

85-660  
13827

ASSESSMENT REPORT

DIAMOND DRILLING  
on the  
DOME MOUNTAIN PROPERTY

No. 2 to 4 Claims of the Dome North and Forks Groups

N.T.S. 93 L/ 10E

Omineca Mining Division  
British Columbia

Latitude 54 deg. 44.5' N  
Longitude 126 deg. 37.0' W

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

Submitted: October 1985

Claims owned by: Noranda Exploration Company, Limited  
(No Personal Liability)  
P.O. Box 2380  
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Operated by: Noranda Exploration Co., Ltd. (NPL)  
3A-1750 Quinn Street  
Prince George, B.C. V2N 1X3

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**13,827**

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### SUMMARY

Ten BQ diamond drill holes totalling 455.68m were drilled in June to July 1985 at the Forks of Federal Creek on Dome Mountain. Two high grade intersections were made in the Flat Vein structure as follows:

DDH F85 - 2	6.71 - 14.3m	7.59m	10.42 ppm Au
			53.38 ppm Ag
DDH F85 - 9	31.0 - 36.3m	5.3m	30.38 ppm Au
			50.97 ppm Ag

These precious metal values were accompanied by interesting values in Zn, Pb, and Cu.

Mineralization is hosted in quartz - carbonate veins in carbonate - sericite altered rocks. Sulfide minerals seen include pyrite, sphalerite, galena, and chalcopyrite. No visible gold or silver was seen.

The Flat Vein structure occurs between an upper clastic sediment - felsic volcanoclastic unit and a lower andesite tuff and flow unit. The vein maybe downdropped 5m to the SE by a later fault as suggested by some drill sections.

Mineralization and alteration were intersected by all eight holes, which reached bedrock, in the Flat Vein structure. Additional drilling as done in August but is the subject of a later report.

## INTRODUCTION

### PURPOSE

The purpose of this work was to test the economic potential of mineralization exposed at surface and in underground workings at the Forks on Federal (Fedral) Creek 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).

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



0 100 200 KILOMETRES  
SCALE 1:8,000,000

REVISED	DOME MOUNTAIN	
	Location Map	
PROJ. No. T56	SURVEY BY: _____	DATE: Oct. 1985
N.T.S. 93L/108	DRAWN BY: S.K.B.	SCALE: 1:8,000,000
DWG. No. Fig. 1	<b>NORANDA EXPLORATION</b>	
	OFFICE: PRINCE GEORGE, B.C.	

VANCAL 11927

*Delbert E. ...*

Table 1. Dome North Claim Group, Dome Mountain

<u>Name</u>	<u>Record No.</u>	<u>Type of Claim</u>	<u>Units</u>	<u>Record Date</u>
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	"
Whistler	1542	2P	1	"
Whistler Fr.	1543	2P	1	"
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	"
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

<u>Name</u>	<u>Record No.</u>	<u>Type of Claim</u>	<u>Units</u>	<u>Record Date</u>
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	"
Trail Fr.	1547	2P	1	"
Tom Fr.	1548	2P	1	"
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

-----  
93 units



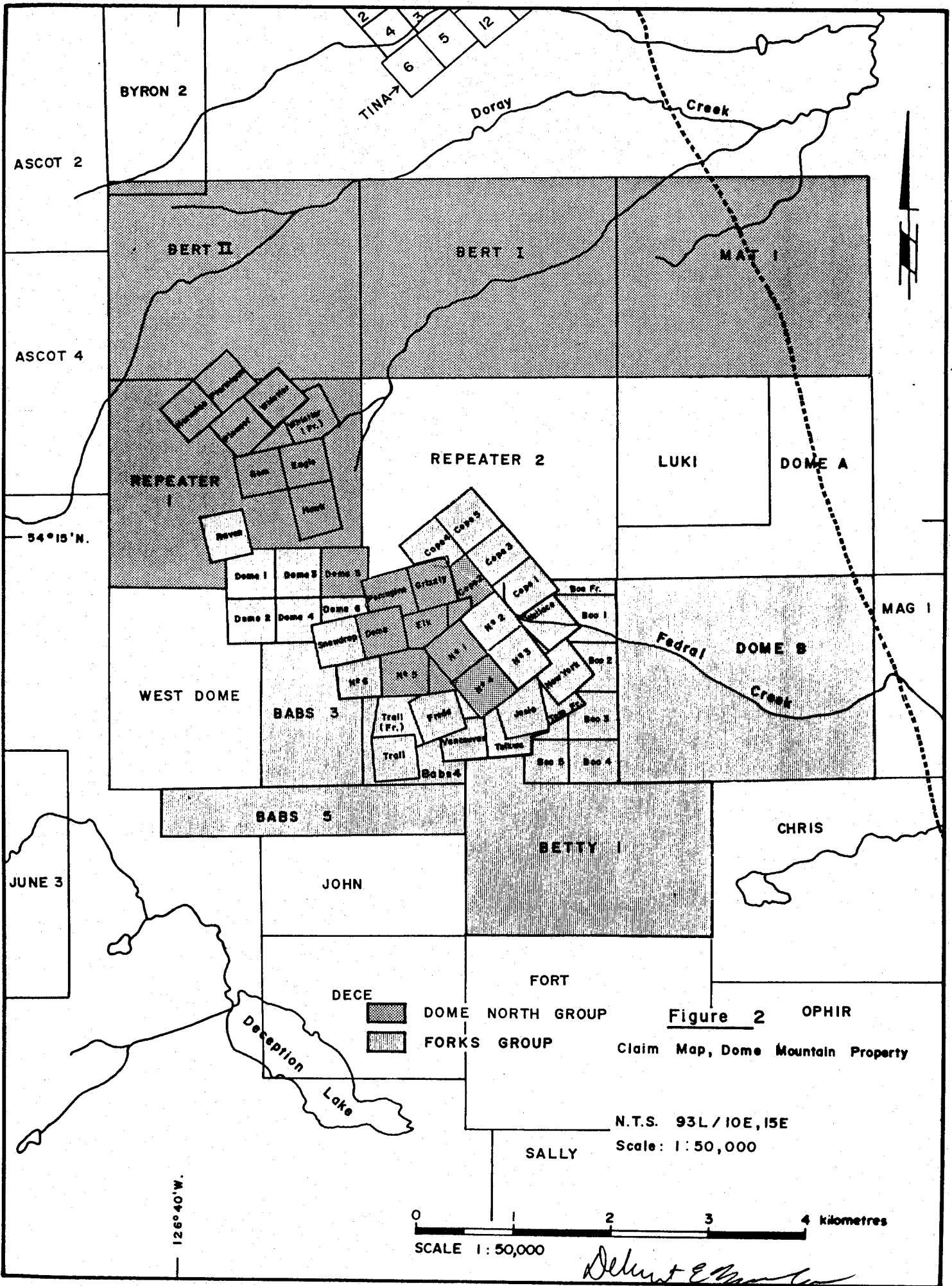


Figure 2 OPHIR

Claim Map, Dome Mountain Property

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

Scale: 1:50,000



SCALE 1:50,000

*Delbert E. ...*

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).

#### 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

A program of 1500 feet (457.2m) of BQ diamond drilling was planned for the Forks Showing on Dome Mountain. A grid of cut lines had been established in 1984 (Myers, 1984b) and was used to locate these drill holes.

Two targets were to be tested by the drilling. A flat lying, mineralized quartz vein which had first been exposed in Federal Creek was the first target. An underground drift was driven on the vein some 75 feet (23m) lower during 1923 and 1924 (Figure 3). The second target was a mineralized quartz vein found at the end of the No. 4 Tunnel and nearby altered volcanics exposed by the South Fork of Federal Creek.

Diamond drilling was done by Core Enterprises of Clinton, B.C. using a Boyles BBS 1 drill. The drill was moved using a Bombardier Muskeg Carrier belonging to Noranda Exploration. Some drill setups were made and some of the moves were done using a John Deere 540D skidder with backhoe attachment operated by J. Hidber of Telkwa, B.C.

The core was logged by the author and by Ian Cooper at a temporary core shack at the Forks of Federal Creek. The core was sampled by splitting or cutting on a diamond saw which was done at the same location. All the core is stored at this site on the No. 2 Claim at coordinates 10020N, 10030E. All work was done under the authors supervision (Appendix 3).

The samples were shipped to the Noranda Geochemical Laboratory in Vancouver. They were then delivered to Bondar-Clegg in Vancouver for assay for Au, Ag, Pb, Zn, and sometimes Cu by standard assay techniques. All assays are shown on the drill logs (Appendix 4).

The maps included with this report show some DDH drilled after the initial program. This report, however, covers only the first stage of drilling at the Forks, DDH F85 - 1 to 10.

## RESULTS

A total of 1495 feet (455.68m) of BQ diamond drilling was done in ten holes on the Forks Showings. The details of these holes are summarized in Table 3 and in the drill logs which are included as Appendix 4. Seventy-one samples of core were split and assayed. The holes are plotted on plan (Figure 3) and on sections (Figures 4 to 10).

Field work began on 7 June to prepare the camp for the drillers and support crew and the drill sites. Drilling began on 12 June 1985. Holes F85 - 1 to 3 were drilled to test the Flat Vein near surface, that is, between surface and the mine drift, X.C. SE. These holes all intersected the Flat Vein which was mineralized as follows:

DDH F85 - 1	15.5 - 17.47m	1.97m	10.00 ppm Au 69.01 ppm Ag
DDH F85 - 2	6.71- 8.9m	2.19m	15.66 ppm Au 83.79 ppm Ag
	12.43- 14.3m	1.87m	23.95 ppm Au 118.54 ppm Ag
DDH F85 - 3	14.6 - 16.81	2.21m	1.96 ppm Au 8.17 ppm Ag

Please note that grams per metric tonne (gmt) and parts per million (ppm) are equal and are used interchangeably throughout this report.

The mineralization consists of white, compact, massive to vaguely banded quartz with cream colored carbonate grains and patches, mineralized with visible disseminations, blebs, veinlets, and layers of pyrite, sphalerite, and galena, with traces of chalcopyrite.

The mineralization is surrounded by an alteration zone consisting of carbonate (not calcite), gray sericite, and a bright green mica (fuchsite?). Above this alteration is an upper unit composed of black shales and siltstones interbedded with light gray to tan colored, dacitic to rhyolitic tuffs and lapilli tuffs. Underlying the alteration is a lower unit composed on holes 1 to 3 of maroon colored andesite tuff and lapilli tuff with common red, hematitic spots to 5mm in diameter. This is epidotized in sections but is not mineralized with Au and Ag.

The mineralization was visibly weaker in hole 3, while

Table 3. Summary of Diamond Drill Hole Locations

Hole #	Length (m)	Latitude (m N)	Departure (m E)	Elev. (m)	Azimuth (deg.)	Incl. (deg.)
F85- 1	34.75	10016.5	10032	1326.1	219	-57.5
F85- 2	44.5	9997	10031	1323.7	"	-61
F85- 3	25.6	9981	10039	1329.5	"	-60
F85- 4	22.25	9942	9999.4	1346.7	321	-50
F85- 5	75.29	9964.5	10082	1336.5	219	-60
F85- 6	90.53	9944	9980	1347.3	321	-50
F85- 7	4.27	9943.5	"	"	"	-80
F85- 8	47.85	10012	10068.5	1318.4	219	-60
F85- 9	44.81	"	10069	1318.4	-	-90
F85-10	65.84	9943	9980.5	1347.3	321	-80
	----- 455.68	(1495')				

hole F85 - 2 contained two mineralized quartz veins separated by weakly mineralized upper unit sediments and tuffs, with little alteration.

Base metal values from individual samples in the mineralized intersections listed above ranged as follows:

Cu	Pb	Zn
not analysed	0.03 - 3.00%	0.23 - 10.6%

Hole F85 - 4 was drilled to test the No. 4 Tunnel Vein (see Figure 3). It was abandoned in overburden at 22.25m because of thick overburden (Figure 7).

DDH F85 - 5 was drilled to test the Flat Vein grid south of hole 3 and grid east of the abandoned hole 4. It intersected minor quartz veining and alteration (the Flat Vein) at the contact between the upper and lower units. The best mineralization was 0.5m of 5.01 ppm Au and 47.30 ppm Ag plus minor Cu, Pb, and Zn.

Hole F85 - 6 tested the No. 4 Tunnel Vein 20m to the grid west of the abandoned hole 4. It intersected minor mineralization in the upper siltstone - dacite unit at the contact with the underlying andesite unit (0.52m at 4.97 ppm Au and 12.70 ppm Ag). Hole 6 intersected very little of the alteration seen in the South Fork of Federal Creek. Mineralization was also seen in ground core at the base of the overburden. To test this mineralization and to obtain a better structural picture, a second steeper hole was attempted from the same setup.

DDH F85 - 7 was abandoned by the contractor at 4.27m in overburden, after part of the drill string was lost in the hole. Because of lack of spare equipment, the drill was moved downhill to a setup beside Federal Creek where less overburden was anticipated.

DDH F85 - 8 and 9 were drilled on a section parallel with but 7m NE of DDH F85 - 2. Hole 8 intersected the Flat Vein about 37m downdip from the hole 2 intersection. Weak sphalerite mineralization was found in a deformed, siltstone - dacite unit about 10m above the Flat Vein. It averaged 0.35% Zn over 4.4m but with little Au or Ag (<0.24 ppm and <0.41 ppm, respectively). The Flat Vein was 1.0m thick and contained:

F85 - 8	31.97 - 32.97m	1.0m	24.99 ppm Au
			61.70 ppm Ag

with minor Cu and Pb and with 4.0% Zn. It is underlain by 0.27m of alteration and then red spotted, andesite tuff to the end of the hole.

DDH F85 - 9 was collared vertically from the same setup. It intersected the Flat Vein a further 18m down dip. Two additional quartz veins were intersected 3 and 6m above the Flat Vein. A considerable thickness of alteration was intersected as well. The quartz veins assayed as follows:

F85 - 9	27.9 - 28.8m	0.9m	0.34 ppm Au 7.20 ppm Ag
	31.0 - 31.9m	0.9m	29.14 ppm Au 90.00 ppm Ag
	34.7 - 36.3m	1.6m	70.95 ppm Au 118.2 ppm Ag 0.37% Cu 1.58% Pb 5.42% Zn

Negligible Au - Ag values were assayed in the rocks between these veins. The Flat Vein has an apparent dip of 24 degrees between holes 8 and 9.

The drill was moved back to the hole 6 and 7 setup and DDH F85 - 10 was drilled below hole F85 - 6 (see Figure 9). Hole 10 intersected a low grade zone of altered siltstone and dacite with mineralized quartz veinlets at the andesite contact. The zone averaged 3.17 ppm Au, 22.72 ppm Ag, 0.05% Cu, 0.15% Pb, and 1.79% Zn over 2.2m. The apparent dip of mineralization on this section is about 13 degrees to grid south. Host rock contacts dip apparently steeper to grid south at 37 degrees.

Drilling stopped at this point on 5 July and the drill left the property on 6 July. The camp was temporarily closed on 7 July.

The excellent mineralization found in holes 2 and 9 may persist down dip and along strike from hole 9.

In all these holes mineralization was found at the contact between an upper clastic sediment - felsic tuff unit and a lower andesitic unit. The Flat Vein structure appears to be epigenetic in origin although its position at this volcanic - sediment interface suggests that epigenetic genesis might be a alternate explanation for the mineralization.

From some of the drill hole sections (notably Figures 5, 6, and 10), it appears that the grid east portions of the Flat Vein, might be downdropped by a fault cutting the sections a small angle. This structure may be better defined by future drilling.

## CONCLUSIONS

Significant mineralization has been found by diamond drilling at the Forks on Dome Mountain. Mineralized quartz veins in carbonate - sericite - fuchsite(?) altered wall rocks occur along a planar zone referred to as the Flat Vein.

The best mineralization encountered when averaged together with low grade wall rock occurring between the veins averages as follows:

DDH F85 - 2	6.71 - 14.3m	7.59m	10.42 ppm Au
			53.38 ppm Ag
DDH F85 - 9	31.0 - 36.3m	5.3m	30.38 ppm Au
			50.97 ppm Ag

Values in Zn, Pb, and Cu also occur with the Au - Ag mineralization.

Hole F85 - 9 is the deepest intersection of the Flat Vein, therefore this mineralization is open along strike and down dip.

