REPORT ON

1997 WORK PROGRAM
(Trenching and Induced Polarization to June 11, 1997)

MISHIBISHU PROPERTIES
MACASSA CREEK BLOCK

SAULT STE. MARIE MINING DIVISION

ONTARIO

FOR

MURGOR RESOURCES INC.

June 18th, 1997
Thunder Bay, ON

D. MacLean
J.G. Clark
Clark-Eveleigh Consulting

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INTRODUCTION

Clark-Eveleigh Consulting was contracted to manage a program of trenching, sampling and induced polarization for Murgor Resources Inc. on Murgor's Macassa Creek Block of the Mishibishu Properties. The Mishibishu Properties comprise 4 claim blocks (the Macassa Creek, Mishi Creek, Birch and Missing Lake blocks) located within the Sault Ste. Marie Resident Geologist's District and the Sault Ste. Marie Mining Division (Figures 1 and 2).

This report provides background information regarding these properties, presents the results of the 1997 exploration program on the Macassa Creek Block.

The information presented in this report has, to a large degree, been taken from the following unpublished reports prepared by Clark-Eveleigh Consulting: "Recommendations for Exploration on Murgor Resources Inc.'s Mishibishu Properties" (Clark 1996) and "Report on 1996 Prospecting and Sampling Program, Mishibishu Properties, Sault Ste. Marie Mining Division, Ontario, for Murgor Resources Inc." (McKay 1996).

MISHIBISHU PROPERTIES (MACASSA CREEK BLOCK)

Location and Access

The Mishibishu Properties are located approximately 300 kilometres east of Thunder Bay and 50 kilometres southwest of Wawa within the Sault Ste. Marie Mining Division (Figure 1). The properties are centred on latitude 48 degrees, 02 minutes and longitude 85 degrees, 28 minutes and lie within NTS blocks 41N/14NW and 42C/03SW. They are recorded on the David Lake (G-3765), Mishibishu Lake (G-3772) and Point Isacor (G-3778) claim maps. The properties comprise four claim blocks (the Macassa Creek, Mishi Creek, Birch and Missing Lake blocks) accessible via the Eagle River Mine road which either crosses through or lies within 2 kilometres of the properties (Figure 2). The Eagle River Mine road departs southerly from Highway 17 approximately 50 kilometres west of Wawa. The properties are located between 35 and 45 kilometres south on the Eagle River Mine road. A power transmission line parallels the Eagle Mine road along its entire length.

The access to the Macassa Creek Block is via a series of deteriorated drill and backhoe trails that depart west from the Eagle River Road at approximately 50 kilometres south of Highway 17. To provide sufficient support for a camp a tracked bombardier and quad runners were utilized. Previous access was completed using foot or helicopter.

The community of Wawa provides manpower, supplies and services to logging, mining and exploration industries currently active in the area. Wawa is easily accessed and provides rail, ship, road and air transportation facilities.

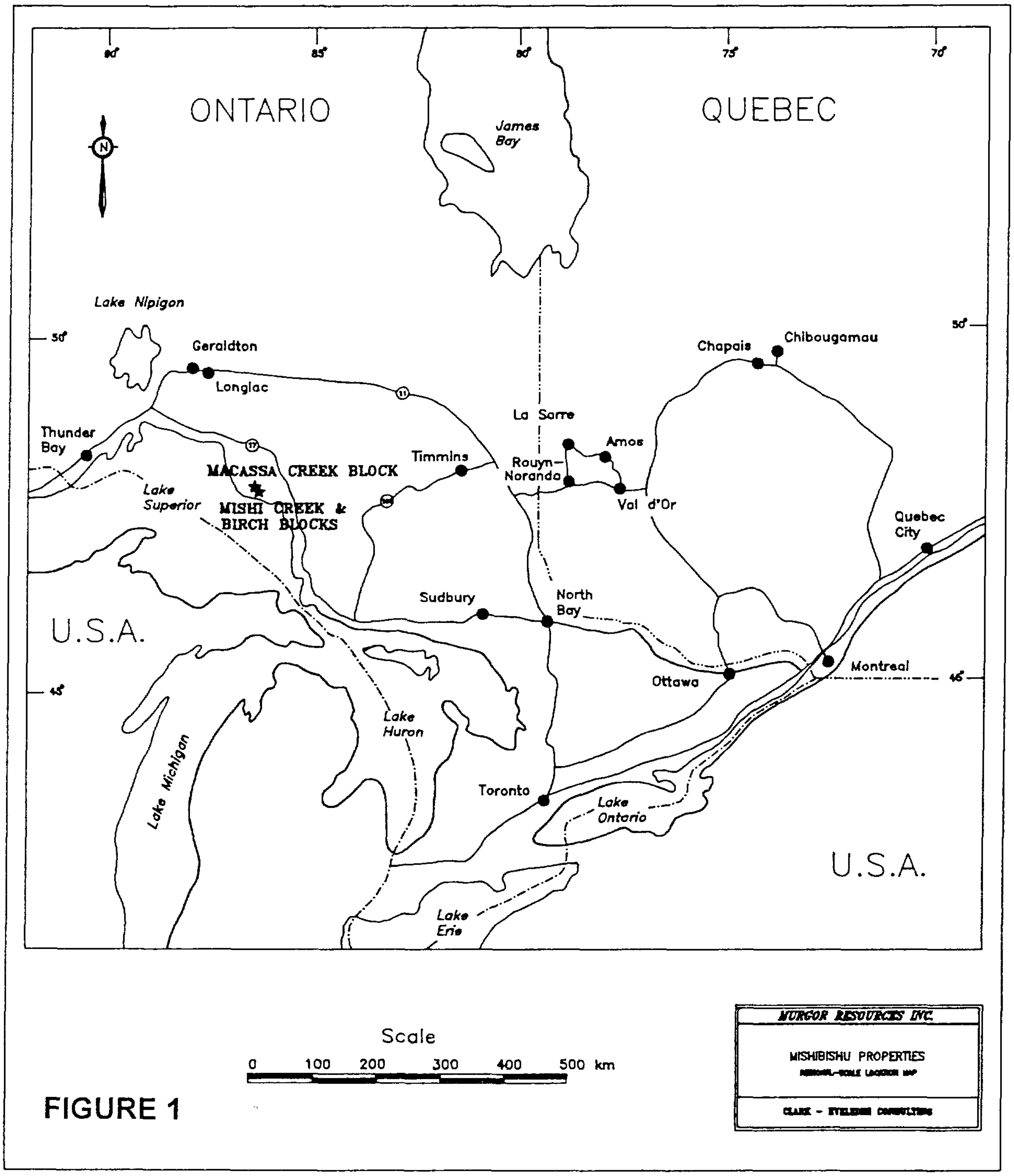
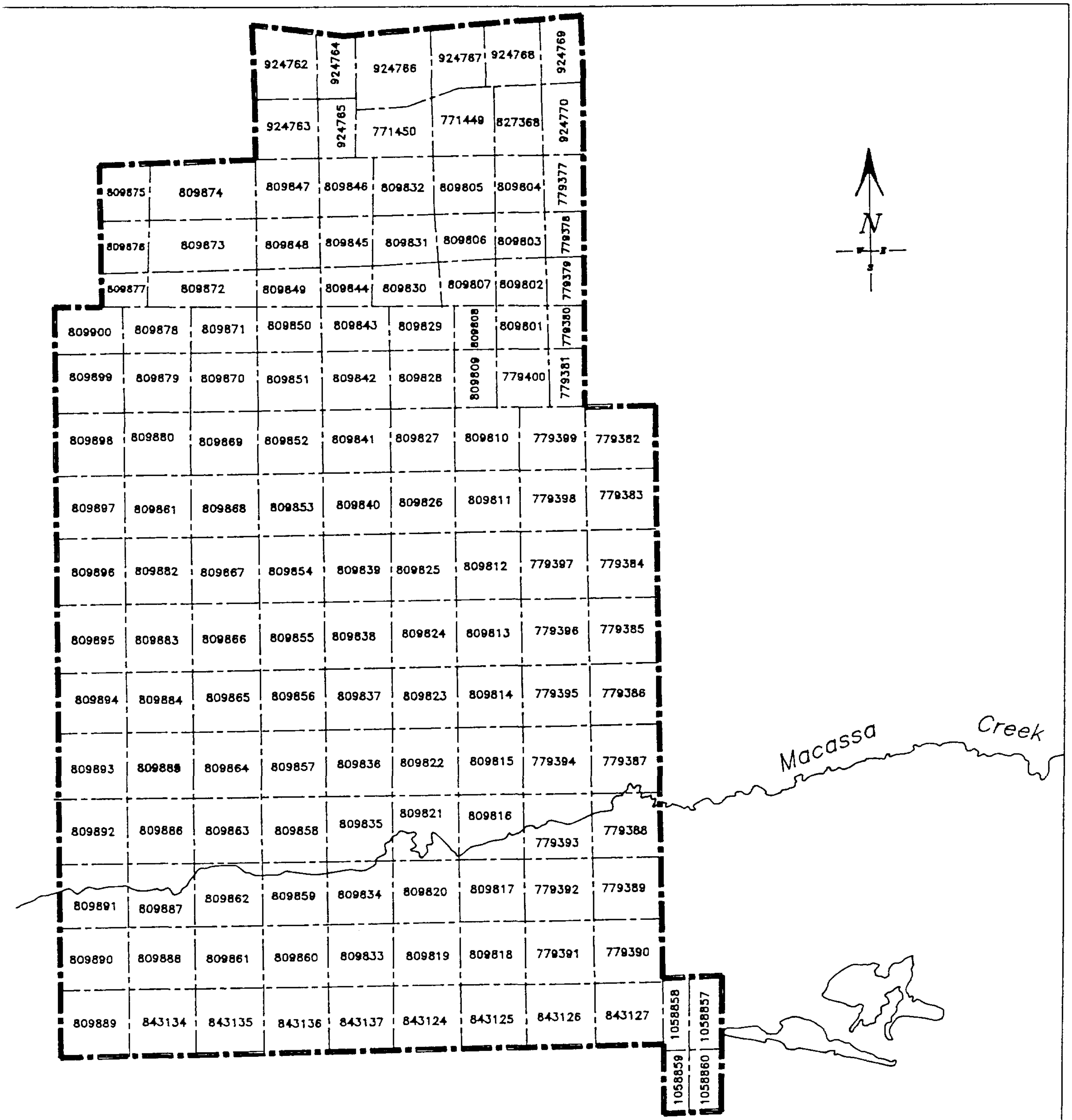


FIGURE 1

Figure 1. Regional–scale map showing the location of the Mishibishu Properties.



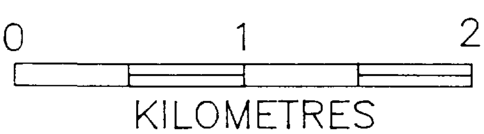


FIGURE 2

MURGOR RESOURCES INC.
MISHIBISHU PROPERTIES MACASSA CREEK BLOCK CLAIMS
CLARK – EVELEIGH CONSULTING

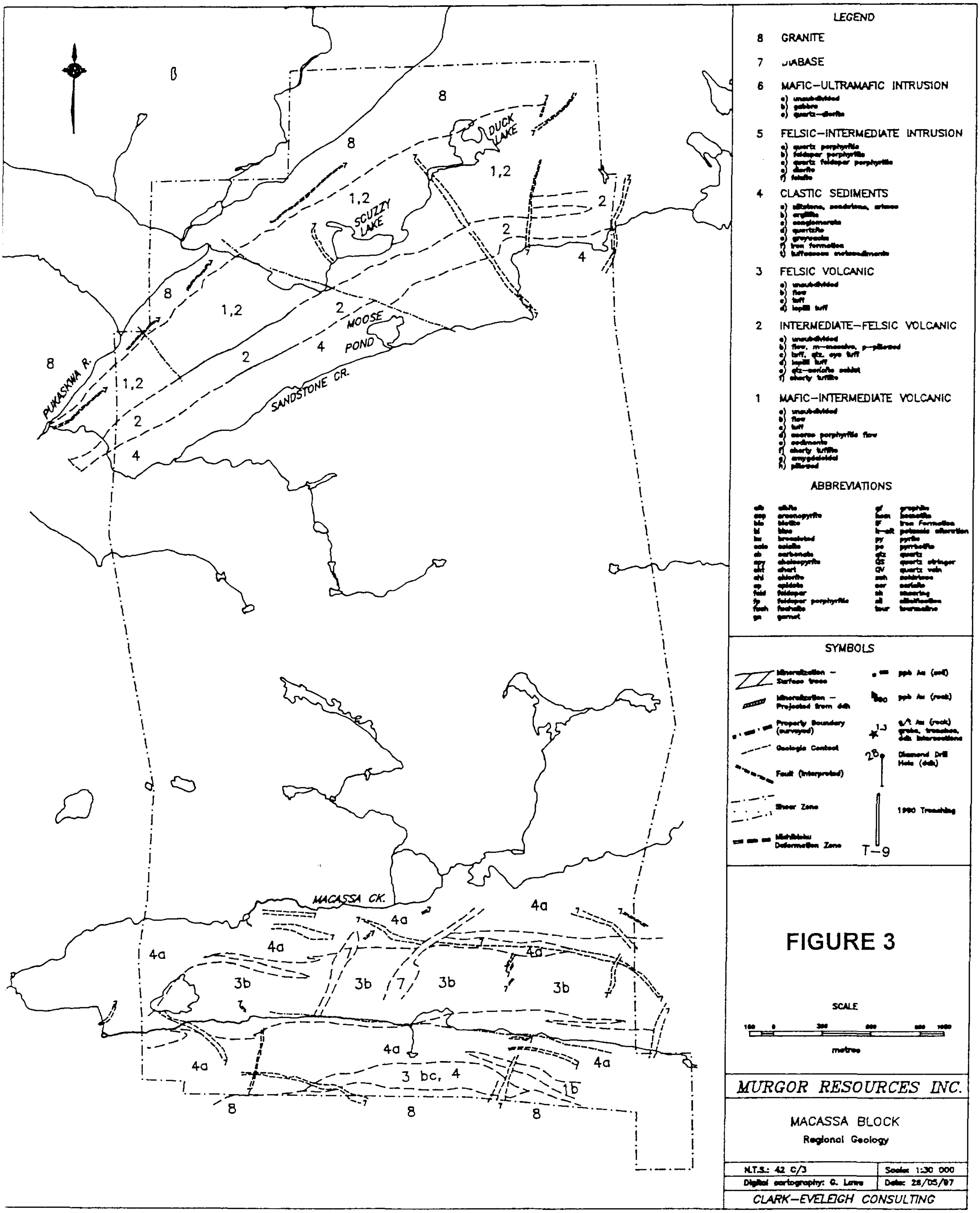
Claims

The Macassa Creek Block comprises 148 claims (148 units) recorded in good standing within the Sault Ste. Marie Mining Division. The claims are located within the Mishibishu Lake (G-3772) and David Lake (G-3765) claim map areas and are shown in Figure 3 and tabulated below:

Macassa Creek Block

SS 771449 (1 unit)	SS 771450 (1 unit)	SS 779377 (1 unit)
SS 779378 (1 unit)	SS 779379 (1 unit)	SS 779380 (1 unit)
SS 779381 (1 unit)	SS 779382 (1 unit)	SS 779383 (1 unit)
SS 779384 (1 unit)	SS 779385 (1 unit)	SS 779386 (1 unit)
SS 779387 (1 unit)	SS 779388 (1 unit)	SS 779389 (1 unit)
SS 779390 (1 unit)	SS 779391 (1 unit)	SS 779392 (1 unit)
SS 779393 (1 unit)	SS 779394 (1 unit)	SS 779395 (1 unit)
SS 779396 (1 unit)	SS 779397 (1 unit)	SS 779398 (1 unit)
SS 779399 (1 unit)	SS 779400 (1 unit)	SS 809801 (1 unit)
SS 809802 (1 unit)	SS 809803 (1 unit)	SS 809804 (1 unit)
SS 809805 (1 unit)	SS 809806 (1 unit)	SS 809807 (1 unit)
SS 809808 (1 unit)	SS 809809 (1 unit)	SS 809810 (1 unit)
SS 809811 (1 unit)	SS 809812 (1 unit)	SS 809813 (1 unit)
SS 809814 (1 unit)	SS 809815 (1 unit)	SS 809816 (1 unit)
SS 809817 (1 unit)	SS 809818 (1 unit)	SS 809819 (1 unit)
SS 809820 (1 unit)	SS 809821 (1 unit)	SS 809822 (1 unit)
SS 809823 (1 unit)	SS 809824 (1 unit)	SS 809825 (1 unit)
SS 809826 (1 unit)	SS 809827 (1 unit)	SS 809828 (1 unit)
SS 809829 (1 unit)	SS 809830 (1 unit)	SS 809831 (1 unit)
SS 809832 (1 unit)	SS 809833 (1 unit)	SS 809834 (1 unit)
SS 809835 (1 unit)	SS 809836 (1 unit)	SS 809837 (1 unit)
SS 809838 (1 unit)	SS 809839 (1 unit)	SS 809840 (1 unit)
SS 809841 (1 unit)	SS 809842 (1 unit)	SS 809843 (1 unit)
SS 809844 (1 unit)	SS 809845 (1 unit)	SS 809846 (1 unit)
SS 809847 (1 unit)	SS 809848 (1 unit)	SS 809849 (1 unit)
SS 809850 (1 unit)	SS 809851 (1 unit)	SS 809852 (1 unit)
SS 809853 (1 unit)	SS 809854 (1 unit)	SS 809855 (1 unit)
SS 809856 (1 unit)	SS 809857 (1 unit)	SS 809858 (1 unit)
SS 809859 (1 unit)	SS 809860 (1 unit)	SS 809861 (1 unit)
SS 809862 (1 unit)	SS 809863 (1 unit)	SS 809864 (1 unit)
SS 809865 (1 unit)	SS 809866 (1 unit)	SS 809867 (1 unit)
SS 809868 (1 unit)	SS 809869 (1 unit)	SS 809870 (1 unit)
SS 809871 (1 unit)	SS 809872 (1 unit)	SS 809873 (1 unit)
SS 809874 (1 unit)	SS 809875 (1 unit)	SS 809876 (1 unit)
SS 809877 (1 unit)	SS 809878 (1 unit)	SS 809879 (1 unit)
SS 809880 (1 unit)	SS 809881 (1 unit)	SS 809882 (1 unit)
SS 809883 (1 unit)	SS 809884 (1 unit)	SS 809885 (1 unit)
SS 809886 (1 unit)	SS 809887 (1 unit)	SS 809888 (1 unit)
SS 809889 (1 unit)	SS 809890 (1 unit)	SS 809891 (1 unit)
SS 809892 (1 unit)	SS 809893 (1 unit)	SS 809894 (1 unit)
SS 809895 (1 unit)	SS 809896 (1 unit)	SS 809897 (1 unit)
SS 809898 (1 unit)	SS 809899 (1 unit)	SS 809900 (1 unit)
SS 827368 (1 unit)	SS 843124 (1 unit)	SS 843125 (1 unit)

SS 843126 (1 unit) SS 843127 (1 unit) SS 843134 (1 unit)
SS 843135 (1 unit) SS 843136 (1 unit) SS 843137 (1 unit)
SS 924762 (1 unit) SS 924763 (1 unit) SS 924764 (1 unit)
SS 924765 (1 unit) SS 924766 (1 unit) SS 924767 (1 unit)
SS 924768 (1 unit) SS 924769 (1 unit) SS 924770 (1 unit)
SS 1058857 (1 unit) SS 1058858 (1 unit) SS 1058859 (1 unit)
SS 1058860 (1 unit)


LEGEND
8 GRANITE
7 DIABASE
6 MAFIC–ULTRAMAFIC INTRUSION
5 FELSIC–INTERMEDIATE INTRUSION
4 CLASTIC SEDIMENTS
3 FELSIC VOLCANIC
2 INTERMEDIATE–FELSIC VOLCANIC
1 MAFIC–INTERMEDIATE VOLCANIC
ABBREVIATIONS
SYMBOLS
T–9
FIGURE 3
SCALE
metres
MURGOR RESOURCES INC.
MACASSA BLOCK
Regional Geology
N.T.S.: 42 C/3
Scale: 1:30 000
Digital cartography: G. Lowe
Date: 28/05/97
CLARK–EVELEIGH CONSULTING
DUCK LAKE
SCUZZY LAKE
MOOSE POND
SANDSTONE CR.
PUKASKWA R.
MACASSA CK.
1,2
2
4
8
4a
3b
3 bc, 4

Generalized Regional Geology

The late Archean Mishibishu Lake greenstone belt lies within the Wawa Subprovince of the Superior Structural Province (Figure 4). Volcanic rocks within the belt are dominated by one sequence of mafic (magnesium to iron tholeiite) massive to pillowed flows and associated pyroclastic units (Bowen 1986). Thin (1 to 5 metre wide) intermediate-felsic flows and pyroclastic rocks are intercalated with the mafic volcanic sequence. Interflow chemical (magnetite-chert, magnetite iron stone) and clastic sedimentary rocks (conglomerate-turbidites) mark quiescent and rapid uplift/erosional periods within the belt. Coarse-grained locally porphyritic mafic rocks have been interpreted as thick flows and/or sills and dikes. Felsic to intermediate sills, dikes and plutons occur locally within the belt and vary in composition (quartz-feldspar porphyritic granite to porphyritic diorite) and size.

External batholiths enclose the supracrustal rocks. These batholiths predate the supracrustal rocks and are complex and multiphase in composition. These rocks are locally gneissic and vary in texture from being well-foliated to massive. Their composition varies from diorite to muscovite-biotite-tonalite to hornblende granite.

A batholith, pluton and stock intrude the belt and form ovoid shaped bodies. The Bowman Lake Batholith is a composed of massive to foliated biotite- and muscovite-biotite-granodiorite and granite (Bowen 1986). The Central Pluton is relatively homogeneous and composed of porphyritic biotite-monzogranite and granodiorite. The Mishibishu Lake Stock is massive and composed of a specular hematite- and magnetite-bearing monzonite to quartz monzonite.

Archean diabase dikes crosscut all rock units. The dikes are oriented northerly, northwesterly and to a lesser extent northeasterly.

Regional metamorphism of the belt is of greenschist facies grade with amphibolite facies grade occurring at the contacts with the stocks and batholiths.

Regional Gold Mineralization

Exploration completed from the mid-1980's to the present has located numerous gold occurrences and mineral reserves within the Mishibishu greenstone belt. The gold mineralizaton is associated with quartz veins and sulfides (arsenopyrite-pyrite-chalcopyrite-pyrrhotite-galena) within areas of high strain (shear zones) and intense alteration. Large-scale structures have been mapped by government geologists and exploration by private industry has located significant gold trends in the belt.

Gold mineralization commonly occurs within deformation zones localized along lithological contacts (Heather 1986). Alteration associated with these structures includes chlorite-carbonate (calcite-ankerite), chlorite-sericite and sericite-quartz. Individual deformation zones are commonly metres to hundreds of metres wide and tens of kilometres long. The Mishibishu Deformation Zone for example, has been traced along strike for over 20 kilometres and varies in width up to 500 metres (Heather 1986). Other large deformation zones include the Eagle River and Rook Lake zones.

The most significant gold mineralization located to date occurs within the Mishibishu Deformation Zone (the Mishi Deposit: 1.4 million tonnes @ 4.26 grams gold/ tonne) and the Eagle River Deformation Zone (the Eagle River Mine: 1.05 million tonnes @ 12.67 grams gold per tonne). Exploration conducted during the 1980's located numerous smaller gold showings in the various named and unnamed deformation zones within the belt. These showings have received varying amounts of exploration and/or development since their discovery.

Previous Exploration

The Mishibishu Lake greenstone belt has been explored intermittently since gold was first discovered in the area by Hollinger Gold Mines Ltd. in the 1930's. The discovery of the Hemlo gold deposit in the early 1980's initiated significant amounts of exploration in the Mishibishu Lake greenstone belt culminating in the development of the Eagle River Gold Mine.
Sporadic exploration has also been conducted in the belt for base metals but, to date, no economic deposits have been discovered.

Previous work filed for assessment credit and archived in the Sault Ste. Marie Resident Geologist's Office in Sault Ste. Marie includes:

Macassa Creek Block

1983: Airborne geophysical survey (magnetic, electromagnetic and VLF-Electromagnetic) completed by Aerodat Inc. for Dominion Explorers Inc..

1983-
1984: Ground geophysical (magnetic and VLF-EM) surveys completed by Dominion Explorers Inc.. The surveys defined the ground locations of conductors and magnetic trends located by the airborne surveys.

1984-
1986: Prospecting, soil sampling and geological mapping completed by Dominion Explorers Inc. located numerous gold showings along the Mishibishu Deformation Zone.

1986: Induced polarization survey completed by Dominion Explorers Inc. to evaluate potential of tracing gold showings by conductivity.

1986-
1987: Dominion Explorers Inc. completed diamond drilling (26 holes totalling 2211 metres) to assess gold showings and geophysical anomalies.

1988-
1989: Noranda Exploration Company Ltd. completed an integrated program of geological mapping, prospecting, soil sampling, diamond drilling and trenching. The program expanded and defined the known areas of gold mineralization.

1996: Clark-Eveleigh Consulting completed magnetic and VLF-EM surveys and a two day prospecting program with helicopter assistance. The programs identified the gold mineralized horizons.

Property Geology

The Macassa Creek Block is located within the Mishibishu Lake greenstone belt. The block is underlain by rocks and structures favourable to host gold mineralization similar to that found at the Eagle River Mine (1.05 million tonnes @ 12.67 grams gold per tonne) and the Mishi Deposit (1.4 million tonnes @ 4.26 grams gold per tonne). The geology of the block is summarized below:

The block is underlain by two sequences (north and south) of west-southwest trending volcanic rocks that flank a thick clastic sedimentary sequence. The volcanic rocks consist of amphibolitized, massive, mafic to intermediate flows intercalated with narrow felsic units. The sedimentary rocks comprise a series of polymictic conglomeratic horizons within a series of gritty quartz sandstones and dirty wackes. Late diabase dikes cross cut all rock types.

The Mishibishu Deformation Zone crosses the north part of the block. The rocks within the deformation zone are well foliated, chlorite-calcite schists (mafic volcanic protolith) and gritty, quartz-chlorite (+/-sericite) schists (sedimentary protolith). The degree of alteration and deformation within the zone varies in intensity and thickness (100-800 metres) along strike.

