

2.17887

TECHNICAL AND LOGISTICAL REPORT

EASTMAIN RESOURCES INC.
RR #1
Orangeville Ontario

PROJECT: AKWESKWA GOLD PROJECT
Timmins, Ontario

SURVEY: Induced Polarization



42A04NW0073 2.17887 KENOGAMING

TECHNICAL AND LOGISTICAL REPORT

EASTMAIN RESOURCES INC.
RR #1
Orangeville Ontario

PROJECT: AKWESKWA GOLD PROJECT
Timmins, Ontario

SURVEY: Induced Polarization

TANDEM GEOPHYSICS INC.

TECHNICAL AND LOGISTICAL REPORT

PROJECT: Asweskwa Project,
Timmins, Ontario.

SURVEY: Induced Polarization

DATE: September 22 to October 18 1995

TRANSPORTATION: 1/ The crew and equipment were mobilized to
Timmins, Ontario with a truck.
2/ The grid was accessed daily by 40 minute drive
by truck from Timmins.

ACCOMMODATION: Motel in Timmins

CREW: Jack MacNeil Ron Mertens
Bedford, N.S. Belwood, Ontario.

Kevin MacKenzie Dave Gouthro
Sydney, N.S. Frenchvale, N.S.

Chris MacDonald
Sydney, N.S.

EQUIPMENT: 1/ Phoenix IP-V4 multi-channel I.P. receiver
2/ Phoenix IPT-1 I.P. transmitter
3/ 3.0 kva motor generator
4/ Electrodes used were both stainless steel rods
and aluminium foil.
5/ Communication was by 5 watt Motorola hand held
transceivers

SURVEY PARAMETERS:

INDUCED POLARIZATION:

- 1/ Dipole separation: 25 m.
- 2/ "n" = 1 to 6
- 3/ Number of kilometres surveyed: 27.375 km.
- 4/ Phase: 1.0 hz.

Report by


Ron Mertens

TANDEM GEOPHYSICS INC.

TECHNICAL AND LOGISTICAL REPORT

PROJECT: Asweskwa Project,
Timmins, Ontario.

SURVEY: Induced Polarization

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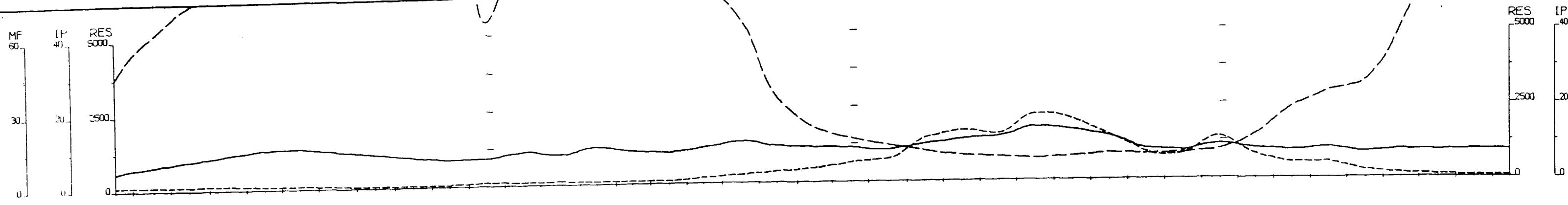
SURVEY PARAMETERS:

INDUCED POLARIZATION:

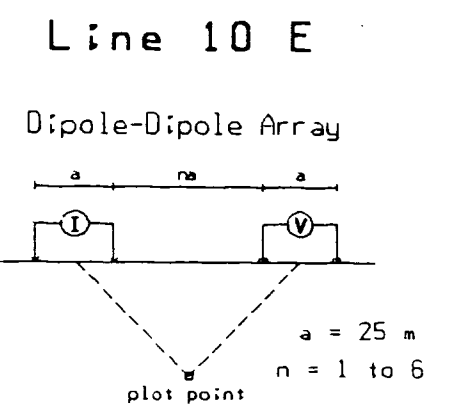
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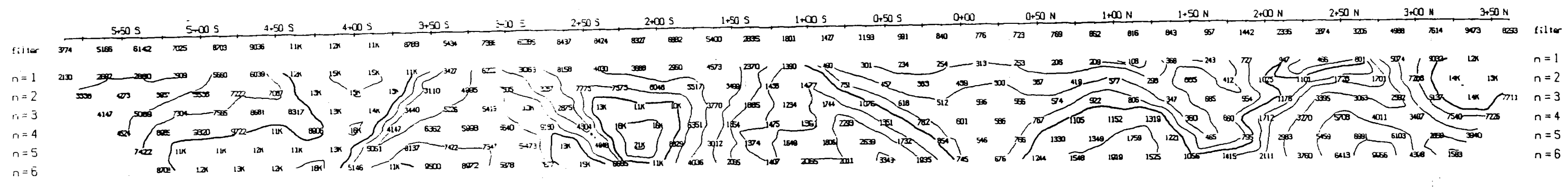
RES 5000
IP 40
MF 50
FILTERED PROFILES



TOPOGRAPHY

Filtered Profiles

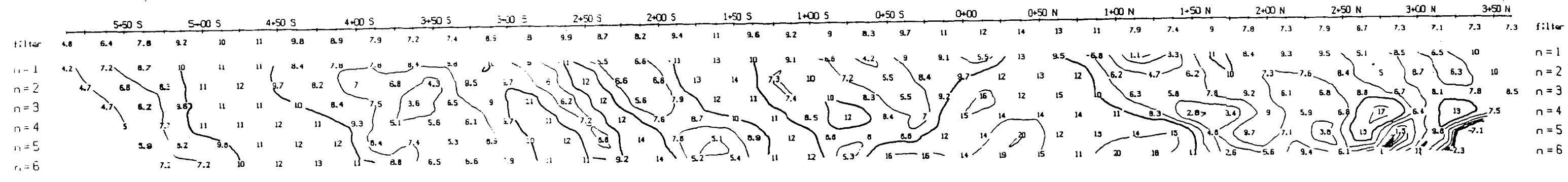
Resistivity ——— filter *
Polarization ——— **
Metal Factor - - - - - ***



RESISTIVITY (ohm_m)

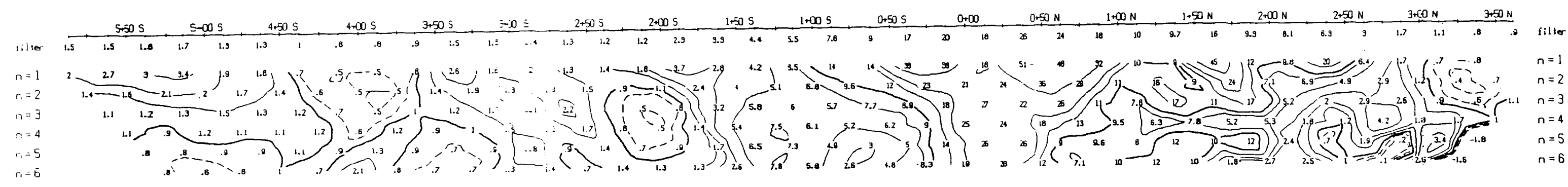
Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

Instruments: Phoenix Turbo IPV-4
Frequency: 1.0 hz
Operator:



Phase (millirads)

IP Anomaly
——— Definite
- - - - - Indefinite



METAL FACTOR (ip/res * 1000)

EASTMAIN RESOURCES INC.

INDUCED POLARIZATION SURVEY
AKWESKWA GRID,
Timmins, Ontario.

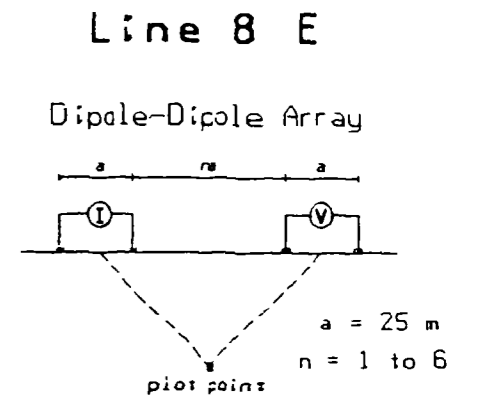
Date: Sept \ 1995

Scale: 1 : 2500

TANDEM GEOPHYSICS INC.

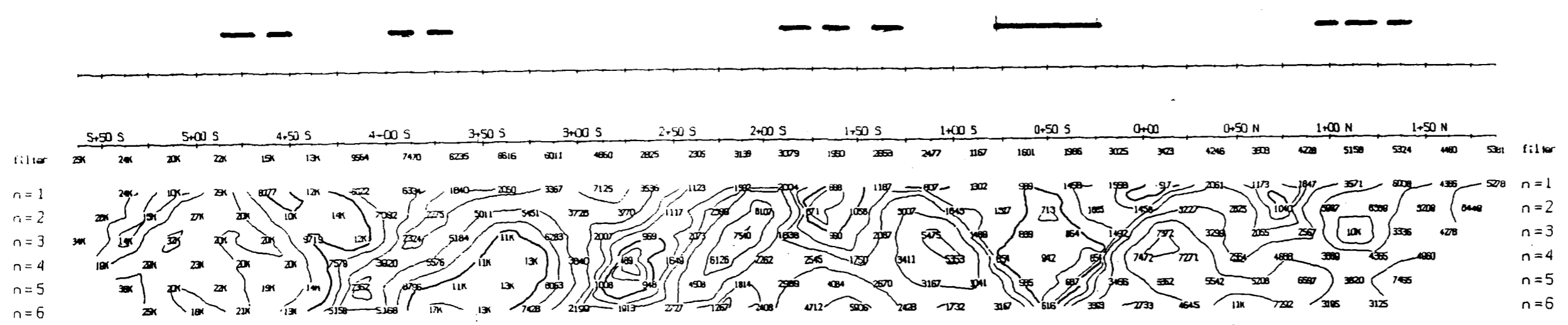


FILTERED PROFILES



TOPOGRAPHY

Filtered Profiles



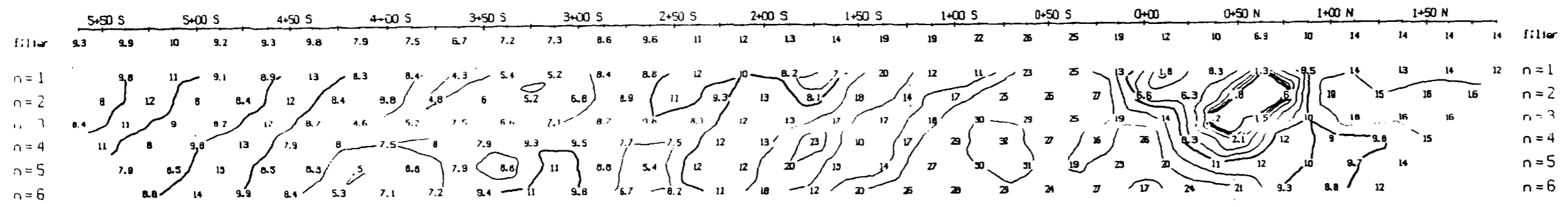
RESISTIVITY
(ohm_m)

filter

Resistivity ——— *
Polarization ——— **
Metal Factor ——— ***

Logarithmic
Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

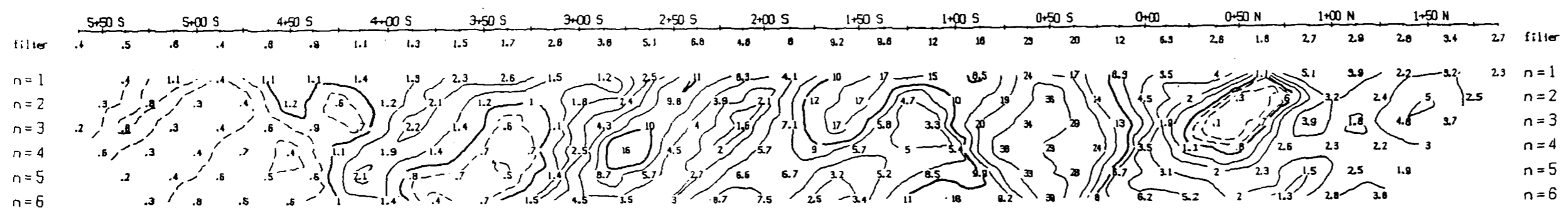
Instruments: Phoenix Turbo IPV-4
Frequency: 1.0 hz
Operator:



Phase
(millirads)

IP Anomalies

————— Definite
- - - - - Indefinite.



INTERPRETATION

METAL FACTOR
(ip/res * 1000)

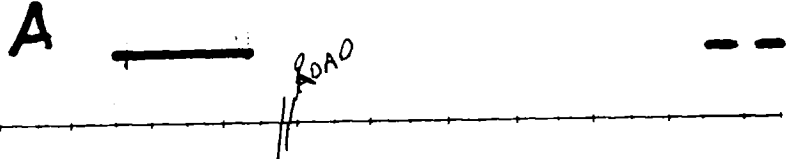
EASTMAIN RESOURCES INC.

INDUCED POLARIZATION SURVEY
AKWESKWA GRID,
Timmins, Ontario.

Date: Sept \ 1995

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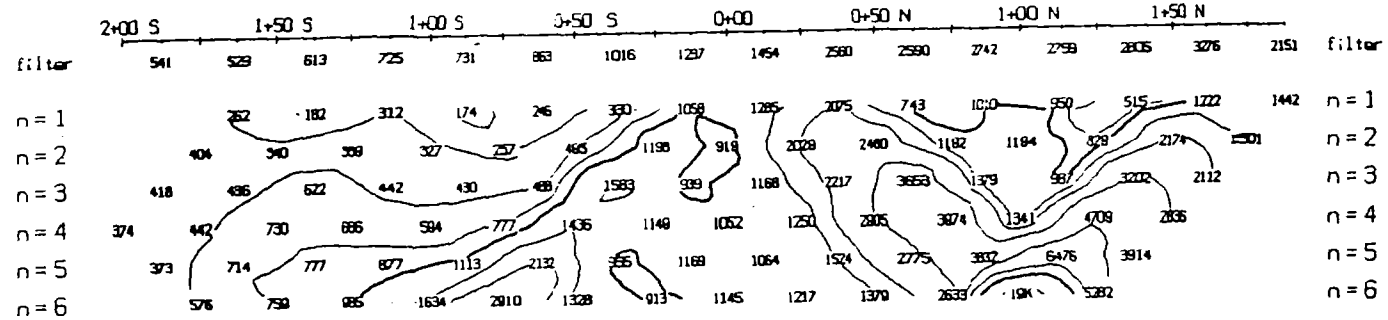
TANDEM GEOPHYSICS INC.



TOPOGRAPHY

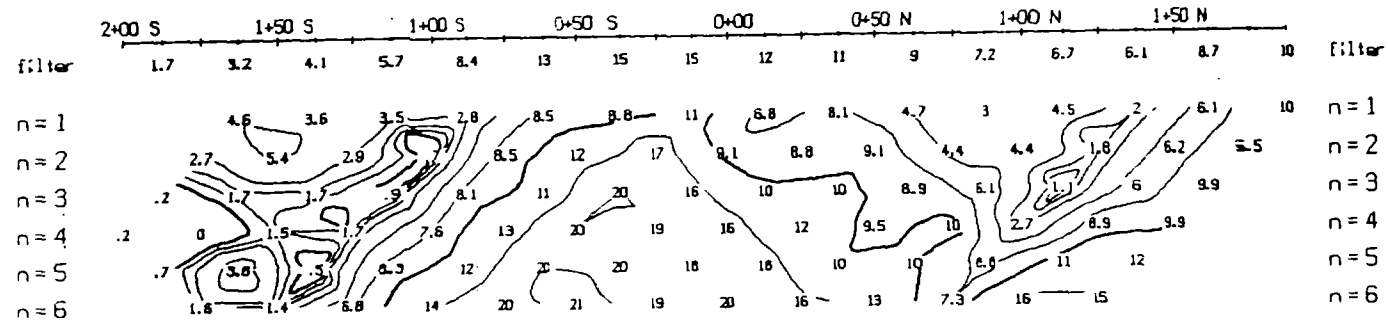
RESISTIVITY

(ohm_m)



Phase

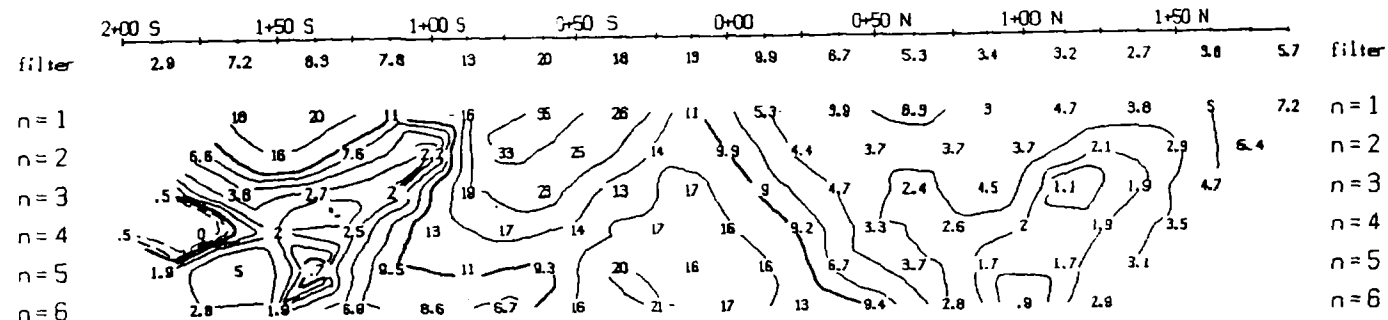
(millirads)



INTERPRETATION

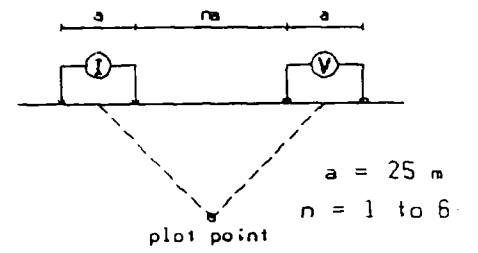
METAL FACTOR

(ip/res * 1000)



Line 2 E

Dipole-Dipole Array



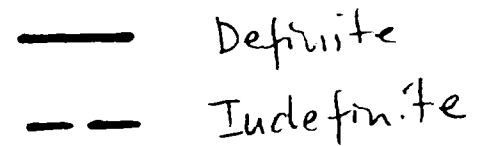
Filtered Profiles

Resistivity	-----	filter *
Polarization	=====	**
Metal Factor	-----	***

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

Instruments: Phoenix Turbo IPV-4
 Frequency: 1.0 hz
 Operator:

IP Anomalies



EASTMAIN RESOURCES INC.

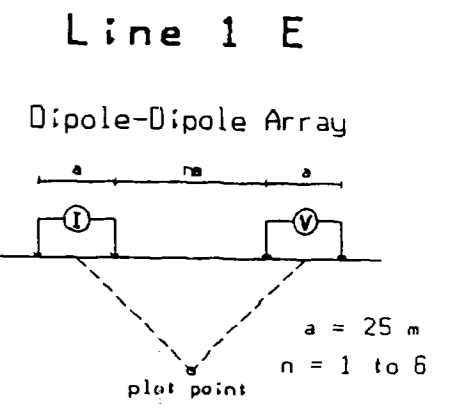
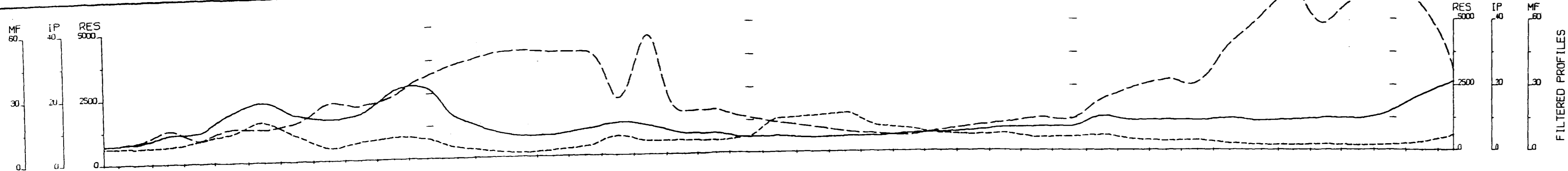
INDUCED POLARIZATION SURVEY

AKWESKWA GRID,
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TANDEM GEOPHYSICS INC.



TOPOGRAPHY

Filtered Profiles

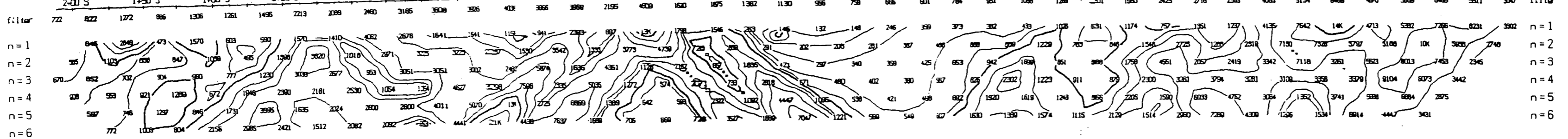
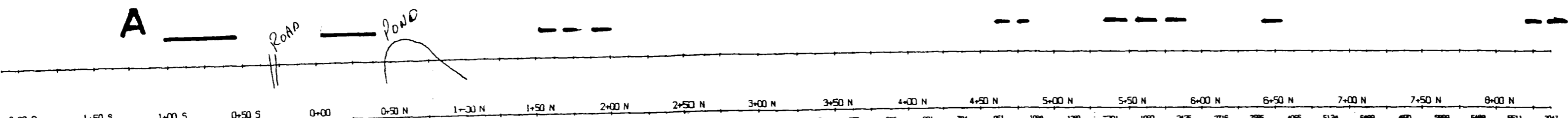
Resistivity ——— filter *
Polarization ——— **
Metal Factor - - - - - ***

RESISTIVITY

(ohm_m)

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

Instruments: Phoenix Turbo IPV-4
Frequency: 1.0 hz
Operator:

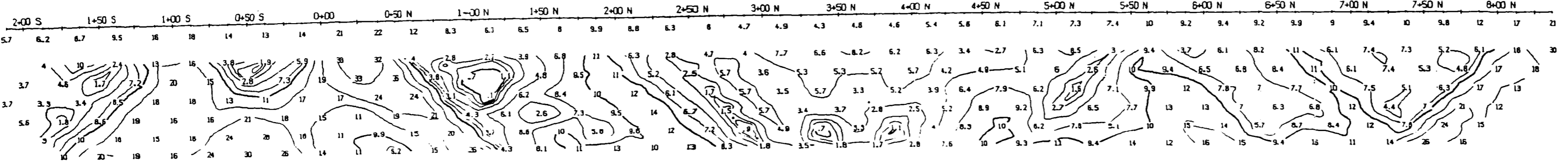


Phase

(millirads)

IP Anomalies

— Definite
- - Indefinite



INTERPRETATION

METAL FACTOR

(ip/res * 1000)

EASTMAIN RESOURCES INC.

