

LOG NO: SEP 10 1992 RD.

ACTION.

GRANITE CITY EXPLORATION  
W. Greg Fillion, Owner/Operator  
Box 288, Lillooet, B.C. V0K 1V0

FILE NO:

GEOPHYSICAL ASSESSMENT REPORT

Payroll, Paymaster, & Eva Mineral Claims

Fort Steele Mining Division

N.T.S. 82G/5W

Latitude: 49° 25.9' N. Longitude: 115° 56.2' W.

Report by W. Greg Fillion

B.C. Certified Prospector (1983)

Report Submitted September 8, 1992

Work performed during May and June, 1992

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**22,486**

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# GRANITE CITY EXPLORATION - W. G. FILION

## GEOPHYSICAL ASSESSMENT REPORT

### PAYROLL, PAYMASTER, & EVA MINERAL CLAIMS

Fort Steele Mining Division

#### I. GENERAL STATEMENT

This report outlines the results of geophysical exploration work conducted in May and June, 1992. VLF, Proton Magnetometer, and Self-Potential surveys were carried out. Total expenditures related to this exploration program amounted to \$ 5,536.36.

#### II. INTRODUCTION

##### A. Status of Ownership

The Payroll, Paymaster, and Eva claims are 100% owned and operated by W. Greg Filion of Lillooet, B.C..

##### B. Location and Access

Access from Cranbrook to the Payroll Group of claims is gained by driving on 16 km of pavement via Highway 95 south to Lumberton, followed by 8 km of good gravel bush road into the Upper Moyie River drainage system. The claims are situated at the bridge crossing Negro Creek. Map coordinates are Latitude 49° 25.9' N., Longitude 115° 56.2' W.. The NTS is 82G/5W. A level turn-of-the-century sleigh trail leads north along the slough for 1 km to the existing adits.

##### C. General Character of the Area

Relief on the Payroll Group of claims is characterized by a steep rock walled canyon with swampy moose pasture, a creek, and a small lake running through the canyon floor. The skree covered canyon sides quickly rise over 100 m before flattening off towards the east boundary of the

claims. Running approximately east to west across the Eva and Paymaster claims are two high voltage power lines, one 63 kV and the other 123 kV, that are cleared of timber. The remainder of the area is forested by mature Douglas Fir, Larch, Ponderosa Pine, and Lodgepole Pine.

### III. GEOLOGICAL DESCRIPTION

#### A. Introduction

The general country rock in the area is massive Aldridge grey quartzites that strike N. and dip 20° E.. Cutting the quartzites near the creek is a hornfelsic diorite dyke, running northward. A vein of quartz five feet wide follows the contact on the east side of the dyke for some distance. Quartz veins and stringers carry galena, iron pyrites, chalcopryrite, and tellurides of lead.

#### B. Existing Underground Development

Examination of the old workings on the claims by the current owner reveals approximately 1000 feet of tunneling, including evidence of 4 drifts, 1 raise, and 2 open cuts. The workings, from north to south, are described in the 1933 Report of the Minister of Mines.<sup>1</sup> Compass readings are given in magnetic.

"A 65-foot tunnel driven S. 70° E., in quartzite, develops a vein-fracture dipping 65° to the south. Along the northern wall, for a length of 40 feet back from the face, quartz showing occasional spots of chalcopryrite, 7 to 10 inches wide, is exposed. A sample of this material assayed: Gold, trace; Silver, trace; copper, 0.5 per cent. At points 15 and 36 feet back from the face respectively quartz stringers branch off from the vein into the south and north walls. The last-mentioned stringer, from 4 to 12 inches wide, is composed of partially decomposed quartz containing pyrite and chalcopryrite. A sample across a section 4 to 8 inches wide assayed: Gold, 0.16 oz. per ton; silver, 2 oz. per ton; copper, 5.8 per cent. A selected sample from the southern stringer, 6 inches wide, assayed: Gold, 0.34 oz. per ton; silver, 1.56 oz. per ton. A selected sample from the main fracture 42 feet in from the portal assayed: Gold, 0.12 oz. per ton; silver, 0.70 oz. per ton.

<sup>1</sup> B. C. Report of the Minister of Mines, 1933, pp. 204A, 205A.

About 125 feet southerly from the 65-foot tunnel there is a shaft, approximately vertical, said to be 150 feet deep, which when inspected, contained water below the 45-foot point. A tunnel 122 feet long, at the 100-foot level, and a 60-foot drift to the east, at the 148-foot level, are said to have been driven. Just below the collar a tunnel extends south-easterly and then easterly for a total distance of 22 feet. This working, in quartzite, cuts a zone of mineralized fractures striking from S. 30° to 40° E. and dipping to south west at from 65° to 75°. Near the shaft a narrow diorite dyke cuts the quartzite. A sample taken over a width of 10 inches at the junction of two stringers assayed: Gold, 0.30 oz. per ton; silver, 0.8 oz. per ton. The same vein-zone is said to have been cut at the 148-foot level with seven stringers in a width of about 10 feet.

About 800 feet farther south, and at about 75 feet higher elevation, a crosscut 109 feet long penetrates first quartzite and finally the diorite dyke 30 feet wide. At its inner end short drifts in both directions, with a winze and raise, these being inaccessible, develop a quartz vein 5 feet wide striking N. 40° E. and dipping at 35° to the south-east. This vein is iron-stained, shattered, and decomposed, with gouge on both walls. A sample across 5 feet in the south-western drift gave only traces of gold and silver per ton.

Above this working a short tunnel and an open-cut develop the outcrop of the same vein, which here is about 4 feet wide, decomposed, and rusty-looking from oxidation of iron sulphides.

Farther south, near a little pond, a tunnel 246 feet in length is first driven in a direction N. 50° E. and then turns S. 50° E. to where a short drift extends N. 5° W. along an 18-inch quartz vein in which no mineralization is visible. A sample of selected quartz from the dump at the portal assayed: Gold, 0.11 oz. per ton; silver, 0.12 oz. per ton.

The following is an extract from James McEvoy's report in the publication aforesaid: <sup>2</sup> "A small vein on another part of this property, cutting across the dyke, showed, in a specimen examined by Dr. Hoffmann, rust-stained quartz, carrying a little telluride of lead (altaite) and some particles of free gold. The specimen is undoubtedly rich in gold, and although there was no gold in the specimen of telluride actually examined, the presence of altaite affords reason to anticipate the discovery of some of the tellurides of gold with which it is frequently associated."

2 McEvoy, James. "Report A". Geological Survey of Canada 1899 Annual Report. Ottawa: S. E. Dawson Printers, 1902, p. 87A.

### C. Past Production

Maurice Quain, owner of the Payroll Group, shipped 18 tons of ore to a smelter in 1907. The metals recovered were reported as 6 oz. gold and 23 oz. silver.<sup>3</sup> No other significant development has been carried out.

## IV. PRESENT WORK

### A. Object

It was my intent to look for an indication that economic minerals exist on the claims.

The object of the 1992 exploration program was therefore to collect sufficient data from three geophysical instrument surveys to determine whether further surveys and/or physical work can be warranted on the claims.

### B. Theory

Three instrument surveys were chosen on the basis of the structure of the mineralization being surveyed, topography, power line considerations, instrument availability, and survey costs. The surveys chosen were VLF, Proton Magnetometer, and Self-Potential. The data gathered was then analyzed for anomalous correlations between surveys.

### C. Instrumentation & Procedures

Data was collected on a grid consisting of a north-south baseline marked out at 100 metre intervals to position east-west grid lines. Data collection stations were chained out at 10 meter intervals for the length of the baseline and along east-west grid lines. A total of 10 kilometres of grid were surveyed.

<sup>3</sup> B. C. Department of Mines. Report of the Minister of Mines Index 3. Table 1, p. 208.

A crew of 2 people passed over the ground being surveyed. Person 1, carrying no metal objects, took compass readings, chained distances, and took the proton magnetometer readings on the first passover of a grid line. Person 2 followed one station behind, and he set in place the SP base pot, spooled out the attached SP wire, dug in the second SP pot to moist earth, connected the unit, and took readings from the Sympathetic Polarization digital millivoltmeter.

When the end of a grid line was reached, jobs changed. Person 1 reeled up the SP wire. Person 2 took the VLF out of his pack, and put away the second SP pot and meter. He then took VLF readings at each station on the way back to the base SP pot or the beginning of the next grid line.

#### VLF-EM Survey

The transmitting station used while conducting the VLF survey was Seattle. Simple angles of deflection were recorded; field strength readings were not recorded. My intention with this survey was to locate deflection angle zero crossovers. I did note that generally field strength increased to the west of the baseline and decreased to the east.

#### Proton Magnetometer Survey

Proton magnetometer data was collected along the grid at intervals of 10 metres on the north/south baseline and on east-west grid lines. The instrument sensor was worn at shoulder level on a back pack frame. The person faced south at each data collection point before pushing the button to take the digital readings. As is the requirement, no metal was worn by the person doing this survey except consistent wearing of a hip chain which contains a metal measuring mechanism. Overlapping readings were reviewed at connecting lines on the grid, to reveal shifts in data and correlate the lines accordingly.

#### Self-Potential Survey

A millivoltmeter-potentiometer was used to take SP readings by digital readout. It plugged in to a specially designed reel which holds 300 metres of SP wire that was reeled out from a stationary control station

to data stations on the grid line. Two porous porcelain ceramic pots were prepared by seasoning them with a saturated copper sulphate solution. The pots were each tied into wet peat moss filled canvas sample bags with the cork and electrode connection sticking out the top. A twine handle attached the sack to the neck of the pot, and made the pots easy to carry. Peat moss moderators were used in order to minimize the topographic effect due to the variable nature of the terrain. According to Burr, in A Guide to Prospecting by the Self-Potential Method,<sup>4</sup> the SP readings that are more negative than 30 millivolts may be anomalous, using the peat moss moderators. The initial pot difference was established, regularly monitored, and carefully measured at each control station. The SP Survey was conducted as outlined by Burr<sup>5</sup> except the negative pot was always carried. The pots were switched at each control station and great care was taken to position the switched pot exactly. Precise placement was possible because of the excavation to moist earth and the larger area of the peat moss moderator. A check was made from a previous 10 meter data station to ensure voltage alignment. Control stations were established at BL 50 S, BL 150 N, BL 450 N, BL 650 N. and BL 800 N. Baseline readings and 4 lines of data were taken from each control station, before advancing to the next control station.

## V. DISCUSSION

### A. VLF-EM Survey

On the Payroll Claim deflection angles showed a consistent pattern. They were most positive to the east. The deflection angles to the east were 10 to 14 degrees, then they tapered gradually to 0° over 500 meters and finally crossed over to negative near the west edge of the claim.

On the Paymaster Claim all that could be learned was that power lines have a zero crossover under the center phasar with the radio signal

<sup>4</sup> Burr, S. V. A Guide to Prospecting by the Self-Potential Method. Toronto: Ontario Ministry of Natural Resources, 1982, pp. 10,11.

<sup>5</sup> Ibid., pp. 7-9.

pitched up 70° ten meters off center to one side and pitched down 70° ten meters to the other side. When two high voltage lines run close to each other the current flow in effect creates an artificial crossover centered between the two phasar units. In simple terms, VLF data collected within 200 meters of power lines is virtually impossible to interpret from being scrambled by the voltage inversions and the alternating current. Interpretation of the VLF data collected on the Paymaster claim is a task for a Geophysicist (if it is at all possible, with the radio deflection effect of the power line).

#### B. Proton Magnetometer Survey

Magnetometer data on the Payroll claim reveals 3 strong and sizeable lows that undoubtedly are associated with the sulphide mineralization that occurs on this claim. The first of these lows occurs along the north boundary of the claim, and must be associated with the quartz vein reported and personally examined. I would determine from the data that this vein extends from the drift eastward a distance of 150 meters at the least. The second low occurs almost in the center of the claim in an area that has no previous historical mention and no evidence of recent exploration in the field. This second low is in very close and parallel proximity with a magnetometer high. The third and most interesting magnetometer low occurs half way along the claim location line near the west edge boundary. This third anomaly is 50 meters east of a north-south line between the two most extensive old workings.

On the Paymaster claim there are several small spot lows clustered in the southwest quarter of the claim. Keep in mind that a 123 kV main transmission power line with quad phasars is running east-west 100 metres to the north, and a parallel 63 kV power line runs along the south boundary of the claim.

#### C. Self-Potential Survey

Five areas on the Payroll and Paymaster claims are producing negative voltages at or in excess of 30 millivolts. The first and most interesting is greater than 40mV, is 25 meters wide and 800 meters long. This could be sulphides in the reported dyke or it could be vein type

mineralization associated with the north-south trending dyke. The second most interesting negative voltage is along the north boundary of the Payroll claim. It is likely associated with the quartz vein and indicates electrical effect for a distance of over 200 meters. If tellurides are associated with this quartz vein this second anomaly may be of great interest. The third negative voltage trends north-south and is located in the southwest area of the Paymaster claim. A small hand excavation located a 5 inch wide quartz vein with similar mineralization as the vein running along the north edge of the claim group. The last two negative voltages are small and isolated and not enough information is known at this time to make any meaningful comment.

