

GEOPHYSICAL REPORT

INDUCED POLARIZATION SURVEY

ON THE

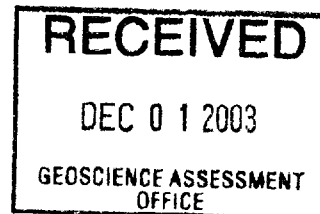
"KYANITE PROPERTY"

ANTOINE/BUTLER TOWNSHIPS

SUDBURY MINING DISTRICT, ONTARIO

For

KYANITE MINING CORPORATION



Submitted by: R.J. MEIKLE & ASSOCIATES
R.J. MEIKLE
November, 2003



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INTRODUCTION

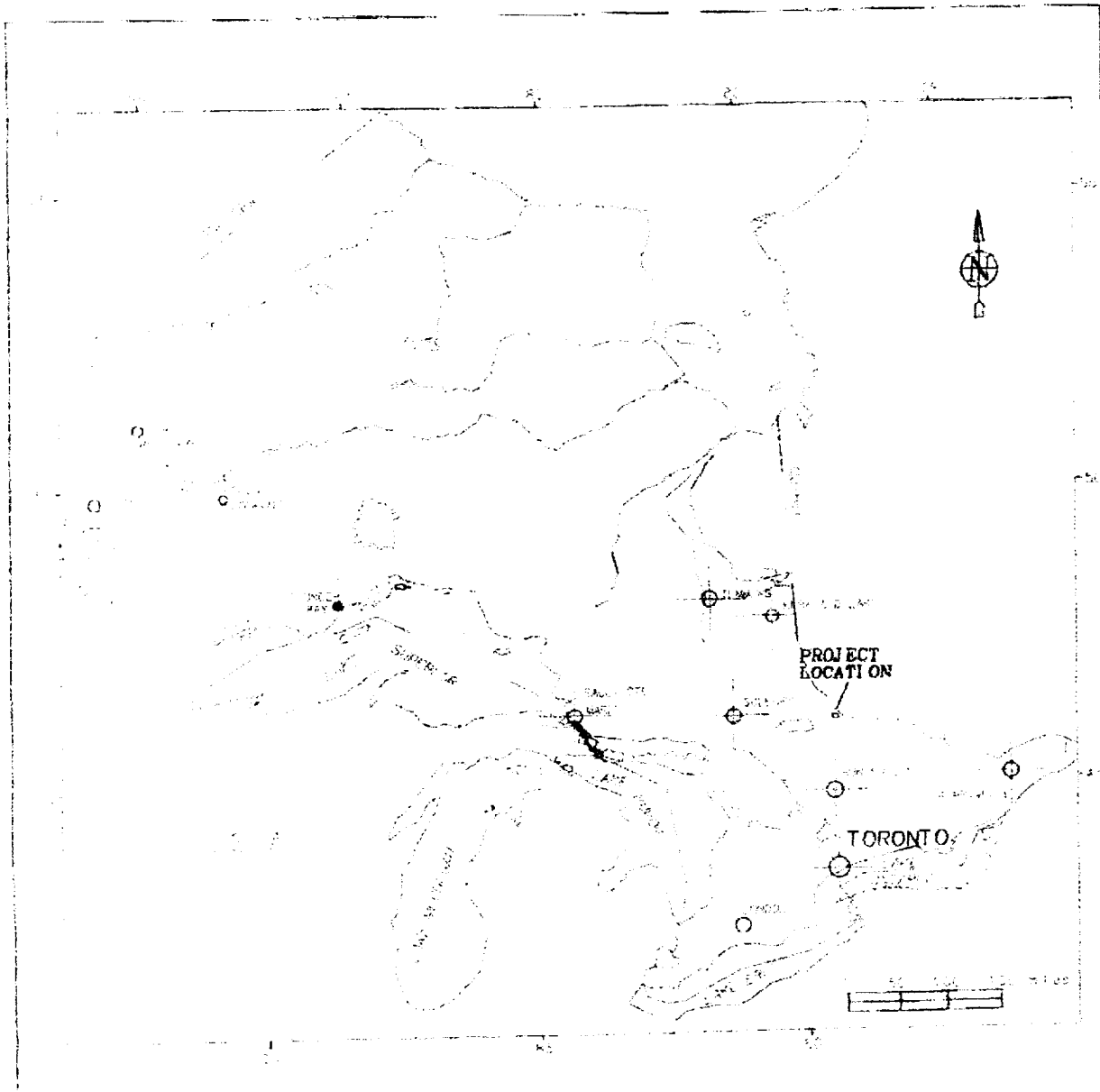
The subject of this report is an Induced Polarization Survey carried out on the "Kyanite Property", Sudbury Mining Division, Ontario, for Kyanite Mining Corporation. The work was carried out by R.J. Meikle & Associates, North Bay, Ontario.

The Kyanite mineralization on the property is for the most part easily identified and outlined by surface mapping and as such, no geophysics has been done in the past. However, some of the drill holes drilled to outline the Kyanite deposit intersected copper, nickel, and gold in the adjacent "pyritized quartzite" geological unit. The I.P. Survey, subject of this report was carried out to test for areas of higher sulphide mineralization within this unit as well as obtain an I.P. "signature" over the other geological units to determine the scope of a larger scale geophysical program in the future.

CLAIMS, LOCATION AND ACCESS

The I.P. Survey was carried out on parts of 10 leased mining claims, part of a larger group, registered in the name of Kyanite Mining Corporation. The claims are as follows, S345897, S340760, S340737, ST56641, S340736, S345818, S345817, S323928, S323927, T56638, straddling the boundary of Butler and Antoine Townships, Sudbury Mining Division, Ontario.

Access to the area is by Highway 63E approximately 32 km, east of North Bay, Ontario, and South on Highway 533, approximately 7km, then east approximately 3km on a gravel road to the claim group.



