MAP NO.: 105 O 1	**ASSESSMENT REPORT** X **PROSPECTUS** **CONFIDENTIAL** X **OPEN FILE**	**DOCUMENT NO:** 092865 **MINING DISTRICT:** Watson Lake **TYPE OF WORK:** Orthophotos

REPORT FILED UNDER: British Newfoundland Exploration Ltd.

DATE PERFORMED: May, 1977 **DATE FILED:** Aug 16,1990

LOCATION: **LAT.:** $63^{o}10'$N **AREA:** Macmillan Pass

LONG.: $130^{o}15'$W **VALUE $:**

CLAIM NAME & NO.: GARY 63-75

WORK DONE BY: British Newfoundland Exploration Ltd.

WORK DONE FOR: British Newfoundland Exploration Ltd.

DATE TO GOOD STANDING:	

REMARKS: Orthophoto survey completed in 1977 by Ogilvie Joint Venture on the Gary property. A black siliceous shale unit lies stratigraphically above the Racicot barite occurrence of 3 million tons of 84% $BaSO_4$ located to the north.

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

M.R. file no.

R.M.M.R. file no

Date forwarded 14 August 1990

TRANSMITTAL FORM

OFFICE OF THE REGISTRAR MINERAL RIGHTS YUKON TERRITORY WHITEHORSE AUG 16 1990

From ▶ Mining Recorder at: WATSON LAKE

To ▶ Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

- ☐ NEW APPLICATION FOR PLACER LEASE TO PROSPECT — Name
- ☐ RENEWAL APPLICATION PLACER LEASE TO PROSPECT — Name — Lease no.
- ☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE — Name — Lease no.
- ☐ SECURITY DEPOSIT
- ☐ FINANCIAL ABILITY
- ☐ ASSIGNMENT OF PLACER LEASE NO. — From — To
- ☐ GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. — Owner
- ☐ DIAMOND DRILL LOGS — Claims — Claim sheet no.
- ☑ QUARTZ ASSESSMENT REPORT — Claims: GARY 63 to 75 Y84402-14 — Claim sheet no.: 105-0-01

For Numbering only
This is our only copy please return it

Type of report: Geo Mapping

Submitted by: British Newfoundland Exploration Ltd (In-trust)

Cls. work performed on: Net 60, GARY 63-75

$ req. for ren. application

Signature

Date returned

REPLY ACTION

092365

Only one copy available which was returned to Watson Lake.

Signature

802-37 (7-88)

REVISED 1990

Occurrence No. 13

Property Name: Common RACICOT Other

Location: Lat. 63°04' Long. 130°12' NTS 105 O/1

Metals: Major Barite Minor Zinc

Type of Mineral Deposit: Formational

History and Previous Work:

Old claims posts are present here but the staking records have not been located. Restaked as Barite cl (Y68355) in July/72 by A. Racicot and as Moose cl (Y69660) in Aug/73 by Nuspar Res L (Spartan EL), which explored with mapping and hand pitting in 1973 and bulldozer trenching in 1974 and optioned the claims to Yukon Barite L in 1976. Trenching was performed by Yukon Barite L in 1977 and Nuspar Res L in 1984.

C.L. Smith's Ogilvie JV (Brinco, Mitsubishi Met Corp and Ventures West Capital) surrounded the showing with the Gary cl (Y96250) in Aug/74 and explored with mapping, geochem and gravity surveys and 2 holes (358 ft) south of the Moose showing in 1975, and added Net cl (YA12246) in Dec/76. In 1977, the Smith and Ventures West interests were assigned to Ogilvie Ml Corp and Ogilvie JV explored with more mapping, geochem and EM surveys. Part of the Brinco interest was assigned to A.M. & S. Can L (Conzinc Rio Tinto of Australia). Itsi JV (Aquitaine, St. Joseph EL and Union OL) added the Moonlight cl (YA6148) to the west in Aug/76 and explored with mapping, geochem and EM surveys in 1976-77 and
* surveying in 1981. J. Dodge tied on Spar cl (YB3037) to the north in June/89.

