Fenton Scott Management Inc.
17 Malabar Place, Don Mills, Ontario M3B 1A4
416-444-1717

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EXPLORATION REPORT

FOR

CAPTAIN CONSOLIDATED RESOURCES LTD.

AND

KOALA RESOURCES LIMITED

IN THE

MISHUBISHI - PUKASKWA AREA - ONTARIO

FENTON SCOTT, P. ENG.

DON MILLS, ONTARIO
DECEMBER 22ND, 1986

PURPOSE OF REPORT:

This report describes the operating procedures and results obtained from a surface exploration program carried out between June and October, 1987. From the results obtained, certain diamond drill targets were identified. Other geophysical indications were downgraded for any further investigation.

EXPLORATION HISTORY:

Some exploration for base metals is reported from the south portion of the claims, with no record of success. The present claim block was staked in early 1983 as a potential gold exploration venture, in light of the discoveries at Hemlo, some 60 kilometers north. An airborne magnetometer and electromagnetic survey was carried out over the claims in the spring of 1983 by Aerodat Limited. A short program of follow-up work over this survey area was completed by Prospecting Geophysics Limited.

METHOD OF WORK:

Based on the 1983 airborne and ground results, a number of conductive indications were selected for ground examination and discrimination.

At each of these locations, a control grid of baselines and crosslines were cut and/or flagged.

A VLF-EM survey was run over each grid to exactly locate and mark the conductor axes. Geological observations and surface prospecting were carried out over each grid. Soil samples from the "B" horizon were taken at 25 meter intervals.

The soil samples, together with selected rock samples, were analysed for their gold content at the facilities of Assayers (Ontario) in Toronto.

Results of the work were drafted on separate 1/2500 scale plans by William Jamal and Associates, of Willowdale, Ontario.

Each grid is presented on four maps.

VLF-EM Survey

Geological Survey and Rock Samples Locations

Soil Sample Locations

Soil Samples Geochemical Results.

RESULTS AND INTERPRETATION:

GRID 3, 4, 5:

VLF-EM SURVEY:

Two conductor axes were located in the survey area, striking northeast.

One conductor, was found to extend from Line 2E to Line 8W, a distance of one kilometer, still open to the west. The slope of the profiles and the marked increase in horizontal field strength at the west end indicate that this conductor is located near the surface.

A second conductor was traced from Line 1E to Line 8E, with minimum burial on Line 3E.

GEOLOGY:

The grid is largely in basic volcanic rocks, with interflow sediments. Granite intrudes the north portion of the grid, and one gabbro sill was mapped. E.M. conductivity is caused by sulfide mineralization in interflow chert horizons (iron formation).

GEOCHEMICAL RESULTS:

Most of the gold analyses of soils fall within the range of less than 5 to 37 parts per billion. There is no strong correlation between E.M. conductors and elevated gold values. The anomalous value of 104 p.p.b. at 250 south on line 3E occurs near the contact with a gabbro sill.

GRID 7 AND 10:

VLF-EM SURVEY:

A shallow, high amplitude conductor axis was traced for 1725 meters across the grid. A second, more deeply buried conductor axis was located near the southeast corner of the survey area.

GEOLOGY:

The grid covers an area of mafic volcanoes, intruded by small granite and granodiokite bodies. Eighteen rock samples were collected for geochemical analysis.

SAMPLE	DESCRIPTION	GOLD (P.P.B.)
SC-2	Massive Pyrite	22
SC-3	Bedded Iron Formation - 5% Pyrite	22
SC-4	Sugary Quartzite, Minor Biotite	31
SC-5	Hybrid Brecchia, Felsite Intrusive	13
SC-6	Basic Volcanics - 2% Pyrite	<5
SC-7	Basic Volcanic Tuff	<5
SC-10	Rusty Quartz Vein	15
SC-11	Fine Grained Basic Tuff	112
SC-12	Aplite 2% Pyrite	<5
SC-13	Quartz, Biotite Tuff	18
SC-14	Volcanic Tuff, Qtz. Veins	31
SC-15	Chlorite Schist	6
SC-17	Fine Grained Chloritic Tuff	<5
SC-18	Gossan, Heavy Limonite	<5
SC-20	White Quartz Vein	<5
SC-21	Brecciated Basic Tuff - 5% Pyrite	<5
SC-22	Grey Quartzite	<5
SC-23	Quartzite	<5
SC-31	Quartz Diorite	<5

Detailed prospecting showed that the main conductor is due to massive pyrite in siliceous iron formation. The southeast corner conductor does not outcrop.

GEOCHEMICAL RESULTS:

Gold values on the grid range from less than 5 to 48 parts per billion. There is no correlation between geophysical and geochemical results.

GRID 8:

VLF-EM SURVEY:

Five conductor axes were located in by the VLF-EM survey. The strongest of these strikes northeast through "Faulty" Lake.

GEOLOGY:

The outcrop map shows the grid area to be dominantly mafic volcanics cut by north striking diabasic gabbro dykes. Granite outcrops in the southeast corner of the grid, and interflow Felsic Tuffs are present.

Twelve rock samples were collected for Geochemical analysis.

SAMPLE	DESCRIPTION	GOLD (P.P.B.)
FL-1	-	15
FL-4	-	5
FL-5	-	330
FL-8	-	<5
FL-9	-	<5
FL-10	-	<5
FL-11	-	61
FL-12	-	<5
FL-13	-	<5
FL-14	-	20
FL-15	-	10
FL-16	-	5

GEOCHEMICAL RESULTS:

Soil gold values range from less than 5 to 54 parts per billion. There is no correlation between geophysical and geochemical results.

GRID 11 AND 12:

VLF-EM SURVEY:

One conductor strikes northwest across the 500 meter length of the grid. There are also several single line "crossovers"

GEOLOGY:

The grid area is underlain by basic volcanics cut by several felsic intrusives. Six rock samples were selected for gold analyses.

SAMPLE	DESCRIPTION	GOLD (P.P.B.)
SC-25	Chlorite Schist, Quartz Veins	150
SC-26	Chlorite Schist, Quartz Veins	162
SC-27	Hematite, Limonite Gossan	990
SC-28	Thick Bedded Quartzite - 5% Pyrite	368
SC-29	Silicified Quartzite	115
SC-30	Limonite, Quartz in Schist	<5

GEOCHEMICAL RESULTS:

The northwest striking conductor shows coincident elevated gold values on lines 0 and 1E. Higher soil and rock values coincide on Line 3E, 200 to 225 meters south of the baseline.

GRID 13:

VLF-EM SURVEY:

A weak, short conductor extends for 200 meters, 160 meters north of the baseline.

GEOLOGY:

The mapping shows the area to be dominantly granite with an inlier of mafic volcanics.

Seven rock samples were selected for gold analysis.

SAMPLE	DESCRIPTION	GOLD (P.P.B.)
DP-2	Quartz Vein	61
DP-3	Granodiorite	-
DP-4	Gabbro	-
DP-5	Pink Granite	-
DP-9	Granodiorite	102
DP-10	Cherty Magnetite Iron Formation	795
DP-11	Dark Green Gabbro	-

GEOCHEMICAL RESULTS:

The grid area shows a higher background (greater than 20 P.P.B.) gold content, but without any identifiable targets.

GRID 14 AND 15:

VLF-EM SURVEY:

Two conductor axes trend northwest across the grid. Both show increased field strength on certail lines, indicative of current gathering or shallow depth.

GEOLOGY:

The majority of the outcrops mapped on the grid are gabbro,, with large included areas of sediments and mafic volcanics.

One conductor axis follows a gabbro/sediment/volcanic contact. The second follows a gabbro/volcanic contact.

Five rock samples were selected for gold analyses.

SAMPLE	DESCRIPTION	GOLD (P.P.B.)
BH-1	Rusty Diorite	<15
BH-2	Hybrid Diorite	109
BH-3	Thin Bedded Quartzite	<15
BH-4	Quartzite	<15
BHM-5	Quartzite	<15

GEOCHEMICAL RESULTS:

Most of the geochemical analyses fall in the less than 5 to 30 parts per billion range.

Slightly enhanced gold values on Lines 2E and 4E coincide with VLF-EM conductor axes.

GRID 16:

VLF-EM SURVEY:

A conductor axis occurs on Lines 6, 7 and 8, still open to the east. Curve slopes and field strengths suggest a shallow depth.

GEOLOGY:

Only two outcrops were noted on the grid, one of volcanics, the other of sediments.

Three samples were selected for rock geochemical analysis.

SAMPLE	DESCRIPTION	GOLD (P.P.B.)
DP-6	Quartz	84
DP-7	Quartz vein in sediments 3% layered pyrrmotite	430
DP-8	Quartz vein with pyrite	51

GEOCHEMICAL RESULTS:

The samples from this grid showed a high background in gold content, ranging to 50 parts per billion.

GRID 17

VLF-EM SURVEY:

Two conductor axes with a northwest strike were located. One of these extends for 600 meters, still open.

GEOLOGY:

The grid area is dominantly underlain by gabbro, with diokitic phases, intruding volcanics with some sediments.

Four samples were selected for gold analysis.

SAMPLE	DESCRIPTION	GOLD (P.P.B.)
C-1	Coarse gabbro, 1% pyrite	<15
C-2	Silicified rhyolite, 5% pyrite	<15
C-3	Sugary Quartzite, Limonite	<15
C-4	Quartzite	229

GEOCHEMICAL RESULTS:

The soil samples from this grid showed a higher background, ranging from 5 to 50 parts per billion. Elevated values occur in the vicinity of the conductor axis on line C4W.

GRID 20

VLF-EM SURVEY:

A shallow, folded conductor, possibly disjointed, can be traced northwest across the grid.

GEOLOGY:

The conductor axis occurs in a narrow band of volcanics and sediments flanked by granitic intrusives. The conductor appears to be the response to sulfide iron formation.

Three samples were selected for gold determination.

SAMPLE	DESCRIPTION	GOLD (P.P.B.)
DP-12	-	102
DP-13	-	41
DP-14	-	297

GEOCHEMICAL RESULTS:

The background range of gold increases from 5 to 21 parts per billion over granite to 8 to 32 parts per billion over the greenstone area.

On line 13, a single 77 part per billion sample coincides with a VLF-EM conductor axis.

RECOMMENDATIONS:

A number of short diamond drill holes are recommended.

Grid 3, 4, 5 - No holes recommended

Grid 7 and 10 - No holes recommended

Grid 8 - Collar at 4W - 15 meters north
Drill 530°E at 45° for 300 feet to test coincident rock assay and VLF conductor.

Grid 11 and 12 - Collar claim line - 200 meters south.
- Drill 530°W at 45° for 250 feet to test gold-bearing limonite zone with coincident soil geochemical anomaly.
- Collar at 120E - 135 meters north of baseline.
Drill 530°W at 45° for 250 feet to test coincident EM anomaly

Grid 13 - Collar at 200N on Line 9.
Drill south at 45° for 250 feet to test EM target with high rock sample gold content.

Grid 14 and 15 - Collar at 420E - 220 meters north.
Drill 530°W at 45° for 250 feet to test coincident EM and soil anomaly.

Grid 16 - Collar at Line 5 - 15 meters south.
Drill south at 45° for 200 feet to test coincident EM and soil anomaly.
- Collar at Line 7 - 75 meters south.
Drill south at 45° for 250 feet to test coincident EM anomaly with higher gold content in bedrock.

Grid 17 - Collar at Line C4W - 30 meters south of claim line.
Drill 530°W at 45° for 250 feet to test EM anomaly with soil gold values.

Grid 20 - Collar at 100NE on Line 13.
Drill south at 45° for 250 feet to test sulfide iron formation with elevated gold content in bedrock and soils.

TOTAL FOOTAGE RECOMMENDED - 2250 FEET.

FENTON SCOTT, P. ENG.

Ontario Minis Nortl and

chemical

900

File

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

146 & 147

Type of Survey(s) VLF-EM, GEOLOGICAL, GEOCHEMICAL
Township or Area PUKASKWA RIVER.
Claim Holder(s) R. BRIAN MURRAY

Survey Company FENTON SCOTT MANAGEMENT.
Author of Report FENTON SCOTT
Address of Author 17 MALABAR PLACE DON MILLS ONT
Covering Dates of Survey JUNE 1/86 TO OCT 1/86.
(linecutting to office)
Total Miles of Line Cut 31 KM

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

DAYS per claim

Geophysical
--Electromagnetic
--Magnetometer
--Radiometric
--Other
Geological
Geochemical

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)
Magnetometer Electromagnetic Radiometric
(enter days per claim)

DATE: Dec 23/86. SIGNATURE: Fenton Scott
Author of Report or Agent

Res. Geol. Qualifications 631263

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

SSM 691647
(prefix) (number)

RECEIVED
DEC 23 1986
MINING LANDS SECTION

TOTAL CLAIMS 66.

If space insufficient, attach list

OFFICE USE ONLY

837 (85/12)

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

Number of Stations 1040 Number of Readings 1040

Station interval 25 meters Line spacing 100 meters

Profile scale 1 cm = 10°

Contour interval

MAGNETIC

Instrument

Accuracy – Scale constant

Diurnal correction method

Base Station check-in interval (hours)

Base Station location and value

ELECTROMAGNETIC

Instrument PHOENIX VLF-EM

Coil configuration VERTICAL

Coil separation INFINITY

Accuracy 10

Method: ☒ Fixed transmitter ☐ Shoot back ☐ In line ☐ Parallel line

Frequency CUTLER 24.0 AND SEATTLE 24.8
(specify V.L.F. station)

Parameters measured DIP ANGLES AND RELATIVE HORIZONTAL FIELD STRENGTH

GRAVITY

Instrument

Scale constant

Corrections made

Base station value and location

Elevation accuracy

INDUCED POLARIZATION RESISTIVITY

Instrument

Method ☐ Time Domain ☐ Frequency Domain

Parameters – On time Frequency

– Off time Range

– Delay time

– Integration time

Power

Electrode array

Electrode spacing

Type of electrode

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

_____

Corrections made _____

_____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth – include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

_____

Additional information (for understanding results) _____

_____

_____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

_____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken 681647 – 681758 (LIST ATTACHED.)

Total Number of Samples 1283.

Type of Sample B HORIZON SOILS
(Nature of Material)

Average Sample Weight 20 grams.

Method of Collection GRUBHOE

Soil Horizon Sampled B.

Horizon Development PODZOL

Sample Depth 6" = 18"

Terrain HILLY, ROUGH

Drainage Development IMMATURE

Estimated Range of Overburden Thickness 0 – 40'

SAMPLE PREPARATION
(Includes drying, screening, ~~crushing~~, sorting)

Mesh size of fraction used for analysis – 80 mesh.

General DRIED AND SCREENED ONLY

ANALYTICAL METHODS

Values expressed in: per cent ☐
p. p. m. ☐
p. p. b. ☒

Cu, Pb, Zn, Ni, ~~Co~~, Ag, Mo, As,-(circle)

Others Au

Field Analysis (_____ tests)
Extraction Method _____
Analytical Method _____
Reagents Used _____

Field Laboratory Analysis
No. (_____ tests)
Extraction Method _____
Analytical Method _____
Reagents Used _____

Commercial Laboratory (ALL. tests)
Name of Laboratory ASSAYERS CANADA LTD.
Extraction Method FIRE ASSAY
Analytical Method AA
Reagents Used AQUA REGIA EXT.

General _____

Ontario Ministry of Northern Development and Mines

Work Credits

2.9668

Date: May 13, 1987

Mining Recorder's Report of Work No.: 146

AMENDED

Recorded Holder: R. BRIAN MURRAY

Township or Area: PUKASKWA RIVER AREA

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	SSM 691647 - 48
Electromagnetic 15 days	691652 - 53
Magnetometer ____ days	691656 - 57
Radiometric ____ days	691661
Induced polarization ____ days	691663 to 66 inclusive
Other ____ days	691668 - 69
Section 77 (19) See "Mining Claims Assessed" column	691678 to 81 inclusive
Geological 15 days	691696
Geochemical 28 days	691702 to 05 inclusive
Man days ☐ Airborne ☐	691707 - 08
Special provision ☒ Ground ☒	691761
☒ Credits have been reduced because of partial coverage of claims.	691771
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	691775
	691779 - 80
	691789 to 91 inclusive
	691796 - 97
	708429
	708431
	691758

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

☒ not sufficiently covered by the survey ☐ insufficient technical data filed

SSM 691660
691694 - 95
691697
691772
691778
708432

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.

Ministry of Northern Development and Mines

Ontario

Technical Assessment Work Credits

AMENDED

File 2.9668

Date May 13, 1987

Mining Recorder's Report of Work No. 147

Recorded Holder: R. BRIAN MURRAY

Township or Area: PUKASKWA RIVER AREA

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days ☐ Airborne ☐ Special provision ☐ Ground ☐ ☐ Credits have been reduced because of partial coverage of claims. ☐ Credits have been reduced because of corrections to work dates and figures of applicant.	$13,327.00 SPENT ON ANALYSES OF SAMPLES TAKEN FROM MINING CLAIMS: SSM 691647-48 691652-53 691656-57 691661 691663 to 66 inclusive 691668-69 691678 to 81 inclusive 691696 691702 to 05 inclusive 691707-08 691761 691771 691775 691779-80 691789 to 91 inclusive 691796-97 708429 708431 691758 888 ASSESSMENT WORK DAYS ARE ALLOWED WHICH MAY BE GROUPED IN ACCORDANCE WITH SECTION 76(6) OF THE MINING ACT.

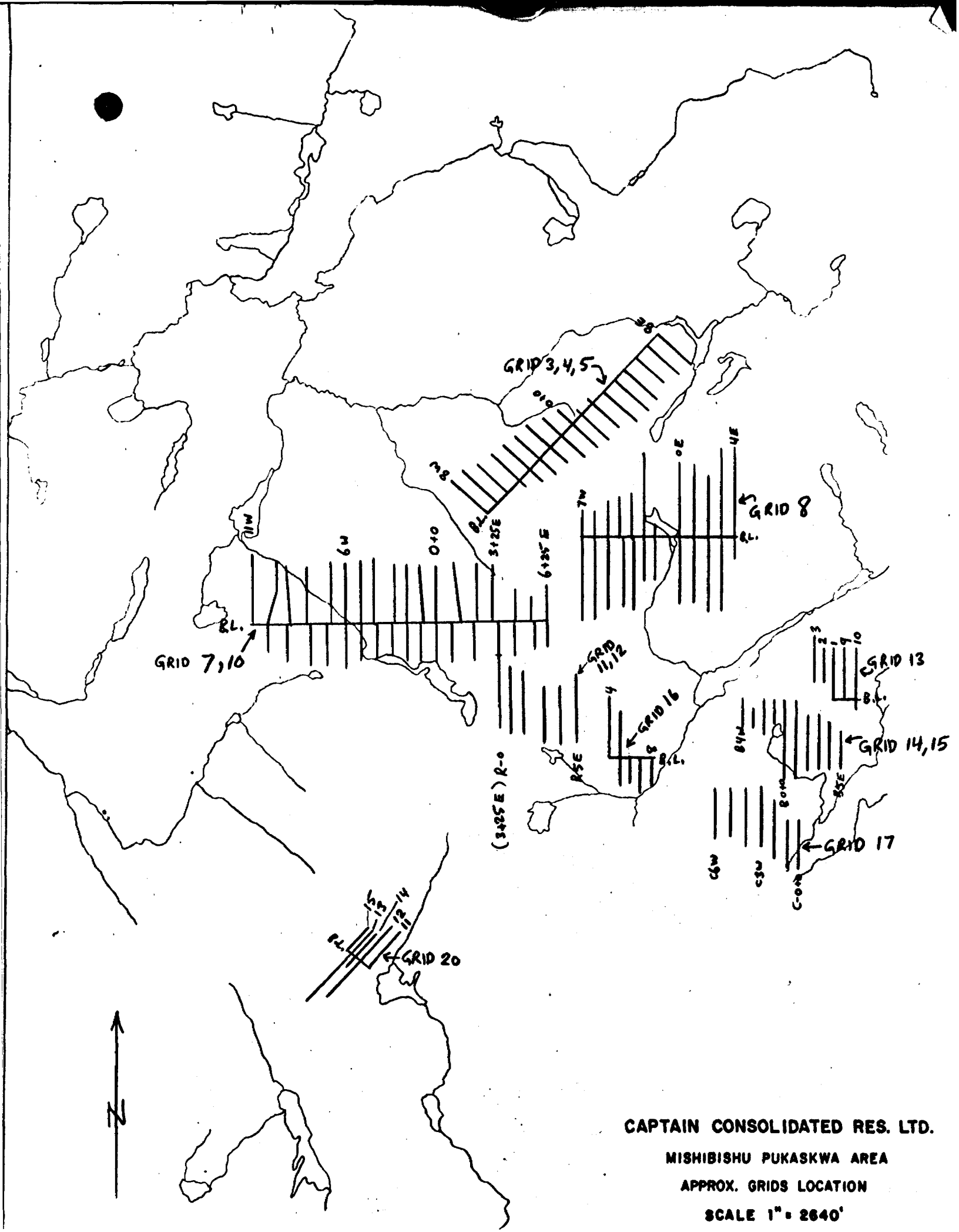
Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

828 (85/12)



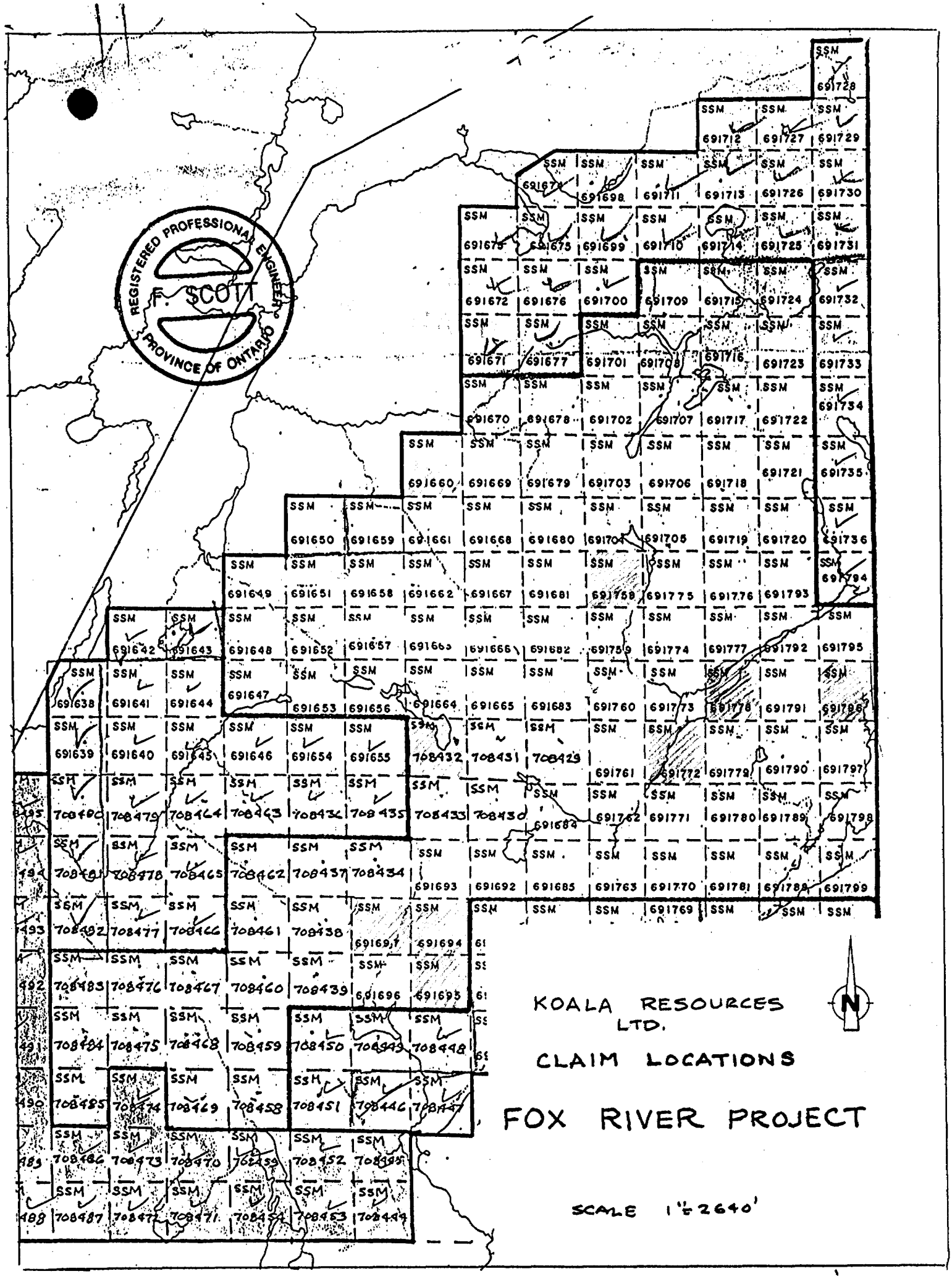
CAPTAIN CONSOLIDATED RES. LTD.

