

NORTH PACIFIC MINES LTD.
(N.P.L.)

VANCOUVER, B. C.

Report on the physical work required for present
Airborne Magnetometer Survey and future Geological
and Geophysical Surveys on the mineral claims of

NORTH PACIFIC MINES LTD. (N.P.L.)
in the Highland Valley

AB	1-29
Bill & Mike	1-23
JB	1-20
Tom	1-20

Longitude W $120^{\circ}55'$
Latitude N $50^{\circ}30'$

92I/10W

By
D. W. Pringle, P. Eng.
Richmond, B.C.
21 June 1968

*yes
add info
DANSEY
MOI card
 $50^{\circ}31'33''$
 $120^{\circ}52'56''$
92I/10W*

1585A

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CONTENTS

	<u>Page</u>
Introduction	1
Personnel	2
Equipment	2
Location and Accessibility	3
Claims	3
Exploration	
(a) Introduction	3
(b) Present Work	4
References	6
Attached Reports	
(1) Geo-X Surveys	
Addendum - Filing cost calculations	
Maps	
#1 Flight Pattern	
#2 Claim Map	
#3 Location Map	

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 1585A MAP

Report On North Pacific Mines Mineral Claims
Highland Valley, B. C.

Introduction

This report specifically covers work performed on the following claims which are owned by North Pacific Mines:

<u>Claim Group</u>	<u>No. Claims</u>
AB	29
Bill & Mike	23
JB	20
Tom	<u>20</u>
Total	<u>92</u>

These claims are located at approximately longitude W 120° 55' and latitude N 50° 30'.

Since this Company along with allied Companies owns or controls a large area adjoining the above claims, it was decided to establish a common topographic map by aerial photography over a fifty square mile area. Suitable ground markers were established in the field. In the specific claims mentioned above about five miles of lines were cut and approximately 20 markers were placed in the field. These markers were located at strategic locations such as claim location corners, diamond drill hole collars and trenches.

In order to assist and speed up the location of geological structures where mineralization could occur, it was arranged to run an airborne magnetometer and a tectonic photo survey over the area.

Re-establishment of picket lines was done to assist in surface geological mapping. The above work was done from approximately 11 May to the 19 June, 1968.

Personnel

D. W. Pringle, P. Eng. consulting mining engineer, supervised the program.

Arpad Fustos, field supervisor, was in direct charge of the field work.

J. Hunyadi, foreman, was employed from 11 May to 12 June on line cutting, picket establishment and marker placement,

C. DeWirth, helper, was employed from 25 May to 19 June on line cutting, picket establishment and marker placement.

F. Plander, bulldozer swamper, was employed from the 5 June to 19 June as a bulldozer swamper.

A. Kirschfelt, bulldozer operator, was employed on line cutting and trench side cutting from 29 May to 19 June.

Some portion of the above time was spent on other groups - the detail filing costs will record what was spent on these three groups.

Equipment

A camp was opened up on the JB #5 claim to house the small field crew.

Mr. A. Kirschfelt used a D7 bulldozer for line

cutting and trench side cutting.

Geo-X Surveys Ltd. carried out an aerial magnetometer survey. Equipment details will be covered in their report. The flight pattern and subsequent maps will be tied to the Lockwood aerial topographic maps.

Location and Accessibility:

The North Pacific #2 Group of claims may be reached from Merritt, Savona or Ashcroft. A jeep road turns off about 21 miles south of Savona, crossed Guichon Creek and reaches the mineral showings in about 1 1/2 miles.

The Trojan and Krain camps are about two miles west and the Bethlehem mine is about 1 1/2 miles southwest of the North Pacific #2 Group.

Claims

The North Pacific #2 Group comprises 92 mineral claims:

AB	- 1-29	
Bill & Mike	- 1-23	
JB	- 1-20	
Tom	- 1-20	

Exploration

(a) Introduction

Early work (1905) consisting of open cuts and two short adits were driven on mineral showings.

Some trenching in 1962 and 1963 revealed some mineralized shears close to the original cuts and adits. Further east some minor shears and mineralization was opened up by trenching.

(b) Present Work

1. Re-establishment of the grid system over the JB and Tom claims. This will be used for mapping control when tied to the aerial markers and the subsequent topographic map.

