



PHOENIX GEOPHYSICS LIMITED

REPORT ON THE

INDUCED POLARIZATION AND RESISTIVITY SURVEY

ON THE

LARA PROPERTY

VICTORIA MINING DIVISION, BRITISH COLUMBIA

FOR

ABERFORD RESOURCES LIMITED

Latitude: 48°53'N

Longitude: 123°52'W

N.T.S.: 92B/13

CLAIMS: Fang, Silver 1, Silver 2, Solly, T.L.

OWNER: Laramide Resources Limited

OPERATOR: Aberford Resources Limited

ΒY

PAUL A. CARTWRIGHT, B.Sc.

FEBRUARY 14, 1983

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1. INTRODUCTION

An Induced Polarization and Resistivity survey has been carried out on behalf of Aberford Resources Limited on the Lara property, Victoria Mining Division, British Columbia. The property is located at about 48°53' North Latitude and 123°52' West Longitude, approximately 16 kilometers northwest of Duncan, British Columbia (Figures 1 and 2).

A paved road from Duncan passes near the base of Mt. Sicker. Access to the grid is via old logging roads which traverse Mt. Sicker.

Since the 1800's economic mineralization has been noted in the Mt. Sicker area. Near the center of the Silver 2 claim a small massive sulphide-type showing is partly exposed along an old road cut. The present IP survey is a continuation of work started in late 1981 around the known showing. Results of the earlier IP work are outlined in a report by DiSpirito and Cartwright, dated January 10, 1982.

Field work was carried out in October and November of 1982, using a Phoenix Model IPV-1 IP and Resistivity receiver unit in conjunction with a Phoenix Model IPT-1 IP and Resistivity transmitter unit, recording the polarizability as percent frequency effect (P.F.E.) between frequencies of 4.0 Hertz and 0.25 Hertz. Apparent resistivity measurements are normalized in units of ohm-meters, while metal factor values are calculated according to the formula: M.F. = (PFE x 1000/Apparent Resistivity. Dipole-Dipole array was used exclusively, with a basic inter-electrode distance of 50 meters. Some detailed measurements were also completed using 25 meter dipoles. Four dipole separations were recorded in every case.

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The field work was conducted under the supervision of Mr. John Marsh, geophysical crew leader, whose certificate is attached to this report.

2. DESCRIPTION OF CLAIMS

The Lara property consists of 5 claims as outlined below.

| CLAIM NAME | UNITS | RECORD NUMBER | DATE RECORDED |
|------------|-------|------------------|---------------|
| Fang | 20 | 534 | 8 May 1981 |
| Silver 1 | 9 | 535 | 8 May 1981 |
| Silver 2 | 12 | 536 | 8 May 1981 |
| Solly | 9 | 537 | 8 May 1981 |
| T.L. | 20 | 538 | 8 May 1981 |

The claims are owned by Laramide Resources Limited, and operated by Aberford Resources Limited.

3. PRESENTATION OF DATA

The Induced Polarization and Resistivity data are shown on the following data plots in the manner described in the notes attached to this report (Part B).

| LINE | ELECTRODE INTERVAL | DWG.NO. |
|--------|--------------------|-----------|
| 70+00W | 50 meters | IP 5829-1 |
| 66+00W | 50 meters | IP 5829-2 |
| 66+00W | 50 meters | IP 5829-3 |
| 62+00W | 50 meters | IP 5829-4 |
| 62+00W | 50 meters | IP 5829-5 |
| 58+00W | 50 meters | IP 5829-6 |

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| LINE | ELECTRODE INTERVAL | DWG.NO. |
|--------|--------------------|------------|
| 58+00W | 25 meters | IP 5829-7 |
| 58+00W | 25 meters | IP 5829-8 |
| 58+00W | 25 meters | IP 5829-9 |
| 54+00W | 50 meters | IP 5829-10 |
| 50+00W | 50 meters | IP 5829-11 |
| 46+00W | 50 meters | IP 5829-12 |
| 40+00W | 50 meters | IP 5829-13 |
| 38+00W | 50 meters | IP 5829-14 |
| 36+00W | 50 meters | IP 5829-15 |
| 34+00W | 50 meters | IP 5829-16 |
| 32+00W | 25 meters | IP 5829-17 |
| 28+00W | 25 meters | IP 5829-18 |
| 26+00W | 50 meters | IP 5829-19 |
| 24+00W | 50 meters | IP 5829-20 |
| 22+00W | 50 meters | IP 5829-21 |
| 18+00W | 50 meters | IP 5829-22 |
| 14+00W | 50 meters | IP 5829-23 |

Also enclosed with this report is Dwg. I.P.P.-B-4026, a plan map of the surveyed grid at a scale of 1:10,000. The definite, probable and possible Induced Polarization anomalies are indicated by bars, in the manner shown on the legend, on this plan map as well as on the data plots. These bars represent the surface projection of the anomalous zones as interpreted from the location of the transmitter and receiver electrodes when the anomalous values were measured. Since the Induced Polarization measurement is essentially an averaging process, as are all potential methods, it is frequently difficult to exactly pinpoint the source of an anomaly. Certainly, no anomaly can be located with more accuracy than the electrode interval length, i.e., when using 50 meter electrode intervals the position of a narrow sulphide body can only be determined to lie between two stations 50 meters apart. In order to definitely locate, and fully evaluate, a narrow, shallow source, it is necessary to use shorter electrode intervals. In order to locate sources ar some depth, larger electrode intervals must be used, with a corresponding increase in the uncertainties of location. Therefore, while the center of the indicated anomaly probably corresponds fairly well with the source, the length of the indicated anomaly along the line should not be taken to represent the exact edges of the anomalous material.

The grid information shown on Nwg. I.P.P.-B-4026 has been taken from maps made available by the staff of Aberford Resources Limited.

4. DESCRIPTION OF GEOLOGY

The Lara property is mainly underlain by deformed felsic rocks of the Paleozoic Sicker Series. Along the south edge of the claim block the volcanic rocks are in fault contact with sedimentary rocks of the Cretaceous, Nanaimo Formation.

The Sicker Series is host to several massive sulphide deposits. These deposits are associated with felsic volcanic rocks.

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5. DISCUSSION OF RESULTS

Eight separate anomalous IP zones are interpreted in the data recorded over the Lara grid.

In addition, a well defined resistivity contact is mapped striking roughly east-southeast across the southern ends of virtually all the grid lines. The low apparent resistivity values evident on the south side of the contact probably outline sedimentary rocks of the Nanaimo formation, while the Sicker series volcanic rocks to the north display apparent resistivity values an order of magnitude greater in intensity.

Each of the IP zones is discussed separately below, and is shown on plan map Dwg. No. I.P.P.-B-4026.

Zone A

The anomalous IP trend is indicated to arc across the northwestern corner of the survey grid. It is outlined by weakly to moderately anomalous IP effects as well as somewhat lower than usual resistivity values. Width of the source is quite large, in the order of 200 meters or more, while the depth of burial is shallow, i.e., much less than one dipole length (50 meters).

Results from Line 66W show the most anomalous readings in the interval 30+50N to 31+00N.

The homogeneous nature of the IP effects, suggests that a large volume of uniformly, but weakly mineralized rock is present.

IP Zone B

IP Zone B is probably caused by weak to moderate concentrations of generally disseminated mineralization. The zone is presently undefined west of Line 70W, and east of Line 58W, at which point the source appears to be depth limited. Detail work using 25 meter dipoles has been completed in the vicinity of the zone on Line 58W. This data has been computer inverted to find the best fitting model, and the results are shown on Figure 3. A depth to the top of approximately 6 meters, and a depth extent of 17 meters are indicated, centered at approximately Station 21+52N.

IP Zone C

Very weakly anomalous results constitute this trend, which is seen only on Line 70W and Line 66W. The source is open to the west. Width of the zone is less than 50 meters, while the depth is much less than 50 meters. The response is so weak that shorter dipole measurements are required to confirm the presence of an anomalous source.

IP Zone D

The most interesting results recorded over Zone D are noted on Line 58+00W. Detail surveying on this line suggests the presence of moderate concentrations of mostly disseminated or stringered mineralization, as indicated by the small resistivity contrast between the source and host rocks. The true width of the zone is in the order of two dipole lengths (50 meters), centered at approximately station 1600N.

Another, possibly separate zone of weaker IP effects may be present immediately to the north of the main zone discussed above. An additional detail survey would be required to confirm the presence of a separate source.

IP Zone E, IP Zone F

IP Zone E is interpreted as a separate feature lying just north of IP Zone F, between the vicinity of Line 66+00W to possibly as far east

COMPUTED MODEL

SPONSOR : ABERFORD RESOURCES LTD. DATA : IP AREA : LARA PROPERTY LINE : 58W

FINAL MODEL FOR DATA SET 1

DESERVED DATA





as the vicinity of Line 46+00W, while Zone F can be seen extending across the entire grid, as a well defined region of moderate to highly anomalous IP effects. Apparent resistivity values within this latter zone are, at times, two to three times lower than the surrounding areas; however, in the majority of cases, much less contrast is encountered. It would appear that the source of IP Zone F is composed of a band of disseminated or stringered mineralization in excess of 100 meters in width, with sporadic, much narrower bands of more massive mineralization, set within this mineralized matrix.

It is difficult to recommend one part of such a long zone as being a more interesting location for further investigation than another; however, particularly anomalous results are evident on Line 38+00W, in the interval between Station 500N and Station 550N. Depth to the source is everywhere indicated to be considerably less than one dipole length (50 meters).

IP Zone G

This zone is detected to lie just south of, and parallel to, IP Zone F, and is marked to extend from the area of Line 58+00W to beyond Line 66+00W, at which point the zone is undefined. Weakly anomalous results form the zone except in the vicinity of Line 58+00W, where the IP readings are much higher in magnitude.

Detail surveying using 25 meter dipoles has been completed over the zone on Line 58+00W, and the pattern formed by the data suggests the source is quite uniformly mineralized, and buried at a very shallow depth, i.e., much less than 25 meters subsurface. Center of the anomaly is at approximately Station 900N.

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IP Zone H

The source of IP Zone H is interpreted to lie along the southern margin of Zone F, between Line 36+00W and Line 28+00W. A mineralized showing apparently outcrops very close to the axis of the IP zone on Line 3+00W.

The reader is referred to a previous report by F. DiSpirito, and P. Cartwright dated January 10, 1982, which illustrates and describes the 50 meter dipole data recorded previously on Line 32+00W, Line 30+00W, and Line 28+00W.

The most anomalous results recorded within the zone are outlined by 25 meter dipole data measured over Line 32+00W.

A computer inversion of the data has been carried out and the results are shown as Figure 4. Center of the source is approximately 72N, while the depth extent is computed to be less than 25 meters (approximately 22m), using a width of 25 meters. IP effects are moderately high in magnitude, with a wide range of apparent resistivity values being evident. Even smaller dipole lengths would have to be used to fully assess the significance of the resistivity pattern. The inversion suggests a depth to the top of the source of less than 5 meters.

There may also be a separate, but weaker zone lying between IP Zone H and IP Zone F.

6. SUMMARY AND RECOMMENDATIONS

The Induced Polarization and Resistivity survey of the Lara property appears to have outlined the contact between the Sicker Series volcanic rocks and the Nanaimo Formation sedimentary rocks to the south.

COMPUTED MODEL

SPONSOR : ABERFORD RESOURCES LTD. DATA : IP AREA : LARA PROPERTY LINE : 32W

FINAL MODEL FOR DATA SET 1

DESERVED DATA





Eight zones of anomalous IP effects are also interpreted in the data, as well as a number of isolated responses. Recommendations regarding further work on each of the anomalous IP zones are discussed below.

<u>IP Zone A</u> - The source of this anomalous feature has apparently not been tested as yet by drilling or trenching. Detail surveying over the zone on Line 66+00W is recommended before further work is considered. <u>IP Zone B</u> - It appears that trenching has been carried out to test the source of this zone. If bedrock was reached in the trenches, and moderate concentrations of disseminated or stringered mineralization was encountered, no further work would be warranted.

<u>IP Zone C</u> - This very weakly anomalous trend should be confirmed by detailed measurements before any other work is considered.

<u>IP Zone D</u> - The cause of this zone may already have been tested by trenching. If this is not the case, trenching is recommended on Line 58+00W, between Station 15+60N and Station 16+25N. Alternatively, a drill hole positioned so as to pass 25 meters beneath Line 58+00W, Station 1600N is suggested.

<u>IP Zone E</u> - Detailed IP measurements are required to confirm the presence of IP Zone E. This work should initially be carried out on Line 62+00W and Line 46+00W, unless it is felt that the source has already been encountered by trenching.

<u>IP Zone F</u> - The western end of Zone F appears to have been tested by trenching. However, the strong response seen on Line 38+00W has apparently not been tested. Therefore detailed surveying is suggested if it became desirable to trench or drill the eastern part of Zone F.

Zone G - It seems as though the source of this feature has already been trenched on Line 58+00W. If this is the case, no further work is recommended.

<u>IP Zone H</u> - Trenching has apparently been carried out to ascertain the cause of IP Zone H. There is a possibility that another separate zone is present to the north of IP Zone H; however, the detail IP coverage should be extended northward to confirm this.

There are a number of isolated IP responses detected by the survey. Priority for follow-up work on these anomalies should be decided after correlation with other available information.

PHOENIX GEOPHYSICS LIMITED migN

Paul A. Cartwright, B.Sc. Geophysicist

Dated: February 14, 1983

ASSESSMENT DETAILS

| PROPERTY: Lara | | MINING DIVISION: Victoria |
|--|----------------------------|----------------------------------|
| SPONSOR: Aberford Resources Limite | PROVINCE: British Columbia | |
| LOCATION: Approximately 16 kilomet NW of Duncan, B.C. | ers | |
| TYPE OF SURVEY: Induced Polarization and Resistivity | on | |
| OPERATING MAN DAYS: | 41 | DATE STARTED: 29 October, 1982 |
| EQUIVALENT 8 HR.MAN DAYS: | 61.5 | DATE FINISHED: 24 November, 1982 |
| CONSULTING MAN DAYS: | 4 | NUMBER OF STATIONS: 533 |
| DRAFTING MAN DAYS: | 12 | NUMBER OF READINGS: 4703 |
| TOTAL MAN DAYS: | 77.5 | KM. OF LINE SURVEYED: 23.0 |
| | | |

CONSULTANTS:

P.A. Cartwright, 4238 W. 11th Avenue, Vancouver, B.C.

FIELD TECHNICIANS:

J. Marsh, 200 Yorkland Blvd., Willowdale, Ontario.

D. Daggett, 35 Falcon Crescent, Chelmsford, Ontario.

G. Montpetit, 200 Yorkland Blvd., Willowdale, Ontario.

DRAUGHTSMEN:

Ron Wakaluk, 7886 Vivian Drive, Vancouver, B.C.

PHOENIX GEOPHYSICS LIMITED

Paul A. Cartwright, B.Sc. Geophysicist

Dated: February 14, 1983

STATEMENT OF COST

Aberford Resources Limited

Induced Polarization and Resistivity Survey, Lara Property, Victoria Mining Division, British Columbia

October 29, 1982 to November 7, 1982 PERIOD: CREW: J. Marsh, G. Montpetit November 8, 1982 to November 24, 1982 PERIOD: CREW: J. Marsh, D. Daggett 20.5 Operating days @ \$650.00/day 4.5 Bad Weather Days @ \$325.00/day 2 Days Off 0 N.C. Meals \$ 61.30

Mobilization - demobilization

\$15,313.80

\$13,325.00

1,462.50

N.C.