## VI. CONCLUSION

A program of geophysical surveys will be undertaken to repeat the magnetometer survey on the existing grid, to extend the survey grid to the west, and to fill in the intermediate 50 meter lines with the SP and magnetometer in order to give clear definition to the data contours. As well, an open cut to determine the dip will be made on an exposed quartz vein. The vein is 2 to 3 meters wide, right beside the sleigh road, and is showing galena and altaite. This galena showing appears to be the best indication of economic mineralization on the claims though it has had the least work done on it to date.

## APPENDICES

STATEMENT OF EXPENDITURES

1992 GEOPHYSICAL PROGRAM OF SURVEYS  
 PAYROLL, PAYMASTER, AND EVA MINERAL CLAIMS  
 Fort Steele Mining Division      NTS 82G/5W

<b>Field personnel</b>		
20.5 person-days @ \$120/day		\$ 2 460.00
<b>Food &amp; Accommodation</b>		
Camp Costs - 2 persons @ \$40/day X 7 days	560.00	
Meals while travelling	81.95	
Motels	<u>0.00</u>	
Subtotal		641.95
<b>Vehicle Costs</b>		
4 X 4 truck	230.00	
Fuel costs	270.35	
Maintenance/repair	0.00	
Miscellaneous (ferries, parking, etc.)	<u>0.00</u>	
Subtotal		500.35
<b>Equipment &amp; Supplies</b>		50.00
<b>Instrument Rentals</b>		
1 week rental Self-Potential Unit	145.00	
1 week rental VLF-EM	190.00	
1 week rental MP-2 Proton Magnetometer	414.90	
Shipping (Greyhound, Loomis)	<u>34.16</u>	
Subtotal		784.06
<b>Report Preparation</b>		
6 person-days @ \$120/day	960.00	
Office supplies, photocopying	<u>50.00</u>	
Subtotal		<u>1 100.00</u>
	<b>TOTAL</b>	<b>\$ 5 536.36</b>
2 Statements of Work submitted:		
June 3, 1992 in Cranbrook		\$ 300.00
June 30, 1992 in Lillooet		<u>5 236.00</u>
		<b>\$ 5 536.00</b>

IN THE MATTER OF THE  
B.C. MINERAL ACT  
AND  
IN THE MATTER OF A  
1992 GEOPHYSICAL PROGRAM OF SURVEYS  
CARRIED OUT ON THE PAYROLL, PAYMASTER, & EVA MINERAL CLAIMS  
Fort Steele Mining Division  
NTS 826/5W

A F F I D A V I T

I, W. G. Filion, of the Municipality of Lillooet, in the Province of British Columbia, make Oath and say:

1. That I am owner/operator of the Payroll Group of claims, and did carry out initial VLF, SP, and Proton Magnetometer surveys as described in the 1992 Geophysical Assessment Report attached.
2. That annexed hereto and marked as "Statement of Expenditures" to this my Affidavit is a true copy of expenditures incurred on the Geophysical program of surveys, on the Payroll, Paymaster, and Eva Mineral Claims.
3. That the said expenditures were incurred between the 27<sup>th</sup> day of May, 1992 and the 20<sup>th</sup> day of June, 1992 for the purpose of mineral exploration on the above noted claims.



W. Greg Filion  
B. C. Certified Prospector (1983)

Sept 3/92

# MALASPINA COLLEGE

## Statement of Course Completion

GREG WILLIAM FILION

has

Successfully Completed 180 Hours of Instruction  
in

MINERAL EXPLORATION FOR PROSPECTORS

PRESENTED BY B.C. MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES  
B.C. MINISTRY OF EDUCATION

APRIL 16 to 30, 1983 - MESACHIE LAKE, B.C.

MAY 2, 1983

Dated at Nanaimo,  
British Columbia, Canada



Malaspina  
College

A handwritten signature in cursive script, appearing to read "Richard W. Johnson".

Director / Dean

A handwritten signature in cursive script, appearing to read "John [unclear]".

Registrar

A handwritten signature in cursive script, appearing to read "Hans [unclear]".

Instructor

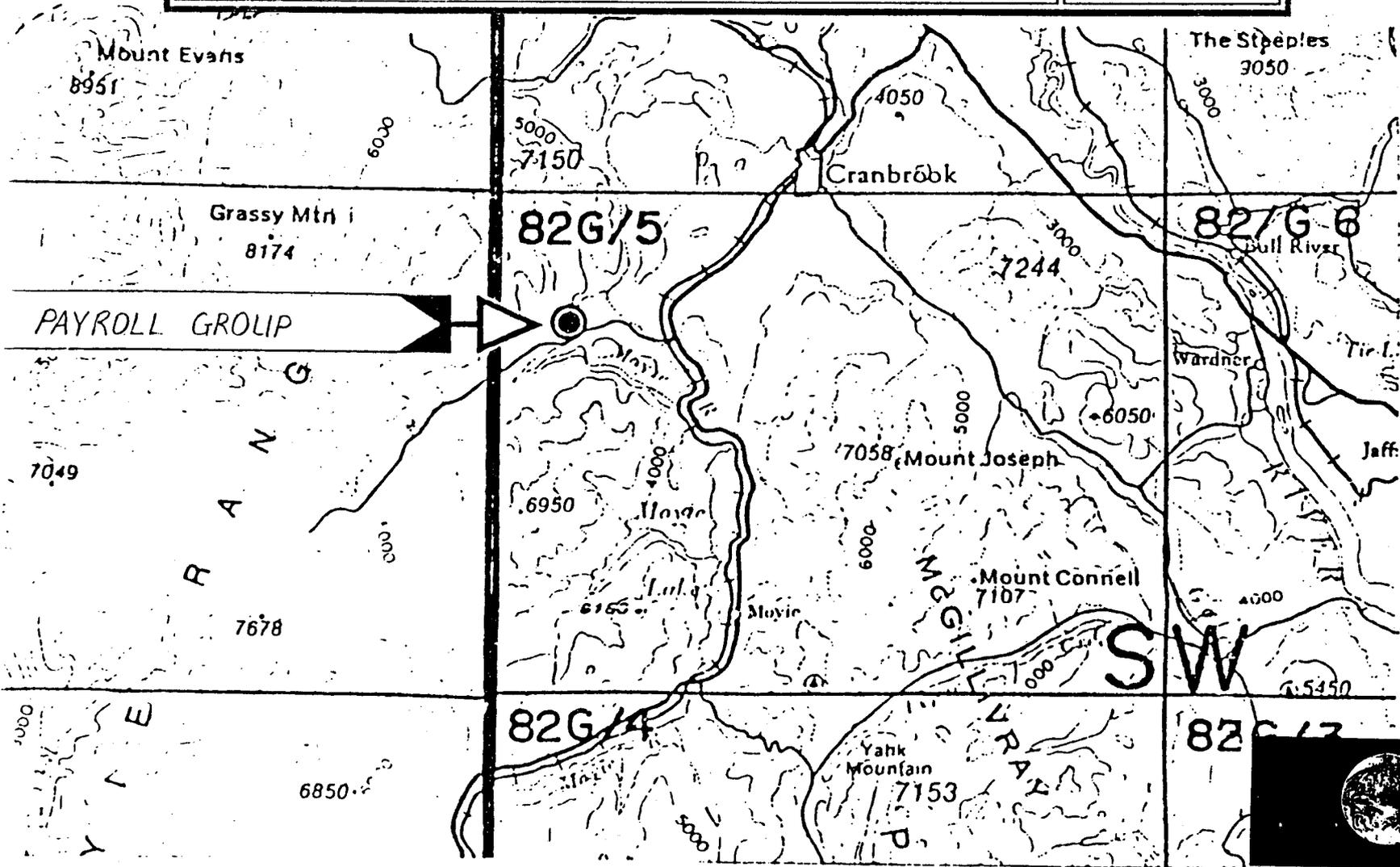
# LOCATION MAP

Map Sheet # 1

## 1992 Geophysical Assessment Report

Payroll Group Fort Steele Mining Division NTS 82G/5W

Scale: \_\_\_\_\_



PAYROLL GROUP



○ INDEX MAP - SCALE 1:500,000

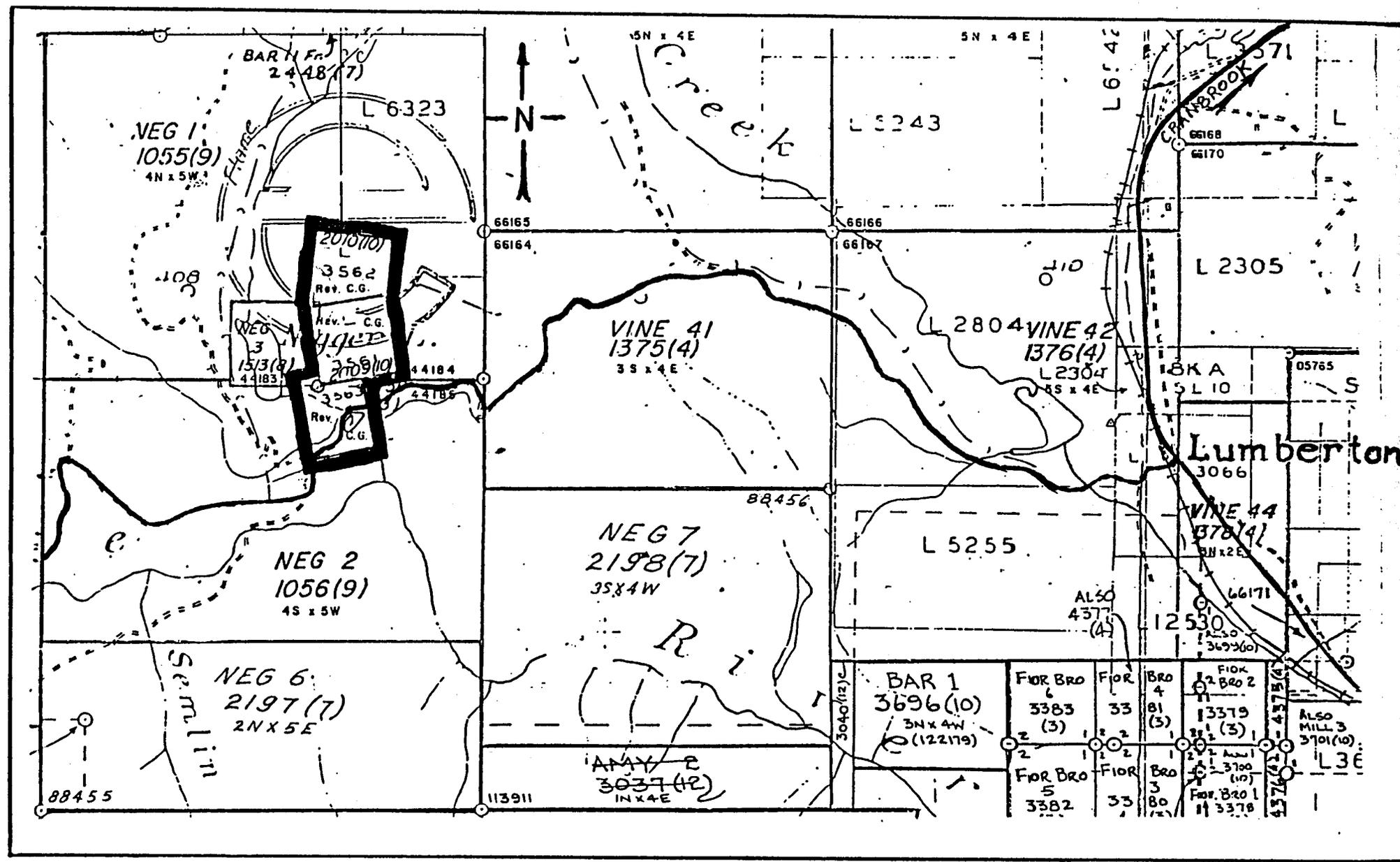
GRANITE CITY EXPLORATION  
Box 288 W. G. Fillion, Lillooet, B.C. V0K 1V0

# LOCATION MAP

PAYROLL GROUP FORT STEELE M. D.

