

8/88

LOG NO: 1229	RD.
ACTION:	
14 p.	
FILE NO: 87-953-16686	

ASSESSMENT REPORT

TYPE	- DIAMOND DRILL
CLAIMS	- MOON GROUP
MINING DIVISION	- NANAIMO
LOCATION	- NTS 92F/14W
LATITUDE	- 49° 49' 38"
LONGITUDE	- 125 27' 26' 52"
OWNERS	- E. CARRUTHERS R.A. NEILL R.W. NEILL
OPERATOR	- E. CARRUTHERS, R.A. NEILL, R.W. NEILL
AUTHOR	- R.A. NEILL
GEOLOGIST	- PETER FISCHL B.Sc
DATE	- NOVEMBER 23, 1987

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,686

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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

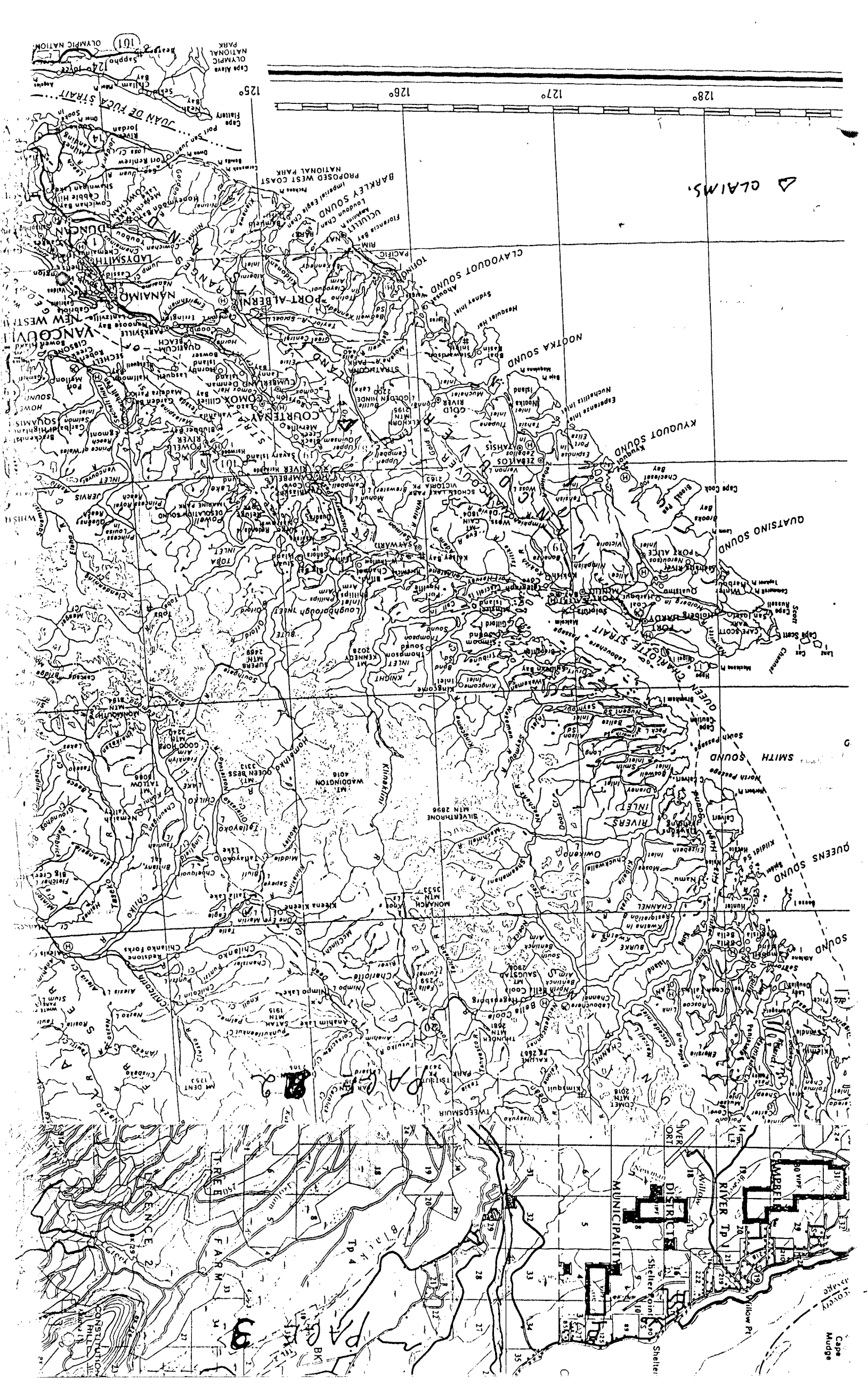
The Moon Group consists of claims:

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

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

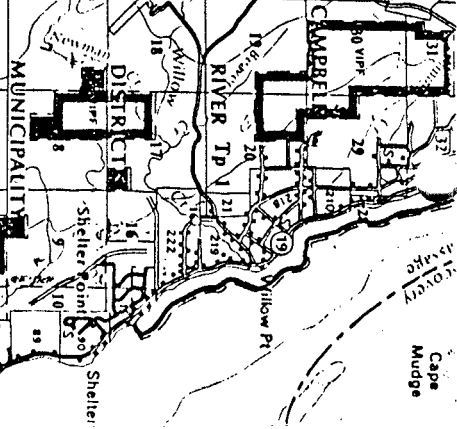
HISTORY

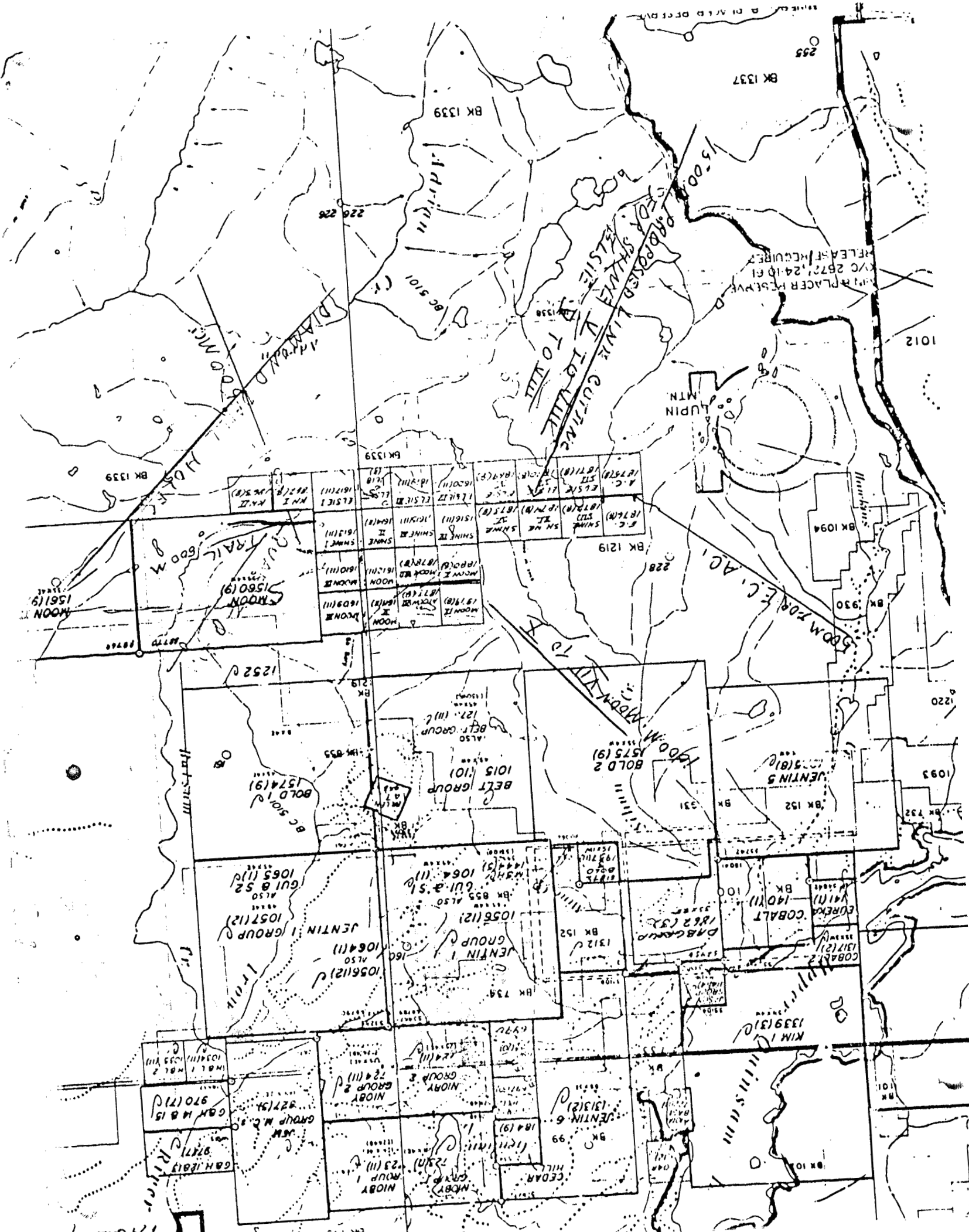
No previous history, except that reported by present owners in 1985, 1986 and 1987.