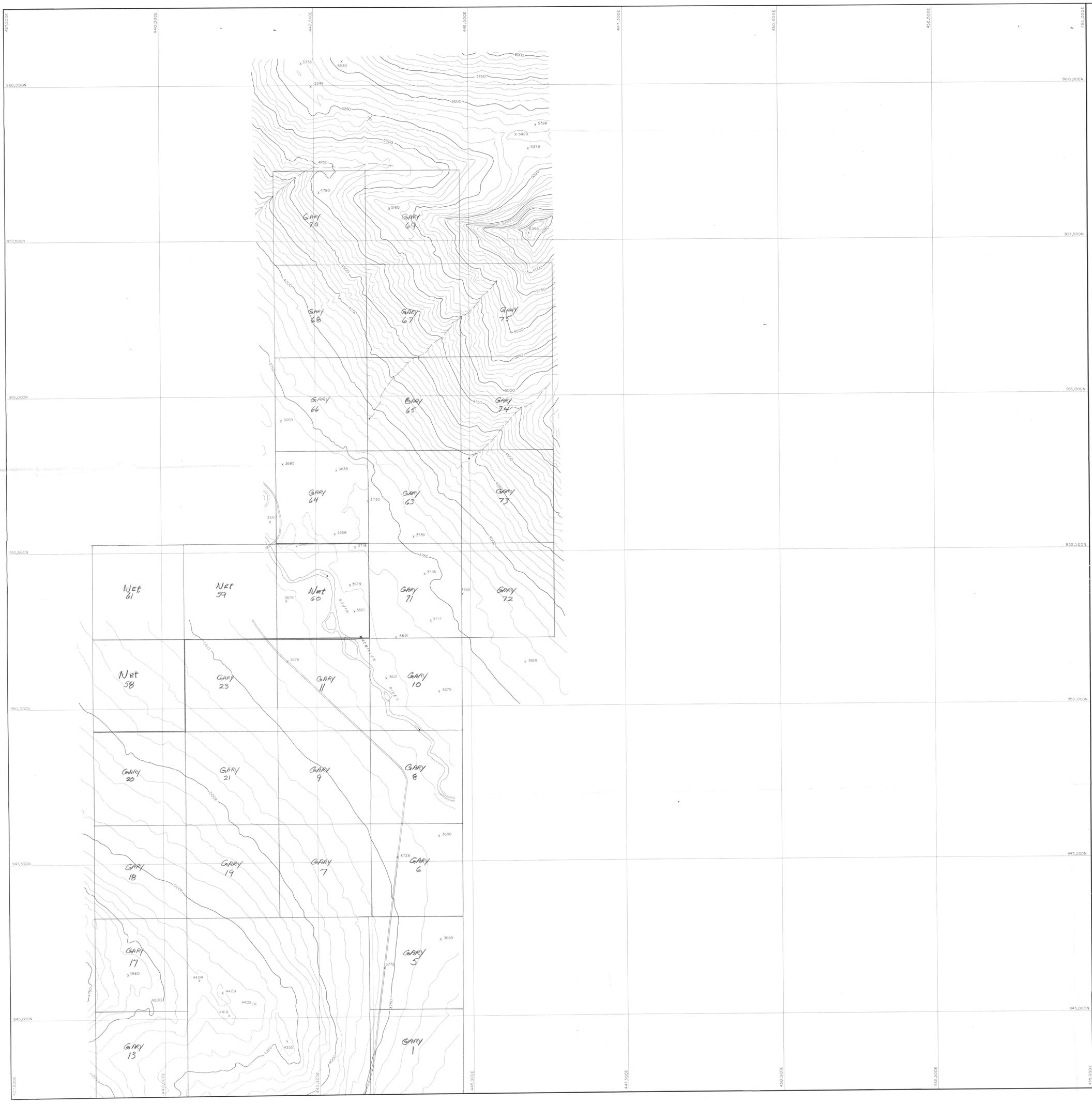
Description:

On the Moose claims, two conformable beds of finely laminated barite 80 to 150 ft wide and 650 to 750 ft long occur near the base of a shale member of the Dev-Miss Canol Fm just above an underlying chert pebble conglomerate unit. The zones dip steeply and one is exposed over a vertical interval of 200 ft. Preliminary sampling indicated at least 3 million tons grading about 84% $BaSO_4$ and 12 to 14% quartz that can be mined with minor waste removal.

A black siliceous shale unit exposed on the Gary claims to the south lies stratigraphically above the Racicot barite occurrence and contains very finely disseminated, low-grade zinc mineralization.

References:

MIR 1973, p.22; 1974, pp.21-22; 1976, pp.115-116; 1977, p.31
WM, Nov/74, pp.30-31
ER, Oct/75 by C.L. Smith for Ogilvie JV - A.R. #090013-14-16-114
ER, Dec/77 by O.S. Hairsine for Ogilvie JV - A.R. #061656 to 58



inches 0 1 2

0 1 2 3 4 5 centimetres

This reference scale for measuring distances on the original map. It will scale at the same rate as the original map and can be used as a reference for the original size.