Gold mineralization on the Macassa Creek Block is located within quartz-veined, highly strained, grey, siliceous, quartz eye-bearing rocks. Pervasive carbonate, amphibole, garnet, biotite and sericite alteration varies along strike within the deformation zone. The tourmaline, pyrite, arsenopyrite and ankerite-bearing quartz veins range in width from 1 to 40 centimetres and often have 3-4 centimetre wide haloes containing coarse-grained (0.5 centimetre) disseminated arsenopyrite crystals. Visible gold occurs as rare fine-grained specks within the quartz.

The metamorphic grade of the supracrustal rocks underlying the Macassa Creek Block is upper greenschist to lower amphibolite facies.

Property Gold Mineralization

Exploration completed in the 1980's located numerous gold showings on Murgor Resources Inc.'s Mishibishu Properties. This exploration included a limited amount of diamond drilling that confirmed, in most cases, the depth continuity of the surface mineralization. The gold mineralization discovered to date on the Macassa Creek Block is summarized below:

Macassa Creek Block

Gold mineralization on the Macassa Creek Option has been located within the Mishibishu Deformation Zone and the Blackberry Creek Zone.

The gold mineralization in the Mishibishu Deformation Zone has been traced by surface sampling and diamond drilling over an area up to 800 metres wide and 2.0 kilometres long. The highly strained, quartz-veined, arsenopyrite-rich zones produce the most consistent gold values. Past exploration has defined three high strain zones within the broad Mishisbishu Deformation zone on the Macassa Creek option. Gold values returned from samples collected within the high strain zones include grab samples containing trace to 14.74 grams gold per tonne, trench channel samples containing trace to 11.69 grams gold per tonne over 0.8 metres and diamond drill core samples containing trace to 2.92 grams gold per tonne over 2.94 metres. The exploration completed to date has not fully evaluated the width nor strike length potential of the Mishibishu Deformation Zone.

The Blackberry Creek Zone has received only limited prospecting. The zone of shearing has been traced across width for up to 200 metres and along strike for of 0.8 kilometres. Limited grab sampling has returned assay values of trace to 3.27 grams gold per tonne.

1997 Exploration Program

Clark-Eveleigh Consulting was contracted to manage a trenching, sampling and induced polarization survey on Murgor Resources Inc.'s Macassa Creek Property (Map 1). The program was completed from May 24 to June 11, 1997. The program was shortened and hampered by forest fire conditions.

A camp was established on the east boundary of the claim block on claim SS 779377. The camp was mobilized and supported with a bombardier track vehicle and Quad runners. The camp was setup for 10 men with one being a cook and camp operator.

The trenching program was completed using a Cat 320 backhoe from May 26- June 4, 1997 (120 hours). The Cat and operator were provided by Pierre Gagne Contracting of Thunder Bay, On. The trenching was managed by Dave MacLean with assistance of 3 laborers. A high pressure pump, diamond bladed rocksaw and quad runner were the required mechanical equipment. Assays were taken of potential gold-bearing material and sent to Accurassay Labs of Thunder Bay for analysis.

The induced polarization survey was contracted to Quantec IP Inc. of Timmins, ON. The survey was completed using the Real Section technique on areas identified as anomalous using the Gradient IP method. The survey was completed between May 28 - June 11, 1997. The survey read 23.175 kilometres of lines. Additional cut lines required for the survey were cut by Clark-Eveleigh Consulting staff (~4.0 kilometres).

Presentation of the trench mapping and sampling and induced polarization sections are included in the map pocket.

IP Survey Details

Access

- **Base of Operations:** Exploration camp on the property.

Survey Grid

- **Co-ordinate Reference System:** local exploration grid.
- **Line Direction:** North South
- **Line Separation:** 100 meters
- **Station Interval:** 25 meters

Specifications

- **Array:** Gradient
- **AB length:** 50 to 2000 meters ± 10%
- **MN:** 5 or 25 meters.
- **Sampling Interval:** 5, 12.5 or 25 meters

Measurements Accuracy and Repeatability

1. **Chargeability:** generally less than ± 0.5mV/V but acceptable to ± mV/V.

2. **Resistivity:** less than 5% cumulative error from Primary voltage and Input current measurements.

More detailed descriptions on the theory and application of the IP/Resistivity method, and the gradient Real Section technique can be found in the following reference papers:

Cogan, H., 1973, Comparison of IP electrode arrays Geophysics, 38 737-761.

Langore., L., Alikaj, P. Achievements in copper sulphide exploration in Albania Gjovreku D., 1989 with IP and EM methods, Geophysical Prospecting 37, p 95-941.

Instrumentation

- **Receiver:** IRIS IP-6

- **Transmitter:** Huntec Mk4 @ 7.5 kW, Phoenix IPT-1 @ 2 KW, Huntec Mk3 "LOPO" @ 300 watts.

- **Power Supply:** Onan/Bendix 18 kVA (Huntec), Honda/MG-2 (Phoenix), 6x6 volt Ni-cad batteries ("LOPO").

Parameters

- **Input Waveform:** 0.125 hz square wave @ 50% duty cycle.

- **Receiver Sampling Parameters:** see table 2.

- **Measured Parameters:**

1) Chargeability in millivolts/Volt.

2) Primary Voltage in millivolts and Input Current in Amps for Resistivity calculation according to Gradient array geometry factors.

Results of the 1997 Program

The trenching program succeeded in outlining the blue-black quartz veinlet bearing zone (Map 2-9). The sample results are presented in Appendix II and Appendix III. The trenching concentrated on the exposure of zones previously diamond drilled or inferred on by the magnetic, VLF-EM and induced polarization surveys. The higher grade assays correspond to the increase of sulfide (pyrite>pyrrhotite>arsenopyrite) associated to the blue-black quartz veinlets.

The gradient induced polarization survey outlined conductive zones that were then examined in detail using the depth probing Real Section technique. The results are presented in 22 maps (Map 9-29). The results indicate the mineralization may be stronger at depth locally and previously untested in certain areas.

The conductive zone L3500N 55475E to L3900E 55550N corresponds to the main mineralization and the quality of the target increases at depth. Previous diamond drilling has identified the gold bearing potential of this zone but has not tested the better depth targets.

The conductive zone L2600E 55400E to L2900E 55475E corresponds to the extension of the main zone. The diamond drill testing of the zone was only on L2900E potentially not the best target for mineralization. The better target on this anomaly seems to be on L2700E at 50 to 100 metres vertical.

The conductive zone indicated at L2800E 55650N to L2900E 55650N has depth indications and has not been previously drill tested.

The conductive zone indicated at L2700E 55225N to L2900E 55250N corresponds to a lower zone indicated by previous work as being arsenopyrite bearing. The area has been grab sampled in a trench on L2700E with anomalous gold values indicated.

CONCLUSIONS AND RECOMMENDATIONS

The trenching and sampling program have successfully outlined the mineralized structure indicated by past diamond drilling. The larger areas exposed by the trenching have helped explain the structurally complexity of the gold-bearing zone.

The induced polarization survey indicates that the gold-bearing zones are continuous and very in intensity at depth. The detailed induced polarization also indicate areas that have not been diamond drill tested adequately.

An exploration program of further trenching and sampling followed by diamond drilling. The trenching should attempt to expose the induced polarization anomalies. The diamond drilling must be planned to target the induced polarization anomalies at the depths indicated by the present survey. Further induced polarization surveying may be required if the diamond drill program is successful.

STATEMENT OF QUALIFICATIONS

I, J. Garry Clark do hereby certify:

- I am a resident of Thunder Bay, Ontario, Canada with address 120 N. Robinson Dr., P7A 5G6

- I have been engaged in base and precious metal exploration as a geologist since 1983

- I am a graduate of Lakehead University, Thunder Bay, Ontario (H.B.Sc., Geology, 1983)

- I have reviewed all available technical data on the Mishibishu Properties.

- I am a partial owner of the Dorset and Cameron Lake Claim Blocks optioned to Murgor Resources Inc.

Signature: ______________________

Name: J. Garry Clark

Date: ______________________

GEOLOGICAL ASSOCIATION OF CANADA
J.G. CLARK
F 6448
FELLOW
ASSOCIATION GÉOLOGIQUE DU CANADA

REFERENCES

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Bowen, R.P., Logothetis, J., and Heather, K.B., 1986a: Precambrian Geology of the Mishibishu Lake Area, Northwestern Section, Districts of Thunder Bay and Algoma; Ontario Geological Survey, Map P.2968, Geological Series-Preliminary Map, scale 1:15840 or 1 inch to 1/4 mile.

1986b: Precambrian Geology of the Mishibishu Lake Area, North-Central Section, Districts of Thunder Bay and Algoma; Ontario Geological Survey. Map P.2969, Geological Series-Preliminary Map, scale 1:15840 or 1 inch to 1/4 mile.

1986c: Precambrian Geology of the Mishibishu Lake Area, Northeastern Section, Districts of Thunder Bay and Algoma; Ontario Geological Survey Map. P.2970. Geological Series-Preliminary Map, scale 1:15840 or 1 inch to 1/4 mile.

1986d: Precambrian Geology of the Mishibishu Lake Area, South-Central Section, Districts of Thunder Bay and Algoma; Ontario Geological Survey Map, P.2971, Geological Series-Preliminary Map, scale 1:15840 or 1 inch to 1/4 mile.

1986e: Precambrian Geology of the Mishibishu Lake Area, Southeastern Section, Districts of Thunder Bay and Algoma; Ontario Geological Survey Map, P.2972, Geological Series-Preliminary Map, scale 1:15840 or 1 inch to 1/4 mile.

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Heather, K.B. 1986: Mineralization of the Mishibishu Lake Greenstone Belt, District of Thunder Bay: in Summary of Field Work and Other Activities 1986, by the Ontario Geological Survey, edited by P.C. Thurston, Owen L. White, R.B. Barlow, M.E. Cherry, and A.C. Colvine, Ontario Geological Survey.

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APPENDIX I

TRENCH LITHOLOGY LEGEND

APPENDIX I

LEGEND

8 GRANITE

7 DIABASE

6 MAFIC-ULTRAMAFIC INTRUSION
- a) unsubdivided
- b) gabbro
- c) quartz-diorite

5 FELSIC-INTERMEDIATE INTRUSION
- a) quartz porphyritic
- b) feldspar porphyritic
- c) quartz feldspar porphyritic
- d) diorite
- e) felsite

4 CLASTIC SEDIMENTS
- a) siltstone, sandstone
- b) argillite
- c) conglomerate
- d) quartzite
- e) greywacke
- f) Iron Formation
- g) tuffaceous metasediments

3 FELSIC VOLCANIC
- a) unsubdivided
- b) flow
- c) tuff
- d) lapilli tuff

2 INTERMEDIATE-FELSIC VOLCANIC
- a) unsubdivided
- b) flow m-massive p-pillowed
- c) tuff, qtz eye tuff
- d) lapilli tuff
- e) qtz-sericite schist
- f) cherty tuffite

1 MAFIC-INTERMEDIATE VOLCANIC
- a) unsubdivided
- b) flow
- c) tuff
- d) coarse porphyritic flow
- e) sediments
- f) cherty tuffite
- g) amygdaloidal
- h) pillowed

SYMBOLS

72° 80° foliation

70° bedding

fault (arrows indicate displacement)

shearing

geological contact

fractures

quartz vein direction

quartz vein

secondary road

ABBREVIATIONS

w.f.	weak foliation	bl	blue
m.f.	moderate foliation	dk	dark
s.f.	strong foliation	lt	light
cm	centimeter	gy	grey
m	meter	hem	hematite
If	Iron formation	cb	carbonate
QV	quartz vein	chl	chlorite
QS	quartz stringer	py	pyrite
fp	feldspar porphyritic	ser	sericite
k-alt	potassic alteration	calc	calcite
asp	arsenopyrite	ep	epidote
cpy	chalcopyrite	bio	biotite
feld	feldspar	qtz	quartz
tour	tourmaline	fuch	fuchsite
sch	schistose	alb	albite
gf	graphite	cht	chert
po	pyrrhotite	gn	garnet
sil	silicification	tr	trace
bx	brecciated	sh	shearing

APPENDIX II

SAMPLE DESCRIPTIONS

SAMPLE REPORT SHEET

Project Area Macassa Creek Block

Trench # T-1

Sample #	Sample Type	Sample Location	Assays							Length	Sample Description
			Au ppb	Ag ppm	Cu	Zn	Pb				
69501	Rock(ch)	568.6N	20							0.5m	la, sil, chl, lt grey qtz, ank, 1% diss py
502		568.1N	<5							1.0	qtz-bio-chl sch, lt grey qtz, tr-1% diss py
503		567.1N	15							1.0	qtz-chl-ser sch, lt grey qtz-1-3% diss py/po
504		566.1N	8							1.0	bio-ser-chl sch, bl-grey qtz, tr py, siliceous
505		565.1N	33							1.0	bio-chl sch, tuff, 1-3% py, siliceous
506		564.1N	10							1.0	tuff qtz-chl sch, 1-5% ank, tr-1% py, lt grey qtz
507		563.1N	<5							1.0	qtz-chl sch, tuff, 5% ank, tr-1% py
508		562.1N	10							1.0	qtz-chl sch, tuff, 5% ank, 1-2% [illegible] bl-grey [illegible]
509		561.1N	10							1.0	chl-ank sch, 15% ank, well sheared
510		560.1N	40							1.0	la, sil, chl, tr py
511		559.1N	8							0.7	fine laminated tuff, chl, qtz rich, 2-4% po, strained, to 10%
512		558.4N	<5							0.8	" " ", chl-qtz, tr py, up to 5% ank
513		557.0N	11							0.6	lt-med grey qtz, tr-2% po/py, in tuff
514		556.0N	7							1.0	qtz-bio-chl sch, 1-3% py/po up to 10%, lt-grey qtz, near of V.G
515		555.0N	6							1.0	qtz-bio-chl sch, 1% diss py, 5% bl-grey qtz
516		554.0N	168							1.0	qtz-bio-chl sch, 1% diss py, 5% bl-grey qtz, 1% white qtz
517		553.0N	94							1.0	qtz-chl-bio sch, str. bio, tr py, 15% bl-grey qtz
518		552.0N	33							1.0	qtz-chl sch, sil, 1-4% py, 5% carb, 1-5% ank, tuffaceous
519		551.0N	14							0.8	qtz-chl-bio sch, fine laminated tuff, 1-3% py/po, siliceous
520		550.2N	9							1.0	qtz-ank-chl-bio sch, tr py, 5% ank

SAMPLE REPORT SHEET

Project Area Macassa Block
Trench T-1

Sample #	Sample Type	Sample Location	Assays: Au ppb	Ag ppm	Cu	Zn	Pb			Sample Description: Length	
69521	Rock (ch)	550.0N	33							1.0	chl-ser schist, very siliceous, laminated, tr-1% py, [illegible]
522		549.0N	19							1.0	qtz-(bio)-ank-chl sch, tr py
523		548.0N	432							1.0	qtz-ank-chl sch, tr-1% py, tr 5% ank
524		547.0N	212							1.1	qtz-ser-chl sch, tr po, tr-2% ank, lt gry qtz
525		546.0N	239							1.0	qtz-bio-chl sch, laminated, tr-1% po
526		545.0N	125							1.0	laminated tuff, ser-bio-chl sch, tr 5% ank, sil
527		544.0N	222							0.9	" " " " " " " " "
528		543.1N	187							1.0	laminated tuff, ank-chl sch / qtz ser sch, tr-1% py
529		542.1N	141							1.0	laminated, ank-ser-chl sch, strongly ank, tr-2% py, sil
530		541.1N	140							1.0	" " " " ", 5% ank, tr py, sil
531		540.1N	217							1.0	", ank-chl sch (bio?) tr-1% py, lt-med grey qtz
532		539.1N	223							1.0	qtz-ser. sch, tr diss py
533		538.1N	1083							1.0	qtz-ser-chl sch, sil, 5% py seams/ank
534		537.1N	269							1.0	med-dk bl. grey, tr. py
535		536.1N	163							1.0	str. sil, qtz-chl-ser sch, 50% sil bands, tr py, well foli'd
536		535.1N	1614							1.0	qtz-chl-bio sch (str. bio), tr py
537		534.1N	279							0.9	qtz-chl sch, lt-dk bl-grey qtz, up to 5% py as seams
538		533.2N	672							0.8	crenulated chl-ser, dk bl-grey qtz
539		532.4N	101							1.0	qtz-ser-chl, siliceous, tr py
540		531.4N	221							1.0	[illegible]

SAMPLE REPORT SHEET

Project Area Macassa Block

Trench T-1

Sample #	Sample Type	Sample Location	Assays							Sample Description	
			Au ppb	Ag ppm	Cu	Zn	Pb			Length	
69541	Rock(ch)	530.4N	86							1.0	ank-chl-bio sch, laminated, tr py
542		529.4N	477							1.0	ank-chl-bio sch, laminated, tr py, mod silica
543		528.4N	536							1.0	" " " " ", tr py
544		527.4N	1957							1.0	siliceous, ank-qtz-chl, laminated, tr-2% py/ [illegible]
545		526.4N	242							1.0	ank-qtz-chl, tr py, siliceous, dk grey qtz
546		525.4N	188							1.0	qtz-ser, tr py, dk-bl-grey qtz, minor ank
547		524.4N	434							1.0	ank-chl-ser, siliceous, tr py
548		523.4N	132							1.0	qtz-ser, tr py
549		535.0N	540							1.0	qtz-ser, dk bl-grey qtz, tr py
550		536.0N	507							1.0	str. sheared, ser schist, dk grey qtz, 1% py

SAMPLE REPORT SHEET

Project Area Macassa Creek Block
Trench T-2

Sample #	Sample Type	Sample Location	Assays Au ppb	Ag ppm	Cu	Zn	Pb			Length	Sample Description
69551	Rock (chl									1.0	qtz-chl, wk-mod ank, 3% py [illegible], white qtz
552	" "									1.0	la, chl, mod fol'n, wk ank, 1% py cubes,
553	" "									1.0	la, qtz-chl, 2% ank
554	" "									1.0	qt-ser, well fol'd, sil, white qtz, wk ank, tr py
555	" "									0.8	qtz-chl, white [illegible] grey qtz, ank, tr-2% py
556	" "									0.8	2a, qtz-chl, sil, wk ank, tr-?% py, to 5% bio
557	" "									1.1	la, chl-qtz, ank, tr-1% py
558	" "									0.9	la, chl, mod fol'd, tr py, white qtz
559	" "									1.0	qtz-chl, mod-well fol'd, la, tr py
560	"									1.0	qtz-bio-chl sch, well fol'd, ank, tr-2% py
561	"									1.0	la, chl, well fol'd, ank, tr py
562	"									1.0	qtz-ser-chl sch, 2% ank, 3% py sp.
563	"									1.0	la, chl, well fol'd, tr py, ank
564	"									1.0	la, chl, tr-1% py, ank, bl-grey qtz
565	"									1.0	la, chl-qtz sch, well fol'd, tr py, 2% ank
566	"									1.0	la, chl, str. ank, tr py
567	"									1.0	la, chl, 5% ank, 1% py,
568	"									1.0	la, chl, mod fol'n, tr py, 3% bio
569	"									1.0	la, chl, mod fol'n, 1% diss py
570										1.0	la, chl, well fol'd, sil, tr py

SAMPLE REPORT SHEET

Project Area Trench T-2 (cont)
Macassa Creek Block

Sample #	Sample Type	Sample Location	Assays							Sample Description	
			Au ppb	Ag ppm	Cu	Zn	Pb			Length	
9571	Rock (ch)									0.45	sh'd, chl-qtz sed, tr py, wk [illegible]
572	" "									1.0	sh'd, chl, bl-gy qtz
573	" "									0.8	qtz-[illegible] [illegible], 2% py, well fol'd, [illegible]
574	" "									0.6	qtz chl sed 10% diss py
575	" "									1.0	qtz-chl (lam) sed, white-[illegible] qtz 5% py/po
576	" "									1.0	qtz-chl-ser sed, lam fol'd, tr py, [illegible]
577	" "									1.0	qtz-ser-chl sed (lam.) sh'd, 1% py/po, [illegible]
578	" "									1.0	qtz-ser-chl sed, well fol'd, 1% py, [illegible]
579	" "									1.0	qtz-ser-chl sed, sh'd, tr-1% py/po, [illegible]
580	" "									1.0	" " " " , tr-2% py, " [illegible]
581	" "									1.0	" " " " " 1-5% py, " " "

APPENDIX III

ASSAY CERTIFICATES

ACCURASSAY LABORATORIES
A DIVISION OF ASSAY LABORATORY SERVICES INC.

1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
FAX (807) 623-6820

June 10, 1997

Job# 9740405

CLARK-EVELEIGH CONSULTING
1000 ALLOY DRIVE
THUNDER BAY, ONTARIO
P7B 6A5

SAMPLE # Accurassay		Customer	Gold ppb	Gold Oz/t
1		69500	SAMPLE MISSING	
2		69501	20	<0.001
3		69502	<5	<0.001
4		69503	15	<0.001
5		69504	8	<0.001
6		69505	33	<0.001
7		69506	10	<0.001
8		69507	<5	<0.001
9		69508	10	<0.001
10		69509	6	<0.001
11	Check	69509	14	<0.001
12		69510	40	0.001
13		69511	8	<0.001
14		69512	<5	<0.001
15		69513	11	<0.001
16		69514	7	<0.001
17		69515	6	<0.001
18		69516	168	0.005
19		69517	94	0.003
20		69518	29	<0.001
21	Check	69518	37	0.001
22		69519	14	<0.001
23		69520	9	<0.001
24		69521	33	<0.001
25		69522	19	<0.001
26		69523	432	0.013
27		69524	212	0.006
28		69525	239	0.007
29		69526	125	0.004

Certified By: [signature]

ACCURASSAY LABORATORIES
A DIVISION OF ASSAY LABORATORY SERVICES INC.

1070 LITHIUM DRIVE, UNIT 2
THUNDER BAY, ONTARIO P7B 6G3
PHONE (807) 623-6448
FAX (807) 623-6820

CLARK-EVELEIGH CONSULTING
1000 ALLOY DRIVE
THUNDER BAY, ONTARIO
P7B 6A5

June 10, 1997

Job# 9740405

SAMPLE # Accurassay		Customer	Gold ppb	Gold Oz/t
30		69527	235	0.007
31	Check	69527	209	0.006
32		69528	187	0.005
33		69529	141	0.004
34		69530	140	0.004
35		69531	217	0.006
36		69532	223	0.007
37		69533	1083	0.032
38		69534	269	0.008
39		69535	163	0.005
40		69536	1156	0.034
41	Check	69536	2073	0.060
42		69537	279	0.008
43		69538	672	0.020
44		69539	101	0.003
45		69540	221	0.006
46		69541	86	0.003
47		69542	477	0.014
48		69543	536	0.016
49		69544	1957	0.057
50		69545	242	0.007
51	Check	69545	296	0.009
52		69546	188	0.005
53		69547	434	0.013
54		69548	132	0.004
55		69549	540	0.016
56		69550	507	0.015

Certified By: ______________________

Ontario

Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

W9750.00303

Assessment Files Research Imaging

Personal information collected on this form is obtained under the authority of subsection 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, the information ... work and correspond with the mining land holder. Questions about this collection should be directed to the ... of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road ...

42C04SE0053 2.17441 DAVID LAKE

900

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.
- Please type or print in ink.

2.17441

1. Recorded holder(s) (Attach a list if necessary)

Name	Client Number
Goldust ~~Resources~~ Mines Limited	302366
Address: 1000 Alloy Dr. Thunder Bay P7B 6A5.	Telephone Number: 807-625-9291
	Fax Number: 807-625-9293
Name: ~~Murgor Res~~	Client Number: 301462 ~~514-684-0410~~
Address: ~~c/o 77 - 14th Street Roxboro Que H8Y 1M5~~	Telephone Number: ~~514-684-0410~~
	Fax Number:

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

[x] Geotechnical: prospecting, surveys, assays and work under section 18 (regs)

[x] Physical: drilling, stripping, trenching and associated assays

[ ] Rehabilitation

	Office Use	
Work Type: Induced Polarization + Trenching.	Commodity	
	Total $ Value of Work Claimed	$ 79,596
Dates Work Performed From 28 05 97 (Day Month Year) To 17 06 97 (Day Month Year)	NTS Reference	
Global Positioning System Data (if available) / Township/Area: David Lakes. / M or G-Plan Number	Mining Division	SSM
	Resident Geologist District	SSM

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

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3. Person or companies who prepared the technical report (Attach a list if necessary)

Name	Telephone Number
Garry Clark.	807-625-9291
Address: Same 1000 Alloy Dr. Thunder Bay.	Fax Number: 807-625-9293
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

4. Certification by Recorded Holder or Agent

I, J. G. Clark. (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent		Date: June 17, 1997
Agent's Address: Same as above	Telephone Number: 807-625-9291	Fax Number: 807-625-9293

Approved Sept 17 /97

...e mining land where work was performed... must accompany this form.

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.		Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg	TB 7827	16 ha	$26, 825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8, 892	$ 4,000	0	$4,892
1	SS 779377	1	27001		17203	9798
2	SS 779378	1	27001		17203	9798
3	SS 779379	1	4754		4754	
4	SS809804	1	4000		4000	
5	SS 809803	1	1000		1000	
6	SS809831	1	2376		2376	
7	SS 809830	1	792		792	
8	SS809832	1	1584		1584	
9	SS 809805	1	4752		4752	
10	SS 809806	1	3960		3960	
11	SS809807	1	2376		2376	
12						
13						
14						
15						
		Column Totals	79596		60000	19596

I, J. G. Clark (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: [signature] | Date: June 17, 1997

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

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- ☐ 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- ☐ 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- ☐ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Call please before cut back.

