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PROPERTY FILE

929012-07

Assessment Report
DIAMOND DRILLING
on the
REDFERN LAKE - BE CLAIMS - PLATEAU GROUP
57°22'N ; 123°48'E
Liard Mining Division
by
D. Pegg
Noranda Exploration Company, Limited
(No Personal Liability)
June 10 - July 10, 1974

Assessment Report

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June 10 - July 10, 1974

DIAMOND DRILLING

on the

BE CLAIMS - PLATEAU GROUP - REDFERN LAKE

INTRODUCTION

The Plateau Group - BE Claims, consisting of 26 mineral claims, covers an area that has some geological features similar to sedimentary strata form lead-zinc deposits in the Robb Lake area, 40 miles to the south.

The regional geology consists of Early to Middle Devonian limestones, dolomites and shales. The surface expressions of these formations depends on faulting, folding and topography as is common in the Rocky Mountains. The BE Claims - Plateau Group cover a wide expanse of Dunedin - grey bedded limestone, which is bounded east and west by thrust faults.

Diamond drilling was undertaken on some of these claims to check geochemically high soil samples in an area with poor exposure and presumed shallow overburden.

LOCATION AND ACCESSIBILITY

The BE Claims - Plateau Group are located on the Trutch map sheet 94-G, 4 miles North East of Redfern Lake at 57°22'N, 123°48'W. Access to Redfern Lake by float plane is from Mackenzie, which lies 130 miles south, or from Fort Nelson which is 112 miles north-east.

The drilling location is on a high barren plateau at approximately 6000 feet. This is 1500 feet in elevation above the lake and requires helicopter access. Mile 175 of the Alaska Highway is 38 miles east, accessible by helicopter.

CLAIMS AND OWNERSHIP

The BE 221-230, 311-326 claims were registered in the name of Noranda Exploration Company, Limited on June 12, 1972.

<u>CLAIM NAME</u>	<u>RECORD NUMBER</u>
BE 221-230	61165-61174
BE 311-326	61175-61190

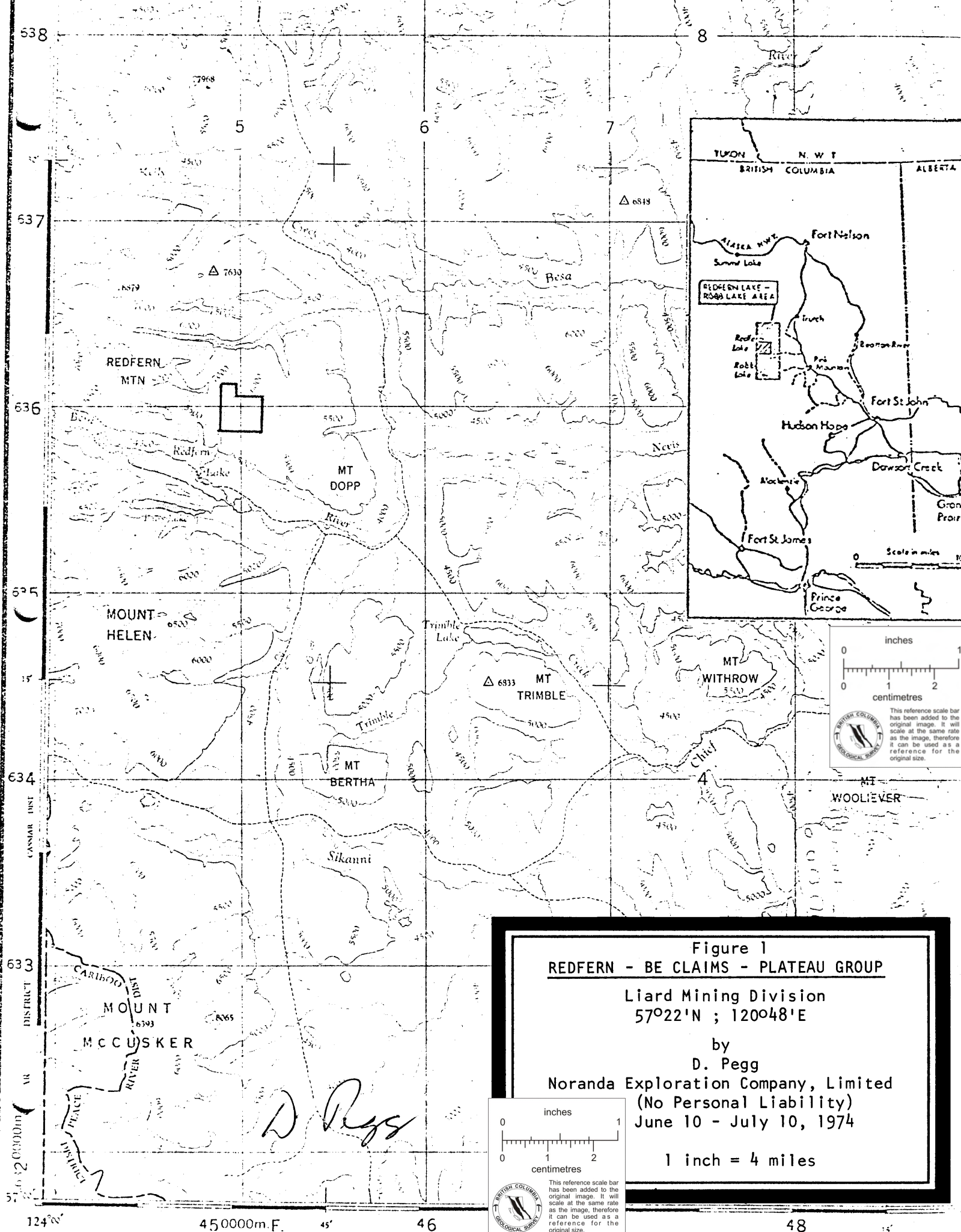
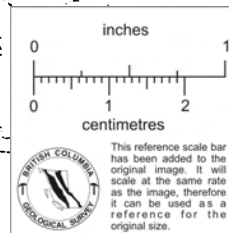
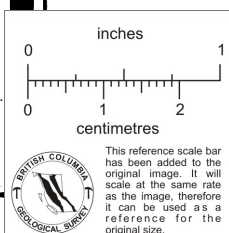


Figure 1
REDFERN - BE CLAIMS - PLATEAU GROUP

Liard Mining Division
 57°22'N ; 120°48'E

by
 D. Pegg
 Noranda Exploration Company, Limited
 (No Personal Liability)
 June 10 - July 10, 1974

1 inch = 4 miles



DIAMOND DRILLING

Five diamond drill holes, with a total footage of 1392', were completed on BE 320, 321, 322 during the period extending from June 23 to July 6. All drill and camp equipment and supplies had to be lifted by helicopter to the plateau area. It was necessary to time the drilling so that water from snow melt run-off could be utilized for the drilling, since normally by late July there is insufficient water available on the plateau.