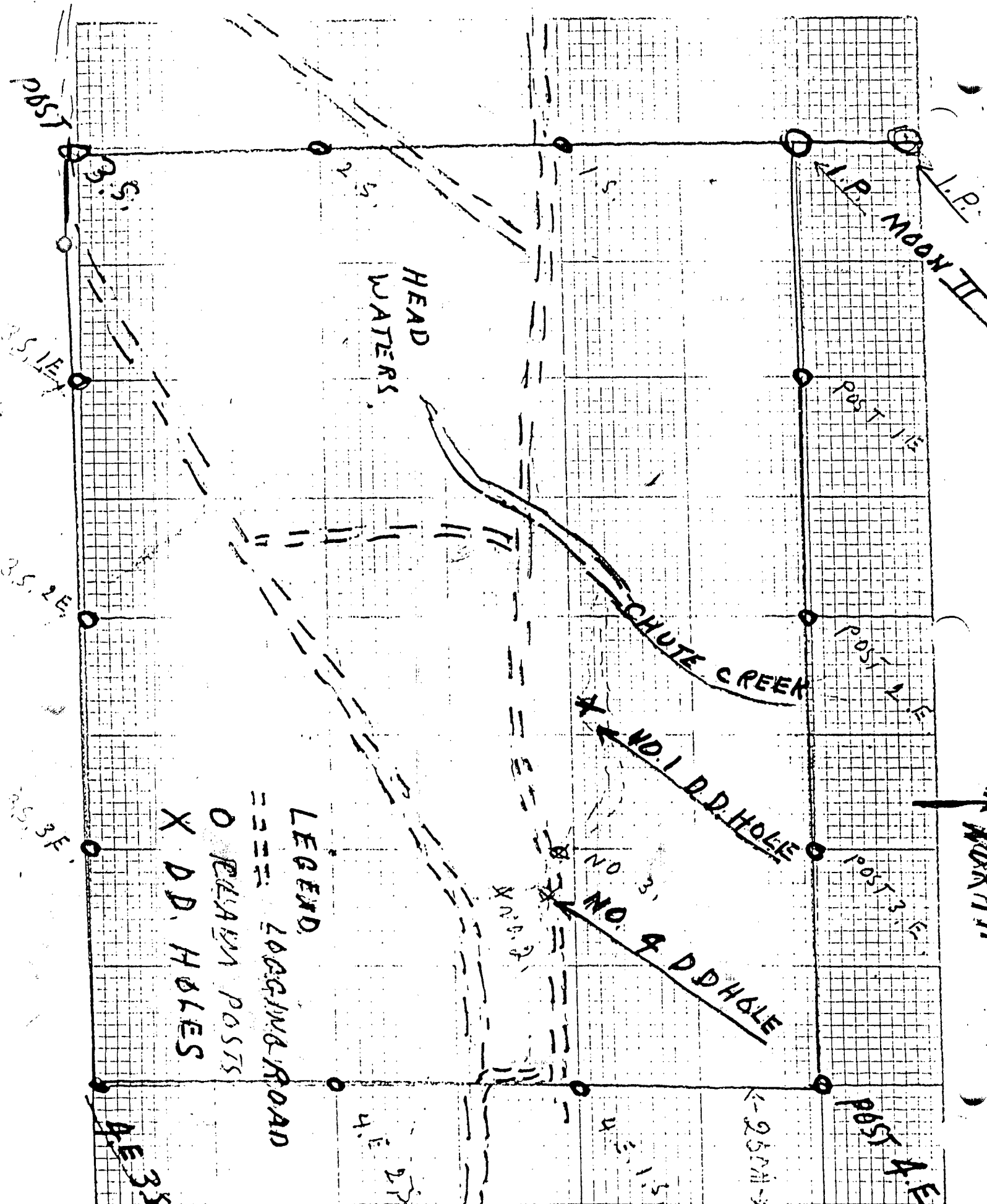
CLAIMS

PART





MOON I GROUP 1560(9)	MOON II GROUP 1629(11)	MOON III GROUP 1699(13)	MOON IV GROUP 1769(15)	MOON V GROUP 1839(17)	MOON VI GROUP 1909(19)	MOON VII GROUP 1979(21)	MOON VIII GROUP 2049(23)	MOON IX GROUP 2119(25)	MOON X GROUP 2189(27)
MOON XI GROUP 2259(29)	MOON XII GROUP 2329(31)	MOON XIII GROUP 2399(33)	MOON XIV GROUP 2469(35)	MOON XV GROUP 2539(37)	MOON XVI GROUP 2609(39)	MOON XVII GROUP 2679(41)	MOON XVIII GROUP 2749(43)	MOON XIX GROUP 2819(45)	MOON XX GROUP 2889(47)



SUMMARY

Number 1 Diamond Drill Hole

This hole, to a depth of 56.39 meters was logged and reported in the 1985 and 1986 assessment report.