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp

SAULT STE. MARIE MINING DIVISION
RECEIVED
19 JUIN 1997
AM PM
7 8 9 10 11 12 1 2 3 4 5 6

Deemed Approved Date	Date Notification Sent
Sept 17/97	
Date Approved	Total Value of Credit Approved
Approved for Recording by Mining Recorder (Signature)	

Ontario | Ministry of Northern Development and Mines

Schedule for Declaration of Assessment Work on Mining Land

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land	Value of work applied to this claim	Value of work assigned to other mining claims	Bank. Value of work to be distributed at a future date
SS779382	1	~~$800.00~~	$800.00		
SS779383	1		$800.00		
SS779384	1		$800.00		
SS779385	1		$800.00		
SS779386	1		$800.00		
SS779387	1		$800.00		
SS779388	1		$800.00		
SS779389	1		$800.00		
SS779390	1		$800.00		
SS779391	1		$800.00		
SS779392	1		$800.00		
SS779393	1		$800.00		
SS779394	1		$800.00		
SS779395	1		$800.00		
SS779396	1		$800.00		
SS779397	1		$800.00		
SS779398	1		$800.00		
SS779399	1		$800.00		
SS809811	1		$800.00		
SS809812	1		$800.00		
SS809813	1		$800.00		
SS809814	1		$800.00		
SS809815	1		$800.00		
SS809816	1		$800.00		
SS809817	1		$800.00		
SS809818	1		$800.00		
SS809819	1		$800.00		
SS809820	1		$800.00		
SS809821	1		$800.00		
SS809822	1		$800.00		
SS809823	1		$800.00		
SS809824	1		$800.00		
SS809825	1		$800.00		
SS809826	1		$800.00		
SS809833	1		$800.00		
Column Totals			28000.00		

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Schedule for Declaration of Assessment Work on Mining Land

Transaction Number (office use)

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land	Value of work applied to this claim	Value of work assigned to other mining claims	Bank. Value of work to be distributed at a future date
SS809834	1		$800.00		
SS809835	1		$800.00		
SS809836	1		$800.00		
SS809837	1		$800.00		
SS809838	1		$800.00		
SS809839	1		$800.00		
SS809853	1		$800.00		
SS809854	1		$800.00		
SS809855	1		$800.00		
SS809856	1		$800.00		
SS809857	1		$800.00		
SS809858	1		$800.00		
SS809859	1		$800.00		
SS809860	1		$800.00		
SS809861	1		$800.00		
SS809862	1		$800.00		
SS809863	1		$800.00		
SS809864	1		$800.00		
SS809865	1		$800.00		
SS809866	1		$800.00		
SS809867	1		$800.00		
SS809868	1		$800.00		
SS809881	1		$800.00		
SS809882	1		$800.00		
SS809883	1		$800.00		
SS809884	1		$800.00		
SS809885	1		$800.00		
SS809886	1		$800.00		
SS809887	1		$800.00		
SS809888	1		$800.00		
SS809889	1		$800.00		
SS809890	1		$800.00		
SS809891	1		$800.00		
SS809892	1		$800.00		
SS809893	1		$800.00		
Column Totals			~~$800~~		

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Schedule for Declaration of Assessment Work on Mining Land

Transaction Number (office use)

ining Claim Number. Or if ork was done on other eligible ining land, show in this column e location number indicated n the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land	Value of work applied to this claim	Value of work assigned to other mining claims	Bank. Value of work to be distributed at a future date
SS809894	1		$800.00		
SS809895	1		$800.00		
SS809896	1		$800.00		
SS809897	1		$800.00		
SS809840	1		$800.00		
Column Totals			4000		

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Statement of Costs for Assessment Credit

Transaction Number (office use)
W9750.00300

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Trenching,	850 linear metres @ ±4m		25375.
	wide = 3400 sq metre	$7.46/sq m.	
I.P. (Realsection	Total 22 line kilometre	$1447.10/km	31836
+ gradient)			
Associated Costs (e.g. supplies, mobilization and demobilization).			~~1830~~
	Trenching		7222
	I.P.		1830
Transportation Costs			
Trench.			4253.
I.P.			2800
Food and Lodging Costs			
			6280
		Total Value of Assessment Work	79596

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Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK × 0.50 = Total $ value of worked claimed.

Note:
- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, [signature] (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as Agent. (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature	Date

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (705) 670-5863

September 16, 1997

J.Garry Clark
GOLDUST MINES LTD.
1000 ALBY DR.
THUNDER BAY, ONTARIO
P7B 6A5

Dear Sir or Madam:

Submission Number: 2.17441

		Status
Subject: Transaction Number(s):	W9750.00300	Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Lucille Jerome by e-mail at jerome_l@torv05.ndm.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,

Blair Kite

ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Correspondence ID: 11326
Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.17441

Date Correspondence Sent: September 16, 1997 **Assessor:** Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9750.00300	55779377	DAVID LAKES	Approval	September 10, 1997

Section:
14 Geophysical IP
10 Physical PTRNCH

Correspondence to:
Resident Geologist
Sault Ste. Marie, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):
J.Garry Clark
GOLDUST MINES LTD.
THUNDER BAY, ONTARIO

Correspondence ID: 11326

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

S.R.O. – SURFACE RIGHTS ONLY

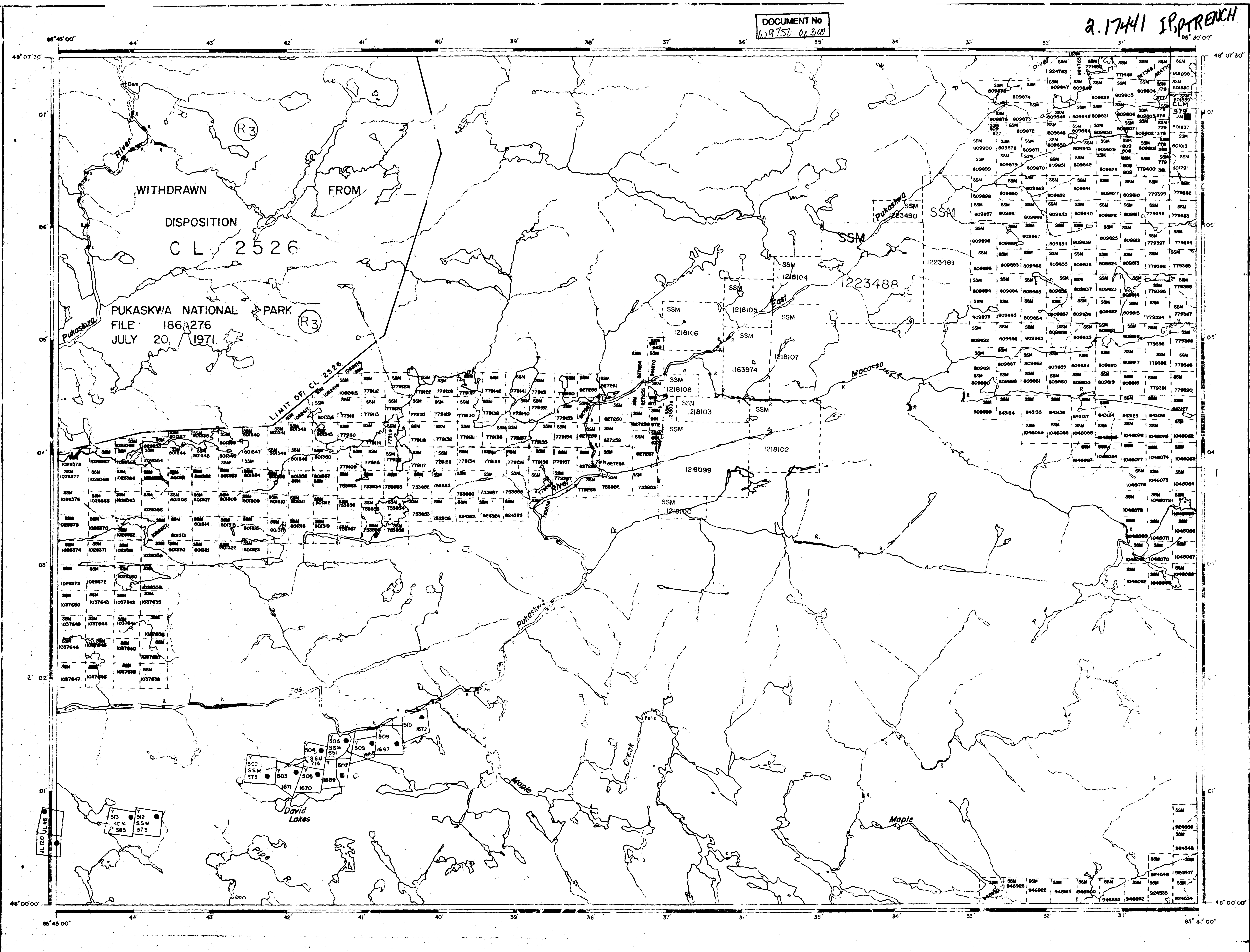
M.+ S. – MINING AND SURFACE RIGHTS

Description | Order No. | Date | Disposition | File

R3 CL 2526 W-SSM-01-91 JANUARY 25, 1991 S+M RIGHTS

DOCUMENT No W9750.00300

2.17441 IP, TRENCH



REFERENCES

THE 1985 MAGNETIC BEARING APPROX. 5°30'W
ANNUAL CHANGE DECREASING 10'-40"

RECEIVED
JUN 2 5 1997
MINING LANDS BRANCH

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

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

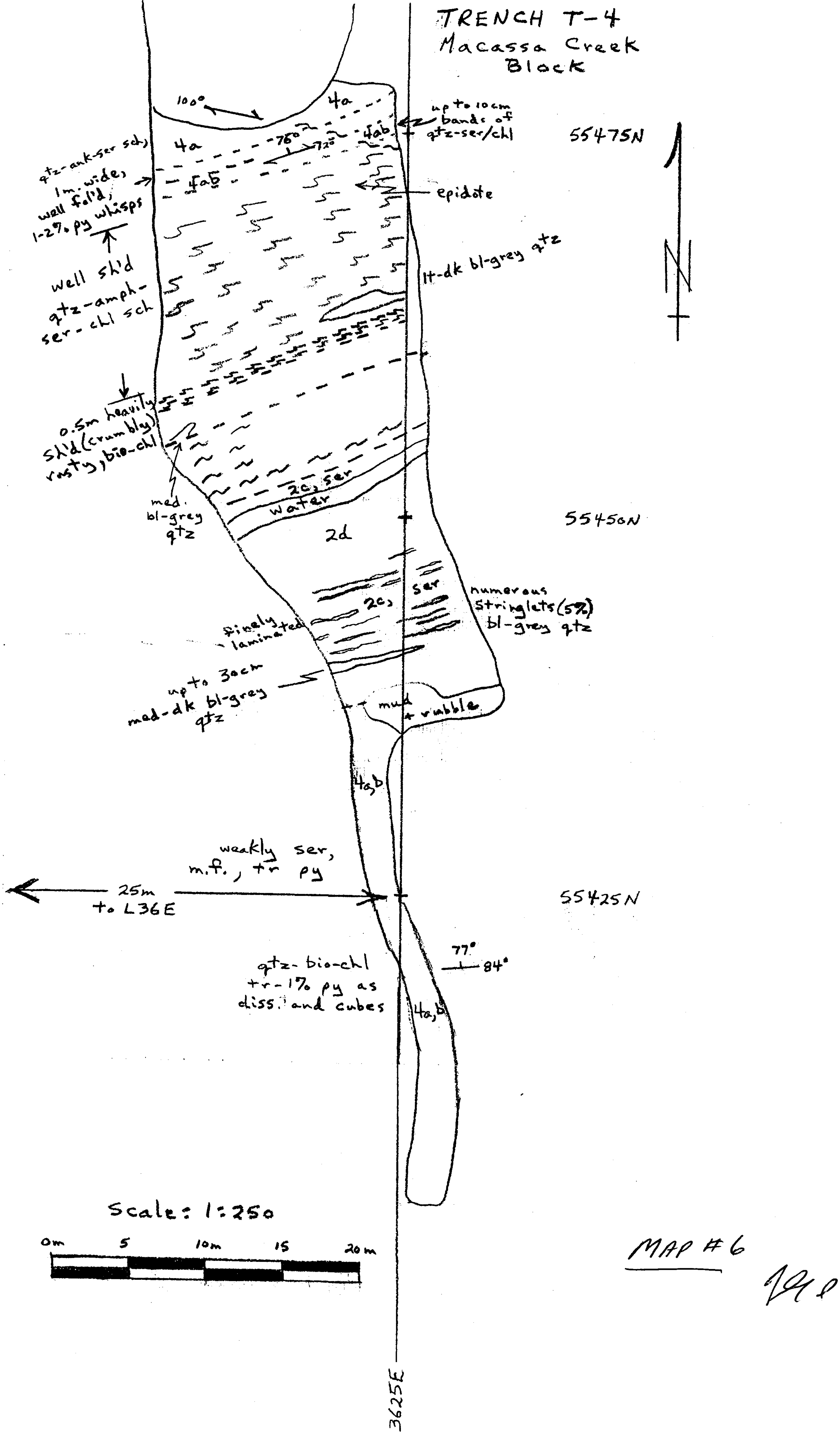
FEET 0 1000 2000 4000 6000 8000
METRES 0 200 1000 (1 KM) 2000 (2 KM)

AREA
DAVID LAKE

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

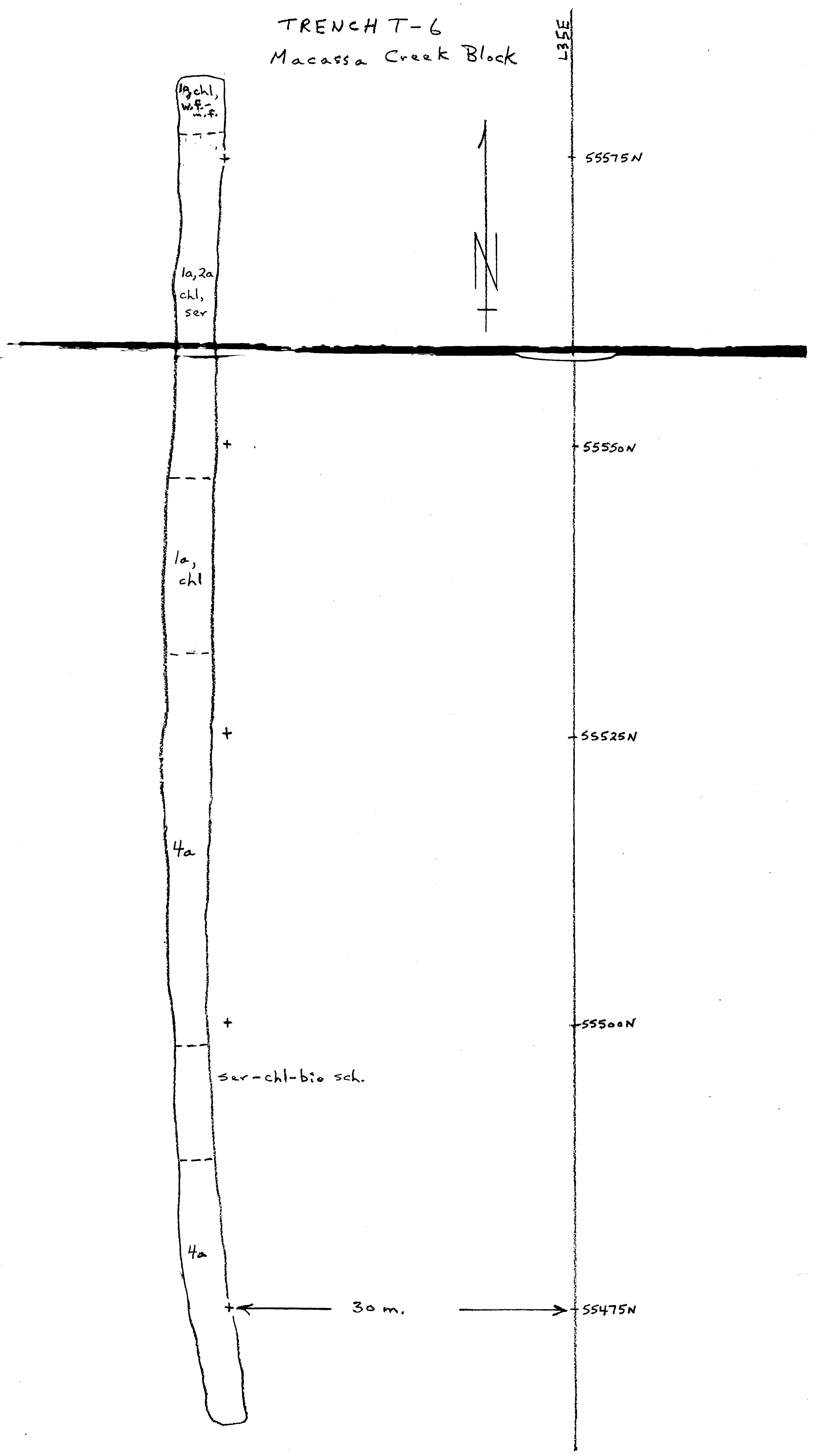
Ontario — Ministry of Natural Resources — Ministry of Northern Development and Mines

Date DECEMBER, 1986 | Number G-3765



42C04SE0053 2.17441 DAVID LAKE

TRENCH T-6
Macassa Creek Block



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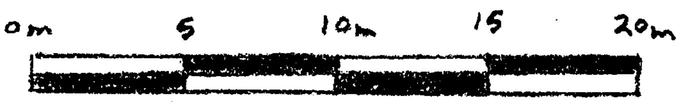
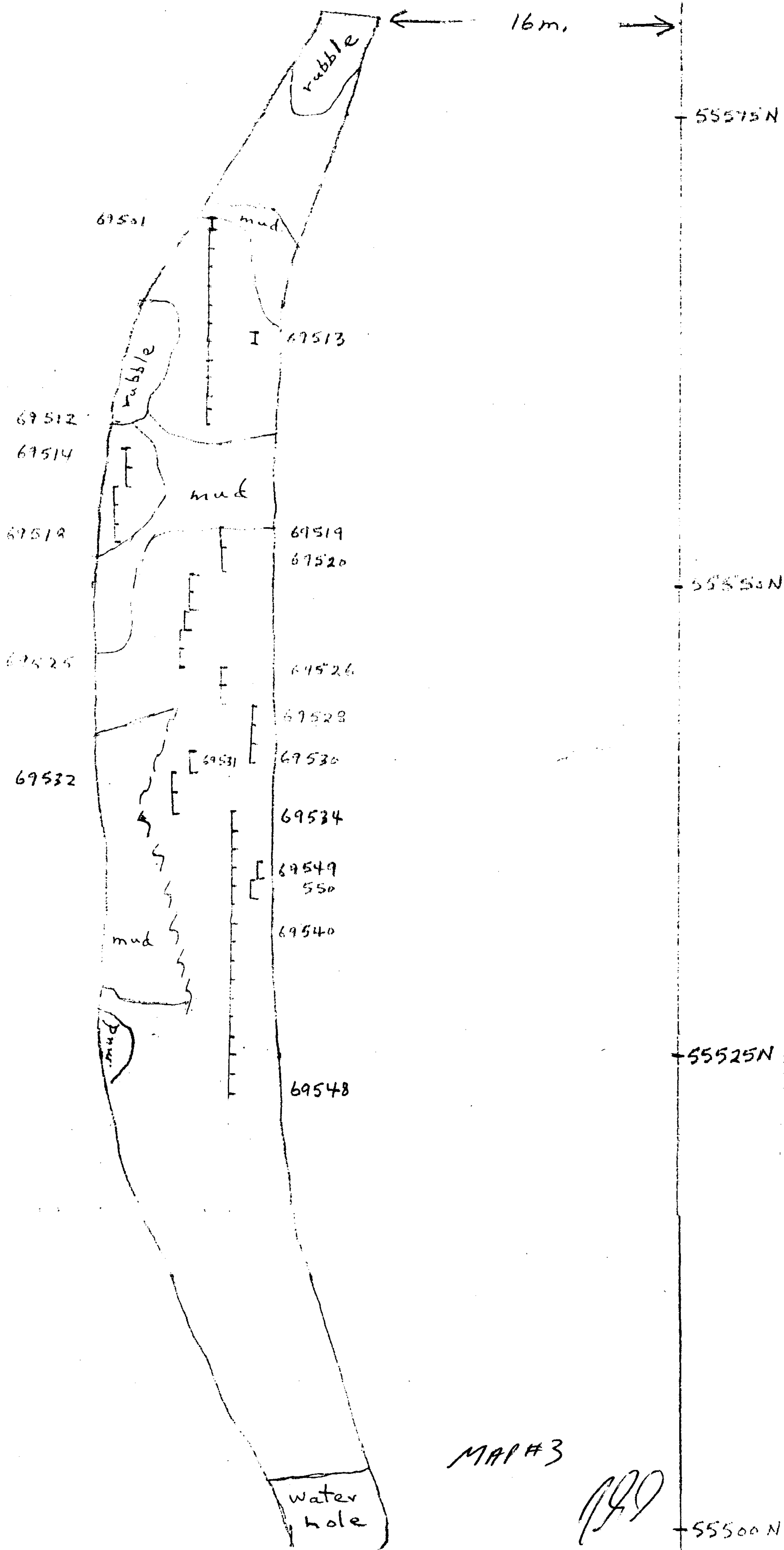
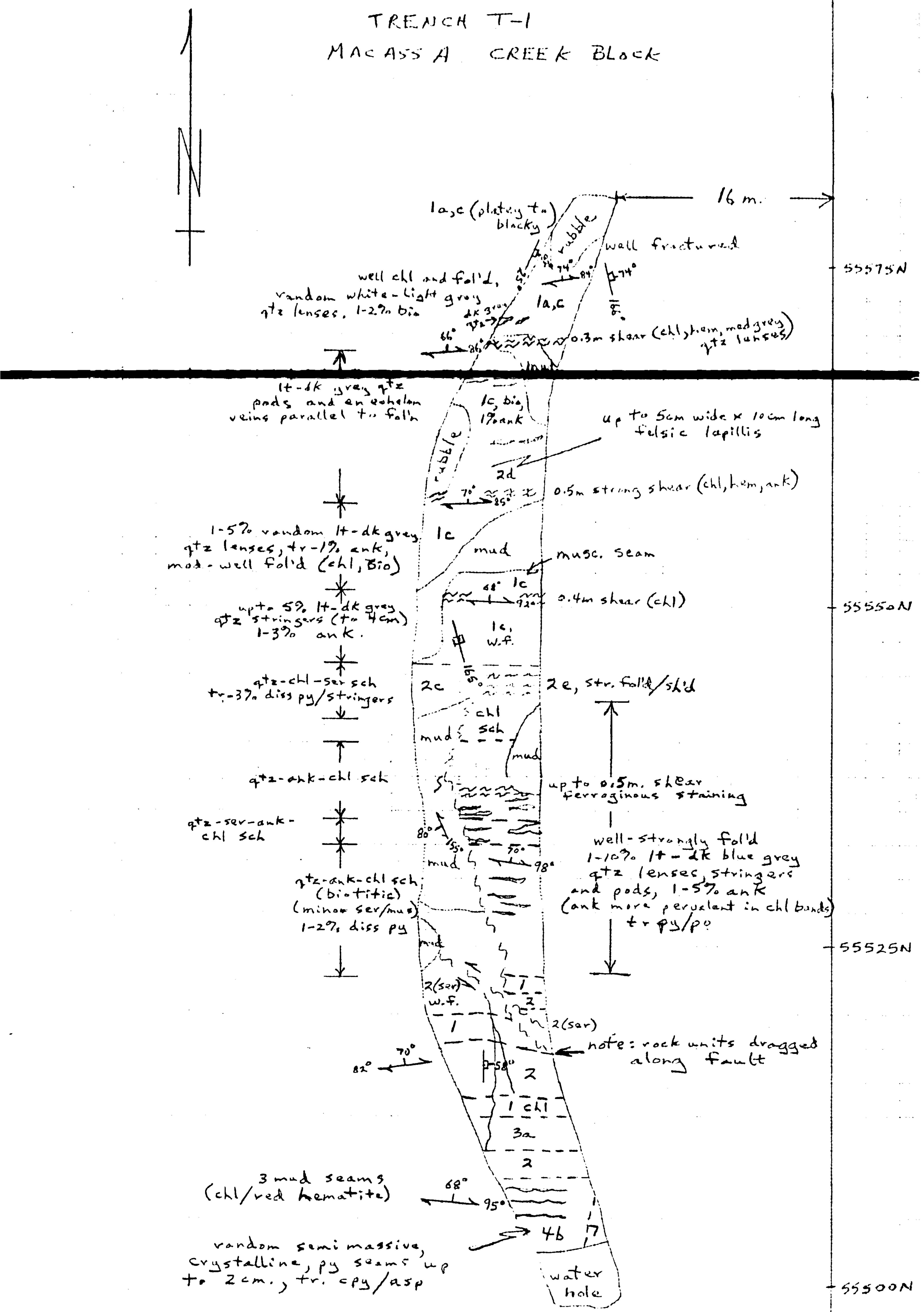