61.30

465.00

PHOENIX GEOPHYSICS LIMITED an

Paul A. Cartwright, B.Sc. Geophysicist

Dated: February 14, 1983

CERTIFICATE

I, Paul A. Cartwright, of the City of Vancouver, Province of British Columbia, do hereby certify that:

- I am a geophysicist residing at 4238 West 11th Avenue, Vancouver, B.C.
- I am a graduate of the University of British Columbia, Vancouver, B.C. with a B.Sc. Degree.
- 3. I am a member of the Society of Exploration Geophysicists and the European Association of Exploration Geophysicists.
- 4. I have been practising my profession for 12 years.
- 5. I have no direct or indirect interest, nor do I expect to receive any interest directly or indirectly, in the property or securities of Aberford Resources Limited or any affiliate.
- 6. The statements made in this report are based on a study of published geological literature and unpublished private reports.
- 7. Permission is granted to use in whole or in part for assessment and qualification requirements but not for advertising purposes.

DATED AT VANCOUVER, B.C. This 14th day of February, 1983

Paul A. Cartwright, B.Sc.

CERTIFICATE

I, John Marsh, of the Municipality of North York, Ontario, Do hereby certify that:

- 1. I am a geophysical crew leader residing at 200 Yorkland Blvd., Willowdale, Ontario.
- 2. I am a graduate of the City of Norwich Technical College, U.K., ordinary National Certificate (Electrical Engineering).
- 3. I worked with McPhar Geophysics Company from 1968 to 1975 as a geophysical crew leader.
- 4. I am presently employed as a geophysical crew leader by Phoenix Geophysics Limited of 214 - 744 West Hastings Street, Vancouver, B.C.

DATED AT VANCOUVER, B.C. This 14th day of February, 1983

John Marsh

PHOENIX GEOPHYSICS LIMITED

NOTES ON THE THEORY, METHOD OF FIELD OPERATION, AND PRESENTATION OF DATA FOR THE INDUCED POLARIZATION METHOD

Induced Polarization as a geophysical measurement refers to the blocking action or polarization of metallic or electronic conductors in a medium of ionic solution conduction.

This electro-chemical phenomenon occurs wherever electrical current is passed through an area which contains metallic minerals such as base metal sulphides. Normally, when current is passed through the ground, as in resistivity measurements, all of the conduction takes place through ions present in the water content of the rock, or soil, i.e. by ionic conduction. This is because almost all minerals have a much higher specific resistivity than ground water, The group of minerals commonly described as "metallic", however, have specific resistivities much lower than ground waters. The induced polarization effect takes place at those interfaces where the mode of conduction changes from ionic in the solutions filling the interstices of the rock to electronic in the metallic minerals present in the rock.

The blocking action or induced polarization mentioned above, which depends upon the chemical energies necessary to allow the ions to give up or receive electrons from the metallic surface, increases with the time that a d.c. current is allowed to flow through the rock; i.e. as ions pile up against the metallic interface the resistance to current flow increases. Eventually, there is enough polarization in the form of excess ions at the interfaces, to appreciably reduce the amount of current flow through the metallic particle. This polarization takes place at each of the infinite number of solution-metal interfaces in a mineralized rock.

When the d.c. voltage used to create this d.c. current flow is cut off, the Coulomb forces between the charged ions forming the polarization cause them to return to their normal position. This movement of charge creates a small current flow which can be measured on the surface of the ground as a decaying potential difference.

From an alternate viewpoint it can be seen that if the direction of the current through the system is reversed repeatedly before the polarization occurs, the effective resistivity of the system as a whole will change as the frequency of the switching is changed. This is a consequence of the fact that the amount of current flowing through each metallic interface depends upon the length of time that current has been passing through it in one direction.

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The values of the per cent frequency effect or F.E. are a measurement of the polarization in the rock mass. However, since the measurement of the degree of polarization is related to the apparent resistivity of the rock mass it is found that the metal factor values or M.F. are the most useful values in determining the amount of polarization present in the rock mass. The MF values are obtained by normalizing the F.E. values for varying resistivities.

The induced polarization measurement is perhaps the most powerful geophysical method for the direct detection of metallic sulphide mineralization, even when this mineralization is of very low concentration. The lower limit of volume per cent sulphide necessary to produce a recognizable IP anomaly will vary with the geometry and geologic environment of the source, and the method of executing the survey. However, sulphide mineralization of less than one per cent by volume has been detected by the IP method under proper geological conditions.

The greatest application of the IP method has been in the search for disseminated metallic sulphides of less than 20% by volume. However, it has also been used successfully in the search for massive sulphides in situations where, due to source geometry, depth of source, or low resistivity of surface layer, the EM method cannot be successfully applied. The ability to differentiate ionic conductors, such as water filled shear zones, makes the IP method a useful tool in checking EM

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anomalies which are suspected of being due to these causes.

In normal field applications the IP method does not differentiate between the economically important metallic minerals such as chalcopyrite, chalcocite, molybdenite, galena, etc., and the other metallic minerals such as pyrite. The induced polarization effect is due to the total of all electronic conducting minerals in the rock mass. Other electronic conducting materials which can produce an IP response are magnetite, pyrolusite, graphite, and some forms of hematite.

In the field procedure, measurements on the surface are made in a way that allows the effects of lateral changes in the properties of the ground to be separated from the effects of vertical changes in the properties. Current is applied to the ground at two points in distance (X) apart. The potentials are measured at two points (X) feet apart, in line with the current electrodes is an integer number (n) times the basic distance (X).

The measurements are made along a surveyed line, with a constant distance (nX) between the nearest current and potential electrodes. In most surveys, several traverses are made with various values of (n); i.e. (n) = 1,2,3,4, etc. The kind of survey required (detailed or reconnaissance) decides the number of values of (n) used.

In plotting the results, the values of apparent resistivity, apparent per cent frequency effect, and the apparent metal factor

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measured for each set of electrode positions are plotted at the intersection of grid lines, one from the center point of the current electrodes and the other from the center point of the potential electrodes. (See Figure A). The resistivity values are plotted at the top of the data profile, above the percent frequency effect. On a third line, below the percent frequency effect, are plotted the values of the metal factor values. The lateral displacement of a given value is determined by the location along the survey line of the center point between the current and potential electrodes. The distance of the value from the line is determined by the distance (nX) between the current and potential electrodes when the measurement was made.

The separation between sender and receiver electrodes is only one factor which determines the depth to which the ground is being sampled in any particular measurement. The plots then, when contoured, are not section maps of the electrical properties of the ground under the survey line. The interpretation of the results from any given survey must be carried out using the combined experience gained from field results, model study results and the theoretical investigations. The position of the electrodes when anomalous values are measured is important in the interpretation.

In the field procedure, the interval over which the potential differences are measured is the same as the interval over which the electrodes are moved after a series of potential readings has been made.

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One of the advantages of the induced polarization method is that the same equipment can be used for both detailed and reconnaissance surveys merely by changing the distance (X) over which the electrodes are moved each time. In the past, intervals have been used ranging from 25 feet to 2000 feet for (X). In each case, the decision as to the distance (X) and the values of (n) to be used is largely determined by the expected size of the mineral deposit being sought, the size of the expected anomaly and the speed with which it is desired to progress.

The diagram in Figure A demonstrates the method used in plotting the results. Each value of the apparent resistivity, apparent percent frequency effect, and apparent metal factor effect is plotted and identified by the position of the four electrodes when the measurement was made. It can be seen that the values measured for the larger values of (n) are plotted farther from the line indicating that the thickness of the layer of the earth that is being tested is greater than for the smaller values of (n); i.e. the depth of the measurement is increased.

The IP measurement is basically obtained by measuring the difference in potential or voltage (ΔV)obtained at two operating frequencies. The voltage is the product of the current through the ground and the apparent resistivity of the ground. Therefore in field situations where the current is very low due to poor electrode contact, or the apparent resistivity is very low, or a combination of the two effects; the value of (ΔV) the change in potential will be too small to be measurable. The symbol "TL" on the data plots indicates this situation.

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In some situations spurious noise, either man made or natural, will render it impossible to obtain a reading. The symbol "N" on the data plots indicates a station at which it is too noisy to record a reading. If a reading can be obtained, but for reasons of noise there is some doubt as to its accuracy, the reading is bracketed in the data plot ().

In certain situations negative values of Apparent Frequency Effect are recorded. This may be due to the geologic environment or spurious electrical effects. The actual negative frequency effect value recorded is indicated on the data plot, however, the symbol "NEG" is indicated for the corresponding value of Apparent Metal Factor. In contouring negative values the contour lines are indicated to the nearest positive value in the immediate vicinity of the negative value.

The symbol "NR" indicates that for some reason the operator did not attempt to record a reading although normal survey procedures would suggest that one was required. This may be due to inaccessible topography or other similar reasons. Any symbol other than those discussed above is unique to a particular situation and is described within the body of the report.

PHOENIX GEOPHYSICS LIMITED.

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| A | BERFORD LARA | L70+00W | X=50M | I RHO [®] (OH | M - M > |
|---------|--------------|-----------------|-----------------|------------------------|---------|
| DIFOL | E NUMBER | 2 3 | 4 5 | 6 7 | 8 |
| COORD | INATE 1900N | 2000N | 2100N | 2200N | 2 |
| INTER | PRETATION | | | | + |
| H=1 | 861 / 150 | 1696 257 | 3/ 1206/ 2156/ | 1034 1900/ | 3576 |
| N = 2 | 1075 | 1317)/ 2832 | 1962 1659 168 | 8 1888 22 | 06 R |
| N=3 | 102 | 26 / (2140 225) | 6 2052 (1453) (| 2502 2347 | 2711 |
| H=4 | | 1615 1663 | 2019 1732 196 | 3, 2962 29 | 67 14 |
| N=5 | | | | | |
| - N = 6 | | | | | A |

| F | BERFOR | DLA | RAL | .70+ | 00W | | | | X=50 | M PI | FE |
|---------|-----------------|------------|-----|------|-----|-----------|------|------|------|-------|-----|
| DIPOL | E NUMB | ER | | | 2] | 3 | 4 | 15 | 1 6 | 7 | 8 |
| INTER | INATE PRETAT | 190 Ion | ION | | 200 | <u>0N</u> | 21 | 100N | i | 2200N | 2 |
| + + = 1 | | 5.6 | 4.1 | 11 | 1.1 | 1.1 | 1.6 | 1.1 | .6 | 1.1 | .6 |
| N=2 | | 4. | 4 | 4.1 | 2 | 1 1. | 1 | 1.6 | 1.1 | .6 | .6 |
| N=3 | | | 4.5 | 3 | 3.8 | 2.1 | 1.1 | 1.5 | 1.1 | .5 | 1 |
| N=4 | | | | 4.6 | 4. | 1 2. | 8 // | 1.1 | 1.5 | 1.1 | 1.1 |
| N=5 | | | | | | | | | | | |
| N=6 | | | | | | | | | | | |

| ABE | RFORD L | ARA L | 70+001 | 1 | | X=5 | ØM | М | ETAL | FAC | TOR |
|---------|---------|---------|--------|------|------|------|----|----|------|-----|-----|
| DIPOLE | NUMBER | | 2 | 1 3 | 4 | 5 | | 6 | 7 | | 8 |
| COORDIN | ATE 19 | OON | 20 | IOON | 2 | 100N | | 2 | 200N | | 23 |
| | ? | IN AN A | 1 | | 1.00 | | | | | | |
| - H = 1 | 6.5 | 2.7 | 11.6 | .4 | 1.3 | 1.5 | | .6 | .6 | | .2 |
| N=2 | | 4.1 | 3.1) | .7 | .6 | 11 | .7 | | .3 | .3 | |
| • N = 3 | | 4.4 | / (1.8 | 1.2 | 5 | 1 | > | .4 | .2 | | .4 |
| N = 4 | | | 2.8 2 | 2.5 | 1.4 | .6 | .8 | | .4 | .4 | |
| N=5 | | | | | | | | | | | |
| N=6 | | | | | | | | | | | |

9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 ON 2400N 2500N 2600N 2700N 2800N 2900N 3000N 3100N 3200N 33 2545 1514 2884 2185 1956 3044 694 1491 893 1020 1589 1805 1357 1623 / 2239 1949 / 1402 792 920 (1459 1487 1676) 4028 2316 2153 1514 1080 1500 1203 1528 2222 1731 1466 2143 2025 1415 1616 898 1994 > 1844 1459 3135 4275 2759 1151 1982 1229 1900 1643 2188 2010 1641 1764 2078 2119 1684 1787 847 1034 1465 1781 2850 3206 5006 1406 1376 2181 1544 2494 2313 2119 1727 1810 1504 2235 3485 1814 1700 864 98 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 In 2400n 2500n 2600n 2700n 2800n 2900n 3000n 3100n 3200n 330 .7 1 1.6/ 1.5 .5 /// 2.6 2.1 ~3.1 3.4 \ \ 1.1 \ 2.4 .5 1.3 2.6 .5 1.1 1/ 9.1 2.1 2.2 2.5 1.6 2.5 .5 .5 3.1/ 2.1 2.1 2.1) .6 / 2.6 3.1 . 1.9 1.7 .8 2.5 2.5 1.5 2.1 2 2.1 2 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 2400N 2500N 2600N 2800N 2900N 3000N 100N 3200N 330 2700N 3100N 3300N 21222 a & # 2 B .3 .8 .2 .3 /11 2.9 3/ 2.5 2.1 2.8 .5 .2 2.1/1/ .6 \\1.8 / \.6 .3 / 1.2 / 12.2 / 1.1 (1.8 / 1.3 2.6 1.4 2.4 2.1 (1.4 .6 14 .6 .3 1.4 1.2 1.1 1.2 $\langle 3 \rangle$ 1.4 .5 1 1.2 \\ .3 < 1.1 1.8 11.7 1.3 .9 1 1.1 .4 1.2 1.2 2.4 .7 .3 .3 .3 .2 .4 .4 .5 1

DWG. NO. - I. P. - 5829-1

| | - | | | | - |
|----|----|----|-------------------------|-----------------------|---|
| | | | | | |
| 30 | T | 31 | | 32 | |
| 34 | 00 | Н | | | |
| | | | -+- | | _ |
| | | | | N = 1 | 1 |
| | | | | N=2 | 1 |
| | | | | | |
| | | | | N=3 | - |
| - | | | | N=4 | - |
| | | | | N = 5 | - |
| | | | | N=6 | |
| | 30 | 30 | <u>30 31</u> 3400H | 30 <u>31</u> 3400H | <u>30 31 32</u> <u>3400H</u> N=1 N=2 N=3 N=4 N=5 N=6 |

| 29 | 30 | 31 | 32 |
|-----|----|------|-------|
| ON | 3 | 4001 | |
| | - | | N=1 · |
| ; | | | N=2 · |
| 1.9 | | • | N=3 · |
| | 2 | | N=4 |
| | • | | N=5 |
| | | | N=6 |



ABERFORD RESOURCES LTD.

LARA PROPERTY

VICTORIA M.D.; B.C.



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE 3.75 PROBABLE MINIMUM POSSIBLE

FREQUENCY (HERTZ) 4.0HZ;0.25HZ.

