REPORT

ON

MAGNETOMETER AND ELECTROMAGNETIC

SURVEYS

OF THE

MULLIETTE - BELL CLAIMS

CLERGUE AND STOCK TOWNSHIPS

PORCUPINE MINING DIVISION

AND

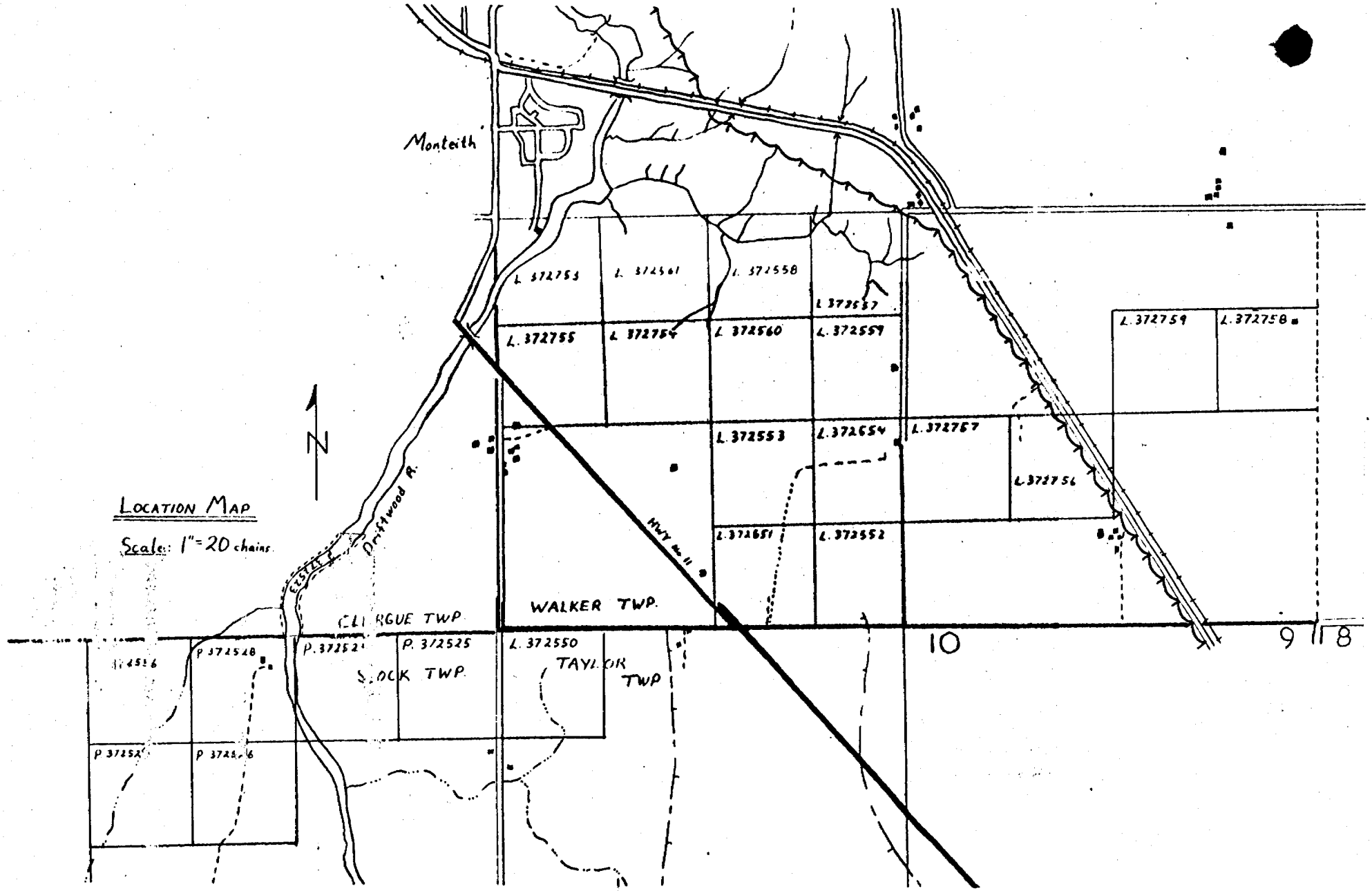
WALKER AND TAYLOR TOWNSHIPS

LARDER LAKE MINING DIVISION

ONTARIO

D. R. Bell, B.Sc.

July 31, 1974.



LOCATION MAP

Scale: 1" = 20 chains

1. Introduction:

A McPhar vertical loop electromagnetic and magnetometer survey was completed during the months of April and May of 1974, on the Morley Mulliette - David Bell claims, situated in Clergue and Stock Townships of the Porcupine Mining Division, and Walker and Taylor Townships of the Larder Lake Mining Division, Ontario.

The survey was performed by John J. Johnson, 112 Second Ave., Timmins, Ontario.

2. Location and Accessibility:

The claims are located on the mutual boundaries of Clergue, Walker, Taylor and Stock Townships, 42 miles east of Timmins, south of the village of Monteith. The claim group is cut in half by Highway 11 and access within this group is gained by numerous farm access roads and trails. The village of Monteith is one mile north of the property as is the Ontario Northland Railway.

3. Property:

Total number of claims - 24 unpatented mining claims.

Recorded Numbers - L372557-561 Inclusive

L372753-759 Inclusive

P372526-528 Inclusive

P372556

L372550-554 Inclusive

P372523-525 Inclusive

4. Ownership and Title:

The 24 unpatented claims within this survey area are jointly held by Morley Mulliette and David R. Bell on an equal sharing basis; 50% each.

Mineral rights held by: a) Morley Mulliette,
Suite 201,
95 King St. East,
Toronto, Ontario.

b) David R. Bell,
672 Melrose Blvd.,
Timmins, Ontario.

5. History:

Due largely to the area being overlain by clay, and scattered widespread outcrops, little exploration was carried out in this area until 1938 when a landslide on the east bank of the Driftwood River exposed an outcrop which assayed 0.13 ozs. gold per ton.

In the spring of 1939 the Montclerg Mines Limited was incorporated. The property was optioned to the following companies which carried out diamond-drill programmes and a limited magnetometer survey.

Companies - 1939 Newmont and Anglo-Huronian Ltd.

34 holes for a total of 20,335 feet.

- 1941 Anglo-Huronian Ltd.

10 holes for a total of 6,672 feet.

- 1942 Howey Gold Mines Ltd.

1 hole for a total of 776 feet
a magnetometer survey.

This early work indicated an apparent gold bearing zone extending from 1500 feet west of the river to 2800 feet east of the river.

Subsequent to this work, the original company has been organized to Consolidated Montclerg Mines Limited, and no further work has been reported within this area.

The enclosed geophysical report covers the area immediately to the east and south of this previously explored ground.

6. General Geology:

Much of the claim area was mapped by H. D. Carlson, 1965 for the Ontario Department of Mines, and previously the general area was mapped by R. M. Ginn, 1959-1961 for the O.D.M. The map by H. D. Carlson, O.D.M. Preliminary Geological Map No. P.308, shows the claim area to be underlain by sheared and foliated light and dark weathering intermediate to mafic metavolcanics, cut by a wide east-west trending Pipestone fault zone of a composition essentially that of a talcose-chloritic matrix.

Previous assessment work on the Montclerg Group by diamond-drilling has indicated North-South trending diabase dykes.

Structurally the metavolcanics have been isoclinally folded, with an east-west trending synclinal axis passing just south of Monteith. This has been structurally offset by a north-south fault. Extensive shearing, foliation and metamorphism has occurred with the schistocity following the general east-west trend.

The gold in the Montclerg area is in arsenopyrite and appears to be restricted in a silicified zone in the meta volcanics to the north of the talcose-chloritic Pipestone Fault Zone.

The picket lines were oriented in a north-south direction, such that the survey lines would be as near as possible at right angles to the formation.

7. Magnetometer Survey:

(a) Grid -

1. Baseline - bearing 090 E.
2. Crosslines - bearing 360N and 180S @ 400 ft. intervals
3. Total line/miles - 22.75 miles.
4. Stations - 2089.
5. Personnel - three (3) man crew supervised by John J. Johnson, 112 Second Ave., Timmins, Ontario.