MAP #8

SAMPLE LOCATION
TRENCH T-1
MACASSA BLOCK



TRENCH T-1
MACASSA CREEK Block



42C04SE0053 2.17441 DAVID LAKE

240

scale: 1:250 MAP # 2

0 5 10m 15 20m 25

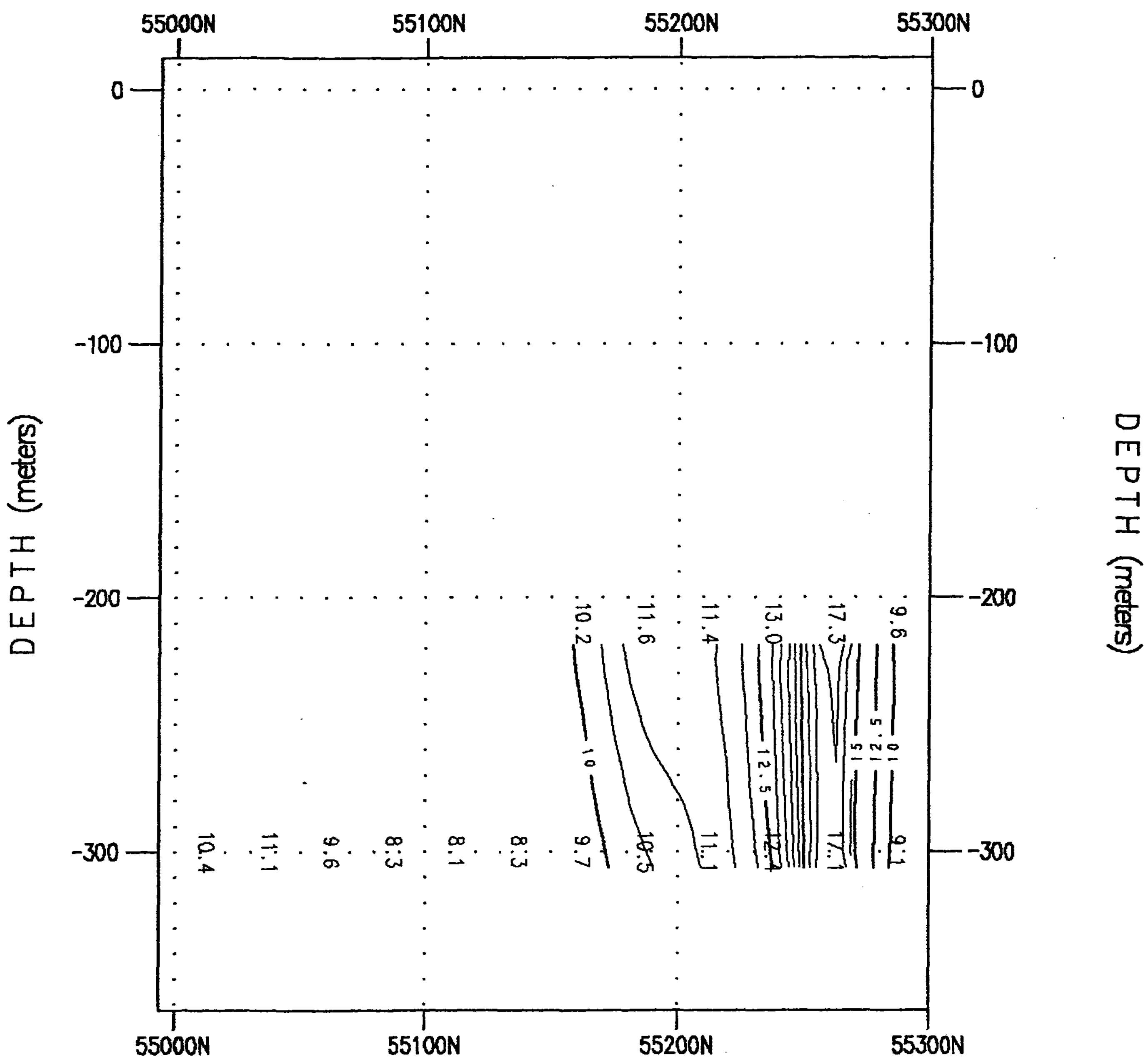
142

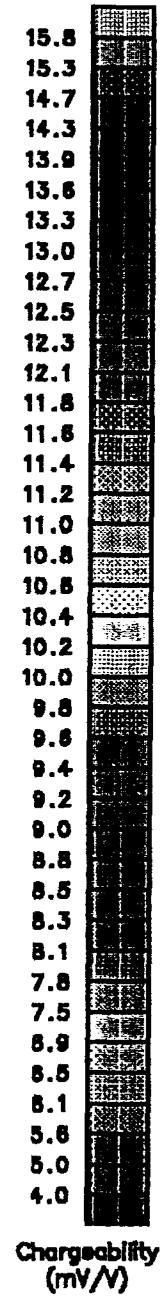
42C04SE0053 2.17441 DAVID LAKE

250

2.17441

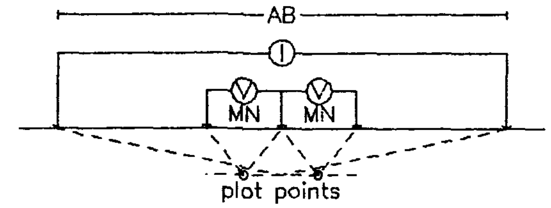
LINE 25+00E TOTAL CHARGEABILITY (mV/V)





LINE 25+00E

Gradient Array



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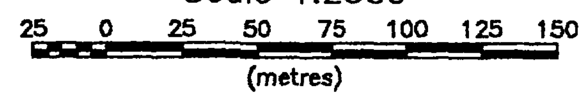


MURGOR RESOURCES INC.
MACASSA CREEK BLOCK
MISHIBISHU LAKE PROJECT

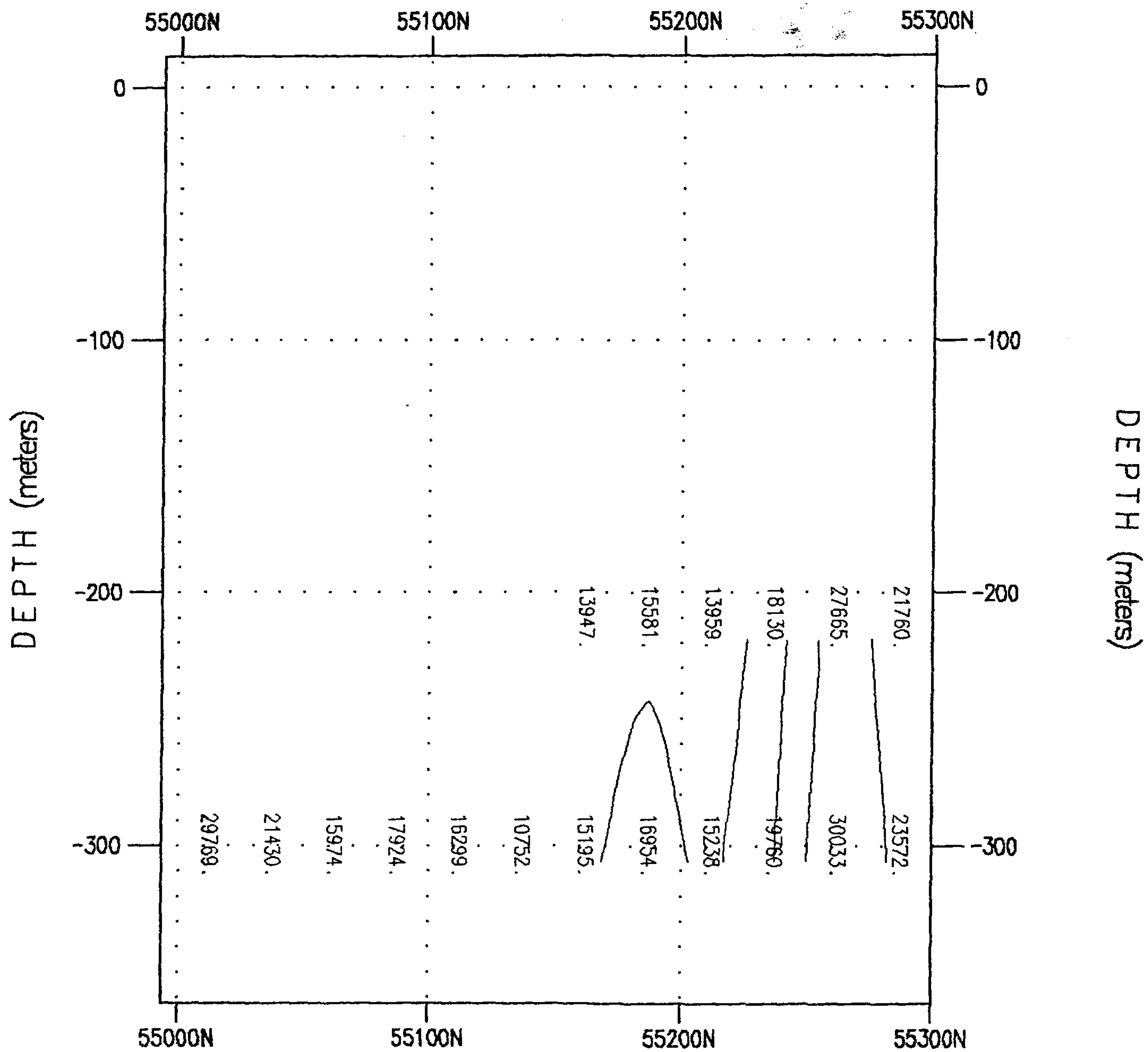
TIME DOMAIN IP SURVEY
REALSECTION L25+00E
TOTAL CHARGEABILITY
AB=1400 TO 2000

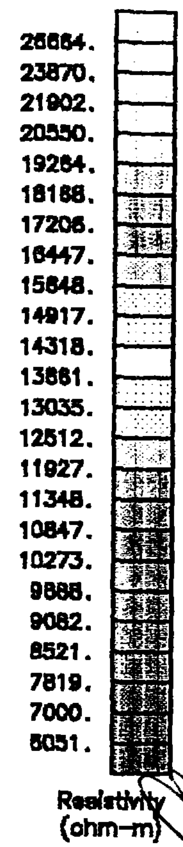
Transmitter Frequency	0.0625 Hz (50% duty cycle)
Transmitter Current	0.8 to 2.6 Amps
Decay Curve:	QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)
Station Interval:	25
Chargeability Contour Interval:	0.5, 2.5 mV/V
Colour Scale:	Equal Area Zoning
Date:	MAY 1997
Instrumentation:	Rx = IRIS IP-6 (6 channels) Tx = HUNTEC MK-4 (7.5 kW) + MG-10(10 kVA)

Surveyed & Processed by:
QUANTEC IP INC.
DWG. #: 185-RSIP-CHG-11

MAP # 13

LINE 25+00E APPARENT RESISTIVITY (ohm-metres)

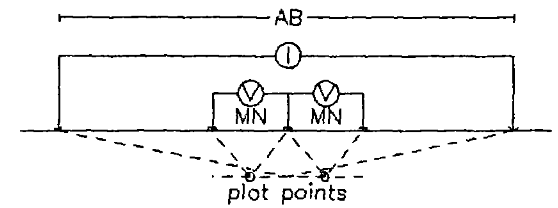




MAP # 14

LINE 25+00E

Gradient Array



Scale 1:2500

25 0 25 50 75 100 125 150

(metres)

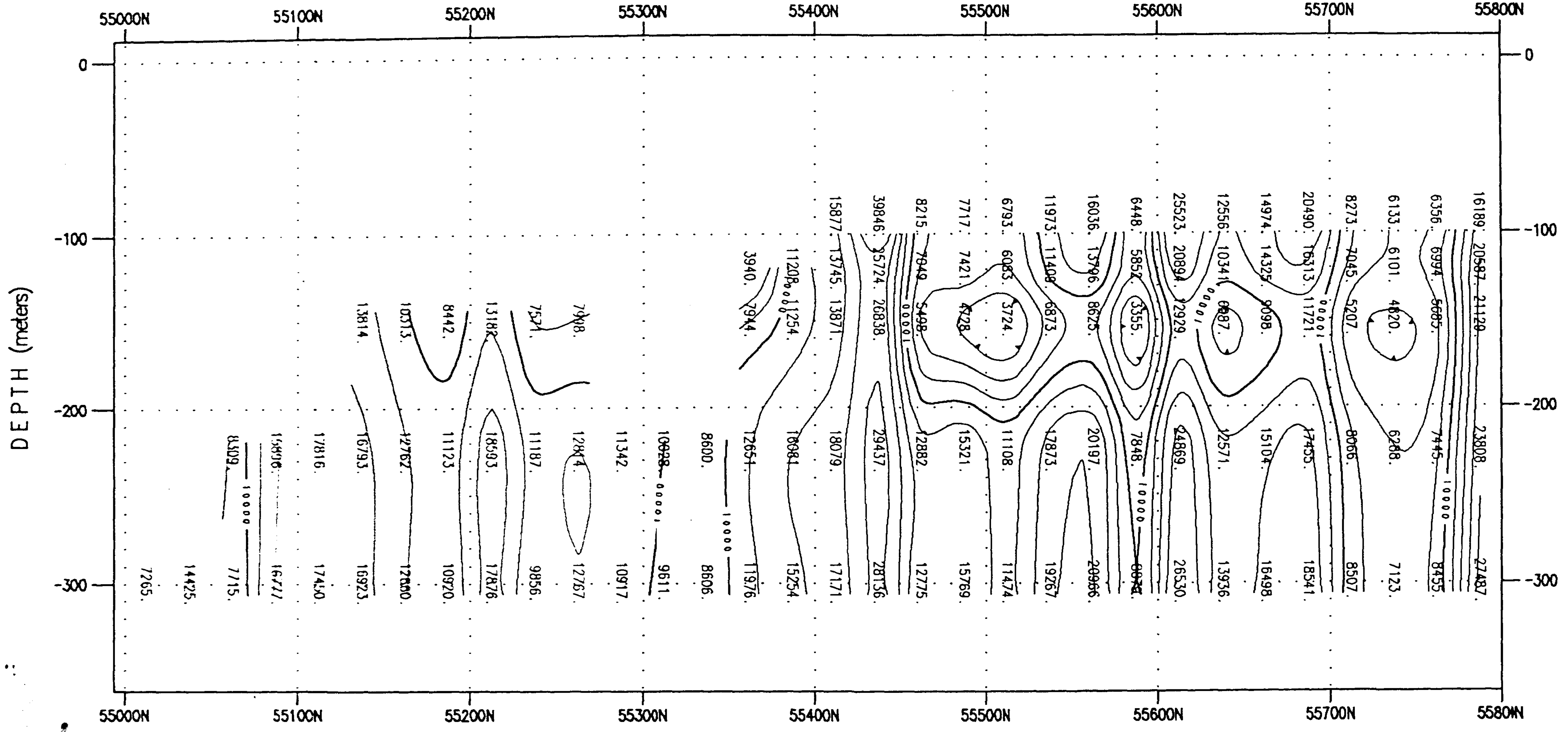
MURGOR RESOURCES INC.
MACASSA CREEK BLOCK
MISHIBISHU LAKE PROJECT

TIME DOMAIN IP SURVEY
REALSECTION L25+00E
APPARENT RESISTIVITY
AB=1400 TO 2000

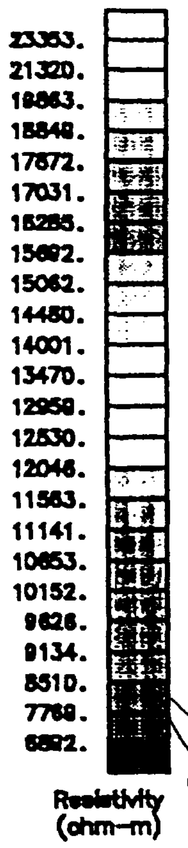
Transmitter Frequency	0.0625 Hz (50% duty cycle)
Transmitter Current	0.8 to 2.6 Amps
Decay Curve:	QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)
Station Interval:	25
Resistivity Contour Interval:	10 levels/log decade
Colour Scale:	Equal Area Zoning
Date:	MAY 1997
Instrumentation:	Rx = IRIS IP-6 (6 channels) Tx = HUNTEC MK-4 (7.5 kW) + MG-10(10 kVA)

Surveyed & Processed by:
QUANTEC IP INC.
DWG. #: 185-RSIP-RES-11

LINE 37+00E APPARENT RESISTIVITY (ohm-metres)



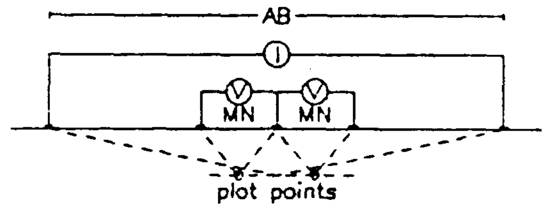
2.17441



MAP # 15

LINE 37+00E

Gradient Array



Scale 1:2500

25 0 25 50 75 100 125 150

(metres)

MURGOR RESOURCES INC.
MACASSA CREEK BLOCK
MISHIBISHU LAKE PROJECT

TIME DOMAIN IP SURVEY
REALSECTION L37+00E
APPARENT RESISTIVITY
AB=400 TO 2000

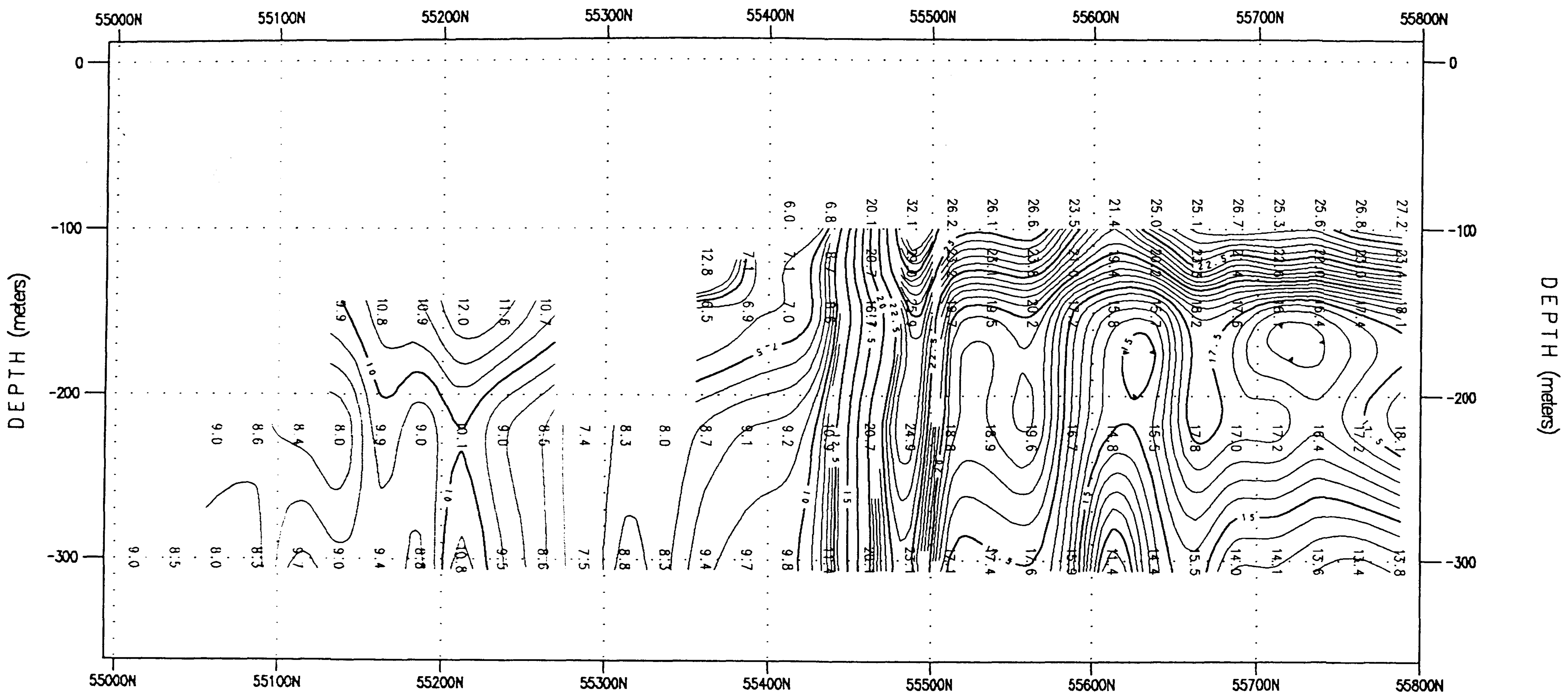
Transmitter Frequency: 0.0625 Hz (50% duty cycle)
Transmitter Current: 0.8 to 2.6 Amps
Decay Curve: QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)

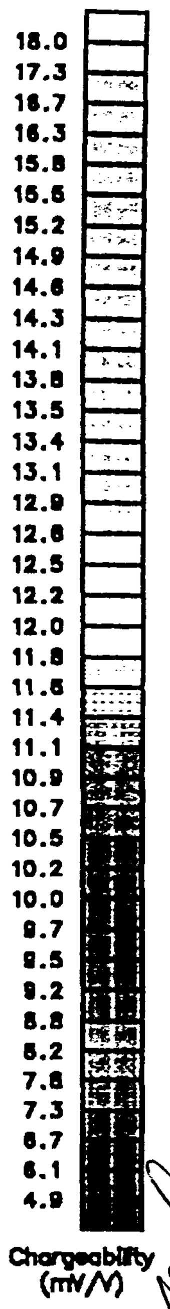
Station Interval: 25
Resistivity Contour Interval: 10 levels/log decade
Colour Scale: Equal Area Zoning

Date: MAY 1997
Instrumentation: Rx = IRIS IP-6 (6 channels)
Tx = HUNTEC MK-4 (7.5 kW) + MG-10(10 kVA)

Surveyed & Processed by:
QUANTEC IP INC.
DWG. #: 185-RSIP-RES-4

LINE 37+00E TOTAL CHARGEABILITY (mV/V)

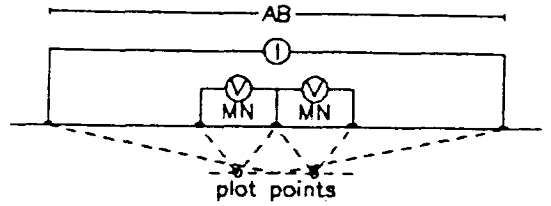




MAP # 16

LINE 37+00E

Gradient Array



Scale 1:2500

25 0 25 50 75 100 125 150 (metres)

MURGOR RESOURCES INC.
MACASSA CREEK BLOCK
MISHIBISHU LAKE PROJECT

TIME DOMAIN IP SURVEY
REALSECTION L37+00E
TOTAL CHARGEABILITY
AB=400 TO 2000

Transmitter Frequency	0.0625 Hz (50% duty cycle)
Transmitter Current	0.8 to 2.6 Amps
Decay Curve:	QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)
Station Interval:	25
Chargeability Contour Interval:	0.5, 2.5 mV/V
Colour Scale:	Equal Area Zoning
Date:	MAY 1997
Instrumentation:	Rx = IRIS IP-6 (6 channels)
	Tx = HUNTEC MK-4 (7.5 kW) + MG-10(10 kVA)

Surveyed & Processed by:
QUANTEC IP INC.
DWG. #: 185-RSIP-CHG-4

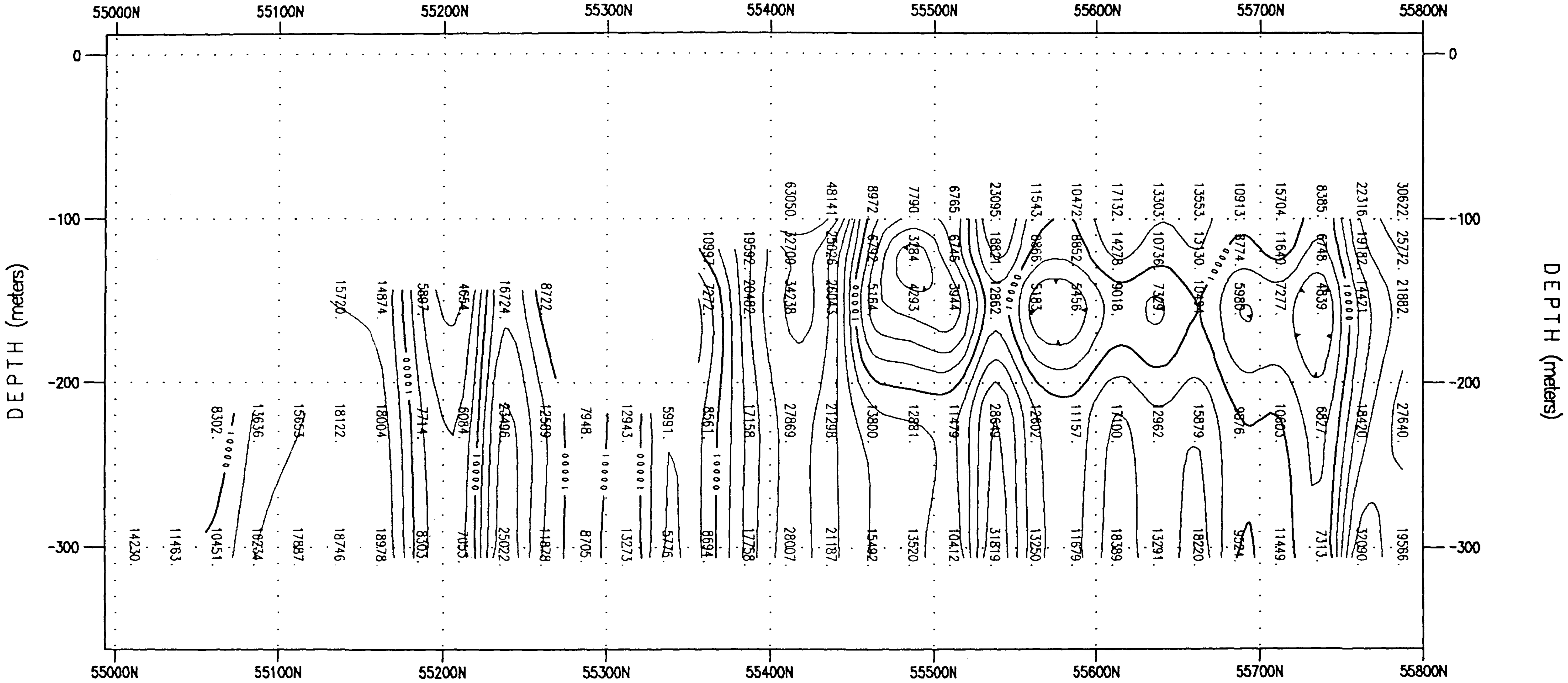
42C04SE0053 2.17441 DAVID LAKE

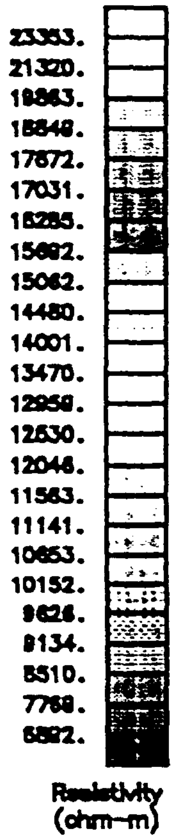
42C04SE0053 2.17441 DAVID LAKE

290

LINE 36+00E APPARENT RESISTIVITY (ohm-metres)