300154, 300162, 300164

82G/5W



NEG 1  
1055(9)  
4N x 5W

NEG 3  
1513(8)  
44183

NEG 2  
1056(9)  
4S x 5W

NEG 6  
2197(7)  
2N x 5E

NEG 7  
2198(7)  
3S x 4W

APPY 2  
3037(12)  
1N x 4E

VINE 41  
1375(4)  
3S x 4E

VINE 42  
1376(4)  
4S x 4E

VINE 44  
1378(4)  
3N x 2E

BAR 1  
3696(10)  
3N x 4W  
(122179)

FOR BRO  
3383  
(3)

FOR  
33  
81  
(3)

FOR BRO  
3382

FOR  
33  
80

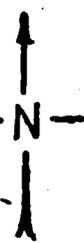
FOR  
33  
81  
(3)

FOR BRO  
3378

FOR  
33  
80  
(3)

FOR BRO  
3378

Lumber ton



5N x 4E

5N x 4E

L 6342

BAR 1  
2448(7)

L 6323

L 5243

L 2305

L 2804

BKA  
15 L 10

05765

L 5255

12530

ALSO  
4576  
(4)

3696(10)

3040(12)

FOR BRO  
3383  
(3)

FOR  
33  
81  
(3)

FOR  
33  
81  
(3)

FOR  
33  
80  
(3)

ALSO  
MILL 3  
3701(10)

L 3E

88455

113911

4576(4)

