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REPORT ON
INDUCED POLARIZATION SURVEY
ON
BUZZER & ROWBOTTOM CLAIM GROUPS
FOR
SCURRY-RAINBOW OIL LIMITED
BY
CANADIAN AERO MINERAL SURVEYS LIMITED
Project No. 9664

CANADIAN AERO *Mineral Surveys* LIMITED

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PROJECT NO. 9664

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CANADIAN AERO *Mineral Surveys* LIMITED

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I. INTRODUCTION

From 9th. August, 1969 to 20th. October, 1969, an induced polarization survey was carried out by Canadian Aero Mineral Surveys Limited on Buzzer & Rowbottom claim groups of Scurry-Rainbow Oil Limited. The purpose of the survey was to delineate the zones of mineralization.

II. AREA & ACCESSIBILITY

The claim groups Buzzer & Rowbottom are located 110 miles N.W. of Williams Lake.

This prospect may be reached either by road transportation or by air using float planes. The float base is located at Tesako Lake approximately 16 miles from the surveyed areas.

III. GENERAL GEOLOGY

* The survey areas are composed of sedimentary and plutonic rocks of Lower Cretaceous to Tertiary age. The Cretaceous formations are represented by mainly vari-coloured andesitic pyroclastic rocks intercalated in places with grey, greenish grey and mauve massive or porphyritic flows, interbedded with shales and conglomerates.

The plutonic rocks of cretaceous to tertiary age are represented in the area by greenish granodiorite and diorite with indistinct to prominent gneissosity, granite and aplite dykes.

Reference used: * Geological Survey of Canada - Map 29 - 1963, Taseko Lake, British Columbia, 92 - O.

IV. FIELD PROCEDURE AND INSTRUMENTATION

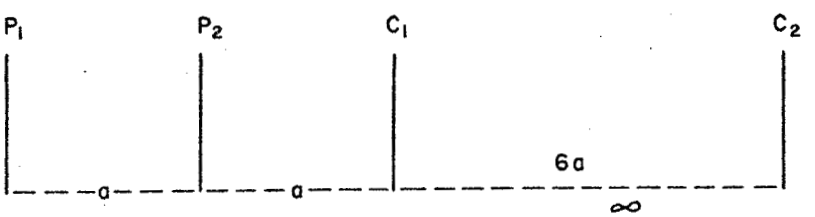
A description of induced polarization might best begin with the elementary observations of its presence. If an electrical pulse is applied to some rocks and then released, a transient voltage may be observed. Such transient voltages are often of the order of a few millivolts per volt of pulse applied, a few milliseconds after cessation of that pulse.

Mineralized rocks, containing sulphides, magnetite and other naturally occuring electronic conductors are known to exhibit the phenomenon of induced polarization when a continuous wave of transient current is forced to flow through them. This phenomenon arises due to the existence of chemical and electro-chemical barriers between the metallic and liquid portions of the current conduction paths through the rocks. The current carrying particles have to overcome these barriers in order to allow the current flow across the interfaces. Hence, this current is

maintained by an additional voltage drop over and above the drop caused by ohmic losses in the voltage. It is often referred to as the "overvoltage".

The method used in the field for induced polarization measurements is the study of the secondary current decay after the primary current is turned off. This method utilizes the fact that the characteristics of the transient decay of the secondary current, when the primary current is shut off, are determined by the presence of polarized particles in the rock. The duration of the secondary current is very large, of the order of several seconds compared to that of an eddy current.

The three array electrode configuration was used for this survey and the electrode spacings were 200' and in some cases 50' and 400' were also used.



Three-array configuration where P_1 and P_2 being the potential electrodes and C_1 and C_2 are the current electrodes.

Induced polarization and resistivity measurements were made in the time domain of operation.

The time cycle of measurements used in this survey consisted of alternate 2.0 seconds "ON" and 2.0 seconds "OFF" periods with consecutive "ON" periods being of reverse polarity. Secondary voltage was measured by integration during the period from 0.45 seconds to 1.10 seconds after cessation of the transmitter current "ON" period.

Measurement of the secondary voltage was delayed 0.45 seconds after cessation of the transmitter "ON" period to avoid coupling and transient effects.

In order to obtain standard presentation the integrator time constant was adjusted in such a way that the induced polarization readings in this case were equivalent to those obtained by using a transmitter cycle of 3.0 seconds "ON" seconds "OFF" with integration of the secondary voltage decay during the first second of the "OFF" period.

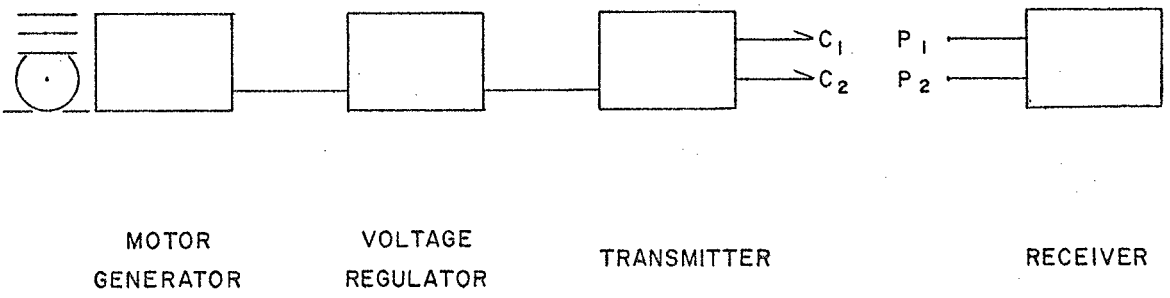
INSTRUMENTATION

The induced polarization measuring equipment used for this survey consists of:-

(I) A motor generator, (II) a voltage regulator,

(III) transmitter (IV) a receiver (V) electrodes

(VI) wire.



Induced polarization Measuring Equipment.

A conventional 400 cycles A.C. motor generator in conjunction with a voltage regulator is used as a current source for modified Sharpe instrument's transmitter. The transmitter capable of delivering 2.5 kw, incorporates an electronic timing device designed by Canadian Aero Mineral Surveys Limited. The I.P. receiver is the high sensitivity, light weight, all weather and water proof "Newmont" unit manufactured by Data Control System Inc., Danbury, Connecticut.

This I.P. receiver provides resistivity and chargeability readings via an automatic programmer having three consecutive outputs. The I.P. signal is detected, processed and programmed to indicate "M" or "L" read outs.

The value of the chargeability (M) is read directly. The receiver is self triggering which affords a significant advantage in speed of operation. The timing measurement is such as to virtually eliminate necessity for connecting magnetic coupling.

Stainless steel electrodes are used for current and the porous pots for the potential electrodes. Single conductor heavy wire is used for the survey.

V. INTERPRETATION OF RESULTS

The results of the induced polarization survey are presented on combined apparent chargeability and apparent resistivity profiles at a scale of 1" = 200'. Chargeabilities are plotted at a scale of 1" = 20 milliseconds, and apparent resistivities are plotted on a scale of 3.9" = 1 cycle (100 - 1000 ohm meters). The chargeability data for the claim groups of Rowbottom & Buzzer obtained by 200' spacing is presented on two respective contour plans at a scale of 1" = 100' and one at 1" = 200'. The contour interval used is 5 milliseconds.

Most of the lines are 400 feet apart and few lines are also 200' apart.

Several anomalous zones are observed on both claim groups.