A 58 T helicopter was used for the main mobilization of camp and drill gear. A Bell G3B1 helicopter was kept on the property to service camp and drill.

The diamond drilling and camp preparation was under contract to Connors Drilling Ltd., 155 West 3rd Avenue, Vancouver, B.C. A Boyles Brothers BBS-1 drill rig with AQ wire line equipment was used to bore the holes.

Drill core is stored in wooden boxes in a core rack at the drill site on the BE 320 mineral claim.



D. Pegg
Geologist

TABLE #1

BE CLAIMS - PLATEAU GROUP

DIAMOND DRILL HOLE DATA

HOLE NO.	LAT. N	DEP. N	ELEV.	CLAIM	DIP	DEPTH	AZ	START	FINISH
BE-1	118+00	208+00	6203	BE 322	-90°	201	-	June 23	June 27
BE-2	115+40	204+00	6206	BE 322	-45°	388	120°	June 27	June 30
BE-3	210+00	206+00	6204	BE 320	-45°	301	300°	June 30	July 1
BE-4	105+50	201+00	6184	BE 320	-90°	391	-	July 2	July 5
BE-5	118+00	196+00	6190	BE 321	-90°	201	-	July 5	July 6



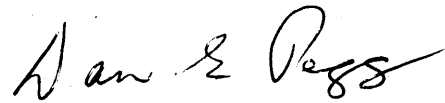
D. E. Pegg

STATEMENT OF QUALIFICATIONS

I, Daniel E. Pegg of the City of Vancouver, Province of British Columbia do certify that:

1. I have been an employee of Noranda Exploration Company, Limited since October 1962.
2. I am a graduate of the University of British Columbia with a Bachelor of Science Degree in Geology.
3. I am a member of the Canadian Institute of Mining and Metallurgy.
4. I hold the position of Field Geologist for Noranda Exploration Company, Limited.

Dated at Vancouver
this 15th day of January 1975.



Daniel E. Pegg
Geologist
Noranda Exploration Company, Limited
(No Personal Liability)

STATEMENT OF QUALIFICATIONS

I, Brian Fairbank of the City of Vancouver, Province of British Columbia do certify that:

1. I have been employed as a geologist by Noranda Exploration Company, Limited since May, 1973.
2. I am a graduate of the University of British Columbia with a Bachelor of Applied Science in Geology (1973).
3. I am a member of the Canadian Institute of Mining and Metallurgy.



Brian Fairbank
Geologist
Noranda Exploration Company, Ltd.
(No Personal Liability)

NORANDA EXPLORATION CO. LTD.

Property: REDFERN PLATEAU (BE)
 Project No.:

Hole No. BE-1

Sheet No. 1/3

Lat. 118+05N

Elev. 6203'

Dip -90°

Collared June 23/74

Core Size AQ

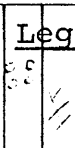
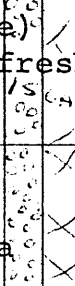

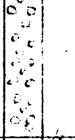
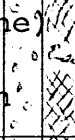
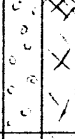

Dep. 207+98E

Depth 201'

Bearing

Completed June 28/74

Logged by: Fairbank

Footage	Rec'y	Rock Type/Alteration	Graphic Log	Mineralization/Structure	% Sulfides	Sample No.	Assays				
							Lt				
0-8'		overburden		<u>Legend</u> fossils (mainly amphipora) calcite veinlets and veins			8'				
9-20	65%	Dunedin Fm (limestone) - med. to dark grey - surface micritic - massive - fossiliferous, abundant amphipora		fresh calcite infilling thin fractures. fracture density approx. 2-3/ft. - calcite stringers random orientation - rare small (13" across) brachiopod shells replaced by calcite	0%	n.s.	12'				
20-30	97%			- shallow dip(?) indicated by amphipora orientation	0%	n.s.	10'				
30-40	97%										
40-50	95%	Dunedin Fm. (Limestone) - same as above except decrease in fossil content		Increase in calcite veins. 3-4 in. up to 1/4" thick - 45-47, 50% calcite	0%	n.s.	10'				
50-60	95%			- 45-81 fragmented sections to 1' in length average every 5-10' calcite veinlets 1-5/ft	0%	n.s.	10'				
60-70	60%			64 - 2' wide cavity	0%	n.s.	10'				

NORANDA EXPLORATION CO. LTD. Property: REDFERN PLATEAU (BE CLAIMS)

Project No.: 1014

Hole No. BE-1

Sheet No. 2 of 3

Lat.

Elev.

Dip

Collared

Core Size AQ

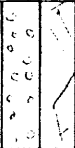
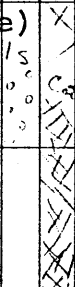



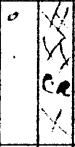

Dep.

Depth

Bearing

Completed

Logged by: Fairbanks

Footage	Rec'y	Rock Type/Alteration	Graphic Log	Mineralization/Structure	% Sulfides	Sample No.	Assays				
							Lt				
70-80	90%	↓		↓	0%	n.s.	10				
80-90	100%	Dunedin Fm (limestone) - same as above 83-90 blotchy colouration grey/ brown ↓		85- calcite veinlets and veins up to .4 in. thick 3-4 in. random orient- ation	0%	n.s.	10				
90-100	70%	Dunedin Fm (limestone) - same as above - only a few short fossiliferous sections		93-95 cavity	0%	n.s.	10				
100-110	97%			101 calcite veinlets 1-5ft.	0%	n.s.	10				
110-120	75%			115-126 calcite veins 3-6/in. 118-123 cavity	0%	n.s.	10				
120-130	65%				0%	n.s.	10				
130-140	100%	130-133 amphipora and are small (1/2" long) brachiopod shells		↓	0%	n.s.	10				

NORANDA EXPLORATION CO. LTD. Property: REDFERN PLATEAU (BE CLAIMS)