NOTE- CONTOURS AT LOGARITHMIC INTERVALS, 1,-1.5 -2,-3,-5,-7.5,-10 DATE SURVEYED: OCT-NOV 1982 APPROVED



PHOENIX GEOPHYSICS LTD

INDUCED POLARIZATION



| ABERFORD LARA L | 66+000 | | X=50M PF | E |
|------------------|---------------|-----------|--------------|-----|
| DIPOLE NUMBER | 2 3 | 4 5 | 67 | 8 |
| COORDINATE 1250N | <u>1350N</u> | 1450N | <u>1550N</u> | 1 |
| INTERPRETATION | | | + | |
| N=1 .8 .7 | 1/2/ 1.5 | .7 / 1.6/ | / 3.6 4.5 | 3.6 |
| N=2 1.1 1.1 | 2.8 / 1.5 1.6 | 1.6 | 3 3.6 🤇 | 5.3 |
| N=3 1.1 2.6 | (1.6 1.6 | 2.1 / 3.5 | 3.1 3.5 | 7.3 |
| N=4 1.1 2.5 | 2.8 2.1 2.1 | 3.6 3 | .2 3.7 / | 5.6 |
| N=5 | | | | |
| N=6 | | a., | | |



2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 1750N 18501 1950N 2050N 2150N 2250N 2350N 2450N 2550N 743/1/1687 2010/2010/2010/2010/2010/1052 2280 1520 1279/23262/21219 1301/1900/2777/1644 1866/2104/1557/2541 ~______. 880 / 1067 951 // 1875 (719 / 326) (1653 // 3317) (1125 / 833 2344 2006 2495 / 1500 1188 / 1910 2827 / 1990 1665 / 2946 (1942 / 2021 / 1725 \ 1078 N=2 1158 ×547 <mark>\{ 1338 1472</mark>//3317}\{ 1026}\/356 /531 **\{**4038 / 2002}\{955 950 \\2083 2409 //1388 } 1595 1771 / 3048} {1979 | 1844 / 2525 2613 2341 // 1319 1639 1397 1971 N=3167 699 1707 4675 1788 494 561 1250 2558 1751 967 777 3142 1316 1742 2171 2550 2217 1565 2600 2124 3325 1425 1285 2000 2185 N=4 -N=5N=6 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 1950H 2050N 2150N 2250N 2350N 2450N 2550N 1750N 1850N 2.5 1.1 9 1 1/2.1/ 1.6 5 M = 13.5 / 1.3 1.1 1.5 3.1 2.6 1.1 // 2.8 2.1 / 1.3 N=2 6.1 16 1.5 2.1 2.4 <1.9 / 1.3 N = 35.6 1.1 1.1 3 > 1.8 .3 .6 3.1 1.3 1.5 1 V/3.5 5.6 2.1 / 3.5 N=4 5.1 N=5 N = 6<u>3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28</u> 350N 1450N 1550N 1650N 1750N 1850N 1950N 2050N 2150N 2250N 2350N 2450N 2550N 18888.4 .9 1 .4 N=1 1.3 N 1.7 .N=2 1.8 / 2.8 3.1> 1.4 .5 1.3 .5 .8 .9 .3 .6 / (3.4 / (8.7 / 6.6) (1.8 / 2.8 (3.1 / 2.2) 1.2 (.8 N = 3.9 .3 2.9 2.2 / 4.5 .3 N=4 . .5 .5 1.4 .4 .4 N=5 N=6

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ABERFORD RESOURCES LTD

LARA PROPERTY

VICTORIA M.D. B.C.

LINE NO -66+00W





SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE FROBABLE SECONDERSE POSSIBLE

FREQUENCY (HERTZ) 4.0HZ;0.25HZ.

NOTE- CONTOURS

AT LOGARITHMIC

INTERVALS, 1/-1.5

-2,-3,-5,-7.5,-10

DATE SURVEYED OCT-NOV 1982 APPROVED

DATE FEB. 14/83

PHOENIX GEOPHYSICS LTD

INDUCED POLARIZATION

| ABERFORD LARA LE | 56+00W | X=50 | M RHO (OF | 1 M - M (|
|------------------------------------|---------------|---------------|-------------|-----------|
| DIPOLE NUMBER | 2 3 | 4 5 | 6 7 | 1 8 |
| COORDINATE 2650N INTERPRETATION | 2750N | 2850N | 2950N | 3 |
| N=1 792 1199 | 1140 903 | 834 1013 | 982 671 | 623 |
| N=2 1200 1281 18 | 875 1225 81 | 9 838 16 | 113 1191 7 | 50 |
| N=3 1140 (1537 1900 | 1945 1013 | / 679 🔵 976 👌 | 1285 1336 | 751 |
| N=4 1493 1432 2347 21 | 179 1538 1/69 | 7 629 /10 | 121 1583 13 | 199 |
| N=5 | | | | |
| N=6 | | | | |

| ABERFORD LARA L | 56+00W | | X=50M F | FE |
|------------------------------------|------------|----------|----------|-------|
| DIPOLE NUMBER | 2 3 | 4 5 | 6 7 | 8 |
| COORDINATE 2650N INTERPRETATION | 2750N | 2850N | 2950N | |
| N=1 1.6 / 2.1 | 1.6 .5 | .8 / 1 / | 2.3 2. | 1 2.: |
| N=2 1.5 <2 | 2 1.3 . | 5 1 4 | .5 2 | 2.6 |
| N=3 1.3 1.5 2.1 | 1.7 1.1 | 1.6 1.4 | 21.5 2.5 | 5 2.6 |
| N=4 1.1 1.5 2.1 | 1.6 1.1 5. | 1 2.1 3 | .8 1.9 | 2.3 |
| N=5 | | | | |
| N=6 | | | | |



9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 3250H 3150N 3350N 3450N 3550N 3650N 3750N 3850N 3950N 515 / 938 736 1521 1696 2375 745 723 1710 4100 2576 1556 844 1594 1631 8233 N=1 ____ ____761 / 1176 \ 1688 / 2665 / (1392) (420) (1326) (2467 \ 4399 \ 2069 / (931 // 1736 \ (2125 / 4938 \ 7500 625 **/ 80**2 N=2 ____ 686 \ (1034 1382 \ (3252) \ (1629) \ (713 / 848) / 1926 2546 3325 \ (1228 / 1868 1953) / 5542 \ 3767 4497 918 N=3 _____ 1118 447 897 1118 1416 2296 833 1191 2375 1860 1794 1730 2307 1850 5042 4022 2391 1764 N=4 . N=5 N=6 9 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 27 28 3150N 3650N 3250N 3350H 3459N 3550N 3750N 3850N 1.1 / 1.7 1.6/ 1.8/ 1.5 2.5 3 H = 1 2.8 3.9 / 2.1 4.1 3.3 2.3 /19 2.5 1.6 1.1 1.1 /1.5 4.1 3.6 \ 2.1 / 3.4 1.8 2.1 4.2 4.3 3.5 N=2 4.8 1.6 2.3 2.6 (1.1 4 .6) (1.6/) 4.1 3.6 3.6 3.1 4.8 4.6 4.5 N 2.1 < 1.6 N=3 . 3.1 1.3 4.4 2.6 3 2.5 2.1 2.1 15.1 1 5.1 1 2.3 1.6 2 4.8 4.6 4.7 4.8 4.1 N=4 -N=5N=6 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 3050N 3350N 3150N 3450N 3650N 3750N 3850N 3250N 3550N 3950N 12 3.5 2.3/11.5 5.8 3.3 1.5/ 1.1 .8 / / 1.9// 4.9 N = 1 / 2.1/ \ .7 2.4 3.3) (9.8)) 1.4 3.2 > (1.6// 4.6 /2.8 N=2 . 1.5 .5 1.6> 1.7 3.4 2.5 3.5 / 1.9 / 5.8 / 1.4 .9)/ (3.9 / 2.7 N=3 -2.4)//.8 1.3 2.7 2.7 2.7 2.2 2.5 // 1.9 2.8 2.8 / 1.8 2.2 N=4 -N=5 N = 6 -

ABERFORD RESOURCES LTD

LARA PROPERTY

VICTORIA M.D.; B.C.

LINE NO .- 66+00W





SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE PROBABLE POSSIBLE TATAL



PHOENIX GEOPHYSICS LTD

INDUCED POLARIZATION



| ABERFORD LARA L62+00W X=50M RHO (OHM-M) | |
|--|-----------------|
| DIPOLE NUMBER 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 COORDINATE 600N 700N 800N 900N 1000N 1100N 1200N 1300N 1400N 1500N 1600N 1700N 1800N 19 INTERPRETATION | 27 28 900N |
| N=1 487 230 154 151 216 556 230 299 1144 1900 2616 3283/ 1629/ 1026 2525 1641 1603 1855 1093 1311 1667 1230 1240 925 651 849 1108 | 950 N=1 - |
| N=2 441 291 199 (146) 223 (184 (133 137) 360 1440 2647 /1991 (1313 1392 1044 727 (2085) 1118 938) (1634 1602 1283 1672 1258 1108 1550) 1 | 1156 N=2 |
| N=3 475 335 205 211 211 204 227 289 317 1209 1841 1563 1790 659 1092 492 1473 (877 1086 1412 1555 1598 1913 1605 1678 /1465 | N=3 - |
| N=4 526 324 294 206 272 369 278 264 276 760 1513 2048 851 763 1688 963 1254 950 885 1321 1847 1689 2309 2452 1473 | N=4 - |
| N=5 | N=5 - |
| N=6 | N=6 - |
| | |
| | |
| | |
| ABERFORD LARA L62+00W X=50M PFE | |
| DIPOLE NUMBER 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 COORDINATE 600N 700N 800N 900N 1000N 1100N 1200N 1300N 1400N 1500N 1600N 1700N 1800N 19 | 27 28 900N |
| INTERPRETATION | + |
| $N=1 \qquad .8 \qquad .5 \qquad .6 \qquad .5 \qquad 1 \qquad 2.1 \qquad 2.1 \qquad 2.1 \qquad 2.1 \qquad 1.6 \qquad 2 \qquad 3.1 \qquad 1.8 \qquad 2.1 \qquad 2.1 \qquad 2.1 \qquad 2.1 \qquad 5.1 \qquad 5.6 \qquad 3.1 \qquad 3.6 \qquad 3.6 \qquad 2.5 \qquad 1.6 \qquad 1.1 \qquad 1.8 \qquad 3 \qquad 2.8 \qquad .5 \qquad $ | .5 N=1- |
| N=2 | .5 N=2 - |
| N=3 | N=3 - |
| N=4 1.1 1.5 1.8 1.6 1 12 1.6 1.1 2.1 4.1 5 4.5 4.7 5.2 5.6 6.1 4.5 4.1 3 3.6 4.3 3.1 3.5 3.5 3.1 | N=4 - |
| N=5 | N=5 - |
| | N=6 - |
| | |
| | |
| | |
| HBERFURD LHRH L62+00W X=50M METAL FACTOR | |
| DIFOLE NUMBER 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 COORDINATE 600N 700N 800N 900N 1000N 1100N 1200N 1300N 1400N 1500N 1600N 1700N 1800N .19 | 27 28 900N |
| | |
| N=2 1.1 2.5 5.5 7.5 2.7 6 11 15 5 1.5 1.7 2.5 2.9 5.5 8.3 1.7 4 2.8 1.3 9 1.5 5.4 4.3 6 $.5$ 1.5 | .4 N=2 - |

| ABERFORD LAR | A L62+00W | X=50M | METAL | FACTOR |
|-----------------|-------------|-------------|---------|---------|
| DIFOLE NUMBER | 2 3 | 4.5 | 6 7 | 8 |
| COORDINATE 6001 | 4 700N | 800N | 900N | 10 |
| INTERPRETATION | | | | |
| N=1 1.6 | 2.2 3.9 3.3 | 4.6 3.8 / | 9.1 5.4 | 1 1.7 |
| N=2 1.1 | 2.5 | 7.5 2.7 (6 | 5 11 | 15 |
| N=3 | 2.1 3.3 7.8 | 9.5 3.8 | 6.4 8.6 | 3 / 3.8 |
| - N = 4 | 2.1 4.6 | 6.1 2.9 3. | .7 5.4 | 5.8 |
| N=5 | | | | |
| N=6 | | | | |

 3.5
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 2
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 4.2
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 N=3 -N=4 -

N=5 ·

N=6 ------

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ABERFORD RESOURCES LTD.

LARA PROPERTY

VICTORIA M.D. B.C.

LINE NO .-62+00W





SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE PROBABLE POSSIBLE

FREQUENCY (HERTZ) 4.0HZ;0.25HZ

DATE SURVEYED: OCT-NOV 1982 APPROVED

FAC DATE FEB. 14/83

NOTE- CONTOURS AT LOGARITHMIC INTERVALS, 1,-1.5 -2,-3,-5,-7.5,-10

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION



| | ABERFORD LARA L | 62+00W | X=50 | M RHO (O) | HM-M) · | | | | |
|-----|----------------------------------|-------------|--------------|-----------|-------------|---------------|-------------|---------------|-------|
| C | IPOLE NUMBER | 2 3 | 4 5 | 6 7 | 8 9 | 10 11 | 12 13 | 14 15 | 16 |
| | OORDINATE 2000N NTERPRETATION | 2100N | 2200N | 2300N | 2400N | 2500N | 2600N | 2700N | 286 |
| N | = 1 1395 1242 | 1285 1727 | 1020 \\ 536 | 575 689 | 622 550 | 913 710 | - 1000 844 | 594 / 831 | 855 |
| -N | = 2 1383 2004 1 | 572 1254 97 | 2 1000 55 | 8 891 9 | 653 72 | 1 1226 17 | 47 (971 5 | 63 906 94 | 8 86 |
| N | = 3 1488 1945 2583 | (1465 831 | (1040 / 1821 | 1583 1148 | 813 818 | /1029 // 2704 | (1381) (578 | 693 (1174 | 1135 |
| - N | = 4 1837 1948 2562 2 | 2138 910 86 | 1 1598 27 | 64 2058 | 891 855 -10 | 184 /2217 20 | 158 799 6 | 94 / 805 / 15 | 65 14 |
| -N | = 5 | | | | | | | | |
| - N | = 6 | | | | - A | • | | . . | • |

