PROSPECTING AND SOIL GEOCHEMISTRY REPORT ON THE MOON CLAIM (INCLUDES REPORTS BY GEOLOGISTS R.L. WRIGHT OF R.L. WRIGHT & ASSOCIATES AND D.R. BULL OF NORANDA EXPLORATION COMPANY LTD.

OWNER/OPERATOR: E. CARRUTHERS, R.A. NEILL, R.W. NEILL

NANAIMO MINING DIVISION

LONGITUDE: 125 27 WEST, LATITUDE: 49 49 NORTH

N.T.S.: 92F/14W

FHEED

DATE: NOV.15,1988

LOG NO: 0310)	RD.3
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SUMMARY

At this time 5 km of grid have been Chained and Blazed The lines are 100m apart, and the samples are 50m apart. A total of 68 soil samples, and 20 rock samples were collected by the operators.

Of these, 14 soil samles and 18 rock samples have been analized. The results are in the assay reports.

The property examinate by R.L. Wright was done for Westmin Exploration.

The property examination by $D_{\bullet}R_{\bullet}$ Bull was done for Noranda Explorations.

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INTRODUCTION

The Moon Group is located approximately 25 kilometers Southwest of Campbell River, Vancouver Island at the headwaters of Chute and Balsam Creeks.

The claims can be reached by MacMillan, Bloedels logging road named the Iron River Road.

This road is located along the North bank of the Oyster River then extends Westward to Chute and Balsam Creeks.

The elevation of the region ranges from 900 meters to 1400 meters.

CLAIMS

The Moon Group consists of claims:

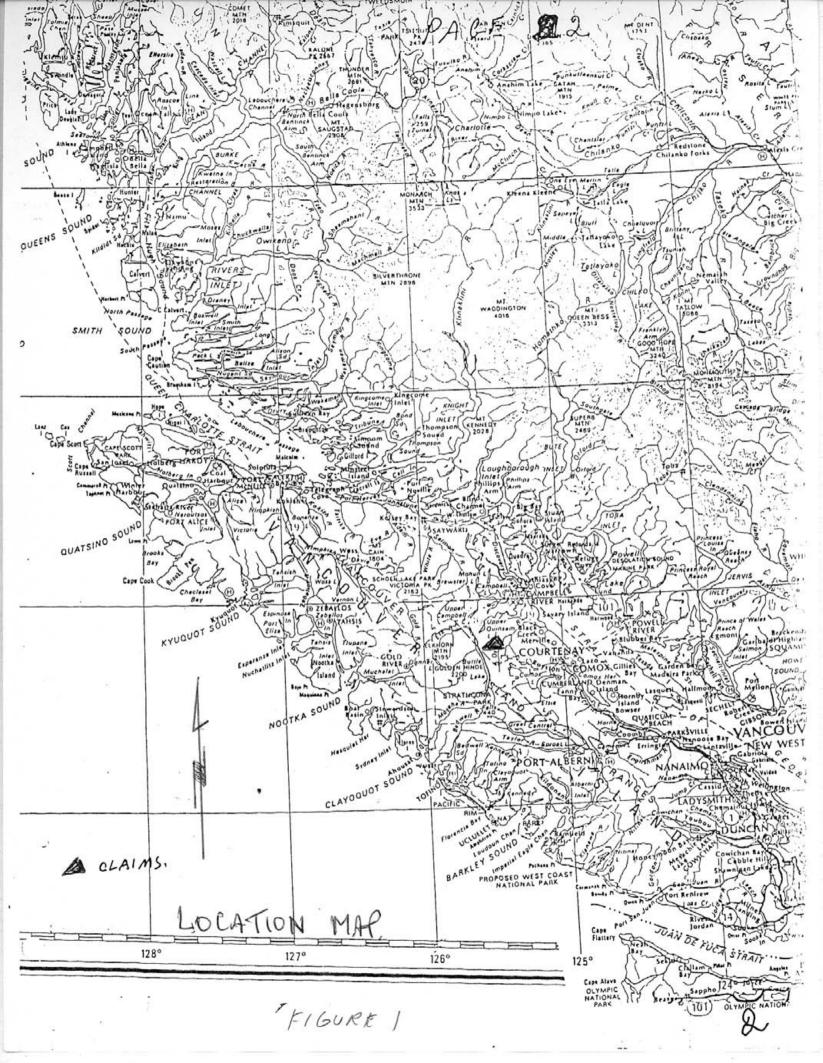
Moon - 1560
Moon II - 1561
Goat - 2251
Total of 30 units.