All eight holes which reached bedrock encountered mineralization and alteration at the Flat Vein structure.

The structure occurs along a contact between an upper, shale, siltstone, felsic pyroclastic unit and a lower, andesite tuff and flow unit. Although the mineralization is believed to be of epigenetic origin, the control of the Flat Vein structure might possibly reflect a syngentic origin of some or all of the mineralization.

A later fault may cut the Flat Vein and account for downdropping of the Vein to the southeast. Apparent movement is about 5m.



### RECOMMENDATIONS

Further diamond drilling of the Flat Vein structure is strongly recommended. This drilling should test for additional high grade mineralization near that intersected by DDH F85 - 2 and 9 and test the extent of mineralization and alteration along the Flat Vein structure. A larger diamond drill should be used to facilitate the penetration of overburden which in some places exceeds 20 meters thickness.

A second diamond drill program was in fact undertaken in August 1985. It will be the subject of a later report.

## REFERENCES

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## APPENDIX 1

### Summary of Personnel - Dome Mountain Drilling

Name, Address	Position	Field Work
Daryl Adzick c/o 3A-1750 Quinn St. Prince George, B.C. V2N 1X3	Field Assistant	9-13 June 1985
Norm Bashor c/o 3A-1750 Quinn St. Prince George, B.C. V2N 1X3	Field Assistant	8-12 June 1985
Ian Cooper 3A-1750 Quinn Street Prince George, B.C. V2N 1X3	Geologist	7-26 June 1- 7 July 1985
Del Myers 3A-1750 Quinn Street Prince George, B.C. V2N 1X3	Project Geologist	7-26, 28-30 June 1- 7 July 1985
Eileen Myers 3A-1750 Quinn Street Prince George, B.C. V2N 1X3	Cook	9-25, 28-30 June 1- 7 July 1985

APPENDIX 2

Statement of Costs

Wages:

No. of Days	94 man-days
Rate per Day	\$130.5319
Dates	7 June - 7 July 1985
Total Wages	\$12,270.00

Food and Accommodation:

No. of Days	167 man-days (includes contractor's crew)
Rate per Day	\$23.3293
Dates	7 June - 7 July 1985
Total Cost	\$ 3,896.00

Transportation: Trucks, Muskeg Carrier

No. of Days	72 vehicle-days
Rate per Day	\$40.7639
Dates	7 June - 7 July 1985
Total Cost	\$ 2,935.00

Analyses

Number of Samples	71 rocks
Cost per sample	\$3.75 crushing + \$11.50 Au, Ag assay + \$12.50 Pb, Zn assay
Elements Analysed	Au, Ag, some Cu, all for Pb, Zn
Total Cost	\$ 1,970.25

Cost of Report Preparation

Author	\$ 720.00
Drafting	\$ 360.00
Typing	
Total Cost	\$ 1,080.00

Drill Contractor	\$18,172.00
------------------	-------------

Total Cost \$40,323.25

APPENDIX 3

STATEMENT OF QUALIFICATIONS

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

1. 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 10th day of October, 1985.

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

APPENDIX 4

Diamond Drill Hole Logs

DDH F85 - 1 to 10

**NORANDA EXPLORATION COMPANY LTD.**

Date Colored 12 June 1985		Date Completed 13 June 1985		Core Size BQ	DIP TESTS				PROPERTY DOME MOUNTAIN - No.2 C1.	PROJECT No. T56	N.T.S. No. 93L/10E		
FIELD CO-ORDINATES				DEPTH	BEARING		ANGLE		SURVEYED CO-ORDINATES				
Lat.	Elev.	Dip	RECORDED		CORRECTED	RECORDED	CORRECTED	Lat.	Elev.	Dip	Sheet 1 of 2		
10016.5 N	1326.1 m	-57.5°									HOLE No.		
Dep. 10032 E	Length 34.75 m	Bearing 219°						Dep.	Length	Bearing	F85-1		
From (m)	To (m)	Recovery	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width (m)	ASSAYS				
									Au (gmt)	Ag (gmt)	Cu%	Pb%	Zn%
0.00	4.0		No recovery.										
4.0	5.2		Siltstone, dk grey, w/some volcanic ash, somewhat broken + weathered, limey in sections										
5.2	6.6		Dacite, lapilli tuff, grey, minor siltstone interbeds, bedding plane foliation @ 60° WCA; minor rusty fractures and partings; 1% disseminated py		1								
6.6	12.9		Siltstone/f.g. SST, w/minor dacitic tuff interbeds, dk grey, foliation/bedding @ 60° WCA, common limey sections, common calcite veinlets, minor barren, white quartz veinlets w/trace py in siltstone, 1-2% f.g., disseminated py		1-2								
12.9	15.5		Dacite lapilli/ash tuff, grey; foliation/bedding @ 70° WCA, contorted foliation and more foliated near bottom 2-3% py SAMPLE: 14.5 - 15.5 m		2-3	low	14894	1.0 m	0.07 0.07 0.07	5.1 3.1 2.1	<0.01		0.07
15.5	16.65		Quartz vein, white, w/irregular partings of chlor + seric + sulphides; sulphides approx. 10% (py=4, sp=4, gn=2%) SAMPLE: 15.5-16.65 m		10	high	14895	1.15	16.46 15.60 16.77	110.7 103.2 105.6		0.97	5.60
16.65	17.47		Altered volcanics w/major mineralized quartz veinlets, grey to greenish seric + green mica, no calcite, white /lt grey quartz w py (=3%) + sp (2%) + gn? (1%) foliation angles somewhat irregular, about 60-70° WCA										

DRILL LOG - 81

*Del Mar*

Date 13 June 1985 Logged By DEM Jr.

## NORANDA EXPLORATION COMPANY LTD.

Date Collared		Date Completed		Core Size		DIP TESTS				PROPERTY		PROJECT No.		N.T.S. No.		
FIELD CO-ORDINATES						DEPTH	BEARING		ANGLE		SURVEYED CO-ORDINATES					
Lat.		Elev.		Dip			RECORDED	CORRECTED	RECORDED	CORRECTED	Lat.		Elev.		Dip	
Dep.		Length		Bearing						Dep.		Length		Bearing		
From (m)	To (m)	Recovery	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width (m)	ASSAYS							
									Au (gmt)	Ag (gmt)	Cu%	Pb%	Zn%			
			more quartz and sulphides at base SAMPLE: 16.65 - 17.47 m		6	med	14896	0.82	1.30	19.2		0.03	0.96			
17.47	19.15		Altered volcanics similar to above at start except w/maroon (hematitic) fragments to 5 mm, grading into less bleached, more hematitic unit at end, no calcite, soft rock, minor quartz veinlets, common green mica, foliation 30-70°, becoming weak toward end, minor py veinlets + rusty weathered fractures, 1-2% dissem. + veinlet py SAMPLE: 17.47-18.47 m		1-2	low			1.10	14.7						
19.15	24.0		Andesite, maroon, common green spots (soft, waxy lusted mineral), common dk red haematitic spots to 5 mm; unit appears somewhat weathered and has rusty fractures + numerous vugs, no carbonate, driller indicated mud seam @ approx. 21.8 m.				14897	1.0	0.07	1.7		<0.01	<0.01			
24.0	34.75		Andesite, maroon w. minor greenish-grey sections, massive to brecciated (flow BX?), common red hematitic spots to 6 mm, common to abundant white calcite as BX and vesicle-fillings, also w. pale greenish carb. green micaceous spots to 3-4 mm - greenish section 29.5 - 30.1 m, weakly foliated @ 80° WCA - trace py in this section						<0.07	2.1						
34.75			E.O.H. (114')						<0.07	1.0						

DRILL LOG - 81

*dm*

Date 13 June 1985 Logged By DEM Jr.



**NORANDA EXPLORATION COMPANY LTD.**

Date Collared 14 June 1985		Date Completed 15 June 1985		Core Size BQ		DIP TESTS				PROPERTY DOME MOUNTAIN - No. 3 Claim		PROJECT No. T56		N.T.S. No. 93L/10E	
FIELD CO-ORDINATES				DEPTH	BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 1 of 3		
Lat. 9997 N		Elev. 1323.7 m			Dip -61°		RECORDED	CORRECTED	RECORDED	CORRECTED	Lat.		Elev.		Dip
Dep. 10 031 E		Length 44.5 m		Bearing 219°						Dep.		Length		Bearing	
From (m)	To (m)	Recovery	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width	ASSAYS						
									Au	Ag	Cu%	Pb%	Zn%		
0.0	5.2		No recovery -- muck, overburden						(gmt)	(gmt)					
5.2	6.71		Dacite tuff/volcanic SST, grey, f.g.-m.g. except for minor small lapilli; weakly foliated/layered @ 60° WCA; more irregular toward end, minor py (approx. 1% dissem'd); minor qtz veinlets, common silty partings. sample 5.71 - 6.71		1		17205	1.0	0.07	2.7					
6.71	7.60		SST/Siltstone w/major qtz veinlets w/common py (6%), sp (1%), trace gn -- sulphides occur as irregular patches and bands @ 80° WCA; white qtz, common v. lt grey carb. (ankerite?) SAMPLE: 6.71 - 7.60 m		7	med	14898	0.89	8.74	41.1			0.24	1.23	
7.60	8.90		Quartz vein, white, w/major grey silty patches, fragments, and partings, common py (5%), sp (2%), gn (1%) as patches and bands are common. Also grey quartz cut by white qtz veinlets, sulphide bands @ 75-85° WCA. 7.60 m - shaley parting @ 60° WCA SAMPLE: 7.60 - 8.90 m		8	high	14899	1.30	19.95	116.6			1.54	1.70	
8.90	10.80		Siltstone w/dacitic component, grey to dk grey, foliated/bedded @ 80° WCA; common qtz + grey carb. veinlets; trace py (1%), sp (1%), as blebs and irregular veinlets, more mineralized at start + more qtz + carb veining. SAMPLE: 8.90 - 9.90		1 1/2	low			20.23	116.2					
			9.90 - 10.8 m				14900	1.0	0.17	16.5			0.11	0.25	
							15807	0.9	0.27	17.5			0.34	17.5	
									0.62	10.9	0.07	0.01	0.62		

DRILL LOG - 81

*Don Bell*

Date 2 July 1985 Logged By Ian Cooper

## NORANDA EXPLORATION COMPANY LTD.

Date Colored		Date Completed		Core Size		DIP TESTS				PROPERTY		PROJECT No.		N.T.S. No.		
FIELD CO-ORDINATES						DEPTH	BEARING		ANGLE		SURVEYED CO-ORDINATES					
							RECORDED	CORRECTED	RECORDED	CORRECTED					Sheet 2 of 3	
Lat.		Elev.		Dip						Lat.		Elev.		Dip		
Dep.		Length		Bearing						Dep.		Length		Bearing		
From (m)	To (m)	Recovery	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width (m)	ASSAYS							
									Au (gmt)	Ag (gmt)	Cu%	Pb%	Zn%			
10.8	12.43		Dacitic siltstone/SST. grey, f.g.-m.g. weakly foliated/bedded @ 60-80° WCA, somewhat distorted, minor qtz -- grey carb. veinlets exp. towards end, trace Py at start (1%), last 25 cm has approx. 4% Py, 2% Sp SAMPLE: 10.8 -- 11.43		2	low	15808	0.63	0.07	0.7	<0.01	<0.01	0.04			
			11.43 -- 12.43 m				39032	1.0	0.48	3.4		<0.01	0.30			
									0.62	3.1						
									0.48	3.8						
12.43	13.20	100	Qtz-Carb-Sulphide vein, white qtz earlier, grey qtz + brecciated buff carb, major py (15%), sp (5%), gn (2%) as patches and veinlets; irregular contacts and banding @ 70-80° WCA SAMPLE: 12.43 -- 13.20		22	high	39033	0.77	20.98	131.3		1.85	10.60			
									21.40	132.3						
									21.22	133.7						
13.20	13.68	100	Grey to buff brecciated carb. w/minor qtz veinlets + patches + minor Py (2%), Sp (1%) as patches + veinlets SAMPLE: 13.20 -- 13.68		2 1/2	low	39034	0.48	5.76	39.8		0.09	0.65			
									5.76	37.7						
									5.14	35.7						
13.68	14.30	100	Qtz vein, white qtz, minor lt grey carb, common early lt grey qtz, major py (5%) sp (1%), gn (1%) as veinlets + blotches, vein contacts irregular but @ large angle WCA; trace cpy SAMPLE: 13.68 -- 14.30		8	high	39035	0.62	41.52	168.7		3.00	2.22			
									45.60	166.6						
									37.75	156.3						
14.30	16.2	100	Altered andesite + dk grey carb veins, grey to greenish brown rock w/common carb. veinlets, minor qtz veinlets, common apple-green mica spots + red haematitic-rich spots, weakly foliated @ 80° WCA to MSV carb veins @ 45-70° WCA cut by white qtz veinlets SAMPLE: 14.30 -- 15.30 m				39036	1.0	0.07	1.0		<0.01	0.05			
									0.07	1.4						
									0.10	1.4						

DRILL LOG - 81

*mm*

Date \_\_\_\_\_ Logged By \_\_\_\_\_

**NORANDA EXPLORATION COMPANY LTD.**

Date Colored		Date Completed		Core Size		DIP TESTS				PROPERTY DOME MOUNTAIN		PROJECT No. T56		N.T.S. No. 93L/10E	
FIELD CO-ORDINATES				DEPTH		BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 3 of 3	
Lot.		Elev.		Dip		RECORDED		CORRECTED		Lat.		Elev.		Dip	
Dep.		Length		Bearing						Dep.		Length		Bearing	
From (m)	To (m)	Recovery	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width (m)	ASSAYS						
									Au (gmt)	Ag (gmt)	Cu%	Pb%	Zn%		
16.2	17.0	100	Andesite, maroon, w/green + red spots, minor calcite veinlets, weak shear; 16.8 - 17.0 m @ 60° WCA					0.8							
17.0	18.2		Andesite, maroon w/green & red spots, abundant white calcite as patches & veinlets (breccia - fillings) MSV					1.2							
18.2	18.7		Altered andesite, pale greenish-grey/brown, red spots + apple-green mica, common carb., calcite veinlets at end, no sulphides, contacts @ irregular @ 20-40° WCA					0.5							
18.7	26.1		Andesite, maroon MSV, common calcite patches + veinlets, common haematitic spots, minor green, waxy (chlorite) partings in places, minor epidote, especially toward end.					7.4							
26.1	27.0	100	Epidotised zone -- epidote + qtz (10%) rock, minor fragments of maroon andesite, no sulphides -- qtz as irregular veinlets + patches, contacts @ 45° WCA SAMPLE: 26.1 -- 27.0				39037	0.9	0.17 <0.07 <0.07	1.4 1.4 2.1			<0.01	<0.01	
27.0	44.5		Andesite, maroon, w/red (Haematite) spots, calcite veinlets & amygdules, green (chlorite?) spots, + calcite-epidote-rich zones @ 28.75 m, 29.05 m, 31.05 m, 31.5 m, 32.65 m, 33.7 m, 33.95 m, 35.9 m, 38.8 m, 41.2 m, 44.5 m, MSV -- 30.1 m qtz veinlet @ 40° WCA -- 30.7 m calcite veinlet @ 40° WCA -- 34.2 m qtz-epidote veinlet w/trace native Cu -- 38.7-39.2 m epidote-calcite zone w 1% native Cu (sampled) E.O.H. (146)					17.5							
44.5							39038	0.5	0.07 <0.07 <0.07	1.7 1.7 0.7			<0.01	<0.01	

