85-1110-14407

ASSESSMENT REPORT

DIAMOND DRILLING on the DOME MOUNTAIN PROPERTY

Grizzly, Hawk, Porcupine, and Snowdrop claims Record Numbers 1530, 1558, 1551, 1556 of the Dome North and Forks groups

N.T.S. 93 L/ 10E, 15E

Omineca Mining Division British Columbia

Latitude 54 deg. Longitude 126 deg.

44.5'

Report by: Delbert E. Myers, Jr. Project Geologist FILMED

Submitted: February 1986

Claims owned by: Noranda Exploration Company,Limited (No Personal Liability) P.O. Box 2380 Vancouver, B.C. V6B 3T5

Operated by:

Noranda Exploration Co.,Ltd.(NPL) 3A-1750 Quinn Street Prince George, B.C. V2N 1X3

GEOLOGICAL BRANCH ASSESSMENT REPORT

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SUMMARY

Four gold showings on Dome Mountain were diamond drilled by Noranda in September 1985. 1546 feet (471.22m) of NQ hole were drilled in thirteen holes. Six holes totaling 843 feet (256.94m) are reported herein.

Two holes totalling 410 feet (124.97m) were drilled at the Hawk Veins on the Hawk claim. Both holes intersected two narrow quartz veins. Both veins had lower grades in drill hole than at surface in trench 7.

The most encouraging feature of the two holes was the presence of widely spaced, narrow, mineralized quartz veinlets with minor pyrite, chalcopyrite, and sphalerite. These cut the core at about 70 to 90 degrees and parallel the two larger veins. Unfortunately the veinlets are too widely spaced to form a zone of significant mineralization.

Two holes were drilled into the Hoops Vein on the Snowdrop claim. DDH HP85-30 (138' or 42.06m) intersected two narrow schistose zones with quartz veining. The upper graded 1.3 ppm Au and 22.3 ppm Ag over 0.4m. The lower was much lower grade over 0.85m. Some treching here might be undertaken to better define the orientations of the veins.

The three final holes were drilled at the Cabin Vein on the Grizzly and Porcupine claims. The three holes totalled 295 feet or 89.92m.

Hole C85-31 intersected an altered zone more than 8 m wide. The zone is sericite and carbonate-rich, weakly foliated, and mineralized with quartz-carbonate veinlets and averages 5 to 6% pyrite, galena, sphalerite, and chalcopyrite. The best sample from this zone assayed 3.43 ppm Au and 29.1 ppm Ag over 1.0m.

Hole C85-32 was drilled on a parallel section some 60m west of the C85-31. It intersected just more than 4m of altered, sheared rock. The best sample ran 1.13 ppm Au and 15.8 ppm Ag over 0.75m.

The last hole was drilled about 60m east of hole 31. DDH C85-33 intersected about 2m of altered, sheared rock which averaged about 2.5% sulfides consisting of pyrite, galena, sphalerite, and chalcopyrite. The best section averaged 2.43 ppm Au and 26.5 ppm Ag over 1.55m.

A strike of about 76 deg. and a dip of 40 - 45 deg. is estimated for the altered, schistose zone. No veins, only narrow quartz-carbonate veinlets, were intersected within the zone. An average grade of 2.04 ppm Au over 4.5m (C85-31) is the best grade encountered over such a width on the Cabin Vein. Drilling along strike is recommended.

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INTRODUCTION

PURPOSE

The purpose of this work was to test the economic potential of gold mineralization exposed at surface in several locations on Dome Mountain.

LOCATION AND ACCESS

Dome Mountain is located 35 km east of Smithers, B.C. and 660 km NNW of Vancouver (Figure 1). It rises to 5751 feet (1753m) near the southern end of the Babine Range.

Road access exists to three sides of the mountain. The best access is by the Chapman Lake Forest Service Road to a graveled mining road which climbs the mountain to the Free Gold Showing at an elevation of 4200 feet (1280m). This showing is about a 65 km drive from Smithers. From the Free Gold Showing, four-wheel drive roads go to the Forks Showing at 4350 feet (1326m) and over the south shoulder of Dome Mountain at 5500 feet (1676m).

PROPERTY

Noranda Exploration holds two groups of claims on Dome Mountain, the Dome North Group (Table 1) and the Forks Group (Table 2). The two claim groups are shown in Figure 2.

The claims are held under option from two vendors. One option agreement is with A. and J. L'Orsa, K. Coswan, and W. McGowan. The other option agreement is with Reako Explorations Ltd. and Panther Mines Ltd.

The Dome North Group claims are adjoined on the north by the Byron 1 and 2 claims of Noranda Exploration. The Dome North and Forks Groups claims surround (on three sides) the Luki, Dome A, and Repeater 2 claims held by Reako and Panther. They cover the Free Gold Showing.

PREVIOUS WORK

Exploration on Dome Mountain began as early as 1915 (Hoskins, 1916). High grade assays, such as 6.56 ounces Au per ton ore (opt Au) over 16 inches, were reported from a visit as early as 1916 (Galloway, 1917).



Table 1. Dome North Claim Group, Dome Mountain

		Type of		
Name Re	cord No.	<u>Claim</u>	Units	Record Date
Ptarmigan	1529	2P	1	8 November
Grizzly	1530	2P	1	**
Eagle	1534	2P	1	••
Eagle Fr.	1535	2P	1	••
Hercules	1536	2P	1	
Triangle Fr.	1537	2P	1	
Dome	1538	2P	1	101
Whistler	1542	2P	1	••
Whistler Fr.	1543	2P	1	14
No. 5	1544	2P	1	••
Pioneer	1549	2P	1	••
Gem	1550	2P	1	
Porcupine	1551	2P	1	••
Elk	1552	2P	1	••
Bertha Fr.	1553	2P	1	FI .
Hawk	1558	2P	1	••
No. 1	1559	2P	1	
No. 4	1561	2P	1	••
Dome 5	1627	2P	1	1 March
Repeater 1	3408	MC	20	4 November
Mat 1	3839	MC	20	16 July
Cope 2	4501	2P	1	2 October
Bert I	4831	MC	20	12 October
Bert II	4832	MC	20	**

100 units

Table 2. Forks Claim Group, Dome Mountain

		Type of		
Name	Record No.	<u>Claim</u>	<u>Units</u>	Record Date
Josie	1531	2P	1	8 November
Raven	1532	2P	1	••
Telkwa	1533	2P	1	
Vancouver	1539	2P	1	**
No. 3	1540	2P	1	••
No. 6	1541	2P	1	••
Victoria Fr.	1545	2P	1	
Freda	1546	2P	1	84
Trail Fr.	1547	2P	1	
Tom Fr.	1548	2P	1	44
New York	1554	2P	1	••
Trail	1555	2P	1	
Snowdrop	1556	2P	1	••
No. 2	1557	2P	1	••
Wallace	1560	2P	1	. ••
Wallace Fr.	1562	2P	1	••
Dome 1	1623	2P	1	1 March
Dome 2	1624	2P	1	1 March
Dome 3	1625	2P	1	1 March
Dome 4	1626	2P	1	1 March
Dome 6	1628	2P	1	1 March
Babs #3	1983	MC	8	28 August
Babs #4	1984	MC	8	# •
Babs #5	1985	MC	6	**
Dome B	3566	MC	20	12 February
Boo Fr.	3950	2P	1	23 July
Boo 1	3951	2P	1	**
Boo 2	3952	2P	1	
Boo 3	3953	2P	1	••
Boo 4	3954	2P	1	
Boo 5	3955	2P	1	
Cope 1	4500	2P	1	2 October
Cope 3	4502	2P	1	2 October
Cope 4	4503	2P	1	2 October
Cope 5	4504	2P	1	2 October
Betty 1	6041	MC	20	15 February
				•

7

93 units



Early exploration on Dome Mountain peaked around 1923 when the Dome Mountain Gold Mining Company began shaft sinking at the Forks Showing (Galloway, 1924). A shaft was sunk 107 feet and about 425 feet of drifts were driven from the 100 foot level. This was intended to test a mineralized zone at surface some 100 feet long by 30 feet or more wide, according to Gaul (1922).

A later report by Lee (1924) concluded that the surface showing was a flat dipping vein. Seventy feet below surface the vein dipped steeper and it graded 0.42 opt Au and 1.6 opt Ag in a shoot 125 feet long by 2.5 feet wide in a drift.

Underground work was stopped in 1924. No further trenching or underground work has been done in the area since. No diamond drilling has been undertaken on Dome Mountain except at the Free Gold Showing.

The Free Gold Showing (held by Reako and Panther) has had more recent work including underground exploration in the 1930's and surface drilling in the 1960's and 1980's. Some open pit mining was done by Reako in 1982 and about 90 tons of rock and concentrates reported to contain about 340 ounces of gold were shipped to Trail, B.C. (Dickson, 1983). The Free Gold Showing is located 2 km northeast of the Forks Showing.

Numerous other showings occur on Dome Mountain and are described in some detail by Myers (1984a).

