Diamond Drilling Assessment Report

on the

Pat Mineral Claims - Pat 1-67 and Pat 1 Fraction

GOLDSTREAM RIVER PROPERTY
51°37'N 118°25'W
82M/9W

Noranda Exploration Company, Limited (N.P.L.)

by

D.A.Schneider

September 1975

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LOCATION AND ACCESS

The Pat mineral claims which make up the Goldstream property are located on NTS map sheet 82M/9W with coordinates of 51°37'N - 118°25'W. They are situated on the south side of the Goldstream River, 12.8 Km upstream from its confluence with the Columbia River. The centre of the claims is 70.4 Km at 350° (true) from the village of Revelstoke, B.C.

Access is on logging roads, 13.12 Km east of the B.C.Department of Highways Maintenance yard at Mile 50 on the Revelstoke to Mica Dam highway.

The location of the property is shown on Figure #1, "Location Map".

PHYSIOGRAPHY

The property is situated in the Selkirk Mountains, on the south side of the westerly trending valley of the Goldstream River. The valley is typically U-shaped, has floor elevations of 600m to 650m (ASL) and is flanked on both the north and south by mountain peaks of between 2400m and 2700m (ASL).

Elevations on the claims range from 600m in the valley bottom to 1500m. The showings occur at an elevation of 945m where slopes are in the order of 18°-22°, becoming more gentle towards the river.

Climate is Interior Rain Belt, with temperatures ranging between -15°C to +30°C. Annual precipation averages 1.15m, more than half of which falls as up to 6m of snow. Below the 1200m elevation the ground is often not frozen beneath the snow.

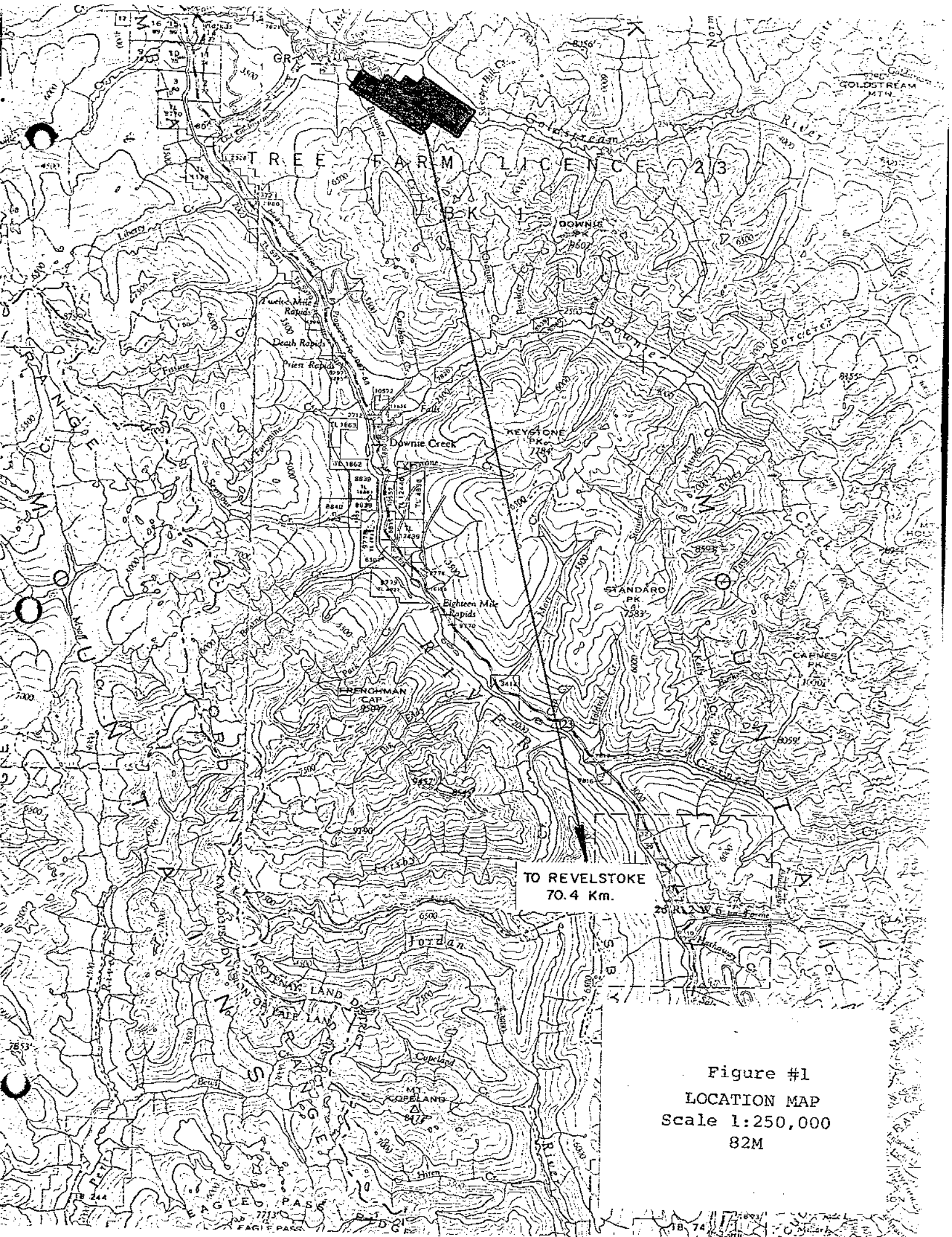

Figure #1
LOCATION MAP
Scale 1:250,000
82M

Vegetation is typical Rain Forest, tree cover being predominantly cedar with lesser hemlock, balsam and spruce. Cottonwood grows as groves in swampy sections along the river. Most trees are mature, varying in size from 0.5m to 2.0m in diameter at the base and average over 30m in height. Tree density is in the order of 75 per hectare. Large windfalls of over mature cedar are common and the underbrush is mainly prolific devilsclub. These factors along with the slope make ground traverses unpleasant and arduous.

Logging has been carried on in the general area for the past 15 years, with a "clear cut" type operation being the most common method employed. Almost all the logging has been done below the 900m elevations and approximately 40% of the claim group has been logged.

CLAIMS

The property consists of 67 full sized claims and one fractional-sized claim. The following is a list of the claims and their record numbers:

Claim Name	Record Number
Pat 1	11230
Pat 2	11231
Pat 3	11232
Pat 4	11233
Pat 5	11243
Pat 6	11244
Pat 7	11245
Pat 8	11246
Pat 9	11247
Pat 10	11248
Pat 11	11249
Pat 12	11250
Pat 13	11251
Pat 14	11252
Pat 15	11253

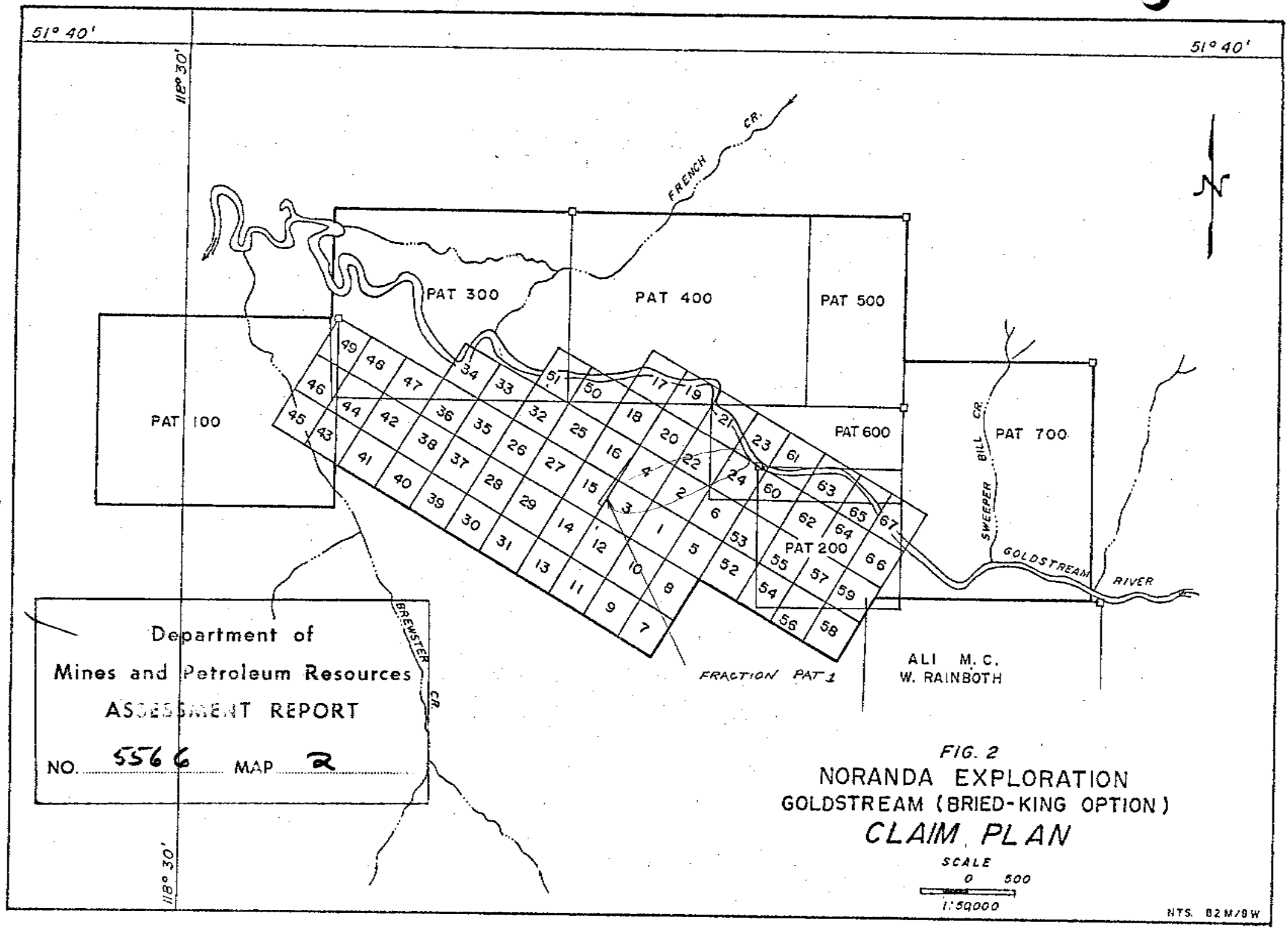

FIG. 2
NORANDA EXPLORATION
GOLDSTREAM (BRIED-KING OPTION)
CLAIM PLAN

Claim Number	Record Number
Pat 16	11254
Pat 17	11255
Pat 18	11256
Pat 19	11257
Pat 20	11258
Pat 21	11259
Pat 22	11260
Pat 23	11261
Pat 24	11262
Pat 25	11380
Pat 26	11381
Pat 27	11382
Pat 28	11383
Pat 29	11384
Pat 30	11385
Pat 31	11386
Pat 32	11412
Pat 33	11413
Pat 34	11414
Pat 35	11415
Pat 36	11416
Pat 37	11417
Pat 38	11418
Pat 1 Fr.	11387
Pat 39	11491
Pat 40	11492
Pat 41	11493
Pat 42	11494
Pat 43	11495
Pat 44	11496
Pat 45	11497
Pat 46	11498
Pat 47	11499
Pat 48	11500
Pat 49	11501
Pat 50	11502
Pat 51	11503
Pat 52	11538
Pat 53	11539
Pat 54	11540
Pat 55	11541
Pat 56	11542
Pat 57	11543
Pat 58	11544
Pat 59	11545
Pat 60	11546
Pat 61	11547
Pat 62	11548
Pat 63	11549
Pat 64	11550

Claim Name	Record Number
Pat 65	11551
Pat 66	11552
Pat 67	11553

The claim configuration is shown on Figure #2 "Claim Index Map".

WORK DONE

Between May 23, 1975 and August 20, 1975, 3230.42 meters of diamond drilling was done in twenty-five holes. A Longyear Model #38 Diesel powered diamond drill was used. Core size from all holes was BQ.

A John Deere Model #450 crawler tractor was used to move the drilling equipment and to build set-ups and skid trails. All core has been stored in racks at the camp on the property.

The diamond drilling was done on contract by H.Allen Diamond Drilling of Merritt, B.C. Two shifts per day were used as well as a two-man set-up crew. The latter necessitated by the nature of the terrain.

Drill hole deflection was measured by using both the acid-test tube method and the Tropari drill hole compass and inclinometer.

The work was carried out by W.I.Nelson and D.A.Schneider under the field supervision of L.C.Reinertson, employees of Noranda Exploration Company, Limited.

APPENDIX I - Cost Statement

NORANDA EXPLORATION COMPANY, LIMITED

STATEMENT OF COST

PROJECT: GOLDSTREAM PROPERTY

TYPE OF REPORT: Diamond Drilling

(a) Employees:

Number of days: 329

Dates worked: Between May 5 and August 28, 1975

(b) Average cost per day $ 45.36

Total cost $45.36 X 329 — $ 14,923.44

(c) Cost of food & accomodation — $ 4,374.15

(d) Cost of transportation

i. During work period

type: trucks

cost: 2,431.23

ii. To and from Claims from within B.C.

cost: 4,887.09 — 7,318.32

(e) Cost of aircraft

i. Fixed wing:

ii. Helicopter:

(f) Cost of instruments

i. Rental:

ii. Supplies

(g) Cost of geochem analysis (details attached):

(h) Cost of report preparation: 6 days @ $35.00 — 210.00

(i) Other: H.Allen Diamond Drill Contract — 111,339.39

Core rack materials — 1,314.09

Field Supplies — 605.21

Drafting supplies and services — 1,296.70

Telecommunications — 124.92

TOTAL — $141,506.22

APPENDIX II - Drill Contract

CONTRACT - REVELSTOKE JOB

BETWEEN: NORANDA EXPLORATION CO. LTD.,
1050 Davie Street, P.O. Box 2380,
Vancouver, B.C. V6B 3T5

(Hereinafter referred to as the "COMPANY" of the First Part.)

AND: H. ALLEN DIAMOND DRILLING LTD.,
Box 1397,
Merritt, B.C. VOK 2BO

(Hereinafter referred to as the "CONTRACTOR" of the Second Part.)

A. THE CONTRACTOR COVENANTS AND AGREES:

1. That all holes shall be drilled with BQ wireline equipment providing a core approximately 1 7/16" in diameter.

2. That the Contractor shall use his best endeavour to complete all holes according to the wishes of the Company, but should rock conditions prevent successful completion of the hole, the Contractor is not obliged to complete the same, but shall be paid for such incomplete holes at contract rates for the completed footage.

3. Compensation:

The Contractor shall be responsible for all dues and assessments payable under any Worker's Compensation Act or Ordinance whether Provincial or Territorial, in respect of its employees.

4. Ecology and Sanitation:

During the course of the work, the Contractor shall keep the sight of any drilling and camp site area free from accumulation of waste materials, rubbish or garbage and upon completion of the work, shall remove all tools, scaffoldings, surplus materials, rubbish and garbage and leave the working and camp site in a clean condition. The Contractor shall observe and comply with all applicable Federal and Territorial laws, regulations and orders relating to the prevention of forest fires and sanitation in the bush.

5. Contractor will supply all necessary equipment, accomodation and transportation for his crew, the Company will supply Board at $10/man/day.

6. Contractor will supply a cat for prepairing drill sites and moving the drill. Cost of this cat will be $500.00 per month plus $10.00 per hour when it is in use.

7. Contractor will pay the cost of moving between drill sites up to a distance of 1500 feet, moves beyond this distance charged to the Company.

8. Contractor will supply water to the drill at his expense up to a distance of 1,500 feet or vertical lift of 300ft. supplying water beyond these limites to be negotiated.

B. THE COMPANY COVENANTS AND AGREES:

1. That payment for the herein described work shall be $12.00 per foot for overburden and $8.25 per foot for core drilling.

2. Cementing drill holes will be charged to the Company at cost plus 10%. Cost of labour being union rates. Cost of equipment rental during cementing will be $20.00 per day.

3. Casing which is non-recoverable will be charged to the Company.

4. Cost of moving men and equipment in and out of this job also setting up camps will be $500.00.

IN WITNESS WHEREOF these presents have been executed by the parties hereto this 8 day of April A.D. 1975.

NORANDA EXPLORATION CO. LTD.

H. ALLEN DIAMOND DRILLING LTD.

APPENDIX III - Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, David Allan Schneider, of the city of Vancouver, Province of British Columbia, do certify that:

1. I am a Geologist residing in Suite #406 - 1275 West 15th Avenue, Vancouver, B.C.

2. I am a graduate of the University of British Columbia with a B.Sc. Degree (1974) in Geology.

3. I am a Member of the Canadian Institute of Mining and Metallurgy.

4. I have had four seasons experience with exploration companies.

Dave Schneider

D.A.Schneider

APPENDIX IV - Drill Logs

NORANDA EXPLORATION COMPANY, LIMITED

Collared 23/5/75	Completed 27/5/75	Core Size BQ	Property Goldstream	Project No. 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 1 of 3
Lat.	Elev.	Dip	Lat. 2108.82N	Elev. 850.77	Dip $-55^{0}46'$
Dep.	Depth	Bearing	Dep. 4999.76E	Depth 131.4 metres	Bearing $S1^{o}14'E$

Hole No. NG 1

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-5.18			Overburden - boulders of intrusive and phyllite				
5.18-6.52	90		Grey-black banded phyllite - mainly calcareous crumpling and small scale faults				
6.52-8.40	100		Grey-black banded phyllite - light grey bands cal. some siliceous - total calcareous about 5%				
8.40-8.96	100		Quartz with sparse sericite				
8.96-10.85	100		Grey-black banded phyllite-mod. calcareous				
10.85-11.50	90		Quartz.Sparse sericite.Pyrrhotite	0.5			
11.50-22.30	95		Grey-black banded phyllite,grey bands calcareous Severe crumpling in places.Phyrrhotite	Tr			
22.30-24.50	90		Light grey with thin black bands. Mainly calcareous				
24.50-26.70	100		Grey-black banded phyllite.Light grey bands calcareous.Few Pyrite cubes				
26.70-27.60	100		Banded limestone - Quartzite bands 1 cm & less Brown micaceous bands				
27.60-31.90	100		Grey-black banded phyllite,grey bands mostly calcareous. Crumpling				
31.90-32.20	50		Fault and fault gouge.5mm quartz veins. Graphite on shear planes				
32.20-33.50	90		Grey-black banded phyllite.Severe crumpling. Graphite on shear planes par. to schistosity				
33.50-33.70	50		FAULT ZONE - Graphitic fault gouge. Fault probably at 45° to core				
33.70-35.00	80		Grey-black banded phyllite - Severe crumpling. Grey bands moderately calcareous				

DATE 1-2 June/75 LOGGED BY W.I.N.