PROVINCE OF ONTARIO

FIG 1

KYANITE MINING CORPORATION		
LOCATION MAP		
KYANITE PROPERTY		
SUDBURY MINING DIVISION, ONTARIO		
Date: OCT. 2003	Scale: 1" = 50 km	N. S.
Drawn: R.M.	Approved: R.M.	File: LDC

CLAIM LOCATION SKETCH KYANITE MINING CORP. ANTOINE/BUTLER TWPS., ONT

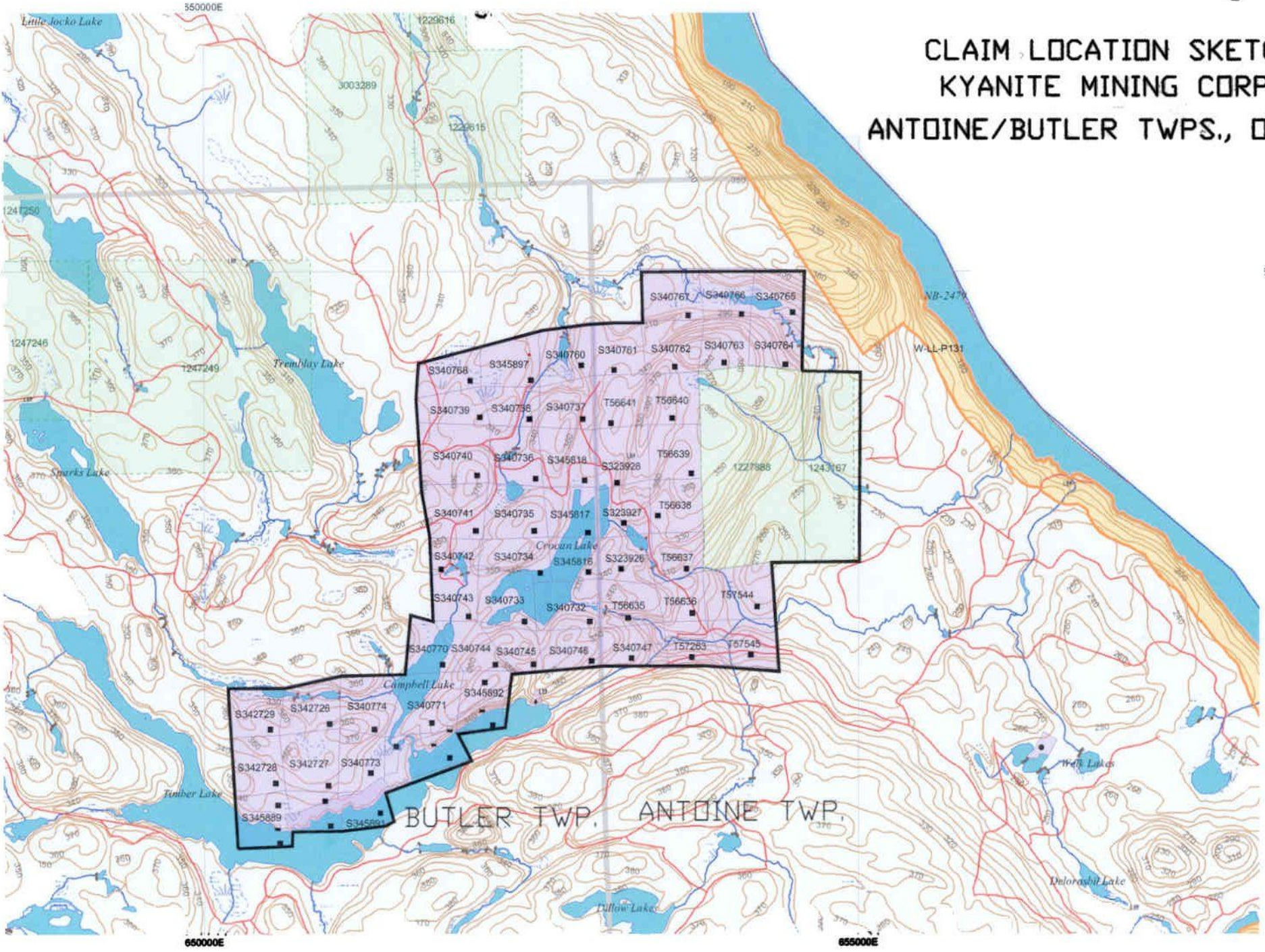




FIG 3

I.P. PROFILE LOCATIONS

UTM Zone 17
1000m grid

GENERAL GEOLOGY

The property is reported to be underlain by an alternating series of north-east striking Hornblende-Biotite Gneiss, Pyritized Quartzite, Kyanite-Muscovite Gneiss, Feldspathic Gneiss, and Pegmatites. All are reported to be dipping to the north-west. Previous work has focused on the massive Kyanite mineralization, with a geological reserve outlined.

GEOPHYSICAL PROGRAM

I.P. Survey

The I.P. Survey was performed on 4 east-west, south-east profiles, designed to provide a cross-section across the geological units described above. Parts of existing roads were utilized where the direction was suitable, stations were chained with marked flagging every 25 meters. A "Dipole-Dipole" electrode array was used with an "a" spacing of 25m, reading N=1 to 4.

The following is a brief description of the theory and parameters used for the survey:

General IP Theory

The IP method involves applying voltage across two electrodes in a pulsed manner i.e. 2 seconds on, 2 seconds off. A second "dipole" or electrode pair, measures the residual potential or voltage between them after the voltage is shut off or during the 2 second off cycle. The potential is recorded at different times after the shut off. If, for example, there is sulphide mineralization within the measuring dipoles, they will be polarized or charges set up on the sulphide particles. This polarization gives the zone a capacitor effect, thereby delaying the current dissipation resulting in a higher chargeability reading or residual voltage across the measuring dipoles a pre-determined time, (milliseconds) after the transmitter "shut off".

A typical signature for many gold showings would be a chargeability high, resistivity high and magnetic low. This would be characteristic of a mineralized, highly altered carbonated and/or silicified zone. However, this is by no means the only geological setting for gold, therefore every profile should be looked at individually and correlated with all other geophysical-geological data.

