

Don:

PROPERTY DATA

June/1989

676323

this is about the total of the data available. Well zoned alt'a sequence in creek + Cu stain.

Andy.

totalling 64 units.  
kms or 1600 hectares or 3953 acres)

ECA Mining Division, NTS 93L/6  
tude 54° 25' N  
itude 127° 24' W  
ms are 44km SSW of Smithers, B.C.

tly by helicopter, but logging roads are now extended (1989) up the Thautil River to the eastern corner of the claims.

ry Copper ( $\pm$  Mo, Au, Ag) deposit

hly altered, calc-alkline, quartz monzonite  
ry intrusive is poorly exposed in a creek gully  
about 800 metres.

Mineralization comprises 3-6% pyrite, with variable amounts of tenorite, malachite, chalcopyrite and chalcocite (?), both disseminated and fracture plane.

5. Geology - The area is underlain by flat-lying Jurassic volcanics which have been intruded by several Cretaceous stocks.

High grade copper - silver ( $\pm$  gold) veins and replacement deposits were explored several miles to the north (1905 - 1920, 1965 - 1970). They could represent "halo" mineralization to the MSJ porphyry prospect.

6. Geophysics - A small aeromagnetic low coincides with the main area of interest - it may represent the area of most intense hydrothermal alteration.  
(Reference: GSC Geophysics Paper 5309)

The area of interest is also partly defined by a large (3000m x 1000m) IP anomaly with chargeabilities greater than 20 mv/volt, and peak values up to 50 mv/v.  
(Reference: Assessment Report 5208)

7. Geochemistry: Six representative rock samples were collected during the staking program and have been analyzed. These results are attached.

8. Ownership: a) A.J. Schmidt, P.Eng, as to 50%  
306 - 673 Market Hill  
Vancouver, B.C. V5Z 4B5  
Tele: (604) 877-1246

- b) J.H. McAusland, P.Eng., as to 50%  
929 Jarvis Street  
Coquitlam, B.C. V3J 4Z8  
Tele: (604) 937-5626

Negotiations to be carried out with Mr. Schmidt

9. Rock Samples - Available for examination.

June/1989

676323

1. MSJ 1-4 Claims, totalling 64 units.  
(covers 16 sq. kms or 1600 hectares or 3953 acres)
2. Location - OMINECA Mining Division, NTS 93L/6  
Latitude 54° 25' N  
Longitude 127° 24' W  
- claims are 44km SSW of Smithers, B.C.
3. Access - Presently by helicopter, but logging roads are now being extended (1989) up the Thautil River to the south eastern corner of the claims.
4. Target - Porphyry Copper ( $\pm$  Mo, Au, Ag) deposit  
  
A highly altered, calc-alkaline, quartz monzonite porphyry intrusive is poorly exposed in a creek gully for about 800 metres.  
  
Mineralization comprises 3-6% pyrite, with variable amounts of tenorite, malachite, chalcopyrite and chalcocite (?), both disseminated and fracture plane.
5. Geology - The area is underlain by flat-lying Jurassic volcanics which have been intruded by several Cretaceous stocks.  
  
High grade copper - silver ( $\pm$  gold) veins and replacement deposits were explored several miles to the north (1905 - 1920, 1965 - 1970). They could represent "halo" mineralization to the MSJ porphyry prospect.
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Negotiations to be carried out with Mr. Schmidt
9. Rock Samples - Available for examination.



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TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: A SCHMIDT  
Project: MSJ  
Attention: A SCHMIDT

File: 9-129/P1  
Date: FEB 23/89  
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