2. Side hill cutting of the east trenches for detail mapping so that projections of the shear zone may be made and plotted on the main control map.

3. Line cutting from the JB grid system north west to the top end of the AB claims.

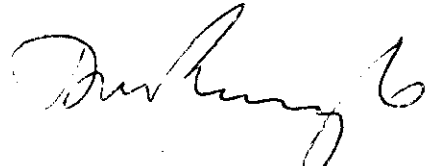
4. Establishment of suitable control markers for the airborne magnetometer survey. Ground markers will be used for correlation of the airborne magnetometer survey and the airborne topographic map.

5. Airborne magnetometer survey over the North Pacific #2 Group. The results will be correlated with the previous completed soil, ground magnetometer and I.P. surveys in the same area. From this correlation, reasonable interpretations can be applied to the anomalous areas of the airborne magnetometer.

The above program establishes a basis on which to

intelligently carry out next year's work - ground geological mapping, geochemical or I.P. surveys. Trenching and drilling would follow in the more interesting areas.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read 'D. W. Pringle', written in dark ink.

D. W. Pringle, P. Eng.

807 Lucas Road,
Richmond, B. C.
21 June 1968.



GEO-X SURVEYS LTD. 627 HORNBY STREET, VANCOUVER 1, B. C. 685-4296

June 21, 1968

Mr. D.W. Pringle, P.Eng.,
807 Lucas Road,
Richmond, B.C.

Dear Mr. Pringle:

Further to our discussion of today, this letter will confirm that we are in the process of completing the field airborne magnetometer work over the North Pacific - Comet-Krain properties near Bose Mountain, B.C., and that we expect completion of the field work this weekend.

We will submit a letter to the Vancouver Mining Recorder confirming completion of such work immediately upon our return from the area. Thank you.

Yours truly,

GEO-X SURVEYS LTD.

R.L. (Jim) Pitre,
Secretary-Treasurer.

RLP:ms

North Pacific #2 Property - Group 1 - 40 Claims
(J.B. #1 - 20 Incl.) (Tom #1 - 20 Incl)

1. Bulldozer - Line Cutting		
\$18.00/hr; D7 Tractor		
6.000 ft. line 18 1/2 hrs. @ \$18.00		\$ 333.00
2. Labour		
(a) Line cutting, tractor swamping;		
Marking and traverse of lines to be		
constructed		
1. Foreman		
3 1/2 days @ \$35.00		116.55
Markers with white binding for		
aeromag.		
Bunting (supply) proportion for		
above footage		11.54
2. Helpers		
4 1/2 days @ \$25.00		106.73
(b) Re-establishment of picket line control		
over 26,000 ft. of lines		
1. Foreman		
14 1/2 days @ \$35.00		507.50
Bunting (supply)		50.00
2. Helpers		
18 1/2 days @ \$25.00		462.50
3. Cleaning, expanding and re-establishing trenches		
by D7 tractor		
18 hrs. @ \$18.00		324.00
4. Field supervision		
1 2/3 mo. @ \$900.00 = \$1,500.00		652.20
Proportion of it on group $1500 \times 40/92$		
5. Equipment rental		
(a) Truck \$300.00/mo $300 \times 40/92$		130.00
(b) Power saw \$85.00/mo. $85 \times \frac{6000}{26000}$		20.00
6. Aeromagnetomete Survey $40/92 \times 6047.40$		2,628.00
7. Engineer's fees $40/92 \times 1500.00$		650.00
8. Food proportion of 40 days @ \$21.00 = 840.00		
+ camp supplies (average 3 men in camp incl.		
supervisor: $840.00 \times 40/92$		365.20
		<u>\$6,357.68</u>

North Pacific #2 Property - Group 2 - 40 Claims
 (Bill 1-11 incl.; Mike 2, 4-10 Incl.; Mike 1 fr. & 2.fr.;
AB 1-16 Incl, 18, 20, 22)