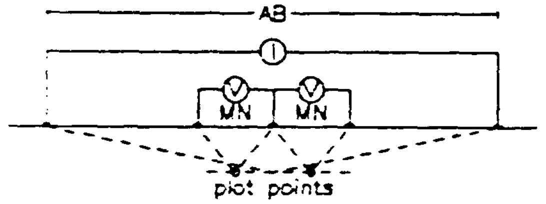
2.17441





LINE 36+00E

Gradient Array



Scale 1:2500

MURGOR RESOURCES INC.
MACASSA CREEK BLOCK
MISHIBISHU LAKE PROJECT

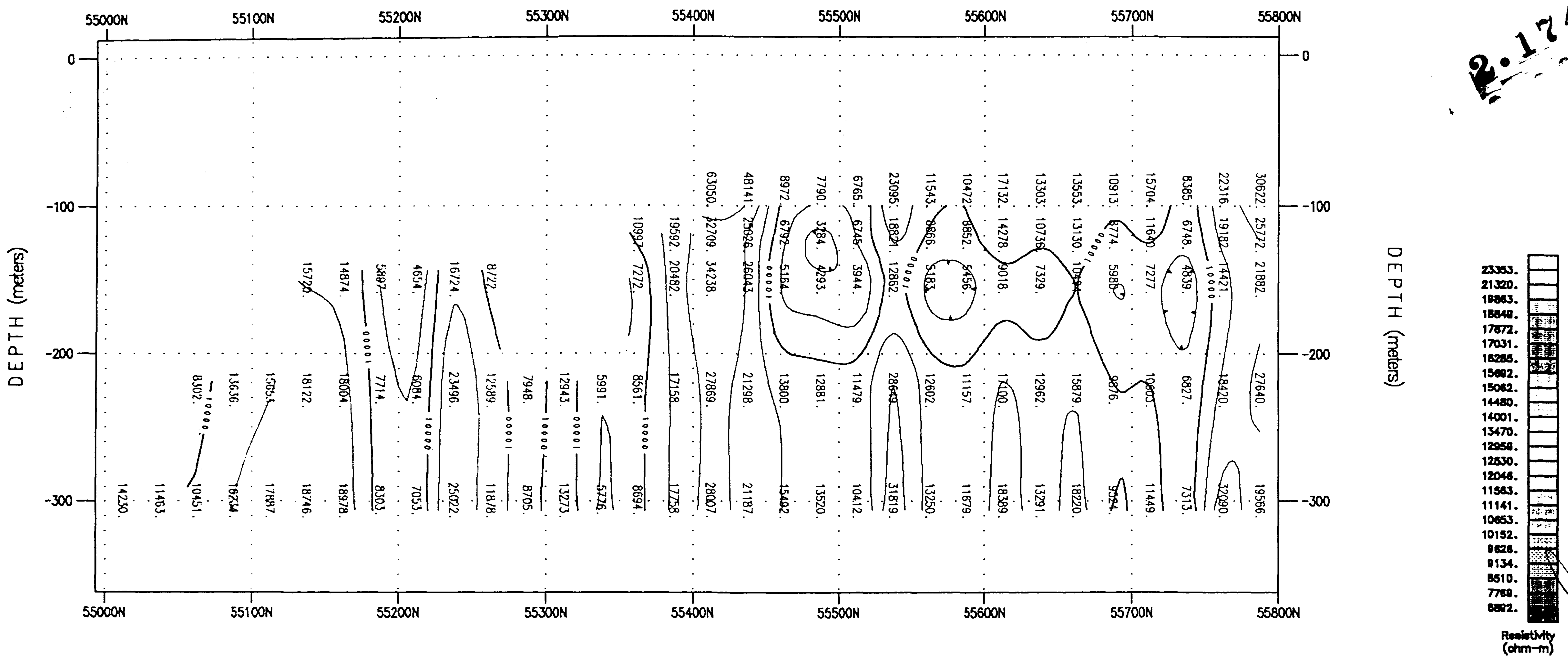
TIME DOMAIN IP SURVEY
REALSECTION L36+00E
APPARENT RESISTIVITY
AB=400 TO 2000

Transmitter Frequency	0.0625 Hz (50% duty cycle)
Transmitter Current	0.8 to 2.6 Amps
Decay Curve:	QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)
Station Interval:	25
Resistivity Contour Interval:	10 levels/log decade
Colour Scale:	Equal Area Zoning
Date:	MAY 1997
Instrumentation:	Rx = IRIS IP-6 (6 channels)
	Tx = HUNTEC MK-4 (7.5 kW) + MG-10 (10 kVA)

Surveyed & Processed by:
QUANTEC IP INC.
DWG. #: 185-RSIP-RES-3

MAP# 17

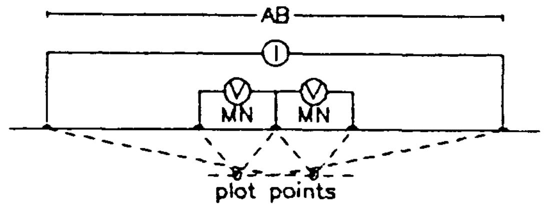
LINE 3600E APPARENT RESISTIVITY (ohm-metres)



2.17441

LINE 3600E

Gradient Array



Scale 1:2500

25 0 25 50 75 100 125 150 (metres)

MURGOR RESOOURCES INC.

MACASSA CREEK BLOCK

MISHIBISHU LAKE PROJECT

TIME DOMAIN IP SURVEY

REALSECTION L3600E

APPARENT RESISTIVITY

AB=600 TO 800 METERS

Transmitter Frequency	0.0625 Hz (50% duty cycle)
Transmitter Current	1 TO 2.0 Amps
Decay Curve:	QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)
Station Interval:	25
Resistivity Contour Interval:	5 levels/log decade
Colour Scale:	Equal Area Zoning
Date:	JUNE 1997
Instrumentation:	Rx = IRIS IP-6 (6 channels) Tx = HUNTEC MK-4 (7.5 kW) + MG-10(10 kVA)

Surveyed & Processed by:

QUANTEC IP INC.

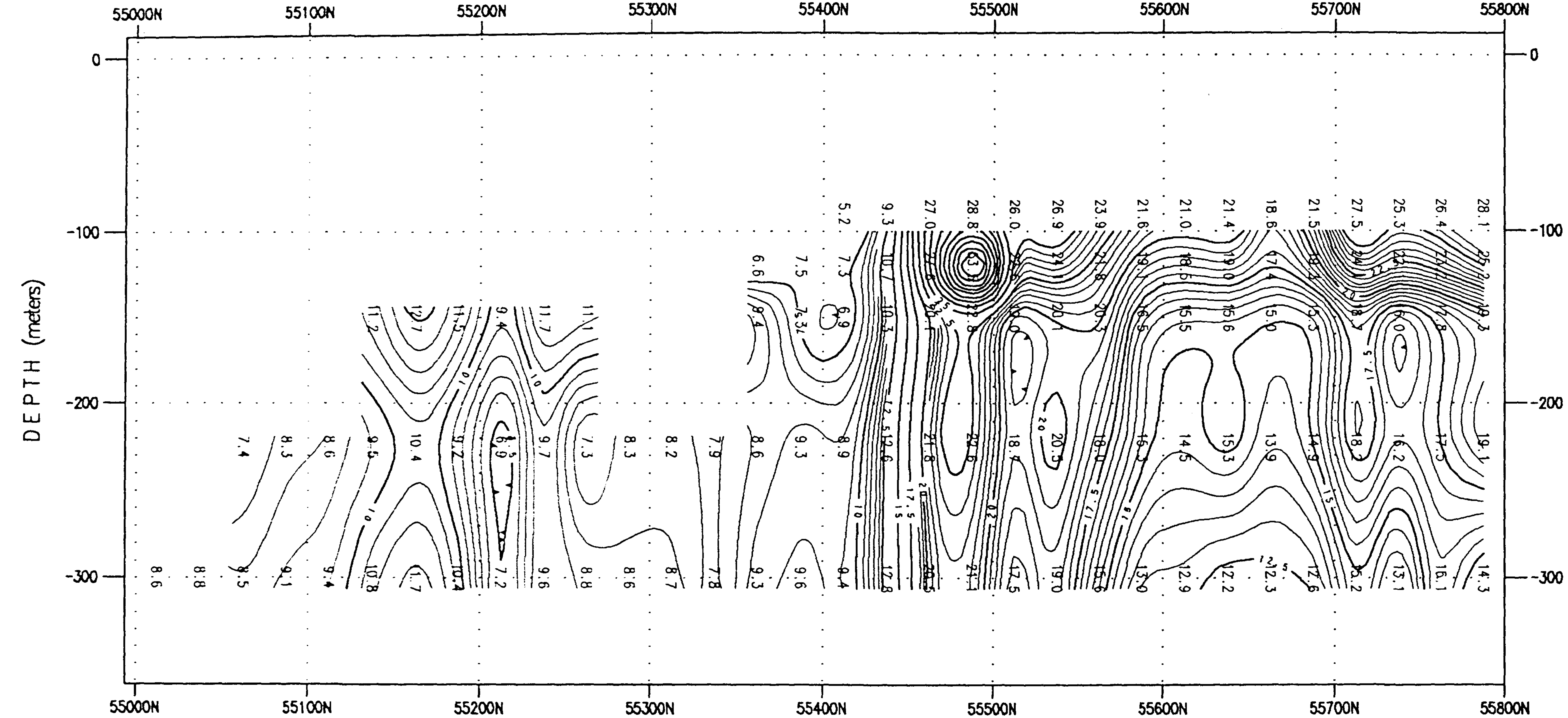
DWG. #: 185-RSIP-RES-6

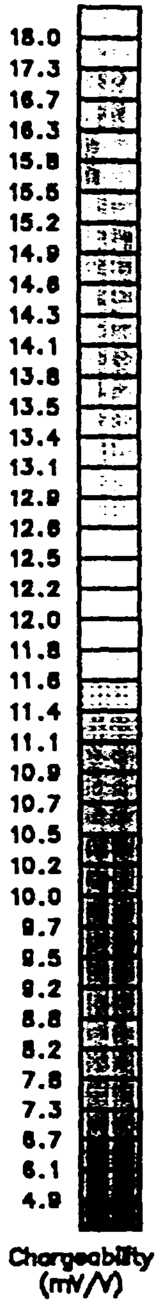
MAP #18

300

LINE 3600E TOTAL CHARGEABILITY (mV/V)

2.17441

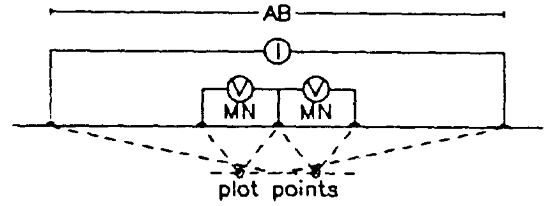




MAP # 19

LINE 3600E

Gradient Array



Scale 1:2500

25 0 25 50 75 100 125 150

(metres)

MURGOR RESOOURCES INC.

MACASSA CREEK BLOCK

MISHIBISHU LAKE PROJECT

TIME DOMAIN IP SURVEY

REALSECTION L3600E

TOTAL CHARGEABILITY

AB=600 TO 800 METERS

Transmitter Frequency	0.0625 Hz (50% duty cycle)
Transmitter Current	1 TO 2.0 Amps
Decay Curve:	QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)
Station Interval:	25
Chargeability Contour Interval:	0.5, 2.5 mV/V
Colour Scale:	Equal Area Zoning
Date:	JUNE 1997
Instrumentation:	Rx = IRIS IP-6 (6 channels)
	Tx = HUNTEC MK-4 (7.5 kW) + MG-10(10 kVA)

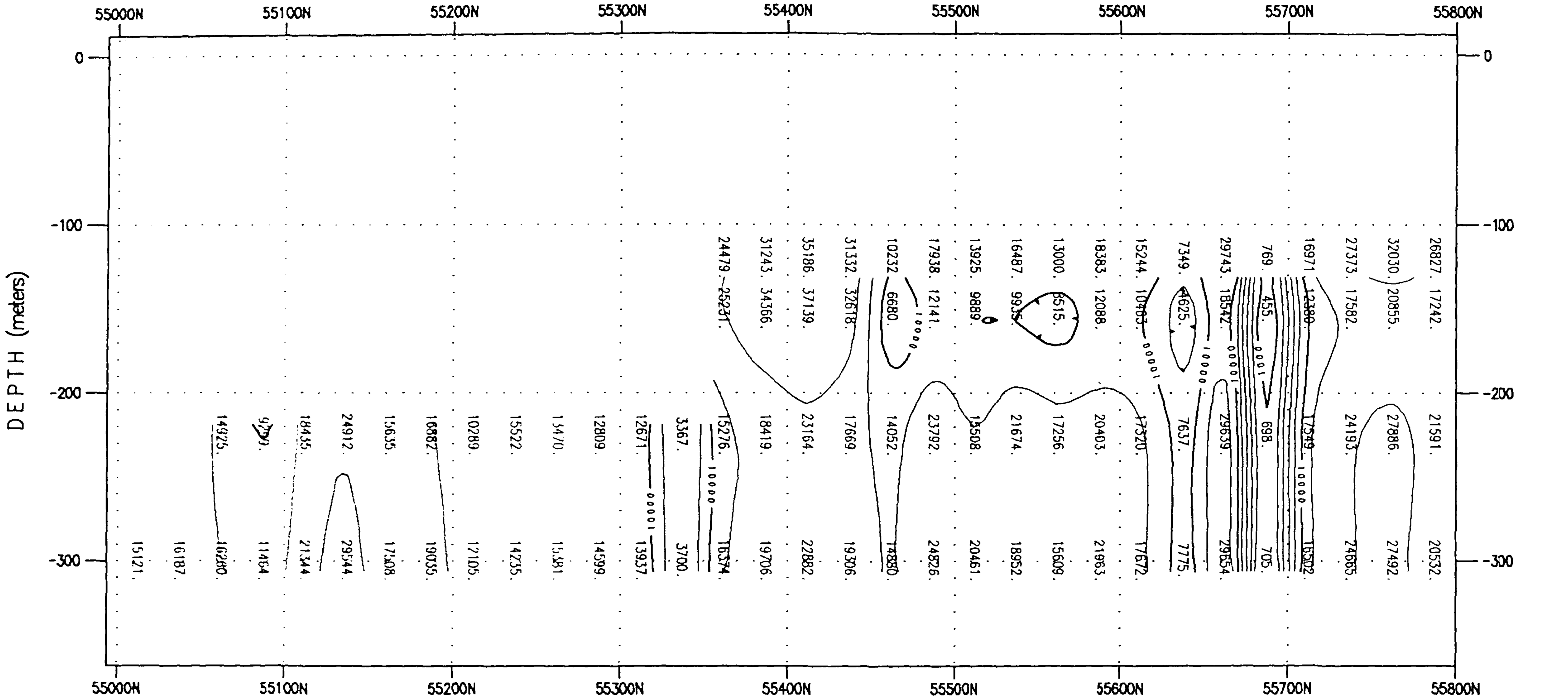
Surveyed & Processed by:

QUANTEC IP INC.

DWG. #: 185-RSIP-CHG-6

310

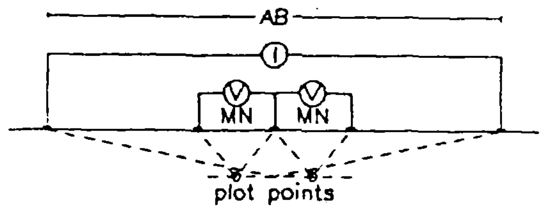
LINE 3500E APPARENT RESISTIVITY (ohm-metres)



2.17441

LINE 3500E

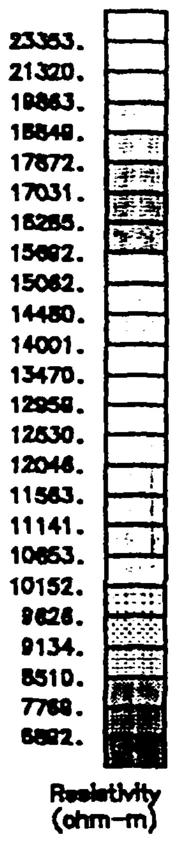
Gradient Array



Scale 1:2500

25 0 25 50 75 100 125 150

(metres)



MAP # 20

MURGOR RESOOURCES INC.

MACASSA CREEK BLOCK

MISHIBISHU LAKE PROJECT

TIME DOMAIN IP SURVEY

REALSECTION L3500E

APPARENT RESISTIVITY

AB=800 TO 2000 METERS

Transmitter Frequency	0.0625 Hz (50% duty cycle)
Transmitter Current	1 TO 2.0 Amps
Decay Curve:	QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)
Station Interval:	25
Resistivity Contour Interval:	5 levels/log decade
Colour Scale:	Equal Area Zoning
Date:	JUNE 1997
Instrumentation:	Rx = IRIS IP-6 (6 channels) Tx = HUNTEC MK-4 (7.5 kW) + MG-10(10 kVA)

Surveyed & Processed by:

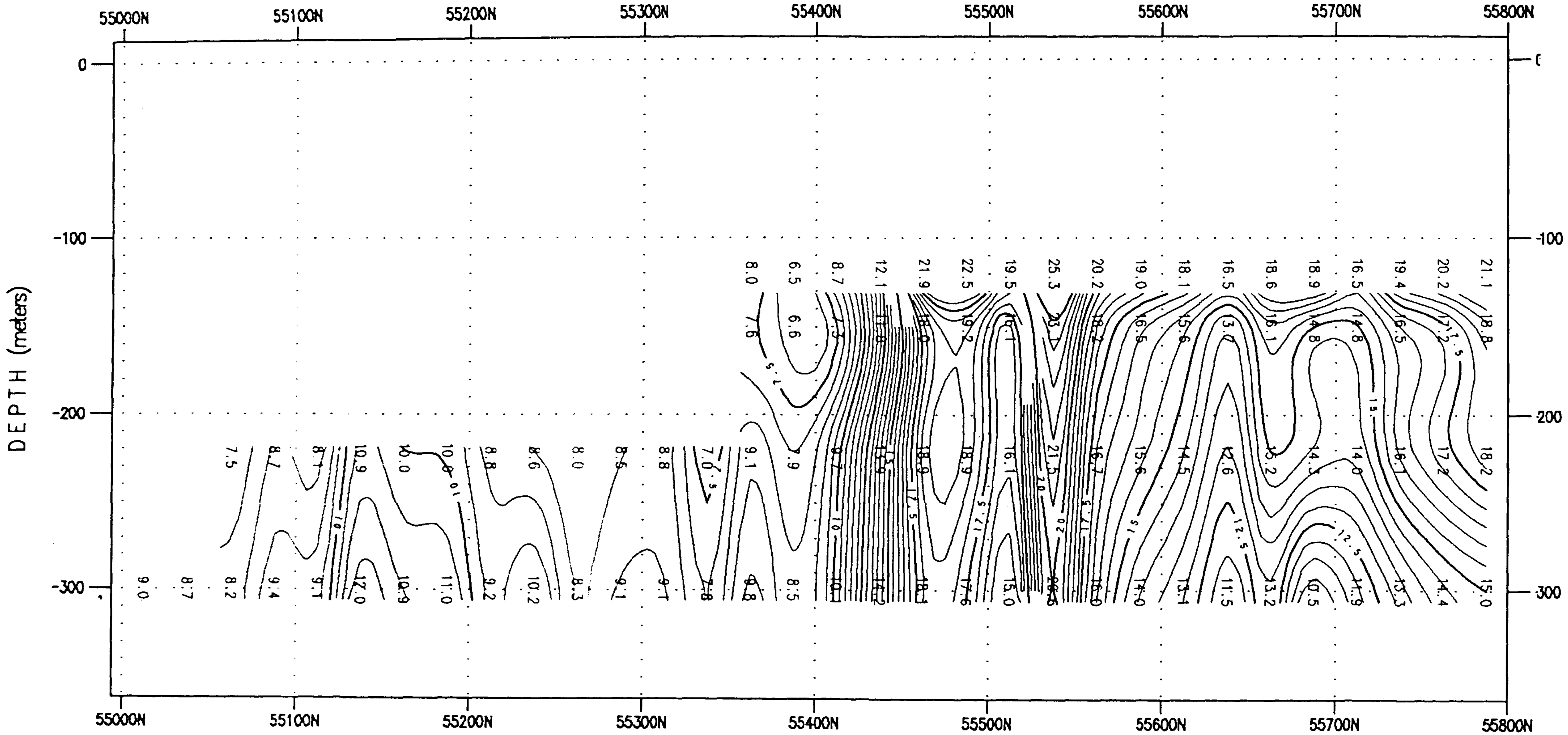
QUANTEC IP INC.

DWG. #: 185-RSIP-RES-3

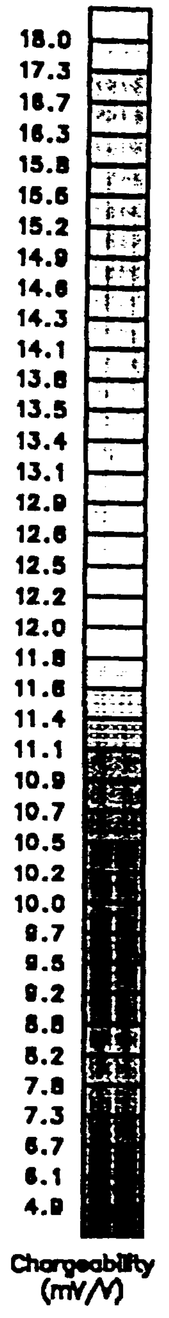
42C01SE0053 2.17441 DAVID LAKE

320

LINE 3500E TOTAL CHARGEABILITY (mV/V)

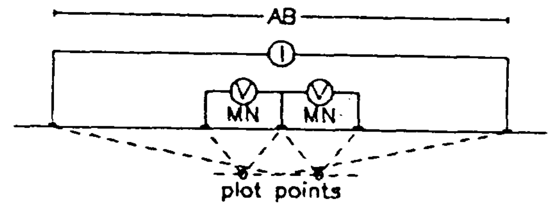


2.17441



LINE 3500E

Gradient Array



Scale 1:2500

25 0 25 50 75 100 125 150

(metres)

MURGOR RESOOURCES INC.

MACASSA CREEK BLOCK

MISHIBISHU LAKE PROJECT

TIME DOMAIN IP SURVEY

REALSECTION L3500E

TOTAL CHARGEABILITY

AB=800 TO 2000 METERS

Transmitter Frequency	0.0625 Hz (50% duty cycle)
Transmitter Current	1 TO 2.0 Amps
Decay Curve:	QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)
Station Interval:	25
Chargeability Contour Interval:	0.5, 2.5 mV/V
Colour Scale:	Equal Area Zoning
Date:	JUNE 1997
Instrumentation:	Rx = IRIS IP-6 (6 channels)
	Tx = HUNTEC MK-4 (7.5 kW) + MG-10(10 kVA)

Surveyed & Processed by:

QUANTEC IP INC.

DWG. #: 185-RSIP-CHG-3

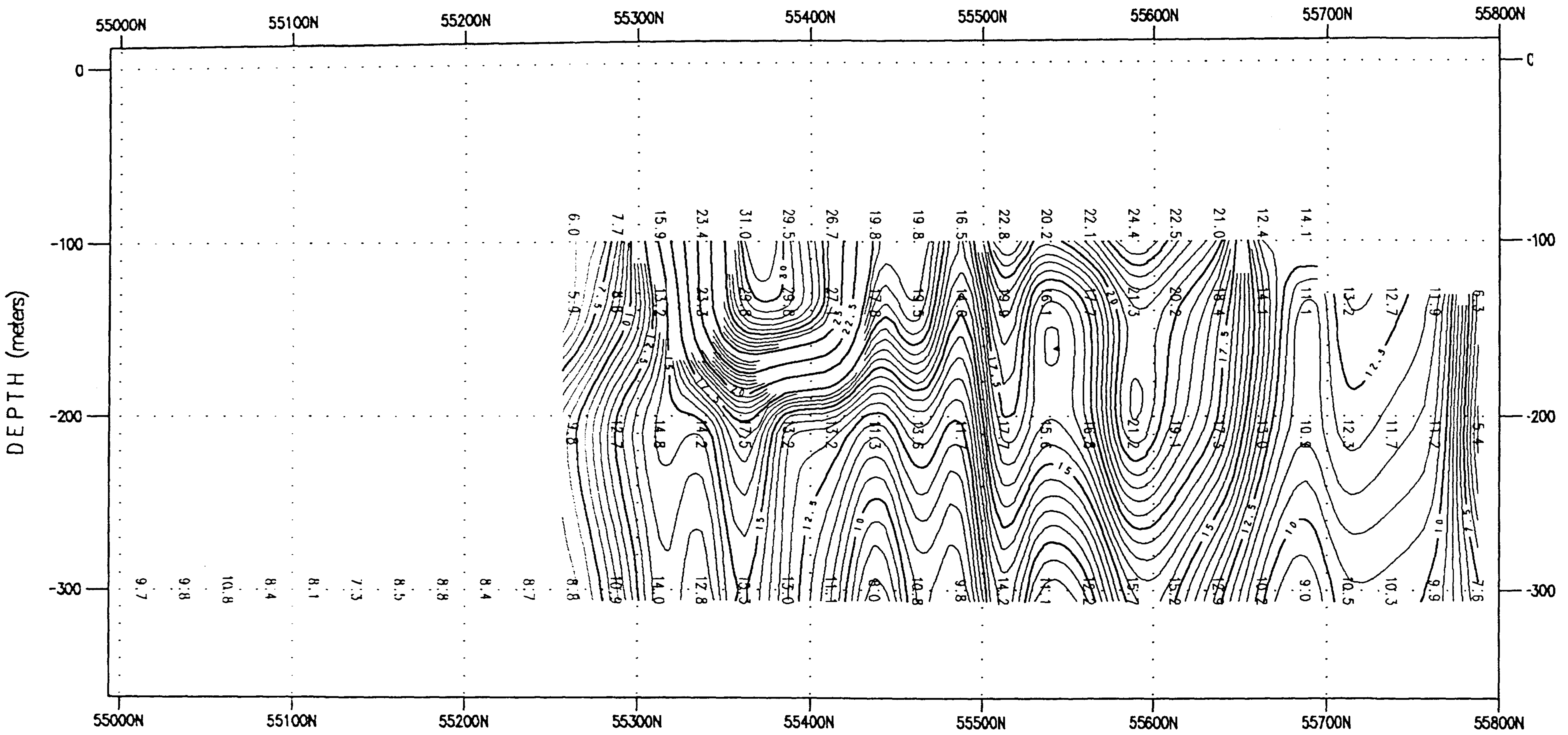
MAP # 21

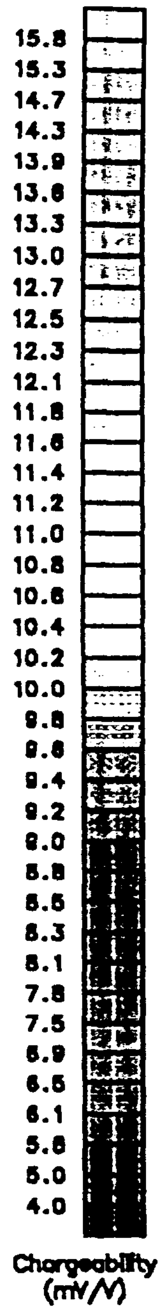
42C04SE0053 2.17441 DAVID LAKE

330

LINE 26+00E TOTAL CHARGEABILITY (mV/V)

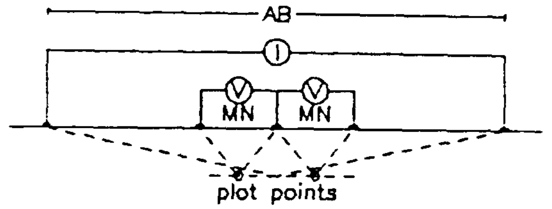
2.174 - 1





LINE 26+00E

Gradient Array



Scale 1:2500

25 0 25 50 75 100 125 150

(metres)

MURGOR RESOURCES INC.