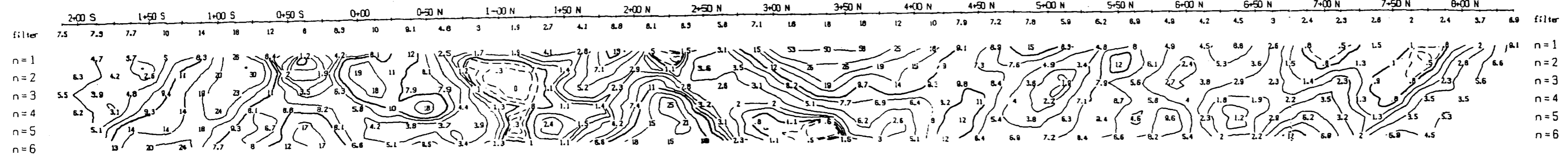
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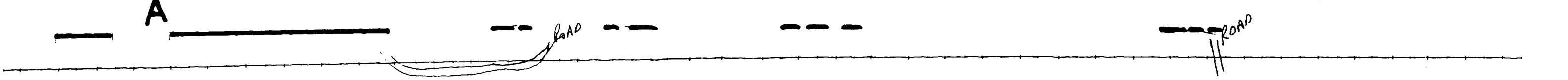
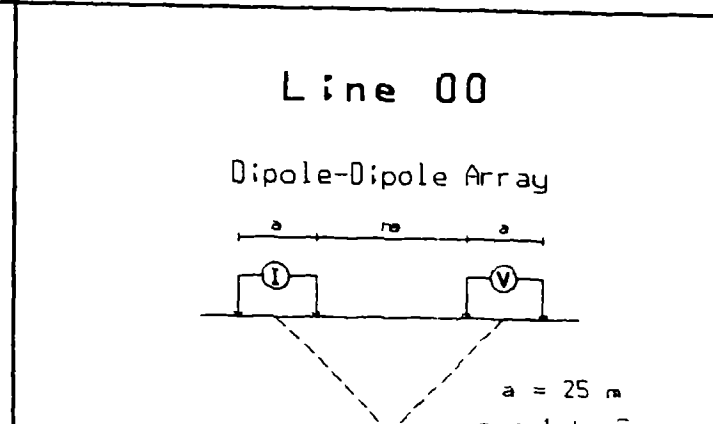
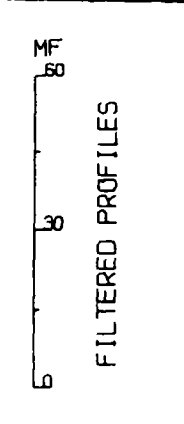
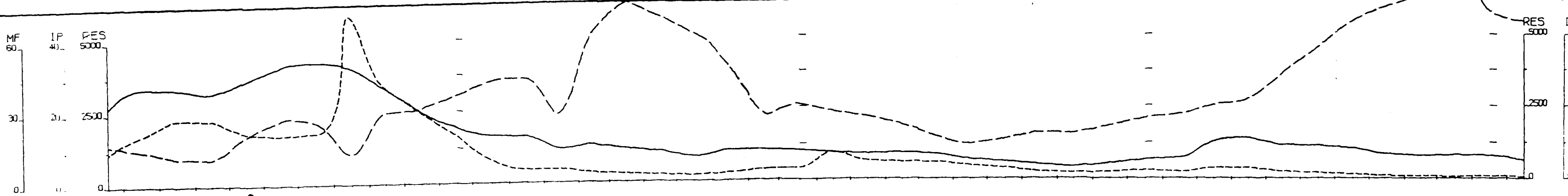
AKWESKWA GRID,
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TANDEM GEOPHYSICS INC.

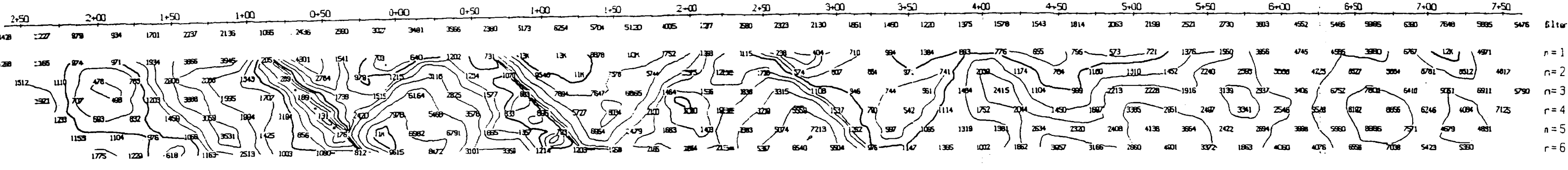




TOPOGRAPHY

Filtered Profiles

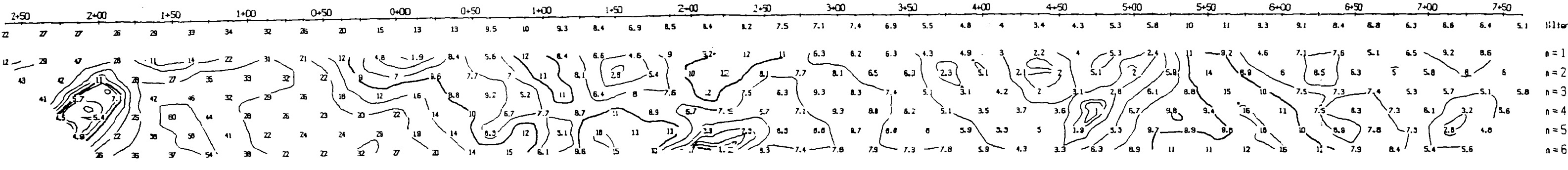
Resistivity filter
Polarization *
Metal Factor * * *



RESISTIVITY
(ohm_m)

Logarithmic
Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

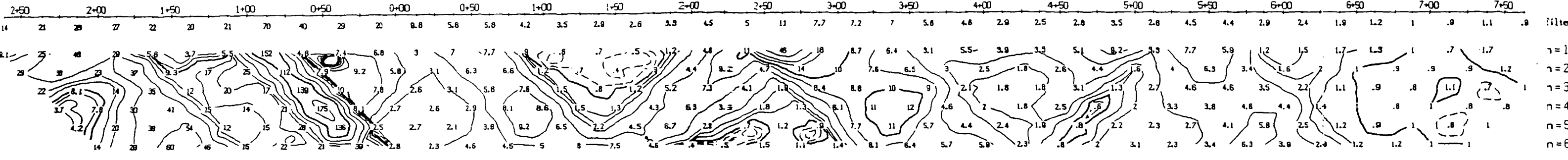
Instruments: Phoenix Turbo IPV-4
Frequency: 1.0 hz
Operator:



Phase
(millirads)

IP Anomalies

Definite
 Indefinite



METAL FACTOR
(ip/res * 1000)

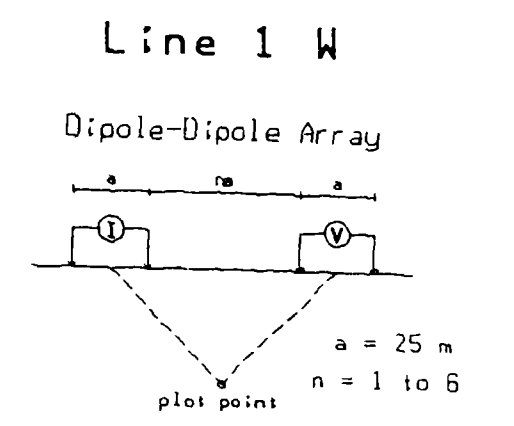
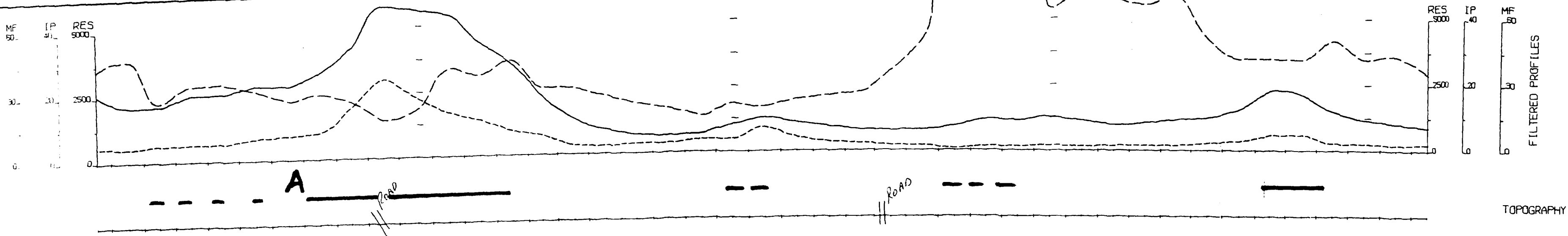
EASTMAIN RESOURCES INC.

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AKWESKWA GRID,
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Filtered Profiles

Resistivity filter
Polarization *
Metal Factor **

RESISTIVITY

Logarithmic
Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

Instruments: Phoenix Turbo IPV-4
Frequency: 1.0 Hz
Operator:

(ohm_m)

Phase

IP Anomalies

Definite
 Indefinite

INTERPRETATION

EASTMAIN RESOURCES INC.

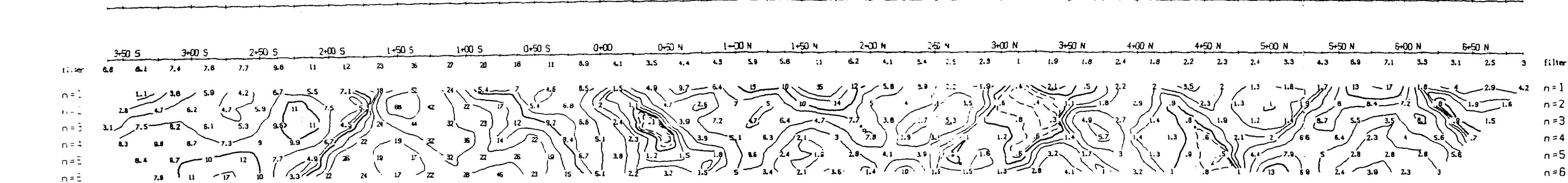
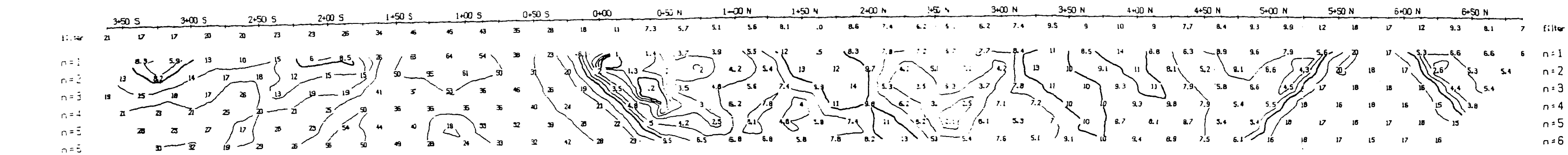
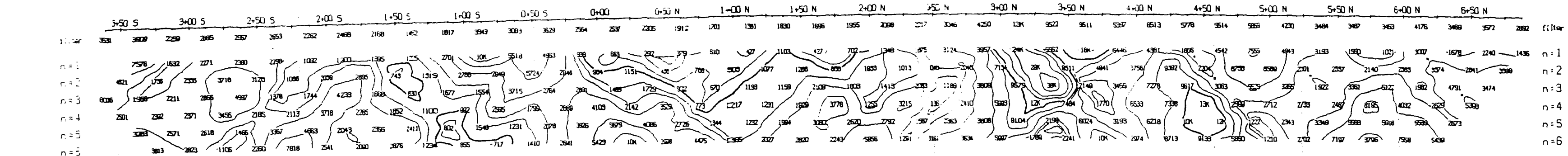
INDUCED POLARIZATION SURVEY

AKWESKWA GRID,
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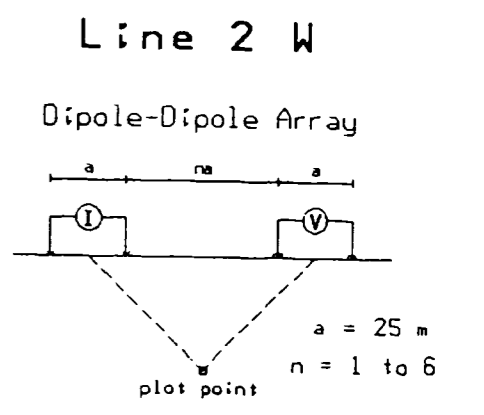
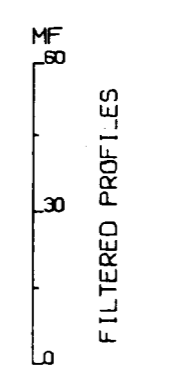
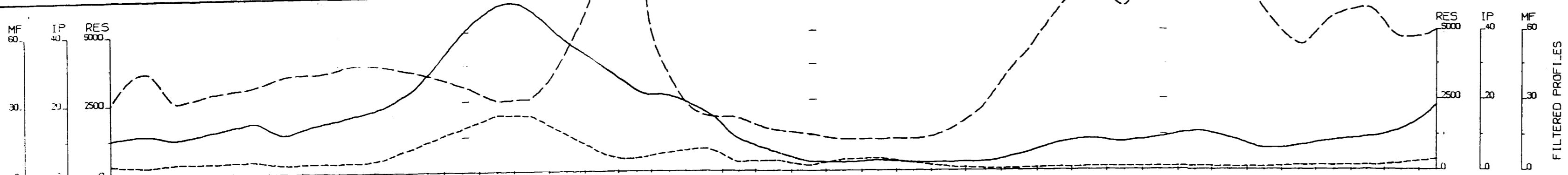
Scale: 1 : 2500

TANDEM GEOPHYSICS INC.



METAL FACTOR

(ip/res * 1000)



TOPOGRAPHY

Filtered Profiles

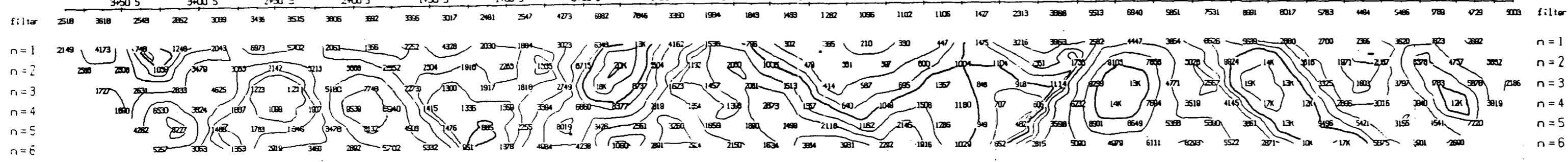
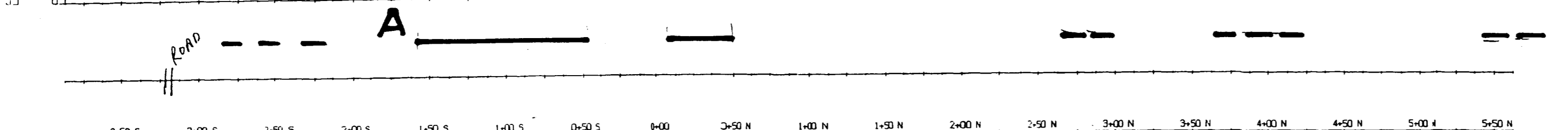
Resistivity ——— filter *
Polarization ——— **
Metal Factor - - - - - ***

RESISTIVITY

(ohm_m)

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

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Frequency: 1.0 hz
Operator:

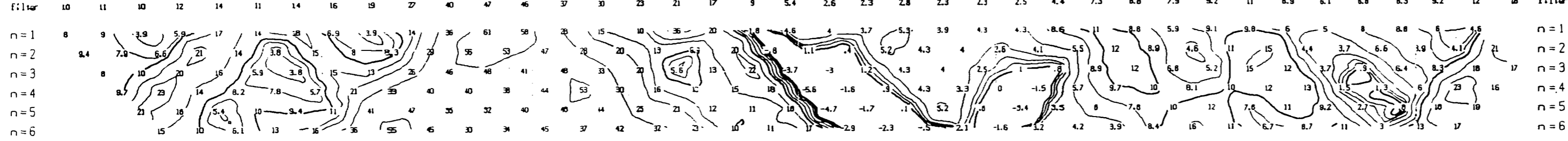
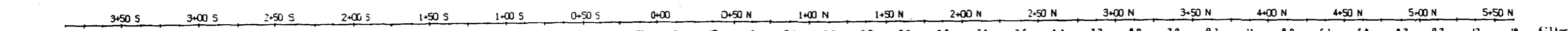


Phase

(millirads)

IP Anomalies

— Definite
- - Indefinite



INTERPRETATION

METAL FACTOR

(ip/res * 1000)

EASTMAIN RESOURCES INC.

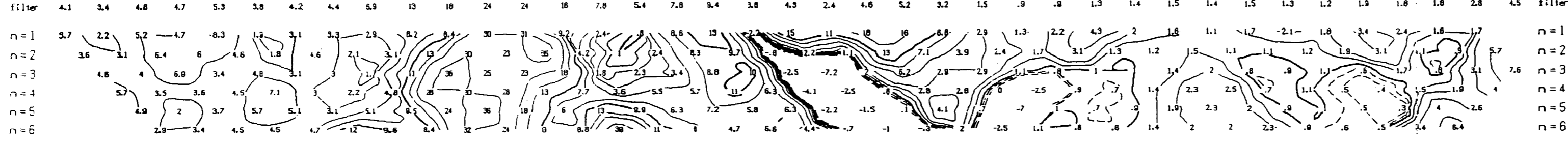
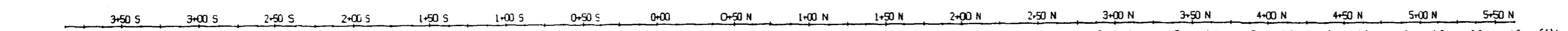
INDUCED POLARIZATION SURVEY

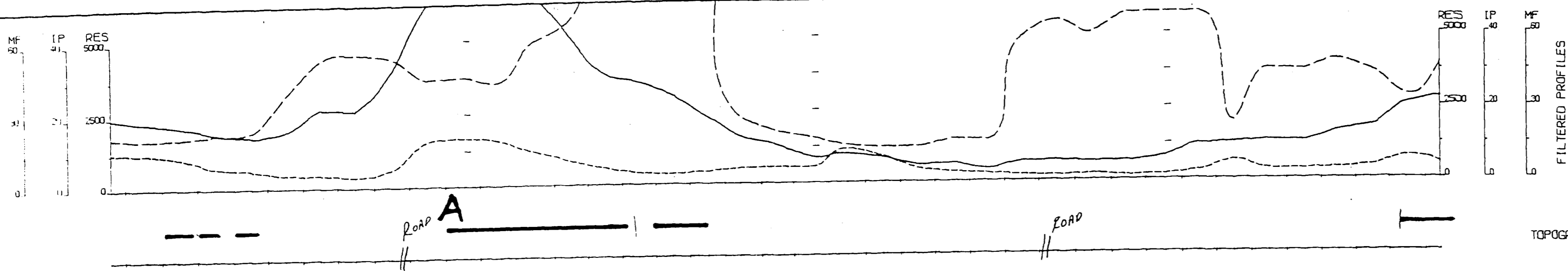
AKWESKWA GRID,
Timmins, Ontario.

Date: Sept \ 1995

Scale: 1 : 2500

TANDEM GEOPHYSICS INC.





TOPOGRAPHY

RESISTIVITY

Phase

INTERPRETATION

Filtered Profiles

Resistivity	-----	filter *
Polarization	=====	**
Metal Factor	-----	***

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

Instruments: Phoenix Turbo IPV-4
Frequency: 1.0 hz
Operator:

IP Anomalies

— Definite

- - - Indefinite

EASTMAIN RESOURCES INC.

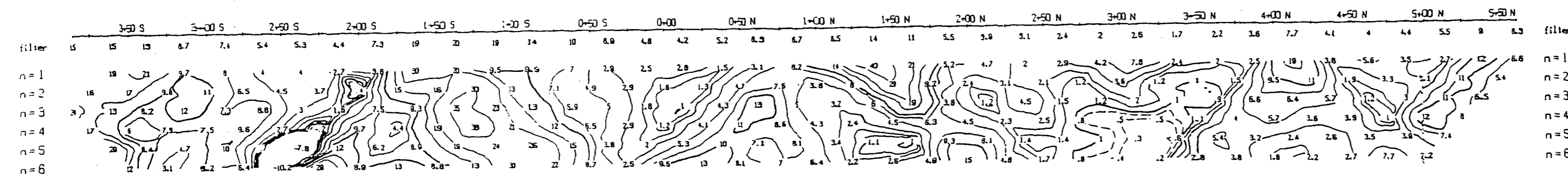
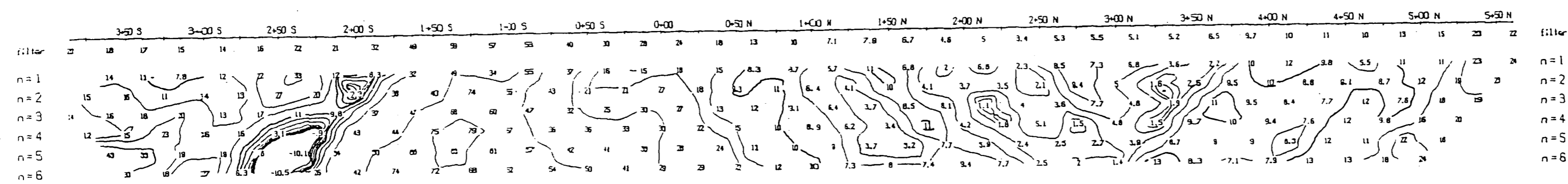
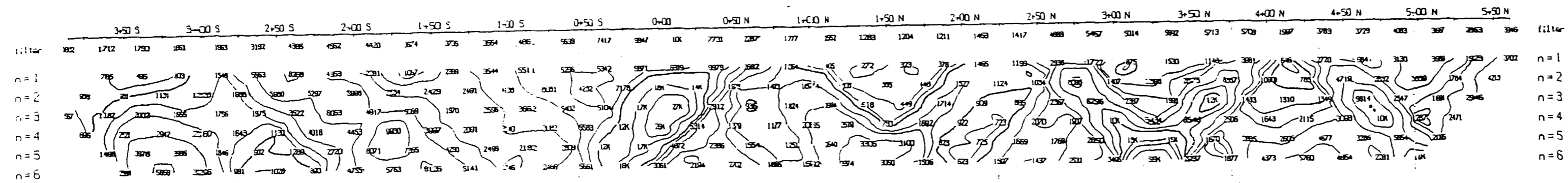
INDUCED POLARIZATION SURVEY

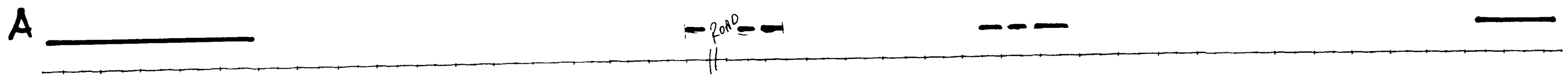
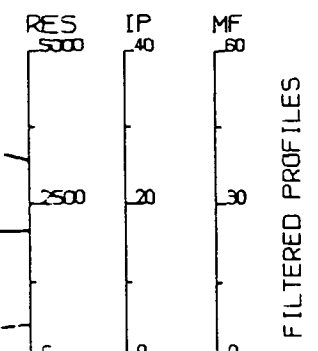
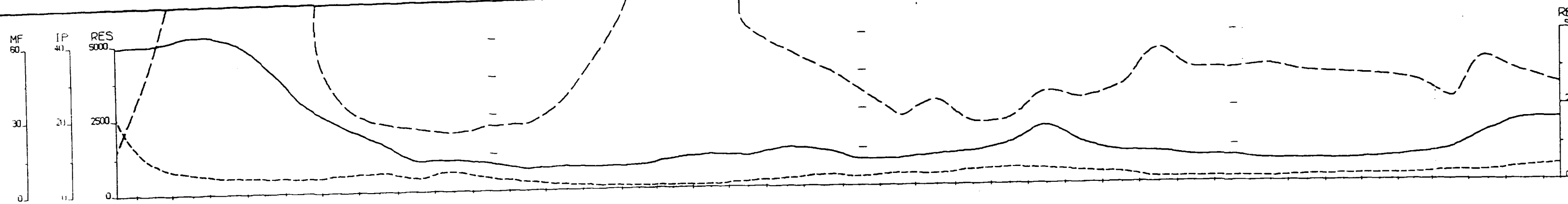
AKWESKWA GRID,
Timmins, Ontario.