DRILL LOG - 81

*MSV*

Date \_\_\_\_\_ Logged By \_\_\_\_\_

**NORANDA EXPLORATION COMPANY LTD.**

Date Collared 16 June 1985		Date Completed 17 June 1985		Core Size BQ	DIP TESTS				PROPERTY DOME MOUNTAIN - No. 3 claim		PROJECT No. T56	N.T.S. No. 93L/10E						
FIELD CO-ORDINATES				DEPTH	BEARING		ANGLE		SURVEYED CO-ORDINATES			Sheet 1 of 2						
Lat.	Elev.	Dip	Bearing		RECORDED	CORRECTED	RECORDED	CORRECTED	Lat.	Elev.	Dip	HOLE No. F85-3						
9981N	1329.5	-60°	219°															
Dep. 10039E	Length 25.6 m																	
From (m)	To (m)	Recovery	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width (m)	ASSAYS									
									Au (gmt)	Ag (gmt)	Cu%	Pb%	Zn%					
0.00	9.45		Little Recovery -- broken various rocks, mud															
9.45	12.7		Siltstone -- dk grey w/some lighter grey, sandy, limey layers w/minor open spaces, contacts @ 50° WCA Contains minor sulphides -- 1% py disseminated		1													
12.7	14.6		Dacite? and siltstone, dk grey to light grey, f.g., sheared, w/minor qtz + carb veinlets containing py, sp, gn -- qtz veins @ 55-70° WCA - sulphides overall 2% - rock may be partially silicified? - SAMPLES: 12.7 - 13.7 m (0.2 m short)		2													
14.6	15.81		Qtz vein w/major sulphides; py greater than sp greater than gn (total = 5.4%); sulphides occur in irregular masses or as disseminations; crude foliation? @ 50° WCA?; upper contact 70° WCA, banding within 5 cm @ 55° WCA, lower contact ground - SAMPLE: 14.6-15.81 m				39039 39040	0.8 0.9	0.17 0.31	14.1 72.0	-- --	0.27 0.30	0.43 0.60					
15.81	18.4		Altered volcanics -- chlor + seric + green mica -- light grey to light green; contains white qtz veins @ 60° WCA, parallel to foliation; qtz contains sulphides, py greater than sp, gn (total = 4%) - sulphides decrease towards end although numerous qtz veins throughout length - SAMPLE: 15.81 - 16.81 m		4													
18.4	24.4		Andesite lapilli tuff, maroon, gradational contact w/above unit over approx. 30 cm; carb + green mica				39042 17206	1.0 1.0	2.19 0.10	6.9 0.7	-- --	0.09 0.09	0.23 0.23					

DRILL LOG - 81

*Del M...*

Date 17 June 1985 Logged By Ian Cooper

**NORANDA EXPLORATION COMPANY LTD.**

Date Collared		Date Completed		Core Size		DIP TESTS				PROPERTY DOME MOUNTAIN		PROJECT No. T56		N.T.S. No. 93L/10E	
FIELD CO-ORDINATES				DEPTH	BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 2 of 2		
Lat.	Elev.	Dip			RECORDED	CORRECTED	RECORDED	CORRECTED	Lat.	Elev.	Dip	HOLE No.			
Dep.	Length	Bearing						Dep.	Length	Bearing	F85-3				
From (m)	To (m)	Recovery	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width (m)	ASSAYS						
									Au (gmt)	Ag (gmt)	Cu%	Pb%	Zn%		
			are common; foliation/bedding? @ 45-50° WCA; carb occurs as vesicle fillings?, also as minor carbonate veinlets, minor hematitic spots to 3 mm.												
24.4	25.6		No recovery, 1.2 m of missing core; wood fragments from timber set underground recovered.												
25.6			E.O.H. (84')												

DRILL LOG - 81

*dm*

Date 17 June 1985 Logged By Ian Cooper

## NORANDA EXPLORATION COMPANY LTD.

Date Colored 18 June 1985		Date Completed 20 June 1985		Core Size BQ		<b>DIP TESTS</b>				PROPERTY DOME MOUNTAIN - No. 4 Claim		PROJECT No. T56		N.T.S. No. 93L/10E	
<b>FIELD CO-ORDINATES</b>				<b>DEPTH</b>		<b>BEARING</b>		<b>ANGLE</b>		<b>SURVEYED CO-ORDINATES</b>				Sheet 1 of 1	
Lat. 9942N		Elev. 1346.7 m		Dip -50°						Lat.		Elev.		Dip	
Dep. 9999.4 E		Length 22.25 m		Bearing 321°						Dep.		Length		Bearing	
														HOLE No. F85-4	
From (m)	To (m)	Recovery	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width (m)	ASSAYS						
0	22.25		Overburden, no recovery.												
22.25			E.O.H. (73')												

DRILL LOG - 81

*Del Mar*

Date 20 June 1985 Logged By DEM Jr.

**NORANDA EXPLORATION COMPANY LTD.**

Date Colored 20 June 1985		Date Completed 22 June 1985		Core Size BQ		DIP TESTS				PROPERTY DOVE MTN. NO. 3 CLAIM		PROJECT No. T56		N.T.S. No. 93L/10E	
FIELD CO-ORDINATES				DEPTH		BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 1 of 4	
Lat.		Elev.		Dip		RECORDED		CORRECTED		Lat.		Elev.		Dip	
9 964.5 N		1336.5 m		-60°						Dep.		Length		Bearing	
Dep. 10 082 E		Length 75.29 m		Bearing 219°						Dep.		Length		Bearing	
From (m)	To (m)	Recovery	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width	ASSAYS						
									Au (gmt)	Ag (gmt)	Cu%	Pb%	Zn%		
0.0	20.0		No Recovery.												
20.0	34.8		SHALE/SILTSTONE, BLACK/DK GREY, V.F.G. -- f.g., minor Qtz-Carb veinlets throughout. - f.g. disseminated Py - graded bedding indicates beds upright - poor recovery at start - bedding at 21 m @ 60° WCA 25.6 m @ 70° WCA 32.5 m @ 60° WCA												
			- SAMPLE: 33.8 - 34.8 m		1		39201	1.0 m	0.34	5.1	0.01	0.02	0.01		
34.8	36.11		QTZ-VEINED SILTSTONE & DAQITE?, dk grey to brownish grey due to sericite, irregular banding, veining and foliation from 90° WCA to 20° WCA. - White late qtz veinlets, common grey qtz, minor py mainly near top (1% overall). SAMPLE: 34.8 - 36.11 m		1	Low	39202	1.31	0.07	5.8	0.01	0.01	0.03		
36.11	37.3		ALTERED VOLCANIC, lt. yellow green/grey sericite and bright green mica. - grey to white qtz veinlets. 2-3 cm white qtz veinlet @ 37.0 m @ 70° WCA with 5% py & gn.												
			- overall 2% sulphides (dissem & veinlet py 1% & sp 1% & trace gn) - SAMPLE: 36.11 - 37.3 m		2	Low	39203	1.19 m	0.07	2.7	0.01	0.01	0.04		

DRILL LOG - 81

*Del M...*

Date 22, 23 June 1985 Logged By DEM Jr., I.S.C.

**NORANDA EXPLORATION COMPANY LTD.**

Date Collared		Date Completed		Core Size		DIP TESTS				PROPERTY		PROJECT No.		N.T.S. No.							
FIELD CO-ORDINATES						DEPTH		BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 2 of 4					
Lat.		Elev.		Dip		RECORDED		CORRECTED		RECORDED		CORRECTED		Lat.		Elev.		Dip		HOLE No.	
Dep.		Length		Bearing										Dep.		Length		Bearing		P85-5	
From (m)	To (m)	Recovery	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width	ASSAYS												
									Au (gmt)	Ag (gmt)	Cu%	Pb%	Zn%								
37.3	38.4		QTZ-VEINED RHYOLITE & SILTSTONE: black to white qtz cutting v. siliceous rock which may be silicified dacite, rhyolite or early grey qtz, common sericite partings & major siltstone partings & fragments; common grey carbonate 2% disseminated & veinlet py, trace sp, trace gn? variable foliation angles from 45-60° WCA & irregular qtz veins. - SAMPLE: 37.3 - 38.4 m		2	--	39204	1.1 m	0.07	9.3	0.04	0.03	0.14								
38.4	39.07		SILTSTONE/ dk grey, common white qtz veinlets, with py >> sp, 2% py overall (veinlets & blebs & dissem.) - SAMPLE: 38.4 - 39.07 m		2	Low	39205	0.67 m	0.27	3.4	0.02	0.01	0.15								
39.07	39.45		ALTERED VOLCANIC, coarse ash tuff, common pale brown (sericite), minor bright green mica, qtz veinlet @ 60° WCA, 1% dissem. py. - SAMPLE: 39.07 - 39.45 m		1	Low	39206	0.38 m	0.10	3.4	0.01	0.02	0.09								
39.45	39.60		SILTSTONE/SST, dk grey, common veinlet & bleb pyrite (4%) partially silicified & bleached or w/acid volcanic component, grades into next unit over 10 cm - SAMPLE: 39.45 - 39.60 m		4	Low	39207	0.15 m	0.07	2.1	0.01	0.02	0.38								
39.60	40.25		ALTERED VOLCANIC, siliceous, lt grey, v.f.g. rock, lapilli tuff texture - layering @ 60 - 70° WCA, - dissem. py (1%), trace sphalerite - SAMPLE: 39.60 - 40.25		1	Low	39208	0.65 m	0.07	0.7	0.01	0.01	0.02								
40.25	41.1	65%	SILTSTONE, dk grey w/minor felsic volcanic grains & layers, minor qtz veinlets, trace calcite, py mainly in qtz veins (1% py overall) - foliation/layering @ 60-70° WCA - SAMPLE: 40.25 - 41.1 m - ground 30 cm		1	Low	39209	0.85 m	0.45	2.7	0.01	0.02	0.27								

DRILL LOG - 81

*dm*

Date \_\_\_\_\_ Logged By \_\_\_\_\_



**NORANDA EXPLORATION COMPANY LTD.**

Date Collared		Date Completed		Core Size		DIP TESTS				PROPERTY		PROJECT No.		N.T.S. No.	
FIELD CO-ORDINATES						DEPTH		BEARING		ANGLE		SURVEYED CO-ORDINATES			
Lat.		Elev.		Dip		RECORDED		CORRECTED		RECORDED		CORRECTED		Sheet 3 of 4	
Dep.		Length		Bearing						Dep.		Length		Bearing	
From (m)	To (m)	Recovery	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width	ASSAYS						
									Au (gmt)	Ag (gmt)	Cu%	Pb%	Zn%		
41.1	41.6		QTZ-VEINED ALTERED VOLCANIC, about 20% white/grey qtz veins @ 80-30° WCA w/major sp, py, gn & cpy (5%, 2%, 1/2%, trace) in grey/lt. grey, dacitic? rock - 10 cm mineralized qtz veinlet at end. - SAMPLE: 41.1 - 41.6 m												
41.6	42.2		ALTERED ANDESITE, f.g. ash tuff, pale grey grading to maroon andesite at end, layering @ 70° WCA, trace py - SAMPLE: 41.6 - 42.2				39210	0.5 m	5.01	47.3	0.15	1.18	2.55		
42.2	52.2		ANDESITE tuff, ash & lapilli tuff, pale maroon, minor white qtz veinlets, minor green waxy mineral spots, green sections 10-20 cm long @ 47.8 m, 47.1 m, 47.0 m & 46.8 m - layering = 70° WCA 43.3 m 70° WCA 44.8 m 60° WCA 47.8 m 50° WCA 50.8 m				39211	0.6 m	0.07	1.4	0.02	0.01	0.02		
52.2	63.9		ANDESITE lapilli tuff, deep maroon colour, common qtz-calcite veinlets - no sulphides,	layering @ 52.5 m 70° WCA 55.2 m 65° WCA 56.9 m 55° WCA											
63.9	69.0		ANDESITE tuff, maroon, calcite-rich, minor bright green mica, qtz & calcite-filled vesicles - 66.2 m layering @ 60° WCA, red fragments beginning @ 67.4 m, common calcite veinlets, py veinlet @ 64.1 m.	59.7 m 55° WCA 61.6 m 55° WCA											

DRILL LOG - 81

*JM*

Date \_\_\_\_\_ Logged By \_\_\_\_\_

**NORANDA EXPLORATION COMPANY LTD.**

Date Collared		Date Completed		Core Size		DIP TESTS				PROPERTY		PROJECT No.		N.T.S. No.	
FIELD CO-ORDINATES				DEPTH		BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 4 of 4	
Lat.		Elev.		Dip		RECORDED		CORRECTED		Lat.		Elev.		Dip	
Dep.		Length		Bearing		RECORDED		CORRECTED		Dep.		Length		Bearing	
From (m)	To (m)	Recovery	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width	ASSAYS						
									Au (gmt)	Ag (gmt)	Cu%	Pb%	Zn%		
69.0	74.1		ANDESITE, epidote-calcite-rich, red spotted, minor white qtz veinlets, minor dissem'd py esp. @ 70 m., minor haematite, trace native Cu w. calcite as @ 72.65 m, minor dk green waxy mineral veinlets @ 30-60° WCA - SAMPLE: 69.5 - 70.5 m		1	low	39212	1.0 m	0.07	0.7	0.01	0.01	0.01		
74.1	75.29		ANDESITE, red-spotted, calcite amygdules, flow, minor dk green waxy mineral as amygdules.												
75.29			E.O.H. (247')												

DRILL LOG - 81

*Jmm*

Date \_\_\_\_\_ Logged By \_\_\_\_\_

**NORANDA EXPLORATION COMPANY LTD.**

Date Colored 23 June 1985		Date Completed 28 June 1985		Core Size BQ (36 mm)		DIP TESTS				PROPERTY DOME MOUNTAIN - No. 4 Claim		PROJECT No. T56		N.T.S. No. 93L/10E	
FIELD CO-ORDINATES				DEPTH	BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 1 of 2		
Lat.	Elev.	Dip			RECORDED	CORRECTED	RECORDED	CORRECTED	Lat.	Elev.	Dip	HOLE No.			
9944 N	1347.3	-50°												F85-6	
Dep. 9980 E	Length 90.53 m	Bearing 321°													
From (m)	To (m)	Recovery	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width (m)	ASSAYS						
0	20.73		No recovery.						Au	Ag	Cu%	Pb%	Zn%		
20.73	21.03		Grind, various rock types including 2 cm fragments of quartz + sulfide-rich (gal-py-sph-ruby silver) rock + smaller fragments (special sample 15776)						(gmt)	(gmt)					
21.03	24.75		Dacite/rhyolite + siltstone/shale, mineralized, lt. grey/dk. grey, interbedded rocks, somewhat sheaved, common quartz + carbonate veinlets throughout, approx. 2-3% sulfides as blebs and veinlets throughout, py greater than sph greater than gal 21.05 1 cm quartz vein w. 50% sulfides 21.64 fol. @ 70° WCA 23.1 veinlet @ 50° WCA 24.2 fol. @ 70° WCA		2-3	low		3.72							
							15778	0.97	0.34	12.3	0.02	0.32	0.50		
							15779	1.0	0.21	5.8	0.03	0.30	0.54		
							15780	1.0	0.15	0.7	<0.01	0.02	0.09		
							15781	0.75	0.07	<0.7	<0.01	0.01	0.06		
24.75	25.27		Quartz-veined siltstone + dacite, 50% white quartz with 3% py, 1% sph, galena, late x-cutting clear quartz, minor dacitic lapilli, sulfides as blebs and veinlets, mainly in quartz, 24.8 m 50° parting in quartz vein 24.95 50° fol. 25.25 70° vein		5	high	15782	0.52	4.97	12.7	0.02	0.20	1.46		
25.27	26.3		Altered andesite, light greenish/brownish grey, wkly fol., bleached, minor yellowish sericite, minor apple green mica, ankerite alteration, minor qtz + carb. veinlets, 2% dissem. py at start, grading to nil at end.		1	low	15783	1.03	0.07	1.0	<0.01	0.01	0.01		

DRILL LOG - 81

*DEM Jr.*

Date 28 June 1985 Logged By DEM Jr.