Noranda Exploration conducted a program of linecutting, geological mapping, soil geochemistry, and magnetic and VLFEM surveying over an area two by eight kilometers in 1984. Some of this work is reported by Myers (1984b).

In 1985 three drill programs were undertaken by Noranda. This report covers some results of the third drill program.

REGIONAL GEOLOGY

Dome Mountain lies within the Intermontaine Belt of the Canadian Cordillera. The Skeena Arch, a broad structural high, which separates the Bowser Basin from the Nechako Basin to the south, underlies the area.

According to Tipper and Richards (1976), Dome Mountain is underlain by Babine shelf facies of the Lower Jurassic Telkwa Formation volcanics and interbedded sediments. A black shale facies of the Nilkitkwa Formation overlies the

Telkwa volcanics. This is overlain by the Red Tuff Member volcanics. Smithers Formation (Middle Jurassic) lithic sandstones and shales overlie the Red Tuff Member.

MacIntyre (1985) suggests that Dome Mountain is a southeast plunging anticline with Telkwa Formation andesites exposed on the summit and flanks of Dome Mountain. He maps the contact between Telkwa and Nilkitkwa Formation rocks as passing through or near the Forks, but being offset by a ENE striking fault.

WORK UNDERTAKEN

The third and final period of diamond drilling on Dome Mountain by Noranda in 1985 began on 11 September and ended on 21 September. Four showings were drill tested. These were: the Baseline 9800 N showing,

the Hawk Veins, the Hoops Vein, and the Cabin Vein. A total of 1500' (457m) of diamond drilling was planned.

J.T. Thomas Drilling of Smithers, B.C. was the contractor. Two crews of two men operated the Ackers drill on two-ten hour shifts per day. NO series equipment was used to produce a rock core about 47mm in diameter. A fifth man was employed by Thomas at the beginning of the job to build access roads to the drillsites.

Very rainy weather began just after the access roads were built. These roads became impassable to 4-wheel drive vehicles within a few days. Noranda's Bombardier Muskeg Carrier and the contractors bulldozer were used to move men and equipment for most of the job.

All core was logged by the author after the drilling was finished. Core was logged and split at the Noranda camp at kilometer 70 on the Chapman Lake Forest Service Road or in a Smithers warehouse. All thirteen holes are stored at the Noranda camp mentioned above, which is on the Mat 1 claim. The split core samples were assayed for Au and Ag by Bondar-Clegg in Vancouver.

All collar coordinates are based on compass and hipchain measurements from grid stations. The grid is described in Myers(1984b). Elevations are based on hand level and levelling rod traverses from local reference points. These points were given arbitrary elevations close to actual elevations. The reference points were not leveled between each other.

All field work pertaining to the drill program was completed on 20 October 1985. At this time there was 15" (38cm) of snow at the Forks showing.

RESULTS

A total of 1546 feet (471.23) of diamond drilling was done in the third and final period of 1985 drilling. Thirteen holes were drilled. Four showings were tested. Results from six drill holes are given in this report. The drill core logs are given in Appendix 4, the sections and plans are Figures 3 to 10, and Table 3 summarizes the locations of the holes.

Six holes were drilled at the Baseline 9800N showing to test massive sulfide mineralization. This had been exposed in Trenches 85-7 and 85-12 and assayed up to 92.78 ppm Au, 3315.5 ppm Ag, 1.06% Cu, 11.4% Pb, and 25.3% Zn over 0.22m. These are reported in Myers (1985).

The next two holes where drilled on the Hawk claim. They tested several quartz veins at depth. The Hawk veins had been trenched in the 1920's. Trench 7 of Figure 3 contained two northest dipping quartz veins. A grab sample from one ran 51.0 ppm Au and 350 ppm Ag.

Hole HW85-27 was drilled to intersect both veins below trench 7. The hole unfortunately was lost at 48.77m (160') about 30m short of the planned final depth. The contractor moved the drill forward 2 feet and drilled another hole (HW85-28). This second hole was drilled to 76.2m (see Figure 4).

Both holes intersected two narrow quartz veins. These are believed to correlate with the two veins in trench 7.

The upper vein assayed 1.30 ppm Au and 11.7 ppm Ag in hole 27 (0.45m) and 0.69 ppm Au amd 2.4 ppm Ag in hole 28 (0.5m).

The lower vein assayed 0.65 ppm Au and 4.8 ppm Ag over 0.7m in hole 27 and 0.07 ppm Au and 0.7 ppm Ag over 0.1m in hole 28. Both veins proved to be rather disappointing in the drill holes.

The most encouraging feature of the two holes was the presence of widely spaced, narrow, mineralized quartz veinlets with minor pyrite, chalcopyrite, and sphalerite. These cut the core at about 70 to 90 degrees and hence should parallel the two larger veins. Unfortunately the veinlets are too widely spaced to form a zone of low but significant grade mineralization.

Summary of diamond drill hole locations from the Table 3. third 1985 Noranda drill program at Dome Mountain. Length Latitude Departure Elev. Azim. Inclin. Hole Claim (m) (m N) (m E) (m) (deg.) (deg.) 20.73 BL85-21 9799 10013 1326.5 -90 No.3 BL85-22 18.29 9808 10007.5 1327.4 -90 No.3 BL85-23 22.25 9817 10003 1332.2 -90 No.3 BL85-24 35.97 9799 10042 1325.9 -90 No.3 21.34 BL85-25 9825.5 9999 1334.1 -90 No.4 BL85-26 25.30 9864 9997 1342.9 -90 No.4 HW85-27 48.77 9491 226 12183 1615 -45 Hawk HW85-28 76.20 12183 9490.4 1615 226 -45 Hawk HP85-29 70.41 10992.5 9124.5 1585 215 -44 Snowdrop HP85-30 42.06 10993 9047 1595 35 -47 Snowdrop C85-31 10929 31.70 9855 1478.3 347 -45 Grizzly C85-32 34.44 9798.5 10953 1480.4 345 -45 Porcupine C85-33 9906.5 23.77 10896.5 1474.1 347 -45 Grizzly _____ 471.23m (1546')

Two holes were drilled into the Hoops Vein (Figures 5 and 6). The Hoops Vein ran 16 ppm Au and 350 ppm Ag over 0.5m in one surface sample.

Hole HP85-29 (see Myers, 1985) intersected only one zone with quartz veinlets in chlorite schist. A 0.9m sample assayed only 0.10 ppm Au. Low grade silver mineralization occurred lower in the hole. Calcite veined sections of foliated andesite ran just under one ounce (33.3 and 30.5 ppm) silver over lengths under one meter.

A second hole was drilled in the opposite direction on a section about 17.5m NW of the first. This hole, DDH HP85-30 (Figure 6), intersected two narrow schistose zones with quartz veining. The upper zone graded 1.3 ppm Au and 22.3 ppm Ag over 0.4m. The lower zone was much lower grade over 0.85m.

The two holes failed to intersect mineralization as good as that seen on surface. Some trenching here might be undertaken to better define the orientations of the veins.

The three final holes of the 1985 drill programs were drilled at the Cabin Vein. No outcrops of the vein occur. The location of the vein was inferred from the locations of collapsed trenches, a water-filled shaft, and a collapsed adit. These features and the circa 1924 maps of Dome Mountain Gold Mines proved to be sufficient information to collar holes to intersect the Cabin Vein.

Hole C85-31 (Figures 7 and 8) was collared on a section perpendicular to the Cabin Vein about halfway between Federal Creek and the underground workings on the Vein. The hole intersected an altered zone more than 8 m wide. The zone is sericite and carbonate-rich, weakly foliated, and mineralized with quartz-carbonate veinlets and averages 5 to 6% pyrite, galena, sphalerite, and chalcopyrite. The best sample from this zone assayed 3.43 ppm Au and 29.1 ppm Ag over 1.0m. The most altered section averaged 2.04 ppm Au and 18.3 ppm Ag over 4.5m. Six meters deeper in the hole a narrow vein ran 2.40 ppm Au and 72.0 ppm Ag over 0.15m.

The next hole was drilled on a parallel section some 60m west of the first section. Hole C85-32 (Figure 9) intersected just more than 4m of altered, shear rock. The best sample ran 1.13 ppm Au and 15.8 ppm Ag over 0.75m. The entire section averaged 0.38 ppm Au and 5.85 ppm Ag over 4.1m.

The last hole was drilled about 60m east of hole 31. DDH C85-33 (Figure 10) intersected about 2m of altered, sheared rock which averaged about 2.5% sulfides consisting

of pyrite, galena, sphalerite, and chalcopyrite. The best section averaged 2.43 ppm Au and 26.5 ppm Ag over 1.55m.

A strike of about 76 deg. and a dip of 40 - 45 deg. is estimated for the altered, schistose zone. No veins were intersected within the zone only narrow veinlets. It seems likely that a localized quartz vein was interested by the Cabin adit along a fault crosscutting the zone.

The best mineralization was found in the first hole, C85-31. An average grade of 2.04 ppm Au over 4.5m is the best grade encountered over such a width on the Cabin Vein.

CONCLUSIONS

Four showings on Dome Mountain were drilled in September 1985. Some of the results from this drilling are given in this report.