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No. 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of 3
Lat.	Elev.	Dip	Lat.	Elev.	Dip
Dep.	Depth	Bearing	Dep.	Depth	Bearing

Hole No. NG 1

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	OZ/T Ag
35.00-35.36	95		Garnet blobs in phyllite. Severe crumpling							
35.36-36.60	3		Chloritic gouge - Quartz veins. 35.4-36.6. No core - fault - very soft							
36.60-42.00	95		Fault 36.9-40.0 Pyrite-Pyrrhotite.Greenish phyllite-ser.amphibole-brown mica bands.Few							
			2-3 mm calcareous bands,Quartz 1 cm-5mm bands & blobs	0.5						
42.00-43.00	95		same but more quartz, more brown mica, more sulphides	1	0.2	P3612	1			
43.00-45.50	99		Siliceous with chloritic bands and clots phrrhotite, chalcopyrite	20	0.5	P3613	2.5			
45.50-47.85	99			15	0.5	P3614	2.35			
47.85-48.80	40		Fault breccia - siliceous and calcareous fragments in chlorite			47.85-49.2 P3660				
48.80-53.40	100		Dk banded phyllite,non calcareous-greenish pyrrhotite.Gentle crumpling 52.9-53.4 1 cm	Tr						
			quartz veins parallel to schistosity							
53.40-53.90	100		Banded phyllite - dark grey - light grey. Light grey bands calcareous in part							
53.90-54.20	95		Grey phyllite. Brown mica bands and quartz veins							
54.20-55.20	90		Grey phyllite - quartz veins 20 cm wide.Brown mica Pyrite-chalcopyrite,pyrrhotite	1	Tr	P3615	1.0			
55.20-56.20	100		Massive sulphides, Quartz eyes, chlorite clots. Pyrrhotite,chalcopyrite,covellite	50	2	P3616	1.0			
56.20-57.50	100		Massive sulphides as before. Pyrrhotite, chalcopyrite, sphalerite?	50	8	P3617	1.3			

DATE _____ LOGGED BY DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No. 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No. NG
Dep.	Depth	Bearing	Dep.	Depth	Bearing	

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	oz/T Ag
57.50-58.50	100		Grey phyllite,bands brown mica.Quartz veins par. to schistosity.Chalcopyrite in calcite vein. Disseminated pyrite	0.5	Tr	P3618	1.0			
58.50-74.30	100		Light grey with thin dark gray bands,mainly cal. Probably limestone.Layers mainly regular not much crumpling	0.5						
74.30-88.7	95		Greenish phyllite. 1 cm Qtz veins parallel to schistosity.83.5-85 brown mica. Pyrite	0.5						
88.7-89.0	100		Light grey calcareous phyllite as before							
89.0-91.40	100		Black phyllite -1cm-2cm Quartz veins.Graphitic fault at 91.0 Pyrite	1						
91.40-91.80	90		Fault gouge							
91.80-92.30	80		Black phyllite. Pyrite	0.5						
92.30-92.90	100		Pale green phyllite. Black phyllite bands							
92.90-99.70	95		Black phyllite.Graphite on schistosity planes. Crumpled in places. 8cm Quartz vein + pyrrhotite at 96.3. Pyrite	1						
99.70-100.1	90		Greenish chloritic phyllite. Pyrite	Tr						
100.1-102.0	90		Black phyllite - graphite on shear planes. Severe crumpling. 101.4-101.8 Pyrite	1						
102.0-112.4	95		Greenish phyllite - bands of black phyllite. 20cm quartz vein at 104.5 and other smaller quartz veins. Crumple at 105.8 Pyrite	1						

DATE _____ LOGGED BY _____ DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 4 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No. NG 1
Dep.	Depth	Bearing	Dep.	Depth	Bearing	

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
112.4-115.9	100		Pale grey banded phyllite, partly calcareous 112.6 1cm Qtz vein + pyrrhotite.Bands brown mica. Pyrite	0.5			
115.9-118.8	100		Green-grey banded phyllite - amphibolite. Brown mica bands. Pyrite	Tr			
118.8-131.4	100		Light grey-dark grey banded phyllite.Quartzite bands 5mm-5cm.Few green amphibole bands - few calcareous - pyrrhotite	Tr			
			HOLE ENDED AT 431 feet				
			Hole making water				
			Tro-Pari test at 8 meters S-5°E(magnetic) dip -54°				
			Tro-Pari test at 91 meters S-4°E(magnetic) dip -49°				

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared 29/5/75	Completed 1/6/75	Core Size BQ	Property Goldstream	Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 1 of 3
Lat.	Elev.	Dip	Lat. 2197.10	Elev. 818.09	Dip -55°19'	Hole No.
Dep.	Depth	Bearing	Dep. 4997.07	Depth 116.3 meters	Bearing S1°34'E	NG 2

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	oz/T Ag
0-5.49			Casing - no core							
5.49-15.00	95	7-9m 9-11	Banded phyllite, mainly black. Light grey bands often calcareous. 1cm quartzite bands. Py, Pyrr.	1		P3619 P3620	7-9m 9-11m			
		11-13m 13-15	Few specks covellite at 13.4. Chalcopyrite on fault plane at 17.4 parallel to schistosity.			P3621 P3622				
15.00-20.73			Steep schistosity at 19.5							
20.73-23.77	95		Probable fault zone. Black phyllite-calcareous bands Qtz or Quartzite bands, some crumpling	0.5						
			Solution cavities. Pyrite							
23.77-25.60			Black phyllite - some contorted - calcareous bands. Fault at 25.1-3cm breccia. Py, Pyrr.	0.5						
25.60-27.43	100		Black phyllite-few light grey calcareous bands							
27.43-27.74	90		Fault zone and probable water course. Rusty fracture parallel to core							
27.74-33.83	95		Black phyllite, about 30% light grey bands, some calcareous, some contorted. siliceous bands. Brown	0.5						
			mica bands. Pyrrhotite. Rusty fractures at 29.26 and 32.92. 45° to core							
33.83-36.88	100		Black phyllite - light grey bands, mostly calcareous. Contorted in part. Pyrrhotite	0.5						
36.88-39.93	100		same as above. Rusty fractures @ 30° to core at 37.49 and 38.41. Pyrite	0.5						
39.93-42.98	100		Same as above	0.5						
42.09-	100		Same as above	0.5						

DATE 2 June/75 LOGGED BY W.I.N.

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream		Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES			Sheet 2 of
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 2

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	oz/T Ag
42.98-46.02	100		Same as above	0.5						
46.02-49.07	90		Same as above. 46.63-47.70 Fault zone. Calcite veins	0.5						
49.07-52.12	80		Black phyllite, grey bands. 50.60-52.12 mainly broken core - graphitic shear planes. Pyrite pyrrhotite	1						
52.12-55.17	90		52.12-52.6 Broken core, graphitic shears. Black phyllite-grey bands, some contorted. 54.25-54.86 Garnet blobs 5 mm across. Pyrite, pyrrhotite	0.5						
55.17-58.22	90		Phyllite-grey bands, some siliceous, some cal. Little garnet 55.78-56.39. 56.35-56.69 Quartz Fault gouge. Graphite. Pyrite-Pyrrhotite 56.69-57.00 graphitic shear 30° to core	0.5						
			After 57.00 mainly grey phyllite							
58.22-61.26	95		Grey phyllite - banded. Garnet blobs Pyrite	Tr						
61.26-62.77	90		Grey phyllite + garnet blobs, mainly graphitic shear planes - No consistent attitude			P3623	1.50			
			Chalcopyrite on shear planes							
62.77-64.30	90		same as above			P3624	1.53			
64.30-65.52	90		Grey phyllite - garnet crystals 1-2mm across Pyrite	0.5		P3625	1.22			
65.52-65.82	100		Grey phyllite - garnet - phyyhotite - pyrite - chalcopyrite. Severe folding	10	0.1	P3626	0.30			

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of 3
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 2

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	OZ/T Ag
65.82-67.36	90		Light grey phyllite banded with 0.5mm spacing. Severe contortion. Pyrite	0.5		P3627	1.54			
67.36-70.41	80		Same as above. Pyrite	Tr						
70.41-73.15	100		Grey phyllite - soft. Pyrrhotite	0.5						
73.15-75.29	100		Quartzite? sparse mica. Some phyllite bands 74.68-75.69 Pyrite-pyrrhotite	0.5						
75.29-81.69	100		Grey phyllite, moderately soft 10 cm quartz at 78.94							
81.69-84.12	100		Light grey banded phyllite, Brown mica bands Light grey calcareous bands. Pyrrhotite	0.5						
84.12-88.39	80		Phyllite,non calcareous - brown bands							
88.39-103.63	95		88.4-88.7 calcareous bands. 88.7-20 cm quartz 88.7-103.63 limestone with dark bands.Pyrrhotite	<0.5						
103.63-105.76	75		Grey phyllite							
105.76-108.20	10		FAULT - SAND Broken up siliceous phyllite							
108.20-113.69	50		Grey phyllite, highly folded and contorted in places							
113.69-116.3	50		Black phyllite - some banded - few calcareous bands. 114.3-115.5 Fault gouge							
			END OF HOLE at 381.5 feet							
			Hole making about 20 gallons per minute water. Hit largest flow at 105.76-108.20 meters.							
			Tro-Pari test at 26.5 M bearing S4°E Magnetic Dip -55°. Couldn't go deeper because of cave in hole							

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared 2/6/75	Completed 4/6/75	Core Size BQ	Property Goldstream	Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 1 of 3
Lat.	Elev.	Dip	Lat. 2106.56	Elev. 859.97	Dip -56°11'	Hole No.
Dep.	Depth	Bearing	Dep. 4900.29	Depth 106.1 mtrs	Bearing S 180°	NG3

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-3.35	0		Casing - no core				
3.35-10.0	100		Black phyllite, contorted.Calcareous bands, siliceous bands,some brown mica. Pyrrhotite	0.5			
10.0-15.0	100		Same Pyrite,Pyrrhotite	0.5			
15.0-20.0	100		Same Pyrite,Pyrrhotite	0.5			
20.0-25.0	100		Same Pyrite,Pyrrhotite	0.5			
25.0-30.0	100		Same Pyrite,Pyrrhotite Water Course 26.5-26.9-Rusy fractures	0.5			
30.0-35.0	100		Same - less contorted. Pyrite,Pyrrhotite Quartz veins 32.2-32.2 parallel to schistosity	0.5			
35.0-36.1	100		Grey phyllite,mainly non-cal. Sheared at 45° to core @ 35.8 in bl. phyllite.35.9-36.8 in black	0.5			
			phyllite. 35.9-36.1 quartz + 1 cm pyrrhotite blob				
36.1-37.6	100		Mainly light grey calcareous - some contorted quartz veins? up to 1 cm wide Pyrite	0.5			
37.6-40.0	95		Phyllite-black with grey calcareous bands graphitic shears at 39				
40.0-40.5	95		Calcareous Graphitic shear at 40				
40.5-42.13	100		Phyllite - mainly siliceous				
42.13-42.67	95		Grey phyllite with 2 mm and larger garnet cryst. Strong graphitic shears at 42.5 Pyrrhotie	0.5			
42.67-44.0	100		Grey phyllite,sericitic. Pyrrhotite	0.5			

DATE 4/6/75 LOGGED BY W.I.N.

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream		Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES			Sheet 2 of 3
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No. NG 3
Dep.	Depth	Bearing	Dep.	Depth	Bearing	

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	oz/T Ag
44.0-45.7	100		Silicified grey phyllite							
45.7-48.0	100		Greenish grey phyllite,brown mica bands.47.25-47.85 mainly siliceous Pyrrhotite	0.5						
48.0-53.0	100		Grey phyllite - soft - few quartz veins. 51-51.5 More quartz Pyrrhotite	0.5						
53.0-56.39	100		Grey phyllite. 56-56.39 Calcareous - partly silicified. Pyrite	0.5						
56.39-57.91	100		56.39-56.99 Breccia - black matrix 56.99-57.91 Siliceous + sulphides.	5	0.5	P3628	1.52			
			Pyrite, Pyrrhotite,Chalcopyrite							
57.91-59.16	100		Siliceous + sulphides. Few garnet crystals, 2mm Pyrite,Pyrrhot.Chalcopyrite. 58.95-59.16 Breccia	5	0.5	P3629	1.25			
			same as 56.39-56.99							
59.16-60.66	100		Grey phyllite. Pyrite	0.5		P3630	1.50			
60.66-74.07	100		Limestone. 71-71.3 Quartz vein							
			HOLE STOPPED AT 248 FEET THEN DEEPENED TO 348 FEET							
74.07-77.3	100		Banded limestone - sericite bands. Sharp contact at 77.3							
77.3-81.8	100		Banded Phyllite.Green amphibole bands.Brown mica bands.silic. bands up to 10 cm. Pyrrhotite	0.5						
81.8-85.9	100		Sericitic grey phyllite,silic. bands. 10 cm Qtz vein.85.7-85.9 Calcareous. Pyrite	0.5						
85.9-86.8	100		85.9-86.3 Black banded phyllite.86.3-86.8 Grey banded phyllite.Qtz veins up to 3cm wide.Pyrite	1						

DAS

DATE LOGGED BY

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of 3
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 3

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
86.8-89.0	100		Banded phyllite-Predominantly Black bands. 88.3-88.55 Quartz. Quartz 1-2 cm wide.Pyrite on schistosity planes	1			
89.0-90.5	40		Banded black phyllite. Calcareous bands 15 cm wide				
90.5-95.4	30		Fault zone - Many graphitic shears, Quartz veins. Mainly black phyllite.94.5-95.4 grey phyllite				
95.4-99.5	100		Grey banded phyllite. 2 cm siliceous bands				
99.5-100.1	100		Quartz + minor sericite				
100.1-102.1	100		Fine banded phyllite, 1 mm bands. Pyrrhotite	0.5			
102.1-104.5	100		Phyllite. 30% brown mica bands. 70% calcareous				
104.5-105.4	100		Limestone (banded)				
105.4-106.1	100		Banded phyllite - brown mica bands				
			HOLE ENDED AT 348 FEET				
			MAJOR FLOW OF WATER FROM HOLE - STARTED IN LAST 6 METERS.				
			HOLE LOST WATER AT 63.4				
			TRO-PARI TEST 4 JUNE AT 69.5 METERS				
			DIP -53° AZIMUTH 175° (Magnetic)				

DAS

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NORANDA EXPLORATION COMPANY, LIMITED

Collared 4/6 75	Completed 5/6/75	Core Size BQ	Property Goldstream	Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 1 of 3
Lat.	Elev.	Dip	Lat. 2094.98	Elev. 850.61	Dip -56°01'	Hole No.
Dep.	Depth	Bearing	Dep. 5100.40	Depth 76.2 metres	Bearing south(180°)	NG 4

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-3.60			Casing - no core				
3.60-6.60	95		Banded phyllite,grey-light grey bands,brown mica bands.Some siliceous,some calcareous,Dissem.Py	0.5			
6.60-7.00	95		Quartz vein + sericite. Pyrrhotite	1			
7.00-10.00	100		Banded phyllite.Bands contorted and offset by small scale faults. Pyrite	0.5			
10.00-13.20	95		same. Pyrite	0.5			
13.20-14.30	95		Banded phyllite, darker than before. Pyrite	0.5			
14.30-15.80	30		Broken core - phyllite and quartz veins. Prob. fault. Drillers reported mud seam				
15.80-19.0	95		Banded phyllite. Quartz vein 15.9-16.0. Pyrite	0.5			
19.0-20.40	95		Banded Phyllite. Pyrite	0.5			
20.40-23.50	90		Black phyllite, quartz veins. contorted and sheared. Graphitic shears. Pyrite	0.5			
23.50-25.90	90		same. Pyrite	0.5			
25.90-29.0	98		Black phyllite, severely contorted. some graphitic shears, quartz veins. Pyrrhotite	0.5			
29.0-30.5	98		Grey phyllite, few garnet blobs. Brecciated. Graphitic shears. Pyrite	0.5			
30.5-32.0	95		30.5-30.9 Garnet blobs in grey phyllite. 31.6-32.0 Fault breccia. 10 cm heavy pyrrhotite	1			
32.0-33.5	95		Grey phyllite. sheared 33.0-33.3. Garnetiferous. 1 cm quartz vein				

DATE _____ LOGGED BY W.I.N.

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No. NG 4
Dep.	Depth	Bearing	Dep.	Depth	Bearing	

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	oz/T Ag	O
33.5-35.3	95		Garnetiferous dark grey phyllite. Pyrite	0.5							
35.3-36.5	98		35.3-35.8 Dark grey phyllite + quartz vein. 35.8-36.5 Calcareous phyllite	Tr							
36.5-37.2	100		Garnetiferous phyllite. Pyrrhotite bands 36.6-36.9.Pyrrhotite	2		P3631	0.7				
37.2-39.6	95		Graphitic shears & breccia 37.2-37.6.Garnetiferous phyllite.Strong graphitic shears.Chalcopyrite on shear at 39			P3632	2.4				
39.6-41.5	75		Garnetiferous phyllite,breccia and graphite shears.Pyrrhotite stringers,Chalcopyrite on shears			P3633	1.9				
41.5-43.4	100		Garnetiferous phyllite - severely contorted			P3634	1.9				
43.4-44.9	100		Garnetiferous phyllite. Pyrrhotite bands + chalcopyrite	5	0.5	P3635	1.5				
44.9-48.3	100		Limestone. Pyrite	Tr							
48.3-49.1	95		Limestone. Chalcopyrite-Pyrite	2	0.5	P3636	0.8				
49.1-49.6	100		Calcareous + Actinolite? or Tremolite. Pyrrhotite-chalcopyrite	6	2	P3637	0.5				
49.6-51.3	100		Massive sulphides - Tremolite? Pyrrhotite,chalcopyrite	50	10	P3638	1.7				
51.3-53.0	100		Tremolite? + sulphides. Pyrrhotite,chalcopyrite,sphalerite	10	3	P3639	1.7				
53.0-53.5	100		same	40	5	P3640	0.5				
53.5-54.4	100		Barren quartz			P3641	0.9				

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NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of 3
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No. NG 4
Dep.	Depth	Bearing	Dep.	Depth	Bearing	

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	oz/T Ag	oz/T
54.4-54.9	100		54.4-54.7 Quartz + sulphides.54.7-54.9 Tremolite?+sulphides.Pyrite,pyrrhotite,chalcopyrite	20	2	P3642	0.5				
54.90-56.7	90		54.90-55.1 Black phyllite.55.1-56.7 Banded phyllite,brown mica bands.Pyrite	Tr							
56.7-57.9	100		Limestone - dark grey bands.Pyrrhotite	0.5							
57.9-69.8	100		Limestone.58-58.2 Qtz vein + sericite + 0.5% pyrrhotite.Silicified sections up to 15 cm	Tr							
69.8-76.2	100		Fairly hard grey phyllite. 1 cm siliceous bands. 5 cm qtz vein. Pyrite,pyrrhotite	0.5							
			HOLE ENDED AT 250 feet								
			Casing left in								
			Hole making about 3 g.p.m. water								

DATE _____ LOGGED BY _____ DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared 6/6/75	Completed 7/6/75	Core Size BQ	Property Goldstream		Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES			Sheet 1 of
Lat.	Elev.	Dip	Lat. 2085.28	Elev. 850.61	Dip -55°25'	Hole No.
Dep.	Depth	Bearing	Dep. 5200.06	Depth	Bearing S0°28E	NG 5

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	oz/T Ag
0-4.27	0		Casing - no core							
4.27-10.3	100		Banded phyllite. contorted in placed. Pyrite dissem. 50% black, 40% calcareous, 10% sil.	0.5						
10.3-11.40	100		Banded phyllite. Pyrite dissem. 80% black 20% calcareous	Tr						
11.40-13.72	70		11.40-12.0 fault? calcite cementing breccia. Black phyllite, 20% cal.bands. Pyrite	Tr						
13.72-14.33	95		Black phyllite - calcareous bands. Graphite shear planes & chalcopyrite & pyrite	1	0.1	P3643				
14.33-15.29	45		Short & broken core. 30% calcareous bands, 70% black. shear planes. Pyrite	1						
15.29-16.46	90		Grey phyllite & breccia. 20% calcareous. Pyrite	Tr						
16.46-16.90	30		Fault breccia	0.5						
16.90-18.3	100		Mainly siliceous bands, brecciated, faulted. 10% calcareous. Garnet blobs. Pyrite	Tr						
18.3-20.0	85		Brecciated. Calcareous-siliceous. Mainly graphitic? shear planes & chalco, pyrite	1	0.2	P3644				
20.0-22.5	100		Banded phyllite - 1 mm bands. Brown mica - 38% calcareous bands. Pyrite	Tr						
22.5-23.1	95		Black chlorite & calcite + pyrite cubes	3						
23.1-24.8	100		Garnetiferous banded phyllite - garnets 1-2 mm pyrrhotite bands. 1-2 mm near 24 chalcopyrite.	10	Tr	P3645				
			pyrite disseminated - cream colored & Ca CO_3 bands							
24.8-29.8	100		Soft sericitic phyllite. disseminated pyrite-pyrrhotite	0.5						

DATE ..... LOGGED BY L.R.

