APPENDIX Ca

TEXT OF GEOPHYSICAL REPORT BY DAN PATRIE

GEOPHYSICS

REPORT

ON THE

GOLDEN HARKER PROPERTY

FOR

GOLDEN HARKER EXPLORATIONS LIMITED

 $\mathbf{B}\mathbf{Y}$

Dan Patrie

Dan Patrie February 10, 2005

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INTRODUCTION

Golden Harker Explorations Limited acquired a group of claims in Harker Township in the Kirkland Lake, Ontario, Mining Division.

Golden Harker Explorations Limited, requested Dan Patrie Exploration Ltd., to do a program consisting of an induced polarization and a mag/VLF survey on part of their claims. The survey which began January 4th, 2005 to January 18th, 2005.

SUMMARY AND RECOMMENDATION

The results of the induced polarization looks very promising with chargeability values well above background in many areas on the grid where the surveys were done.

Also, mag and VLF surveys were done with very good results showing areas of strong anomalies.

Reading lines that were not read with induced polarization is recommended.

A program totaling 21 kilometers of an induced polarization survey was done on the property which was a time domain pole dipole survey with 6 levels read with n = 1 to 6 with an 'a' spacing of 50 meters and a total of magnetometer and VLF surveys were also read.

Due to the lack of geological information an ongoing program of exploration over all of the existing claims should be performed with concentrating in the areas where the geophysics anomalies were located.

In summary, it is considered that the potential of the property great merit for more exploration work and to evaluate the potential of the property it is recommended that a program of sampling, mapping and more geophysics be completed over all of the property not already covered especially where the chargeability anomalies were found.

CLAIM DESCRIPTION

The Harker Property consists of 3 unpatented mining claims numbered 3009233, 3009234 and 3009348 and also 30 patented claims numbered 578376, 578375, 578374, 578373, 11676, 9197, 11677, 9052, 578377, 578378, 13139, 7306, 7305, 7307, 13138, 9142, 7312, 7313, 7343, 13343, 13342, 13195, 13194, 561998, 57885, 57884, 578846, 578847, 578849 and 578850 located in Harker Township, Kirkland Lake, Mining Division..

LOCATION AND ACCESS

The Harker property is located in NE Ontario, 40 kilometers NE of Kirkland Lake. Access to the property is by driving 12 kilometers eastward along Hwy 66 from Kirkland Lake, then northwards along the Esker Lake road for a distance of 42 kilometers. From this point, a series of logging and old mining roads run eastwards for approximately 4 kilometers to the center of the property. The access into the grid was strictly by snowmachines at this time.

RECOMMENDED EXPLORATION PROGRAM

The surveys should include as follows:

- 1. Completion of grid lines over entire property.
- 2. Total field magnetometer survey.
- 3. Induced polarization survey.
- 4. Diamond drilling anomalies found to establish sulphide content and geology.

Following completion of this work and contingent upon the results then additional work should be considered to further evaluate the economic potential for a gold discovery.

This report summarizes the results obtained from the work carried out during the current program and the interpretation is speculative.

INSTRUMENTATION AND WORK DONE INDUCED POLARIZATION SURVEY

A total of 21 kilometers of an induced polarization survey was done with an "a" spacing of 50 meters and 6 levels 1 to 6 read. The survey was a time domain pole dipole survey and was read with a Walcer MG-18 horsepower motor generator and a Huntec 12 kilowatt Model transmitter and a Scintrex IPR-12 receiver. The motor generator and transmitter were stationary on the end of the line being read and current transmitted through a wire with an electrode into the ground for a good contact and then transmitting current to that electrode from the transmitter by the transmitter man which is contact by radio to the receiver man. Ahead of the live current electrode is a crew of men with electrodes at every 50 meter station to be read and connected to the electrodes by length of wire from the receiver where the receiver operator picks up the readings with the receiver. The data is then downloaded from the receiver at the end of the day to a computer where the resistivity and chargeability is calculated and plotted using Geosoft software for the earth sciences in pseudosection maps.

MAGNETOMETER/VLF SURVEY

The magnetometer/VLF survey was carried out using an Envi Magnetometer/VLF combined unit made by Scintrex Ltd. The Envi Mag has the capability to measure the total field and using an Envi Magnetometer as a station for correcting magnetic diurnal drift. These are total field magnetometers which measure the magnetic field through the use of proton processional effects caused by the interaction of a magnetic field with a spin aligned, proton rich fluid.

An instrument accuracy precision and resolution of 0.1 nt may be obtained with these instruments under ideal conditions. While in gradient mode which was not done at this time the unit has the accurate means of measuring both the total field and the gradient of the total field and measuring both sensors simultaneously to calculate the true gradient. In gradient mode the instrument sharply defines the magnetic responses determined by the total field. It individually delineates closely spaced anomalies rather than collectively identifying them under one broad

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An instrument accuracy precision and resolution of 0.1 nt may be obtained with these instruments under ideal conditions. While in gradient mode which was not done at this time the unit has the accurate means of measuring both the total field and the gradient of the total field and measuring both sensors simultaneously to calculate the true gradient. In gradient mode the instrument sharply defines the magnetic responses determined by the total field. It individually delineates closely spaced anomalies rather than collectively identifying them under one broad

magnetic response. Also when doing a gradient survey time the instrument enables you to conduct a gradient survey during a magnetic storm because of the technique of simultaneously measuring the two sensors cancels out the effects of diurnal magnetic variations. Microprocessors contained in these instruments allow for the collection of the readings along with the time and its position in digital form suitable for downloading to a computer for data processing.

Also, the VLF survey frequency at the time was 24.8 which is transmitted from Seatle Washington.

A total of 47.4 kilometers of magnetic and VLF readings were taken along the lines at 25 meter station intervals. The field measurements were corrected for diurnal variations of the earth's magnetic field by direct subtraction of the base station readings from the reading taken at the same moment in the field units. The corrected data is then downloaded to a computer for plotting.

INTERPRETATION

The magnetic survey proved successful in finding a high magnetic anomaly 200 to 1000 nT above background running east west across the south half of the grid from line 1700 west to line 1100 east and also running east west across the grid from line 1300 east to 2900 east.

The VLF proved successfull with a strong response running east west accross the property south of the base line and also a stong target in the north west corner of the grid which could be an effect the the strong powerline in that vicinity.

The induced polarization proved successfull in finding strong chargeability zones approximately 4 time background with corresponding high resistivity values. The zones are located from line 500 west to 875 west at the very south ends of the lines leaving the anomaly open. Another area is from line 875 west to 1687 west with a very strong response at the ends of all lines with corresponding high resistivity values. Another strong chargeability and corresponding resistivity high is at the south end of line 500 east to 812 east and open.

Also, there is a strong chargeability response with corresponding low resistivity values situated on line 2750 east centered at 250 south and on line 2625 east from 450 south to 150 south. See contoured maps and pseudosection in back of report for a better interpretation.

CONCLUSIONS

With the presence of a favorable geological environment for the localization of gold mineralization of economic importance and with the results obtained to further evaluate the property's potential the writer recommends an on going work program over the remaining claims and areas not already covered on the property, consisting of line cutting, magnetometer/VLF and induced polarization surveys to locate areas of disseminated sulphide.

Respectfully submitted,

Daniel F. Patrie

Geology and Geophysics Technologist

February 10, 2005

Own when

PERSONNEL

Dan Patrie

Massey, Ontario

Bryan Patrie

Massey, Ontario

Brent Patrie

Elliot Lake, Ontario

Jody Steinke

Spanish, Ontario

Joel Soloman

Massey, Ontario

Mario Pilon

Timmins, Ontario

Samuel Pilon

Timmins, Ontario

CERTIFICATE OF QUALIFICATION

- I, Daniel Patrie do hereby certify:
- 1. That I am a Geology and Geophysics Technologist and I reside at Hwy. 17 West, P.O. Box 45, Massey, Ont., Canada, P0P 1P0,
- I graduated from Cambrian College Of Applied Arts and Technology, Sudbury, Ontario.
 in 1987 with a diploma in Geological Technology with a one year certificate in Geophysics,
- 3. And I have practiced my profession continuously since graduation, as well as being an active prospector since 1972.
- 4. That my report on the Golden Harker Property, Kirkland Lake Mining Division, Ontario, is based on my personal knowledge of the geology of the area, and on a review of published and unpublished information on the property and surrounding area.

Daniel F. Patrie

Geology and Geophysics Technologist (Dipl. T)

February 10, 2005

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LETTER OF CONSENT

I, Daniel F. Patrie, of the Town of Massey, Ontario, do hereby consent to Golden Harker Explorations Limited, using in whole or in part my Geophysics report on the Golden Harker Property, situated in Harker Township, in the Kirkland Lake, Mining Division in a prospectus of statement of material facts or for filing with government regulatory bodies as deemed necessary.

Dated at Massey, Ontario, this 10th day of February, 2005, in the District of Sudbury.