Drilling at the Hawk and Hoops Veins gave poor results which are not encouraging. A very low grade zone of sheeted, but widely spaced, veinlets exists on the Hawk claim (less than 0.01 opt Au).

Drilling at the Cabin Vein did not produce any veins! A sericite schist zone with quartz-carbonate veinlets and pyrite, galena, sphalerite, and chalcopyrite mineralization was found instead. It ranged from just over 8m down to 2m thick. Grades were rather low for the widths involved. The best intersection was in hole C85-31 which averaged 2.04 and 18.3 ppm Au and Ag over 4.5m. The width of quartz vein show on circa 1924 underground plans is probably related to a crossfault shown on those plans. Its tonnage potential is probably on the order of a few 100 tonnes.

RECOMMENDATIONS

No further drilling is recommended at the Hawk Veins or the Hoop Vein areas. Some trenching is warrented in or near these areas to look for additional, larger veins.

The Cabin Vein mineralization found in the 1920's lies within a thicker zone of altered volcanics which should be tested along strike from DDH C85-31 to -33 by diamond or percussion drilling.

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Summary of Personnel - Dome Mountain Drilling

Name, Address	Position	Field Work
Ian Cooper 3A-1750 Quinn Street Prince George, B.C. V2N 1X3	Geologist	5-10, 28 Sept. 85
Del Myers 3A-1750 Quinn Street Prince George, B.C. V2N 1X3	Project Geologist	3-8, 11-26 Sept. 17-20 Oct. 85
Vern Seel 3A-1750 Quinn Street Prince George, B.C. V2N 1X3	Geologist	7-10, 24-26, 28, 29 Sept. 17-20 Oct. 85

Statement of Costs

Wages: No. of Days 26 man-days Rate per Day \$130 Dates 3 Sept. - 20 October 1985 Total Wages \$3380 Food and Accommodation: No. of Daya 26 man-days Rate per Day \$23 3 Sept. - 20 Oct. 1985 Dates Total Cost \$598 Transportation: Trucks, Muskeg Carrier 26 vehicle-days No. of Days Rate per Day \$40 Dates 3 Sept. - 20 Oct. 1985 Total Cost \$1040 Analyses Number of Samples 71 rocks Cost per sample \$3.75 crushing + \$11.50 Au, Ag assay Elements Analysed Au, Ag Total Cost \$686 Cost of Report Preparation Author \$130 Drafting \$130 Typing Total Cost \$260 Drill Contractor \$16,929 for 843 feet Total Cost \$22,893 Work done on Forks Group \$3747.61 (Snowdrop claim) Work done on Dome North Group \$19,145.39 (Grizzly, Porcupine, Hawk claims) $X = \int_{-\infty}^{\infty} A$ Total \$22,893.00

STATEMENT OF QUALIFICATIONS

I, Delbert E. Myers, Jr., of the City of Prince George, Province of British Columbia, hereby certify that:

- I am a graduate of Pennsylvania State University with a Bachelor of Science degree in Geological Sciences (1970) and of the University of Toronto with a Master of Science degree in Geochemistry (1973).
- 2. I have practised the profession of geology continuously since graduation.
- 3. I have been employed as a geologist by Noranda Exploration Company, Limited since June 1980.
- 4. I am a founding member of the Association of Professional Engineers, Geologists, and Geophysicists of the N.W.T. and a fellow of the Geological Association of Canada.
- 5. The information contained in this report is based on published and unpublished reports on the property and surrounding area, and on work done by me or under my supervision in 1985.
- 6. I have no interest in the property except as a small shareholder of Noranda Inc.

Dated at Prince George, B.C., this 25th day of January, 1986.



Went E mayor

Delbert E. Myers, Jr. Project Geologist Noranda Exploration Company, Limited (No Personal Liability)

Diamond Drill Hole Logs

Dome Mountain property, B.C.

DDH HW85 - 27 and 28 DDH HP85 - 30 DDH C85 - 31 to 33

Diamond Drill Hole Logs

Dome Mountain property, B.C.

DDH HW85 - 27 and 28 DDH HP85 - 30 DDH C85 - 31 to 33

D.D.H.: HW85-27

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DATE CO 14 Sept	DLLARED: t. 1985	DATE C 15 Sep	OMPLETED: t. 1985	CORE: NQ, 47 mm dia.	PROP Dome	ERTY: Mt Haw	k Claim		PROJECT NO T56	• :		N.T.S. # 93L/15E	•	
					DIP	TESTS							•	
FIELI	COORDI	NATES	DIP:	I DEPTH I I I I	BEARING REC. ()COR.	I ANGLI I REC. () (E COR.	I SURV	EYED COORD ELEV	INATES		SHEET HOLE NO	1 of 3 .: HW 8	5-27
12,183	N	1615 m	45 deg.		$\langle \rangle$			1 *						
DEP.: 9491 E		LENGTH: 48.77 m	BEARING: 226 deg.	1 I	$\langle \rangle$	l L O		I DEP.	LENG	TH BEA	RING			
FROM (m)	((TC) ((a))	((RECOVERY ((\$)	<pre></pre> (DES(CRIPTION	((STRUCTURE (m/deg. #CA	< (x (SULPH.	< EST. GRADE	((SAMPLE (NO.	((WIDTH ((m)	((AU (gmt)	A S (A6 (gmt)	SAYS (CU (1X)	(PB ((%)	(ZN ((%)
6.0	(((2.0	< < 0	(NO RECOVERY		` ((((\ { {	(((2.0	` < <	` (((< < <	((
2.0	(7.0	< < 100	(ANDESITE		((< <	< <	< <	((((((((((. (
			<pre>{ greenish grey, 1 { minor Mn & Fe co { minor quartz-can { lets, about 1/4 { over unit. {</pre>	fine grain, massive, Dated fractures, rbonate pyrite vein- 4 pyrite if averaged	(4.4/80 (qtz-py (veinlet (6.4/90 (qtz-py (veinlet	<pre>< (1/4 (((((((((((((((((((</pre>	((nil (((< < < < < <	((5.0) ((((((,	(((((< < < < < < < <	
7.0	(10.7	< 100	CALTERED ANDESITE	Ē		< <	((((((((((((. (
			<pre>(pale greenish gr (fine grain, weal (minor disseminat (out, cut by nume (fractures of var (minor carbonate (hematite veinlet (numite)</pre>	rey/pale marcon, kly foliated rock, ced pyrite through- erous Fe stained ious attitudes, and quartz-pyrite- cs (minor chalco-	(7.1/40 (rusty (fracture 9.2/80 (qtz-py-coy (veinlet	<pre> ((1/4 (((((((((((((((((((</pre>	((((((3.7(((< (((((((
		< < < <	(pyrite) { { { {	7.0 8.0 8.0 9.0 9.0 10.0 10.0 10.7	1.0 m 1.0 m 1.0 m 1.0 m 6.7 m			<pre>(18451 18452 18453 18453 18454 </pre>	((((0.070.070.070.070.07	0.70.70.70.70.70.70.7	<		
10.7	15.3	、 (100	ANDESITE				х ((((、 (((< (\$ { {	((
		- (((((<pre> (greenish grey, f (minor quartz-car (lets with minor (galena?, chalcop (5 mm thick (</pre>	Fine grain, massive, 'bonate-pyrite vein-(sphalerite, byrite, veinlets to ((10.8/80 veinlet (11.6/60 veinlet (14.5/20 veinlet	((1/4 ((((nil (((((((· (((((
15.3	15.75	、 (85	(QUARTZ VEIN & AL	TERED ANDESITE		(č		``````````````````````````````````````	, ((< · ·	х (,	
		((、 〈 10 cm quartz vei 〈 from 15.3 to 15. 〈 bleached andesit 〈 crumbly, somewha	n with 20% pyrite (4 m and 0.35 m e with common rust,(at clayey	15.3/70 contact	((5) ((10w (10w	((((((0.45 (((1.38) (, ((11.7 (Belli	JE-	i i i