Project No.: 1014

Hole No. BE-1

Sheet No. 3 of 3

Lat.	Elev.	Dip	Collared	Core Size
Dep.	Depth	Bearing	Completed	Logged by:

Footage	Rec'y	Rock Type/Alteration	Graphic Log	Mineralization/Structure	% Sulfides	Sample No.	Assays				
							Lt.				
140-150	80%	140 3" thick amphipora horizon 143 amphipora	X	144-148 broken section, 50% recovery some loosely consolidated clay rich pebbly soil	0%	n.s.	10'				
150-160	97%	153 Dunedin Fm. (limestone) - fine-grained argillic ls. - dark grey to black - fossils rare	X	152 random calcite stringers 3-4/in. 157 bedding planes(?) dip 15°	0%	n.s.	10'				
160-170	97%	same as above 162 Dunedin Fm. (limestone) - medium to dark grey - micritic - slightly fossiliferous (amphipora + others)	X	162 calcite stringers 1-3/ft. 165 minute speck of galena in calcite stringer	tr	n.s.	10'				
170-180	100%	178 Dunedin Fm. (limestone) - fine-grained, argillic ls.	X		0%	n.s.	10'				
180-190	100%	- slightly fossil- iferous - dark grey (as above)	X	189 minor iron stain on fracture surface 192+193 6" sections of massive calcite	0%	n.s.	10'				
190-201	100%	184 splotchy colouration (dark grey and grey brn.) 200	X	194-195 coarse-grained calcite and barite sheaths (50% of rock)	0%	n.s.	11'				

END OF HOLE

Bru. Fairbank

NORANDA EXPLORATION CO. LTD.

Property:

REDFERN PLATEAU (BE Claims)

Project No.:

1014

Hole No. BE-2

Sheet No. 1 of 5

Lat. 115 + 40N

Elev. 6206.5

Dip -450

Collared June 27/74

Core Size AQ

Dep. 204 + 00E

Depth

Bearing 1200

Completed June 30/74

Logged by: Fairbank

Footage	Rec'y	Rock Type/Alteration	Graphic Log	Mineralization/Structure	% Sulfides	Sample No.	Assays				
							Lt				
0-8	-						9'				
8-20	95%	Dunedin Fm. -medium to dark grey, micritic LIMESTONE -abundant fossils, mainly amphipora	X	Calcite in fillings of fine frac- tures 1/1-2ft 9'-22' Broken rock	0%	n.s.	12'				
20-30	100%		X	Angle of bedding to long- itudinal core axis=42° (from orientation of amph- ipora)	0%	n.s.	10'				
30-40	95%		X		0%	n.s.	10'				
40-50	97%	41-2" section with carbonate matrix dis- solved away leaving loose whole amphipora fossils.	X		0%	n.s.	10'				
50-60	100%	Some brownish grey sections.	X	54"-slippage plane followed by 6" section of breccia (1/4" lime- stone fragments in fine car- bonate matrix)	0%	n.s.	10'				
60-70	100%	Some brownish grey sections.	X	Calcite stringers average 2/ft Angle of bedding to longitud- inal core axis = 39°	0%	n.s.	10'				
70-80	97%	Some brownish grey sections	X	70-80 rock softer and less competant. Average core length = 1'	0%	n.s.	10'				

NORANDA EXPLORATION CO. LTD.

Property:

REDFERN PLATEAU

Project No.:

1014

Hole No. BE -2

Sheet No. 2 of 5

Core Size AQ

Logged by: Fairbank

Lat.	Elev.	Dip	Collared
Dep.	Depth	Bearing	Completed

Footage	Rec'y	Rock Type/Alteration	Graphic Log	Mineralization/Structure	% Sulfides	Sample No.	Assays				
							Lt				
80-90	95%	Dunedin Fm. (LIMESTONE) -fine grained, massive -grey to brownish grey -abundant fossils, mainly amphipora		Calcite stringers 1-2/ft	0%	n.s.	10'				
90-100	97%	95 Dunedin Fm (LIMESTONE) -fine grained, massive -grey to brownish grey -fossiliferous (amphi- pora and others)		108 positive ZnO test on 1/2 in. calcite vein	0%	n.s.	10'				
100-110	97%			no mineralization visible	0%	n.s.	10'				
110-120	97%				0%	n.s.	10'				
120-130	97%	126-128 thin brachiopod(?) shell remains.			0%	n.s.	10'				
130-140	97%	137-149 darker grey colour, probably due to graphite		136-angle of bedding to longitudinal core axis = 41°	0%	n.s.	10'				
140-150	97%			137-149 graphite common on fracture surfaces (1/1-2ft) 144 positive ZnO test (thin calcite vein)	0%	n.s.	10'				
150-160	97%			147-149 fragmented soft car- bonaceous rock (av. core length = 1/2 in.) 157 positive ZnO test on fracture	0%	n.s.	10'				

NORANDA EXPLORATION CO. LTD.

Property: REDFERN PLATEAU

Project No.: 1014

Hole No. BE - 2

Sheet No. 3 of 5

Core Size AQ

Logged by: Fairbank

Lat.	Elev.	Dip	Collared
Dep.	Depth	Bearing	Completed

Footage	Rec'y	Rock Type/Alteration	Graphic Log	Mineralization/Structure	% Sulfides	Sample No.	Assays				
							Lt				
160-170	97%	Dunedin Fm (LIMESTONE) as above 164-166 sandy lam- inated LIMESTONE	Ca	Calcite stringers 3-4/Ft 171.5 speck of Pbs in calcite	0%	n.s.	10'				
170-180	97%		Ca	171.5-172 massive calcite 174-187 broken rock. Average core length = 1 in.	fr Pbs	n.s.	10'				
180-190	95%		gr	182- graphite with calcite	0%	n.s.	10'				
190-200	95%	Dunedin Fm (LIMESTONE) -micritic, massive -splotchy colouration medium and dark grey	Ca	198 graphite along fracture	0%	n.s.	10'				
200-210	100%	-decrease in fossil con- tent -increased competence core lengths up to 2Ft.	Ca	201-207 graphite along frac- tures	0%	n.s.	10'				
210-220	100%	213-218 abundant amphipora	Ca	211-213 graphite along fractures	0%	n.s.	10'				
220-230	100%	Core lengths up to 4 Ft.	Ca	220-graphite along bedding planes (irregular sur- faces)	0%	n.s.	10'				
230-240	100%		bi	233-234 massive barite	0%	n.s.	10'				

NORANDA EXPLORATION CO. LTD.