**NORANDA EXPLORATION COMPANY LTD.**

Date Colored		Date Completed		Core Size		DIP TESTS				PROPERTY dome mountain		PROJECT No. T56		N.T.S. No. 93L/10E		
FIELD CO-ORDINATES				DEPTH		BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 2 of 2		
Lat.		Elev.		Dip		RECORDED		CORRECTED		RECORDED		CORRECTED		HOLE No.		
Dep.		Length		Bearing						Dep.		Length		Bearing		
From (m)	To (m)	Recovery	Description			Structure		% Sulph.	Est. Grade	SAMPLE No.	Width (m)	ASSAYS				
												Au (gmt)	Ag (gmt)	Cu%	Pb%	Zn%
26.3	34.6		Andesite lapilli tuff and breccia, red/maroon, minor white quartz veinlets, waxy bright green spots, common white spots to 3-4 mm, mainly 1-2 mm, vague layering @ approx. 70° WCA								8.3					
34.6	37.05		Altered andesite, lt. maroon/pale green/tan/cream, wkly schistose, quartz-carbonate veined, grades at bottom to andesite over 1.5 m, bright green spots, py approx. 3% at start, nil @ end, 30 cm rusty, soft zone at start - no recovery													
			35.4 m fol. @ 80° WCA							15784		0.07	7.9	0.05	0.01	0.02
37.05	56.0		Andesite tuff and tuff breccia, red/maroon, minor quartz carbonate veinlets, vague layering at approx. 70° WCA								18.95					
			51.2 3 cm white quartz vein w. chlorite													
			52.9 fol. @ 35° WCA													
			55.65 weathered, yellow stained zone, possible fault													
56.0	90.53		Andesite, red spotted, calcite rich, maroon/maroonish grey, probably flow, calcite veinlets + amygdules, red hematitic spots to 5 mm throughout, minor epidote and chlorite spots as well, minor pink feldspar in veinlets throughout,													
			58.6 - 59.5 epidote-calcite-quartz vein at 20° WCA													
			63.0 calcite veinlet @ 30° WCA													
			71.8 calcite veinlet @ 30° WCA													
			74.0 quartz-calcite veinlet @ 70° WCA													
			78.1 shear @ 25-40° WCA													
			82.4 - 82.9 greenish grey altered section with qtz-calcite-pink feldspar veinlets.													
			86.9 calcite veinlets at 35 and 20° WCA													

DRILL LOG - 81 90.53 E.O.H. (297')

*dm*

Date 29, 30 June 85 Logged By DEM Jr.



**NORANDA EXPLORATION COMPANY LTD.**

Date Colored 30 June 1985		Date Completed 1 July 1985		Core Size BQ (35 mm)		DIP TESTS				PROPERTY DOME MOUNTAIN - No. 2 claim		PROJECT No. T56		N.T.S. No. 93L/10E	
FIELD CO-ORDINATES				DEPTH		BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 1 of 3	
Lat. 10012N		Elev. 1318.4		Dip -60°		RECORDED		CORRECTED		Lat.		Elev.		Dip	
Dep. 10068.5E		Length 47.85 m		Bearing 219°		RECORDED		CORRECTED		Dep.		Length		Bearing	
From (m)	To (m)	Recovery	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width (m)	ASSAYS						
									Au (gmt)	Ag (gmt)	Cu%	Pb%	Zn%		
0			No recovery.												
2.44	11.5		Siltstone and dacitic/rhyolite lapilli tuff, inter-bedded, dk grey siltstone and light grey dacite/rhyolite, beds typically 10-40 cm thick, volcanic fragments to 30 mm, many rhyolite fragments, minor quartz and calcite veinlets, 1% dissem. pyrite, minor calcite matrix esp. in tuffaceous sections, 3.8 m bed. @ 60° WCA 8.2 m bed. @ 50° WCA 10.5 m bed. @ 60°		1%			9.06							
11.5	13.5		Rhyolite/dacite lapilli tuff, lt. grey/gray fragments to 40 mm, minor qtz & carb. veinlets, 1% dissem. py., minor calcite matrix, 12.25m bed @ 70° WCA		1%			2.0							
13.5	20.75		Siltstone w minor tuffaceous (felsic) sections, grey/d. grey, minor quartz and calcite veins, minor dissem., fn.gn.pyrite (1-1%), common calcite matrix (esp. in lighter colored sections), 14.2 m bed @ 60° WCA 16.9 m bed @ 60° WCA 19.5 m bed @ 65° WCA		1-1%			7.25							
20.75	25.7		Deformed siltstone and dacite, short 1 m of core, fault with sandy material which is not cemented, started at about 21.3 m ± .3 m, minor py greater than sph greater than galena (1% total sulfides), common limy sections at start, 21 m banding @ 20° WCA, 22.7 m quartz veinlet (1 cm) w. py, sph, gal @ 50° WCA 23.5 m 10 cm block? of altered andesite?		1%	low		4.95							

DRILL LOG - 81

*DEM Jr.*

Date 30 June/1 July 1985 Logged By DEM Jr.

**NORANDA EXPLORATION COMPANY LTD.**

Date Colored		Date Completed		Core Size		DIP TESTS				PROPERTY		PROJECT No.		N.T.S. No.							
FIELD CO-ORDINATES						DEPTH		BEARING		ANGLE		SURVEYED CO-ORDINATES									
Lat.		Elev.		Dip		RECORDED		CORRECTED		RECORDED		CORRECTED		Lat.		Elev.		Dip		HOLE No.	
Dep.		Length		Bearing										Dep.		Length		Bearing		F85-8	
From (m)	To (m)	Recovery	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width (m)	ASSAYS												
									Au (gmt)	Ag (gmt)	Cu%	Pt%	Zn%								
			25.1 m 1% py, 1% sph, minor gal. in breccia rhy. tuff																		
			20.75 - approx. 21.3				15785		0.07	1.0	<0.01	0.02	0.02								
			21.3 - " 22.3				15786		0.41	7.9	<0.01	0.06	0.45								
			22.3 - " 23.0				15787		0.17	3.4	<0.01	0.04	0.28								
			23.0 - 24.0				15788		0.21	5.8	<0.01	0.05	0.12								
			24.0 - 25.0				15789		0.07	1.0	<0.01	0.02	0.08								
			25.0 - 25.7				15790		0.24	12.0	0.09	0.04	1.04								
25.7	31.97		Dacite tuff, grey, fn gn, some coarse ash tuff, minor siltstone layers, minor quartz-carbonate veinlets, 1/2% dissem. py, 25.8 m banding @ 65° WCA		1/2			6.27													
			27.2 m fol.? @ 50° WCA																		
			29.2 m 10 cm barren quartz vein, broken																		
			30.3 m minor sph blebs in contorted dacite																		
			31.5 m fol. @ 80° WCA																		
			30.97 -- 31.97				15791	1.0	0.07	<0.7	<0.01	<0.01	0.02								
31.97	32.97		Quartz vein, mineralized, white/grey/tan quartz with abundant sulfide blebs and veinlets and sericitic partings, approx. 3% pyrite, 1 1/2% sph, 1/2% galena, tr. cpy,		5%	high	15792	1.0	24.99	61.7	0.23	0.54	4.00								
			31.97 m upper contact at 70° WCA																		
			32.4 m sulfide veinlets @ 80° WCA																		
			32.97 lower contact @ 80° WCA																		
32.97	33.24		Altered andesite, pale maroon/pale brown, weakly fol., sericitic, 2% bleb + dissem. pyrite, common red (hematitic) spots to 3 mm common bright green micaeous spots,		2%	low	15793	0.27	0.51	0.7	0.02	0.01	0.04								
			33.2 m fol @ 70° WCA																		

DRILL LOG - 81

*dm*

Date \_\_\_\_\_ Logged By \_\_\_\_\_

**NORANDA EXPLORATION COMPANY LTD.**

Date Collared		Date Completed		Core Size		DIP TESTS				PROPERTY DOME MOUNTAIN			PROJECT No. T56		N.T.S. No. 93L/10E		
FIELD CO-ORDINATES				DEPTH	BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 3 of 3				
Lat.	Elev.	Dip			RECORDED	CORRECTED	RECORDED	CORRECTED	Lat.	Elev.	Dip		HOLE No.				
Dep.		Length		Bearing						Dep.		Length		Bearing		F85-8	
From (m)	To (m)	Recovery	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width (m)	ASSAYS								
									Au (gmt)	Ag (gmt)	Cu%	Pb%	Zn%				
33.24	34.80		Andesite, red spotted, purplish maroon, minor quartz veinlets, common quartz amygdules, common green spots (epidote?), nil calcite, nil pyrite 33.7 m quartz veinlet @ 30° WCA					1.56									
34.80	36.25		Quartz-ankerite-chlorite veined, altered and brecciated andesite; pale maroon andesite fragments and brecciated rock, veined with quartz-ankerite and quartz chlorite veins, calcite near end, nil sulfides 35.0 m quartz ankerite vein @ 40° WCA 35.7 m quartz chlorite vein @ 30° WCA 34.8 - 35.5					1.45									
			35.5 - 36.25				15794	0.7	0.07	<0.7	<0.01	<0.01	0.02				
36.25	47.85		Andesite, red spotted, massive flow, calcite filled vesicles where unweathered, red hematitic spots to 5 mm, minor quartz and calcite veinlets, minor green spots of chlorite? and epidote, some sections very weathered, vuggy (calcite leached?), w. poor recovery at 40.0 m, 40.8 m 43.5 m, 44.4 m, 45.2 m, 46 m; nil sulfides. 36.6 m quartz-chlorite vein @ 20° WCA 41.0 m calcite veinlet @ 20° WCA 47.25 m 4 cm thick epidote altered zone @ 50° WCA				15795	0.75	0.07	<0.7	<0.01	<0.01	0.02				
47.85			E.O.H. (157')														

DRILL LOG - 81

*dm*

Date \_\_\_\_\_ Logged By \_\_\_\_\_



**NORANDA EXPLORATION COMPANY LTD.**

Date Collared 1 July 85		Date Completed 2 July 85		Core Size BQ		DIP TESTS				PROPERTY DOME MTN. No. 2 C1		PROJECT No. T56		N.T.S. No. 931/10E	
FIELD CO-ORDINATES				DEPTH		BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 1 of 4	
Lat. 10 012 N		Elev. 1318.4		Dip -90°		RECORDED		RECORDED		Lat.		Elev.		Dip	
Dep. 10 069 E		Length 44.81		Bearing --						Dep.		Length		Bearing	
From (m)	To (m)	Recovery	Description			Structure	% Sulph.	Est. Grade	SAMPLE No.	Width	ASSAYS				
0	2.7		Little Recovery - some ground fragments.												
2.7	9.3		Interbedded siltstone & dacite (or rhyolite) lapilli tuff: dk grey, siltstone bedded/foliated @ 60° WCA -- upper contacts @ 60° WCA, lower contacts @ 45-50° WCA. -v. lt. grey to grey tuff beds @ 60° WCA w/subround to lens shaped lapilli -- many lapilli are very felsic (rhyolite), max. approx. 4 cm tuff mtx contains minor carbonate & carb. veinlets @ 20° WCA. - tuff beds avg. 20-40 cm thick - contains v. minor v.f.g. dissem'd py (1-1%)				1-1	--							
9.3	12.75		Rhyolite (+ dacite) lapilli tuff with 10-20 cm siltstone interbeds - lapilli fining upwards in top 70 cm of light grey unit, lapilli max. 3-4 cm. - contacts/bedding @ 60° WCA - V. minor carbonate in mtx.				0	--							
12.75	19.2		Siltstone, dk grey bedded/foliated @ 60° WCA, grades over 5-10 cm into 50 cm dacite/rhyolite lapilli tuff bed (13.5-14.0 m), sharp lower contact @ 60° WCA. minor carbonate in tuff mtx, minor carb. veinlets throughout, carb. common in siltstone as well, in some areas; contains minor qtz veinlets; siltstone contains minor small lapilli frags in areas. - sulphides minor, v.f.g. dissem. py (1/2), v. minor sp blebs @ approx. 17.8 m. - siltstone becomes v. soft w/minor open spaces (wthrd) 18.4-18.9 m				1/2	--							

DRILL LOG - 81

*W. M.*

Date 2 July 1985 Logged By I. Cooper

# NORANDA EXPLORATION COMPANY LTD.

Date Collared		Date Completed		Core Size		DIP TESTS				PROPERTY		DOME MTN. No. 2 C1.		PROJECT No. T56		N.T.S. No. 93L/10E				
FIELD CO-ORDINATES				DEPTH		BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 2 of 4						
Lat.		Elev.		Dip		RECORDED		CORRECTED		RECORDED		CORRECTED		Lat.		Elev.		Dip		
Dep.		Length		Bearing		RECORDED		CORRECTED		RECORDED		CORRECTED		Dep.		Length		Bearing		
From (m)	To (m)	Recovery	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width	ASSAYS											
									Au (gmt)	Ag (gmt)	Cu%	Pb%	Zn%							
19.2	21.8		Siltstone & dacite? interbedded, & deformed;-- dk grey siltstone & minor lighter grey volcanic, minor qtz veinlets; entire length of unit contains many open spaces (wthr) including spaces within qtz veinlets; v.f.g. dissem py (1%)		1/2	low														
21.8	23.31		SAMPLE: 20.8 - 21.8 m Dacite? w/minor dk grey shaley partings; grey to lt. grey dacite, minor qtz veinlets @ 10-20° WCA, 1 cm qtz veinlet @ 23.3 m contains gn + sp -- sulphides overall: py v.f.g. dissem (1/2%) trace sp & gn as blebs in qtz - foliation? @ 50-60° WCA			approx. 1/2 low	18661	1.0	0.07	8.2	0.01	0.29	0.66							
23.31	27.9		SAMPLE: 22.3 - 23.31 m Dacite ash tuff to lapilli tuff; (lapilli increase to approx. 2 cm @ 24.6 m, finer below) grey to lt grey, w/minor qtz veinlets, foliation @ 50° WCA - sulphides common, esp py (1%), sp (1/2%), trace gn, decreasing downward			approx. 1/2 low	18662	1.01	0.07	14.7	0.01	0.42	0.21							
27.9	28.8		SAMPLES: 23.3 - 24.3 m 26.9 - 27.9 m Quartz vein; grey to white qtz w/common sulphides as blebs - py (2-3%), sp (1%), gn (1/2%), trace cpy? - upper contact @ 40° WCA - sericitic partings near bottom & some green mica; lower contact not sharp @ approx. 50° (?) WCA		3 1/2	med	18663	1.0	0.17	3.1	0.01	0.05	0.07	18664	1.0	0.07	4.5	0.02	0.02	0.10
28.8	31.0		Altered volcanic; tan to light green sericite & green mica & red (haematitic) spots to 2 mm - abundant white qtz veinlets & blebs, waxy green mineral on broken surfaces.		4 1/2		18665	0.9	0.34	7.2	0.02	0.03	0.32							
						low														

DRILL LOG - 81

*mm*

Date 2 July 1985 Logged By Ian Cooper

**NORANDA EXPLORATION COMPANY LTD.**

Date Collared		Date Completed		Core Size		DIP TESTS				PROPERTY		PROJECT No.		N.T.S. No.			
						DEPTH		BEARING		ANGLE		DOMESTAIN		T56		93L/10E	
FIELD CO-ORDINATES						DEPTH		RECORDED	CORRECTED	RECORDED	CORRECTED	SURVEYED CO-ORDINATES				Sheet 4 of 4	
Lat.		Elev.		Dip								Lat.		Elev.		Dip	
Dep.		Length		Bearing								Dep.		Length		Bearing	
From	To	Recovery	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width	ASSAYS								
									Au (gmt)	Ag (gmt)	Cu%	Pb%	Zn%				
			- common red haematitic spots to 5 cm, common carbonate veinlets and blebs as well as carb in mtx SAMPLE: 36.3 - 37.3				18673	1.0	0.58	<0.7	<0.01	<0.01	0.06				
40.1	44.81		Andesite, maroon to purple w/minor bright green mica, no sulphides, abundant carb. veinlets and blebs, most often containing empty spaces (weathered) common red (haematitic) spots to 5 mm		0	--											
44.81			EOH (147').														
			calculated average grades 31.0 - 36.3 m 34.7 - 36.3 m					5.3 m 1.6 m	70.95	118.2	0.37	1.58	5.42				

DRILL LOG - 81

*Jm*

Date 2 July 1985 Logged By Ian Cooper

NORANDA EXPLORATION COMPANY LTD.