A typical signature for base metals such as copper, and or nickel would be a high chargeability associated with a higher concentration of sulphides, and a low resistivity due to the low conductivity of the sulphides.

Electrode Array

The electrode array used for the survey was the Dipole-Dipole Array. In this array two current electrodes (C1, C2) and two receiver or potential electrodes are moved down a line in unison. In this case the "a" spacing or distance between each dipole was fixed at 25 meters apart. For an N=1 reading, the closest C1 and P1 were 25 meters apart. The C1-C2 dipole remain in the same place while the potential dipole (P1-P2) moves ahead one "a" spacing and the array is ready for an N=2 reading, and so on.

IP Survey Parameters

The IP survey was carried out using the following parameters:

Method: Time Domain
Electrode Array: Dipole-Dipole
"a" spacing: 25 meters
Number of Dipoles Read: 1-4
Pulse Duration: 2 seconds on, 2 seconds off
Delay Time: 310 milliseconds
Integration Time: 140 milliseconds
Receiver: Scintrex IPR-12
Transmitter: Scintrex IPC-9, 200 watt
Data Presentation: Individual Psuedosections for each
of profiles 1-4.
Scale: 1:2500

SURVEY RESULTS

The I.P. Survey outlined several highly chargeable zones, some highly conductive, others with a moderate to high resistivity. They are described under each profile as follows:

Profile 1N

Anomaly 'A'

-anomaly 'A' is a broad generally resistive zone from 225mE to 600mE with a resistive section centered at 275mE and a moderately resistive zone centered at 525mE.

Anomaly 'B'

-anomaly 'B' is a highly chargeable, extremely conductive on the east end of the line. It is open to the east due to Crocan Lake.

Profile 2N

Anomaly 'C'

-anomaly 'C' is on the west end of profile 2N, open to the west.
-it is highly chargeable and conductive.

Anomaly 'D'

-this is a broad highly chargeable, moderately resistive zone from 25mE to 275mE.

Anomaly 'E'

-this is a highly chargeable, very conductive zone from 275mE to 400mE, open to the east.
-this anomaly is very similar to anomaly 'B' on profile 1N to the east.

Profile 3N

Anomaly 'F'

-anomaly 'F' is a broad moderately resistive, moderately chargeable anomaly with a higher chargeable zone centered at 200mE.
-the zone is from 75mE to 230mE.

Profile 4N

Anomaly 'G'

-anomaly 'G' is a highly chargeable, conductive zone from 560mE to 620mE.

Anomaly 'H'

-anomaly 'H' is a moderately chargeable, moderately resistive zone on the west flank of anomaly 'G'.

Anomaly 'I'

-anomaly 'I' is a highly chargeable, moderately resistive zone on the east flank of anomaly 'G'.

-this anomaly is reported to be coincident with a Kyanite zone.

CONCLUSIONS AND RECOMMENDATIONS

The I.P. Survey outlined several anomalies, both of the resistive and conductive types. Because of the presence of copper-nickel-gold mineralization in some of the previous drill holes it is strongly recommended that the geophysical responses obtained on the I.P. profiles be correlated with known geology and drill hole data.

Because the focus of previous exploration has been on Kyanite mineralization, it is important to determine what type of if any of the above described anomalies are coincident with the base metal and gold values.

The I.P. anomalies should be explained by trenching and or diamond drilling. Based on the results, a more comprehensive geophysical program comprised of Linecutting, Magnetics, and I.P. Survey should be completed.

CERTIFICATION

I, Raymond Joseph Meikle of Timmins, Ontario hereby certify that:

1. I hold a three year Technologist Diploma from the Haileybury School of Mines, Haileybury, Ontario, obtained in May 1975.

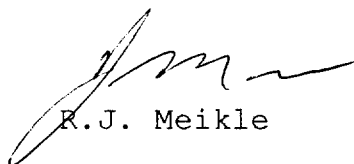
2. I have been practising my profession since 1973 in Ontario, Quebec, Nova Scotia, New Brunswick, Newfoundland, NWT, Manitoba, Greenland, Colorado, Nevada, Germany and Chile.

3. I have been employed directly with Teck Corporation, Metallgesellschaft Canada Ltd. Sabina Industries, .S. Middleton Exploration Services Ltd., self employed 1979-1997 (Rayan Exploration Ltd.) and with Geophysical Engineering & Surveys Inc., currently with R.J. Meikle & Associates.

4. I have based conclusions and recommendations contained in this report on knowledge of the area, my previous experience and on the results of the fieldwork conducted on the property during 2003.

5. I hold no interest, directly or indirectly in this property, nor do I expect to receive any interest or considerations from the property, other than for professional fees rendered.

Dated this 17th day of November, 2003
at North Bay, Ontario.


R.J. Meikle

APPENDIX 'A'

SCINTREX IPR-12

TIME DOMAIN I.P. RECEIVER

SCINTREX

IPR-12 Time Domain Induced Polarization/Resistivity Receiver

Brief Description

The IPR-12 Time Domain IP/Resistivity Receiver is principally used in exploration for precious and base metal mineral deposits. In addition, it is used in geoelectrical surveying for groundwater or geothermal resources, often to great depths. For these latter targets, the induced polarization measurements may be as useful as the high accuracy resistivity results since it often happens that geological materials have IP contrasts when resistivity differences are absent.

Due to its integrated, lightweight, microprocessor based design and its large, 16 line display screen, the IPR-12 is a remarkably powerful, yet easy to use instrument. A wide variety of alphanumeric and graphical information can be viewed by the operator during and after the taking of readings. Signals from up to eight potential dipoles can be measured simultaneously and recorded in solid-state memory along with automatically calculated parameters. Later, data can be output to a printer or a PC (direct or via modem) for processing into profiles and maps.

The IPR-12 is compatible with Scintrex IPC and TSQ Transmitters, or others which output square waves with equal on and off periods and polarity changes each half cycle. The IPR-12 measures the primary voltage (Vp), self potential (SP) and time domain induced polarization (Mi) characteristics of the received waveform. Resistivity, statistical and Cole-Cole parameters are calculated and recorded in memory with the measured data and time.