| | | AB | BER | FO | RD | LAR | A I | L62 | +00 | W | | | | | × | = 50 | М | P | FE | | | | | | | | | | | | | | | | | |
|----|-----|----|-----|-----------|---------|-----|-----|----------|-----|-----|----------|----------|-----|-------------|----|------|-----|----------|-----|------|-----|---------------|-----|-----|-----|----------|-----|-----|-----|----------|------|-----|-------------|-----|-------|-----|
| | IFO | | NA. | UMB TE | ER 2 | 000 | 3 N | <u> </u> | 2 | 100 | 3 0 N | <u> </u> | 4 2 | 1 5 200N | T | 6 | 301 | 7 0 N | | 8 | 400 | <u>е</u> и | | 10 | 500 | 11 3N | 1 | 12 | 600 | 13 IN | 1 | 4 | 1 15 20N | | 16 | I |
| I | NTE | RP | RE | TAT | 101 | 4 | | -+- | | -+ | | + | | | | | | | + | | | | | | | | | | | | | | | | | - |
| N | = 1 | | | | .5 | | .5 | | .6 | | .8 | | .5 | .5 | 5 | .6 | | .6 | | 1 | | 1 | | 1.3 | 1 | .8 | - | - 1 | 1 | 1.6 | 2 | .3 | 2.1 | - | 1.9/ | |
| H | = 2 | | | .5 | | .5 | | .5 | | .5 | | .5 | < | 1.1 | .6 | ¢ | .6 | | .9 | لر | 1.1 | | 1.3 | | 1.1 | | 1.1 | / | 1.8 | K | .6] | 1/2 | .1 | 2.5 | 2 | 2.3 |
| -N | = 3 | | .5 | | .8 | | .5 | | .5 | | .5 | - | .8 | .8 | 8 | .6 | | .8 | 1 | /1.5 | | 1.3 | | 1.1 | | 1.2 | 1 | 1.8 | < | 1.1 | | 1 | 2.5 | i 1 | (3.1) | |
| H | ≠ 4 | .6 | | .6 | | .6 | | .6 | | .8 | | .8 | | | .6 | | .6 | 1 | 1.6 | | 1.5 | 1 | 1.1 | | 1.1 | - | 1.6 | | 1.5 | • | 1.3 | . 1 | .1// | 2.7 | 2 | 2.5 |
| -N | = 5 | | | | | | • | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N | = 6 | | | | | | | | | | | 2. | | | | | | | | | | | | | | | | | | | | | | | | |

| | A | BER | OF | D I | AR | AL | .62 | +00 | W | | | | X = | 50M | M | ETA | L Ff | асто | R | | | | | | | | | | | N.0 T | | 4 |
|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|----|----|----|------|-----|------|-----|-----------|---------------|------|-------|-----|-----|-----|-----|-------------------|-----|----------------------|------|------|--------------|-----|----------|
| DIF | OLE | NU | MB | ER | | | | 2 | | 3 | T | 4 | | 5 T | 6 | T | 7 | 8 | T | 9 | 110 | 1 (| 11 | - | 12 | T 1 | 3 | 114 | I I | 15 | 16 | <u> </u> |
| 000 | RDI | NAT | E | 2 | 000 | 3 N | | 2 | 100 | N | | 2 | 200N | | 2 | 300 | N | 2 | 2400 |) N | | 250 | ØN | | 26 | OON | | | 2701 | BN | 2 | 280 |
| INT | ERP | RET | AT | IQN | | | | | -+- | | | | | - | 1000 | | n de se s | | | | | | | | | | | 111 | | | | |
| H=1 | | | | .4 | | .4 | | .5 | | .5 | 4 | .5 | | 9 | 11/ | · . | .9 | 1.6 | | 1.8 | 1.4 | 4 | 1.1 | | 1 | / 1 | .9 \ | 3. | 9 / | 2.5 | 2.2 | |
| N=2 | | | .4 | | .2 | | .3 | | .4 | | .5 | < | 1.1 | | / | .7 | .9 | \rightarrow | 1.7 | \$ 77 | (8) | {.9 | | .6 | 14 | 1.9 | $\langle \mathbf{i}$ | .1 | 2.3 | 2. | 6 | 2.7 |
| N=3 | | .3 | | .4 | | .2 | | .3 | | .6 | | .8 | | 4 | .4 | | .7 / | / 1.8 | I | 1.6 | 1. | 1) | .4 | : { | 1.3 | > 1 | .9 | 1. | 4 | 2.1 | 2.7 | (|
| N=4 | .3 | | .3 | | .2 | | .3 | | .9 | | .9 | | .6 | .2 | | .3 | 1/1. | .8 | 1.8 | 1 | 1 | .5 | | .8 | $\langle \rangle$ | 1.9 | 1 | .9 ` | 1.4 | <u>~ 1</u> . | .7 | 1.7 |
| N=5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N=6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |





DWG. NO. -1. P. - 5829-5

ABERFORD RESOURCES LTD.

LARA PROPERTY

VICTORIA M.D. / B.C.

LINE NO .-62+000





SURFACE PROJECTION OF ANOMALOUS ZONE

FREQUENCY (HERTZ) 4.0HZ;0.25HZ

NOTE- CONTOURS

AT LOGARITHMIC INTERVALS: 1,-1.5

-2,-3,-5,-7.5,-10

DEFINITE PROBABLE POSSIBLE

> DATE SURVEYED: OCT-NOV 1982 Approved



PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

| | ABERF | ORD LARA L | 58+001 | W | | X=50M | RHO | (OHM | I-M) | | | | | | |
|-------|----------------------|----------------|------------|---------|--------|------------|--------------|--------|-------------|--------------|-------------------|---------------------------|-----|-----------|-------------|
| DIF | POLE NUM DRDINATE | 18ER 600N | 1 2 | 00N | 4 80 | 5 0 N | 6 900 | 7 V | 8 100 | 9 ION | 10 | 11 30N | 12 | 13 00N | 14 |
| N = 1 | , | 343 235 395 | 151 170 | 214 | 320 | 915 | 584 2 672 | 424 | 513 5 61 | 532 2 70 | 705 | × 1512 × 88 <u>1</u> 7 | 484 | 1162 | 1161 215 |
| H=3 | | 527 | 295 | 397 | 651 | 217 | 649 | 935 | 756 5 NJ | 761 R. 15 | /1504/ 759 / 7 | 776 51 5 | | 658 80 | 1917 |
| N=5 | | | | 120 | | | | | | | | | | | |
| N=6 | | 1 | | <u></u> | | | | | | | | | | d | |



| ABERFO | RD LARA L5 | 8+00W | | × | =50M | METR | L FAC | TOR | a na | | | | | |
|-------------|------------|---------|-------|-------|------|------|------------|---|-------|------|-------|------|-------|-----|
| DIPOLE NUME | BER | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 1 12 | 13 | 14 |
| COORDINATE | 600N | 700 | IN | 1008 | 1 | 9001 | 1 | 1000 | N | 110 | NON | 1 | 200N | 1 |
| INTERPRETAT | ION | | - | | 100 | | BBBBBBBL T | 1 | | | | | | |
| H=1 | 2.6 2.6 | 5.3 | 1.9 | 1.6 | 3. | 7.7 | 8.3 | 2.9/ | 5.8 | 5.1 | 3 [3 | 8.7 | 3.5 | .9 |
| N=Z | 2.3 23. | 3 4.1 | 11 | -Nº | | 4.0 | | | c | | | | -1/20 | |
| N=3 | 2.1 | 2.7 | 2.8 | A | 15/1 | 4.5 | 3:0 | V | 5.2 | 4.5 | / 7.9 | 1 | 1(2.3 | 1.9 |
| N = 4 | 2. | 4 / 1.2 | - 1.5 | 14 14 | 10 | 3.7 | 3.3 | N.R. | * 4.2 | / ε. | 4 9 | .3 ` | 5.1 | 2.8 |
| N=5 | | | | | | | | | | | | | | |
| N=6 | | | | | | | | | | | | | | |

15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 3 1400N 1500N 1600N 1700N 1800N 1900N 2000N 2100N 2200N 1006// 489// 1104 1511 1992 1055/ 811// 2909 N=1 1396 1314 \$ 809 683 1395 1166 / 1555 1722 1598 1905 / 2487 11397 1616 785 (1539 (2119) 2388 2316 1465 888 1028 1406 1266 1485 1313 894 1534 1700 1841 / (621 / 1571 1287 1224 (1583 1623 1441 950 1727 1710 2090 . 2159 2409 1108 1169 / 1948 1995 1520 1563 1349 1854 2129 1310 1703 20061 1790 1777 1018 1425 1830 1623 1393 1007 985 1837 1773 2280 1986 2723 23 24 25 26 27 28 29 30 31 32 33 34 1300N 1400N 1500N 1600N 1700N 1800N 1900N 2000N 2100N 2200N .5 /// 3.3 2.5 1.1 /1.5 .6 NI / 6.1 \ 9.5 / \2.5 .8 1.5 .5 // 2.3 // 1.3 5.6 4.6 1 2.8 1.6 1.3 7.1 1.1 3.5 1.5 1.2 1.1 .5 /1/2.1// 1 1.1 16 1.9 \ 5.5 4.1 ~ 6.1 12.3 6.9 1.6 17.20 .5 11/2.3 11 1 3.1 5.6 1.1 1.6 4.1 2.1 3.9 2.6 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 1400N 1500N 1600N 1700N 1800N 1900H 2000N 2100N 2200N ********* .5 M 6.7 // 2.3 / .7 .5 012.5 14 .8 3.7 // 1.5 1.5 1.1 .3 1.1 3.7 .9 6.8 V. 1.3 1 2.1 / .9 .9 .7 1.2 .5 3.4 .8 2.3 11 13 k 5.7 M 2.4 12 2.9 2.2 115 22 1.4 .8 .9



| 00 | 35)N | | 36 | 400 | 37 N | 38 | 3 | |
|----|----------|-----|-----|-----|---------|------|-----|---|
| + | 1.1 | -+ | 1 | + | 1.1 | H= | 1 | - |
| 6 | > | 1.3 | | 1.1 | | N = | 2 | |
| | 1.1 | | 1.3 | | | N = | 3 | |
| 5 | • | 1.3 | | | | N = | 4 | |
| | | | | | | 14 = | 5 | |
| | | | | | | N = | : 6 | |



ABERFORD RESOURCES LTD

LARA PROPERTY

VICTORIA M.D.; B C.

LINE NO -58+00W





SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE PROBABLE POSSIBLE TATAL



PHOENIX GEOPHYSICS LTD

INDUCED POLARIZATION

| ABERFORD LARA L5 | 8+00W | X=25M | RHO (OH | M - M > | |
|--|---------------------------------------|-------------------|----------------------------|--------------|--------------------|
| DIPOLE NUMBER COORDINATE 875N INTERPRETATION | 2 3 925N | 4 5 975N | 6 7 1025N | 8 9 1075N | 10 11 1125N |
| N=1 503 383 N=2 951 536 42 | 276 329 | 342 317 377 63 | 610 <u>368</u> 7 628 50 | 87 | N = 1 - N = 2 - |
| N=3 1013 857 547 | 483 389 | 420 675 | 541 661 | 477 | N=3 - |
| N=4 353 >> 886 811 > 58 | 4 592 ` 38⊌ | 3 7 710 59 | 8 675 5 | 99 501 | N=4- N=5- |
| N=6 | · · · · · · · · · · · · · · · · · · · | | | | N=6 - |

| | ABERFORD | LARA | L58+0 | ION | | | | X=25M | PFE | | | | |
|-------|------------|----------|--------|------|-----|-----|--------|-------|------|------|-----|-----|----------|
| DIP | OLE NUMBE | R | 2 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| C00 | RDINATE | 875N | | 925N | | 975 | 5 N | 10 | 25N | 10 | 75N | 112 | 5N |
| INT | ERFRETATI | QN | | | | + | | | + | + | + | ++ | <u> </u> |
| N=1 | | 5 /1/ 3. | 7 . 3. | 5 14 | .3 | .5 | .6 | - 1.5 | 1.6 | | | | N=1 - |
| N=2 | .5 | 4.1 | (5.6) | 4.1 | 1.5 | 1.1 | 1/2 | .1 2 | .83 | .1 | | | N=2 - |
| N = 3 | 1 / 4 | .1 4. | 8 4 | .6 | 4.1 | 1/ | 1.9 | / 3.3 | 4.3 | 4.1 | | | N=3 · |
| N = 4 | 1.1 // 4.1 | 4.3 | 3.6 | 3.5 | 4.5 | 1.6 | 5 / /3 | .1 4 | .6 4 | .6 4 | .6 | | N=4 - |
| N=5 | | | | | | | | | | | | | N=5· |
| N=6 | | | | | | | | | | | | • | N=6 - |



DWG. NO. - I. P. - 5829-7

ABERFORD RESOURCES LTD.

LARA PROPERTY

VICTORIA M.D. B.C.



LINE NO -58+00M



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE PROBABLE POSSIBLE

FREQUENCY (HERTZ) 4.0HZ;0.25HZ

| DATE | SURVE | YED: | OCT-NOV | 1982 |
|-------|-------|------|---------|------|
| APPRO | VED | | | |

| | P | |
|-------|-----|----|
| | TAC | |
| 1.1.1 | | |
| | - | 11 |

NOTE- CONTOURS AT LOGARITHMIC INTERVALS. 1,-1.5 -2,-3,-5,-7.5,-10

DATE FEB. 14/83

PHOENIX GEOPHYSICS LTD.

INDUCED FOLARIZATION

| ABERFORD LARA L58+00W X=25M RHO (OHM-M) | |
|--|--------------------|
| DIPOLE NUMBER 2 3 4 5 6 7 8 COORDINATE 1525N 1575N 1625N 1675N 1725 INTERPRETATION | 9 10 11 N 1775N |
| N=1 743 1113 1480 1049 945 864 2083 886 | N=1 - |
| N=2 1141 1230 810 523 1250 565 1022 1641 912 | N=2 · |
| N=3 1105 1781 (837 851 864 855 746 950 1598) 805 | N=3 - |
| N=4 1015 1663 1188 792 1416 633 1172 690 907 1389 615 | N = 4 |
| N=5 | N=5 |
| N=6 | N=6 · |

| | AB | ERFO | RD L | ARA | L58 | +00W | | | | | X | =25M | I | PFE | | | | |
|-------|------|-------|--------|------|-----|------|------|-----|-----|------|------|------|------|-----|-----|-----|--------|-------|
| DIP | OLE | NUME | ER | | | 2 | 3 | | 4 | 5 | | 6 | 1 7 | , _ | 8 | 9 | 10 | 11 |
| 000 | RDI | NATE | 15 | 525N | | 15 | 75N | | 1 | 625N | | 16 | 575N | | 17 | 25N | 17 | 75N |
| INT | ERFI | RETAT | ION | | + | | + | +- | | | + | | -+ | + | | -+ | | + |
| N=1 | | | .5 | .5 | 11 | 4.1/ | / 10 |) | 11 | 1 5. | 1/ 1 | 1.8 | 11. | 6 | | | | 14=1 |
| N=2 | | .5 | | .4 | 4.2 | 16 | .5 / | 7.6 | ~ | 12 | 14. | 11 | 1.5 | 1.6 | - | | | N=2 |
| -N=3 | | .5 . | .3 | 4.6 | | 6.5 | 5.6 | 5 | 7.1 | 1 | 3/1/ | 4.1 | 12 | .5 | 2.8 | | | N = 3 |
| N = 4 | .5 | .4 | 5.48°/ | 4.6 | 6.3 | | 7 | 5.6 | | 5.1 | 10 | 111 | 4.5 | 3.1 | l . | 3.3 | | N = 4 |
| N=5 | | | | | | | | | | | | | | | | | | N=5 |
| N=6 | | | | | | | | | | | | | | | | | | N=6 |

| ABERFORD LARA L58 | 1+00W | X=25M | 1 METAL F | ACTOR | |
|-----------------------|------------|------------|-----------|---------|--------|
| DIPOLE NUMBER | 2 3 | 4 5 | 6 7 | 8 9 | 10 11 |
| COORDINATE 1525N | 1575N | 1625N | 1675N | 1725N | 1775N |
| INTERPRETATION . | | 1 | | | •••··· |
| N=1 .7 .4 M/ | 18.5 9.6 . | 12 5.9/ | 11.9 .7 | | N = 1 |
| N=2 .4 .3 5.2 | 14 6 | .1 (20) (| 4 9 | 1.8 | N = 2 |
| N=3 .5 .2 5.5 | 7.6 6.5 | 8.3 14 | 4.3 1.6 | (3.5 | . N=3 |
| N=4 .5 .2 # 3.9 \ / 8 | 4.9 / 8 | .8 / 4.4 1 | 51 511: | 2.2 5.4 | N = 4 |
| N=5 | | | | | N = 5 |
| N=F | | | | | N = 6 |

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DWG. NO. - I.P - 5829-8

ABERFORD RESOURCES LTD.