(b) Survey Method -

1. Instrument - McPhar-M700 Fluxgate magnetometer, a battery operated, transisterized, direct reading instrument which measures the vertical component of the earth's magnetic field.

   Scale constant 20 gammas.

2. Theory of Method - the fluxgate magnetometer employs a saturable core system consisting of two highly permeable metallic strips about which primary coils have been wound. A low frequency field ($1KH_2$) is applied to the coils through an oscillator. The field is sinusoidal and drives the strips into saturation during each half cycle resulting in an even change of permeability of these cores (at KH_2). Any ambient magnetic field acting on this system yields a flux or phase variation which, when "gated" at the proper frequency (in this case the second harmonic), induces voltage pulses in an adjacent secondary winding. These pulses are amplified, fed into a phase dector and emerge as a D.C. Signal. This

signal is directly proportional to the strength of the ambient field and, therefore the strength of the field can be read on a voltmeter calibrated in gammas. The accuracy of the McPhar instrument is generally within 1/2% of full scale between 1000 and 10,000 gamma ranges and within 1% between the 10,000 and 30,000 gamma range.

3. Procedure - magnetic base stations were established at 8+20 E on Baseline 0+00 Walker Twp., and Baseline 0+00, 1+50W Clergue and Stock Twps. Readings were then taken at 50 ft. intervals on the crosslines, and check readings taken at a base station in order that a correction curve for the diurnal variation could be established. Using this curve, all readings were corrected for diurnal and instrument drift variations.

8. Electromagnetic Survey:

(a) Grid - same as for magnetic survey; Stations - 1060.

(b) Survey Method -

1. Instrument - McPhar SS-15 Vertical Loop EM System; a dual frequency fixed source, tilt angle method.

2. Operating Frequency - 1000 and 5000 C.P.S.

3. Operating Range - 2000 feet.

4. Transmitter Power - 300 watt supplied by gas-powered motor generator.

5. Transmitter - a mass-mounted, triangular cable loop about 10' per side. The loop can be rotated about a vertical axis.

6. Receiver - a tuned pick-up coil assembly together with a transisterized amplifier with earphone outlet and a built-in clinometer for dip angle measurement.

7. Theory of Method - the basic principle is essentially that a horizontal electromagnetic field generated by passing an alternating through a wire loop will induce electrical "eddy" currents in any adjacent conductive media in the earth. The induced current in any conductor will in turn regenerate a secondary, electromagnetic field. The location and orientation of the principal axes of any secondary field and, hence, the location

and orientation of the source conductor can be determined by measuring tilt angles with a receiving coil. To do this the coil is rotated about a selected axis until a null position is obtained. This null position is essentially the orientation of the receiver coil producing minimum induction. The axis of orientation must be selected such that it is horizontal and lies in a direction parallel to the plane of the receiver coil and normal to the plane of the transmitting loop.

8. Procedure - Sites for the transmitter locations are selected at convenient points throughout the property. The transmitter is set up and current is applied. The plane of the loop must be kept as nearly as possible in a direction normal to the location of each receiver station. The person operating the receiver orients the coil about a vertical axes until a null point is established. The direction of the plane of the coil is now parallel to an axis which is normal to the plane of the transmitter loop. Next, the receiver coil is held in a horizontal position in this position.

If no secondary field is present a null will be obtained in the horizontal position. If such a field is present, its tilt angle is measured by rotating the coil until a null is received. The dip or tilt angle is read on a clinometer attached to the receiver apparatus.

The amount of tilt recorded at each station in plotted graphically on the line plane and connected by a curve.

A cross-over point is in theory, that point on the line where the curve changes from positive to negative, and in practice it is a point of inflection on the curve. This is due in part to distortion of the secondary field and to interference from other minor, conductors.

9. Results:

(a) Magnetometer Survey - the east-west magnetic trends reflect a general pattern which might be related to the trend of the metamorphic fabric superimposed by the intense regional talcose-chloritic Pipestone Fault Zone.

Intrusive diabase dykes exhibit a magnetic relief trending in a North-South direction and is sufficient in contrast to distinguish them from the older flows. This is exhibited on the Stock Twp. Group in claim P372525, and similarly on the Walker Twp. Group in claim L372754. This later magnetometer expression has been likely intensified within the Pipestone Fault, regionally metamorphosing the talc-chlorite schist along the diabase intrusive contact to a possible "magnetite-rich" serpentinized rock.

(b) Electromagnetic Survey - only one moderate conductor of any magnitude is indicated. This is in the north-west corner of Claim L372753 in Walker Twp. between lines 4+00 E and 16+00 E; 24+00 N. This anomaly does not reflect any magnetic expression, and a small outcrop some 100 ft. south of the anomaly indicates fine stringers of pyrite in a rhyo-dacite. This small exposure might indicate that the anomaly is due to the presence of massive or stringer sulphides.

A couple of very weak conductors reflecting a trend east-west following the contact of the proposed Pipestone Fault. This is probably due to intense shearing and possible disseminated sulphides.

10. Conclusions:

The electromagnetic anomaly in the north-west corner of the Walker Township Group is in a geologically favourable environment for possible base metal potential. This area should be detailed with 200 ft. survey spacings. Due to the intense overburden and a local river passing over this area, diamond drilling would be recommended for this zone.

An induced polarization survey along the contact of the Pipestone Fault zone might further outline potential disseminated gold-sulphide horizones similar to those found on the adjoining Montclerg property.

It is recommended that following any successful results from the above conclusions, that diamond drill should be used to test the mineral potential of this property.

Respectfully submitted,

David R. Bell

David R. Bell, B.Sc.

July 31, 1974.

PERFORMANCE & C

900

ASSESSMENT WORK DETAILS

Township or Area Stock and Clergue twps.

Type of Survey Electromagnetic
A separate form is required for each type of survey

Chief Line Cutter or Contractor John J. Johnson
Name
112 2nd Ave., Timmins, Ont.
Address

Party Chief John J. Johnson
Name
112 2nd Ave., Timmins, Ont.
Address

Consultant David R. Bell
Name
672 Melrose Blvd. Timmins, Ont.
Address

List numerically

P 372523
P 372524
P 372525
P 372526
P 372527
P 372528
P 372556

If space insufficient, attach list

COVERING DATES

Line Cutting April and May 1974

Field May 1974
Instrument work, geological mapping, sampling etc.

Office July 1974

INSTRUMENT DATA

Make, Model and Type MaPhar SS-15 Vertical Loop

Scale Constant or Sensitivity 1000 C.P.S
Or provide copy of instrument data from Manufacturer's brochure.

Radiometric Background Count

Number of Stations Within Claim Group 308

Number of Readings Within Claim Group 308

Number of Miles of Line cut Within Claim Group 6.5 Miles

Number of Samples Collected Within Claim Group

TOTAL 7

CREDITS REQUESTED	20 DAYS per claim	40 DAYS per claim	Includes (Line cutting)
Geological Survey	☐	☐	
Geophysical Survey	☑	☑	Show Check ✓
Geochemical Survey	☐	☐	

DATE July 30th 1974

SIGNED John J. Johnson

Send in duplicate to:
FRED W. MATTHEWS
SUPERVISOR-PROJECTS SECTION
DEPARTMENT OF MINES &
NORTHERN AFFAIRS
WHITNEY BLOCK
QUEEN'S PARK
TORONTO, ONTARIO

Performance and coverage credits do not apply to airborne surveys.

PERFORMANCE & COVERAGE CREDITS

ASSESSMENT WORK DETAILS

Township or Area: Stock and Bergue Twps

Type of Survey: Magnetometer
(Note: one form is required for each type of survey)

Chief Line Cutter or Contractor: John J. Johnson
Name
112 2nd Ave., Timmins, Ont.
Address

Party Chief: John J. Johnson,
Name
112 2nd Ave., Timmins, Ont.
Address

Consultant: David R. Bell
Name
672 Melrose Blvd, Timmins, Ont.
Address

COVERING DATES

Line Cutting: April and May 1974

Field: May 1974
Instrument work, geological mapping, sampling etc.

Office: June 1974

INSTRUMENT DATA

Make, Model and Type: McPhar - TF 700. Fluxgate Magnetometer

Scale Constant or Sensitivity: 20 Gammas
Or provide copy of instrument data from Manufacturer's brochure.