 Property: REDFERN PLATEAU

 Project No.: 1014

 Hole No. BE - 2

 Sheet No. 4 of 5

 Core Size AQ

 Logged by: Fairbank

Lat.

Elev.

Dip

Collared

Dep.

Depth

Bearing

Completed

Footage	Rec'y	Rock Type/Alteration	Graphic Log	Mineralization/Structure	% Sulfides	Sample No.	Assays				
							Lt				
240-250	100%	Dunedin Fm (LIMESTONE) -micritic, massive -spotty colouration, medium and dark grey	<i>ba</i> <i>gr</i> <i>ba</i>	-calcite stringers 1-2/ft -graphite along irregular bedding planes + fractures 246-247 massive barite	0%	n.s.	10'				
250-260	100%	-some fossiliferous sections 243-251 small brachiopods + amphipora	<i>ba</i> <i>gr</i>	256-257.5 massive barite	0%	n.s.	10'				
260-270	100%		<i>ba</i> <i>ba</i> <i>ca</i>	260-261, 261.5-262, 264-265, 266.5-267, 269.5 massive barite	0%	n.s.	10'				
270-280	100%		<i>ba</i> <i>gr</i> <i>ca</i>	271 massive barite with calcite 272-6" section of massive barite	0%	n.s.	10'				
280-290	100%	288.5-290.5 amphipora	<i>ba</i> <i>gr</i> <i>ca</i>	285 5" section massive barite with calcite 2" section containing unidentified mineral samples	0%	Y8851	10'				
290-300	100%		<i>ba</i> <i>gr</i>	294-297 massive barite	0%	n.s.	10'				
300-310	97%		<i>ba</i> <i>gr</i>	303-304, 304.5-305.5 massive barite 306 unidentified brownish mineral as at 285 positive ZnO test	0%	n.s.	10'				
310-320	97%		<i>ba</i> <i>gr</i>	3/2 reddish oxide on fractures	0%	n.s.	10'				

NORANDA EXPLORATION CO. LTD.

Property: REDFERN PLATEAU
 Project No.: 1014

Hole No. BE - 2
 Sheet No. 5 of 5
 Core Size AQ
 Logged by: Fairbank

Lat.	Elev.	Dip	Collared
Dep.	Depth	Bearing	Completed

Footage	Rec'y	Rock Type/Alteration	Graphic Log	Mineralization/Structure	% Sulfides	Sample No.	Assays				
							Lt				
320-330	100%	Duredin Fm (LIMESTONE) -micritic, massive -splotchy colouration, medium and dark grey. only a few fossiliferous sections	ba gr ca	Calcite stringers 1-4/ft graphite common on fractures and irregular bedding planes 320-321, 323-323.5 massive barite 323 positive Zno test 333.5-343 (10' section) massive barite/calcite 333.5 very fine grained minor amount of sphalerite (?)	0%	n.s.	10'				
330-340	95%		gr ba		fr	n.s.	10'				
340-350	100%	341-355 slightly fossiliferous (amphipora and brachiopods).	gr ca		0%	n.s.	10'				
350-360	100%		ba	355-359 massive barite	0%	n.s.	10'				
360-370	100%	359.5-363 amphipora 367.5-368.5 amphipora	gr ca	359.5-373 increase in graphite (up to 5% of rock) 363-364 massive calcite	0%	n.s.	10') To Gacina 365-372
370-380	100%		ca	377-378.5 massive calcite	0%	n.s.	10')
380-388	100%	small 383-388 brachiopods	ca		0%	n.s.	8'				
END	OF	HOLE									

Buo. Fairbank

NORANDA EXPLORATION CO. LTD.

Property: REDFERN PLATEAU (BE claims)
 Project No.: 1014

Hole No. BE - 3
 Sheet No. 1 of 4
 Core Size AQ
 Logged by: Fairbank

Lat. 210 N Elev. 6204.2 Dip -450 Collared June 30/74
 Den. 206 E Depth 301' Bearing 300° Completed July 1/74

Footage	Rec'y	Rock Type/Alteration	Graphic Log	Mineralization/Structure	% Sulfides	Sample No.	Assays							
							Lt							
0-8		overburdern					8'							
8-20	97%	Dunedin Fm(LIMESTONE) -micritic, massive -medium to dark grey -fossiliferous (mainly amphipora)		Calcite stringers 1-4/ft Rock broken to 34'	0%	10-15 Y8852 15-20 Y8853	5'							
20-30	97%	↓ 48 and 50 thin small (less than 1/2 in.) brachiopod fossils		Minor graphite	0%	Y8854 Y8855	5'							
30-40	97%	34 Dunedin Fm(LIMESTONE) -same as above except only rare fossils		33-33.5 massive calcite and calcite cemented Breccia	0%	n.s.	10'							
40-50	97%	↓ 54 Dunedin Fm(LIMESTONE) -as above except fossiliferous (mainly amphipora)		52-54 1/4 in wide calcite vein parallel to core with dark reddish brown oxide stain	0%	n.s.	10'							
60-70	97%	↓ 75 Dunedin Fm(LIMESTONE) -micritic massive -medium to dark grey -non-fossiliferous		calcite stringers 1/ft graphite common along irregular surfaces (to 75")	0%	n.s.	10'							
70-80	97%				0%	n.s.	10'							

NORANDA EXPLORATION CO. LTD.

Property: REDFERN PLATEAU
Project No.: 1014

Hole No. BE - 3

Sheet No. 2 of 4

Lat.

Elev.

Dip

Collared

Core Size AQ

Dep.