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 5

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	oz/T Ag
29.8-31.0	100		Sericitic phyllite. Siliceous bands up to 12 cm pyrite and pyr	0.5						
31.0-32.0	100		Sericitic phyllite. Poorly silicified. Dissem. pyrite-pyrrhotite-chalcopyrite	3	0.5	P3646	1.00			
32.0-33.0	100		same	5	1.0	P3647	1.00			
33.0-34.15	100		same. 33.3-34.15 silicified	5	1.5	P3648	1.15			
34.15-35.55	100		Sharp contact at 34.15. Massive sulphides. Qtz blebs. Calcareous remnants. Pyrrhotite-chalcopy. 3 cm soln cavities at 35.55	40	8	P3649	1.40			
35.55-37.0	80		35.55-35.9 solf black phyllite. 35.9-37 siliceous banded phyllite. Pyrite	0.5	nil	P3650	1.45			
37.0-38.75	100		Siliceous dark grey phyllite contorted. Pyrite	0.5						
38.75-41.75	100		80% calcareous, 20% brown bands. Pyrrhotite	0.5						
41.75-42.20	90		41.75-41.9 Sericitic phyllite - limonite on fractures. 41.9-42.2 banded phyllite							
42.20-46.33	100		80% calcareous 20% cark bands. Pyrrhotite	0.5						
46.33-53.65	100		Limestone. 10% dark bands. Pyrrhotite	0.5						
53.65-61.26	100		Brown banded phyllite. Dissem. Pyrite 54.3-54.4 Qtz & pyrrhotite. 54.5-54.6 Qtz. 10 cm Qtz 56.4. Other small Qtz bands.	0.5						
			END OF HOLE AT 61.26 meters							

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of 3
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 5

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
			Casing left in				
			Tro-Pari test at 53 meters dip -53° bearing				
			172° magnetic				

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size BQ	Property GOLDSTREAM	Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 1 of
Lat.	Elev.	Dip	Lat. 2103.46N	Elev. 854.75	Dip -54°22'
Dep.	Depth	Bearing	Dep. 4800.18E	Depth 71.93 Metres	Bearing S1°10E

Hole No. NG 6

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	Ag oz/T
0-8.2	0		Casing - no core							
8.2-10.0	100		Phyllite, dark grey-brown 10% calcareous bands 10% siliceous bands, brown mica bands. Dissem. pyrrhotite	0.5						
10.0-13.5	100		Same - more calcareous							
13.5-17.3	100		Limestone with dark grey bands, 5 mm siliceous blobs. sericite on partings							
17.3-19.4	100		Phyllite - dark grey, brown, 20% calcareous bands. 10% siliceous bands.							
19.4-23.6	100		mainly calcareous, 30% dk grey & brn mica bands Siliceous bands up to 1 cm, limonite on fract.							
23.6-25.3	30		Mud seam, 10 cm calcite vein, black phyllite							
25.3-25.9	80		Black phyllite. 25.5-25.9 fault zone, graphitic shears, quartz veins.							
25.9-29.3	95		Black phyllite, 40% calcareous, graphitic shears 1 cm quartz bands, minor contortion							
29.3-29.8	95		Highly contorted black phyllite and graphite							
29.8-31.4	95		Highly contorted siliceous. minor calcareous bands. graphitic shears, pyrite, pyrrhotite	0.5						
31.4-32.0	100		Grey phyllite, siliceous, 10% calcareous bands slickensides parallel to schistosity. pyrite	0.5						
32.0-33.5	90		Siliceous bands. 15% calcareous bands. Severely contorted. Garnets 1-2 mm graphite shears. Pyrrh.	5		P3661	1.5			
33.5-35.0	100		Same. more graphitic shears. Chalcopyrite on graphitic shears. pyrrhotite	2		P3662	1.5			

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 6

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	oz/T Zn
35.0-36.5	100		Same. Garnets 1 mm -1cm. Pyrrhotite	10		P3663	1.5			
36.5-38.0	100		Siliceous bands - chlorite bands highly contorted Garnets up to 1 cm.Graphite shears.Pyrrhotite	5		P3664	1.5			
38.0-39.5	100		Same. garnets up to 2 cm. Bands seem to bend around garnets. Pyrrhotite	1		P3665	1.5			
39.5-41.0	100		Same - garnets up to 5 mm pyrrhotite	1		P3666	1.5			
41.0-42.5	95		Same - not much contorted. Chalcopyrite on graphitic shears. pyrrhotite	1		P3667	1.5			
42.5-43.0	80		Grey phyllite, badly broken core. Limonite on fractures							
43.0-44.6	95		Green amphibole? phyllite with brown mica bands limonite on fractures.mod.calcareous.pyrite	Tr						
44.6-45.8	90		Phyllite - mainly brown mica							
45.8-46.3	90		Mainly calcareous Broken core with limonite on fractures							
46.3-47.9	100		Limestone with dark bands							
47.9-50.6	50		Mainly grey sericitic phylite. 49-49.5 black phyllite. 10 cm quartz vein at 50							
50.6-51.3	95		Phyllite, bands green amphibole? and brown mica partly silicified - quartz vein? up to 4 cm wide parallel to schistosity							
51.3-54.0	100		Limestone with about 20% dark micaceous bands. Limonite stained 51.3-51.5. 53.5-53.7 non calcareous							

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NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of 3
Lat.	Elev.	Dip	Lat. / Elev.	Dip	Hole No. NG 6
Dep.	Depth	Bearing	Dep. / Depth	Bearing	

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
54.0-55.5	100		Limestone about 20% dark micaceous bands 10 cm strongly contorted at 54.3. Limonite on fract.				
55.5-60.1	100		Limestone, about 10% dark micaceous bands. Local contortion, limonite on fractures.				
60.1-61.7	100		Limestone - 10% dark bands. Severely contorted.				
61.7-67.7	90		Limestone - Calcite vein at 62.6 10% dark micaceous bands - limonite on fractures.				
			67.2-67.6 broken core				
67.6-71.93	90		Grey phyllite, 1 mm bands, brown mica. Siliceous zones or qtz stringers up to 2 cm wide at 67.7 5 cm quartz, pyrrhotite, pyrite, few specks chpy, chlorite.				
			HOLE ENDED AT 236 feet 71.93 meters				

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared 11/6/75	Completed 12/6/75	Core Size BQ	Property Goldstream	Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 1 of 3
Lat.	Elev.	Dip	Lat. 2151.14	Elev. 821.14	Dip-55°07'	Hole No.
Dep.	Depth	Bearing	Dep. 5305.35	Depth 74.06	Bearing S3°E	NG 7

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-7.9	0		Casing - no core				
7.9-14.0	95		Banded black phyllite 30% light grey calcareous bands				
14.0-17.3	100		Black phyllite, siliceous bands, minor calcar. bands.Sil. bands up to 20 cm wide. Brown mica	0.5			
			15.7-15.9 Pyrite				
17.3-17.7	90		Fault zone - gouge - graphitic shears Quartz				
17.7-18.3	100		Contorted black phyllite, minor calcareous Quartz 1 cm and less Pyrite	1			
18.3-19.7	95		Black phyllite - more calcareous,quartz up to 1 cm wide.2 mm py band at 19.25.18.7-19.0 graphitic	1			
			shears - Pyrite				
19.7-20.8	95		Grey banded phyllite - about 30% calcareous bands. Garnet 3 mm - 1 cm across. siliceous	0.5			
			bands 5 mm-2 cm. Pyrite				
20.8-21.6	90		Black phyllite - 20% calcareous bands. 10% siliceous bands. Pyrite	1			
21.6-22.5	100		Grey phyllite,20% calcareous,hard,siliceous, quartz bands up to 1 cm wide.Garnets 3 mm-2 cm				
			Quartz and other bands bend around the garnets				
22.5-23.3	100		Softer grey phyllite.Possible green pyroxene blobs and bands at 23.1. Not so many garnets as	1	Tr		
			before. Pyrite-Pyrrhotite bands,tr.chalcopyrite Quartz blobs up to 1 cm				

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NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of 3
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 7

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	oz/T Ag
23.3-24.4	100		Hard partly silicified dark grey phyllite. Calcareous bands 1-2 mm wide.Green pyroxene	1						
			bands - garnets 1-2 mm.Pyrrhotite. 10 cm Quartz at 24.3.6 cm sulphide rich band at 23.34-24.40							
24.4-25.5	90		Mainly calcareous - grey - garnets - Fault gouge 24.4-24.7 and 25.2-25.5.Pyrrhotite	0.5						
25.5-27.0	90		Mainly calcareous,some silicified garnet bands, graphitic shears, chalcopyrite on shears.Pyrrh.	2	Tr	P3651	1.5			
27.0-28.0	95		Closely banded.Mainly calcareous,siliceous bands Pyrrhotite,chalcopyrite	1	Tr	P3652	1.0			
28.0-30.0	100		Sericitic phyllite - bands partly silicified. 28.8-29.1 quartz vein? 29.1-29.5 brown mica	1		P3653	2.0			
			bands. Pyrite,Pyrrhotite							
30.0-31.0	100		Sericite-chlorite-phyllite.5 cm quartz vein at 31.85. Pyrite	0.5		P3654	1.0			
31.0-31.70	95		Silicified sericitic phyllite. Pyrite-chalcopyrite	3	0.5	P3655	0.7			
31.70-33.20	100		Mass. sulphides - pyrrhotite,chalcopyrite.Calc. and siliceous remnants.sharp contact at 31.70	60	5	P3656	1.5			
33.20-34.70	100		Same.Increased chalcopyrite 34.50-34.70.Sharp contact at 34.70	60	6	P3657	1.5			
34.70-36.30	100		Ser.phyllite,mod.silicified.34.90-35.10 black frag.Py,Pyrrh,Chalcopy.Concent.Pyrrh.36.20-36.30	5	1	P3658	1.6			
36.30-37.50	100		Dark grey banded phyllite - non calcareous.Mod. silicified.Strong slickensides 90° to core at	1		P3659	1.2			
			36.30. Pyrite							
37.5-39.4	95		Sericitic phyllite - silicous 37.5-37.8 less siliceous with brown mica. Pyrite	0.5						

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream		Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES			Sheet 3 of 3
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 7

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	oz/T Ag
39.4-45.0	100		Limestone - dark bands.42.5-45 bands brown mica. 41.70-41.90 bands black phyllite.dissem.pyrrh.	0.5						
45.0-50.3	100		Limestone - banded - few 1 cm quartz pods.brown mica bands.47.7-48 greenish non-calcareous,	Tr						
			pyrite,pyrrhotite							
50.3-50.6	100		Sharp contact at 50.3 Brown siliceous - 10% calcareous bands							
50.6-51.6	100		Mainly calcareous - dark bands (brown mica) Disseminated pyrrhotite	0.5						
51.6-56.1	100		Limestone, occasional bands brown mica and siliceous bands less than 1 cm.Disseminated	0.5						
			pyrrhotite							
56.1-60.2	100		Brown grey phyllite - non calcareous,sericitic 57-57.6 Qtz vein.Py,Pyrrh. + Tr.chalcopyrite	0.5	Tr					
60.2-66.1	98		Grey phyllite - mod.silicified.Siliceous zones 20 cm wide.Qtz veins 2-3 cm wide.Pyrite	Tr						
66.1-70.7	100		Close banded brown phyllite-bands about 1 mm. Qtz blobs 5 mm, Qtz veins 3-5 cm. 69-69.2 zone	0.5						
			of brown mica and garnets,dissem. pyrite							
70.7-71.5	100		Black phyllite - 40% calcareous bands,up to 5 cm wide.Qtz blobs.Pyrite,Pyrrhotite	1						
71.5-74.06	45		Fault zone, black phyllite and quartz veins. Graphitic shears. Pyrite	1						
			END OF HOLE AT 243 FEET							

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared 12/6/75	Completed 18/6/75	Core Size BQ	Property Goldstream	Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 1 of 5
Lat.	Elev.	Dip	Lat. 2202.55	Elev. 809.40	Dip -54°49'	Hole No.
Dep.	Depth	Bearing	Dep. 5201.95	Depth (306) 93.27	Bearing S0°58'W	NG 8

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-7.01			Casing				
7.01-8.23	100		Banded limy phyllite w/py pyrite Bands of brown mica; calcareous & siliceous bands	<0.5			
8.23-10.00	100		Same as before py & minor po Fractures infilled w/carb. & limonite	<0.5			
10.00-11.50	100		Same as before phyllite more contorted @ 10.5-11.5 also po assoc. w/contorted bands; py; black hairline frac. frac. @ 10.26 12° to core axis; @ 11.0-11.5 62° to core axis	<0.5			
11.50-13.00	100		same as before py po	<0.5			
13.00-14.50	100		Same as before i.e. alternating light-dark bands in a limy phyllite 13.0-13.5 gouge; frac. @ 14.0 50° to core axis @ 14.2 30° to core axis	<0.5			
14.50-16.00	100		same as before. frac. @ 15.0 50° to core axis; @ 15.20 20° to core axis	<0.5			
16 00-17.50	100		same as before. More sulphides present	0.5			
17.50-19.00	100		same as before	0.5			
19.00-20.50	100		same as before. contorted bands start @ 19.5 also w/some cpy? frac. @ 19.62 10° to core axis	0.5 -1			
20.50-22.00	100		Same as before. black hairline frac. expression of tension gashes? axial plane cleavage? relict bedding? forms 15° angle to schistosity lines are parallel to minor fold axis of contorted bands	0.5			
22.00-23.50	100		same as before	<0.5			

DATE 19/6/75 LOGGED BY DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of 5
Lat.	Elev.	Dip	Lat. / Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep. / Depth	Bearing	NG 8

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
23.50-25.00	100		same as before. bands contorted	0.5			
25.00-26.50	100		same as before	<0.5			
26.50-28.00	100		same as before	<0.5			
28.00-29.50	100		grey-white-brown banded phyllite contorted brn mica, siliceous & carbonate bands w/minor po and py. @ 29.23 qtz-carb vein @ 29.0 gouge	<0.5			
29.50-31.00	100		same as before	<0.5			
31.00-32.50	100		same as before	<0.5			
32.50-34.00	100		same as before w/hairline fract. infilled w/carb.	<0.5			
34.00-35.50	100		same as before	<0.5			
35.50-37.00	100		same as before frac. @ 36.14 15° to core axis	<0.5			
37.00-38.50	100		same as before; carbonate vein @ 37.16 (2½" wide) qtz-sericite-py vein @ 37.91 (3 cm wide)	<0.5			
38.50-40.00	100		qtz vein @ 38.76 (3 cm wide) w/py. same as before @ 39.06 frac. 15° from core axis w/py	<0.5			
40.00-41.50	100		same as before - contorted bands @ 39.94 qtz-sericite-py vein 45° to core axis (2½ cm wide)	<0.5			
41.50-43.00	100		same as before py po	<0.5			
43.00-44.50	100		same as before	<0.5			

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of 5
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No. NG 8
Dep.	Depth	Bearing	Dep.	Depth	Bearing	

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
44.50-46.00	95		same as before	<0.5			
46.00-47.50	75		same as before schistosity 70° to core axis	<0.5			
47.50-49.00	96		contorted after 48.0 slightly graphitic on schistosity. minor cpy in carb. vein po py cpy	<0.5			
49.00-51.50	100		contorted bands very graphitic on schistosity @ 49.36-49.47 brecc. cpy on schistosity as smears. po,py,cpy	0.5			
51.50-52.43	65		black-white banded phyllite - sooty graphite on schistosity. Schist. 70° to core axis. Predominately black bands. py,po	<0.5			
52.43-53.34	70		same as before py	<0.5			
53.34-54.50	100		not as graphitic; contorted; infilled fract. w/ qtz & carb. frac. perpendicular to schistosity	<0.5			
54.50-56.00	100		Garnet zone @ 55.5 contorted black-white & some bands green (chlorite-rich) in which a few pinky-orange garnets up to 3 mm occur. Garnet zone is siliceous. Py	<0.5			
56.00-57.50	100		@ 56.07 sharp contact garnets more prolific more green (chlorite) bands (altered brown mica-bands?) still siliceous. po	0.5			
57.50-59.00	100		Siliceous garnet-rich contorted green-black-white bands. Graphitic along schistosity w/ smears of copy-py	0.5			

DATE _____ LOGGED BY _____ DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 4 of 5
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 8