Date: Sept \ 1995

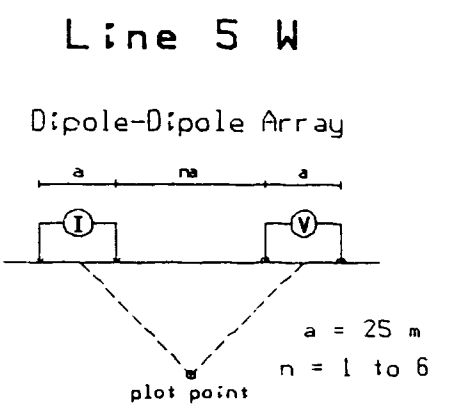
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TANDEM GEOPHYSICS INC.





TOPOGRAPHY

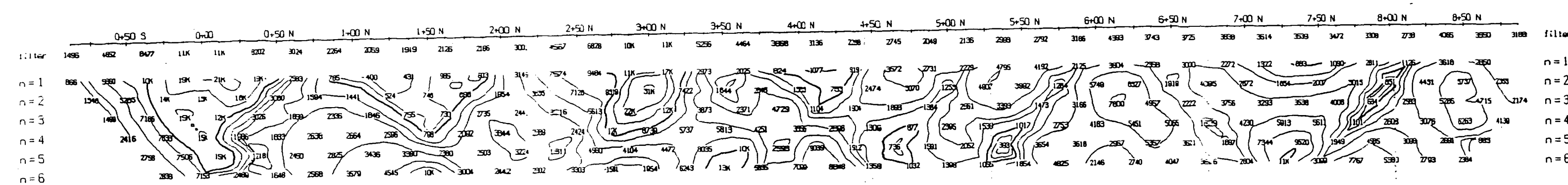


Filtered Profiles

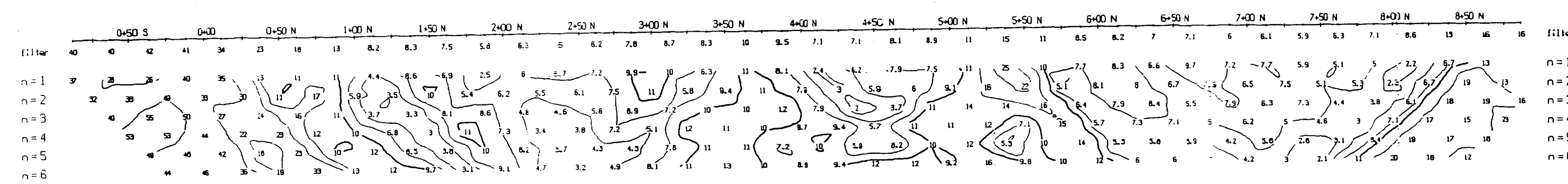
Resistivity	-----	filter	*
Polarization	=====	filter	**
Metal Factor	-----	filter	***
		filter	****

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

Instruments: Phoenix Turbo IPV-4
Frequency: 1.0 hz
Operator:



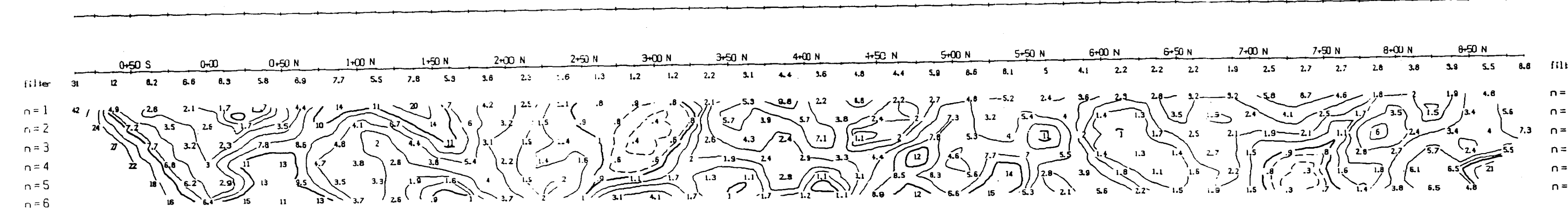
RESISTIVITY
(ohm-m)



Phase
(millirads)

IP Anomalies

— Definite
- - Indefinite



INTERPRETATION

METAL FACTOR
(ip/res * 1000)

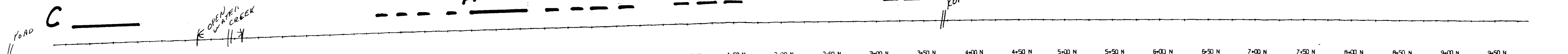
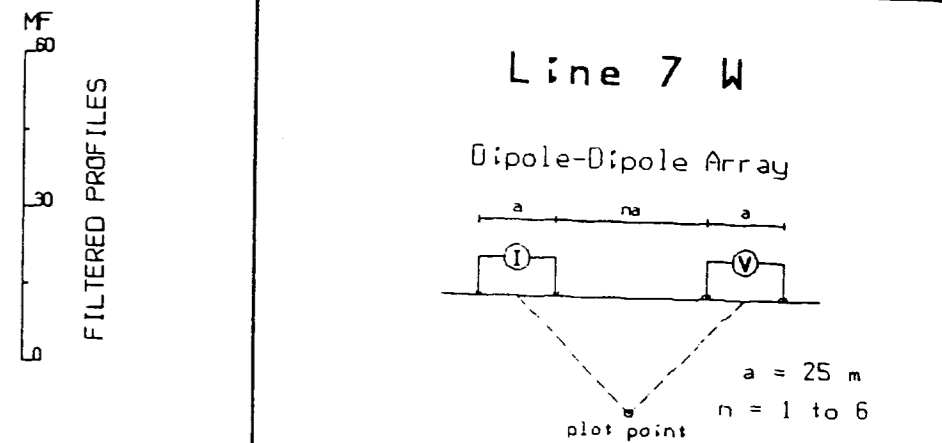
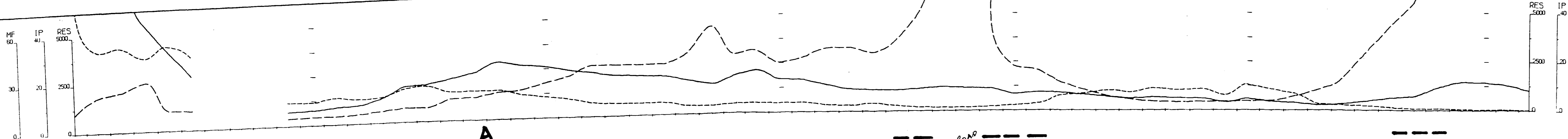
EASTMAIN RESOURCES INC.

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AKWESKWA GRID,
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TANDEM GEOPHYSICS INC.



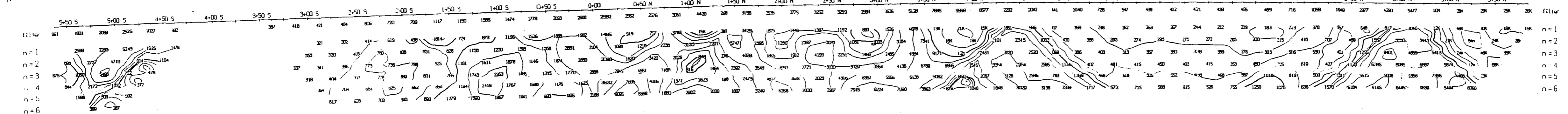
Line 7 W
 Dipole-Dipole Array
 $a = 25 \text{ m}$
 $n = 1 \text{ to } 6$
 plot point

Filtered Profiles

Resistivity: ——— filter
 Polarization: ——— *
 Metal Factor: - - - - - **

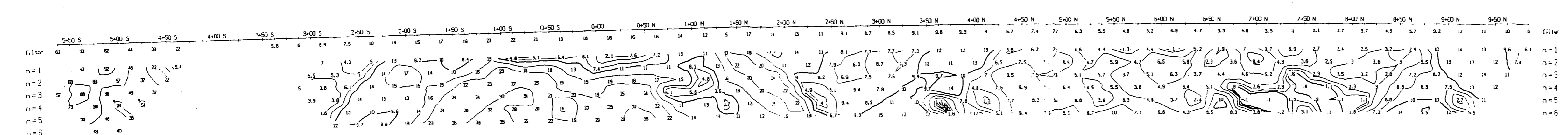
Logarithmic Contours: 1, 1.5, 2, 3, 5, 7.5, 10, ...

Instruments: Phoenix Turbo IPV-4
 Frequency: 1.0 Hz
 Operator:



IP Anomalies

— Definite
 - - Indefinite



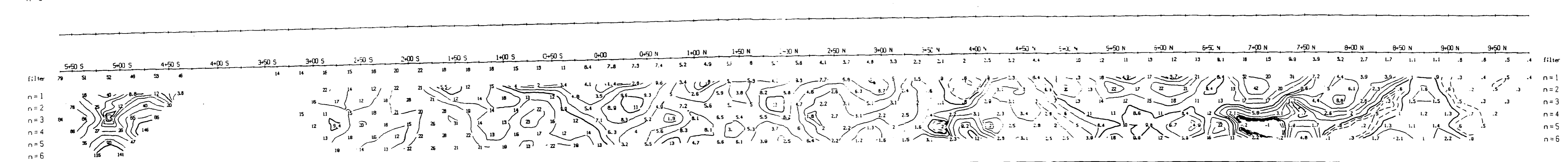
INTERPRETATION

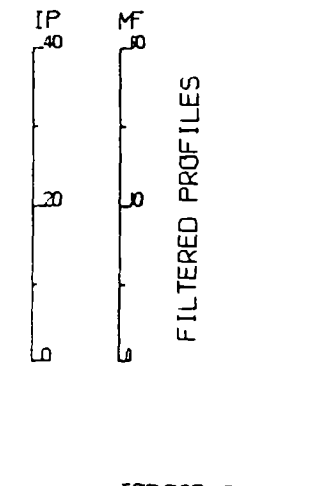
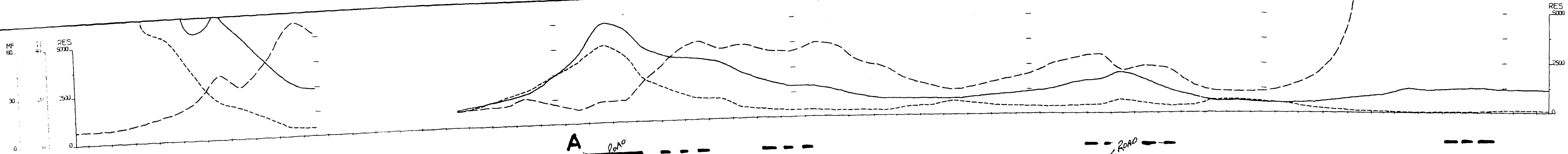
METAL FACTOR (ip/res * 1000)

EASTMAIN RESOURCES INC.
INDUCED POLARIZATION SURVEY
AKWESKWA GRID,
Timmins, Ontario.

Date: Sept \ 1995
 Scale: 1 : 2500

TANDEM GEOPHYSICS INC.





FILTERED PROFILES

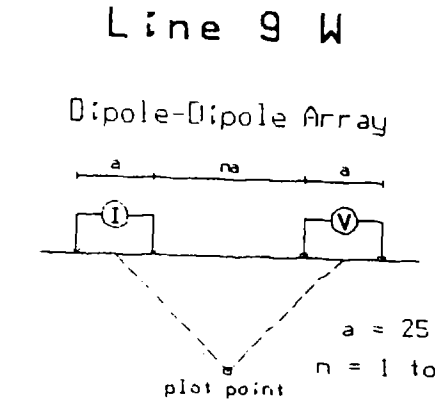
TOPOGRAPHY

RESISTIVITY

Phase

INTERPRETATION

METAL FACTOR



Filtered Profiles

Resistivity	---	filter
Polarization	---	*
Metal Factor	---	***

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

Instruments: Phoenix Turbo [PV-4]
Frequency: 1.0 hz
Operator:

IP Anomalies

— Definite
- - - Indefinite

EASTMAIN RESOURCES INC.

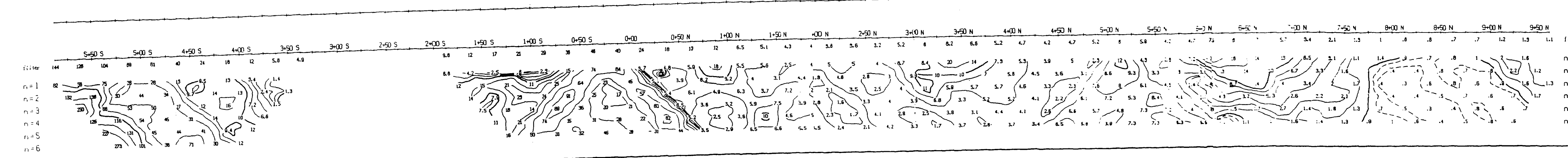
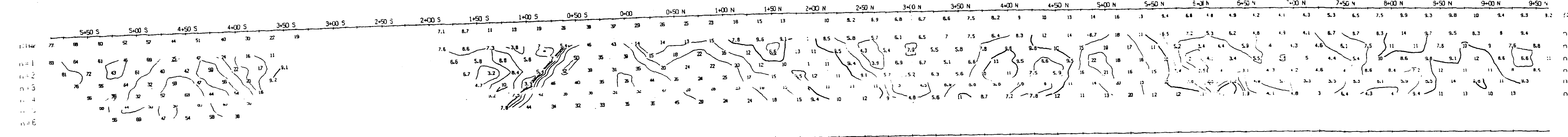
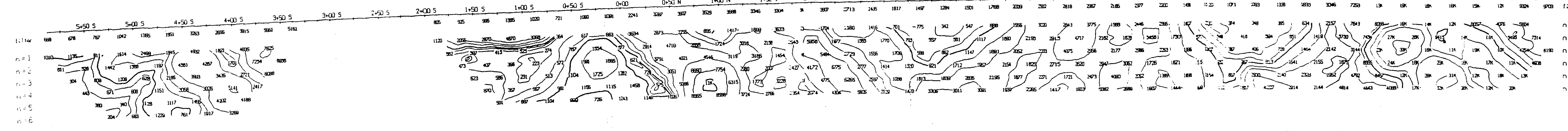
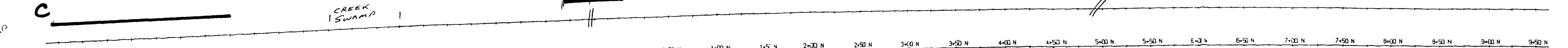
INDUCED POLARIZATION SURVEY

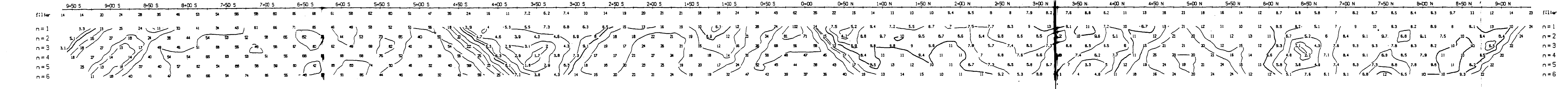
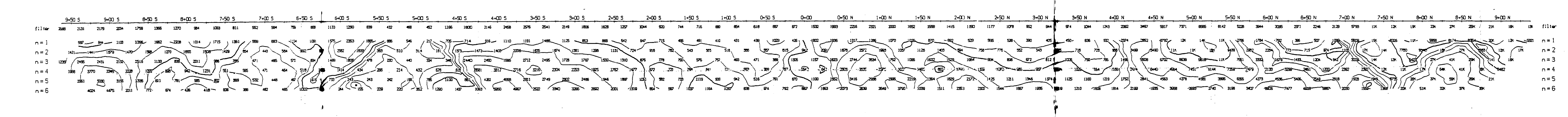
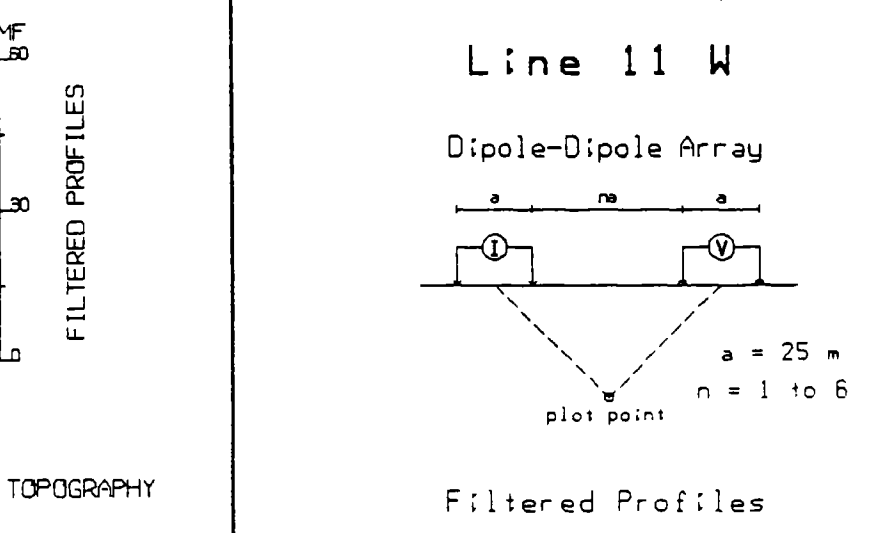
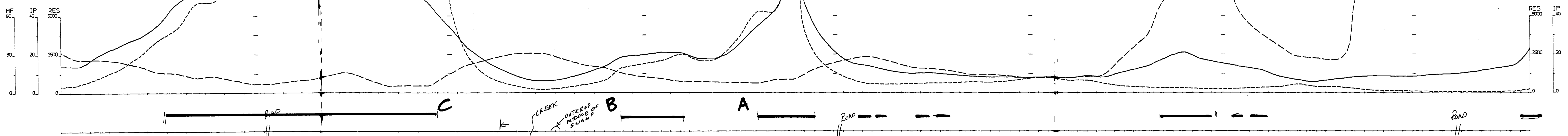
AKWESKWA GRID,
Timmins, Ontario.

Date: Sept \ 1995

Scale: 1 : 2500

TANDEM GEOPHYSICS INC.



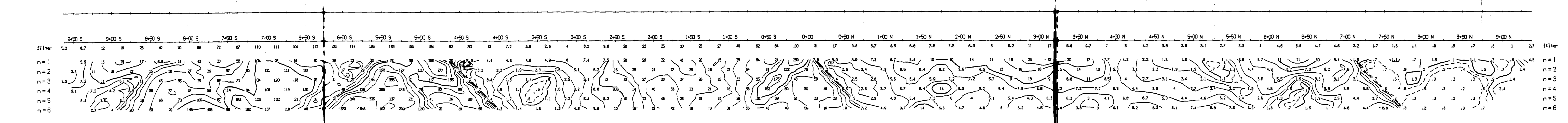


Filtered Profiles

IP Anomalies

— Definite

- - Indefinite



INTERPRETATION

EASTMAIN RESOURCES INC.

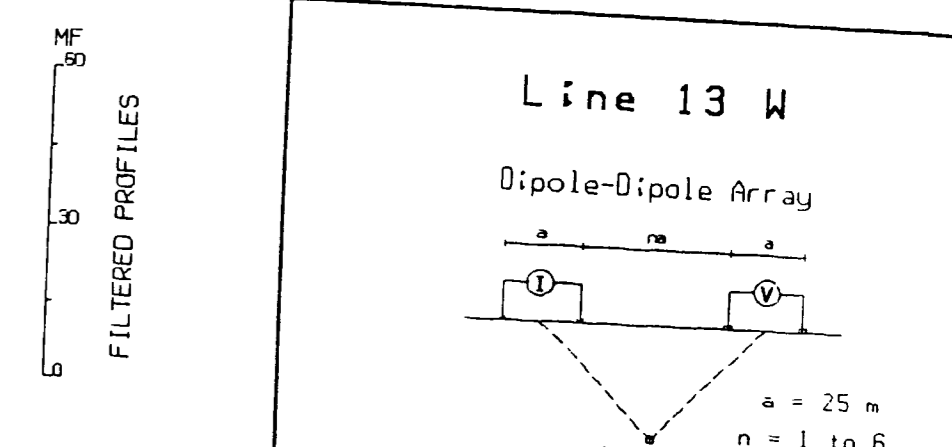
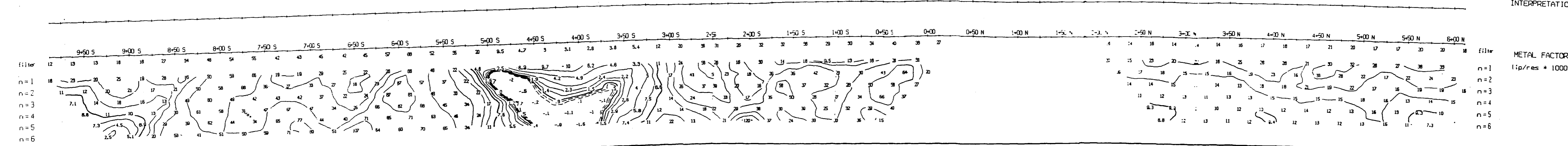
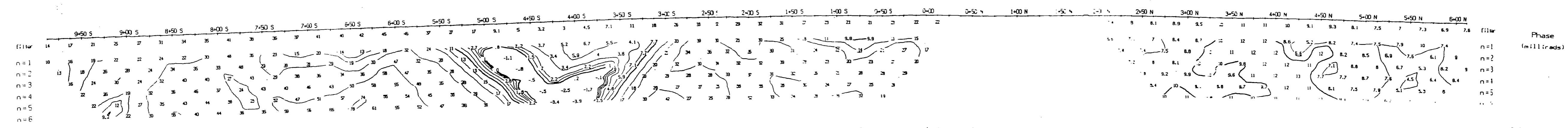
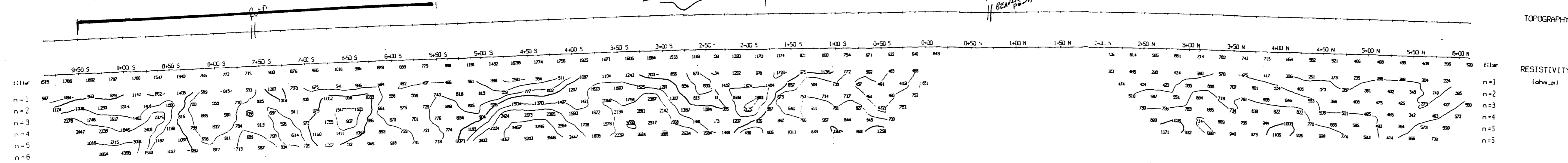
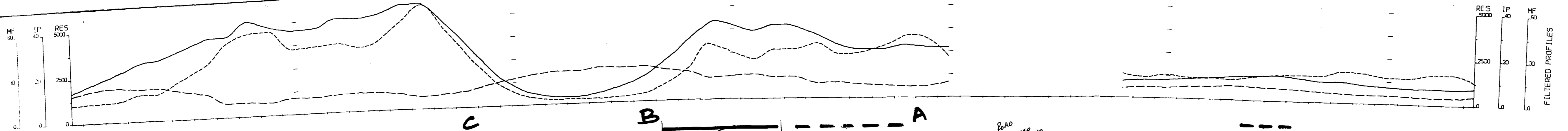
INDUCED POLARIZATION SURVEY

AKWESKWA GRID,
Timmins, Ontario.

Date: Sept \ 1995

Scale: 1 : 2500

TANDEM GEOPHYSICS INC.