Depth

Bearing

Completed

Logged by: Fairbank

Footage	Rec'y	Rock Type/Alteration	Graphic Log	Mineralization/Structure	% Sulfides	Sample No.	Assays				
							Lt				
80-90	95%	Dunedin Fm (LIMESTONE) -medium to dark grey -micritic, massive -non-fossiliferous		Calcite stringers 1-3/ft	0%	n.s.	10'				
90-100	100%	91 Dunedin Fm (LIMESTONE) -medium to dark grey -micritic, massive -fossiliferous, mainly amphipora.		Minor graphite	0%	n.s.	10'				
100-110	100%	101 Dunedin Fm (LIMESTONE) -same as above except decrease in fossil content.			0%	n.s.	10'				
110-120	100%			113 bedding (from colour variation) at 44° from long. core axis minor graphite	0%	n.s.	10'				
120-130	100%	125 Dunedin Fm (LIMESTONE) -splotch colouration medium and dark grey -micritic, massive -fossiliferous (amphi- pora and others)		Calcite stringers 1/ft minor graphite	0%	n.s.	10'				
130-140	97%				0%	n.s.	10'				
140-150	100%			minor graphite	0%	Y8856 Y8857	5' 5'				
150-160	100%			graphite along irregular surfaces	0%	Y8858 Y8859	5' 5'				

NORANDA EXPLORATION CO. LTD.

Property:

REDFERN PLATEAU

Project No.:

1014

Hole No. BE - 3

Sheet No. 3 of 4

Lat.

Elev.

Dip

Collared

Core Size AQ

Dep.

Depth

Bearing

Completed

Logged by: Fairbank

Footage	Rec'y	Rock Type/Alteration	Graphic Log	Mineralization/Structure	% Sulfides	Sample No.	Assays				
							Lt				
160-170	100%	Dunedin Fm(LIMESTONE) -micritic, massive -medium to dark grey to brownish grey -fossiliferous(amphipora and others)		Calcite stringers 1-4/ft Minor graphite	0%	n.s.	10'				
170-180	100%	rare small brachiopod fossils.			0%	n.s.	10'				
180-190	100%				0%	n.s.	10'				
190-200	100%				0%	n.s.	10'				
200-210	97%				0%	n.s.	10'				
210-220	100%				0%	n.s.	10'				
220-230	100%			231.6 reddish oxide on fracture minor graphite	0%	n.s.	10'				
230-240	95%				0%	n.s.	10'				

NORANDA EXPLORATION CO. LTD.

Property: REDFERN PLATEAU
 Project No.: 1014

Hole No. BE - 3
 Sheet No. 4 of 4
 Core Size AQ
 Logged by: Fairbank

Lat.	Elev.	Dip	Collared
Dep.	Depth	Bearing	Completed

Footage	Rec'y	Rock Type/Alteration	Graphic Log	Mineralization/Structure	% Sulfides	Sample No.	Assays				
							Lt				
240-250	100%	Dunedin Fm (LIMESTONE) -micritic, massive -medium to dark grey to brownish grey		Calcite stringers 1-5/ft	0%	n.s.	10'				
250-260	100%	-fossiliferous (amphipora and others) -rare brachiopod fossils 258-263 decrease in fossil content			0%	n.s.	10'				
260-270	100%				0%	n.s.	10'				
270-280	100%	270 Dunedin Fm (LIMESTONE) same as above except decrease in fossil content Fossiliferous sections mainly amphipora.		279 brownish oxide on fracture	0%	n.s.	10'				
280-290	97%	283-285 abundant amphipora		285 Angle of bedding to longitudinal core axis = 45°	0%	Y8860 Y8861	5' 5'				
290-301		293-298 abundant amphipora		291,5-293 increase in calcite veining 5-10/in Light brown oxide on fractures	0%	Y8862 Y8863	5' 6'				
				300 Angle of bedding to long Core axis = 42°							
END	OF	HOLE									

Bruce Fairbank

NORANDA EXPLORATION CO. LTD.

Property: REDFERN PLATEAU

Project No.: 1014

Hole No. BE - 4

Sheet No. 1 of 5

Lat. 105 + 50 N

Elev. 6184

Dip -90°

Collared July 2/74

Core Size AQ

Dep. 210 + 00 E

Depth 391

Bearing --

Completed July 5/74

Logged by: Fairbank

Footage	Rec'y	Rock Type/Alteration	Graphic Log	Mineralization/Structure	% Sulfides	Sample No.	Assays							
							Lt							
0-6		overburden					6'							
6-20	85%	Dunedin Fm(LIMESTONE) -medium to dark grey -micritic, massive -slightly fossiliferous (amphipora and others)	Ca	calcite stringers 1-5/ft -rock broken and weathered along fractures Dip of bedding - 10°	0%	Y8792 Y8793	9' 5'							
20-30	95%	↓	Ca	28 calcite stringers 1-5/ft	0%	Y8794 Y8795	5' 5'							
30-40	97%	decrease in fossil content. Some fossiliferous sections(amphipora and others)	Ca	39 minor reddish oxide	0%	n.s.	10'							
40-50	95%	↓	Ca		0%	n.s.	10'							
50-60	100%	54 Dunedin Fm(LIMESTONE) -medium to dark grey -micritic, massive -slightly fossiliferous (amphipora and others)	Ca	50 graphite along irregular bedding planes and on fracture surfaces	0%	n.s.	10'							
60-70	100%	↓	Ca		0%	n.s.	10'							
70-80	95%	75 same as above except medium to light grey colour.	Ca	75 broken rock, Crystalline calcite and open spaces in some fractures	0%	n.s.	10'							

NORANDA EXPLORATION CO. LTD.

 Property: REDFERN PLATEAU

 Project No.: 1014

 Hole No. BE - 4

 Sheet No. 2 of 5

 Core Size AQ

 Logged by: Fairbank

Lat.

Elev.

Dip

Collared

Dep.

Depth

Bearing

Completed

Footage	Rec'y	Rock Type/Alteration	Graphic Log	Mineralization/Structure	% Sulfides	Sample No.	Assays				
							Lt				
80-90	97%	Dunedin Fm (LIMESTONE) - medium grey - micritic massive - fossiliferous (amphipora and others)		calcite stringers 1-5/ft rock well fractured. Sparry calcite, open spaces in some fractures	0%	n.s.	10'				
90-100	97%	90-94 small brachiopod fossils 93 Dunedin Fm (LIMESTONE) - dark grey - micritic, massive - slightly fossiliferous (amphipora and others)		93 graphite along irregular bedding planes, calcite stringers 1-3/ft 97	0%	n.s.	10'				
100-110	100%	112-113 1/2 light grey non-fossiliferous, sandy lmst. 118 Dunedin Fm (LIMESTONE)			0%	n.s.	10'				
110-120	100%	- uniform medium grey - micritic, massive - only a few fossiliferous sections - brittle		120 increase in graphite, calcite stringers 0-2/ft 125 come sect. with jigsaw mosaic texture. Soft sediment deformation?	0%	n.s.	10'				
130-140	100%	140-142 abundant amphipora		graphite up to 2%	0%	n.s. Y8796	5' 5'				
140-150	100%	142 Dunedin Fm (LIMESTONE) - uniform medium grey - micritic massive - no fossils - brittle		142 dip of bedding = 34° traces of fine grained pyrite in the limestone	trpy	Y8797 Y8798	5' 5'				
150-160	100%			aggregate blebs of fine grained pyrite up to 1/2 in. across	5% py	Y8799 Y8800	5' 5'				

NORANDA EXPLORATION CO. LTD.