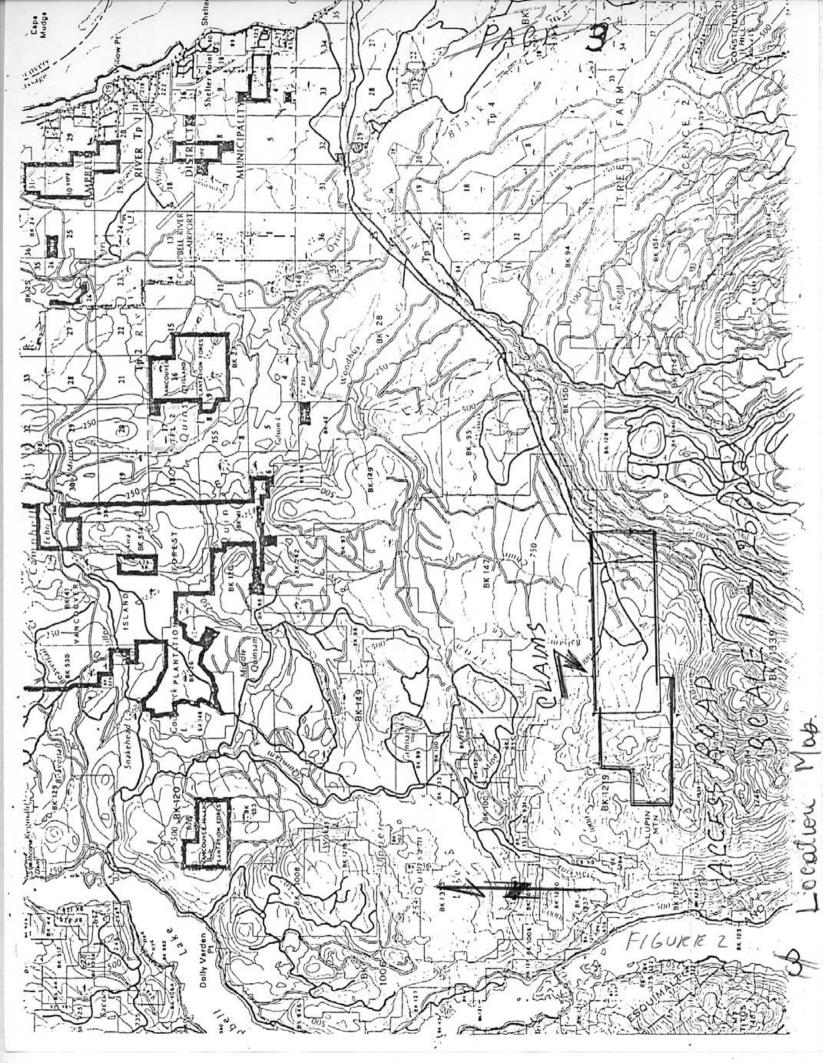
Claims are held by : E. Carruthers R.A. Neill