Line 13 W
 Dipole-Dipole Array
 $a = 25 \text{ m}$
 $n = 1 \text{ to } 6$
 plot point

Filtered Profiles

Resistivity ——— filter
 Polarization ——— *
 Metal Factor ——— * * *

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

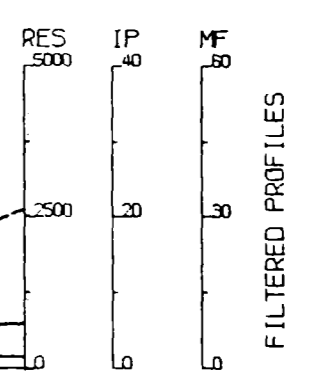
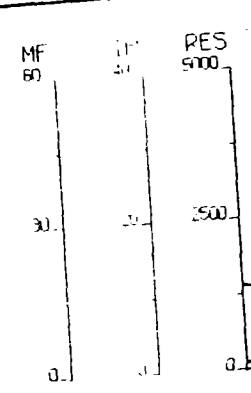
Instruments: Phoenix Turbo IPV-4
 Frequency: 1.0 Hz
 Operator:

IP Anomalies
 ——— Definite
 - - - Indefinite

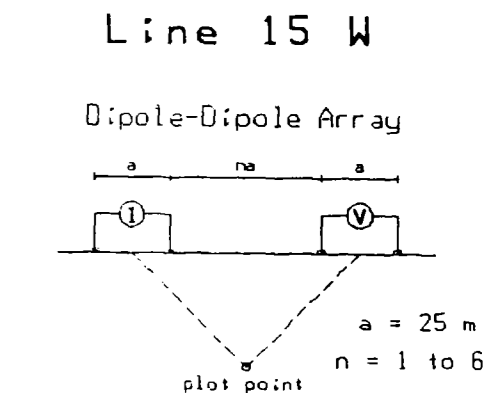
EASTMAIN RESOURCES INC.
 INDUCED POLARIZATION SURVEY
 AKWESKWA GRID,
 Timmins, Ontario.

Date: Sept \ 1995
 Scale: 1 : 2500

TANDEM GEOPHYSICS INC.



TOPOGRAPHY



Filtered Profiles

Resistivity --- filter *
 Polarization --- **
 Metal Factor --- ***

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

Instruments: Phoenix Turbo [PV-4]
 Frequency: 1.0 hz
 Operator:

IP Anomalies

Definite
 Indefinite

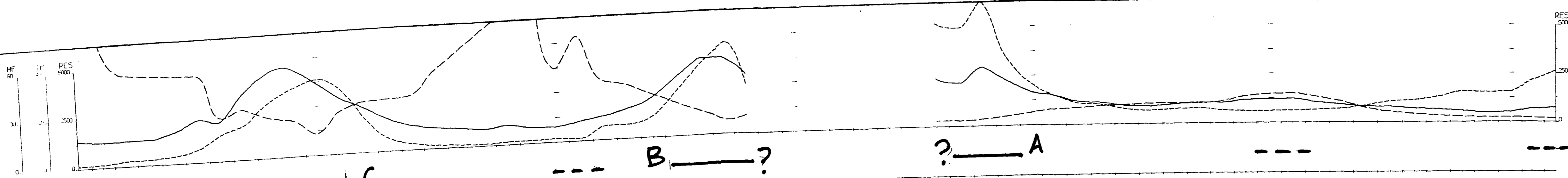
EASTMAIN RESOURCES INC.

INDUCED POLARIZATION SURVEY
 AKWESKWA GRID,
 Timmins, Ontario.

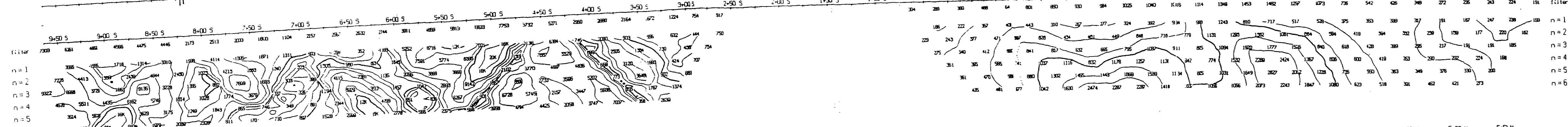
Date: Sept \ 1995

Scale: 1 : 2500

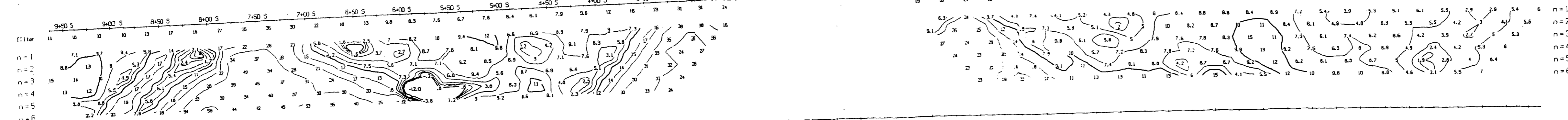
TANDEM GEOPHYSICS INC.



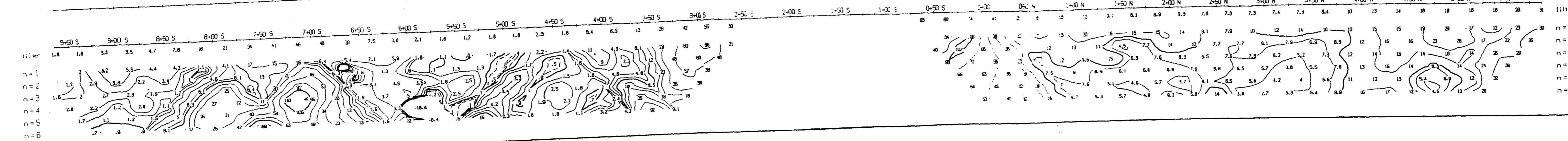
9+50 S 9+00 S 8+50 S 8+00 S 7+50 S 7+00 S 6+50 S 6+00 S 5+50 S 5+00 S 4+50 S 4+00 S 3+50 S 3+00 S 2+50 S 2+00 S 1+50 S 1+00 S 0+50 S 0+00 0+50 N 1+00 N 1+50 N 2+00 N 2+50 N 3+00 N 3+50 N 4+00 N 4+50 N 5+00 N 5+50 N

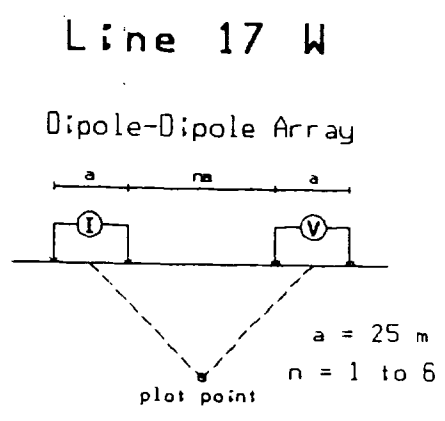
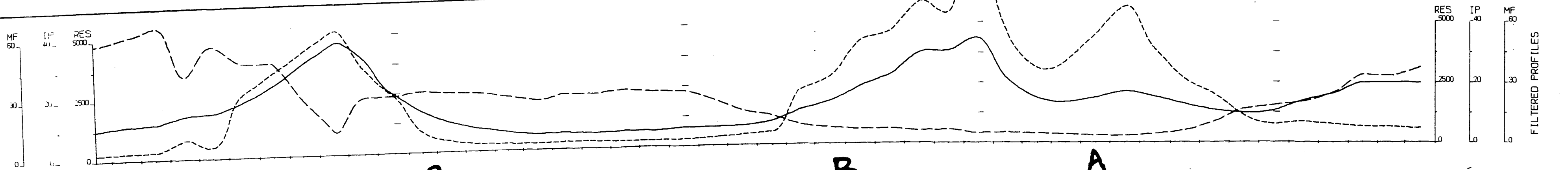


9+50 S 9+00 S 8+50 S 8+00 S 7+50 S 7+00 S 6+50 S 6+00 S 5+50 S 5+00 S 4+50 S 4+00 S 3+50 S 3+00 S 2+50 S 2+00 S 1+50 S 1+00 S 0+50 S 0+00 0+50 N 1+00 N 1+50 N 2+00 N 2+50 N 3+00 N 3+50 N 4+00 N 4+50 N 5+00 N 5+50 N



9+50 S 9+00 S 8+50 S 8+00 S 7+50 S 7+00 S 6+50 S 6+00 S 5+50 S 5+00 S 4+50 S 4+00 S 3+50 S 3+00 S 2+50 S 2+00 S 1+50 S 1+00 S 0+50 S 0+00 0+50 N 1+00 N 1+50 N 2+00 N 2+50 N 3+00 N 3+50 N 4+00 N 4+50 N 5+00 N 5+50 N





TOPOGRAPHY

RESISTIVITY

Phase

INTERPRETATION

METAL FACTOR

Filtered Profiles

Resistivity ——— filter *
Polarization ——— **
Metal Factor - - - - - ***

Logarithmic
Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

Instruments: Phoenix Turbo IPV-4
Frequency: 1.0 Hz
Operator:

IP Anomalies

— Definite
- Indefinite

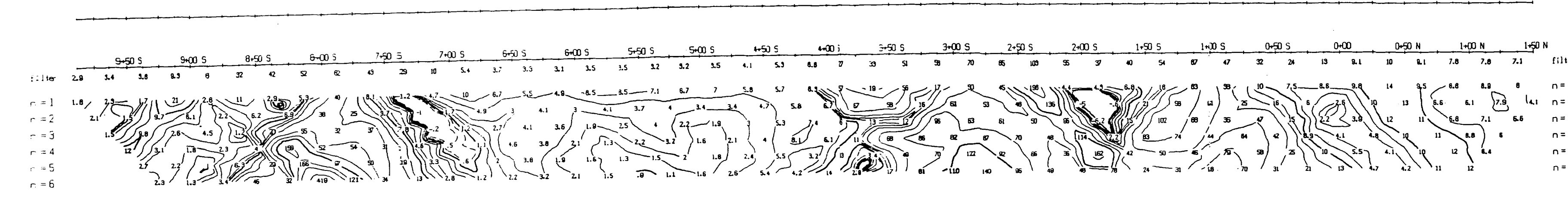
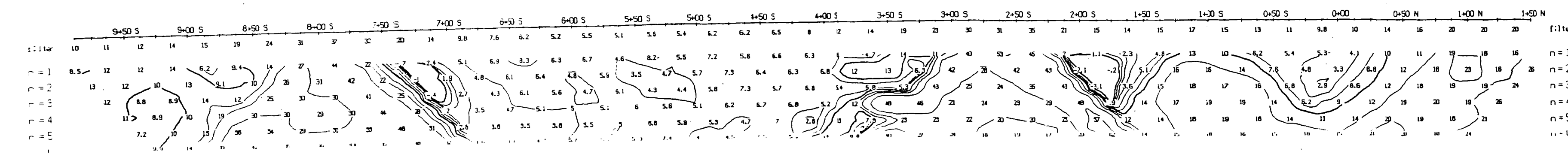
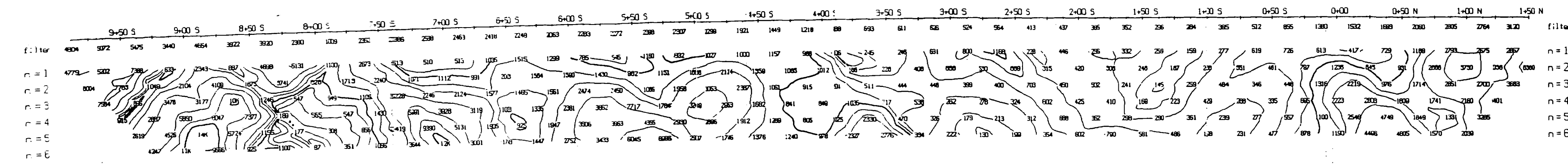
EASTMAIN RESOURCES INC.

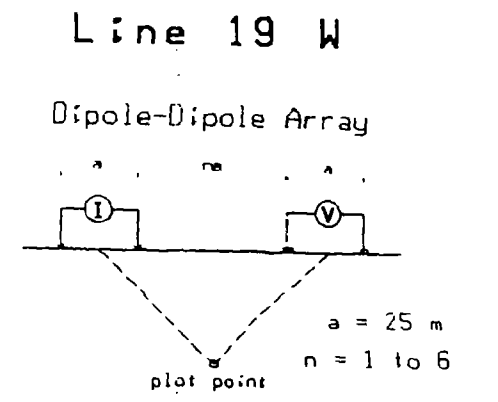
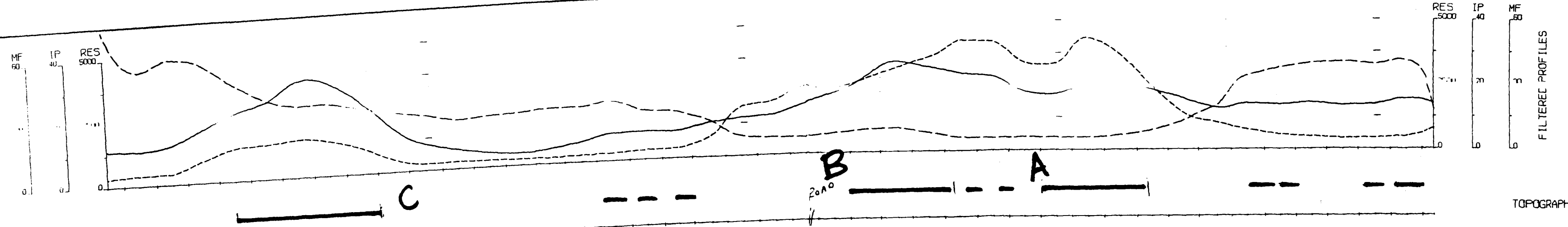
INDUCED POLARIZATION SURVEY
AKWESKWA GRID,
Timmins, Ontario.

Date: Sept \ 1995

Scale: 1 : 2500

TANDEM GEOPHYSICS INC.





TOPOGRAPHY

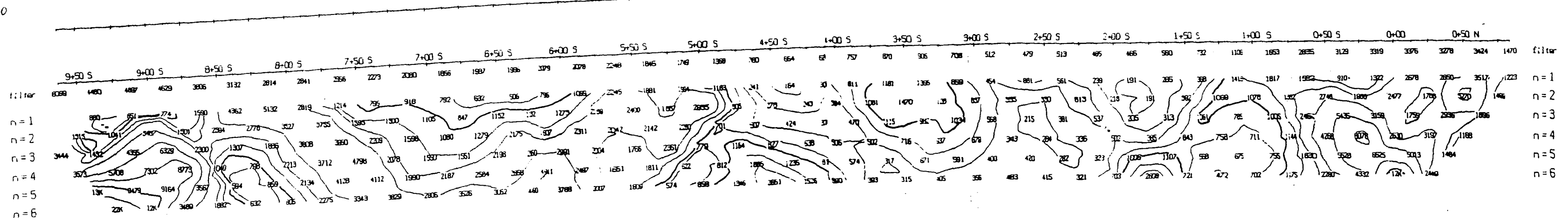
Filtered Profiles

Resistivity	-----	filter
Polarization	-----	**
Metal Factor	-----	***

RESISTIVITY

Logarithmic
Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

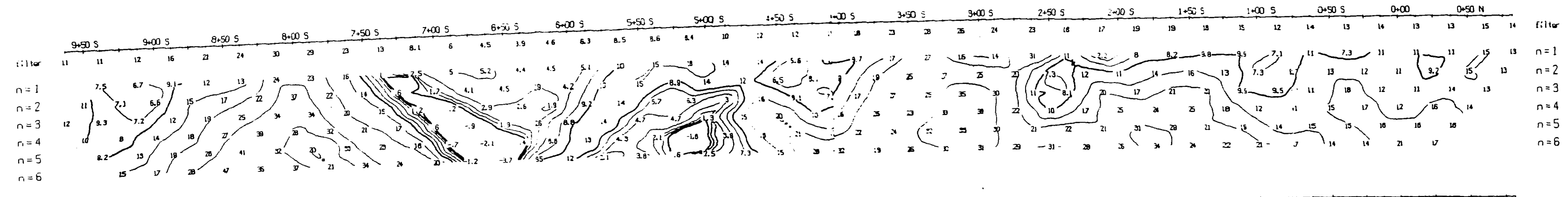
Instruments: Phoenix Turbo IPV-4
Frequency: 1.0 hz
Operator:



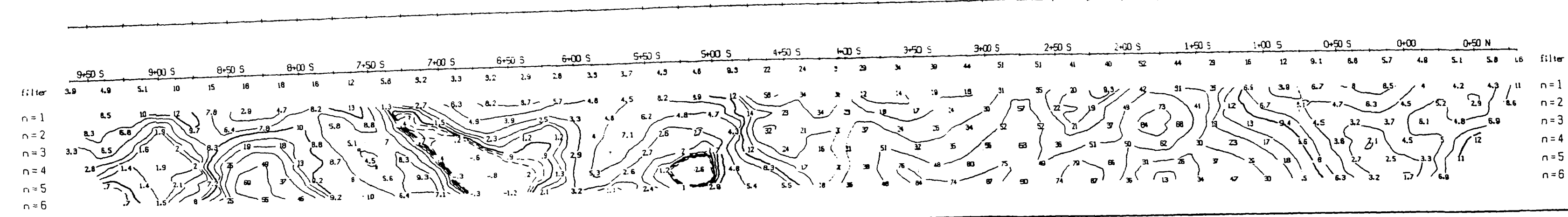
Phase

IP Anomalies

— Definite
- - Indefinite



INTERPRETATION



EASTMAIN RESOURCES INC.

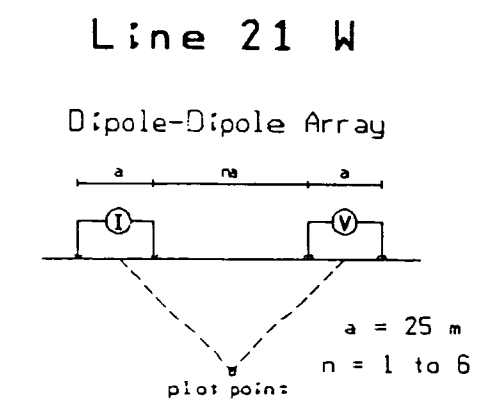
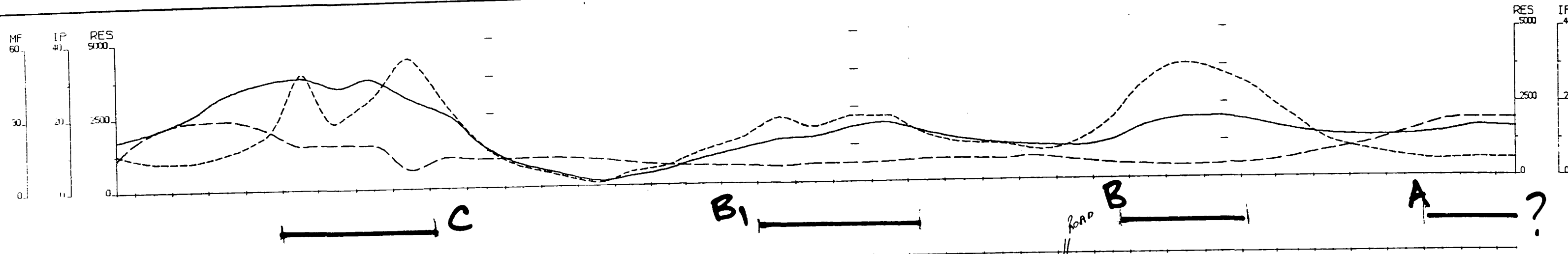
INDUCED POLARIZATION SURVEY

AKWESKWA GRID,
Timmins, Ontario.

Date: Sept \ 1995

Scale: 1 : 2500

TANDEM GEOPHYSICS INC.

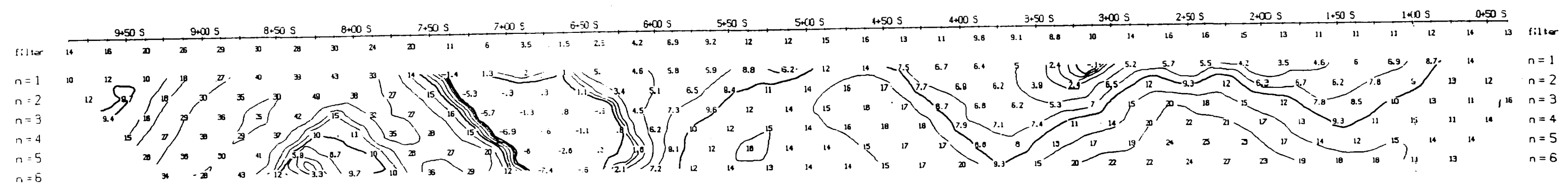
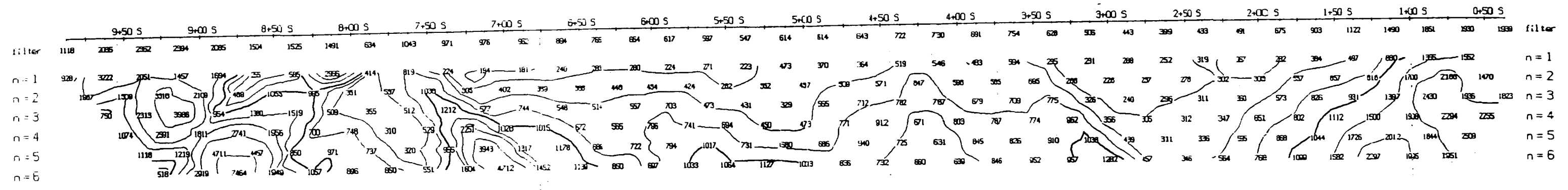


Filtered Profiles

Resistivity ----- filter *
Polarization ----- **
Metal Factor ----- ***

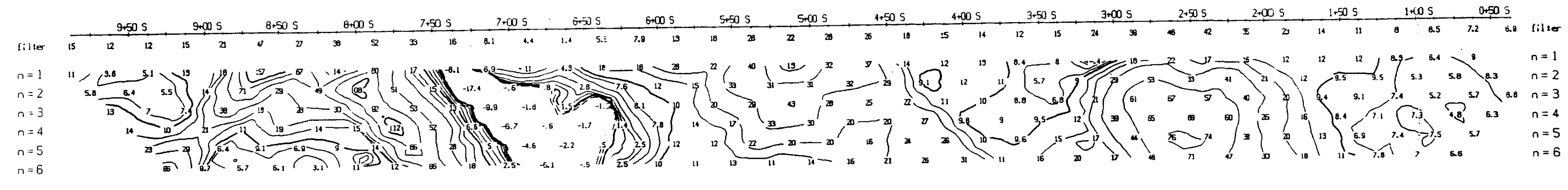
Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

Instruments: Phoenix Turbo IPV-4
Frequency: 1.0 Hz
Operator:



IP Anomalies

— Definite
- - Indefinite.



EASTMAIN RESOURCES INC.

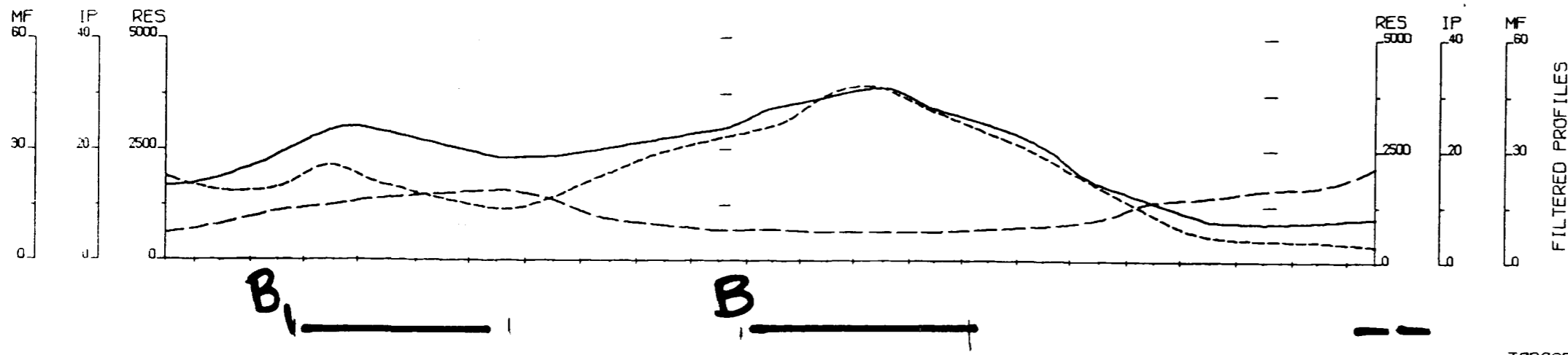
INDUCED POLARIZATION SURVEY

AKWESKWA GRID,
Timmins, Ontario.