Radiometric Background Count: _____

Number of Stations Within Claim Group: 567

Number of Readings Within Claim Group: 567

Number of Miles of Line cut Within Claim Group: 6.5 Miles

Number of Samples Collected Within Claim Group: _____

MINING CLAIMS TRAVERSED
List numerically

P 372523
P 372524
P 372525
P 372526
P 372527
P 372528
P 372556

If space insufficient, attach list

TOTAL: 7

CREDITS REQUESTED	20 DAYS per claim	40 DAYS per claim	Includes (Line cutting)
Geological Survey	☐	☐	
Geophysical Survey	☐	☑	Show Check ✓
Geochemical Survey	☐	☐	

DATE: July 30th 1974

SIGNED: John J. Johnson

Send in duplicate to:

FRED W. MATTHEWS
SUPERVISOR-PROJECTS SECTION
DEPARTMENT OF MINES &
NORTHERN AFFAIRS
WHITNEY BLOCK
QUEEN'S PARK
TORONTO, ONTARIO

Performance and coverage credits do not apply to airborne surveys

PERFORMANCE & COVERAGE CREDITS

ASSESSMENT WORK DETAILS

Township or Area: Walker and Taylor Twps

Type of Survey: Electromagnetic
~~A separate form is required for each~~ type of survey

Chief Line Cutter or Contractor: John J. Johnson
Name
112 2nd ave, Timmins, Ont.
Address

Party Chief: John J. Johnson
Name
112 2nd ave, Timmins, Ont
Address

Consultant: David R. Bell
Name
672 Melrose Blvd. Timmins, Ont.
Address

COVERING DATES

Line Cutting: April and May 1974

Field: May 1974
Instrument work, geological mapping, sampling etc.

Office: June 1974

INSTRUMENT DATA

Make, Model and Type: McPhar SS-15 Vertical Loops

Scale Constant or Sensitivity: 1000 C.P.S.
Or provide copy of instrument data from Manufacturer's brochure.

Radiometric Background Count: _____

Number of Stations Within Claim Group: 752

Number of Readings Within Claim Group: 752.

Number of Miles of Line cut Within Claim Group: 16.25 Miles

Number of Samples Collected Within Claim Group: _____

MINING CLAIMS TRAVERSED
List numerically

L 372 550
L 372 551
L 372 552
L 372 553
L 372 554
L 372 557
L 372 558
L 372 559
L 372 560
L 372 561
L 372 753
L 372 754
L 372 755
L 372 756
L 372 757
L 372 758
L 372 759

TOTAL: 17

If space insufficient, attach list

CREDITS REQUESTED	20 DAYS per claim	40 DAYS per claim	Includes (Line cutting)
Geological Survey	☐	☐	
Geophysical Survey	☑	☐	Show Check ✓
Geochemical Survey	☐	☐	

DATE: July 30th 1974

SIGNED: John J. Johnson

Send in duplicate to:
FRED W. MATTHEWS
SUPERVISOR-PROJECTS SECTION
DEPARTMENT OF MINES & NORTHERN AFFAIRS
WHITNEY BLOCK
QUEEN'S PARK
TORONTO, ONTARIO

Performance and coverage credits do not apply to airborne surveys

PERFORMANCE & COVERAGE CREDITS

ASSESSMENT WORK DETAILS

Township or Area: Walker and Taylor Twps

Type of Survey: Magnetometer
(~~A separate form is required~~ for each type of survey)

Chief Line Cutter or Contractor: John J. Johnson
Name
112 2nd Ave., Timmins, Ont.
Address

Party Chief: John J. Johnson
Name
112 2nd Ave., Timmins, Ont.
Address

Consultant: David R. Bell
Name
672 Melrose Blvd., Timmins, Ont.
Address

COVERING DATES

Line Cutting: April and May 1974

Field: May 1974
Instrument work, geological mapping, sampling etc.

Office: July 1974

INSTRUMENT DATA

Make, Model and Type: McPhar M-700 Fluxgate magnetometer

Scale Constant or Sensitivity: 20 Gammas
Or provide copy of instrument data from Manufacturer's brochure.

Radiometric Background Count: ____

Number of Stations Within Claim Group: 1522

Number of Readings Within Claim Group: 1522

Number of Miles of Line cut Within Claim Group: 16.25 miles

Number of Samples Collected Within Claim Group: ____

MINING CLAIMS TRAVERSED
List numerically

L 372550
L 372551
L 372552
L 372553
L 372554
L 372557
L 372558
L 372559
L 372560
L 372561
L 372753
X 372754
L 372755
L 372756
L 372757
L 372758
L 372759

If space insufficient, attach list

TOTAL: 17

CREDITS REQUESTED	20 DAYS per claim	40 DAYS per claim (Includes Line cutting)
Geological Survey	☐	☐
Geophysical Survey	☐	☑
Geochemical Survey	☐	☐

Show Check ✓

DATE: July 30th 1974

SIGNED: John J. Johnson

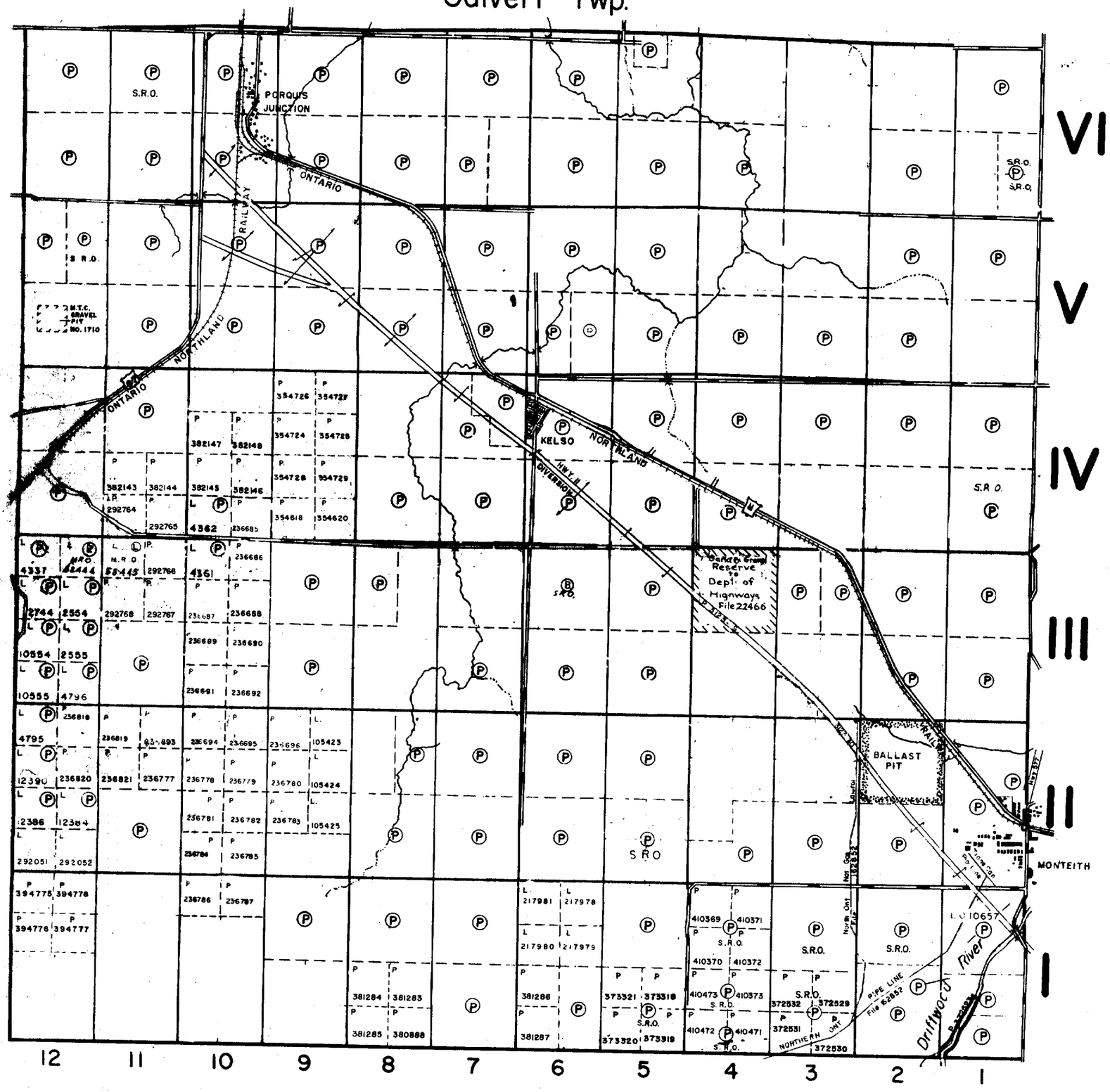
QUALIFICATIONS: 2.1473

Send in duplicate to:

FRED W. MATTHEWS
SUPERVISOR-PROJECTS SECTION
DEPARTMENT OF MINES & NORTHERN AFFAIRS
WHITNEY BLOCK
QUEEN'S PARK
TORONTO, ONTARIO

Performance and coverage credits do not apply to airborne surveys.