From 56.39 meters to 153 meters was logged and is included in this report for 1987.

GENERAL GEOLOGY

The property is underlain by Upper Triassic rocks of the Vancouver Group.

This Group consists of Basalt, Black Limestone Porphyry. The Eastern side of the claims is overlain by conglomerate and sandstone.

STATEMENT OF EXPENDITURES

A total of 96.61 meters of E. size Diamond Drilling was completed and logged by Mr. Peter Fischl, B.Sc. Drilling cost of \$50.00 per meter includes field expenditures, Room, Board, Fuel and Vehicle.

DRILLING	\$4680.
LOGGING	400.
REPORT	120.
TOTAL	<hr/> \$5200.

NEILL XXXXXXXXXX DIAMOND DRILL GEOLOGICAL LOG
 PROPERTY: Chute Creek CLAIM: Moon N.T.S.: 92F/14
 LOGGED BY: Peter Fischl, B.Sc. DATE LOGGED: June 4, 1987
 HOLE: DDH-87-1 CORE: EX (22.2mm) ELEVATION:
 DIP (INCLINATION): 90° TOTAL LENGTH: ^{132.59}150.88 m (⁴³⁵ft.)
 NOTE: 0 m to 56.39 m (185 ft.) was logged previously by Reg Neill

From m	To m	Length m	Rock Description
56.39	67.51	11.12	Medium to dark grey carbonaceous shale with thin lenticular coal splits up to 5 mm's thick.
67.51	68.12	0.61	Medium to dark grey argillaceous siltstone with some light grey fine grained arkosic sandstone.
68.12	70.79	2.67	Mostly light grey, massive, medium to coarse grained sandstone. A few round to subrounded granule and conglomerate clasts up to 5 mm's in diameter mixed in with the sandstone.
70.79	70.94	0.15	Medium grey, massive granule and conglomerate, consisting of rounded to subangular clasts up to 25 mm's in diameter.
70.94	72.39	1.45	No core.
72.39	74.37	1.98	Mostly light grey, massive coarse grained arkosic sandstone with some granule.
74.37	76.20	1.83	Massive conglomerate. Light grey, light to medium green and dark grey rounded to subangular clasts floating in a granule to coarse sandstone matrix. The dark grey rounded clasts are likely rip up clasts from the underlying shale.
76.20	78.94	2.74	Medium to dark grey silty shale, showing a few thin (less than 1 mm) coal partings.
78.94	82.30	3.36	Mostly dark greenish grey silty shale with some dark grey and reddish brown bands of silty shale.
82.30	84.58	2.28	Mostly reddish brown silty shale with a few bands of dark greenish grey shale.

NEILL XXXXXXXXXX
 HOLE: DDH-87-1 continued

DIAMOND DRILL GEOLOGICAL LOG

From m	To m	Length m	Rock Description
84.58	86.11	1.53	Dark greenish grey to dark grey argillaceous siltstone.
86.11	86.87	0.76	Interbedded dark grey siltstone and light grey fine grained arkosic sandstone. 4 sandstone beds, each about 5 cm's thick interbedded with the siltstone.
86.87	88.62	1.75	Mostly massive light to medium grey coarse grained sandstone together with some granule and medium grained sandstone. A few rounded clasts up to 25 mm's in diameter mixed in with the sandstone.
88.62	91.90	3.28	Dominantly massive conglomerate with some granule. Consists of rounded to subrounded clasts ranging in size from a few mm's to up to 5 cm's floating in a sandstone to granule matrix. Clasts include those consisting of dark grey shale and light to medium green feldspar porphyritic Karmutsen volcanics.
91.90	92.35	0.45	Massive coarse grained sandstone to granule. Light grey, arkosic with numerous thin (less than 1 mm), lenticular coal partings. Coal partings appear to be dipping 50 - 60° to the core. Also, one coal fragment about 1.5 cm's thick in the sandstone.
92.35	92.51	0.16	Conglomerate.
92.51	92.96	0.45	No core.
92.96	95.33	2.37	Massive conglomerate, consisting mostly of subrounded to rounded clasts ranging in size from a few mm's to up to 5 cm's.
95.33	95.86	0.53	Light grey, medium grained, arkosic sandstone with a few thin coal partings.
95.86	106.68	10.82	Mostly greenish conglomerate, made up of rounded to subrounded clasts up to 7 cm's in diameter in a sandstone-granule matrix. A few thin, milky white calcite stringers, some of which are lined with a brownish red material.