LARA PROPERTY

VICTORIA M.D. B C

LINE NO -58+00W





SURFACE PROJECTION OF ANOMALOUS ZONE

PROBABLE POSSIBLE

FREQUENCY (HERTZ) 4.0HZ;0.25HZ DATE SURVEYED: OCT-NOV 1982 APPROVED



PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

X=25M RHO (OHM-M) ABERFORD LARA L58+00W 5 6 7 9 10 11 DIFOLE NUMBER 4 2 2275N 2225N 2325N COORDINATE 2075N 2125N 2175N INTERPRETATION 697 / 1102 / 1918 / 765 N=1 - N = 1 1104/1435 1920 / 533 788 / 2740) (1370) (526 N=2 -N=2 1031 / 955 680 716 486 756 /(2104 / 1813) 770 //1553 N=3 1138 (972 903) (792 N=3 359 765 / 1984 /1459 /990 //2235 1178 N=4 2050 1036 887 600 ~ 457 ` N=4 -N=5 -N=5 N=6 -N=6

| | ABER | RFO | RD | LAR | A L | 58+ | 001 | | | | | X = 2 | 5 M | PF | E | | | | |
|---------|-------|------|-----|-----|-----|----------|-------|----------|-----------|----------|-------|-------|-----|------|----|-----|----------|------|--------|
| DIF | OLE N | UME | BER | | | | 2 | 3 | | 4 | 5 | Te | 5 | 7 | | 8 | 9 | 10 | 11 |
| COO | RDINA | TE | 2 | 075 | N | | 21 | 25N | | 21 | 75N | | 222 | 25N | | 22 | 75N | 23 | 25N |
| INT | ERPRE | TAI | ION | 1 | | + | | + | | | -+ | + | | | + | | • | | + |
| H = 1 | | | .8 | | .7 | | .6 51 | 15.1 | | 3.7 | 1.5 | 1 | .1 | 1 | | | | | N=1 - |
| N=2 | | .8 | | .3 | | .5 | 4 | .5 // | 18 | 2 | 3) | 1.6 | 1 | .1/ | .3 | | | | N=2 - |
| -N=3 | .6 | | .3 | | .3 | | 3.8 | /1.8 | \langle | 1 | 2.4 | 1 | .7) | (.5 | 1 | 1.1 | | | N=3 - |
| N = 4 | 1 | .5 | | .5 | di. | 3.1 | 1 | .6 | 1.5 | | 1 | 2.5 \ | 1 | · | 1 | 1. | 1 | | 11=4 - |
| -N=5 | | | | | | | | | | | | | | | | | | | N=5 · |
| - N = 6 | | | | | | - | | . | . | <u> </u> | , | | ÷ | · | | | . | | N=6 - |

| ABERFORD LARA I | .58+00W | X=25 | M MET | AL F | ACTOR | | |
|------------------|-------------|-----------|-------|------|-------|-----|-------|
| DIPOLE NUMBER | 2 3 | 4 5 | 6 | 7 | 8 | 9 | 10 11 |
| COORDINATE 2075N | 2125N | 2175N | 222 | 5 N | 22 | 75N | 2325N |
| INTERPRETATION | IIIIIII | | ++- | | + | + | · |
| N=1 .7 1.6 | 1 .7 11 9.6 | 5.3 11.4 | .6 | 1.3 | | | N = 1 |
| N=2 .8 .3 | 1 6.6 | 2.5 3.8 | .6 .8 | | 6 | | N = 2 |
| N=3 .5 .3 .3 | 11 2.3 | 1.3 1.1 | .9 | .6 | 7 | | N = 3 |
| N=4 .5 .5 .6 | 5.2 3.5 | 2/1/.5 // | 1.7 1 | < . | .4 .9 | Ð | N=4 |
| N=5 | | | | | | | N = 5 |
| N= 6 | | | | | | | N=6 |

DWG. NO. - I. P. - 5829-9

ABERFORD RESOURCES LTD.

LARA PROPERTY

VICTORIA M.D.; B.C.

LINE NO -58+00W

0 0 0 0 0 1 centimetres This reference original imag scale at the 1



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE PROBABLE

FREQUENCY (HERTZ) 4.0HZ;0.25HZ DATE SURVEYED OCT-NOV 1982 APPROVED

NOTE- CONTOURS AT LOGARITHMIC INTERVALS: 1,-1.5 -2,-3,-5,-7.5,-10

| | PAC |
|------|------------|
| | |
| DATE | FEB. 14/83 |

PHOENIX GEOPHYSICS LTD.

INDUCED FOLARIZATION

| ABERFORD LARA L | 54+000 | X=50 | M RHO (O) | 4M-M> |
|-----------------------------------|------------|----------|-----------|-------|
| DIPOLE NUMBER | 2 3 | 4 5 | 67 | 3 |
| COORDINATE 600N INTERPRETATION | 7001 | 800N | 900N. | |
| N=1 132 211 | 537 516 | 586 709 | 894 510 | N=1 · |
| N=2 136 146 | 346 696 77 | 5 656 6 | 20 645 | N=2 |
| N=3 150 148 253 | 366 871 | 814 864 | 459 | N=3 |
| N=4 132 184 245 | 238 470 75 | 2 984 /7 | 08 | N = 4 |
| N=5 | | | | N=5 |
| N=6 | | | | N=6 |

| ABI | ERFORD L | ARA L5 | 4+001 | | • | 2 |
|---------|----------|---------------------------------|-----------|-------|-------|--------|
| DIPOLE | NUMBER | | 121 | 3] | 4 | 5 |
| COORDIN | ATE 6 | 00N | 700 | 3 N | 800 | IN |
| INTERFR | EIHIIUN | | ++ | + | +- | |
| - N = 1 | 1.1 | 1 .8 | .6 | .5 | 1.1// | 2.8 |
| H=2 | 1.1 | $\overrightarrow{\mathbf{b}}$. | 7.6 | 1.5 | 2.7 | ं 🔇 उ. |
| N=3 . | .7 .6 | .6 | 57 | (2.1 | 2.6 | 2.8 |
| N=4 .6 | .6 | .6 . | 8 1 / 1.8 | 3 3.1 | 3 | 4. |
| N=5 | | | | | | |
| N=6 | | | | | | |



ABERFORD RESOURCES LTD.

LARA PROPERTY

VICTORIA M.D. B.C.

LINE NO -54+00W







SURFACE PROJECTION OF ANOMALOUS ZONE

| DEFINITE | |
|----------|--------|
| PROBABLE | |
| POSSIBLE | ****** |

FREQUENCY (HERTZ) 4.0HZ;0.25HZ.

NOTE- CONTOURS AT LOGARITHMIC INTERVALS. 1,-1.5 -2,-3,-5,-7.5,-10 DATE SURVEYED: OCT-NOV 1982 APPROVED



PHOENIX GEOPHYSICS LTD.

INDUCED FOLARIZATION

| | ABERFORD LARA L | 50+00W | | X=501 | 1 RH | 0 (0H | M-M> | | | |
|-------|-----------------|------------|--------|-------|--------|---------|---------|--------|------|-------|
| DIFO | LE NUMBER | 2 3 | 4 | 5 | 6 | 7 | 8 | 9, | 10 | 11 |
| COOR | DINATE 450N | 550N | 651 | ØN | 75 | ØN | 85 | ØN | 95 | ØN |
| INTE | RPRETATION | + | + | | + | | + | · | | |
| N=1 | 186 280 | 1861 808 | 448 | - 505 | 497 | 653 | 579 | 736 | 1214 | N=1 - |
| N=2 | 194 183 (3 | 30 869 75 | 64 | 5 61 | .8 76 | 8 68 | 30 (46 | 59/{13 | 78 | N=2 - |
| N=3 | 229 214 215 | 299 686) | 950 | 754 | 950 | 750 | 536 | / 823 | | N=3 - |
| N=4 1 | 90 265 249 | 175 212 76 | a /106 | 53 11 | 76 105 | 56 / 52 | 25 / 82 | 28 | | N=4 |
| -N=5 | | | • | | | | | | | N=5 - |
| N=6 | | | | | | | • | L | | N=E |

| | ABERFORD | LARA | L50+00W | | | × | =50M | PFE | | | | |
|-------|------------|------|----------------------------------|---------|-------|-----|--------------|--------|---------|------|----|-------|
| DIP | OLE NUMBER | 2 | 2 | 3 | 4 | 5 | 6 | 7 | 3 | 9 | 10 | 11 |
| 000 | RDINATE | 450N | 55 | ØN | 6501 | М | 75 | ØN | 85 | ON | 95 | ON |
| INT | ERPRETATIO | DN | + | ++ | + | | | | | + | + | + |
| H=1 | 3. | 2/12 | 1.9 | 1.8 | .6/// | 2 | 3.5 | 3.6 | 2.6 | 2.6 | 3 | N=1 · |
| N=2 | 1 | 1.5 | 2.2 1. | 6 1.1 | 2.1 | 3.5 | চ ব্য | 3. | .8 3 | .1 4 | .1 | N=2 |
| N = 3 | .6 | .8 | $ \rightarrow $ $ ^{1} \rangle $ | 2.1 | 2.1 | 3.2 | 4 | 5.1 | 4.7 | 4.1 | | N=3 |
| H=4 | .6 .7 | .8 | .6 1/1. | 8 / 3.5 | 5 3.5 | 3.6 | 5 3 . | 6 \ 5. | .9 5 | .8 | | N = 4 |
| N='5 | , | | | | | | | | | | | N=5 |
| N=6 | | | | | | | | | | | | N=6 |

| 0+00W | X=50M | METAL I | FACTOR | |
|-------------|--|--|--|--|
| 2 3 550N | 4 5 650N | 6 7 750N | 8 9 850N | 10 11 950N |
| 2.2/1 | 1.3 / 4 | 7 5.5 | 4.5 3.5 | 2.5 N=1 |
| 7 1.8 1.5 | 2.2 4.2 | 4.2 6.8 | 5.6 6.6 ; 8.8 5 | 3 H=2 - N=3 - |
| 4 18.5 4.6 | 3.3 3.1 | 3,4 | 11 /7 | N = 4 |
| | | | | N=5 N=6 |
| | 0+00W 2 3 550N 2.2 1 7 1.8 1.5 3.3 3.1 4 8.5 4.6 | $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 0+00W X=50M METAL R 2 3 4 5 6 7 550N 650N 750N 750N 750N 2.2 1 1.3 4 7 5.5 7 1.8 1.5 3.3 5.7 6.5 3.3 3.1 2.2 4.2 4.2 6.8 4 8.5 4.6 3.3 3.1 3.4 | 0+00W X=50M METAL FACTOR 2 3 4 5 6 7 8 9 550N 650N 750N 850N 850N 2.2 1 1.3 4 7 5.5 4.5 3.5 7 1.8 1.5 3.3 5.7 6.5 5.6 6.6 3.3 3.3 3.1 2.2 4.2 4.2 6.8 8.8 5 4 8.5 4.6 3.3 3.1 3.4 11 7 |

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DWG. NO. - I . P - 5829-11

ABERFORD RESOURCES LTD.

LARA PROPERTY

VICTORIA M D. B.C.

LINE NO -50+00W





SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE PROBABLE POSSIBLE

FREQUENCY (HERTZ) 4.0HZ;0.25HZ. DATE SURVEYED OCT-NOV 1982 APPROVED

NOTE- CONTOURS AT LOGARITHMIC INTERVALS. 1,-1.5 -2,-3,-5,-7.5,-10

| | PAC |
|------|------------|
| DATE | FEB. 14/83 |

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

ABERFORD LARA L46+00W X=50M RHO (OHM-M) DIPOLE NUMBER COORDINATE 400N 500N 600N 700N 900N SOON INTERPRETATION N=1706 / 950 731 / 777 468 605 N=1 657 / 795 224 11 110 N=2 1500 (818) 1284 801 835 750 750 141 148 / 284 \$068) 860 211 > 95 / 876 (1511) 950 / 1123 366 N=3 356 871 864 H=31627) 475) 1/137 / 238 425 260 1382 512 933 1403 1177 1071 998 N=4 298 -N=5 N=5 N=6 -N=6

N=2

N=4

| ABERFORD LARA L46+00W | X=50M PFE |
|-------------------------------|-----------------------------|
| DIPOLE NUMBER 2 3 4 | 6 7 8 9 10 11 12 |
| INTERPRETATION | |
| N=1 1/ .5 1.1 .8 / 4.5/ | 4 1.8 3.6 2.6 2.1 1.6 N=1 |
| H=2 1 .8 .5 .8 1.1 3.9 | 4.8 4.8 3.3 3.7 3.5 2.1 N=2 |
| N=3 1 .7 .6 .6 (1.6 / 3.5 | 5 / 5.5 6.1 4.6 4.4 3.5 N=3 |
| N=4 1.1 .8 .7 .8 11 1/3.1 3.6 | 5.1 6.3 7.6 5.3 4.2 N=4 |
| N=5 | N=5 |
| N = 6 | N=6 |

| ABERFORD LARA L | 46+000 | X=501 | 1 METAL | FACTOR | | |
|----------------------------------|--|-------------|-------------|-------------|---------------|-------|
| DIPOLE NUMBER COORDINATE 400N | 2 3 500N | 4 5 600N | 6 7 700N | 8 9 800N | 10 11 900N | 1 12 |
| INTERPRETATION | -++ | | | | | + |
| N=1 4.5 4.5 | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | 2.1 4.2 | 5.5 2.3 | / 2.7 4.3 | 3.2 2 | N = 1 |
| N=2 7.1 5.4 | 1.8 .4 /2. | 2 4.3 3 | rs / e / | 4 4.9 | 4.7 (2.4 | N=2 |
| N=3 4.7 7.4 / 1.6 | 1.7 1 | 7.4 5.1 | 3.6 6.4 | 4.1 (5.1) | 4.1 | N=3 |
| N=4 3.7 / 5.8 /2.9 | 1.9 3.8 2. | 2 7 5 | 5.5 4.5 | 6.5 4.9 | 4.2 | N=4 |
| N=5 | | | | | 1 | N=5 |
| NEE | | | | | | N=E |

DWG. NO. - I. P. - 5829-12

ABERFORD RESOURCES LTD.

LAPA PROPERTY

VICTORIA M.D., B.C.

LINE NO .- 46+00H





SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE FROBABLE MANAGEMENT POSSIBLE ANALAN

FREQUENCY (HERTZ) 4.0HZ;0.25HZ.

DATE SURVEYED: OCT-NOV 1982 APPROVED

NOTE- CONTOURS AT LOGARITHMIC INTERVALS. 1,-1.5 -2,-3,-5,-7.5,-10



PHOENIX GEOPHYSICS LTD.