Calvert Twp.



Dundonald Twp.

Walker Twp.

Stock Twp.

THE TOWNSHIP OF CLERGUE

DISTRICT OF COCHRANE

PORCUPINE MINING DIVISION

SCALE: 1-INCH=40 CHAINS

LEGEND

PATENTED LAND	(P)
CROWN LAND SALE LEASES	(S) or C.S.
LOCATED LAND	(L)
LICENSE OF OCCUPATION	Loc
MINING RIGHTS ONLY	L.O.
SURFACE RIGHTS ONLY	M.R.O.
ROADS	S.R.O.
IMPROVED ROADS	
KING'S HIGHWAYS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

NOTES

400' Surface rights reservation around all lakes and rivers.

MINING LANDS
DATE OF ISSUE
AUG - 6 1974
MINISTRY OF NATURAL RESOURCES

2.1535

PLAN NO. - M.337

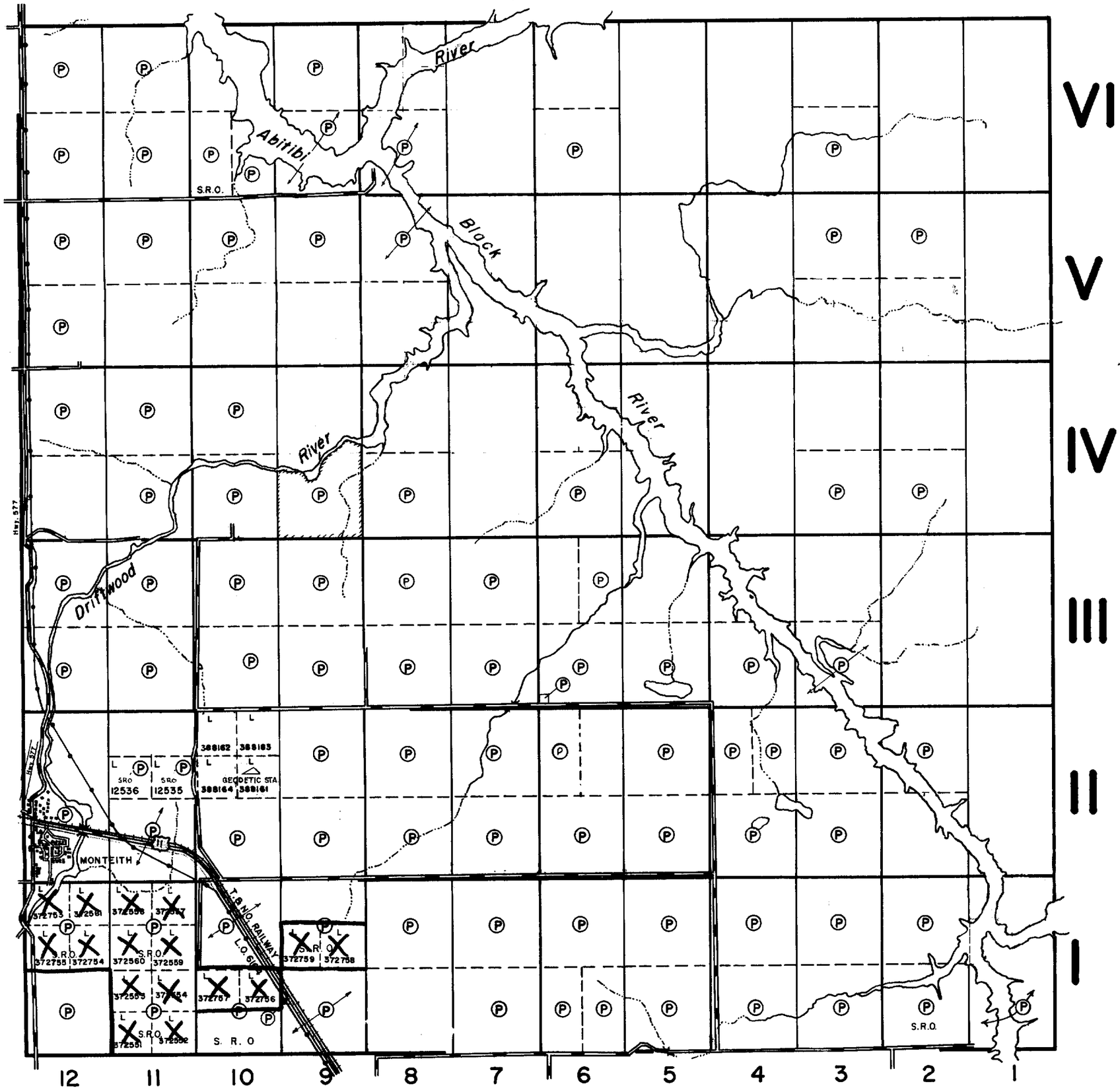
ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

Teefy Twp.

Clergue Twp.

Wilkie Twp.

Taylor Twp.



THE TOWNSHIP OF

WALKER

DISTRICT OF COCHRANE

LARDER LAKE MINING DIVISION

SCALE: 1-INCH= 40 CHAINS

LEGEND

PATENTED LAND	(P)
CROWN LAND SALE	(S) or C.S.
LEASES	(L)
LOCATED LAND	Loc.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
ROADS	
IMPROVED ROADS	
KING'S HIGHWAYS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

NOTES

400' Surface rights reservation around all lakes and rivers.

PLAN NO.- M-396

ONTARIO

MINISTRY OF NATURAL RESOURCES

SURVEYS AND MAPPING BRANCH

Walker Twp.

Stock Twp.

Carr Twp.

Currie Twp.

VI

V

IV

III

II

I

12 11 10 9 8 7 6 5 4 3 2 1

VAL GAGNE

Black River

River

T.&N.O. RAILWAY

L.O. 6154 L.H.E.R.C.

Driftwood

Wabbler L.

Wabbler

Cr.

S.R.O.

SRO

M.R.O.

L.O.

M.R.O.

S.R.O.

77642 77643 S.R.O. 77644 77645 S.R.O.

74177 74178 74176 74179

74187 74184 74185

418856 418855 400338 400337

418857 418858 400336 418859

363889 363890

410788 410787 410789 410780

74173 74172

74174 74175 74309 74308

77133 77134 77140 77139

77135 77136 77138 77137

400342 400339 400341 400340

342558 342556 342559 342557

373506 373503 373505 373504

77638 77639 77640 77641

374721 374720 374722 374723

THE TOWNSHIP OF

TAYLOR

DISTRICT OF COCHRANE

LARDER LAKE MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

PATENTED LAND	(P)
CROWN LAND SALE	(S) or C.S.
LEASES	(L)
LOCATED LAND	Loc.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
ROADS	
IMPROVED ROADS	
KING'S HIGHWAYS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