Property:

REDFERN PLATEAU

Project No.:

1014

Hole No. BE-4

Sheet No. 3 of 5

Lat

Elev.

Dip

Collared

Core Size AQ

Dep.

Depth

Bearing

Completed

Logged by: Fairbank

Footage	Rec'y	Rock Type/Alteration	Graphic Log	Mineralization/Structure	% Sulfides	Sample No.	Assays				
							Lt				
160-170	100%	Dunedin Fm(LIMESTONE) -uniform medium grey -massive, very fine grained	/	-calcite stringers 1/2ft -up to 2% graphite along irregular bedding planes + fractures. some sections with infilled cracks with jigsaw mosaic texture	.1py tr	Y8801	5'				
			py		Pbs	Y8802	5'				
170-180	95%	no fossils -brittle	gr py	traces of very fine galena	tr	Y8803	5'				
					py	Y8804	5'				
180-190	95%	183 Dunedin Fm(LIMESTONE) -dark grey, micritic, fossiliferous(mainly amphipora)	gr	183 calcite stringers 0-1/2ft graphite along fractures + irregular bedding planes dip of bedding = 35°	trpy	n.s.	10'				
190-200	100%	193 Dunedin Fm(LIMESTONE) -medium grey -very fine grained, massive	gr	-minor pyrite very fine grain in limestone	trpy	n.s.	10'				
200-210	100%	-no fossils, brittle 207 Dunedin Fm(LIMESTONE) -medium to dark grey -massive, fine grain -rare fossils	gr		trpy	n.s.	10'				
210-220	100%		gr	-rare very fine grained py 219 dip of bedding = 35°	trpy	n.s.	10'				
220-230	100%	225 Dunedin Fm(LIMESTONE) -medium grey -fine grained, massive -no fossils	gr		0%	n.s.	10'				
230-240		237-242 soft graphitic LIMESTONE	gr		trpy	n.s.	10'				

NORANDA EXPLORATION CO. LTD.

Property:

REDFERN PLATEAU

Project No.:

1014

Hole No. BE - 4

Sheet No. 4 of 5

Lat.

Elev.

Dip

Collared

Core Size AQ

Dep.

Depth

Bearing

Completed

Logged by: Fairbank

Footage	Rec'y	Rock Type/Alteration	Graphic Log	Mineralization/Structure	% Sulfides	Sample No.	Assays				
							Lt				
240-250	90%	242 Dunedin Fm(LIMESTONE) -medium to light grey -micritic, massive -only rare fossiliferous sections	X	242 marked decrease in graphite content, calcite stringers 0-2/ft 242-260 very blocky, core lengths 2-4 in.	tr py	n.s.	10'				
250-260	90%	-brittle	X		tr py	n.s.	10'				
260-270	97%		/	Core lengths to 1 ft.	0%	n.s. Y8805	5' 5'				
270-280	97%	272-273 amhipora	/	278 small bleb of galena and pyrite	trPy trPbs trPy	Y8806 Y8807	5' 5'				
280-290	97%	<u>no</u> barite <u>no</u> dolomitization	bs tr py	279-285 graphite up to 4% of rock. Galena intimately associated with graphite. Aggregate blebs of galena are up to 1/4 in. across	.5Pbs 7Py trPbs trPy	Y8808 Y8809	5' 5'				
290-300	97%	291 amhipora	bs	293 graphite 294 galena in 1/8 in. wide calcite rein	trPbs trPy trPy	Y8810 Y8811	5' 5'				
300-310	97%	medium to dark grey, splotchy colouration 304-311 fine grained Limestone as above		302 graphite in fracture 307 galena in fracture	0% trPbs	Y8812 Y8813	5' 5'				
310-320	100%			316 graphite in fracture	0% 0%	Y8814 n.s.	5' 5'				

VORANDA EXPLORATION CO. LTD.

Property: REDFERN PLATEAU

Project No.: 1014

Hole No. BE - 4

Sheet No. 5 of 5

Lat

Elev.

Dip

Collared

Core Size A0

Drop

Depth

Bearing

Completed

Logged by: Fairbank

Footage	Rec'y	Rock Type/Alteration	Graphic Log	Mineralization/Structure	% Sulfides	Sample No.	Assays				
							Lt				
320-330	95%	Dunedin Fm (LIMESTONE) -medium to dark grey -micritic, massive -only rare fossils 323-325 thin brachiopod fossils (up to 4 in.)		Calcite stringers 0-2/ft rock blocky	0%	n.s.	10'				
330-340	90%	323 large brachiopod fossils (up to 1 in)		329.5 minor iron oxide on fracture surface 336 minor iron oxide on fracture surface	0%	n.s.	10'				
340-350	85%			338,341 reddish oxide with calcite 348-351 cavity	0%	n.s.	10'				
350-360	100%	356-359 splotchy coloration medium & dark grey		350 353 reddish oxide on fracture surface 355 minor graphite	0%	n.s.	10'				
360-370	100%	366 splotchy colouration medium & dark grey		362,367 reddish oxide on fracture surface.	0%	n.s.	10'				
370-380	100%	376 370-374 fossiliferous amphipora & brachiopods (up to 1 in)			0%	Y8815 Y8816	5' 5'				
380-391	95%			381,386,388,390-391 rock fragmented 383 dip of bedding = 12°	0%	Y8817 Y8818	5' 6'				

END OF HOLE

Bruce Fairbank

NORANDA EXPLORATION CO. LTD.

