .41 37.29 95537 Arg. .50 43.12 42.62 95538 Arg .50 49.60 49.10

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		Beaverdell	DIPS - collar		50 _	•		To	ON	ΓRA	CTOR phil's Drilling							r: Fr:						
AZIMU					50 50	•					BY: J.C. Ridley							O. May						
		2500'	- m		<u> </u>	•					12/10/83							NO. \		GRID	, 10	ר או	E	
		05' 32.01m				•		┤╴			12/10/00				ST	ART	ED:	11/1	0/8	3				
		BQ BQ					_	_1									_	ED:			33			
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INTE	RVAL.	ROCK DESC			Υ_	1								1. 97	vein	/ dic:			٦		-	\Box	اي	\neg
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from	to	minerals or fragmen Remarks(vein sequen	ts: matrix. ce_gouge zones etc.)	argillic	quartz - sericite	Proge	silici catio	Silice				Py	Po	Cpy M	lag Mo			Interval (metres)	dız	granular act - chi	-5ä	cpy Year	anhydrite	
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0	32.01r		Carrito		1	\vdash	Ī	1			Cored 95' to 105'					$oldsymbol{ol}}}}}}}}}}}}}}}}}$			L				ļ -	
		GRDR, Alaskite,	_		1	i										$oldsymbol{ol}}}}}}}}}}}}}}}}}}$			<u> </u>			<u> </u>		
		clay, sand	porpriyry		1											<u> </u>			L	$oxed{oxed}$			•	
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		Beaverdell 145	DIPS - collar	50		•		C	ONT	RA	CTOR: Phil's Drilli	ng_				PR	OPE	RTY	': Fran	1						
AZIMU			- 75.31 m			0		Lo	oGG	ED	BY: Butterworth/Ridl	ey				CL	AIA.	A NO	O. May					· · · · -		
ELEVA			_ m			0		D	ATE	:	14/10/83					SE	CTI	ON	NO. I	e G	राष्ट	237	E 4	<u>5N</u>		
LENGT			_ m			•		╁╴	_					•		ST.	ART	ED:	13/	10/	33					
CORE			1					ا					_			CC	MP	LET	ED :							
PURPO		ROCK DESC	COLDTION			ALT	ERA	TIO	NO	W. N	1.S.1) and		1	MIN	ER.	LIZ	ATIC	ON				VE	INL	ETS		
INTER								Ψī				N	line	rais	% '	vein /	'dis	s	= 0	ء	٦	حہ		. <u>.</u>		
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				-					Ť		Casing 22'									_	<u> </u>		<u> </u>		ļ	_
		Oxidized bedrock GRDR Sausseite al	•	\vdash			N-M	М	W			14			$oldsymbol{ol}}}}}}}}}}}}}}}}}}$	<u> </u>	L			<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		ļ
6.71	14.90	increasing toward		†									_	<u>L</u>		<u> </u>	<u> </u>			<u> </u>	<u> </u>	-		<u> </u>		<u> </u>
		Ga & pyrite vein									16 narrow ga. veinlet	s	<u> </u>			<u> </u>	33			上	↓	<u> </u>	_	<u> </u>	ļ	├
											lmm in width over			<u> </u>	_	<u> </u>	<u> </u>	_		┡	↓_	<u> </u>	<u> </u>	<u> </u>	├ ─-	<u> </u>
 		Py veinlet lmm (8m interval.		<u> </u>	ļ	ļ	1	<u> </u>	<u> </u>		<u> </u>	↓_	<u> </u>	<u> </u>	 	├	
		Ga veinlet up to	2mm_wide_		1						Nsseminated galena over		<u> </u>				<u> </u>	<u> </u>	<u> </u>	上	↓_	↓	<u> </u>	<u> </u>	 	↓
		Ga & Py veinlet	up to 2mm wide	厂	1						entire interval	_				1_	_		<u> </u>	丄	igspace	<u> </u>	 	 	 	
		Ga & Py veinlet 7.87 & 7.97 with	0.454 0.406 0.50°C(2)	<u>, † </u>	\top	i			-	1	1 ga veinlet/50cm	_	1_		<u> </u>	$oldsymbol{ol}}}}}}}}}}}}}}}}}$	<u> </u>	<u> </u>		 _	↓_	 -	<u> </u>	<u> </u>	├	╄
							Ī.				1 cpy veinlet up 2mm		L			<u> </u>		<u> </u>		丄	↓_	<u>↓</u> _	<u> </u>	┞-	 	╄
-		narrow Ga and Py		Τ	T	I^-	I^-				in width	_	L	1_	\perp	_	<u> </u>	igspace		ـــــ	\perp	 	 	 	 	↓
[']		disseminated Ga &	ry. Chrough co	T	1	1			Ī	Ī		L		_				$oldsymbol{ol}}}}}}}}}}}}}}}}}$	<u> </u>	\bot	\perp	Щ	<u> </u>	 	 	
		base of contact	vein within saus	dr.	十	i													<u> </u>	L	\perp		<u> </u>	$ldsymbol{f eta}$	<u> </u>	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{eta}}}$
	 	GRDR 060° C/A @ 1		 	+	1			Γ										<u></u>	$oldsymbol{\perp}$	ot		<u> </u>	$oldsymbol{ol}}}}}}}}}}}}}}}}}}$	<u> </u>	_
24.00	16 95	Alaskite minor d		+	\dagger	1		W	\vdash		1 ga veinlet/97.5cm	K17	'					€1%			\perp	\perp	<u> </u>	 	<u> </u>	<u> </u>
		GRDR with minor		1	1	\vdash	W	М	W		l ga veinlet/28.5cm							_	<u> </u>	$oldsymbol{ol}}}}}}}}}}}}}}}}}}$	↓	<u> </u>	<u> </u>	<u> </u>	 	$oldsymbol{\perp}$
10.03	19.1.	Py & ga Narrow P	•	T	1							L	_	\perp	1_	1	<u> </u>	<u> </u>]	lacksquare	 	₩	 	 	╄-	┼
	 	veinlets @ 17.64		1								$\lfloor _{-}$			<u> </u>		<u> </u>	<u> </u>	<u> </u>	L		<u></u>	<u></u>	<u> </u>		