MISHIBISHU PUKASKWA AREA

APPROX. GRIDS LOCATION

SCALE 1" = 2640'

J 1576


REGISTERED PROFESSIONAL ENGINEER
F. SCOTT
PROVINCE OF ONTARIO
KOALA RESOURCES LTD.
CLAIM LOCATIONS
FOX RIVER PROJECT
SCALE 1"=2640'
N

June 2, 1987

Your File Nos.146 & 147
Our File 2.9668

Mining Recorder
Ministry of Northern Development and Mines
875 Queen Street East
Box 669
Sault Ste. Marie, Ontario
P6A 2B3

Dear Madam:

RE: Notice of Intent dated May 13, 1987
Data for Assaying and Geophysical (Electromagnetic), Geological and Geochemical Surveys on Mining Claims SSM 691647, et al, in the Pukaskwa River Area

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The assessment work credits, as listed with the above-mentioned Notice of Intent, have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours sincerely,

Gary L. Weatherson, Manager
Mining Lands Section
Mineral Development and Lands Branch
Mines and Minerals Division

Whitney Block, Room 6610
Queen's Park
Toronto, Ontario
M7A 1W3

Telephone: (416) 965-4888

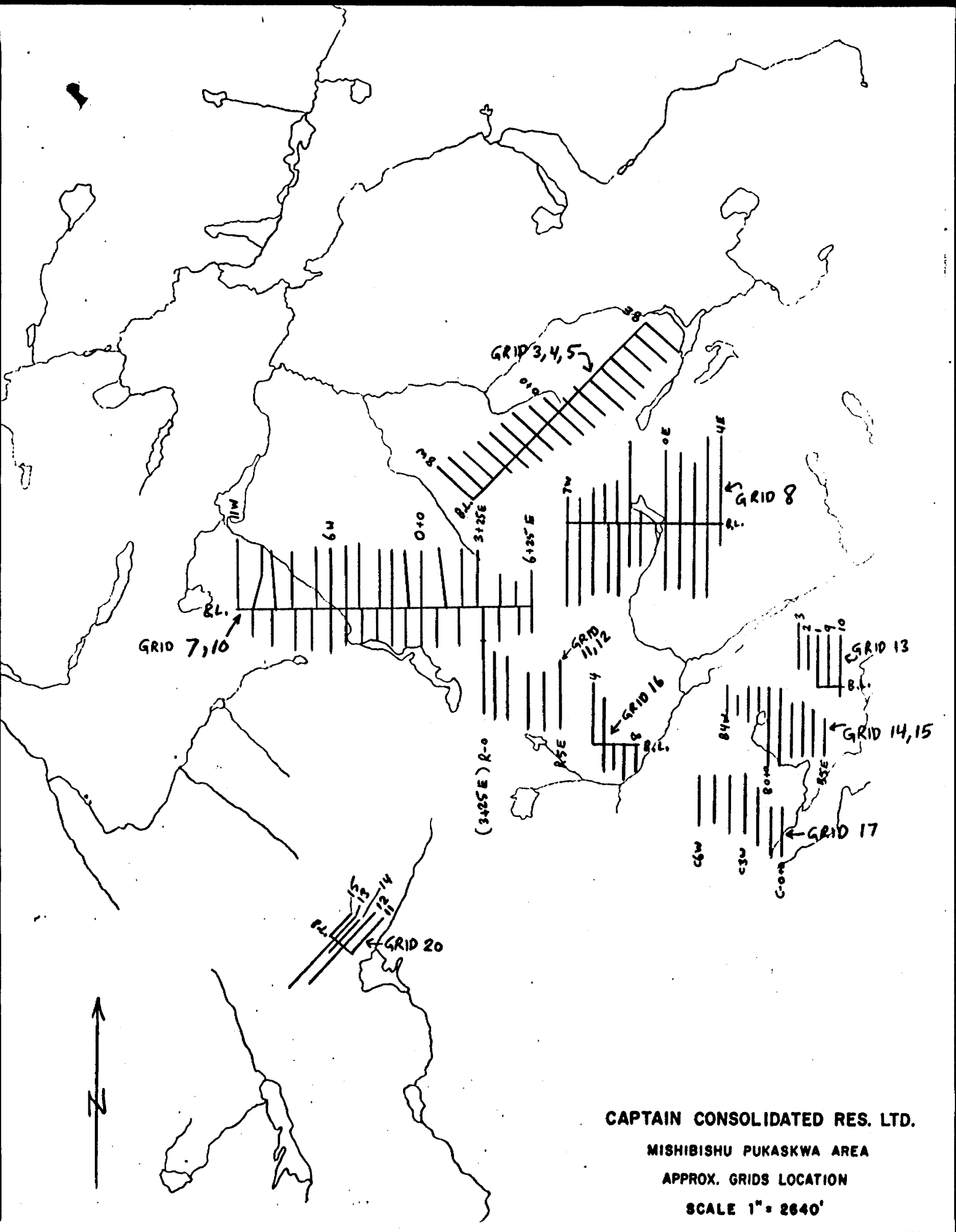
DK/mc
cc: R. Brian Murray
Suite 401
250 Dundas Street West
Toronto, Ontario
M5T 2Z5

Fenton Scott
17 Malabar Place
Don Mills, Ontario
M3B 1A4

Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

Resident Geologist
Sault Ste. Marie, Ontario

Encl.



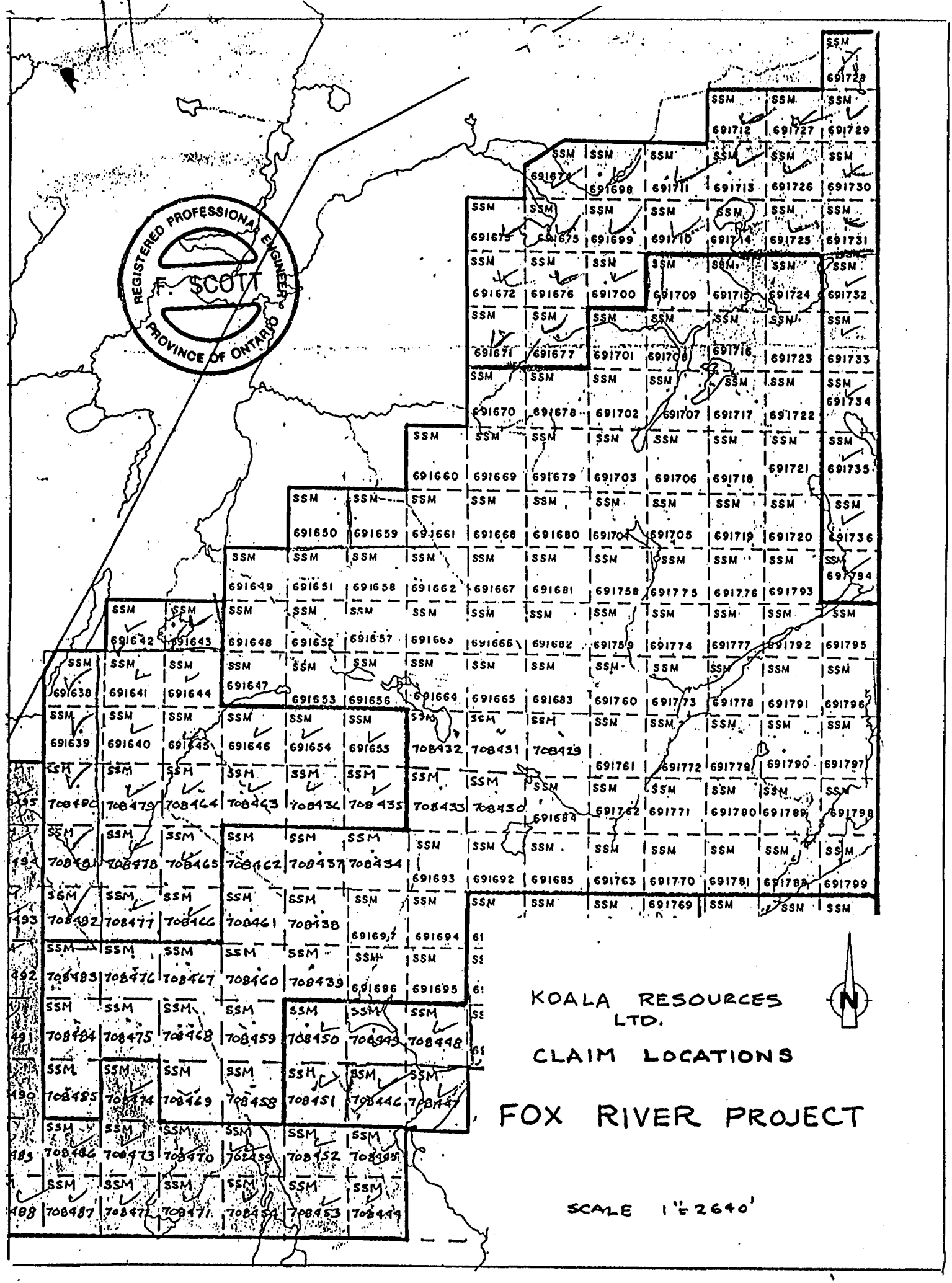
CAPTAIN CONSOLIDATED RES. LTD.

MISHIBISHU PUKASKWA AREA

APPROX. GRIDS LOCATION

SCALE 1" = 2640'

J 1576


REGISTERED PROFESSIONAL ENGINEER
F. SCOTT
PROVINCE OF ONTARIO
KOALA RESOURCES LTD.
CLAIM LOCATIONS
FOX RIVER PROJECT
SCALE 1"=2640'
N

2.9668

	E.M.	Geol.	Geochem.		E.M.	Geol.	Geochem.
SSM.-691647	~1/2	1/4	>1/4	691702	✓	✓	~1/4
48	✓	✓	~1/4	03	3/4	3/4	3/4
691652	✓	✓	✓	04	✓	✓	✓
53	~1/4	1/4	1/4	05	✓	✓	1/4
691656	1/4	>1/4	>1/4	691707	3/4	3/4	3/4
57	✓	✓	✓	08	3/4	3/4	3/4
691660	0	0	0	691761	3/4	3/4	3/4
61	3/4	3/4	3/4	691771	3/4	3/4	3/4
691663	✓	✓	✓	72	0	0	0
64	1/4	>1/4	1/4	691775	✓	✓	1/4
65	✓	✓	✓	691778	0	0	0
66	✓	✓	✓	79	~1/4	~1/4	~3/4
691668	1/2	1/4	3/4	80	~1/2	>1/4	~3/4
69	>1/4	1/4	1/2	691789	>1/2	>1/2	3/4
691678	3/4	3/4	3/4	90	✓	✓	1/2
79	~✓	✓	1/2	91	~1/2	1/4	~1/2
80	3/4	3/4	3/4	691796	1/2	1/2	1/2
81	1/2	1/2	>1/2	97	3/4	1/4	3/4
691694	0	0	0	7084429	3/4	>1/4	~1/2
95	0	0	0	7084431	1/4	1/4	1/4
96	3/4	3/4	3/4	32	0	0	0
97	0	0	0	691758	✓	✓	✓
	22 1/4	21/4	26/4		31 1/4	25 1/4	38/4

PRORATE E.M.
$(20 \times 37) \div (37 + 5\frac{3}{4}) =$
$= 14.73 \Rightarrow 15$ days.

PRORATE GEOL.
$(20 \times 37) \div (37 + 4\frac{6}{4}) =$
$= 15.26 \Rightarrow 15$ days.

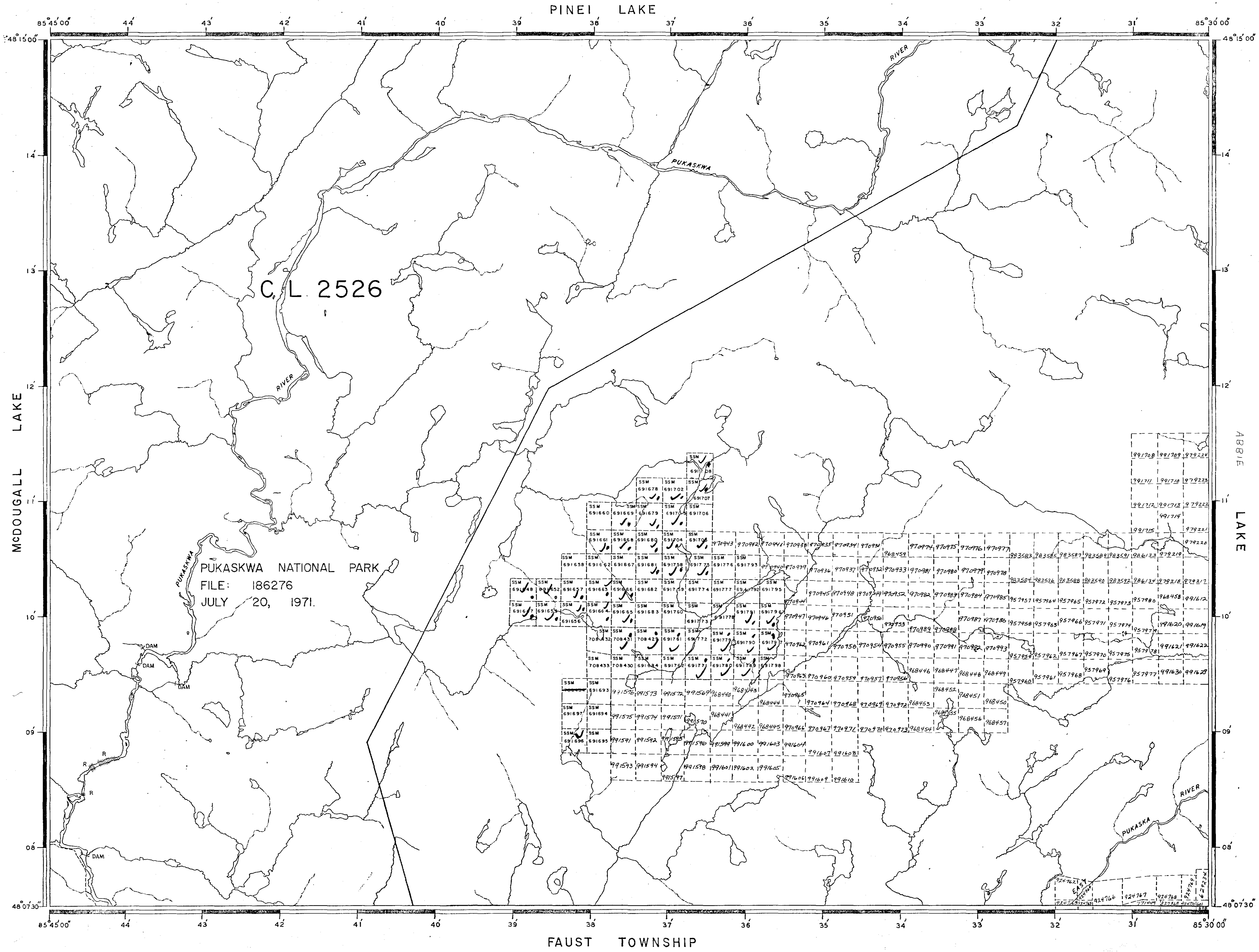
PRORATE GEOCHEM.
$(40 \times 37) \div (37 + 6\frac{4}{4}) =$
$= 27.92 \Rightarrow 28$ days.

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M.+ S. – MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File



DATE OF ISSUE
MAY - 8 1987
SAULT STE MARIE MINING RECORDER'S OFFICE

42C04NE0013 2.9668 PUKASKWA RIVER

200

LEGEND

HIGHWAY AND ROUTE No
OTHER ROADS
TRAILS
SURVEYED LINES:
TOWNSHIPS, BASE LINES, ETC.
LOTS, MINING CLAIMS, PARCELS, ETC.
UNSURVEYED LINES
LOT LINES
PARCEL BOUNDARY
MINING CLAIMS ETC
RAILWAY AND RIGHT OF WAY
UTILITY LINES
NON PERENNIAL STREAM
FLOODING OR FLOODING RIGHTS
SUBDIVISION OR COMPOSITE PLAN
RESERVATIONS
ORIGINAL SHORELINE
MARSH OR MUSKEG
MINES
TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" , SURFACE RIGHTS ONLY	◓
" , MINING RIGHTS ONLY	◒
LEASE, SURFACE & MINING RIGHTS	■
" , SURFACE RIGHTS ONLY	⬒
" , MINING RIGHTS ONLY	⬓
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	Ⓡ
CANCELLED	⊗
SAND & GRAVEL	Ⓢ

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970 CHAP. 380, SEC. 63, SUBSEC. 1.

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000
METRES 0 200 1000 (1 KM) 2000 (2 KM)

AREA

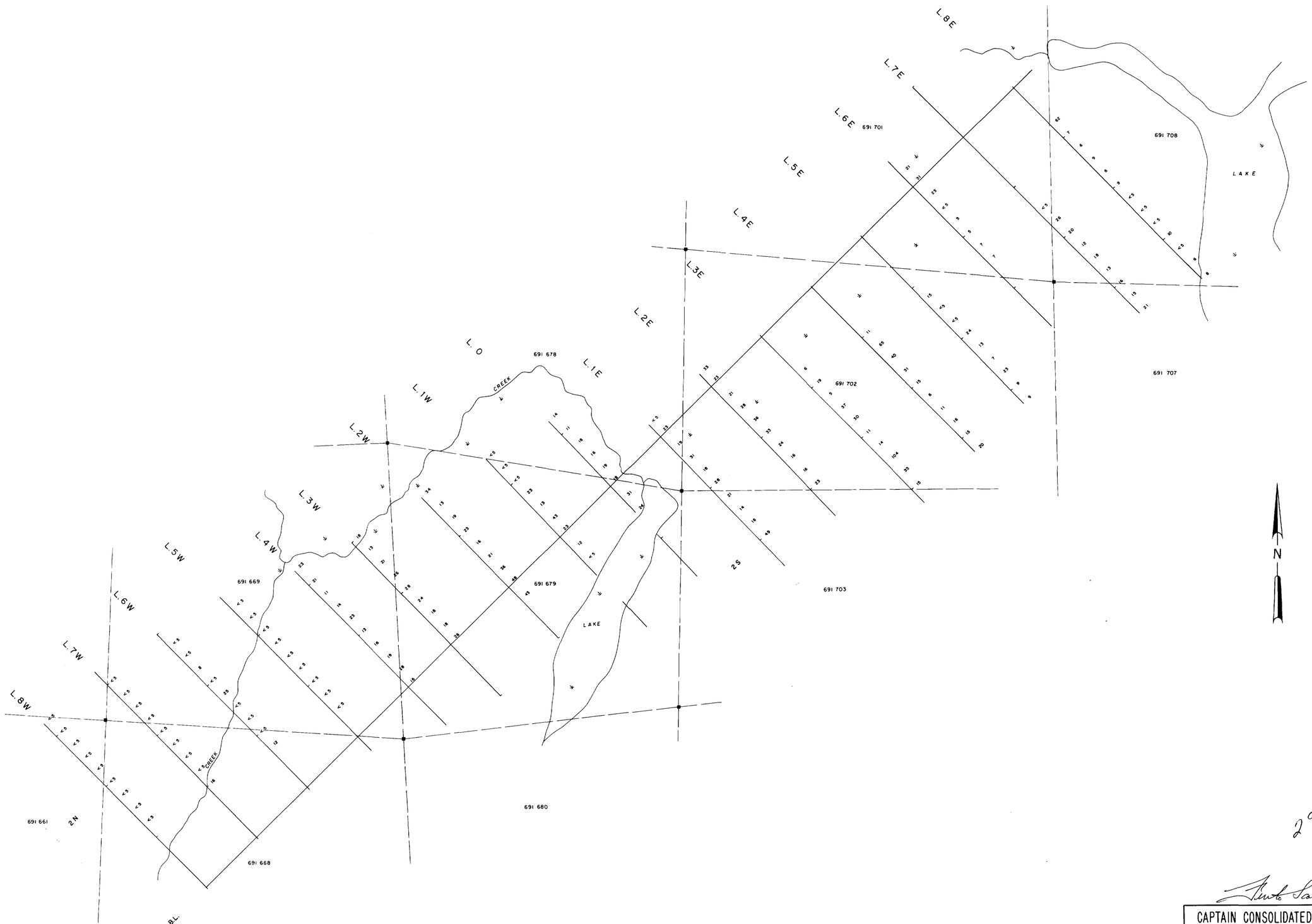
PUKASKWA RIVER

M.N.R. ADMINISTRATIVE DISTRICT
WAWA
MINING DIVISION
SAULT STE. MARIE
LAND TITLES / REGISTRY DIVISION
ALGOMA

Ministry of Natural Resources — Ministry of Northern Development and Mines
Ontario