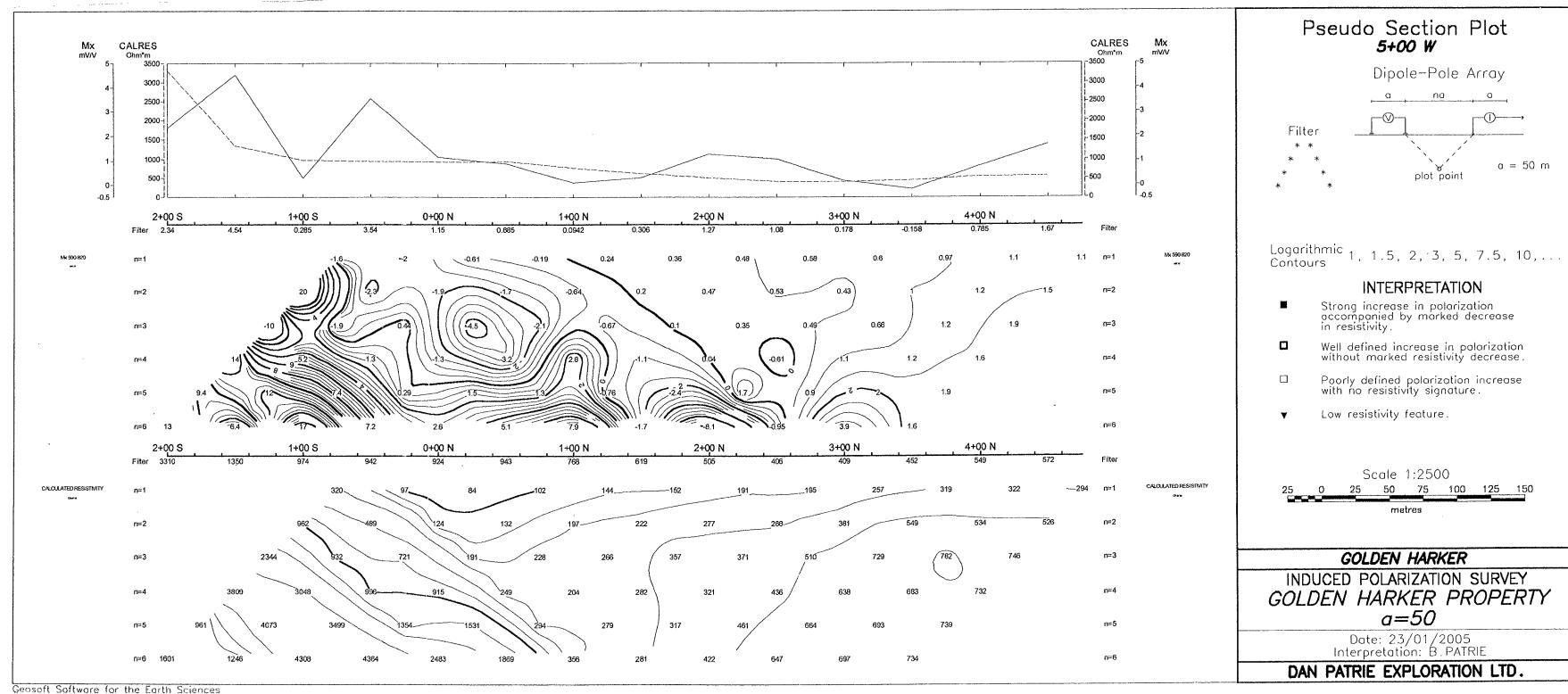
Daniel F. Patrie

Geology and Geophysics Technologist

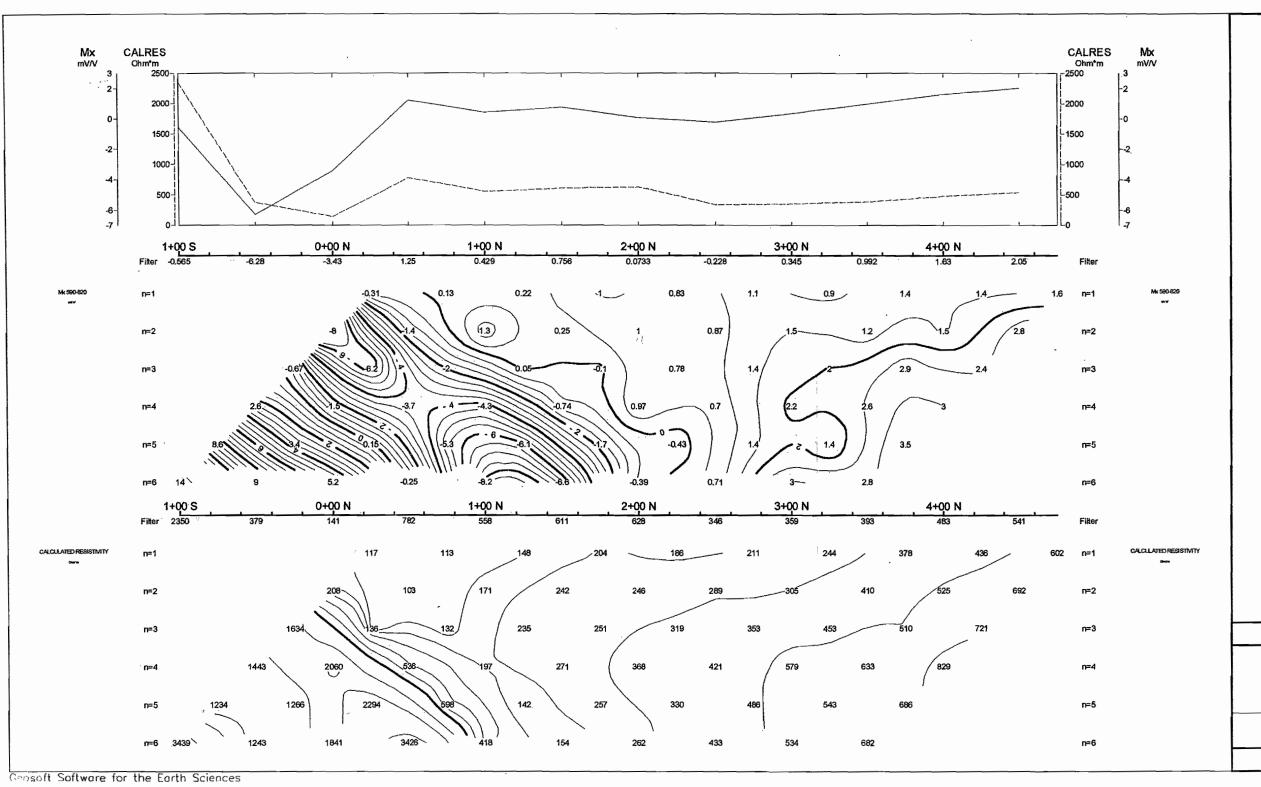
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APPENDIX C(1-7)

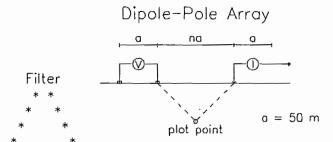
GEOPHYSICAL MAPS FOR 2005 SURVEYS



2 29339



Pseudo Section Plot 6+25 W



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

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- Low resistivity feature.



GOLDEN HARKER

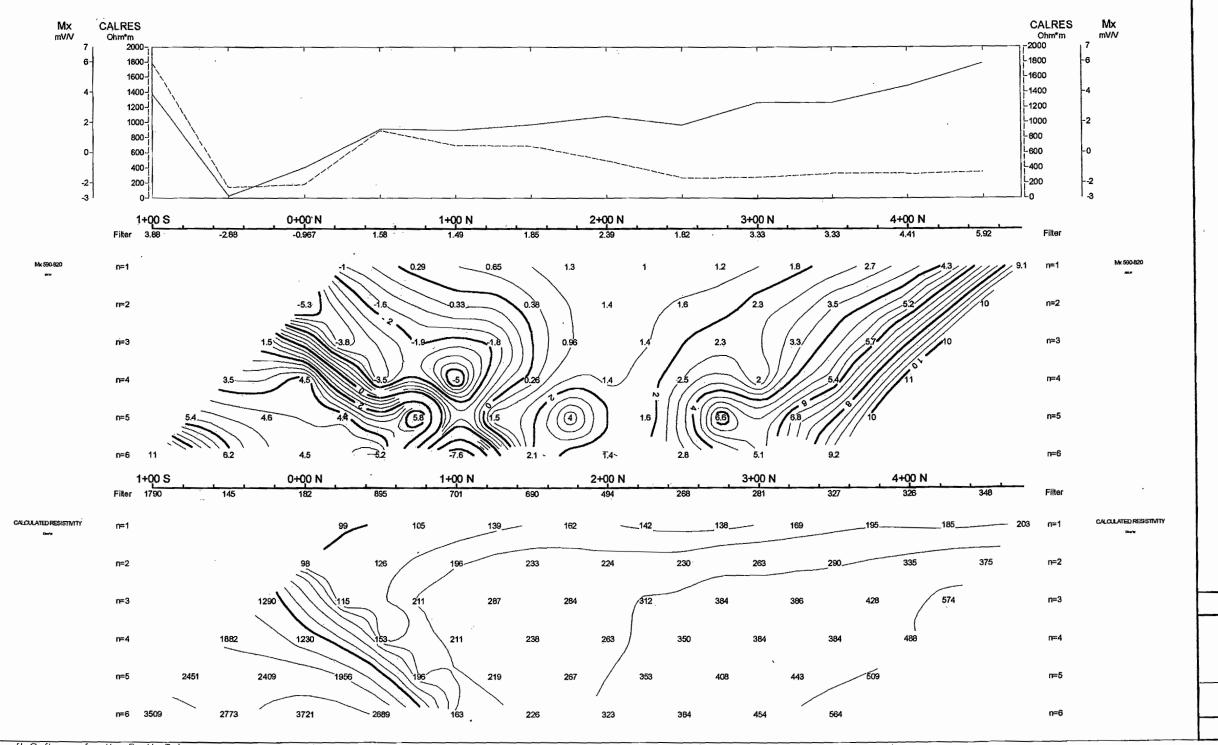
INDUCED POLARIZATION SURVEY

GOLDEN HARKER PROPERTY

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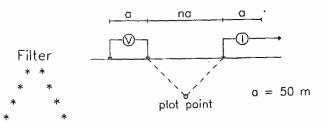
Date: 23/01/2005 Interpretation: B.PATRIE





Pseudo Section Plot 7+50 W

Dipole-Pole Array



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

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GOLDEN HARKER

INDUCED POLARIZATION SURVEY

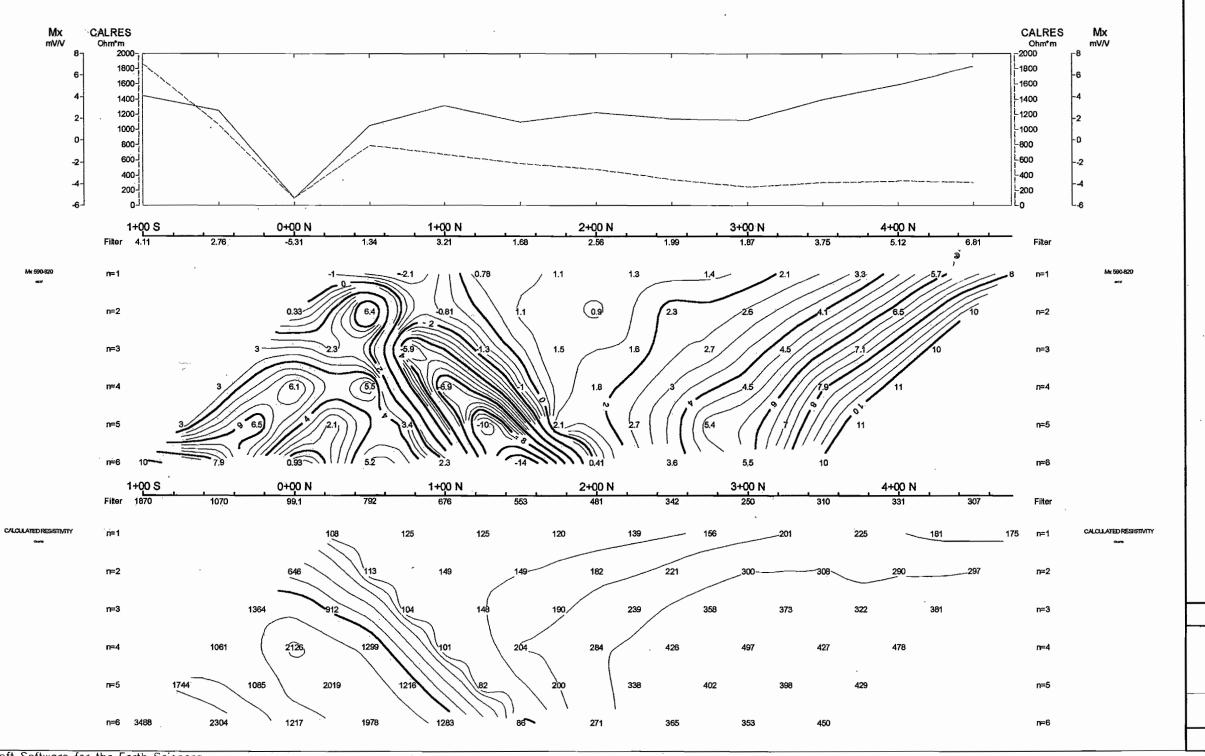
GOLDEN HARKER PROPERTY

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Date: 23/01/2005 Interpretation: B.PATRIE

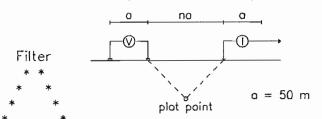
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Geosoft Software for the Earth Sciences