w 035° & 030° C/A

Diamond	Deill	Record
Diamond	UIIII	Kecora

HOLE NO. MY-83-15 Page 2

of

	 1	DOCK DESCRIPTION	_		ALT	ERA	TIO	N (w. N	4.S.1) and		N	IIN	ERA	LIZ	ATIC	NC				VE	INL	ETS		_
INTE		ROCK DESCRIPTION					٠,	·		1	N	line	als	% v	ein/	'dis:	s	a 1 s)	40	<u> </u>	چو	ا جا	2	ţe	ļ.
Met	res	Name colour: texture: size & % minerals or fragments: matrix.	Hic	:: :ite	E.5	: <u>:</u> =	ser	rit	asi	Remarks					т			Interval (metres)	√ – 2	granular act — chl	<u> </u>	ָב ב	anhydrite	calcite	
from	to	Remarks(vein sequence, gouge zones etc.)	argillic	quar	Pro Pio	silicil'i cation	sans	chlorite	pottasic		Ру	Po	Сру	Mag	Мо	Ga		lη (π) b	28.5	ac ac	àd	æ	8	
		Increasing chlorite & sauserite						-	_						<u> </u>	-	-		-	-					\dashv
		alteration from 18.07 to base of	_		<u> </u>		<u> </u>	 	 	<u> </u>	-		_	┼-	╂ -	┼			\vdash				-	一十	7
		contact				<u> </u>	<u> </u>	<u> </u>	<u> </u>			 	-	╁—	┼─	-	-								ᅥ
19.13	19.50	Alaskite K-spar phenocrysts					W	<u> </u>	<u> </u>	<u> </u>	41%	-	-	\vdash	┢	(1*	 	<u> </u>	-	┼─					\dashv
		not as abundant, no sulphides		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	↓ _			-	-	╂—	-	}	├	 	├	╂─				\Box	ㅓ
		Gramitic appearance @ lower contac	t	<u> </u>	<u> </u>	<u> </u>	<u> </u>	↓_	<u> </u>			├	-	╆	╀	-	┢	 	-	-	_	├		(1 %	
19.50	20.05	Andesite dyke, few calcite	<u> </u>	<u> </u>	_	<u> </u>		М	↓_	,	1 %	 		 -	╆	118	 		┨	 —		-			{
-		veinlets			_	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	├	-	-	╆	╀	╁ <u></u>	-	 _	}-	╂─	-	-		╂─┤	ㅓ
20.05	26.2	Alaskite minor disseminted			ļ	<u> </u>	W	W	\perp		<u> </u>	-	├	-	╀	118	├		┢	╁	\vdash	-	 -	$\vdash \vdash$	\dashv
		Py.	↓_	1_	<u> </u>	↓_	_	↓_	┦—		├	1—	├	+	╂-	-	┼		╁	 	╁	 	-	-	\dashv
26.22	27.7	Andesite with calcite veiglets	↓_	↓_		1	↓_	М			K13	-	\vdash	╁	╂	<u>/1*</u>	+-	<u> </u>	-	+	 		-		
	ļ	up to 2mm wide @ 26.67, 26.71		\perp	1_	<u> </u>	_	<u> </u>	igspace		 	<u> </u>	├-	┾	╁	-	╂—	<u> </u>	-	 	┢╌	├	-	╂╾┨	
	1	26.72, 27.05, 27.07, 27.32,27.39					L	↓_	\perp		↓_	-	ļ	╂	╁┈	╁	-	 _	├	╂—	-	├─		H	
		with 090°, 070°, 090°, 075°, 080°,						<u> </u>	1_	1.	↓_	<u> </u>	ļ	╁—	 	┦			-	╂—	 	╀	 	╂─┤	H
-	 	070, 080° C/A's respectively					_		1_		╄-	↓_	┨	-	┨—	╂	-	 -	╀	╁	┼	├	╂	-	
27.72	30.4	Alaskite abundant K-spar phenos					W			a ga veinlet/6.4cm	31	b	igspace	╁	1—	4%	-	 -	╀	┼	┼	-	-	╁─┤	$\vdash \dashv$
27.73	30.4	up to 28.01m. Between 28.01m	Т	T			\perp	$oldsymbol{\perp}$		42 narrow veinlets up	↓_	╀-	igapha	_	- -	-	┼	ļ	╀	╁	╂	╁	┼	 	\vdash
<u> </u>	 	& 30.41 potassic alteration is m	re	Τ				\perp	1_	to 1mm in width over	1_	 	 		╀	+	1-	 -	╂	┼-	╁┈	┼-	-	┼	
-	╁┈	apparent. Ga & Py are found	T	Τ					j_	2.68m interval	1_	1_	_	- -	 	1	4	 -	╁.	+	+		 	┼	H
-	+	disseminated throughout 28.01	Τ								<u> </u>	1_	-	\bot	4-	<u> </u>	↓_	 	↓ _	-	 	┼-	┼─	+	
-	+-	and 30.41 interval with a 0.95m	T						\perp		-	-	1	\bot	4	-}	╁	 - -	╂-	+-	igapha	┼	╂	+	╟┤
-		section between 28.87 & 29.82									4-	 	\bot	\bot	\bot	4	╂—		╂-	 	╂-	┼	╂—	+	╂╼┩
<u> </u>	-	containing 18 narrow veinlets of												_L_	1_	1_			<u>L</u>		1	ــــــــــــــــــــــــــــــــــــــ	<u> </u>	<u>—</u>	لـــا

Diamond Drill Record

Page 3

HOLE NO.MY-83-15 **VEINLETS** MINERALIZATION ALTERATION (W.M.S.I) and ROCK DESCRIPTION INTERVAL anhydrite chlorite granular granular act - chl chl - cp act - py py - po cpy Minerals % vein/diss ausserite pottasic Name colour: texture: size & % Metres Remarks minerals or fragments: matrix. Po Cpy Mag Mo Ga Remarks (vein sequence, gouge zones etc.) from lga. veinlet/30cm 30.4136.31 GRDR, moderate potassic over 3.5 m interval alteration between 31.88 & 36.31. between 30.41m & 13 narrow pyrite strngers between 33.91m 31.61 & 32.26. 050 C/A pyrite veinlets much more 6cm wide fault gouge @ 33.46 abundant 1/13cm w/narrow ga. veinlets above & below 040° C/A 20 cm wide section @ 23.72 W/4 narrow pyrite veinlets & minor fin. gr. ga. 050° C/A few pyrite stringers. K1 36.3147.15 fine grained volcanic unit with minor epidote the same natrix as alaskite dyke 1/90cm Minor deseminated pyrite 2-lmm wide ga veinlets 050°,055° C/2 chlorite epidote vnlts3% 47.1567.71 GRDR 040m wide interval few calcite veinlets. @ 47.35m w/increased Ga & Py veinlets potassic alteration & few mafics 1mm in width through entire interval. Highest concentration of Ga veinlets between 63.69 & 67.71 = 1/18cm