A. ROWBOTTOM CLAIM GROUP

The Rowbottom claim group indicates the presence of well marked SE striking anomalous zone. This zone is further divided into subzones A to E. These subzones are represented by various anomalies occuring at different stations on different lines. These anomalies for subzone A are as follows:

Subzone A

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
2S for 200' spacing	0 + 00 to 3W	45 milliseconds (at 3W)	804 ohm meters
4S for 200' spacing	0 + 00 to 6W	55.2 milliseconds (at 4W)	105.3 ohm meters
6S	0 + 00 to 3W		
i) for 200' spacing	0 + 00 to 3W	78.0 milliseconds (at 3W)	1030 ohm meters
ii) for 400' spacing	0 + 00 to 3W	45. milliseconds (at 5W)	629 ohm meters
iii) for 50' spacing	0 + 00 to 3W	105.0 milliseconds (at 2W)	793 ohm meters
8S for 200' spacing	0 + 00 to 7W	57 milliseconds (at 5W)	612 ohm meters
12S for 200' spacing	0 + 00 to 8W	34.2 milliseconds (at 6W)	910 ohm meters

On Line 2S - The anomalous area extends from 0 + 00 to 3W. The chargeability and resistivity values range from 30 to 45 and 243.6 ohm meters to 804.3 ohm meters respectively.

On Line 4S - The anomaly is occuring at 0 + 00 to 6W. The chargeability and resistivity values vary from 32.1 milliseconds to 55.2 milliseconds and 105.3 ohm meters to 395.3 ohm meters. A resistivity low (105.3 ohm meters) and chargeability

high (55.2 milliseconds) is noticed at 4W. In order to test this anomaly a shallow vertical hole with collar at 4W is suggested.

On Line 6S

The anomaly extents from 0 + 00 to 8W. The resistivity and chargeability values for 200', 400' and 50' spacings range from 35.0 milliseconds to 78.0 milliseconds and 376.0 ohm meters to 1939.3 ohm meters, 33 milliseconds to 45.2 milliseconds and 2.0 milliseconds to 105.0 milliseconds and 126.0 ohm meters to 792.8 ohm meters. The apparent chargeability and resistivity profiles at 50', 200' and 400' spacings indicated a chargeability high of 105 milliseconds at 2W, 78.0 milliseconds at 3W and 45.0 milliseconds at 5W. Corresponding to resistivity value of 793 ohm meters at 2W, 1030 ohm meters at 3W and 629.0 ohm meters at 5W. In order to test this anomaly a drill hole is recommended at 4W. This hole should be drilled 45°E along the line and should be shallow.

~~45°~~ -45°

On Line 8S

On this line the anomaly is exposed at 0 + 00 to 7W. The resistivities and chargeabilities in this case range from 18.6 milliseconds to 57.0 milliseconds and 277.6 ohm meters to 784.4 ohm meters respectively. The apparent chargeability and resistivity profiles indicate a chargeability high of

57.0 milliseconds, corresponding to a resistivity of 612 ohm meters. In order to test this anomaly a shallow hole should be drilled at 6W 45° along the line.

On Line 12S

The anomaly occurs at 0 + 00 to 8W. The resistivity and chargeability values range from 8.8 milliseconds to 34.2 milliseconds and 339.2 ohm meters to 373.8 ohm meters.

In all three holes are recommended to test this subzone. They are in order of preference.

i) At 5W on line 6S.
(Shallow 45° E along the line).

ii) At 4W on line 4S.
(Shallow vertical hole).

iii) At 6W on line 8S.
(Shallow 45° E along the line).

The subzones B, C, D and E are as follows:

Subzone B

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
0 + 00			
i) for 200' spacing	4W to 2E	66 milliseconds (at 2W)	1160 ohm meters
ii) for 400' spacing	6W to 6E	43.8 milliseconds (at 2E)	1057 ohm meters

The subzone B is represented by line 0 + 00. The anomalies of this zone extend from 4W to 8E. The chargeabilities and resistivities for 200' spacing vary from 28.5 milliseconds to 66.0 milliseconds and 189.7 ohm meters to 1891.4 ohm meters respectively. For 400' spacing this anomalous zone extends from 6W to 6E. The resistivity and chargeability values range from 269.6 ohm meters to 1733.7 ohm meters and 19.5 milliseconds to 43.8 milliseconds. The apparent chargeability and apparent resistivity values for 200' and 400' spacing indicate a chargeability high of 66.0 miliiseconds at 200', 43.8 milliseconds at 2E associated with a resistivity high of 1160 ohm meters at 2W and 1057 ohm meters at 2E.

In order to test this anomalous zone a shallow vertical hole is suggested at 2W on line 0 + 00.

Subzone C

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
0 + 00			
i) for 200' spacing	2E to 5E	48.6 milliseconds (at 4E)	948.0 ohm meters
ii) for 400' spacing		43.2 milliseconds (at 4E)	984.0 ohm meters

This subzone extends from 2E to 5E on line 0 + 00. The chargeability and resistivity values for 200' spacing range from 28.5 milliseconds to 43.8 milliseconds and 947.8 ohm meters to 1891.4 ohm meters. For 400' spacing the anomalous zone extends from 3E to 5E. The chargeability and resistivity values vary from 20.4 milliseconds to 34.2 milliseconds and 983.5 ohm meters to 1733.7 ohm meters respectively.

Subzone D

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
0 + 00			
i) for 200' spacing	5E to 8E	49.2 milliseconds (at 7E)	280 ohm meters
ii) for 400' spacing		18.0 milliseconds (at 8E)	1520 ohm meters

This subzone extends from 5E to 8E on line 0 + 00. The chargeabilities and resistivities for 200' spacing range from 28.5 milliseconds to 49.2 milliseconds and 189.7 ohm meters to 1723.5 ohm meters. For 400' spacing the values vary from 18.9 milliseconds to 30.0 milliseconds and 983.5 ohm meters to 1733.7 ohm meters.

In order to test this anomalous zone a shallow vertical hole is suggested at 7E. There appears to be a resistivity contact which may be due to the change of rock types.

Subzone E

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
4N for 200' spacing	0 + 00 to 10E	46.2 milliseconds (at 5E)	1940 ohm meters

This anomalous zone is represented by line 4N. It extends from 0 + 00 to 10E. The chargeability and resistivity values for 200' spacing vary from 15.6 milliseconds to 46.2 milliseconds and 822.9 ohm meters to 2236.7 ohm meters.

In order to test this zone a shallow hole at 6E 45°E along the line is proposed.

Buzzer Claim Group

The I.P. survey of this claim group indicates the presence of a E-W striking huge anomalous zone. There are several other anomalous areas which along with the E-W striking anomalous zone are classified into zones A to P.

Zone "A"

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
60W for 200' spacing	25S to 39S	50 milliseconds (at 26S)	179.4 ohm meters
64W for 200' spacing	25S to 30S	53.4 milliseconds (at 29S)	515.6 ohm meters
68W for 200' spacing	21S to 35S	67.5 milliseconds (at 28S)	349.7 ohm meters
72W for 200' spacing			
i)	37S to 39S	44.4 milliseconds (at 38S)	464.2 ohm meters
ii)	33S to 35S	57 milliseconds (at 34S)	369.7 ohm meters
iii)	29S to 31S	50.4 milliseconds (at 30S)	323.0 ohm meters
iv)	24S to 27S	52.0 milliseconds (at 25S)	410.9 ohm meters

On Line 60W at 25S to 29S

The chargeability and resistivity values for 200' spacing range from 32.0 milliseconds to 50.0 milliseconds and 173.1 ohm meters to 365.2 ohm meters.

In order to test this anomaly a shallow vertical hole is recommended at 26S. A chargeability high and a resistivity low is indicated at 26S, which justifies this drilling target.

On Line 64W at 25S to 30S

The chargeability and resistivity values for 200' spacing range from 24.0 milliseconds to 53.4 milliseconds and 183.8 ohm meters to 515.6 ohm meters.