# TOPOGRAPHY - PAYROLL MINERAL CLAIM

300154

Map Sheet 3

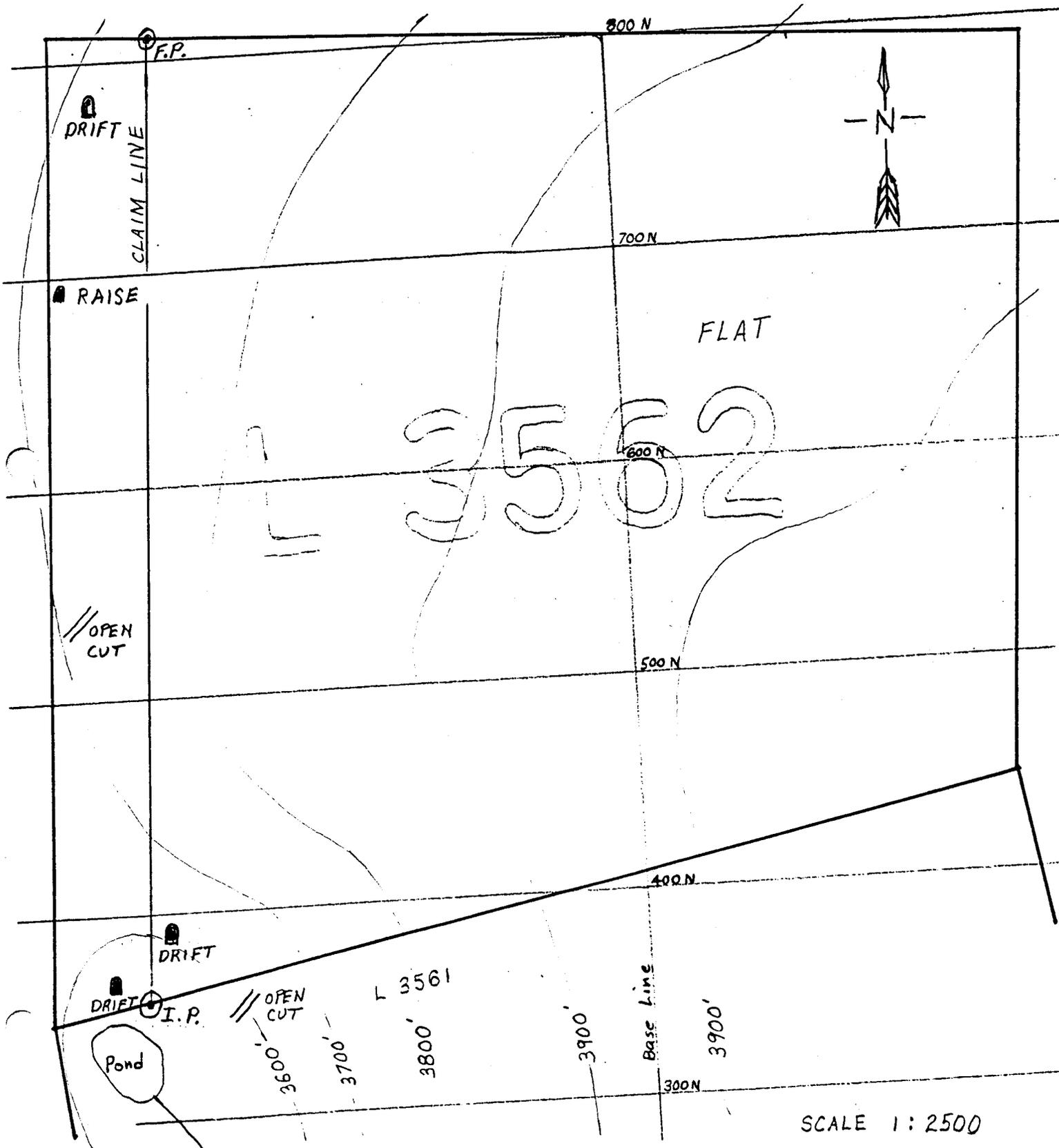
## 1992 Geophysical Assessment Report

Payroll Group

Fort Steele Mining Division

NTS 826/5W

Scale: \_\_\_\_\_



SCALE 1:2500

TOPOGRAPHY - PAYMASTER MINERAL CLAIM

300162

Map Sheet 4

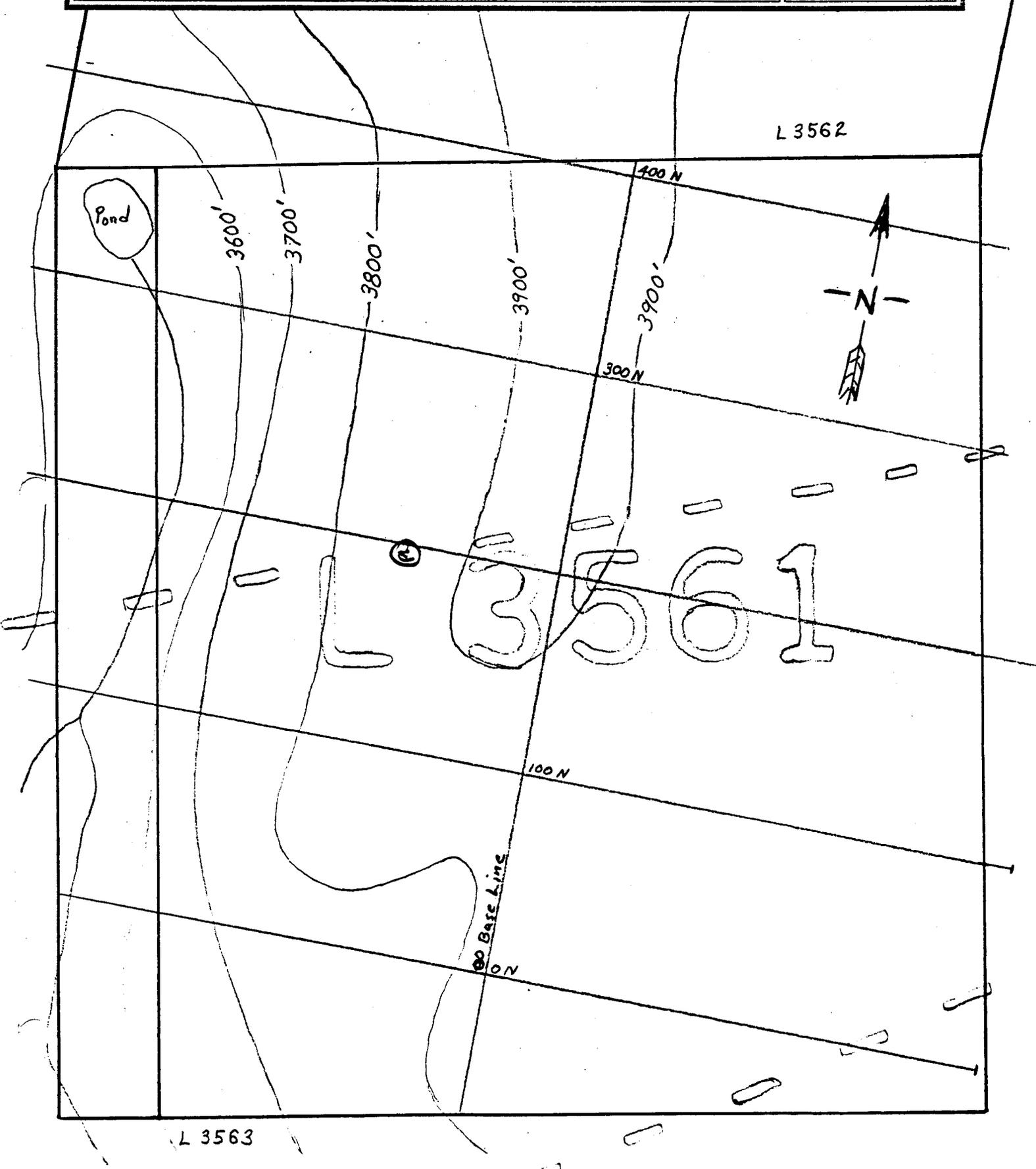
1992 Geophysical Assessment Report

Payroll Group

Fort Steele Mining Division

NTS 826/5W

Scale: 1:2500



# TOPOGRAPHY - EVA MINERAL CLAIM

300164

Map Sheet 5

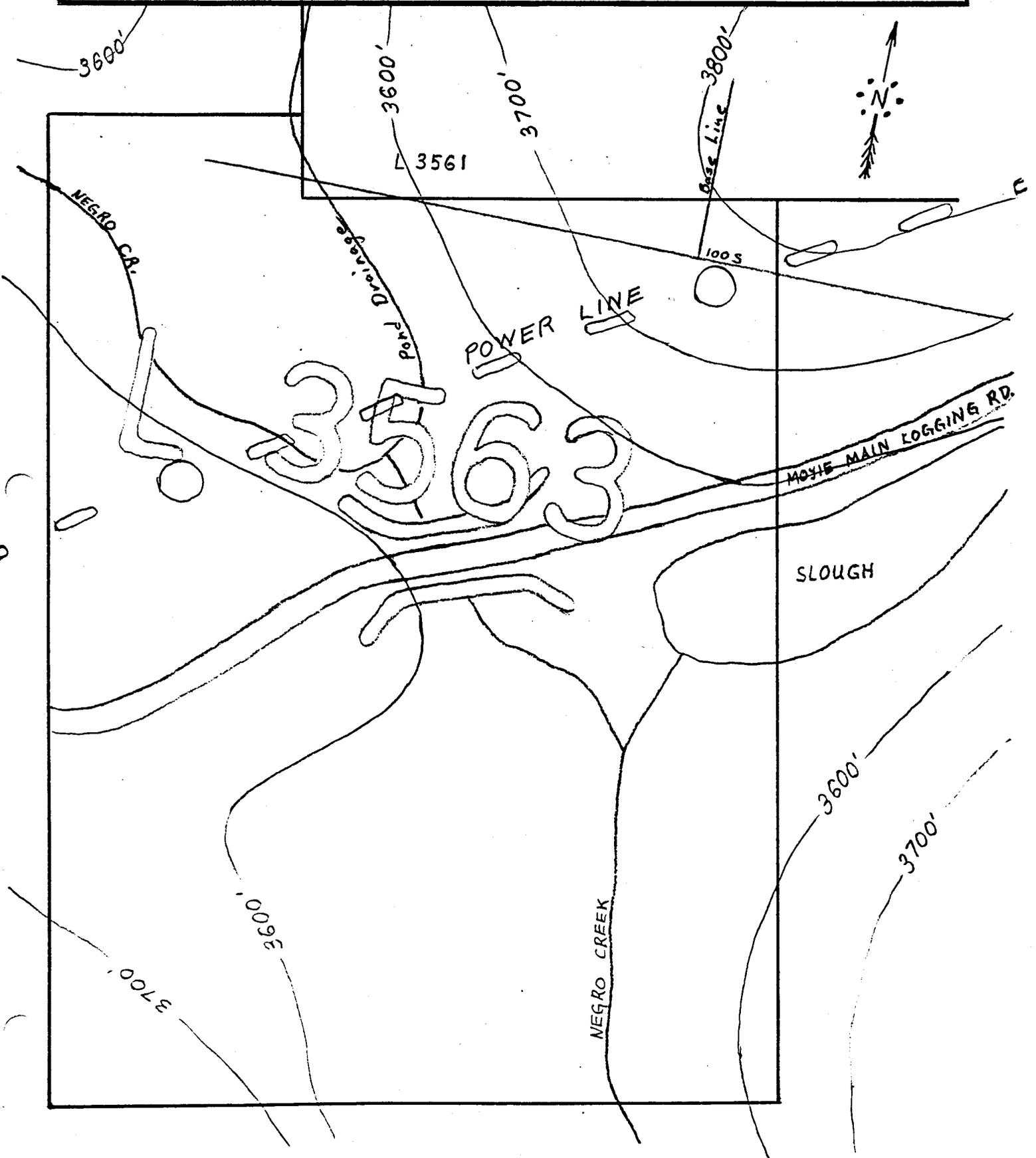
## 1992 Geophysical Assessment Report

Payroll Group

Fort Steele Mining Division

NTS 826/5W

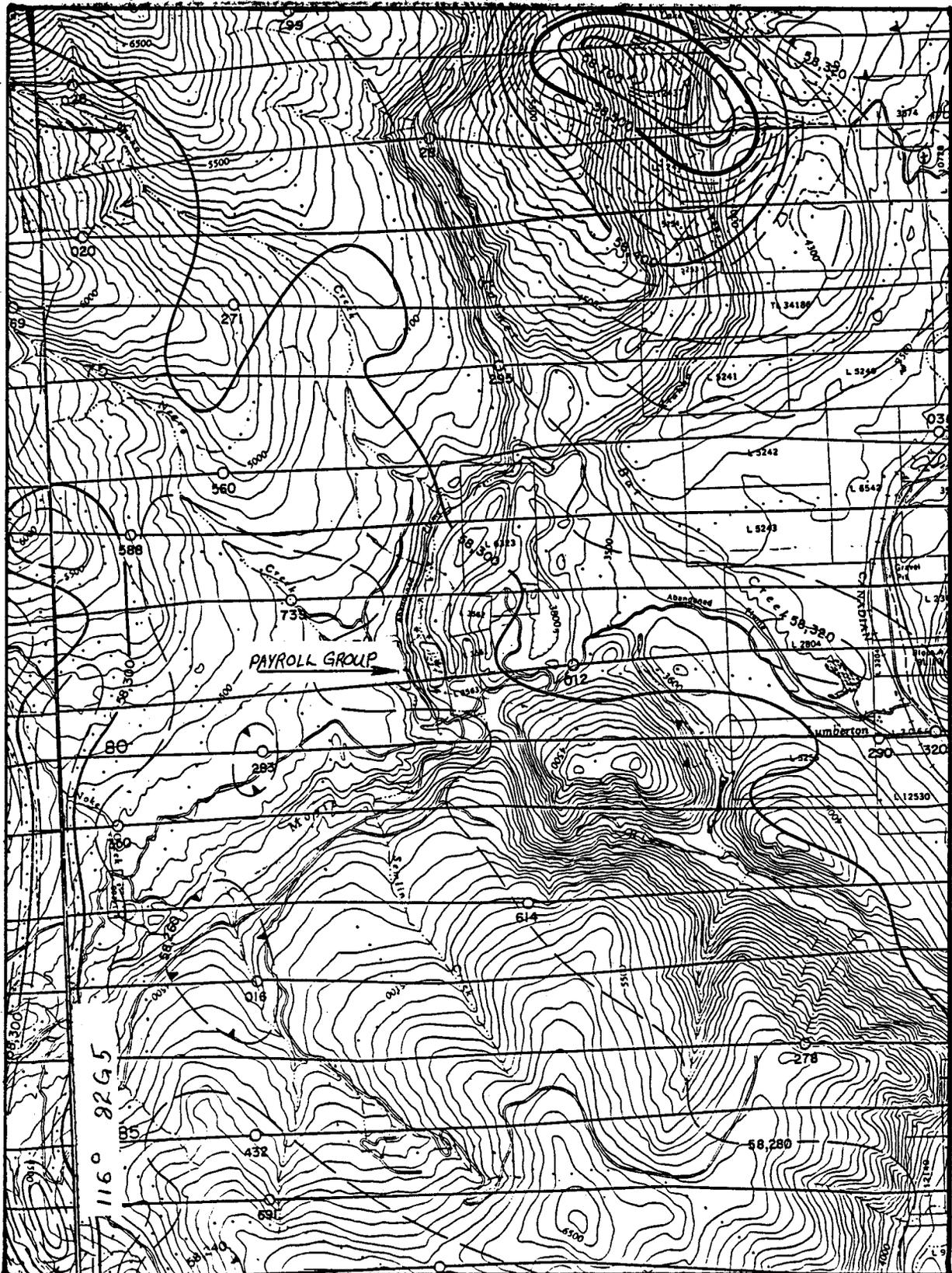
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**REGIONAL AEROMAG MAP**      **M.S. #6**  
**1992 Geophysical Assessment Report**  
**Payroll Group**      **Fort Steele Mining Division**      **NTS 826/5W**