MACASSA CREEK BLOCK

MISHIBISHU LAKE PROJECT

TIME DOMAIN IP SURVEY

REALSECTION L26+00E

TOTAL CHARGEABILITY

AB=600 TO 2000

Transmitter Frequency	0.0625 Hz (50% duty cycle)
Transmitter Current	0.8 to 2.6 Amps
Decay Curve:	QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)
Station Interval:	25
Chargeability Contour Interval:	0.5, 2.5 mV/V
Colour Scale:	Equal Area Zoning
Date:	MAY 1997
Instrumentation:	Rx = IRIS IP-6 (6 channels) Tx = HUNTEC MK-4 (7.5 kW) + MG-10(10 kVA)

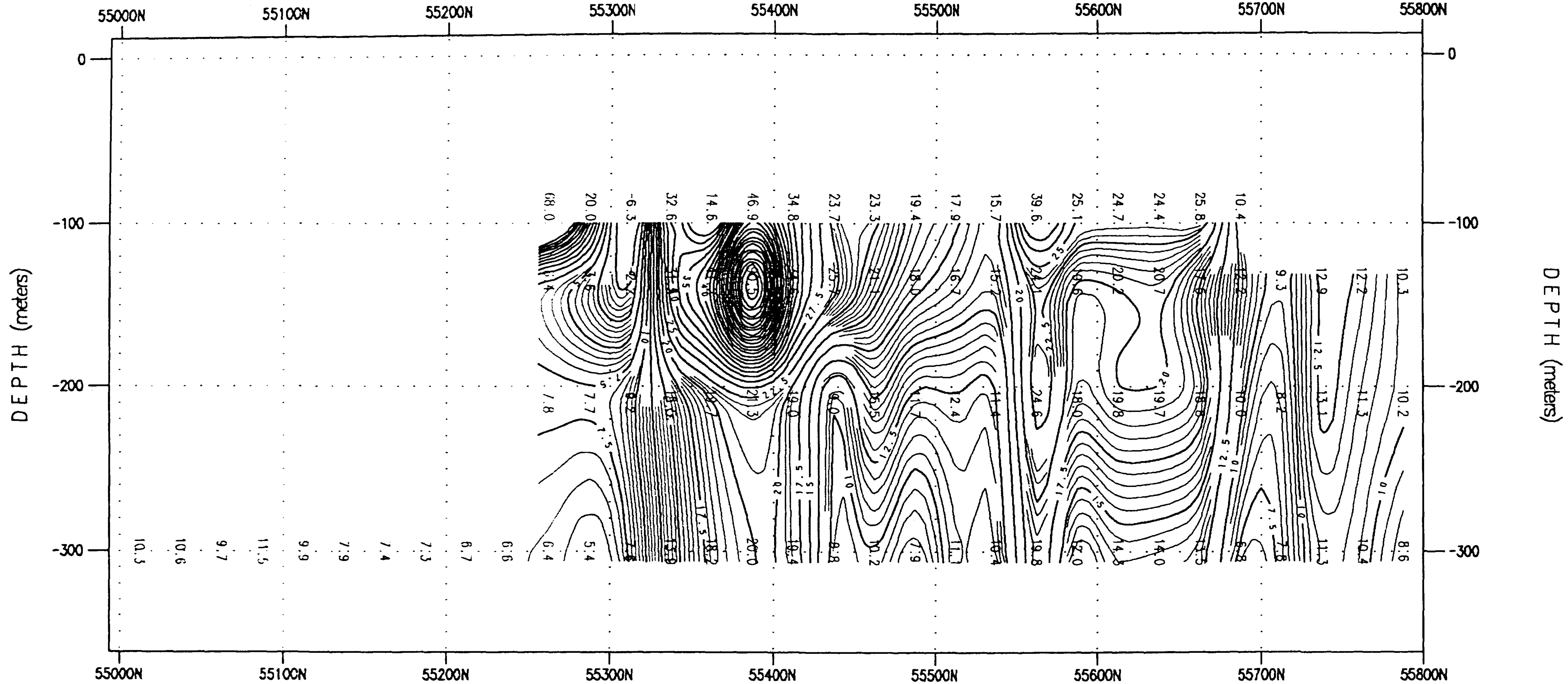
Surveyed & Processed by:

QUANTEC IP INC.

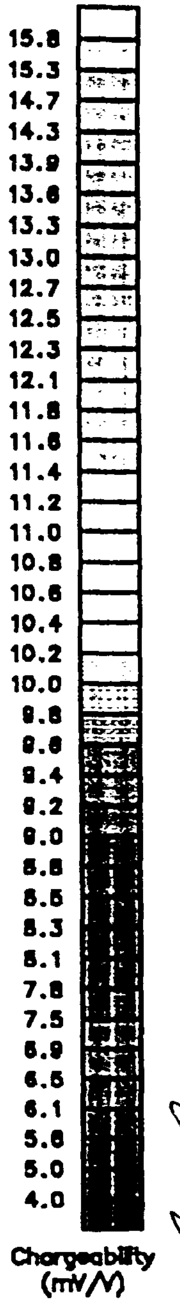
DWG. #: 185-RSIP-CHG-12

MAP # 22

LINE 27+00E TOTAL CHARGEABILITY (mV/V)

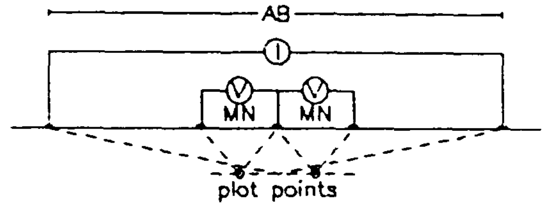


2.17441



LINE 27+00E

Gradient Array



Scale 1:2500

25 0 25 50 75 100 125 150

(metres)

MURGOR RESOURCES INC.

MACASSA CREEK BLOCK

MISHIBISHU LAKE PROJECT

TIME DOMAIN IP SURVEY

REALSECTION L27+00E

TOTAL CHARGEABILITY

AB=600 TO 2000

Transmitter Frequency	0.0625 Hz (50% duty cycle)
Transmitter Current	0.8 to 2.6 Amps
Decay Curve:	QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)
Station Interval:	25
Chargeability Contour Interval:	0.5, 2.5 mV/V
Colour Scale:	Equal Area Zoning
Date:	MAY 1997
Instrumentation:	Rx = IRIS IP-6 (6 channels) Tx = HUNTEC MK-4 (7.5 kW) + MG-10(10 kVA)

Surveyed & Processed by:

QUANTEC IP INC.

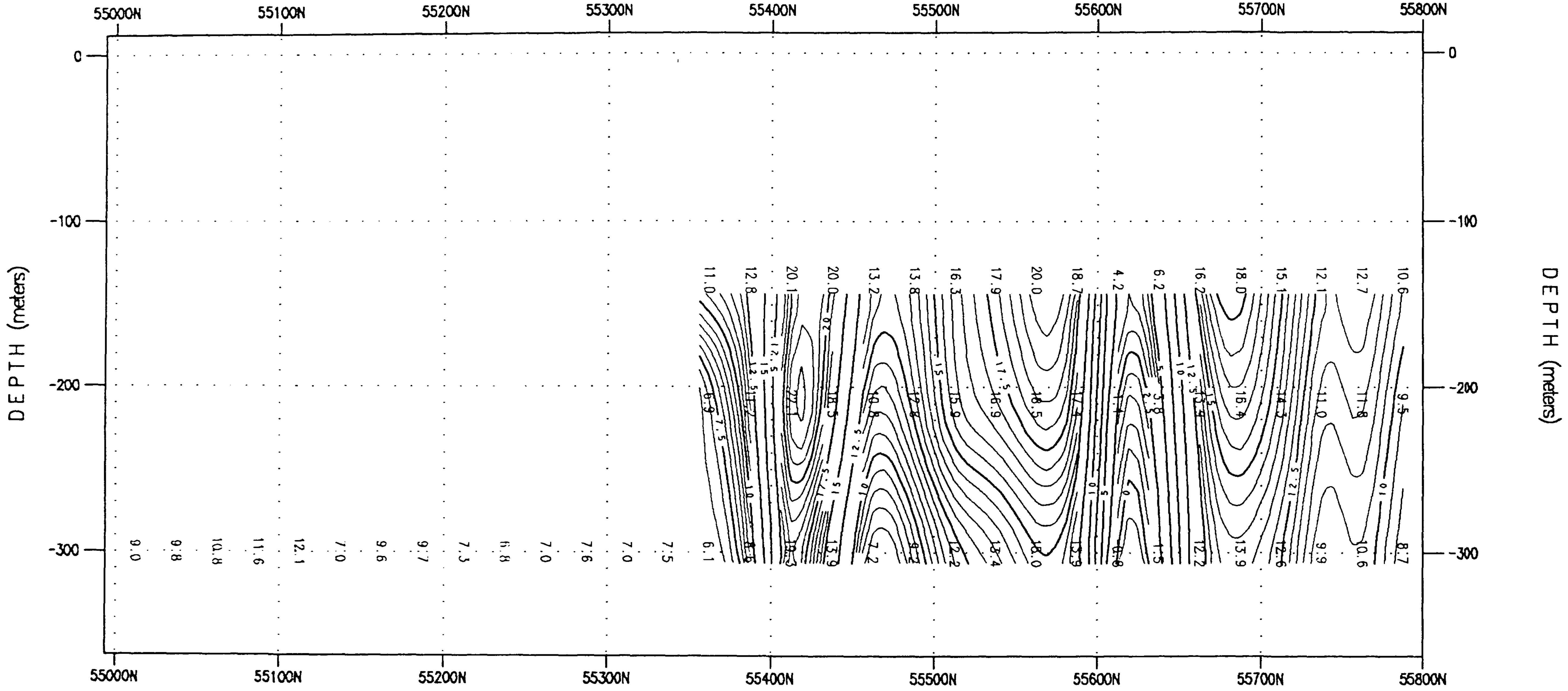
DWG. #: 185-RSIP-CHG-13

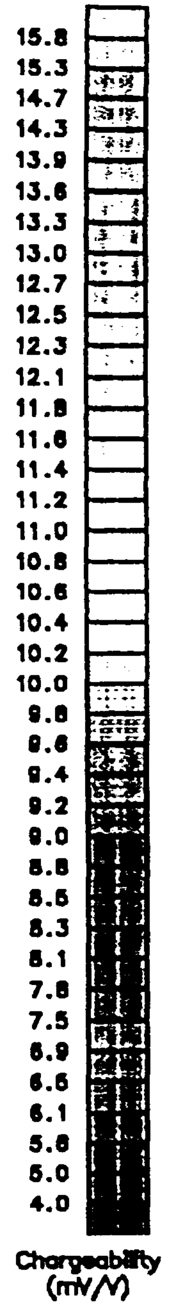
MAP # 23

350

LINE 29+00E TOTAL CHARGEABILITY (mV/V)

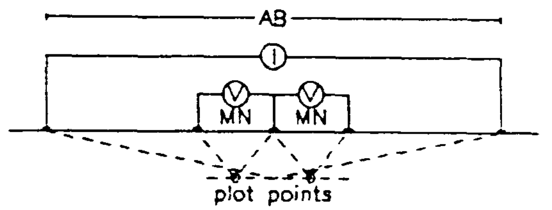
2.17441





LINE 29+00E

Gradient Array



Scale 1:2500

25 0 25 50 75 100 125 150

(metres)

MURGOR RESOURCES INC.
MACASSA CREEK BLOCK
MISHIBISHU LAKE PROJECT

TIME DOMAIN IP SURVEY
REALSECTION L29+00E
TOTAL CHARGEABILITY
AB=900 TO 2000

Transmitter Frequency	0.0625 Hz (50% duty cycle)
Transmitter Current	0.8 to 2.6 Amps
Decay Curve:	QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)
Station Interval:	25
Chargeability Contour Interval:	0.5, 2.5 mV/V
Colour Scale:	Equal Area Zoning
Date:	MAY 1997
Instrumentation:	Rx = IRIS IP-6 (6 channels) Tx = HUNTEC MK-4 (7.5 kW) + MG-10(10 kVA)

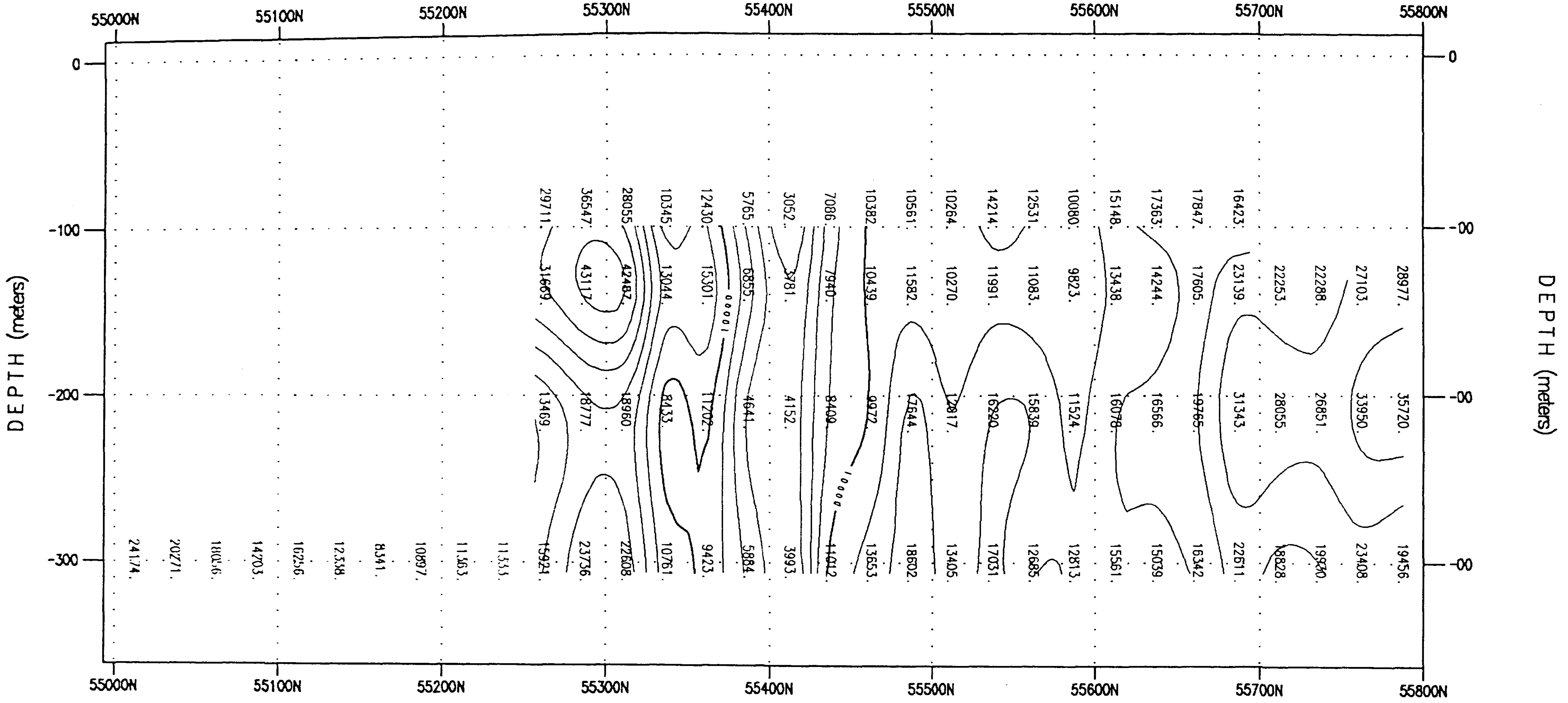
Surveyed & Processed by:
QUANTEC IP INC.
DWG. #: 185-RSIP-CHG-15

MAP # 24

42C04SE0053 2.17441 DAVID LAKE

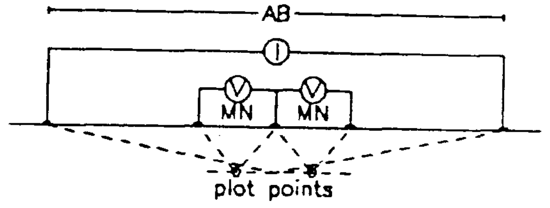
LINE 26+00E APPARENT RESISTIVITY (ohm-metres)

2.17441

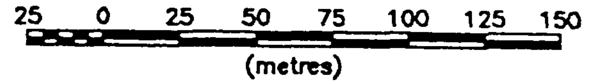


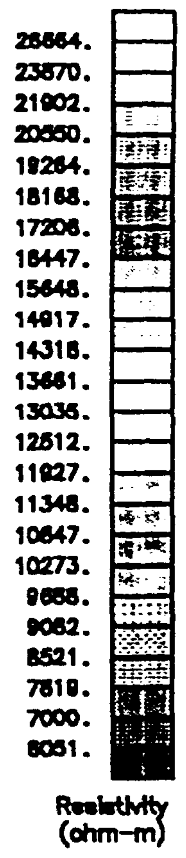
LINE 26+00E

Gradient Array



Scale 1:2500





MURGOR RESOURCES INC.
MACASSA CREEK BLOCK
MISHIBISHU LAKE PROJECT

TIME DOMAIN IP SURVEY
REALSECTION L26+00E
APPARENT RESISTIVITY
AB=600 TO 2000

Transmitter Frequency	0.0625 Hz (50% duty cycle)
Transmitter Current	0.8 to 2.6 Amps
Decay Curve:	QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)
Station Interval:	25
Resistivity Contour Interval:	10 levels/log decade
Colour Scale:	Equal Area Zoning
Date:	MAY 1997
Instrumentation:	Rx = IRIS IP-6 (6 channels) Tx = HUNTEC MK-4 (7.5 kW) + MG-10(10 kVA)

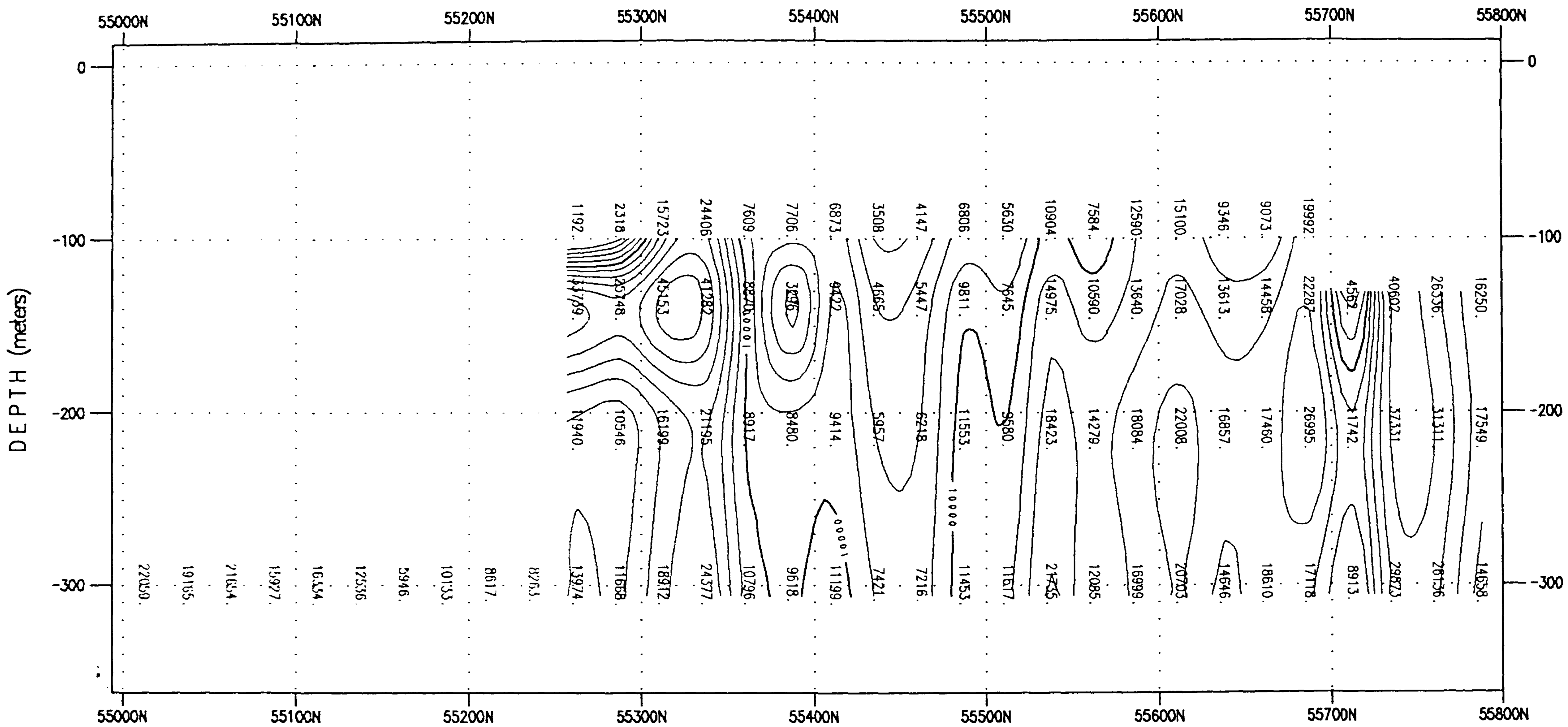
Surveyed & Processed by:
QUANTEC IP INC.
DWG. #: 185-RSIP-RES-12

MAP # 25

42C04SE0053 2.17441 DAVID LAKE

370

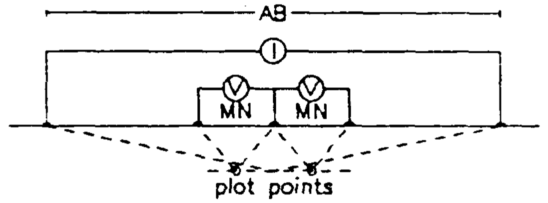
LINE 27+00E APPARENT RESISTIVITY (ohm-metres)



2.17441

LINE 27+00E

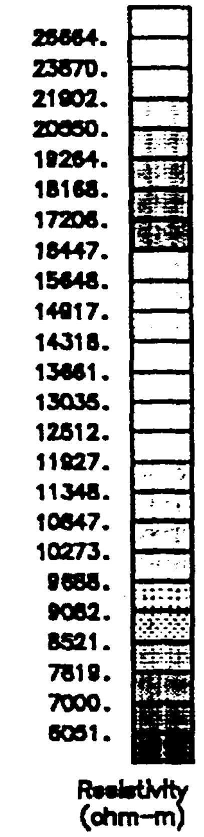
Gradient Array



Scale 1:2500

25 0 25 50 75 100 125 150

(metres)



MURGOR RESOURCES INC.
MACASSA CREEK BLOCK
MISHIBISHU LAKE PROJECT

TIME DOMAIN IP SURVEY
REALSECTION L27+00E
APPARENT RESISTIVITY
AB=600 TO 2000

Transmitter Frequency	0.0625 Hz (50% duty cycle)
Transmitter Current	0.8 to 2.6 Amps
Decay Curve:	QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)
Station Interval:	25
Resistivity Contour Interval:	10 levels/log decade
Colour Scale:	Equal Area Zoning
Date:	MAY 1997
Instrumentation:	Rx = IRIS IP-6 (6 channels) Tx = HUNTEC MK-4 (7.5 kW) + MG-10(10 kVA)

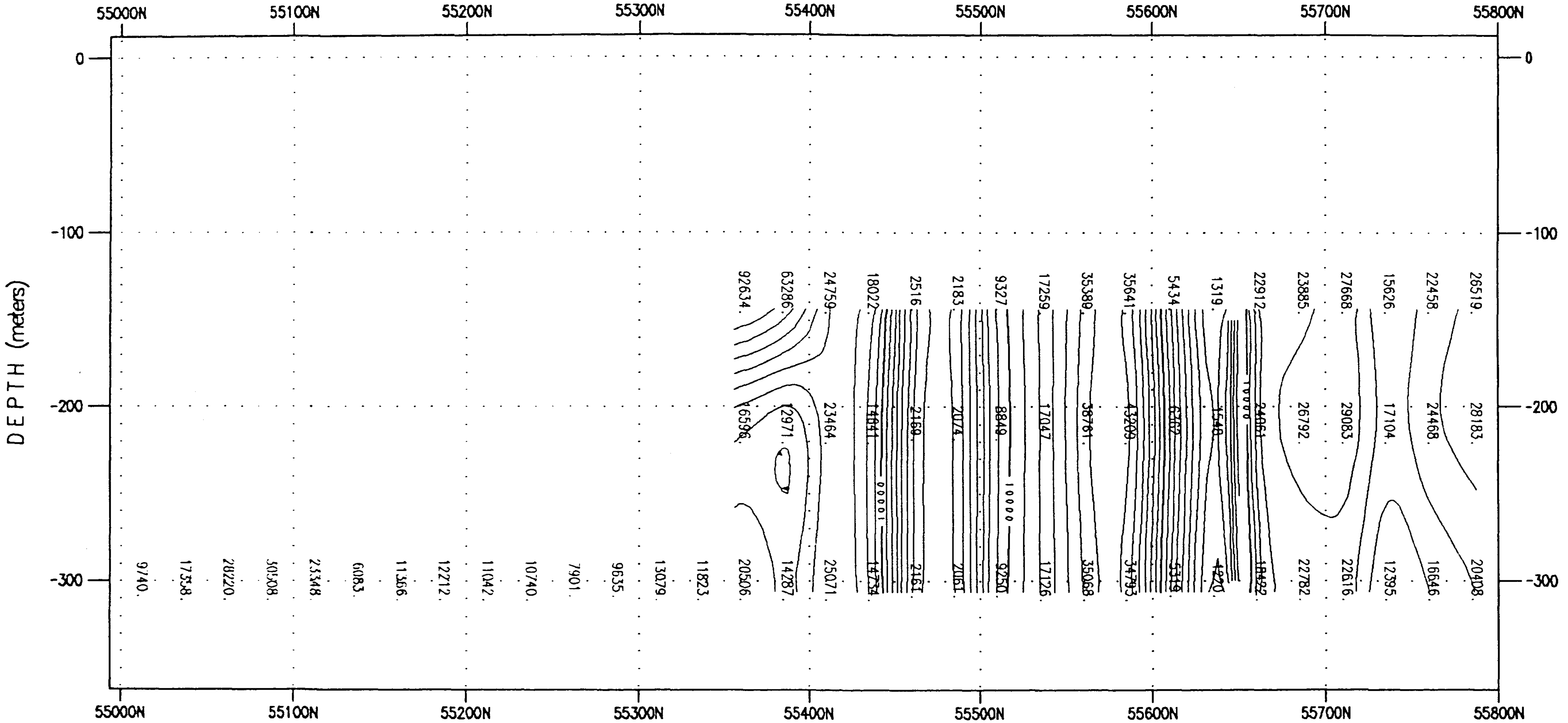
Surveyed & Processed by:
QUANTEC IP INC.
DWG. #: 185-RSIP-RES-13