On Line 68W at 21S to 35S

The chargeabilities and resistivities for 200' spacing range from 30.0 milliseconds to 67.5 milliseconds and 220.8 ohm meters to 578.0 ohm meters.

To test this anomaly a shallow drill hole with its collar at 27S should be drilled 45°S along the line.

On Line 72W at-

i) 37S to 39S

The chargeability and resistivity values range from 25.8 milliseconds to 44.4 milliseconds and 357.1 ohm meters to 464.2 ohm meters.

ii) 33S to 35S

The chargeability and resistivity values range from 48.6 milliseconds to 57.0 milliseconds and 282.3 ohm meters to 434.1 ohm meters. The chargeability reaches 57.0 milliseconds at 34S.

iii) 29S to 31S

The chargeabilities and resistivities for 200' spacing vary from 14.1 milliseconds to 50.4 milliseconds and 292.7 ohm meters to 497.2 ohm meters.

iv) 24S to 27S

The chargeability and resistivity values range from 33.0 milliseconds to 51.8 milliseconds and 165.0 ohm meters to 259 ohm meters.

In order to check this anomalous zone two shallow holes should be drilled, they are:-

1) On line 60W at 26S a shallow vertical hole.

2) On line 68W a shallow 45° hole S. along the line with its collar on 27S.

Zone A'

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
68W for 200' spacing	37S to 40S	28.0 milliseconds (at 38S)	190.0 ohm meters

This anomalous zone extends from 37S to 40S on line 68W. The chargeability and resistivity values range from 25.2 milliseconds to 28.0 milliseconds and 190.0 ohm meters to 335.6 ohm meters.

Zone "B'"

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
56W for 200' spacing	27S to 34S	72 milliseconds (at 32S)	183.8 ohm meters
52W for 200' spacing	21S to 33S	61 milliseconds (at 30S)	310.8 ohm meters
48W for 200' spacing	28S to 30S	30 milliseconds (at 28S)	190.1 ohm meters
44W for 200' spacing	28S to 30S	30.0 milliseconds (at 28S)	450.8 ohm meters

On Line 56W at 27S to 34S

The chargeability and resistivity values range from 28.2 milliseconds to 72.0 milliseconds and 183.8 ohm meters to 748.0 ohm meters. At 32S the chargeability attains a value of 72.0 milliseconds and resistivity being 183.8 ohm meters. In other words a chargeability high corresponding to a resistivity low exists at 32S.

In order to test this anomaly a shallow vertical hole is suggested at 32S.

On Line 52W at 21S to 33S

The chargeability and resistivity values for 200' spacing range from 20.4 milliseconds to 61.0 milliseconds and 200.00 ohm meters to 416.8 ohm meters. At 30S the chargeability reaches a high of 61.0 milliseconds and the corresponding resistivity attains a values of 310 ohm meters. The resistivity profile indicates a contact in the vicinity.

In order to test this anomaly a 45^{o} hole should be drilled from 29S along the line.

On Line 48W at 28S to 30S

The chargeability and resistivity values range from 24.0 milliseconds to 30.0 milliseconds and 190.1 ohm meters to 318.6 ohm meters.

On Line 44W at 28S to 30S

The chargeability and resistivity values range from 24.0 milliseconds to 30.0 milliseconds and 450.8 ohm meters to 682.9 ohm meters.

In order to check this anomalous zone B two holes are recommended. They are:-

i) On line 56W at 32S a shallow vertical hole.

ii) On line 52W at 29S, a shallow 45° hole S. along the line.

Zone B'

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
56W for 200' spacing	36S to 38S	38.4 milliseconds (at 37S	388.6 ohm meters
52W for 200' spacing	35S to 40S	31.4 milliseconds (at 36S)	342.2 ohm meters

On Line 56W at 36S to 38S

The chargeability and resistivity values range from 19.2 milliseconds to 38.4 milliseconds and 172.6 ohm meters to 415.9 ohm meters.

On Line 52W at 35S to 40S

The chargeability and resistivity values vary from 25.0 milliseconds to 31.4 milliseconds and 342.2 ohm meters to 595.5 ohm meters.

As this anomalous zone is represented by weak anomalies, no drilling is suggested for this zone.

Zone "C"

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
56W for 200' spacing	15S to 20S	53 milliseconds (at 19S)	682.0 ohm meters
52W for 200' spacing	12S to 20S	93.0 milliseconds (at 16S)	520.9 ohm meters
48W for 200' spacing	11S to 20S	123.4 milliseconds (at 15S)	266.8 ohm meters
44W for 200' spacing	12S to 18S	89 milliseconds (at 13S)	265.8 ohm meters

On Line 56W at 15S to 20S

The chargeability and resistivity values range from 40.5 milliseconds to 53.0 milliseconds and 408.5 ohm meters to 1327.0 ohm meters.

On Line 52W at 12S to 20S

The chargeability and resistivity values vary from 41.4 milliseconds to 93.0 milliseconds and 254.9 ohm meters to 520.9 ohm meters. At 16S the chargeability reading recorded was 93.0 milliseconds and a resistivity high corresponding to this high chargeability was also noticed. The resistivity value reached 520.9 ohm meters.

In order to test this anomaly a vertical hole is recommended at 16S.

On Line 48W at 11S to 20S

The chargeability and resistivity values range from 52.8 milliseconds to 123.4 milliseconds and 117.2 ohm meters to 303.2 ohm meters.

The resistivity and chargeability profiles of this anomaly indicate that the chargeability reaches a high of 123.4 milliseconds at 15S and this anomaly is associated with a resistivity contact at this particular station. In order to check it, a 45° hole S along the line with collar at 14S, should be drilled.

At 13S the chargeability high (93.8 milliseconds) is associated south of resistivity low (117.2 ohm meters). In order to test this anomaly a vertical hole should be drilled at 13S.

On Line 44W at 12S to 18S

The resistivity and chargeability values range from 118.3 ohm meters to 470.2 ohm meters and 42.6 milliseconds to 88.8 milliseconds. The chargeability and resistivity profiles of this anomaly show a chargeability high (88.8 milliseconds) and a resistivity low (265.8 ohm meters) at 13S. This anomaly is similar to one on line 48W.

In order to test this anomalous zone the following drilling targets are selected:-

1) A vertical hole on 52W at 16S.

2) A 45° hole S. along the line at 14S on line 48W.

3) A shallow vertical hole at 13S on line 48W.

Zone "D"

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
60W for 200' spacing	10S to 18S	42.4 milliseconds (at 14S)	318.0 ohm meters
64W for 200' spacing	11S to 18S	41.2 milliseconds (at 15S)	213.5 ohm meters
68W for 200' spacing	16S to 19S	37.4 milliseconds (at 18S)	317.1 ohm meters

On Line 60W at 10S to 18S

The chargeability and resistivity values for 200' spacing range from 22.2 milliseconds to 42.4 milliseconds and 222.3 ohm meters to 629.4 ohm meters.

On Line 64W at 11S to 18S

The chargeability and resistivity values for 200' spacing vary from 29.0 milliseconds to 41.2 milliseconds and 210.7 ohm meters to 301.6 ohm meters.

On Line 68W at 16S to 19S

The chargeability and resistivity values for 200' spacing range from 33.0 milliseconds to 37.4 milliseconds and 290.7 ohm meters to 317.1 ohm meters.

In order to test this anomalous zone only one drill hole is selected. This hole should be shallow vertical at 14S on line 60W. The chargeability and resistivity profiles, indicate a chargeability high at 14S on line 60W, and a resistivity high is associated with it.

