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NORANDA EXPLORATION COMPANY LIMITED

REPORT

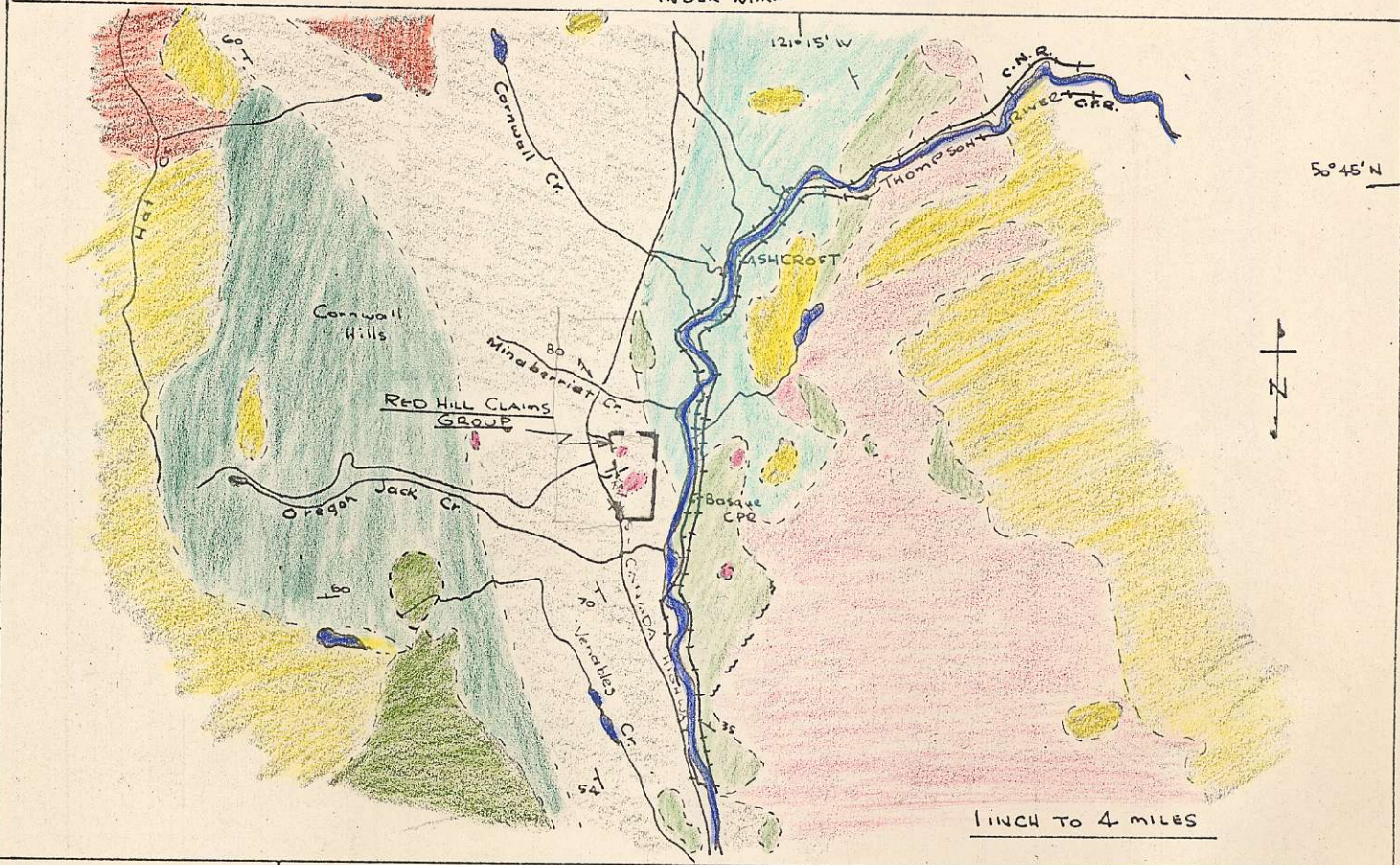
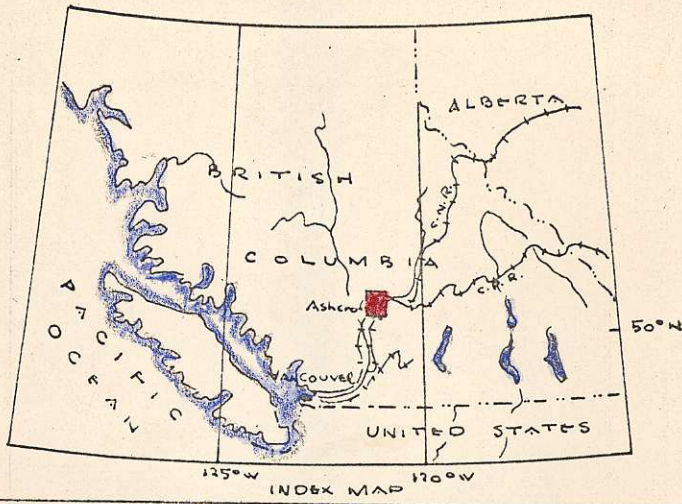
of the