HOLE NO. MY-83-15 Page 4 of
ALIZATION VEINLETS

					AIT	FRA	TIO	N (V	. м	.S.1) and		N	AIN:	ERA	LIZ	ATIC	N				VE	INL	ETS		\Box
INTE		ROCK DESCRIPTION	_	·			_ж_	\neg	$\overline{}$		\ \ \	Aine	rais	% v	cin/	'diss		a l s)	10	노포	چە	_	.≌	te	ļ
Met		Name colour: texture: size & % minerals or fragments: matrix.	argillic	uurtz -	rown	silicili cation	sausserit	chlorite	pottasic	Remarks	P ₃		r	Mag	,			Interval (metres)	412 - Mo	granula act – c	chi = c	py – po cpy	anhydrite	Calcite	
lrom	to	Remarks(vein sequence, gouge zones etc.)	- -	1 - N	معًا	v. ü	- 00	-	_ <u>ŭ</u>		/10					<12								19	
67.71	71.00	Fine grained and ite dyke w/			├			W	-		K18				-	1.5		-							
		numerous calcite blebs & stringrs	-	┼—	-	┞╌┥					\dagger	1						¥							
		very minor disseminated pyrite	 	╁-	-						-	1	†	1											
		near upper contact w GRDR	├	╂-	├-	╁╌┤				in a munito C Ca	4:		$oxed{\top}$			3%									
71.00	80.05	GRDR minor epidote occuring	╂─	┼-	╂	\vdash	W	W	W	minor pyrite & Ga in veinlets & dissem	1	1	1	1	1										
		as veinlets	}	-	╁	-	-			throughout.	1	T-			1										
		5cm fault gouge @ 78.10 to	╁-	╂	 	-	-	-	_	majority of ga	+-	1	十	1	1	1								<u> </u>	
		ga & Py	╀	┼-	╁	┼-	-	├	 	diseminated througho	1 -	1-	1	\top	\top										
		8cm wide fault gouge @ 79-49m	┼-	╂		┼-	 	├—	-	entire interval	7	1	\top	\top	\top							<u> </u>	1_		
		wy disseminated galena & pyrite	╂	-	+-		-	├	-	very minor, fine grained	<u> </u>	2	T	十	\top	(1%			Τ						
80.05	88.43	alaskite fine grained, pink	╀	- -		W	W	 	W	diseminated Py & ga	 `	1	+	1-	†-	1	1		Τ						
		matrix is easily recognizable	4_	-	4-	 	-	╂	├—	lmm wide ga veinlet	a	╁┈	+-	+-	+-	1	1	 	丅	1	1-	1			
	1	k-spar phenocryst\$	1_		1_	 	<u> </u>	↓ _	<u> </u>	84.43m 88° C/A		* a	a o	/er	ent	ire	int	erval	╁╌	1	╁	1		 	
 	 			_ _	_ _	╁_	ــــــــــــــــــــــــــــــــــــــ		<u> </u>	84.43m 30 C/H	+	+-		╫	╁	╁	╁╴	╁╌	╁	┪-	1-	 	†	†	Г
88.43	100.92	Granite porphyry; increasing		4_		┦—	W	-	М		+-		+	╫	╁	+	K11	-	1-	╁	十	1	1	1	厂
F		sauseratization from 92.50 towar	ds			<u> </u> -	<u> </u>	 	 	greatest concentration	1		十	╁	╁╌	╁╌	1	-	╁╴	1-	1	†	†	+-	\vdash
-	1	upper contact	1_				↓_	↓_	-	of ga occurs near	╁		+	╫	+	+-	╁╌	┼	†-	1	1	 	1	+ +	
-	 	high. degree of clay and					╁_	↓_	<u> </u>	upper contact w Alas		tle	╁	╂		+-	╁╴	 	╁	╁	╁	╁	†	+-	
	1	sauserite alteration from	⊥_	_ _			igspace	_	<u> -</u>	2% ga over 4m interv		- -	╁	+	+	+	╂	-	╁╴	╂	十	†-	+	+	T
		94.97 - 98.83	\perp	_ _	\bot		$oldsymbol{\downarrow}$	1	┼	between 88.43 - 92.4	*-	+	+	+	+	╁╌	+	+-	十	+-	+-	+-	+	+	\vdash
	╅	Fresh granite from 98.83 - 100.	.92	\perp	_ _	1-	┦	4_	\downarrow	<u> </u>	+	+	+-	\dashv	╁	╁╴	+	┼──	╁╌	╫	+-	+	+	+	+
	 			_ _		+	1		╁-		+	╬	╁	- -	╁	┤一	+	+-	十	1	+-	1	1	1	T
	 						丄			<u></u>	_1_						_!		<u>.l.</u> _						

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HOLE NO MY-83-15 Page 3 of 3 Assay Data Sheet Sample Rock W ppm Zn.Z. Pb 6. Mo ppm Cu % Number Au g/t Au g/t Ag 02/1 1.ength To From FΑ NA m 95313 0.25 GROR 0011 60.01 0.04 1.00 74.00 73.00 4 0.44 0.27 0.02 0.06 15.00 5 14.00 0-23 0.14 0.01 0.03 76.00 15 00 0.62 44 0.34 0.04 77.00 76.00 0.62 te 0-23 0.03 10.00 77.00 8 0.20 0.11 0./0 79.00 19.00 Φ 9 0.90 1.02 0.07 0.12 1.10 80.10 79.00 Alaskide Granite Brphyry 20 0.06 0.06 10.0X 1.00 0.02 31.10 90.00 3 0.02 0.34 0.01 0.04 0.50 68.93 88.43 4 0.09 LO.01 40.01 0.03 89.43 38 93 0.06 . 4, 0.02 89.93 29.43 6 ч 4 0.05 0.02 90.43 89.93 0.12 0.02 91.43 1.00 4 9043 95328 0.12 0.02 92.43 91.43