Pseudo Section Plot 8+12 W

Dipole-Pole Array



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

INTERPRETATION

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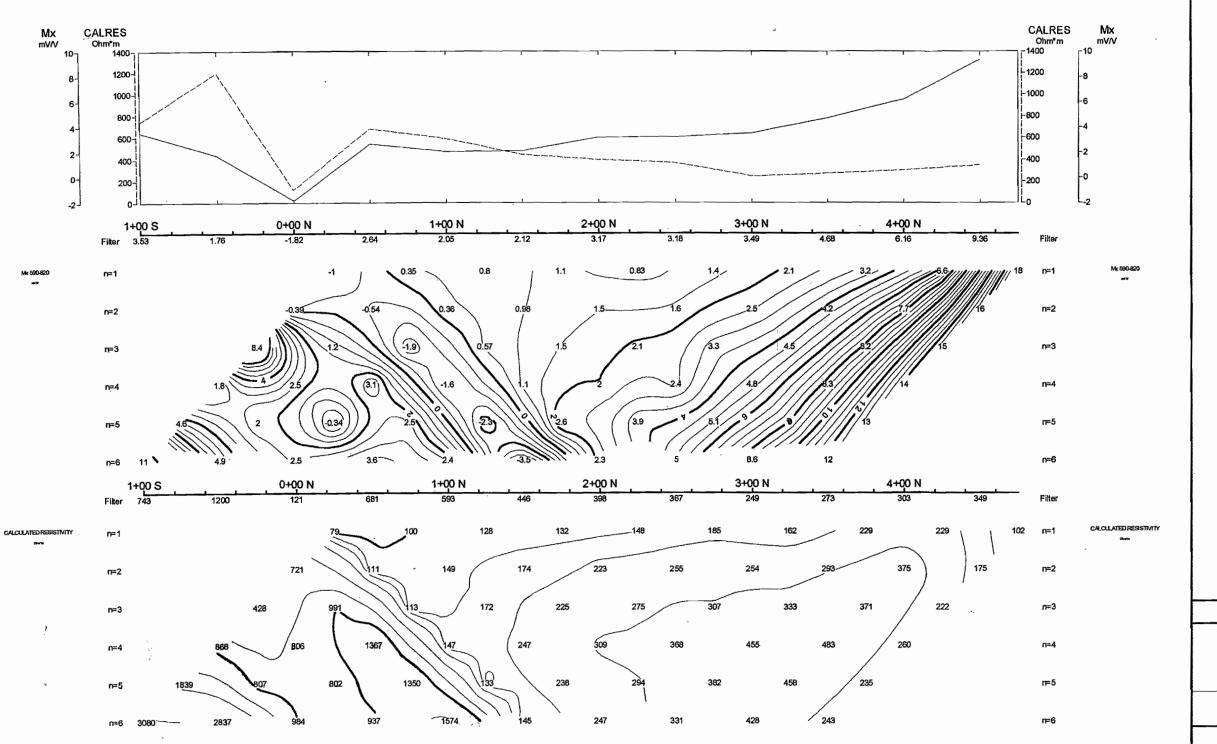
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INDUCED POLARIZATION SURVEY

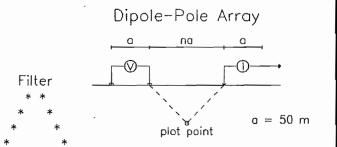
GOLDEN HARKER PROPERTY

a=50

Date: 23/01/2005 Interpretation: B.PATRIE



Pseudo Section Plot



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

INTERPRETATION

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GOLDEN HARKER

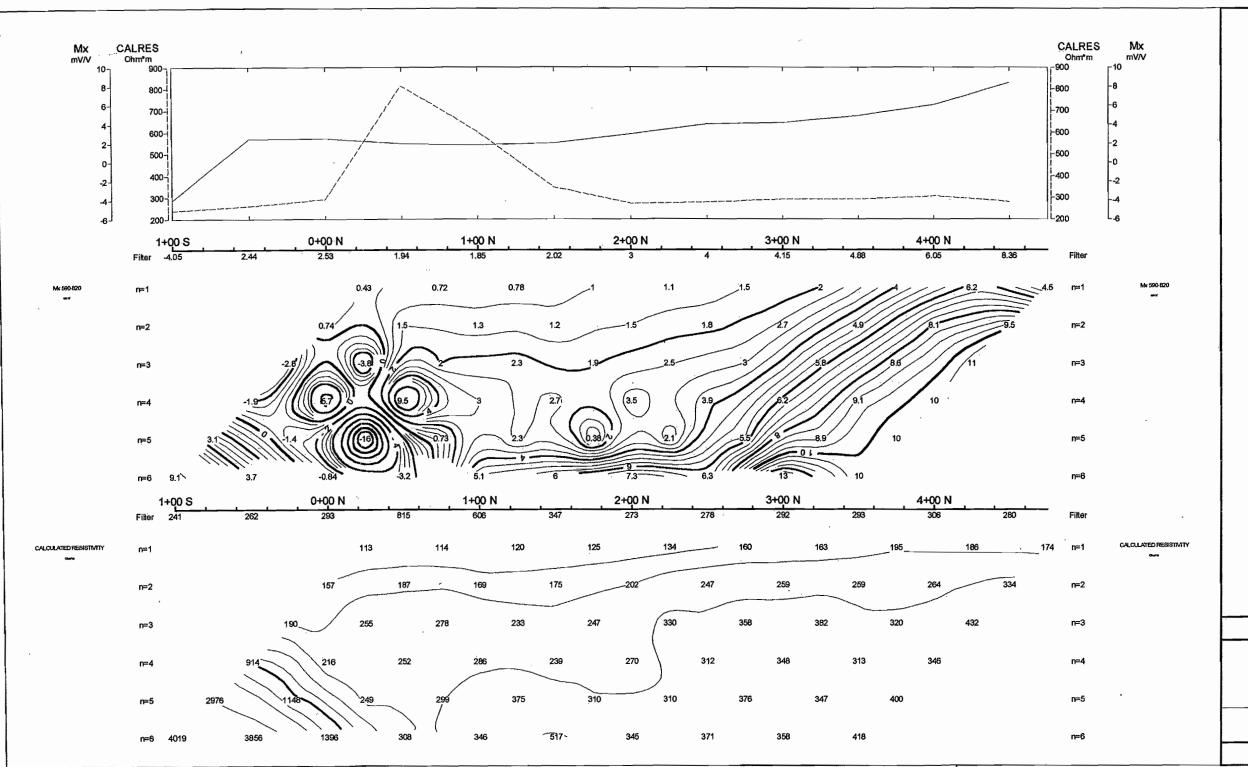
INDUCED POLARIZATION SURVEY

GOLDEN HARKER PROPERTY

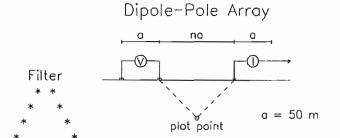
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Date: 23/01/2005 Interpretation: B.PATRIE





Pseudo Section Plot 9+37 W



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

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GOLDEN HARKER

INDUCED POLARIZATION SURVEY

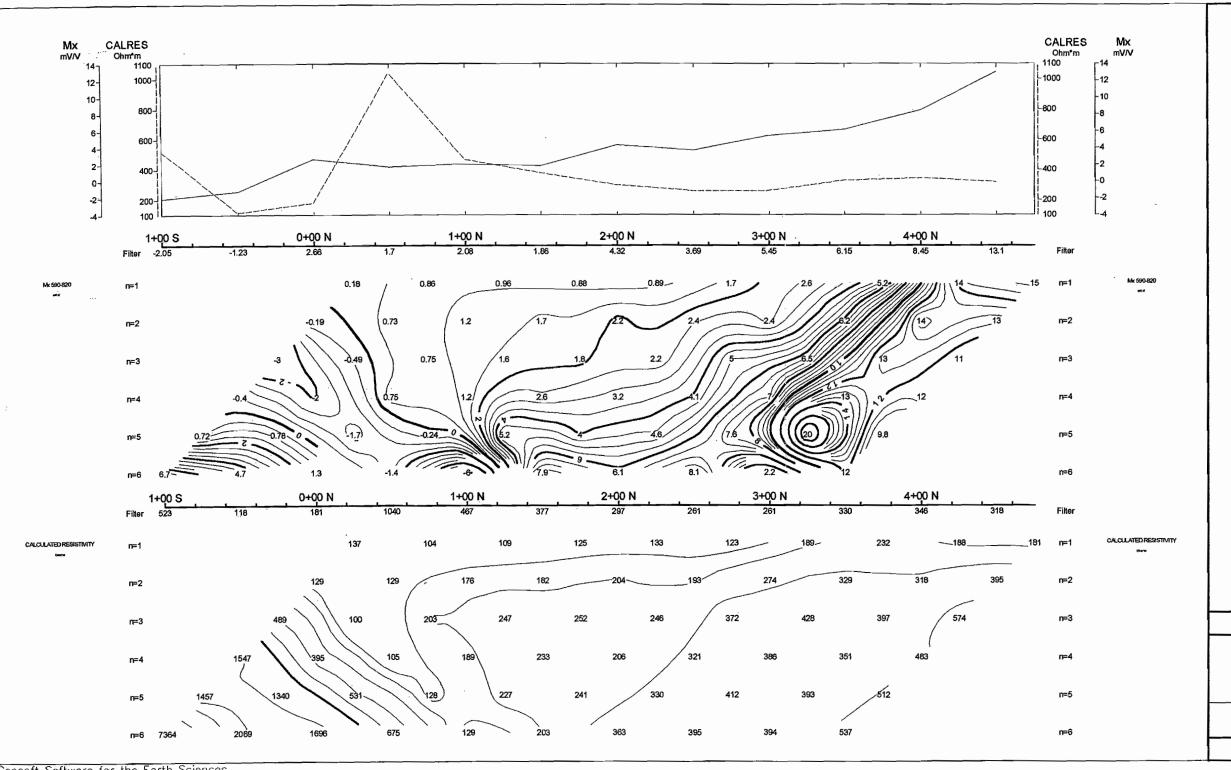
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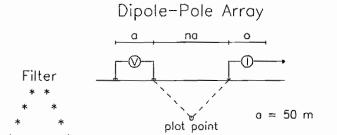
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4.20883



Pseudo Section Plot 10+00 W



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

INTERPRETATION

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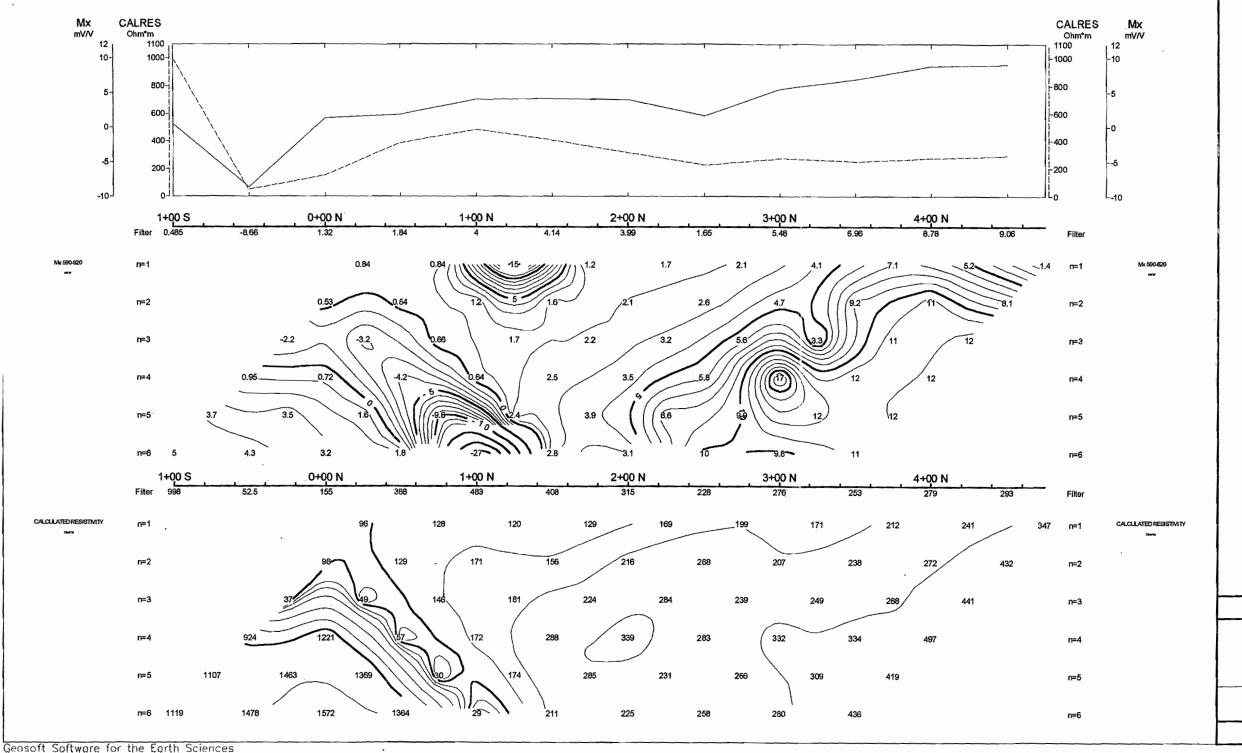
GOLDEN HARKER