SCALE 1:50,000



# PROTON MAG SURVEY - PAYROLL CLAIM

Map Sheet #7

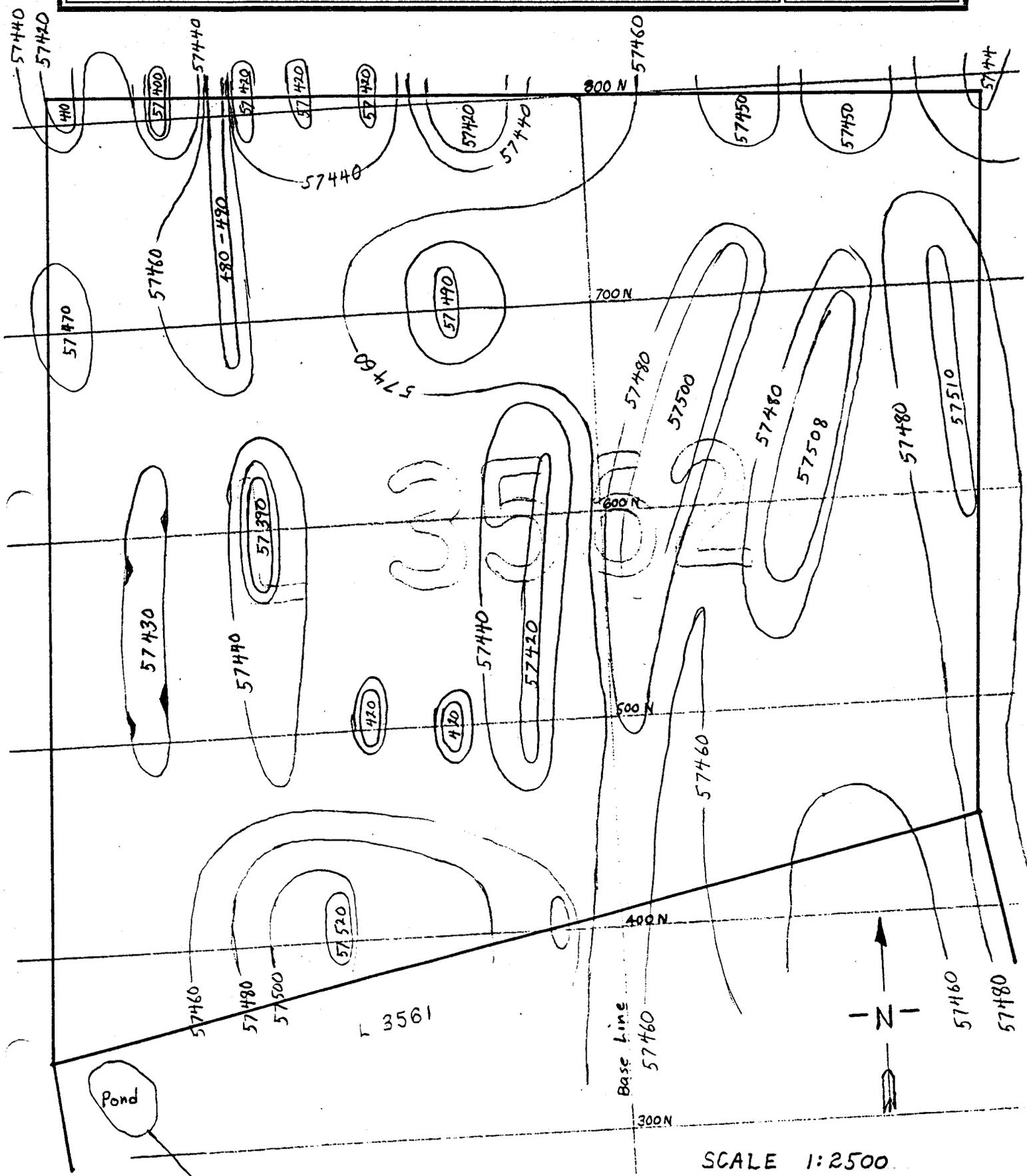
## 1992 Geophysical Assessment Report

Payroll Group

Fort Steele Mining Division

NTS 82G/5W

Scale: 1:2500



SCALE 1:2500

PROTON MAG SURVEY - PAYMASTER CLAIM

Map Sheet #8

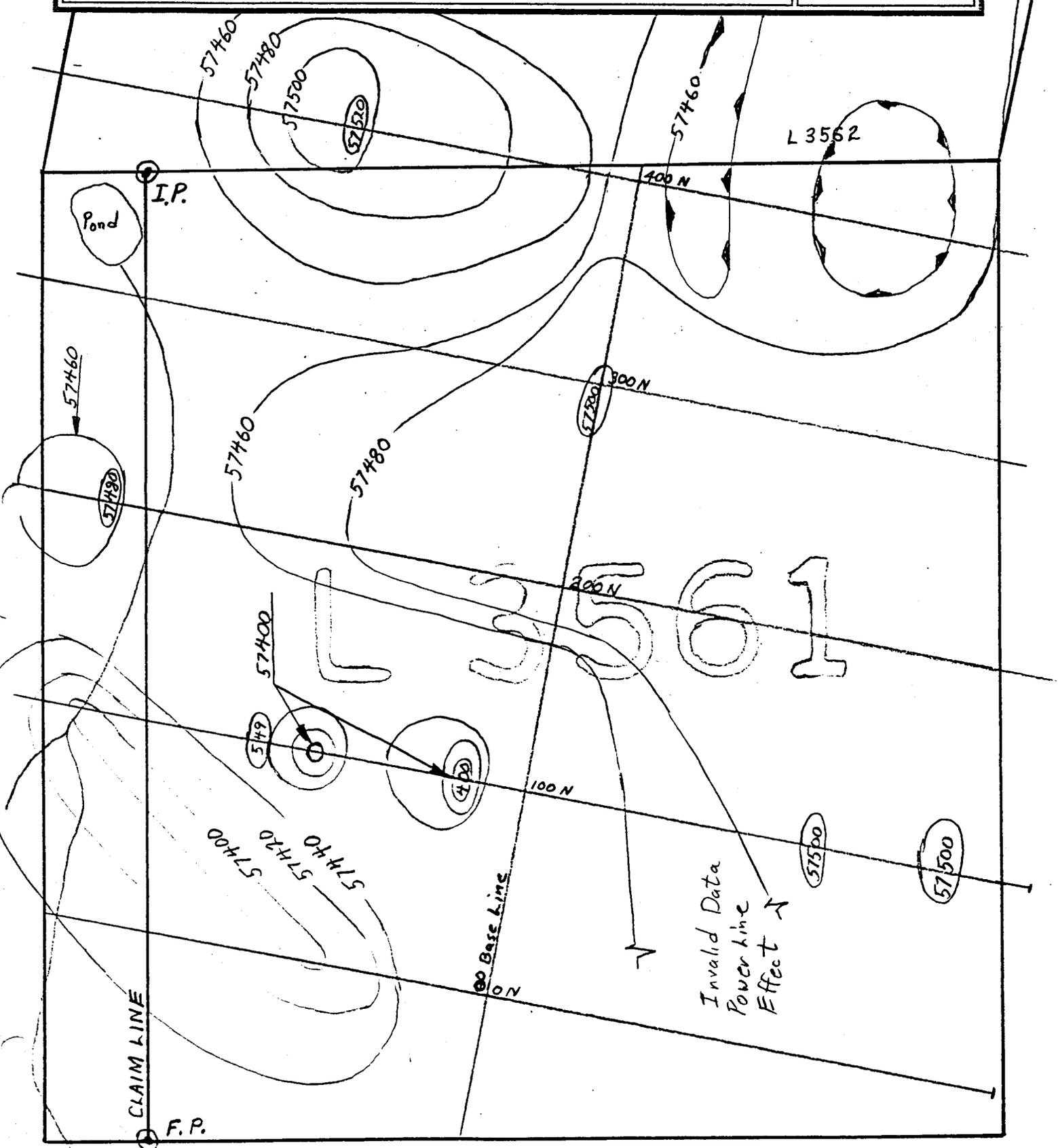
1992 Geophysical Assessment Report

Payroll Group

Fort Steele Mining Division

NTS 826/5W

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L 3563

# SELF-POTENTIAL SURVEY - PAYROLL CLAIM

Map Sheet #9

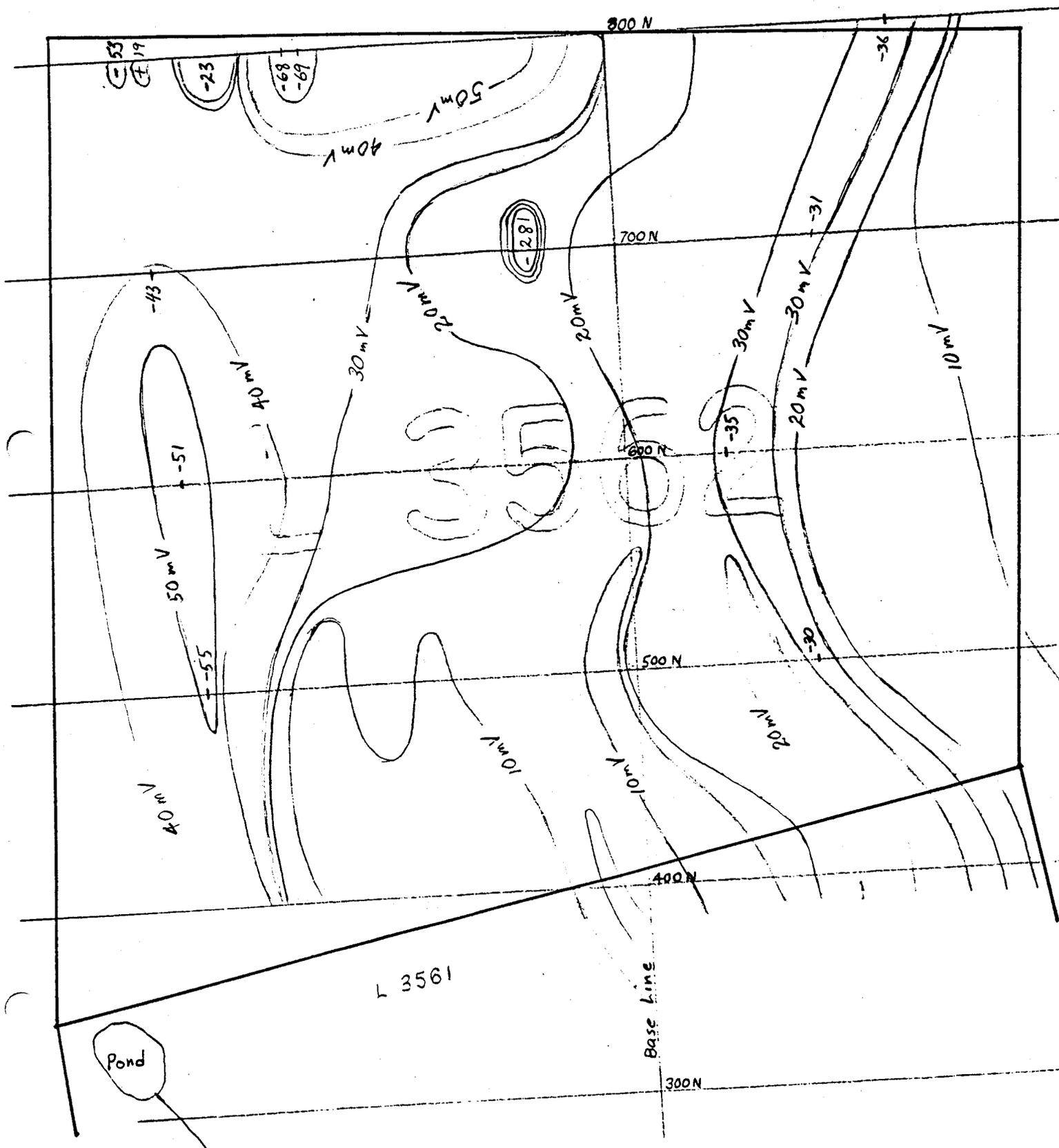
## 1992 Geophysical Assessment Report

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Payroll Group

Fort Steele Mining Division

NTS 826/5W



# SELF-POTENTIAL SURVEY - PAYMASTER CLAIM

Map Sheet #10

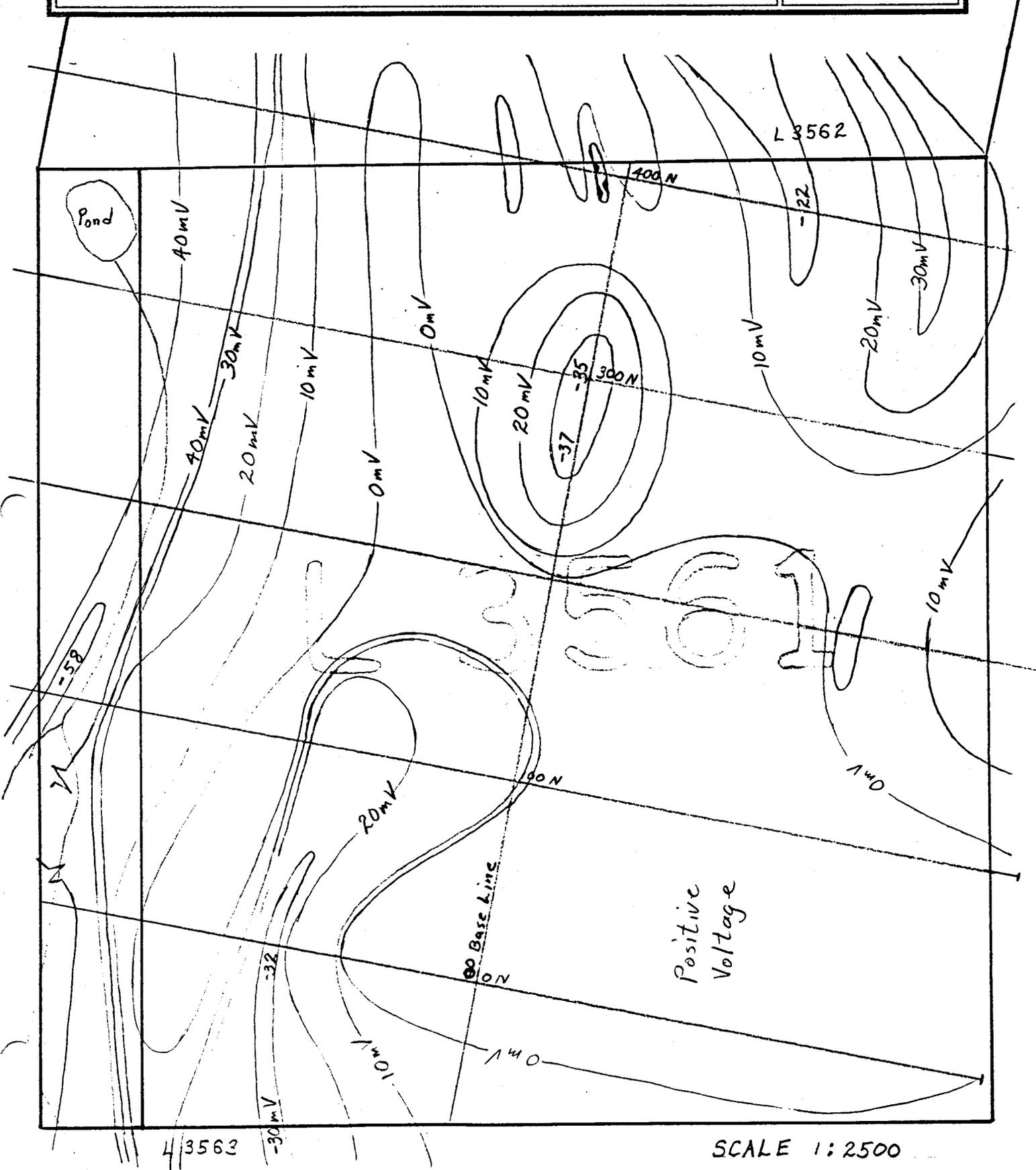
## 1992 Geophysical Assessment Report

Scale: 1:2500

Payroll Group

Fort Steele Mining Division

NTS 826/5W



L 3562

SCALE 1:2500

# VLF-EM SURVEY - PAYROLL CLAIM

Map Sheet #11

## 1992 Geophysical Assessment Report

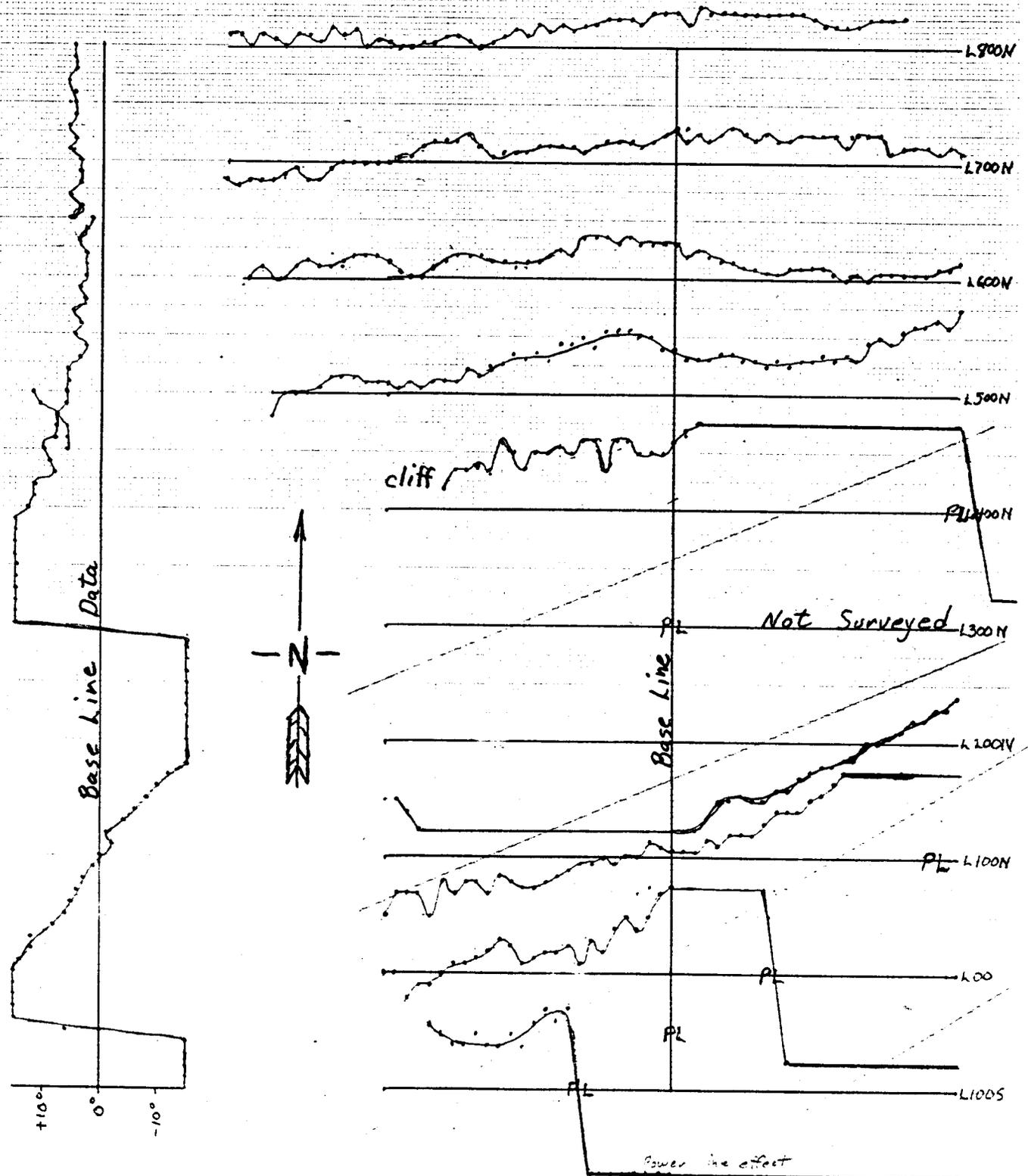
Payroll Group

Fort Steele Mining Division

NTS 826/5W

Scale:  $1\text{mm} = 1^\circ$   
Grid line =  $0^\circ$  line

All data greater than  $15^\circ$  is chopped off at  $15^\circ$



# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

## MAGNETOMETER SURVEY

Data Sheet No. 1

Location Station	First Reading	Second Reading	Shift Correction	Explanations Descriptions	Plotted Value
BL 100 S	57 489	57494	} +10	Edge of power line	57499
90	57 478	57 478			488
80	57 444	57 430			454
70	57 460	57 473	} +10	Leaving Power Line clearcut	470
60	57 472	57 473			482
BL 50 S	57 490	57 482			500
40	57 478	57 483	} +10	Leaving Power Line clearcut	488
30	57 463	57 482			473
20	57 444	57 453			454
10	57 422	57 432	} +10	Leaving Power Line clearcut	432
BL 00	57 413	57 471			423
10	57 443	57 456			443
20	57 448	57 452	} +10	Leaving Power Line clearcut	448
30	57 453	57 451			453
40	57 432	57 433			432
BL 50 N	57 430	57 441	} +10	Leaving Power Line clearcut	430
60	57 403	57 413			403
70	57 433	57 455			433
80	57 444	57 443	} 0	Down Sidehill ✓	444
90	57 431	57 450			431
BL 100 N	57 461	57 469			461
110	57 427	57 428	} 0	Bottom of Gulley	427
120	57 408	57 407			408
130	57 403	57 416			403
140	57 416	57 417	} 0	Bottom of Gulley	416
BL 150 N	57 426 (27)	57 435 (20)			426
160	57 474 ↓	57 472 ↓			474
170	57 461	57 460	} 0	Bottom of Gulley	461
180	57 484	57 485			484
190	57 486	57 484			486
BL 200 N	57 467 (27)	57 468 (25)	} 0	Bottom of Gulley	467
210	57 448 ↓	57 455 ↓			488
220	57 430	57 433			470
230	57 442	57 447	} +40	Onto Power line Clearcut	482
240	57 442	57 445			482
BL 250 N	57 436	57 441			476
260	57 437	57 441	} +40	Onto Power line Clearcut	477
270	57 456	57 458			496
280	57 445	57 444			485
290	57 467	57 476	} CONT.	Power line Road	507
BL 300 N	57 455	57 440			495