Date: FEBRUARY, 1987

Number: G-3779

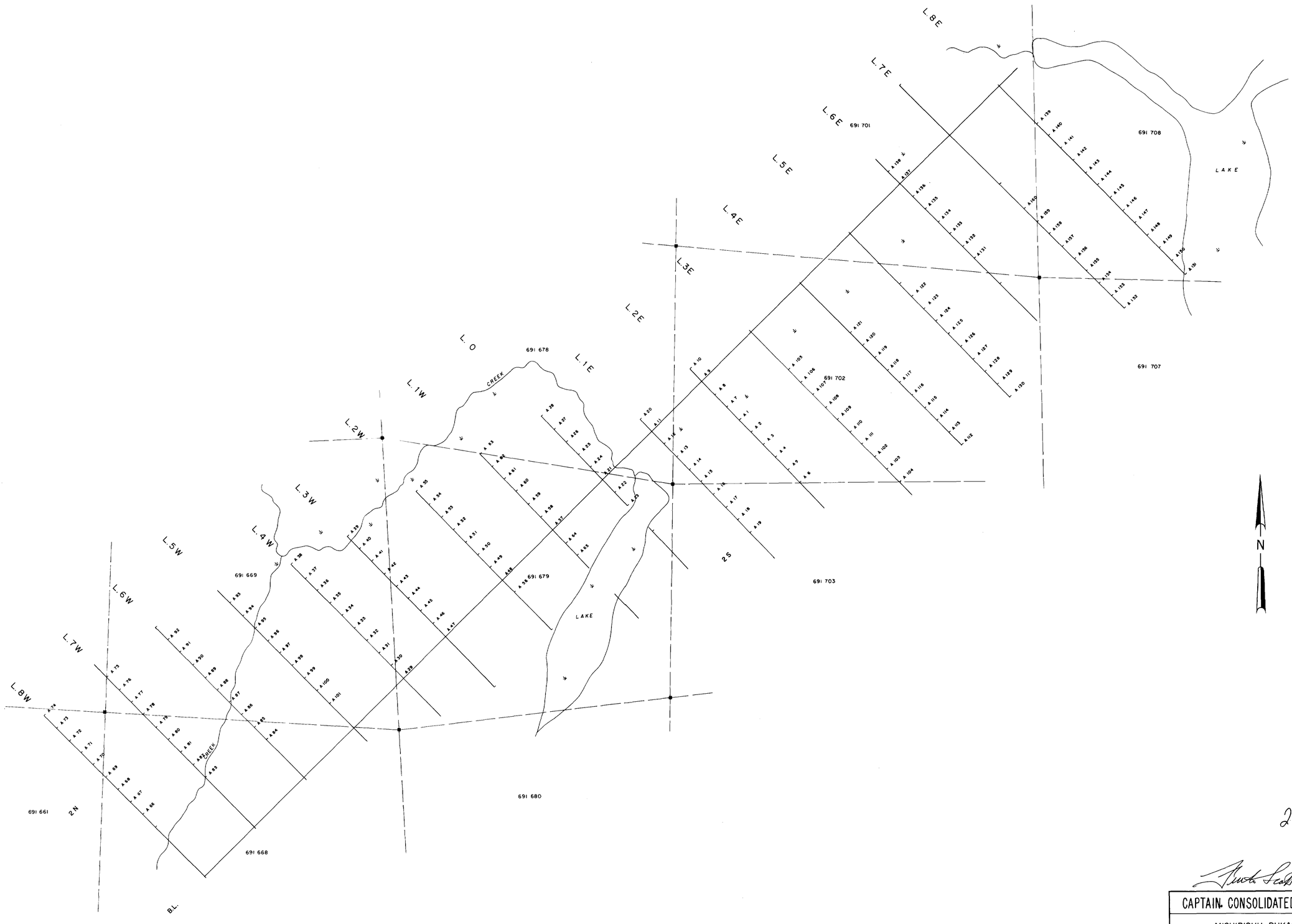


29668

Stuart Scott

CAPTAIN CONSOLIDATED RESOURCES LTD.	
MISHIBISHU PUKASKWA AREA	
SOIL GEOCHEMICAL SURVEY GOLD VALUES IN (ppb) GRID 3, 4, 5	
SCALE 1:2500	PLATE 2

J-1576



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MISHIBISHU PUKASKWA AREA

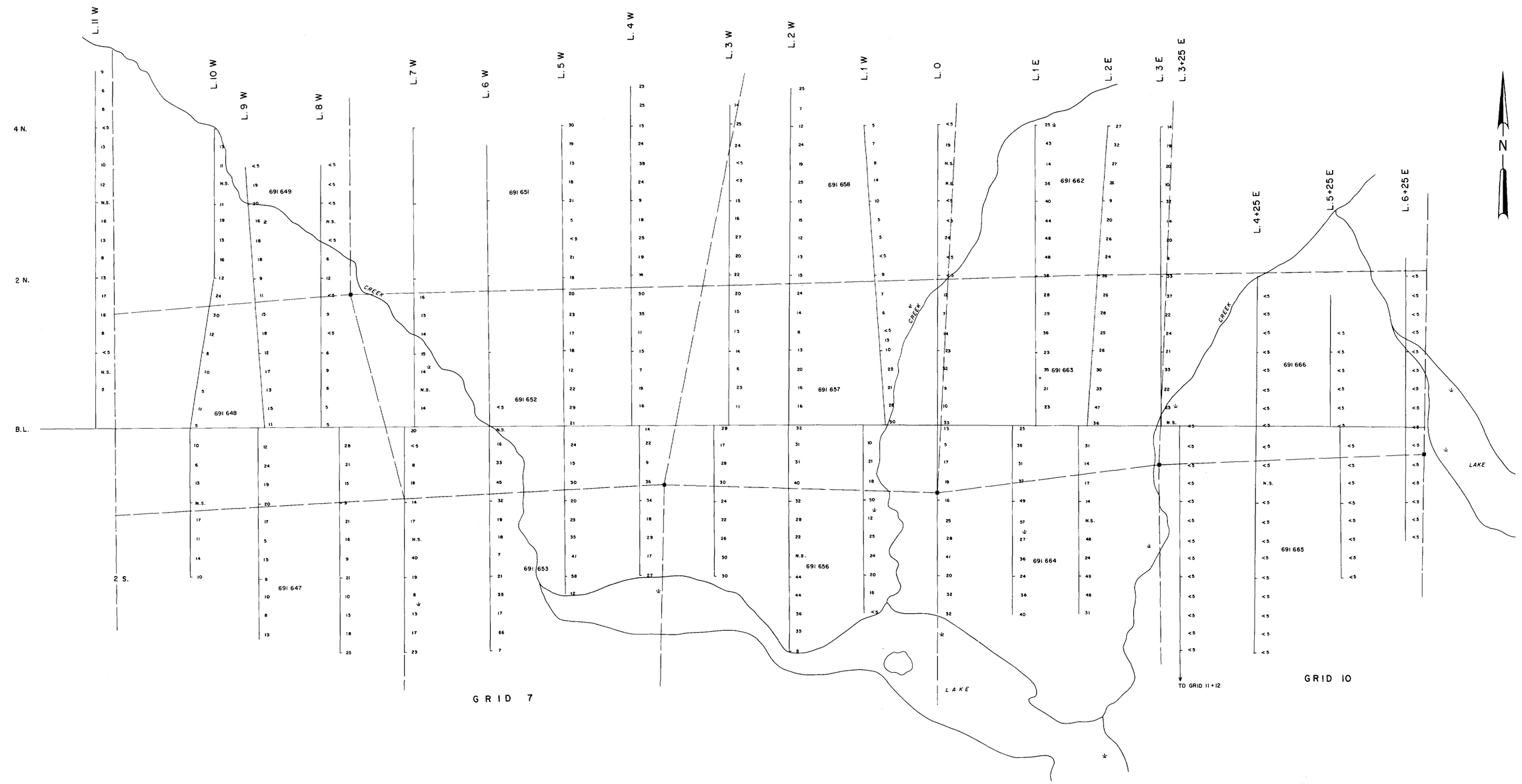
SOIL GEOCHEMICAL SURVEY

SAMPLE LOCATION

GRID 3, 4, 5

SCALE 1:2500 | PLATE 3

J-1576



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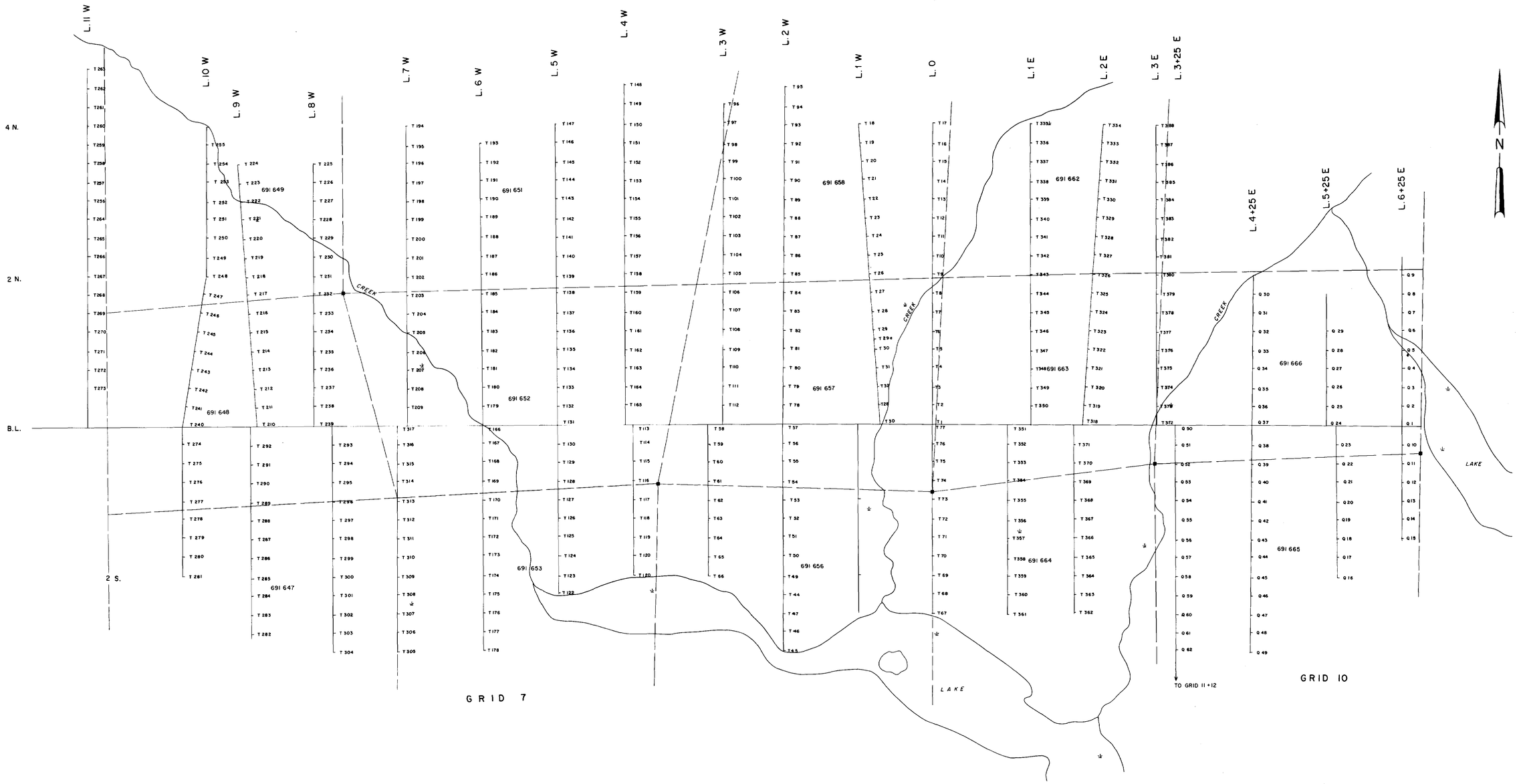
CAPTAIN CONSOLIDATED RESOURCES LTD.

MISHIBISHU PUKASKWA AREA

SOIL GEOCHEMICAL SURVEY
GOLD VALUES IN (ppb)
GRID 7 and 10

SCALE 1:2500 | PLATE 2

J-1578



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MISHIBISHU PUKASKWA AREA

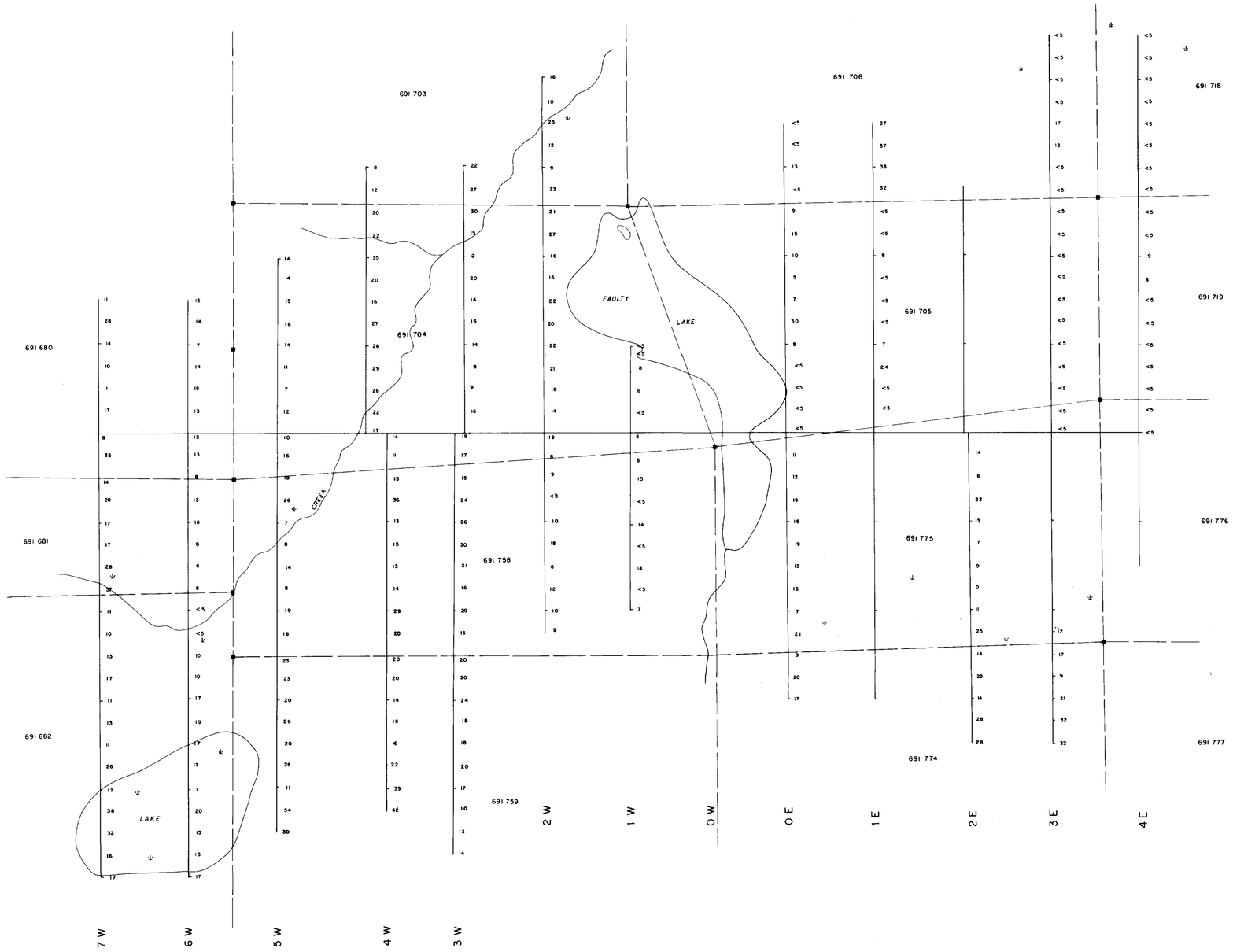
SOIL GEOCHEMICAL SURVEY
SAMPLE LOCATION
GRID 7 and 10

SCALE 1:2500 | PLATE 3

42C04NE0013 2.9668 PUKASKWA RIVER

240

J-1978



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MISHIBISHU PUKASKWA AREA

SOIL GEOCHEMICAL SURVEY

GOLD VALUES IN (ppb)

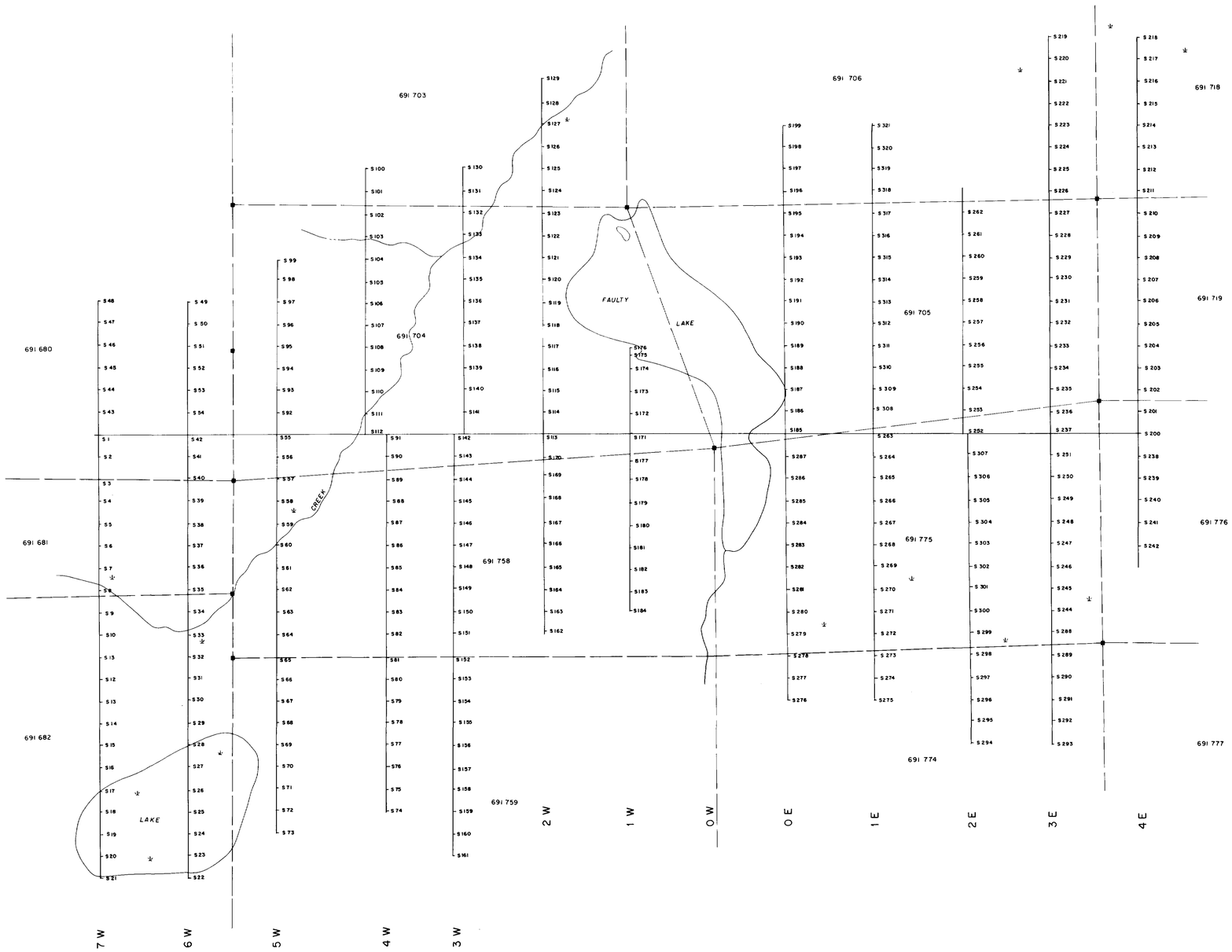
GRID 8

SCALE 1:2500 | PLATE 2

42O4NE0013 2.9668 PUKASKWA RIVER

250

J-1576



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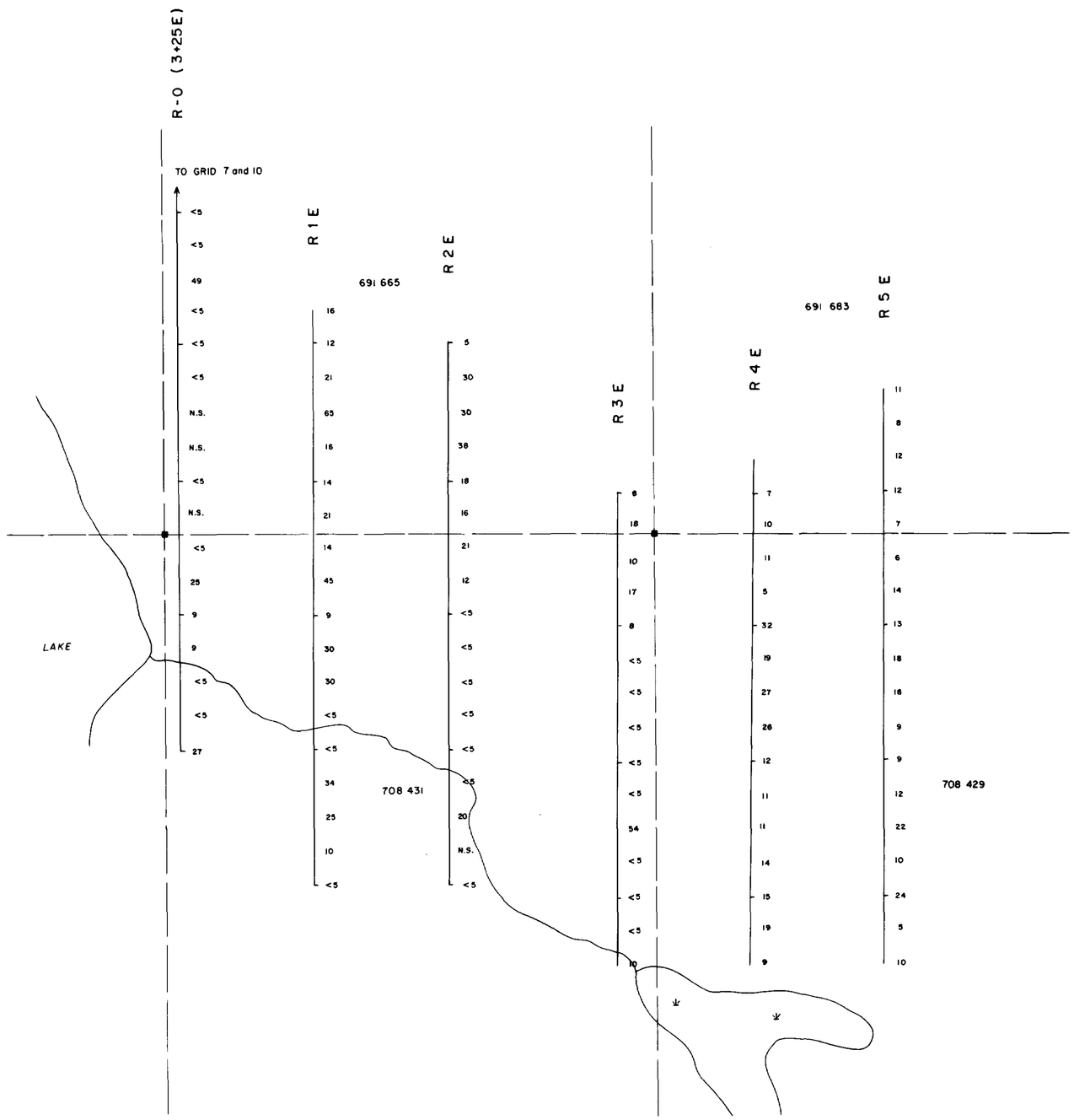
MISHIBISHU PUKASKWA AREA