					٨٠٧	ay Data Si	ncet				HOLE NO	My-83-15	Page 2	ળ ঙ	;
l-rom	To m	Length m	Ag oz/1	Au g/t N A	Au g/t FA	('u %	Pb %.	Zn %,	Mo ppm	W ppm	Rock	Sample Number			
m							40.01	0.05			GRDR	95589		 	
18.15	49.15	1.00	0.01				*	0.03				90		 	
49.15	50.15	ft.					0.12	0.19			<u> </u>	1		 	
50.15	51.15		0.04				0.20	0.33				2		<u> </u>	
51.15	52.15		0.06				0.28	0.50			<u> </u>	3		 	
52.15	53.15						0.21	0.38				4		<u> </u>	
53.15			0.03			1	0.74	0.81			<u> </u>	5		 	
53.65			0.02			 	0.25	0.31				6			
54.15	54:65		0.04	 	 		0.18	0-26				7		 	
54.65	55.15		0.01	 	 		0.12	0.15				8		 	
55.15	36.15	1.00	0.03	 		 	0.03	0.05				9		<u> </u>	
56.15	-1	 	0.04	 	 	 	0.02	0.06				95600			
57.15	57.60	u	0.01	<u> </u>	 	11	0.11	0.17				95301			
57.60		1.09	0.01		 	20.01	 	0.68		 		2			
58.69	59.69	1.00	0.12	<u> </u>	 	0.02	0.27	0.18	+			3			
59.69			0.03	 	 	∠0.01	0.14	0.03	 		1 1	4-		1	
6069		14	0.02	ļ	ļ	0.0(000			1		5			
61.6			0.04	 		<u> </u>	0.08	0.13	 	 		6			
62.69		` _	0.01	 		" "	0.05		 	 	1-1-	1			
63.69	م د ا،	<u> </u>	0.01		 	- 	0.05	0.4		+	 	8	<u> </u>	1	
64.6	9 65.69		0.02				0.13	0.37	-	 		9	<u> </u>	1	
65.6	9 66-69		0.06		 	0.02	6.04	0.70	 		++-	10		1	
67.69			0.02			0.05				 		1,	†—— <u> </u>	1	
11.00			0.04			0.02		.64		+	4	a a		1	
72.00			0.02			LO.01	0.05	.52	_1	<u> </u>			<u> </u>		

HOLE NO My-83-15 Page of 3 Assay Data Sheet Sample Rock Zn 7.: W ppm Pb % Mo ppm Cu % Number Au oz/t Au g/t Ag oz/I Length To 1-rom FA NA m 95540 GROR 0.12 0.11 .01 1.00 8.71 7.71 0.05 0.06 8.71 9.71 2 0.01 0 03 10.71 9.71 3 0.01 0.01 .03 11.71 10.71 0.25 0.17 .06 12-71 11.71 0.09 0.11 .04 13-71 12.70 4 0.09 0.06 02 1.20 14.90 13.71 Alaskik 0.07 0.03 .04 0.97 14.90 15.87 GRDR 80.03 0.07 .04 17.99 1.12 16.35 Aloskite 95565 0.03 0.01 1.00 .02 21.05 2005 3 0.21 0-20 1.00 -06 23.73 27.73 * 9 0.69 0.46 .04 29.51 0.62 28.89 10 0.26 0.21 .02 30.41 0.91 29.51 GRDR 0.04 0.04 .01 0.50 30.91 30.41 2 10 0.02 0.04. .01 30.91 31.41 le 0.03 0.03 .03 1.00 32.41 31.41 æ 4 40.01 0.01 .01 33.41 32.41 l(5 0.06 0.10 .03 33.4(34.4((1 6 0.01 0.03 .03 34.41 35-41 0.05 0.04 0.90 .03 36.31 35.41 8 0.02 0.01 .04 1.00 37.31 36.31 33 0.04 0.01 .04 43.31 86 40.01 0.01 4615 .02 GROR 88 0.07 0.01 48.15 .01

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HOLE NO. MY-83-16 Diamond Drill Record . Page 1 of 3 LOCATION: BEAVERDELL PROPERTY: Fran CONTRACTOR: Phil's Drilling DIPS - collar AZIMUTH: CLAIM NO. LOGGED BY: Ridley/Butterworth 81.4 m **ELEVATION** 70 30801 SECTION NO. IP grid 4400EL 2+50N 0 DATE: 0 16/10/83 LENGTH: 2691 (82.0m STARTED: 16/10/83 0 CORE SIZE: · BQ COMPLETED * /10/83 PLRPOSE # VEINLETS **MINERALIZATION** ALTERATION (W. M.S.I) and ROCK DESCRIPTION INTERVAL anhydrile epidote q12 - ME granular act - chl chl - cp act - py py - po cpy calcite Interval (metres) Minerals % vein/diss sausserite Name colour: texture: size & % argillic quartz. -sericite brown biotite silicifi -Metres Remarks minerals or fragments: matrix. Py Po Cpy Mag Mo Ca. Remarks (vein sequence, gouge zones etc.) from Casing 16' 4.88 Oxidized bedrock - granadiorite Ga & PV 7.32 GRDR - sl. green few Py strngrs 50°-85°C/A harrline Ep/Pv/Ga/SP М 8.52 GRDR - green 7.32 Wto Ep, Ga, Py. 8.52 17.24 GRDR -sl. green. lt brown alt. 40C/A Wtd Ep, Ga vnlts 1-4mm occas. Qtz & Kspar flooding sl. gouge 25 C/A @ 13.72 Mtd to 5mm Ga. Pv. Sp 17.24 22.34 GRDR -light to med.green Ep // C/A flt 21.17 to 21.24 occs Ga strngs 45°C/A min. higher 17.24 to 19.24 22.34 22.79 Alaskite v. f. Grained pale brown gra: Qtz & plaguiclase Otz eyes, occas. Kspar W 22.79 23.01 GRDR Pv. Ga sl.ep. 23.01 27.64 Alaskite-f.gr. med bwn matrix Otz eyes, Kspar small & large Xtls