INDUCED FOLARIZATION



| AI | BERFORD LARA LA | 0+00W | X=501 | 1 RHO (OF | IM-M> | | | 18 07 | |
|----------------------------|-----------------------------------|----------------------------------|-----------------------------------|---|-------------------------------------|------------------------------------|--------------------|------------------------------------|-------------|
| DIPOLE COORDI INTERP | NUMBER INATE 150N Pretation | 2 3 250H | 4 5 350N | 6 7 450N | 550N | 10 11 650N | 12 13 750N | 14 15 850N | <u>16</u> 9 |
| N=1 N=2 | 105 177 99 119 1 117 119 | 139 447 42 197 539 198 243 | 1188 1108 1172 20 449 (178) | 1201 913 78 1535 8 2898 1683 | 2027 1061 94 927 10 (457) 990 | 1096 594 53 1066 57 891 1188 | 780 653 7 663 8 | 731 779 55 1010 11 1098 1396 | 859 |
| - N = 4 | 139 1 | 73 232 183 | 596 15 | 83 1979 //8 | 31 519 84 | 9 958 96 | 9 601 S | 1247 | |
| N=5 | | | | Tenire Anno Anno Anno Anno Anno Anno Anno Anno | | | | -1 | |

| | ABERFOR | DLF | RA | L40 | +00 | ы | | | | × | (=50M | PFE | | | | | | | | | 100 | | |
|------|-----------|----------|----|-----|-----|-----|----|-----|-------|-----|--------|------|---------|-----|------|------|-----|-----------|--------|-----|-----|-------|---------|
| DIP | DLE NUMBE | R | | | 2 | T | 3 | T | 4 | 5 1 | 6 | 7 | 8 | 9 | 10 | 11 I | 12 | 13 | 14 | 115 | 1 | 6 | 17 |
| INTE | REPRETATI | 15 0N | ØN | | 2 | 501 | 1 | | 3501 | 4 | 450 | N | 5501 | 1 | 6501 | 1 | 750 | <u>IN</u> | 85 | 50H | | 9501 | 4 |
| -H=1 | | .6 | .6 | | .5 | | .6 | / | 1.1 | .8/ | 1.3/1 | 2.6 | 4.8 | 5 | 5/ | 4.8 | 4.1 | 2.3 / | 1/ | .5 | - | 5 1 | N=1 - |
| -N=2 | .8 | | 6 | .6 | | .6 | < | 4 | 1.1 | 12 | 7 2 | / 4. | 1 / 6.6 | 5.6 | 4.6 | 4.5 | 4 | 14. | 3 (. | .9 | .5 | 1.4 | N=2 - |
| N=3 | | 1> | .6 | | .7 | | .5 | > | 1.1 | 2.0 | 2.1 / | 3.5 | 5.5 | 7.3 | 5.5 | 4.5 | 4.5 | 3.6 | 1.6 | 1.1 | | 5 . 1 | N=3 |
| H=4 | | | 6 | .5 | | .6 | | 1.1 | //2.0 | 2. | 1 /3.2 | 15. | .1 6.1 | 6.6 | 5.1 | 4.3 | 4.6 | 5 4. | 1 11 1 | .6 | | 1 | N = 4 · |
| N=5 | | | | | | | | | | | | | | | | | | | | | | 4 1 | N=5- |
| •N=E | | | | | | | | | | | | | | | | | | | | | | | N=6 |



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ABERFORD RESOURCES LTD.

LARA PROPERTY

VICTORIA M.D. JB.C.

LINE NO -40+000





SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE PROBABLE POSSIBLE NAMES

> DATE SURVEYED: OCT-NOV 1982 APPROVED



PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY



NOTE- CONTOURS AT LOGARITHMIC INTERVALS. 1,-1.5 -2,-3,-5,-7.5,-10

N=1 N=2 -N=3 -N=4 -N=5 N = 6

N=1

N=2

N=3

11=4

N=5

N=6

| | ABERFORD LARA L3 | 18+00W | X=50M | RHO (OH | M-M) | | | | |
|-------------------|---|-------------|--------------------|-------------|-------------|---------------|---------------|-------------------|---------------|
| DIP COO INT | OLE NUMBER RDINATE 150N ERPRETATION | 2 3 250H | 4 5 1 350N | 6 7 450N | 8 9 550N | 10 11 650N | 12 13 750N | 14 1 15 1 850H | 16 17 950N |
| N=1 | 131 240 / | 879 1558 | 760 581 | 1455 1108 | 454 1069 | 1108 837 | 1478 1347 | 2069 2045 | N=1 |
| N=3 | 235 | 554 780 | 638 81. 683 665 | 1267 1218 | 910 918 | 986 842 | 1346 2428 | 2104 1713 | N=3 |
| N=4 | 3 | 54 266 467 | ~ 606 /109 | 10 - 864 15 | 04 1182 58 | 2 1202 8 | 64 1615 2 | 428 / 1601 | N = 4 |
| N=5 | | | | | | | | | N=5 |
| N=6 | | | | N F M | | | | | N=6 |

| | ABERFOR | | A 138 | +001 | | | | X=5 | 0 M I | PFE | | | | | | | | 318 |
|---------|-----------|-----|-------|------|----------|------|--------|---------|-------|-------|---------|-------|------|-----|-----|----------|--------|-----|
| DIF | OLE NUMBE | R | T | 2 | 3 | 4 | 5 | 16 | 7 | 1 8 | 1 9 | 10 | 11 | 12 | 13 | 14 | 15 | 116 |
| 000 | RDINATE | 150 | N | 2 | 50N | | 350N | 400 | 450N | | 550N | | 650N | 7 | 50N | 85 | 50N | 95 |
| INT | ERPRETATI | ON | | | + | + | | -1' | | 11 | 11/1 | | | | | | + | + |
| - N = 1 | | .5 | .5 / | 1.1 | 1.1 | 1.1 | 1/ 4. | .1 / 5. | 65. | .5 6. | 7 5, | 4.5 | 12.6 | 1.7 | 1.7 | 2.6 | 1/ 1.1 | |
| N=2 | | .5 | 1.1 | | 1.5 | 1.1/ | 4.1 | 5/ | 3.6 | 6 | (8.1) | 4.8 | 3.6 | 3.6 | 2 | 2 2 | 1 (2: | 1.1 |
| N=3 | | | 1 | 1.2 | 1.6 | 4 | 5. | .1/ 3. | 4 3. | 5 7 | 8.5 | 1/4.6 | 3.5 | 4 | 2.7 | ({1.3 | 1.6 | |
| 11=4 | | | .9 | | .5 M// 4 | .1 | (5.3 / | 3.6 | 3 | 4.5 | 7.4 | 7.6 | 5.2 | 4.5 | 4.8 | 2.3 11 1 | 1.1 | |
| -N=5 | | | | | | | | | | | | | | | | | | |
| N=6 | | | | - | | | | | | | | | | | | | | |



ABERFORD RESOURCES LTD.

LARA PROPERTY

VICTORIA M.D. (B.C.

LINE NO -38+00W





SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE PROBABLE POSSIBLE ANALAN

FREQUENCY (HERTZ)

4.0HZ;0.25HZ.

NOTE- CONTOURS AT LOGARITHMIC INTERVALS. 1,-1.5

-2,-3,-5,-7.5,-10

DATE SURVEYED: OCT-NOV 1982 APPROVED

| 1/07 |
|------|
| |

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

AND RESISTIVITY SURVEY

| 5 |
|---|
|---|

14-1 N=2 N=3 N=4 N=5 N=6 -----



ABERFORD LARA L36+00W X=50M RHO (OHM-M) DIPOLE NUMBER 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 Coordinate 100n 200n 300n 400n 500n 600n 700n 800n 900n COORDINATE 100N INTERPRETATION 162 618 749 1805 M=11875 770 922 // 455 / 1823 841 / 1110 / 850 // 1625 1200 / 4148 3293 394 / 238 731 1819 1219 (656 / 431 (567) 1352 1328 / 785 / 2188 2368 1850) (5282 3728 -N=2 $220 \quad 200 \quad 727 \quad (2474 \quad 1069) \\ (323 \quad 469 \quad (857 \quad 1739) \\ (836 \quad 1827 \quad 2519 \quad 3338 \quad 2277 \quad 5309 \quad 4142 \\ (857 \quad 1739 \quad 1739 \quad 1827 \quad 2519 \quad 3338 \quad 2277 \quad 5309 \quad 4142 \\ (857 \quad 1739 \quad 1739 \quad 1827 \quad 2519 \quad 3338 \quad 2277 \quad 5309 \quad 4142 \\ (857 \quad 1739 \quad 1739 \quad 1827 \quad 2519 \quad 3338 \quad 2277 \quad 5309 \quad 4142 \\ (857 \quad 1739 \quad 1739 \quad 1827 \quad 2519 \quad 3338 \quad 2277 \quad 5309 \quad 4142 \\ (857 \quad 1739 \quad 1827 \quad 2519 \quad 1827 \quad 2519 \quad 23338 \quad 2277 \quad 5309 \quad 4142 \\ (857 \quad 1827 \quad 1827 \quad 2519 \quad 3338 \quad 2277 \quad 5309 \quad 4142 \\ (857 \quad 1827 \quad 2519 \quad$ HN=3 · _____ 173 190 871 2090 546 363 612 1099 1018 1871 1975 3266 4108 2225 5169 N=4N=5 N=E

| | ABERFORD | LARA | L36+ | 000 | | | | 375 X= | 50M | PF | E | 500 | | | 1 | | | | | | 2.38 | | | <i>i</i> . |
|---------|-----------|------|------------|-----|---------------|-----|--------|--------|-----|-----|-----|------|-------|-------|-----|-----|------|-----|-------|-----|------|-----|----|------------|
| DIPC | LE NUMBER | R | | 2 | 3 | 4 | 700N | 360 | 6 | 7 | 1 3 | 5001 | 1 | 0 | 11 | 12 | 1 | 8 | 14 | 15 | 11 | 6 | 17 | 18 |
| INTE | RFRETATI | ON | | 20 | | | 300H | 1 | // | /// | 11 | 1 | | 000 | | | HOUN | - | 00 | UN | | 300 | N | |
| - N = 1 | | 6 | 7 | .8 | 1.6 | 1. | 3/1/ 4 | .6/ | 6.5 | 5.8 | 4. | 5 2. | 2 -11 | .2 | 1.2 | 1.7 | 1. | 2 | 1.4 / | 1.6 | | | | N=1 |
| H=2 | | .6 | \bigcirc | • | 6] \ | 1.7 | 3.1 | / 7 | 5 | .1 | 6.2 | 5.2 | 2.7 | 1.9 | 1. | 6 | 1.7 | 1.6 | 1. | 6 | 1.7 | | | N=2 |
| N = 3 | | | .7 | .5 | 4 | 4. | 1 | 1.1. | 4.6 | 5.6 | 6. | 2 5. | 7 3 | .6 / | 2.4 | 2.2 | 1. | 7 | 1.8 | 1.7 | 1 | 1.6 | | N=3 |
| H = 4 | | | .6 | | 6 <i>1///</i> | 4 | 15.1 / | 3.5 | 3 | 6 | 5.1 | 6.2 | 6.7 | > 3.9 | 3. | .1 | 2.1 | 2.1 | 2. | 2 | 1.7 | | | N=4 |
| N=5 | | | | | | | | | | | | | | | | · | | | | | | | | N=5 |
| N=6 | | | | | | | | | | | | | | | | | | | | | | | | N=6 |



DWG. NO. - I. P. - 5829-15



ABERFORD RESOURCES LTD.

LARA PROPERTY

VICTORIA M.D. JB C



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE PROBABLE POSSIBLE NANNA



NOTE- CONTOURS AT LOGARITHMIC INTERVALS. 1,-1.5 -2,-3,-5,-7.5,-10 DATE SURVEYED: OCT-NOV 1982 APPROVED



PHOENIX GEOPHYSICS LTD.

INDUCED FOLARIZATION



| | ABERFORD | LARA L3 | 4+00W | | X=50 | M RHO (OF | IM-M) | | | | 16-66.5 |
|--------------|---------------------|---------|----------|--------|-------------|-------------------------|-------------|---------------|---------------|---------------|---------|
| DIPO COOR | LE NUMBER DINATE | 505 | 2 50N | 3 | 4 5 150N | 1 6 7 250N | 8 9 350N | 10 11 450N | 12 13 550N | 14 15 650N | 16 |
| INTE N=1 | RPRETATIO 12 | 1 103 | 129 // 2 | 286/ \ | 620 782 | 1403/ 1702/ | H 350 / 702 | 863 676 | 861 / 1336 | - 1767 - 2098 | + |
| N=2 | | 84 11 | 16 / 224 | 332 | 1261 (18 | 875 2280 / 1 | 183 646 (81 | 34 845 8 | 67 / 1436//2 | 202 2616 33 | 807 |
| N = 3 | | 98 | 244 | 264 | 359 1319 | 2724 /(1386 | 702 713 | 862 995 | 1188 2036 | 3141 3336 | |
| -N=4 | | 21 | 13 291 | 361 | 385 18 | 300 1979 ^V 7 | 81 638 6 | 38 1/1003 12 | 83 1579 2 | 911 3483 | |
| N=5 | | | | | | | | | | | |

| | ABERFORD | LA | RA | L34 | +00 | M | | 1-25m | X=50M | PFE | | | | | |
|-------------|------------|----|----|-----|-----|-----|----|-------------|-----------|----------|--------|---------|-------------|-----------|---------|
| DIPO | OLE NUMBER | | | Τ | 2 | T | 3 | 4 5 | 6 | 7 8 | 9 | 10 1 | 1 12 13 | 14 15 | 16 17 |
| <u>coor</u> | RDINATE | 50 | \$ | | | 50H | | 150N | 250N | - 500 | 350N | 450N | 550N | 650N | 750N |
| LINI | ERFREIHIIU | N | | + | | + | | | -++ | V/ | 1410 | | | | + |
| H = 1 | .6 | | .5 | | .5 | | .8 | 120 m 215 m | 0 1.1 / V | 3.3 / 6. | .2 5.2 | 4.7 | 1.7 1.7 .7 | 1.4 1.6 | N=1 - |
| H=2 | | •7 | 4 | .6 | | .5 | | .9/ (2.4 | 1.6 2.5 | 5.9 | 5.4 | 6.1 5.2 | 1.7 1.1 | 1.2 1.4 1 | .6 N=2- |
| N=3 | | | .6 | ; | .6 | | .8 | 1.6 3.1 | 3.1 | 5.2 5. | .4 6.4 | 6.6 | 5.2 2.4 2.1 | 1.6 1.6 | N=3 - |
| N=4 | | | | .7 | | .8 | 1 | 1.3 1.8 | 3.1 5.2 | 4.8 | 6.2 | 6.6 6.2 | 5.9 3.2 | 2.6 1.7 | N=4 · |
| N=5 | | | | | | | | | | | | | | | N=5 |
| -N=6 | | | | | | | | | | | | | | | N=6 |

| | ABERFORD L | ARA L | 34+00W | | X=50 | m m | ETAL | FACTOR | | | | | - | | | 10 T | • • | 1.35 |
|------------|-------------|------------|-----------|------|----------|------|-------|------------|-----|-------|-----|--------|------|----|-----|------|-----|-------|
| DIP | OLE NUMBER | | 2 | 3 4 | 5 | E | 17 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | T | 15 | 116 | 17 |
| <u>coo</u> | RDINATE 5 | <u>105</u> | 50N | | 150N | | 250N | 350 | N | 450 | IN | 55 | ION | | 650 | N | | 750N |
| THU | ERFREIMIIUN | | + | | | | | + + + | | | | + | + | | | | + | |
| N = 1 | 5 - | - 4.9 | 3.9 / 2 | .8 1 | .6 _ 1.3 | 1 .8 | 1 1.9 | 11 18 | 7.4 | 5.4 | 2.5 | 11.8 | .5 | .8 | | .8 | | N = 1 |
| -N=2 | | 8.3 > | 5.2 / 2.2 | 2.7 | 1.9 | 2/ | 1.1 | 5 8.4 | 6.9 | 6.2 | 11: | s file | 8 | .5 | .5 | | .5 | N = 2 |
| N=3 | | 6.1 | / {2.5 | 3 4. | .5 2.4 | 1.1 | / 3.8 | \$ \$7.7 / | 9 | 7.7 | 5.2 | 15/ | T | .5 | | .5 | | N = 3 |
| H=4 | | | 3.3 2.7 | 3.6 | 4.7 1 | 1.7 | 2.6 | 6.1 9.7 | I | 5 6.2 | 14 | .6 \ . | 2//1 | .9 | .5 | | | N = 4 |
| N=5 | | | | | | C | 107 W | 3. | | | | | | | | | | N = 5 |
| N=6 | | | | | | | Nav | | | | | | | | | | | N = 6 |