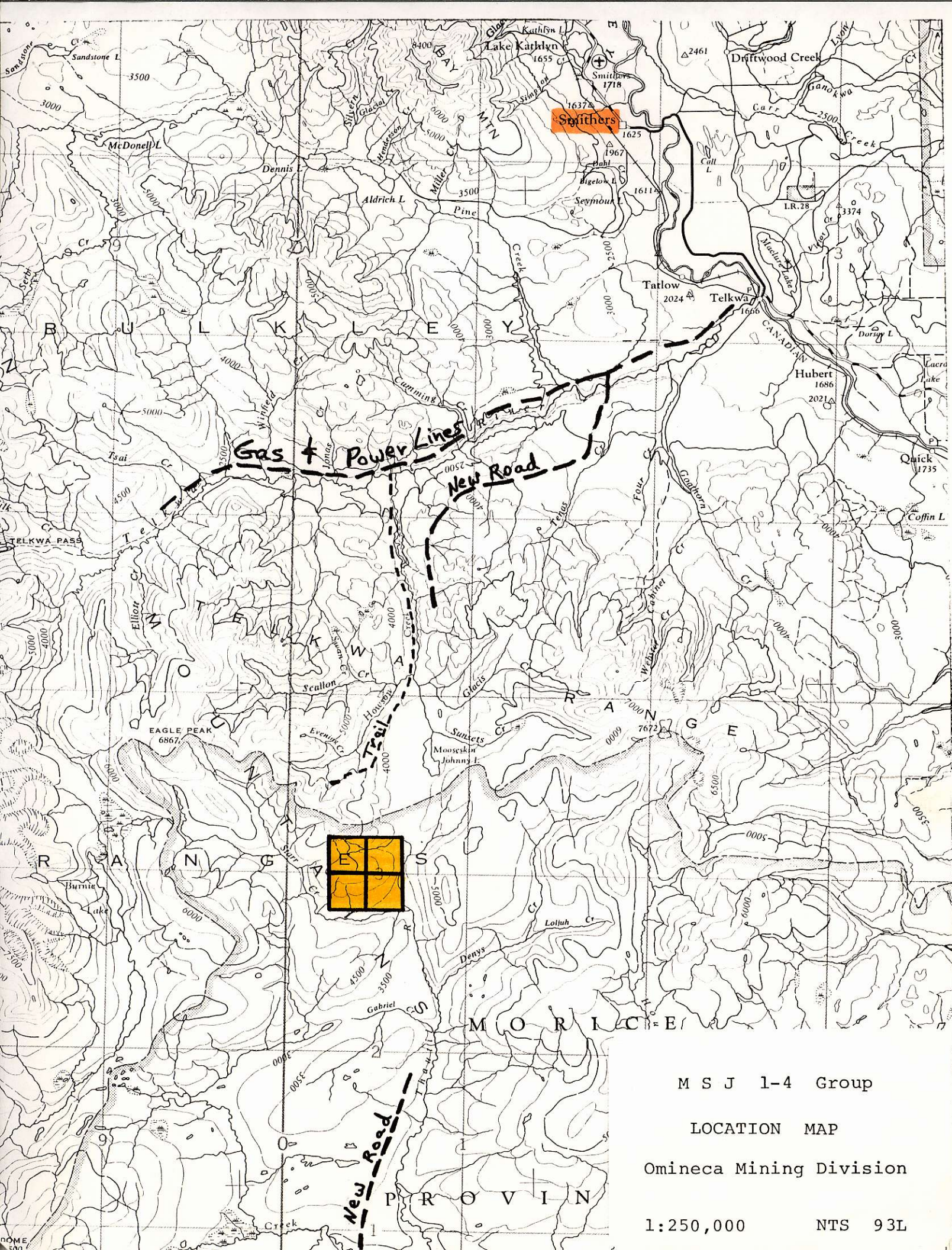
Sample Number	AG PPM	AU-WET PPB	CU PPM	MO PPM	(m) distance	Remarks
6529	0.3	5	24	2	800	propylitically alt'd volc, 1-3% py
6531	0.2	5	8	2	2160	lga o/c argill-alt'd felds porph ~6% py, well fract'd
6532	0.4	5	6	4	2180	
6533	0.5	10	263	42	2840	
6534	0.5	5	132	27	2935	phyllitic alt'd, 5% py, tenonite phyllitic(?) alt'n, 3% py, poor fract'g
6535	0.5	10	125	6	2975	argill alt'n, 5% py, tenonite

Distance measurements from West Boundary of MSJ #1 claim,  
heading easterly down 'Trail Creek'.

Samples are representative chip samples taken from outcrops  
accessible/visible with ~2 metre snow cover; they probably do  
not represent the best material within the o/c.

Certified by \_\_\_\_\_

MIN-EN LABORATORIES LTD.