YUKON GEOLOGICAL SURVEY

OGILVIE JOINT VENTURE
GARY PROPERTY
Macmillan Pass Area 105-O-1
Mayo and Watson Lake Mining Districts

2

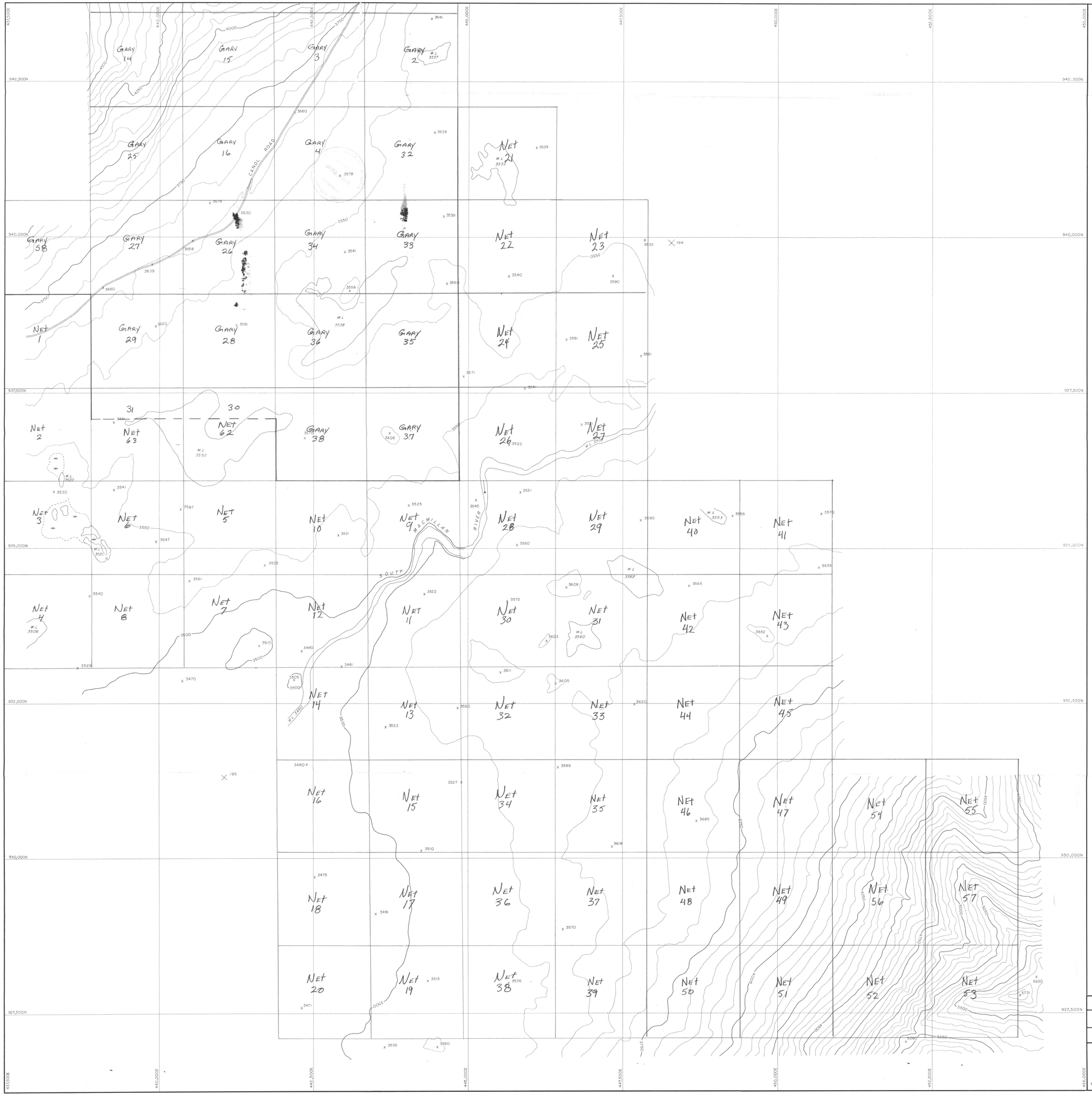
Compiled from aerial photography at an approximate scale of 1 inch equals 2640 feet flown in 1973

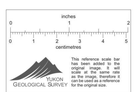
092865

McElhanney

McElhanney Surveying & Engineering Ltd.
1200 West Pender Street, Vancouver B.C., Canada

Scale - 1 : 500	
Contour Interval - 50'	
Date - MAY 1977	
Job No.- 06358-1	
Sheet No.- 1 OF 2	