PROPERTY: Dome Mt. - Hawk Claim

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HOLE ND.: HW 85-27

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		<			 <	((<	<	ASS	SAYS		
FROM (m)	(TO (m) (<pre> RECOVERY (%) (*) </pre>	<pre> DESCRIPTION C</pre>	(STRUCTURE (m/deg. WCA ((% (SULPH. ((EST. (GRADE	(SAMPLE (ND.	(WIDTH ((m) ((AU (ppm) ((AG ((ppm) ((CU ((%) ((PB ((%))	< ZN < (%)
15.75	17.9	((93 /	(ANDESITE	((< (,	< < ;	< {	< (< {	< { }	< { {	((< <
		<pre></pre>	<pre>(green, fine grain, rather broken, (7 quartz-carbonate pyrite veinlets (with 5-10% pyrite)sphalerite) (galena)chalcopyrite - total width (gabent 5 cm</pre>	(15.8/70 (veinlet (17.4/65 (< (1% ((< (nil ((((< { { {	(2.15 (((< < < <	((((((((
	(<	(15.75-16.9 (16.9 -17.9	(1.15 m (1.00 m	(((<pre> 18456</pre>	(((0.34 (0.17	< 1.0 < 0.7	((((
17.9	21.5	< 100 ·	(ANDESITE	((({ /	(((< { /	< ((((((((((((
		<pre></pre>	(green, fine/medium grain, hematitic (fractures, 1 cm quartz vein with (5% pyrite at 18.8 m	(18.8/50 (veinlet ((trace (((nil ((((< 3.6 <	、 ((<pre></pre>			(
21.5 (27.7	< 100 · · ·	(ANDESITE		(< < <	((/	(((/				: (
			(green, v. fine/medium grain, minor (quartz & carbonate & pyrite +/- (chalcopyrite +/- sphalerite +/- (galena fractures at 10 cm to 3 m (intervals (18 veinlets - widest is (4 cm at 27.5 m, total thickness is (4 bout 20 cm)	(22.1/50 (2 cm (veinlet (27.4/70 (1 cm (veinlet	((trace (((< { nil { { { { {	< < < < < < < <	((((((
27.7 ((28.0	((100) (((ALTERED ANDESITE () (pale greenish grey, 2% pyrite	((27.7/65 (qtz carbo- (nate vein-	< 5× < <	(((low	< < < (18458	< < < 0.3	< (((0.07	<pre>{</pre>			; [(
(<		(let ((((< <	((((< · ·			((
28.0 ((32.4	< 100 < <	ANDESITE	28.3/90 (1 cm vein-	(((((< <	((,				C .
			(quartz + Carbonate + pyrite +/- (chalcopyrite, sphalerite, galena (veinlets	(30.5/90 (1 cm vein- (1 et	、 (1/4% (<pre> nil (</pre>	、 ((((4.4 (((([[
0		< · · · · · · · · · · · · · · · · · · ·		(1 cm vein-	(((((((< (((() ()			t t
32.4 (33.05	< 100 (ANDESITE		(((((< <	(: (
(-		(medium grain, hematitic maroonish) (green		(trace ((nil (ς ((< 0.65 <	(; (
										Dela	wt Cr	mil	

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		<	<	((<u>, </u>	<	<		AS	SAYS		
FR0M (m)	(10 ((m) ((RECOVERY ((%) (C DESCRIPTION	(STRUCTURE (m/deg. WCA (< X (SULPH. <	(EST. (GRADE (< SAMPLE (NO. ((WIDTH ((m) (< AU < (gmt) <	(AG ((gmt) (< CU < (%) <	< PB ((%) <	(ZN ((%) (
	(<	<	(,	(,	<	<	<	<	<	(<	(
3.05	(35.35)	< 100 ·	(ANDESITE	(33.2/80 (1 cm vein-	((((< < <	((((((((((((
	(< < <	(fine grain, green, 5 quartz + (carbonate + pyrite veinlets ((let (35.3/60 (5 mm vein-	(1/4 % ((nil ((< < <	(2.3 ((((< (((((((' ((((
5.35	(39.4 (< 100 <	(ANDESITE	35.5/70 15 mm vein-	((((((((((((((((((
	(((((((medium grain, green, 5 quartz 8 ((carbonate + pyrite +/- chalcopyrite (veinlets ((let (38.6/50 (5 mm vein- (let	(1/4% (((nil ((< < < <	(4.05) ((t C C C	< < <	< < < <	((((((
9.4 (((4 0. 1 (((100 (((DUARTZ VEIN + ALTERED ANDESITE ((12 cm white quartz vein w. 4% py,	(39.45/60 (carbonate veinlet	(((2%)	(((low	< < < (18459	((((0.7	((((0.65	< < < < 4.8	<pre>(</pre>	(((((((
		((in bleached andesite w. minor ((sericite and 4 qtz-carbonate vein- ((lets with pyrite))chalcopyrite, ((vein @ 39.5 - 39.62 m	39.5/80 Contact, vein 40.1/40 Contact			< < < <	<pre>{</pre>		(((< (((((((
D.1 ((44.55 ((100(-	(ANDÉSITE	40.4/80 carbonate	(((((((((((((((((((((((
		(· · · · · · · · · · · · · · · · · · ·	<pre>< medium/fine grain, green, minor (quartz-carbonate veinlets, grading (</pre>	veinlet 43.4/20 chloritic shear	(trace) (((nil (({ { {	(4.45) (((((<	((((
,55 (((48.77	 (100 (100 	(ANDESITE (44.7/80-60 shearing		((< < <			(((<		((
(•		(very fine grain, maroon/green, ((massive, minor carbonate veinlets, ((trace pyrite	48.7/50 nematitic fracture	trace	(nil	((((4.22)		((((
3.77	(((E.O.H. (160 FT.)				(((((((((
((rods stuck in hole, unable to con- ((tinue, unable to recover rods, hole((abandomed, move drill forward about(((((((((((((
((0.6 m (2') and drill next hole (((Note: Core not split - both (((((: ((
(()	(halves analysed ((< <	((((((1 (

Date: 25 September 1985

Ulut C3 Logged By: DEM Jr.



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NORANDA EXPLORATION COMPANY, LIMITED (No Personal Liability)

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D.D.H.: HW85-28

DATE CO 15 Sept	LLARED:	DATE C 16 Sep	OMPLETED: CORE: bt. 1985 NQ - 47	mm dia.	PROP	ERTY: Mt Hawi	k Claim		PRDJECT NO T56	. :		N.T.S. # 93L/15E	:	
					DIP 1	TESTS								
FIELD	COORDI	NATES		DEPTH I	BEARING REC. () COR.	I ANGLI	E COR.	I SURV	EYED COORD	INATES		SHEET	1 of 4	
12183 N	4	1615 m	-45 deg. 1	62.18 m i	0	56.4	49 1/2 deg.	1 LHI. 1	ELEV	. DIP		HULL NU	.: HW85	-28
DEP. : 9490.4	E	LENGTH: 76.20 m	BEARING: (226 deg. ;	<i>t</i> 1	0	1 ()		I DEP.	LENG	TH BEA	RING			
FROM ((m) ((TO ((m)	<pre> (RECOVERY (</pre>	(DESCRIPTION (<pre>< STRUCTURE < m/deg. WCA </pre>	((X · (SULPH.	(EST. (GRADE	<pre>< SAMPLE</pre>	<pre>< WIDTH (</pre>	((AU (gmt)	AS (AG (gmt)	SAYS (CU ((%)	< PB < (%)	<pre> ZN (</pre>
	 ((((((\ ((((((((<pre>{ PURPOSE: To redrill DDH which was lost 132' of drill s stuck in the ho NOTE: This hole was labe HW85-27A by drille </pre>	HW85-27 due to string le. lled rs.		<pre></pre>	\ ((((((((<pre></pre>	<pre></pre>	\ { { { { { { { { { { { { { { { { {	\ (((((((<pre></pre>	<pre>></pre>	\ { { { { { { { { { { { { { { { { {
0.0 ((2.8	(0).	(NO RECOVERY		((((-	((2.8	< <	((((((
2.8 (((((((((((((((((((7.7	(87 ((((((<pre>(ANDESITE (greenish grey, fine grain (minor quartz-pyrite-chalc (veinlets to 1 cm (5 veinl ((())))))))))))))))))))))))))))</pre>	, massive, opyrite ets)	<pre>(4.0/60 (fracture (5.9/80 (veinlet - (mineral. (7.4/30 (rusty (fracture))</pre>	(((((((((() ((((((<	(((((((<pre></pre>	< { (((((((((((((
7.7 (()	10.15	(94 (((((((((((((<pre>(ALTERED ANDESITE ((cream/light grey/pale gre (grey, very fine/fine grai (rusty fractures and vein) (carbonate-sericite altera (rusty rock fragments at 8 (minor quartz-calcite-pyri (chalcopyrite veinlets (</pre>	enish n, common ets, tion, very .2 m, te- 1.0 m 1.0 m 5 0.45 m	((9.0/30 (veinlet (10.0/70 (mineral. (veinlet (((((((((((((((((((((((((((17429 (17412 (17411) ((((((((((((((((((((((((((0.31 (0.07 (0.07 ((0.07	<pre>(((((((((((((((((((</pre>			
10.15 (((((((14.65	(100 ((((((<pre>(ANDESITE {</pre>	, massive z g. WCA}, lets	(11.0/70 (rusty (fracture (13.0/60 (mineral. (veinlet	((((((((nil ((((((((((((((((((((