1. Bulldozer - Line Cutting		
\$18.00/hr.; D7 Tractor		
15,400 ft. line	47 1/3 hrs. @\$18.00	\$ 852.00
2. Labour		
Line cutting, tractor swamping		
Marking and travers of lines to be constructed		
1. Foreman		
Approx. 8,6 days @ \$35.00		300.60
Markers (supply) proportion for above		
footage		29.61
2. Helpers		
Approx. 10.95 days @ \$25.00		273.94
3. Field Supervision		
1 2/3 mo. @ \$900.00 = 1,500.00		
Proportion of it on group 1500 x 40/92		652.20
4. Equipment rental		
(a) Truck \$300.00/mo: 300 x 40/92		130.00
(b) Power saw \$85.00/mo.: 85 x <u>15,400</u>		
	26,000	50.35
5. Aeromagnetometer Survey		
40/92 x 6047.40		2,628.00
6. Engineer's Fees		
40/92 x 1500		650.00
7. Food		
Proportion of 40 days @ \$21.00 = 840.00		
+ camp supplies (average 3 men in camp incl.		
supervisor) 840.00 x 40/92		365.20
		<hr/>
		\$5,931.90
		<hr/>

North Pacific #2 Property - Group #3 - 12 Claims
(Mike 1 & 2; AB 23-29 Incl., 17, 19 & 21)

1. Bulldozer - Line Cutting		
\$18.00/hr.; D7 Tractor		
4,600 ft. line	14.15 hrs. @ \$18.00	\$ 255.00
2. Labour		
Line cutting, tractor swamping		
Marking & traverse of lines to be constructed		
1. Foreman		
approx. 2.6 days @ \$35.00		90.35
Markers (supply) proportion of above		
footage		8.85
2. Helpers		
approx. 3.3 days @ \$25.00		81.83
3. Field Supervision		
1 2/3 mo. @ \$900.00 = 1,500.00		
Proportion of it on group 1500 x 12/92		195.60
4. Equipment Rental		
(a) Truck \$300.00/mo. 300 x 12/92		40.00
(b) Power saw \$85.00/mo. 85 x $\frac{4600}{26000}$		9.65
5. Aeromagnetometer Survey		
12/92 x 6047.40		791.40
6. Engineer's Fees		
12/92 x 1500		200.00
7. Food and Camp Supplies		
40 days @ \$21.00 = 840.00		
(average 3 men in camp/day incl supervisor)		
840.00 x 12/92		109.60
		<hr/>
		\$1,782.28
		<hr/>

Personnel Costs

Arpad Fustos

May 1st to June 18th
1 2/3 mo. @ \$900.00 = \$1,500.00

J. Hunyadi

May 11 to 20th, May 25th to June 12th
29 days @ \$35.00 per day = \$1,015.00

C. DeWirth

May 25th to June 6th, June 9th to June 16th
21 days @ \$25.00 per day = \$525.00

F. Plander

June 5th to June 18th
14 days @ \$25.00 per day = \$350.00

Declared before me at the *City*
of *Vancouver*, in the
Province of British Columbia, this *27*
day of *June*, 1968, A.D.



John Turner

A Commissioner for taking Affidavits within British Columbia or
A Notary Public in and for the Province of British Columbia.

Sub-mining Recorder

For period
May 18 to
June 18/68

NORTH PACIFIC MINES LTD. (N.P.L.)
408 - 409 GRANVILLE STREET
VANCOUVER, B.C.

No 1379

June 21 1968

PAY TO THE ORDER OF *Frank G. Squire*

\$ 350⁰⁰/₁₀₀

\$350 DOLLARS

NORTH PACIFIC MINES LTD. (N.P.L.)

Raymond G. Squire

The Bank of Nova Scotia
VANCOUVER - MAIN OFFICE
602 WEST HASTINGS STREET
VANCOUVER, B.C.

⑆00000⑆002⑆ 03177⑆13⑆

FORM 14 BANK CHEQUE SUPPLY

NORTH PACIFIC MINES LTD. (N.P.L.)
408 - 409 GRANVILLE STREET
VANCOUVER, B.C.

No 1377

June 21 1968

PAY TO THE ORDER OF *H. H. Kishfelt*

\$ 1764^{xx}

\$1764 DOLLARS

NORTH PACIFIC MINES LTD. (N.P.L.)

Raymond G. Squire

The Bank of Nova Scotia
VANCOUVER - MAIN OFFICE
602 WEST HASTINGS STREET
VANCOUVER, B.C.

⑆00000⑆002⑆ 03177⑆13⑆

FORM 14 BANK CHEQUE SUPPLY

JUNE 21, 1968.