POSSIBLE NAMES

| ABERFORD LARA L: | 32+00W | X=2: | 5M RHO (O | HM-M> | |
|---------------------|-----------------|-------------------|--------------|----------|-------|
| DIPOLE NUMBER | 2 3 | 4 5 | 6 7 | 8 9 | 10 11 |
| COORDINATE 258 | 25N | 75N | ·125N | 175N | 225N |
| INTERPRETATION | + | -++ | 4 | + | |
| N=1 111 \215 | 250 112048 | 1172/1 485 | × 1707 624 | | N = 1 |
| N=2 60 146 2 | 23 246 2 | 76 678 | 974 1327 1 | 253 | N = 2 |
| N=3 59 92 (181) | > 252 285 | < <u> 531</u> 844 | 713 2601 | 850 | N = 3 |
| N=4 56 93 / 116 / 2 | 219 / 338 / //1 | 43 18 601 1 | 550 / 1425 1 | 839 1175 | N = 4 |
| N=5 | | | | | N = 5 |
| N=6 | | | | | N = t |

| ABERFORD LARA L32+00W X=25M F | PFE | |
|--|---------|-------|
| DIPOLE NUMBER 2 3 4 5 6 7 | 8 9 | 10 11 |
| COORDINATE 258 25N 75N 125N | 175N | 225N |
| INTERPRETATION , , , , , , , , , , , , , , , , , , , | | |
| N=1 1.1 1.2 1 3.8 6 5.6 2 1. | 9 | N = 1 |
| N=2 1.1 1.3 1.1 2.8 4.3 3.5 5.1) 2 | 2.4 | N = 2 |
| N=3 1.6 1 2.6 3.5 2.5 2.5 4.8 2. | .6 2.3 | N=3 |
| N=4 1.5 2.3 3.5 1.1 1.8 2.6 4.6 | 2.9 3.5 | H=4 |
| N=5 | | N=5 |
| N=6 | | N=6 |

| | ABERFORD LARA L32+00W X=25M METAL FACTOR | |
|----------|--|---------|
| DIF | POLE NUMBER 2 3 4 5 6 7 8 | 9 10 11 |
| COC | ORDINATE 258 25N 75N 125N 175N | 225N |
| INI | TERPRETATION , , , , , , , , , , , , , , , , , , , | |
| - 14 = 1 | 9.9 5.6 4 3.6 5.1 12 1.2 3 | N=1- |
| -N=2 | 2 18 8.9 4.9 11 16 5.2 2.6 1.5 1.9 | N = 2 - |
| -N=3 | 17 $(5.5$ 10 12 $(4.7 3 (6.7) 1) (2.7 1)$ | N=3 - |
| H=4 | 13 11 10 7.7 3 4 3.2 1.6 3 | N=4 - |
| N=5 | 5 | N=5 - |
| N=6 | 5 | N=6- |

DWG. NO. - I. P - 5829-17

ABERFORD RESOURCES LTD.

LARA PROPERTY

VICTORIA M.D. ; B.C.

LINE NO . - 32+00W





SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE PROBABLE POSSIBLE

FREQUENCY (HERTZ) 4.0HZ;0.25HZ. DATE SURVEYED OCT-NOV 1982 APPROVED

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1,-1.5 -2,-3,-5,-7.5,-10



PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

| ABERFORD LARA L2 | 8+00W | X=25M | RHO (O | HM-M) | |
|----------------------------------|------------|--------------|------------|------------|---------------|
| DIPOLE NUMBER COORDINATE 1255 | 2 3 755 | 4 5 | 6 7 25N | 8 9 75N | 10 11 125N |
| N=1 761/14367 | 991 1239// | 2478 // 963 | 1503 1188 | -++ | H = 1 |
| N=2 347 1421 11 | 93 963 26 | 90 /1467 962 | 2066 1 | 753 | N = 2 |
| N=3 265 712 421 | 930 1910 | 1933 1229 | 1133 2763 | 2006 | N = 3 |
| N=4 199 / 523 / 244 2 | 1565 12 | 93 1663 140 | 3 1489 | 266 1846 | N = 4 |
| N=5 | | | | | N = 5 |
| N=6 | | | | | N=6 |

| | ABERFORD | LARI | A L 28 | +001 | 4 | | | | X=25 | М | PFE | | | | | |
|---------------|--------------------|------------|----------|------|-------------|-----|-----|-------|------|-----|-----|-----|-----|-----|----|-------|
| DIPO | LE NUMBE | R | | 2 | 3 | 4 | L | 5 | 6 | T | 7 | 8 | T | 9 | 10 | 1 11 |
| COOR I'NTE | DINATE RPRETATI | 1259 0N | <u> </u> | VI | 255 7/11 | | 259 | ; | • | 251 | | | 75N | | ſ | 251 |
| N=1 | | 3 | 1.1 // | 2.5 | 13 | 2. | 1 | 2.2 | 2.1 | 1 | 1.6 | | | | | N = 1 |
| N=2 | 1 | 1 | (2.1 | () | 2.3 | 3.1 | 2.6 | 2 | .7 | 2.3 | | 2 | | | | N = 2 |
| - N = 3 | 1.1 1 | | 1.7 | 2.3 | 2.3 | 3. | 1 | 3.6 | 3.1 | ~ | 2.7 | 2.6 | * | Som | | N=3 |
| N=4 | 1.6 | 2.1 | 2.1 | | 1.9 | 2.5 | 3.5 |) 3 | .1 | 3.1 | | 3 | 3.3 | | | N = 4 |
| N=5 | | | | | | | | | | | | | | | | N=5 |
| N=6 | | | | | | | 1 | | | | | | | | | N=6 |

| ABERFORD LARA L | 28+00W | | X=25M | METAL F | ACTOR | | | |
|-----------------|----------|--------------|---------|---------|---------|--------------------|-----|---------|
| DIPOLE NUMBER | 2 | 3 4 1 | 5 6 | 5 7 | 8 | 9 | 10 | 11 |
| COORDINATE 1255 | 759 | 3 25 | S | 25N | 75 | N | 125 | N |
| INTERPRETATION | | | | | ++ | Contraction of the | | |
| N=1 .4 .3 | 11 2.5 | 2.4 11 1.8/1 | 12.3 14 | .4 1.3 | | | | N'= 1 - |
| N=2 2.9 .7 | 1.8 2.4 | // 12 / 1.8 | 3 2.8 | 1.1 1 | .1 | | | N=2 - |
| N=3 4.2 2.2 4 | 2.5 | 1.2 1.6 | 2.9 2 | 7 1 1 | 1.3 | | | N=3 - |
| N=4 3.1 8.6 | 7 \\/1.2 | 1.9 - 2. | 1 2.2 | 2.1 | 9 / 1.8 | 3 | | N=4 · |
| N = 5 | | | | | | | | N=5 · |
| N=6 | | | | | | | | N=6 · |

ABERFORD RESOURCES LTD.

LARA PROPERTY

VICTORIA M.D.)B.C.

LINE NO -28+00W



75.5



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE PROBABLE POSSIBLE

FREQUENCY (HERTZ) 4.0HZ;0.25HZ DATE SURVEYED OCT-NOV 1982 APPROVED

NOTE- CONTOURS AT LOGARITHMIC INTERVALS. 1,-1.5 -2,-3,-5,-7.5,-10



PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY

- 25-50m



| ABE | RFORD LARA | L26+00W | X=501 | 1 RHO (OF | HM-M) | | | | |
|-------------------------------|---------------------------------|--|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-------------------------------------|--------------------------------------|--------------|
| DIPOLE COORDINI INTERPR | NUMBER ATE 1505 Etation | 2 3 50S | 4 5 50N | 6 7 150N | 8 9 250N | 10 11 350N | 12 13 450N | 14 15 550N | 16 |
| N = 1 N = 2 N = 3 12 | 186 247 163 188 28 185 35 | 7 1482 1292 430 1238 563 2 371 493 | 623 731 1137 133 934 2138 | 766 602 34 563 3 1160 322 | 506 965 78 638 75 466 515 | 706 1905 0 813 22 808 935 | 1663 1048 13 1719 1 2423 1642 | 475 1493 015 1348 28 2528 2123 | 366 (3732 |
| N=4 124 | 158 <mark>/ 33</mark> 3 | 308 - 167 672 | 1636 18 | 84 665 3 | 361 335 47 | 8 864 11 | 40 2375 3 | 537 3291 24 | 464 /5 |
| N=5 | | | | | | | | | |
| | | | | | | 4 | | | |

| | ABERF | ORDL | ARA L2 | 26+00N | 11 | | X=50M | PFE | | | | | | | | M 10 8 = | |
|----------|--------------------|-------|--------------|--------|------------------|------------|---------|----------|-------------|------------------------------------|----------|--------|-------|--------|---------|----------|---------|
| DIF | OLE NUR | 1BER | | 21 | 3 | 4 5 | 5 6 | 17 | 8 | 9 1 | 0 1 | 1 12 | 13 | | 5 16 | 1 17 | 18 19 |
| 000 | DRDINATE | 1 | 508 | 509 | 6 | 50N | 1 | 50N | 250H | | 350N | 4 | 150N | 550N | 65 | 50N | 750N |
| INT | TERPRET | ATION | | ++- | | | | | tale tale (| In the second second second second | | | | + | | + | # |
| - 14 = 1 | | .5 | .6 | 1.5 | 1.5 | 1.5 | 2 / 4.2 | 4.2 / | 6.3 | 5.1/ 4 | 1.1 1/1. | 6 1 .6 | .5 | .9/12 | .1 | 1.40 | N = 1 - |
| -N=2 | 1.004 | 5 | .5 / 1 | .3 1.5 | 1.1 | \$ / 2.1 / | 4.2 | 4.5 5 | .1 5.1 | 4.8 | 3.8 | 1.8 | 3 | 1 4.5 | -1.7 | | N=2 - |
| -N=3 | .ε | .5 | < <u>1.1</u> | 1.1 | - ^{1.1} | 2.1 / 4 | .1 5.1 | 5.8 | \$ 4.8 | 4.6 4 | .6 4. | 3 2.1 | 1.1 | 1.3 1. | 2)/ 2.5 | | N=3 - |
| N = 4 | . <mark>e</mark> . | 5 | .5 . | .5 .8 | 1/18 | 4.5 | -5.1 | 5.8 / 4. | .3 3.6 | 4.8 | 4.5 | 4.3 | 2.8 1 | .6 1.5 | 2.1 | 3 | N=4 - |
| H = 5 | | | | • | | | | | | | | | | | | | N=5 - |
| N=6 | | | | | _ | | | | | | | | | | | | N=6 - |

| ABERFORD LARA L26+00W | X=50M | METAL FAC | стор | | | | |
|--|------------|-------------|-----------------|--------------------|---------------|------------------|----|
| DIPOLE NUMBER 2 3 COORDINATE 150S 50S INTERPRETATION | 4 5 50N | 6 7 150N | 8 9 250N | 10 11 350N | 12 13 450N | 14 15 550N | 16 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 2.4 2.7 | 5.5 7 | 12 5.9 8 6.4 | 5.8 .9 4 4.7 .8 | .4 .5 | 1.9 1.4 1 1.1 | .6 |
| N=4 4.8 3.2 1.5 1.6 4.8 2.7 | 7 2.8 2. | 7 8.7 12 | 11 16 | 5.2 3. | 8 1.2 | .4 .5 | .a |
| N = 6 | | | | | | | |

DWG. NO -1 P-5829-19

ABERFORD RESOURCES LTD.

LARA PROPERTY

VICTORIA M.D.,B.C.

LINE NO -26+00W





• SURFACE PROJECTION OF ANOMALOUS ZONE

FREQUENCY (HERTZ) 4.0HZ;0.25HZ.

NOTE- CONTOURS AT LOGARITHMIC INTERVALS, 1,-1,5 -2,-3,-5,-7,5,-10

DEFINITE PROBABLE POSSIBLE

> DATE SURVEYED OCT-NOV 1982 APPROVED



PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

| 117 | 18 | 19 |
|-----|----|---------|
| NUN | | 50N |
| | | N = 1 - |
| | | N=2 - |
| | | N=3 - |
| 56 | | N=4 - |
| | | N=5 - |
| | | N=6 - |





| | ABERFORD LARA L | 24+000 | X=501 | 1 RHO (OH | IM-M> | | | | The Day |
|--------------|--------------------------------------|------------------------|----------------------|---------------------|-------------------------------|-----------------------|-------------------------|--------------------------|---------------|
| DIPO COOR | LE NUMBER | 2 3 150S | 4 5 50S | 6 7 50N | 8 9 150N | 10 11 250N | 12 13 350N | 14 15 450N | 16 |
| N=1 | 380 260 291 261 | 276 269 201 219 281 | 285 412 330 77 | 679 475 1 830 5 | <u>391</u> 1102 47 709 955 | 907 1140 5 1275 70 | 846 2518 3 1054 3 | 1489 1697 750 1115 9 | 131 |
| -N=3 -N=4 | 285 186 195 173 <mark>13</mark> 6 | 158 217 146 176 243 | (311 565) 484 71 | 924 918 3 998 14 | 911 611 112 670 85 | (1235 633 5 601 61 | 821 (1629) 8 (1215 1 | 2708 1267 1158 2565 2 | 1798 175 7 |
| N=5 | | | | | | | | | |