Zone "E"

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
56W for 200' spacing	2S to 7S	28.2 milliseconds (at 6S)	211.4 ohm meters

This zone is represented by line 56W. The anomaly extends from 2S to 7S. The chargeability and resistivity values range from 25.0 milliseconds to 28.2 milliseconds and 211.4 ohm meters to 348.2 ohm meters. This zone is represented by a weak anomaly and therefore no drilling is recommended for this zone.

Zone "F"

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
44W for 200' spacing	0S to 6S	50.4 milliseconds (at 5S)	331.5 ohm meters
40W for 200' spacing	6N to 7S	105.0 milliseconds (at 2S)	350.6 ohm meters
36W for 200' spacing	11N to 10S	104.0 milliseconds (at 5N)	333.7 ohm meters
32W for 200' spacing	13N to 8S	93.0 milliseconds (at 1N)	595.9 ohm meters
28W for 200' spacing	8N to 5S	83.0 milliseconds (at 7N)	264.7 ohm meters

On Line 44W at 0S to 6S

The apparent chargeability and apparent resistivity values for 200' spacing range from 31.0 milliseconds to 50.4 milliseconds and 331.5 ohm meters to 589.1 ohm meters.

On Line 40W at 6N to 7S

The chargeabilities and resistivities for 200' spacing range from 48.0 milliseconds to 105.0 milliseconds and 134.08 ohm meters to 403.0 ohm meters.

The chargeability and resistivity profiles indicate the presence of a chargeability high which is associated with a

moderate resistivity value at 2S. Furthermore, the resistivity profile reveals that there is a resistivity contact in the vicinity of the anomaly.

In order to test this anomaly one drill target is selected:-

i) 45^{o}S. along the line at 1S on line 40W.

On Line 36W at 11N to 10S

The chargeability and resistivity values for 200' spacing range from 42.2 milliseconds to 104.0 milliseconds and 54.53 ohm meters to 336.6 ohm meters. The chargeability and resistivity profiles for 200' spacing reveal that at 5N the chargeability attains a value of 104.0 milliseconds and resistivity 333.7 ohm meters.

In order to test this anomaly a shallow vertical hole is recommended at 5N.

On Line 32W at 13N to 8S

The chargeability and resistivity values for 200' spacing range from 29.4 milliseconds to 93.0 milliseconds and 52.1 ohm meters to 595.9 ohm meters. The apparent chargeability and resistivity profile indicates that at 1N the chargeability attains a high of 93.0 milliseconds and the resistivity reaches the value of 595.0 ohm meters. This anomaly is of similar nature as the one on line 36W.

On Line 28W at 8N to 5S

The chargeability and resistivity values for 200' spacing vary from 36.0 milliseconds to 83.0 milliseconds and 186.0 ohm meters to 332.2 ohm meters.

The apparent chargeability and resistivity profiles of this anomaly indicate that the chargeability attains its maximum at 7N being 83.0 milliseconds and the resistivity value reaches 264.7 ohm meters.

Two drill holes are suggested to test this zone. They are:-

1. At 1S 45° a shallow hole S. along the line on line 40W.
2. At 5N a shallow vertical hole on line 36W.

Zone "G"

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
24W for 200' spacing	8N to 7S	59.4 milliseconds (at 8N)	184.5 ohm meters
20W for 200' spacing	9N to 7S	73.0 milliseconds (at10N)	735.4 ohm meters

On Line 24W at 8N to 7S

The chargeability and resistivity values for 200' spacing range from 24.0 milliseconds to 59.4 milliseconds and 125.0 ohm meters to 600.5 ohm meters.

The chargeability and resistivity profiles for 200' spacing indicate a chargeability high (59.4 milliseconds) and a resistivity low (184.5 ohm meters) at 8N.

On Line 20W at 9N to 7S

The chargeability and resistivity values for 200' spacing vary from 13.2 milliseconds to 73.0 milliseconds and 126.7 ohm meters to 899.8 ohm meters.

The chargeability and resistivity profiles for 200' spacing reveal a chargeability high associated with a resistivity high at 9N.

In order to test this anomalous zone a shallow vertical hole should be drilled at 10N on line 20W.

Zone "H"

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
24W for 200' spacing	8N to 12N	56.4 milliseconds (at 11N)	308.6 ohm meters
28W for 200' spacing	9N to 12N	66.7 milliseconds (at 11N)	37.40 ohm meters
32W for 200' spacing	10N to 20N	74.0 milliseconds (at 11N)	105.3 ohm meters

On Line 24W at 9N to 12N

The chargeability and resistivity values for 200' spacing vary from 36.0 milliseconds to 56.4 milliseconds and 317.9 ohm meters to 477.2 ohm meters.

The apparent resistivity and apparent chargeability profiles indicate that the chargeability value reaches a high of 56.4 milliseconds corresponding to a resistivity low 309 ohm meters.

On Line 28W at 9N to 12N

This anomaly is similar to that on line 24W. The chargeability and resistivity values for 200' spacing ranges from 44.0 milliseconds to 66.7 milliseconds and 29.92 ohm meters to 323.5 ohm meters.

On Line 32W at 10N to 20N

The apparent chargeability and apparent resistivity values for 200' spacing range from 34.2 milliseconds to 74.0 milliseconds and 79.1 ohm meters to 202.1 ohm meters.

The apparent chargeability and apparent resistivity profiles for 200' spacing show a chargeability high (74.0 milliseconds) corresponding to a resistivity values of 105.3 ohm meters.

In order to test this anomalous zone two targets are selected:

i) Shallow vertical hole should be drilled at 10N on line 20W

and

ii) A shallow vertical hole should be drilled at 11N on line 32W.

Zone "I"

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
36W for 200' spacing	12N to 17N	100.0 milliseconds (at 14N)	250.9 ohm meters
40W for 200' spacing	10N to 13N	51.0 milliseconds (at 11N)	340.4 ohm meters

On Line 36W at 12N to 17N

The chargeability and resistivity values for 200' spacing vary from 43.2 ohm meters to 100.0 ohm meters and 160.7 to 258.5 ohm meters.

The apparent chargeability and apparent resistivity profiles show a chargeability high (100.0 milliseconds) associated with a resistivity high (250.9 ohm meters) at 14N.

On Line 40W at 10N to 13N

The chargeability and resistivity values range for 200' spacing from 34.0 milliseconds to 51.0 milliseconds and 319.5 ohm meters to 340.4 ohm meters.

In order to test this anomalous zone one shallow vertical hole should be drilled at 14N on line 36W.

Zone "J"

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
16W for 200' spacing	13N to 23N	79.0 milliseconds (at 18N)	225.2 ohm meters
12W for 200' spacing	15N to 20N	50.4 milliseconds (at 18N)	386.8 ohm meters

On Line 16W at 13N to 23N

The chargeability and resistivity values for 200' spacing range from 54.0 milliseconds to 79.0 milliseconds and 78.4 ohm meters to 273.9 ohm meters.

The apparent chargeability and apparent resistivity profile for 200' spacing indicates the presence of a chargeability high (69.0 milliseconds) and a resistivity low (78.4 ohm meters) at 19N.

On Line 12W at 15N to 20N

The chargeability and resistivity values range from 36.0 milliseconds to 50.4 milliseconds and 68.02 ohm meters to 629.8 ohm meters. This anomaly is similar to the one on line 16W.

In order to test this anomalous zone a shallow vertical hole should be drilled at 19N on line 16W.

Zone "K"

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
12W for 200' spacing	7N to 13N	60.0 milliseconds (at 8N)	146.15 ohm meters

On Line 12W at 7N to 13N

The apparent chargeability and apparent resistivity values for 200' spacing range from 22.0 milliseconds to 60.0 milliseconds and 62.20 ohm meters to 712.4 ohm meters.