Smithers

Gas & Power Lines  
New Road



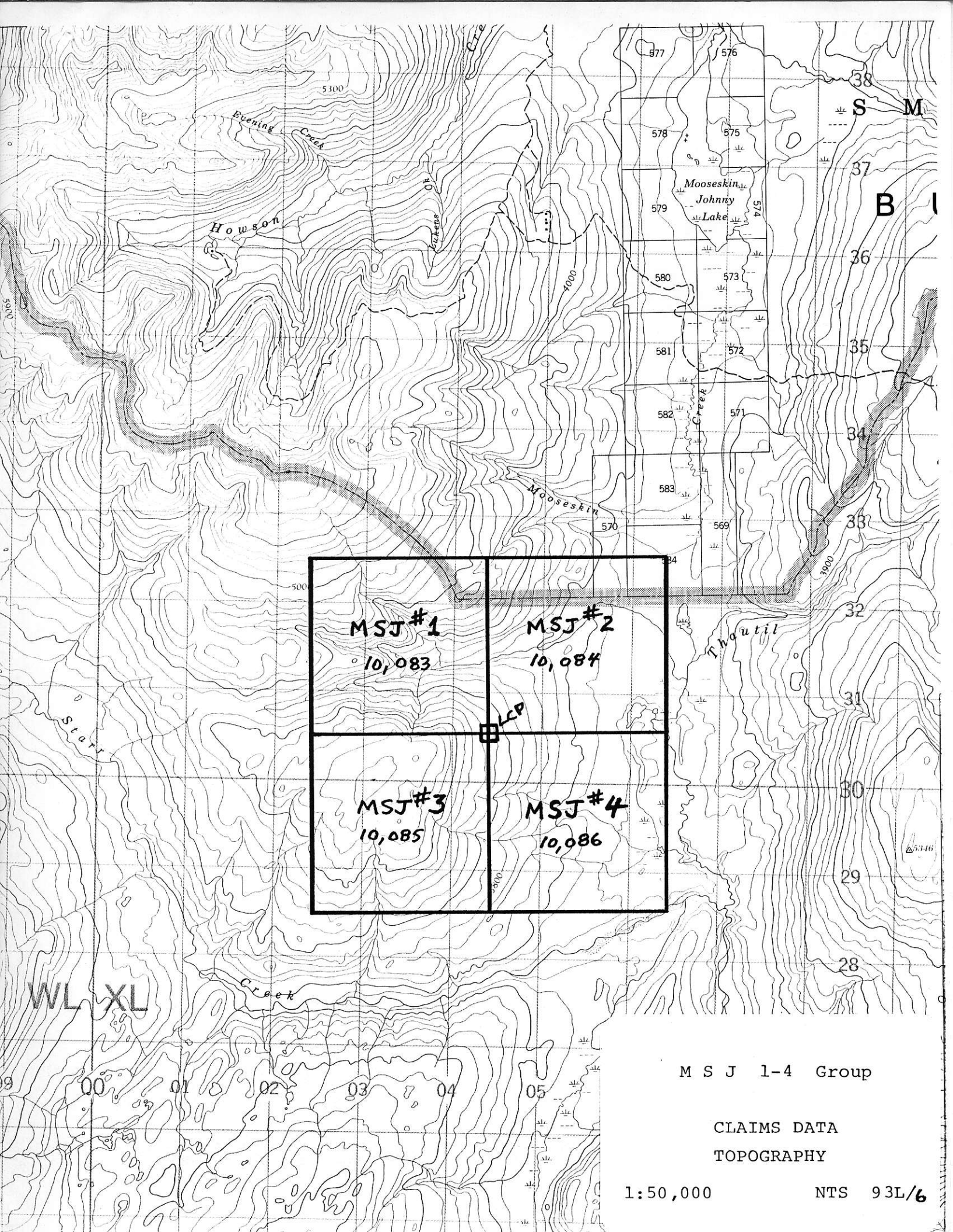
M S J 1-4 Group

LOCATION MAP