| | ABERFORD | | L24+00W | | | | X=50M | PF | E | | | | | • | ARY na- | |
|---------|------------|--------|---------|------|---------|-----|-------|------|-----|-------|-------|------|---------|---------|---------|---------|
| DIP | OLE NUMBER | R | 2 | 3 | 4 | 15 | 6 | 7 | 18 | 3 9 | 10 | 111 | 12 13 | 14 15 | 1 16 17 | 18 19 |
| C001 | RDINATE | 2505 | 15 | 50S | 5 | ØS | | 50H | | 150N | | 250N | 350N | 450N | 550N | 650N |
| INTE | ERPRETATI | ON | | | | + | | + | | | 1111 | 11 | | + | | |
| - N = 1 | 1. | .4 1.2 | 1.6 | 1.2 | 1.4 | 1.1 | 1.1 | 1.6 | 12 | 2.1 3 | . 3.9 | 3.6 | 2 1.1 | 1.1 1.6 | 1 N 1 | N = 1 - |
| N=2 | 1.8 | 1.8 < | 2.3 1 | .6 1 | ا حرقاً | 1.4 | 1.2 | 1.3 | 2.1 | 3.5 | 5 | 5.1 | 3.6 2.1 | 1.1 1.3 | 1.6 | N=2 - |
| -N=3 | 2.1 > 1. | .7 1.7 | 1.2 | (.) | 1.2 | 116 | 1.4 | /2.1 | 3 | .7 (5 | 5.6 | 4.6 | 3.6 2.5 | 1.6 1.6 | 1.6 | N = 3 - |
| N=4 | 1.7 | 1.2 | 1.1 | 1.1 | .9 | 1 | 1.7 | 2.1 | 3.6 | 4.8 | 5.1 | 5.1 | 4.6 3.9 | 3 1.6 | 1.3 1.8 | N=4 - |
| N=5 | | | | | | | | | | | | | | | | N=5 - |
| N=6 | | | | | | | | | | | | _ | | | | N=6 - |

| | ABERF | ORD | | L 2,4 | +00W | | - | | X=5 | 50M | M | ETAL | FAC | TOR | 1 | | | | | | | | 100 | |
|---------|--------|------|------|-------|------|------------|-----|-----|-------|------|-----|------|-----|---------|------------|--------|------|--------|-------|------|------|-------|------|-----|
| DIP | OLE HU | MBER | 1 | | 2 | 3 | T | 4 | 5 | T | 6 | 17 | T | 8 I | 9 | 1 10 | T | 11 | 112 | 11 | 3 | 14 | 15 | 116 |
| 000 | RDINAT | E | 2505 | | 15 | 505 | | 5 | 50S | | 1 | 50N | | 151 | <u>0 N</u> | | 2501 | N | - | 350N | | 45 | ON | 5 |
| INT | ERPRET | ATIO | N | | | | | | + | | | + | | 1888888 | | | | 111011 | | | | | | 1 |
| - N = 1 | | 3.7 | 4 | .6 | 5.8 | 4.5 | | 4.9 | 12. | 7/ | 1.6 | 1/3. | 4 \ | 5.4 | 2.7 | 4.3 | 1 | 3.2 | 2.4 | 111 | .4 | .7] | 12.3 | |
| N=2 | E | .2 | 6.9 | 11 | 27 | .3 | 5.7 | > | 4.2 > | (1.6 | | 1.6 | 3.8 | 4. | 9 | 5.2 > | 4 | | 5.1 | 2 | 1 .3 | (1 | .2 | 1.7 |
| -N=3 | 7.4/ | 9.1 | 8 | .7 | 7.6 | 4.1 | | 3.9 | 2.8 | 8 / | 1.5 | / 2. | 3 | 4.1 | (8.2) | > (4.5 | /_ | 7.3 | L4.4 | 16 | 1.5 | .6 | 1.3 | .9 |
| N=4 | 5 | .8 | 8.8 | 7.5 | 6 | .3 \ | 3.7 | / | 2.1 | 2.4 | | 2.1 | 2.5 | 7. | 2 | 6 | 8.5 | 1. | 7.4 \ | 3.2 | 2.6 | 111 . | 6 | .5 |
| N=5 | | | | | | | | | | | | | | | • | | | | | | | | | |
| N=6 | | | | | | | | | | | | - | | | | | | | | | | | | |

ABERFORD RESOURCES LTD.

LARA PROPERTY

VICTORIA M.D. ; B.C.



LINE NO -24+00W



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE FROBABLE POSSIBLE





FREQUENCY (HERTZ) 4.0HZ;0.25HZ.

.

NOTE- CONTOURS AT LOGARITHMIC INTERVALS, 1,-1.5 -2,-3,-5,-7.5,-10

PHOENIX GEOPHYSICS LTD

INDUCED POLARIZATION

| 17 | 18 | 19 |
|------|-----|-------|
| 50N | 65 | ØN |
| | 110 | N=1 - |
| | | N=2 - |
| | | N=3 - |
| 2307 | | N=4 - |
| | | N=5 - |
| | | N=6 - |





| | ABERFORD LARA L2 | 2+000 | X=50M | RHO (OH | IM-M) | | | | |
|--------------------------|---|---|---|---|---|--|--|--|-----------------|
| DIF | OLE NUMBER RDINATE 2505 ERPRETATION | 2 3 1505 | 4 5 50S | 6 7 50N | 8 9 150N | 10 11 250N | 12 13 350N | 14 15 450N | 16 |
| N=1 N=2 N=3 N=4 | 181 209 134 123 20 122 100 199 109 91 173 20 | 447 248 66 332 295 (321 339 84 349 244 | 632 489 5 506 122 212 (1000 399 57 | 792 302 23 516 4 785 647 8 854 6 | 766 439 56 938 47 491 1055 51 589 16 | 352 419 6 579 55 780 757 512 950 95 | 371 503 57 566 9 790 1102 50 1407 1 | 764 646 65 1025 67 1537 987 691 1390 80 | 5 583 2 8 |
| N=5 | i | | | | <u>.</u> | •• | · · · · · · · · · · · · · · · · · · · | • | · |

| | ABER | RFOR | DLA | RA | L22+ | 0011 | | | | × | =50M | PF | E | | <u> </u> | | | | | | | | 1 | | 4 | |
|------------|----------------|--------------|----------|----|------|-------|---------|----|------------|------|------|------------|-------|-----------|----------|-----------|-------|----|----------|-----|----------|---------|-----|-----------|-----|-----------------|
| DIP COO | OLE N RDINA | IUMBI ITE | ER 25 | 05 | | 2 156 | 3)S | 1 | 4 50S | 5] | 65 | 1 7 0 N | 18 | 9 150N | 1 | 0 250N | 11 | 12 | 13 0N | 1 1 | 4 450 | 15 N | 16 | 1 550N | 7 1 | 18 19 650N |
| LINT | ERPRE | TAT | ION | | + | + | | -+ | + | +- | | + | + | | | | | + | | -+ | | | + | + | + | |
| - N = 1 | | | .6 | .6 | 1 | 1.1 | .6 | | .5 / | 1 11 | 2.3 | 1.6 | 1. | 2 1. | 2 \ | .8 | .5 | .5 | .5 | .6 | 5 | .9 | | | | N = 1 |
| N=2 | | .9 | | 6 | 4 | .6 | | .8 | 51 | //2 | 2 | .9 | 2.3 | 2.1 | 15 | 1.1 | 1.1 | .6 | i d | .6 | 1 | | .6 | | | N = 2 |
| N=3 | .8 | | .6 | .6 | | .8 | .6 | | .8 11/2 | 2.2 | 2.6 | / 3.5 | 2. | 6 <3. | I Z | 2.1 | 1.5 4 | .8 | .8 | | | > 1 | 1 | | | N = 3 |
| N=4 | .8 | .7 | • | 6. | .8 | .8 | | .ε | | 2.5 | 13 | 3.1 | 3.6 / | 1.8 | 3.6 | 2.6 | 1.9 | T | | 1.3 | \sim_1 | / | 9 1 | 1.1 | | N = 4 |
| N=5 | | | | | | | | | | | | | | | | | | | | | | | | | | N=5 |
| N=6 | | | | | | | | | 1. | | | | | | | | | | | | | | | | | N=6 |

DWG. NO. - I . P - 5829-21

ABERFORD RESOURCES LTD

LARA PROPERTY

VICTORIA M.D. JB.C.

LINE NO .- 22+00W





SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE PROBABLE POSSIBLE ANALAN

> DATE SURVEYED: OCT-NOV 1982 APPROVED



FREQUENCY (HERTZ) 4.0HZ;0.25HZ.

NOTE- CONTOURS AT LOGARITHMIC INTERVALS. 1,-1.5 -2,-3,-5,-7.5,-10

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION

| a | | |
|-----------|------------|-----------|
| 17 0 N | I 18 65 | 19 50N |
| + | + | + |
| | | N=1 - |
| | | N=2 - |
| | | N=3 - |
| 22 | | N=4 - |
| | | N=5 - |
| | | N=6 - |



| ABERFORD LARA LI | 18+00W | X=50M | RHO (O | HM-M) | | | | |
|---|------------------------------------|-------------------|-----------------------|----------------------------------|---------------------|-------------------------------|--------------------------|----------------|
| DIPOLE NUMBER COORDINATE 750S | 2 3 650S | 4 5 1 550s | 6 7 450S | 8 9 350S | 10 11 2505 | 12 13 1505 | 14 15 50S | 16 |
| N=1 158 95 N=2 135 118 95 N=3 153 102 113 | 134 122 1144 82162 111 6 | 41 175 119 188 | 186 <u>207</u> 157 | 253 383 188 263 43 287 481 | 350 362 4 490 54 | 435 479 9 633 5 665 782 | 475 428 69 455 537 | N=1 · N=2 · |
| N=4 146 109 95 1 N=5 | 22 77 114 | 104 154 | 210 | 193 294 47 | 5 719 71 | 7 725 6 | 09 | N=4 N=5 |
| N = 6 | | | | | L | | | N=6 - |

| | A | BER | FOI | RD | LAR | AL | .18 | +00 | М | | | | | | X = | 501 | 1 | PF | E | | | | | | | | | | | | | | • | | 300 |
|---------|-----|-----|-----|-----|-----|----------|-----|-----|-----|----------|----|----|-----|-----------|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|----------|------|-----|----|----|-------|
| DIP | OLI | EN | UME | BER | | | Τ | 2 | Т | 3 | | 4 | Т | 5 | 1 | 6 | Т | 7 | 1 | 8 | Τ | 9 | L | 10 | Ι | 11 | Τ | 12 | | 13 | | 14 | 1 | 5 | 16 |
| 000 | RD | INA | TE | | 750 | <u>s</u> | | ŧ | 550 | <u>s</u> | | | 550 | <u>s</u> | | • 4 | 50 | S | | 3 | 505 | i | | 2 | 250 | S | | 1 | 50: | <u>s</u> | | 5 | 05 | | |
| INT | ERI | PRE | THI | 101 | 4 | | -+ | | -+- | | -+ | | -+ | | -+- | | -+- | | | | + | | + | | + | | + | | -+ | | -+ | | + | | |
| • N = 1 | | | | .5 | | .4 | | .4 | | .3 | | .7 | | .5 | | .8 | | .8 | | .7 | | .3 | | .3 | | .5 | | .3 | | .9 | | .5 | | .7 | N=1 - |
| N=2 | | | .6 | | .6 | | .7 | | .4 | | .4 | | .8 | / | 1 | | 1.1 | | 1 | | 1 | 1 | .7 | | .8 | | .5 | | .5 | | 2.1) | > | 1 | | N=2 - |
| N=3 | | .8 | | .7 | | .6 | | .6 | | .5 | | .8 | | <u>(1</u> | | 1.2 | | _1 | - | 1.2 | | 1.1 | | 1.4 | ~ | .7 | / | 1.4 | 1 | .8 |] | 1.3 | | | N=3 - |
| N=4 | .7 | | .6 | | .6 | | .7 | | .6 | | .7 | | .6 | | .8 | | .9 | | .9 | ~ | 1 | | 1.4 | / | 1.7 | | 1.7 | 1 | 1.1 | | 1 | | | | N=4 - |
| N=5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | N=5 - |
| N=6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | | N=6 - |

| ABERFORD LARA L18+00W X=50M METAL FACTOR | |
|--|--------------------------------------|
| DIPOLE NUMBER 2 3 4 5 6 7 8 | 9 10 11 12 13 14 15 16 |
| COORDINATE 750S 650S 550S 450S 350S | <u>2503 1505 505</u> |
| INTERPRETATION , , , , , , , , , , , , , , , , , , , | |
| N=1 3.2 4.2 3 2.5 5 2.9 4.3 3.9 2.8 | .8 .9 1.4 .7 1.9 1.1 1.6 N=1 |
| N=2 4.4 5.1 7.4 2.8 4.9 6.7 5.3 7 5.3 3.8 | 16 1.6 1.9 .8 (3.7) 2.2 N=2 |
| N=3 5.2 6.9 5.3 5.9 4.5 9.5 6.8 6.3 5.9 5.8 (2 | 2.7 2.4 1.1 2.1 1.1 2.4 H=3 |
| N=4 4.8 5.5 6.3 5.7 7.8 6.1 5.8 5.2 4.3 4.7 3.4 | 2.9 2.4 2.4 1.5 1.6 N=4 |
| N=5 | N=5 |
| N = 6 | N=6 |

DWG. NO. - I. P. - 5829-22

ABERFORD RESOURCES LTD.

LARA PROPERTY

VICTORIA M.D. B.C.

LINE NO .- 18+00W





SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE PROBABLE POSSIBLE

FREQUENCY (HERTZ) 4.0HZ;0.25HZ.

DATE SURVEYED: OCT-NOV 1982 APPROVED

| | PAC | |
|------|------------|--|
| DATE | FEB. 14/83 | |

NOTE- CONTOURS At Logarithmic Intervals. 1,-1.5 -2,-3,-5,-7.5,-10

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION





| | ABERFORD | LARA L14 | +00W | | X=50M | PFE | | | 3.44 |
|---------|-------------|----------|-------|--------|---------|--------------|--------------|-------------------|-------|
| DIF | POLE NUMBER | 2 | 2 3 | 4 5 | 5 6 1 | 7 8 9 | 10 11 | 12 13 14 15 | 16 |
| COU | DRDINATE | 8005 | 7005 | 6005 | 5009 | 5 400S | 3005 | 2005 1005 | |
| IN | TERFRETATIO | N H | | | | | 11121111 | | |
| - N = 1 | .6 | 1.1 | .6 .8 | .5 . | 8 .6// | 1.8 .6 1 3.8 | 1 7 2.6 | 6.6 4.9 4.5 | H = 1 |
| -N=2 | 2 | .8.7 | .8 < | 1.1 .6 | 1.1 1.6 | 1.8 2.1 | (5.6 4.4 6.3 | 4.1 4.8 4.3 | N=2 |
| -N=3 | 5 | .6 | .8 .8 | 1 | 1 1.6 | 1.6 4.5 2.3 | 5.6 4 | 4.2 4.6 4.9 | N=3 |
| N=4 | | 1.1 | / 1.1 | .6 1 | 2.3 1.6 | 4 5.1 | 3.5 4.1 2.6 | 4.8 4.8 | N=4 |
| N=5 | 5 | | | { | | | | | N = 5 |
| N=6 | 5 | | | | | | | | N=6 |



ABERFORD RESOURCES LTD.

LARA PROPERTY

VICTORIA M.D. ; B.C.



LINE NO .- 14+00W



SURFACE PROJECTION OF ANOMALOUS ZONE

PROBABLE

FREQUENCY (HERTZ) 4.0HZ;0.25HZ. DATE SURVEYED: OCT-NOV 1982 APPROVED

| | PAC |
|------|------------|
| DATE | FEB. 14/83 |

NOTE- CONTOURS AT LOGARITHMIC INTERVALS. 1,-1.5

-2,-3,-5,-7.5,-10

PHOENIX GEOPHYSICS LTD.

INDUCED FOLARIZATION