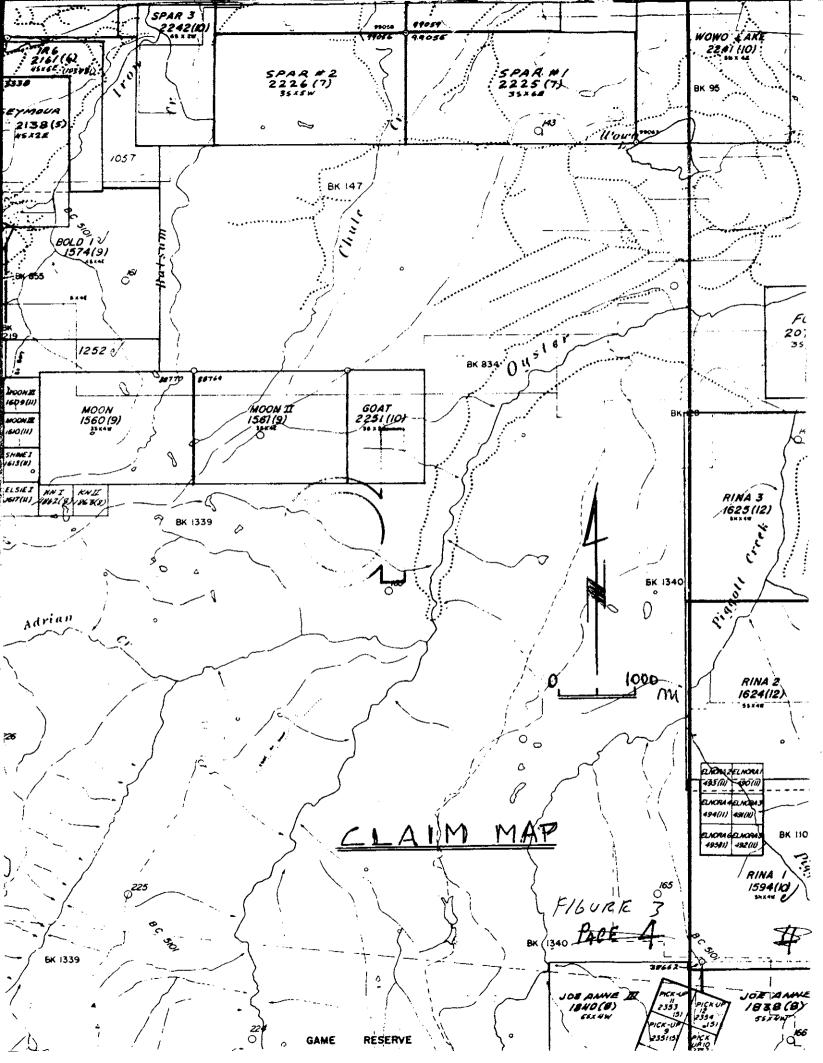
R.W. Neill

HISTORY

No previous history, except that reported by present owners in 1985, 1986 and 1987.







GENEPAL GEOLOGY

The property is underlain by the Karmutsen Volcanics

To the West and Overlain by the Nanaimo Group sediments to the

East.

The region of unconformity is of particular interest.

It consists of Amygdaloidal cobbles in a chloritic matrix composed of sand to gravel-sized fragments.



ROCK SAMPLE DESCRIPTIONS

SAMPLE NUMBER	DESCRIPTION
#4	Sample of milky white quartz vein with sime chalcopyrite.
#61	Soft chloritic matrix from conglomerate.
#62	Composite sample of quartz and epidote stringers.
#63	Breccia with quartz and epidote stringers.
#101	As above.
161	Preccia with chloritic matrix.
162	As above.
163	As above.
164	As above.
:65	As above.
165	As above.
167	As above.
168	As above.
169	As above.
170	As above:
171	As above.
172	As above.
173	Milky white quartz with minor chalcopyrite.
174	Andesitic volcanic (Karmutsen Formation)
M-3	Breccia.
M-101	Breccia.
M-102	Prescia.
M-103	Soft chloritic matrix from breccia.
M-104	Sample of quartz rich float.

M-88-3	Conglomerate with stringers and blabs of quanto
M-88-4	As above.
M-88-5	As above.
M-88-6	Conglemerate with quarte stringers and brownish staining.
M-99-7	Conglomerate with quartz stringers.
M-88-10	Fonglomerate.
M-88-30	Breccia.
M-88-21	Preccia.
M-88-32	Conglomerate.
M-88-33	Conglomerate with blebs of arsenopyrite and chalcopyrite.
M-88-34	Pyritic shale.
M-88-35	Vesicular velcanic.
M-88-36	Breccia.
M-2	Breccia.
M-101	Breccia.
M-102	Breccia.
M-103	Soft chloritic matrix from braccia.
M-104	Sample of quartz rich float.

Note: Samples MOON 1 through 9 are described in report by R.L. Wright in Appendix 2.

CONCLUSIONS

Rock sampling along roadcuts on logging roads initially revealed anomalous gold values up to 0.487 ounces per ton gold (Sample M-2) in a chloritic breccia out by quartz and calcite stringers. Subsequent sampling by the author and by R.L. Wright and D.R. Bull failed to reproduce similar gold values.

A quartz vein in the headwaters of Balsam Creek on the southwestern corner of the Moon claim showed an anomalous gold value of 0.035 ounces per tonne, with 2.7% copper (Sample #4). Other samples taken from the vein showed insignificant gold with anomalous copper values (Sample Moon 8 - Nil Au, 1.29% Cu, Sample 173 - 70 PPB Au, 0.66% Cu.)

Not enough soil samples were collected and analyzed to help outline anomalous areas. The soil samples that were analyzed showed low gold contents (<5 PPB to 7 PPB gold).

STATEMENT OF EXPENDETURES

5 km Grid Line -10 man days	\$1000.00
Rock Sampling -5 man days	500.00
Soil Sampling- 12 man days	1200.00
Board and feild supplies 27 x 40-	1080.00
R.L. Wright Property Examination	713.75
Dennis R. Bull Property Examination	600.50
Rock assay's	705.00
Soil Assay's	119.00
Travel - 4 trips	205.00
	\$6123.25

OPERATORS STATEMENT OF QUALIFICATIONS

Reginald A. Neill has been actively involved in the mining industry for 40 years and has taken the basic prospectors course. He has been in the feild for approximately 8 years.