Scintrex has been active in induced polarization research, development, manufacturing, consulting and surveying for over thirty years. We offer a full range of instrumentation, accessories and training.



The IPR-12 Receiver measures spectral IP signals from eight dipoles simultaneously then records measured and calculated parameters in memory.

Benefits

Speed Up Surveys

The IPR-12 saves you time and money in carrying out field surveys. Its capacity to measure up to eight dipoles simultaneously is far more efficient than older receivers measuring a single dipole. This advantage is particularly valuable in drillhole logging where electrode movement time is minimal.

The built-in, solid-state memory records all information associated with a reading, dispensing with the need for any hand written notes. PC compatibility means rapid electronic transfer of data from the receiver to a computer for rapid data processing.

Taking a reading is simple and fast. Only a few keystrokes are virtually needed

since the IPR-12 features automatic circuit resistance checks, SP buckout and gain setting.

High Quality Data

One of the most important features of the IPR-12 in permitting high quality data to be acquired, is the large display screen which allows the operator easy real time access to graphic and alphanumeric displays of instrument status and measured data. The IPR-12 ensures that the operator obtains accurate data from field work.

The number and relative widths of the IP decay curve windows have been carefully chosen to yield the transient information required for proper interpretation of spectral IP data. Timings are selectable to permit a very wide range of responses to be measured.

Specifications

Inputs

1 to 8 dipoles are measured simultaneously.

Input Impedance

16 Megohms

SP Bucking

±10 volt range. Automatic linear correction operating on a cycle by cycle basis.

Input Voltage (Vp) Range

50 μ volt to 14 volt

Chargeability (M) Range

0 to 300millivolt

Tau Range

1 millisecond to 1000 seconds

Reading Resolution of Vp, SP and M

Vp, 10 microvolt; SP, 1 millivolt; M, 0.01 millivolt/volt

Absolute Accuracy of Vp, SP and M

Better than 1%

Common Mode Rejection

At input more than 100db

Vp Integration Time

10% to 80% of the current on time.

IP Transient Program

Total measuring time keyboard selectable at 1, 2, 4, 8, 16 or 32 seconds. Normally 14 windows except that the first four are not measured on the 1 second timing, the first three are not measured on the 2 second timing and the first is not measured on the 4 second timing. (See diagram on page 2.) An additional transient slice of minimum 10 ms width, and 10ms steps, with delay of at least 40 ms is keyboard selectable.

Transmitter Timing

Equal on and off times with polarity change each half cycle. On/off times of 1, 2, 4, 8, 16 or 32 seconds. Timing accuracy of ±100 ppm or better is required.

External Circuit Test

All dipoles are measured individually in sequence, using a 10 Hz square wave. The range is 0 to 2 Mohm with 0.1kohm resolution. Circuit resistances are displayed and recorded.

Synchronization

Self synchronization on the signal received at a keyboard selectable dipole. Limited to avoid mistriggering.

Filtering

RF filter, 10 Hz 6 pole low pass filter, statistical noise spike removal.

Internal Test Generator

1200 mV of SP; 807 mV of Vp and 30.28 mV/V of M.

Analog Meter

For monitoring input signals; switchable to any dipole via keyboard.

Keyboard

17 key keypad with direct one key access to the most frequently used functions.

Display

16 lines by 42 characters, 128 x 256 dots, Backlit Liquid Crystal Display. Displays instrument status and data during and after reading. Alphanumeric and graphic displays.

Display Heater

Available for below -15°C operation.

Memory Capacity

Stores approximately 400 dipoles of information when 8 dipoles are measured simultaneously.

Real Time Clock

Data is recorded with year, month, day, hour, minute and second.

Digital Data Output

Formatted serial data output for printer and PC etc. Data output in 7 or 8 bit ASCII, one start, one stop bit, no parity format. Baud rate is keyboard selectable for standard rates between 300 baud and 51.6 kBaud. Selectable carriage return delay to accommodate slow peripherals. Handshaking is done by X-on/X-off.

Standard Rechargeable Batteries

Eight rechargeable Ni-Cad D cells. Supplied with a charger, suitable for 110/230V, 50 to 60 Hz, 10W. More than 20 hours service at +25°C, more than 8 hours at -30°C.

Ancillary Rechargeable Batteries

An additional eight rechargeable Ni-Cad D cells may be installed in the console along with the Standard Rechargeable Batteries. Used to power the Display Heater or as back up power. Supplied with a second charger. More than 6 hours service at -30°C.

Use of Non-Rechargeable Batteries

Can be powered by D size Alkaline batteries, but rechargeable batteries are recommended for longer life and lower cost over time.

Operating Temperature Range

-30°C to +50°C

Storage Temperature Range

-30°C to +50°C

Dimensions

Console: 355 x 270 x 165 mm

Charger: 120 x 95 x 55mm

Weights

Console: 5.8 kg

Standard or Ancillary Rechargeable

Batteries: 1.3 kg

Charger: 1.1 kg

Transmitters available

IPC-9 200 W

TSQ-2E 750 W

TSQ-3 3 kW

TSQ-4 10 kW

SCINTREX

In Canada

222 Snidercroft Rd. Tel.: (905) 669-2280
Concord, Ontario Fax: (905) 669-6403
Canada, L4K 1B5 Telex: (905) 06-964570

In the U.S.A.

85 River Rock Drive Tel.: (716) 298-1219
Unit # 202 Fax: (716) 298-1317
Buffalo, N.Y.
U.S.A. 14207

Date: 2003-DEC-05

GEOSCIENCE ASSESSMENT OFFICE
933 RAMSEY LAKE ROAD, 6th FLOOR
SUDBURY, ONTARIO
P3E 6B5

KYANITE MINING CORPORATION
P.O. BOX 486,
HIGHWAY 15 SOUTH
DILLWYN, VIRGINIA
23936 UNITED STATES

Tel: (888) 415-9845
Fax: (877) 670-1555

Submission Number: 2.26765
Transaction Number(s): W0370.01897

Dear Sir or Madam

Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact BRUCE GATES by email at bruce.gates@ndm.gov.on.ca or by phone at (705) 670-5856.