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of 3

INTERVAL	ROCK DESCRIPTION							W. N	1.S.1) and	_		MIN	ER	ALI	ZATI	ON		丄	_	VE	INL	ETS		
Metres	· · · · · · · · · · · · · · · · · · ·	<u>:</u> 2	- <u>2</u>	brown biotite	: - e	ritiz	ite	sic	Remarks						/di		Interval (metres)	βW	ular - chi	65 11	py – po cpy	anhydrite	epidote	calcite
from to	minerals or fragments: matrix. Remarks(vein sequence, gouge zones etc.)	argillic	quart	brown	Silicit	sausse	chlor	potassic		Ру	Po	Ср	уМа	g M	o _{Ga}	Sp	ln te	d1z-	gran	당	cpy –	anh	epic	calc
27.6428.14	GDDD	М							green cal 20°C/A lcm wide		_	_	-	_	<u> </u> -	_ _	<u> </u>	1	 			\vdash		
	alt incr tow base						_	_	Ga & Py	-	-	┼	-	╁-	-	╬		╂	┨—	<u> </u>		\vdash		
	GRDR-Brx fault zone	s_	-	-			-	-	Py.	_	╁╴	+-	╁	+-	+-	-		╁	 	一				
<u>28.6729.28</u>	GRDR .	_	-	-		W	-	-	sl. Ep.															
29.2829.87						W			sl. Ep., Py.	_	_	╁	-	\bot	-	 	 	╂-	-	_	-			29°2
29.8737.93		_	-	 	_	to M	-	W	Ca I 30.23 to 30.35	-	╁	╀	╁	╁	+	-		+-	+-	\vdash	\vdash			<u>C/1</u>
		-	┼╌	╂-	_	M	 	╁	// to 10° C/A & 80° C/A Py, Ga	+-	+	\dagger					1							
									Ep				\perp				ļ	1	<u> </u>	<u> </u>	<u> </u>			_
37.9338.59	GRDR	_		_	s	_	s	_	Py. Qtz. vein 2cm 85°C/	A	╄	+	+	+	+	+-	-	╁	-	-	-	-		C/2
		├-	-	-	-	<u> </u>	┼	╁	Ga, Py	+	+-	+	╁-	╁	+-	+		╁	-	╁┈				-
38.5939.57	Dyke v. f. gr. med brown		┼-			W	-	<u> </u>		+-	+	+	+	+	+	 	 -	+	1	1	†			ऻ
	Alaskite matrix	╂╌	╁	+-	├	W	Witc	,	occas. Otz. vnlts. lcm	ĮĘ,	,,	†	十	+	 	1	1	╁	1					
39.5758.55	occas.sl. K flooding	╁╴	+	-}	十	Ï	M		occas. Ga. vnlt.85° C/A	W.Z	7	1	\top	1	7			1						
	Occas, St. R 1205ding	╁	-	_					Ep.Py.@ 80°					\perp				\perp		_	ļ			_
	mineralization incrs.53.00 to 54.2	1_		\prod					Ga. vnlt. 3cm wide 70°C	<u> </u>	_	_	+	-	- -	-	-	+	+	╂	╁-	 	-	+-
		-	-	-	╁	-	-	1	@ 46.26m vens Qtz.2-10cm@ 51.96	+	+	+-	╫	+	+-	+-	+	╁	+-	+-	 	+-	-	\vdash
	·	╂╌	+	+	+	+	T	1	57.05 52.16	-	1		士	士										
		†	\top						57.35 53.00		$oxed{\mathbb{L}}$	D								-	1_	—	<u> </u>	igspace
 									57.50 53.07		<u> </u>						<u> </u>				<u> </u>	上	<u></u>	<u></u> _

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Diamond Drill Record

HOLE NO. MY-83-16 Page 3 of

		ROCK DESCRIPTION			ALT	ERA	AT 10	N (w. M	(S.1) and	-	١	MIN	ERA	LIZ	ATIC	N				VEI	INL	<u>ETS</u>	
INTEI Met		Name colour: texture: size & %	<u></u>	- '- '- Te	- s	1	sausserite			Remarks	N				,	'diss		interval (metres)	- Mo	granular acı – chi	11 20 11	od -	anhydrite	04;50
from	to	minerals or fragments: matrix. Remarks(vein sequence, gouge zones etc.)	argillic	quart	brow bioti	silicifi cation	sanss				Py	Po	Сру	Мав	Мо	Ga	Sp	1 n 1	dız	87a ac1	gg.	àŝ	a lug	
58.55	78.28	Alaskite-			_	<u> </u>	_	_	-	Doy S. Co	D		-		_	D く13			-	$\left \cdot \cdot \right $		\dashv	\dashv	\dashv
,		figr at top to med gr.	<u> </u>	↓	<u> </u>	<u> </u>	 	 	╁	v. little diss: Ga	<u> </u>	├─	╁╾		 	< T 3			┢			一十		_
		plag. & quartz eyes	<u> </u>	<u> </u>	↓_	<u> </u>	M	 			├-	├	├-	-	╁			-	┝╌				\dashv	_
-		Kspar phenos - pale grey-green	<u> </u>	<u> </u>	ļ	┼-	┼-	├-	├-	saugerite pervasive		-	-	-	 		-		-					_
		matrix	┼	<u> </u>	┼-	┼-	╂-	-	╀	0000	 		\vdash		+	 			-			一		
		71.66 v. silic w/fluorite	 	┼-	╂	 -	<u> </u>	 —	┼	Py. strngr 90° C/A	┼-	┼	+-	╁	╁╴	 			 					
		to 72.04 ep. base	╂—	╂—	╂-	╂—	╁	╁	╁╌	a: a share of Ca CD	 - -	╁	╁	+	 	-			一	\Box				
		largest K spar phenos bleached	-		+-	┼-	-	╂	-	diss. & strgrs. of Ga&P	 	-	+	+-	-	┼─								¢7
		highest min. 72.58 to 74.58	-	-	+-	╁╾	-	╁╾	-	55° C/A _20° C/A	DE	-	+	╁╌	╁╌	D&	-					-1		
78.28	81.99	Granitic alaskite almost Granite Porphyry	-	╂	+-	-	-	-	+-	little diss. CPs	tro	dr_	1-0	+	╁	str	1-		一	 				
	Е.О.Н	increase in Kspar small & Large	+	+	╀	+	╁	╁╌	╂		╫	+	╁╌	+-	 		 	<u> </u>						
	269'	phenos	╂-	-	+-	┨—	-	╁╴	╀	sausserite in strngrs	-	╁	+	┼─	╂-	十	 		T	1				
		Qtz eyes, plag phenos	 	ļ		-		╁—	 -	0 to 25 C/A	╁╾	╁-	╁	╁	┼╌	╁╼			\vdash	\vdash				
		matrix med pink - grey	<u>↓</u>	┷	4	\bot		┼	+		╁	+-	┼	+	╁╌	 	 -		┢	+	 	 		
			╁-	4	-	+		+-	╂-		╁	十	+	╫	+	╁	╁		+	+	 	一	 	
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HOLE NO My-83-16 Page / of / Assay Data Sheet Sample Rock W ppm P6 % Zn To Mo ppm Number ('u % Au g/t Au g/t Ap 07/1 1.cngth To From FA NA 95339 BADR 0.12 60.01 40.01 0.02 11.24 1.00 10.24 Undite/Andeste 3522 0.01 0.03 0.05 40.57 39.57 GROR 200 1.54 20.01 0.50 0.20 46.57 46.07 30 016 0.07 1.00 0.01 46.57 47.50 0-01 10.0 0.04 1.07 18.57 47.50 2 0.02 49.57 1.00 0.01 48.57 0.01 0.07 50.57 49.57 5 " 0.01 52.57 51.57 V. 0.04 53.07 52.57 0.05 0.06 0.02 0.50 53.51. 53.07 8 0.03 6.02 Ų 0.04 0.65 54.22 53.51 9 i, LO.01 0.01 0.04 1,00 5522 54.22 0 0.01 10.0 aof 1.00 56 22 55.22 4 0.20 0.13 0.66 0.0 57.38 57.22 0,08 0.00 53.55 0.67 0.01 57.88 3544 Alaskite 0.44 033 0.08 0.01 58.55 59.05 0.50