Robert Neill has completed grade 12 and has also completed the advanced prospectors course. Robert has worked in the feild for approximately 6 years.

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APPENDIX 1: ASSAY CERTIFICATES OF ROCK & SOIL SAMPLES COLLECTED BY R.A. NEILL AND R.W. NEILL



Certificate of Assay

To:

Mr.	Reg	Neil

Victoria, BC

Attention:

Date: July 5, 1988

Control No. 11214

We Herebu Certify that the following are the results of assays made by us upon submitted Ore

Á

Sample Identification	GOLD	SILVER	GOLD	SILVER	Copper	
Sample identification	Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent	
M - 2	0.487	0.50			_	
# 4	0.035	0.10	•		2.70	
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Note: Pulps retained one month.

Rejects retained two weeks.

NESMONT PRECIOUS METALS CORPORATION

Certified Provincial Assayer

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Date:

July 27, 1988

Control No. 11254

Certificate of Assay

Го:	
F. 4	Mr. Reg Neill
	568 Langholme Drive
****	Victoria, BC
	V9C 1L8
Atte	ntion:

Mr Hereby Certify that the following are the results of assays made by us upon submitted

Ore sample

	GOLD	SILVER	GOLD	SILVER			
Sample Identification	Ounces Per Ton	Ounces Per Ton	Percent	Percent			
# 61	0.024	PARK BY	17 B.C.				
# 62	0.002						
# 63	0.017			2.1			
# 101	0.019	NEAR S.A	mPl+ A'O	Y C T V C			
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				† 	1 1 1 1 1 1 1		

Note: Pulps retained one month.

Rejects retained two weeks.

NESMONT PRECIOUS METALS CORPORATION $\frac{\partial}{\partial z} q$

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Certified Provincial Assayer

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OUR WRITTEN APPROVAL ANY LIABILITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED



Date: July 19, 1988

Control No.

11232

Certificate of Assay

To:	
	Mr. Reg Neill
	568 Langholme Drive
-	Victoria, BC
	V9C 1L8
Atte	ntion:

Me Hereby Certify that the following are the results of assays made by us upon submitted Ore samples.

							•	
Sample Identification	GOLD	SILVER	GOLD	SILVER	Zinc			,,
Cample Issuince	Ounces Per Ton	Ounces Per Ton	Percent	Percent	Percent			
M - 88 - 3 M - 88 - 5 M - 88 - 6 M - 88 - 7 M - 88 - 10 M - 88 - 32 M - 88 - 36	L 0.002 0.002 0.029 0.007 0.003 L 0.002 L 0.002	L 0.01 L 0.01 0.03 0.02 0.01 L 0.01 L 0.01	250 1		0.01	7		3 88-6 3 88-6
L = Less Than No Platinum Metals indic	ated.							
				,				
6					-			

. Note: Pulps retained one month.

Rejects retained two weeks.

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NESMONT PRECIOUS METALS CORPORATION

Certified Provincial Assayer

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Date: Oct. 4, 1988

Control No. 11340

Certificate of Assay

 		Neil		
568	Lang	holme	Drive	
 Vict	oria	, B.C	•	

Note: Pulps retained one month.

Rejects retained two weeks.

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nesmont precious metals corporation P_{egs} 18

De Dinagoni

Certified Provincial Assayer



Date: October 5, 1988

Control No. 11355

Certificate	\mathfrak{of}	Assay	ţ
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Mr. R. A. Neill	
568 Langholme Drive	
Victoria, BC	
Attention:	

. To:

Me Hereby Certify that the following are the results of assays made by us upon submitted GOLD SILVER GOLD SILVER Sample Identification Ounces Ounces Percent Percent Per Ton Per Ton 0.002 11.83.6 M-102 0.008 4-L 0.002 L 0.002 L = Less Than

19

Note: Pulps retained one month.

Rejects retained two weeks.

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NESMONT PRECIOUS METALS CORPORATION

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I Provincial Assayer

APPENDIX 1

Bondar-Uegg & Company Ltd. 170 Pemberton Ave. North Vancouver, B.C. V7P 2R5 (604) 985-0681 Telex 04-352667



Geochemical
Lab Report

REPORT: V88-08761.0			PROJECT: 88-10	PAGF 1		
SAMPLE NUMBER	ELEMENT UNITS	Au PP8	Au/wt.	Au/wt G		
\$1 105351		<5				
S1 105352		<5				
S1 105353		<5				
S1 105354		< 5				
S1 105355		<5				
\$1 105356	 	<5				
\$1 105357		<5				
\$1,105358		<5				
S1 105359		<5				
S1 10536N		<5				
S1 105361	· · · · · · · · · · · · · · · · · · ·	7				
\$1 105362		< 5				
S1 105363		<5	7.0			
\$1 105364		5	4.0	6.D		
-						