RED HILL PROPERTY

Ashcroft Area, B.C.

January 1963.

D. Pegg.

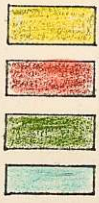


D.E.P.

LOCATION MAP - RED HILL
 NORANDA EXPLORATION COMPANY LIMITED
 Ashcroft Area, B.C.

JAN. 1963.

TERTIARY - Basalt, andesite, rhyolite
 " - Sandstone, shale, conglomerate
 LOWER CRETACEOUS - Volcanics and Sediments
 MID JURASSIC - Sediments - shale, sst, cgl.



UPPER TRIASSIC Nicola - Volcanics & Sediments
 PERMIAN Cache Creek - greenstones, schists, seds.
 " Marble Canyon - Limestone
 JURASSIC Gushon Cr. (?) - granite, granodiorite, diorite



NORANDA EXPLORATION COMPANY LIMITED

Report of the
RED HILL PROPERTY
Ashcroft Area, B.C.

EXPLORATION 1963

An extensive program of surface exploration was carried out by Noranda during the late summer and fall of 1962. The work was started in August and continued until November 15.

LOCATION AND ACCESS

This property is located ten miles south and west of Ashcroft, B.C. at approximate coordinates $50^{\circ} 40'$ Latitude and $121^{\circ} 20'$ Longitude.

The main showings are less than one mile east of the Trans-Canada Highway #1, and may be reached by good dirt roads.

CLAIMS

The claims consist of;

- TS-1 to TS-5 (inclusive)
- M-1 to M-10 (inclusive)
- M-12 to M-22 (inclusive)
- M-1 Fraction to M-10 Fraction (inclusive)

These belong to H. Reynolds of Lillooet, B.C.

TOPOGRAPHY AND PHYSICAL ENVIRONMENT

Ashcroft area is typical of the interior plateau east of the Coast Range, with rolling uplands, occasionally dissected deeply by streams such as the Thompson River, and by smaller ones.

Red Hill is a slightly isolated ^{two} lobed mass, elliptically shaped in plan, with elevations ranging from approximately 1200 feet to 2800 feet.

There is some scattered tree growth above 1500 feet, cactus and

bunch grass generally below this elevation. Actual outcrop is probably less than 10% of the area.

There is no water supply on the property, but arrangements were made to truck water from Oregon Jack Creek, a small creek, where it flows across the Basque Ranch holdings.

Average annual rainfall at Ashcroft is 8 inches.

Slopes on the property range from 5 degrees to 20 degrees on the westerly slopes and are generally slightly steeper on the northerly and easterly slopes.

GEOLOGY

The Cache Creek Group on Red Hill consists of green igneous porphyritic rocks and of brown igneous porphyritic rocks, presumably volcanics. These are sheared North 50° West approximately, with near vertical dip, and thus parallel the regional trend.

Generally the green porphyritic rocks have been altered to chlorite-talc schist or siliceous chlorite-talc schist. The brown porphyritic rocks have been altered to talc schists or siliceous-talc schists.

Gradations from unaltered to altered rock can be seen to the south east of the claims group, and the degree of alteration depends directly on how strongly the rocks have been sheared.

Cache Creek rocks in this area appear to be underlain at a shallow depth by what is presumed to be a small outlier stock of the Guichon Batholith to the east. The stock is a granodiorite which is of a noticeable green color, due to epidote.

The intrusive appears as a large mass to the south and a smaller mass to the north-west, with numerous small dykes and irregular bodies throughout the whole of Red Hill.

0.15
0.19
0.95

There is no shearing in the larger masses of intrusives, but most of the smaller dykes and bodies appear to be parallel to the shearing. There may have been later shearing after the emplacement of the intrusive, as one of the strongest zones of shearing is along the flanks of the northwest stock.