INDUCED POLARIZATION SURVEY GOLDEN HARKER PROPERTY a = 50

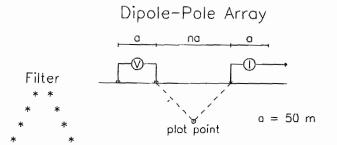
Date: 23/01/2005 Interpretation: B.PATRIE

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Pseudo Section Plot 10+62 W



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

INTERPRETATION

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GOLDEN HARKER

INDUCED POLARIZATION SURVEY

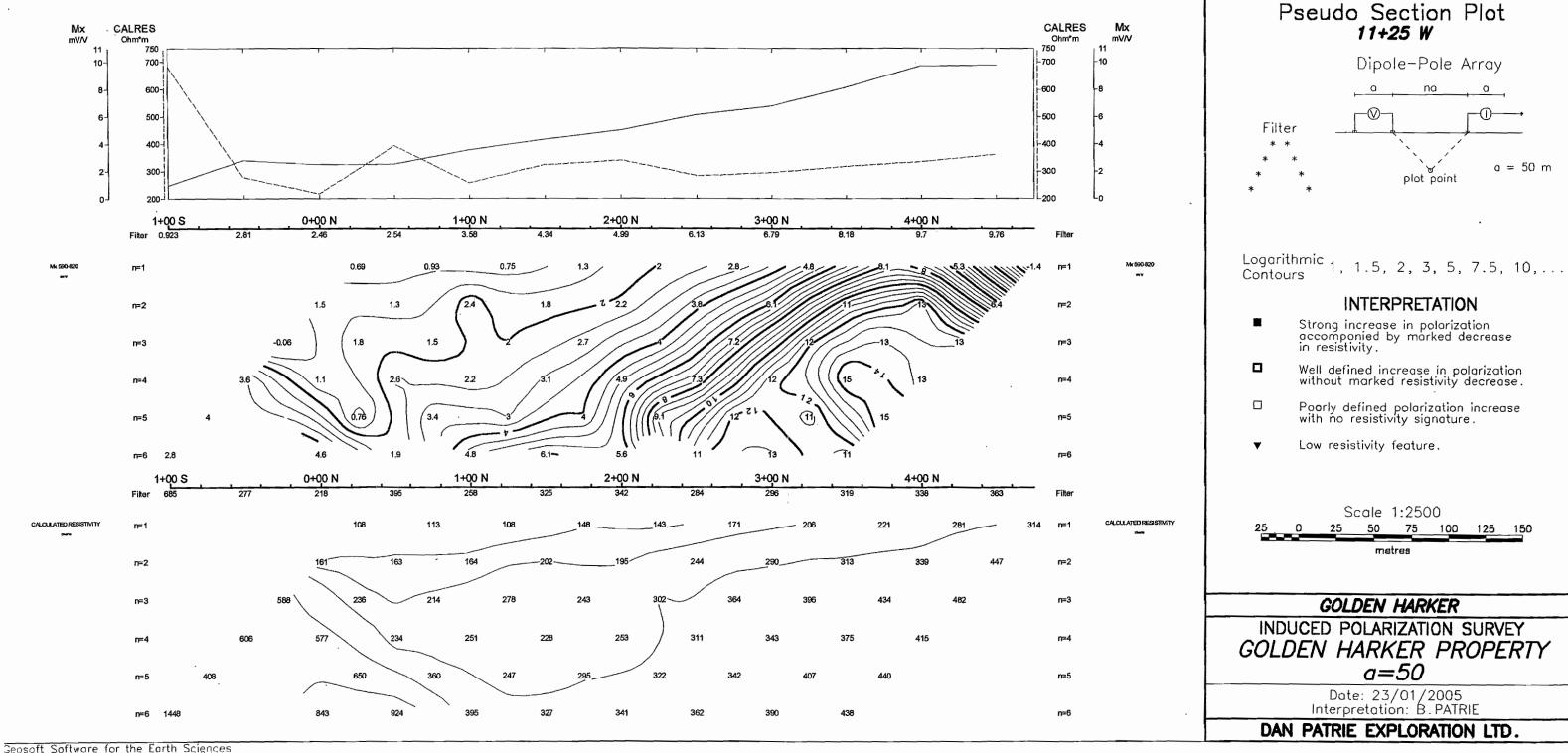
GOLDEN HARKER PROPERTY

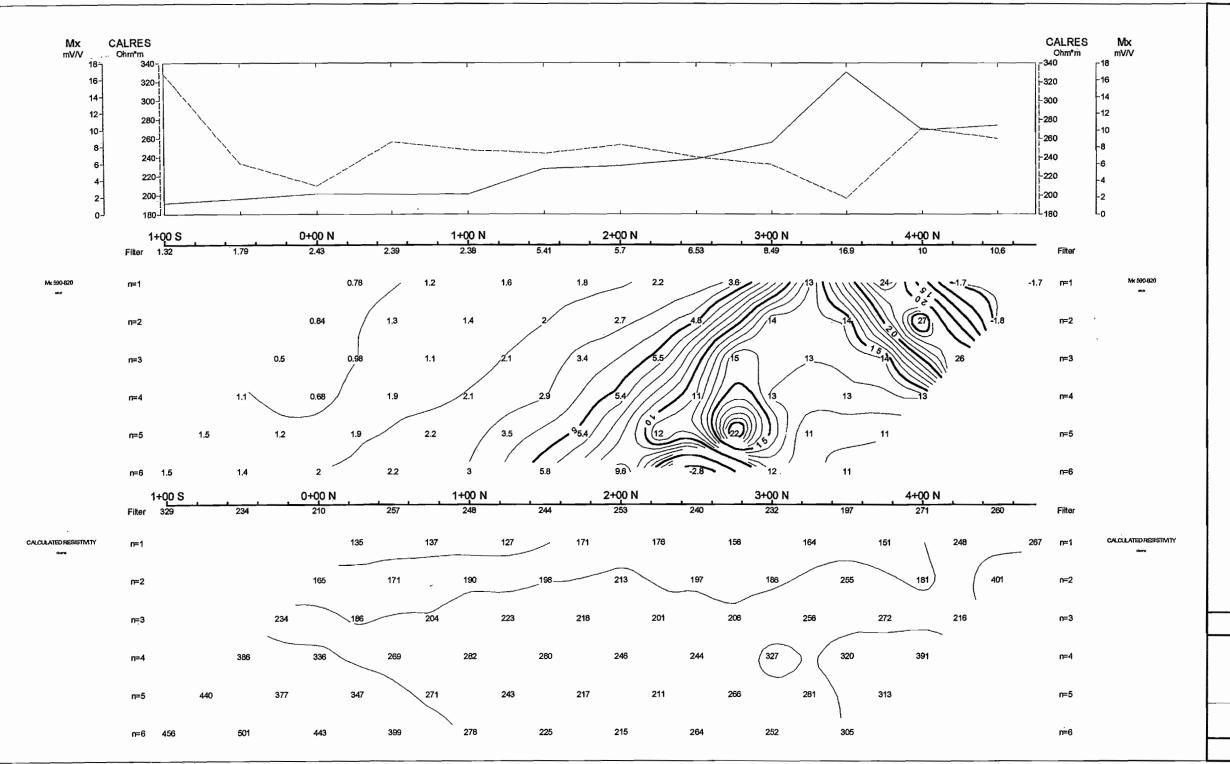
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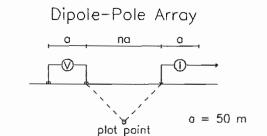
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Pseudo Section Plot

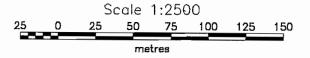
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Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,...

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GOLDEN HARKER

INDUCED POLARIZATION SURVEY

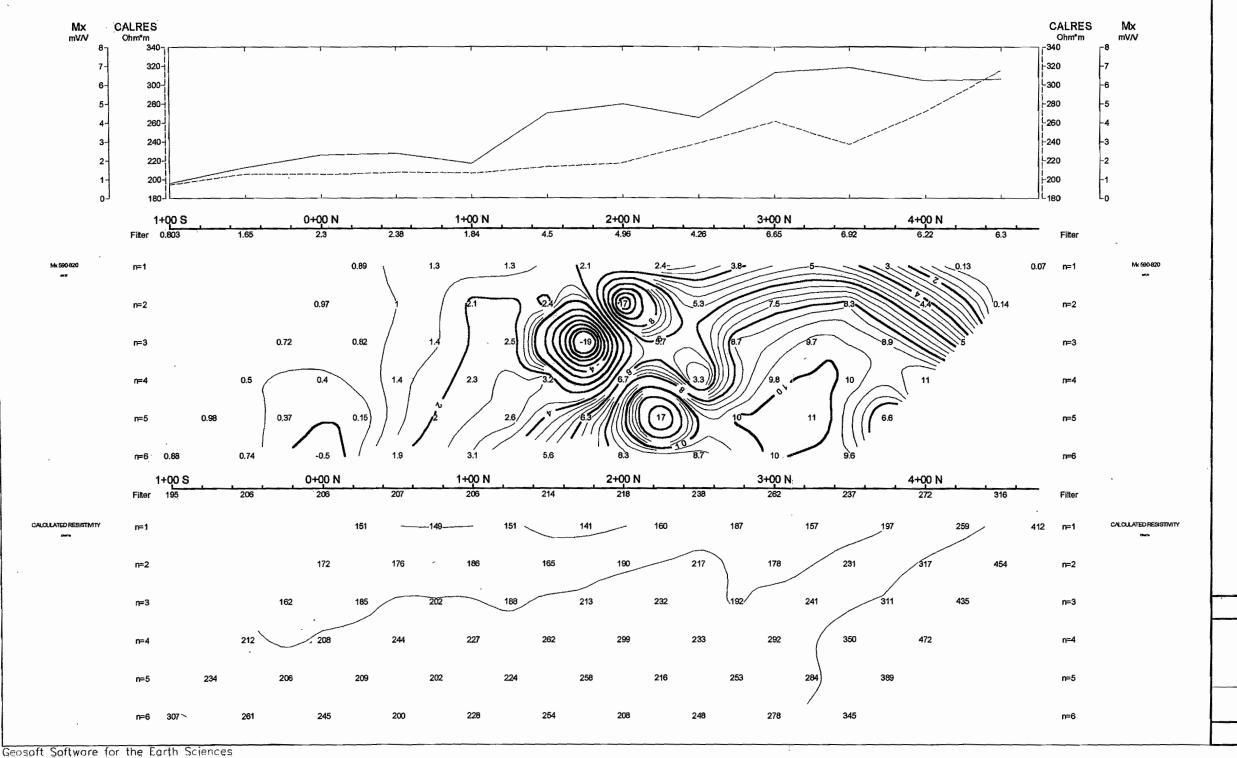
GOLDEN HARKER PROPERTY

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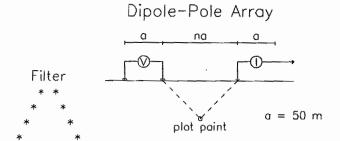
Date: 23/01/2005 Interpretation: B.PATRIE