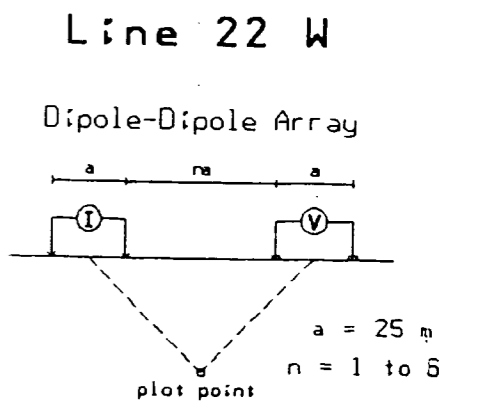
Date: Sept \ 1995

Scale: 1 : 2500

TANDEM GEOPHYSICS INC.



FILTERED PROFILES



TOPOGRAPHY

Filtered Profiles

Resistivity filter *

Polarization **

Metal Factor ***

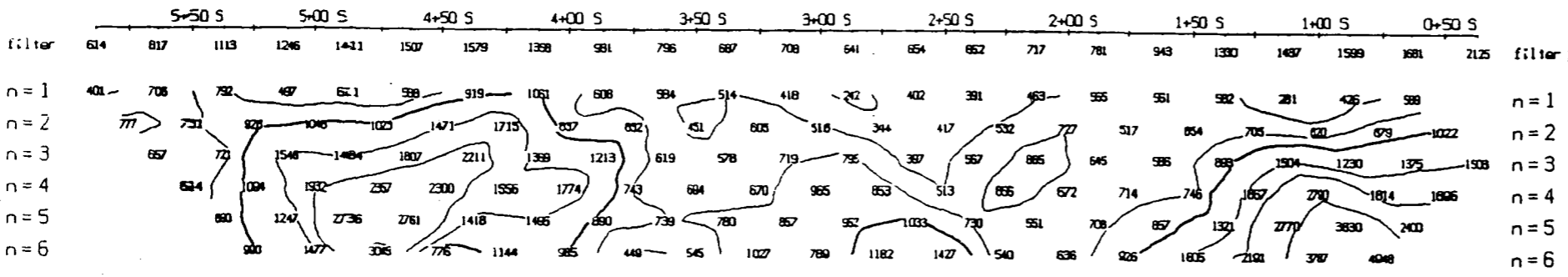
Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

Instruments: Phoenix Turbo IPV-4
Frequency: 1.0 hz
Operator:

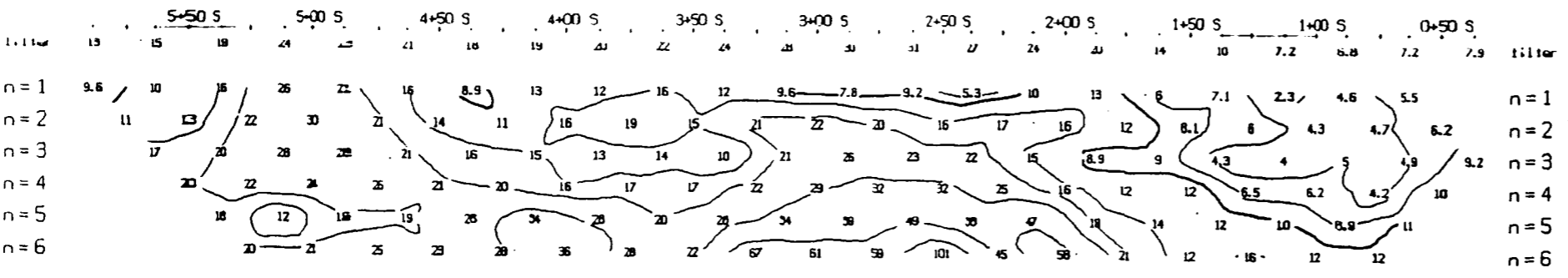
TP Anomalies

Definite

Indefinite

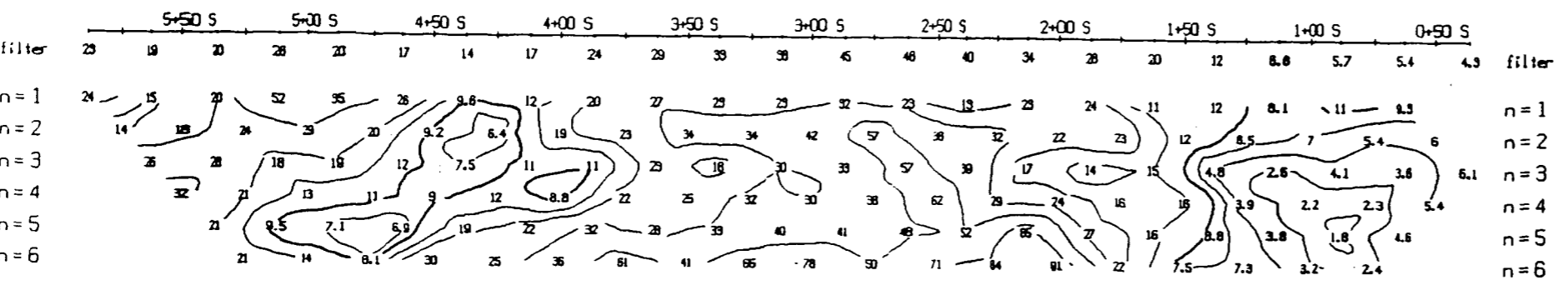


RESISTIVITY



Phase

INTERPRETATION



METAL FACTOR

EASTMAIN RESOURCES INC.

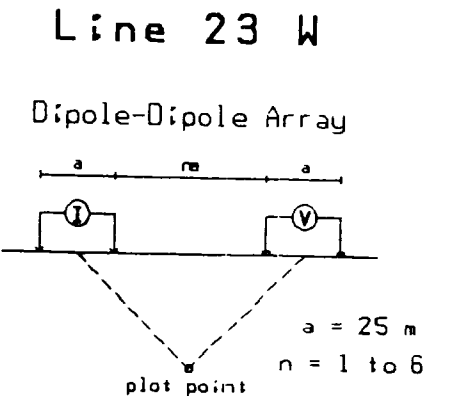
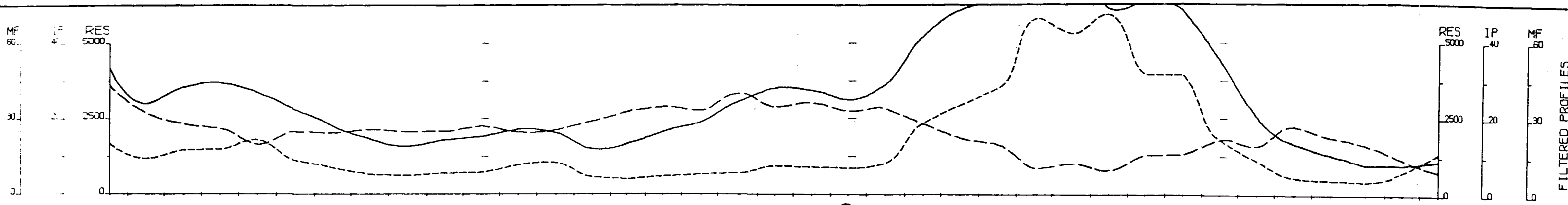
INDUCED POLARIZATION SURVEY

AKWESKWA GRID,
Timmins, Ontario.

Date: Sept \ 1995

Scale: 1 : 2500

TANDEM GEOPHYSICS INC.



TOPOGRAPHY

Filtered Profiles

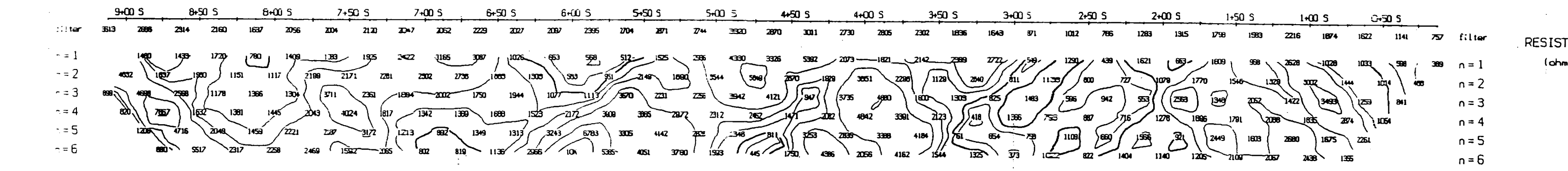
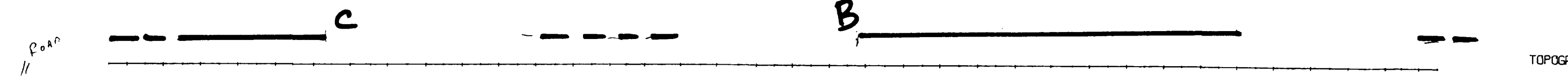
Resistivity ----- filter *
Polarization ----- **
Metal Factor ----- ***

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

Instruments: Phoenix Turbo IPV-4
Frequency: 1.0 hz
Operator:

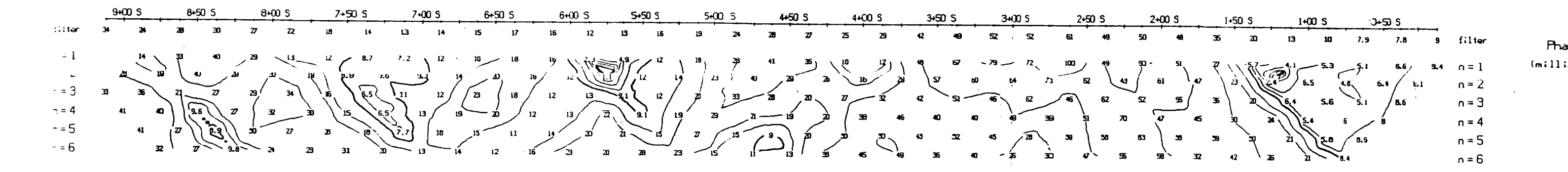
IP Anomalies

— Definite
- - - Indefinite

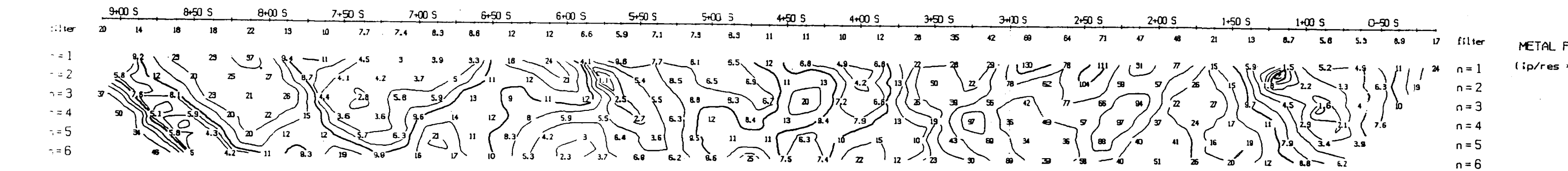


RESISTIVITY

Phase



INTERPRETATION



METAL FACTOR

EASTMAIN RESOURCES INC.

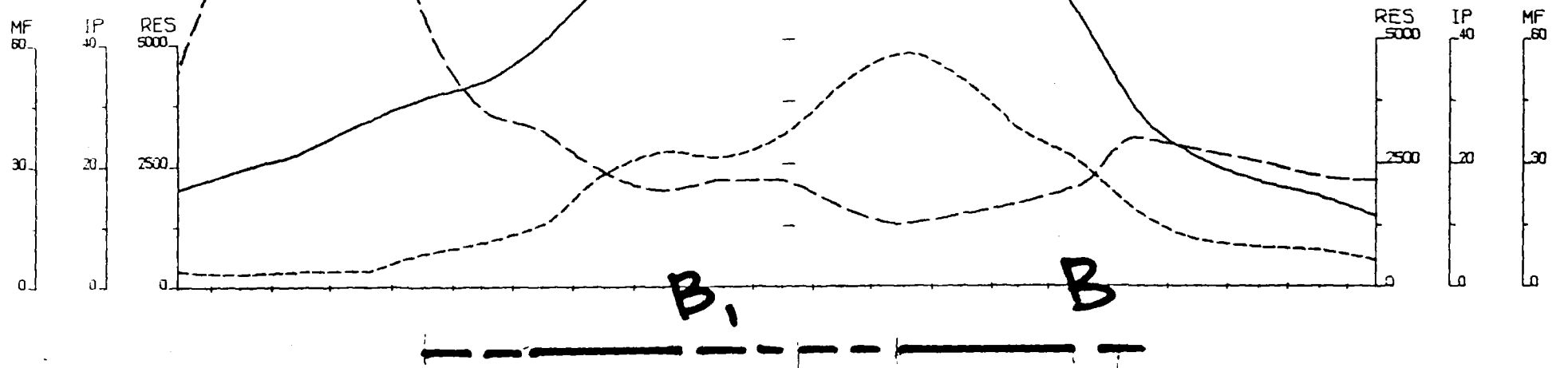
INDUCED POLARIZATION SURVEY

AKWESKWA GRID,
Timmins, Ontario.

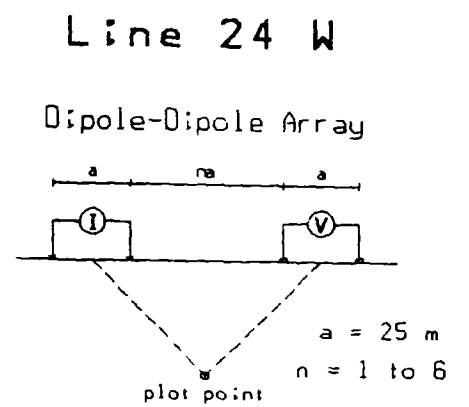
Date: Sept \ 1995

Scale: 1 : 2500

TANDEM GEOPHYSICS INC.



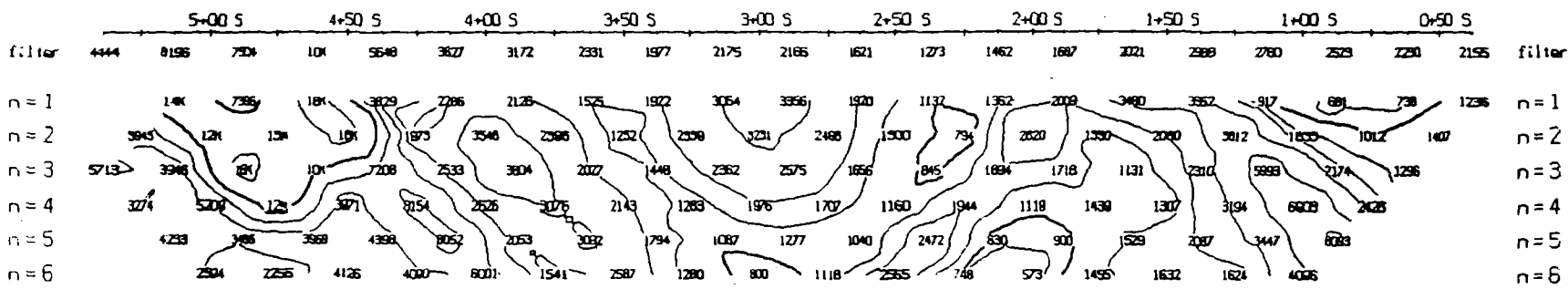
FILTERED PROFILES



TOPOGRAPHY

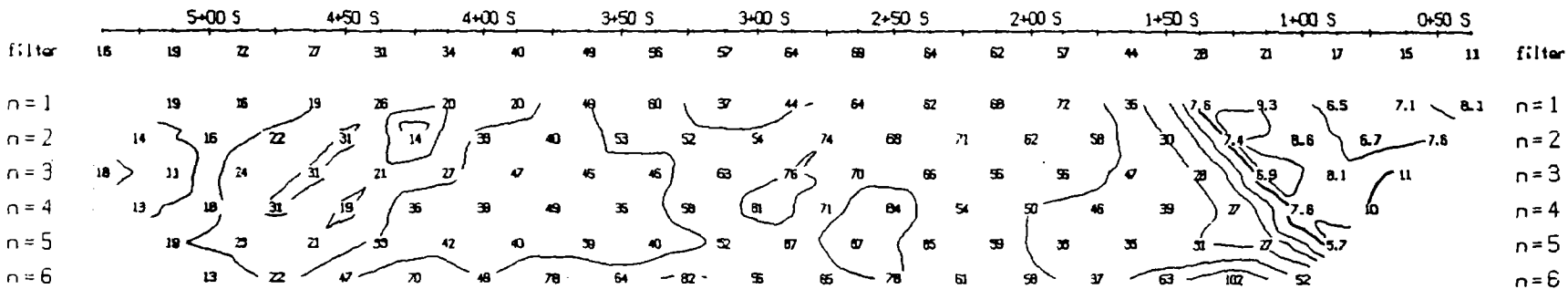
Filtered Profiles

Resistivity	-----	filter	*
Polarization	=====		**
Metal Factor	-----		***



RESISTIVITY

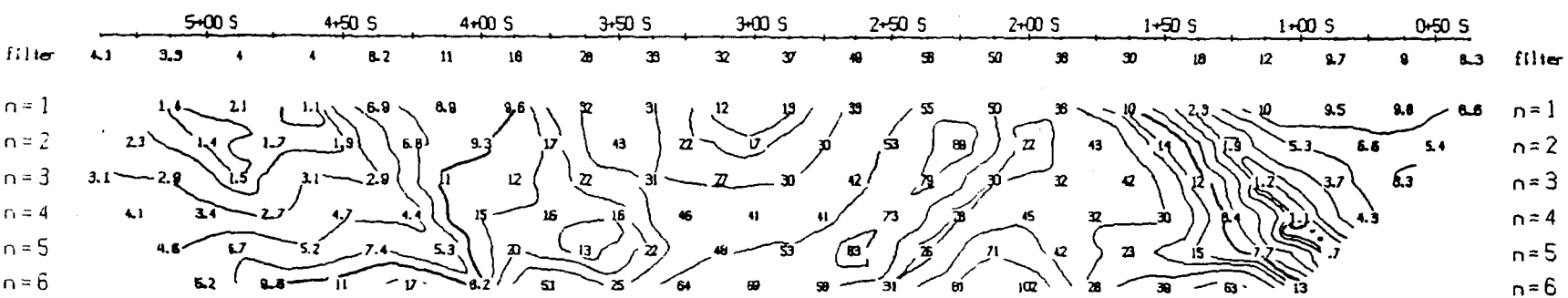
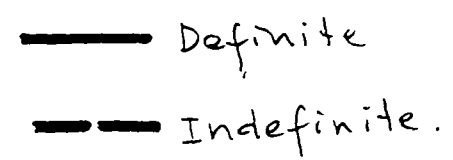
(ohm_m)



Phase

(millirads)

IP Anomalies



INTERPRETATION

METAL FACTOR

(ip/res * 1000)

EASTMAIN RESOURCES INC.

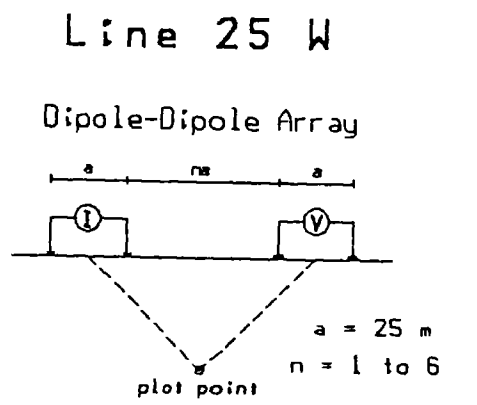
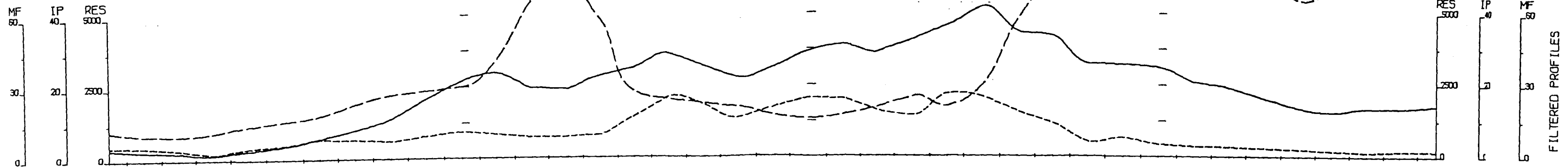
INDUCED POLARIZATION SURVEY

AKWESKWA GRID,
Timmins, Ontario.

Date: Sept \ 1995

Scale: 1 : 2500

TANDEM GEOPHYSICS INC.



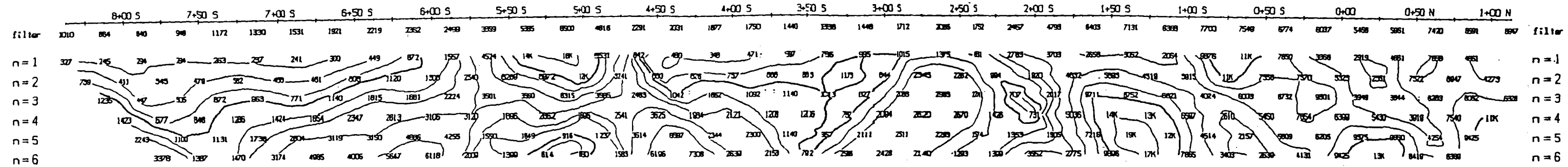
TOPOGRAPHY

Filtered Profiles

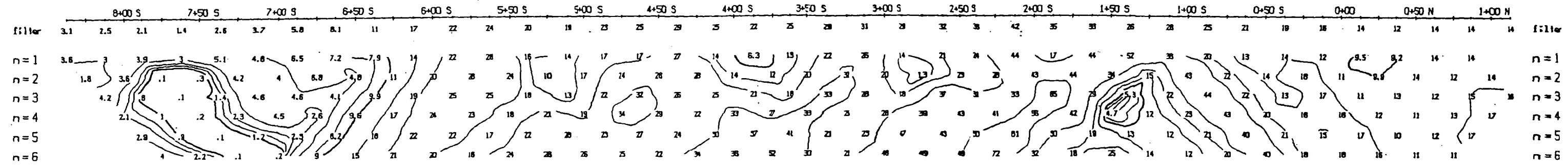
Resistivity ----- *
Polarization ----- **
Metal Factor ----- ***

Logarithmic
Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

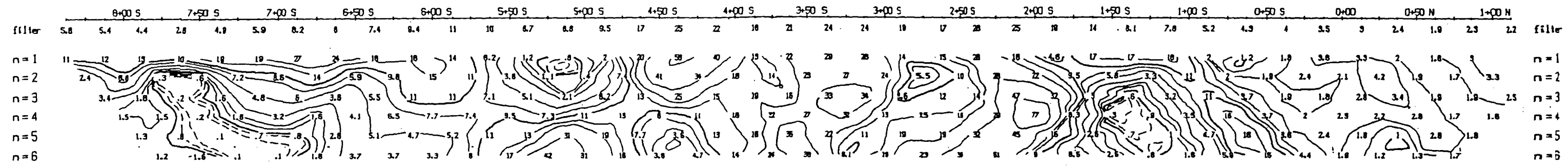
Instruments: Phoenix Turbo IPV-4
Frequency: 1.0 hz
Operator:



RESISTIVITY



Phase (millirads)



INTERPRETATION

METAL FACTOR (ip/res * 1000)

EASTMAIN RESOURCES INC.