Received from North Pacific Mines LTD.
the sum of eleven hundred and fifteen
dollars (1015⁰⁰ for work performed on Property #2.
Period May 11th to June 18/68 for and one
hundred Dollars for hunting supplies)
\$ 1115⁰⁰

H. J. S. Co

PER Jesse Hungorli.

CHRISTOPHER JE WIRTH

Wage period May 18 - June 18/68

GROSS WAGES 525.⁰⁰

DEDUCTIONS

CA. PEN. PLAN 16.⁸⁴

INC. TAX 115.²⁵

Un. Ins. 4.⁰⁸

136.¹⁷

Net Wages

394.⁸³

NORTH PACIFIC MINES LTD. (N.P.L.)
408 - 409 GRANVILLE STREET
VANCOUVER, B.C.

No 1375

PAY
TO THE
ORDER OF

Christopher de Winter

June 21 1968
\$ 394⁸³/₁₀₀

Three hundred and ninety four and 83/100
\$394⁸³/₁₀₀

100 DOLLARS

NORTH PACIFIC MINES LTD. (N.P.L.)

A
The Bank of Nova Scotia
VANCOUVER - MAIN OFFICE
602 WEST HASTINGS STREET
VANCOUVER, B.C.

Raymond G. Smith

⑆00000⑆002⑆ 03177⑆13⑆

AGREEMENT FOR AIRBORNE MAGNETOMETER SURVEY

Between: GEO-X SURVEYS LTD.,
627 Hornby Street,
Vancouver 1, B.C. (hereinafter called GEO-X)

and: NORTH PACIFIC MINES LTD., and
COMET-KRAIN MINES LTD.,
728 West Hastings Street,
Vancouver 1, B.C. (hereinafter called PACIFIC-KRAIN)

GEO-X agrees to conduct an airborne magnetometer survey, including photographic control, over the following area:

Approximately 119 contiguous claims held by PACIFIC-KRAIN in the Bose Mountain area as laid out by PACIFIC-KRAIN.

GEO-X agrees to do and provide the following:

1. Approximately 125 line miles of survey with 500 foot spacing between flight lines, as shown on the attached layout maps.
2. Mobilization and demobilization for Geo-X personnel and equipment to and from the survey (including aircraft).
3. Airphotos of flight paths and air mosaic.
4. Reduction and processing of data into the form of a computer plotted isomagnetic contour plan.
5. Interpretation and report by a Professional Engineer with his recommendations outlining any anomalous areas and fault fracture trends, suitable for Government Assessment filing.
6. On completion of field work, a letter shall be submitted to the Government should report completion and filing time be required beyond June 24, 1968.

PACIFIC-KRAIN agrees to pay GEO-X on the basis of \$65.00 per line mile for the first 100 line miles and \$45.00 per line mile for any additional mileage in the same flight unit.

The total contract price for 125 line miles shall be \$7,625.00.

PACIFIC-KRAIN agrees to pay GEO-X \$3,800.00 (Three Thousand Eight Hundred Dollars) upon signing of this Agreement and such amount as may be properly due and owing shall be payable upon delivery of completed survey reports and maps.

Signed for GEO-X SURVEYS LTD.

Name Ray Peter
Position Sec. Treas.

Date: June 11, 1968.

Signed for NORTH PACIFIC MINES LTD.