NOTES

400' surface rights reservation along the shores of all lakes & rivers

2.1535

PLAN NO.- M.391

ONTARIO

MINISTRY OF NATURAL RESOURCES

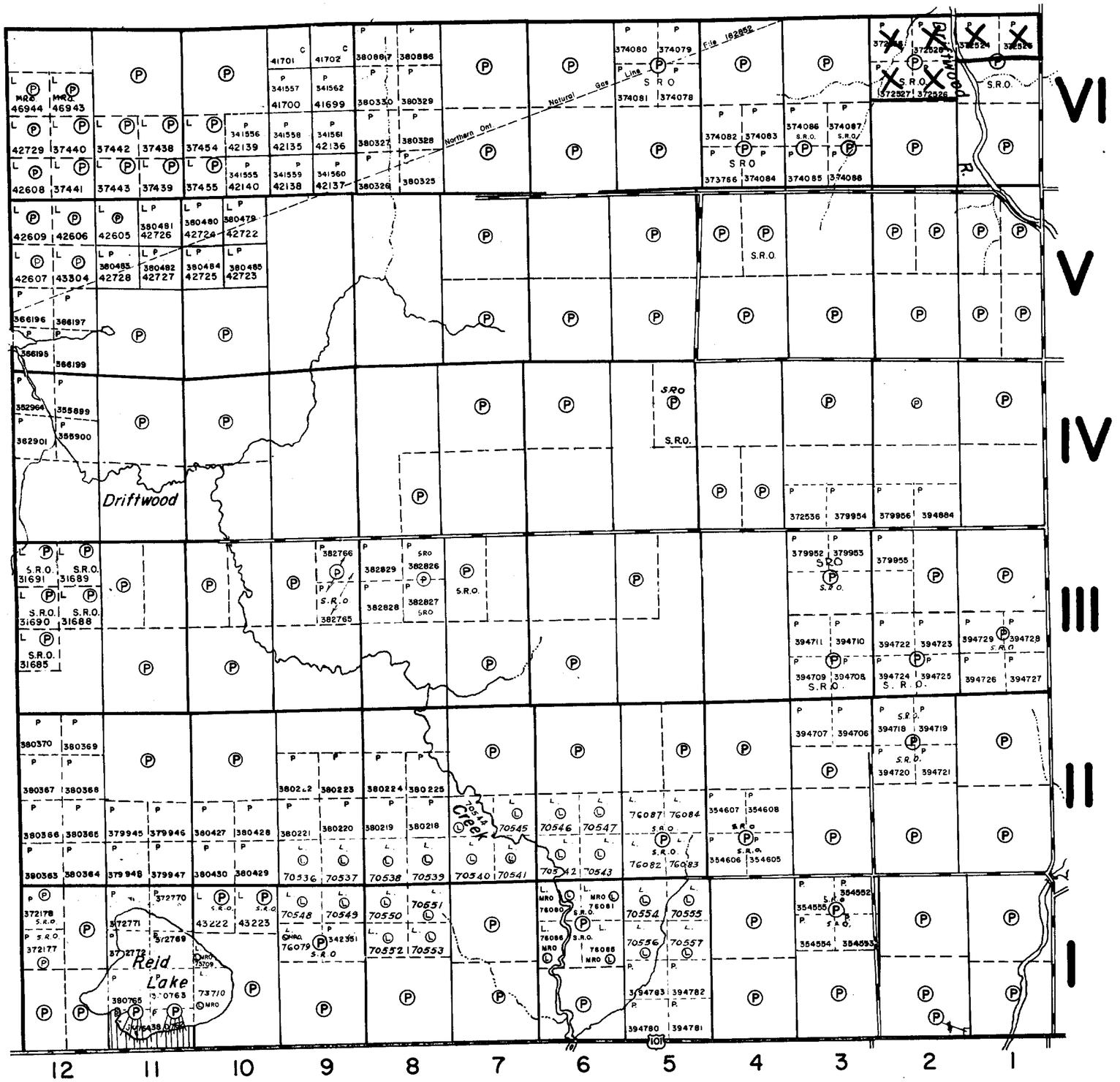
SURVEYS AND MAPPING BRANCH

Clergue Twp.

German Twp.

Taylor Twp.

Bond Twp.



THE TOWNSHIP OF STOCK

DISTRICT OF COCHRANE

PORCUPINE MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

PATENTED LAND	(P)
CROWN LAND SALE	(S) or C.S.
LEASES	(L)
LOCATED LAND	Loc.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
ROADS	
IMPROVED ROADS	
KING'S HIGHWAYS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

NOTES

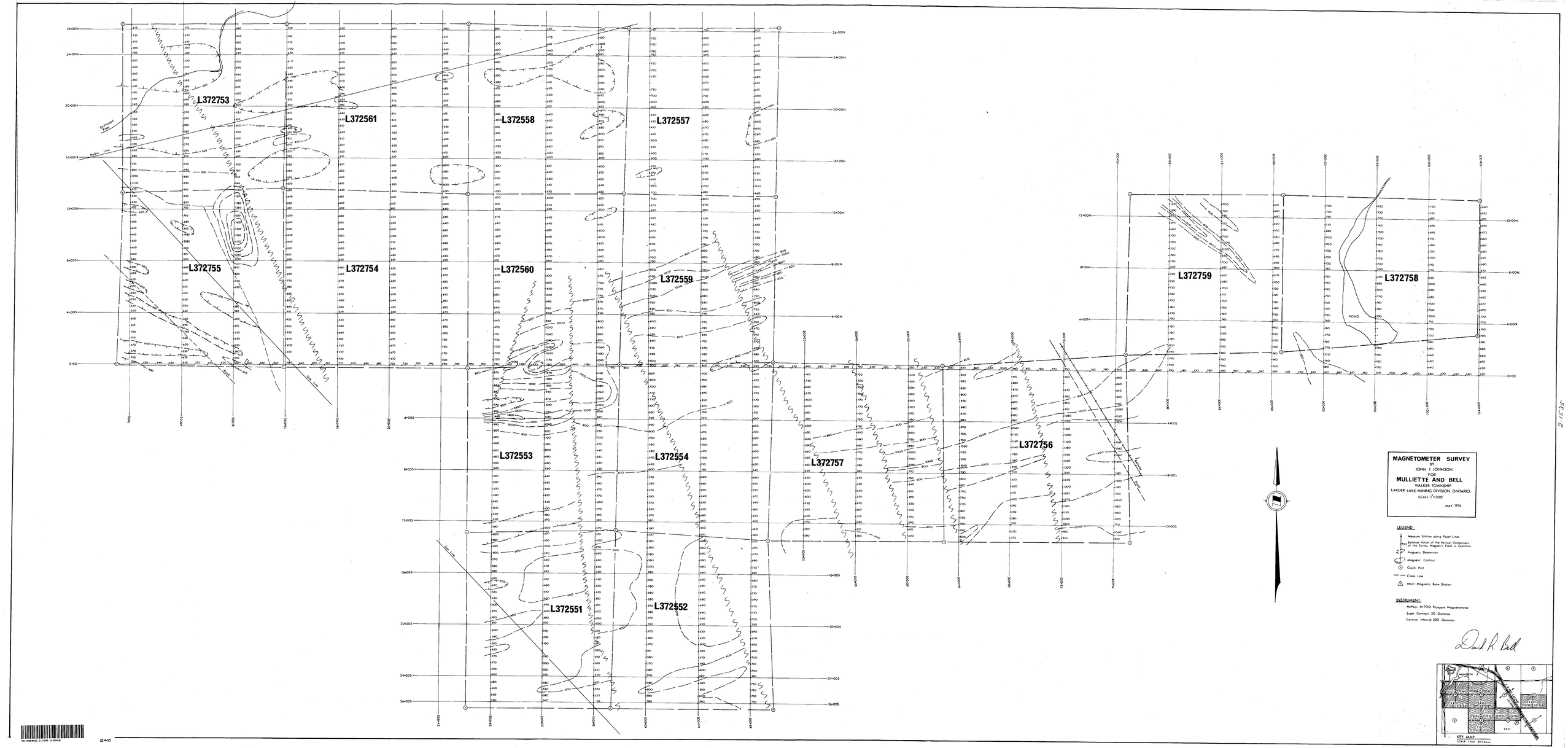
400' Surface rights reservation around all lakes and rivers.

MINING LANDS
DATE OF ISSUE
AUG - 6 1974
MINISTRY OF NATURAL RESOURCES

2.1535

PLAN NO.- M. 388

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH



MAGNETOMETER SURVEY
BY
JOHN J. JOHNSON
FOR
MULLIETTE AND BELL
WALKER TOWNSHIP
LARDER LAKE MINING DIVISION, ONTARIO.
SCALE 1"=200'
MAY, 1974.