Omineca Mining Division

1:250,000

NTS 93L

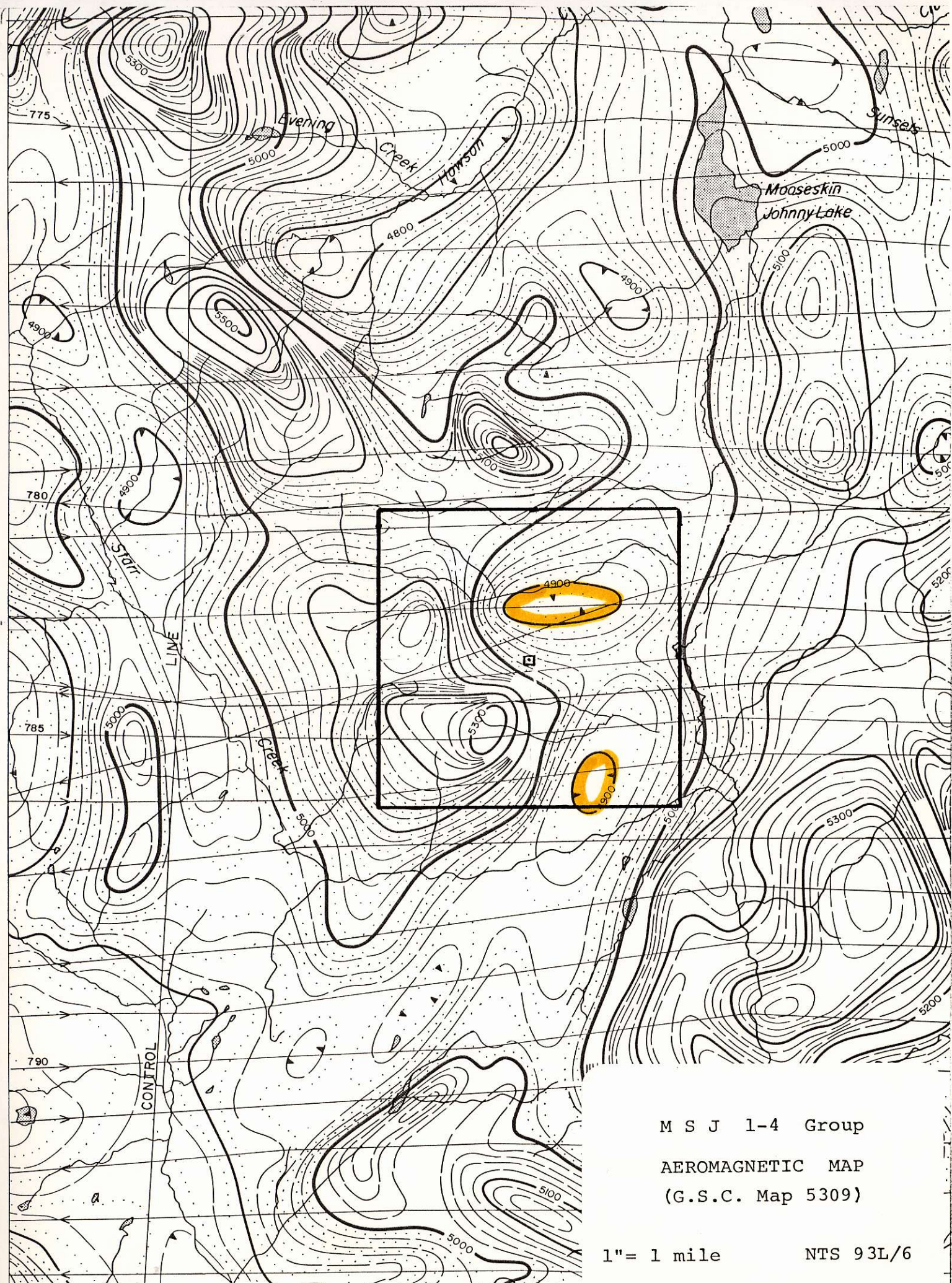


M S J 1-4 Group

CLAIMS DATA  
TOPOGRAPHY