All the shear zones contain some copper, plus gold and silver values, but the best values were found adjacent to the large shear zones close to the northwest stock.

Mineralization adjacent to the large stock to the south was negligible.

MINERALIZATION

Primary mineralization consists essentially of pyrite, with gold and silver values, and sporadic chalcopyrite.

The pyrite appears disseminated in grains rather than as a massive sulphide. The zones of heavy sulphide are a result of increase in size and density of these grains.

Weathering has produced a shallow residual soil and gossan on the rock. Both soil and gossan have been extremely enriched in copper. At one place, in a bulldozed trench at 12 West/ O+50 South, malachite minor azurite were deposited in the soil at the upper limit of the water table, in the caliche zone.

The malachite has precipitated out as the copper balls coating some of the more calcic pebbles. In places these are quite striking to the eye.

The rusty gossan has no obvious copper, yet it returned very high copper values ranging from trace to 3% copper. The gossan is quite shallow generally, and one would not have expected to get such high values.

Chalcocite is the only secondary mineral positively identified, although tenorite and melaconite may have been present.

Intensity of gossan development is roughly proportional to the size of the shear zone and the amount of pyrite contained in the parent rock.

TRENCHING

An extensive program of trenching by D-6 Caterpillar and D-8 Caterpillar was included in the work. The D-8 with blade and rippers was necessary for proper results. Bedrock was exposed by this method in many locations on the westerly slopes, especially on gossan zones, and at locations where positive soil sampling results had been obtained. At some locations on top(6-S/8-E) and at lower limits (6-S/10-W) clay and gravel till and debris was too thick to reach bedrock by bulldozer.

GEOPHYSICS

1) JUNIOR E.M.

A survey by Crone Electromagnetic instruments showed no massive sulphide bodies present, or they would have been picked up. High readings on the lower flats to the west of the claims group are probably due to surface salts. The low frequency confirmed this as due to surface salts.

2) MAGNETOMETER

An Askania Torsion Balance instrument was used for this survey. It gives a very good correlation with the geological boundaries of intrusive masses, but appears to be of no value in tracing mineralized zones.

3) SELF POTENTIAL

A Sharpe Self Potential unit was used across a few known zones of mineralization on Section lines 0-S, 2-S, 4-S, 6-S and 8-S to the west

of 0+00 Base Line.

A low but positive correlation was given. This survey was abandoned because of frequent instrument breakdown, and as a result we are unable to adequately assess the value of this type of survey.

GEOCHEMISTRY

1) SOIL SAMPLING

The Total Copper technique was used for this survey and proved to be extremely effective.

Even exceedingly weak zones of mineralization were unmistakably revealed with this technique.

A possible explanation for the positive results is due to the fact that there is considerable pyrite and a little copper present. In addition, the weathering conditions in the relatively warm, arid climate are proper to start a residual soil.

The soil in this particular area consists essentially of "B" Horizon.

DIAMOND DRILLING

Seven holes were drilled by X-Ray drill to a total of 587 feet of E Core.

One hole for A-X Core was drilled to 303 feet with larger Diesel drill.

The locations for these holes were chosen on the strongest and best mineralized zones.

All holes were drilled in mineralized shear zones, and all holes intersected sulphides in these shear zones. However, the amount of sulphides- especially copper- was distressingly low.

Attempts to project zones with higher copper values proved fruitless, the conclusion being that the zones are too small and too discontinuous to approach economic consideration.

Logs and assays of all drill holes are included with the report.

CONCLUSIONS:

The geological and geophysical surveys and diamond drilling program carried out between August and November, 1962 by Noranda Exploration Company Limited on the Red Hill Groups of mineral claims did not reveal any appreciable copper mineralization.

Respectfully submitted,

Daniel E. Pegg,

January 24, 1963.

List of Enclosures

Diamond Drill Hole Logs and Assays

Claims Map 1" = 1500'

Magnetometer Survey Map 1" = 400'

Soil Sampling Survey Map 1" = 400'

Jr. E-M Survey Map 1" = 400'

Surface Geology Map 1" = 100'

Self Potential Survey Map 1" = 100'

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Noranda Exploration Company, Limited

RED HILL OPTION

Diamond Drill Hole Logs and Assays

NORANDA EXPLORATION COMPANY LIMITED

PROPERTY

Red Hill

SHEET NO.

1

LAT. N68° E to 0+00
0+105D.D.H. NO. 1DIP -40°

CLIV.