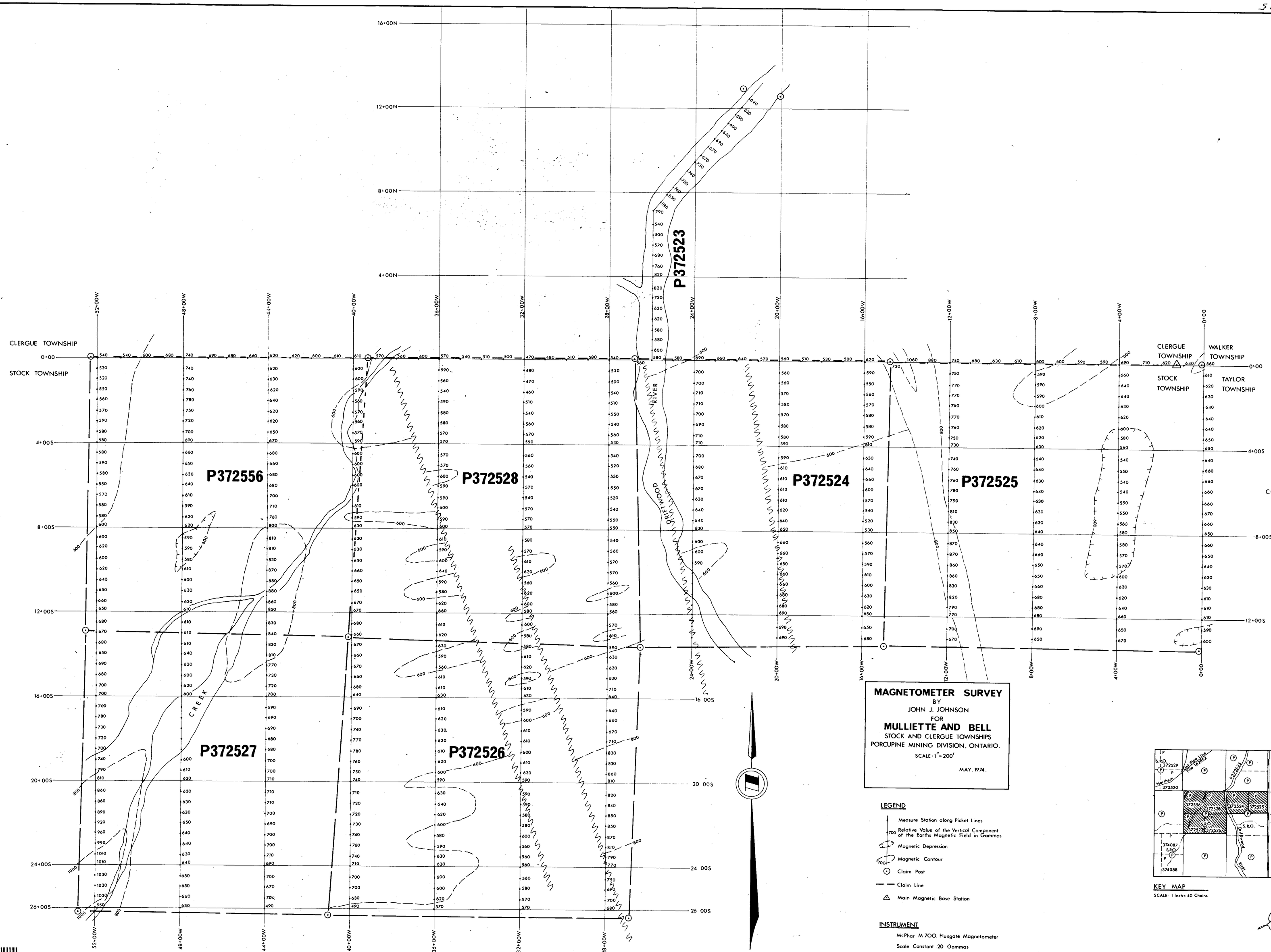
LEGEND

- Measure Station along Picket Lines
- 600 Relative Value of the Vertical Component of the Earths Magnetic Field in Gammas
- Magnetic Depression
- Magnetic Contour
- Claim Post
- Claim Line
- Main Magnetic Base Station

INSTRUMENT

McPhar M-700 Fluxgate Magnetometer
Scale Constant 20 Gammas
Contour Interval 200 Gammas

David R. Bell



MAGNETOMETER SURVEY

BY

JOHN J. JOHNSON

FOR

MULLIETTE AND BELL

STOCK AND CLERGUE TOWNSHIPS

PORCUPINE MINING DIVISION, ONTARIO.

SCALE: 1"=200'

MAY, 1974.

LEGEND

- Measure Station along Picket Lines
- +700 Relative Value of the Vertical Component of the Earths Magnetic Field in Gammas
- Magnetic Depression
- Magnetic Contour
- Claim Post
- Claim Line
- Main Magnetic Base Station

INSTRUMENT

McPhar M 700 Fluxgate Magnetometer

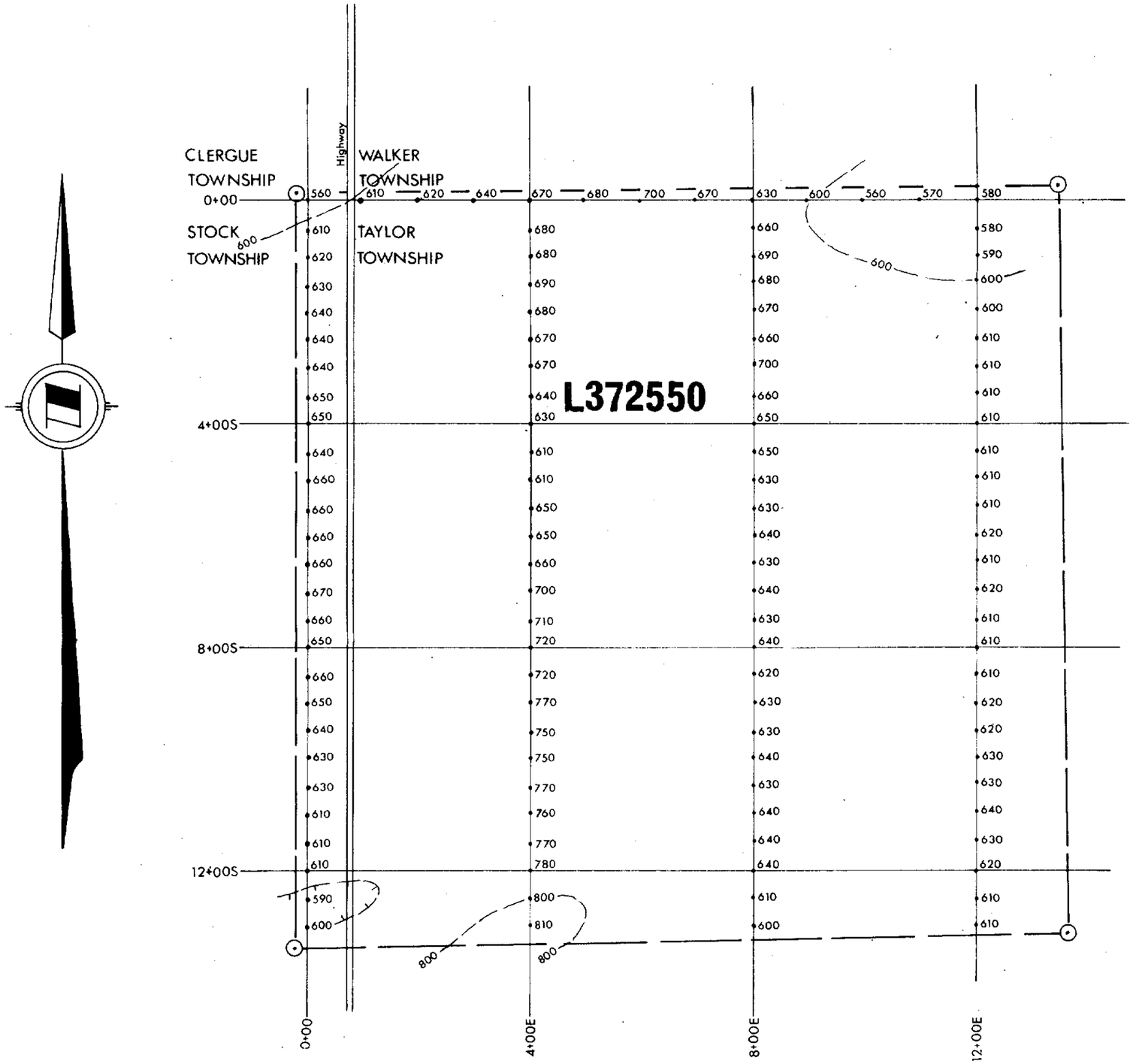
Scale Constant 20 Gammas

Contour Interval 200 Gammas

KEY MAP

SCALE: 1 Inch = 40 Chains

David K. Bell
B.Sc.