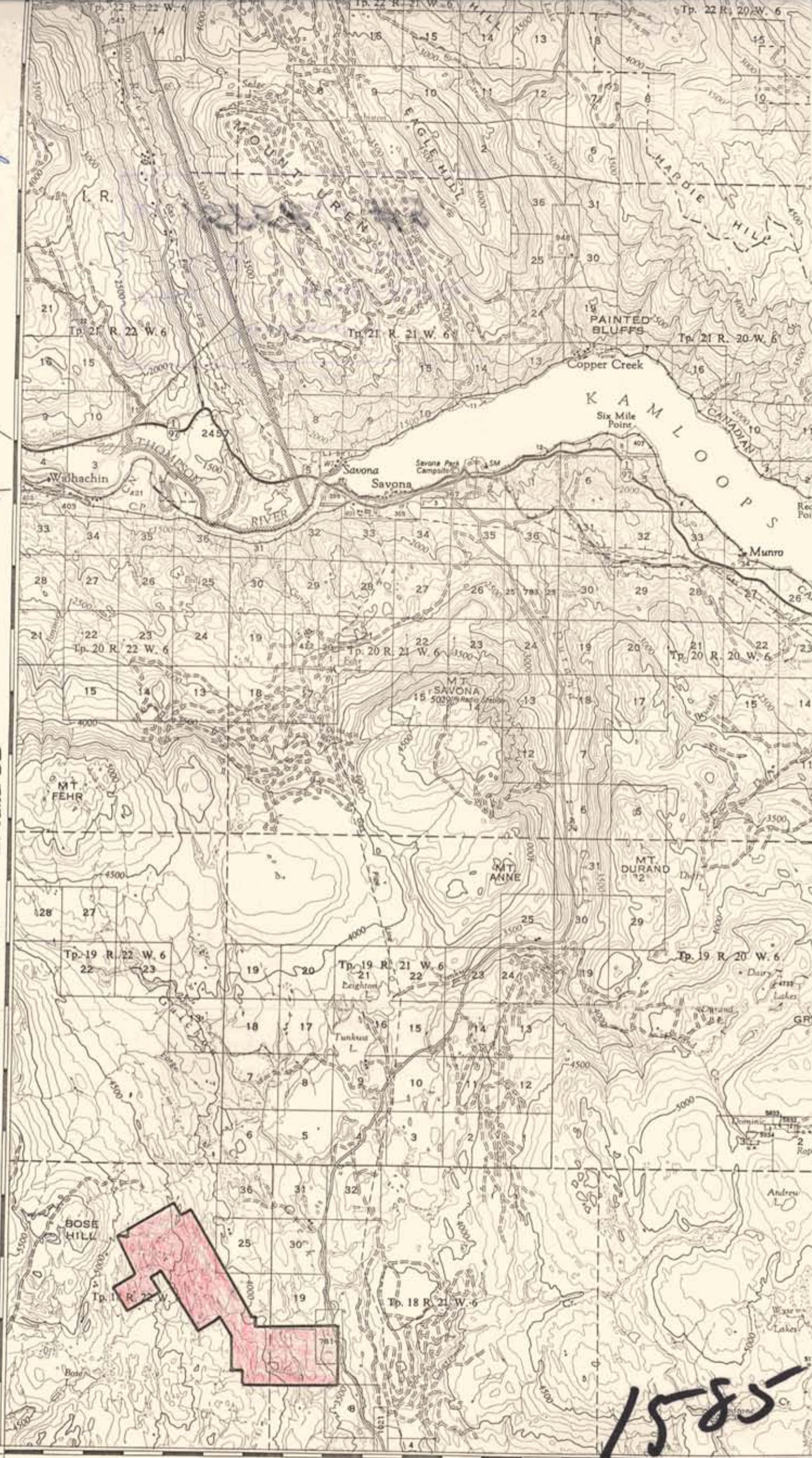
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Position [Signature]

Signed for COMET-KRAIN MINES LTD.

Name [Signature]
Position [Signature]