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Pseudo Section Plot 12+50 W



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

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GOLDEN HARKER

INDUCED POLARIZATION SURVEY

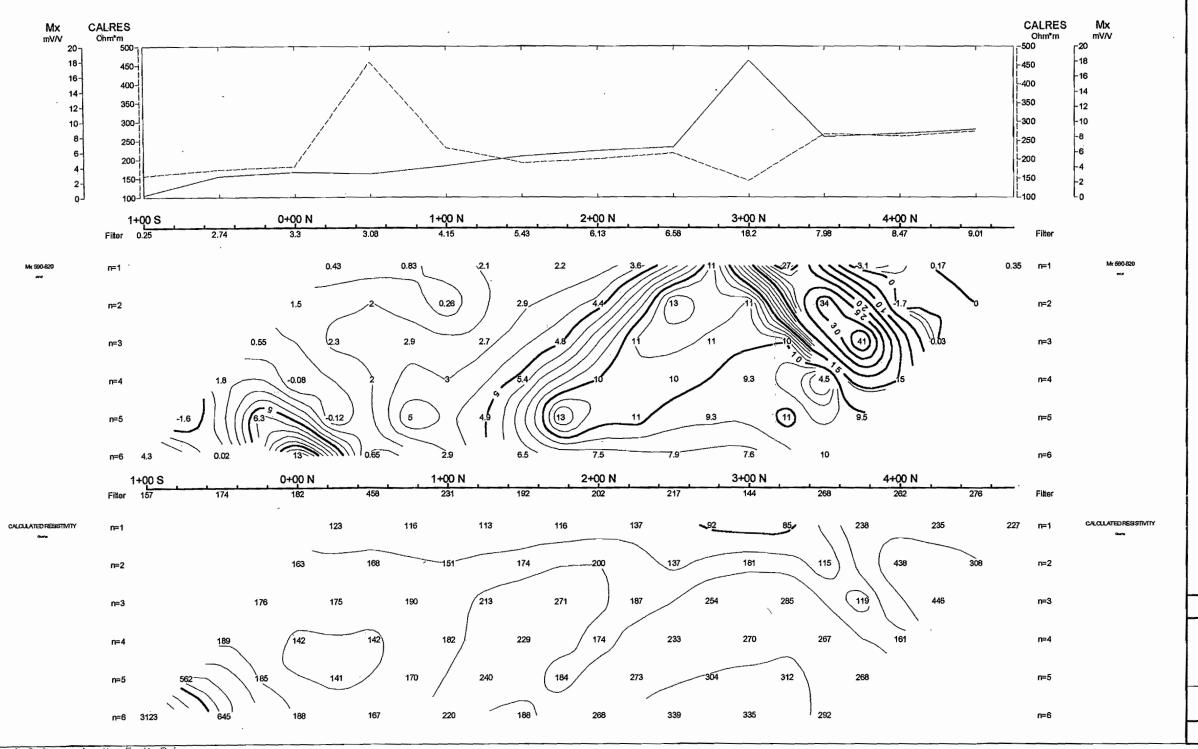
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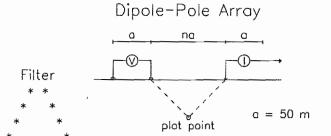
Date: 23/01/2005 Interpretation: B.PATRIE

DAN PATRIE EXPLORATION LTD.

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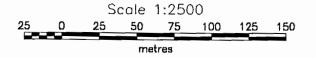
Pseudo Section Plot 13+12 W



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

INTERPRETATION

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- Low resistivity feature.



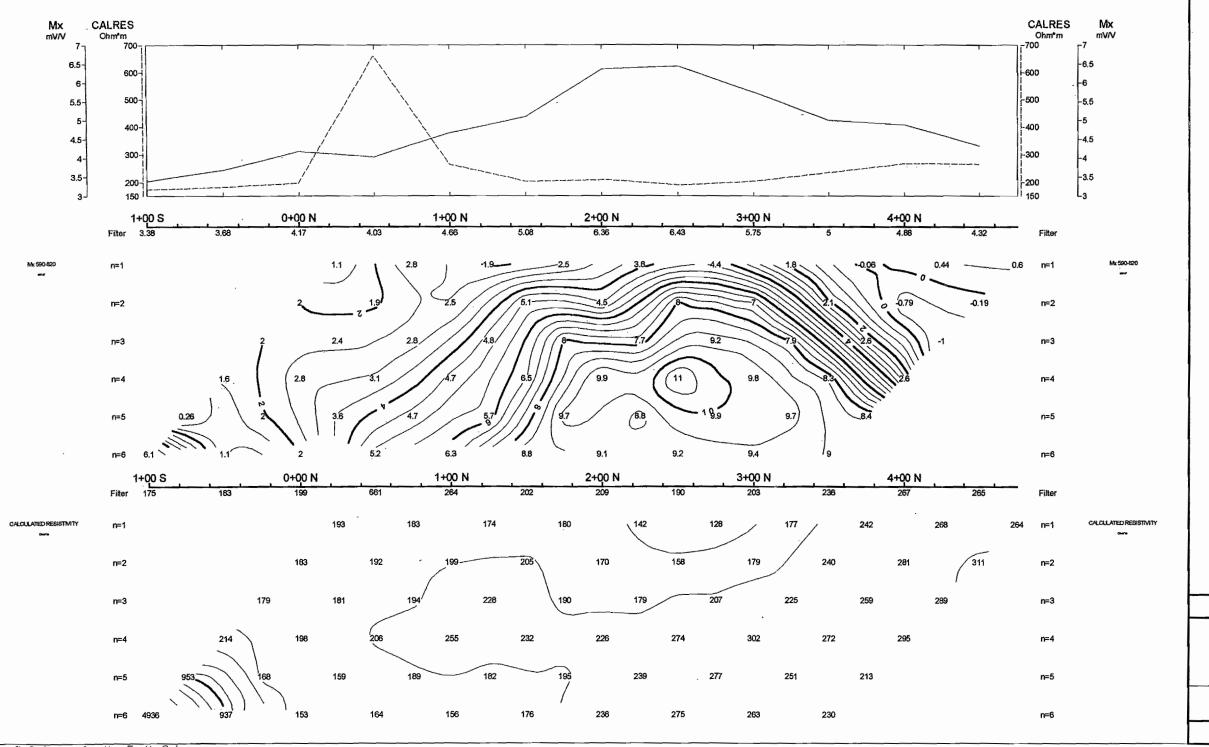
GOLDEN HARKER

INDUCED POLARIZATION SURVEY

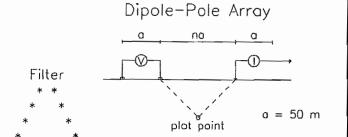
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Date: 23/01/2005 Interpretation: B.PATRIE



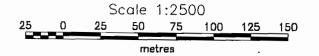
Pseudo Section Plot



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

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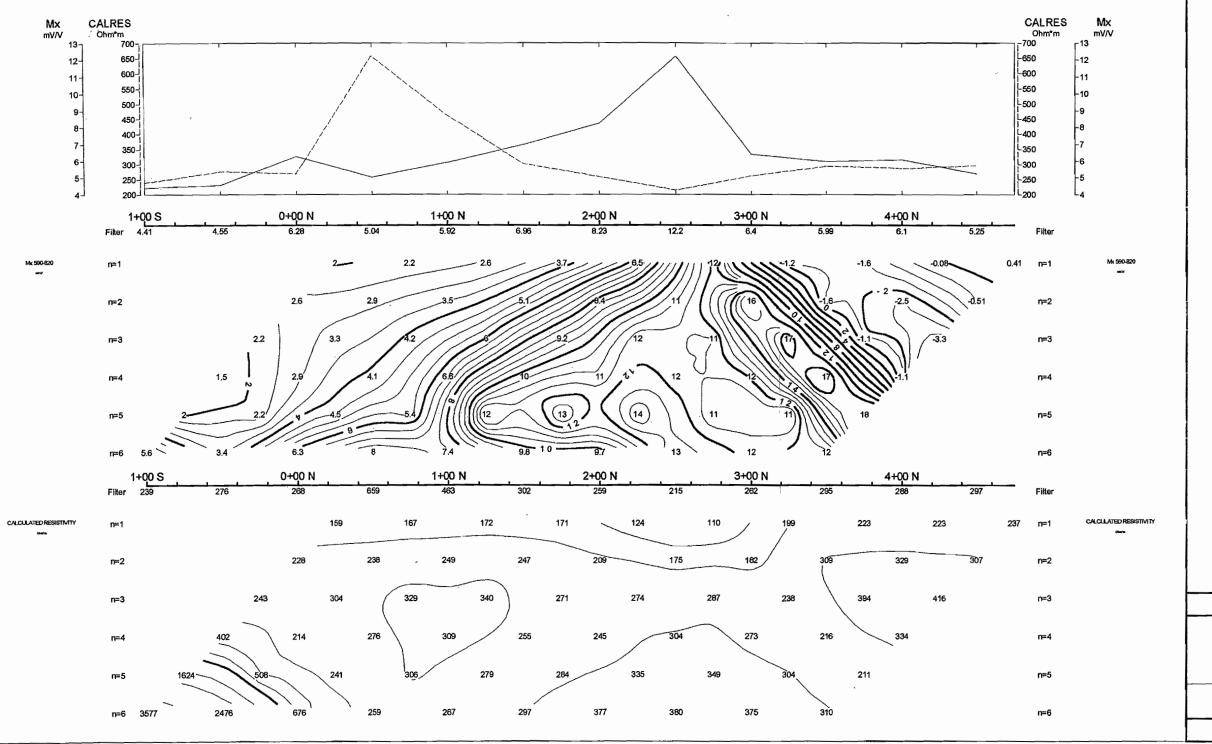
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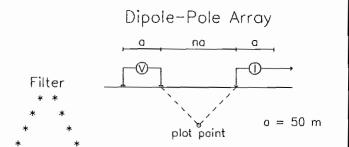
GOLDEN HARKER PROPERTY

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Date: 23/01/2005 Interpretation: B.PATRIE



Pseudo Section Plot 14+37 W



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

INTERPRETATION

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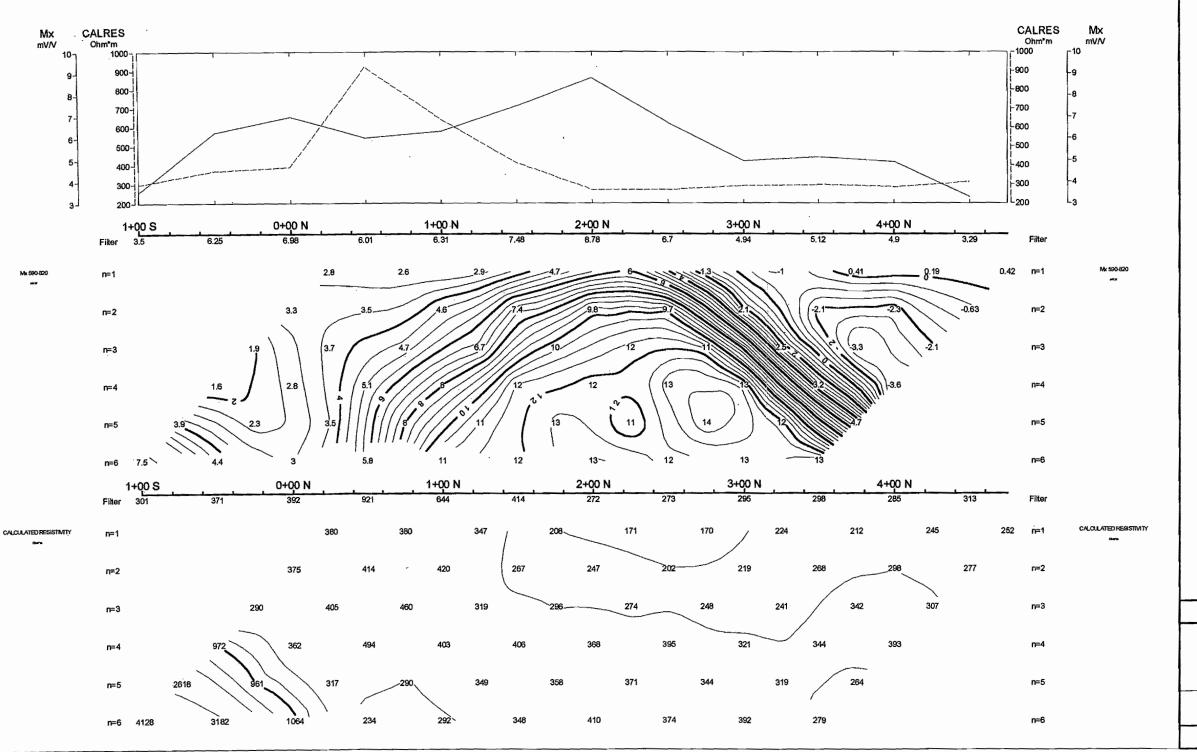
GOLDEN HARKER