MAP # 26

42C04SE0053 2.17441 DAVID LAKE

380

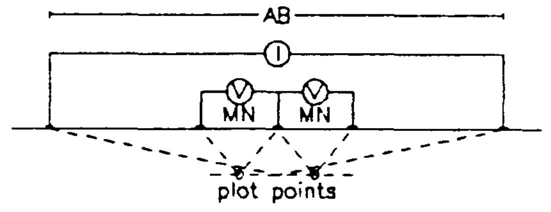
LINE 29+00E APPARENT RESISTIVITY (ohm-metres)



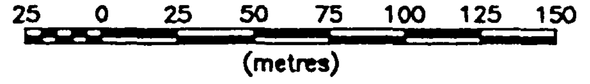
2.17441

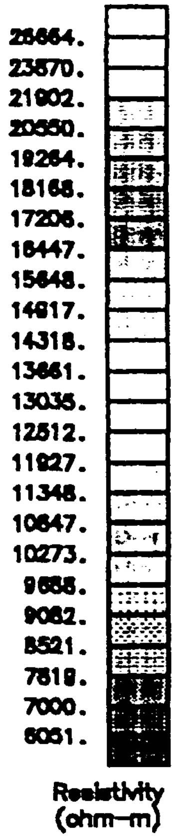
LINE 29+00E

Gradient Array



Scale 1:2500





MURGOR RESOURCES INC.
MACASSA CREEK BLOCK
MISHIBISHU LAKE PROJECT

TIME DOMAIN IP SURVEY
REALSECTION L29+00E
APPARENT RESISTIVITY
AB=900 TO 2000

Transmitter Frequency	0.0625 Hz (50% duty cycle)
Transmitter Current	0.8 to 2.6 Amps
Decay Curve:	QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)
Station Interval:	25
Resistivity Contour Interval:	10 levels/log decade
Colour Scale:	Equal Area Zoning
Date:	MAY 1997
Instrumentation:	Rx = IRIS IP-6 (6 channels) Tx = HUNTEC MK-4 (7.5 kW) + MG-10(10 kVA)

MAP # 29

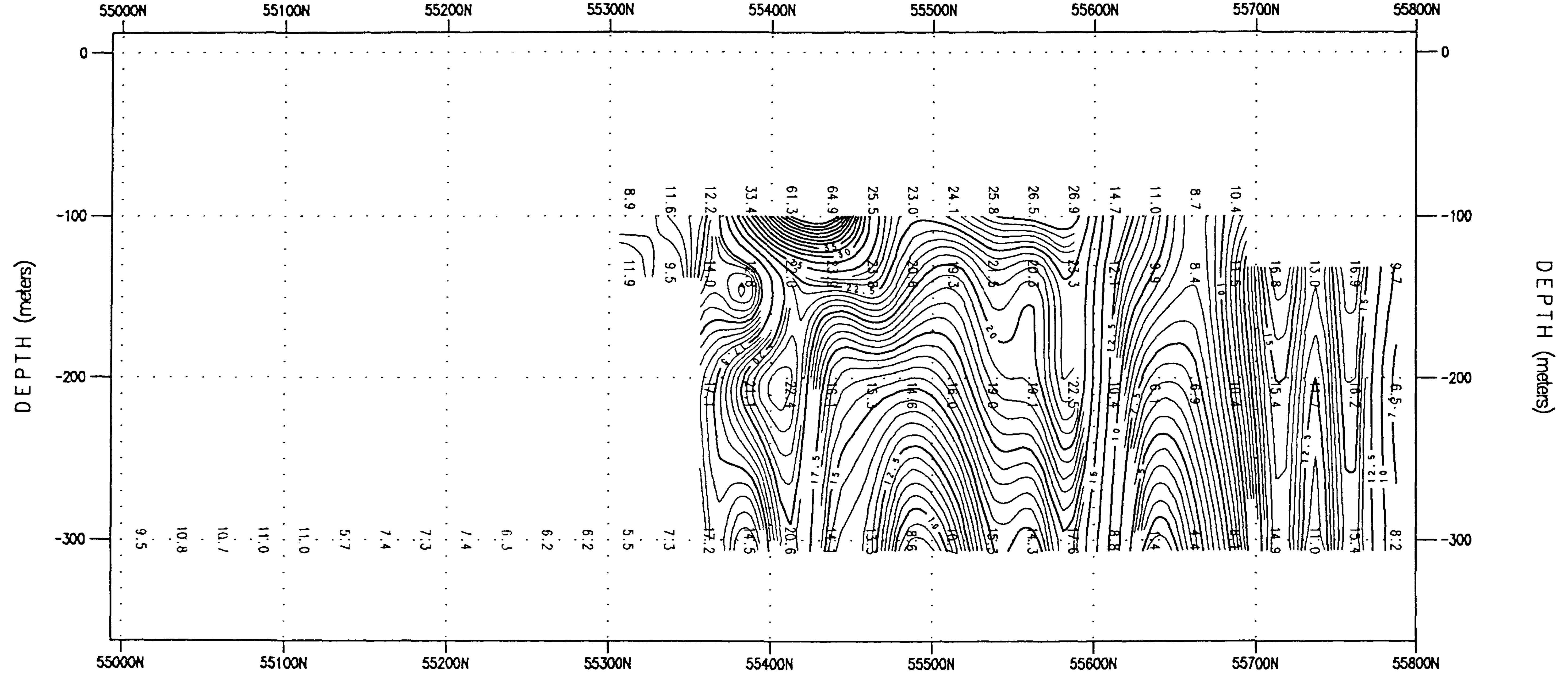
Surveyed & Processed by:
QUANTEC IP INC.
DWG. #: 185-RSIP-RES-15

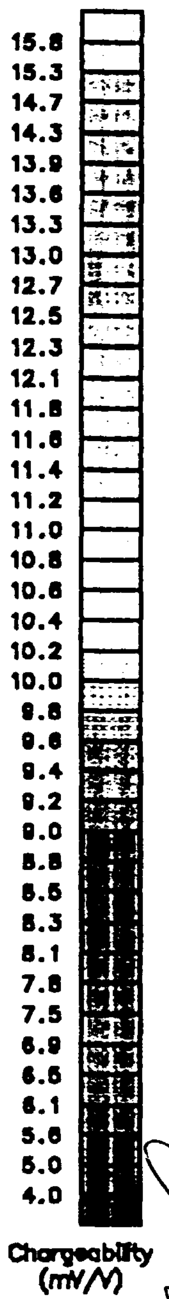
42C04SE0053 2.17441 DAVID LAKE

390

LINE 28+00E TOTAL CHARGEABILITY (mV/V)

2.17441

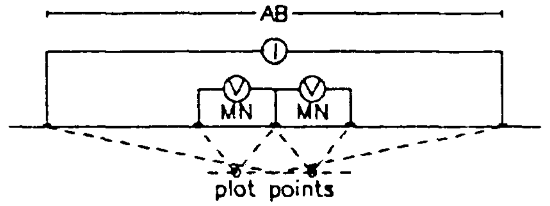




MAP # 28

LINE 28+00E

Gradient Array



Scale 1:2500

25 0 25 50 75 100 125 150

(metres)

MURGOR RESOURCES INC.
MACASSA CREEK BLOCK
MISHIBISHU LAKE PROJECT

TIME DOMAIN IP SURVEY
REALSECTION L28+00E
TOTAL CHARGEABILITY
AB=600 TO 2000

Transmitter Frequency	0.0625 Hz (50% duty cycle)
Transmitter Current	0.3 to 2.6 Amps
Decay Curve:	QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)
Station Interval:	25
Chargeability Contour Interval:	0.5, 2.5 mV/V
Colour Scale:	Equal Area Zoning
Date:	MAY 1997
Instrumentation:	Rx = IRIS IP-6 (6 channels) Tx = HUNTEC MK-4 (7.5 kW) + MG-10(10 kVA)

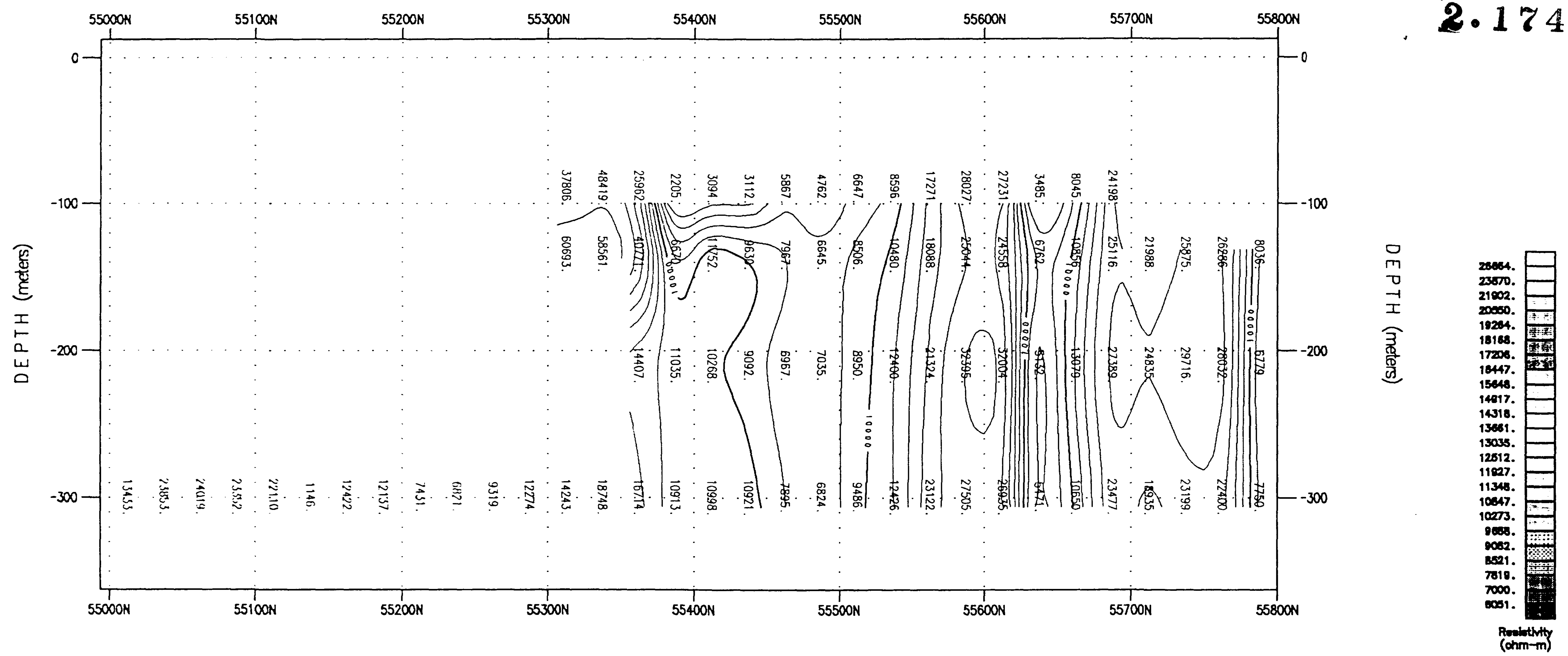
Surveyed & Processed by:
QUANTEC IP INC.
DWG. #: 185-RSIP-CHG-14

42C04SE0053 2.17441 DAVID LAKE

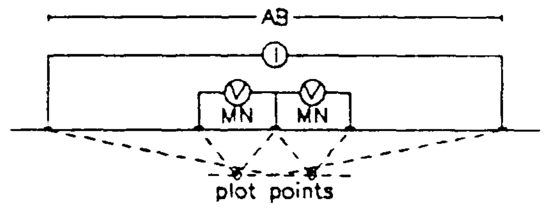
400

LINE 28+00E APPARENT RESISTIVITY (ohm-metres)

2.17441



LINE 28+00E



Scale 1:2500

25 0 25 50 75 100 125 150 (metres)

MURGOR RESOURCES INC.
MACASSA CREEK BLOCK
MISHIBISHU LAKE PROJECT

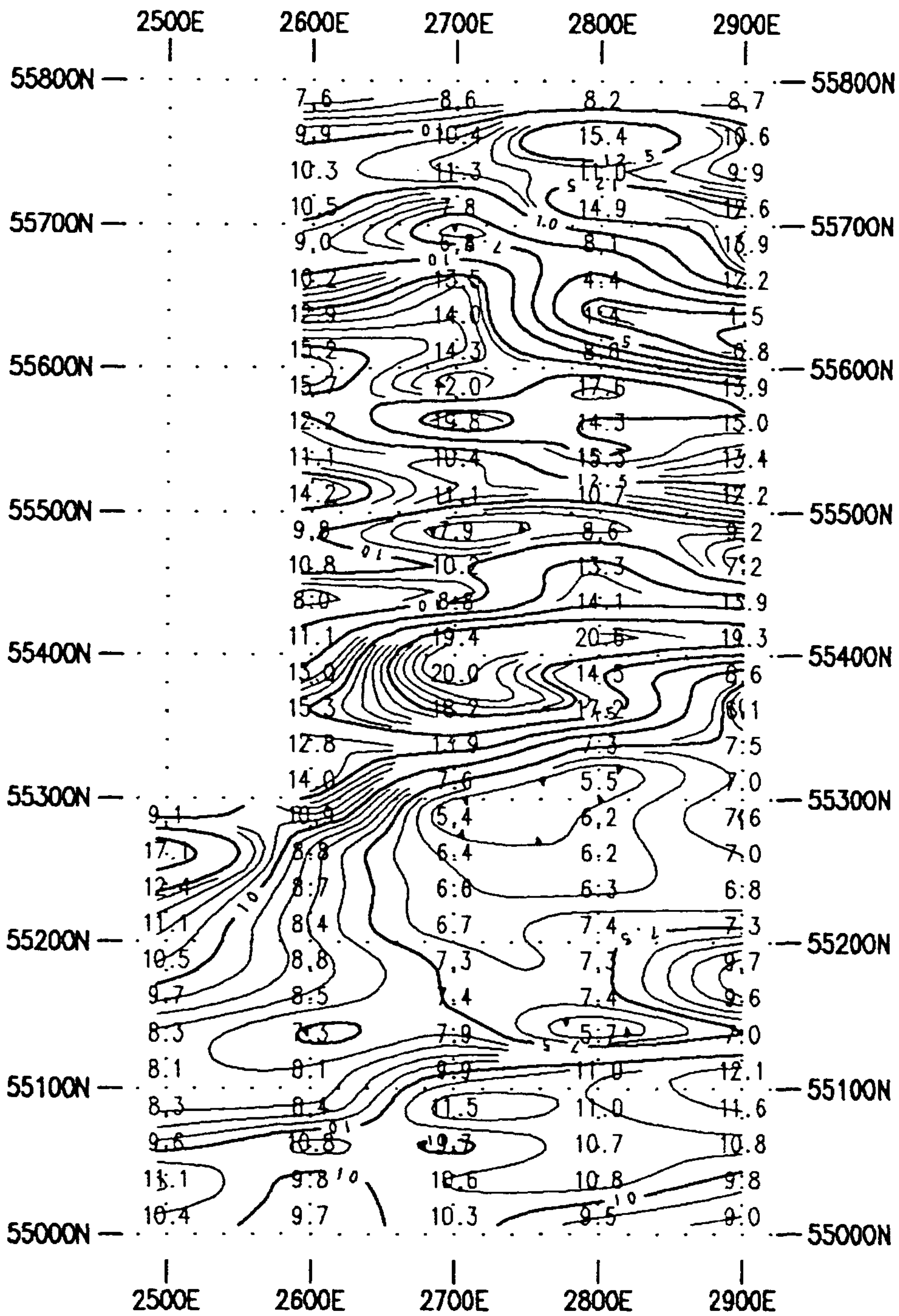
TIME DOMAIN IP SURVEY
REALSECTION L28+00E
APPARENT RESISTIVITY
AB=600 TO 2000

Transmitter Frequency	0.0625 Hz (50% duty cycle)
Transmitter Current	0.8 to 2.6 Amps
Decay Curve:	QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)
Station interval:	25
Resistivity Contour Interval:	10 levels/log decade
Colour Scale:	Equal Area Zoning
Date:	MAY 1997
Instrumentation:	Rx = IRIS IP-6 (6 channels) Tx = HUNTEC MK-4 (7.5 kW) + MG-10(10 kVA)

Surveyed & Processed by:
QUANTEC IP INC.
DWG. #: 185-RSIP-RES-14

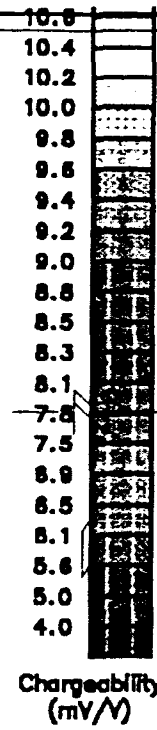
MAP # 27

TOTAL CHARGEABILITY (mV/V)

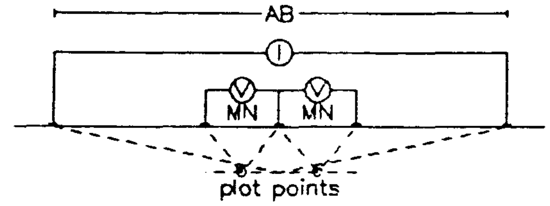


420

42C04SE0053 2.17441 DAVID LAKE



Gradient Array



Scale 1:5000

50 0 50 100 150 200 250 300

(metres)

MURGOR RESOURCES INC.
MACASSA CREEK BLOCK
MISHIBISHU LAKE PROJECT

TIME DOMAIN IP SURVEY
Gradient Array
TOTAL CHARGEABILITY
AB= 2000 meters

Transmitter Frequency	0.0625 Hz (50% duty cycle)
Transmitter Current	0.8 to 2.6 Amps
Decay Curve:	QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)
Station Interval:	25
Chargeability Contour Interval:	0.5, 2.5 mV/V
Colour Scale:	Equal Area Zoning
Date:	MAY 1997
Instrumentation:	Rx = IRIS IP-6 (6 channels)
	Tx = HUNTEC MK-4 (7.5 kW) + MG-10(10 kVA)

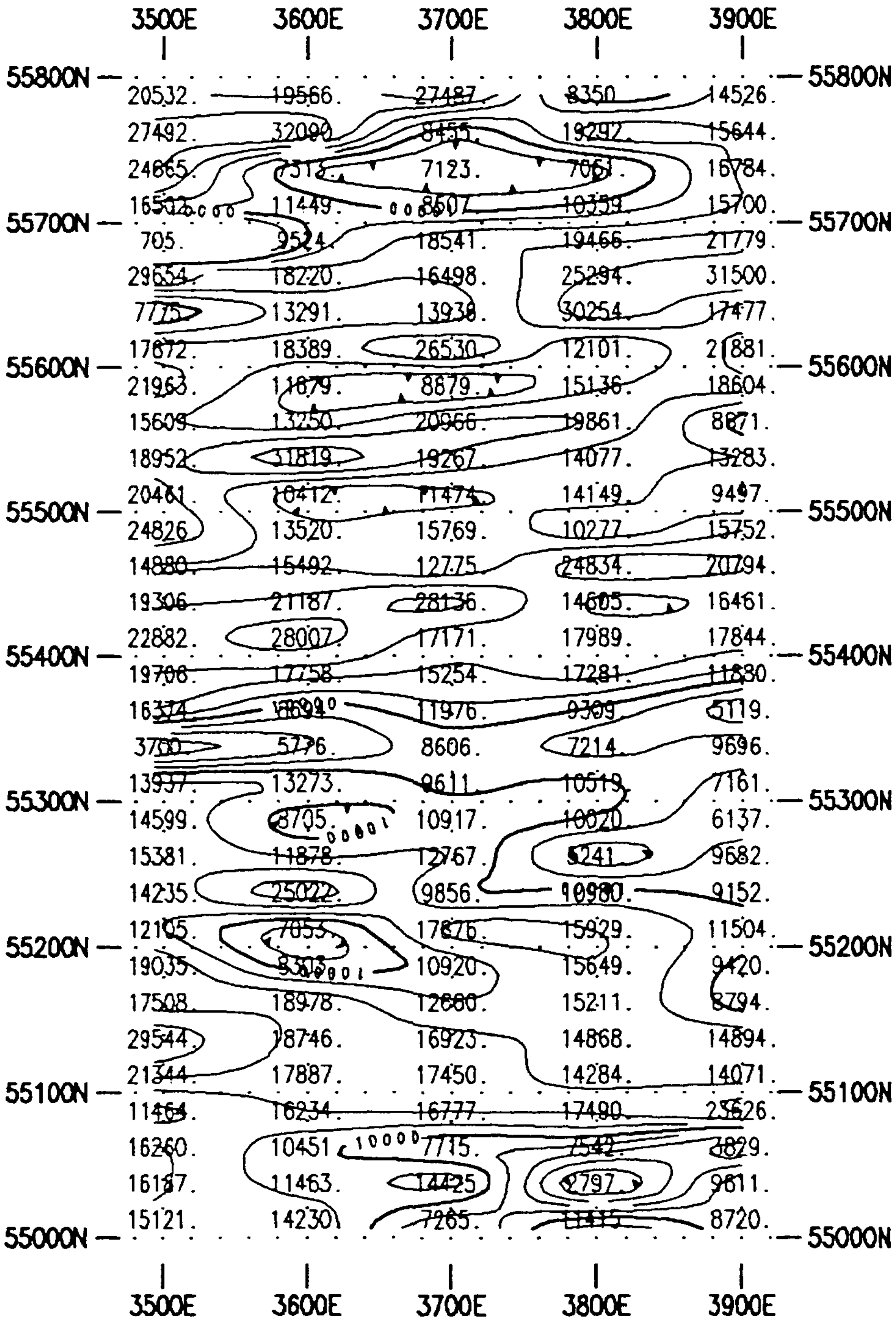
MAP# 10

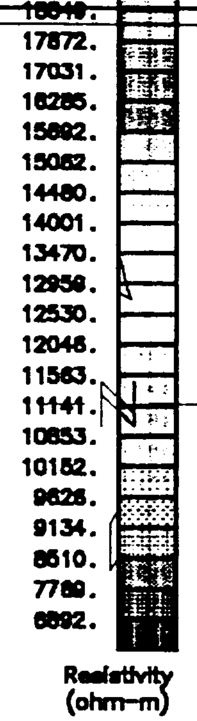
Surveyed & Processed by:
QUANTEC IP INC.
DWG. #: 185-PLAN-CHG-10

430

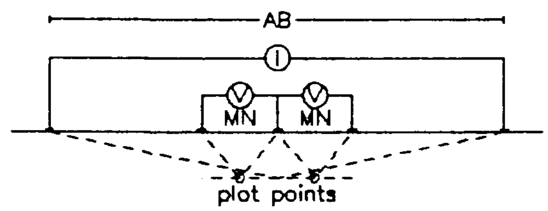
42C04SE0053 2.17441 DAVID LAKE

PPARENT RESISTIVITY (ohm-metres)

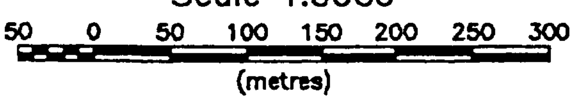




Gradient Array



Scale 1:5000



MURGOR RESOURCES INC.
MACASSA CREEK BLOCK
MISHIBISHU LAKE PROJECT

TIME DOMAIN IP SURVEY
Gradient Array
APPARENT RESISTIVITY
AB= 2000 meters

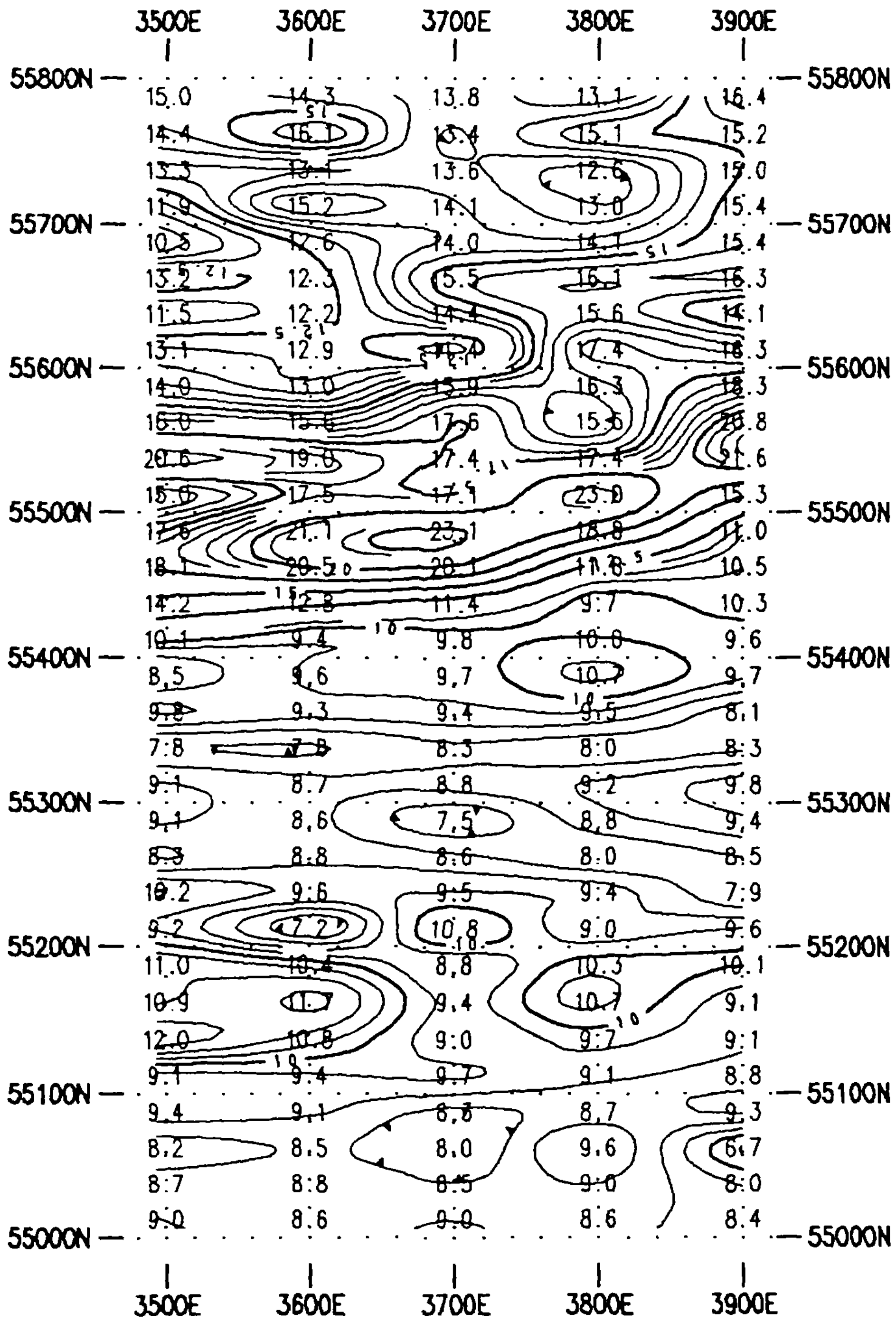
Transmitter Frequency	0.0625 Hz (50% duty cycle)
Transmitter Current	0.8 to 2.6 Amps
Decay Curve:	QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)
Station Interval:	25
Resistivity Contour Interval:	10 levels/log decade
Colour Scale:	Equal Area Zoning