The apparent chargeability and apparent resistivity profiles of this anomaly indicate a chargeability high of 60.0 milliseconds and a resistivity low of 146.10 ohm meters at 8N. The chargeability value is almost three times the background for this anomaly.

In order to test this zone a shallow vertical hole is recommended at 8N.

Zone L-1

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
0 + 00			
i) for 200' spacing	0 + 00 to 7N	51.6 milliseconds (at 5N)	368.0 ohm meters
ii) for 400' spacing	0 + 00 to 6N	43.8 milliseconds (at 6N)	148.0 ohm meters
2 + 00 E			
i) for 200' spacing	0 + 00 to 6N	59.0 milliseconds (at 2N)	2006.9 ohm meters
ii) for 400' spacing	4N to 10N	52.8 milliseconds (at 8N)	1099.0 ohm meters
4 + 00 E			
i) for 200' spacing	3N to 7N	37.0 milliseconds (at 5N)	660.7 ohm meters
ii) for 400' spacing	2N to 10N	31.2 milliseconds (at 8N)	1265.0 ohm meters
6 + 00 E			
For 200' spacing	5N to 7N	36.0 milliseconds (at 5N)	1141.3 ohm meters
8 + 00 E			
For 200' spacing	5N to 7N	31.8 milliseconds (at 5N)	735.4 ohm meters

On Line 0 + 00

i) For 200' spacing at 0 + 00 to 7N

The apparent chargeability and resistivity values range from 32.4 milliseconds to 51.6 milliseconds and 183.8 ohm meters to 1796.0 ohm meters.

ii) For 400' spacing at 2S to 6N

The apparent chargeability and apparent resistivity values range from 27.0 milliseconds to 43.8 milliseconds and 148.0 ohm meters to 750.0 ohm meters.

The apparent chargeability and resistivity profiles indicate a chargeability high (43.8 milliseconds) and a corresponding resistivity low (148.0 ohm meters) at 6N.

On Line 2E

i) For 200' spacing at 0 + 00 to 6N

The apparent chargeability and resistivity values range from 40.8 milliseconds to 59.0 milliseconds and 351.2 ohm meters to 2006.9 ohm meters.

The apparent chargeability and resistivity profiles indicate a chargeability high (59.0 milliseconds) associated with a resistivity high (2006.9 ohm meters) at 2N. Where as at 6N a chargeability high (56.2 milliseconds) associated with a resistivity low (351.2 ohm meters) is observed.

ii) For 400' spacing at 4N to 10N

The apparent chargeability and apparent resistivity range from 11.4 milliseconds to 52.8 milliseconds and 375.0 ohm meters to 1099 ohm meters.

On Line 4 + 00E

i) For 200' spacing at 3N to 7N

The apparent chargeability and resistivity values vary from 32.4 milliseconds to 37.0 milliseconds and 543.9 ohm meters to 1562.4 ohm meters.

ii) For 400' spacing at 2N to 10N

The apparent chargeability and apparent resistivity values range from 21.6 milliseconds to 31.2 milliseconds and 61.7 ohm meters to 1474.4 ohm meters.

On Line 6E at 5N to 7N

The apparent chargeability and apparent resistivity values for 200' spacing range from 19.2 milliseconds to 36.0 milliseconds and 746.9 ohm meters to 1240.9 ohm meters.

On Line 8E at 5N to 7N

The apparent chargeability and apparent resistivity values for 200' spacing range from 19.8 milliseconds to 31.8 milliseconds and 735.4 ohm meters to 1064.3 ohm meters.

In order to test this anomalous zone only one drill target is selected. A shallow vertical hole should be drilled at 6N on line 2E.

Zone L-2

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
4E i) for 200' spacing	4N to 7N	33.0 milliseconds (at 6N)	155.1 ohm meters
For 400'	4N to 6N	18.6 milliseconds (at 6N)	990.0 ohm meters
2E ii) for 200' spacing	1N to 7N	36.6 milliseconds (at 6N)	379.2 ohm meters

On Line 4W

i) At 4N to 7N

The apparent chargeability and resistivity values for 200' spacing range from 28.8 milliseconds to 33.0 milliseconds and 155.1 ohm meters to 781.3 ohm meters.

ii) At 4N to 6N

For 400' spacing the chargeabilities and resistivities vary from 16.8 milliseconds to 18.6 milliseconds and 990.0 ohm meters to 1072.4 ohm meters

On Line 2W at 1N to 7N

The chargeability and resistivity values for 200' spacing range from 19.8 milliseconds to 36.6 milliseconds and 453.9 ohm meters to 1378.8 ohm meters.

This anomalous zone is represented by weak anomalies therefore no drilling is suggested.

Zone "M"

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
6E	1S to 4S	30.0 milliseconds (at 3S)	1532.0 ohm meters

This zone is represented by line 6E. The chargeability and resistivity values for 200' spacing range from 26.4 milliseconds to 30.0 milliseconds and 1008.6 ohm meters to 2749.9 ohm meters.

This anomaly appears to be weak, therefore no drilling is recommended for this zone.

Zone M-2

Line	Anomaly	Mac. Apparent Chargeability	Corresponding Apparent Resistivity
8E	eS to 6S	28.8 milliseconds (at 5S)	1103.0 ohm meters

This anomalous zone is represented by the anomaly on line 8E. This anomaly is weak. The maximum chargeability for this zone is 28.8 milliseconds. The resistivity range from 1103.0 ohm meters to 2114.2 ohm meters. No drilling is recommended for this zone.

Zone "N"

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
20E for 200' spacing	10N to 13W	30.6 milliseconds (at 11N)	2604.4 ohm meters
24E for 200' spacing	11N to 13W	32.0 milliseconds (at 12N)	1057.1 ohm meters
28E for 200' spacing	9N to 14N	26.8 milliseconds (at 11N)	905.4 ohm meters
32E for 200' spacing	3N to 20N	46.8 milliseconds (at 10N)	756.6 ohm meters

On line 20E at 10N to 13N

The apparent chargeabilities and resistivities for 200' spacing range from 25.2 milliseconds to 30.6 milliseconds and 440.2 ohm meters to 2604.4 ohm meters.

On Line 24E at 11N to 13N

The apparent chargeabilities and resistivities for 200' spacing range from 14.0 milliseconds to 32.0 milliseconds and 1057.1 ohm meters to 1470.7 ohm meters.

On Line 28E at 9N to 14N

The apparent chargeability and apparent resistivity values for 200' spacing range from 17.8 milliseconds to 26.0 milliseconds and 656.6 ohm meters to 905.4 ohm meters.

On Line 32E at 3N to 20N

The apparent chargeability and resistivity values for 200' spacing range from 24.0 milliseconds to 46.8 milliseconds and 756.6 ohm meters to 25.20.1 ohm meters.

The chargeability and resistivity profiles for this anomaly indicate a chargeability high (46.8 milliseconds) and a corresponding resistivity low (756.6 ohm meters) at 10N.

In order to test this zone a shallow vertical hole is recommended at 10N on line 32E.

Zone "O"

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
0 + 00			
for 200' spacing	10N to 16N	30.6 milliseconds (at 15N)	790.0 ohm meters
2W for 200' spacing	9N to 15N	45.0 milliseconds (at 13N)	943.6 ohm meters
4W for 200' spacing	8N to 16N	43.2 milliseconds (at 13N)	375.0 ohm meters
6W for 200' spacing	9N to 15N	35.4 milliseconds (at 10N)	230.0 ohm meters

On Line 0 + 00 at 10N to 16N

The apparent chargeability and resistivity values for 200' spacing range from 22.2 milliseconds to 30.6 milliseconds and 405.7 ohm meters to 1211.8 ohm meters.