OGILVIE JOINT VENTURE

GARY PROPERTY

Macmillan Pass Area 105-O-1

Mayo and Watson Lake Mining District

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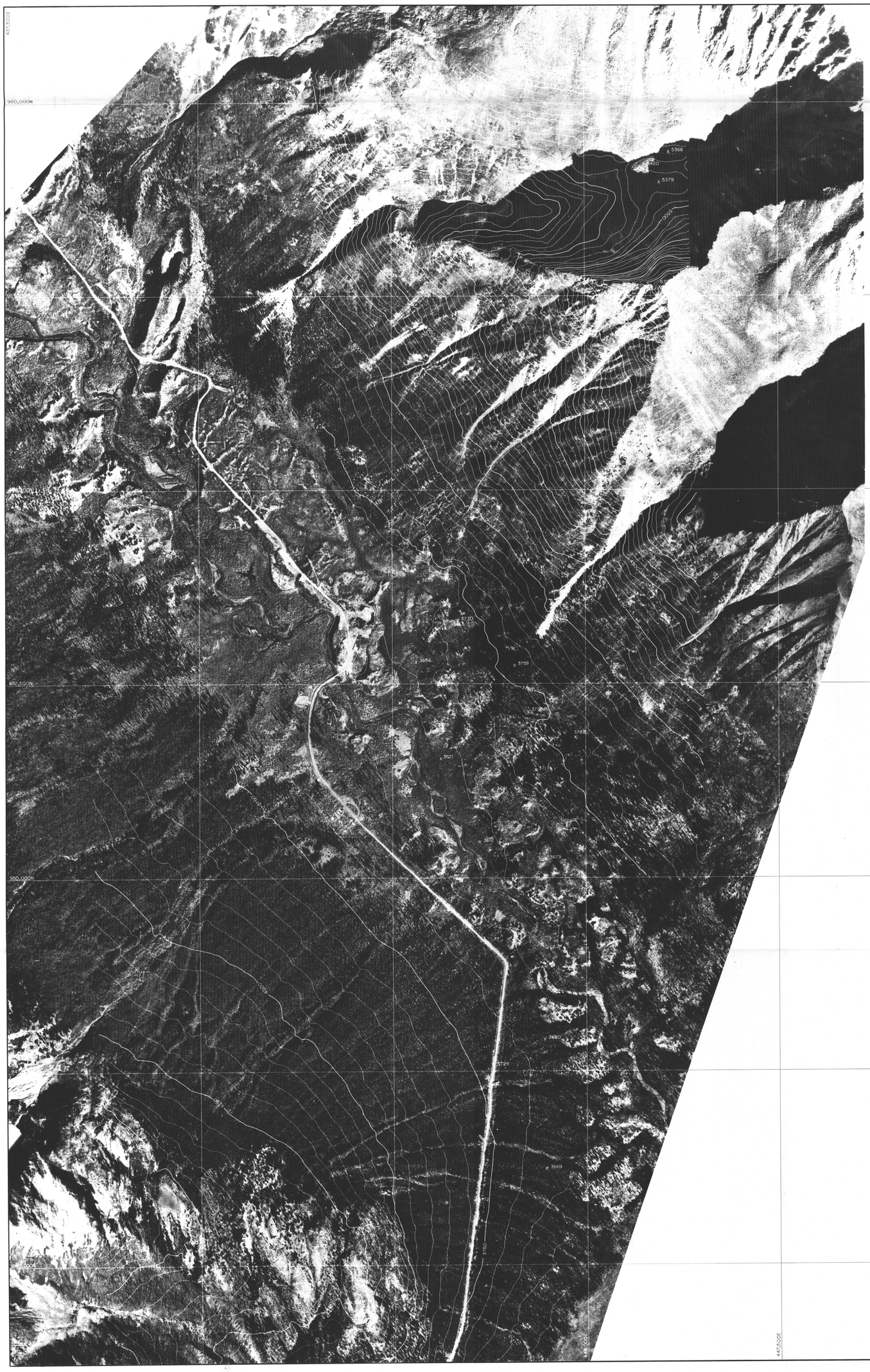
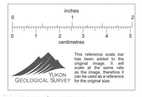
1200 West Pender Street, Vancouver B.C., Canada

Scale -	1" = 500'
Contour Interval -	50'
Date -	MAY 1977
Job No. -	06358-1
Sheet No. -	2 OF 2





OGILVIE JOINT VENTURE

GARY PROPERTY

Macmillan Pass Area 105-O-1

Mayo and Watson Lake Mining Districts

1
2

Compiled from aerial photography at an approximate scale of 1 inch equals 2640 feet flown in 1973

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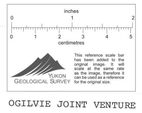
Sheet No. -	1 OF 2



OGILVIE JOINT VENTURE

GARY PROPERTY

Macmillan Pass area 105-O-1

Mayo and Watson Lake Mining Districts

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Sheet No. - 2 OF 2	