Date:	MAY 1997
Instrumentation:	Rx = IRIS IP-6 (6 channels)
	Tx = HUNTEC MK-4 (7.5 kW) + MG-10(10 kVA)

Surveyed & Processed by:
QUANTEC IP INC.
DWG. #: 185-PLAN-RES-1

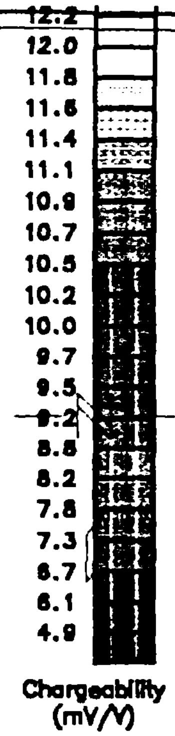
MAP # 11

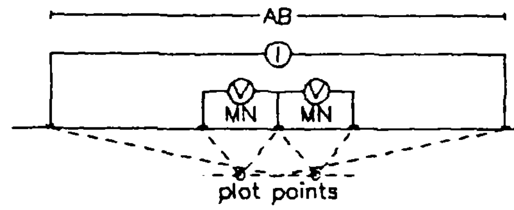
TOTAL CHARGEABILITY (mV/V)



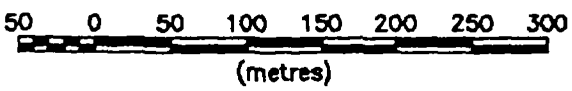
440

42C04SE0053 2.17441 DAVID LAKE





Scale 1:5000



MURGOR RESOURCES INC.
MACASSA CREEK BLOCK
MISHIBISHU LAKE PROJECT

TIME DOMAIN IP SURVEY
Gradient Array
TOTAL CHARGEABILITY
AB= 2000 meters

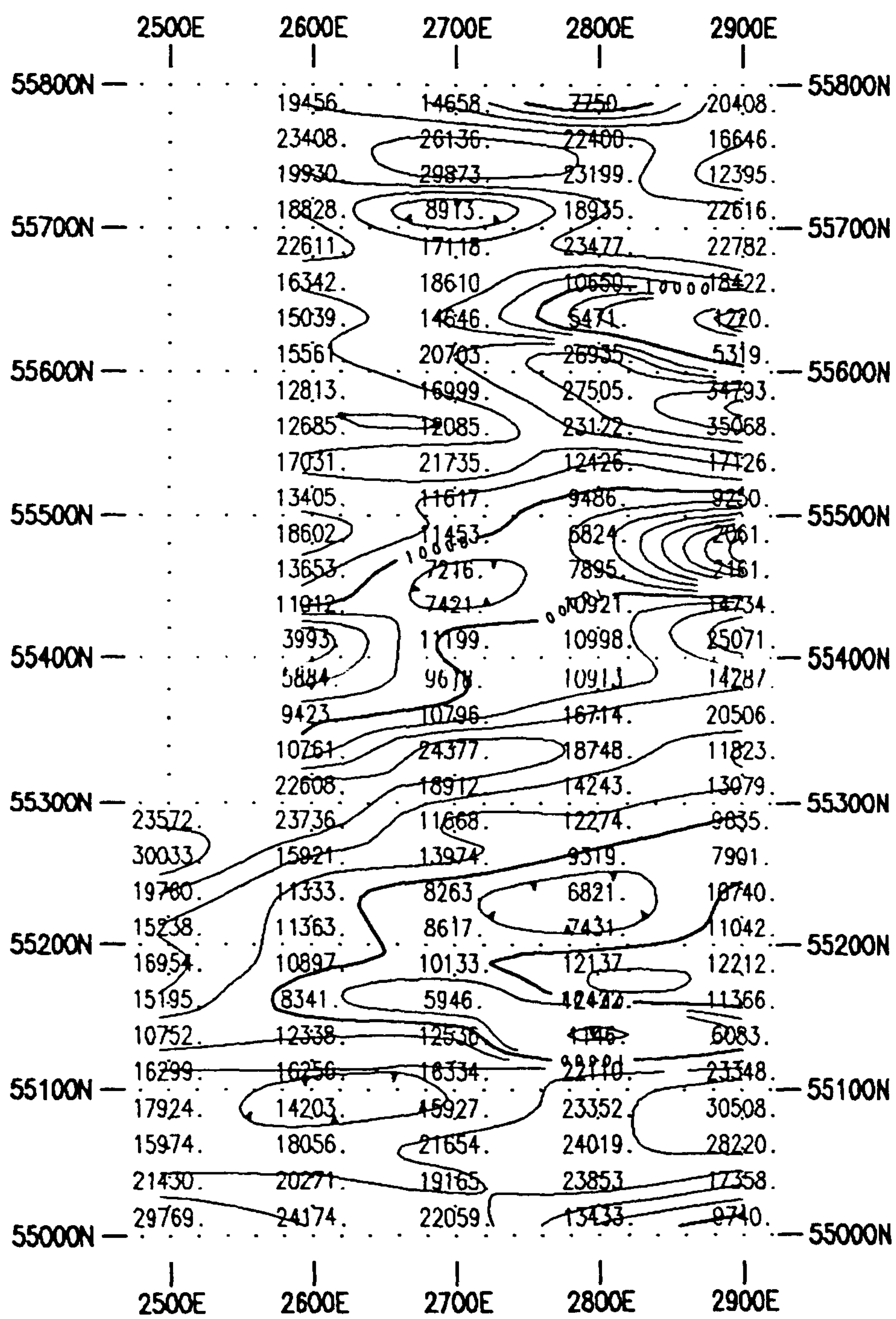
Transmitter Frequency	0.0625 Hz (50% duty cycle)
Transmitter Current	0.8 to 2.6 Amps
Decay Curve:	QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)
Station Interval:	25
Chargeability Contour Interval:	0.5, 2.5 mV/V
Colour Scale:	Equal Area Zoning

Date:	MAY 1997
Instrumentation:	Rx = IRIS IP-6 (6 channels)
	Tx = HUNTEC MK-4 (7.5 kW) + MG-10(10 kVA)

Surveyed & Processed by:
QUANTEC IP INC.
DWG. #: 185-PLAN-CHG-1

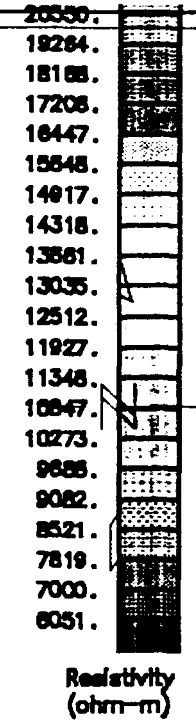
MAP # 12

PPARENT RESISTIVITY (ohm-metres)

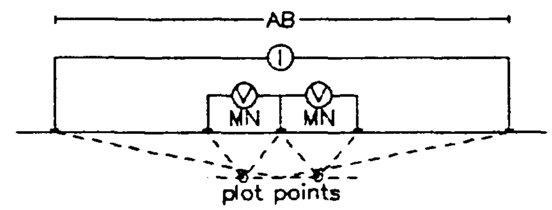


450

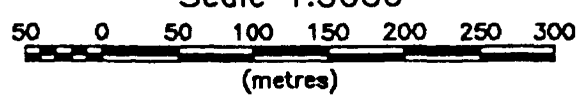
42C04SE0053 2.17441 DAVID LAKE



Gradient Array



Scale 1:5000



MURGOR RESOURCES INC.
MACASSA CREEK BLOCK
MISHIBISHU LAKE PROJECT

TIME DOMAIN IP SURVEY
Gradient Array
APPARENT RESISTIVITY
AB= 2000 meters

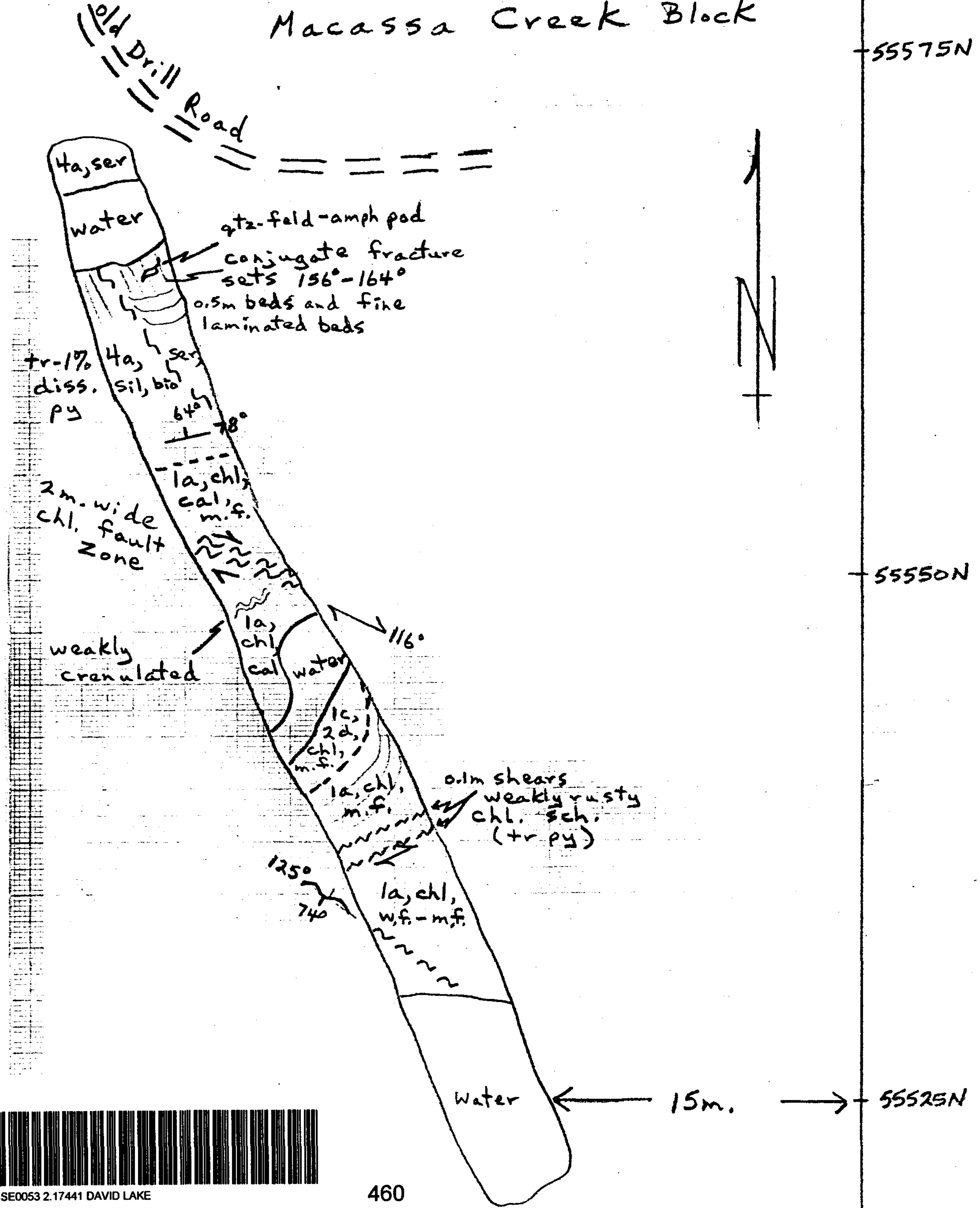
Transmitter Frequency	0.0625 Hz (50% duty cycle)
Transmitter Current	0.8 to 2.6 Amps
Decay Curve:	QIP IP-6 Custom Semilogarithmic Windows 10 Gates (60ms to 3540ms)
Station Interval:	25
Resistivity Contour Interval:	10 levels/log decade
Colour Scale:	Equal Area Zoning
Date:	MAY 1997
Instrumentation:	Rx = IRIS IP-6 (6 channels) Tx = HUNTEC MK-4 (7.5 kW) + MG-10(10 kVA)

Surveyed & Processed by:
QUANTEC IP INC.
DWG. #: 185-PLAN-RES-10

MAP #9

2.17441

Trench T-3A
Macassa Creek Block

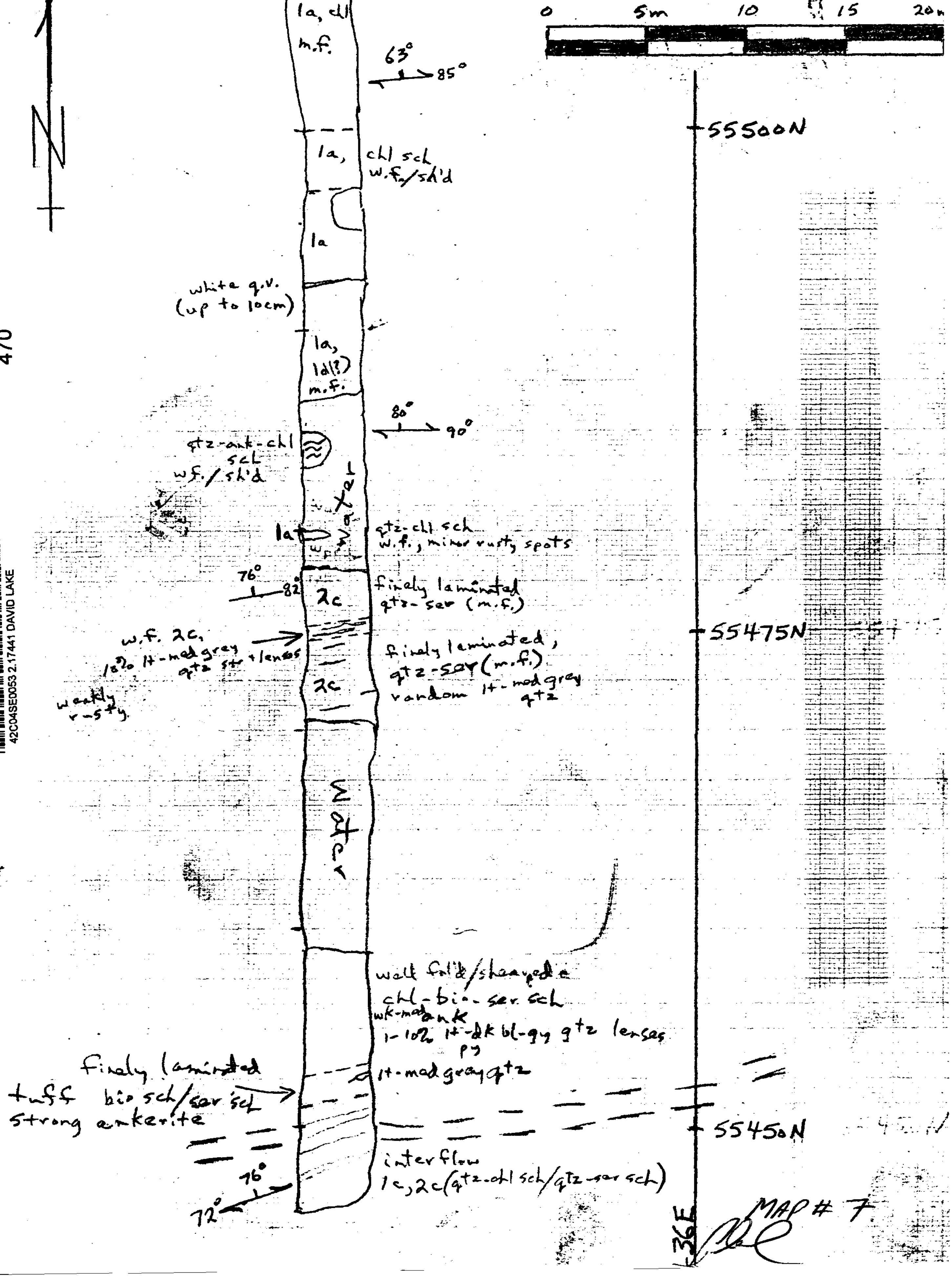


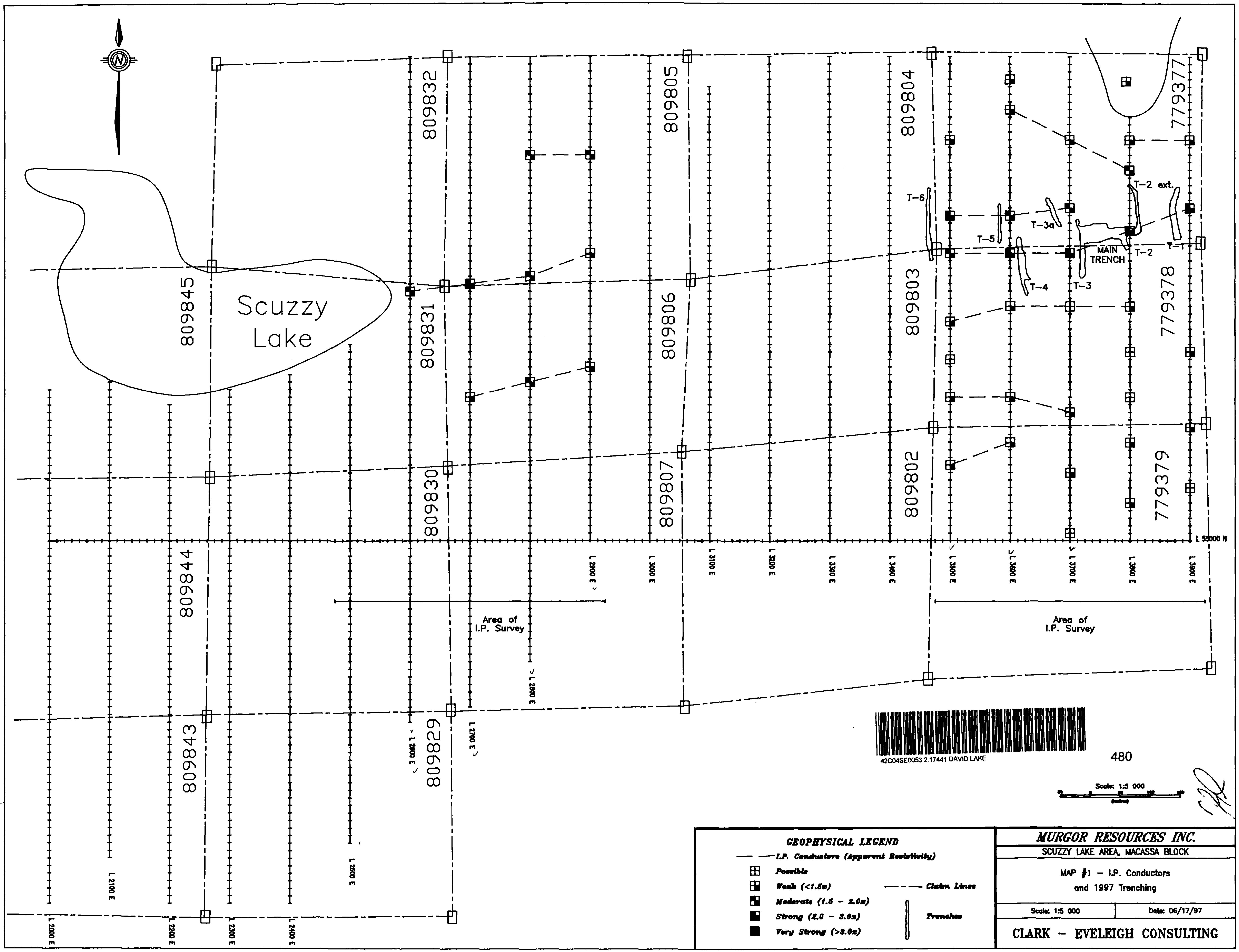
42C04SE0053 2.17441 DAVID LAKE

SCALE: 1:250 MAP #5

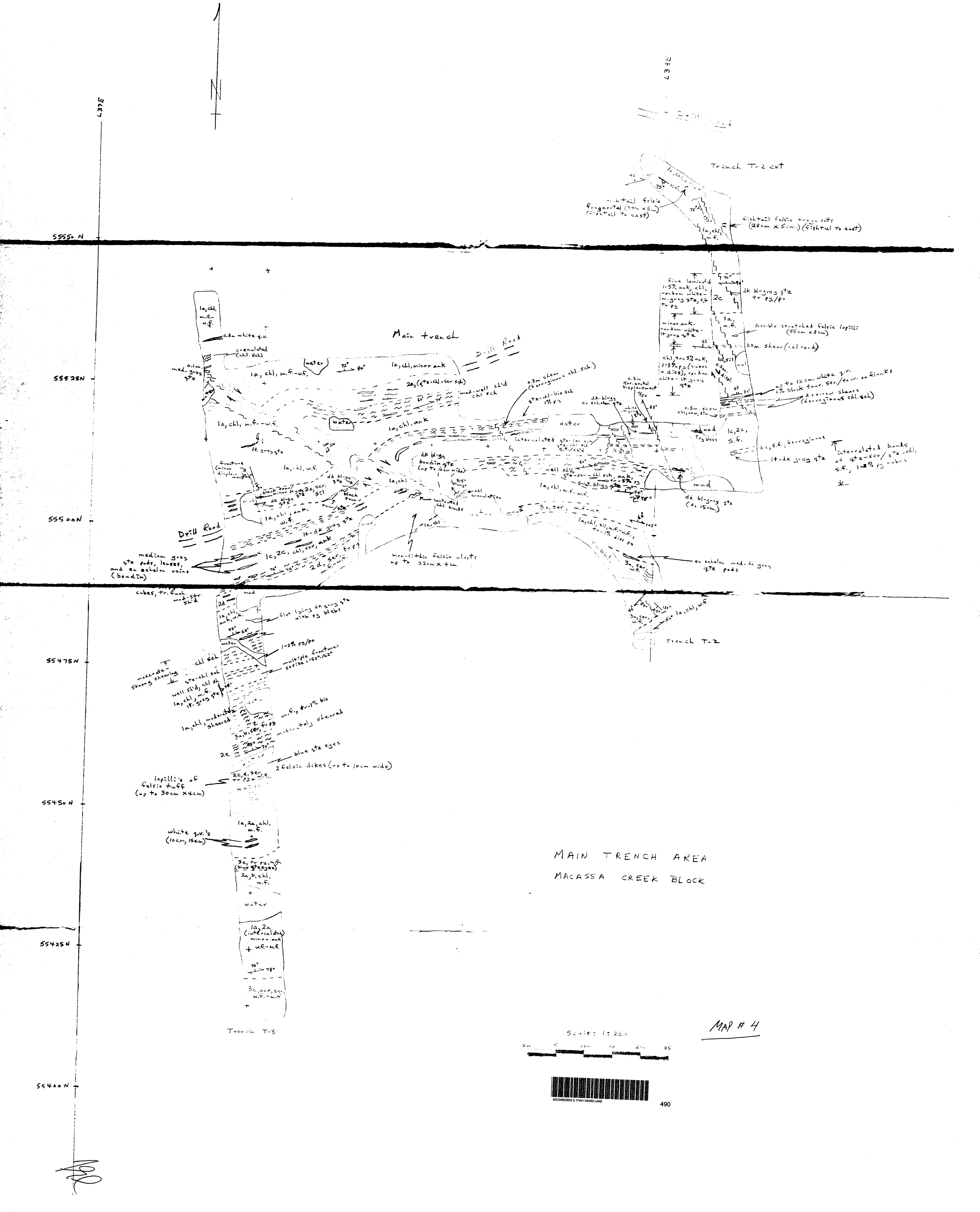
0 5 10m. 15 20m.

TRENCH #5
Macassa Creek Block
Scale: 1:250





Scuzzy Lake
809845
809844
809843
809832
809831
809830
809829
809805
809806
809807
809804
809803
809802
779377
779378
779379
T-6
T-5
T-4
T-3
T-3a
T-2 ext.
T-2
T-1
MAIN TRENCH
L 55000 N
L 2000 E
L 2100 E
L 2200 E
L 2300 E
L 2400 E
L 2500 E
L 2600 E
L 2700 E
L 2800 E
L 2900 E
L 3000 E
L 3100 E
L 3200 E
L 3300 E
L 3400 E
L 3500 E
L 3600 E
L 3700 E
L 3800 E
L 3900 E
Area of I.P. Survey
Area of I.P. Survey
42C04SE0053 2.17441 DAVID LAKE
480
Scale: 1:5 000
GEOPHYSICAL LEGEND
I.P. Conductors (Apparent Resistivity)
Possible
Weak (<1.5x)
Moderate (1.5 - 2.0x)
Strong (2.0 - 3.0x)
Very Strong (>3.0x)
Claim Lines
Trenches
MURGOR RESOURCES INC.
SCUZZY LAKE AREA, MACASSA BLOCK
MAP #1 - I.P. Conductors and 1997 Trenching
Scale: 1:5 000
Date: 06/17/97
CLARK - EVELEIGH CONSULTING



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490