1 ()(AT 1/	()\:=	seaverdell, B.C.				D	iamo	ond	Dri	11	Record					но	L E	NO.	• WB-8	3-1	P:	age	1	of	2	
AZIMUT			DIPS - collar		45	0		C) \ T	RA	CTOR: Phil's Drilling	g				PRO)PE	RTY	: Fra	n						
ELEVAT			- 47.71 m		46			L)GG	F D	BY: J.C. Ridley					CL.	Ä۱۷	1.50	O. Wom	bat						
LENGTE			- m			0		D	ATE	:	17/09/83					SEC	T 10	ON	NO.	8+55	ōπE	20+	+83π	ıN		
			_ m			0		1								STA	RT	ED:	14/	09/8	83					
CORE S			<u> </u>					<u> </u>	_							CO.	MPI	LET	ED: 1	 6/09	 3/83					
PURPOS			:DIDTION			ALT	FRA	TIO	, (5	V	M.S.I) and		Ņ	AINE	ERA	LIZA	ATIO	<u>.</u> ис				VE	INL	ETS		
INTER	VAL	ROCK DESC	RIPTION						1. († .		1	٦.	4:	!- !			dic		^					<u></u>	ø	
Metro		Name colour, textur		<u>_</u>	ر ا			2	丑		Remarks		nine	rals '	% `		u 15:	· ·	. v .	围	ular - ch	56	g	쁖	got	cit
from		minerals or fragment Remarkstvein sequent		argillic	quart/ sericite	browr biotit	51101	green	hlorit.		Kemarks	Py	Ро	Сру	Mag	Мо	Mal	<u> </u>	Interval (metrex)	4:	gran act	chl – gg – log	àà	असम्मान टीवर	epidote	calcite
0 2	74	Overburden - pred	lom. sand								Casing 9'	↓_		-	_		an.	0 0	5	20%				-	10 C/A	20
		Granodiorite - sl		ъд	<u> </u>		w_				95-100% core recovery	+	\vdash	}	 	H	<u>Ē</u> Ėż	ca:	5 4.2± 4.50	IC/A	╫	H			C/A	:ZP
		25% mafics-5% of			<u> </u>							┼-	┼	<u> </u>	_	-			<u> </u>	╁	+-	\vdash				
		altered to biotit	e or phlogop ite			L			:			┿	-	╂	├	-				\vdash	\vdash	\vdash	\vdash			
		Felsic minerals a	are quartz %	<u> </u>								┼	-	├		<u> </u>	<u> </u>	├		┼	┼	\vdash	\vdash	 	-	
		and plagioclase	<u> </u>					_				┦—	-	-	ļ.—		 	<u> </u>	<u> </u>	┼-	-	\vdash			-	
4.50	4.56	GRDR-silicified w	oxid. sulphides	<u> </u>	М		s				Assay sample 95251	\perp	-	<u> </u>	_		Ço <u>s</u>	—	 	\vdash	┼—	┼╌┤				
		sl. mal. stain -	qtz sericite		<u> </u>					<u> </u>		4_	<u> </u>	ļ	<u> </u>	 		<u> </u>	 	\vdash	—	├ ─┤	 			
4.56	4.88	GRDR-60% core rec		<u> </u>					<u> </u>		Assay sample 95252	4-	-	 	 	<u> </u>	<u> Ko</u>	 	├	 —	├		$\vdash\vdash$			
		in sand & pebble						<u> </u>		L		<u> </u>		<u> </u>		<u> </u>			<u> </u>		<u>ا</u>	├ -			-	200
4.88	9.63	GRDR										_	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	ļ	<u> </u>	20° A	+	igspace		\vdash		29 °
\vdash		GRDR dark green 1	heavily				м		s				↓			ļ			<u> </u>	↓_	<u> </u>	<u> </u>		igspace		
		chloritized -		1														L.			$oxed{igspace}$	<u> </u>				
		60° C/A - incre		1	T	1	 	1											<u> </u>		\perp	_				<u> </u>
 +		veinlets at 9.		1	1	1		\vdash					T						<u> </u>	$oxed{oxed}$!				
9.63	9.87	GRDR - rusty					W to				Assay Sample 95253	1%							9.72t 9.82					50 °		J° +
9.87 1	6.54	GRDR musty clay g	ouge 65 C/A							_	loss of circulation	4-	┼-	\bot	-	 - -	koc	\downarrow	\$10.0E	i h	+	 	 			ඒ t C/
		Mal. bleb @ 10.0						<u> </u>	<u> </u>		where fault gouge occurs Assay S. \$95254			<u> </u>		<u> </u>	<u> </u>		<u> </u>	<u></u>	Ш					