START Sept. 26, 1962DEP. 1+20W

BEARING

N39° E

DEPTH

101'

END

AGE

<u>FOOT</u>	<u>REC'D</u>	<u>ROCK</u>	<u>MINERALIZATION</u>	<u>NO.</u>	<u>LENGTH</u>
0- 5		Casing			
5- 22½	60	Sil. dyke: Tr malachite and sulphides.			
22½-63	75	Gray green por. andesite. Py @ 25-25½ @ 29½-30 @ 44 @ 46-46½ Tr Cu.			
63- 65	50	Gray sil. rock with talcy shears			
65-69	90	Gray andesite, talcy shears			
69-71	85	White fine grain sil. rock. No sulphides.			
71-101	75	White speckled sil. andesite with talcy shears. Minor sulphides.			

- END -

For Assays - See Sample Report

Noranda Exploration Company, Limited

Red Hill Assays

DATE Oct. 5, 1962

<u>NO.</u>	<u>D.D.H.</u>	<u>FOOTAGE</u>	<u>Au</u>	<u>Ag</u>	<u>Cu</u>	<u>LENGTH</u>	<u>Rec'y</u>	<u>TYPE</u>	<u>SAMPLED BY</u>
B9003	D.D.H.#1	5- 10	0.005	0.20	0.03	5		Core	Hotel
B9004	"	10- 20	Tr	0.20	0.10	10		"	"
B9005	"	20- 25	0.005	0.15	0.13	5		"	"
B9006	"	25- 30	0.01	0.40	0.52	5		"	"
B9007	"	30- 35	0.01	0.20	0.30	5		"	"
B9008	"	35- 40	Tr	0.20	0.20	5		"	"
B9009	"	40- 45	0.005	0.10	0.22	5		"	"
B9010	"	45- 50	0.01	0.20	0.12	5		"	"
B9011	"	50- 55	0.005	Tr	0.22	5		"	"
B9012	"	55- 60	Tr	0.10	0.12	5		"	"
B9013	"	60- 65	0.02	0.30	0.17	5		"	"
B9014	"	65- 70	Tr	0.20	0.20	5		"	"
B9015	"	70- 75	0.01	Tr	0.27	5		"	"
B9016	"	75- 80	Tr	0.15	0.08	5		"	"
B9017	"	80- 85	Tr	0.40	0.07	5		"	"
B9018	"	85- 90	Tr	0.10	0.05	5		"	"
B9019	"	90- 95	Tr	0.20	0.12	5		"	"
B9020	"	95-101	Tr	Tr	0.02	6		"	"

- END OF HOLE -

Noranda Exploration Company, Limited

Red Hill Assays

Oct. 4, 1962

<u>NO.</u>	<u>D.D.H.</u>	<u>FOOTAGE</u>	<u>Au</u>	<u>Ag</u>	<u>Cu</u>	<u>LENGTH</u>	<u>TYPE</u>	<u>SAMPLED BY</u>
B6051	D.D.H.#1	20- 25	Tr	0.50	0.17	5	Sludge	Cranham
B6052	"	25- 30	0.005	0.55	0.40	5	"	"
B6053	"	30- 35	0.005	0.40	0.27	5	"	"
B6055	"	35- 40	0.005	0.40	0.18	5	"	"
B6056	"	40- 45	0.005	0.45	0.15	5	"	"
B6057	"	45- 50	0.005	0.25	0.22	5 ³⁴⁵	"	"
B6058	"	50- 55	Tr	0.40	0.32	5 ⁵⁰	"	"
B6059	"	55- 60	Tr	0.30	0.33	5	"	"
B6060	"	60- 65	Tr	0.30	0.28	5	"	"
B6061	"	65- 70	Tr	0.35	0.40	5	"	"
B6062	"	70- 75	Tr	0.35	0.40	5	"	"
B6063	"	75- 80	0.005	0.20	0.20	5	"	"
B6064	"	80- 85	Tr	0.40	0.27	5	"	"
B6065	"	85- 90	Tr	0.30	0.15	5	"	"
B6066	"	90- 95	0.005	0.55	0.15	5	"	"
B6067	"	95-101	0.005	0.50	0.17	6	"	"

NORANDA EXPLORATION COMPANY LIMITED

PROPERTY Red Hill

SHEET NO. 1

Same Location as DDH #3

D.D.H. NO. 2

LAT. 0+20 N DIP -45° ELEV.