Date Collared		Date Completed		Core Size		DIP TESTS				PROPERTY DOME MOUNTAIN		PROJECT No. T56		N.T.S. No. 93L/10E															
FIELD CO-ORDINATES				DEPTH		BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 3 of 4															
Lat.		Elev.		Dip		RECORDED		CORRECTED		Lat.		Elev.		Dip															
Dep.		Length		Bearing						Dep.		Length		Bearing															
From (m)		To (m)		Recovery (%)		Description				Structure		% Sulph.		Est. Grade		SAMPLE No.		Width (m)		ASSAYS									
																				Au (gmt)		Ag (gmt)		Cu%		Pb%		Zn%	
						SAMPLES: 28.8 - 29.9 m								18666		1.1				<0.07		1.0		<0.01		<0.01		0.02	
						29.9 - 31.0 m								18667		1.1				<0.07		1.0		<0.01		<0.01		0.07	
31.0		31.9				Quartz vein, white to lt. grey qtz w. abundant sulphides as blebs, veinlets; py (3-5%), sp (2%), cpy (3/4%), gn (1-1%)				foliation? @ 20-30° WCA sulfide veinlets @ 30° WCA		approx. 7% high		18668		0.9		29.14		90.0		0.34		0.84		3.30			
31.9		33.2				Rhyolite/dacite -- altered volcanic, lt grey to pale (light) green -- sericite and minor bright green mica, minor qtz veinlets. -- appears deformed, almost brecciated in some areas.																							
						SAMPLE: 31.9 - 32.9 m								18669		1.0		0.07		5.8		0.03		0.08		0.07			
33.2		34.7				Rhyolite/dacite, light grey to v. lt grey, slight foliation? @ 20-30° WCA; minor qtz veinlets & blebs, minor Co3 veinlets; gradational (poorly defined) contact w. underlying unit.								18670		1.0		0.07		1.4		<0.01		0.01		0.02			
34.7		36.3				Quartz vein, light to dk grey to white qtz w. abundant sulphides -- py (10%), sp (3%), gn (1/2%), cpy (3/4%), occur in masses or as veinlets @ 20-50° WCA -- minor sericite near bottom						approx. 14% high																	
						-- upper foliation near contact @ 50-60° WCA -- lower foliation near contact @ 40-50° WCA								18671		0.8		108.00		158.6		0.38		1.75		4.30			
						SAMPLES: 34.7 - 35.5 35.5 - 36.3								18672		0.8		33.91		77.8		0.37		1.41		6.55			
36.3		40.1				Altered andesite, tan to pale maroon w. light yellow-green areas due to sericite and bright green mica, f.g. dissem py & veinlets @ 50° WCA (1-2% py)						1-2 low																	

DRILL LOG - 81

*Jan*

Date 2 July 1985 Logged By Ian Cooper

NORANDA EXPLORATION COMPANY LTD.

Date Colored 3 July 85		Date Completed 5 July 85		Core Size BQ		DIP TESTS				PROPERTY DOME MOUNTAIN - No. 4 Claim		PROJECT No. T56		N.T.S. No. 93L/10E	
FIELD CO-ORDINATES				DEPTH		BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 1 of 3	
Lat. 9943 N		Elev. 1347.3 m		Dip -80°		RECORDED		CORRECTED		RECORDED		CORRECTED		HOLE No. F85-10	
Dep. 9980.5 E		Length 65.84 m		Bearing 321°						Dep.		Length		Bearing	
From (m)	To (m)	Recovery	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width (m)	ASSAYS						
									Au (gmt)	Ag (gmt)	Cu%	Pb%	Zn%		
0	17.37		No Recovery.												
17.37	20.6		Siltstone: dk grey w/some light grey beds 1-4 cm thick @ 70° WCA containing minor carb. + f.g. py (possible tuff beds?); siltstone contains many carb. veinlets (some weathered out) some @ 70° WCA parallel to bedding -- a 3 cm carb. veinlet @ 70° WCA @ approx. 17.9 m, contains sulphides as blebs, mostly py, some sp -- sulphides also occur within siltstone -- v.f.g. dissem. py (approx. 1/2%) or v. minor v.f.g. py veinlets; sulphides in carbonate veinlets as well. SAMPLE: 19.6 - 20.6 m		1/2		18675	1.0	<0.07	3.4	<0.01	0.02	0.03		
20.6	21.5		Quartz-veined, deformed siltstone + dacite? w. massive sulphides: dk grey siltstone + sharp fragments (brecciated?) of lighter grey, v. hard (partially silicified?) dacite?; upper contact @ approx. 60° WCA, white qtz veins 1-6 cm wide @ 50-60° WCA contain py, sp, gn; sulphides also occur within main rock; overall sulphides: py (2%), sp (1%), gn (1-1/2%); lower contact @ approx. 80° WCA		3/4	low	15826	0.9	4.46	38.7	0.06	0.30	2.17		
21.5	22.3		Altered (dacite) lapilli tuff: light grey to v. lt. green, sericite common, v. minor green mica, minor subangular to subround lapilli to 1 cm; minor clear qtz blebs to 2 mm, minor white to lt. yellow qtz veins @ 90° WCA, blebs containing py, sp; py occurs w. carb. in a veinlet @ approx. 10° WCA in upper 20 cm of unit -- sulphides overall: py (1%), sp (1%)		2%	low	15827	0.8	0.51	11.7	0.04	0.02	1.56		
				Average Grade 20.6 - 22.8 m				2.2	3.17	22.72	0.05	0.15	1.79		

DRILL LOG - 81

*Neil Cooper*

Date 5 July 1985 Logged By Ian Cooper

**NORANDA EXPLORATION COMPANY LTD.**

Date Collared		Date Completed		Core Size		DIP TESTS				PROPERTY DOME MOUNTAIN - No. 4 Claim		PROJECT No. T56		N.T.S. No. 93L/10E	
FIELD CO-ORDINATES				DEPTH		BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 2 of 3	
Lat.		Elev.		Dip		RECORDED		CORRECTED		RECORDED		CORRECTED		HOLE No.	
Dep.		Length		Bearing						Dep.		Length		F85-10	
From (m)	To (m)	Recovery	Description	Structure	% Sulph.	Est. Grade	SAMPLE No.	Width (m)	ASSAYS						
									Au (gmt)	Ag (gmt)	Cu%	Pb%	Zn%		
22.3	22.8		Quartz veined, deformed siltstone + dacite? v. similar to higher unit (20.6 - 21.5 m); dk grey siltstone + light grey (hard) angular frags of dacite? + white to lt. yellow qtz veins + veinlets containing massive sulphides; sulphides occur within main rock as well, overall py (1%), sp (trace).		1%	low	15828	0.5		5.11	11.6	0.04	0.09	1.50	
22.8	24.55		Deformed siltstone + dacite, minor quartz veins, lt. to dark grey, appears deformed (brecciated?) in upper 40 cm. Contains mineralized white qtz-carb veinlets as well as veinlets of py + dissem. py throughout -- overall py (1-2%)		1-2	low		1.75							
			SAMPLES: 22.8 - 24.0 m 24.0 - 24.55 m				15829 15830	1.2 0.55	0.65 0.09	3.4 1.7	0.01 <0.01	0.04 <0.01	0.27 0.04		
24.55	27.5		Altered andesite lapilli tuff: lt. purple to v. lt. purple to green (in sections) -- green areas @ 25.3 - 25.4 (almost featureless except for colour) as well as much smaller areas 1 or 2 cm wide; altered areas are not well defined, colours blend gradually into each other, contain green mica except for area @ 26.2 m (to 27.0 m) sharp boundary between purple and green rock along a small carb veinlet @ 20° WCA. - bedding @ 75-90° WCA; f.g. dissem. py (approx. 1%) - lapilli to 3.5 cm, most are lighter in colour than mtx.; minor carb veinlets SAMPLE: 24.55 - 25.45		1%	low	15831	0.9	<0.07	0.7	<0.01	<0.01	0.0		
27.5	63.1		Andesite lapilli tuff (to tuff breccia), purple to maroon; most lapilli are darker in colour than mtx. (dk purple - v. dk grey), appear micro-porphyrific - some areas contain abundant 1-2 mm white carb +		Tr.			35.6							

DRILL LOG - 81

*dm*

Date 5 July 1985 Logged By Ian Cooper

NORANDA EXPLORATION COMPANY LTD.

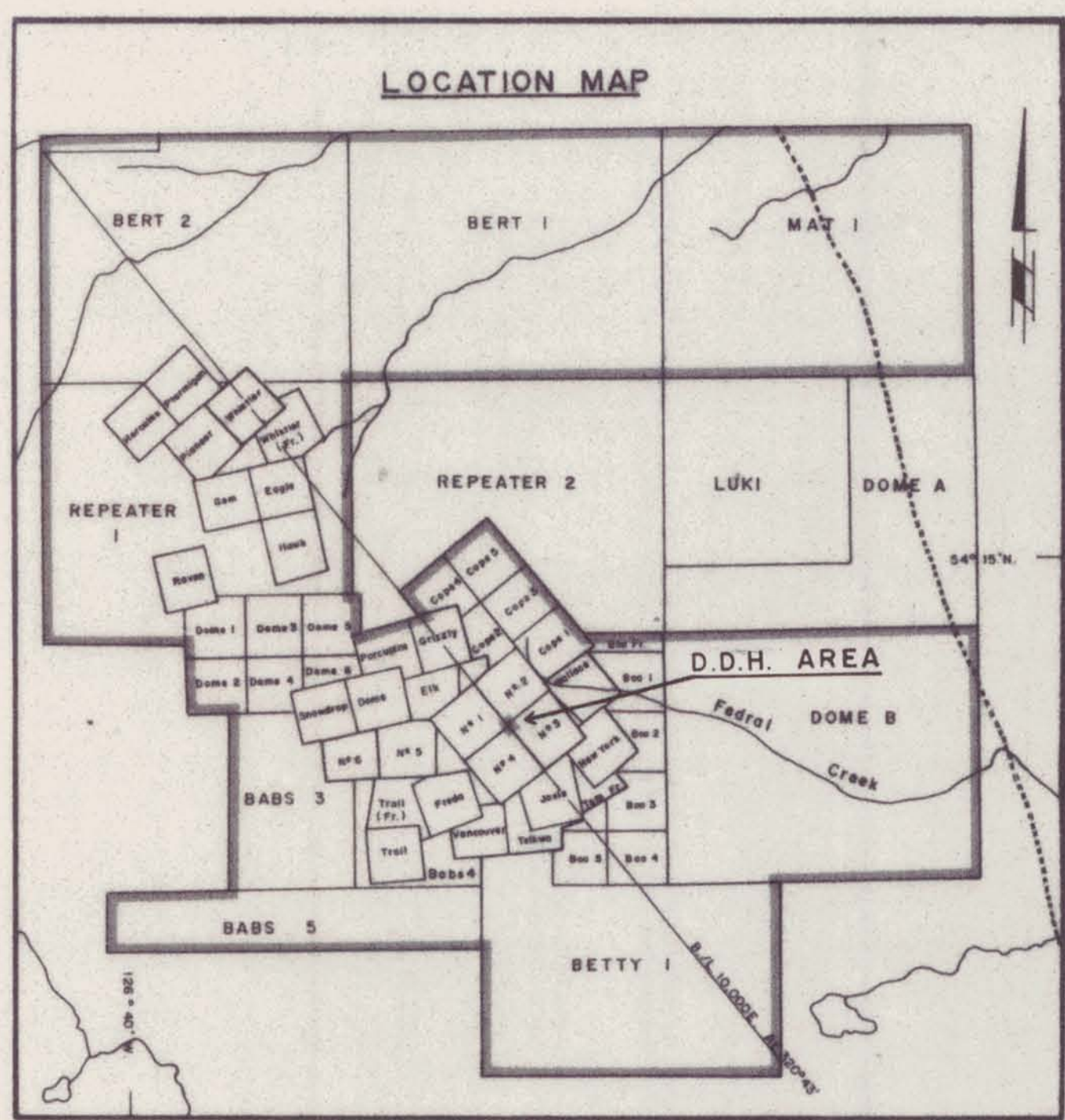
Date Colored		Date Completed		Core Size		DIP TESTS				PROPERTY DOME MOUNTAIN		PROJECT No.		N.T.S. No. 93L/10E		
FIELD CO-ORDINATES				DEPTH		BEARING		ANGLE		SURVEYED CO-ORDINATES				Sheet 3 of 3		
Lat.		Elev.		Dip		RECORDED		CORRECTED		RECORDED		CORRECTED		HOLE No.		
Dep.		Length		Bearing						Dep.		Length		F85-10		
From (m)	To (m)	Recovery	Description			Structure	% Sulph.	Est. Grade	SAMPLE No.	Width (m)	ASSAYS					
			qtz amygdules, 1-10 mm reddish-brown spots, 1-4 mm green mica flakes, a few blocks similar in appearance to lapilli; some areas are almost featureless except for a few lapilli -- bedding @ top 70-80° WCA (decreases with depth); common white qtz & carb veinlets, many parallel to bedding, many 1-4 mm @ 30-40° WCA (decrease to 20° @ 57.0 m); some near top are mineralized w. minor f.g. py, v. minor py within tuff, sulphides trace overall, 4-8 cm wide white qtz veins @ 47.9 m @ 30° WCA 50.5 m @ 85° WCA 50.75 m @ 40° WCA, no sulphides 52.9 m @ 50° WCA 53.55 m @ 45° WCA - 50 cm white qtz (& carb) vein @ 56.45 - 56.95 m @ 15-20° WCA, no sulphides - 1-4 cm white qtz-carb veins @ 20° WCA @ 57.0 m and below - zone from approx. 59.50 m - 60.75 m w/v. few lapilli approx. 2 mm max. (ash tuff)			48 m 60° WCA bed 54 m 50° WCA bed										
63.1	65.84		Andesite, red spotted, blue grey to green w/common red spots to 5 mm - top 20 cm contains rusty carbonate & qtz veining w/trace gn -- minor carb & qtz veinlets throughout -- area from 65.0 - 65.84 m contains abundant carb & qtz (up to 40% of rock); carb common throughout rock as well; green waxy min. spots to 5 mm are common & minor dk green chlorite SAMPLE: 63.1 - 63.34 m -- carb & qtz vein at top of unit - sheared?							2.74						
	65.84		E.O.H. (216')						15832	0.24	<0.07	<0.7	<0.01	<0.01	<0.01	

DRILL LOG - 81

*Sum*

Date \_\_\_\_\_ Logged By \_\_\_\_\_





**DOMS MT. 1985 D.D.H. LEGEND**

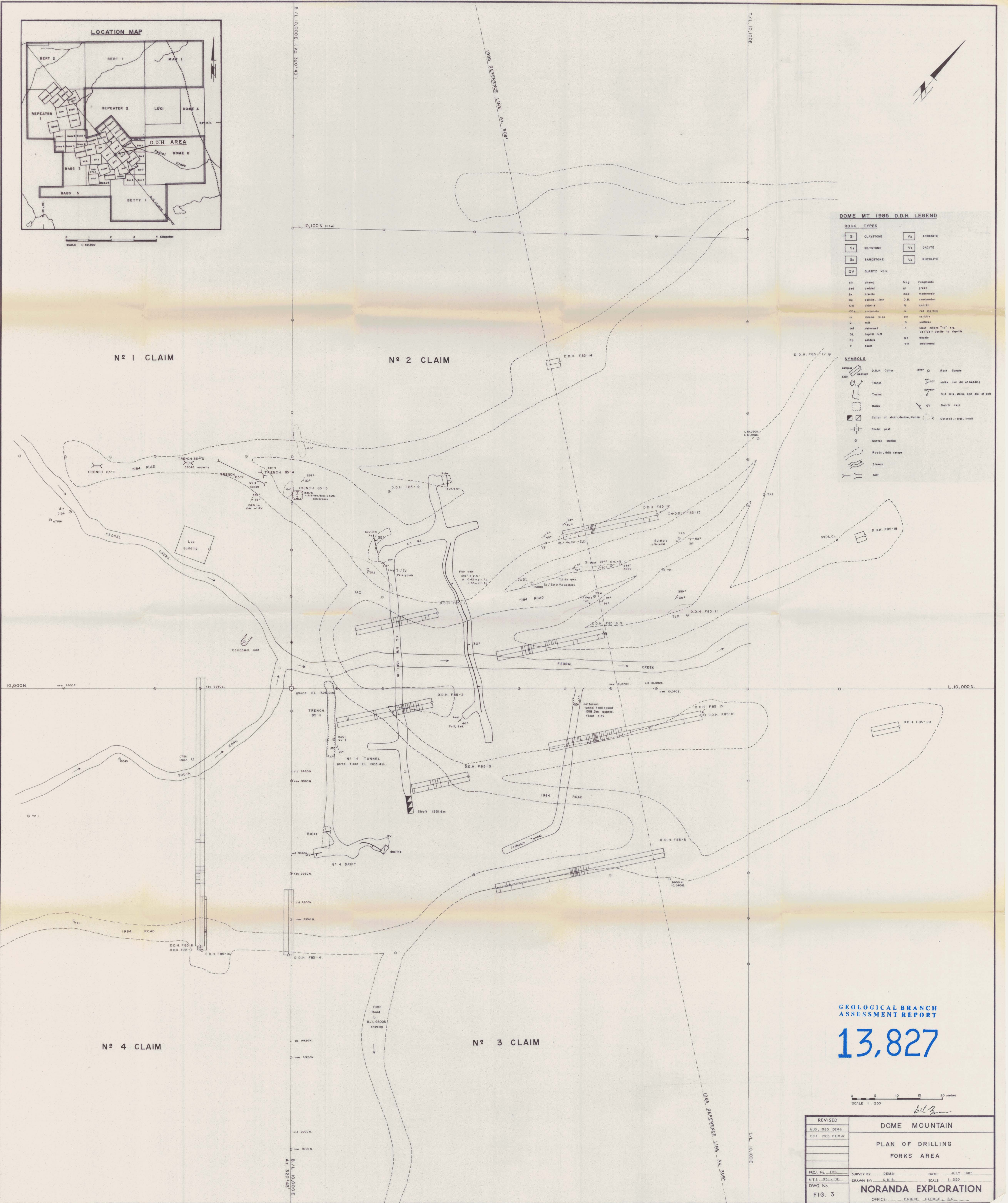
ROCK TYPES	
Cl	CLAYSTONE
Ss	SILTSTONE
Ss	SANDSTONE
QV	QUARTZ VEIN
AN	ANDESITE
DA	DACITE
RY	RYHOLITE

en	enriched	frg	fragments
gr	granitic	gr	granite
sl	slaty	mod	moderately
cc	carbonaceous, limy	O.B.	overburden
Ch	chert	Q	quartz
CD	carbonaceous	fr	fragments
qt	quartzite	mt	metre
D	deformed	S	solid
def	deformed	/	slab, mass, etc.
DL	deformed	Vs/Va	vein, etc. in dip
Ep	epidote	wk	weakly
f	fracture	wt	weathered