NEILL [REDACTED]
HOLE: DDH-87-1

DIAMOND DRILL GEOLOGICAL LOG

From m	To m	Length m	Rock Description
106.68	107.90	1.22	No core.
107.90	115.37	7.47	Greenish conglomerate with a few light grey bands of coarse grained sandstone and granule. A few calcite stringers.
115.37	115.82	0.45	No core.
115.82	118.57	2.75	Greenish conglomerate with a few thin dark grey shale beds about 3 cm's thick.
118.57	119.33	0.76	Light grey arkosic granule - coarse grained sandstone. Grades quickly into the underlying conglomerate.
119.33	119.79	0.46	Greenish conglomerate with a granule matrix.
119.79	120.40	0.61	No core.
120.40	128.78	8.38	Mostly a pebble conglomerate with a few clasts up to 15 cm's in diameter. Clasts rounded to subangular. Greenish sandstone to granule matrix. Clasts consist mostly of dark green to brown to dark grey, aphanitic to feldspar porphyritic Karmutsen volcanics. A few of these clasts show milky white quartz amygdul. One 6 cm diameter granodioritic clast showing some pink orthoclase. Numerous calcite stringers between 126.49 m and 127.25 m.
128.78	129.84	1.06	Dark greenish grey coarse grained sandstone. A few pebbles of Karmutsen basalt up to 7 cm in diameter.
129.84	131.37	1.53	Pebble conglomerate with rounded clasts of dark grey to greenish grey, aphanitic to feldspar porphyritic Karmutsen basalt up to 6 cm's in diameter.
131.37	134.11	2.74	Fine grained greenish sandstone showing some black biotite flakes on broken surfaces of drill core.
134.11	144.78	10.67	Pebble conglomerate showing rounded clasts from a few mm's to up to 6 cm's in diameter, consisting mostly of aphanitic to feldspar porphyritic Karmutsen volcanics with some light grey aphanitic, dacitic volcanics, plus a few granodioritic clasts with the pink feldspar. A few of the Karmutsen clasts are

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HOLE: DDH-87-1 continued

DIAMOND DRILL GEOLOGICAL LOG

From m	To m	Length m	Rock Description
			amygdaloidal with quartz, calcite or epidote infillings. Granule to coarse grained sandstone matrix.
144.78	146.30	1.52	Dark greenish grey, immature, very coarse grained sandstone with some rounded granule sized clasts, plus a few rounded pebbles up to 2 cm's in diameter. Granules and pebbles frequently dark grey, aphanitic, basaltic in nature.
146.30	153.00	6.70	Pebble conglomerate showing mostly Karmutsen clasts, consisting of dark grey to dark green to brown, aphanitic to feldspar porphyritic basalt. Some of these are amygdaloidal, with quartz, calcite or epidote filling in vesicles. Some Karmutsen clasts show hematitic staining. Clasts are rounded and range in size from a few mm's to up to 5 cm's in diameter. Granule to sandstone matrix. A few light grey dacitic clasts.

STATEMENT OF QUALIFICATIONS

I, Peter S. Fischl, do hereby certify that:

1. I am a graduate of the University of British Columbia (1986), with a Bachelor of Science Degree in Geological Sciences,
2. I am a member in good standing of the Geological Association of Canada and of the Canadian Society of Petroleum Geologists (Coal Division).
3. I have held several summer field positions in the past. From June 1 to Aug. 31, 1984 I was employed as a mapping assistant with the exploration department of Westmin Resources Ltd. From July 2 to Sept. 6, 1985 I was employed by the Geological Branch of the B.C. Ministry of Energy, Mines & Petroleum Resources as a geological field assistant.
4. I have been employed as a geologist with Nuspar Resources Ltd. (~~an affiliate of Westmin Resources Ltd.~~) since February, 1987.

Peter Fischl

Peter S. Fischl, B.Sc.

OPERATORS STATEMENT OF QUALIFICATIONS

Reginald A. Neill has been actively involved in the mining industry for 35 years and has taken the Basic Prospectors Course. He has been in the field for approximately 6 years.

Robert Neill has completed Grade 12 and has completed the Basic and Advanced Prospectors Courses and has been working in the field for 4 years.

CORE STORAGE

The diamond drill core is stored at the residence of E. Carruthers on Finlayson Road in Victoria, B.C.