Yours Sincerely,



Ron C. Gashinski
Senior Manager, Mining Lands Section

Cc: Resident Geologist

Ronald Murray Blais
(Agent)

Kyanite Mining Corporation
(Assessment Office)

Assessment File Library

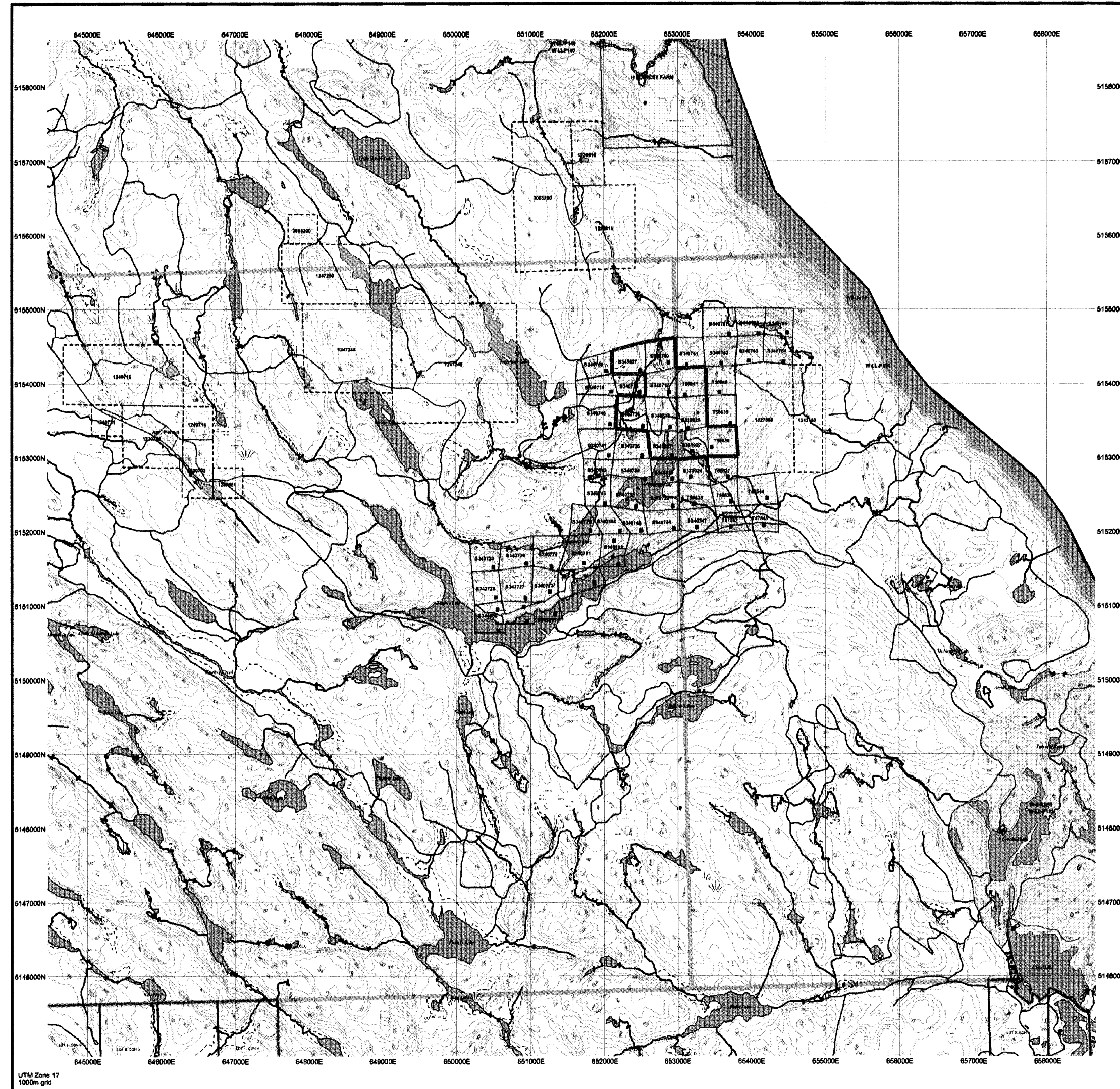
Kyanite Mining Corporation
(Claim Holder)

Date / Time of Issue: Fri Dec 05 10:16:19 EST 2003

TOWNSHIP / AREA PLAN
BUTLER G-1722

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division Sudbury
 Land Titles/Registry Division NIPISSING
 Ministry of Natural Resources District NORTH BAY



TOPOGRAPHIC

- Administrative Boundaries
- Township
- Commons Lot
- Product Plat
- Indian Reserve
- CSP PIA & Pte
- Center
- Mine Shaft
- Mine Headframe
- Railway
- Road
- Tan
- Natural Gas Pipeline
- Utilities
- Tower

Land Tenure

Freehold Patent

- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Leasehold Patent

- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

License of Occupation

- License Not Specified
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Other

- Land Use Permit
- Order In Council (Not open for bidding)
- Water Power Lease Agreement
- Mining Claim
- Filed Only Mining Claims

LAND TENURE WITHDRAWALS

1294 Areas Withdrawn from Disposition

Mining Act Withdrawal Types

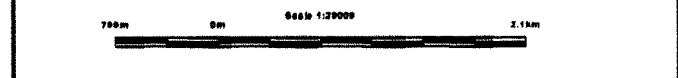
- W'm Surface And Mining Rights Withdrawal
- W's Surface Rights Only Withdrawal
- W'm Mining Rights Only Withdrawal
- W's Mining Rights Only Withdrawal

Order In Council Withdrawal Types

- W'm Surface And Mining Rights Withdrawal
- W's Surface Rights Only Withdrawal
- W'm Mining Rights Only Withdrawal
- W's Mining Rights Only Withdrawal