Property:

REDFERN PLATEAU

Project No.:

1014

Hole No. BE - 5

Sheet No. 1 of 3

Lat. 118 + 00 N

Elev. 6189.7

Dip -90°

Collared July 5/74

Core Size A0

Dep. 196 + 00 E

Depth 201

Bearing -

Completed July 6/74

Logged by: Fairbank

Footage	Rec'y	Rock Type/Alteration	Graphic Log	Mineralization/Structure	% Sulfides	Sample No.	Assays				
							Lt				
0-8		overburden					8				
8-20	95%	Dunedin Fm (LIMESTONE) -dark grey -micritic, massive -only a few fossiliferous sections.		Calcite stringers 1/3ft rock broken & weathered to 19'	0%	n.s.	12				
20-30	95%	18 amphipora 24-26 amphipora			0%	n.s.	10'				
30-40	95%	35 small brachiopod fossils (3in)			0%	n.s.	10'				
40-50	95%	44-48 amphipora		40 calcite stringers 1-4/ft 40 sections fragmented 48 fragmented rock (core lengths = 1 in.) partially oxidized	0%	n.s.	10'				
50-60	95%	Dunedin Fm (LIMESTONE) -dark grey -micritic, massive		57 some sections fragmented. Reddish oxide along some fractures	0%	n.s.	10'				
60-70	95%	-slightly fossiliferous (amphipora, brachiopods & others)		69 Reddish oxide along some fractures	0%	n.s.	10'				
70-80	100%				0%	n.s.	10'				

NORANDA EXPLORATION CO. LTD.

Property: REDFERN PLATEAU

Project No.: 1014

Hole No. BE - 5

Sheet No. 2 of 3

Core Size AQ

Logged by: Fairbank

Lat.	Elev.	Dip	Collared
Dep.	Depth	Bearing	Completed

Footage	Rec'y	Rock Type/Alteration	Graphic Log	Mineralization/Structure	% Sulfides	Sample No.	Assays				
							Lt				
80-90	97%	Dunedin Fm(LIMESTONE) -dark grey -micritic, massive -non-fossiliferous		Calcite stringers 1-4/ft 83-85 loosely consolidated sandy mud with calcite in frac- ture 89 reddish oxide with calcite	0%	n.s.	10'				
90-100	95%	93 Dunedin Fm(LIMESTONE) -dark grey -micritic, massive -fossiliferous (amphipora and others)			0%	Y1819	10'				
100-110	100%	110 2" section black mudstone			0%	Y1820	10'				
110-120	100%	115-118 non-fossili- ferous			0%	n.s.	10'				
120-130	100%				0%	n.s.	10'				
130-140	95%	135 Dunedin Fm(LIMESTONE) -dark grey -micritic, massive -some fossiliferous sec- tions		133 some fragmented sections	0%	n.s.	10'				
140-150	95%	147 amphipori		142-146 rock fragmented partially oxidized	0%	n.s.	10'				
150-160		153-155 amphipori & others		146-152 reddish oxide along irregular bedding planes Traces of disseminated pyrite oxidized 157 1/2 in section of mud	tr py	n.s.	10'				

NORANDA EXPLORATION CO. LTD. Property: REDFERN PLATEAU
 Project No.: 1014

Hole No. BE - 5
 Sheet No. 3 of 3
 Core Size AQ
 Logged by: Fairbank

Lat. _____ Elev. _____ Dip _____ Collared _____
 Dep _____ Depth _____ Bearing _____ Completed _____

Footage	Rec'y	Rock Type/Alteration	Graphic Log	Mineralization/Structure	% Sulfides	Sample No.	Assays					
160-170	97%	Dunedin Fm(LIMESTONE) -medium to dark grey -micritic, massive -no fossils		Calcite stringers 0-1/3ft graphite at bedding interfaces 160 fine grained disseminated fresh & oxidized pyrite	0.2 PY	Y1821	10'					
170-180	95%	171 amphipora and others		minor graphite 179-180.5 oxidized fragmented crumbly rock	0.2 PY	Y1822	10'					
180-190	97%			190	0.1 PY	n.s.	10'					
190-201	97%	Dunedin Fm(LIMESTONE) -dark grey -micritic, massive -fossiliferous (amph- ipora and others)		reddish oxide on fracture surfaces	tr PY	n.s.	11'					
END	OF	HOLE										





Brian Fairbank

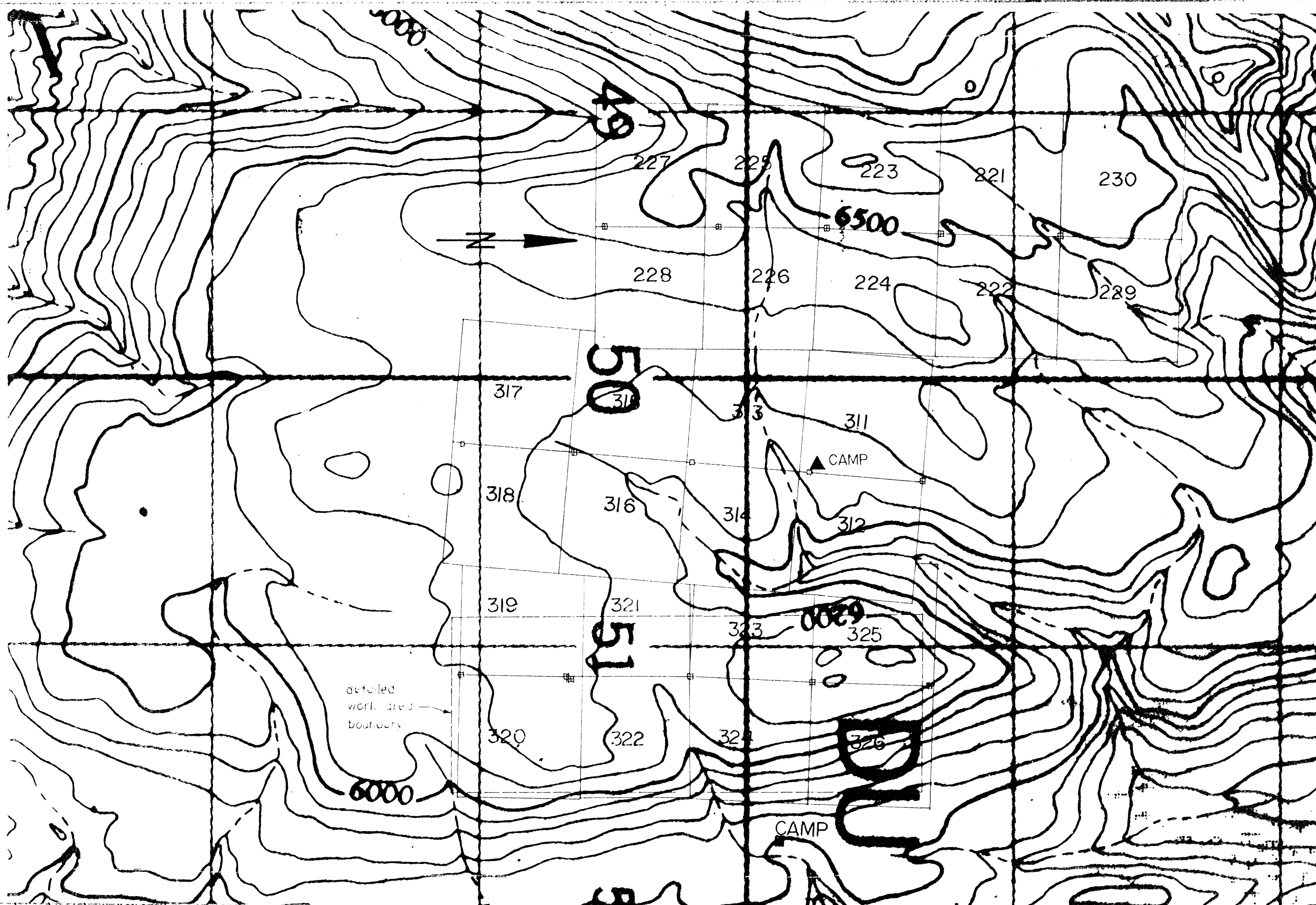
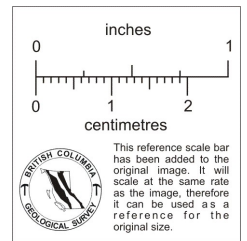
NORANDA EXPLORATION
CLAIM and TOPOGRAPHY
MAP