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	oz/T Ag
59.00-60.00	100		Siliceous, altered, garnet-rich, sericitic phyllite w/po bands contorted	0.5						
60.00-61.50	100		Less siliceous from 60.0-61.26 then more sil. after 61.26 brecciated? @ 61.16-61.26 po @ 61.26							
			bx-phyllite sharp contact @ 61.26 1 to core axis	0.5						
61.50-63.00	100		Pinky-brown garnet in siliceous green-grey banded phyllite? po,py	0.5						
63.00-63.61	100		same as before w/ some darker green bands po	0.5						
63.61-64.50	100		Sharp contact w/ garnet zone w/ white zone 'limestone' w/some py & sericite @ 63.61	0.5						
64.50-65.08	100		@ 64.58 colour change in limy unit(sharp) colour now green-white-brown banded phyllite	0.5						
65.08-66.50	100		@ 65.08 back into garnet zone w/ abundant po & some cpy sulphide content variable up to 10% in			P3672	1.41			
			spots; bx @ 66.0 graphitic along frac. sfc. & schistosity also cpy smears on it.po-cpy	2-3						
66.50-68.00	97		Brecciated @ 66.5 sulphides in garnet zone up to 10% in spots. siliceous. cpy & graphite			P3673	1.50			
			smeared on schistosity & frac. sfc. po-cpy	5						
68.00-69.50	100		Same as before. Sulphides increasing and then abruptly end @ 69.46 garnet zone ends @69.29	10		P3674	1.50			
69.50-71.50	100		Chlorite-sericite rich phyllite v. talcy w/py white-light green-light brown soft. py	<0.5						
71.50-72.50	100		Sericite rich same as before. More py	0.5		P3675	1.00			
72.50-74.00	100		Sulphides increasing w/depth brown mica? in calcite @ 72.9.Fibrous light green mineral @ 73.0 sulphides 1-10%. py-cpy-sph?-po	2-5		P3668	1.5			

DATE _____ LOGGED BY _____ DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 5 of 5
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 8

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	%Cu	% Zn	oz/T Ag
74.00-75.50	100		Sulphides increasing. Core is spotted w/ sulphides (10-30%). Mo,sph,cpy,po	20		P3669	1.5			
75.50-76.28	100		@ 75.63 ore becomes massive 25% cpy, 55% po.cpy,po,sph.	85		P3670	0.78			
76.28-77.00	100		@ 76.28 sharp contact. limy unit contorted 76.5-77.0. 76.28-76.5 pinky sericitic vx w/ brown mica layers?. sph;py,po	1-2		P3671	0.72			
77.00-78.50	100		po,py,sph? @ 77.85 sharp contact w/limestone & ser. unit	0.5						
78.50-80.00	100		Limestone-banded grey-brown-white w/minor sulphides;ser; bands of alt.brown mica.py	0.5						
80.00-81.50	100		same as before.py	0.5						
81.50-83.00	100		same as before.py	0.5						
83.00-84.50	100		same as before. Carb. frac. 20° to core axis @ 84.26	0.5						
84.50-86.00	100		Same as before. py	0.5		85-86 P3701	1.00			
86.00-87.50	100		same as before. py	0.5						
87.50-89.00	100		same as before. @ 88.25 altered brown mica bands. py	0.5						
89.00-90.50	100		same as before. @ 90.4 qtz vein to 90.84 @ 20° to core axis.py	0.5						
90.50-92.00	100		Sericitic limestone w/py & bands of brown mica?	0.5						
92.00-93.27	100		Same as before	0.5						

END OF HOLE @ 306 feet 93.27 Mtr.

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared 19/6/75	Completed 21/6/75	Core Size BQ	Property GOLDSTREAM		Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES			Sheet 1 of 4
Lat.	Elev.	Dip	Lat. 2207.97	Elev. 809.05	Dip -54°21'	Hole No.
Dep.	Depth	Bearing	Dep. 5286.62	Depth (287')87.48	Bearing S1°36'E	NG 9

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-10.36			Casing				
10.36-11.28	67		Black-grey-white-brown banded calcareous phyllite w/py; brown mica bands; siliceous and calcareous white bands present w/qtz augens. py	<0.5			
11.28-13.00	100		Same as before. Fract. @ 30° to core axis. py,po	<0.5			
13.00-14.50	100		Same as before. qtz vein? @ 14.29-14.32. po,py	<0.5			
14.50-16.00	100		Same as before. py,po	<0.5			
16.00-17.50	100		Same as before. py,po	<0.5			
17.50-19.00	100		Same as before, py,po	<0.5			
19.00-20.50	100		Same as before. @ 19.76 black hairline fractures. py,po	<0.5			
20.50-22.00	100		Same as before. py,po	<0.5			
22.00-23.50	100		Same as before. py,po	<0.5			
23.50-25.00	100		Same as before, py,po	<0.5			
25.00-26.50	100		Same as before. w/ some contorted bands.py,po	<0.5			
26.50-28.00	100		as above.py,po	<0.5			
28.00-29.50	100		as above.py,po	<0.5			

DATE 15/6/75 LOGGED BY W.I.N.

DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 9

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	oz/T Ag
29.50-31.00	100		Same as before limonite on frac. sfc.; py on schistosity frac. @ 30.0 35° to core axis. py	<0.5						
31.00-32.50	100		Banded phyllite same as before. frac @ 30° to core axis @ 31.12 & 31.99 carb. on frac. sfc. py,po	<0.5						
32.50-34.00	100		Same as before. qtz vein @ 33.26-33.39. py,po	<0.5						
34.00-35.50	100		Same as before. cpy-po @ 35.0,cpy,po,py	<0.5						
35.50-37.00	100		Same as before, po,py	<0.5						
37.00-38.50	100		Same as before, a little more sulphide @ 37.70 frac @ 30° to core axis, po,py	<0.5						
38.50-40.00	100		Same as before. po,py	<0.5						
40.00-41.50	100		Same as before. Frac @ 40.67 25° to core axis, po,py	<0.5						
41.50-42.50	100		Same as before.py,po	<0.5						
42.50-43.50	70		Same as before. po,py	<0.5						
43.50-45.00	100		@ 43.61 change-contorted graphitic unit w/ sulphides increasing @ 43.5,py,po	<0.5						
45.00-46.33	66		Phyllite unit contorted; graphitic along schist. few garnets (altered?) py on schistosity.po,py	<0.5						
46.33-47.00	60		Same as before. Slightly bx @ 46.94,po,py	<0.5						
47.00-48.50	100		Phyllite more siliceous sulphides variable up to 30%; graphitic. po	15-20		P3709	1.50			

DATE _____ LOGGED BY _____

AS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 9

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	oz/T Ag
48.50-49.23	100		Massive chlorite w/po and altered garnets(pinky orange) siliceous banded phyllite. po	10		P3710	.73			
49.23-51.00	100		@ 49.27 malachite banded brown-green(mica-chlorite) phyllite w/minor sulphides; limy.py	0.5						
51.00-51.36	100		Same as before. py	<0.5						
51.36-53.00	100		Massive chlorite, large garnets (pinky-orange) up to 8 mm contorted section in spots; cpy & py;			P3711	1.64			
			po>cpy & py; 51.36-52.0 po.Massive chlorite & garnet zone.po,cpy,py	10						
53.00-54.66	83		Siliceous w/some limy bands po>cpy & py contorted cpy & py in frac.15° to core axis @ 53.76.po,cpy,py	5-10		P3712	1.66			
54.66-56.00	100		Limestone w/chlorite bands and some brown mica bands also w/some qtz & sericite,py	<0.5						
56.00-57.50	100		Same as before.py	<0.5						
57.50-59.00	100		Same as before.py	<0.5						
59.00 60.50	100		Same as before. py	<0.5						
60.50-62.00	100		Same as before.@ 61.33-61.43 Qtz.po,py	<0.5		61.5-62.5 P3702	1.00			
62.00-63.50	100		Same as before.@ 62.47-62.57 Qtz.po,py	0.5		62.5-63.5 P3703	1.00			
63.50-63.80	100		Limy unit w/up to 30% sulphides.po,cpy and sph? black metallic mineral>po>cpy>py	20		P3704	.30			
63.80-65.67	100		63.8-64.85cpy>po>sph ; w/limy inclusions & 64.85-64.67 po>cpy>sph; qtz eyes,cpy,po,sph	85		P3705	1.87			
65.67-66.50	100		More siliceous banded phyllite w/40-50% sulph. po>cpy	40-50		P3706	.83			

DAS

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 4 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 9

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	oz/T Ag
66.50-67.50	100		Same except lower % sulphides po>cpy. po,cpy,py	10		P3707	1.00			
67.50-67.96	100		Limy phllite w/brown mica,green chlorite and calcareous w/some siliceous bands;sericitic,po	0.5		67.5-68.5 P3708	.46			
67.96-69.39	100		Siliceous phyllite w/brown mica,green chlorite and a few calc. bands,sericitic.po,py	<0.5						
69.39-71.00	100		Limestone? sharp contact with phyllite. predom. lt bands; very calc. & sericitic.po,py	<0.5						
71.00-72.50	100		Limestone predominately light bands w/brown mica bands & some chloritic bands; seritic,po,py	<0.5						
72.50-74.00	100		Same as before,po,py	<0.5						
74.00-75.50	100		Same as before,po,py	<0.5						
75.50-82.00	100		Same as before.po,py	<0.5						
82.00-83.72	100		Same as before. po,py	<0.5						
83.72-85.50	100		Siliceous banded phyllite?brown mica bands, chlorite (green) bands, w/siliceous bands (qtz rich) predominantly light bands.po,py	<0.5						
85.50-87.48	100		Same. po,py	<0.5						
			END OF HOLE @ 287 Feet 87.48 m.							

DATE _____ LOGGED BY _____ DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared 21/6/75	Completed 23/6/75	Core Size BQ	Property GOLDSTREAM		Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES			Sheet 1 of 3
Lat. 2200	Elev. 808'	Dip	Lat. 2197.78	Elev. 808.14	Dip -55°39'	Hole No.
Dep. 5300	Depth 260'	Bearing	Dep. 5401.49	Depth (260) 79.25	Bearing S0°48'E	NG 10

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-6.71			Casing				
6.71-8.00	100		Banded phyllite; brown mica, calcareous, sil. bands. 70% dk bands over light; po	0.5			
8.00-10.00	90		same as before; core broken; fract. splitting core in half from 7.92-10.03; carb. infilled frac; po	<0.5			
10.00-13.00	100		banded phyllite same as before. po	<0.5			
13.00-14.50	90		broken core; same as before. contorted in spots				
14.50-16.00	90		same as before @ 15.70 gouge				
16.00-17.50	100		contorted phyllite same as before. po	<0.5			
17.50-20.00	78		@ 18.79) gouge; @ 19.0-19.2 siliceous breccia; -19.0) 19.2-20.0 rich in qtz w/1% po. po	0.5			
20.00-21.50	100		more siliceous; graphitic along schistosity; phyllite. po	0.5			
21.50-23.18	100		siliceous w/the occasional garnet; po up to 1% in spots. @ 22.0-22.25 brecc; graphitic along schistosity. po	0.5			
23.18-25.00	100		contorted; siliceous; garnet zone	<0.5			
25.00-26.50	100		highly contorted; garnet zone. @ 26.05 broken core to 26.21 graphitic along frac. @ 26.21 frac. infilled w/qtz 50% to core axis	<0.5			
26.50-28.00	100		same. fewer garnets; siliceous	<0.5			

DATE 24/6/75 LOGGED BY D.A.S.

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of 3
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 10

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	oz/T Ag
28.00-29.60	95		brecciated; garnets still present; calcareous in spots. @ 28.20 breccia starts ends 29.6;granitic	<0.5						
29.60-32.00	100		green-brown-grey banded phyllite.calcareous w/ malachite brown mica,green chlorite-amphibole?	0.5						
			bands. cpy.po							
32.00-32.50	100		same as before; cpy,po,py w/malachite; calcareous	1.0	0.5	P3719	.50			
32.50-33.50	95		same as before	0.5	0.5	P3720	1.50			
33.50-35.00	100		same as before	0.5						
35.00-36.50	100		same as before not calcareous; brown-green-grey banded phyllite	0.5						
36.50-37.50	100		same as before	0.5						
37.50-38.50	100		@ 38.33 core becomes more sericitic; same as before. @ 38.46 qtz vein (1 cm wide)	0.5		P3713	1.00			
38.50-39.80	100		same as before; sericitic 39.5-39.7 breccia w/cpy. cpy,po	2	0.5	P3714	1.30			
39.80-41.21	100		calcareous. same as before? altered due to? @ 41.7 to 41.18 qtz. cpy,po	30	2	P3715	1.41			
41.21-41.38	100		massive sulphides. cpy>py& po. cpy,po	80	10	P3716	.17			
41.38-42.50	95		sericitic phyllite w/sulphides; open spaces in fract. @ 42.22. @ 41.86 carbonate vein @ 30° to	15	2	P3717	1.22			
			core axis. po,py,cpy							
42.50-43.50	98		sericitic phyllite green-brown-grey bands, non-calc. broken core from 42.7-42.9. py	0.5		P3718	1.00			

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of 3
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 10

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
43.50-45.00	100		non calcareous; sericitic phyllite. po	0.5			
45.00-46.84	100		@ 45.07 phyllite becomes highly contorted to 45.5; graphitic. same as before	<0.5			
46.84-49.00	100		calcareous w/no change in colour or texture. green-brown-grey bands. same as before. lime-	<0.5			
			stone?. py,po				
49.00-50.50	100		@ 49.36 gouge. same as before. py,po	<0.5			
50.50-57.00	95		@ 56.5 frac. @ 35° to core axis. limestone same as before. 10% dk bands. py,po	<0.5			
57.00-63.12	100		same as before. with more frac. @ 35° to core axis. py, po	<0.5			
63.12-65.23	90		unit no longer siliceous but looks same as before. w/ 10% dark bands; core broken. py,po	<0.5			
65.23-71.63	95		light coloured banded sericitic phyllite w/qtz veins. pale green,brown; non calcareous. py,po	<0.5			
71.63-77.98	95		same as before, py,po	<0.5			
77.98-79.25	100		calcareous; same as before. more sulphides than non-calcareous phyllite. py,po	<0.5			
			END OF HOLE @ 79.248 meters (260')				

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size BQ	Property GOLDSTREAM	Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 1 of 4
Lat.	Elev.	Dip	Lat. 2281.44	Elev. 795.11	Dip -54°32'
Dep.	Depth	Bearing	Dep. 5302.93	Depth 494.5	Bearing S1°23'E

Hole No. NG 11

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-9.14			Casing				
9.14-12.80	30		broken core; 50% dk bands; calcareous bands; siliceous bands & brown mica bands in phyllite	<0.5			
12.80-15.85	80		same. po	0.5			
15.85-17.50	100		60-70% dk bands; almost graphitic along shears & schistosity. po	0.5			
17.50-20.50	100		several siliceous bands @ 17.5-17.86 about 2 cm wide. same as before. po	0.5			
20.50-23.50	100		@ 23.21 qtz vein 20 cm wide 55° to core axis, po	0.5			
23.50-26.00	100		same as before. po	0.5			
26.00-32.06	100		same as before. gouge @ 30.35. po	0.5			
32.06-33.10	100		non calcareous; minor calcareous bands. banded phyllite; same as before. po	0.5			
33.10-33.50	100		black phyllite 80% dk bands; calcareous bands 20% po	0.5			
33.50-40.50	100		same as before. po	<0.5			
40.50-43.00	100		same as before. po	<0.5			
43.00-48.00	100		@ 43.03 to 43.33 qtz conformable to schistosity. 50° to core axis; @ 45.7 contorted; same as before. po	<0.5			
48.00-55.00	100		py along frac. @ 51.5 15° to core axis; same as before; 51.6 py & gouge 1 cm wide. py	<0.5			

DATE 26/6/75 LOGGED BY D.A.S.

DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 11

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	oz/T Ag
55.00-62.50	100		qtz vein (23 cm wide) unconformable to schistosity @ 61.24; po	<0.5						
62.50-65.16	100		same as before; banded phyllite 10% calc. po	<0.5						
65.16-68.00	100		black phyllite broken up by frac; more siliceous more sulphides. po	0.5						
68.00-70.41	60		broken core; graphitic along schistosity;blk phy	<0.5						
70.41-71.48	73		same as before w/ the odd garnet. py.po	0.5						
71.48-74.00	100		graphite,py on shears & schistosity; qtz vein @ 71.75 (unconformable) to schistosity; garnetiferous & slightly brecciated. po,py	0.5						
74.00-76.00	100		broken core; contorted; same as before.po,py	0.5						
76.00-77.00	100		po,py,cpy @ 77.0 po w/cpy in garnet zone-breccia zone	0.5						
77.00-77.50	80		cpy garnet zone;po w/cpy; some massive chlorite. po	0.5		P3728	1.50			
77.50-79.00	100		qtz vein @78.21(26 cm wide) in calcareous alt. phyllite; malachite @ 78.5,cpy,py,po	<0.5						
79.00-80.72	100		non calcareous; chlorite(green) grey-white banded phyllite. py	0.5						
80.72-82.66	100		garnet zone; garnets prolific w/sulphides incr. 82.5-82.66 rich in sulphides 15%;siliceous	1		82-82.66 P3729	.66			
82.66-83.92	100		non calcareous; green-grey-white banded phyllite (altered phyllite?) py,po	<0.5						
83.92-85.12	95		calcareous; same as before banded phyllite w/grey green,white bands.py,po	<0.5						

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream		Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES			Sheet 3 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 11

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	%Cu	%Zn	oz/T Ag
85.12-88.33	100		qtz vein @ 88.17 (8 cm wide) unconformable; w/ brown bands. calcareous. same as before w/bands	0.5		87.5-88.7 P3721	1.20			
			becoming lighter. py,po							
88.33-88.70	100		non-calcareous; same as before. py,po	0.5						
88.70-91.13	100		89.2-89.97 calcareous; the rest non-calcareous <py>po>sph.	20	3 Cu 3 Zn	P3722	2.43			
91.13-91.88	100		more sulphides w/ calcareous fragments.sph,cpy,po	40	4 Cu 3 Zn	P3723	.75			
91.88-93.00	100		massive sulphides po>cpy>sph (35>30>15?) w/ calcareous fragments, some qtz fragments	80	10 Cu 5Zn	P3724	2.12			
93.00-95.10	100		sulphides decreasing; w/calcareous fragments sharp contact where sulphides end.	30	4 Cu 7 Zn	P3725	2.10			
95.10-96.00	95		non calcareous to 95.89 - calcareous. 95.89-96.00; altered green (mariposite) phyllite	1		P3726	.90			
			mariposite -po should be checked for Ni content? py,po	0.5						
96.00-97.00	100		qtz vein @ 96.48; more bright green on schistosity (22 cm wide) non calcareous after 96.14.py,po	0.5		P3727	1.00			
97.00-97.69	100		sericitic phyllite,light green-brown bands,py	0.5						
97.69-103.33	100		limestone, banded w/some mica(phyllitic limestone ?) some qtz veining @ 97.80.py	<0.5						
103.33-105.50	100		same. py	<0.5						
105.5-112.32	98		same w/frac.@ 30° to core axis,py	<0.5						
112.32-113.19	100		limestone same as before w/qtz vein marking change @ 113.19 to non-cal. phyllite.py	<0.5						

DATE _____ LOGGED BY _____ DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 4 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 11

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
113.19-120.09	100		non-calcareous phyllite; green-brown-grey-white bands similary to 1st by outward appearance	<0.5			
120.09-124.82	100		same as before @ 121.10-121.26 gouge (per mealable zone) sericitic slightly	<0.5			
124.82-128.02	100		@ 127.55 limestone to 128.02; same as before	<0.5			
128.02-131.06	30		1st to 128.18 w/phyllite bands a couple of cm within; phyllite same as before; graphitic @ 128.48. py	<0.5			
131.06-132.56	25		very graphitic zone w/broken core. py	0.5			
132.56-133.50	50		same. py	1			
133.50-134.11	60		py same; w/contorted qtz bands.some brecc. present	1			
134.11-134.80	90		core more stable; 'black'phyllite. same as before except banding more pronounced. py	1			
134.80-138.38	95		phyllite; banded; non calcareous; green-brown-grey bands; w/1st bands; 1st (4cm wide); w/bl. phyllite bands same as 1st.	<0.5			
138.38-144.66	100		same as before w/ some carb. veining @ 10° to core axis. py	<0.5			
144.66-145.85	100		limestone; banded; same as before. texture coarser than phyllite. py	<0.5			
145.85-156.82	100		bands of limestone grading into phyllite; 1st and phyllite same as before. py	<0.5			
			END OF HOLE @ 514.6 feet. Major flow of water encountered at about 145 meters				

156.82 m.