START Oct. 8, 1962

DEP. 0+94 W BEARING S DEPTH 102'

END Oct. 8, 1962

FOOT	REG'Y	ROCK	MINERALIZATION	NO.	LENGTH
0- 5		Casing			
5- 8		Sil dyke: Tr malachite			
8- 17½		Green andesite pphy. 8'-10' 20% Sulphides. Tr Cu			
17½-64		Gray ppy andesite. Talcy shears Tr sulphides.			
64-102		Gray-green sil. ppy andesite: Talcy shears. 2% pyrite. 95-102 -- Heavy pyrite. Tr chalcopyrite.			

- END OF HOLE -

For Assays - See Sample Report

Noranda Exploration Company, Limited

Red Hill Assays

Nov. 7, 1962

NO.	D.D.H.	FOOTAGE	Au	Ag	Cu	LENGTH	Rec'y	TYPE	SAMPLED BY
B6068	D.D.H. #2	0- 10	0.005	0.20	0.17	10		Sludge	Cranham
B6069	"	10- 15	0.005	0.10	2.80	5	.74	"	"
B6070	"	15- 20	0.01	0.20	0.75	5		"	"
B6071	"	20- 25	Tr	0.20	0.13	5		"	"
B6072	"	25- 30	0.005	0.05	0.45	5		"	"
B6073	"	30- 35	0.005	0.20	0.20	5		"	"
B6074	"	35- 40	Tr	0.20	0.67	5		"	"
B6075	"	40- 45	Tr	0.20	0.52	5		"	"
B5064	D.D.H.#2	70- 75	Tr	0.20	0.12	5	50%	Core	Pegg
B5065	"	75- 80	Tr	0.25	0.20	5	60%	"	"
B5066	"	80- 85	Tr	0.25	0.15	5	60%	"	"
B5067	"	85- 90	0.005	0.10	0.15	5	45%	"	"
B5068	"	90- 95	0.005	0.20	0.12	5	66%	"	"
B5069	"	95-100	0.005	0.30	0.17	5	60%	"	"
B5070	"	100-101½	0.01	0.70	0.25	1½	61%	"	"

- END -

Noranda Exploration Company, Limited

Red Hill Assays

Oct. 14, 1962

NO.	D.D.H.	FOOTAGE	Au	Ag	Cu	LENGTH	Rec'y	TYPE	SAMPLED BY
B5051	D.D.H.#2	5- 10	0.015	0.35	0.37	18 5' 5	70%	Core	Robinson
B5052	"	10- 15	Tr	0.25	0.60	3 0 0 5	70%	"	"
B5053	"	15- 20	0.005	0.20	0.50	2 5 0 5	75%	"	"
B5054	"	20- 25	Tr	0.50	0.20	1 0 0 5	70%	"	"
B5055	"	25- 30	0.005	0.20	0.30	1 5 0 5	75%	"	"
B5056	"	30- 35	Tr	0.20	0.08	9 8 5' 5	70%	"	"
B5057	"	35- 40	Tr	0.25	0.17	5	90%	"	Noel
B5058	"	40- 45	Tr	0.20	0.13	5	80%	"	"
B5059	"	45- 50	Tr	0.20	0.12	5	65%	"	"
B5060	"	50- 55	Tr	0.20	0.13	5	70%	"	"
B5061	"	55- 60	Tr	0.25	0.07	5	50%	"	"
B5062	"	60- 65	Tr	0.30	0.05	5	45%	"	"
B5063	"	65- 70	Tr	0.10	0.08	5	78%	"	"
B5064	"	70- 75	Tr	0.20	0.12	5	50%	"	Pegg
B5065	"	75- 80	Tr	0.25	0.20	5	60%	"	"
B5066	"	80- 85	Tr	0.25	0.15	5	60%	"	"
B5067	"	85- 90	0.005	0.10	0.15	5	45%	"	"
B5068	"	90- 95	0.005	0.20	0.12	5	66%	"	"
B5069	"	95-100	0.005	0.30	0.17	5	60%	"	"
B5070	"	100-101 1/2	0.01	0.70	0.25	1 1/2	65%	"	"
- END OF HOLE -									
B13251	"	95-100	0.005	0.60	0.30	5		Sludge	Cranham