INDUCED POLARIZATION SURVEY

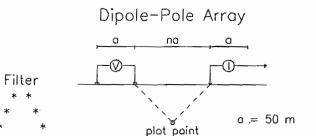
GOLDEN HARKER PROPERTY

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Date: 23/01/2005 Interpretation: B.PATRIE



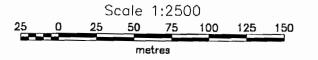
Pseudo Section Plot 15+00 W



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

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GOLDEN HARKER

INDUCED POLARIZATION SURVEY

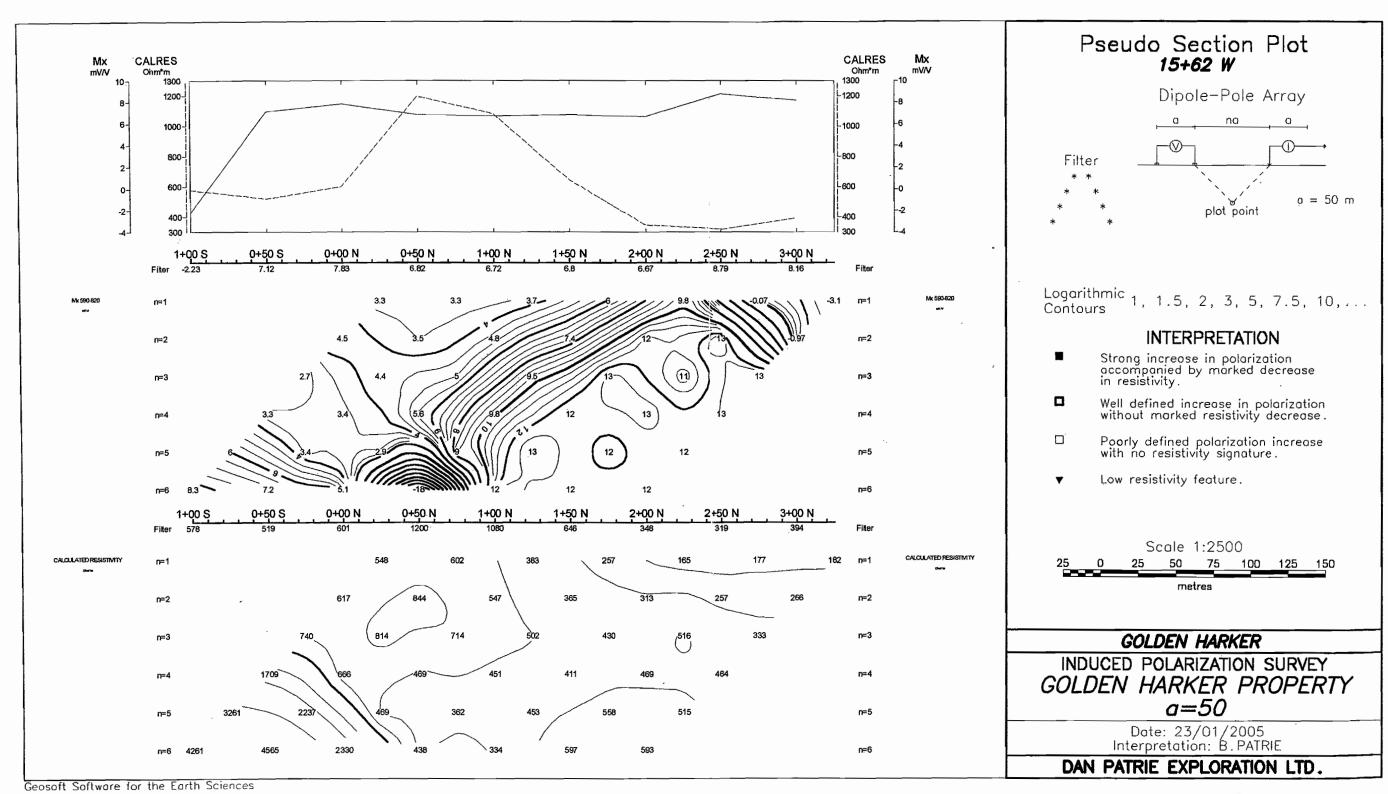
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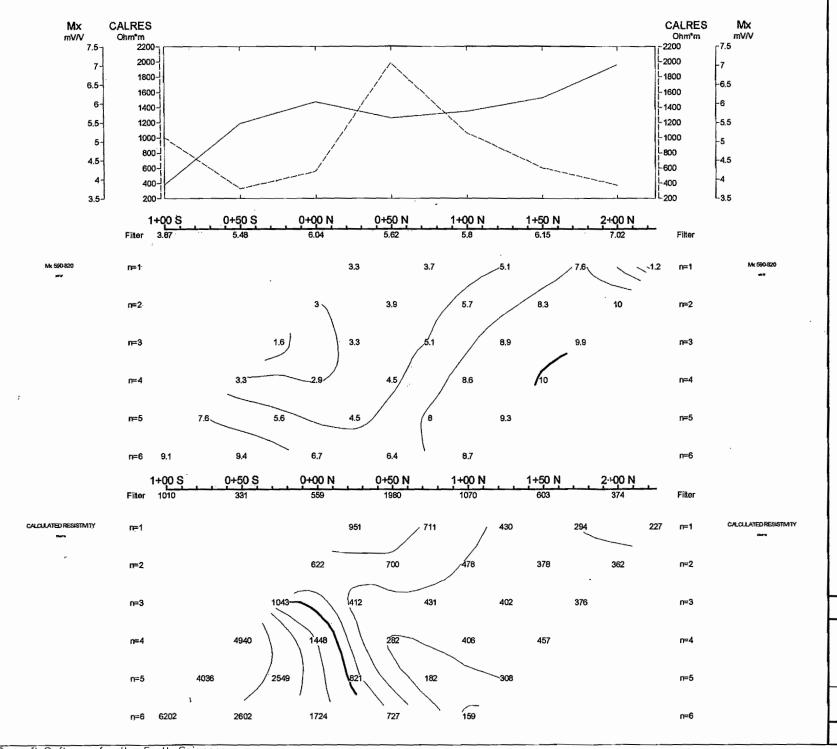
Date: 23/01/2005 Interpretation: B.PATRIE

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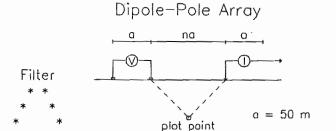
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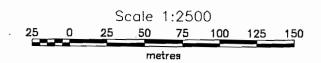
Pseudo Section Plot 16+25 W



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

INTERPRETATION

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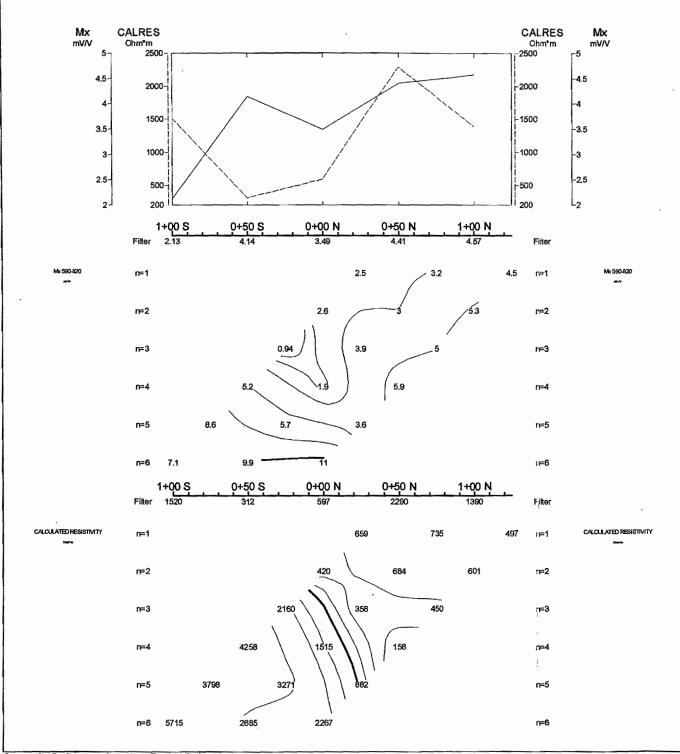


GOLDEN HARKER

INDUCED POLARIZATION SURVEY
GOLDEN HARKER PROPERTY
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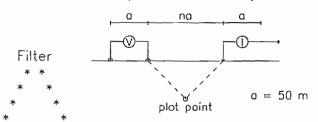
Date: 23/01/2005 Interpretation: B.PATRIE

DAN PATRIE EXPLORATION LTD.