DATE 26/6/75 LOGGED BY D.A.S.

DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM		Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES			Sheet 1 of 3
Lat.	Elev.	Dip -55°20'	Lat. 2267.72	Elev. 792.55	Dip -54°28'	Hole No.
Dep.	Depth	Bearing	Dep. 5373.77	Depth 93.57	Bearing S1°54'W	NG 12

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-11.58			Casing				
11.58-14.33	60		Dark banded phyllite; 20-30% calcareous;sil. bands.core 20° off being ⊥ to schistosity;	<0.5			
			brown mica bands.po				
14.33-20.15	97		same.po	<0.5			
20.15-27.25	100		Same; contorted in 1st 1.5m; several frac.20°c/a @ 23.74 qtz vein(10 cm wide) unconformable to	<0.5			
			schistosity.po				
27.25-34.52	100		same as before.po	<0.5			
34.52-41.76	100		same as before; qtz vein @ 36.95-milky w/phyll. frag.? & po. vein looks conformable to schistos	<0.5			
			frac. 15° to core axis; contorted bands.po				
41.76-49.00	100		same as before; small qtz veins (2-3 cm wide); black hair line frac.po	<0.5			
49.00-52.32	100		same as before; contorted in spots.po	<0.5			
52.32-56.50	95		gouge at 52.32; fract.;brecciated;py & po;w/the odd garnet starting 55.0	0.5			
56.50-57.00	100		silicified breccia; graphitic; po&py	0.5			
57.00-61.35	98		silicified garnet zone; more sulphides than before. garnets more prolific	<1.0			
61.35-62.36	100		calcareous 20%; not silicified; green-brown banded phyllite	0.5			

DATE 3/7/75 LOGGED BY DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of 3
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No. NG 12
Dep.	Depth	Bearing	Dep.	Depth	Bearing	

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	Cu	Zn	Ag
62.36-63.76	100		garnetiferous; graphitic along shears & schistosity. garnets (up to 1 cm wide) rounded garnets po,py	5		P3730	1.4			
63.76-65.84	100		@63.76 sharp contact; broken core; no garnets 64.67-64.79 limestone, chloritic banded phyllite; sericitic. py,po	0.5						
65.84-68.00	100		same as before; becoming more sericitic.po,py	0.5						
68.00-69.04	100		@68.07-68.20 qtz vein; gouge at 68.20 very sericitic. same as before; more sericitic than before.py,po	0.5		P3731	1.04			
69.04-69.48	100		same as before; more siliceous,cpy,py,po	1.0		P3732	0.44			
69.48-69.63	100		Sulphides increasing;sph-black metallic min.? banding still evident; calcareous bands present sph,cpy,po,py	5		P3733	0.15			
69.63-70.13	100		cpy,po,sph massive sulphides w/calcareous fragments	80		P3734	0.5			
70.13-70.97	100		Decreasing sulphides in siliceous rx w/minor calcareous fragments; qtz veining; sharp contact w/gouge at 70.97,cpy,sph?po	30		P3735	0.84			
70.97-72.09	100		Chloritic banded phyllite; non-calcareous; green-brown-grey bands.po,py	0.5		P3736	1.12			
72.09-72.62	100		same as before.py	0.5						

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NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of 3
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No. NG 12
Dep.	Depth	Bearing	Dep.	Depth	Bearing	

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
72.62-76.75	100		limestone; banded; 80% calcareous; mica along schistosity	<0.5			
76.75-76.97	100		dk non-calcareous banded phyllite; py along shears & schistosity. py	<0.5			
76.97-84.43	100		limestone; same as before. fract. 25° to core axis @ 81.30, py,po	<0.5			
84.43-90.60	100		same as before.	<0.5			
90.60-93.57	100		@ 90.80-90.95 limestone band; light banded phyllite-grey-brown green bands	<0.5			
			END OF HOLE AT 307 feet 93.57 m.				
			Tropari test: -56° Dip				
(GRID) BEARING			S2°E @ 55 feet, caving after 55 feet (16.76 meters)				

DATE _____ LOGGED BY DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 1 of 4
Lat.	Elev.	Dip	Lat. 2280.88	Elev. 794.49	Dip -53°35'
Dep.	Depth	Bearing	Dep. 5194.96	Depth 136.25	Bearing S0°53'E

Hole No. NG 13

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-5.18			Casing				
5.18-12.40	100		Siliceous dk banded phyllite w/po; some calcareous bands & fract; frac.20° to core axis. po	1			
12.40-19.81	100		Slightly more calcareous; same as before. contorted 15.5-16.96;chlorite along shears. po	1			
19.81-21.00	100		same as before; pyrite along fract. & minor cpy?. po,py	1			
21.00-22.86	27	mud	some broken core and mud in bottom of this section				
22.86-25.91	17		broken core				
25.91-29.87	98		same as before contorted phyllite; highly contorted dk banded phyllite;bl hair line fract.	1			
			pyrite on shears. po,py. black hairline fract. 55° to core axis; frac.15° to core axis.cpy?				
29.87-37.00	100		same; dk banded phyllite; qtz veining 30° to schistosity.				
37.00-40.80	100		same as before po	0.5-1			
40.80-44.96	95		mud @ 41.76 Highly contorted dk banded phyllite, py,po	1			
44.96-48.50	100		dk banded phyllite , po	1			
48.50-50.90	100		@ 48.50 carbonate vein (1 cm wide) 15° to core axis @ 49.37 qtz vein (12 cm wide) 49.49. same				
			as before; po band 2 mm wide below qtz vein. py,po,cpy?	1			
50.90-57.00	100		from 60.0-60.3 conjugate prac; fract. also 15° to core axis. same as before.	0.5			

DATE 6/7/75 LOGGED BY DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 13

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
57.00-58.69	100		57.0-57.09 qtz vein 5 cm altered phyllite on top and bottom of qtz vein.	0.5			
58.69-66.14	100		Dk banded phyllite; calcareous bands, sil.bands brown mica bands. po	0.5			
66.14-72.24	100		same as before; qtz vein @ 70.67-71.07 w/carb. frag. & infilled frac. conformable to schistosity sericitic. po	<0.5			
72.24-75.29	100		same as before	<0.5			
75.29-78.33	100		same as before frac. @ 15° to co e axis @ 75.47	<0.5			
78.33-80.91	100		same as before. po	<0.5			
80.91-83.06	60		broken core; siliceous, highly contorted drk banded phyllite;py & graphite along shears.py	0.5			
83.06-84.89	90		same as before less graphite, py	0.5			
84.89-86.26	82		same as before	0.5			
86.26-87.48	98		not as contorted. same as before. py,po	0.5			
87.48-88.39	98		frac.dk banded phyllite; py on schistosity, py	0.5			
88.39-90.53	83		~~@ 88.66 garnetiferous zone starts - gradual~~ change; siliceous; graphitic along schistosity ~~& shears. garnets up to 1 mm. po,py~~	1			
90.53-91.74	98		core broken otherwise the same,po,py,cpy?	1			
91.74-92.89	98		same as before; garnets more prolific,po,py,cpy?	1			

DATE _____ LOGGED BY _____ DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 13

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	Cu	Zn	Ag
92.89-95.32	100		less graphitic; garnet zone, py	0.5						
95.32-96.32	98		garnet zone- garnet (up to 1 cm in diameter) siliceous	2-5		P3743	1			
96.32-97.25	95		Broken core; garnet zone w/calcareous zone present, py,po	0.5						
97.25-98.52	100		garnet zone, (1 cm wide), siliceous,py,po	205		P3744	1.27			
98.52-102.57	100		pale green-banded phyllite; non calcareous,brown bands,white-grey bands;chlorite-mica?,py	1						
			101.16-101.24 silicification of above,101.35-101.47 qtz vein conformable to schistosity							
102.57-104.66	100		same as before; sericitic, py	1						
104.66-105.14	100		@ 104.66 siliceous horizon w/cpy; sharp contact. conformable to schistosity;@105.0 to 105.14 more	5	1 Cu	P3737 P3738	0.34 0.14			
			calcareous,sph,cpy,py,po							
105.14-106.53	100		Massive sulphides po 50%; cpy 20%,10% sph; siliceous & calcareous fragments	80	5 Zn 3 Cu	P3739	1.39			
106.53-107.72	100		Massive sulphides cpy 40%;po 30%;10% sph. siliceous & calcareous fragments.	80	5 Cu 5 Zn	P3740	1.13			
107.72-108.21	100		Sulphides decr; mottled-spotted appearance. @ 107.91-108.0 poor sulphide zone; brown(mica?)	25	1½ Cu	P3741	0.49			
			w/white calcareous fragments. cpy=po>sph							
108.21-108.95	100		mikly qtz vein; barren; unconformable to underlying unit also to sulphide zone above it.10°c/a							
108.95-109.49	100		dk banded phyllite w/cpy, po,py	1-2		P3742	0.54			

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 4 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 13

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
109.49-111.42	100		Light banded phyllite, non-calcareous; sil. zone @ 111.0 to 111.10 unconf. to schistosity,cpy,py	1-2			
111.42-114.91	100		Light banded limestone; contact sharp @ 111.42; 60-80% calcareous;brown mica bands	0.5			
114.91-117.20	100		@ 116.59 to 116.73 qtz vein; mica-sericite w/some cpy & po with vein; milky; same as before	0.5			
117.20-124.05	100		Limestone- lighter than before; bands not as pronounced in places; alternating zones w/bands and without	<0.5			
124.05-129.47	100		Limestone with less alternating bands of brn mica; fract. at 10°to core axis and 40°c/a	<.5			
129.47-131.67	100		130.15-130.25 limestone lens; a grey green,brn banded phyllite; sulphides associated with siliceous zones. po	<.5			
131.67-136.25	95		broken core; same as before; more sericitic.po	<.5			
			Tro-pari tests:				
			dip -53° bearing S008°E(Goldstream Grid) @ 415' (126.49 meters)				
			dip -54° bearing S4°E (Goldstream Grid) @ 215' (65.53 meters)				

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 1 of
Lat.	Elev.	Dip	Lat. 2377.72	Elev. 778.42	Dip -55°52'
Dep.	Depth	Bearing	Dep. 5204.50	Depth 172.82 m	Bearing S1°43'E
					Hole No. NG 14

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-5.79			Casing				
5.79-7.01	90		Broken core; dark grey banded phyllite; carbonate 20-30%. sulphides present; po	1			
7.01-11.28	100		dark banded phyllite; same as before. po	0.5			
11.28-14.33	100		same as before. black hairline fracts 30° to schistosity and 60° to core axis; fractures at 10° to core axis and 45° to core axis po	1			
14.33-17.37	100		Same as before but more quartz augens present. po	1			
17.37-23.47	100		Same as before; brown mica bands more noticeable	<1			
23.47-26.52	100		Same as before; minor cpy w/calcite infilled fract. @ intersection w/schistosity po along schistosity. cpy,po	<1			
26.52-32.61	100		@ 31.15-31.67 sulphides inc. to 2%; slightly more siliceous in this 0.5m; rest same as before	1			
32.61-38.71	100		same as before. po	<1			
38.71-41.76	100		@ 40.91-40.96 breccia with carbonate matrix; same as before. po	<1			
41.76-44.81	100		same as before. po	<1			
44.81-47.85	100		same as before. po	<1			
47.85-50.90	100		@ 50.45 sulphides decrease; trace of cpy; same as before. po	0.5			

DATE 8/7/75 LOGGED BY DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of 5
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 14

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
50.90-53.95	100		same as before po	0.5			
53.95-59.44	100		same as before po	0.5			
59.44-62.48	100		same as before po	1			
62.48-65.53	100		same as before po	1			
65.53-68.58	100		dk banded phyllite; same as before po	0.5			
68.58-73.84	100		same as before po	0.5			
73.84-78.03	100		Highly contorted dk banded phyllite w/black hairline fract.@ 60°to core axis; same frac. open py,po	0.5-1			
78.03-86.37	100		@ 78.04 high contorted zone ends dk banded phyllite. py,po	1			
86.37-89.92	100		@ 86.37 siliceous zone - 86.47;fract 25° to core axis cutting phyllite and partially through siliceous zone; same as before. po	0.5			
89.92-93.46	100		same as before; @ 92.5 good example of black hairline frac. occurring in conjunction to drag folding; @ 92.94 qtz vein unconformable to phyllite(qtz w/sericite).po	0.5			
93.46-100.74	100		same as before. po	<0.5			
100.74-108.36	100		same as before;tension gashes at 104.75-105.16	<0.5			

DATE _____ LOGGED BY _____ DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of 5
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 14

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
108.36-111.19	100		same as before. po	<0.5			
111.19-114.45	100		Phyllite more calcareous than before but looks the same. alternating limy zones. po	<0.5			
114.45-117.65	100		same as before. po	<0.5			
117.65-120.70	100		Dk banded phyllite w/ some conroted zones sulphides increasing slightly	0.5			
120.70-123.75	60		Py along frac; some bx; frac @ 30° to core axis; carbonate along frac; broken core. py,po	0.5			
123.75-124.97	90		broken core; some breccia; graph.along shears & schistosity				
124.97-126.03	60		Same				
126.03-127.07	90		Start of qtz veining; garnets; garnets very prolific after 128.78.graphitic along shears & schistosity.po	5			
127.07-128.78	90		Garnets up to 5 mm. same; siliceous; some calcareous bands. po	1-2			
128.78-133.25	95		Contorted bands w/prolific garnets; graphitic along shears and schistosity. siliceous; same; end of garnet zone. po	1-2			
133.25-136.09	100		Pale green brown grey phyllite w/sericite & siliceous bands.non-calcareous;carbonate in fract. 1 to schistosity in siliceous band @ 133.90. po	<0.5			
136.09-138.38	100		Same. po	0.5			

DATE _____ LOGGED BY DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 4 of
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 14

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	Cu	Zn	Ag
138.38-139.47	100		Contorted pale green phyllite increasing w/ sulphides; character of phyllite lost @ 138.66 to			P3745	1.09			
			fragments or remnants of phyllite. cpy, py	5						
139.47-141.58	90		pale green sericitic phyllite w/40 cm calcareous (20%) w/brown bands	<0.5						
141.58-142.42	95		same; minor sulphides. sharp contact @ sulphide rich zone, cpy,po,py	0.5		P3746	0.84			
142.42-144.17	100		Sulphides w/calcareous and siliceous frag. also banded contorted phyllite present in spots. 20%	50	2 Cu	P3747	1.75			
			cpy,30% po, sph?							
144.17-144.78	100		Massive sulphides w/calcareous frag. & qtz "eyes" conjugate frac.w/po along frac.40%cpy,40%po,sph?	80	4 Cu	P3749	0.61			
144.78-145.76	100		Sulphides in a contorted-mottled unit; calcareous frag. 30% cpy,15% po,5% sph	50	3 Cu	P3750	0.98			
145.76-146.00	100		Sulphides decreasing cpy>po grey banded phyllite	2-5		K2876	0.24			
146.00-147.00	100		Green-brown-grey banded phyllite w/some broken core @ 146.26-146.33 qtz vein	<0.5		K2877	1.0			
147.00-148.98	100		@ 148.75-148.84 limestone band in light grey-green banded phyllite. End of phyllite @	0.5						
			148.98; frac @ 30° to core axis. po							
148.98-158.5	100		limestone; banded; 80% calcareous.po	0.5						
158.5-161.54	100		same as before.po	0.5						
161.54-164.39	100		same as before. cpy, po	0.5						

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NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property Goldstream	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 5 of 5
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 14

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
164.39-171.71	100		Limestone with some banded areas. po	<0.5			
171.71-172.82	100		pale brown, grey phyllite. po	<0.5			
			END OF HOLE @ 172.82 meters				
			Tropari test @ 156.97 meters				
			Dip -54° bearing S5°E(Grid)				
			@ 80.77 meters dip -56° bearing S5°E (grid)				

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size BQ	Property GOLDSTREAM	Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 1 of 4
Lat.	Elev.	Dip	Lat. 2392.00	Elev. 770.76	Dip -55°08	Hole No.
Dep.	Depth	Bearing	Dep. 5306.69	Depth 161.24 m.	Bearing S2°20'W	NG 15

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-5.18			Casing				
5.18-8.23	98		Drk banded phyllite w/po; 20% calcareous;brown mica bands;calcareous & siliceous bands po	0.5-1			
8.23-11.28	100		same as before po	0.5-1			
11.28-14.33	100		same as before po	0.5-1			
14.33-17.37	100		same as before po	0.5-1			
17.37-23.47	100		@18.19 bx w/carbonate matrix(1 cm wide); same as before.@ 22.12 frac@15° c/a, same as before po	1			
23.47-29.57	100		same as before. frac. @ 29.21 35° to core axis po in frac. po	1			
29.57-32.61	100		py same as before po	1			
32.61-35.66	100		same as before po	1			
35.66-41.76	100		same as before po	1			
41.76-53.04	100		some broken core; same as before; frac.30°c/a; frac.@ 10° to core axis po	1			
53.04-56.24	100		same as before po	<1.0			
56.24-57.91	100		same as before po	<1.0			
57.91-61.11	100		same as before po	<1.0			
61.11-64.16	100		broken core near 64.16;same as before po	<1.0			