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APPENDIX 2: REPORT BY R.L. WRIGHT



R.L. WRIGHT & ASSOCIATES

GEOLOGICAL CONSULTANTS

TO:

R R Walker

FROM:

R L Wright

DATE: 12 August 1988

SUBJECT:

PROPERTY EXAMINATION:

MCON PROPERTY

92 F/14W

On 3 August 1988, the writer visited the Moon property, on the north side of the Oyster River, accompanied by Reg Neill and his son, Rob. Due to fire restrictions, we were required to be out of the bush by 9 am, and the time was therefore inadequate for a detailed examination. Samples were taken of the key outcrops indicated by Mr Neill, and of several similar occurrences nearby, and outcrops along the main roads were briefly examined.

The property is located northwest of the Cyster River, on Balsam and Chute Creeks, about 5 km west of the Harmony 15 claim. The owner of the claims, Mr Reg A Neill, 568 Langholme Drive, Victoria, BC, V9C 1L8 (Phone: 478-1807) states the tenure as follows: (not confirmed yet)

Claim	<u>Staked</u>	Size	Due Date
MOON	Sept 83	3Sx4₩	Sept 15(?) 88
MOON II	Sept 83	3S x 4W	Sept 15(?) 88
GOAT	Oct 86	3Sx2E	Oct 88
MOON III*	July 88	4x5	July 89
MOON IV*	July 88	4x5	July 89
VOLKART	July 88	2 x 3	July 89

76 units

*The 1986 claim map shows 2-post claims MOON III, MOON IV, MOON V, MOON VI, SHINE I, SHINE II, ELSIE I, ELSIE II, KN I and KN II in the area reportedly covered by the grid claims MCON III and IV and VOLKART. These are presumably claims owned by Neill, abandoned and restaked.

The property is underlain by Karmutsen volcanics to the west, overlain by Nanaimo Gp sediments to the east. The region of the unconformity, on MOON claim is the zone of particular interest. Outcrops over 200m along one road consist of amygdaloidal basalt cobbles in a chloritic matrix composed of sand to gravel-sized fragments.

Typical Benson conglomerate, consisting of rounded cobbles

terence to another property

of volcanic rock in a sandstone matrix, occurs elsewhere on the MOON claim (Fig 2). Samples of the chloritic breccia collected by R Neill over a 10 Sq m area (composite grab) assayed 0.487 oz Au/T. Two subsequent attempts to repeat this number from the same outcrop lead to values ranging from 0.002 to 0.029 oz Au/T. A sample of chloritic breccia with patches of white calcite and quartz and greenish prehnite (?) was collected by the writer from this outcrop; this material, MOON 5, contained 22 ppb Au (ie 0.0006 oz/T), which is moderately anomalous. Also anomalous is antimony, at 11 ppm, which would suggest epithermal affinities. The chlorite-calcitequartz-prehnite(?) alteration in the rock is more characteristic of a greenschist regional metamorphic assemblage than an epithermal one.

Other samples of similar material from nearby outcrops, MCON 1 & 3, contained only 1 ppb Au. A 10 cm-wide clay gouge shear zone in this material was sampled as MOON 6 and contained 1 ppb Au.

A second showing located at the southwest corner of the MOON claim, consists of a lensey quartz vein from 1 cm to 1 m wide, at 040/65-80°S which follows the upper part of Balsam ck. The vein is composed of white quartz with f.g. sheared basalt fragments and about 1% rounded chalcopyrite/bornite grains, and cuts massive basalt which does not appear to be altered appreciably. The vein, which is vuggy in places, appears to be mesothermal in character. Sample MOON 7, across 1 m vein width, and MOON 8, across 10 cm of copperrich vein 20 m along strike, contained 16 ppb and 23 ppb Au respectively, with 1.3% Cu and anomalous Mo, Zn, Ag, Cd & Sb in the latter sample. Reg Neill reports assays from the quartz vein ranging from 0.005 to 0.035 Au/T, with up to 6.05% Cu.

. Sample MOON 9, collected randomly from a chloritic breccia outcrop on the west edge of the MOON claim, contained 69 ppb Au, and not much else.

A vertical drillhole, located on MOON II, was drilled in 3 stages from 1984 to 87, for a total of 502 feet. The hole intersected typical Nanaimo Gp sediments consisting of alternating sandstone, siltstone, shale with coal seams and conglomerate. No samples have been assayed to date.