20°025° apar

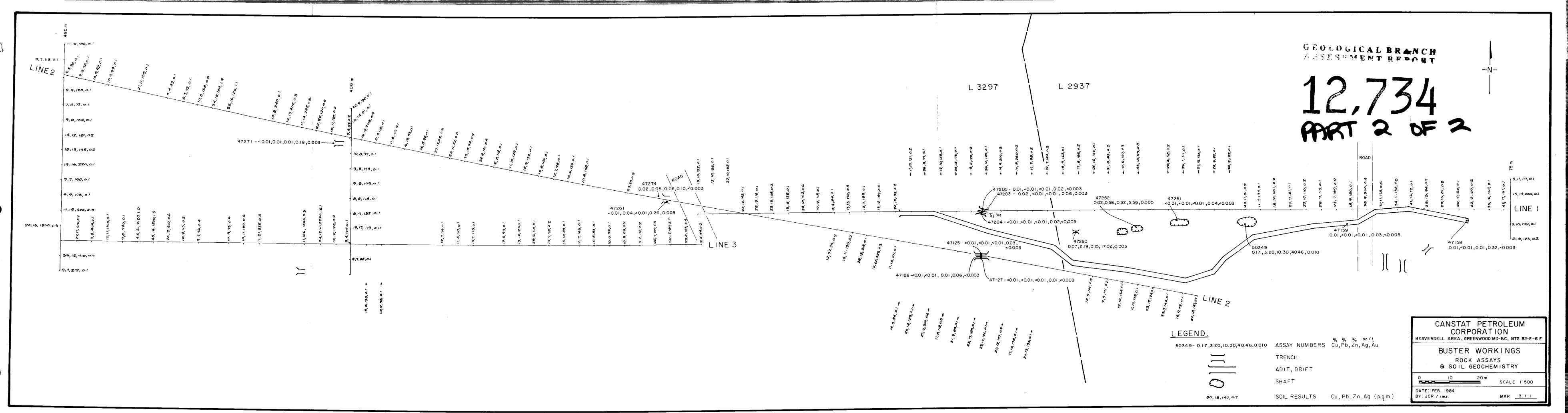
occurs Assay S. 95254

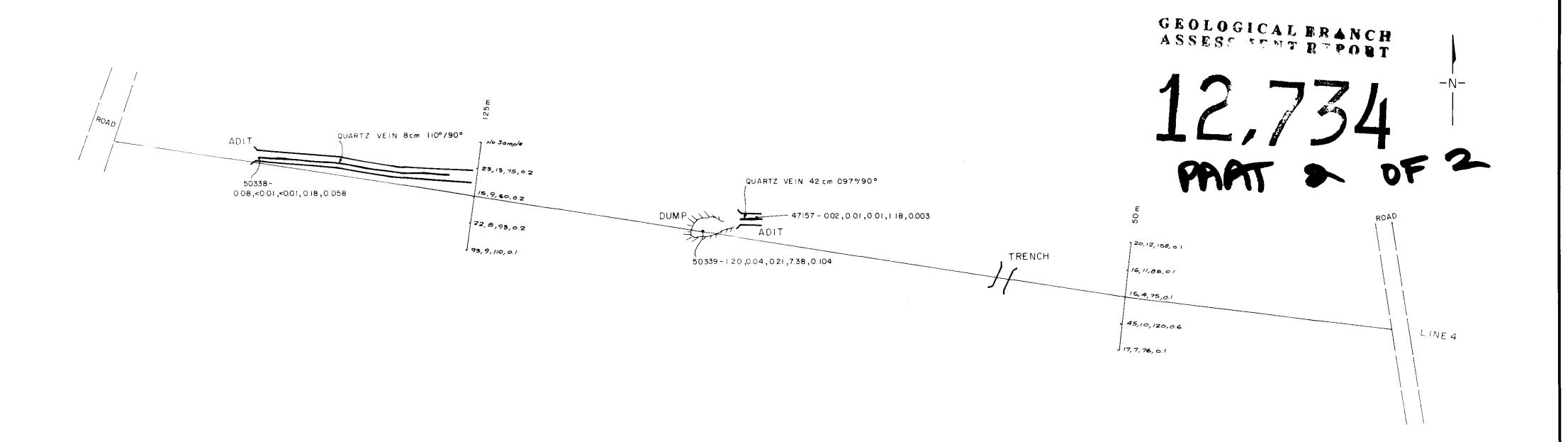
						Dian	nonc	d t	rill	I Reco	ard					н	OLE	E NO	WB-83	<u>-1</u>	F	age	2	0	ſ	2]
INTE	RVAL	ROCK DESCRIPTION			AL	(ER/				M.S.1)) and		٨	MIN	ER		ZATI		,		·	V E	LINL	ETS	; •	T	4
Met	}	Name colours texture NIC & %	ü	1 2	٠_ ا	١ د	Serit	chlorite	a i a	tassic	Remarks	M	line	rals	%	че іп	/d15	s s	Interval (metres)	cΨ	Liar - chl	52	by - po cpy	anhydrite	epidote	calcite	
from	to	minerals or fragments, matrix Remarks(vein sequence, gouge zones etc.)	argill	quart/ -	brown hiotil	salicil cation	Sausserit	ch10	nota	pota	Netital No	Py	Ро	Ср	, Ma	g Mo	0		lnte (mei	412-	grani act -	gel-	c py	, hu s	epić	3 calc	to 10increasi
16.54	20.04	GRDR - weak plag. & k-sparflooding calcite vhlts hairline @ top-up to 4mm at base				W _		W	W	He @	17.43m			-		<u> </u>	\perp				 	 	\perp	 -	 	0° C/A 70° C/A	. L
20.04	20.75	GRDR - K-spar flooding	igg	1	1	W	-	\downarrow	s			\square	 	┼-	+-	+	+	┼	 	-	┼	-	 	+	 	10°	to 0°
]	<u> </u>	calcite 2-5mm wide	\perp	4	+	4—	+-	┼	+			}	\vdash	+	+	+-	+	+	 -	一	\vdash	 	+-	+-	\vdash	CZA	<u> </u>
20.75	22.37	7 GRDR - calcite vahairine to 3 mm	\perp	-	\perp	W	\bot	_W_	+			igwdap		-	+	+	+	-	 	┼	┼	\vdash	+-	+-	\vdash	+	1
22.37	22.66	GRDR - green-dk & pistacio	+	+-	+	s	s	s	+		TeorMn? fault gouge v #95255				\perp	\pm	\pm	 					 			+	
22.66	23.35	GRDR-	+	+	+	м	_м_	м	М	Calc	ite-hrline to 2mm lcm to 2cm apart			-	+	+	+	+	 	\vdash	+	-	\vdash	+	60 CZZ	20° AC./A	to 30°
23.35	23.50	Aplitic vein k-spar-plag & Qtz no mafics	+	58° C/A fro	o 'A ctr.		+	+	+		le, xtln Qtz open e alom hrline from filling	1 1		 	+	+	+	+		 				E			
23.50	31.05	GRDR - Md to fn. grain occas.	上			W_	\bot	W	W	He ₩	Ca slig#falt gouge @ 29.60			$oxed{\bot}$	\perp	$oldsymbol{\perp}$	$oldsymbol{\perp}$					lacksquare		<u> </u>		20°	to 60°
	T^{-}	7 GRDR - increasing Ca valts 33.37 to		4	_	W	\downarrow	W	W	_		 	<u> </u>	┼-	\dotplus	+	_	+	 	╀	 	\vdash	+	+	\vdash	_E/A	
33.37	37.13	3 Aplitic vein // C/A from 37.62	+	+	+	м	+-	+	+		in gouge @ 34,45	(1 %		+	+	+	+	+	 	\vdash	+-	+	+	+		10°	& 20° + 60°
		GRDR - green	#	丰	#	Fi-	上			and	w/ calc. vnlts to	v	ein	Let de	.\$ &	di	sser	n -		$oxed{\Box}$	\perp	lacksquare	<u> </u>	lacksquare		<u></u>]
			+	+	+	+	+	+	+	_1	//some pyrite liss & in frctrs.	-	\vdash	+	+	+	+-	+	-	+	+	+	┼─	+	+-	+	1
 	 		+	+	+-	+	+	+	+		eb 1.5cm X 1.5cm X ssays - 1m each	1.5c	<u> </u>	+	+	+-	+	+	1	\dagger	+	 		+	 	+	†
	-		土	+-	土	士	上	土	土	9525 33	66,58,59,60 37 to 34 26,35 25,	36.2	, 2 2 2 3	 	4 5	:amp	16-	#		$oxed{\bot}$	1			 		$oxed{\bot}$	1
37.13	37.8	Aplitic/Pegmatitic	1	1	+	+	\perp	_	+		ay 952629 to 37.23	 	 	igapha	-	+	+	+	-	\vdash	┼	+	+	+	┼-	+	1
37.81	38.5	38.09 to GRDR- w/ Aplitic vein 6 38.17	+	+	+	+	M M		W	1	ole taken	+-	\vdash	+	+	+	+	+-	+	+	+	+	+	+	\vdash	00	aco 30°
38.59		1 Kspar - Qtz plag H. dk brown grmass	ــــــــــــــــــــــــــــــــــــــ			<u> </u>	1 12		—		76 to 43.87															4=7	1