DATE 10/7/75 LOGGED BY DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 15

Footage	Rec'y	Graphic Log	Description		% Sulp.	Est. Grade	Sample No.	Lt.
4.16-7.21	100		broken core near 64.16; dk banded phyllite 20-30% calcareous	po	<1.0			
7.21-70.41	100		non calcareous; more sulphides present; still dk banded phyllite;becomes more calcareous after 69.50	po	1.0			
70.41-73.46	100		same as before	po	1.0			
73.46-76.50	100		same a before; some contortion slightly less sulphides	po	<1.0			
76.50-79.55	100		same as before		0.5			
79.55-85.65	100		same as before; frac.@ 15° to core axis	po	0.5			
85.65-90.53	100		same as before	po	0.5			
90.53-93.57	100		@ 92.95 phyllite becomes more contorted; same as before;black hairline frac.assoc w/contortion	po	0.5-1.0			
93.57-96.62	100		same as before	po	0.5-1.0			
96.62-99.67	100		less contorted; same as before; black banded phyllite frac. 45° to core axis	po	<0.5			
99.67-102.72	100		same as before; frac. 40° to core axis	po	<0.5			
102.72-105.77	100		same	po	<0.5			
105.77-108.81	100		same as before;at times more calcareous	po	<0.5			
108.81-111.86	100		same as before	po	<0.5			

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NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip
Dep.	Depth	Bearing	Dep.	Depth	Bearing

Hole No. NG 15

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	Cu	Zn	Ag
111.86-113.25	100		same as before po	<0.5						
113.25-115.67	75		black graphitic phyllite-slightly to more intense brecciation; graphitic & sometimes pyritic along shears & schistosity. carbonate in frac. py	<0.5						
115.67-117.04	98		Less graphitic; core still broken; abundant carb. infilled frac; tension gashes(?) the odd garnet present; siliceous py	<0.5						
117.04-119.79	98		core broken; garnets becoming more noticeable (up to 5mm wide); brecciated in spots w/carb. in frac.; siliceous	<0.5						
119.79-123.14	98		same; more garnets; sericitic; siliceous; less graphitic still @ 123.03-123.14 limestone lens.py	<0.5						
123.14-124.97	100		garnet zone; more sulphides;po; calcareous bands present.graphitic again along shears & schistosity	2.0		P3748	1.83			
124.97-126.80	100		@ 124.97 end of garnet zone; pale green-brown po phyllite w/siliceous zones;sericitic; no graphite	0.5						
126.80-129.17	100		same; calcareous bands near 129.17 po	<0.5						
129.17-129.84	100		limestone; banded po	<0.5						
129.84-130.89	100		@130.0 limy unit contact w/non careous phyllite phyllite pale green brown banded po	<0.5		K2878	1.05			
130.89-132.65	100		sulphides in calcareous unit; 15% cpy;15%po;10% sph	40	2 Cu 2 Zn	K2879	1.76			
132.65-132.87	100		massive sulphides;30% cpy;40%po;10%sph(?) w/some calcareous frag;sharp contact @ 132.87	80	3 Cu 2 Zn	K2880	0.22			

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NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 4 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 15

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	Cu	Zn	Ag
132.87-133.69	100		silicified unit then 80% barren quartz.sharp contact @ 133.69 cpy,po	1		K2881	0.82	.32	0.16	0.06
133.69-134.71	100		dk phyllite-banded; some calcareous bands; cpy,po	1		K2882	1.02	.32	0.03	0.08
134.71-136.62	100		pale green-brown banded phyllite;non calcareous sericitic w/some siliceous zones. po	0.5						
136.62-139.04	100		@137.69 limy bands w/phyllite;interbanded lst w/ pale green-brown-grey phyllite; the phyllite non-calcareous po	<0.5						
139.04-139.77	100		same as before po	<0.5						
139.77-145.39	100		banded limestone; 80% calcareous; py on fract. fract.40° to core axis;frac.20° to core axis. py	<0.5						
145.39-148.60	100		same po	<0.5						
148.60-149.42	100		contorted zone in banded limestone po	<0.5						
149.42-153.31	100		banded limestone py on fract. minor cpy po	<0.5						
153.31-160.80	100		non calcareous banded green-brown phyllite w/py on fract. po,py	<0.5						
160.80-161.24	100		siliceous green brown banded phyllite po	<0.5						
			END OF HOLE 529 feet (161.24 meters)							
			Acid test @ 500 feet -58° (uncorrected) 152.4m -49° (corrected)							
			@ 300 feet -58°30' (uncorrected) 91.44m -50° (corrected)							
			@ 100 feet -59°30' (uncorrected) 30.48m -51° (corrected)							

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size BQ	Property GOLDSTREAM		Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES			Sheet 1 of 4
Lat.	Elev.	Dip -55	Lat. 2400.71	Elev. 758.59	Dip -55°16'	Hole No.
Dep.	Depth	Bearing 180	Dep. 5401.95	Depth 138.99	Bearing S1°07'W	NG 16

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-6.71			Casing reamed to 22 feet				
6.10-10.67	100		dark banded phyllite; 50% dk banded; 20% calc-areous bands po,py	1			
10.67-12.70	100		same po,py	1			
12.70-17.37	100		same as before po,py	0.5-1			
17.37-26.52	100		@18.01 more brown mica bands otherwise same as before;frac.30°c/a & 35°c/a po,py	0.5			
26.52-32.05	100		same as before po,py	0.5			
32.05-33.39	100		highly contorted dk banded phyllite,brown bands, no graphite po	0.5			
33.39-35.66	100		uncontorted dk banded phyllite; same as before po,py	0.5			
35.66-38.71	100		@ 35.99-36.51 broken core-shear zone; 38.06-38.43 shear zone. brown-dk banded phyllite w/ fract & shear zones po,py	0.5			
38.71-41.76	100		dk banded phyllite; fract. at 25° to core axis po	0.5			
41.76-44.81	100		@44.34-44.78 siliceous zone; dk banded phyllite py	0.5			
44.81-47.85	100		same as before po	0.5			
47.85-57.00	100		@48.18-48.27 qtz vein barren @ bottom contact blobs of po.@50.99-51.14 shear zone; same as before po	0.5			
57.00-60.05	100		same as before po	0.5			

DATE 17/7/75 LOGGED BY D.A.S.

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 16

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
60.05-63.09	100		same as before	<0.5			
63.09-66.45	100		same; dk banded phyllite po	<0.5			
66.45-67.60	100		contorted zone in phyllite; qtz vein @67.03-67.21	<0.5			
67.60-69.19	100		dk banded phyllite same as before po	<0.5			
69.19-75.29	100		same as before po	<0.5			
75.29-76.35	100		same po	<0.5			
76.35-78.33	100		contorted zone in phyllite po	<0.5			
78.33-81.38	100		dk banded phyllite w/ black hairline fract. 68° to core axis po	<0.5			
81.38-84.43	100		same po	<0.5			
84.43-87.48	100		same po	<0.5			
87.48-90.53	100		@ 89.60 dk banded phyllite more calcareous (50%) po	<0.5			
90.53-93.57	100		to 90.81 still very limy; 90.81-90.91 breccia; dk banded phyllite po	<0.5			
93.57-96.62	75		dk banded phyllite; some broken core po	<0.5			
96.62-97.52	100		brecciated dk black phyllite;w/qtz infilled frac py	<0.5			
97.52-98.23	100		black banded phyllite w/py py	<0.5			

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 16

Footage	Rec'y	Graphic Log	Description		% Sulp.	Est. Grade	Sample No.	Lt.	Cu	Zn	Ag
98.23-99.67	100		start of garnet zone; unit more siliceous	po	<0.5						
99.67-101.34	100		garnetiferous banded phyllite w/black hairline frac; siliceous	po	0.5						
101.34-102.42	95		Black phyllite w/graphite on shears & schistocity; some broken core	po	1						
102.42-103.50	100		garnets off and on; black phyllite	po,py	5						
103.50-104.53	100		@104.00-104.15 siliceous zone in contorted phyllite; graphite on shears & schistosity	po	1						
104.53-107.15	100		@106.89-107.15 grey-white banded 1st. green brown banded non calcareous phyllite	po	<0.5						
107.15-110.46	100		garnets re-appear and become very prolific; sulphides incr. garnets up to 1cm wide	po	1						
110.46-112.00	100		pale green brown phyllite; sericitic	po	0.5						
112.00-113.05	100		same	cpy,po	0.5-1		K2883	1.05			
113.05-114.15	100		sulphides increasing, unit more siliceous phyllite	sph,cpy po	1-2		K2884	1.10			
114.15-115.24	100		siliceous; sulphides increasing w/abrupt contact @115.24 w/massive sulphides	sph,cpy,po	2		K2885	1.09			
115.24-116.50	100		calcareous fragments in sulphide matrix; some siliceous frag.40% po,30% cpy, 10% sph		80	3 Cu 3 Zn	K2886	1.26			
116.50-116.78	100		sericitic phyllite; sph, cpy, po		10		K2887	.28			
116.78-118.00	100			cpy,po	1		K2888	1.22			
118.00-118.75	100		118.09 phyllite becomes darker.sericitic slightly	cpy,po	1		K2889	.75			

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NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No. 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 4 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 16

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
118.75-119.58	100		banded limestone po	<0.5			
119.58-123.18	100		pale grey green phyllite, non calc. to siliceous po	<0.5			
123.18-130.38	100		banded limestone; 80% calcareous po	<0.5			
130.38-132.74	100		same as before po	<0.5			
132.74-135.93	100		same as before po	<0.5			
135.93-138.99	100		grey green phyllite, non calcareous po	<0.5			
			END OF HOLE AT 456' (138.99m)				
			Tropari test at 416' dip -52° (138.99m)				
			bearing S2°30'E at 35.36m 116'				
			bearing S0°30'E (grid) dip -54°				

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size BQ	Property GOLDSTREAM	Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 1 of 4
Lat.	Elev.	Dip -55	Lat. 2402.07	Elev. 752.82	Dip
Dep.	Depth	Bearing 180	Dep. 5498.44	Depth 119.79	Bearing

Hole No. NG 17

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-6.70			Casing reamed to 22 feet				
6.70-8.23	100		dk banded phyllite; 20% calcareous; 50% dark bands po	0.5			
8.23-11.28	100		same as before; at 9.61-9.64 and 9.86-9.93 conformable qtz stringers po	0.5			
11.28-14.02	100		same as before; fracture at 13.70 -15° to core axis po	<0.5			
14.02-17.22	100		same dark banded phyllite po	1			
17.22-20.27	100		same dark banded phyllite; at 19.35-19.47 contorted area of light and dk bands in phyllite	0.5			
20.27-26.52	100		same dk banded phyllite with a slight incr. in calcareous areas; fract. 23.89 15°c/a po	1			
26.52-29.57	100		same dk banded phyllite; 27.44-27.56 area dk mica bands po	1			
29.57-35.66	100		dk banded phyllite w/calcareous content 30% in areas;fract.35.41-15°c/a;py on fract. po,py	<0.5			
35.66-38.71	100		dk banded phyllite;20% calcareous;50%dk bands limestone lens 36.02-36.10 & 37.48-37.64 po,py	0.5			
38.71-41.76	100		same as before; a few qtz filled tension gashes contorted area 41.42-41.76 po	<0.5			
41.76-42.67	80		continuation of contorted area with broken core; same as before po,py	0.5			
42.67-47.85	100		dk banded phyllite; tr.py po,py	0.5			
47 85-50.29	67		same po,py	0.5			
50.29-52.43	100		fract.dk banded phyllite;carbonate in fract.; broken core gouge @ 52.10 po,py	<0.5			

DATE 21/7/75 LOGGED BY D.A.S. DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 17

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
52.43-55.47	100		dk banded phyllite w/brn bands becoming more noticeable;contorted 54.80-55.47 po,py	<0.5			
55.47-57.91	100		broken core; fract.&contorted; appears fract. before and after areas of contortion po,py	<0.5			
57.91-61.11	100		dk banded phyllite w/py along fract. po,py	<0.5			
61.11-64.31	100		@62.21-62.57 unconformable barren qtz vein; phyllite contorted adjacent to vein; black hairline fract. abundant below qtz vein po,py	<0.5			
64.31-65.91	100		dk banded phyllite w/brown bands;conjugate fract. @64.50 -fract. show displacement along schistosity po,py	<0.5			
65.91-73.61	100		same as before; black hairline fract. are prolific	<0.5			
73.61-80.34	100		same as before; several silicified bands up to 6cm wide present po	<0.5			
80.34-81.85	100		bl phyllite w/intense frac.brecciated in spots; not graphitic; sl incr. in sulphides; po along schistosity & py along frac. po,py	0.5			
81.85-84.60	100		garnet zone in contorted bl phyllite;not graphitic; garnets up to 1 cm wide; zone more siliceous than before; po,py	0.5			
84.60-85.85	95		garnets disappear; brecciated horizon; graphitic in spots still not well developed; 85.75-85.85 5% sulphides(po) po,py	0.5			
85.85-86.18	100		grey-green-brown phyllite, non-calcareous po	<0.5			

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 17

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	Cu %	Pb %	Zn %	OZ
86.18-86.96	100		limestone-banded grey; w/frac.20°c/a;po assoc. w/one frac.@20° c/a;also displacement noticed	<0.5							
			on these frac; po								
86.96-90.12	100		pale green-brown-grey banded sericitic phyllite non calcareous; py along frac. py	<0.5							
90.12-91.14	100		same as before py	<0.5		K2890	1.02				
91.14-91.56	100		mass. sulphides w/calcareous and non calcareous frag. po>cpy po 50-60% po,py	70	2 Cu	K2891	0.42				
91.56-92.75	100		highly siliceous zone; w/sulphides; schistosity lost cpy,py,po	2-3	1 Cu	K2892	1.19				
92.75-94.32	70		not as siliceous; sericit and py more prevelant; schistosity evident cpy,py,po	2	1 Cu	K2893	1.57				
94.32-96.07	75		more sulphides; resembles high sulphide content in garnet zones; high po content,low cpy;black phyllite -- contorted po,,py,cpy	5	1 Cu	K2894	1.75				
96.07-97.07	100		bl contorted phyllite; from a sericitic phyllite to bl. contorted phyllite graphitic along shears & schistosity back to a sericitic phyllite po,py	<0.5							
97.07-98.81	100		pale green-brown banded phyllite py	<0.5							
98.81-102.72	100		banded limestone w/some sericitic development py	<0.5							
102.72-108.81	100		same; bands - mica bands? py	<0.5							
108.81-111.64	100		same. end of limestone @111.64 py	<0.5							

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NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 4 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 17

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
111.64-119.79	100		py pale green-brown banded non calcareous phyllite	0.5			
			END OF HOLE @ 393 feet (119.79m)				
			Acid test @ 393 feet dip -56° (uncorrected) -46° (corrected)				
			Acid test @ 200 feet dip -59° (uncorrected) 60.96m -50°30' (corrected)				

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NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 1 of 3
Lat. 2400	Elev. 730	Dip	Lat. 2394.43	Elev. 743.43	Dip
Dep. 5600	Depth	Bearing	Dep. 5603.09	Depth 86.26	Bearing

Hole No. NG 18

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-5.18			Casing				
5.18-8.23	100		Dk banded phyllite; 50% dk bands; 20-30% calcareous bands -black,brown,grey & white po	0.5			
8.23-11.28	100		same po	0.5			
11.28-13.41	95		same po	0.5-1			
13.41-16.92	100		same po	0.5			
16.92-20.12	100		frac 20% to core axis; same po	0.5			
20.12-23.32	95		same po	<0.5			
23.32-26.52	100		same;fract. @ 10° to core axis po	<0.5			
26.52-30.40	100		broken core; fractured dk banded phyllite w/ py along frac. po	<0.5			
30.40-32.61	100		dk banded phyllite; frac. still present but core remains unbroken po	<0.5			
32.61-38.71	100		fract. @ 60° to core axis; and at 10° to core axis; dk banded phyllite po	<0.5			
38.71-41.76	100		same as before; siliceous zone 40.35-40.47 po	<0.5			
41.76-45.39	100		dk banded phyllite; more calcareous;black hair-line frac.present.contorted in spots;40%	0.5			
			calcareous po				
45.39-46.13	100		black contorted phyllite approaching breccia & graphitic along shears & schistosity po	<0.5			

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NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of 3
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 18

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	Cu %	Pb %	Zn %	O
46.13-47.92	100		dk banded phyllite; 20% calcareous;black hair-line frac; some garnets; more siliceous po	<0.5							
47.92-49.77	95		black contorted phyllite; with some graphite; broken core po	<0.5							
49.77-55.93	98		broken core; start of garnet development @ 49.77 graphitic development decreasing; @ 51.22-	<0.5							
			51.48 po 1%; garnets up to 6mm po								
55.93-59.59	98		garnet zone; horizon contorted & fract.; seric. near 59.59; some graphite; cpy smears on shears								
			58.30-59.59 less siliceous; end of garnet zone @ 58.50 po,py	0.5							
59.59-61.10	100		sulphides increasing; pale grey-green phyllite; slightly calcareous; siliceous bands present po,	0.5 py							
61.10-62.10	100		pale green grey sericitic phyllite; banded po,py	0.5		K2895	1.0				
62.10-62.57	100		same as before; increase in sulphides po,py,cpy	2		K2896	0.47				
62.57-62.92	100		massive; po 60%, calcareous & siliceous fragments po,cpy	70	1 Cu	K2897	0.35				
62.92-63.58	100		sulphides decreasing; more siliceous; where massive there are calcareous fragments po,cpy	40	1 Cu	K2898	0.66				
63.58-64.00	100		same po,cpy	5		K2899	0.42				
64.00-65.00	100		med.-dk brown banded phyllite; w/minor calcareous bands po,cpy	1		K2900	1.0				
65.00-70.89	100		noncalcareous med-pale brn green banded po phyll.	<0.5							
70.89-77.27	100		limestone-banded; coarser texture then phyllite qtz vein @ 73.70-73.93 po	<0.5							

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NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of 3
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 18

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
77.27-83.16	100		same; w/brown bands present also po	<0.5			
83.16-86.26	100		pale green brown banded phyllite po	<0.5			
			END OF HOLE @ 86.26 (@283 feet) Acid Test @ 100 ft -57° @ 250 ft -57° (uncorrected)				
			corrected @ 30.48m -48°				
			corrected @ 76.2m -48°				

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NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 1 of 4
Lat. 2500	Elev. 729	Dip	Lat. 2503.68	Elev. 730.61	Dip
Dep. 5508	Depth	Bearing	Dep. 5507.17	Depth 160.63	Bearing
					Hole No. NG 19

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-5.79			Casing				
5.79-8.23	95		Dk banded phyllite; brown, grey, white bands; grey limy po bands 20%; white milky siliceous bands	<0.5			
8.23-11.28	100		same as before; fract. 30°, 15°, 45° c/a po	<0.5			
11.28-14.34	100		same as before po	<0.5			
14.34-20.42	95		same as before po	<0.5			
20.42-23.32	100		same as before po	<0.5			
23.32-26.37	100		same as before po	<0.5			
26.37-29.57	100		same as before; 26.37-2700 phyllite lighter in colour with predominately brn bands po	<0.5			
29.57-35.66	100		same dark banded phyllite with sulphides increasing po	0.5			
35.66-38.71	100		same as before po	0.5			
38.71-41.76	100		same as before with increase in limy bands (up to 4 cm in width); fractures at 30° c/a				
			with pyrite along fracture surface with displacement along fracture po	<0.5			
41.76-44.81	100		same dark banded phyllite with more siliceous bands po	<0.5			
44.81-47.85	100		same as before po	<0.5			
47.85-57.00	100		same as before: conjugate fractures at 31.40 - fract. at 20 c/a & 30 c/a. on fract. surfaces some py and cpy	<0.5			

DATE 24/7/75 LOGGED BY D.A.S.