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

## MAGNETOMETER SURVEY

Data Sheet No. 2

Station Location	First Reading	Second Reading	Shift Correction	Explanation Description	Plotted Value
BL 310 N	57427	57426			57467
320	427	441			467
330	434	436			474
340	435	440			475
BL 350 N	432	439		Off Power Line Clearcut	472
360	415	423			455
370	426	425			466
380	426	434			466
390	450	446			490
BL 400 N	428	433	+40		468
410	423	428		463	
420	420	424		460	
430	460	465		Dyke? Slight gullies 500	
440	425	433			465
BL 450 N	423 (48)	432 (53)	+20		468
460	456 ↓	465 ↓		476	
470	452	457		472	
480	448	451		468	
490	455	459			475
BL 500 N	454 (41)	461 (49)	+10		474
510	478 ↓	468 ↓		488	
520	460	455		470	
530	490	495		500	
540	476	463			486
BL 550 N	454	470	+10		464
560	485	474		495	
570	469	470		479	
580	460	468		470	
590	475	459			485
BL 600 N	487	480			497
610	495	470			505
620	467	466			477
630	469	455			479
640	477	479			487
BL 650 N	472	483	+30		482
660	456	445		486	
670	441	456		471	
680	447	453		477	
690	448	451			478
BL 700 N	450 (91)	451 (94)			480

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

MAGNETOMETER SURVEY

Data Sheet No. 3

Station Location	First Reading	Second Reading	Shift Correction		Plotted Value
BL 710 N	57479	57482			57469
720	466	479			456
730	447	459			437
740	420	416			410
BL 750 N	533	558	-10		523
760	525	542			515
770	485	484			475
780	453	463			443
790	482	493			472
BL 800 N	457	464			447
L 100S 200W	57411	57422	+10 Shift L100S → W	Edge of Lake	57421
190	437	436			447
180	433	432			443
170	417	420			427
160	432	445			442
L 100S 150W	433	437			Sleigh Road
140	442	442	452		
130	457	456		Edge of powerline	467
120	448	460			458
110	462	470			472
L 100S 100W	449	452			459
90	448	450		Under Phasar	459
80	463	467			473
70	463	465			473
60	494	483			504
L 100S 50W	475	480			485
40	478	485			488
30	488	495			498
20	487	470			497
10	484			494	
L 100S 00					57499
10	57415	57410	+ 50	L100S → E	465
20	436	421	486		
30	433	443	483		
40	443	441	493		
L 100S 50 E	447	421			497
60	438	439			488
70	417	428			467
80	410	414			460
90 E	426	426			476



# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

MAGNETOMETER SURVEY

Data Sheet No. 5

Station Location	First Reading	Second Reading	Shift Correction		
L 800 N 410 W	57473		-10		57463
400	464		All of Line		454
390	465		800		455
380	460				450
370	515				505
360	447				437
L 800 N 350 W	476			Payroll Final Post	466
340	414				404
330	442				432
320	455				445
310	455				445
L 800 N 300 W	453				443
290	439				429
280	465				455
270	429			Bottom of gully	419
260	420	457			410
L 800 N 250 W	443				433
240	469			Cliff	459
230	472				462
220	453	467			443
210	408	418			398
L 800 N 200 W	440				430
190	441				431
180	488				478
170	434			↑ Down	424
160	438			Edge of Flat	428
L 800 N 150 W	460				450
140	434				424
130	445				435
120	444				434
110	431				421
L 800 N 100 W	438			FLAT	428
90	447				437
80	433				423
70	424				414
60	429				419
L 800 N 50 W	431				421
40	434				424
30	446				436
20	457				447
L 800 N 10 W	470				470

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

MAGNETOMETER SURVEY

Data Sheet No. 6

Station Location	First Reading	Second Reading	Shift Correctom	
L800N 10E	57484	57492	-10	57474
20	462	480	All L800N	452
30	483	481		473
40	483			473
L800N 50E	57486			57476
60	469			459
70	477			462
80	461	483		451
90	456	483		446
L800N 100E	57479			57469
110	458	481		448
120	459			449
130	466	480		456
140	466			456
L800N 150E	57460			57450
160	479	472		469
170	459	464		449
180	459			449
190	448			438
L800N 200E	57449			439

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

MAGNETOMETER SURVEY

Data Sheet No. 7

Station Location	First Reading	Second Reading	Shift Correction		Plotted Value
L 700N 390W	57 419	57 421	+30		57 448
380	392	400	All L 700N		422
370	410	427		Adit	440
360	471	468			501
350W	440	443			470
340	429	438			459
330	433	429		1000 lb Flywheel	463
320	430	440			460
310	436	432		Gorge	466
300W	430	434			460
290	445	435		Gorge	475
280	430	432			460
270	427	425			457
260	437	436			467
250W	431	441			461
240	438	440		↑	468
230	433	437		Cliff	463
220	434	446			464
210	433	437			463
200W	447	438			477
190	435	437			465
180	444	445			474
170	451	455		Flats	491
160	429	429			459
150W	415	413			445
140	423	417			453
130	412	411		Road	442
120	430	421			460
110	432	428			462
100W	443	438			473
90	442	446		Down ↑	472
80	453	452		Top of Ridge	483
70	442	440			472
60	458	446		Skid road	488
50W	454	456			484
40	452	445			482
30	449	445		Skid roads fork	479
20	427	443			457
10 W	441	440			471

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

MAGNETOMETER SURVEY

Data Sheet No. 8

Station Location	First Reading	Second Reading	Shift Correction	Descriptions	Plotted Value
L700N 10E	57449	57446	+30		57479
20	439	444	All L700E	Old trail	469
30	444	445			474
40	450	447			480
L700N 50E	450	447		Flats	480
60	473	468			503
70	457	455			487
80	441	450			471
90	453	443			483
L700N 100E	444	448			474
110	453	453			483
120	460	456			490
130	449	441			477
140	433	<u>383</u>			463
L700N 150E	456	452			486
160	447	439			477
170	480	484			510
180	445	449			475
190	449	449			479
L700N 200E	447	448		Road	477
210	460	447			490
220	461	451			491
230	472	458			<u>502</u>
240	490	495			<u>520</u>
L700N 250E	447	461			477

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

## MAGNETOMETER SURVEY

Data Sheet No. 9

Station Location	First Reading	Second Reading	Shift Correction	Descriptions	Plotted Value
L 600 N 370 W	57455	57452	+ 20	Horse Trail	57435
360	458	458	L 600 → W		438
L 600 N 350 W	463	454			443
340	466	461			446
330	457	465			437
320	456	452			436
310	450	447			430
L 600 N 300 W	451	457			430
290	462	461			442
280	462	461			442
270	455	457			435
260	468	472			448
L 600 N 250 W	477	474			457
240	452	447		Flats Down ↑ to	432
230	450	442			430
220	462	475			442
210	462	465			442
L 600 N 200 W	468	464			448
190	453	456			433
180	450	465			430
170	413	435			393
160	452	439			432
L 600 N 150 W	445	451			425
140	465	461		Slow descent.	445
130	472	489			452
120	458	474			438
110	457	471		OLD Road	437
L 600 N 100 W	477	481			457
90	453	464			433
80	468	466			448
70	466	443			446
60	458	465			438
L 600 N 50 W	471	462			451
40	446	456			426
30	441	456			421
20	447	450			427
10	479	468			459
L 600 N 00 W	(457)				457
L 600 N 10 E	424	429			

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

## MAGNETOMETER SURVEY

Data Sheet No. 10

Station Location	First Reading	Second Reading	Shift Correction	Descriptions	Plotted Values
L600N 00E	57458	57463	+20		57478
10	478	468	All L600E		498
20	465	480			485
30	480	461			500
40	462	484			482
L600N 50E	448	447			468
60	472	457			492
70	461	469			481
80	488	475			508
90	468	482			488
L600N 100E	484	474		Flat	504
110	461	483			481
120	455	477			475
130	447	471			467
140	458	467			478
L600N 150E	475	476			495
160	474	466			494
170	484	472			504
180	453	484			473
190	470	479			490
L600N 200E	459	450			479
210	458	473			478
220	483	474			503
230	480	489		Power line Access Road	500
240	462	488		Slab pile to N.	482
L600N 250E	468	484			488

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

## MAGNETOMETER SURVEY

Data Sheet No. 11

Station location	First Reading	Second Reading	Shift Correction	Descriptions	Plotted Value
L500N 350W	57454	57459	-15	Sleigh Road	57439
340	474	466	L500 → W		459
330	437	443		335 is adit entrance	422
320	442	447			427
310	446	456			431
L500N 300W	447	453			432
290	459	460			444
280	466	458			451
270	453	452			438
260	463	464			448
L500N 250W	460	461			445
240	441	449			426
230	455	464			440
220	457	467			442
210	450	455			435
L500N 200W	456	452			441
190	453	458			438
180	446	456			431
170	441	454			426
160	454	455			439
L500N 150W	miss				
140	466	478		Fork in 2 roads	451
130	438	456		On Cominco grid	423
120	466	474			451
110	464	476			449
L500N 100W	466	468			451
90	436	442			421
80	461	462			446
70	455	461			440
60	457	455			442
L500N 50W	458	455		Slab pile - veered S slightly	443
40	434	442			419
30	460	455			445
20	463	468			448
10	470	475			455
L500N 00W				B.L. VALUE	474

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

MAGNETOMETER SURVEY

Data Sheet No. 12

Station Location	First Reading	Second Reading	Shift Correction	Descriptions	Plotted Value
L 500N 10E	456	458	+ 20		57 476
20	446	450	L 500N → E		466
30	455	459			475
40	442	448			462
L 500N 50E	458	441			57 478
60	466	463			486
70	448	450			468
80	454	459			474
90	460	463			480
L 500N 100E	453	448			57 473
110	456	454			476
120	451	452			471
130	463	461			483
140	463	465			483
L 500N 150 E	446	456			57 466
160	457	451			477
170	467	471			487
180	449	458			469
190	465	463			485
L 500N 200 E	464	466			57 484
210	458	458			478
220	458	453			478
230	452	453			472
240	464	469			484
L 500N 250E	57 461	57 465			57 481

# 1992 ASSESSMENT REPORT PAYROLL GROUP.

Fort Steele Mining District

Map 82 G 5

## MAGNETOMETER SURVEY

Data Sheet No. 13

Station Location	First Reading	Second Reading	Shift Correction	Descriptions	Plotted Value
L400N 210W				NEAR VERTICAL	
200W	57454	57453	+20	Edge - reced 5 10m.	57474
190	465	463	L400N-W		485
180	468	466			488
170	479	465			499
160	479	489		↑ Descending.	499
L400N 150W	482	487		Edge of Flat	502
140	497	497			517
130	464	464			484
120	459	461			479
110	462	463			482
L400N 100W	463	471			483
90	460	469			480
80	472	476		Flat	492
70	473	468			493
60	454	453			474
L400N 50W	453	456			473
40	446	453			466
30	467	460			487
20	444	446			464
10 W	451	452			471
L400N 00			-20		
10 E	57486	57494	L400N → E		57466
20	470	470		Down into slight gully. ↓	450
30	469	474			449
40	480	472			460
L400N 50 E	490	488			470
60	491	490			470
70	488	482			468
80	487	494			467
90	482	488			462
L400N 100 E	479	486			459
110	474	471		Edge of Power line Clearcut	454
120	475	476			455
130	482	485			462
140	472	480			452
L400N 150 E	478	476			458
160	488	495			468
170	499	497			479
180	512	523			492
190	505	506			485

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

## MAGNETOMETER SURVEY

Data Sheet No. 14

Station Location	First Reading	Second Reading	Shift Correction	Descriptions	Plotted Value
L 400 N 200 E	57 492	57 503	- 20	On Power line Clear-cut	57 472
210	469	468	L 400 N → E	Down ↓ into	449
220	456	460		Sink Hole	436
230	454	450		up ↓	434
240	476	471		Under Phasar	456
L 400 N 250 E	478	479			57 458
L 200 N 250 W	57 468	57 469	0 shift	Sleigh Road	57 468
240	469	469			469
230	472	479		} qtz./red stains.	472
220	481	484			481
210	452	454			452
L 200 N 200 W	452	454			452
190	454	454			454
180	443	451			443
170	458	458		Veered slightly S.	458
160	454	453			454
L 200 N 150 W	472	474		↑	472
140	473	475		Down	473
130	476	485			476
120	479	481			479
110	473	467			473
L 200 N 100 W	490	489			490
90	490	486			490
80	484	487			484
70	486	482			486
60	486	486			486
L 200 N 50 W	490	489		Top of Hill	490
40	489	488			489
30	490	486		Flat	490
20	484	488		↓ ↘	484
10	484	479			484
L 200 N 00 W					467
10	57 481	57 478			481
20	479	478			479
30	476	478			476
40	480	477			480
L 200 N 50 E	476	479			476
60	475	473			475
70	480	481			480
80	483	480			483