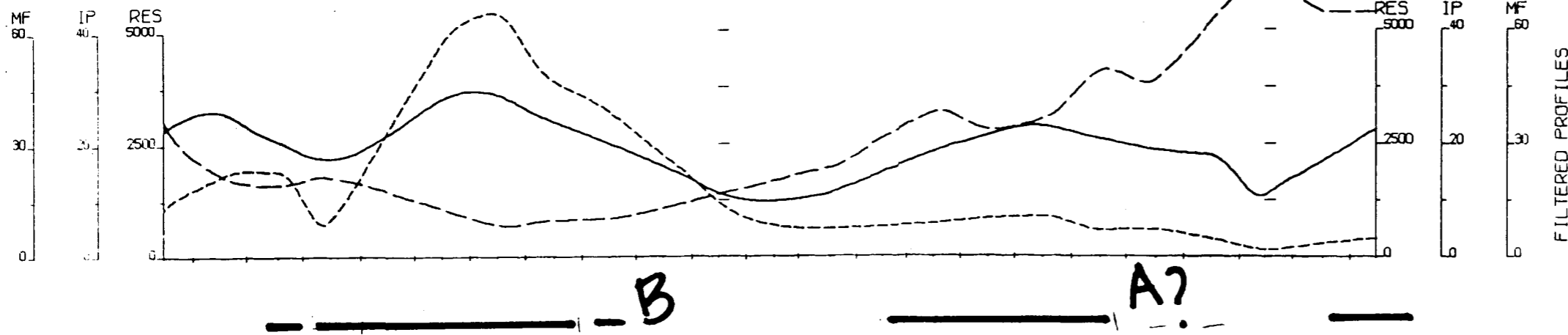
INDUCED POLARIZATION SURVEY

AKWESKWA GRID,
Timmins, Ontario.

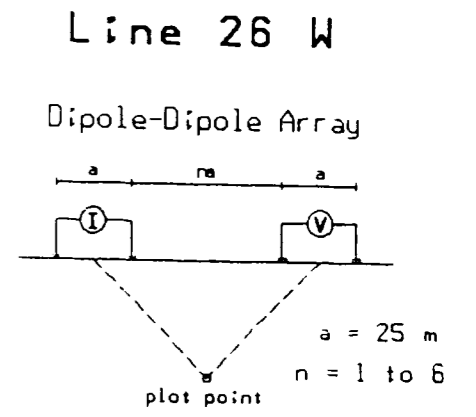
Date: Sept \ 1995

Scale: 1 : 2500

TANDEM GEOPHYSICS INC.

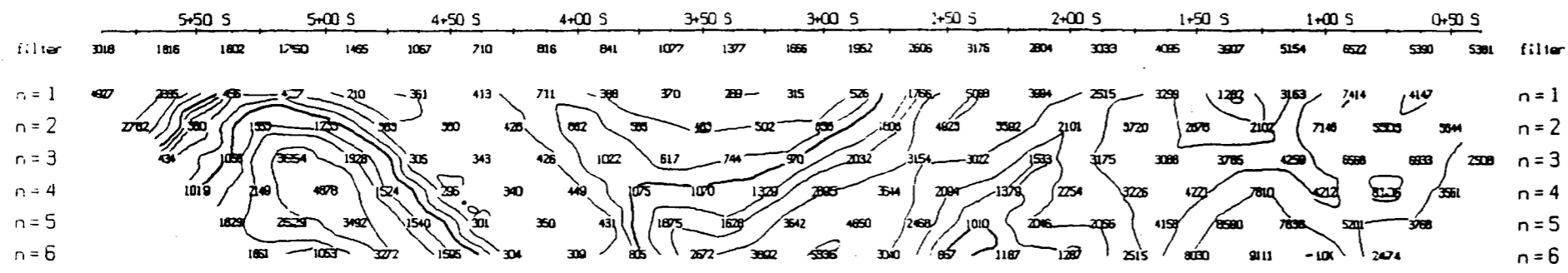


FILTERED PROFILES



TOPOGRAPHY

Filtered Profiles

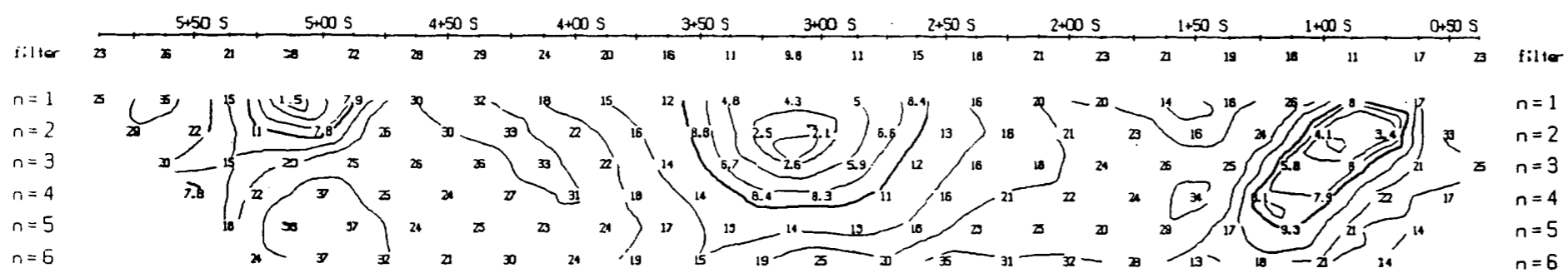


RESISTIVITY

Resistivity ——— filter *
Polarization ——— **
Metal Factor - - - - - ***

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

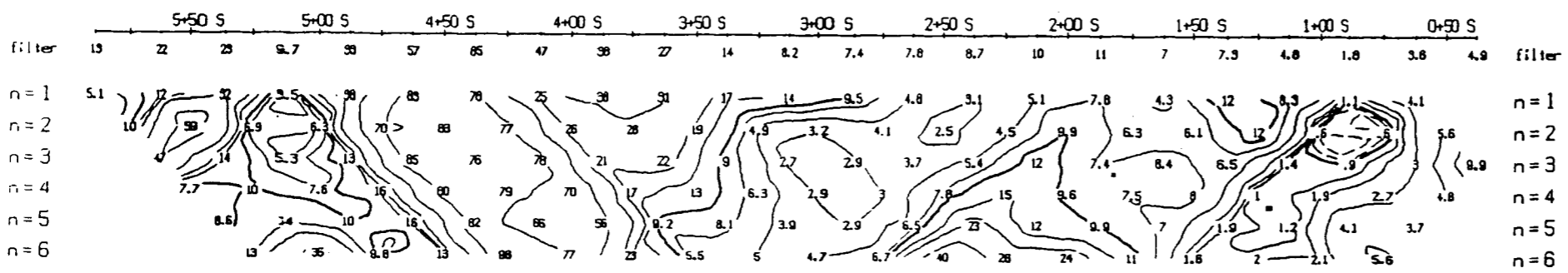
Instruments: Phoenix Turbo IPV-4
Frequency: 1.0 hz
Operator:



Phase

IP Anomalies

————— Definite
- - - - - Indefinite



INTERPRETATION

METAL FACTOR

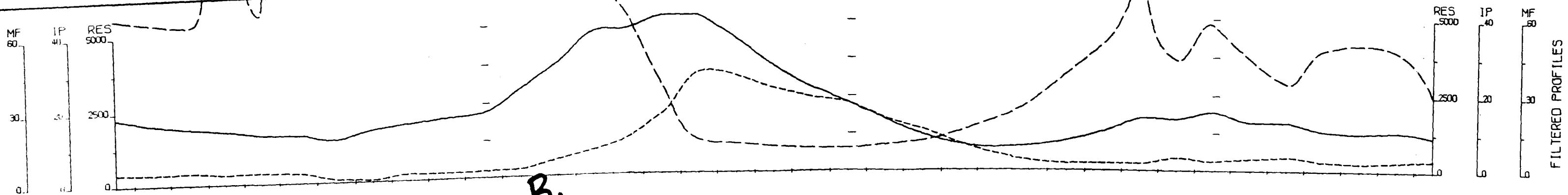
EASTMAIN RESOURCES INC.

INDUCED POLARIZATION SURVEY
AKWESKWA GRID,
Timmins, Ontario.

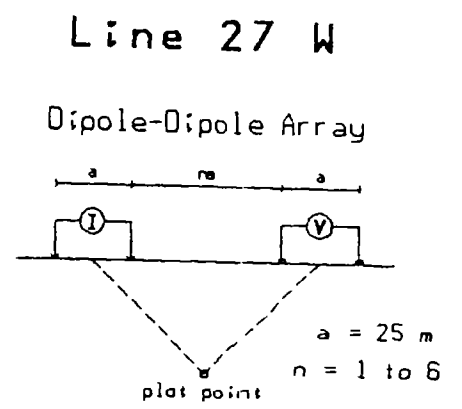
Date: Sept \ 1995

Scale: 1 : 2500

TANDEM GEOPHYSICS INC.



FILTERED PROFILES



TOPOGRAPHY

Filtered Profiles

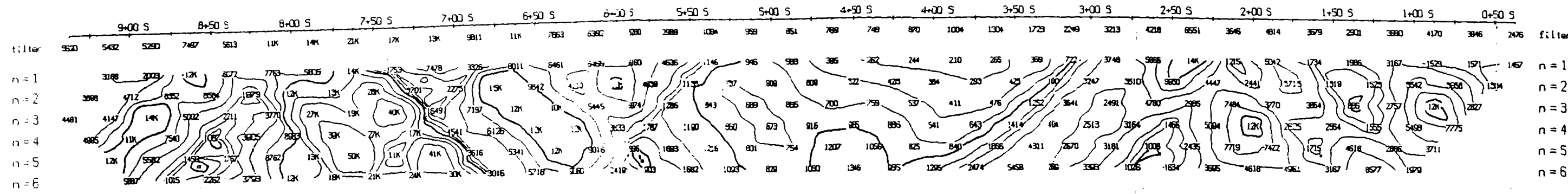
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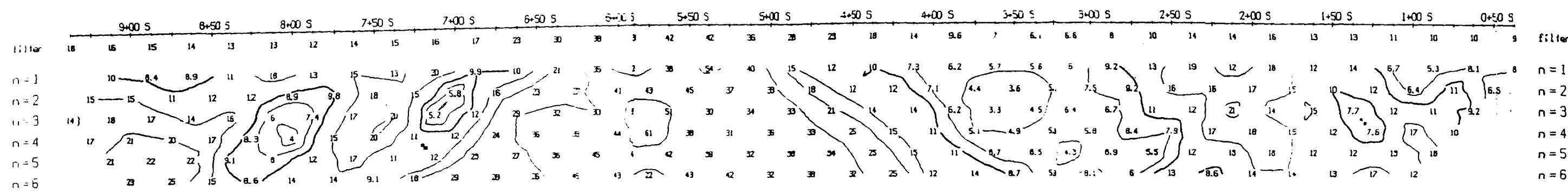
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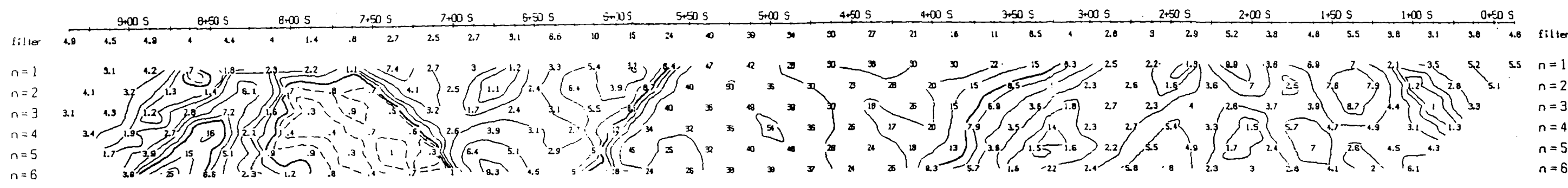
RESISTIVITY

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Phase

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INTERPRETATION

METAL FACTOR

(ip/res * 1000)

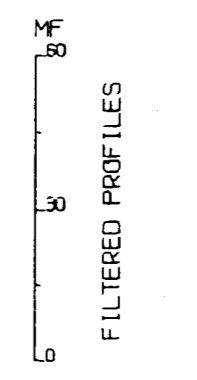
EASTMAIN RESOURCES INC.

INDUCED POLARIZATION SURVEY
 AKWESKWA GRID,
 Timmins, Ontario.

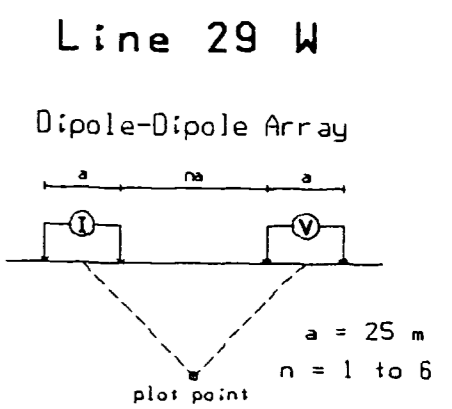
Date: Sept \ 1995

Scale: 1 : 2500

TANDEM GEOPHYSICS INC.



TOPOGRAPHY

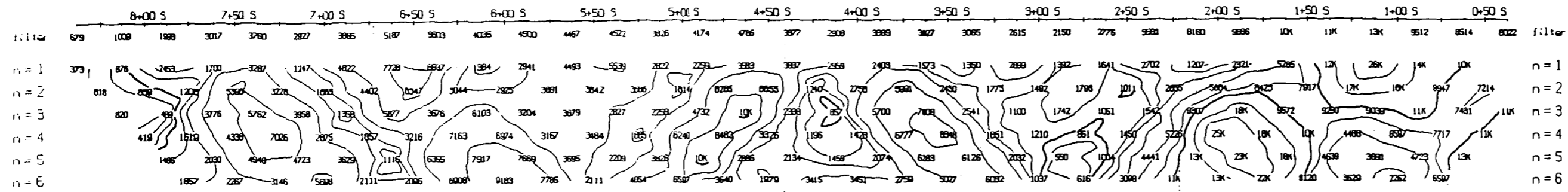


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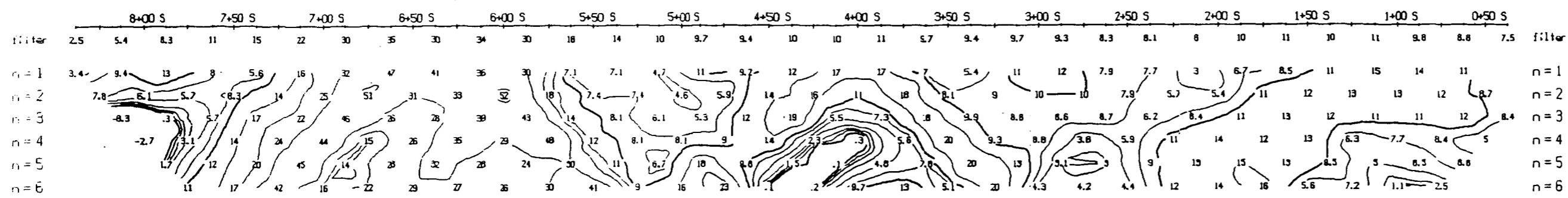
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 Frequency: 1.0 hz
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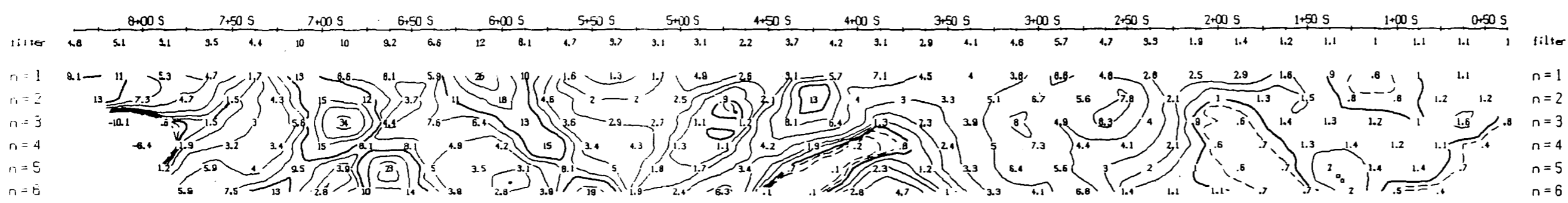
RESISTIVITY
 (ohm_m)



Phase
 (millirads)

IP Anomalies

————— Definite
 - - - - - Indefinite



INTERPRETATION

METAL FACTOR
 (ip/res * 1000)

EASTMAIN RESOURCES INC.

INDUCED POLARIZATION SURVEY

AKWESKWA GRID,
 Timmins, Ontario.

Date: Sept \ 1995

Scale: 1 : 2500

TANDEM GEOPHYSICS INC.

REPORT ON THE PROPERTY
OF
EASTMAIN RESOURCES INC.

AKWESKWA PROJECT

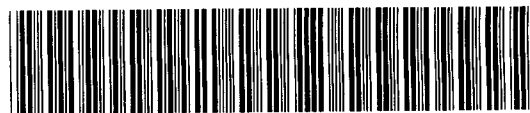
Linecutting and IP. Surveys

Kenogaming Township
42A /04 NW

2.17887

C.I. Butella
Consulting Geologist

Sept. 30, 1997



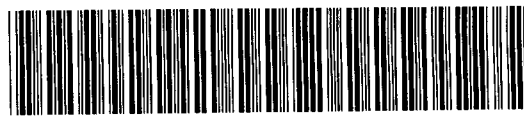
42A04NW0073 2.17887 KENOGAMING

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3. Linecutting and IP Survey
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42A04NW0073 2.17887 KENOGAMING

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4. PsuedoSection 8+ 00 E (Scale 1:2,500)
5. PsuedoSection 2+ 00 E (Scale 1:2,500)
6. PsuedoSection 1+ 00 E (Scale 1:2,500)
7. PsuedoSection 0+ 00 E (Scale 1:2,500)
8. PsuedoSection 1+ 00 W (Scale 1:2,500)
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15. PsuedoSection 13+ 00 W (Scale 1:2,500)
16. PsuedoSection 15+ 00 W (Scale 1:2,500)
17. PsuedoSection 17+ 00 W (Scale 1:2,500)
18. PsuedoSection 19+ 00 W (Scale 1:2,500)
19. PsuedoSection 21+ 00 W (Scale 1:2,500)
20. PsuedoSection 22+ 00 W (Scale 1:2,500)
21. PsuedoSection 23+ 00 W (Scale 1:2,500)
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Summary

In October of 1995, Eastmain completed the first phase of an integrated program of exploration on its Akweskwa Lake property located near Timmins, Ontario. Field work consisted of airborne and ground geophysical surveys, linecutting and preliminary geological mapping and sampling in preparation for winter diamond drilling.

The Akweskwa Property is underlain by Archean supracrustal rocks of the northeastern portion of the Swazye Greenstone Belt. This complex assemblage of felsic to mafic volcanic rocks has been intruded by several northwest trending ultramafic sill-like bodies and minor mafic intrusions. Several small felsic porphyry stocks, sills and dykes invade the volcanic sequences. All rocks on the property are crosscut by a swarm of north to northeast trending Proterozoic diabase dykes.

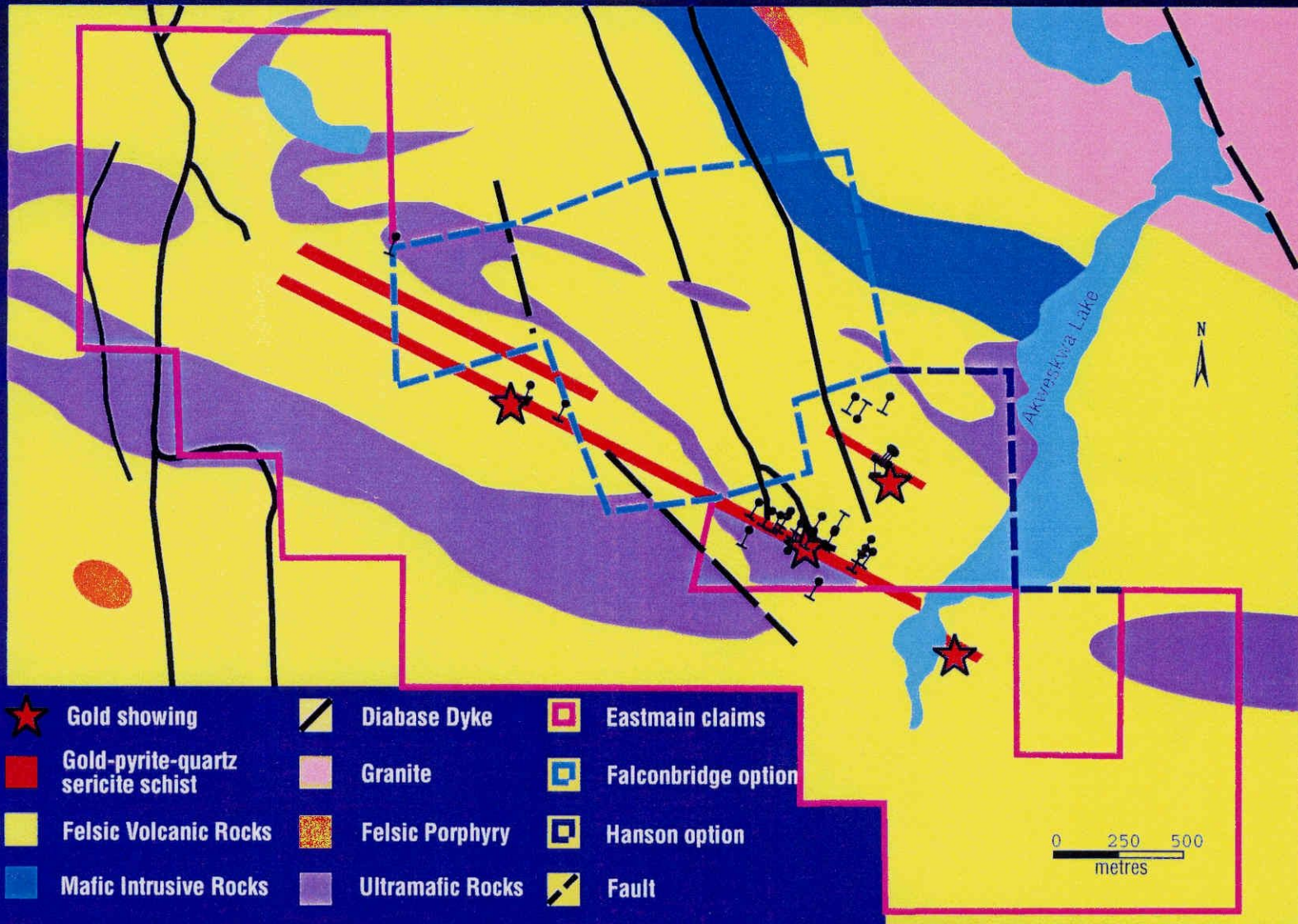
At Akweskwa, field programs were designed to assess the possibility of an economic gold deposit similar to the large, highly profitable pyritic gold mines of Hemlo and Bousquet. This report deals primarily with linecutting and ground geophysical surveys.

Induced Polarization (I.P.) surveys represent an effective method of delineating buried zones of disseminated pyrite. I.P. surveys, performed by Eastmain, have detected wide zones of disseminated pyrite mineralization associated with felsic schists and pyroclastic rocks across the entire property, coincident with, and extending from, known auriferous mineralization at the Dunvegan Zone.

Work to date confirms a four-kilometre-long by 300-metre-wide strongly pyritized corridor of highly altered felsic rocks, which are geochemically enriched in gold and zinc. Siliceous-sericite-fuchsite-chlorite altered pyritic tuffs are exposed in several locations on surface and represent excellent targets for proposed trenching and diamond drilling.

The property appears to be well situated geologically and has reasonable exploration potential to host a Hemlo-type gold ore deposit. Further work is highly warranted.

AKWESKWA Gold Project Compilation



1.0 Introduction

Eastmain Resources Inc. has acquired 38 mining claims in Kenogaming Township and optioned 9 patented mineral claims from Falconbridge Limited, to explore for a Hemlo or Bousquet-type pyritic gold deposit.