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 19

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
57.00-60.05	100		same as before; fract.15°c/a - siliceous,½ cm (5mm) wide with po po	<0.5			
60.05-63.09	100		same as before; displacement noted on all fract. pyrite along fractures po,py	<0.5			
63.09-69.19	100		same dark banded phyllite; some contorted areas po	<0.5			
69.19-72.24	100		same as before po	<0.5			
72.24-75.29	100		same as before; fracture at 73.04, 15° c/a po	<0.5			
75.29-78.33	100		same as before po	<0.5			
78.33-81.38	100		same as before; incompetent area from 79.18-79.68(broken core and some gouge. po	<0.5			
81.38-84.43	100		same as before; 83.20-84.43 contorted phyllite with minor broken core po	<0.5			
84.43-87.48	100		same as before; 84.83-85.30 contorted black banded phyllite with minor broken core po	<0.5			
87.48-90.53	100		same as before; at 88.09 dark banded phyllite becomes more limy and contorted po	<0.5			
90.53-93.75	100		contorted dark banded phyllite with increase in limy bands;black hairline fract. in less contorted areas po	<0.5			
93.75-99.67	100		dark banded phyllite po	<0.5			
99.67-105.77	100		same as before po	<0.5			
105.77-114.91	100		same as before po	<0.5			
114.91-115.32	100		same as before po	<0.5			

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NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 19

Footage	Rec'y	Graphic Log	Description		% Sulp.	Est. Grade	Sample No.	Lt.	Cu %	Pb %	Zn %	OZ. A
115.32-117.04	100		bl.contorted phyllite; fractured w/graphite on shears & schistosity graphite present but not abundant; siliceous									
117.04-120.09	100		garnet zone in a siliceous banded phyllite; contorted in spots	po	<0.5							
120.09-123.14	100		garnets still present; non-calcareous	po	<0.5							
123.14-125.88	95		garnets more prolific and more calcareous 50% calcareous	po	1							
125.88-126.65	100		more sulphides end of garnet zone @ 126.65	po	10		P2676	0.77				
126.65-128.93	100		interbanded phyllite - limestone section; bands up to 10 cm grey-brown-green phyllite	po	<0.5							
128.93-130.91	100		same as before; more sericite present;core broken 130.35-130.91	py	<0.5							
130.91-131.71	100		sulphides start @ 131.09;cpy,po,sph;pale green-brown siliceous phyllite;w few calcareous bands		2	1 Cu	131.09-P2677	131.71 0.62				
131.71-132.48	100		same as before	cpy sph po	2	1 Cu	131.71-P2678	132.7 1.00				
132.48-132.71	100		sulphides in qtz vein	po cpy sph	1	1 Cu	132.71-P2679	133.14 0.43				
132.71-133.14			massive sulphides w/calcareous & siliceous fragments	po cpy sph	70	3 Cu						
133.14-133.71	100		siliceous phyllite banding almost non-existent	"	5	1 Cu	P2680	0.57				
133.71-134.72	100		green-brown banded phyllite; more calcareous material present	po cpy	3-5	1 Cu	P2681	1.01				
134.72-135.75	100		gouge @ 135.30-135.40; non calcareous green brown grey phyllite	po	0.5							

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 4 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 19

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
135.75-135.94	100		start of limestone @ 135.75; banded; pale green-grey brown bands; sericite; pyrite py,po	<0.5			
135.94-137.75	100		pale green-brown-grey non calcareous phyllite py,po	<0.5			
137.75-142.34	100		grey-green-brown banded limestone; 80% calcareous py,po	<0.5			
142.34-156.08	100		same as before py,po	<0.5			
156.08-160.63	100		pale green-brown-grey siliceous phyllite py,po	<0.5			
			END OF HOLE @ 527				
			Acid test @ 500 feet - 55° (uncorrected) -46° (corrected)				
			@ 100 feet - 59° (uncorrected) -50°30' (corrected)				

DATE _____ LOGGED BY _____ DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed 30/7/75	Core Size BQ	Property GOLDSTREAM		Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES			Sheet 1 of 4
Lat. 2500N	Elev. 743	Dip -55°	Lat. 2499.56	Elev. 742.50	Dip -54°21'	Hole No.
Dep. 5400E	Depth 181.36	Bearing Grid S	Dep. 5412.95	Depth 181.36	Bearing S1°53'E	NG 20

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.				
0-10.06			Casing								
10.06-11.89	65		Dark banded phyllite; 20-30% calcareous; brown black,grey, white bands present. po	0.5							
11.89-17.37	100		same as before; py along frac.; py,po	0.5							
17.37-29.57	100		same; po	<0.5							
29.57-38.71	100		same; 38.44-38.50 qtz vein; po	<0.5							
38.71-44.81	100		same; w/frac. 60° to core axis; po	<0.5							
44.81-53.95	100		same; po	0.5							
53.95-60.05	100		dark banded phyllite more fractures present than before; frac. 60°c/a; @ 59.71-59.98 minor	<0.5							
			brecciation present; py,po								
60.05-62.03	95		same; gouge @ 61.58-61.83;po,py	<0.5							
62.03-66.14	100		same; dark banded phyllite;fract @ 15°c/a;po,py	<0.5							
66.14-75.29	100		same as before; py,po	<0.5							
75.29-81.38	100		po,py same as before w/some ls bands up to 10 cm wide.	<0.5							
81.38-90.53	100		fract. @ 10° to core axis w/pyrite; same as before; po,py	<0.5							
90.53-96.62	100		gouge @ 92.0; dk banded phyllite; po,py	<0.5							

DATE 28/7/75 LOGGED BY DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 20

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	%Cu	%Zn	oz/T Ag
96.62-102.72	100		same as before; py,po	0.5						
102.72-112.65	100		dark banded phyllite; 15-20% calcareous;grey, brown,black & white bands	0.5						
112.65-119.94	100		same as above; 20 cm of mild contortion at 116.60 with minor po	0.5						
119.94-127.15	100		same as above	0.5						
127.15-130.45	100		same as above	0.5						
130.45-133.31	90		dark banded phyllite; 20-30% calcareous, badly fractured and broken; black hairline fractures	0.5						
			gouge at 133.0-133.40; graph and pyrite							
133.31-138.02	85		same as above but with garnets	0.5						
138.02-141.43	78		same as above; garnets still present; 30% calc. very fractured and broken; py, graphite end of	1						
			garnet zone at 141.43							
141.43-143.78	100		grey-green-brown phyllite; 10-20% calcareous	0.5						
143.78-148.23	98		as above; 20-40% calcareous; occ. 1 cm bands of 80% calcareous material; minor sericite	0.5						
148.23-149.05	95		grey-green phyllite; 50% calcareous; more sericite; po	1						
149.05-149.72	95		same as above; minor cpy & po on foliation planes;	1	.05	P2682	0.67			
149.72-150.90	100		heavy sulfides containing calcareous,siliceous & micaceous fragments;po,cpy,sphal	40	2.5	P2683	1.18			

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM		Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES			Sheet 3 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 20

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	oz/T Ag
150.90-152.22	95		massive sulfides; minor fragments as above	70	4.0	P2684	1.32			
152.22-153.71	95		as above; 153.20-153.71 badly broken	70	3.5	P2685	1.49			
153.71-154.88	98		grey green calcareous (20%) phyllite; po,cpy,py on foliation planes	15	0.7	P2686	1.17			
154.88-156.44	95		sericitic green phyllite; 10-20% calcareous po,cpy on foliations	8	0.5	P2687	1.56			
156.44-158.71	100		as above; very minor sulfides; 20 cm qtz vein at 157.00m	<0.5						
158.71-159.22	100		grey phyllite; 10% calcareous; po on foliations and in qtz rich zones or veins	0.5						
159.22-165.66	100		grey banded limestone; 80% calcareous; minor greenish & brownish bands; minor po,py	<0.5						
165.66-170.05	100		same as above	<0.5						
170.05-172.82	100		grey-brown-green phyllite 40% calcareous; 20 cm qtz vein with po, minor cpy at 170.61	0.5						
172.82-181.36	100		grey-green-brown phyllite; <10% calcareous; 1 cm qtz zones along foliation. 0.5 cm calcite veins cut core axis at 10°, po,py	<0.5						
			END OF HOLE 181.36 meters (595 feet)							
			Tropari test @ 29.26 meters							
			dip -53°							
			bearing (grid) S11°E							
			continued							

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NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 4 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 20 2

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
			Tropari test (continued)				
			@ 138.07 meters				
			dip -55°				
			bearing (grid) S 3°E				
			Acid test @ 152.40 meters				
			-57° (uncorrected) -48° (corrected)				

DATE _____ LOGGED BY DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared 30/7/75	Completed	Core Size BQ	Property GOLDSTREAM	Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 1 of 3
Lat. 2500N	Elev. 743m	Dip -55°	Lat. 2501.17	Elev. 743.73	Dip -55°57'
Dep. 5300E	Depth	Bearing Grid S	Dep. 5288.76	Depth	Bearing S3°07'W

Hole No. NG-21

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-6.71			Casing				
6.71-13.11	98		dark banded phyllite; 15-25% calcareous; grey-black-brown & white bands; po on foliations and in silic. bands	0.50			
13.11-17.37	100		same as above; less siliceous; 20-30% calcareous	<0.50			
17.37-21.03	90		same as above; 30-35% calcareous; badly broken; py on fractures 10° off core axis	0.50			
21.0 -27.74	100		dark banded phyllite as above; 10-20% calcareous; more siliceous bands; po	<0.50			
27.74-34.90	100		same as above; po on foliation as 1-2m bands also py	<1.00			
34.90-42.37	100		same as above; po also in qtz veinlike zones up to 10 cm wide	1.00			
42.37-49.68	100		same as above; 25-35% calcareous; narrow (20 cm) contortion zone at 46.63	<1.00			
49.68-56.85	100		same as above	<0.50			
56.85-64.01	97		same as above; 15-25% calcareous; graphitic shears at 62.79-63.19 po; py on fractures at 10° off core axis	0.50			
64.01-65.84	98		same as above; 25-35% calcareous	0.50			
65.84-69.82	25		same as above; very broken; graphitic shears; py on shear planes also	0.50			
69.82-79.25	100		dark banded phyllite; 15-25% calcareous; very thin bands; po & py	1.00			
79.25-86.87	98		same as above; qtz vein 0.45m thick at 79.29; po;py on fractures cutting c/a at 10°	<1.00			

DATE 8/2/75 LOGGED BY LCR

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of 3
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 21

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	oz/T Ag
86.87-93.88			same as above							
93.88-101.40	100		dark banded phyllite; 15-25% calcareous; po on foliations and in qtz rich zones (bands)	<1						
101.40-108.36	100		same as above	<1						
108.36-115.67	100		same as above; slightly more po	<1						
115.67-122.68	100		same as above; 121.16-122.68 broken due to open fracture cutting c/a at 5°; po	<1						
122.68-129.84	100		same as above; narrow zones of mild contortion; po	<0.50						
129.84-137.16	100		same as above; po	<0.50						
137.16-144.78	100		same as above; po	1						
144.78-147.52	100		same as above; po	<0.50						
147.52-152.40	90		dk banded phyllite; 5-15% calcareous; more sil. broken; black hairline fract; graphitic shears on foliations; po,py	<1.50						
152.40-160.93	90		same as above; garnets present (garnet zone) po,py	1						
160.93-166.73	100		grey-green phyllite; <5% calcareous; minor po,py; becomes slightly more sericitic near 166.73	<0.5						
166.73-167.94	95		grey-green sericitic phyllite; minor sulfides on foliation planes; the last 25 cm very broken; po,py,cpy	1	.10	P2688	1.21			

DATE LOGGED BY DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of 3
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 21

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.	% Cu	% Zn	oz/T Ag
167.94-168.63	98		semi massive; contains fragments of phyllite; po,cpy	50	2.5	P2689	0.69			
168.63-170.26	100		grey-green phyllite; sericitic; po,cpy,very minor sphal. on foliation planes; very silic.	6	.80	P2690	1.63			
170.26-171.26	100		as above; more contorted; irregular blebs and clots of sulfides; po,cpy, minor sphal. very siliceous	10	1.0	P2691	1.00			
171.26-172.56	95		grey-green sericitic phyllite; slightly contorted; irregular blebs & clots of sulfides; py,graphite	5	1.0	P2692	1.30			
			gouge at 172.00							
172.56-173.59	100		grey-green sericitic phyllite; 20 cm graphitic, pyritic broken zone at 172.56; very minor sulphides on foliation planes	1	.05	P2693	1.03			
173.59-176.98	100		grey-green sericitic phyllite; po,py	<0.5						
176.98-187.91	100		grey banded limestone; 80% calcareous	<0.5						
187.91-193.85	100		same as above	<0.5						
			END OF HOLE - 193.85 meters							
			~ 636 feet							
			Acid test @ 400'(121.92m) 57° (uncorrected) -48° (corrected)							
			@ 636' (193.85m) 56° (uncorrected) -46° (corrected) Hole making water (light flow)							

DATE _____ LOGGED BY DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared 2/8/75	Completed 10/8/75	Core Size BQ	Property GOLDSTREAM		Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES			Sheet 1 of 5
Lat. 2600	Elev. 715	Dip -55	Lat. 2606.13	Elev. 712.28	Dip -54°56'	Hole No.
Dep. 5400	Depth 210.92	Bearing Grid S	Dep. 5399.54	Depth	Bearing S3°18'W	NG 22

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-6.71			Casing				
6.71-8.23	65		Dk banded phyllite; brown mica bands, calcareous bands. sil. bands; po & py; py along fractures	0.5			
8.23-11.03	100		same po, py	0.5			
11.03-12.15	100		same except contorted also with black hairline fract. 60° to core axis	0.5			
12.15-13.87	100		dark banded phyllite				
13.87-19.29	100		contorted dark banded phyllite po	0.5			
19.29-28.35	100		dark banded phyllite po	<0.5			
28.35-35.66	100		same po	<0.5			
35.66-41.76	100		@ 36.61-36.86 qtz vein; contorted zone @ 38.35-40.14; same po	<0.5			
41.76-49.53	100		same as before po	<0.5			
49.53-57.00	100		same po	<0.5			
57.00-58.83	95		same. broken core 58.0-58.83 po	<0.5			
58.83-60.05	80		black phyllite - graphitic broken core po	<0.5			
60.05-63.09	100		gouge @ 61.06-61.14; dark banded phyllite po	<0.5			
73.09-72.24	100		dark banded phyllite po	<0.5			

DATE 8/8/75 LOGGED BY DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of 5
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 22

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
72.24-78.33	100		dk banded phyllite; brown bands minor; predom. grey bands. po	<0.5			
78.33-84.43	100		same as before po	<0.5			
84.43-87.48	100		same; wider limy bands noted po	<0.5			
87.48-90.53	90		same; wider limy bands noted (up to 5 cm) po	<0.5			
90.53-100.28	100		same po	<0.5			
103.07	100		same po	<0.5			
103.07-104.63	100		qtz vein unconfomrable to schistosity; 15° to core axis				
104.63-106.58	100		dark banded phyllite po	<0.5			
106.58-108.25	100		15° to core axis qtz vein unconformable to schistosity;				
108.25-114.43	100		dark banded phyllite po	<0.5			
114.43-114.86	100		qtz vein unconformable to schistosity 30° to core axis				
114.86-115.90	100		dark banded phyllite po	<0.5			
115.90-116.23	100		qtz vein unconformable to schistosity 30° to core axis po	<0.5			
116.23-116.82	100		dark banded phyllite po	<0.5			
116.82-117.42	100		qtz vein unconformable to schistosity 15° to core axis				

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of 5
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 22

Footage	Rec'y	Graphic Log	Description		% Sulp.	Est. Grade	Sample No.	Lt.
117.42-121.01	100		dk banded phyllite. qtz vein unconformable to schistosity @ 15° c/a @ 120.87-121.01	po	<0.5			
121.01-130.15	100		dk banded phyllite; incr. in sulphide content @ 128.25-128.37 siliceous section w/po at boundaries		<0.5			
130.15-136.06	100		130.15-135.35 broken core; dk banded phyllite	po po	<0.5			
136.06-136.77	100		siliceous zone @ 136.06-136.38; same as before	po	<0.5			
136.77-137.78	100		contorted dark banded phyllite	po	<0.5			
137.78-138.70	100		dk banded phyllite w/black hairline fract.	po	<0.5			
138.70-139.40	100		contorted dark banded phyllite	po	<0.5			
139.40-144.12	100		dk banded phyllite w/black hairline fract.	py po	<0.5			
144.12-155.35	100		contorted dk banded phyllite; more calcareous than usual dk banded phyllite	po	<0.5			
155.35-159.97	100		dk banded phyllite	po	<0.5			
159.97-161.24	100		bl phyllite, brecciated, graphitic	py po	<0.5			
161.24-162.46	66		same as before	py po	<0.5			
162.46-164.29	100		same as before	py po	<0.5			
164.29-165.81	85		same as before	po py	<0.5			
165.81-166.22	100		contorted dk banded phyllite w/some graphite	po py	<0.5			

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 4 of 5
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 22