IMPORTANT NOTICES

1294



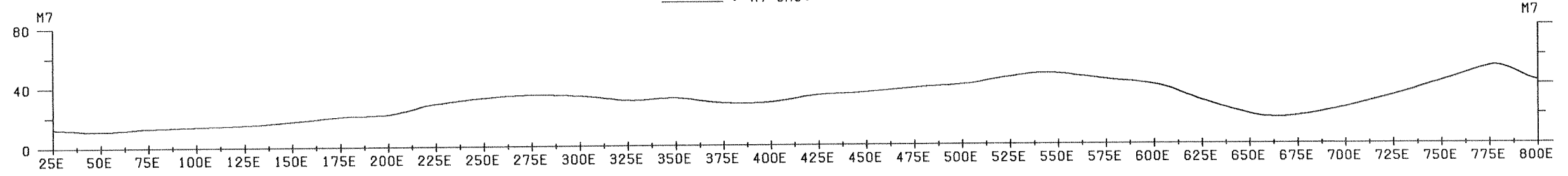
LAND TENURE WITHDRAWAL DESCRIPTIONS

Ident No.	Type	Date	Description
W-L-P123	W'm	Feb 14, 2003	W-L-P123
W-L-P131	W'm	Oct 12, 2003	W-L-P131
W-L-P140	W'm	Feb 14, 2003	W-L-P140
W-L-P150	W'm	Aug 29, 2004	W-L-P150
W-S-0305	W'm	Feb 8, 1995	WITHDRAWAL W-S-0305 08/02/95 S & M 1995/05

**2.26765
IP**



FRASER FILTERED
CHARGEABILITY
PROFILE



25E 50E 75E 100E 125E 150E 175E 200E 225E 250E 275E 300E 325E 350E 375E 400E 425E 450E 475E 500E 525E 550E 575E 600E 625E 650E 675E 700E 725E 750E 775E 800E

HIGH CHG/ RESISTIVE HIGH CHG/MOD. RESISTIVE HIGH CHG/CONDUCTIVE

M7 CHG.

N:1	5.7	2.1	4.9	5.4	6.3	7.0	10.0	9.1	22.5	24.5	30.2	37.0	29.5	29.5	22.9	27.5	27.8	27.4	33.4	34.1	44.2	46.1	42.8	44.1	28.6	14.2	12.7	17.2	18.7	25.6	44.1	25.9
N:2	14.7	11.9	16.2	11.4	10.7	16.5	21.5	21.5	31.4	39.2	35.6	27.9	34.9	32.4	27.4	27.1	42.9	34.3	39.9	43.5	52.1	51.5	45.4	39.2	21.8	13.2	12.9	24.9	29.3	56.9	80.3	
N:3	19.3	15.6	17.3	19.0	21.9	23.7	26.3	27.7	41.7	38.7	23.9	33.6	33.0	32.2	24.9	31.7	52.2	35.5	43.7	48.6	50.0	46.0	34.2	30.2	18.5	12.7	25.7	35.5	53.2	14.3		
N:4	10.3	12.9	21.6	30.6	26.3	26.6	28.5	37.2	40.8	27.1	33.1	28.4	32.5	28.2	32.6	28.7	47.8	32.8	43.2	44.0	45.9	37.9	27.5	32.1	18.5	26.5	37.5	80.0	53.7			

M7 CHG.

N:1
N:2
N:3
N:4

LAKE @ 825E

RESISTIVITY

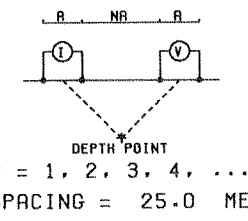
N:1	2.2K	5.0K	5.1K	10.0K	9.4K	2.5K	4.6K	12.7K	9.1K	8.5K	13.0K	8.4K	4.9K	6.5K	2.6K	2.8K	2.6K	1.7K	2.1K	1.4K	5.5K	4.2K	4.0K	3.7K	2.5K	1.7K	1.5K	2.6K	1.9K	1.5K	42.0	450.0
N:2	1.2K	2.8K	2.1K	4.6K	2.7K	3.4K	5.8K	9.0K	8.9K	11.6K	12.7K	5.1K	8.1K	6.8K	2.5K	2.8K	3.2K	2.1K	1.4K	1.7K	6.9K	5.4K	4.7K	3.3K	2.4K	2.8K	3.1K	2.6K	2.0K	19.0	52.0	
N:3	1.8K	1.6K	2.7K	2.9K	3.9K	7.6K	5.4K	7.0K	8.0K	10.6K	6.5K	6.8K	8.4K	5.6K	2.2K	8.5K	2.8K	2.4K	1.6K	2.2K	6.4K	5.1K	4.4K	2.8K	3.4K	4.4K	2.9K	1.8K	21.0	23.0		
N:4	290.8	21.2K	1.9K	4.7K	6.8K	6.9K	3.9K	7.8K	6.9K	4.9K	7.8K	6.9K	8.5K	4.8K	2.6K	3.0K	2.8K	3.9K	1.8K	3.1K	7.2K	4.7K	3.6K	3.4K	4.5K	3.6K	1.8K	77.0	32.0			

RESISTIVITY

N:1
N:2
N:3
N:4

LINE : 1 N

INDUCED POLARIZATION
SURVEY
DIPOLE-DIPOLE ARRAY



INSTRUMENTS

RECEIVER: SCINTREX IPR-12
TRANSMITTER: SCINTREX IPC9, 200W

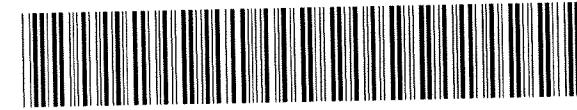
KYANITE MINING CORP.