SOIL GEOCHEMICAL SURVEY
SAMPLE LOCATION
GRID 8

SCALE 1:2500 | PLATE 3

42C/04NE0013 2.9668 PUKASKWA RIVER

J-1576



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MISHIBISHU PUKASKWA AREA

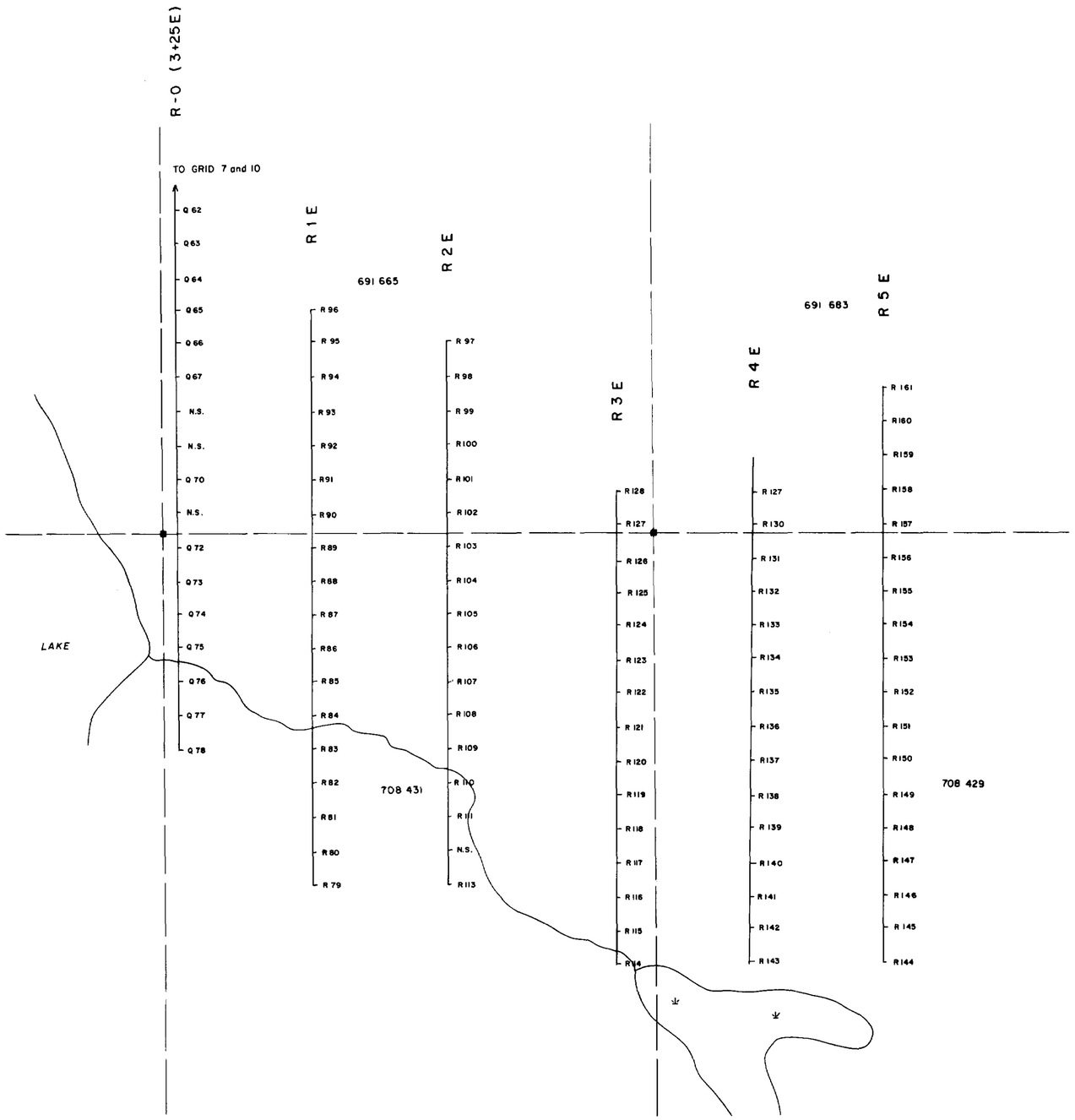
SOIL GEOCHEMICAL SURVEY

GOLD, VALUES IN (ppb)

GRID 11 and 12

SCALE 1:2500 | PLATE 2

J-1576



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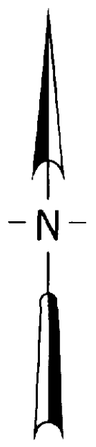
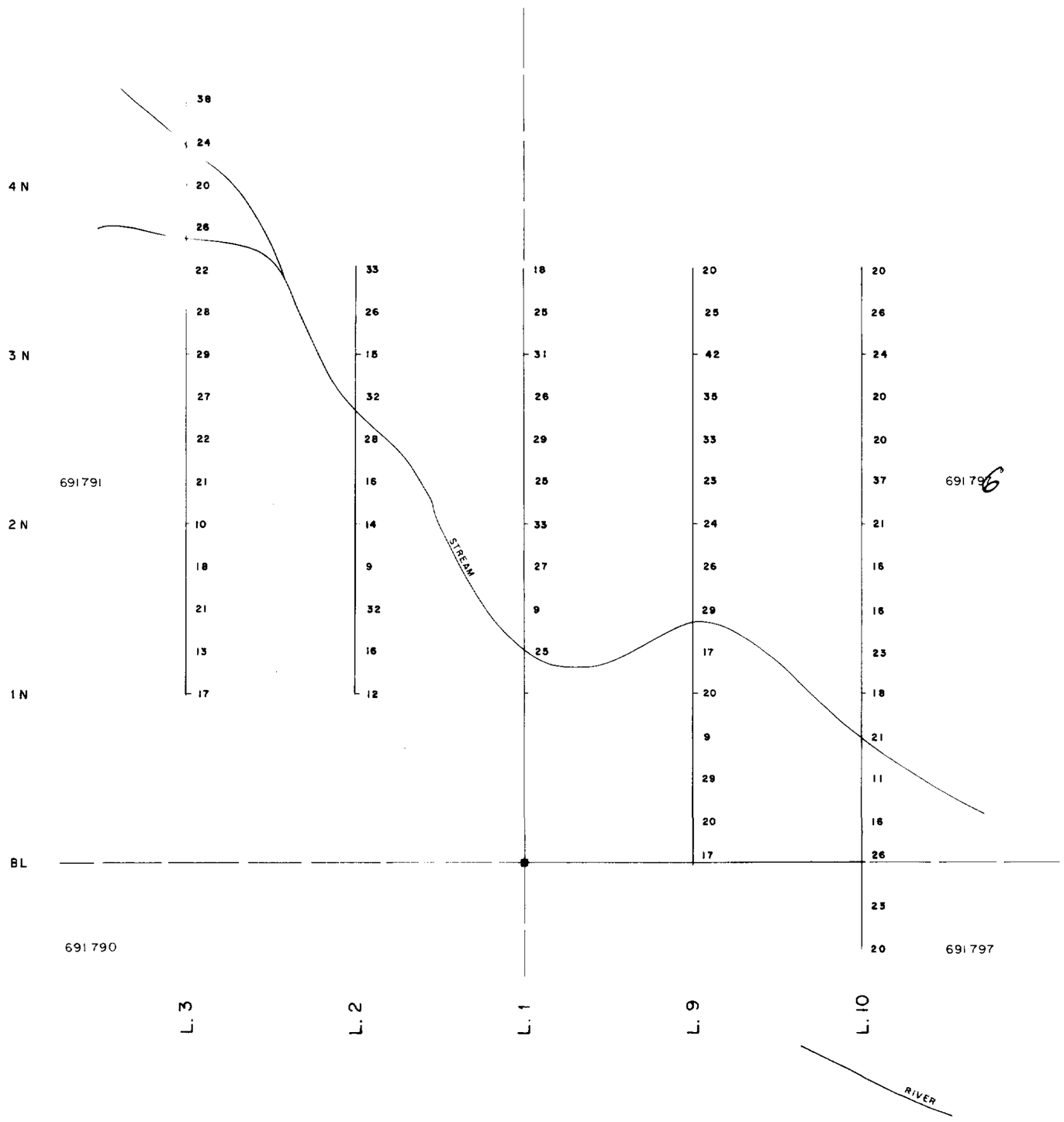
MISHIBISHU PUKASKWA AREA

SOIL GEOCHEMICAL SURVEY
SAMPLE LOCATION
GRID 11 and 12

SCALE 1:2500 | PLATE 3

J-1576





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MISHIBISHU PUKASKWA AREA

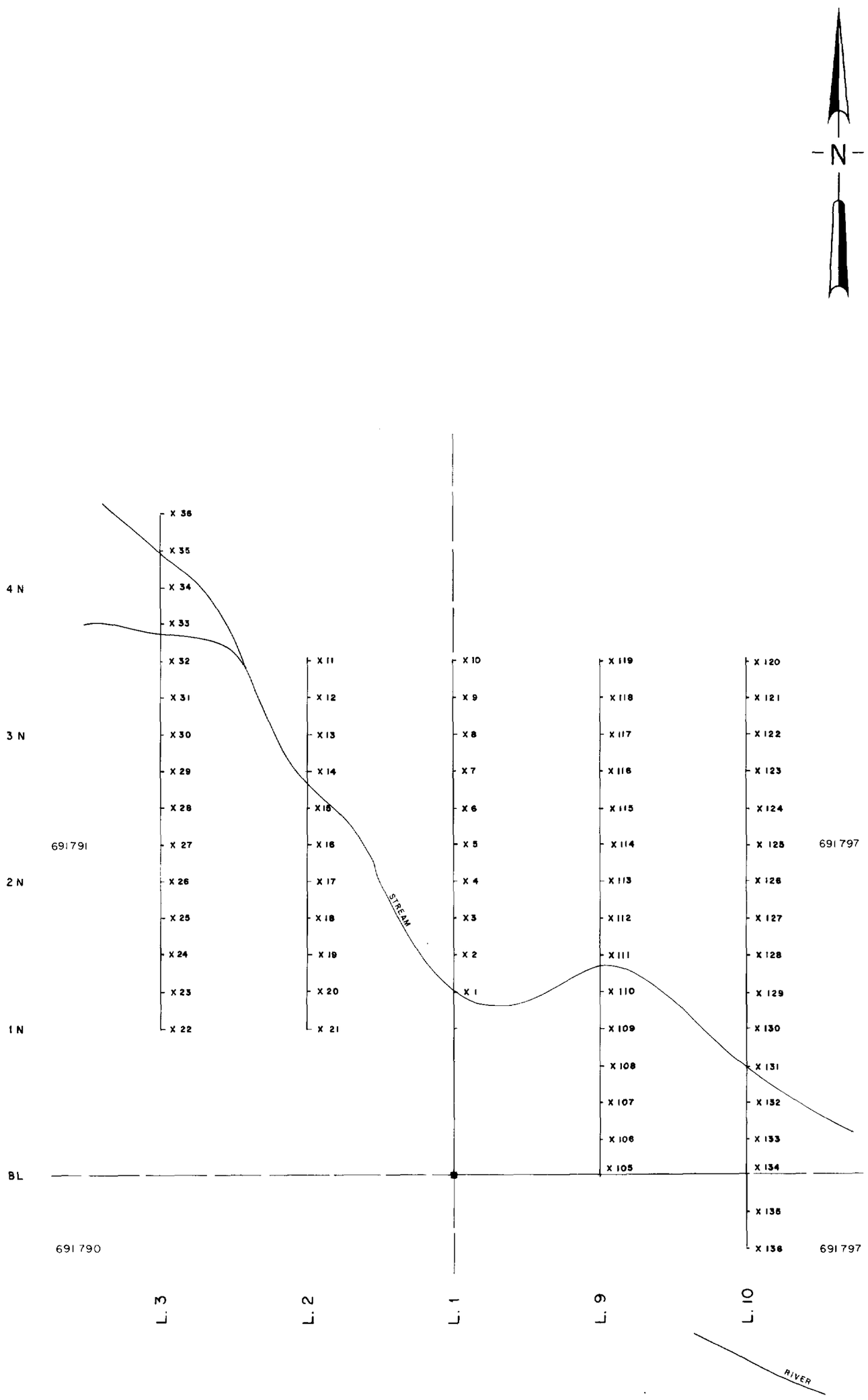
SOIL GEOCHEMICAL SURVEY

GOLD VALUES IN (ppb)

GRID 13

SCALE 1:2500 | PLATE 2

J-1576



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MISHIBISHU PUKASKWA AREA

SOIL GEOCHEMICAL SURVEY

SAMPLE LOCATION

GRID 13

SCALE 1:2500	PLATE 3

J-1576

B4W B3W B2W B1W B-0 B1E B2E B3E B4E B5E

N

691 779 691 780 691 790 691 789 691 797 691 798

POND

STONEY CREEK

2.9668

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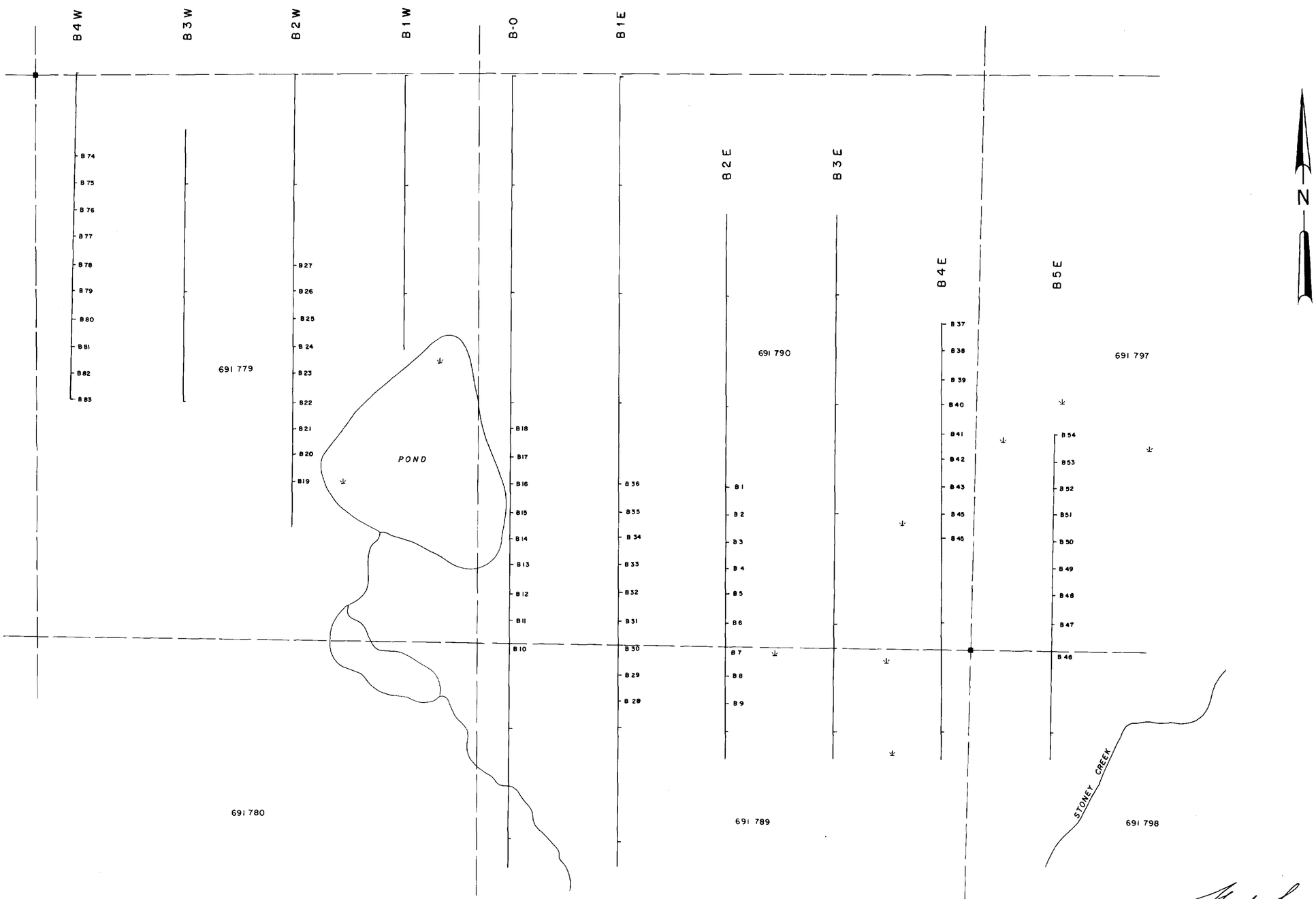
MISHIBISHU PUKASKWA AREA

SOIL GEOCHEMICAL SURVEY
GOLD VALUES IN (ppb)
GRID 14 and 15

SCALE 1:2500 | PLATE 2

J-1576

42C04NE0013 2.9668 PUKASKWA RIVER



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MISHIBISHU PUKASKWA AREA

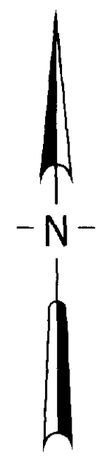
SOIL GEOCHEMICAL SURVEY

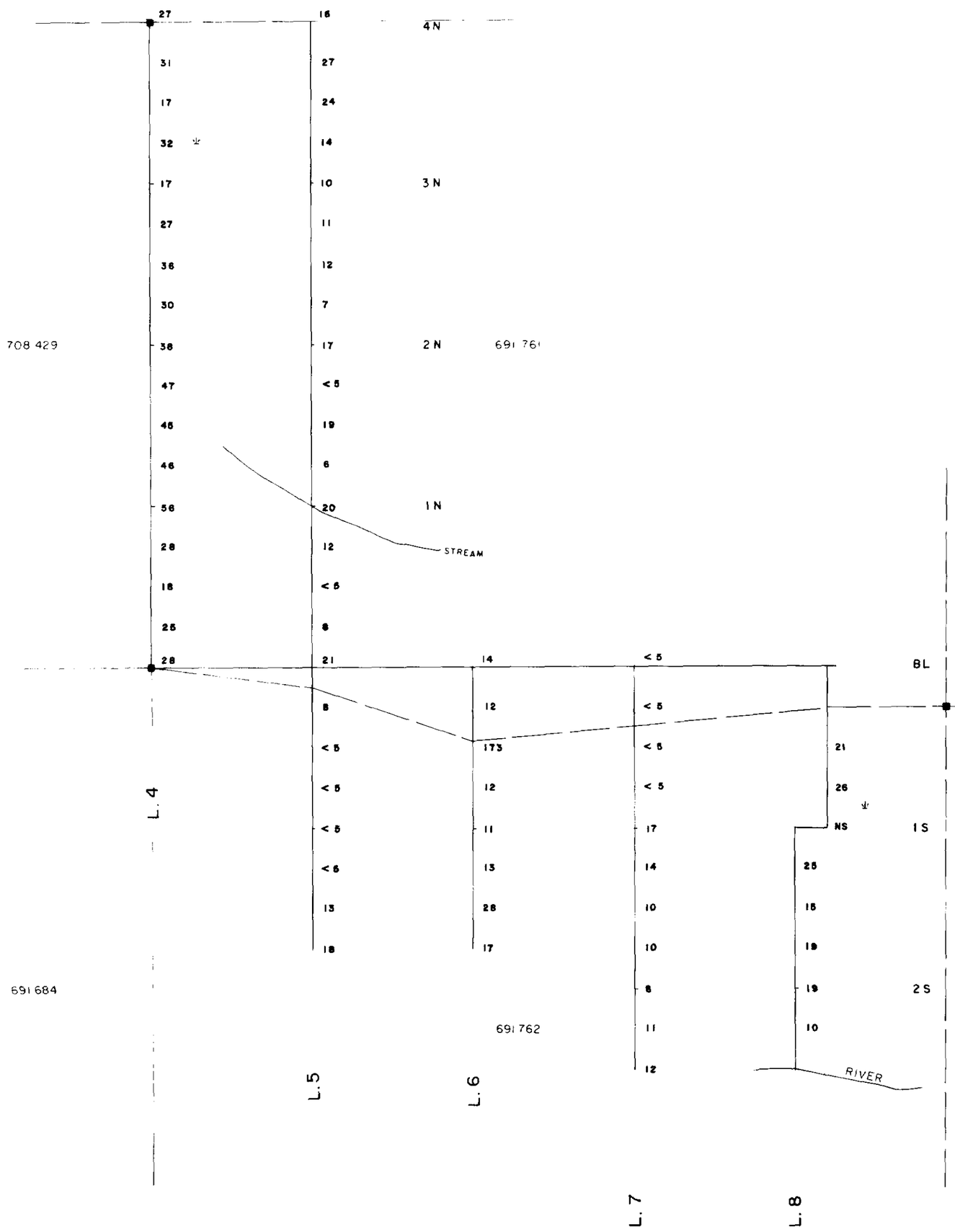
SAMPLE LOCATION

GRID 14 and 15

SCALE 1:2500 | PLATE 3

J-1576





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MISHIBISHU PUKASKWA AREA	
SOIL GEOCHEMICAL SURVEY GOLD VALUES IN (ppb) GRID 16	
SCALE 1:2500	PLATE 2