MAGNETOMETER SURVEY

BY

JOHN J. JOHNSON

FOR

MULLIETTE AND BELL

TAYLOR TOWNSHIP

LARDER LAKE MINING DIVISION, ONTARIO.

SCALE: 1" = 200'

MAY, 1974.

LEGEND

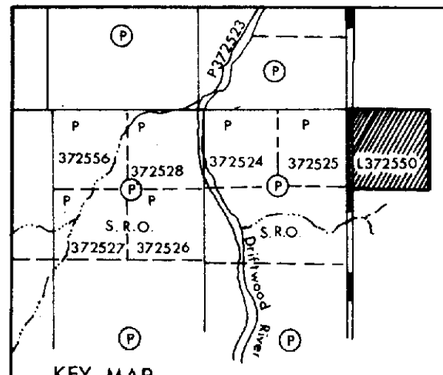
- Measure Station along Picket Lines
- 700 Relative Value of the Vertical Component of the Earths Magnetic Field in Gammas
- Magnetic Depression
- 700 Magnetic Contour
- Claim Post
- Claim Line
- Main Magnetic Base Station

INSTRUMENT

McPhar M 700 Fluxgate Magnetometer

Scale Constant 20 Gammas

Contour Interval 200 Gammas

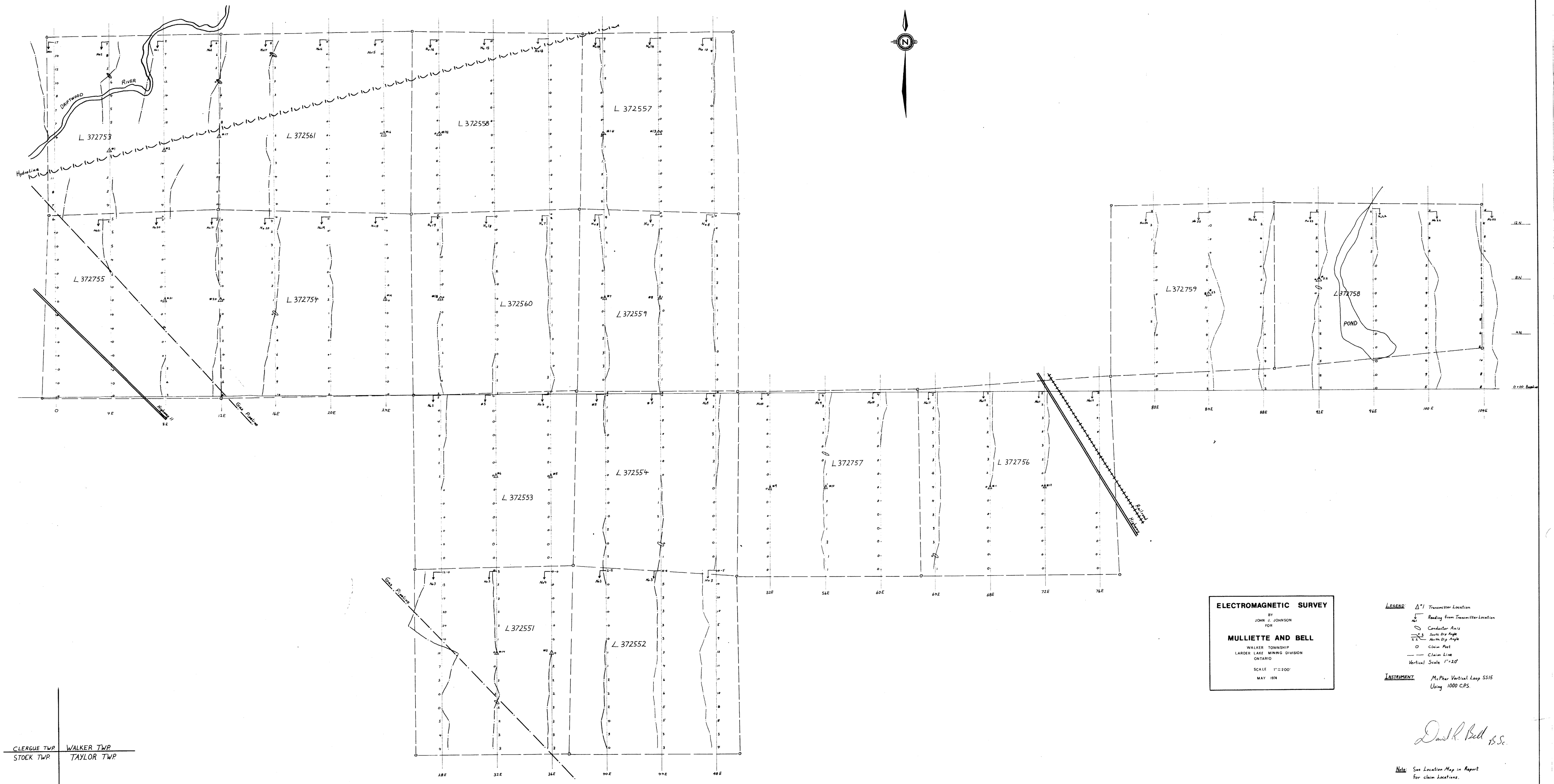


KEY MAP

SCALE: 1 Inch = 40 Chains

David R. Bell

2.1535



ELECTROMAGNETIC SURVEY

BY
JOHN J. JOHNSON
FOR

MULLIETTE AND BELL

WALKER TOWNSHIP
LARDER LAKE MINING DIVISION
ONTARIO

SCALE 1"=200'

MAY 1974

LEGEND
- △*1 Transmitter Location
- 5 / N5 Reading from Transmitter Location
- Conductor Axis
- 2.3 / 2.2 South Dip Angle / North Dip Angle
- Claim Post
- Claim Line

Vertical Scale 1"=20'

INSTRUMENT McPhar Vertical Loop S515 Using 1000 C.P.S.