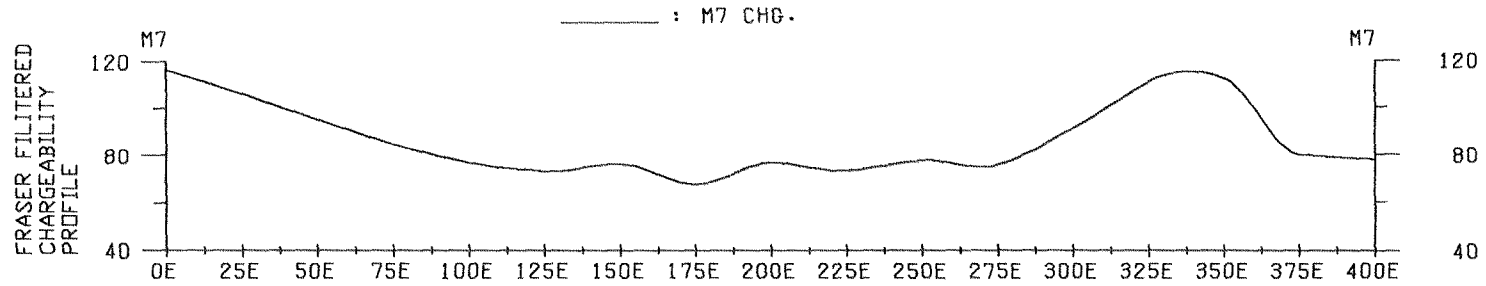
ANTOINE TOWNSHIP
SUDBURY MINING DIVISION

DATE : OCT./2003 REF : L1

SCALE = 1 : 2500

R.J. MEIKLE & ASSOCIATES





HIGH CHARGEABILITY/CONDUCTIVE HIGH CHARGEABILITY/MOD. RESISTIVE HIGH CHARGEABILITY/CONDUCTIVE
 0E 25E 50E 75E 100E 125E 150E 175E 200E 225E 250E 275E 300E 325E 350E 375E 400E

M7 CHG. M7 CHG.

N:1	92.7	67.5	60.0	58.6	76.7	69.8	71.2	46.1	70.2	66.0	69.9	52.2	83.3	119.7	145.1	94.9	85.1
N:2	96.5	103.5	87.1	79.4	64.5	81.3	65.0	70.7	75.8	69.4	84.7	62.8	104.1	153.5	103.8	69.4	76.4
N:3	125.9	124.8	87.5	67.3	74.0	71.8	88.6	71.7	75.8	78.5	87.8	79.8	86.5	95.4	68.6	46.4	
N:4	150.8	112.4	74.7	77.5	65.3	86.4	89.2	64.7	84.8	78.0	101.2	115.8	87.8	88.7	82.4		

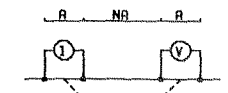
RESISTIVITY RESISTIVITY

N:1	266.0	491.0	1.3K	1.5K	1.1K	46.0	3.1K	1.5K	1.7K	1.6K	571.0	1.2K	99.0	182.0	86.0	59.0	96.0
N:2	409.0	312.0	1.8K	1.4K	951.0	2.0K	3.6K	1.5K	1.4K	996.0	1.3K	71.0	243.0	47.0	34.0	181.0	57.0
N:3	242.0	344.0	1.9K	1.2K	2.2K	2.6K	3.0K	1.2K	23.0	2.0K	69.0	228.0	51.0	35.0	124.0	112.0	
N:4	265.0	342.0	1.7K	2.6K	2.7K	2.2K	2.3K	35.0	1.8K	1.4K	92.0	70.0	32.0	130.0	74.0		

LINE : 2 N

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



N = 1, 2, 3, 4, ...
 "A" SPACING = 25.0 METRES

INSTRUMENTS

RECEIVER: SCINTREX IPR-12
 TRANSMITTER: SCINTREX IPC-9, 200W

KYANITE MINING CORP.

ANTOINE TOWNSHIP

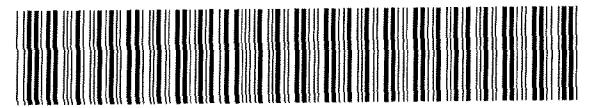
SUDBURY MINING DIVISION

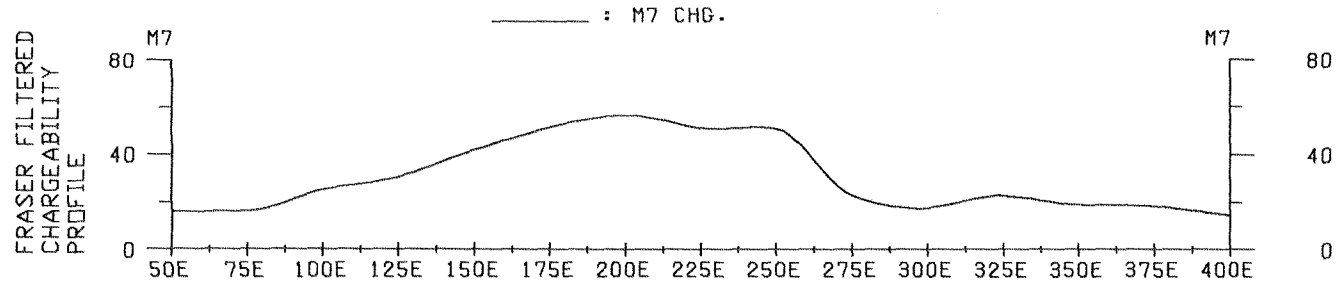
DATE : OCT./2003

REF : L2

SCALE = 1 : 2500

R.J. MEIKLE & ASSOCIATES





MOD.CHG/MOD.RES HI CHG/MOD.RES MOD.CHG/MOD.CONDUCTIVE

M7 CHG.

N:1	3.9	2.0	25.1	15.8	25.2	34.0	34.8	32.8	64.5	3.5	8.5	24.1	19.8	20.1	10.3
N:2	13.6	7.1	15.4	37.1	45.1	46.3	68.8	40.1	49.2	4.0	18.5	29.0	17.4	22.7	9.0
N:3	15.5	17.6	37.6	49.2	46.6	78.5	67.8	23.5	37.1	15.9	20.2	20.8	14.3	20.2	
N:4	30.7	40.0	49.5	60.8	74.7	80.4	68.4	24.1	46.9	17.0	11.8	17.0	11.4		

M7 CHG.