1:50,000

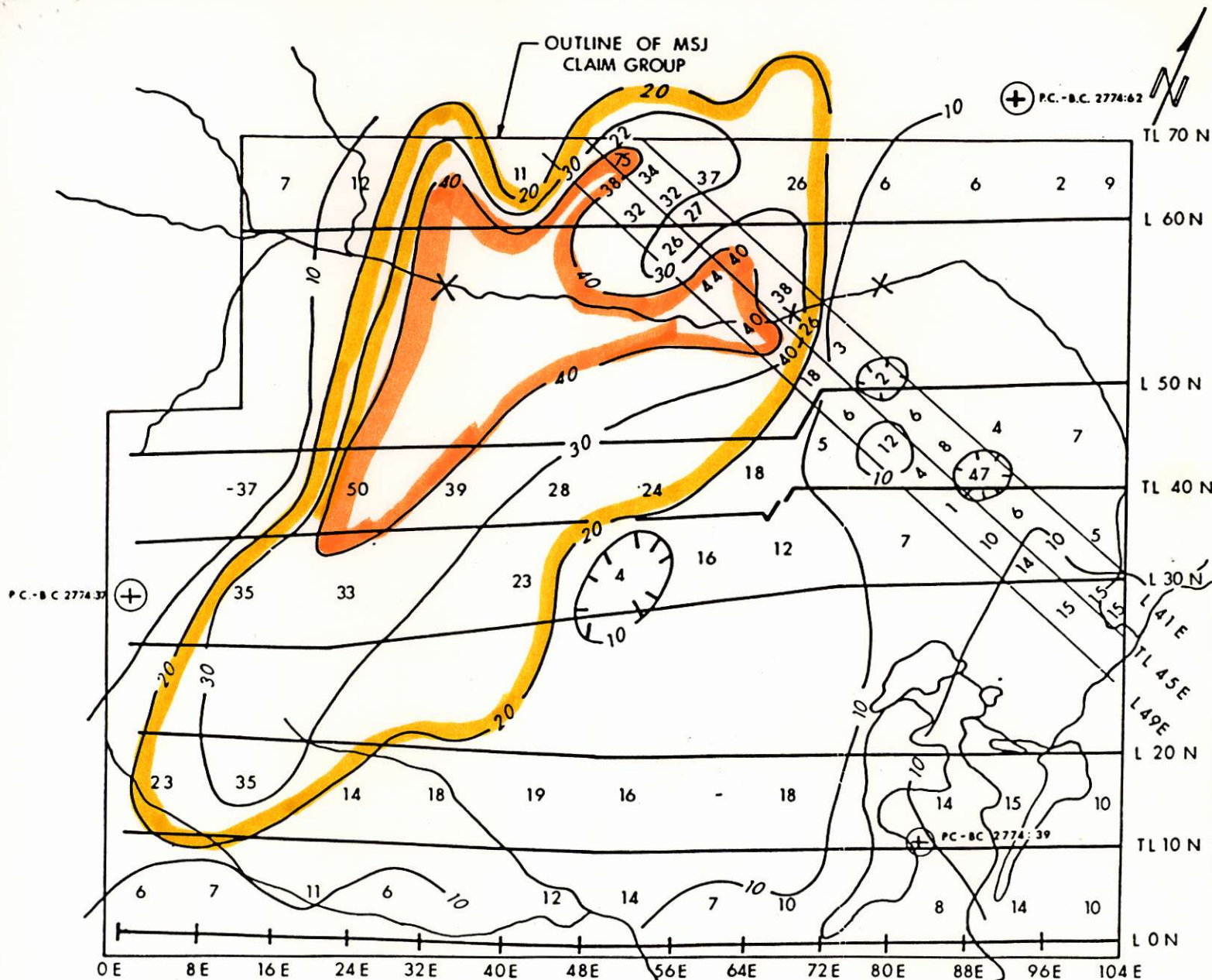
NTS 93L/6



M S J 1-4 Group  
AEROMAGNETIC MAP  
(G.S.C. Map 5309)