30) 9 8 5' (328
 9 0 5'
 5 5'
 2 4 0
 Sludge + Ore assays
 30 ft. 5.03

NORANDA EXPLORATION COMPANY LIMITED

PROPERTY Red Hill Property

SHEET NO. 1

D.D.H. NO. 8

LAT. 0 + 20 N DIP -45° ELEV. _____ START _____
 DEP. 0 + 947 BEARING N 42° E DEPTH 100' END _____

FOOT	REMARKS	MINERALIZATION	NO.	LENGTH	REMARKS
0- 24	Talc schist & greenstone, parts chloritic. Sli to well mineralized in pyrite.				
24- 27½	Greenstone talc schist, nearly solid sulphide pyrite. Visible chalcopy. (Spec.) @ 24'. Highly fractured slips. Flecks hematite & 27'3". (Core angle 60°)				
27½- 35	White to gray green talcy schist, few scattered fine stringers pyrite, sericite(?)				
35- 38'2"	Gray-green talcy r. sli. siliceous, parts chloritic. Sli. to well mineralized pyrite.				
38'6"-39'6"	Nearly solid sulphide py, sli chalcopyrite in grey-green talcy rock.				
39'6"-40	grey-green talcy rock. sli. fine pyrite.				
40- 40½	Nearly solid sulphide pyrite w. slight chalcopyrite.				
40½- 83	Gray-green to white talcy schist, contorted parts. Parts sli. pyrite. some calcite stringers. (Core angle 40° @ 60')				
83-100	Dark grey slightly sheared andesite(?) parts well mineralized in pyrite stringers, few chloritic slips with chalcopyrite. (ie. @ 38')				

- END OF HOLE -

Noranda Exploration Company, Limited

Red Hill Assays

Oct. 14, 1962

NO.	D.D.H.	FOOTAGE	Au	Ag	Cu	LENGTH	Rec'y	TYPE	SAMPLED BY
B5071	D.D.H. #3	5- 10	Tr	0.35	0.02	5 .10	90%	Core	Pegg
B5072	"	10- 15	Tr	0.50	0.02	5 .10	96%	"	"
B5073	"	15- 20	Tr	0.20	0.07	5 .35	96%	"	"
B5074	"	20- 25	0.005	0.30	0.10	5 .50	73%	"	"
B13201	"	35- 38'2"	0.005	0.25	0.35	3'2" 1.05	100%	"	"
B13202	"	38'2"- 40'6"	0.01	0.20	1.95	2'4" 4.87	90%	"	"
B13203	"	40'8"- 45	0.005	0.25	0.55	4'6" 24.75	90%	"	"
B13204	"	45- 50	Tr	0.70	0.40	5 2.0	86%	"	"
B13205	"	65- 70	Tr	0.20	0.15	5 .75	100%	E core	"
B13206	"	70- 75	Tr	0.20	0.23	5 1.5	100%	"	"
B13207	"	80- 85	Tr	0.30	0.40	5 2.0	95%	"	"
B13208	"	85- 90	0.005	0.50	1.60	5 8.00	95%	"	"
B13209	"	90- 95	Tr	0.20	0.25	5 1.25	100%	"	"
B13210	"	95-100	Tr	0.35	0.45	5 2.25	95%	"	"

4912

95% 4912 145'16
 478'
 142
 95
 670

sludge, low average
 75'78 .5'16
 493
 1009
 50451

05-2

Noranda Exploration Company, Limited

Red Hill Assays

Oct. 20, 1962

NO.	D.D.H.	FOOTAGE	Au	Ag	Cu	LENGTH		TYPE	SAMPLED BY
B13252	D.D.H.#3		0.005	0.40	0.15	5 -15'	1.5'0	Sludge	Cranham
B13253	"	15- 20	0.005	0.75	0.55	5	2.75'	"	"
B13254	"	20- 25	Tr	0.40	0.17	5	8'	"	"
B13255	"	25- 30	Tr	0.50	0.58	5	2.90	"	"
B13256	"	30- 35	Tr	0.20	0.27	5	1.35'	"	"
B13257	"	35- 40	0.005	0.40	0.75	5	3.75'	"	"
B13258	"	40- 45	0.005	0.55	1.47	5	7.35'	"	"
B13259	"	45- 50	Tr	0.20	0.65	5	3.25	"	"
B13260	"	50- 55	Tr	0.25	0.32	5	1.60	"	"
B13261	"	55- 60	0.005	0.35	0.20	5	1.00	"	"
B13262	"	60- 65	0.005	0.25	0.30	5	1.5'0	"	"
B13263	"	65- 70	Tr	0.20	0.25	5	1.25'	"	"
B13264	"	70- 75	Tr	0.35	0.25	5	1.25'	"	"
B13265	"	75- 80	Tr	0.20	0.20	5	1.00	"	"
B13266	"	80- 85	0.005	0.15	0.62	5	3.10	"	"
B13267	"	85- 90	0.005	0.30	1.53	5	7.62'	"	"
B13268	"	90- 95	0.005	0.20	0.45	5	2.25'	"	"
B13269	"	95-100	0.005	0.25	0.52	5	2.40	"	"
							46.90		