N:1
N:2
N:3
N:4

RESISTIVITY

N:1	1.6K	46.0	4.9K	4.6K	4.6K	2.4K	1.9K	1.5K	2.0K	2.2K	1.0K	31.0	496.0	1.4K	620.0
N:2	2.8K	1.4K	5.3K	6.9K	4.3K	3.2K	2.0K	1.4K	2.3K	2.6K	1.0K	71.0	1.4K	1.5K	42.0
N:3	3.2K	1.4K	6.4K	5.8K	4.7K	2.8K	1.6K	1.5K	2.6K	2.3K	1.0K	2.0K	2.0K	1.8K	
N:4	2.9K	1.8K	5.2K	5.2K	4.6K	1.9K	1.5K	1.6K	2.4K	2.3K	2.2K	2.9K	2.1K		

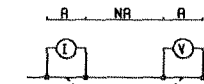
RESISTIVITY

N:1
N:2
N:3
N:4

LINE : 3

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



DEPTH POINT
N = 1, 2, 3, 4, ...
"A" SPACING = 25.0 METRES

INSTRUMENTS

RECEIVER: SCINTREX IPR-12
TRANSMITTER: SCINTREX IPC9, 200W

KYANITE MINING CORP.

ANTOINE TOWNSHIP

SUDBURY MINING DIVISION

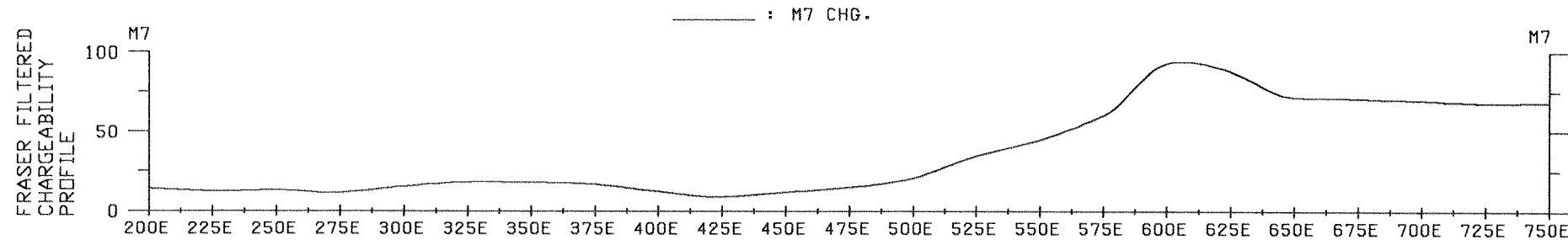
DATE : OCT./2003

REF : L3

SCALE = 1 : 2500

R.J. MEIKLE & ASSOCIATES





MOD.CHG/MOD.RES HIGH CHG/COND MOD.HI CHG/MOD.COND
 200E 225E 250E 275E 300E 325E 350E 375E 400E 425E 450E 475E 500E 525E 550E 575E 600E 625E 650E 675E 700E 725E 750E

M7 CHG.

N:1	10.5	7.1	6.7	9.9	15.8	20.4	24.0	25.4	11.3	3.0	5.6	9.1	18.4	33.2	19.3	27.3	102.9	72.5	40.6	57.1	60.5	60.6	64.1
N:2	12.1	9.4	15.8	11.8	20.1	26.8	17.9	22.8	11.2	7.4	15.4	21.1	15.8	36.9	45.5	11.8	108.7	38.8	62.9	70.5	73.8	61.5	70.4
N:3	12.6	12.8	17.6	10.5	17.4	13.3	6.6	3.9	9.1	9.0	20.1	10.2	23.8	61.2	16.8	79.3	107.1	35.2	68.1	71.7	69.0	64.0	
N:4	21.2	17.5	18.6	12.2	9.9	16.3	18.6	15.6	16.1	19.8	15.7	23.0	52.8	83.1	89.1	78.7	92.0	100.4	62.3	66.1	75.3		

M7 CHG.

N:1
N:2
N:3
N:4

RESISTIVITY

N:1	1.9K	1.3K	62.0	873.0	2.1K	2.7K	3.9K	3.5K	1.5K	02.0	614.0	929.0	1.2K	1.5K	1.5K	40.0	165.0	484.0	682.0	715.0	845.0	980.0	524.0
N:2	1.8K	1.2K	1.2K	1.3K	2.2K	2.5K	2.3K	1.1K	1.0K	796.0	880.0	1.1K	1.0K	1.2K	82.0	220.0	189.0	452.0	410.0	634.0	735.0	1.1K	731.0
N:3	1.7K	1.3K	1.7K	1.4K	2.1K	1.6K	62.0	1.0K	1.5K	1.1K	0.0K	1.0K	664.0	434.0	248.0	180.0	172.0	231.0	528.0	615.0	753.0	1.3K	
N:4	1.8K	1.8K	2.0K	1.4K	1.2K	52.0	857.0	1.8K	2.0K	1.4K	1.1K	617.0	212.0	192.0	149.0	142.0	184.0	340.0	734.0	669.0	967.0		

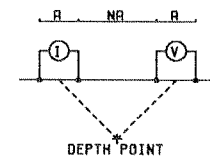
RESISTIVITY

N:1
N:2
N:3
N:4

LINE : 4 N

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



DEPTH POINT

N = 1, 2, 3, 4, ...

"A" SPACING = 25.0 METRES

INSTRUMENTS

RECEIVER: SCINTREX IPR-12
 TRANSMITTER: SCINTREX IPC-9, 200W

KYANITE MINING CORP.

ANTOINE TOWNSHIP

SUDBURY MINING DIVISION

DATE : OCT./2003

REF : L4

SCALE = 1 : 2500

R.J. MEIKLE & ASSOCIATES