J-1576

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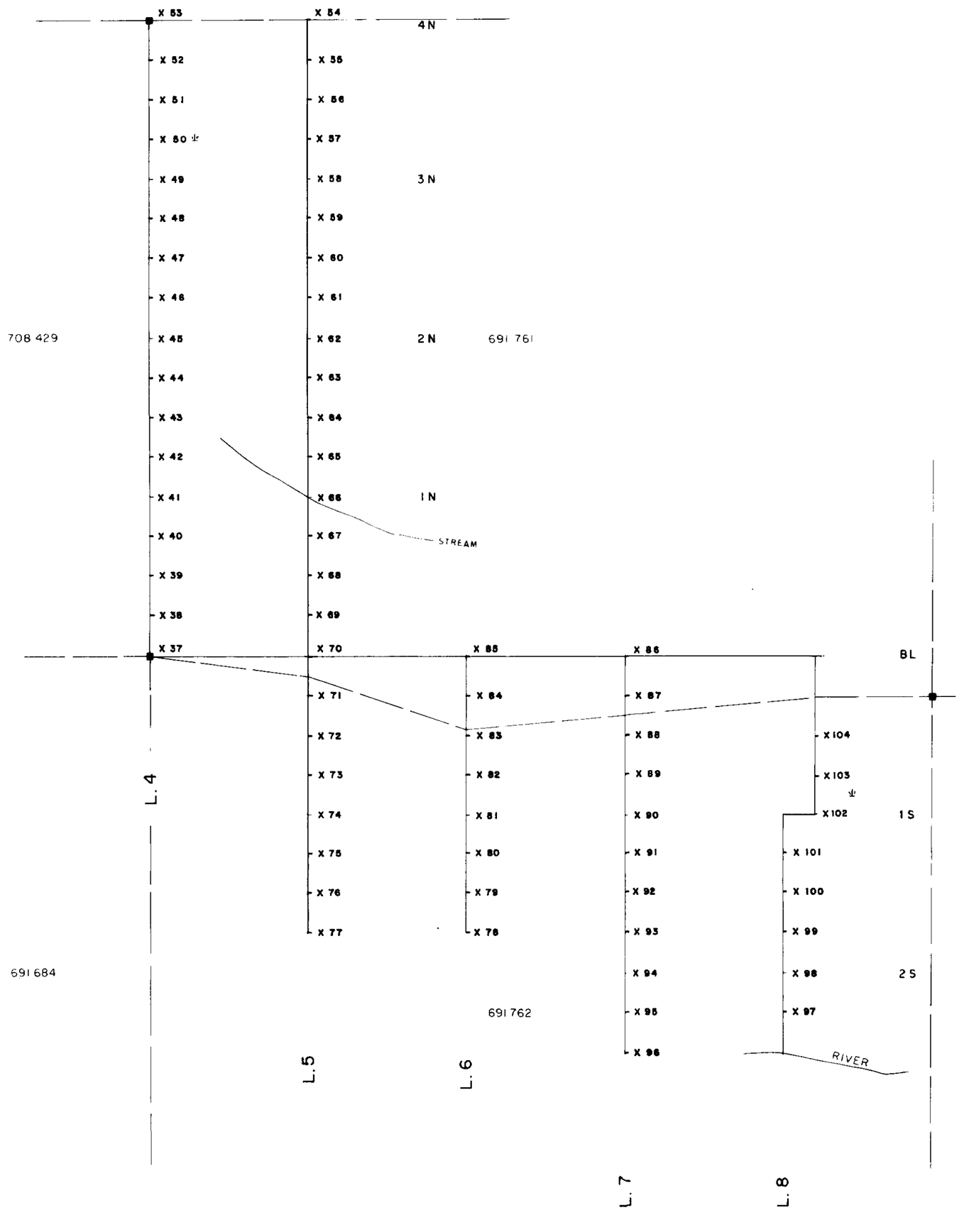

2.9668

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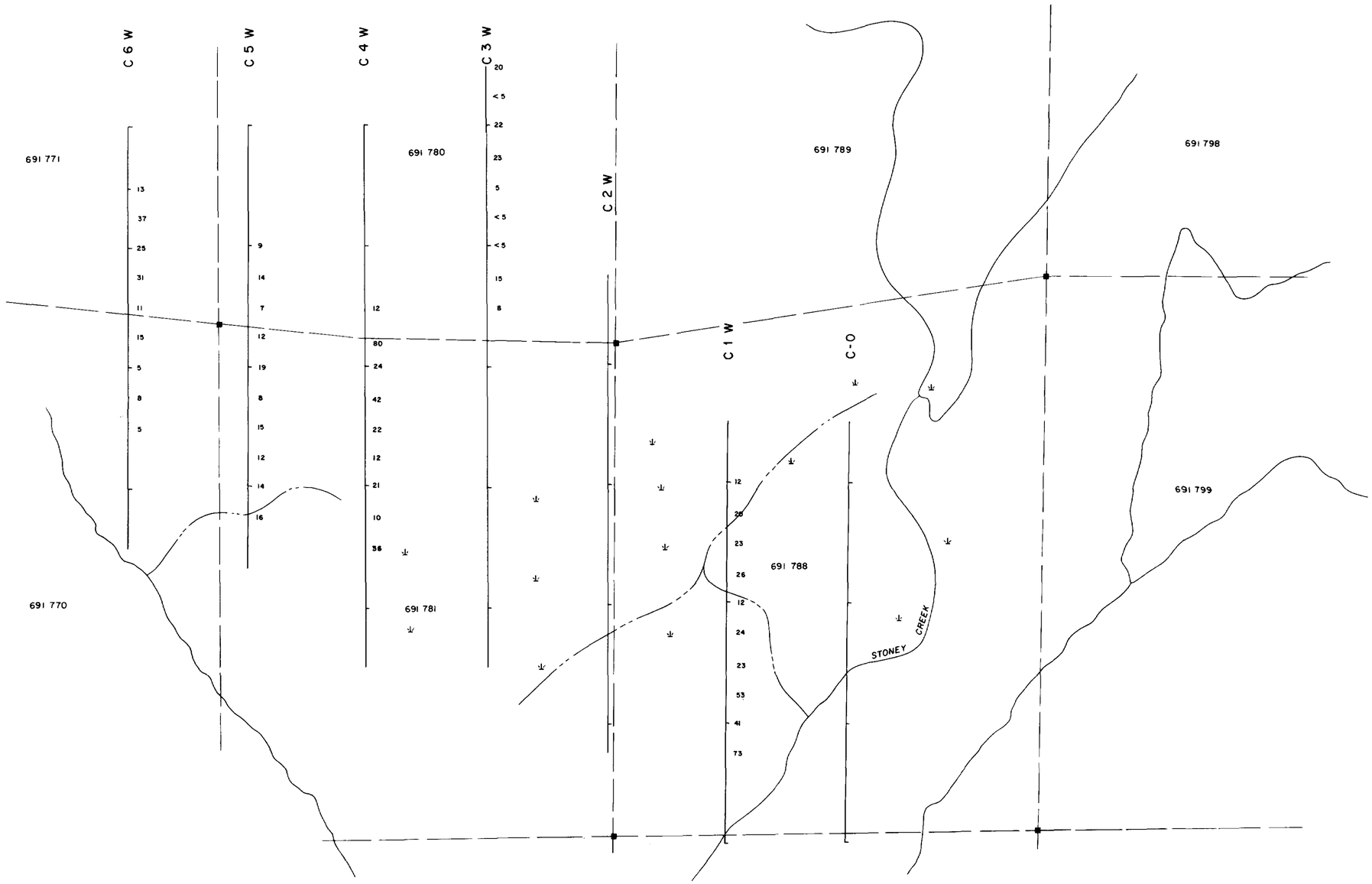
MISHIBISHU PUKASKWA AREA

SOIL GEOCHEMICAL SURVEY
SAMPLE LOCATION
GRID 16

SCALE 1:2500 | PLATE 3

J-1576



2.9668

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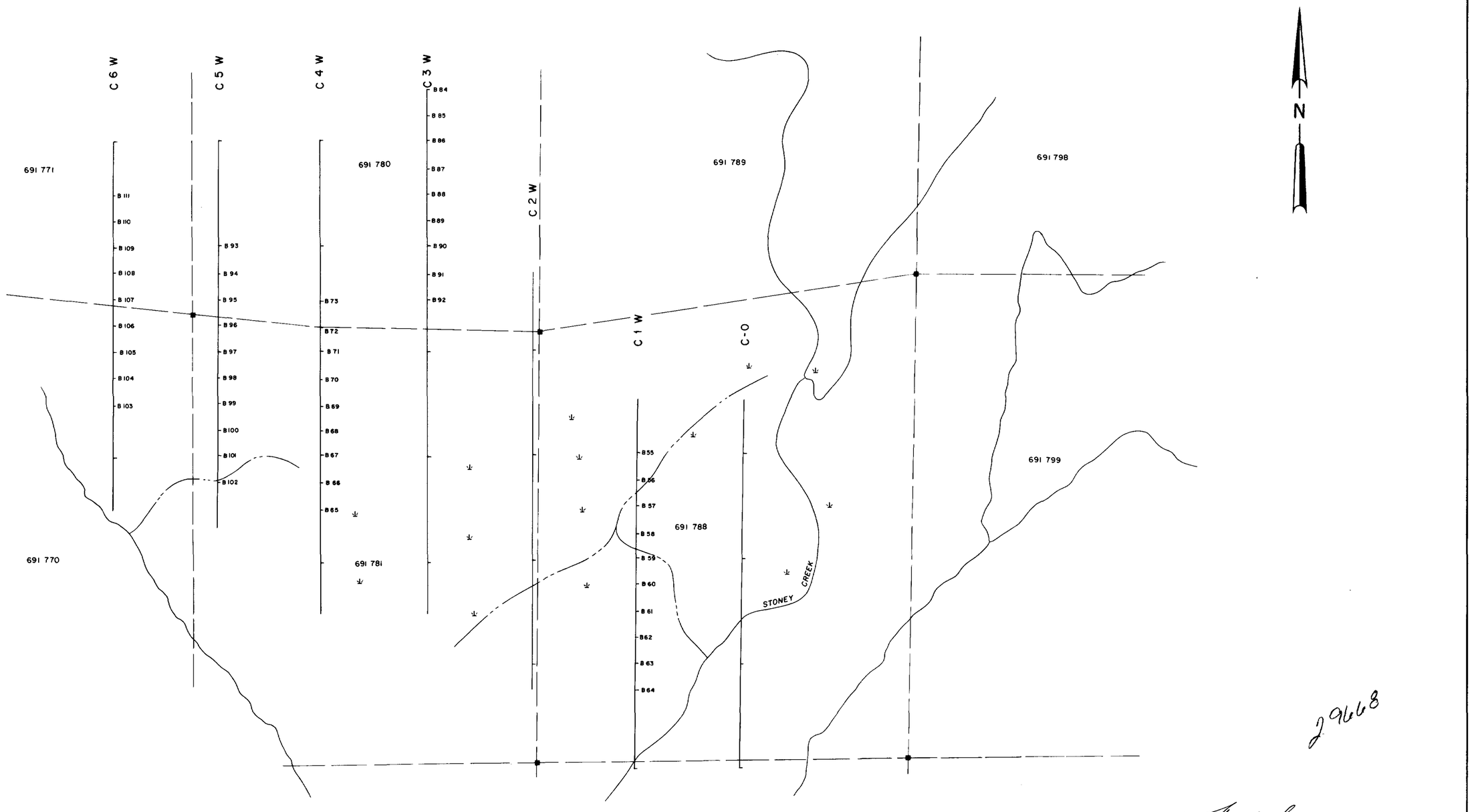
MISHIBISHU PUKASKWA AREA

SOIL GEOCHEMICAL SURVEY
GOLD VALUES IN (ppb)
GRID 17

SCALE 1:2500 | PLATE 2

J-1576

42C04NE0013 2.9668 PUKASKWA RIVER



2.9668

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MISHIBISHU PUKASKWA AREA

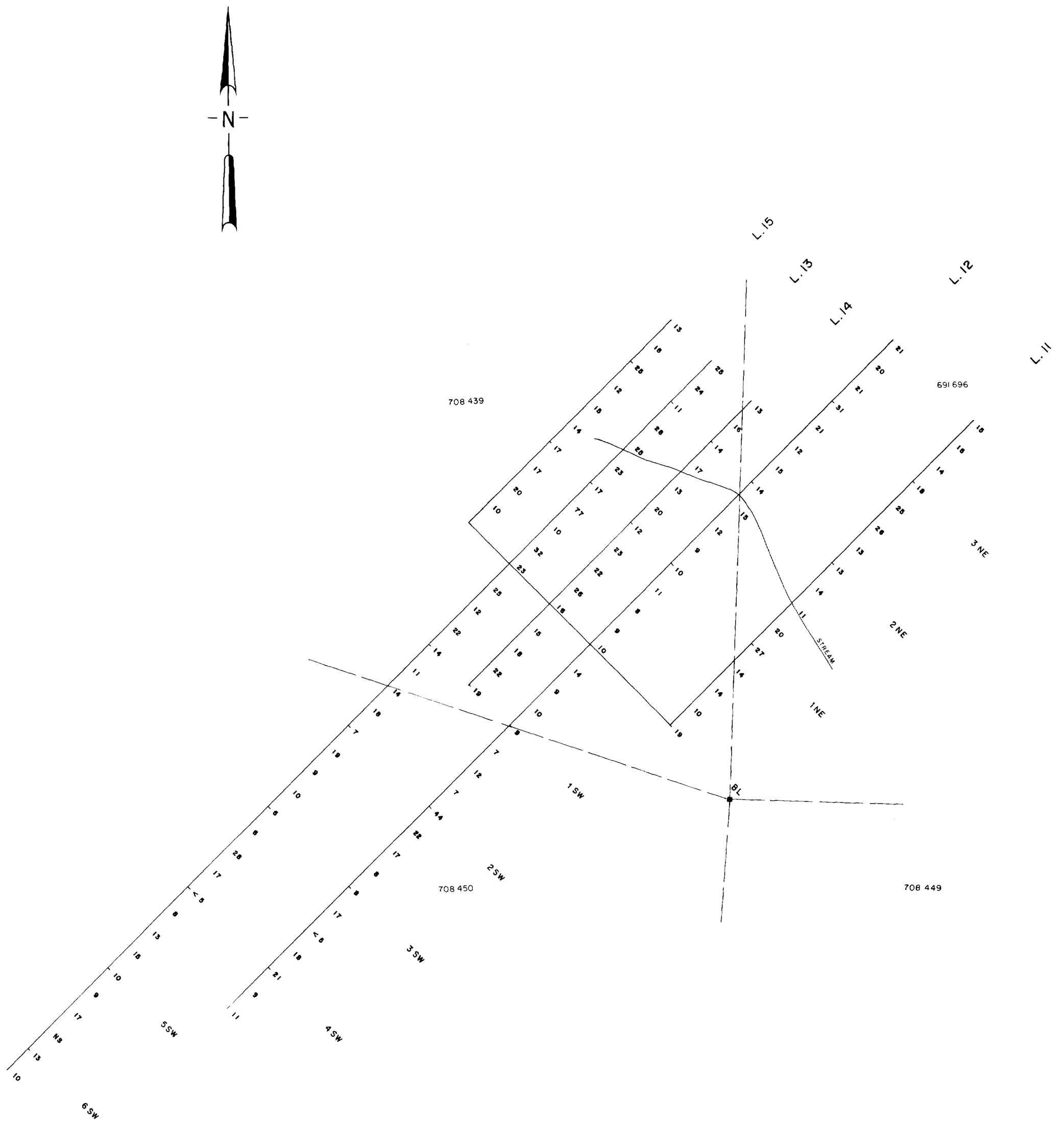
SOIL GEOCHEMICAL SURVEY
SAMPLE LOCATION
GRID 17

SCALE 1:2500 | PLATE 3

42C04NE0013 2.9668 PUKASKWA RIVER

360

J-1576



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MISHIBISHU PUKASKWA AREA

SOIL GEOCHEMICAL SURVEY

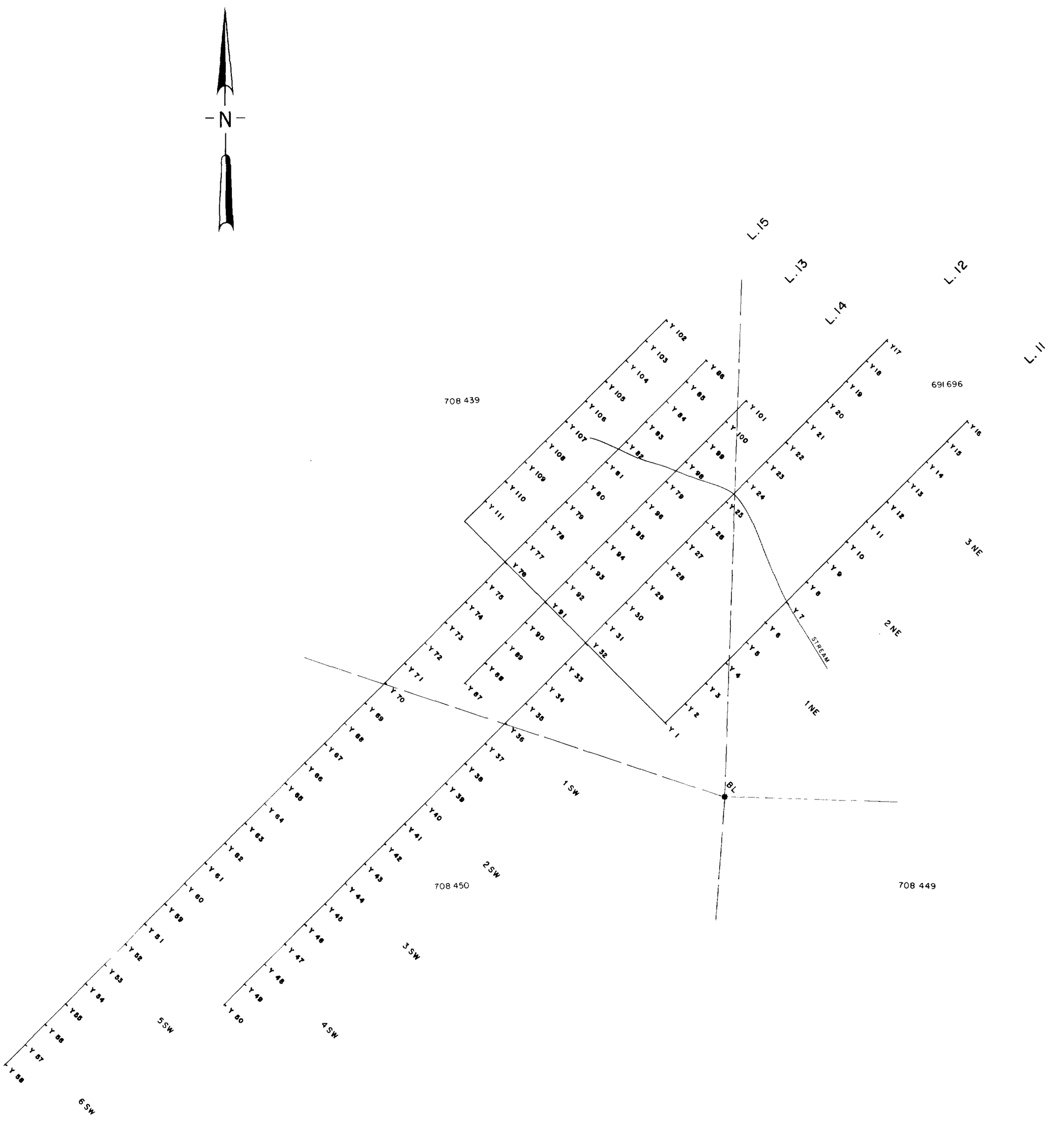
GOLD VALUES IN (ppb)

GRID 20

SCALE 1:2500 | PLATE 2

42C04NE0013 2.9668 PUKASKWA RIVER

J-1576



2.9668

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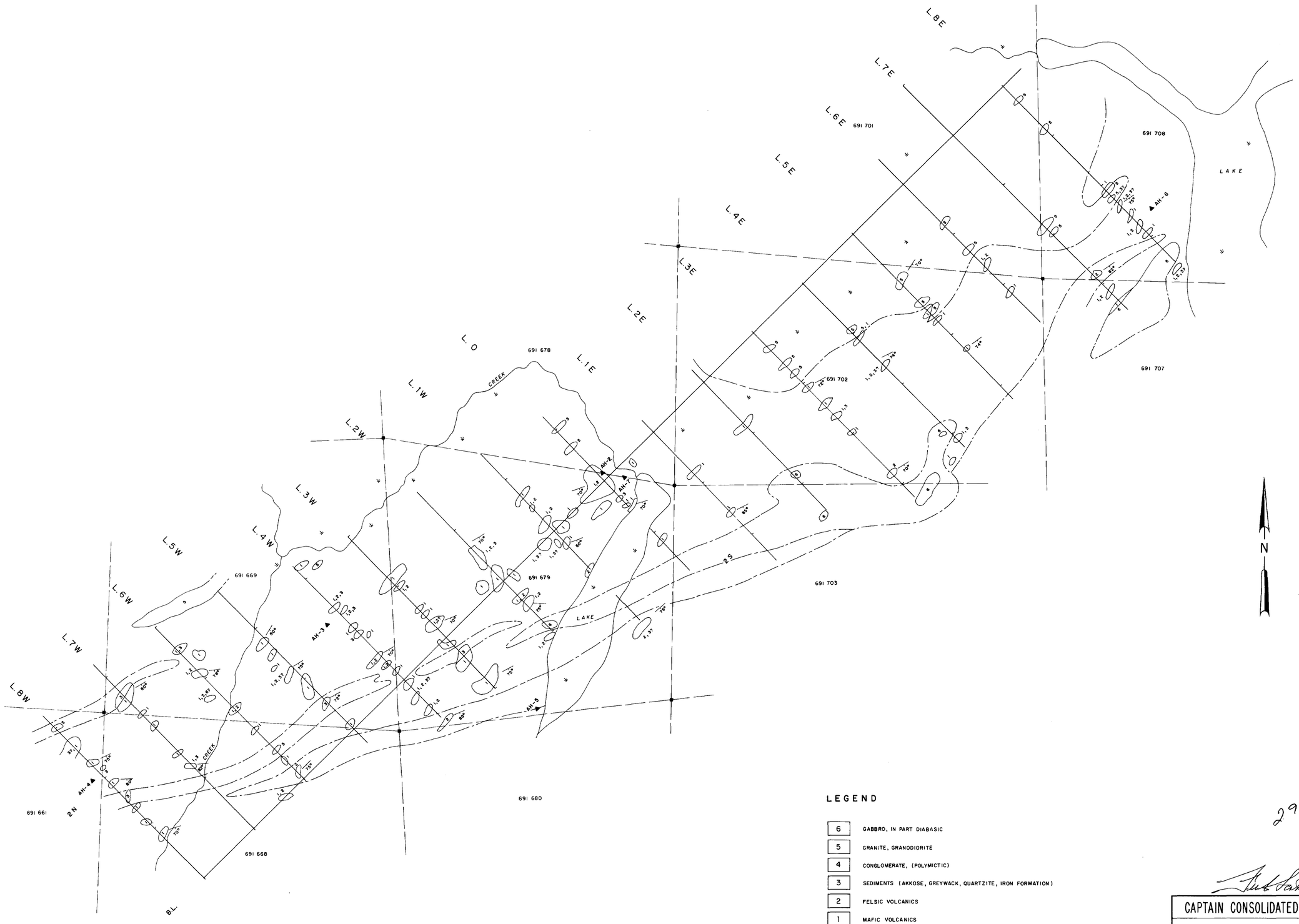
MISHIBISHU PUKASKWA AREA

SOIL GEOCHEMICAL SURVEY
SAMPLE LOCATION
GRID 20

SCALE 1:2500 | PLATE 3

42C04NE0013 2.9668 PUKASKWA RIVER

J-1576



N

LEGEND

6	GABBRO, IN PART DIABASIC
5	GRANITE, GRANODIORITE
4	CONGLOMERATE, (POLYMICTIC)
3	SEDIMENTS (AKKOSE, GREYWACK, QUARTZITE, IRON FORMATION)
2	FELSIC VOLCANICS
1	MAFIC VOLCANICS
▲	SULPHIDE MINERALIZATION

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MISHIBISHU PUKASKWA AREA

GEOLOGY MAP

GRID 3, 4, 5

SCALE 1:2500 | PLATE 4

42C04NE0013 2.9668 PUKASKWA RIVER

390

J-1576

L.11 W L.10 W L.9 W L.8 W L.7 W L.6 W L.5 W L.4 W L.3 W L.2 W L.1 W L.0 L.1 E L.2 E L.3 E L.3+25 E L.4+25 E L.5+25 E L.6+25 E

4 N.

2 N.

B.L.