On Line 2W at 9N to 15N

The chargeability and resistivity values for 200' spacing range from 24.0 milliseconds to 45.0 milliseconds and 720.0 ohm meters to 1077.7 ohm meters. The apparent chargeability and apparent resistivity profiles for 200' spacing show a chargeability of 943.6 ohm meters at 13N.

On Line 4W at 8N to 16N

The apparent chargeability and apparent resistivity values for 200' spacing range from 21.6 milliseconds to 43.2 milliseconds and 101.1 ohm meters to 965.2 ohm meters.

The apparent chargeability and apparent resistivity profiles for 200' spacing indicate a chargeability high (43.2 milliseconds) corresponding to a resistivity contact at 13W. A shallow vertical drill hole is recommended to test this anomaly.

On Line 6W at 9N to 15N

The apparent chargeability and apparent resistivity values for 200' spacing vary from 23.4 milliseconds to 35.4 milliseconds and 224.1 ohm meters to 1080.0 ohm meters.

In order to test this anomalous zone one drill target is selected:

i) A shallow 45° hole N along the line at 12N on line 2W.

Zone "P"

Line	Anomaly	Max. Apparent Chargeability	Corresponding Apparent Resistivity
20E for 200' spacing	15N to 20N	39.0 milliseconds (at 20N)	832.4 ohm meters
16E for 200' spacing	13W to 20W	36.6 milliseconds (at 16W)	1250.1 ohm meters
12E for 200' spacing	9N to 20N	39.0 milliseconds (at 15N)	621.3 ohm meters
8E for 200' spacing	8W to 20W	39.8 milliseconds (at 18N)	674.1 ohm meters
6E for 200' spacing	8N to 20N	40.8 milliseconds (at 11N)	625.9 ohm meters

On Line 20E at 1S to 20N

The apparent chargeability and apparent resistivity values for 200' spacing range from 23.2 milliseconds to 39.0 milliseconds and 65.11 ohm meters to 832.4 ohm meters.

On Line 16E at 13W to 20W

The apparent chargeabilities and resistivites for 200' spacing range from 25.8 milliseconds to 36.6 milliseconds and 315.2 ohm meters to 1250.1 ohm meters.

The apparent chargeability and apparent resistivity profiles for this anomaly show a chargeability high (36.0 milliseconds) and a resistivity low (48.4 ohm meters) at 16N.

In order to test this anomaly a shallow vertical hole should be drilled at 16N.

On Line 12E at 9N to 20N

The apparent chargeability and apparent resistivity values for 200' spacing range from 24.0 milliseconds to 39.0 milliseconds and 197.2 ohm meters to 1953.3 ohm meters.

On Line 8E at 8N to 20N

The apparent chargeabilities and apparent resistivities for 200' spacing vary from 19.8 milliseconds to 39.8 milliseconds and 326.8 ohm meters to 1394.0 ohm meters.

On Line 6E at 8N to 20N

The apparent chargeabilities and apparent resistivities for 200' spacing range from 20.4 milliseconds to 40.8 milliseconds and 610.2 ohm meters to 796.6 ohm meters. The apparent chargeability and apparent resistivity profiles for 200' spacing show a chargeability high of 40.8 milliseconds corresponding to a resistivity of 625.5 ohm meters.

In order to test this anomaly a shallow vertical hole is suggested at 11N.

In order to test this anomalous zone two targets are selected:

i) A shallow vertical hole at 16N on line 16E

ii) A shallow vertical hole at 11N on line 6E.

VI. SUMMARY AND CONCLUSIONS

The induced polarization survey of the Rowbottom and Buzzer claim groups revealed various interesting anomalous zones. These anomalous zones may be associated with sulphide mineralization. Several drill targets are selected for both the claim groups. These targets are based purely on geophysical results. Some of them can be eliminated by co-ordination with the geological information.

The drill targets selected for Rowbottom claim group are:

1) A shallow vertical hole at 4W on line 4S.
2) A shallow hole 45°W along the line at 4W on line 6S.
3) A shallow 45° hole W along the line at 6W on line 8S.
4) A shallow vertical hole at 2W on line 0 + 00.
5) A shallow hole 45°E along the line at 6E on line 0 + 00.

Drill targets proposed for Buzzer group are:

1) On line 60W at 26S a shallow vertical hole.
2) On line 68W at 27S a shallow 45°S along the line.

3) On line 56W at 32S a shallow vertical hole.

4) On line 52W at 29S a shallow hole 45S along the line.

5) On line 52W at 16S a shallow vertical hole.

6) On line 48W at 13S a shallow vertical hole.

7) On line 48W at 14S a shallow 45° hole S along the line.

8) On line 60W at 14S a shallow vertical hole.

9) On line 40W at 1S a shallow 45° hole S along the line.

10) On line 36W at 5N a shallow vertical hole.

11) On line 20W at 10N a shallow vertical hole.

12) On line 32W at 11N a shallow vertical hole.

13) On line 36W at 14N a shallow vertical hole.

14) On line 16W at 19N a shallow vertical hole.

15) On line 12W at 8N a shallow vertical hole.

16) On line 2E at 6N a shallow vertical hole.

17) On line 32E at 10N a shallow vertical hole.

18) On line 2W at 12N a shallow 45° hole N along the line.

19) On line 16E at 16N a shallow vertical hole.

20) On line 6E at 11N a shallow vertical hole.

Respectfully submitted,

OTTAWA, ONTARIO,
December 17, 1969.

D.R. Vohra, M.Sc.,
Geophysicist.

QUALIFICATIONS

NAME: Dharam Raj Vohra

BIRTHDATE: February 20, 1939

POSITION: Geophysicist

NATIONALITY: Indian Citizen

EDUCATION:

School: University of Poona & Banaras
Major: Geology
Degree: B.Sc., M.Sc.

Thesis Title: Geology of the area around Kapari Village, District Almora, U.P. India.

A. Courses organized by Geological Survey of West Germany.

i) Interpretation of Photogeological data.

ii) Geophysical methods for mineral exploration and their interpretation techniques.

B. LANGUAGE COURSES

1. German course at Banaras University.

2. German course at Bénédict Sprachschüle, West Germany.

3. French course at Banaras University.

PRE AERO EXPERIENCE:

1. 1962 - 63 - Geologist-Geophysicist. The Stoange Limited, New Delhi. Directing Geological and Geophysical Surveys for Mineral Exploration.

2. 1964 - Geologist-Geophysicist, Österrichemineralölverwaltung, Wien, Austria. Prospecting, planning, production and distribution of natural gas.

3. 1965 - Prakla G.m.b.H., West Germany, Seismic Computation, interpretation and programming for Seismic Surveys.

4. 1965 - 66 - Geophysicist, Bundesanstalt Für Bodenforchung. Directing Gravity Surveys.

5. 1966 - Geologist - Geophysicist. Gewerkschaft Brigitta, West Germany. Well site, geological and geophysical techniques, Co-ordination of geological and geophysical data.

6. 1967 - Geologist - Geophysicist. Falconbridge Nickel Mines Ltd. Supervising Geophysical Surveys for Mineral Exploration.

7. 1968 - Geologist - Geophysicist. Huntec Ltd., Directing geological, geochemical and geophysical surveys for Mineral Exploration.

8. 1968 - 69 - Senior Geophysicist / Project Manager. R. Benjelloun Consulting Geologists and Geophysicists. Directing Geophysical Surveys for Engineering and Mining projects.

AERO EXPERIENCE:

Joined Canadian Aero Mineral Surveys Limited on 6th. October, 1969.

SOCIETY MEMBERSHIPS:

1. Society of Exploration Geophysicists.

2. Canadian Society of Exploration Geophysicists.

3. Nordic Association for Applied Geophysics.

PUBLICATIONS

"Geology of the Area Around Kapari Village, District Almora, U.P".