A possible model for the mineralization seen on the property is as follows: mesothermal to epithermal gold-bearing quartz veins of Tertiary age, related to the Mt Washington intrusions, invaded Karmutsen volcanics along discrete shear zones but were absorbed by porous breccias at the unconformity resulting in widespread low-grade mineralization of gold, with anomalous Sb signature similar to that of the underlying veins, as represented by samples MOON 7 and 8.

The potential of this property would appear to lie in the large volumes of volcanic breccia with anomalous gold, which could locally develop sufficient grade, perhaps in proximity to underlying veins, to produce an orebody suitable for open pit mining methods. The main detraction of the property at this point is the lack of reproducible gold values of other than moderately anomalous levels.



In discussions with Reg Neill and son Rob, the writer recommended a programme of soil grid geochemistry to outline the area of anomalous values, and to meet assessment requirements by Sept 15, 1988. Due to general lack of information on the property at this time, the writer cannot recommend acquisition, but an arrangement should be considered whereby a reassessment could be made when soil geochemistry is completed. Perhaps an arrangement could be made to assist with the cost of such a program in exchange for a right of first refusal when the results are available.

Attachments: Fig 1 - Sketch of Claims & Geology

Table 1 - Geochemistry results.





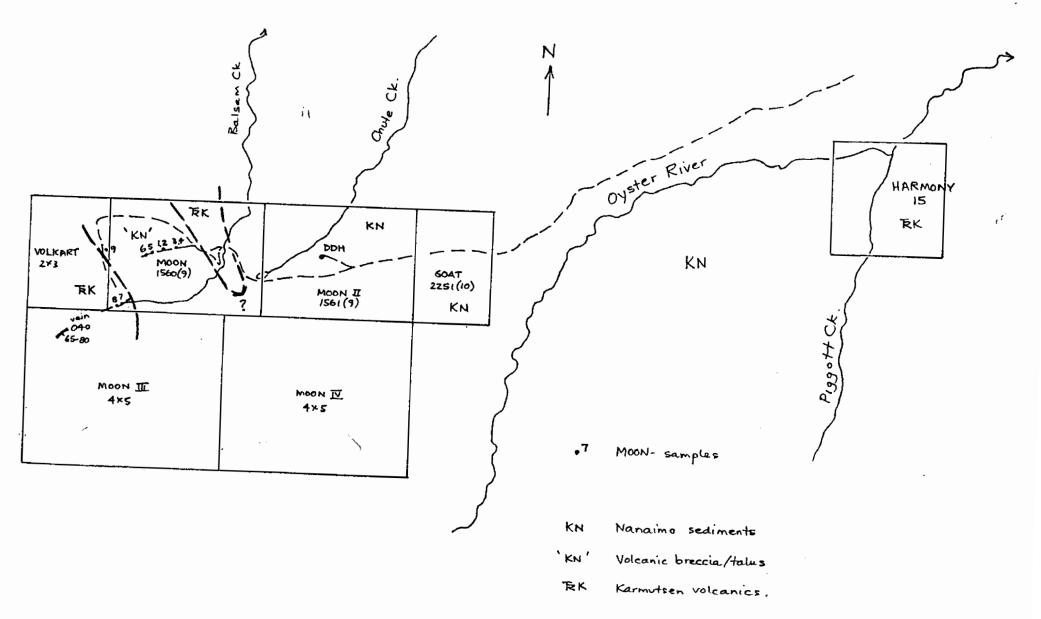




Fig 1 : SKETCH OF CLAIMS & GEOLOGY

MOON PROPERTY

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GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HMO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MM FE SR CA F LA CR MG BA TI B W AND LIMITED FOR MA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AUP ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE, MG ANALYSIS BY FLAMLESS AA.

ANG S 1988 DATE REPORT MAILED: Hw. 12/88 ASSAYER. D. TOYE OR C. LEONG, CERTIFIED B.C. ASSAYERS WESTMIN RESOURCES PROJECT RECCE File # 88-3275 No lite as ?h sr Sb 31 SAMPLE P La Cr % % PPH PPH HOCH 1 MOCH 1 1 117 12 812 6.22 69 2 176 6.16 .026 3 202 3.96 23 .46 30 5.82 .13 .01 MODE 5 . 2 136 1.82 ND 26 1 11 \$ 53 6.60 .012 2 63 1.06 7 .15 75 1.39 250 19 HOOM 6 . 1 156 .1 142 34 863 6.81 1 5 ΝĐ 1 î 2 2 192 2.69 .021 3 214 4.12 30 .53 10 7.61 .03 .01 50 HOOM 7 9 333 2.16 1 17 11 2 57 2.80 .009 2 52 .17 7 .09 4 .97 .01 .01 Ø.V R ROOK 35 12939 6 229 2.4 15 7 333 2.33 35 3.26 .003 2 43 .42 14 .05 2 .51 .01 .03 8 20 .1 32 9 310 1.78 1 14 1 2 2 58 7.70 .011 1 77 .62 3 .17 20 4.93 .01 .01 X00X 5 1 69 130 STD C/AU-R 17 57 36 132 7.1 64 27 1090 4.03 38 37 47 17 17 20 56 46 085 38 56 30 172 06 33 1.92 .06 .14 12 510 1300