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		(((<	(((<	AS	SAYS		
FROM (m)	(TD) ((m))	(RECOVERY ((%)	C DESCRIPTION	(STRUCTURE (m/deg. WCA) (< X (SULPH. <	(EST. (GRADE	(SAMPLE (ND.	(WIDTH ((m)	(AU (gmt) ((AG (gmt)	(CU ((%)	(PB ((x))	< ZN ((%)
14.65	(15.3	(100	ALTERED ANDESITE	`	\ < <	` ((` { {	< < <	` < {	` <u></u>	\ {	< < <	` (
	((((similar to previous altered ((andesite, minor quartz-carbonate- ((pyrite-chalcopyrite-sphalerite (veinlets	(14.8/80 (mineral. (veinlet	(1/2% (((low (. (<pre>(17412 (</pre>	(0.65 (((0.07 ((<pre>{ 1.7 { { { { { { { { { { { { { { { { { { {</pre>	(((((((((
15.3	((15.8 (((100) ((QUARTZ VEIN		((((((< (/		((((((((((((
		``````````````````````````````````````	<pre>&lt; white quartz with cream carbonate, </pre> <pre>( minor pyrite</pre>	15.3/50 contact	( 1/4% (	( 10w (	<pre>( 17413 ( ( ))))))))))))))))))))))))))))))))))</pre>	< 0.50 <	、 (  0.69 (	< 2.4	( ( (	( (	( (
15.8	(16.15 ·	< 50 ·	ALTERED ANDESITE		( (	( (	` <	ζ ζ	( (	ζ ζ	、 ( 〈	( (	( (
	( ( · · ·	( ( (	( broken rock similar to previous ( ( altered sections		( 1/2 <b>%</b> (	( low (	<pre>( 17414 ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (</pre>	( 0.35 (	、 ( (0.07 (	( 0.0 (	( ( (	, ( (	ζ ζ ζ
16.15	(18.35 (	( 100 (	( ANDESITE	(15.9/80 mineral.	(	( (	(	( (	( (	( (	, ( .	(	{ {
	( ( (	( ( (	( greenish grey, fine grain, massive ( andesite, minor quartz-carbonate- ( pyrite-sphalerite-chalcopyrite ( veinlets, 17.75 m clay alteration )	veinlet 18.0/70 mineral. veinlet	( 1/4% ( (	( 10w ( (	< < < <	(2.2 ( (	( ( (	( ( (	( ( (	( . ( . ( .	( ( (
18.35	(20.3 ·	(100 -	( ANDESITE (			(	( (	< (	(	( (	( (	< <	< <
			<pre>(     ( greenish grey/grey, fine/medium</pre>	19.0/60 veinlet 20.0/50 veinlet	( ( ( trace - (	( ( ( nil (	< < < <	( ( ( 1.95 (	( ( ( (	( ( (	< < < <	{ { { {	< < < <
20.3	(31.8	(100) (	(ANDESITE	21.0/50 mineral.	( · ·	( (	( ( (	( ( (	( ( (	( ( (	( (	< ( (	< < <
	( . ( . ( .	( (	<pre>( greenish grey, fine grain, massive ( ( minor quartz-carbonate-pyrite- ( ( chalcopyrite veinlets ( )</pre>	veinlet 23.0/10 veinlet 26.0/50	( ( 1/4% (	( 10w (	( ( ( (	< ( 11.5 (	( ( (	( ( (	< < < <	( ( (	( ( ( (
				shear ( 28.0/80 ( veinlet (			< < <	<pre></pre>	( ( ( ,	< < <	( ( ,	( ( ( ( ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )	( ( (
		6		mineral. (	( (		< { {	ζ · ·	<pre></pre>	( ( (	( ( (	( ( (	、 ( (
(	- (			•	( )	(	< <	( (	( (	(	( ·	( (	( (
ć		(	i i i i i i i i i i i i i i i i i i i	(	(		<	<b>(</b>	(	(	(	(	<

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FROM ( (m) (	TD (m)	( RECOVERY ( (%)	DESCRIPTION	( STRUCTURE ( ( m/deg. WCA (	× SULPH.	( EST. ( GRADE	( SAMPLE ( NO. (	( WIDTH ( (m) (	( AU (gmt) ()	( AG ( (gmt) (	( CU ( ( (%) (	(PB ((%) (	( · ZN ( (%) (
31.8 ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	38. 95 39. <b>0</b> 5		(ANDESITE (greenish grey, fine/medium grain, (massive, common cream carbonate- (quartz veinlets, minor mineralized (veinlets ( QUARTZ VEIN	( 32.0/80 ( ( 32.0/80 ( ( veinlet ( ( 34.0/60 ( ( veinlet ( ( 36.0/30 ( ( veinlet ( ( mineral. ( ( veinlet (	1/4%	( 10W ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10) ( 10)		( ( ( ( ( ( ( ( ( ( ( (					<pre></pre>
( ( (			( (white quartz with 5% cream carbo- (nate, 2% pyrite, minor sericite (	( contacts @ ( 80 deg. WCA (	2%	( low (	( ( 17415 ) (	( ( 0.10 ) (-	0.07	( (2.7) (			( ( ,
39.05 ( ( ( ( (	40.6		ANDESITE ( ( transitional from fine grain ) ( greenish to medium grain, more ( marconish andesite, minor veinlets ) ( as before, trace hematite	40.0/30 ( shear (	trace	( ( nil (		<pre>(     1.55     (     (</pre>					< ( ( ( ( (
40.6 ( ( ( ( (	43.85		ANDESITE Gark greenish grey, fine/medium grain, massive minor carbonate quartz veinlets	( 41.0/50 ( fracture ( 43.0/20 ( veinlet (	trace	( ( nil ) (		( ( ( ( ( ( ( (					
43.85 ( 43.85 ( ( ( ( ( ( ( ( ( ( ( ( (	53.0		ANDESITE very fine grain/fine grain, mainly maroon with some greyish, massive rock with minor guartz-carbonate veinlets	( 44.0/70 ( 47.0/40 ( fracture ( 50.0/0 ( fracture ( 53.0/50 ( shear (	trace	( ( nil (		( 9.15 ( ( 9.15 ( ( ) ) ) ) ) ) ) ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ) ( ) ) ) ( ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )					
( 53.0 ( ( ( ( ( ( (	59.3		ANDESITE TUFF BRECCIA ( ( ( ( ( ( ( ( ( ( ( ( ( ( ) ( ) ( )	55.0/40 ( foliation ( 57.0/60 ( foliation ( 59.0/70 ( foliation ( 6.	trace	( nil (		( 5.3 ( ( 5.3 ( ( 6.3 ( ( 6.3 ( ( 7.5))))))))))))))))))))))))))))))))))))					

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FROM	( TO	< RECOVERY	C DESCRIPTION	STRUCTURE (	×	< EST.	< SAMPLE	( WIDTH	( AU	< AG	< CU	( PB	(ZN
(m) (	( (m)	( (%)	< · · · · · · · · · · · · · · · · · · ·	(m/deg. WCA (	SULPH.	GRADE	< ND.	(m)	(ppm)	( (ppm)	( (%)	( (%)	( (%)
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59.3	(76.2	( 100	ANDESITE LAPILLI TUFF	61.0/40 (		<	ć	<	(	<	ć	(	ć
	( ·	<	(	(fracture (	( · · · · ·	< ·	<	<	(	(	(	(	(
(	(	<	( greenish grey, andesitic and felsic(	63.0/40 <	trace	(nil	( <del>16.9</del> '	( 16.9	<	<	<	<	<
(	(	(	( lapilli throughout, weakly sheared (	veinlet (		<b>(</b>	<	(	<	<	<	(	(
•	(	<	( at top, grading into massive at	(65.0/90 (		< ·	<	<	(	<	<	<	<
(	(	<	<pre>( base, common calcite veinlets, )</pre>	fracture (		<b>(</b>	<	(	<	(	(	(	(
(	(	<	<pre>( trace pyrite with veinlets )</pre>	67.0/10 (		< ·	<	<u>،</u>	<	<	<	<	<
	(	(	( especially at top (	fracure (		۰ ·	<	(	<	(	(	(	(
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DATE: 18, 19 October 1985 LOGGED BY: Del Myers, Jr.

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D.D.H.: HP 85-30

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DATE CO 19 Sept	LLARED:	DATE C 19 Sep	DMPLETED: CORE: t. 1985 NQ	PROPE	ERTY: Mt Sno	wdrop Cla	im	PROJECT NO T56	.:		N.T.S. # 93L/10E	1	
				DIP 1	TESTS								
FIELI	COORD I	NATES	I DEPT	TH I BEARING I REC. () COR.	I ANGL	E COR.	I SURV	EYED COORD	INATES		SHEET	1 of 2	
LAT.: 10993 N	ı	ELEV.: 1595 m	DIP: ! -47 deg. !				I LAT.	ELEV	. DIP		HOLE NO	.: HP85	-30
DEP.: 9047 E		LENGTH: 42.06 m	BEARING: I 35 deg. I	t I O	i I O		I DEP.	LENG	TH BEA	RING			
FROM (m)	(TD ( (m)	( RECOVERY ( (%)	( DESCRIPTION	<pre>{</pre>	( x ( SULPH.	< EST. ( GRADE	( SAMPLE ( NO.	( ( WIDTH ( (m)	( ( AU ( gmt)	A S ( AG ( (gmt)	SAYS ( CU ( (¥)	( PB ( (¥)	( ZN ( (%)
0.0	4.0	< <u> </u>	< ND RECOVERY	· (	(	( (	< <u></u>	4.0	<	(	( (	{ {	( <b>-</b>