1962 - Banaras University Publication.

LANGUAGES SPOKEN:

English, Hindi, German, French and some knowledge of Russian.

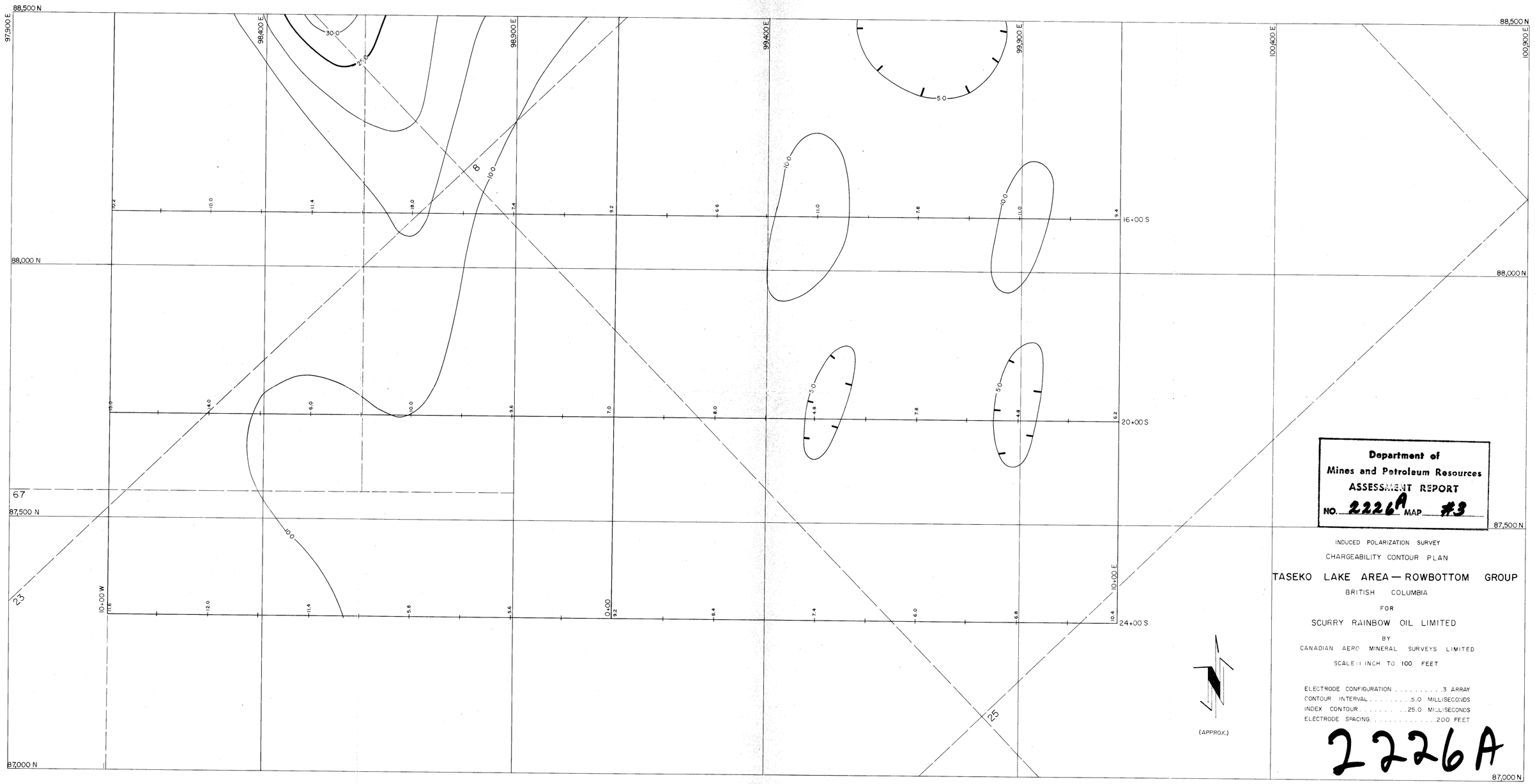
VII. PERSONNEL TIME SHEET

The following personnel of Canadian Aero Mineral Surveys Limited were associated with the survey:

1.	L. Pomerleau, B.Sc., P.O. Box 2931, Ottawa, Ontario.	Geophysicist (field)	52 days at $100.00/day
2.	D.R. Vohra, M.Sc., 100 Marquette St., Ottawa, Ontario.	Geophysicist (office)	8 days at $100.00/day
3.	D. Fitzsimmons RR.2 Woodroffe Ave., Ottawa, Ontario.	Chief Draftsman	16 days at $60.00/day

Local helpers associated with the survey:

Mr. L. Poole	Helper (Aug. 9 - Aug. 23)	$2.25/hr.	$228.60
Mr. Jacobson	Helper (Aug. 9 - Aug. 23)	$2.25/hr.	$227.10
Mr. J. Hooge	Helper (Aug. 9 - Aug. 23)	$2.25/hr.	$225.70
Mr. J. Daly	Helper (Aug. 29 - Oct. 19)	$2.25/hr.	1,077.74
Mr. J. Purdy	Helper (Aug. 29 - Oct. 19)	$2.25/hr.	1,116.55
Mr. G. Siddall	Helper (Aug. 29 - Oct. 19)	$2.25/hr.	1,106.42



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 2226A MAP #3

INDUCED POLARIZATION SURVEY

CHARGEABILITY CONTOUR PLAN

TASEKO LAKE AREA — ROWBOTTOM GROUP

BRITISH COLUMBIA

FOR

SCURRY RAINBOW OIL LIMITED

BY

CANADIAN AERO MINERAL SURVEYS LIMITED

SCALE: 1 INCH TO 100 FEET

ELECTRODE CONFIGURATION . . . . . 3 ARRAY
CONTOUR INTERVAL . . . . . 5.0 MILLISECONDS
INDEX CONTOUR . . . . . 25.0 MILLISECONDS
ELECTRODE SPACING . . . . . 200 FEET

(APPROX.)

2226A

C.A.M.S. 9664

TASEKO 117

TASEKO 9

A

B

C

D

E

5

6

7

10

69

68

119

(APPROX.)