Pseudo Section Plot

Dipole-Pole Array



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

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INDUCED POLARIZATION SURVEY

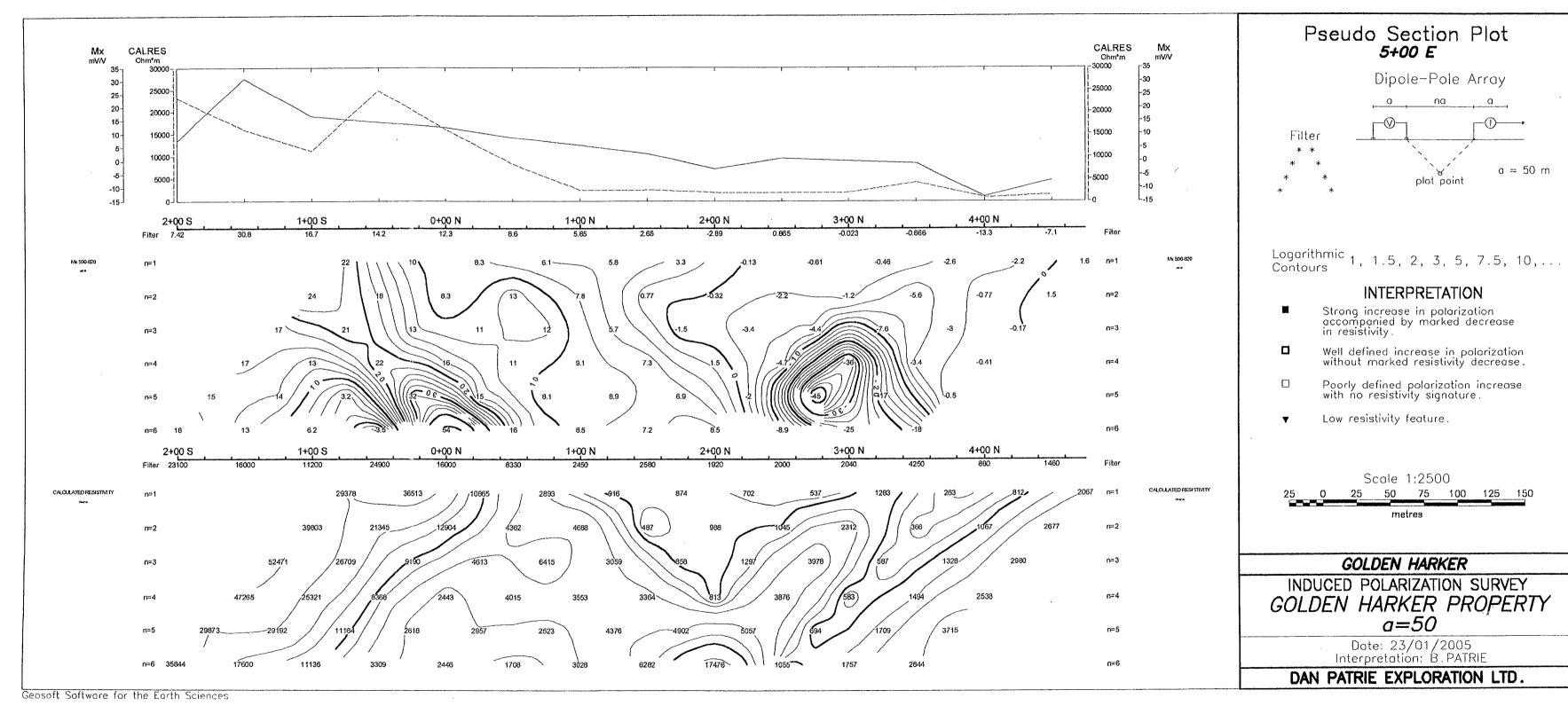
GOLDEN HARKER PROPERTY

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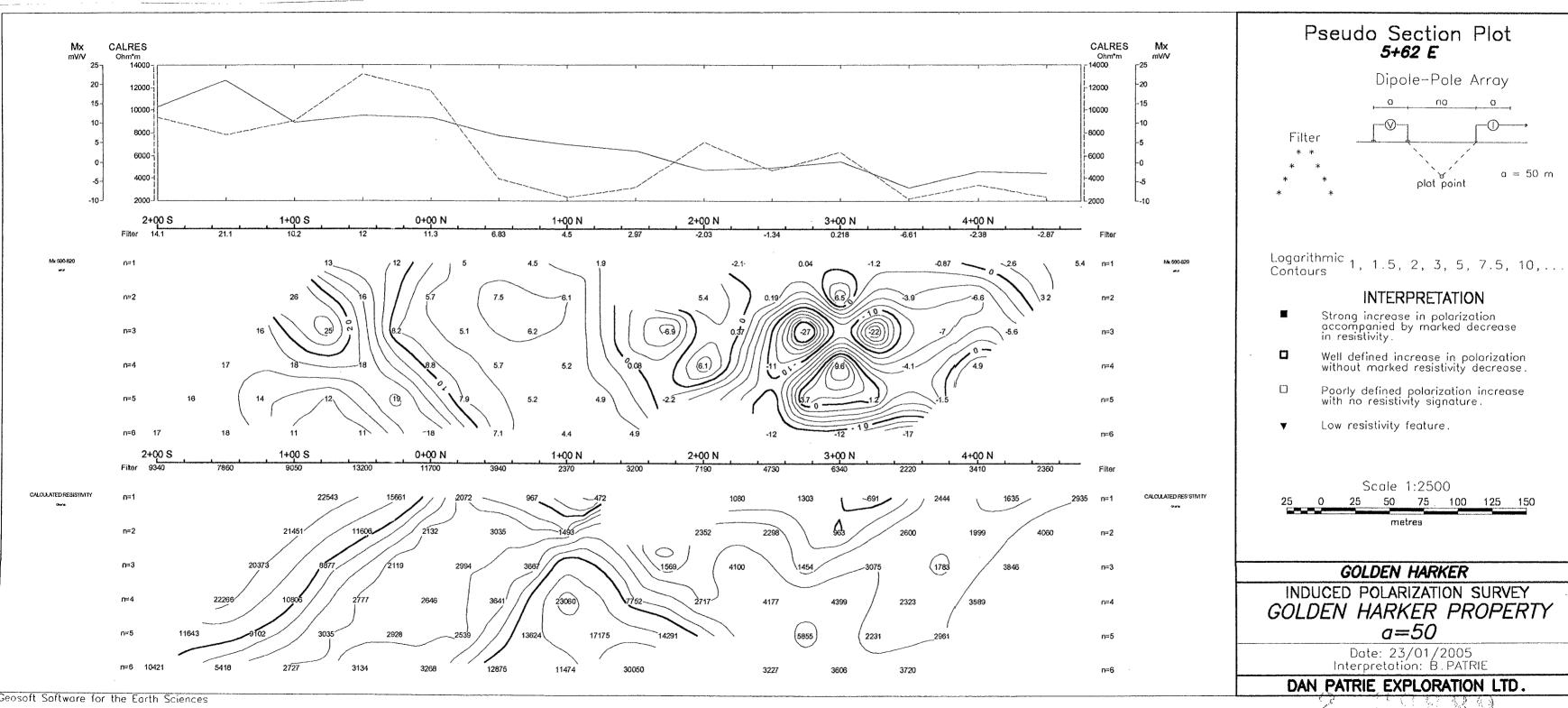
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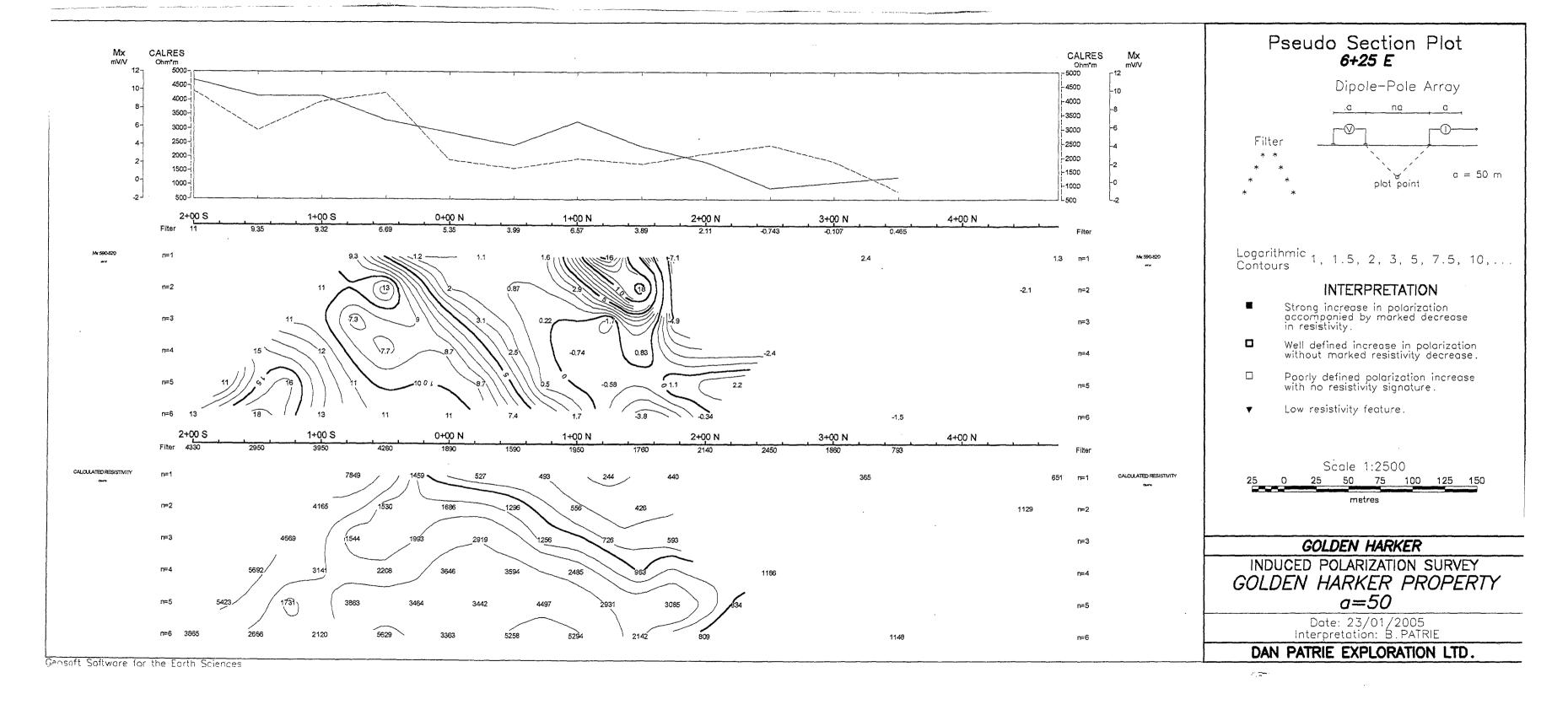
DAN PATRIE EXPLORATION LTD.