Hemlo-type gold deposits appear to be stratabound, tabular sheet-like bodies with the largest to date, Teck Corporation's Williams Mine, having current reserves of 32.2 million tonnes, at an average grade of 0.16 oz / tonne (From Teck Corporation: 1997 Annual Report). The deposits occur within an Archean eugeosynclinal rock sequence in which mineralization is confined to the felsic-sedimentary contact. Gold deposition is directly associated with hydrothermal quartz-sericite alteration and disseminated pyritic mineralization.

In the late fall of 1995, Eastmain Resources Inc. initiated a preliminary exploration program on its Akweskwa Lake Project, located near Timmins, Ontario. The program was established in order to test the potential of pyritic gold mineralization on the property.

The Akweskwa property is underlain by a series of felsic pyroclastic rocks which have been intruded by large komatiitic ultramafic sills. Gold mineralization has been identified on the property within these highly altered felsic pyroclastics, in two stratigraphic horizons similar to those hosting the Hemlo deposits in Ontario and the Bousquet deposits of Quebec.

In 1951, Dunvegan Mines Limited discovered up to 0.24 oz/ton Au over 4.0 feet (8.22 gpt / 1.22 metres) in trenches, within what became known as the Dunvegan Zone. Diamond drilling and trenching, completed by Jonsmith Mines Limited in 1960, intersected up to 18.5 gpt Au/ 3.04 metres (0.54 ounces over 10 ft.) in strongly pyritized felsic volcanic rocks northwest of the Dunvegan Zone. Historical surface geophysical surveys and diamond drilling have identified a 2-kilometre-long and up to 60-metre-wide package of quartz-sericite-chlorite-pyrite schists, containing anomalous gold and zinc, which extends across the property westward from the Dunvegan.

2.0 Location and Access

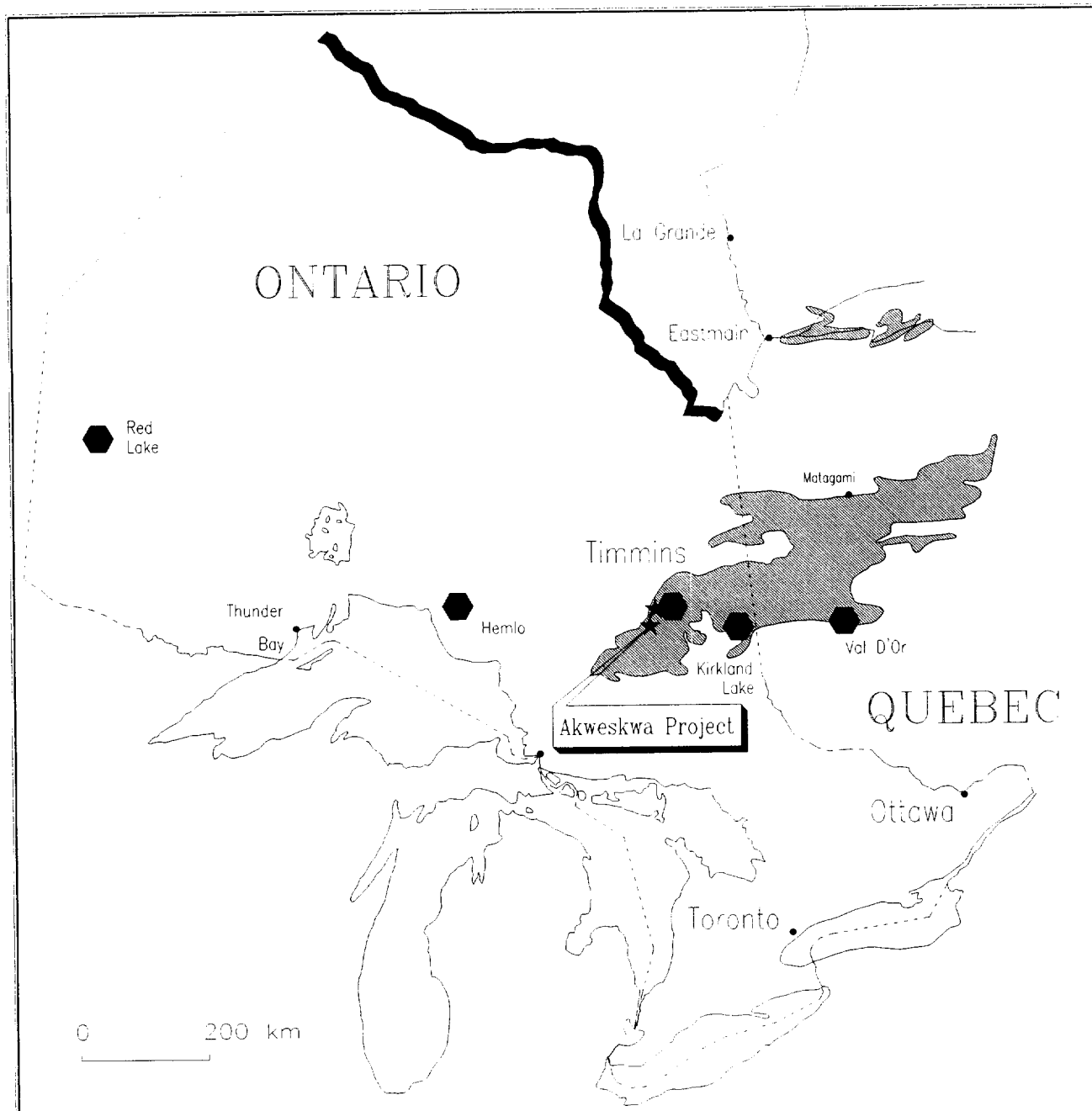
The Akweskwa property is located approximately 60 kilometres southwest of Timmins, Ontario in the north central portion of Kenogaming Township, Porcupine Mining Division, District of Sudbury (Claim map ref. G-3239). The claim group is centred at approximately 48° 08' 45" N latitude and 81 ° 55' 36" W longitude (NTS 42A /04 NW). Figure 1.


Access to the property is via the Kenogaming Logging Ltd. all-weather road which intersects Highway 101 to the south, about 16 kilometres west of Joe's Halfway House on the Opishong River. The northwest boundary of the property is situated along the left fork ("To Gogama"), in the Kenogaming road, about ten kilometres south of the Highway 101 junction.

The claim group is well dissected by numerous ancillary logging roads which facilitate easy access to any part of the property. Water for exploration and development should be available from various creeks and lakes on the property. Gravel for road building is abundant and a CNR mainline passes through about 11 kilometres southwest of the project area.

The city of Timmins serves as the main centre of communication and supply for the area. With several mines currently in production, Timmins offers excellent infrastructure for the exploration and development of new projects nearby. Both Royal Oak and Echo Bay Mines could provide custom milling operations for a deposit at Akweskwa.

The smaller hamlet of Foleyet, located approximately 32 kilometres west of the property, offers minimal supply services and accommodation.



- ★ EASTMAIN PROJECTS
- MAJOR GOLD DISTRICT
-  GREENSTONE BELT

EASTMAIN RESOURCES INC.

PROPERTY
LOCATION MAP

Scale 1:10,000,000

Figure 1

3.0 Topography and Vegetation

The topography of the Akweskwa property is generally fairly flat lying with low to moderate relief. Large outcrop ridges and coarse Pleistocene sand and gravel eskers predominate in the northwest and south-central portions of the property, while low lying dry bogs, glacial till and boulder fields appear to dominate the remainder of the area. About 20% of the project area is covered in wet tag alder-and-cedar swamp.

A well developed stream runs diagonally across the property from Chabot Lake in the northwest, through the lower part of Akweskwa Lake, and beyond to the extreme southeast corner of the claim group. Several smaller creeks and beaver ponds occur within the claim group, especially in the south central region. The property is bounded to the west, south and east by larger rivers and lakes of the Kamiskotia water system. Akweskwa Lake is part of this system.

Overburden depths range between 0 - 20 metres and average about eight metres. Well differentiated podzolic soils seem to be developed on outwash sands and tills under a coniferous to mixed forest cover. Prominent tree species include black spruce, cedar, birch, poplar and balsam fir. Much of the area has been heavily forested providing good exposure. Secondary growth is primarily softwood and alder slash.

4.0 Property Status

The Akweskwa property is comprised of 20 unpatented mineral claims, consisting of a total of 39 units, and nine patented mining claims (Figure 2). Claims distribution and ownership are listed below. Subject to various royalty interests, Eastmain Resources Inc. can earn up to 100% interest in the optioned claims.

<u>Claim No.</u>	<u>No. of Units</u>	<u>Ownership</u>
1154747	3	100% Eastmain
1154748	3	100% Eastmain
1204269	1	100% Eastmain
1204270	6	100% Eastmain
1204271	2	100% Eastmain
1204272	3	100% Eastmain
1204273	1	100% Eastmain
1204274	1	100% Eastmain

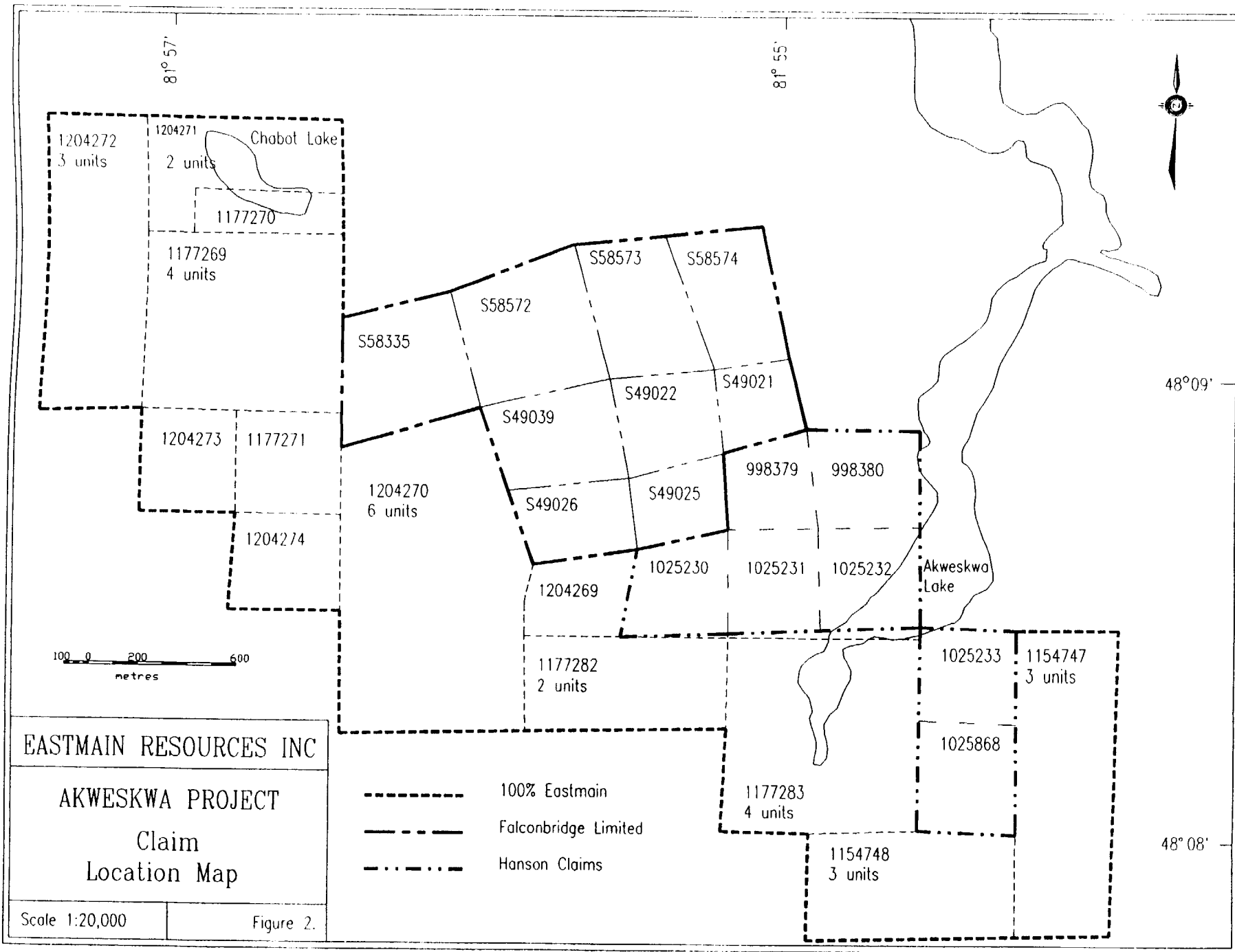
Bradbrook Option:

1177269	4	100% Eastmain; C. Bradbrook Option
1177270	1	100% Eastmain; C. Bradbrook Option
1177271	1	100% Eastmain; C. Bradbrook Option
1177282	2	100% Eastmain; C. Bradbrook Option
1177283	4	100% Eastmain; C. Bradbrook Option

Total: 13 claims	32 units	100% Eastmain
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Hanson Option:

998379	1	Eastmain can earn 100%; Hanson Option
998380	1	Eastmain can earn 100%; Hanson Option
1025230	1	Eastmain can earn 100%; Hanson Option
1025231	1	Eastmain can earn 100%; Hanson Option
1025232	1	Eastmain can earn 100%; Hanson Option
1025233	1	Eastmain can earn 100%; Hanson Option



EASTMAIN RESOURCES INC

AKWESKWA PROJECT

Claim
Location Map

Scale 1:20,000

Figure 2.

- 100% Eastmain
- Falconbridge Limited
- · - · - Hanson Claims

	1025868	1	Eastmain can earn 100%; Hanson Option
Total:	7 claims	7 units	Eastmain can earn 100% interest

Falconbridge Patented claims (Eastmain Option):

	S58335	1	Eastmain can earn 100%; Falconbridge
	S58572	1	Eastmain can earn 100%; Falconbridge
	S58573	1	Eastmain can earn 100%; Falconbridge
	S58574	1	Eastmain can earn 100%; Falconbridge
	S49021	1	Eastmain can earn 100%; Falconbridge
	S49022	1	Eastmain can earn 100%; Falconbridge
	S49025	1	Eastmain can earn 100%; Falconbridge
	S49026	1	Eastmain can earn 100%; Falconbridge
	S49039	1	Eastmain can earn 100%; Falconbridge
Total:	9 patented claims	9 units	Eastmain can earn 100%

5.0 Previous Work

Exploration has continued sporadically in Kenogaming and surrounding townships since the turn of the century. In the early 1900's exploration efforts were concentrated on the discovery of large iron formations in the area. Soon afterwards, gold , base metals and asbestos became targeted commodities.

As early as 1947, gold was discovered by *Hoodo Lake Mines* on what is now known as the Akweskwa property. Native gold was panned from oxidized surface material overlying pyritic shear zones in sphalerite-chalcopyrite bearing sericitic tuffs. However, disappointing assay results from the trenching of these zones kept the property dormant until 1951, when Hoodo changed it's name to *Dunvegan Mines Limited* and re-examined the property with regard to it's zinc potential. The trenches were extended, deepened and re-sampled. Both gold and zinc assays generally returned low values, however at least one sample was

reported to contain up to 0.24 oz / ton gold across four feet or 8.22 gpt /1.22 metres. The same sample was also reported to have values of 0.20 oz/ton silver (6.9 gpt) and 0.24% zinc.

In 1952-53 *Norduna Mines Ltd.* optioned the Dunvegan Property and began evaluation of the peridotites for their nickel potential. Norduna completed about 5,000 feet (1525 m) of diamond drilling. The best intersection was 0.88% Ni and 0.157% Cu over 25 feet (7.62m)

Jonsmith Mines Limited reportedly drilled three short packsack drill holes, approximately 1,800 feet (548.6 m) northwest of the previous Dunvegan Zone, in 1960. Drill hole #1 intersected 5.0 feet of 0.92 oz/ ton gold, followed by another five foot section grading 0.16 oz/ ton, for an average grade of 0. 54 oz/ton over 10 feet or 18.5 gpt Au/3.04 metres. Gold was thought to be associated with heavier pyrite mineralization and the presence of chalcopyrite and galena within a sericitized felsic tuff.

In 1966, *Falconbridge Nickel Mines Limited* optioned part of the Jonsmith property and drilled eight holes on the Dunvegan Zone, intersecting anomalous gold, silver and zinc. Hole F4 intersected 0.08 oz/ton gold or 2.74 gpt over 3.3 feet (one metre). Other drilling returned values of up to 1.03% Zn, 0.55 oz/ton Ag (19 gpt) and 0.01 oz/ton Au (0.34 gpt) across 5.2 feet (1.58 metres).

International Norvalie Mines drilled three short holes into the Jonsmith Zone in 1971. Apparently the Jonsmith results could not be duplicated, suggesting the presence of free gold within the system.

From 1977 to 1983 several companies performed ground geophysical work in the property area. *Canadian Johns Mansville Company Limited, Texasgulf Limited and Donit Exploration Services* completed ground magnetics, VLF and both vertical and horizontal loop EM

surveys with no recorded follow-up .

In 1983, *Carl Creek Resources and Bearcat Explorations* carried out a joint venture program which included stripping, trenching, mapping and sampling on five claims covering the Dunvegan/Jonsmith showings. Their work defined the Dunvegan Zone as a corridor of sheared, sericitized, pyritic tuffs containing numerous zones of siliceous pyrite mineralization up to three metres wide. Values of up to 0.08 oz/ton or 2.74 gpt gold were obtained in surface sampling. MPH Consulting Limited completed IP surveys for the JV partners over the anomalous zones. Later, in 1985, Carl Creek , through MPH Consulting, performed a follow-up program of mapping, trenching and sampling over IP targets to the east of Akweskwa Lake. A grab sample of semi-massive pyrite hosted by sheared felsic tuffs and located approximately 400 metres southeast of the original Dunvegan Zone was reported to assay 5.38 gpt gold(0.157 ounces).

Glen Auden Resources Ltd. and Golden Range Resources Ltd. completed geological mapping, soil sampling and ground geophysical surveys in the northwestern portion of the Akweskwa property in 1985-86. Four drill holes, totalling 620 metres, were completed on the northwestern extension of the Dunvegan zone. Each of the holes intersected wide zones of pyritic quartz-sericite-carbonate schist with geochemically anomalous quantities of gold (up to 0.6 gpt. in hole GAK-4).

Halley Resources Ltd. (1988-89) undertook a program of stripping, trenching, detailed mapping of historical trenching, ground magnetometer and VLF-EM surveys and diamond drilling. 18 drill holes were completed in the Dunvegan Zone and surrounding area - intersecting up to 20.5 gpt Au over 1.95 m.

Several Induced Polarization anomalies were defined on the property in a partial test survey completed by Christopher Bradbrook in 1994.

6.0 1995 Exploration Program and Results

During the 1995 field season, Eastmain completed an integrated surface exploration program including airborne and ground geophysical surveys, linecutting, geological mapping and diamond drilling. This report deals specifically with linecutting and ground geophysical surveys (Figure 3).

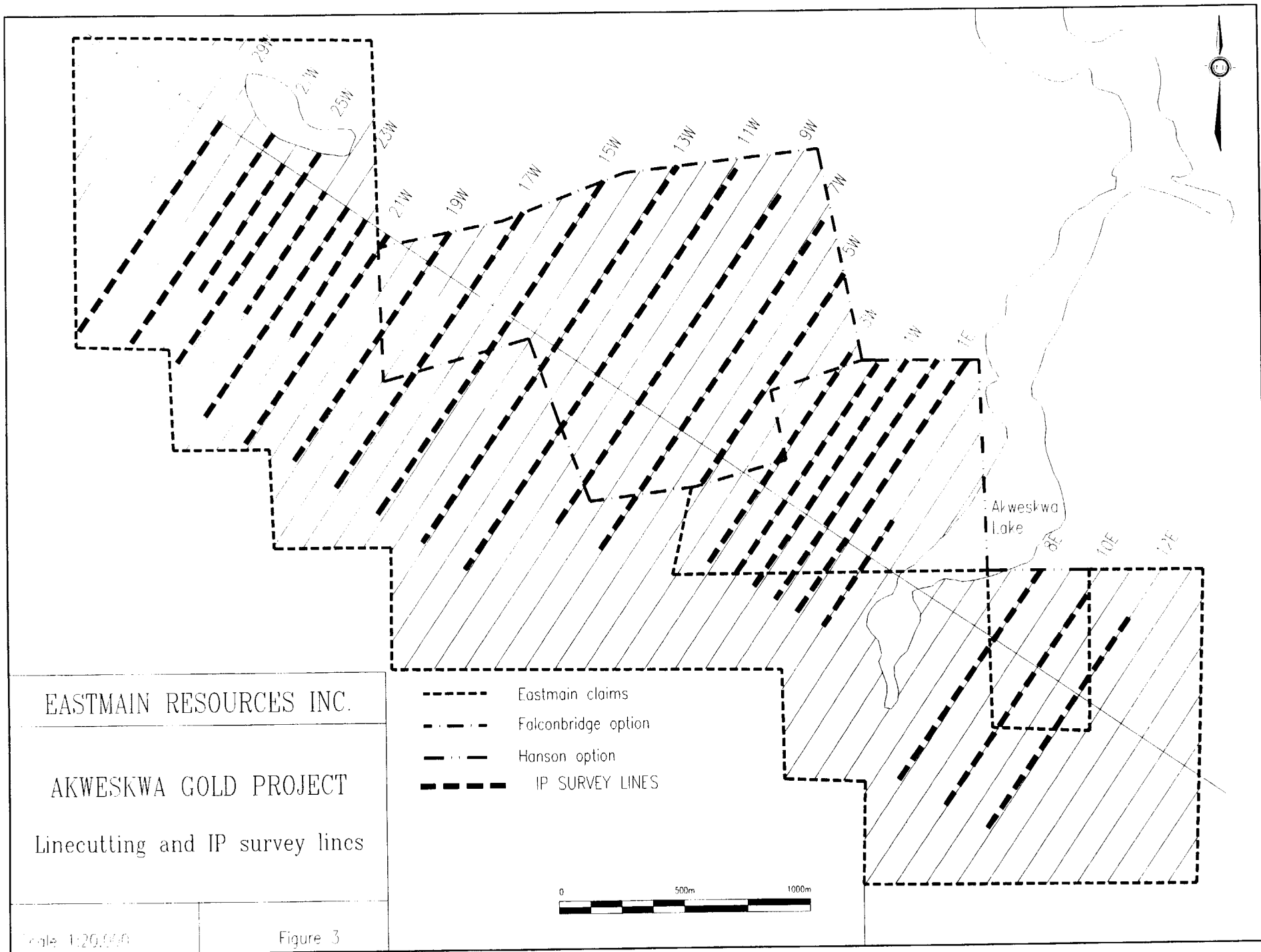
6.1 Linecutting :

Approximately 80 kilometres of cut-line grid has been established over the Akweskwa property. A 5.3-kilometre, northwest-southeast ($\sim 123^\circ$) base line, located about 150 metres south of Chabot Lake, bisects the property diagonally. The baseline was aligned subparallel to stratigraphy, and to the known corridor of mineralization. Cross-lines were cut perpendicular to this baseline at 100-metre line spacings with station pickets set at 25-metre intervals (Figure 3). Two tie-lines were established in order to maintain grid control in areas of increased drainage; one in the southeast portion of the grid from L200 W to L1700 E , at 6+00 S, and the other at 1+75 N, from L1200 W to L1600 W.

Due to numerous problems with personnel, linecutting which commenced in mid-June, was not completed until October 16,1995. Work was directed and supervised by three individual groups and was distributed as follows:

Wayne Stewart	~ 37 kilometres
Franmar Exploration Services	~ 16 kilometres
Rayan Exploration Ltd.	~ 27 kilometres

Appendix 4 lists full names and addresses for field personnel.



Scale 1:20,000

Figure 3

6.2 Induced Polarization Surveys :

In the fall of 1995, Tandem Geophysics, under contract to Eastmain Resources Inc., conducted an Induced Polarization survey over the Akweskwa property. The program, which commenced September 22 and was completed October 18, 1995, covered approximately 27.4 line kilometres, at a 200-metre line spacing, in an effort to delineate the known mineralized corridor, and to discover other possible zones of mineralization. Readings were taken on 100-metre line spacings in two areas where intense pyrite mineralization appeared in surface outcrop. Those zones occur between L200 E to L300 W and from L2100 W to L2700 W. The survey utilized a frequency domain system, known as Phase IP, with a dipole-dipole array. Dipole separation was 25 metres and $n=1$ through 6. Instrumentation consisted of a Phoenix IP-V4 multi-channel receiver coupled with a Phoenix IPT-1 transmitter (Appendix 2).