4.0	14.3	<pre>{     100     (         100     (         (         (         (</pre>	<pre>( ANDESITE ( ( green grading into maroonish g ( at bottom, fine grain, weakly ( foliated, minor quartz-carbona ( veinlets, minor pyrite as diss ( nations and blebs, especially ( veinlets, trace chalcopyrite (</pre>	<pre>{     ( 4.7/40         ( foliation         ( foliation</pre>	( ( ( ( ( ( ( (	<pre>{     (</pre>	< < < < < < < < < < < < < < < < < < <	<pre>( ( ( ( 10.3 ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (</pre>	< <li></li> <li><!--</td--><td>&lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt;</td><td>&lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt; &lt;</td><td></td><td>&lt; &lt; &lt;</td></li>	< < < < < < < < < < < < < < < <	< < < < < < < < < < < < < < < < < < <		< < < < < < < < < < < < < < < < < < <
		< < <	<ul> <li>7.3-8.3</li> <li>8.3-9.3</li> <li>11.3-12.3</li> </ul>	( 1.0 m ( 1.0 m ( 1.0 m (		( ( (	<pre>( 18464 ( 18465 ( 18466 ( 18466</pre>	( ( (	< <0.07 < 0.07 < 0.10 <	< (0.7 ( 0.7 ( 4.1	< < <	( ( (	( ( (
14.3	15.95	< 100 < < < <	(ANDESITE ( ( weakly altered, weakly foliate ( grey/greenish grey/maroonish g ( verv fine/fine grain, minor du	( ( d, (14.4/70) (reen, (foliation) artz-(15.6/50)	( ( ( ( 1/2	( ( ( ( ) (	( ( ( (	( ( ( ( 1,65	( ( ( (	< < < < < <	< < < <	( ( ( (	( ( ( (
		< < < <	( carbonate veinlets, some silic ( cation or thin felsic bands, m ( pyrite as disseminations and b ( especially in veinlets, trace ( chalcopyrite	ifi- ( foliation ) inor ( lebs,( ( (		< < < <	< < < <	( ( ( (	< < < <	< < < < <	( ( ( (	{ < < < <	< < < <
		( ( (	( 14.3-15.1 ( 15.1-15.95 (	< 0.8 m ( 0.85 m (		( ( (	< 18460 ( 18461 <	( (	< 0.07 < 0.07 <	< 0.7 < 1.4	< ( <	( ( (	< ( (
15.95 (	16.35	< 100 <	( QUARTZ VEINS & SERICITE SCHIST (		, ,	( (	( (	(	( (	( (	( (	( (	(
		{ { { {	( 10 cm white quartz with 10% py ( & 1% sphalerite + galena, 15 c ( sericite schist with 3% dissem ( nated pyrite, 15 cm white quar ( with 5% pyrite, 1% chalcopyrit (	rite ( 15.95/45 m ( contact 11- ( 15.35/70 ) tz ( contact ) e (	(5%)	( med. ( ( (	(18462 ( ( ( (	< 0.40 < < < <	<pre>( 1.30) ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (</pre>	(22.3 ( ( (	( ( ( (	( ( ( (	( ( ( (
16.35 (	20.4	( 100 (	, ( ANDESITE TUFF (	(17.2/70) (foliation)		(	, ( (	, ( (	, ( (	( (	( (	( (	( (
		( ( (	<pre>( green and marcon, fine grain w ( some lapilli and bombs, minor ) ( carbonate veinlets, pyrite in ( let 0 18.5 m, weakly foliated</pre>	ith (19.0/55 qtz- (foliation vein-(20.1/75 (veinlet)	( trace ( (	( nil ( (	<	< 4,05 < < <	( ( (	< < <	< ( (	( ( ( (	( ( (

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#### PROPERTY: Dome Mt. - Snowdrop Claim

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#### HOLE NO.: HP85-30

#### PAGE 2 of 2

D.D.H.: HP85-30

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FROM ( (m) (	(TD) ((m)	(RECOVERY	C DESCRIPTION	<pre>( STRUCTURE -   ( m/deg; WCA</pre>	< ¥ < SULPH.	( EST. ( GRADE	( SAMPLE ( NO.	(WIDTH ( (m)	(AU (cmt)	( AG (omt)	( CU · ( (%)	(PB) ((%)	( ZN ( (%)
9	·	(	·	·	(	·	·	{	{	·	·	·	{
0.4	21.25	( 100	CHLORITE-SERICITE SCHIST + QTZ VEIN	( ,	<	ç	<	<	( (	<	` (		、 、
. ()	< ( ( ( (		<pre>( grey/greenish grey/maroonish green, ( very fine/fine grain, moderately/ ( weakly foliated, 20 cm white quartz ( vein at top with 5% pyrite + 1 1/2% ( chalcopyrite</pre>	<pre>&lt; 20.4/50-20 &lt; foliation &lt; 21.0/40 &lt; foliation &lt; </pre>	( ( ( (	( ( ( 10w (	< < < 18453 < <	< < < 0-85 <	0.17	< < < < < < < < < < < < < <			< < < < <
21.25 (	( (34.8 (	( ( 100) (	<pre>&lt; ANDESITE LAPILLI &amp; BRECCIA TUFF </pre>	( (22,1/30) (sbear	( ( (	( ( (	( ( (	<pre>(</pre>	( ( (	( (	( ( (		( ( (
- (		· ( ( ( (	( marcon, with marcon and green ( andesite fragments, minor calcite ( veinlets, 22.2-22.4 m fine grain, ( green section ( (	( 27.0/80 ( veinlet ( 30.1/40-20 ( ( veinlet ( 33.0/30 ( fracture	( nil ( ( (	( nil ( ( ( (	( ( ( ( (	( 13.55 ( ( (		( ( ( (			( ( ( ( ( (
34.8 (	38.8	( 100	ANDESITE TUFF BRECCIA	(	(	(	(	(		(	( (		(
	<	( ( ( ( (	( ( green with maroon lapilli and ( bombs, minor qtz-carbonate vein- ( lets, qtz-carbonate-pyrite veinlet ( at 36.9 and 38.4 m, gradational ( contacts	<pre>&lt; 36.9/25 &lt; veinlet &lt; 38.4/20 &lt; veinlet &lt; 38.4/20 </pre>	<pre>{     trace     (         trace     (         (         (         (</pre>	< ( nil ( ( (	< <li> </li> <li> </li> </td <td>&lt; ( 4.0 ( ( ) ( ) ( )</td> <td></td> <td>&lt; (</td> <td></td> <td></td> <td>( ( ( (</td>	< ( 4.0 ( ( ) ( ) ( )		< (			( ( ( (
<pre></pre>	( ( 42.06 ) (	( ( 100 (	( ANDESITE TUFF BRECCIA	( ( (39.7/90	( · · ·	( ( (	< < <	<		( ( (	<		( ( (
		( ( ( ,	( green and marcon, not as obviously ( ( fragmental as above two units, ( minor calcite & cream Carbonate ( veinlets	<pre>{ shear { 41.7/50 { veinlet { }</pre>	( nil ( ( (	( nil ( ( (	< < < <	(3.26) ( ( (		( ( ( (			( ( (
2.05	(		(E.O.H. (138 FT.)	( (	(	( (	< <	(		<			( (
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DATE: 25, 26 Sept. 1985

LOGGED BY: Del Myers, Jr.

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# D.D.H.: C85-31

DATE CO 19 Sept	LLARED:	DATE C 20 Sep	OMPLETED: t. 1985	CORE:	PROPE	RTY: Mt Gri	zzly Claim	. i n	PROJECT NO. T56	:		N.T.S. # 93L/10E	:	
			· ·		DIP T	ESTS								
FIELD	COORDI	NATES ELEV.: 1478.3 m	DIP: -45 deg.	і DEPTH I I	I BEARING I REC.()COR. I I ()	I ANGLI I REC. () ( I I ()	E Cor.	I SURVI I I LAT.	EYED COORD	INATES DIP		SHEET HOLE NO.	1 of 2 .: C85-3	1
DEP.: 9855 E		LENGTH: 31.70 m	BEARING: 347 deg.	. ( 1		     O		I DEP.	LENG	TH BEA	RING			
FRDM ( (m) (	ΤΟ (m)	( ( RECOVERY ( (%) (	C DESCRIPT	ION	<pre>{     Control Contro Control Control Control Control Control Control Control Cont</pre>	SULPH.	< EST. GRADE	( (SAMPLE (ND.	( (WIDTH ( (m) (	( ( AU ( (gmt)	A S ( AG ( (gmt) (	SAYS (CU ((x))	(PB ((%)	( ZN ( (%)
0.0	4.3	( 0	( NO RECOVERY		( (		(	(	( 4.3	· { (	(	{ {	(	` { {
4.3 (	7.1	< ( ( (	<pre>( ANDESITE LAPILLI TUF ( ( maroon, rusty fractr ( disseminated pyrite (</pre>	F ues, trace	( ( ( ( ( ( ( 6.0/30 ( ( rusty ( ( fracture (	trace	<pre>&lt;</pre>		( ( ( 2.8 (		( ( ( (	(	( ( ( (	( ( ( (
7.1	12.5	{ { { { { { { { { { { { { { { { { {}}}	<pre>{    ANDESITE    (    anroon, lapilii tuff    ( altered sections alo    ( and quartz veinlets,    veinlets and dissemi </pre>	, about 5-10% ng fractures 2% pyrite in nations	<pre>{     ( B.95/65</pre>	2%	<pre>(</pre>		<pre>{     (</pre>		( ( ( ( (			< < < < < <