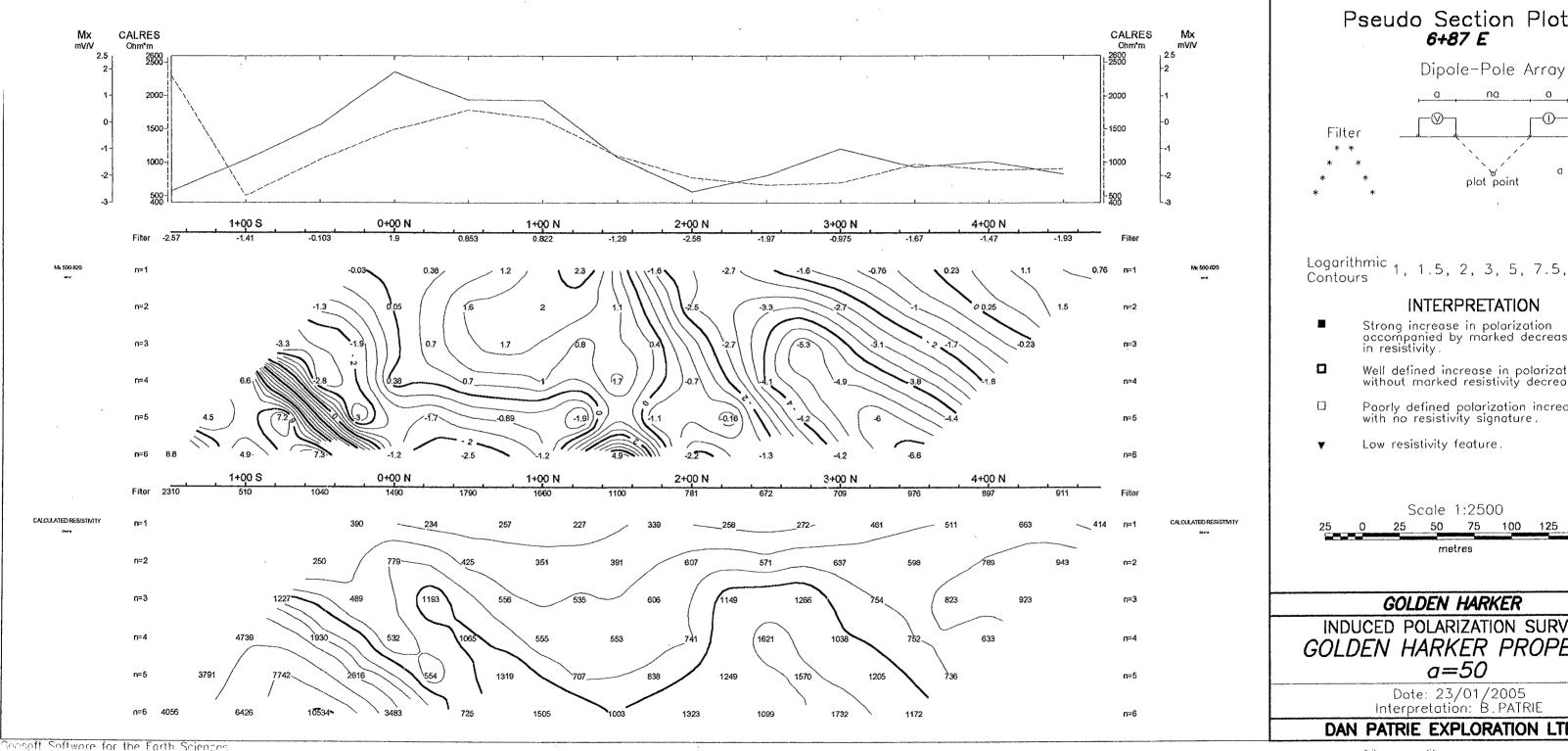
Geosoft Software for the Earth Sciences



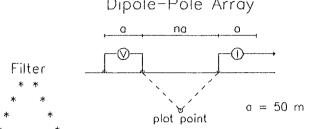
2.28889







Pseudo Section Plot



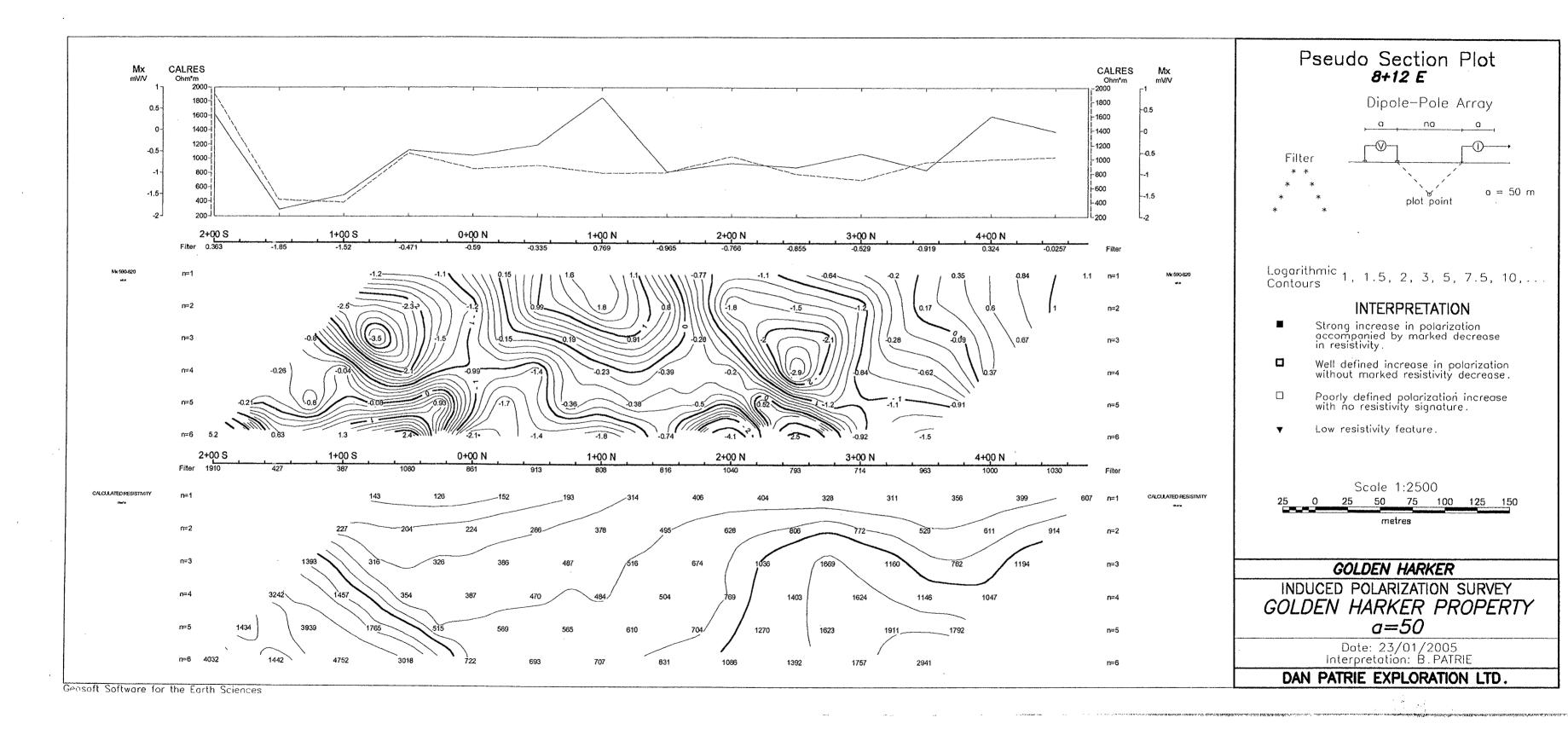
Logarithmic 1, 1.5, 2, 3, 5, 7.5, 10,...

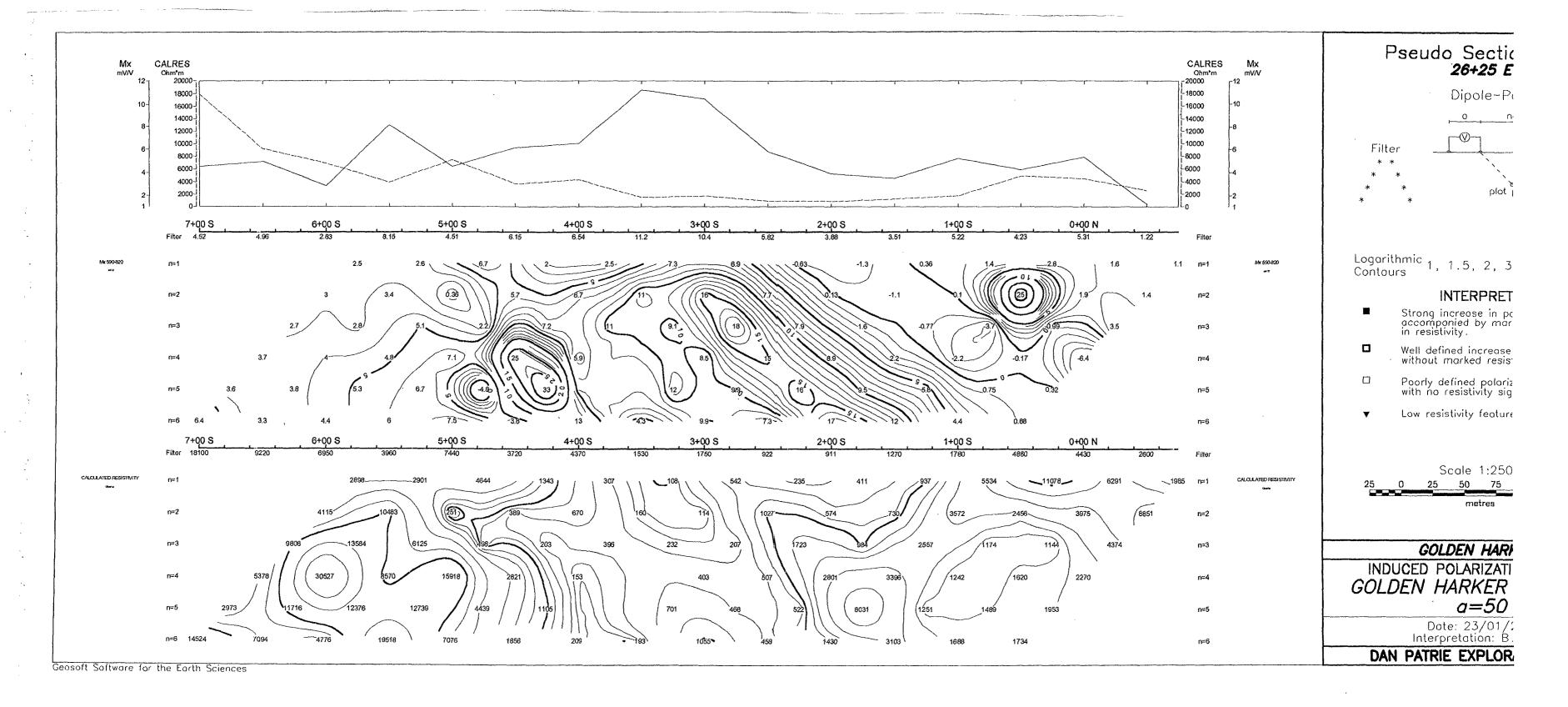
- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Paorly defined polarization increase with no resistivity signature.

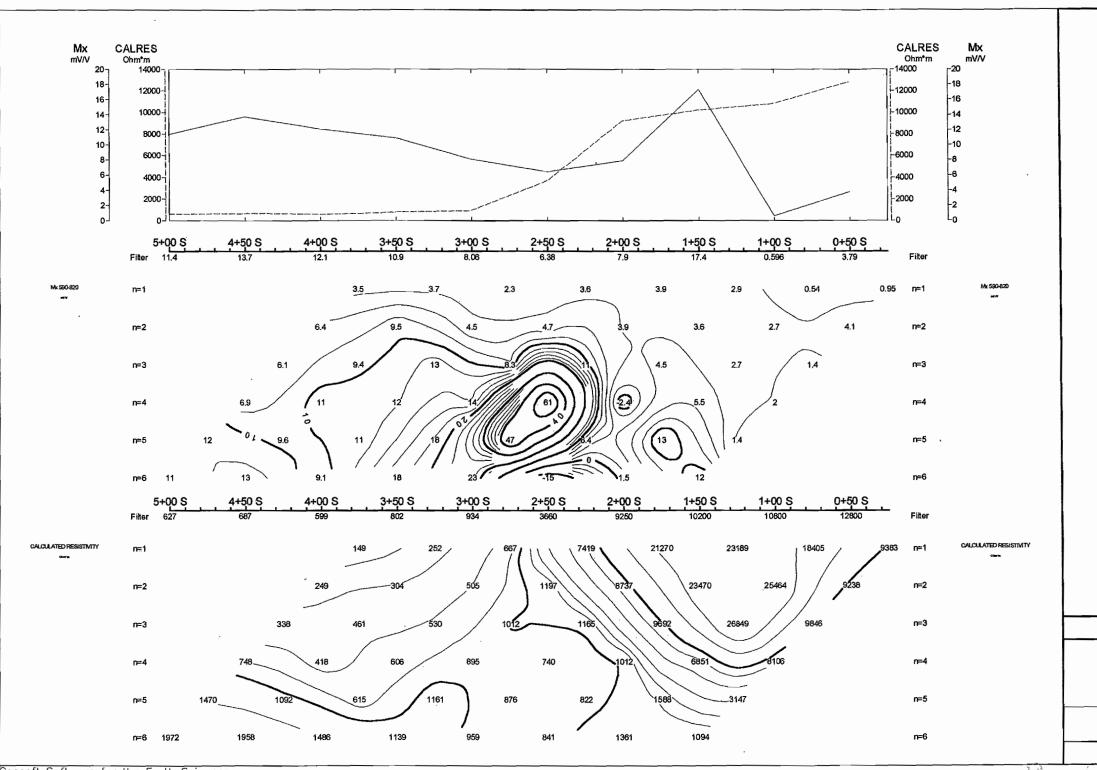


INDUCED POLARIZATION SURVEY GOLDEN HARKER PROPERTY



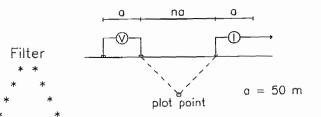






Pseudo Section Plot 27+50 E

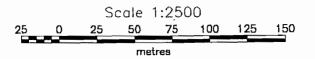
Dipole-Pole Array



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

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- Low resistivity feature.



GOLDEN HARKER

INDUCED POLARIZATION SURVEY

GOLDEN HARKER PROPERTY

a=50

Date: 23/01/2005 Interpretation: B.PATRIE

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APPENDIX D

GEOPHYSICAL COMPILATION AND INTERPRETATION MAP