The IP survey was particularly effective in delineating the mineralized corridor across the property. A wide IP expression, locally up to 300 metres in width, striking in a northwest-southeast orientation, subparallel to the base line, has been defined from L 800 E to L 2900 W (Figure 4). Four definite continuous anomalies have been identified as A, B, B1 and C as illustrated on the pseudo sections in Appendix 2. In addition, several indefinite anomalies which warrant follow-up exploration have also been identified. Anomaly A corresponds with the Dunvegan gold zone and extends from L100 E to L1700 W, immediately south of the base line. Anomaly B is aligned parallel and south of anomaly A, extending from L1100W - 200 S to L2600W - 200 S. This anomaly is en echelon to anomaly A and may be a fold repetition of A, or a separate sulphide zone. A third stratabound IP anomaly, B1, was detected from L2100 W - 500 S to L2900 W - 650 S. This zone is coincident with observed surface mineralization in altered, schistose, pyritic felsic

tuffs carrying accessory green mica. A fourth IP chargeability anomaly, C, extends across the southern margin of the property from L 700 W to L2300 W, at approximately 800 metres south. This anomaly coincides with an airborne magnetic anomaly, and probably reflects disseminated magnetite in serpentinized peridotite sills which intrude the felsic volcanic sequence.

7.0 Conclusions and Recommendations

7.1 Conclusions :

- A wide zone of disseminated sulphide mineralization occurs within sheared felsic volcanic rocks at the Akweskwa property.
- Sporadic gold values have been obtained from part of this zone, known as the Dunvegan showing.
- Induced Polarization methods have traced this mineralized zone for 3.7 kilometres across the property.
- IP surveys have also traced the contact of the ultramafic sills that bound the felsic assemblage.

7.2 Recommendations :

Based on positive geophysical survey results, a second phase of exploration is recommended for the Akweskwa property and should include surface induced polarization surveys, lithogeochemical sampling, geological mapping, trenching and diamond drilling.

Previous high water levels prevented complete IP coverage on some survey lines coincident with the mineralized corridor. Extended detailed IP surveys are strongly recommended at 100 m line intervals across the property to fill-in current survey gaps. A systematic program of surface mapping and lithogeochemical sampling should be completed over the entire property. Detailed mapping and sampling of outcrops directly

over the zones with the strongest IP response should also be carried out. Brief field observation indicates that these zones are indicative of areas of intense rock alteration and mineralization - a possible guide to as yet undiscovered ore grade mineralization.

7.3 Proposed Exploration - Costs

Phase One exploration is recommended for the property as follows:

Note all costs are estimations only.

Induced Polarization -Infill Surveys	20.55 km @ \$ 1365/km	\$ 27,982.50
Geological Mapping and Sampling		15,000.00
Soil Geochemical sampling		5,000.00
Stripping, Trenching and Sampling		20,000.00
Assays (Including Lithochemical Analysis)		56,000.00
Diamond Drilling	3000 m @ \$ 50/m	150,000.00
Core Shack Rental		2,050.00
Food, Lodging, Transportation Costs		6,000.00
Drill Supervision and Logging, Reports etc.		16,500.00
Miscellaneous Costs and Supplies		<u>5,000.00</u>
	SUB TOTAL	\$ 303,532.50
Contingency @ 10% (includes 5% Management Fees)		<u>30,532.50</u>
	TOTAL	\$ 333,885.75

8.0 References

Assessment files of the Resident Geologist's Office, Timmins.

O.G.S. 1990: Airborne Electromagnetic Survey, Total Intensity Survey, North Swazye,
Montcalm area: Ontario Geological Survey, Map 81 378 and 81 379; Scale 1:20 000.

Milne, V.G. 1972: Geology of the Kukatush-Sewell Lake area, District of Sudbury;
Ontario Division of Mines, GR97, 116p. Accompanied by Maps 2230, 2231; Scale 1 inch to 1/2 mile.

Statement of Qualifications

I, Catherine Irene Butella , of R.R.#1 Orangeville, Ontario, do hereby certify that:

1. I am a graduate in Geology and Biology from Lakehead University, Thunder Bay.
2. I have been involved in the mining exploration industry since 1979, and have practiced as an independent geologist since 1983.
3. I am owner and president of Shawonis Explorations and Enterprises Ltd., a private geological consulting company.
4. I am a member of the C.I.M.M., A.E.G., P.D.A. and T.G.D.G.
5. This report is based on a review of Government reports and publications, and on Company field reports and examinations carried out in October 1995.
6. I have no direct interest in the property, however , I am a shareholder of Eastmain Resources Inc.

Dated at Orangeville, Ontario, this 30th day of September, 1997.



Catherine I. Butella
Consulting Geologist

Appendix 1. Expenditures

The 1995 exploration expenditures on the project, relative to this report, are as follows:

Linecutting		\$ 26,848.44 ·
Induced Polarization	27 km @ \$ 1365/km	\$ 39,434.85 ·
Labour, Supervision, Field Work and Report		\$ 6,262.50 ·
Accommodation, Travel, Meals		\$ 5,981.09 ·
Field Equipment and Supplies		\$ 1,182.15 ·
Maps		\$ 170.62 ·
Mobilization / Demobilization		\$ 462.50 ·
		<hr/>
	Total Expenditures:	\$ 80,342.15

Appendix 2. Induced Polarization : See Folder 1

Appendix 3. Names and Addresses of Recorded Claim Holders

Claim Holder	Claim Numbers
<i>Christopher James Bradbrook - 111410</i> 87 Selgrove Cres. Oakville, Ontario L6I 1I2	P 1177269 - 1177271 incl. P 1177282 - 1177283 incl.
<i>Brenda Gay Hanson - 300823</i> 750 Pender St. West, Suite 604 Vancouver, B.C. V6C 2T7	P 998379 - 998380 incl. P 1025230 -1025233 incl. P 1025868
<i>Eastmain Resources Inc. - 300914</i> 36 Toronto Street, Suite 1000 Toronto, Ontario M5C 2C5	P 1154747-1154748 incl. P 1204269 -1204274 incl.
<i>Falconbridge Nickel Mines Ltd. - 130679</i> P.O. Box 1140, 571 Moneta Ave. Timmins, Ontario P4N 7H9	S 58335 S58572 - 58574 incl S49021, 49022, 49025 S49026,49039

Appendix 4. Field Personnel

On-site Geologist: James Larivere
372 Greenwood Ave.
North Bay, Ontario
P1B 5G4

Eastmain Crew: Wayne Stewart
176 Sunpoke Road
Rusagonis, New Brunswick
E3B 8Y5

Joe Graves
c/o Wayne Stewart

Franmar Exploration Services: J. Bosum (Foreman)
Box 1288, 115 MacDougal Street,
South Porcupine, Ontario
P0N 1H0

Tandem Geophysics Inc.: Ron Mertens (Parnter)
Box 1682,
Guelph, Ontario
N1H 6Z9

Rayan Exploration Services Ltd. :
676 Murray Street
Timmins, Ontario
P4N 7B2



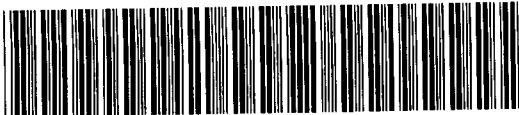
Declaration of Assessment Work Performed on Mining Land

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

Transaction Number (office use) 109760.00438 Assessment Files Research Imaging

SEE FINAL REVISIONS ATTACHED AT THE END OF THIS REPORT. MINISTRY OF NORTHERN DEVELOPMENT AND MINES, 6TH FLOOR, 1000 BAY ST. TORONTO, ONT. M5G 1S2. BEN REDUCED B/S

Personal information collected on this form is obtained under the authority of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, assessment work and correspond with the mining land holder. Ministry of Northern Development and Mines, 6th Floor, 1000 Bay St. Toronto, Ontario M5G 1S2.



42A04NW0073 2 17887 KENOGAMING

900

For a claim, use form 0240.

Instruct

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

Table with columns for Name, Address, Client Number, Telephone Number, and Fax Number. Includes entries for Eastmain Resources Inc. and another holder with phone number 2-17887.

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

- Geotechnical: prospecting, surveys, assays and work under section 18 (regs) [checked]
Physical: drilling, stripping, trenching and associated assays [unchecked]
Rehabilitation [unchecked]

Work Type: Linecutting and ground geophysical surveys (Induced Polarization Surveys). Office Use: Commodity, Total \$ Value of Work Claimed 80,341. Dates Work Performed: From 12/06/95 to 18/10/95. Mining Division: Timmins.

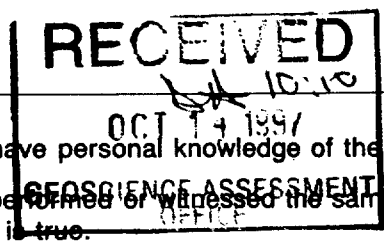
- Please remember to: - obtain a work permit from the Ministry of Natural Resources as required; - provide proper notice to surface rights holders before starting work; - complete and attach a Statement of Costs, form 0212; - provide a map showing contiguous mining lands that are linked for assigning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

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

Table with columns for Name, Address, Telephone Number, and Fax Number. Includes entry for Catherine Irene Butella at RR#1 Orangeville, Ontario L9W 2Y8.

4. Certification by Recorded Holder or Agent

I, Catherine Irene Butella, 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: Catherine I. Butella. Date: Sept. 30, 1997. Agent's Address: RR#1 Orangeville, Ontario L9W 2Y8. Telephone Number: (519) 940-4872. Fax Number: (519) 940-4871.

Deemed Jan 12/98

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

PORTION REDUCED 50% SEE ATTACHED CHANGES W976 00738

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 P 1204270	6	5,050	4,800	0	250
2 P 1204271	2	1,715	1,600	0	115
3 P 1204272	3	2,995	2,400	0	595
4 P 1204273	1	2,275	800	0	1,475
5 P 1204274	1	1,990	800	0	1,190
6 S 58335	1	3,140	N/A	0	3,140
7 S 58572	1	2,890	N/A	0	2,890
8 S 58573	1	2,995	N/A	0	2,995
9 S 58574	1	2,495	N/A	0	2,495
10 S 49021	1	1,775	N/A	0	1,775
11 S 49022	1	2,495	N/A	0	2,495
12 S 49025	1	1,845	N/A	0	1,845
13 S 49026	1	2,150	N/A	0	2,150
14 S 49039	1	2,940	N/A	0	2,940
15					
Column Totals		\$36,750	\$10,400	0	\$26,350

*6000082
6000083
6000084
6000085
6000077
6000076
6000077
6000078
6000077*

I, Catherine Irene Butella, 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.

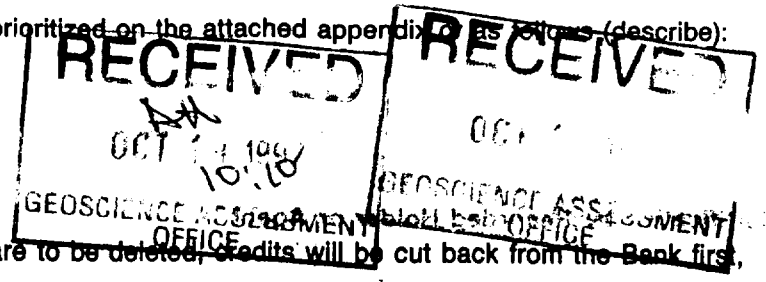
Signature of Recorded Holder or Agent Authorized in Writing: Catherine & Butella Date: Sept. 30/97

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:

- 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 as follows (describe):

See page 1



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

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

PORTION REDUCED 50% SEE FINAL REVISION ATTACHED

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 P 1177269	4	\$9,500	3,200	1600	4,700
2 P 1177270	1	1,715	800	0	915
3 P 1177271	1	2,855	800	800	1,255
4 P 1177282	2	1,461	1,600	0	661
5 P 1177283	4	2,450	3,200	0	850
6 P 998379	1	3,090	0	0	2,690
7 P 998380	1	2,855	400	0	2,455
8 P 1025230	1	2,950	400	0	2,550
9 P 1025231	1	4,860	400	0	4,460
10 P 1025232	1	1,775	400	0	1,375
11 P 1025233	1	2,495	400	1200	895
12 P 1025868	1	2,350	400	1200	750
13 P 1154747	3	1,715	2,400	0	515
14 P 1154748	3	1,850	2,400	0	650
15 P 1204269	1	1,670	800	0	870
Column Totals		\$43,591	\$18,000	\$4,800	\$25,591

I, Catherine Irene Butella, 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: Catherine I Butella Date: Sept. 30/97

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:

- 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):

(At least one) Please cut back from banked credit on patented claims first, followed by other banked credit. Please allow at least one year of work credit for each claim if further cutting back is required

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



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des mines

**Statement of Costs
for Assessment Credit**

**État des coûts aux fins
du crédit d'évaluation**

Mining Act/Loi sur les mines

Transaction No./N° de transaction

W9760.00438

SEE REVISED
STATEMENT OF
COST FOR 50%
REDUCTION

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre	3,862	
	Field Supervision Supervision sur le terrain	2,400	
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type IP-Tandem	39,434	
	Linecutting-Rayon & Franzen	11,222	
	Linecutting- Wayne Stewart	15,626	
Supplies Used Fournitures utilisées	Type Maps	171	
	Field Supplies	870	
	Misc.	312	
Equipment Rental Location de matériel	Type		
Total Direct Costs Total des coûts directs			

2. Indirect Costs/Coûts indirects

** Note: When claiming Rehabilitation work Indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type ops & mileage	1,148	
			1,148
Food and Lodging Nourriture et hébergement		4,833	4,833
Mobilization and Demobilization Mobilisation et démobilisation		463	463
Sub Total of Indirect Costs Total partiel des coûts indirects			6,444
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			6,444
Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs)			20,311
Valueur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)			20,311

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

- Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
- Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
	× 0.50 =

Remises pour dépôt

- Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
- Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valueur totale du crédit d'évaluation	Évaluation totale demandée
	× 0,50

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as Exploration Manager I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature <u>Catherine J Butella</u>	Date <u>Sept. 30/97</u>
---	----------------------------

RECEIVED
OCT 14 1997
AA 10:10
GEOSCIENCE

February 25, 1998

EASTMAIN RESOURCES INC.
36 TORONTO STREET
SUITE 1000
TORONTO, ONTARIO
M5C-2C5

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

Telephone: (888) 415-9846
Fax: (705) 670-5881

Dear Sir or Madam:

Submission Number: 2.17887

Status

Subject: Transaction Number(s): W9760.00438 **Approval After Notice**

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 jeromel2@epo.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,



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

Work Report Assessment Results

Submission Number: 2.17887

Date Correspondence Sent: February 25, 1998

Assessor: Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9760.00438	1177269	KENOGAMING	Approval After Notice	February 23, 1998

Section:

14 Geophysical IP

I have reviewed your submission 2.17958 as requested and agree that the geology survey covers the linecutting grid. Although the linecutting should have been filed with the geology, it is being allowed with this IP survey submission. Note that the linecutting is allowable at 50% of its value since it was filed past the 2 year date of performance.

The IP survey is partially credited at 100% for work that is less than 2 years old and at 50% for the portion that is more than 2 years old.

The TOTAL VALUE of assessment credit that will be allowed, based on the information provided in this submission, is \$42,459.00. Assessment work credit has been approved as outlined on the attached Distribution of Assessment Work Credit sheet.

Correspondence to:

Resident Geologist
South Porcupine, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):

Catherine Irene Butella
ORANGEVILLE, ONTARIO

EASTMAIN RESOURCES INC.
TORONTO, ONTARIO

Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s).

Date: February 25, 1998

Submission Number: 2.17887

Transaction Number: W9760.00438

<u>Claim Number</u>	<u>Value Of Work Performed</u>
1177269	5,025.00
1177270	905.00
1177271	1,510.00
1177282	770.00
1177283	1,300.00
998379	1,630.00
998380	1,510.00
1025230	1,560.00
1025231	2,565.00
1025232	940.00
1025233	1,320.00
1025868	1,245.00
1154747	910.00
1154748	980.00
1204269	880.00
1204270	2,670.00
1204271	910.00
1204272	1,580.00
1204273	1,200.00
1204274	1,050.00
58335	1,660.00
58572	1,530.00
58573	1,580.00
58574	1,317.00
49021	937.00
49022	1,317.00
49025	972.00
49026	1,133.00
49039	1,553.00
Total: \$	42,459.00

REFERENCE

ARE S WITHDRAWN FROM DISPOSITION

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

Description Order No Date Disposition File

PROPOSED COTTAGE AND NOTICE RECEIVED 21 JEMBER 22, 1988

THIS TWP. IS SUBJECT TO FOREST ACTIVITY IN 1992/93. FURTHER INFORMATION AVAILABLE ON FILE.

THIS TWP. IS SUBJECT TO FOREST ACTIVITY IN 1993/96. FURTHER INFORMATION AVAILABLE ON FILE.

F.O. FILED ONLY REC.D DEC.12/94.

SURFACE AND MINING RIGHTS WITHDRAWN FROM PROSPECTING STAKING OUT, OR FOR LEASE UNDER SECTION 35 OF THE MINING ACT R.S.O. 1990 (DATE: 30-MAY-29) ORDER NO. W.P. 7-95-NER.

SURFACE AND MINING RIGHTS RE-OPENED FOR PROSPECTING STAKING OUT, OR FOR LEASE UNDER SECTION 35 OF THE MINING ACT R.S.O. 1990 DATED 96-NOV-18 AT 12:47 P.M. ORDER NO. C.P. 31/96-NER.

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.

SPWELL TWP.



LEGEND

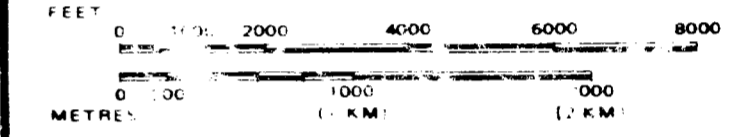
- HIGHWAY AND HIGHWAY No
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- URBAN AND VILLAGES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON PERENNIAL STREAM
- FLOODING OF FLOOD PLAINS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHOP LINE
- 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	○

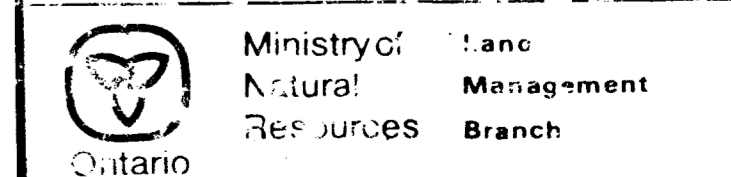
NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 31 1913 VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 300, SEC. 63. (URSEC)

SCALE: 1 INCH = 40 CHAINS

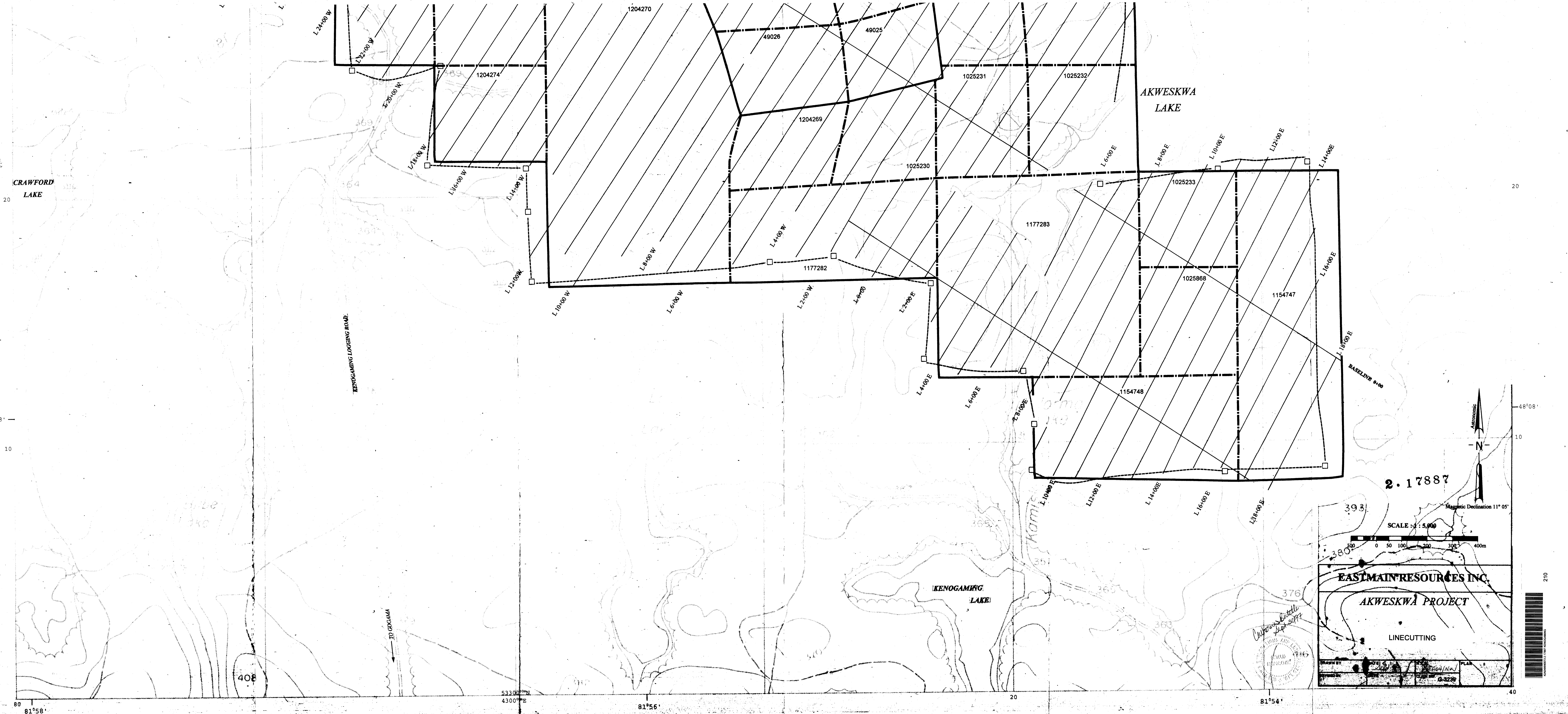


2.17887

TOWNSHIP
KENO GAMING
M.N.R. ADMINISTRATIVE DISTRICT
TIMMINS
MINING DIVISION
PORCUPINE
LAND TITLES / REGISTRATION DIVISION
SLUERY



Date: APRIL 1 95
Number: **G-3239**
ACTIVATED JULY 29, 1992 BY D.C.
CHECKED BY G.W.



KENOGAMING LOGGING ROAD

TO GOGAMA

2.17887

SCALE: 1:5,000

EASTMAIN RESOURCES INC.

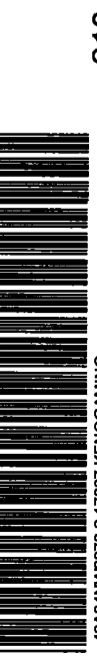
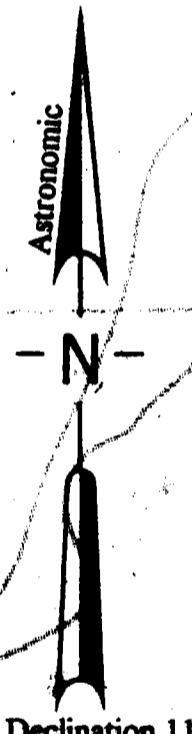
AKWESKWA PROJECT

LINECUTTING

DRAWN BY: [Signature] DATE: [Date]

CHECKED BY: [Signature] DATE: [Date]

PROJECT NO: G-3239



210