2 S.

N

691 649 691 651 691 658 691 662 691 666

691 648 691 652 691 657 691 663

691 647 691 653 691 656 691 664 691 665

SC-20 SC-7 SC-3 SC-4 SC-2 SC-22 SC-23 SC-31 SC-18 SC-15 SC-14 SC-13 SC-12 SC-17 SC-11 SC-10 SC-21 SC-5 SC-6

CREEK CREEK CREEK LAKE LAKE

GRID 7

GRID 10

TO GRID 11+12

LEGEND

6	GABBRO, IN PART DIABASIC
5	GRANITE, GRANODIORITE
4	CONGLOMERATE, (POLYMICTIC)
3	SEDIMENTS (ARKOSE, GREYWACK, QUARTZITE, IRON FORMATION)
2	FELSIC VOLCANICS
1	MAFIC VOLCANICS
▲	SULPHIDE MINERALIZATION

2.9668

CAPTAIN CONSOLIDATED RESOURCES LTD.

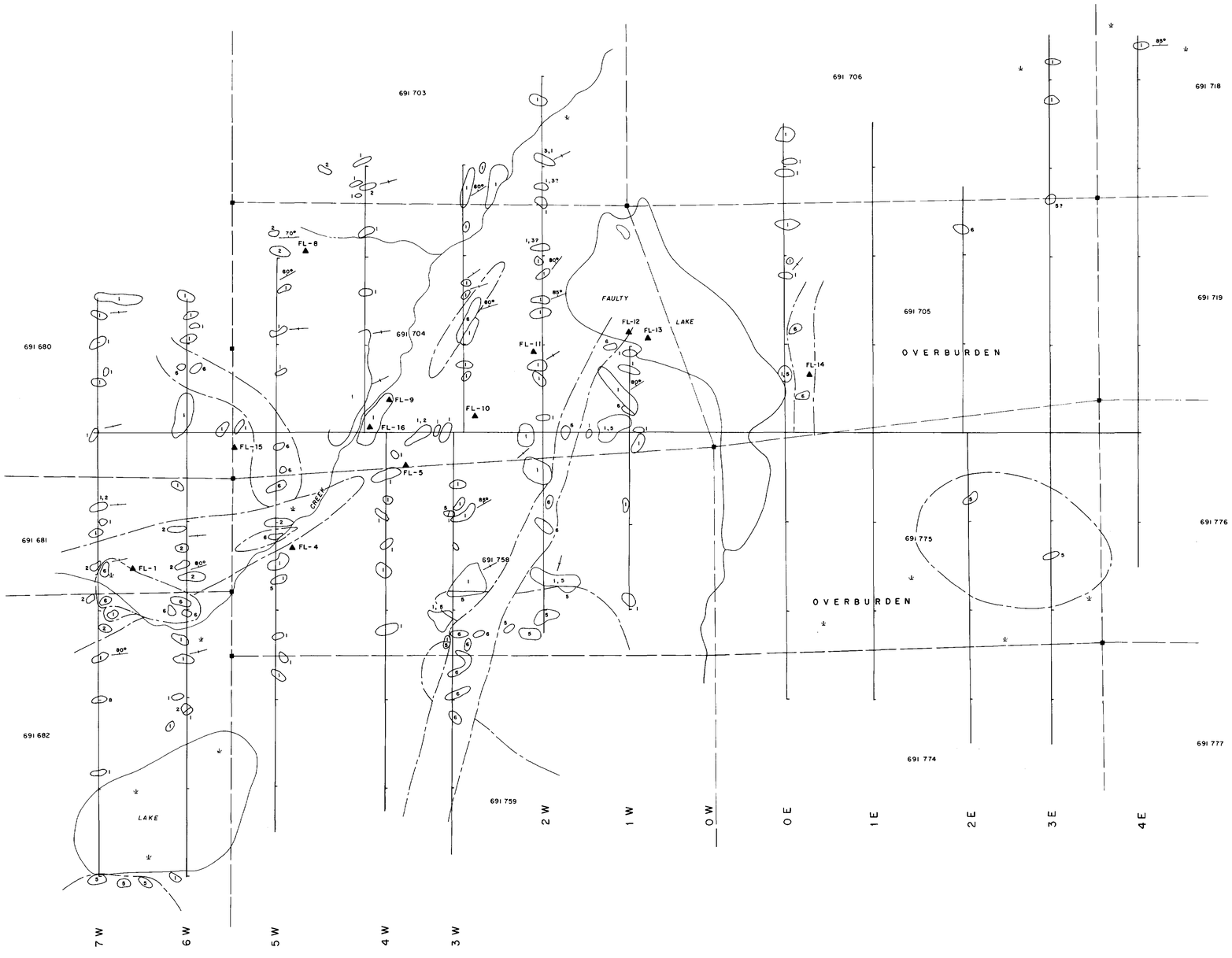
MISHIBISHU PUKASKWA AREA

GEOLOGY MAP

GRID 7 and 10

SCALE 1:2500 | PLATE 4

J-1576



LEGEND

6	GABBRO, IN PART DIABASIC
5	GRANITE, GRANODIORITE
4	CONGLOMERATE, (POLYMICTIC)
3	SEDIMENTS (AKKOSE, GREYWACK, QUARTZITE, IRON FORMATION)
2	FELSIC VOLCANICS
1	MAFIC VOLCANICS
▲	SULPHIDE MINERALIZATION

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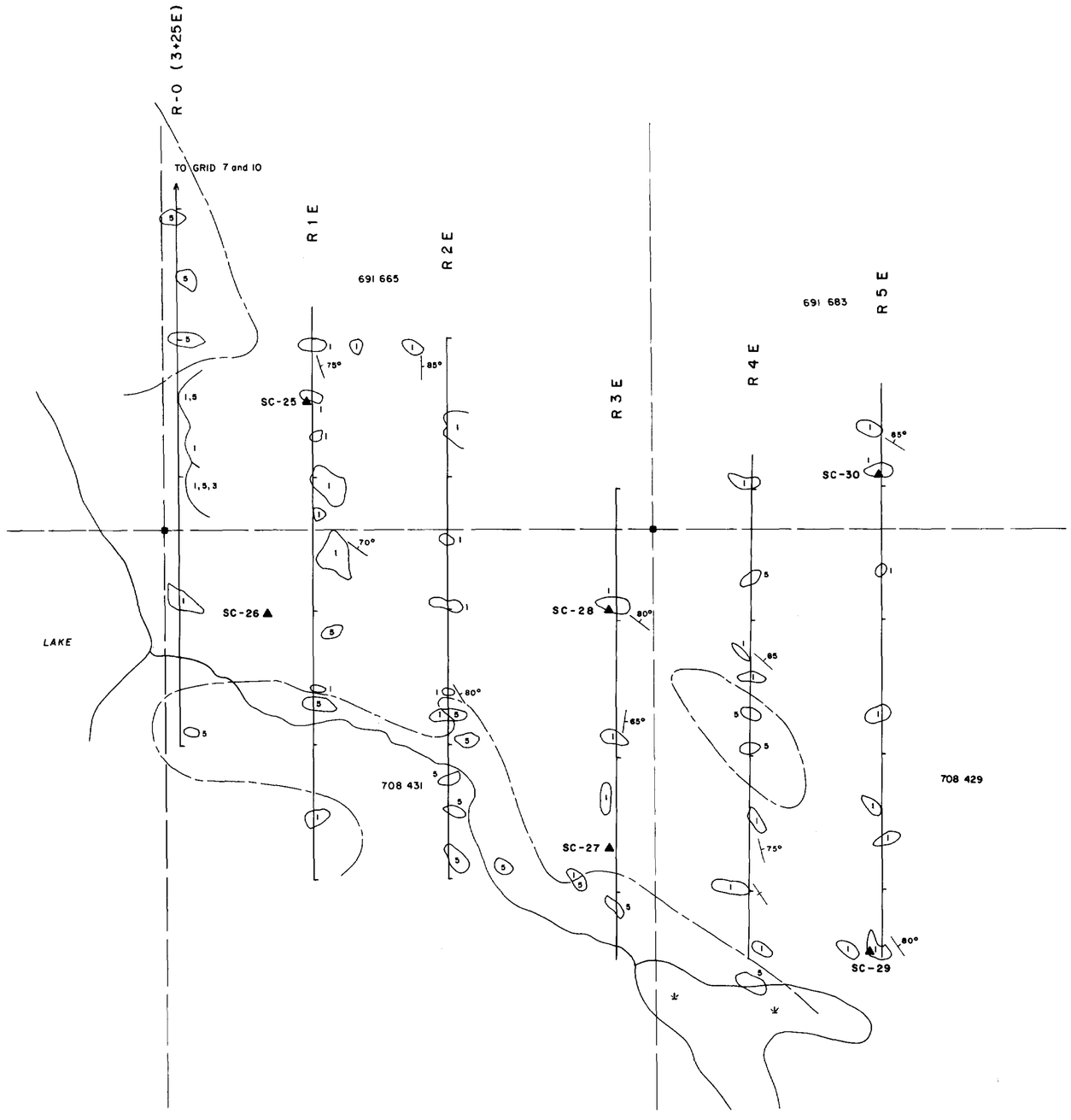
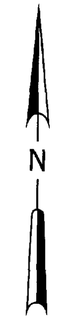
MISHIBISHU PUKASKWA AREA

GEOLOGY MAP

GRID 8

SCALE 1:2500 | PLATE 4





Sample No.	Au ppb	Cu ppm	Pt ppb	Pd ppb
SC-25	150	-	<15	<15
SC-26	162	-	<15	<15
SC-27	990	-	<15	<15
SC-28	368	-	<15	<15
SC-29	115	-	<15	<15
SC-30	<5	-	<15	<15

LEGEND

- 6 GABBRO, IN PART DIABASIC
- 5 GRANITE, GRANODIORITE
- 4 CONGLOMERATE, (POLYMICTIC)
- 3 SEDIMENTS (AKKOSE, GREYWACK, QUARTZITE, IRON FORMATION)
- 2 FELSIC VOLCANICS
- 1 MAFIC VOLCANICS
- ▲ SULPHIDE MINERALIZATION

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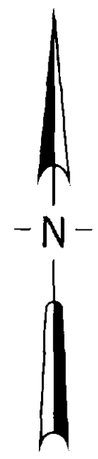
MISHIBISHU PUKASKWA AREA

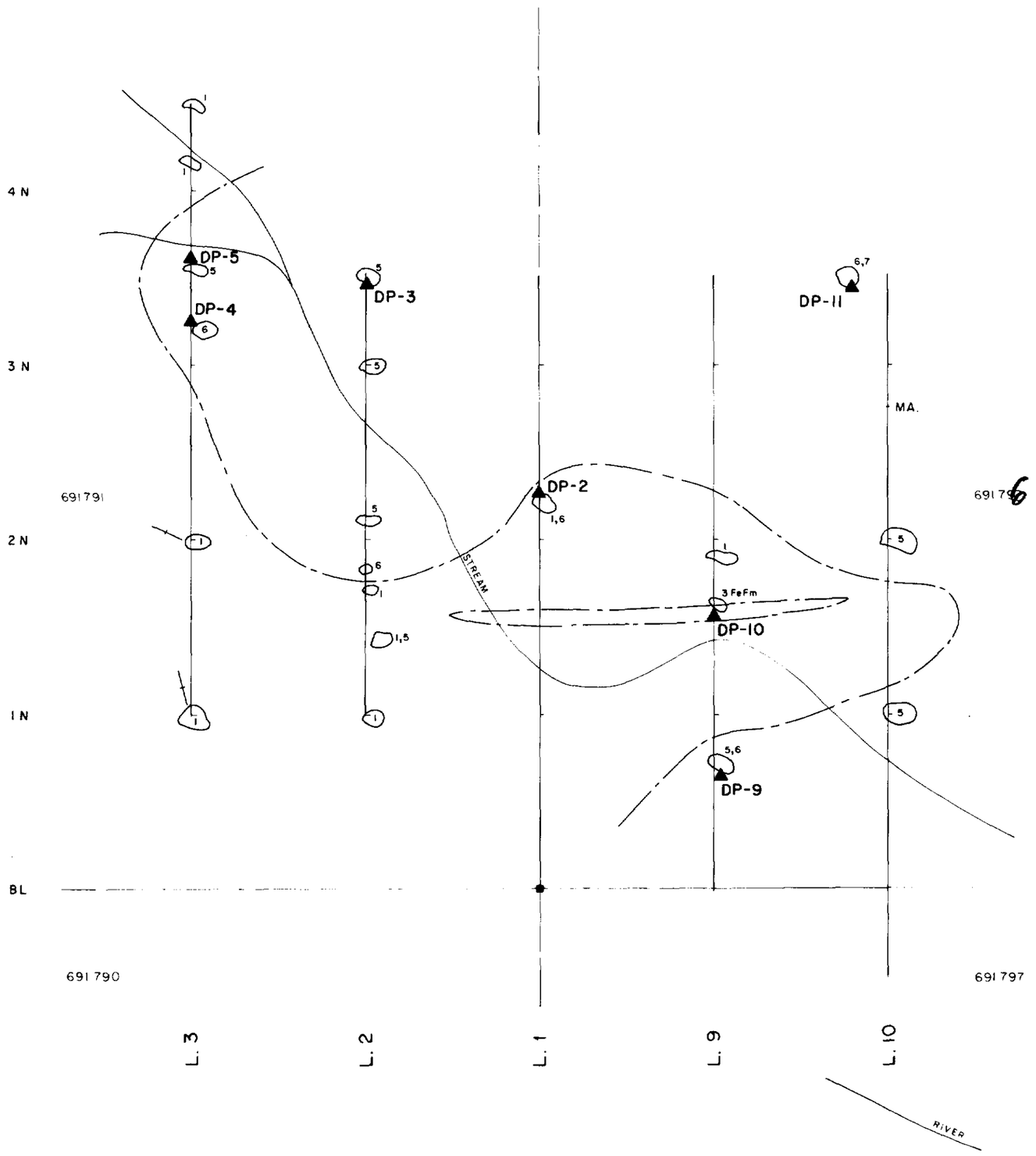
GEOLOGY MAP

GRID 11 and 12

SCALE 1:2500 | PLATE 4

J-1578





LEGEND

6	GABBRO, IN PART DIABASIC
5	GRANITE, GRANODIORITE
4	CONGLOMERATE, (POLYMICTIC)
3	SEDIMENTS (AKKOSE, GREYWACK, QUARTZITE, IRON FORMATION)
2	FELSIC VOLCANICS
1	MAFIC VOLCANICS
▲	SULPHIDE MINERALIZATION

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CAPTAIN CONSOLIDATED RESOURCES LTD.

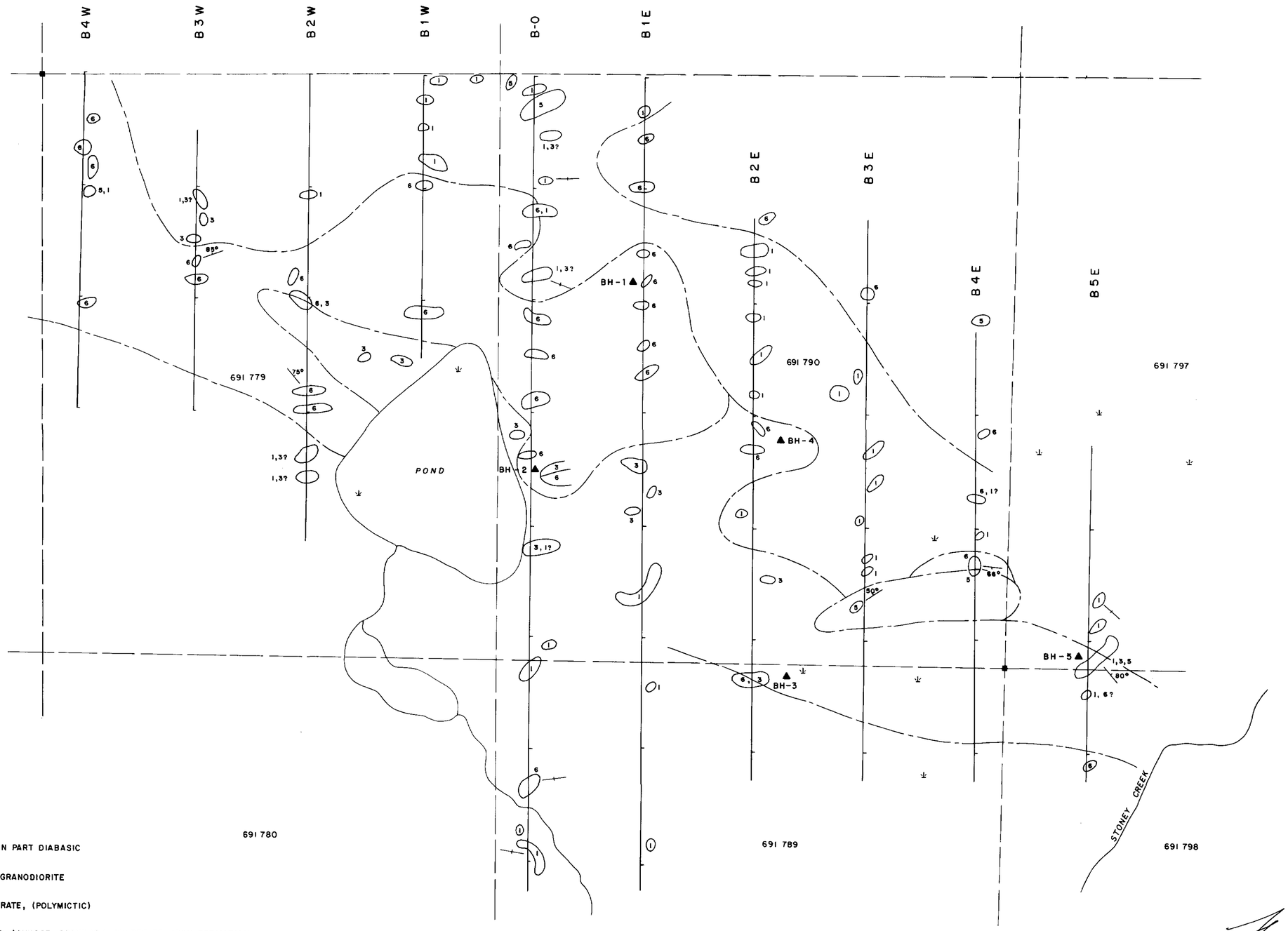
MISHIBISHU PUKASKWA AREA

GEOLOGY MAP

GRID 13

SCALE 1:2500 | PLATE 4

J-1576



LEGEND

6	GABBRO, IN PART DIABASIC
5	GRANITE, GRANODIORITE
4	CONGLOMERATE, (POLYMICTIC)
3	SEDIMENTS (AKKOSE, GREYWACK, QUARTZITE, IRON FORMATION)
2	FELSIC VOLCANICS
1	MAFIC VOLCANICS
▲	SULPHIDE MINERALIZATION

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CAPTAIN CONSOLIDATED RESOURCES LTD.