	13.85	< < < < < < < <	<pre>(  ANDESITE   (   sheared and altered   ( lapilli tuff, some c   ( ial, about 3% pyrite   ( clay at end</pre>	(20%) marcon, rumbly mater- as above,	( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	3×	( ( ( ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	18351	( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	0.07	{ { { { { { { { { { { { { { { { { { {			( ( ( ( ( (
	13.85	(	( ( FAULT?		( 50 deg. WCA(				( (		( (			(
	17.7	v ( ( ( ( (	<pre></pre>	assive rock ets with alcopyrite) e-sericite oliated	<pre>(     (</pre>	5×	( ( ( (		( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (		\ { { { { { { { {			\ ( ( ( ( (
		< < < < <	<pre>{ 13.85-14 { 14.85-15 { 15.85-16 { 15.85-16 { 16.85-17 { } { } }</pre>	. 85 . 85 . 85 . 7				18352 18353 18354 18355	<pre>( 1.00 (     1.00 (     1.00 (     1.00 (     0.85 (     0.85 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65 (     0.65</pre>	0.38 0.62 0.34 0.48	(2.4 (2.1 (2.1 (2.7 (			
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D. D. H. ; C85 - 31

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#### PROPERTY: Dome Mt. - Grizzly Claim

#### HOLE NO.: C85-31

PAGE 2 of 2

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FROM (m)	( TO ( (m) (	( RECOVERY ( (%)	( DESCRIPTION (	m/deg. WCA	( ¥ ( SULPH.	< EST. GRADE <	(SAMPLE (NO. (	( WIDTH ) ( (m) ) (	( AU ( ( (gmt) ) (	( AG ( ((gmt) ( ( (	CU (%)	(PB) ((%) (	( ZN ( (%) ) (
17.7	(22.2 ( (	\ ( ( (	<pre></pre> SERICITE-CAREGNATE-QUARTZ ROCK  (     completely altered andesite?, very	17.8/80 2 cm qtz vein	( ( ( ( (	< { { {	( ( ( (	( ( ( ( ( (		( ( ( (		( ( ( (	< ( ( (
	( ( (	< ( (	<pre>( foliated rock, about 10% quarts- (     carbonate veinlets with pyrite)) (     galena ) sphalerite </pre>	sulfide bands in dtz vein.		<	<pre>(     (     (</pre>	( ( (		( ( (			( ( (
	( ( (	( (` (		20.5740-50 foliation 21.5770		< ( (	( ( (	( ( (		( ( ) ( ) ( )			< < <
	( ( (	< < <	( 17.7-18.7 ( ( 18.7-19.7 ( ( 19.7-20.7 ( ( 20.7-21.7 (			( ( (	<pre>( 18356 ( 18357 ( 18358 ( 18359 )</pre>	( 1.0 ( 1.0 ( 1.0 ( 1.0	(1.10 (3.43 (2.67 (1.95	( 4.5 ( ( 29.1 ( ( 17.5 ( ( 30.9 (		( ( (	( ( (
#	` (	< < <	( 21.7-22.2 (		( (	( (	< 18360 <	( 0.5	0.07	( 1.0 (		(	( (
25.5	(28.3 (	( (	(ANDESITE (	23.1/80 1 cm qtz-	( (	( (	(	(	(	( (		( (	( (
	< < < < <	< < < < < < < < < < < < < < < < < < <	<pre>( green, fine grained, massive to (    (moderately foliated, 3% qtz-cream (    ( carbonate veinlets w. pyrite, minor(    ( sericite-carbonate alteration (    ( except major alteration 22.7-22.9 (    (    (    )    )    )    ) </pre>	carb.vein. 26.3/25 sheared parting (28.0/30 foliation	< 2% ( ( ( (	<pre>&lt; nil &lt; &lt;</pre>							
28.3	、 (28.45 ( (	< { { {	C QUARTZ-CARBONATE VEIN ( ( white quartz, cream carbonate, i0% ( ( pyrite, trace palena + sphalerite (	28.3/60 contact 28.45/60 contact	( ( ( 10×	( ( ( low -	( ( ( 18368 (	( ( ( 0.15 (	(2.4	( ( 72.0 (		, ( (	((((
28.45	( (31.70 (	(	( ANDESITE (	28.95/90 otz-CO3	( ( (	( ( (	( ( (	( · · · · · · · · · · · · · · · · · · ·	( · · · · · · · · · · · · · · · · · · ·	( ) ( ) ( )		( ( (	( (
	( ( (	( ( (	(green, fine grain, weakly foliated, ( { 3-5% quartz + carbonate veinlets ( (w. pyrite, minor sericite-carbonate)	veinlet 29.65/60 foliation	(2%) ( (	(nil ( (	( { (	( ( (	(	( ( ( ) ( )			( ( (
	( (	、 ( (	( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	foliation	、 ( (	、 ( (	、 ( (	(	(	(		( (	(
31.70	( ( (	( ( (	(E.D.H. (104 FT.) (		( (	( ( (	< < <	( (	( (	( ) ( )		( ( (	( · · · · · · · · · · · · · · · · · · ·
	< Contract of the second secon	(	· (		(	(	(	< #	Jelent &	m	2	(	(

DATE: 21 Sept. 1985

LOGGED BY: Del Myers, Jr.

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# D.D.H.: C85-32

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DATE CO 20 Sept	OLLARED: t. 1985	DATE C 21 Sep	DMPLETED: CORE: t. 1985 NQ	PROPE Dome	RTY: Mt Port	cupine Cl	aim	PROJECT NO TS6	. :		N.T.S. # 93L/10E	:	
				DIP T	ESTS		,						
FIEL	D COORDI	NATES	I DEPTH	BEARING	I ANGLI	E COR.	I SURV	EYED COORD	INATES		SHEET	1 of 2	
LAT.: 10953 M	N	ELEV.: 1480.4 m	DIP: H -44 deg. H		1 1 °0		I LAT.	ELEV	. DIF	•	HOLE NO	.: C85~	32
DEP.: 9798.5	E	LENGTH: 34.44	BEARING: I 345 deg. I				DEP.	LENG	TH BEA	RING			
FROM (m)	(· TO (· TO ( (m) (	<pre></pre>	C DESCRIPTION	<pre>{</pre>		<pre>&lt;    SAMPLE    NO,    &lt; </pre>	( ( WIDTH ( (m) (	( AU ( AU ( (gmt) (	A S ( AG ( (gmt) (	SAYS (CU ((x)	( PB ( (%)	< ZN ( ( X) ( ( X) ( ( (	
0.0	( ( 11.6	< 0 (	<pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre>	(		( (	( ( (	( 11.6	( ( (	(	( ( (	( ( (	( ( ( (
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	< < < < < < < < <	( ( ( ( (	<pre>( greenish grey/grey, very fine/fine ( grain rock with 10% guartz-carbo- ( nate veinlets, moderately foliated, ( 3% pyrite as above, trace chalco- ( pyrite, sphalerite?, galena? ( 17.6-18.6 ) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000</pre>	<pre>( 18.2/60 ( ( foliation (</pre>	3*	( 10W - ( (	( ( ( ( ( 18365	( 2.35 ( ( ( ( ( ( 	( ( ( ( ( 0.14	( ( ( ( ( 2.4		( ( ( ( ( (	
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Delut Ch

PROPERTY: Dome Mt. - Porcupine Claim

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HOLE NO. : C85-32

PAGE 2 of 2

D.D.H.:

C85-32

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 19.95	<pre>(</pre>	<pre></pre>	( ANDESITE LAPILLI TUFF ( greenish grey, fine grain, weakly (foliated rock, common quartz & (carbonate veinlets, 1 1/2% dissem. (& veinlet pyrite, lapilli are (dacitic & andesitic in composition ( 19.95-20.95 m	( ( 20.1/30 ( ( qtz-CD3 ( ( veinlet ( ( 21.7/20 ( ( qtz-CD3 ( ( veinlet ( ( 23.0/10 ( ( veinlet ( ( veinlet ( ( veinlet ( ( veinlet ())))))))))))))))))))))))))))))))))))	( ( ( ( ( ( ( ( ( (	( ( ( ( ( ( ( ( ( (	<pre></pre> <pre> <pre></pre> <pre></pre> <pre></pre> <pre> <pre< td=""><td><pre>( ( ( ( 3.15 ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (</pre></td><td><pre></pre></td><td>( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (</td><td><pre></pre></td><td><pre></pre></td><td></td></pre<></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>	<pre>( ( ( ( 3.15 ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (</pre>	<pre></pre>	( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	<pre></pre>	<pre></pre>	
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34.44	<pre>&lt;</pre>		(E.D.H. (113 FT.)				< < < < < < < < < < < < < < < < < < <						