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

MAGNETOMETER SURVEY

Data Sheet No. 15

Station Location	First Reading	Second Reading	Shift Correction	Description	Plotted Value
L200N 90 E	57473	57473	0 shift		57473
100	474	473			474
110	482	481			482
120	483	485			483
130	482	481			482
140	497	498			497
L200N 150 E	57497	57500			497
160	482	479		Access Road	482
170	479	479			479
180	487	487			487
190	488	486			488
L200N 200 E	57483	57492			483
210	493	493		Flat	493
220	485	483			485
230	494	495		Edge of Flat ↓ Down	494
240	489	492			489
L200N 250 E	57494	57494		Old Road	494
L100N 250 W	57415	57427	0 shift		415
240	431	441			431
230	419	412			419
220	391	406			391
210	393	423			393
L100N 200 W	420	433		Veered slightly S onto Comco line	420
190	407	396			407
180	441	419		Steep down	441
170	424	428			424
160	452	450			452
L100N 150 W	460	469		Down ↓	460
140	452	468		Top of ridge	452
130	549	536			549
120	429	438			429
110	419	422			419
L100N 100 W	402	401		Up ridge ↑	402
90	430	417			430
80	453	420			453
70	410	408			410
60	433	453			433
L100N 50 W	429	419			429
40	437	459			437
30	386	391			386

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

## MAGNETOMETER SURVEY

Data Sheet No. 16

Station Location	First Reading	Second Reading	Shift Correction	Descriptions	Plotted Value
L100N 20W	57420	57412	0 shift		57420
10	446	434			435
00					57460
10 E	466	454			460
20	472	480			472
30	433	424			433
40	443	433			443
L100N 50E	469	466			469
60	464	472			464
70	461	453			461
80	447	456			447
90	447	448		road (coming off power line)	447
L100N 100E	468	472			468
110	449	454		slow climb	449
120	474	472		↓	474
130	490	489			490
140	499	501			500
L100N 150E	485	483			485
160	497	510			497
170	475	484			480
180	489	497			489
190	492	475		Top of knob (W-E running)	490
L100N 200E	501	495			501
210	498	484		Power line	498
L00 250W	57454	57470	-20		57434
240	466	475	All L00		446
230	504	500		Initial Post Eva Claim	484
220	472	469			452
210	483	491			462
L00 200W	448	445			428
190	420	442			400
180	441	442			441
170	470	469			450
160	424	419			404
L00 150W	459	469			439
140	443	430			423
130	458	459			438
120	437	477			417
110	415	413			395
L00 100W	422	405			400

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

MAGNETOMETER SURVEY

Data Sheet No. 17

Station Location	First Reading	Second Reading	Shift Correction	Description	Plotted Value
L00 90W	57407	57417	-20		57387
	422	416	All L00		402
	431	434			411
	60	439	453		419
L00 50W	448	425			428
	470	479			450
	480	480			470
	477	485			457
	10	465	458	Flat - top of hill	445
L00 00					57423
	57456	57471			436
	496	497			476
	439	451			419
	40	443	411	Onto power line	423
L00 50 E	459	454			439
	invalid			Under Phasar	—
	483	492			463
	473	471			453
	90	514	508		494
L00 100 E	invalid				—
	463	461			443
	635	644		Edge of powerline	(615)
	430	435			410
	140	492	475		472
L00 150 E	422	424			212
	440	441			420
	417	431			397
	416	419			396
	190	427	432		407
L00 200 E	436	438			426
	425	437			405
	420	417			400
	436	445			416
	240	432	454		412
L00 250 E	458	458			438

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

SP AND VLF SURVEYS

Data Sheet No. 18

Station Location	S.P. Reading	Pot + ⊕ Correction	Plotted Value		VLF Angle °
BL 100 S	+ 21	Pot = +8	+13		-28°
90	0	Subtract 8	-8		-34
80	0		-8		-36
70	0		-8		-40
60	+3		-5		-38
50 S ⊕	+8		0	Power line + Top of hill	+3
40	+13		+5	↓	+50
30	+7		-1		+42
20	+25		+17		+36
10 S	+34		+26		+24
00	+34		+26		+18
BL 10 N	+18		+10		+14
20	+14		+6		+12
30	+12		+4		+12
40	+11		+3		+8
50 N	+13		+5		+6
60	+19		+11		+5
70	+18		+10		+4
80	+29		+21	edge of ridge	+3
90	+18		+10		+1
BL 100 N	+16		+8	into gully	0
110	+3		-5		-2
120	-3		-11		-1
130	+7		-1		-4
140	+1		-7		-6
150 N ⊕	-2		-10		-8
160	+5		-3		-12
170	+8		0		-15
180	+22		+14		-15
190	+18		+10		-18
BL 200 N	-3	Subtract 8	-11		-22
210	+24		+6		-25
220	+4		-14		-28
230	-5		-23		-33
240	+4		-14		-42
250 N	-6		-24	Power line again	-52
260	-19		-37		-60
270	-8		-26		-60
280	+3		-15	Under wire	-28
290	+5		-13		-10
BL 300 N	-17		-35	Under wire	+70

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

SP AND VLF SURVEYS

Data Sheet No. 19

Station Location	S.P. Reading	Pot & ⊕ Correction	Plotted Value		VLF Angle °
BL 310 N	-15	Subtract 18	-33	Leaving power line	+70°
320	-12		-30		+70
330	-14		-32		+52
340	-9		-27		+40
350 N	-1		-19		+33
360	+13		-5		+26
370	+5		-13		+22
380	+13		-5	Old skid road	+18
390	+11		-7		+16
BL 400 N	+1		-17		+13
410	+9		-9		+11
420	+16		-2		+10
430	+6		-12		+8
440	+31		+13		+9
450 N ⊕	+4	Subtract 11	-14		+8
460	-2		-13	+6	
470	-4		-15	+6	
480	-8		-19	+8	
490	-5		-16	+6	
BL 500 N	-9		-20		+6
510	-3		-14		+6
520	-2		-13		+6
530	+6		-5		+4
540	+4		-7		+3
550 N	-3		-14		+5
560	-5		-16		+4
570	+8		-3		+5
580	-5		-16		+3
590	-15		-26		+4
BL 600 N	+6		-5		+3
610	-10		-21		+3
620	-4		-15		+3
630	-7		-18		+4
640	-12		-23		+3
650 N ⊕	-14	Subtract 20	-25		+4
660	-2		-22	+4	
670	-2		-22	+6	
680	+12		-8	+4	
690	+2		-18	+4	
BL 700 N	-1		-21		+4

# 1992 ASSESSMENT REPORT PAYROLL GROUP.

Fort Steele Mining District

Map 82 G 5

SP AND VLF SURVEYS

Data Sheet No. 20

Station Location	S.P. Reading	Pot & ⊕ Correction	Plotted Value	VLF Angle °
BL 710 N	+5	Subtract 20	-15	+6°
720	+4		-16	+5
730	+7		-13	+6
740	+15		-5	+5
750 N	+6		-14	+5
760	0		-20	+5
770	0		-20	+6
780	+40		+20	+5
790	-13		-33	+5
BL 800 N ⊕	-11		-31	+5
L800N+420W	ND	DATA		-2°
+410				0
+400W				+1
+390				+2
+380				+2
+370				0
+360				+2
+350				+1
+340				0
+330				+2
+320				+2
+310				+1
L800N +300				+3
+290				+2
+280				+3
+270				0
+260				+1
+250W				+1
+240	-7	Subtract 31	-38	0
+230	-22		-53	0
+220	+50		+19	+1
+210	-7		-38	+1
L800N +200W	+15		-16	+2
+190	+8		-23	+2
+180	+21		-10	+1
+170	-24		-55	0
+160	-26		-57	+1
+150W	-37		-68	+2

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

SP AND VLF SURVEYS

Data Sheet No. 21

Station Location	S.P. Reading	Pot & ⊕ Correction	Plotted Value		VLF Angle °
L800N+140W	-38	Subtract 31	-69		+3°
+130	-21		-52		+2
+120	-23		-54		+4
+110	-27		-58		+3
L800N+100W	-24		-55		+4
+90	-24		-55		+3
+80	-9		-38		+4
+70	-24		-55		+4
+60	-26		-57		+5
+50 W	-28		-59		+5
+40	-23		-54		+5
+30	-18		-49		+4
+20	-13		-44		+6
L800N+10 W	-9		-38		+6
L800N+10 E	+18	Subtract 31	-13		+4°
+20	+21		-10	Top of hill	+7
+30	+7		-24		+6
+40	+27		-4		+6
+50 E	+6		-25		+6
+60	+21		-10		+6
+70	+6		-25		+6
+80	+8		-23		+6
+90	+3		-28		+6
L800N+100 E	+9		-22		+6
+110	+8		-23		+6
+120	-2		-33		+5
+130	-5		-36		+4
+140	+6		-25		+4
+150	+2		-29		+4
+160	+8		-23		+4
+170	+38		+7		+5
+180	+18		-13		+5
+190	+25		-6		+5
L800N+200 E	+13		-18		+5

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

SP AND VLF SURVEYS

Data Sheet No. 22

Station Location	S.P Reading	Pot & ⊕ Correction	Plotted Value		VLF Angle °
L700N+390W	NO	DATA		Uphill 45°	-3°
+380					-4
+370					-3
+360					-3
+350W					-3
+340				Raise	-2
+330				Cut	-1
+320					-3
+310				Top	-3
L700N+300W				Down	-1
+290					0
+280				Up 30°	0
+270				↓	0
+260	-14	Subtract 25	-39		0
+250W	-13		-38		0
+240	-8		-33		+1
+230	-4		-29	Up 20°	+1
+220	-18		-43		+3
+210	-9		-34		+4
L700N+200W	-12		-37	∨	+4
+190	-12		-37		+4
+180	-12		-37		+5
+170	-11		-36	Top of hill	+3
+160	-11		-36		+1
+150W	-14		-39		+2
+140	+10		-15		+2
+130	-12		-37		+2
+120	0		-25		+3
+110	-5		-30		+3
L700N+100W	+9		-16		+3
+90	+6		-19		+3
+80	+14		-11		+2
+70	+6		-19		+3
+60	+19		-6		+4
+50W	+12		-13		+4
+40	-256		-281		+4
+30	+11		-14		+3
+20	+12		-13		+4
L700N+10W					+5
+00					+5

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

SP AND VLF SURVEYS

Data Sheet No. 23

Station Location	S.P. Reading	Pot + ⊕ Correction	Plotted Value		VLF Angle °
L700N+10E	-2	Subtract 25	-27		+4°
+20	+4		-21		+5
+30	+7		-18		+4
+40	0		-25		+5
+50E	0		-25		+6
+60	+1		-24		+5
+70	+10		-15		+4
+80	-1		-26		+5
+90	-6		-31		+4
L700N+100E	-5		-30		+4
+110	-4		-29		+5
+120	+3		-22		+5
+130	+7		-18		+5
+140	+9		-16		+5
+150E	+18		-7		+3
+160	+8		-17		+5
+170	+16		-9		+5
+180	+22		-3		+5
+190	+12		-13		+2
L700N+200E	+32		+7		+3
+210	+25		0		+3
+220	+29		+4		+3
+230	+18		-7		+2
+240	+22		-3		+3
L700N+250E	+44		+19		+2
L600N+370W	NO	DATA		Trail	0°
+360					+2
+350W					0
+340					0
+330					+2
+320					+3
+310					+2
L600N+300W					+2
+290					+3
+280					+4
+270					+4
L600N+260W					+4

B.L. +6°

Line continues

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

SP AND VLF SURVEYS

Data Sheet No. 24

Station Location	S.P. Reading	Pot & ⊕ Correction	Plotted Value		VLF Angle °
L600N +250W	-19	Subtract 25	-44		+3°
+240	-20		-45		+1
+230	-18		-43		0
+220	-24		-49		0
+210	-26		-51		+2
L600N +200W	-27		-52		+3
+190	-20		-45		+4
+180	-6		-31		+4
+170	-26		-51		+4
+160	-14		-39		+3
+150W	-11		-36		+3
+140	-4		-29	top of hill	+2
+130	-2		-27	flat	+3
+120	-1		-26	branch of old road } branch of old road }	+3
+110	+1		-24		+4
L600N +100W	-2		-27		+5
+90	0		-25		+4
+80	+3		-22		+7
+70	-2		-27		+7
+60	-3		-28		+7
+50 W	-1		-26		+6
+40	0		-25		+7
+30	+1		-24		+6
+20	+6		-19		+6
L600N +10 W	+4		-21		+6
					↓
L600N +00	+8				+6/+6
+10E	+4	Subtract 25	-21		+4
+20	-7		-32		+5
+30	-2		-27		+4
+40	+2		-23		+3
+50E	-10		-35		+3
+60	-4		-29		+2
+70	-15		-40		+2
+80	+6		-19		+1
+90	-6		-31		+1
L600N +100E	+3		-22		+2
+110	+11		-14		+2
+120	-1		-26		+2
+130	+10		-15		+2
+140E	+12		-13		+1