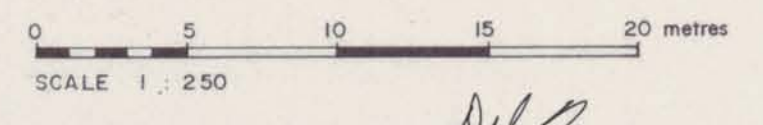
**SYMBOLS**

○	D.D.H. Collar	○	Rock Sample
○	Trench	○	strike and dip of bedding
○	Tunnel	○	fold axis, strike and dip of axis
○	Vein	○	Quartz vein
○	Collar of shaft, decline, bottle	○	Outcrop, large, small
○	Claim post		
○	Survey station		
○	Roads, drill ramps		
○	Stream		
○	ADP		



**GEOLOGICAL BRANCH ASSESSMENT REPORT**

**13,827**



REVISED	DOMS MOUNTAIN	
AUG. 1985 DEM/JR	PLAN OF DRILLING	
OCT. 1985 DEM/JR	FORKS AREA	
PROJ. No. 156	SURVEY BY: DEM/JR	DATE: JULY 1985
NTS: 93%/10E	DRAWN BY: S.K.B.	SCALE: 1:250
DWG. No.	<b>NORANDA EXPLORATION</b>	
FIG. 3	OFFICE: PRINCE GEORGE, B.C.	

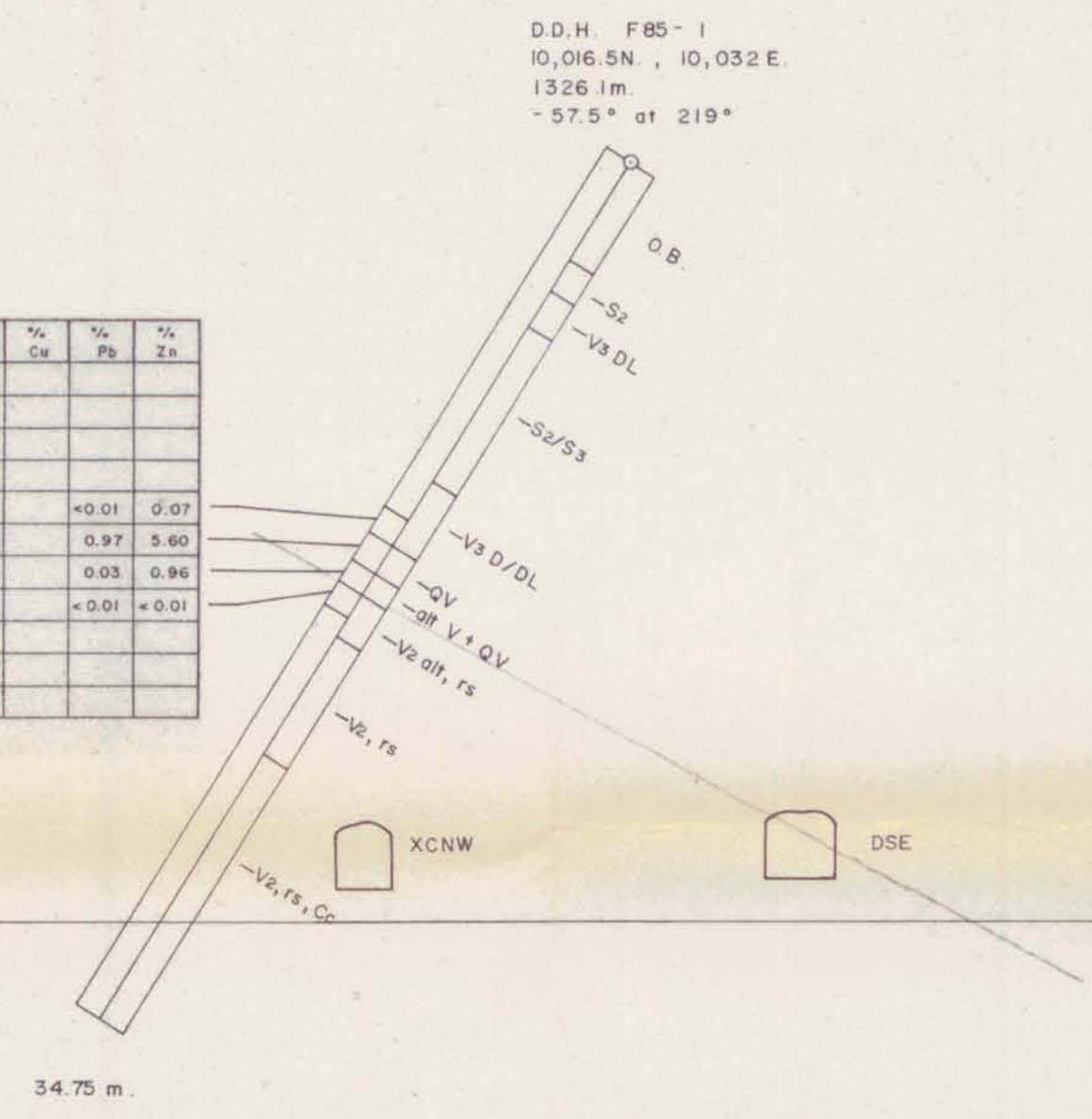


1985 Reference Line

B L  
10,000E.

SAMPLE N°	FROM-TO metres	WIDTH	gmt Au	gmt Ag	% Cu	% Pb	% Zn
14894	14.5-15.5	1.0m	0.07	3.43	<0.01	0.07	
14895	15.5-16.65	1.15m	16.27	106.50	0.97	5.60	
14896	16.65-17.47	0.82m	1.22	16.43	0.03	0.96	
14897	17.47-18.47	1.0m	<0.07	1.60	<0.01	<0.01	

NOTE: \* indicates average of analyses



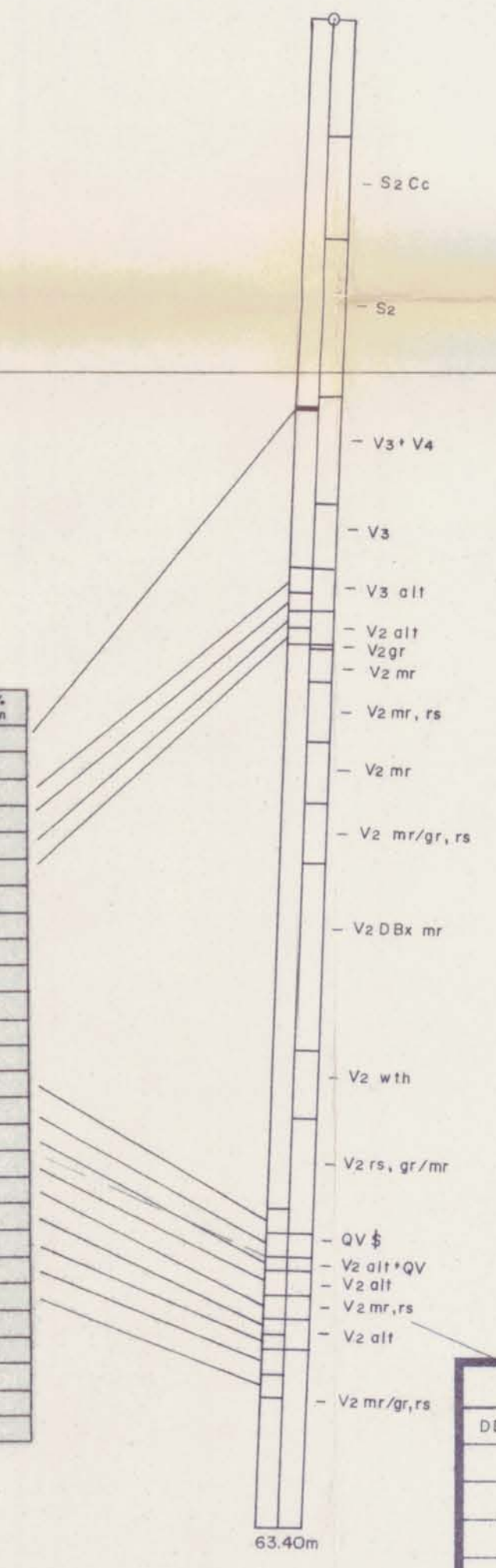
D.D.H. F85-1  
10,016.5N, 10,032 E.  
1326.1m.  
- 57.5° at 219°

**DOM M. 1985 D.D.H. LEGEND**

ROCK TYPES			
S1	CLAYSTONE	V2	ANDESITE
S2	SILTSTONE	V3	DACITE
S3	SANDSTONE	V4	RHYOLITE
QV	QUARTZ VEIN		
alt	altered	frag	Fragments
bed	bedded	gr	green
Bx	breccia	mod	moderately
Cc	calcite, limy	O.B.	overburden
chl	chlorite	Q	quartz
CO3	carbonate	rs	red spotted
cr	chrome mica	ser	sericite
D	tuff	S	sulfides
def	deformed	/	slash means "to" e.g. V3/V4 = dacite to rhyolite
DL	lapilli tuff	wk	weakly
Ep	epidote	wth	weathered
F	fault	mr	maroon
	ground or missing core		

3.1 m SE of section  
D.D.H. F85-18  
10033 1/2 N, 10126 E  
1314.9 m  
- 88° at 213°

SAMPLE N°	FROM-TO metres	WIDTH	gmt Au	gmt Ag	% Cu	% Pb	% Zn
17290	16.35-16.50	0.15m	0.07	0.07			
17291	23.10-24.10	1.00m	0.07	0.07			
17292	24.10-24.90	0.80m	0.07	0.07			
17293	24.90-25.60	0.70m	0.07	0.07			
17294	25.60-26.30	0.70m	0.07	0.07			
15977	50.00-51.00	1.00m	0.07	0.07			
15978	51.00-52.05	1.05m	21.33	45.3			
15979	52.05-52.60	0.55m	0.65	1.7			
15980	52.60-53.70	1.10m	0.65	1.0			
15981	53.70-54.65	0.95m	0.10	0.07			
15982	54.65-55.30	0.65m	0.07	0.07			
15983	55.30-55.90	0.60m	0.07	1.0			
15984	55.90-57.00	1.10m	0.07	0.07			
15985	57.00-58.00	1.00m	0.07	0.07			



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

# 13,827

0 5 10 15 20 metres  
SCALE 1:250

REVISED	DOME MOUNTAIN	
DEM Jr. Aug 85	D.D.H. F85-1, 18	
	SECTION AT 219° LOOKING NW.	
PROJ. No. T.56	SURVEY BY: DEM Jr.	DATE: JULY 1985
N.T.S. 93L/10E	DRAWN BY: S.K.B.	SCALE: 1:250
DWG. No. Fig 4	<b>NORANDA EXPLORATION</b>	
	OFFICE: PRINCE GEORGE, B.C.	



DOME MT. 1985 D.D.H. LEGEND

ROCK TYPES			
S <sub>1</sub>	CLAYSTONE	V <sub>2</sub>	ANDESITE
S <sub>2</sub>	SILTSTONE	V <sub>3</sub>	DACITE
S <sub>3</sub>	SANDSTONE	V <sub>4</sub>	RHYOLITE
QV	QUARTZ VEIN		
alt	altered	frag	Fragments
bed	bedded	gr	green
Bx	breccia	mod	moderately
Cc	calcite, limy	O.B.	overburden
chl	chlorite	Q	quartz
CO <sub>3</sub>	carbonate	rs	red spotted
cr	chrome mica	ser	sericite
D	tuff	S	sulfides
def	deformed	/	slash means "to" e.g.
DL	lapilli tuff	V <sub>3</sub> / V <sub>4</sub>	dacite to rhyolite
Ep	epidote	wk	weakly
F	fault	wth	weathered
	ground or missing core		

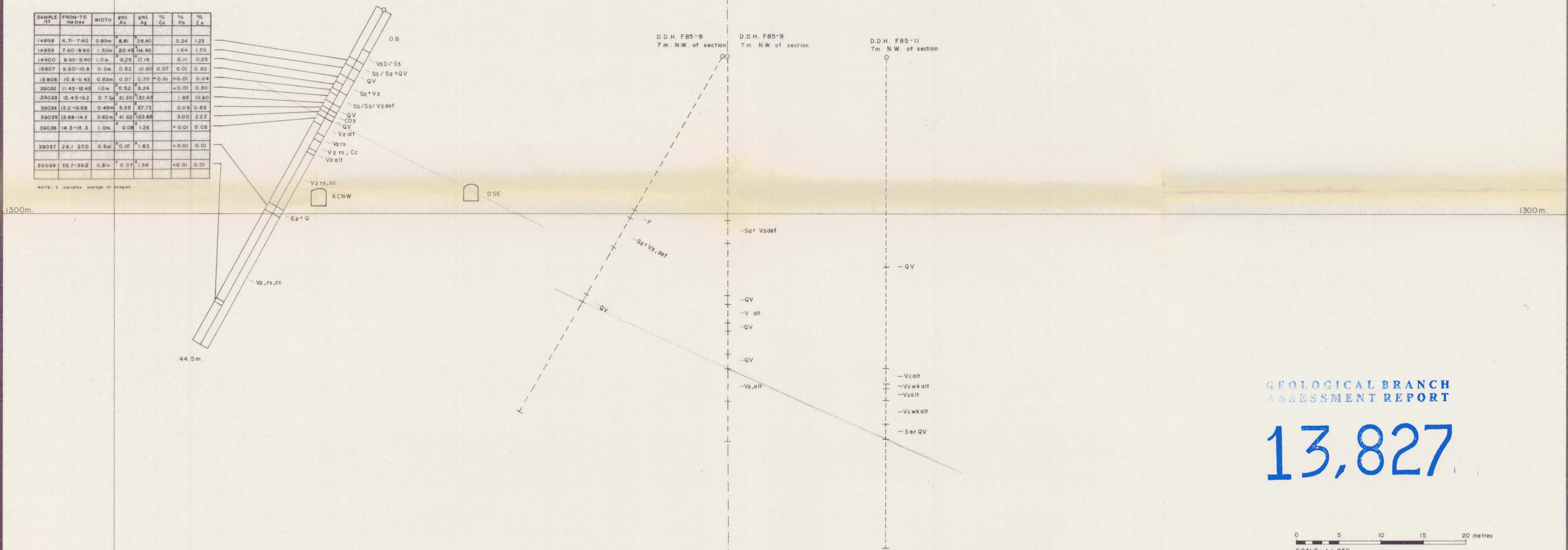
B.L.  
10,000 E.