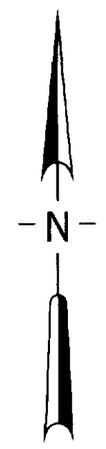
MISHIBISHU PUKASKWA AREA

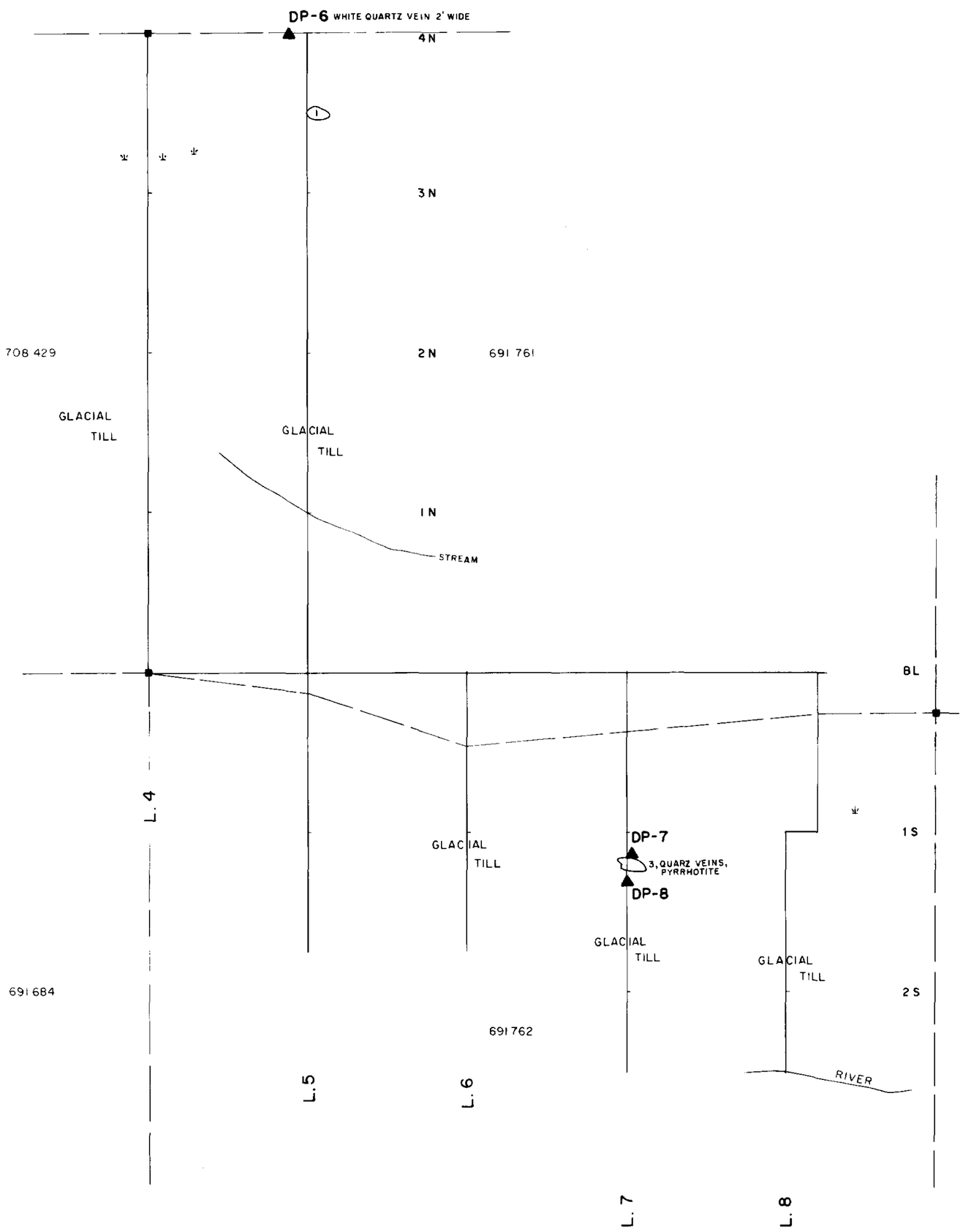
GEOLOGY MAP

GRID 14 and 15

SCALE 1:2500 | PLATE 4

J-1576





LEGEND

6	GABBRO, IN PART DIABASIC
5	GRANITE, GRANODIORITE
4	CONGLOMERATE, (POLYMICTIC)
3	SEDIMENTS (AKKOSE, GREYWACK, QUARTZITE, IRON FORMATION)
2	FELSIC VOLCANICS
1	MAFIC VOLCANICS
▲	SULPHIDE MINERALIZATION

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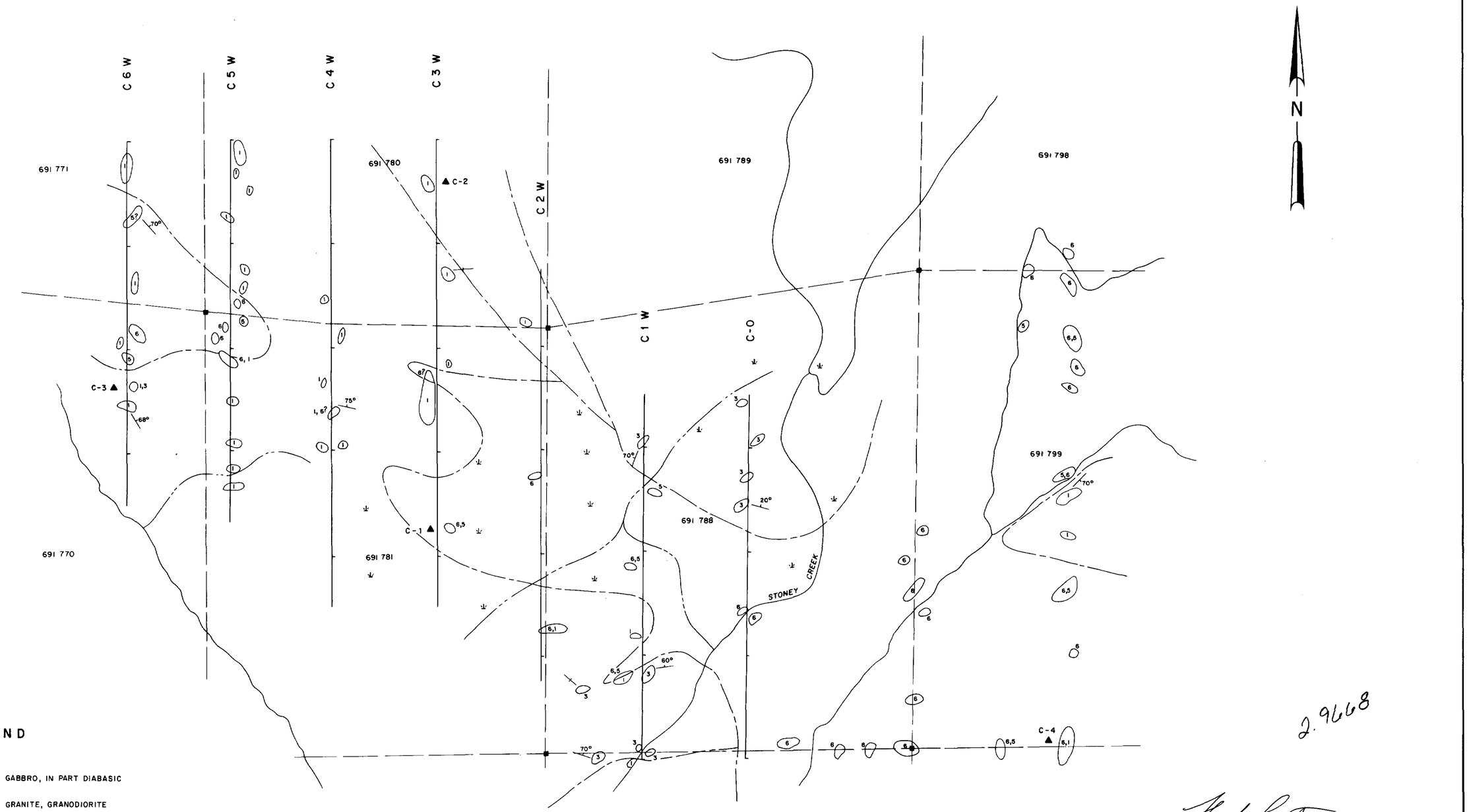
MISHIBISHU PUKASKWA AREA

GEOLOGY MAP

GRID 16

SCALE 1:2500 | PLATE 4

J-1576



LEGEND

6	GABBRO, IN PART DIABASIC
5	GRANITE, GRANODIORITE
4	CONGLOMERATE, (POLYMICTIC)
3	SEDIMENTS (AKKOSE, GREYWACK, QUARTZITE, IRON FORMATION)
2	FELSIC VOLCANICS
1	MAFIC VOLCANICS
▲	SULPHIDE MINERALIZATION

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CAPTAIN CONSOLIDATED RESOURCES LTD.

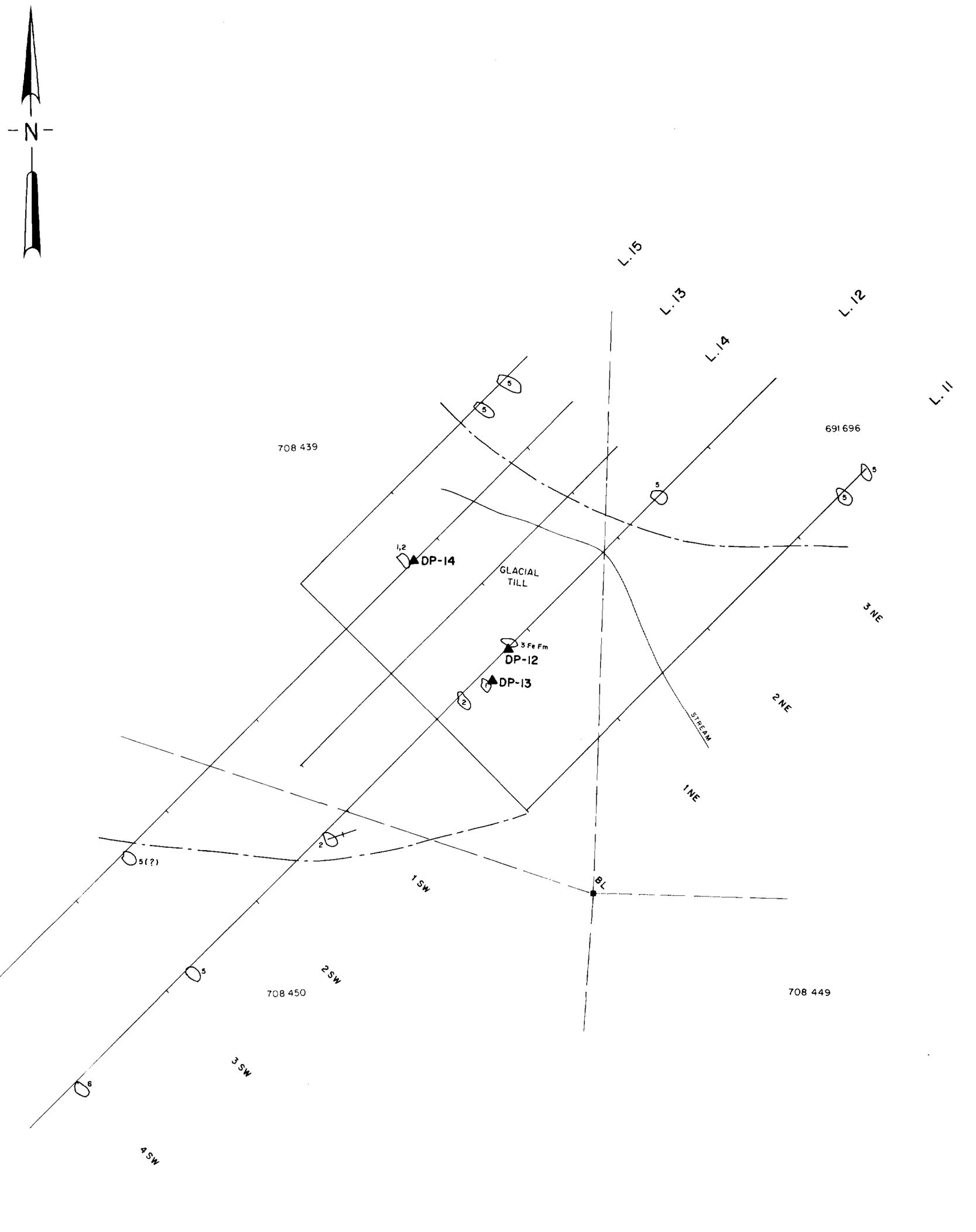
MISHIBISHU PUKASKWA AREA

GEOLOGY MAP

GRID 17

SCALE 1:2500 | PLATE 4

J-1576



LEGEND

6	GABBRO, IN PART DIABASIC
5	GRANITE, GRANODIORITE
4	CONGLOMERATE, (POLYMICTIC)
3	SEDIMENTS (AKKOSE, GREYWACK, QUARTZITE, IRON FORMATION)
2	FELSIC VOLCANICS
1	MAFIC VOLCANICS
▲	SULPHIDE MINERALIZATION

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CAPTAIN CONSOLIDATED RESOURCES LTD.

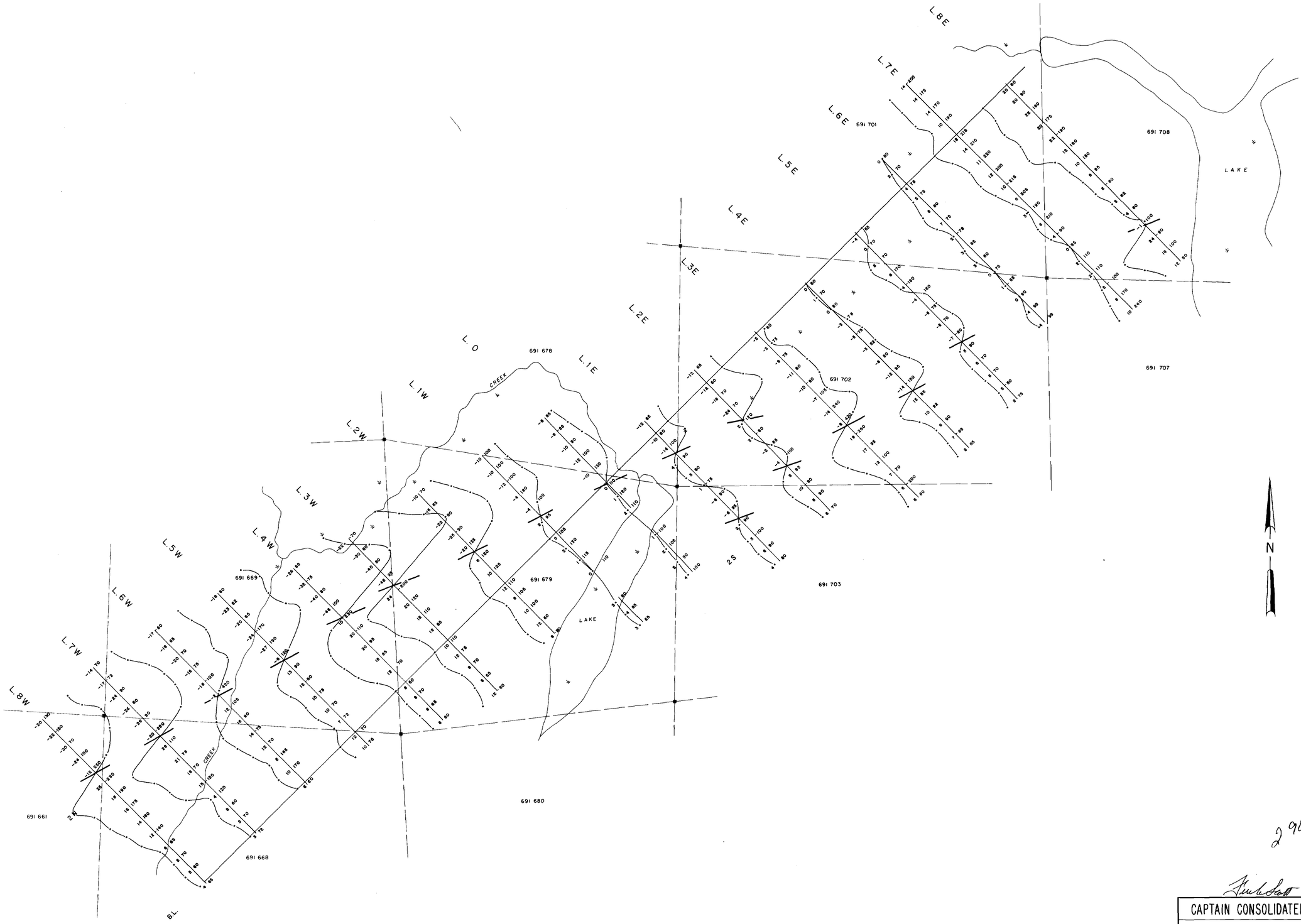
MISHIBISHU PUKASKWA AREA

GEOLOGY MAP

GRID 20

SCALE 1:2500 | PLATE 4

J-1576



DIP | FIELD STRENGTH

1 cm = 10°

CUTLER TRANSMITTER

2.9668

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MISHIBISHU PUKASKWA AREA

VLF-EM SURVEY

GRID 3, 4, 5

SCALE 1:2500 | PLATE 1

L.11 W
L.10 W
L.9 W
L.8 W
L.7 W
L.6 W
L.5 W
L.4 W
L.3 W
L.2 W
L.1 W
L.0
L.1 E
L.2 E
L.3 E
L.3+25 E
L.4+25 E
L.5+25 E
L.6+25 E

4 N.
2 N.
B.L.
2 S.

691 647
691 648
691 649
691 651
691 652
691 653
691 656
691 657
691 658
691 662
691 663
691 664
691 665
691 666

CREEK
CREEK
CREEK
LAKE
LAKE

TO GRID 11+12

GRID 7
GRID 10

N

DIP | FIELD STRENGTH
10 | 100
0 | 90
-10 | 80
10° 0 -10°
1cm=10°
CUTLER TRANSMITTER

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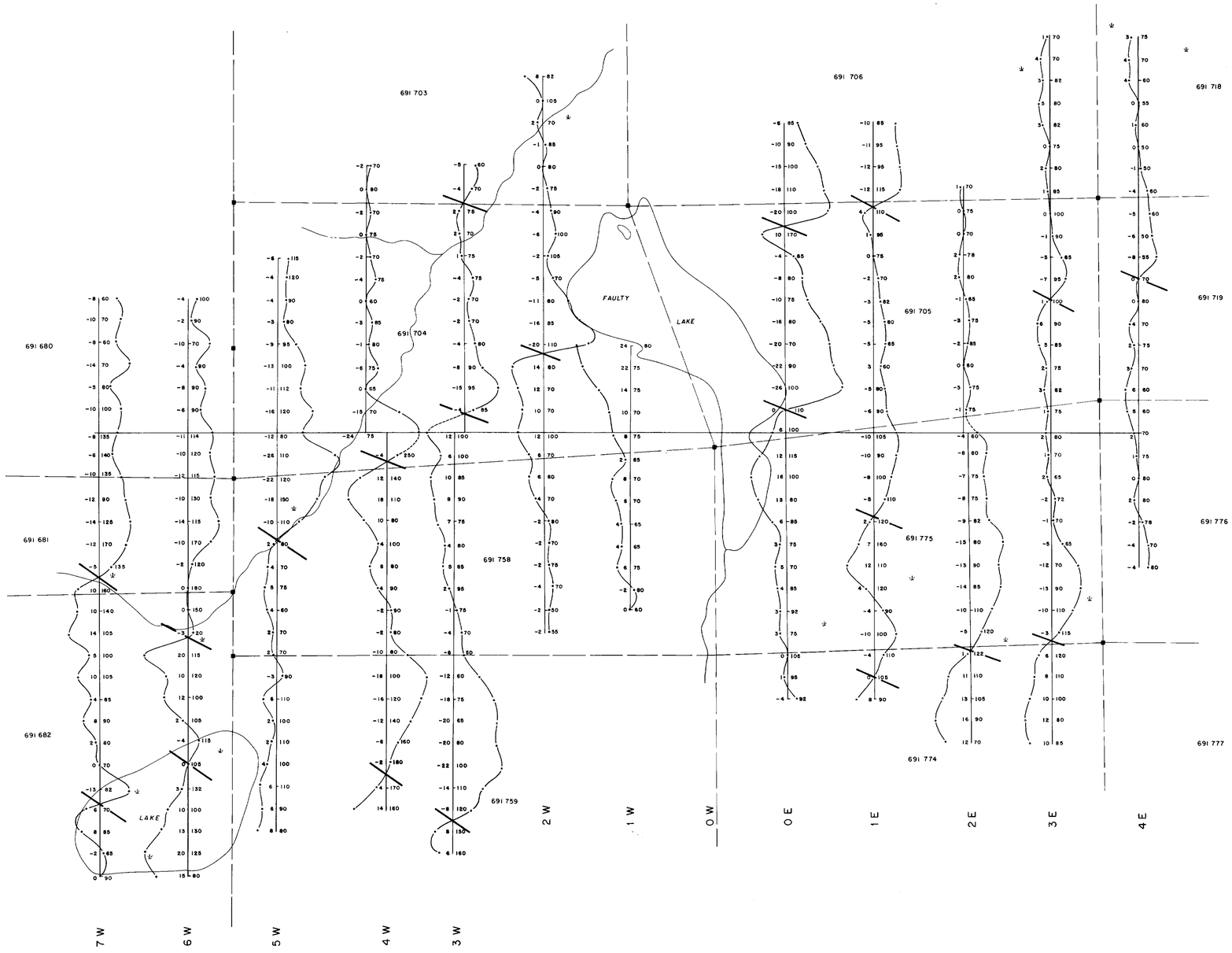
CAPTAIN CONSOLIDATED RESOURCES LTD.
MISHIBISHU PUKASKWA AREA
VLF-EM SURVEY
GRID 7 and 10
SCALE 1:2500 | PLATE 1

42C04NE0013 2.9668 PUKASKWA RIVER

490

J-1576



DIP | FIELD STRENGTH

1 cm = 10°

CUTLER TRANSMITTER

2.9668

CAPTAIN CONSOLIDATED RESOURCES LTD.

MISHIBISHU PUKASKWA AREA

VLF-EM SURVEY

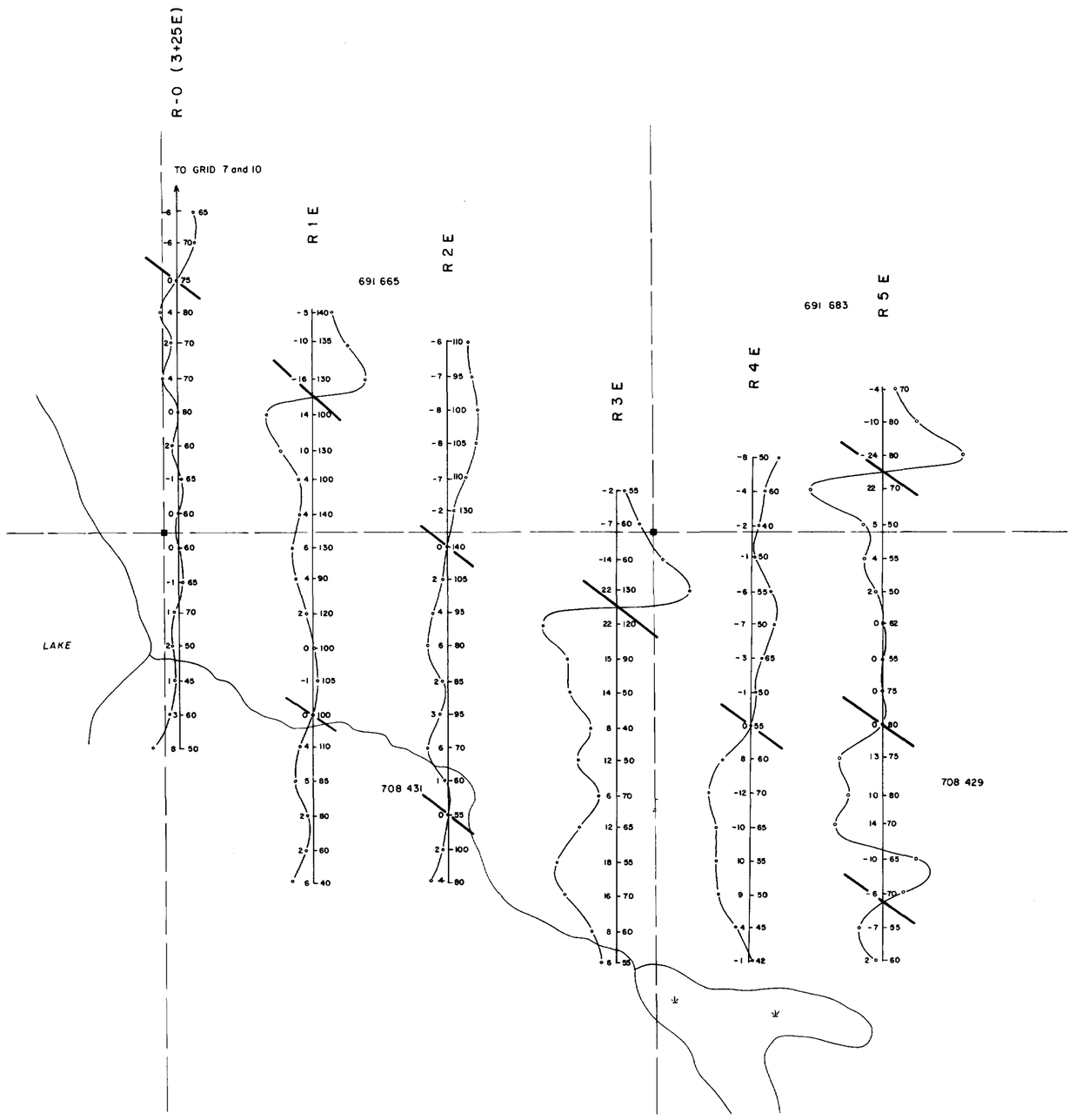
GRID 8

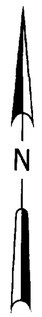
SCALE 1:2500 | PLATE 1

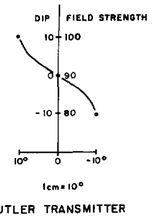
J-1576

42C04NE0013 2.9668 PUKASKWA RIVER

500







CUTLER TRANSMITTER

2.9668

CAPTAIN CONSOLIDATED RESOURCES LTD.