*line continues*

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

SP AND VLF SURVEYS

Data Sheet No. 25

Station Location	S. P. Reading	Pot & ⊕ Correction	Plotted Value		VLF Angle °
L600N+150E	+10	Subtract 25	-15		0°
+160	+12		-13		+1
+170	+23		-2		0
+180	+23		-2		+1
+190	+23		-2		+1
+200E	+23		-2		+1
+210	+17		-8		+1
+220	+12		-13		+1
+230	+17		-8		+2
+240	+18		-7		+2
L600N+250E	+16		-9		+3
L500N+350W	No	DATA		Bottom of hill	-4°
+340				27° Uphill	0
+330				Old Adit	0
+320					0
+310					+1
+300W					+3
+290					+3
+280					+3
+270					+2
+260					+2
L500N+250W	( <sup>+245W was</sup> -19)	Subtract 14	( <sup>+245W</sup> -33)		+2
+240	-41		-55		+1
+230	-25		-39		+2
+220	-29		-43		+1
+210	-32		-46		+2
+200W	-41		-55	Old road	+2
+190	-23		-37		+2
+180	-20		-34		+4
+170	( <sup>+175W was</sup> -22)		( <sup>+175W</sup> -30) -36		+3
+160	+8		-6		+4
L500N+150W	+17		+3		+5
+140	+9		-5	Old road (L1 = 30N 1-7E) from new ribbon	+7
+130	+1		-13		+6
+120	-1		-15		+7
+110	0		-14		+6
L500N+100W	+6		-8		+9

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

SP AND VLF SURVEYS

Data Sheet No. 26

Station Location	S. P. Reading	Pot & ⊕ Correction	Plotted Value		VLF Angle °
L500N+90W	+4	Subtract 14	-10	Slab Pile	+9°
+80	-2		-16		+10
+70	-1		-15		+8
+60	-1		-15		+11
+50 W	-4		-18		+11
+40	-4		-18		+11
+30	-2		-16		+10
+20	+5		-9		+10
L500N+10 +00W	+6		-8		+8 +8/+6 ↓
L500N+10E	-7	Subtract 14	-21		+6°
+20	-7		-21	} Clearing - no growth.	+6
+30	-7		-21		+6
+40	-8		-22		+7
+50E	-2		-16		+7
+60	+5		-9		+6
+70	-10		-24		+6
+80	-16		-30		+5
+90	-10		-24		+6
L500N+100E	-4		-18		+5
+110	-4		-18		+6
+120	-12		-26		+6
+130	-4		-18		+7
+140	-2		-16		+6
+150	0		-14		+7
+160	+1		-13		+6
+170	+4		-10		+9
+180	+3		-11		+10
+190	+5		-9		+9
L500N+200E	+15		+1		+11
+210	+6		-8		+12
+220	+4		-10		+12
+230	0		-14		+13
+240	+5		-9		+12
L500N+250E	-6		-20		+15

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

SP AND VLF SURVEY

Data Sheet No. 21

Station Location	S. P. Reading	Pot $\oplus$ Correction	Plotted Value		VLF Angle $^{\circ}$	
L400N+200W	-29	Subtract 14	-43	Cliff $\uparrow$ face.	+4 $^{\circ}$	
+190	-29		-43		+7	
+180	-25		-39		+7	
+170	-1		-15		+8	
+160	-2		-16		+7	
+150W	+20		+6		+12	
+140	+11		-3		+10	
+130	+20		+6		+7	
+120	+28		+14		Averages (to here) SP. $\downarrow$	+10
+110	+28		+14			+10
L400N+100W	+7		-7		+11	
+90	+2		-12		+10	
+80	+7		-7	Cominco ribbon L0+002+25E	+12	
+70	+5		-9		+12	
+60	+17		+3	Cominco ribbon L0+002+50E	+7	
+50W	+8		-6		+12	
+40	+4		-10		+12	
+30	-4		-18		+10	
+20	+15		+1		+10	
L400N+10W	-3		-17		+10	
+00	+2		-12		+12/ $\uparrow$ 3	
	$\uparrow$				$\uparrow$	
L400N+10E	+1	Subtract 14	-13		+14 $^{\circ}$	
+20	+7		-7	+16		
+30	+9		-5	+15		
+40	+6		-8	+18		
+50E	+11		-3	+18		
+60E	-2		-16	+18		
+70	-4		-18	+18		
+80	-8		-22	+20		
+90	-8		-22	+22		
L400N+100E	+4		-10	+22		
+110	+5	-9	+24			
+120	0	-14	+26			
+130	-14	-28	Edge of power line (averages) $\downarrow$	+31		
+140	-14	-28		+36		
+150E	-15	-29		+42		
+160	-14	-28		+42		
+170	-3	-17		+46		
+180	-6	-20		+50		

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

SP AND VLF SURVEYS

Data Sheet No. 28

Station Location	S. P. Reading	Pot 9 ⊕ Correction	Plotted Value	Notes	VLF Angle °	
L400N+190E	-8	Subtract 14	-22	Power line ↓ SP averaged.	+60°	
+200	-1		-15		+60°	
+210	+5		-9		+60°	
+220	+15		+1	Under 1 <sup>st</sup> phasar.	+60°	
+230	+2		-12		+60°	
+240	-16		-30		+60°	
+250	-8		-22		+30°	
L400N+260E	-21		-35			+10°
+265E	-27		-41			
L200N+240W	-27	Subtract 10	-37	Sleigh road, SP averaged uphill 47°	-10°	
+230	-23		-33		-12°	
+220	-20		-30	↓	-15°	
+210	-25		-35		-18°	
+200W	-35		-45		-25°	
+190	-36		-46		-24°	
+180	+25		+15		-30°	
+170	-16		-26		Uphill 43°	-32°
+160	-11		-21			-34°
L200N+150W	-5		-15		↓	-34°
+140	-4		-14	-36°		
+130	+13		+3	-38°		
+120	-5		-15	Top of hill Flat ↓	-40°	
+110	- MISSED -		-		-34°	
+100W	0		-10		-33°	
+90	+6		-4		-24°	
+80	+19		+9		-30°	
+70	+24		+14	-24°		
+60	+26		+16	-24°		
L200N+50W	+31		+21	-24°		
+40	+49		+39	-24°		
+30	+67		+57	-20°		
+20	+37		+27	-22°		
+10	+32		+22	-18°		
+00W			-26	-18°		
				-16 ↑ from East line.		

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

SP AND VLF SURVEYS

Data Sheet No. 29

Station Location	S. P. Reading	Pot & ⊕ Correction	Plotted Value		VLF Angle °
L200N + 10E	+9	Subtract 10	-1		-16°
+20	+16		+6		-13
+30	+8		-2		-10
+40	+7		-3		-10
+50E	+13		+3		-9
+60	+14		+4		-10
+70	+9		-1		-10
+80	+15		+5		-8
+90	+10		0		-8
L200N + 100E	+14			+4	
+110	+12		+2		-5
+120	+10		0		-4
+130	+17		+7		-4
+140	+14		+4		-3
+150E	-54		-64	Old road.	-3
+160	+12		+2		0
+170	+4		-6		0
+180	+4		-6		+1
+190	0		-10		+2
L200N + 200E	+4		-6		+4
+210	-5		-15		+4
+220	+4		-6		+6
+230	-5		-15		+6
+240	-3		-13		+8
L200N + 250E	-17		-27	Power line road.	+8
+260					
L100N + 250W	-20	Subtract 10	-30	Sleigh road	-10°
+240	-19		-29		-6
+230	-48		-58		-6
+220	-36		-46		-6
+210	-35		-45		-10
+200W	-19		-29		-4
+190	-4		-14		-6
+180	-1		-11		-4
+170	-21		-31		-4
+160	-1		-11		-6
L100N + 150W	+4		-6		-3
+140	+4		-6		-4
+130	+15		+5	Up hill 35° ↓	-5
+120	+26		+16		-5

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

SP AND VLF SURVEYS

Data Sheet No. 30

Station Location	S.P. Reading	Pot & ⊕ Correction	Plotted Value		VLF Angle°
L100N+110W	+27	Subtract 10	+17		-4°
+100	+5		-5		-3
+90	-9		-19		-2
+80	-14		-24		-1
+70	-2		-12		-1
+60	-2		-12		0
+50W	-10		-20		-1
+40	-5		-15		0
+30	-1		-11		0
+20	-1		-11		+3
L100N+10W	0		-10		+2
+00	+11/+15		+1/+5		+1/0
	↑		↑		↑
L100N+10E	+16	Subtract 10	+6		+1°
+20	+12		+2		+1
+30	+11		+1		+3
+40	+10		0		+2
+50E	+18		+8		+4
+60	+16		+6		+4
+70	+22		+12		+4
+80	+14		+4		+4
+90	+12		+2		+6
L100N+100E	+35			+25	
+110	+17		+7		+8
+120	+18		+8		+8
+130	+10		0		+10
+140	+24		+14		+11
+150E	+15		+5		+13
+160	+44		+34		+15
+170	+11		+1		+17
+180	+8		-2		+18
+190	+18		+8		+24
L100N+200E	+24		+14	Power line.	+28
+210	+14		+4		+36

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

SP AND VLF SURVEYS

Data Sheet No. 31

Station Location	S. P. Reading	Pot & ⊕ Correction	Plotted Value		VLF Angle °
L00+250W	NO	DATA		Swamp	0°
240					0
230				↓ Uphill 30°	-4
220	dry +113 -10 next morning	Subtract 8	+105/-18	↓	-2
210	+31 dry		+23		-2
200W	-20		-28		0
190	-28		-36		+2
180	-7		-15	Pile of rock 50m south	+2
170	+6		-2		+3
160	+13		+5		+4
L00+150W	+20		+12		+6
140	+26		+18	Top of ridge	+5
130	+68		+60	↓ Down 15° into	+2
120	+8		0	Gulley	+3
110	-6		-14		+4
100W	-24		-32	Bottom of gulley	+4
90	-9		-17	Up 20° ↓	+5
80	+10		+2		+2
70	-5		-13		+6
60	+27		+19		+4
L00+50W	+40		+32		+8
+40	+56		+48		+10
+30	+53		+45		+8
+20	+27		+19		+10
+10 W	+33		+25		+14
B L00+00					+18/+16
L00+10E	+29	Subtract 8	+21		+18°
20	+25		+17		+22
30	+19		+11		+28
40	+16		+8		+38
50E	+9		+1		+46
60	+5		-3	Edge of Power line	+56
70	+24		+16		+58
80	+26		+18	—	+24
90	+25		+17	—	+10
L00+100E	+40		+32	—	+34
110	+46		+38	Under wires 63,000 V	-50
120	+6		-2		-50
130	+40		+32		-38
140	+31		+23	Step	-36

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

SP & VLF SURVEYS

Data Sheet No. 32

Station Location	S.P. Reading	Pot & ⊕ Correction	Plotted Value		VLF Angle °
L00+150E	+36	Subtract 8	+28		-30°
+160	+15		+7		-26
+170	+17		+9		-28
+180	+19		+11	} Side hill	-30
+190	+17		+9		-22
+200E	+1		-7		-20
+210	+18		+10		-20
+220	-1		-9		-22
+230	+13		+5		
+240	+235E +20		+12		-18
+250				med. Vernier 46 →	-18
L100S+210W	-16	Subtract 8	-24	Edge of swamp	+12°
+200W	-6		-14		+10
+190	-24		-32		+8
+180	-2		-10	Trail to sleigh road	+8
+170	-25		-33		+10
+160	-4		-12	Sleigh road	+8
+150W	-2		-10	↑ Downhill 20° Vernier 77	+8
+140	-18		-26		+10
+130	-1		-9		+8
+120	-16		-24		+12
+110	-13		-21		+14
L100S+100W	-14		-22	} ——— phases Power line	+12
+90	-21		-29		+14
+80	-22		-30		+2
+70	-15		-23		-14
+60	-10		-18		-32
+50W	-15		-23		-40
+40	-10		-18		-46
+30	-10		-18		-38
+20	-12		-20		-32
+10W	-10		-18		-30

# 1992 ASSESSMENT REPORT PAYROLL GROUP

Fort Steele Mining District

Map 82 G 5

SP AND VLF SURVEY

Data Sheet No. 33

Station Location	S: P. Reading	Pot $\oplus$ Correction	Plotted Value		VLF Angle $^{\circ}$
L100S+ 10E	+6	Subtract 8	-2	↓ Downhill 24 $^{\circ}$  ↓ Old road  ↓ New road following edge of road.  ↓ Downhill  ↓ Wire ran out at 235 m.E	-24 $^{\circ}$
+ 20	+6		-2		-24
+ 30	-15		-23		-24
+ 40	+6		-2		-26
+50E	-18		-26		-18
+60	-10		-18		-20
+70	-25		-33		-18
+ 80	-25		-33		-20
+ 90	-8		-16		-22
L100S+100E	-15		-23		-20
+110	-26		-34	-20	
+120	-68		-76	-14	
+130	-38		-46	-20	
+140	-58		-66	-20	
+150E	-77		-85	-20	
+160	-87		-95	-18	
+170	-81		-89	-20	
+180	-59		-67	-18	
+190	-58		-66	-20	
+200E	-62		-70	-18	
+210	-47		-55	-18	
+220	-59		-67	-18	
+230	-69		-77	-18	
+240	No	DATA			-18
+250E					-18