Outlying

TO ACCOMPANY: REPORT ON NORTH PACIFIC MINES MINERAL CLAIMS
BY: D.W. FRINGLE F.E.N.G. 21 JUNE '68



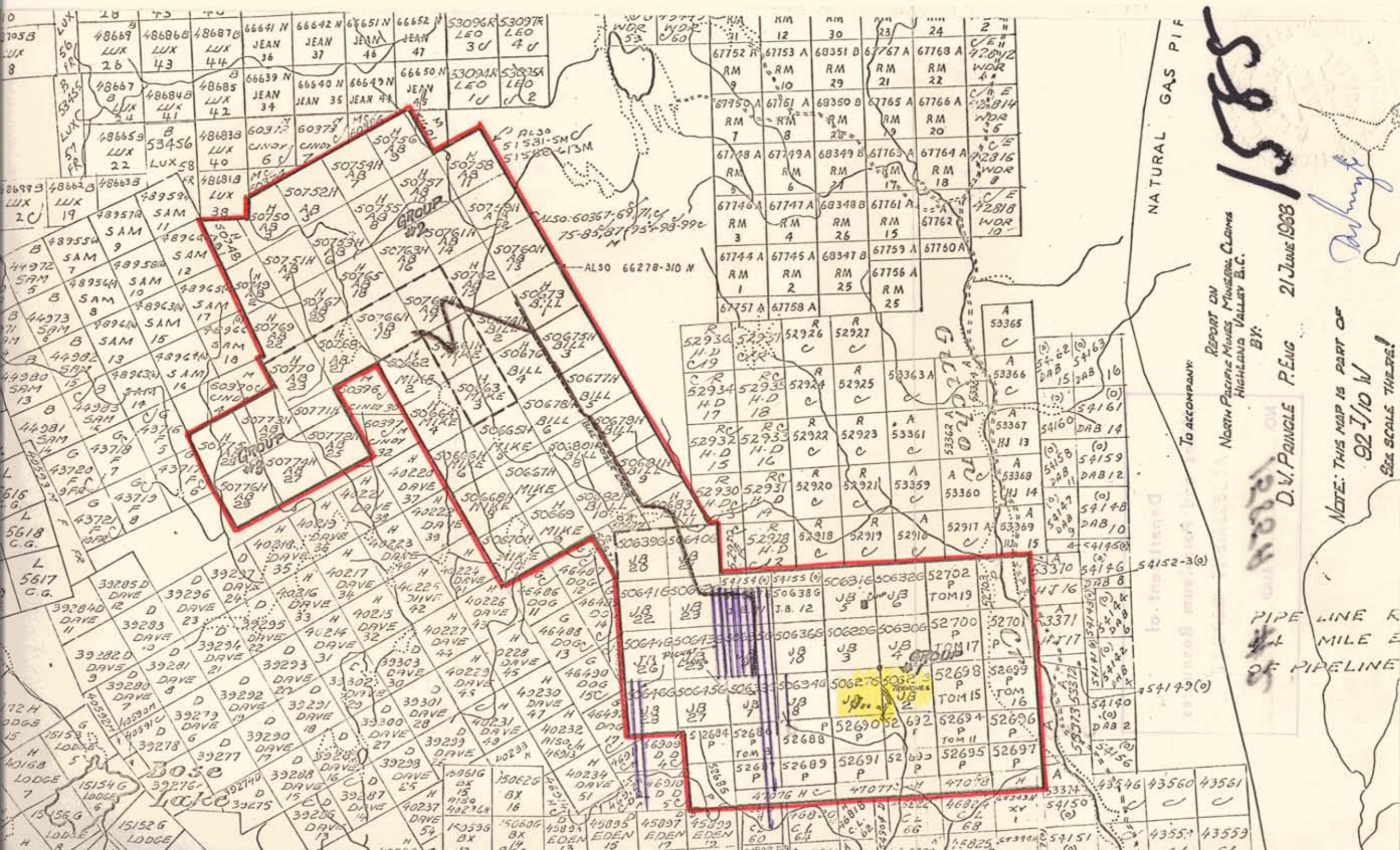
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50°30'

121°00'

Scale: 1" = 2 miles

45'



NATURAL GAS PIPE

REPORT ON
North Pacific Mines Municipal Claims
Highland Valley B.C.
BY:
D.V. PANGLE P. ENG 21 June 1968

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Anthony

NOTE: THIS MAP IS PART OF
92 I/10 W
SEE SCALE THERE!

PIPE LINE
1/2
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OF PIPELINE

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66642 N JEAN 37
66651 N JEAN 46
66652 N JEAN 47
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53097R LEO 4U
66639 N JEAN 34
66640 N JEAN 35
66649 N JEAN 44
66650 N JEAN 45
53095A LEO 1U
53095B LEO 2