E.O.H. dk brown gmass
<1% v.f. gr. mafics

47.75

Assay Data Sheet of 1 HOLF NO WB-83-1 Page 1 Sample W ppm Rock Au g/t NA Mo ppm (u %) Cu ppm Auoz/t Ingq 1 Length. Ay 62/1 Number To From ŁΛ 0.04 95251 silic-mal L0.003 GRDR 0.18 4.56 4.50 .06 95252 0.006 0.0 GRDR 0.08 4.56 4.88 .32 95253 0.008 0.11 GRDR 0.20 9.63 9.87 .24 95254 molachite GRDR 20.003 0.06 10.10 .05 0.04 10.05 GRDR 60.01 22.37 22.66 .29 0.06 4 GRDR 6 ру 0.02 -93 33.37 34.30 0.28 "1 GRDR 8 ру 35.25 .95 40.01 34.30 0.01 GRDR 9 ру .95 35.25 36.20 0.02 0 ру GRDR 37.13 .93 36.20 0.06 k 4 Pegmatite 1 37.13 37.81 .68 0.04 GRDR 2 .78 37**.8**1 38.59 0.36





LEGEND:

50339 - 1.20,0.04,0.21,7.38,0.104

% % % oz./t. ASSAY NUMBER - Cu,Pb,Zn,Ag,Au

93,9,110,01

SOIL VALUES Cu, Pb, Zn, Ag (p.p.m.)

CANSTAT PETROLEUM CORPORATION

BEAVERDELL AREA, GREENWOOD MD-B.C., NTS 82-E-6 E

ALASKA CROWN GRANT

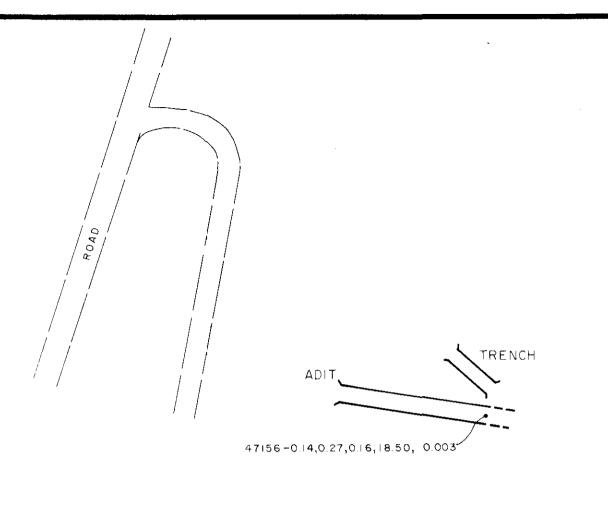
ROCK ASSAYS & SOIL GEOCHEMISTRY

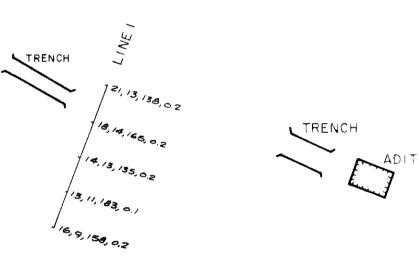
0 10 20 m SCALE 1.500

DATE: FEB. 1984

DATË: FEB. 1984 | BY: JCR / r.w.r. c.e.t.

MAP: 3 1.2





LEGEND:

47156 - 0.14, 0.27, 0.16, 18.50, <0.003 ASSAY NUMBER - Cu, Pb, Zn, Ag, Au

16,9,158,0.2

SOIL VALUES Cu, Pb, Zn, Ag (p.p.m.)

CANSTAT PETROLEUM CORPORATION

20,12,140,0.2

-N-

BEAVERDELL AREA, GREENWOOD MD-B.C., NTS 82-E-6 E

GOLD DROP

ROCK ASSAYS & SOIL GEOCHEMISTRY

10 20m

SCALE 11500

DATE FEB 1984 BY JCR / rwr. cet

MAP: 3.1.3