REDFERN PLATEAU GROUP
BE CLAIMS

SCALE 1" = 1000' DATE: DEC. 1974
SURVEYED BY: B. FAIRBANK and
T. PEDERSEN

LEGEND

-  CLAIM POST: tied into 1973 soil grid by chain and compass methods
-  CLAIM POST approximate position
-  1973 NORANDA CAMP location
-  1974 NORANDA CAMP location



To Accompany Diamond Drill

Report By D. Pegg

D. Pegg

REPORT TO MINISTER OF MINES AND PETROLEUM RESOURCES

PURSUANT TO SECTION 52 SUBSECTION 2 (b)

Claim Names: BE 221-30, 311-26

Record Numbers: 61165-90

Mining Division: Liard

Date of Forfeiture: June 12, 1975

EXPLORATION AND DEVELOPMENT DONE:

	<u>YES</u>	<u>NO</u>	<u>REPORT ATTACHED</u>	<u>MAP ATTACHED</u>	<u>ASSESSMENT REPORT FILED</u>	<u>COST</u>
PROSPECTING	—	—	—	—	—	—
GEOLOGICAL	<u>x</u>	—	—	—	<u>5/1/73</u>	<u>1,000</u>
GEOPHYSICAL	—	—	—	—	—	—
GEOCHEMICAL	<u>x</u>	—	—	—	<u>5/1/73</u>	<u>4,200</u>
SURFACE	—	—	—	—	—	—
AIRBORNE	—	—	—	—	—	—
LINE PREPARATION	—	—	—	—	—	—
DIAMOND DRILLING	<u>x</u>	—	<u>x</u>	<u>x</u>	—	<u>51,000</u>
ROAD WORK	—	—	—	—	—	—
RECLAMATION	—	—	—	—	—	—

Geological-Geochemical assessment reports filed

5/1/73

Cost was approximately

\$5,200.00

TOTAL

56,200

September 30, 1975

Noranda Exploration Company Limited
P.O. Box 2380
Vancouver, B.C.
V6B 3T5

Dear Sirs:

Re: Des 1-36, LP 1, 21-28, Kamloops Mining
Division; BE 221-230, 311-326, Liard
Mining Division; Wendy 1, 3, 5, 7, 9,
DA 9-12, 21-24, 29-32, 34, 55, 57-60,
71-78, Bear 1-6, 1-3 Fr., 6-7 Fr.,
Omineca Mining Division

Thank you for your letter dated September 26, 1975,
and the information submitted pursuant to Section 52 of the
Mineral Act with respect to the above noted mineral claims.

Yours very truly,

R. Rutherford
Deputy Chief Gold Commissioner

bmh

Noranda Exploration Company, Limited
 (no personal liability)
 P.O. Box 2380,
 Vancouver, B.C.
 V6B 3T5

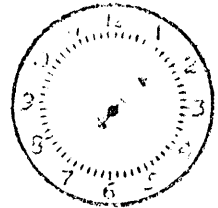
noranda

1050 Davie Street
 Phone (604) 684-9246
 Telex 04-51331

10065

SEP 29 '75 PM

September 26, 1975



The Honourable Leo T. Nimsick
 Minister of Mines and Petroleum Resources
 Parliament Buildings
 Victoria, B.C.

DEPT. OF MINES
 AND PETROLEUM RESOURCES

Re: Des 1-36, LP 1, 21-28, Kamloops Mining Division,
 BE 221-30, 311-26, Liard Mining Division,
 Wendy 1,3,5,7,9, DA 9-12,21-24,29-32,34,55,57-60,
 71-78, Bear 1-6,1-3Fr,6-7Fr, Omineca Mining Division.

Dear Sir

Pursuant to Section 52, Subsection 2 (b) of the Mineral Act,
 enclosed please find a report on the above noted forfeited Mineral
 Claims.

Yours truly

W. W. Young
 Coordinator

Encl:
 WWY/do

REFERRED TO	DATE	INITIAL
D.M.		
ADM (A)		
ADM (G)		
ADM (O)		
ADM (P)		
O.G.C.		
C.P.R.		
D.O.C.C.		
G.C.		
ACCTS.		
GEOL.		
INSP.		
M. REV.		
M. DEV.		
FILE NO.		
FILING CLERK		

Handwritten notes and signatures:
 - Large handwritten initials 'BR' in the top left.
 - A large signature across the 'M. REV.' and 'M. DEV.' rows.
 - A signature in the 'C.P.R.' row.
 - A date '3/10/75' written in the 'FILE NO.' column.
 - A large handwritten 'R' or 'B' in the bottom left corner.