APPENDIX 3: LETTER BY D.R. BULL

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

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

August 15, 1988

Mr. Reg Neill, 568 Langholme Drive, Victoria, B.C. V9C 1L8

Dear Mr. Neill;

Thank you for allowing us to examine your Moon claims property on Vancouver Island.

We regret to inform you that we will not be able to option your property at this time.

Please find enclosed your assay certificates which you kindly loaned to us, together with a copy of the geochemistry results from the rock samples which we collected.

If you have any other properties which you would like us to consider, please do not hesitate to contact us.

Yours sincerely,

D.R. Bull

Project Geologist

DRB/ie encl.

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APPENDIX 3

NORANDA VANCOUVER LABORATORY

PROPERTY/LOCATION: SOUTHERN GENERAL

CODE :8808-042 _____

Project No.

127 :14 ROCKS

Sheet:1 of 1 Geol.:D.B./T.M. Date compl:AUG12

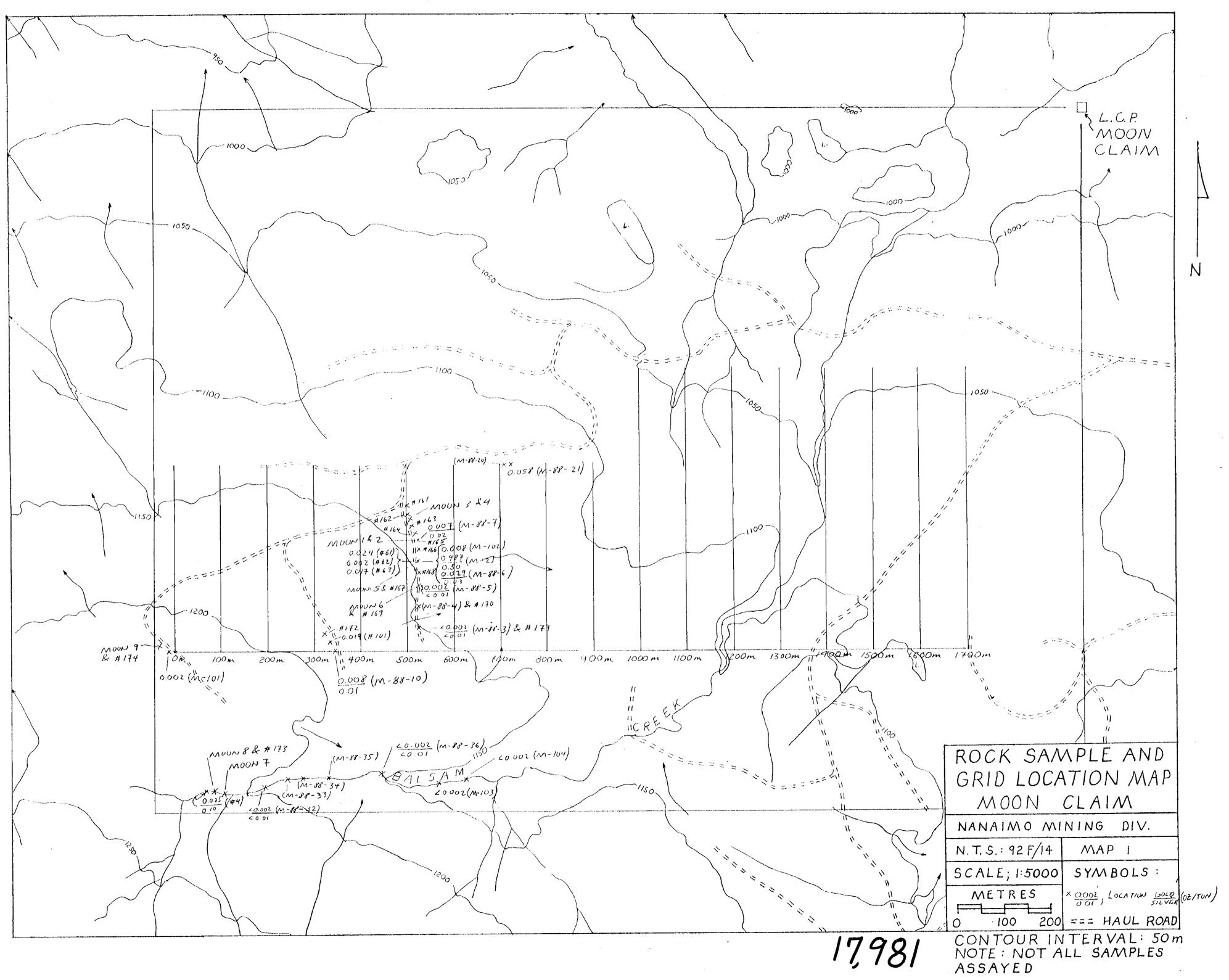
Date rec'd:AUG08

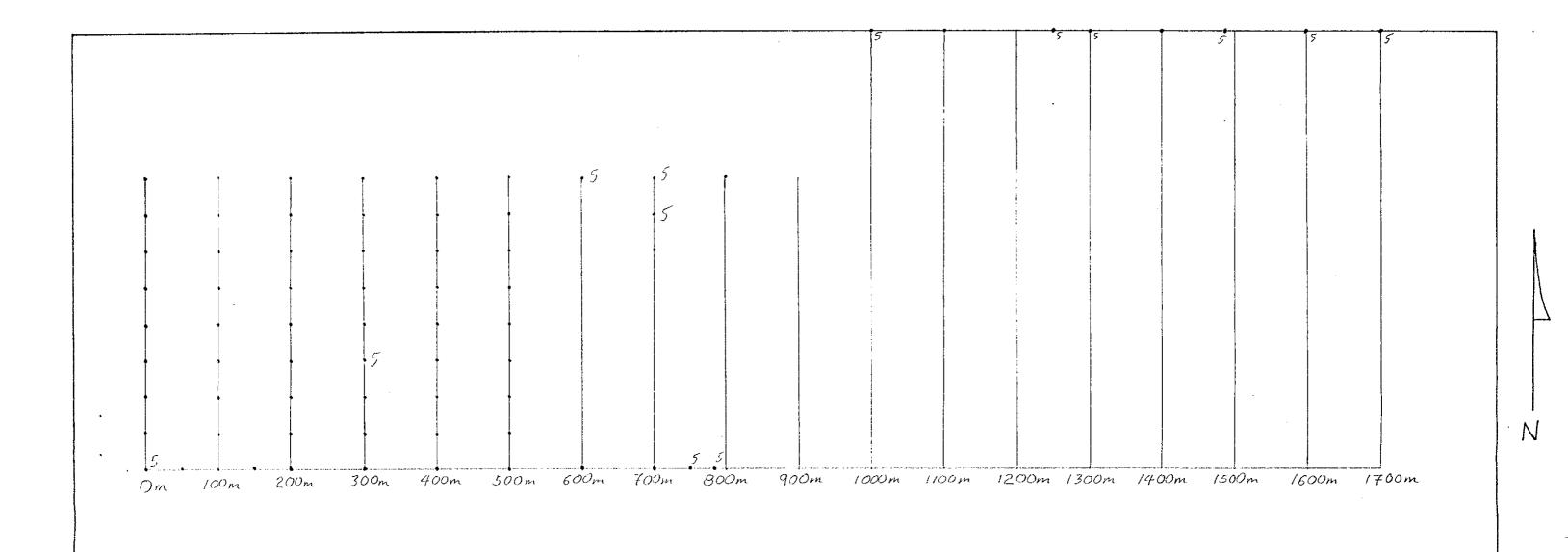
Material Remarks

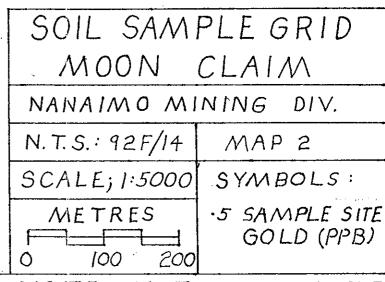
Values in PPM, except where noted.

T.T.	SAMPLE No.	։ Ըս	Ag	As	PPB ; Au	
161	28126	110	0.2	2	10	:
162	28127	100	0.2	1	10	
163	28128	100	0.2	4	10	
164	28129	180	0.4	4	10	
165	28130	150	0.2	6	10	
166	28131	94	0.6	2	20	
:167	28132	100	0.4	2	10	
168	28133	120	0.4	2	10	
169	28134	110	0.4	2 .	10	
170	28135	100	0.2	2	10	
171	28136	190	0.2	1	30	
172	28137	150	0.2	4	10	•
173	28138 Cu!!	6600	2.0	6	70	•
174	28139	120	0.2	4	20	:

12/2 Gill /04







NOTE: NOT ALL SAMPLES ANALYZED