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DATE: 25 Sept. 1985

LOGGED BY: Del Myers, Jr.

# D. D. H. : C85-33

DATE COLLARED: DATE COMPLETED: 21 Sept: 1985 21 Sept. 1985			CORE: NQ		PRDP Dome	ERT Mt	Y: Grizzly Cl	aim	PR	DJECT ND.: T56		N.T.S. #: 93L/10E	
					DIP	TES	TS						
FIELD COORD	INATES	· .	L DEPTI	н I I	BEARING REC. () COR.	1	ANGLE REC. () COR.	1	SURVEY	ED COORDINATE	S	SHEET 1 of 2	
LAT.:	ELEV.:	DIP:	1	1		1		ł	LAT.	ELEV.	DIP	HOLE ND.: C85-33	<b>;</b> .
10896.5 N	1474.1 m	-45 deg.	1	1	0	l t	$\diamond$	1					
DEP.:	LENGTH:	BEARING:	1	i i		1		i	DEP.	LENGTH	BEARING		
9906.5 E	23.77 m	347 deg.	1	I	0	ſ	()	1 1					

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0.0	(4.0)		( NO RECOVERY				( (	4.0	 { ;	< < ,	< <	[ [	( (	< <
4.0	(4.9 (	100	ALTERED ANDESITE				(			( /	(		l	(
			( medium grain, maroon/brown/light ( brown, common carbonate veinlets ( with rusty stains, minor pyrite in ( fractures and veinlets near bottom (	(4.4/60 ( carbonate ( veinlet (	1/4%	nil	( 18369 ( ( (	( 0.9	0.07	( 0.7 ( ( (	<pre></pre>		( ( ( (	< < < < < < <
4.9		100	(ANDESITE ( ( medium grain, maroon grading to ( fine/med. grain, green at bottom, ( minor carbonate-gtz veinlets with (	5.0/80 ( fracture ( 8.0/80 ( carb.vein.( 8.6/30 (	nil	nil		(7,0) (		< (				( ( ( ( ( (
			( green andesite margins (reduced), ( ( massive to weakly foliated at ( ( bottom, negligible sulfides ( ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	fracture ( 10.0/50 ( carb.vein.(					0.27	( ( ( ( ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )				( ( ( (
			( 10.9-11.9 m	( 1.10 m (			( 18376 (	(	10.27	( 0.7			. • ( •	( (
11.9		100	<pre>( SERICITE &amp; CARBONATE SCHIST ( ( very fine grain, light grey schist ( with 15% qtz &amp; carbonate &amp; sulfide ( ( veinlets, moderately foliated,, ( about 2% pyrite, 1/2% galena, 1/4% ( ( sphalerite overall as dissemina- ( tions, blebs, and veinlets ( especially in quartz veins from ( ( 12.2-12.4 m and ( ( 13.2-13.35 m))))))))))))))))))))))))))))))))))))</pre>	( 11.9/30 ( contact ( 12.2/60 ( 13.25/60 ( contact QV( contact QV( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	3×	med (								( ( ( ( ( ( ( ( ( ( ( (
(			( 11.9-12.9 ( ( 12.9-13.45 (	. 1.0 m ( 0.55 m (			( 18371 ( ( 18372 (	(	2.40	( 28.5 ( 23.0	( ( ( )	( (		( (
13.45	( 14.25 ( ( 14.25 (	100	CHLORITE-SERICITE SCHIST									( ; ( (		( ( (
-			(greenish grey/grey, very fine/fine ( (grain, foliated rock, 2% dissem. ( (veinlet, and bleb pyrite especially) (in 10% quartz carbonate veinlets, ( (trace chalcopyrite. galena	13.5/70 ( foliation ( 14.0/50 ( veinlet (	2%	10w ( ( (			0.27					( ( (

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# D. D. H. : C85-33

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#### PROPERTY: Dome Mt. - Grizzly Claim

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#### HOLE NO. : C85-33

#### PAGE 2 of 2

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14.25	<pre>(     18.0     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (     (</pre>	( 100 ( 100 ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	<pre></pre> <	( ( 14.25/60 ( parting ( 15.0/10 ( veinlet ( 17.0/70 ( veinlet ( 17.8/05 ( minor	<pre></pre>	<pre> (</pre>		( ( ( ( ( ( ( ( (		( ( ( ( ( ( ( (				
18.0	( 23.77 ( ( ( ( ( ( (	( 100 ( ( ( (	<pre>     ANDESITE TUFF     Green/maroon, medium/fine grain,     ( green/maroon, medium/fine grain,     ( massive, minor qtz-carbonate vein-</pre>	( 18.6/60 ( carbonate ( veinlet ( 20.4/40 ( carbonate ( veinlet ( 23.0/40 ( foliation	( ( ( ( ( ( (	( ( ( ( ( (		<pre></pre>						~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
23. 77			( ( E.D.H. (78 FT.) ( ( ( ( ( ( ( ( ( ( ( ( (											くくくくくくくくくくくくく
									Jeles	t E 2	_			

DATE: 25 Sept. 1985

LOGGED BY: Del Myers, Jr.



LOCATION MAP BERT 2 BERT I . REPEATER 2 SURVEYED AREA LUKI Eagle DOME A Gem REPEATER 1 C.S. 549 15'N. -Reve **A**, '9 Boo Fr Dome i 8.00 Fedral DOME B Sreek BABS 3 800 8.00 12,18014 BABS 5 BETTY I ر ک Kik SCALE 1: 50,000 GEOLOGICAL BRANCH ASSESSMENT REPORT 1604 LEGEND Trench Survey tie - point Rock sample • 1 , Q.V. Quartz vein D.D.H. TABLE OF ASSAYS 
 SAMPLE
 TYPE
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 % 0 5 15 20 met res SCALE 1: 250 Selent En REVISED DOME MOUNTAIN DETAILED PLAN OF HAWK TRENCHES SHOWING D.D.H. HW85-27, 28 HAWK CLAIM, NORTH GRID PROJ. No. T 56 SURVEY BY: DEMJE, ISC. DATE: NOV. 1985 N.T.S. 93 L/15 E. DWG. No. NORANDA EXPLORATION FIG. 3 OFFICE: PRINCE GEORGE, B.C.





DOME D. D. H. HP85-30 ROCK 10,933 N.; 9,047 E. 1595 m. (estimated) QV Sı -47° at 35°. 1201 011 Schlet OV. J2WH sol. N2D at * mt av" • 4,. V2DL DBK M C0 3 def DL N2DBt, of TABLE OF ASSAYS Ep SAMPLE FROM-TO N² metres WIDTH gmt. gmt. Ag % Cu % % Pb Zn F , m 12084.01 hund 18464 7.3 - 8.3 1.0 m. < 0.07 < 0.7 18465 83-9.3 1.0m. 0.07 0.7 18466 11.3-12.3 1.0 m. 0.10 4.1 14.3-15.1 0.8m. 0.07 0.7 18 460 42.06m. 18461 15,1-15.95 0.85m 0.07 1.4 15.95-16.35 0.4 m. 1.30 22.3 18462 18463 20.4-21.25 0.85m. 0.17 2.1 1550 m. PROJ. N.T.S DW( 925 F

	MT.	1985	D.D.H. L	EGEND
	TYPE	S		
]	CLAYS	TONE	Vz	ANDESITE
]	SILTSI	TONE	Va	DACITE
j	SAND	STONE	V4	RHYOLITE
j	LIMES	TONE		
]	QUA R1	Z VEIN	•	
ł	aitered		frag	Fragments
	b ed ded	n. L	gr	green
	breccio	1	mod	moderately
	calcite	, limy	O.8.	overburden
	chiorite	•	a a a	quartz
	carbon	ate	<b>rs</b>	red spotted
	chrome	mica	56F	sericite
	tuff		\$	suifides
	deform	ed	1	slash means "to" e.g. V3 / V4 = dacite to rhyolite
	anidata		tr	trace
	d auto		wk	weakly
	TOUIT		wth	weathered
	ground	or missing	mr	maroon
	COLE		amyg	amygdatoidal

	0 5 10 15 metres
	SCALE 1:250 All Man
EVISED	DOME MOUNTAIN
	D.D.H. HP85-30
	VERTICAL SECTION AT 215° LOOKING N.
	HOOPS VEIN AREA, MAIN GRID
J.No. <u>T 56</u>	SURVEY BY: DEMJT DATE: NOV. 1985
5. 93L/IOE	DRAWN BY: S.K.B SCALE: 250
G. No.	NORANDA EXPLORATION
1G. 6	OFFICE: <u>PRINCE GEORGE, B.C</u> .
	P.J.A







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15	мт	1985	ו אחח	FGEND	
		1300	0.0.11.		
CK	TYPE	5			
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Sz	SILTST	DNE	V3	DACITE	
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av [	QUART	ZVEIN	Fol	foliated	
a it	altered		frag	Frogments	
hert	bedded		ar		
2 2	braccia		mod	moderotely	
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C.N.I	chiorite		0	overtz	1
0.0 x	carbona			red spotted	
	chrome	mica	5.87	sericite	
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