1985 Reference Line

D.D.H. F85-2  
9997 N.; 10,031 E.  
1323.7m  
-61° at 219°

SAMPLE #	FROM-TO metres	WIDTH	gmt. Au	gmt. Ag	% Cu	% Pb	% Zn
14898	6.71-7.60	0.89m	8.61	38.40	0.24	1.23	
14899	7.60-8.90	1.30m	20.48	14.86	1.64	1.70	
14900	8.90-9.90	1.0m	0.26	17.16	0.11	0.25	
15807	9.90-10.8	0.9m	0.62	10.90	0.07	0.62	
15808	10.8-11.43	0.63m	0.07	0.70	<0.01	0.04	
39032	11.43-12.43	1.0m	0.52	3.34	<0.01	0.30	
39033	12.43-13.2	0.77m	21.20	32.42	1.85	10.80	
39034	13.2-15.68	0.48m	5.59	37.72	0.09	0.65	
39035	15.68-14.3	0.62m	31.62	163.86	3.00	2.22	
39036	14.3-15.3	1.0m	0.08	1.26	<0.01	0.05	
39037	26.1-27.0	0.9m	0.10	1.83	<0.01	0.01	
39038	39.7-39.2	0.5m	0.07	1.36	<0.01	0.01	

NOTE: 1 includes average of program



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

13,827

0 5 10 15 20 metres  
SCALE 1:250

REVISED	DOME MOUNTAIN	
DEMjr Aug. 1985	D.D.H. F85-2	
	SECTION AT 219° LOOKING NW	
PROJ. No. T.56	SURVEY BY: DEMjr	DATE: JULY 1985
N.T.S. 93L/10E	DRAWN BY: S.K.B.	SCALE: 1:250
DWG. No. Fig 5	<b>NORANDA EXPLORATION</b>	
	OFFICE: PRINCE GEORGE, B.C.	



B.L.  
10,000E

DOME MT. 1985 D.D.H. LEGEND

ROCK TYPES			
S <sub>1</sub>	CLAYSTONE	V <sub>2</sub>	ANDESITE
S <sub>2</sub>	SILTSTONE	V <sub>3</sub>	DACITE
S <sub>3</sub>	SANDSTONE	V <sub>4</sub>	RHYOLITE
QV	QUARTZ VEIN		

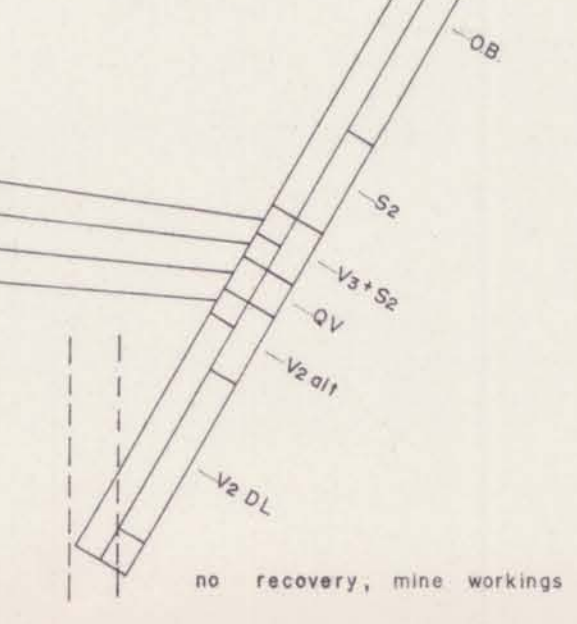
  

alt	altered	frag	Fragments
bed	bedded	gr	green
Bx	breccia	mod	moderately
Cc	calcite, limy	O.B.	overburden
Chl	chlorite	Q	quartz
CO <sub>3</sub>	carbonate	rs	red spotted
cr	chrome mica	ser	sericite
D	tuff	s	sulfides
def	deformed	/	slash means "to" e.g. V <sub>3</sub> /V <sub>4</sub> = dacite to rhyolite
DL	lapilli tuff	wk	weakly
Ep	epidote	wh	weathered
F	fault	mr	maroon
	ground or missing core		

D.D.H. F85-3  
9981 N. ; 10,039 E.  
EL. 1329.5m  
-60° at 219°

N# 4 Tunnel

SAMPLE N#	FROM-TO metres	WIDTH	gmt. Au	gmt. Ag	% Cu	% Pb	% Zn
39039	12.7-13.7	0.8m	0.17	14.10		0.27	0.43
39040	13.7-14.6	0.9m	0.31	72.0		0.30	0.60
39041	14.6-15.81	1.2m	1.78	9.30		0.09	0.23
39042	15.81-16.81	1.0m	2.19	6.90		0.09	0.23

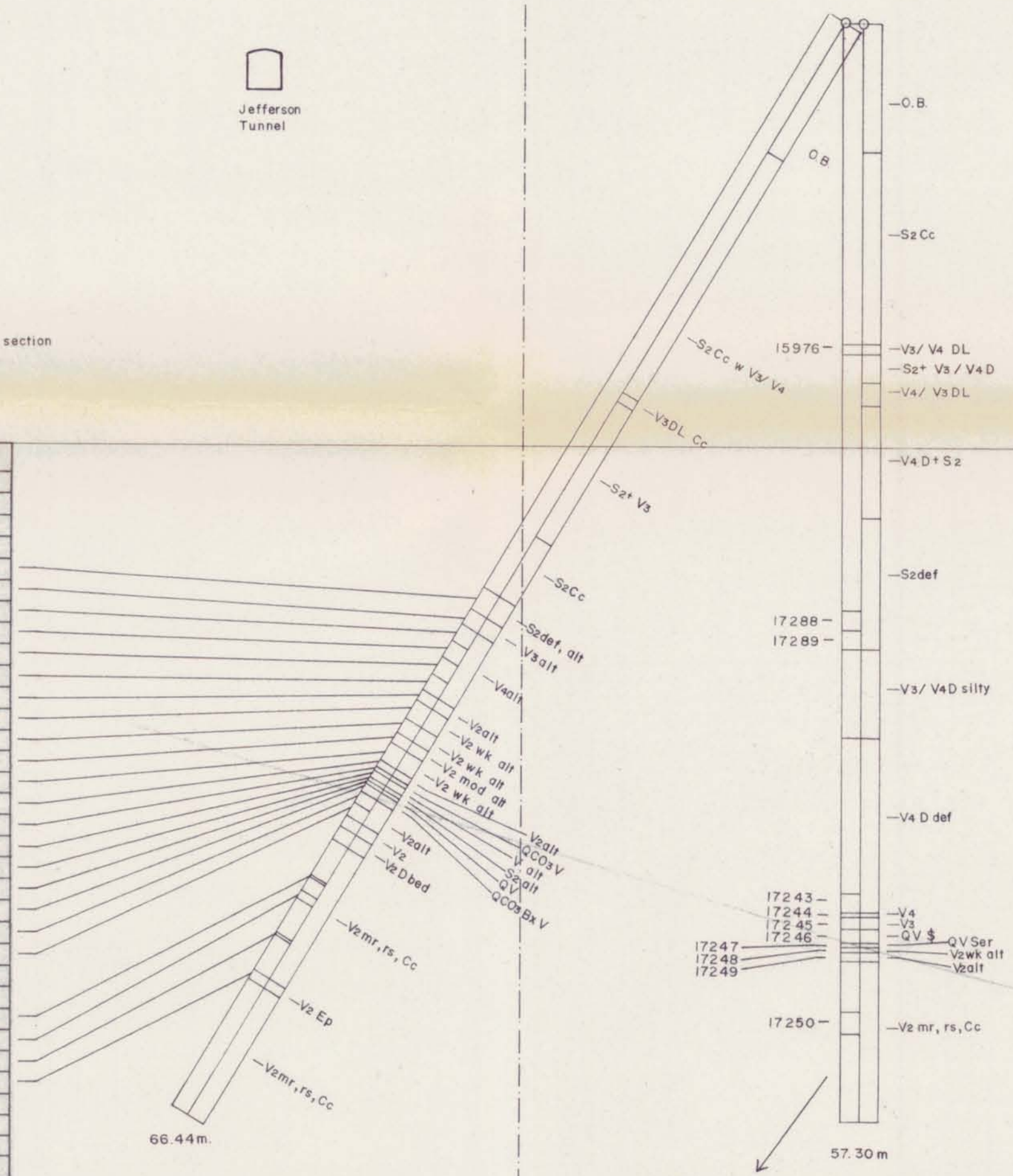


25.6m. XCNW  
6m N.W. of section DSE

3m. N.W. of section  
D.D.H. F85-15  
9994.3N. ; 10,090E.  
EL. 1322.1m.  
-59° at 219°

3m. N.W. of section  
D.D.H. F85-16  
9994.4N. ; 10,090.8E.  
EL. 1322.1m.  
-90°

8.6m. S.E. of section  
D.D.H. F85-20



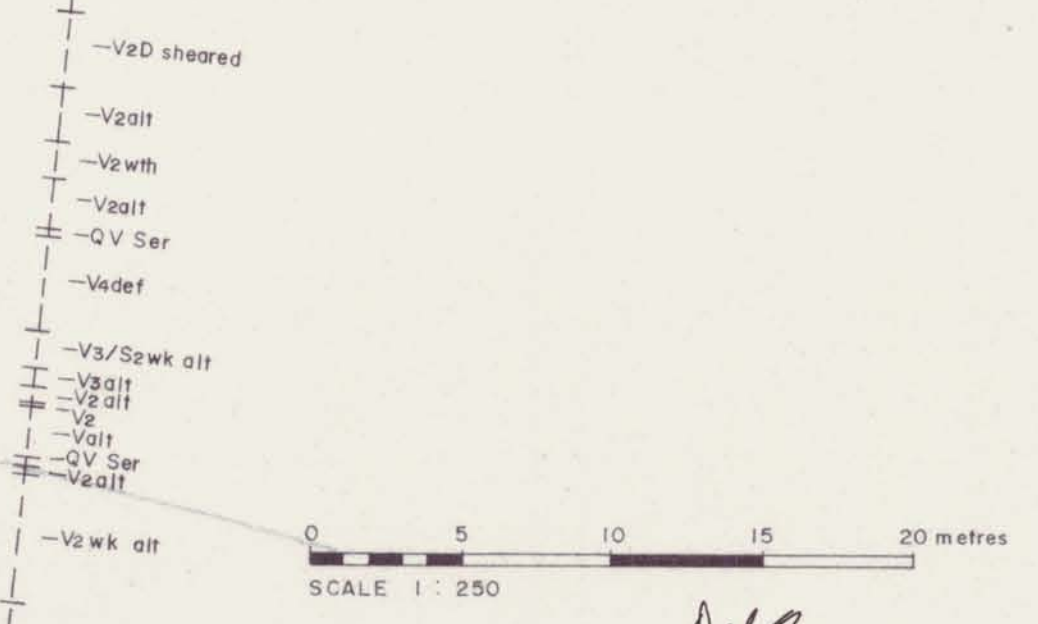
SAMPLE N#	FROM-TO metres	WIDTH	gmt. Au	gmt. Ag	% Cu	% Pb	% Zn
17287	35.0-36.3	1.3m	0.10	4.1			
17221	36.3-37.2	0.9m	0.17	14.7			
17222	37.2-38.2	1.0m	0.07	2.1			
17223	38.2-39.2	1.0m	0.07	1.0			
17224	39.2-40.2	1.0m	0.07	1.4			
17225	40.2-41.2	1.0m	0.17	0.7			
17226	41.2-41.8	0.6m	0.07	0.7			
17227	41.8-42.9	1.1m	0.07	0.7			
17228	42.9-43.8	0.9m	0.07	1.0			
17229	43.8-44.4	0.6m	0.10	0.7			
17230	44.4-45.4	1.1m	0.10	1.0			
17231	45.4-45.92	0.42m	0.07	0.7			
17232	45.92-46.11	0.19m	0.07	1.7			
17233	46.11-46.50	0.39m	0.07	1.0			
17234	46.50-46.68	0.18m	0.07	0.7			
17235	46.68-46.91	0.23m	9.87	24.3			
17236	46.91-47.43	0.52m	0.07	1.4			
17237	47.43-48.1	0.67m	0.07	1.7			
17238	48.1-48.9	0.80m	0.07	0.7			
17239	52.5-52.6	0.10m	0.07	0.7			
17240	53.37-53.9	0.53m	0.07	0.7			
17241	56.02-56.16	0.14m	0.17	0.7			
17242	58.2-58.8	0.60m	0.07	1.4			

D.D.H. F85-16

SAMPLE N#	FROM-TO metres	WIDTH	gmt. Au	gmt. Ag	% Cu	% Pb	% Zn
15976	16.7-17.15	0.45m	0.51	3.8			
17288	30.6-31.6	1.00m	0.31	16.8			
17289	31.6-32.6	1.00m	0.10	1.0			
17243	45.35-46.35	1.00m	0.07	0.7			
17244	46.35-46.48	0.13m	0.07	1.4			
17245	46.48-47.14	0.66m	0.07	1.0			
17246	47.14-47.90	0.76m	6.27	23.3			
17247	47.90-48.10	0.20m	0.07	1.0			
17248	48.10-48.35	0.25m	0.07	0.7			
17249	48.35-48.90	0.45m	0.10	3.8			
17250	48.90-37.30	1.10m	0.07	0.7			

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

13,827



REVISED	DOME MOUNTAIN	
DEMjr. Aug. 1985	D.D.H. F85-3, 15, 16	
	SECTION AT 219° LOOKING N.W.	
PROJ. No. T.56	SURVEY BY: DEMjr.	DATE: JULY, 1985
N.T.S. 93L/10E	DRAWN BY: S.K.B.	SCALE: 1:250
DWG. No. Fig 6	<b>NORANDA EXPLORATION</b>	
	OFFICE: PRINCE GEORGE, B.C.	



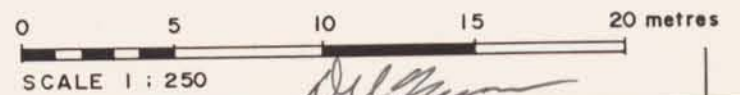
D. D.H. F85-4  
9,942 N. ; 9,999.4E  
1346.7 m.  
- 50° at 321°



1300 m.

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

13,827



REVISED	<b>DOME MOUNTAIN</b>	
DEMjr Aug./85	D. D.H. F85 - 4	
	SECTION AT 320° LOOKING SW.	
PROJ.No. T56	SURVEY BY: DEMjr	DATE: JULY 1985
N.T.S. 93L/10E.	DRAWN BY: S.K.B.	SCALE: 1:250
DWG.No.	<b>NORANDA EXPLORATION</b>	
FIG-7	OFFICE: PRINCE GEORGE, B.C.	



B.L.  
10,000E.