95') 46.90 (49.36)
 380
 890
 855'
 35'0
 285'
 650

(49)

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NORANDA EXPLORATION COMPANY LIMITED

PROPERTY

Red Hill

SHEET NO. 1

D.D.H. No. #4

LAT. 9 N (Approx) DIP 40° ELEV. _____ START _____
 DEP. 17 W (Approx) DRAINING N55°E DEPTH _____ END _____

<u>FOOT</u>	<u>REC'Y</u>	<u>ROCK</u>	<u>MINERALIZATION</u>	<u>NO.</u>	<u>LENGTH</u>	<u>MoS₂</u>
0- 12		Overburden				
9- 12		Boulders of intrusive green granite.				
12- 20		Intrusive - blocky & broken parts slightly altered & sheared, few fine carbonate slips.				
20- 35		Grey, slightly siliceous, f.g. schist. (Sheared andesite)? Slight scattered fine py. Sericite in slips. (Core angle 60°)				
35-56'6"		Grey siliceous schist (sheared andesite?) well mineralized pyrite. Parts very blocky.				
56'6"-57'7"		Nearly solid py. Parts very blocky.				
57'7"-58'10"		Grey siliceous schist. (Sheared andesite?) Mineralized in pyrite.				
58'10"-59'5"		Nearly solid py. Slight Cp in dark green chloritic schist.				
59'5"-88		Grey slightly siliceous schist. (Sheared andesite?) Few parts slight to well mineralized py. Parts v. blocky & broken. Few sericitic slips.				

- END -

Noranda Exploration Company, Limited

Red Hill Assays

Oct. 22, 1962

<u>NO.</u>	<u>D.D.H.</u>	<u>FOOTAGE</u>	<u>Au</u>	<u>Ag</u>	<u>Cu</u>	<u>LENGTH</u>	<u>Rec'y</u>	<u>TYPE</u>	<u>SAMPLED BY</u>
B13211	D.D.H.#4	35- 40	0.005	0.30	0.10	5' 5"	85%	E Core	Pegg
B13212	"	50- 55	0.01	0.35	0.03	15' 5"	90%	"	"
B13213	"	55- 56'6"	0.005	0.35	0.25	1.37 5'6"	90%	"	"
B13214	"	56'6"-57'2"	0.16	1.05	2.30	1.58 8"	95%	"	"
B13215	"	57'2"-58'10"	0.14	1.25	1.60	2.17 1'8"	60%	"	"
B13216	"	58'10"-59'5"	0.12	1.10	2.65	1.40 7"	100%	"	"
B13217	"	59'5"-62'5"	0.05	0.85	0.40	1.20 3'	90%	"	"
B5075	"	23- 24	Tr	0.20	0.07	8.33 1	100%	"	"

27.5' / 8330 (1.30)
 825'
 080

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DIP @ 90' -35°

MOBANDA EXPLORATION COMPANY LIMITED

PROPERTY Red Hill

SHEET NO. 1

D.D.N. No. #5

LAT. 12 + 20 W

DIP -40

ELEV. _____

START _____

LONG. 1 + 90 S

BEARING N 56° E

DEPTH _____

END _____

<u>FOOT</u>	<u>REC'D</u>	<u>ROCK</u>	<u>MINERALIZATION</u>	<u>NO.</u>	<u>LENGTH</u>	<u>NO.</u>
			13' Casing			
0- 12			Talus & boulders			
12- 15			White quartzite (Boulders?)			
15- 43			Grey-white qtz schist, few sericitic slips. Slight scattered fine pyrite to few parts well mineralized pyrite. Very blocky & broken. Speck Cp @ 42'.			
43- 44			Nearly solid sulphide pyrite. (50% lost)			
44- 45' 3"			Chloritic shear, sli. py.			
45'3"-71			Siliceous schist, grey-green to white, parts sericitic to chloritic, sli. fine scattered py.			
71- 95			Grey qtz-talc schist.			