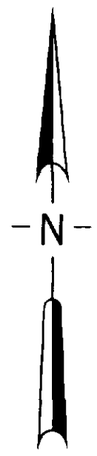
MISHIBISHU PUKASKWA AREA

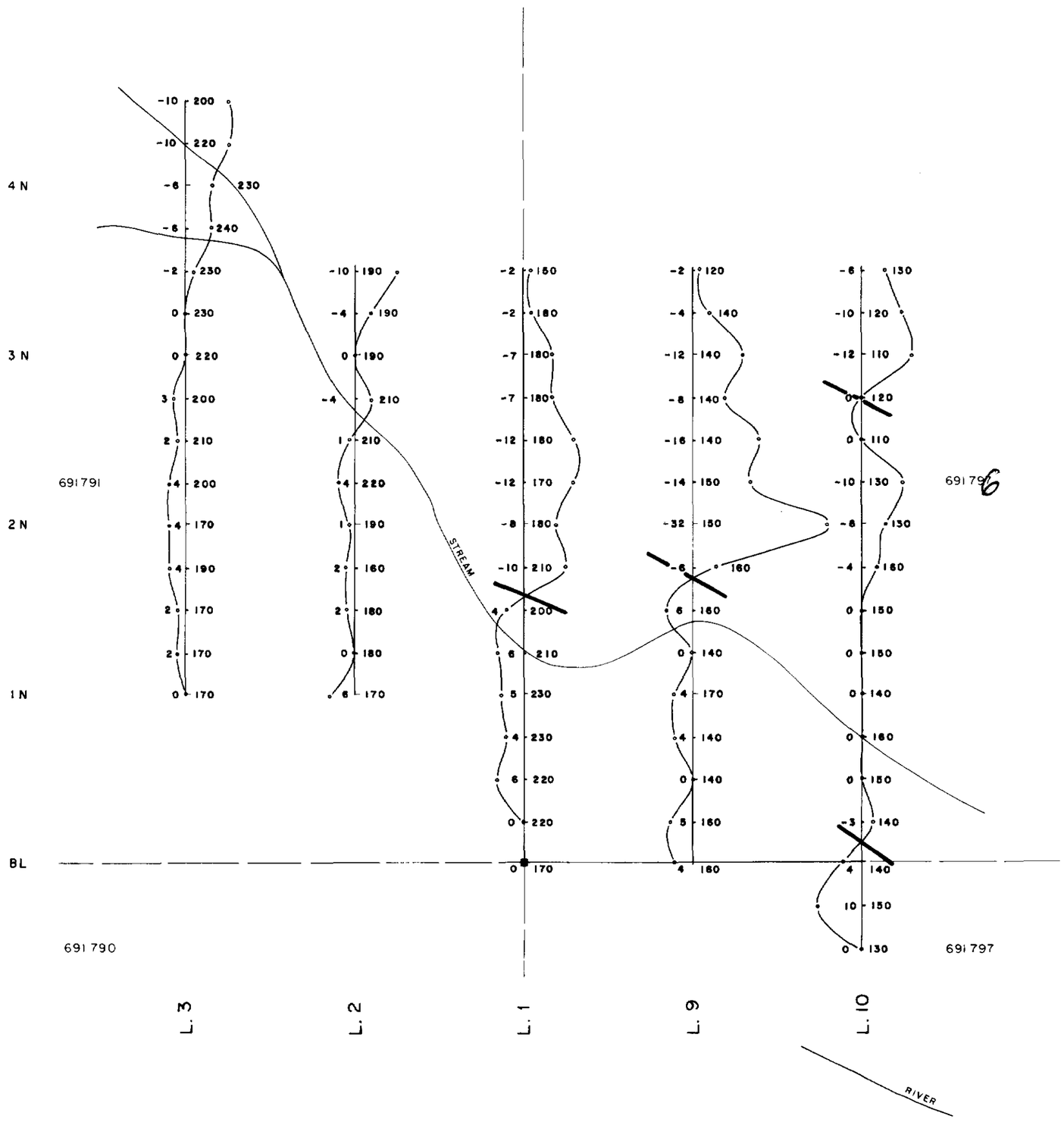
VLF-EM SURVEY

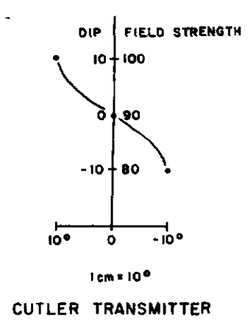
GRID 11 and 12

SCALE 1:2500 | PLATE 1

J-1578







29668

CAPTAIN CONSOLIDATED RESOURCES LTD.

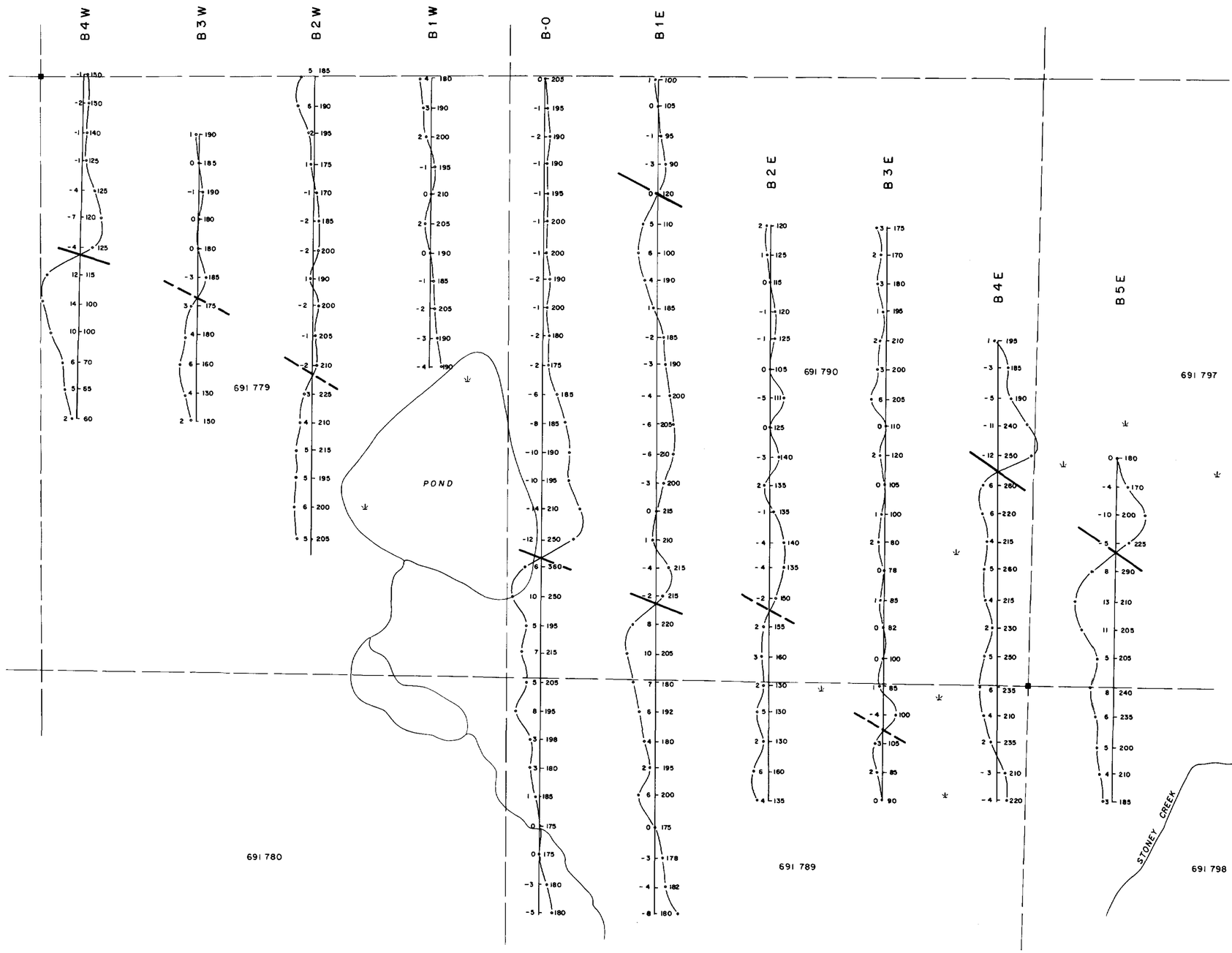
MISHIBISHU PUKASKWA AREA

VLF-EM SURVEY

GRID 13

SCALE 1:2500 | PLATE 1

J-1576



DIP FIELD STRENGTH

1cm = 10°

CUTLER TRANSMITTER

29668

CAPTAIN CONSOLIDATED RESOURCES LTD.

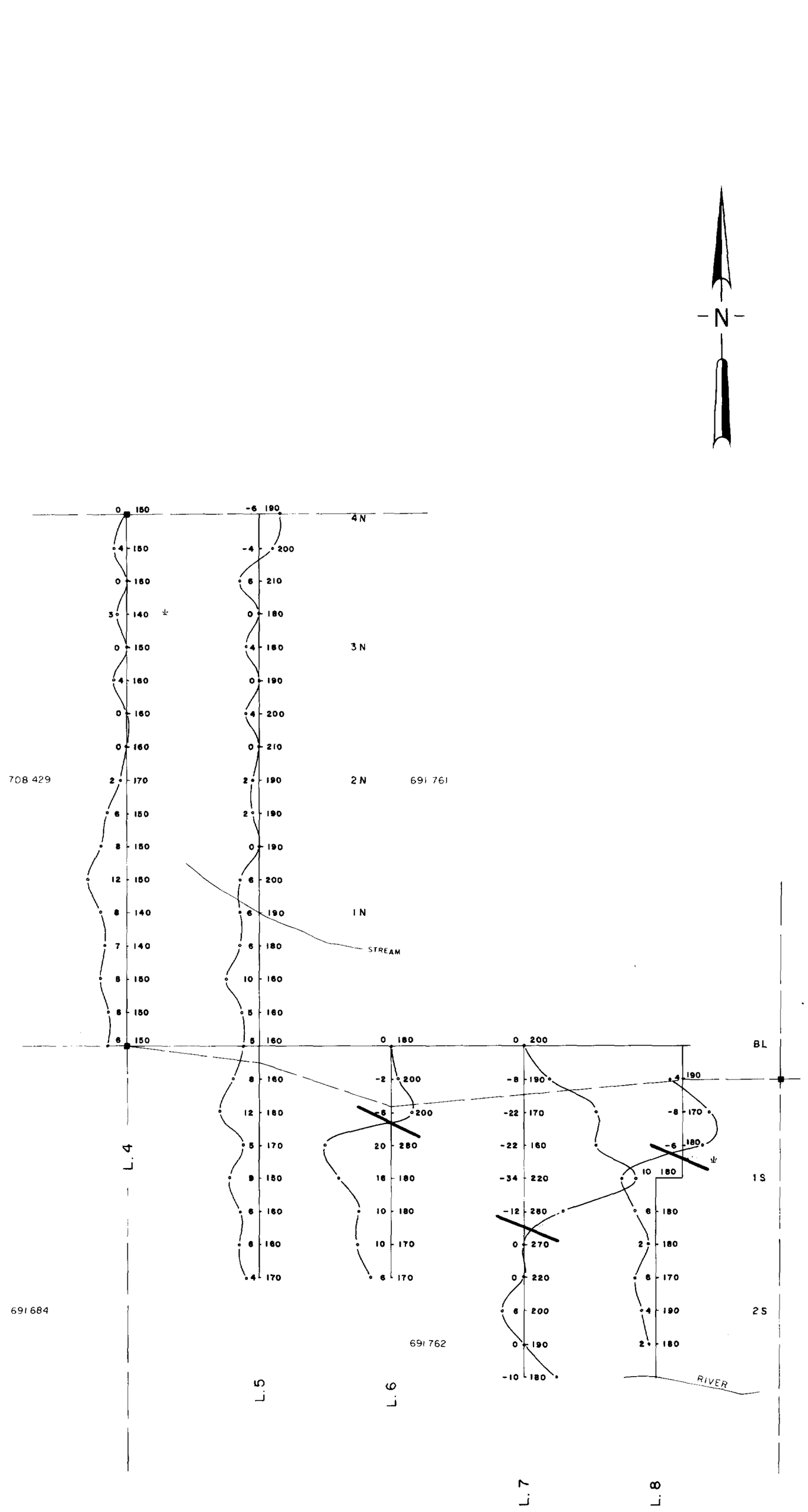
MISHIBISHU PUKASKWA AREA

VLF-EM SURVEY

GRID 14 and 15

SCALE 1:2500 | PLATE 1

J-1576



DIP | FIELD STRENGTH

10 + 100

0 + 90

-10 + 80

10° 0 -10°

1cm = 10°

CUTLER TRANSMITTER

2.9668

CAPTAIN CONSOLIDATED RESOURCES LTD.

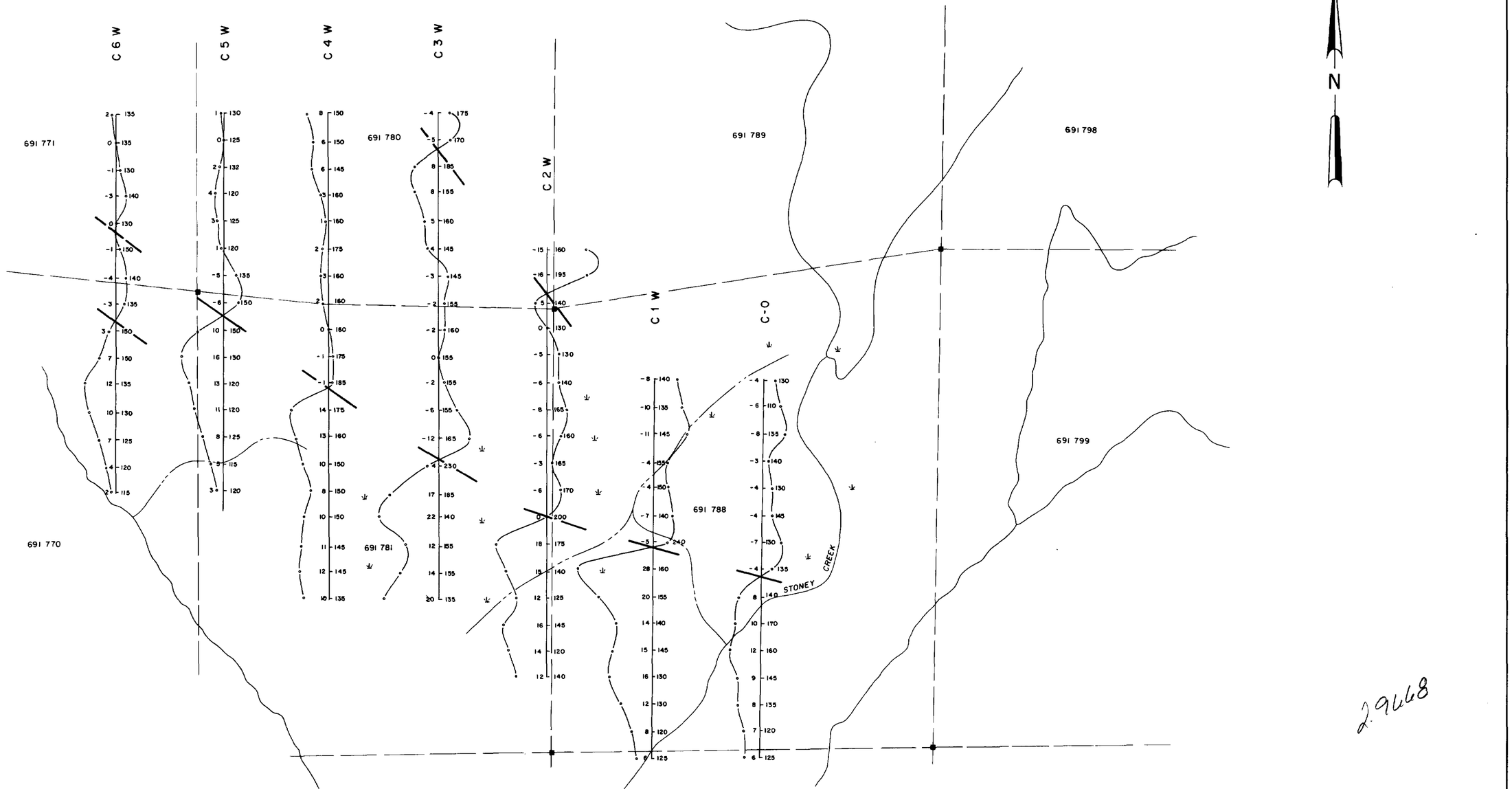
MISHIBISHU PUKASKWA AREA

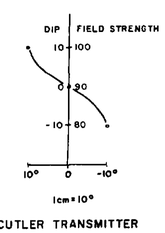
VLF-EM SURVEY

GRID 16

SCALE 1:2500 | PLATE 1

J-1576





CUTLER TRANSMITTER

2.9668

CAPTAIN CONSOLIDATED RESOURCES LTD.

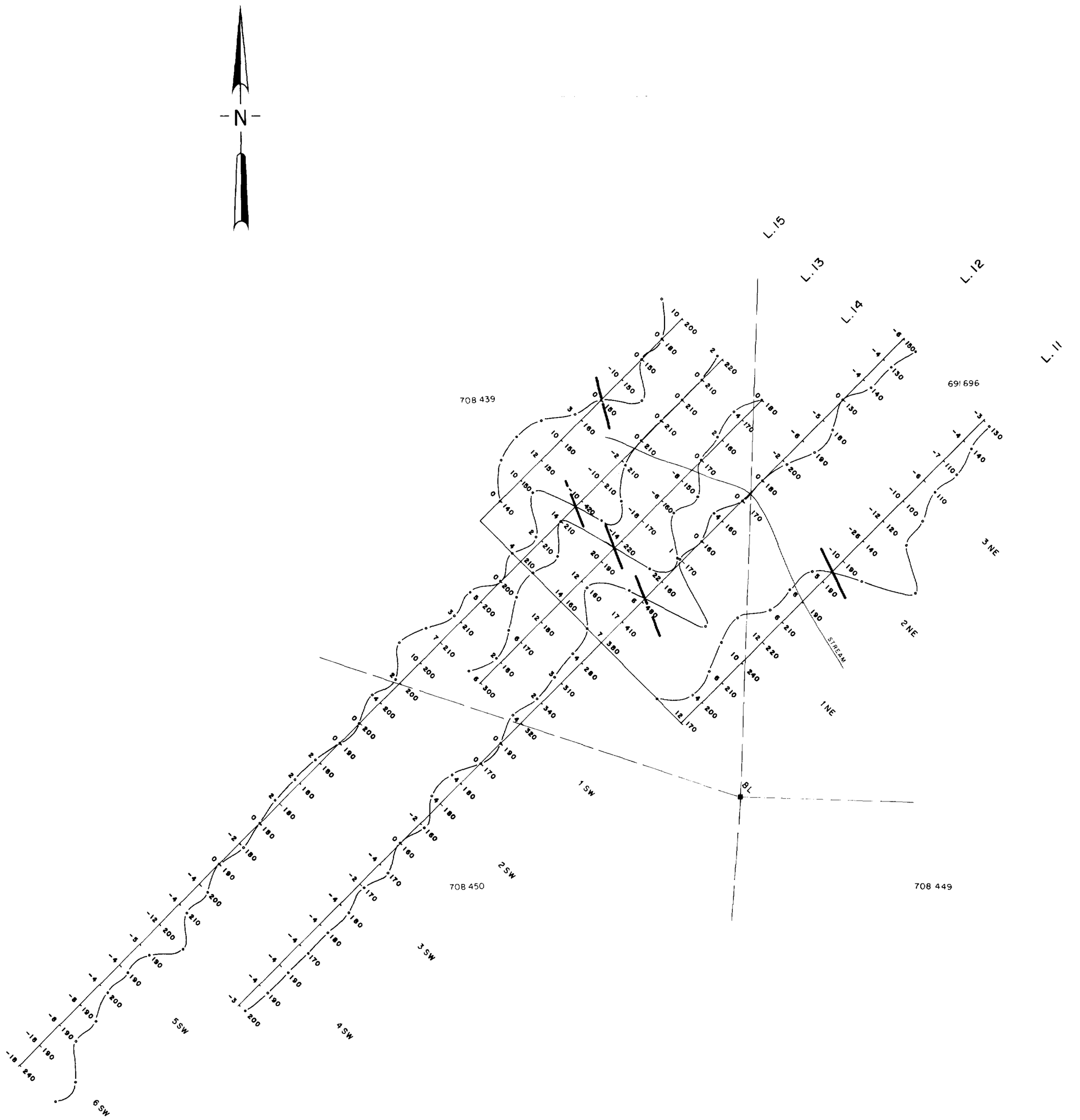
MISHIBISHU PUKASKWA AREA

VLF-EM SURVEY

GRID 17

SCALE 1:2500 | PLATE 1

J-1876



DIP | FIELD STRENGTH
10 | 100
0 | 90
-10 | 80
10° 0 -10°
1 cm = 10°
CUTLER TRANSMITTER

2.9668

CAPTAIN CONSOLIDATED RESOURCES LTD.

MISHIBISHU PUKASKWA AREA

VLF-EM SURVEY

GRID 20

SCALE 1:2500 | PLATE 1

J-1576