1" = 1 mile

NTS 93L/6

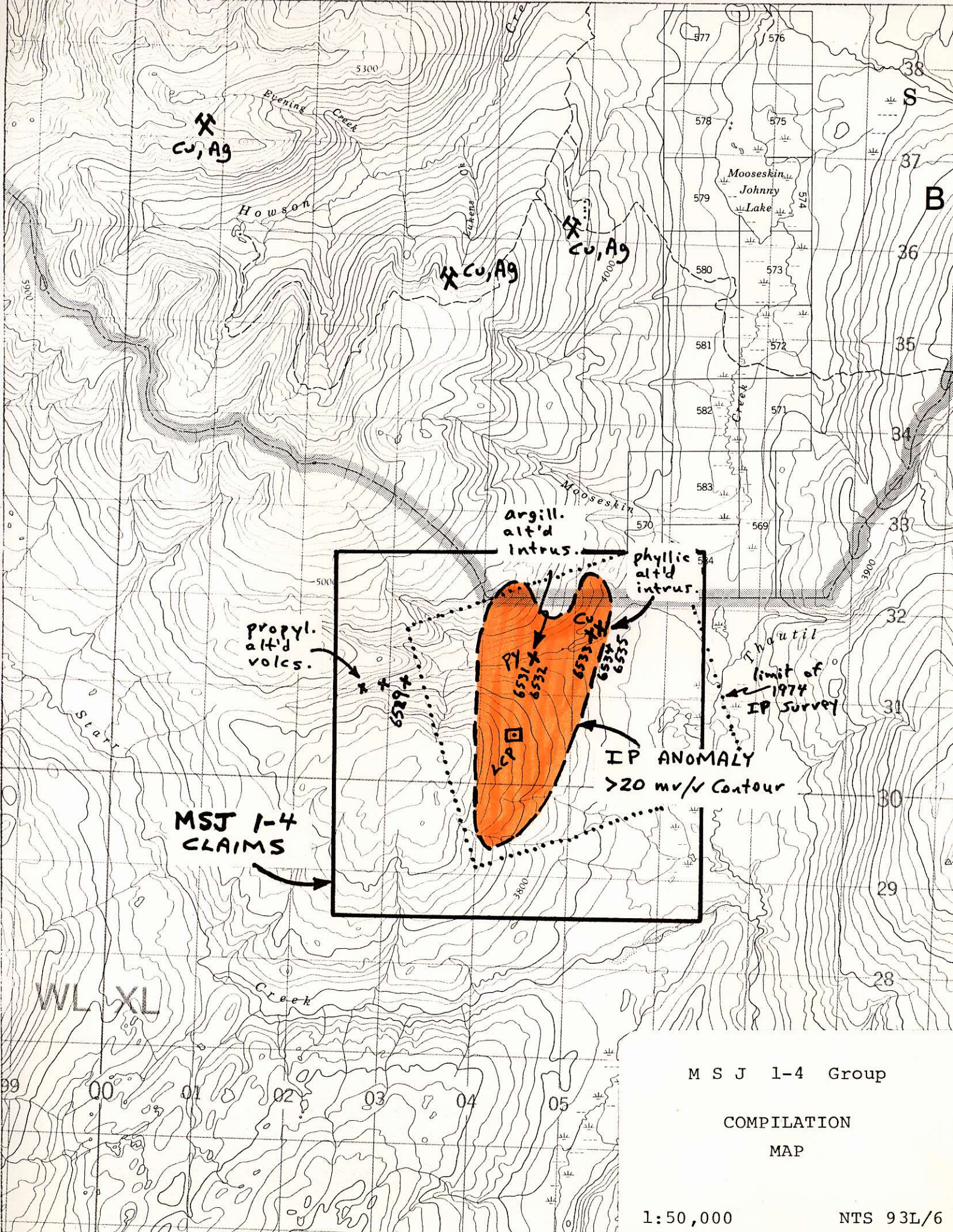


TO ACCOMPANY  
 GEOPHYSICAL REPORT  
 ON THE MSJ CLAIMS  
 NEAR SMITHERS, B.C.  
 IN THE OMINECA MINING DIVISION  
 by L.A. HOMENIUK, M.Sc.  
 OCTOBER 24, 1974

Mines  
 A  
 NO. 5

M S J 1-4 Group  
 CHARGEABILITY  
 (1974 Assess. Rpt. 5208 -  
 H.B.O.G.)

1:19,000 NTS 93L/6



X  
Cu, Ag

X  
Cu, Ag

X  
Cu, Ag

propyl.  
alt'd  
volcs.

Argill.  
alt'd  
Intrus.

phyllitic  
alt'd  
intrus.

MSJ 1-4  
CLAIMS

Cu  
Py  
6531  
6532  
6533  
6534  
6535  
LCP

IP ANOMALY  
>20 mv/v Contour

limit of  
1974  
IP Survey

M S J 1-4 Group

COMPILATION  
MAP

1:50,000

NTS 93L/6