- END -

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NORANDA EXPLORATION COMPANY, LIMITED,

PROPERTY Red Hill

SHEET NO. 1

D.D.H. NO. 6

LAT. 0 + 40 S DIP -45° ELEV. 1510' START Oct. 30, 1962
 DEP. 0 + 13 E BEARING N 55° E DEPTH 55' END Nov. 2, 1962

<u>FOOTAGE</u>	<u>REC'Y</u>	<u>ROCK</u>	<u>MINERALIZATION</u>
		Casing - 4'	
0- 8'2"	6'9"	J.F.P.:	grey-green, siliceous. Few qtz eyes. Sli. py.
8'2"- 9	10"	Chloritic Zone:	nearly solid sulphide pyrite. Slight chalcopyrite.
9- 24	9'6"	Siliceous schist:	grey green, siliceous chloritic schist Scattered fine pyrite; Blocky & broken.
24- 30	2'4"	Siliceous (Schist);	grey, very very hard. Compact. Slight fine pyrite.
30- 55	14	quartz-talc schist;	grey, chloritic zones. Fine py. Blocky & broken.

END

(Note: Sludge - white in expected sulphide zones.)

NORANDA EXPLORATION COMPANY LIMITED

PROPERTY Red Hill Option

DRAWING NO. 1

D.D.S. No. 7

LAT. 0 + 50 South DIP -40° ELEV. 1085' (Approx) START Nov. 3, 1962
 DEP. 15 + 55W BEARING N 62° E DEPTH 303' END Nov. 15, 1962

FOOT	REC'D	ROCK	MINERALIZATION	NO.	LENGTH	Cu	Au	Ag
0- 17		Casing: 7' B Casing 35' AX Casing						
17- 84	40%	Grey Qtz-talc schist w. pyrite						
84- 89	40%	Pyrite, marcasite, sli. cpy.		B13178	5	Tr	Tr	0.80
89- 97	50%	Chloritic to talcy schist-py						
97-101	50%	As above: Core angle 80° @ 100'		B13179	4	0.73	Tr	0.70
101-123	60%	Chloritic to talcy schist-py						
123-124.5		Green dyke rock: chloritic & sheared.						
124.5-127		Chloritic talcy schist-marcasite, pyrite.						
127-128		White Qtz veins with chlorite. Flecks of cpy.						
128-129	G	Grey Qtz-talc schist						
129-134	90%	Grey-green chloritic talc-schist with fine banded pyrite.		B13180	5	0.23	Tr	0.80
134-138.5	80%	Grey Qtz-talc schist. (Sheared D.F.P.?) Little pyrite.						
138.5-139.5	80%	Talc schist: 3 small 1" anhydride veins						
139.5-177	70%	Grey Qtz-talc schist. Few scattered fine pyrite stringers.						
177-178		Well mineralized f. py. (15%) Sli. fine cpy.				No sample		
178-181	70%	Grey Qtz-talc schist: Pyrite stringers scattered. Occass. visible cpy (Less than 0.1%)						
181-186	75%	Grey Qtz-talc schist						
186-190		Green chl-schist; talcy. Sli fine pyrite.						
190-225	86%	Qtz-talc schist. Occasional irreg. stringer py. w. marcasite visible. (Cpy less than .1%). Core angle 86° @ 200'						
225-227	95%	Dk green sheared chl. dyke rk.						
227-303	90%	Qtz-talc schist: Occasional fine pyrite stringers.						

END OF HOLE.

NORANDA EXPLORATION COMPANY, LIMITED,

PROPERTY Red Hill Option

SHEET NO. 1

D.D.H. NO. 8

LAT. 1 + 00 S DIP -45° ELEV. 1180' START Nov. 5, 1962
 DEP. 11 + 20 W BEARING N 50° E DEPTH 46' END Nov. 8, 1962

<u>FOOT</u>	<u>REC'Y</u>	<u>ROCK</u>	<u>MINERALIZATION</u>	<u>NO.</u>	<u>LENGTH</u>	<u>Cu</u>	<u>Au</u>	<u>Ag</u>
0- 5		Boulders: talus. 8' Casing						
5- 21	90%	Grey schistose. Parts talcy. Parts siliceous, blocky, Broken. Fine scattered pyrite.						
21- 24'5"	80%	Grey-green compact, siliceous rk. Well mineralized to near-solid pyrite. (50%) Sli. scattered cpy.						
24'5"- 46	90%	Siliceous schist: Slight scattered pyrite. Core angle 80° @ 40'.						

END OF HOLE.