67752 R
67753 A
68351 B
67767 A
67768 A
67750 A
67761 A
68350 B
67765 A
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67748 A
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68349 B
67763 A
67764 A
67746 A
67747 A
68348 B
67761 A
67762 A
67744 A
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68347 B
67759 A
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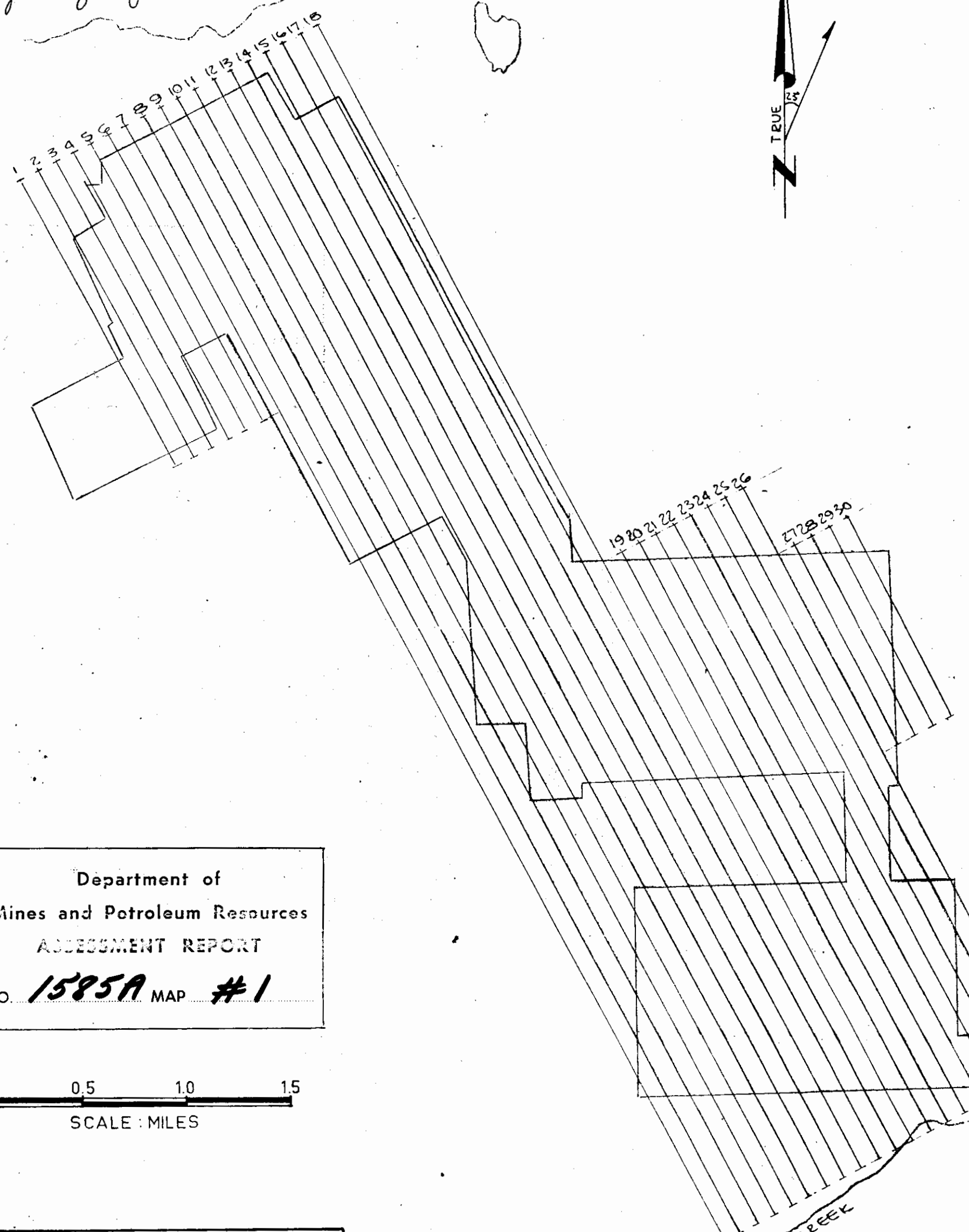
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48700 LUX 73

ALSO 66278-310 N
ALSO 60367-69 N
75-85, 87, 95, 98-99

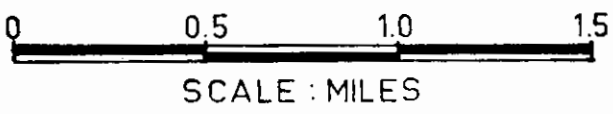
ALSO 66278-310 N

ALSO 66278-310 N

To Accompany
 Report on
 North Pacific Minerals General Claims
 Highland Valley, B.C.
 DuPont P. Eng. 2 June 68



Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. **1585A** MAP **#1**



NORTH PACIFIC MINES LTD.
 HIGHLAND VALLEY, KAMLOOPS M.D., B.C.

PROPOSED
 FLIGHT PATTERN
 LINE MILEAGE: 125 MILES

 **GEO-X SURVEYS** Ltd.

DRAWN: DEY.	CKD:	JOB:
APPR'D:	DATE:	FIG.

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