Footage	Rec'y	Graphic Log	Description		% Sulp.	Est. Grade	Sample No.	Lt.
166.22-166.74	100		dark banded phyllite	po	0.5			
166.74-169.77	100		garnet zone; section siliceous	po	0.5			
169.77-171.60	80		broken core; same as before	po	0.5			
171.60-172.80	40		broken core; same as before. end of garnet zone	po	0.5			
172.80-173.58	70		sericitic; siliceous, green brown phyllite.	py	0.5			
173.58-178.77	100		same	py	0.5			
178.77-179.68	100		same; but rx more incompetent i.e. more sericitic	py	0.5			
179.68-180.05	100		more siliceous phyllite w/sulphides	cpy py po	1			
180.05-180.94	100		mass. sulphides w/siliceous & calcareous frag. sharp contact	cpy,py,po,sph?	75	4 Cu		
180.94-181.44	100		siliceous phyllite; grey-green; w/sulphides	cpy,po	5	1 Cu		
181.44-182.44	100		grey brown sericitic phyllite	py	0.5			
182.44-182.91	100		same	py	0.5			
182.91-183.28	100		siliceous zone w/some sericite & po	po	0.5			
183.28-183.57	100		grey brown siliceous phyllite	po	0.5			
183.57-188.93	100		brwn banded limestone; 60-70% calcareous grey; @ 185.83-186.19 grey brown phyllite non calcareous	po	0.5			

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 5 of 5
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 22

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
188.98-192.96	100		grey brown green banded limestone; 60-70% calcareous				
192.96-203.32	100		less bands; grey banded limestone po	<0.5			
203.32-210.92	100		green brown siliceous phyllite; banded @ 204.62-204.81 qtz vein po	<0.5			
			END OF HOLE @ 692 feet (210.92m)				
			Acid test @ 600 feet - 54° (uncorrected) -45° (corrected) (182.88m)				
			@ 100 feet - 59° (uncorrected) -50°30' (corrected) (30.48m)				
			Tropari test @ 600 feet dip -59° (uncorrected) -50°30 (corrected) (182.88m)				
			bearing S15°E (grid)				
			@ 100 feet dip -54° (30.48m)				
			bearing S01°W (grid)				

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared 10/8/75	Completed 13/8/75	Core Size BQ	Property GOLDSTREAM	Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 1 of 3
Lat. 2600	Elev. 708	Dip -55	Lat. 2591.71	Elev. 707.12	Dip -53°24'
Dep. 5500	Depth 179.98	Bearing grid S	Dep. 5500.30	Depth 179.98	Bearing S0°48'W

Hole No. NG 23

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-5.79			Casing				
5.79-17.37	100		Dark banded phyllite; 20% calcareous grey bands; brown mica bands;frac.@30°c/a;60°c/a po	<0.5			
17.37-32.31	100		same as before po	<0.5			
32.31-41.60	100		same as before po	<0.5			
41.60-47.85	100		same as before po	<0.5			
47.85-63.09	100		same as before po	<0.5			
63.09-69.19	100		same as before; frac.@ 15° c/a po	<0.5			
69.19-84.43	100		same as before; @ 82.02-82.50 contorted;@ 82.50-82.78 qtz vein; @82.78-83.35 contorted po	<0.5			
84.43-99.67	100		same as before po	<0.5			
99.67-111.86	100		same as before po	<0.5			
111.86-121.01	100		same as before; contorted @ 114.91-115.80 po	<0.5			
121.01-127.10	100		same as before;contorted in spots;black hairline frac. become more prominent po	<0.5			
127.10-136.25	100		same as before; contorted in spots;@132.83-133.50 broken core py,po	<0.5			
136.25-138.04	100		same as before;still contorted in spots po	<0.5			
138.04-143.06	95		black phyllite;graphitic;broken core py,po	<0.5			

DATE 13/8/75 LOGGED BY DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of 3
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 23

Footage	Rec'y	Graphic Log	Description		% Sulp.	Est. Grade	Sample No.	Lt.
143.06-144.82	100		sericitic grey-green siliceous phyllite	py,po	0.5			
144.82-146.20	100		start of garnet zone; garnets up 4 mm	po	2			
146.20-148.54	100		garnet zone w/graphite on shears and frac.	po	0.5			
148.54-151.38	100		sericitic phyllite w/limy bands	po	0.5			
151.38-152.89	100		limestone; brecciated; slightly sericitic	po py cpy?	<0.5			
152.89-153.89	100		limestone up to 153.32; then sericitic phyllite	cpy po py	0.5			
153.89-154.89	100		phyllite w/increasing sulphides; sericitic	cpy py,po,sph	5		P2651	
154.89-156.72	100		massive sulphides w/calcareous & siliceous frag. cpy>po>sph; sharp contact @ 156.72.	py,po,sph,	80 cpy	8 Cu	P2652	
156.72-157.40	100		sericitic phyllite	py,po	2	)		
157.40-158.40	100		same as before	cpy py,po	1	))	P2653	
158.40-159.40	100		same	cpy py,po	1		P2654	
159.40-160.40	100		same	cpy py,po	1		P2655	
160.40-161.93	100		same	py,po	0.5			
161.93-172.22	100		limestone; banded; fractured in spots @163.79-164.20	py,po	<0.5			
172.22-175.87	100		sericitic (in spots)siliceous grey green brown phyllite	py,po	<0.5			

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of 3
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 23

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
175.87-179.98	100		Broken core; same; sericitic - siliceous phyllite py,po	<0.5			
			END OF HOLE 590.5 feet				
			Acid Test @ 30.48m 60° (@ 100 ft) (uncorrected) 51°30' (corrected)				
			@ 167.64m 63° (@550 ft) (uncorrected) 54° (corrected)				
			Tropari test @ 30.48 ~~ft~~ m dip -55° bearing S2°W(Grid)				
			@ 167.64 ~~ft~~ m dip -54° bearing S7°E(Grid)				

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared 13/8/75	Completed 15/8/75	Core Size BQ	Property GOLDSTREAM	Project No 41	NTS No. 82M/9W
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 1 of 3
Lat. 2600	Elev. 708	Dip -55°	Lat. 2581.63	Elev. 706.67	Dip -52°57'	Hole No.
Dep. 5600	Depth 158.50	Bearing Grid S	Dep. 5611.79	Depth 158.50	Bearing S3°02'W	NG 24

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-14.63			Casing				
14.63-17.22	98		dk banded phyllite;20% calcareous bands;brown mica bands;bl&white non-calc.bands;broken core	<0.5			
17.22-26.52	100		dark banded phyllite; not as much broken core po po	<0.5			
26.52-41.76	100		same as before; brown bands dwindle after 32.47 po	<0.5			
41.76-47.85	100		same; brown bands are back; open space filling w/qtz & py xstls @ 42.60 po,py	0.5			
47.85-57.00	100		same as before po	<0.5			
57.00-70.71	100		same as before; contorted 64.17-64.74 po	0.5			
70.71-72.89	100		same po	0.5			
72.89-78.26	100		contorted dark banded phyllite po	0.5			
78.26-84.43	100		dark banded phyllite cpy?po	<0.5			
84.43-90.53	100		same as before; frac.15°& 20° to core axis po	<0.5			
90.53-99.67	100		same as before; frac.@40° to core axis @ 96.62 po	<0.5			
99.67-114.45	100		same as before; black hair line fract. 101.20-105.77;gouge @ 114.10-114.35 po	<0.5			
114.45-114.90	100		same as before po	<0.5			
114.90-118.00	100		same as before; tension gashes; black hairline fract. py,po	<0.5			

DATE 16/8/75 LOGGED BY DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of 3
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 24

Footage	Rec'y	Graphic Log	Description		% Sulp.	Est. Grade	Sample No.	Lt.
118.00-118.50	100		black phyllite w/tension gashes infilled w/qtz;siliceous	po	<0.5			
118.50-120.50	100		garnet zone starts; in spots graphitic along fractures	po	<0.5			
120.50-121.00	100		limestone; banded	po	<0.5			
121.00-121.90	100		brecciated phyllite; black phyllite; graphitic	po	<0.5			
121.90-127.20	100		garnet zone; siliceous; banded; garnets up to 5 mm; pinky-orange garnets	po	0.5-1			
127.20-130.27	100		@127.33-127.92 limestone banded; green brown sericitic phyllite; rx competent	po	<0.5			
130.27-131.27	100		siliceous phyllite slightly sericitic; competent; becoming more siliceous down section	po,cpy	1		P2656	
131.27-132.27	100		same	po sph,cpy,	2	1Cu	P2657	
132.27-132.75	100		massive sulphides 2/siliceous and limy fragments	cpy sph,po,	75	3Cu	P2658	
132.75-133.75	100		siliceous, slightly sericitic, competent horizon	cpy, sph,po	2-3	1Cu	P2659	
133.75-134.75	100		same		3	1Cu	P2660	
134.75-135.75	100		same		3	1Cu	P2661	
135.75-136.75	100		same		3	1Cu	P2662	
136.75-137.28	100		same		3	1Cu	P2663	
137.28-137.58	100		massive		70	2Cu	P2664	

DATE _____ LOGGED BY DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of 3
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 24

Footage	Rec'y	Graphic Log	Description		% Sulp.	Est. Grade	Sample No.	Lt.
137.58-138.58	100		green-brown sericitic phyllite; competent	po,cpy	0.5		P2665	
138.58-139.25	100		black phyllite; incompetent	po,py	<0.5			
139.25-140.60	100		sericitic green brown phyllite,competent	po	<0.5			
140.60-152.96	100		banded limestone; frac.@ 30° to core axis	po	<0.5			
152.96-158.50	100		grey-brown phyllite; sericitic; competent	po	<0.5			
			END OF HOLE @ 520 feet					
			Acid test @ 30.48m -58° (uncorrected)		(@ 100 ft) 49°31' (corrected)			
			@152.40m -56° (uncorrected)		(@ 500 ft) -47° (corrected)			

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared 15/8/75	Completed	Core Size BQ	Property GOLDSTREAM	Project No 41	NTS No. 82M/9W

FIELD COORDINATES			SURVEYED COORDINATES			Sheet 1 of 4
Lat. 2700	Elev. 692	Dip -55	Lat. 2681.24	Elev. 690.33	Dip -54°37'	Hole No.
Dep. 5600	Depth 188.37	Bearing Grid S	Dep. 5621.82	Depth 188.37	Bearing S3°27'E	NG 25

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
0-5.18			Casing				
5.18-11.13	100		broken core; dark banded phyllite;brn mica bands 20% grey calcareous bands;siliceous bands po	<0.5			
11.13-18.90	100		same as before; qtz vein @ 13.97-14.28; contorted 14.28-15.10 po	<0.5			
18.90-24.62	100		same as before po	<0.5			
24.62-26.72	100		contorted dark banded phyllite; qtz-rich section @ 25.53-25.72;contorted after 25.72 po	<0.5			
26.72-48.92	100		dark banded phyllite po	<0.5			
48.92-53.64	100		same as before; more fractures present po	<0.5			
53.64-55.17	100		broken core; @ 54.55 gouge; dark banded phyllite po	<0.5			
55.17-57.00	100		dark banded phyllite po	<0.5			
57.00-57.78	85		same as before; fractured bl.phyllite @ 57.22-57.85 po	<0.5			
57.78-60.06	100		same as before; contorted-fractured section @ 58.80-59.04 po	<0.5			
60.06-62.48	100		same po	<0.5			
62.48-68.43	100		black phyllite; brown bands absent; fractured; slightly graphitic in spots py,po	0.5			
68.43-74.60	100		same po,py,cpy	0.5			
74.60-81.38	100		dark banded phyllite po	0.5			

DATE 18/8/75 LOGGED BY DAS

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No 41	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 2 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 25

Footage	Rec'y	Graphic Log	Description		% Sulp.	Est. Grade	Sample No.	Lt.
81.38-88.70	100		dk banded phyllite; contorted @ 87.48-87.82 qtz vein @ 88.20-88.50 conformable to schistosity	po	<0.5			
88.70-98.15	100		dark banded phyllite	po	<0.5			
98.15-104.54	100		same	po	<0.5			
104.54-120.40	100		same; @ 117.15 gouge	po	<0.5			
120.40-126.80	100		same	po	<0.5			
126.80-129.84	60		broken core; same	po	<0.5			
129.84-136.25	100		same; black hairline frac.(20 cm wide)	po	<0.5			
136.25-142.34	100		same; @138.90-fractured w/py on fracture	py,po	<0.5			
142.34-149.80	100		same; @148.17-149.80 black hairline frac.	po	<0.5			
149.80-151.18	70		black phyllite w/py on frac; graphitic; broken core	py,po	<0.5			
151.18-160.06	80		garnet zone;contorted;garnets pinky-orange up to 4mm in dia;graphitic along shears & fract; more siliceous	py,po	1.0			
160.06-161.24	100		sericitic phyllite; siliceous	py	<0.5			
161.24-162.24	100		same	cpy,py,po	1.0			
162.24-163.24	100		same	cpy,py,po	1.0			

DAS

DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 3 of 4
Lat.	Elev.	Dip	Lat. / Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep. / Depth	Bearing	NG 25

Footage	Rec'y	Graphic Log	Description		% Sulp.	Est. Grade	Sample No.	Lt.
163.24-164.24	100		same	cpy,py,po	1.0			
164.24-165.24	100		sericitic phyllite w/minor sulphides	cpy,py,po	1.0			
165.24-166.60	100		same	cpy,py,po	1.0			
166.60-166.90	100		highly siliceous sericitic section	cpy,py,po	2.0			
166.90-167.08	100		massive sulphides w/siliceous & calcareous fragments	cpy,py,po	60	2		
167.08-168.08	100		siliceous phyllite w/sulphides	sph,cpy,py,po	5			
168.08-168.58	100		same;some limonite staining	cpy,py,po	2			
168.58-170.71	100		sericitic phyllite	py,po	0.5			
170.71-171.45	100		black graphitic phyllite	py	<0.5			
171.45-173.18	100		green brown siliceous phyllite	po	<0.5			
173.18-175.94	100		grey-balck thin banded limestone					
175.94-176.58	100		green-brown siliceous phyllite					
176.58-187.75	100		grey-balck thin banded limestone					
187.75-188.37	100		green brown phyllite					
			END OF HOLE @ 618 feet (188.37 m)					

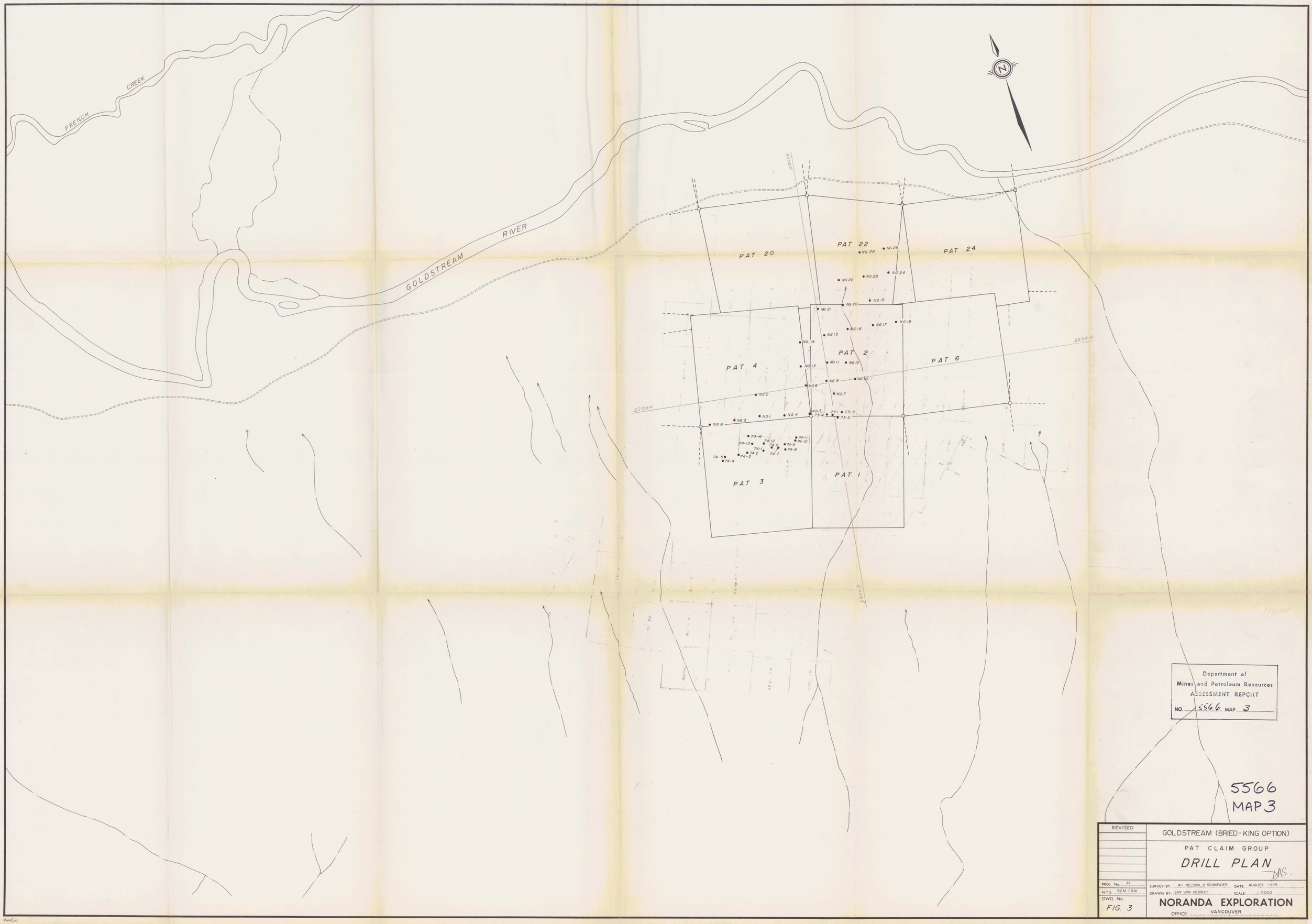
DATE _____ LOGGED BY _____

NORANDA EXPLORATION COMPANY, LIMITED

Collared	Completed	Core Size	Property GOLDSTREAM	Project No	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES		Sheet 4 of 4
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.
Dep.	Depth	Bearing	Dep.	Depth	Bearing	NG 25

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.
			Acid Test @ (100 ft) 30.48m-51°30'(corrected)				
			@ (600 ft) 182.88m -50°30' (corrected)				
			making heavy water				

DATE _____ LOGGED BY _____


FRENCH CREEK
GOLDSTREAM RIVER
N
PAT 20
PAT 22
PAT 24
PAT 4
PAT 2
PAT 6
PAT 3
PAT 1
2200N
2200N
NG 1
NG 2
NG 3
NG 4
NG 5
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Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5566 MAP 3
5566
MAP 3
REVISED
GOLDSTREAM (BRIED-KING OPTION)
PAT CLAIM GROUP
DRILL PLAN
PROJ. No. 41
N.T.S. 82 M / 9 W
DWG. No.
FIG. 3
SURVEY BY: W.I. NELSON, D. SCHNEIDER
DATE: AUGUST 1975
DRAWN BY: JAN VAN VOORST
SCALE: 1:5000
NORANDA EXPLORATION
OFFICE: VANCOUVER
VANCAL