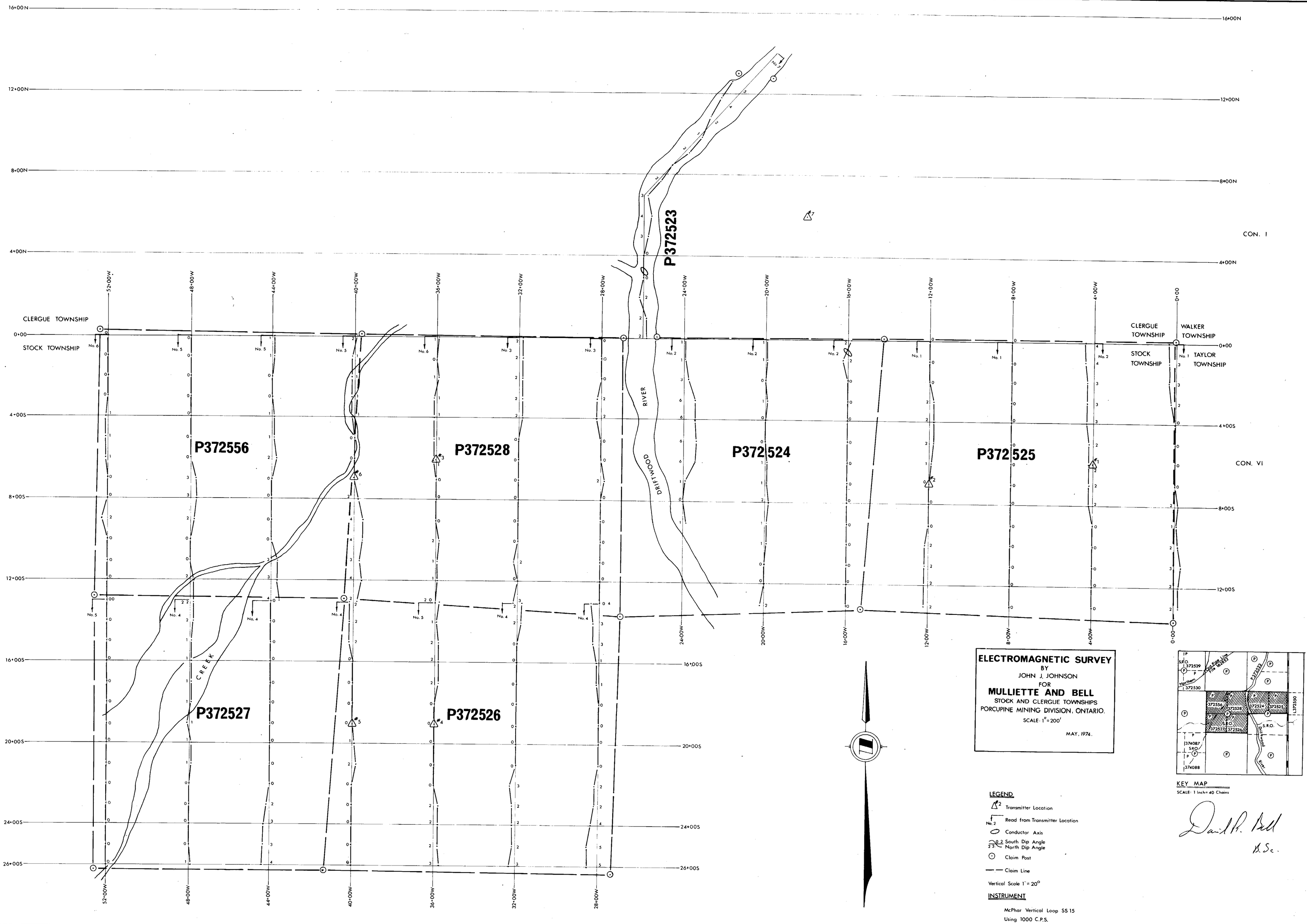
David R. Bell B.Sc.

Note: See Location Map in Report for claim locations.

CLERGUE TWP. | WALKER TWP.
STOCK TWP. | TAYLOR TWP.

270

2.15-35



ELECTROMAGNETIC SURVEY
BY
JOHN J. JOHNSON
FOR
MULLIETTE AND BELL
STOCK AND CLERGUE TOWNSHIPS
PORCUPINE MINING DIVISION, ONTARIO.
SCALE: 1" = 200'

MAY, 1974.

KEY MAP
SCALE: 1 Inch = 40 Chains

LEGEND

- Transmitter Location
- Read from Transmitter Location
- Conductor Axis
- South Dip Angle / North Dip Angle
- Claim Post
- Claim Line

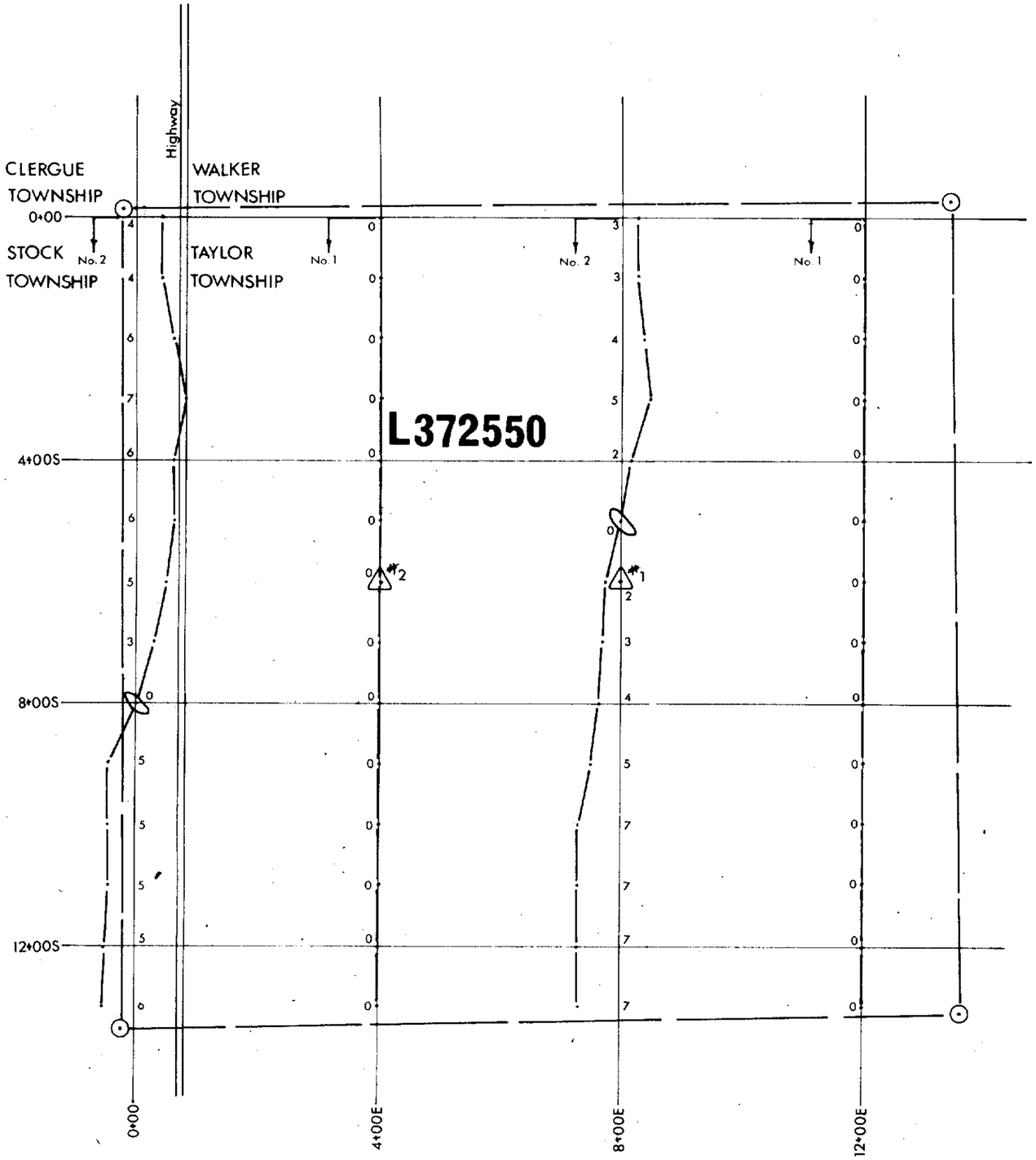
Vertical Scale 1" = 20°

INSTRUMENT

McPhar Vertical Loop SS 15
Using 1000 C.P.S.

David H. Bell
B.Sc.

2.1535



ELECTROMAGNETIC SURVEY

BY

JOHN J. JOHNSON

FOR

MULLIETTE AND BELL

TAYLOR TOWNSHIP

LARDER LAKE MINING DIVISION, ONTARIO.

SCALE: 1" = 200'

MAY, 1974.

LEGEND

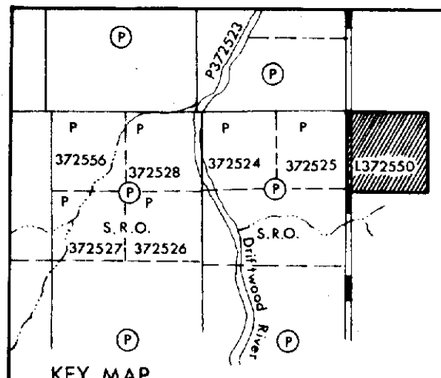
- Transmitter Location
- No.2 — Read from Transmitter Location
- Conductor Axis
- 0 2 / 2 3 — South Dip Angle / North Dip Angle
- Claim Post
- Claim Line

Vertical Scale 1" = 20°

INSTRUMENT

McPhar Vertical Loop SS 15

Using 1000 C.P.S.



KEY MAP

SCALE: 1 Inch = 40 Chains

David R. Bell
B.Sc.

2.1535