D.D.H. F85-5  
9964.5 N ; 10082 E.  
1336.5 m.  
-60° at 219°

DOME MT. 1985 D.D.H. LEGEND

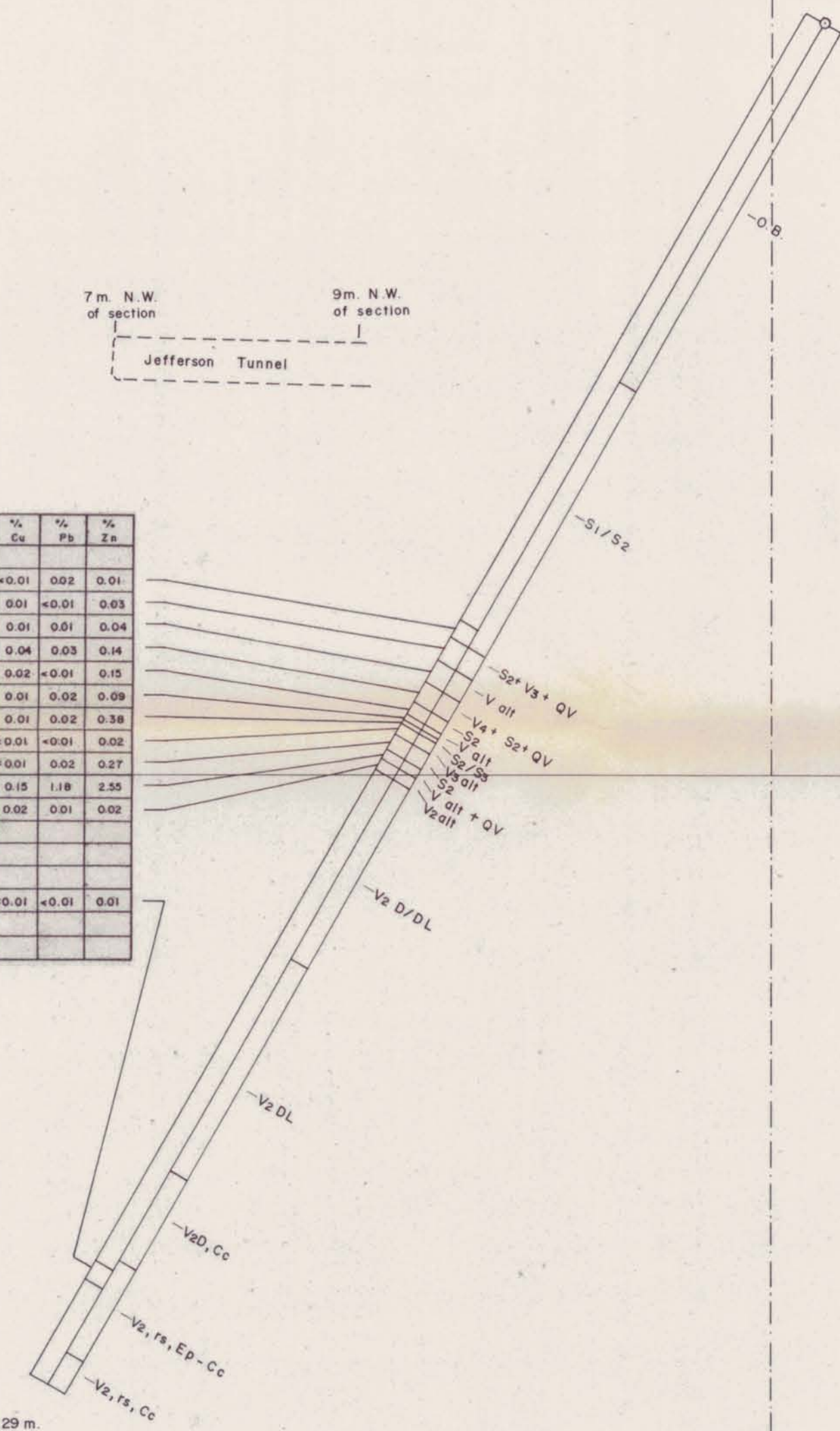
ROCK TYPES			
S1	CLAYSTONE	V2	ANDESITE
S2	SILTSTONE	V3	DACITE
S3	SANDSTONE	V4	RHYOLITE
QV	QUARTZ VEIN		

alt	altered	frag	Fragments
bed	bedded	gr	green
Bx	breccia	mod	moderately
Cc	calcite, limy	O.B.	overburden
chl	chlorite	Q	quartz
COs	carbonate	rs	red spotted
cr	chrome mica	ser	sericite
D	tuff	S	sulfides
def	deformed	/	slash means "to" e.g. V2/V4 = dacite to rhyolite
DL	lapilli tuff	wk	weakly
Ep	epidote	wth	weathered
F	fault		

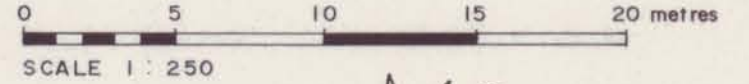
ground or missing core

SAMPLE N°	FROM-TO metres	WIDTH	gmt. Au	gmt. Ag	% Cu	% Pb	% Zn
39201	33.8-34.8	1.0m	0.34	5.10	+0.01	0.02	0.01
39202	34.8-36.11	1.31m	0.07	5.80	0.01	+0.01	0.03
39203	36.11-37.3	1.19m	+0.07	2.70	0.01	0.01	0.04
39204	37.3-38.4	1.1m	+0.07	9.30	0.04	0.03	0.14
39205	38.4-39.07	0.67m	0.27	3.40	0.02	+0.01	0.15
39206	39.07-39.45	0.38m	0.10	3.40	0.01	0.02	0.09
39207	39.45-39.6	0.15m	0.07	2.10	0.01	0.02	0.38
39208	39.6-40.25	0.65m	+0.07	0.70	+0.01	+0.01	0.02
39209	40.25-41.4	0.85m	0.45	2.70	+0.01	0.02	0.27
39210	41.4-41.6	0.5m	5.01	47.30	0.15	1.18	2.55
39211	41.6-42.2	0.6m	+0.07	1.40	0.02	0.01	0.02
39212	69.5-70.5	1.0m	0.07	0.7	+0.01	+0.01	0.01



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

13,827



REVISED	DOME MOUNTAIN	
DEMjr Aug., 1985	D.D.H. F85-5	
	SECTION AT 219° LOOKING N.W.	
PROJ. No. T.56	SURVEY BY: DEMjr	DATE: JULY, 1985
N.T.S. 93L/10E	DRAWN BY: S.K.B.	SCALE: 1:250
DWG. No.	NORANDA EXPLORATION	
Fig 8	OFFICE: PRINCE GEORGE, B.C.	



DOM E MT. 1985 D.D.H. LEGEND

ROCK TYPES			
S1	CLAYSTONE	V2	ANDESITE
S2	SILTSTONE	V3	DACITE
S3	SANDSTONE	V4	RHYOLITE
QV	QUARTZ VEIN		
alt	altered	frag	Fragments
bed	bedded	gr	green
Bx	breccia	mod	moderately
Cc	calcite, limy	O.B.	overburden
Chl	chlorite	Q	quartz
CO3	carbonate	rs	red spotted
cr	chrome mica	ser	sericite
D	tuff	S	sulfides
def	deformed	/	slash means "to" e.g. V3/V4 = dacite to rhyolite
DL	lapilli tuff		
Ep	epidote	wk	weakly
F	fault	wth	weathered
	ground or missing core		

1:10,000 N

D.D.H. F85-10  
9,943 N, 9980.5E.  
1347.3 m.  
-80° at 321°

D.D.H. F85-7  
abandoned at 4.27 m.

D.D.H. F85-6  
9,944 N, 9980E.  
1347.3 m.  
-50° at 321°

SAMPLE No.	FROM-TO metres	WIDTH	gnt. Au	gnt. Ag	% Cu	% Pb	% Zn
15875	19.8-20.8	1.0m	<0.07	3.40	<0.01	0.02	0.03
15826	20.8-21.5	0.8m	4.46	38.70	0.06	0.30	2.17
15827	21.5-22.3	0.8m	0.51	11.70	0.04	0.02	1.56
15828	22.3-22.8	0.5m	5.11	11.6	0.04	0.09	1.50
15829	22.8-24.0	1.2m	0.65	3.40	0.01	0.04	0.27
15830	24.0-24.55	0.55m	0.09	1.70	<0.01	<0.01	0.04
15831	24.55-25.45	0.9m	<0.07	0.70	<0.01	<0.01	0.01
15832	63.1-63.34	0.24m	<0.07	<0.07	<0.01	<0.01	<0.01

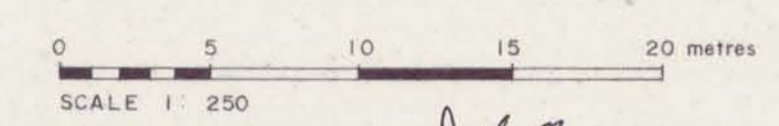
SAMPLE No.	FROM-TO metres	WIDTH	gnt. Au	gnt. Ag	% Cu	% Pb	% Zn
15779	21.03-22.0	0.97m	0.34	12.30	0.02	0.32	0.50
15778	22.0-23.0	1.00m	0.21	5.80	0.03	0.30	0.54
15780	23.0-24.0	1.00m	0.15	0.70	<0.01	0.02	0.09
15781	24.0-24.75	0.75m	0.07	<0.70	<0.01	0.01	0.06
15782	24.75-25.27	0.52m	4.97	12.70	0.02	0.20	1.46
15783	25.27-26.3	1.03m	0.07	1.0	<0.01	0.01	0.01
15784	34.6-35.6	1.0m	0.07	7.90	0.05	<0.01	0.02

1300m

1300m

GEOLOGICAL BRANCH  
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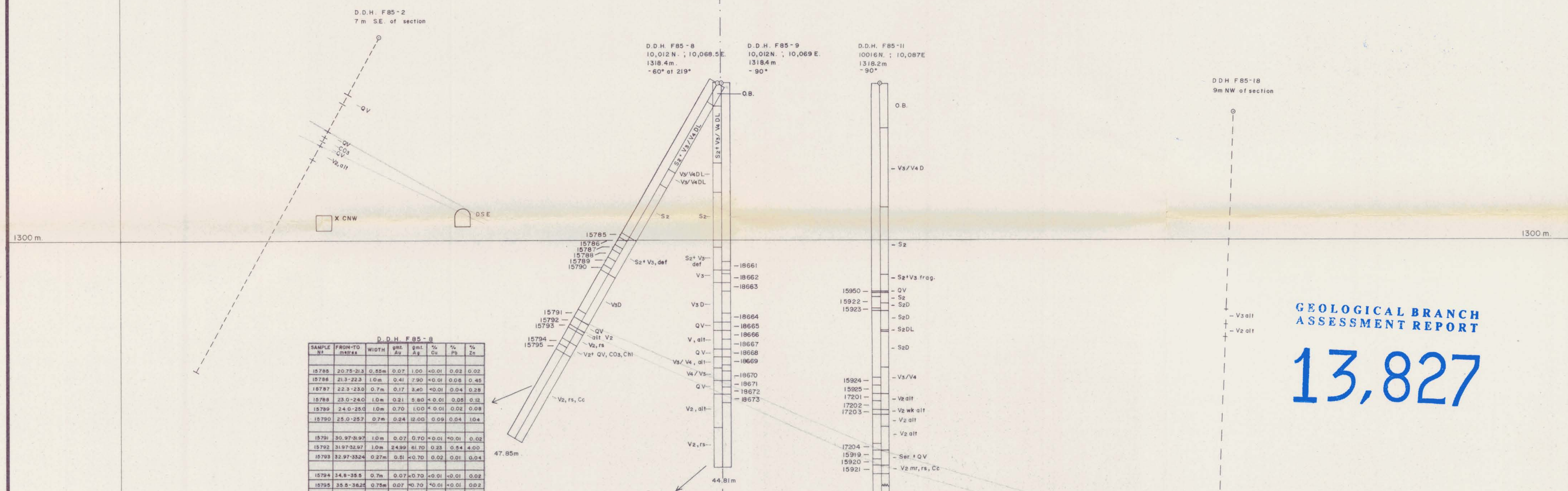
REVISED	DOM E MOUNTAIN	
DEM Jr Aug, 1985	D.D.H. F85-6, 7, 10	
	SECTION AT 321° LOOKING S.W.	
PROJ. No. T.56	SURVEY BY: DEM Jr	DATE: JULY, 1985
N.T.S. 93 L/10E	DRAWN BY: S.K.B.	SCALE: 1:250
DWG. No. Fig 9	NORANDA EXPLORATION	
	OFFICE: PRINCE GEORGE, B.C.	



DOME MT. 1985 D.D.H. LEGEND

ROCK TYPES			
S <sub>1</sub>	CLAYSTONE	V <sub>2</sub>	ANDESITE
S <sub>2</sub>	SILTSTONE	V <sub>3</sub>	DACITE
S <sub>3</sub>	SANDSTONE	V <sub>4</sub>	RHYOLITE
QV	QUARTZ VEIN		
alt	altered	frag	fragments
bed	bedded	gr	green
bx	breccia	mod	moderately
Cc	calcite, limy	O.B.	overburden
Chl	chlorite	Q	quartz
CO <sub>3</sub>	carbonate	rs	red spotted
cr	chrome mica	ser	sericite
D	tuff	S	sulfides
def	deformed	/	slash means "to" e.g. V <sub>2</sub> /V <sub>4</sub> = dacite to rhyolite
DL	lapilli tuff	wk	weakly
Ep	epidote	wh	weathered
F	fault	mr	maroon
	ground or missing core		

B.L. 10,000 E.



D.D.H. F85-8

SAMPLE N°	FROM-TO metres	WIDTH	gmt Au	gmt Ag	% Cu	% Pb	% Zn
15785	20.75-21.3	0.55m	0.07	1.00	<0.01	0.02	0.02
15786	21.3-22.3	1.0m	0.41	7.90	<0.01	0.08	0.45
15787	22.3-23.0	0.7m	0.17	3.40	<0.01	0.04	0.28
15788	23.0-24.0	1.0m	0.21	5.80	<0.01	0.05	0.12
15789	24.0-25.0	1.0m	0.70	1.00	<0.01	0.02	0.08
15790	25.0-25.7	0.7m	0.24	12.00	0.09	0.04	1.04
15791	30.97-31.97	1.0m	0.07	0.70	<0.01	<0.01	0.02
15792	31.97-32.97	1.0m	2.499	81.70	0.23	0.54	4.00
15793	32.97-33.24	0.27m	0.81	<0.70	0.02	0.01	0.04
15794	34.8-35.5	0.7m	0.07	<0.70	<0.01	<0.01	0.02
15795	35.5-36.25	0.75m	0.07	<0.70	<0.01	<0.01	0.02

D.D.H. F85-9

SAMPLE N°	FROM-TO metres	WIDTH	gmt Au	gmt Ag	% Cu	% Pb	% Zn
18661	20.8-21.8	1.0m	0.07	8.20	0.01	0.29	0.66
18662	22.3-23.31	1.0m	<0.07	14.70	0.01	0.40	0.21
18663	23.31-24.3	1.0m	0.17	3.10	<0.01	0.05	0.07
18664	26.9-27.9	1.0m	<0.07	4.50	0.02	0.02	0.10
18665	27.9-28.8	0.9m	0.34	7.20	0.02	0.03	0.32
18666	28.8-29.9	1.1m	<0.07	1.00	<0.01	<0.01	0.02
18667	29.9-31.0	1.1m	<0.07	1.00	<0.01	<0.01	0.07
18668	31.0-31.9	0.9m	29.14	90.00	0.34	0.84	3.30
18669	31.9-32.9	1.0m	0.07	8.80	0.03	0.08	0.07
18670	32.7-34.7	1.0m	0.07	1.40	0.01	<0.01	0.02
18671	34.7-35.5	0.8m	10.800	158.80	0.38	1.75	4.30
18672	35.5-36.3	0.8m	33.91	77.80	0.37	1.41	6.25
18673	36.3-37.3	1.0m	0.58	0.70	0.01	0.01	0.06

D.D.H. F85-11

SAMPLE N°	FROM-TO metres	WIDTH	gmt Au	gmt Ag	% Cu	% Pb	% Zn
15950	24.4-24.5	0.10m	0.21	0.7			
15922	25.0-26.25	1.25m	0.45	0.7			
15923	26.25-26.6	0.35m	<0.07	1.0			
15924	34.25-35.25	1.00m	0.10	1.0			
15925	35.25-36.25	1.00m	<0.07	<0.7			
17201	36.25-37.1	0.85m	<0.07	<0.7			
17202	37.1-38.1	1.00m	<0.07	<0.7			
17203	38.1-38.6	0.50m	<0.07	<0.7			
17204	42.0-42.75	0.75m	0.24	<0.7			
15919	42.75-43.75	1.00m	<0.07	2.1			
15920	43.75-44.50	0.75m	0.24	2.1			
15921	44.5-45.5	1.00m	<0.07	<0.7			

GEOLOGICAL BRANCH ASSESSMENT REPORT

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REVISED	DOME MOUNTAIN	
DEM Jr Aug. 85	D.D.H. F85-8, 9, 11	
	SECTION AT 219° LOOKING N.W.	
PROJ. No. T.56	SURVEY BY: DEM Jr	DATE: JULY, 1985
N.T.S. 93 L/10E	DRAWN BY: S.K.B.	SCALE: 1:250
DWG. No. Fig. 10	NORANDA EXPLORATION	
	OFFICE: PRINCE GEORGE, B.C.	