2226 A

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 2226 MAP #2

INDUCED POLARIZATION SURVEY

CHARGEABILITY CONTOUR PLAN

TASEKO LAKE AREA — ROWBOTTOM GROUP

BRITISH COLUMBIA

FOR

SCURRY RAINBOW OIL LIMITED

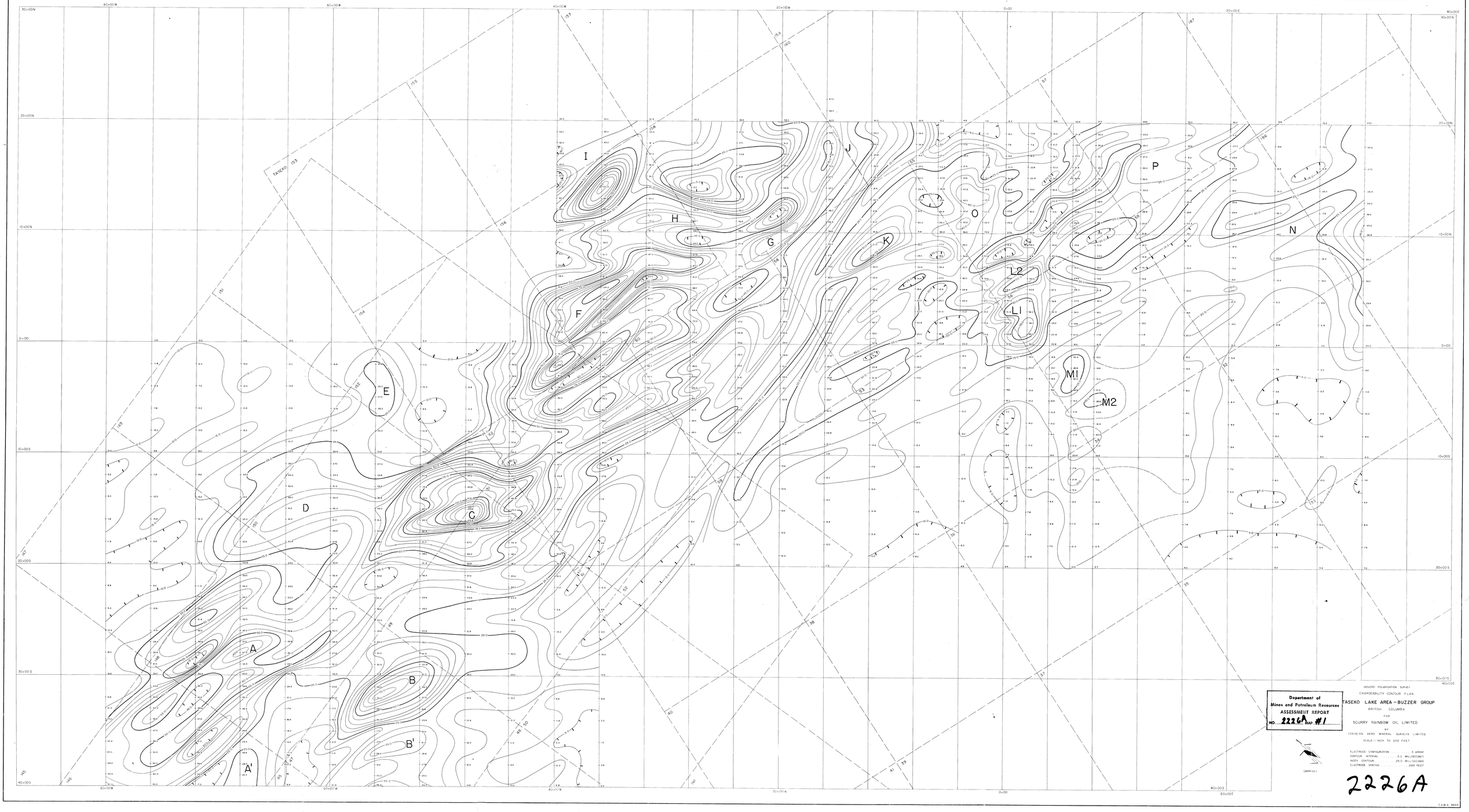
BY

CANADIAN AERO MINERAL SURVEYS LIMITED

SCALE: 1 INCH TO 100 FEET

ELECTRODE CONFIGURATION . . . . . .3 ARRAY
CONTOUR INTERVAL . . . . . .5.0 MILLISECONDS
INDEX CONTOUR . . . . . .25.0 MILLISECONDS
ELECTRODE SPACING . . . . . .200 FEET

C.A.M.S. 9664



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 2226 MAP #1

INDUCED POLARIZATION SURVEY
CHARGEABILITY CONTOUR PLAN

TASEKO LAKE AREA – BUZZER GROUP

BRITISH COLUMBIA

FOR

SCURRY RAINBOW OIL LIMITED

BY

CANADIAN AERO MINERAL SURVEYS LIMITED

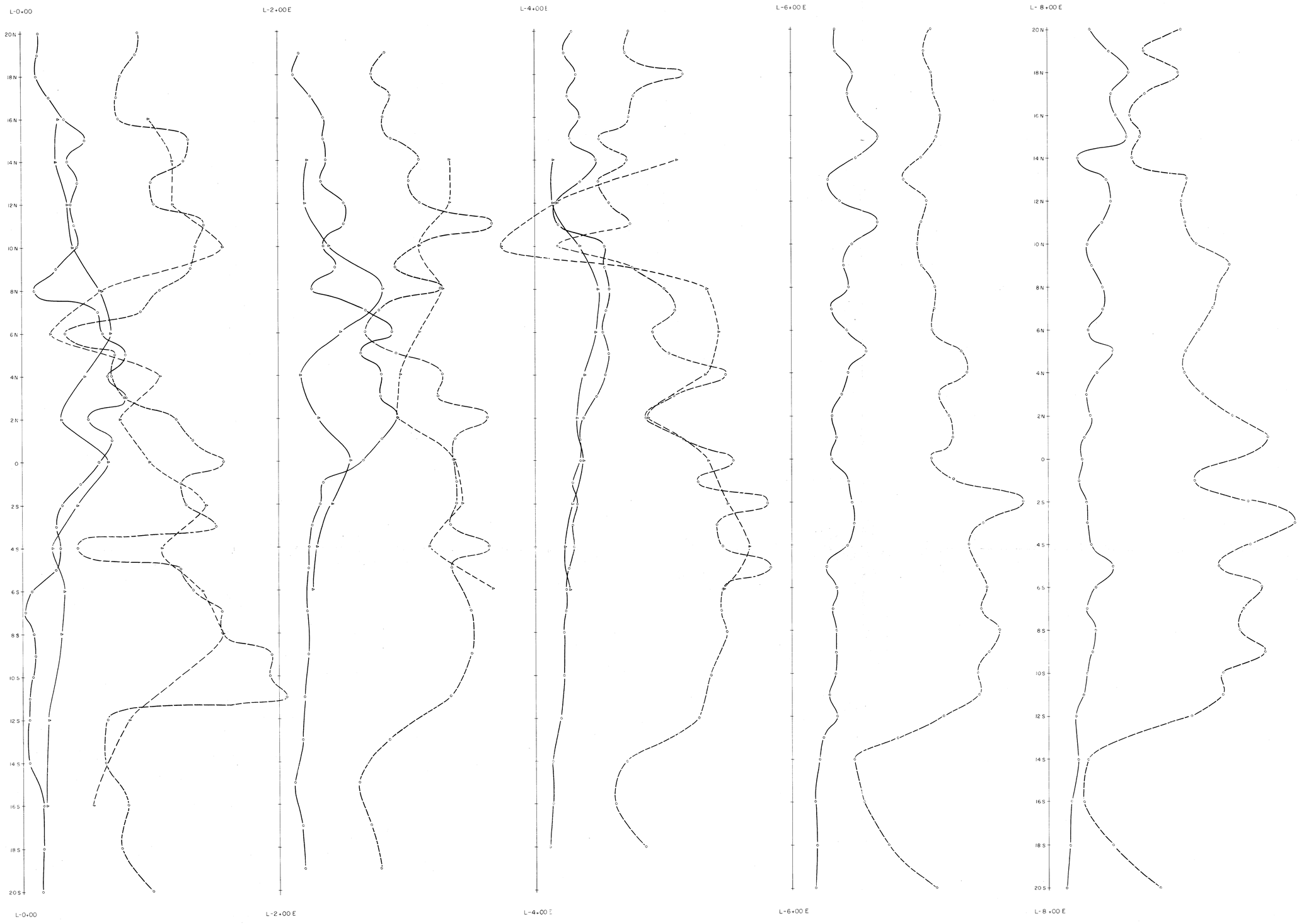
SCALE: 1 INCH TO 200 FEET

(APPROX.)

ELECTRODE CONFIGURATION ..... 3 ARRAY
CONTOUR INTERVAL ..... 5.0 MILLISECONDS
INDEX CONTOUR ..... 25.0 MILLISECONDS
ELECTRODE SPACING ..... 200 FEET

2226A

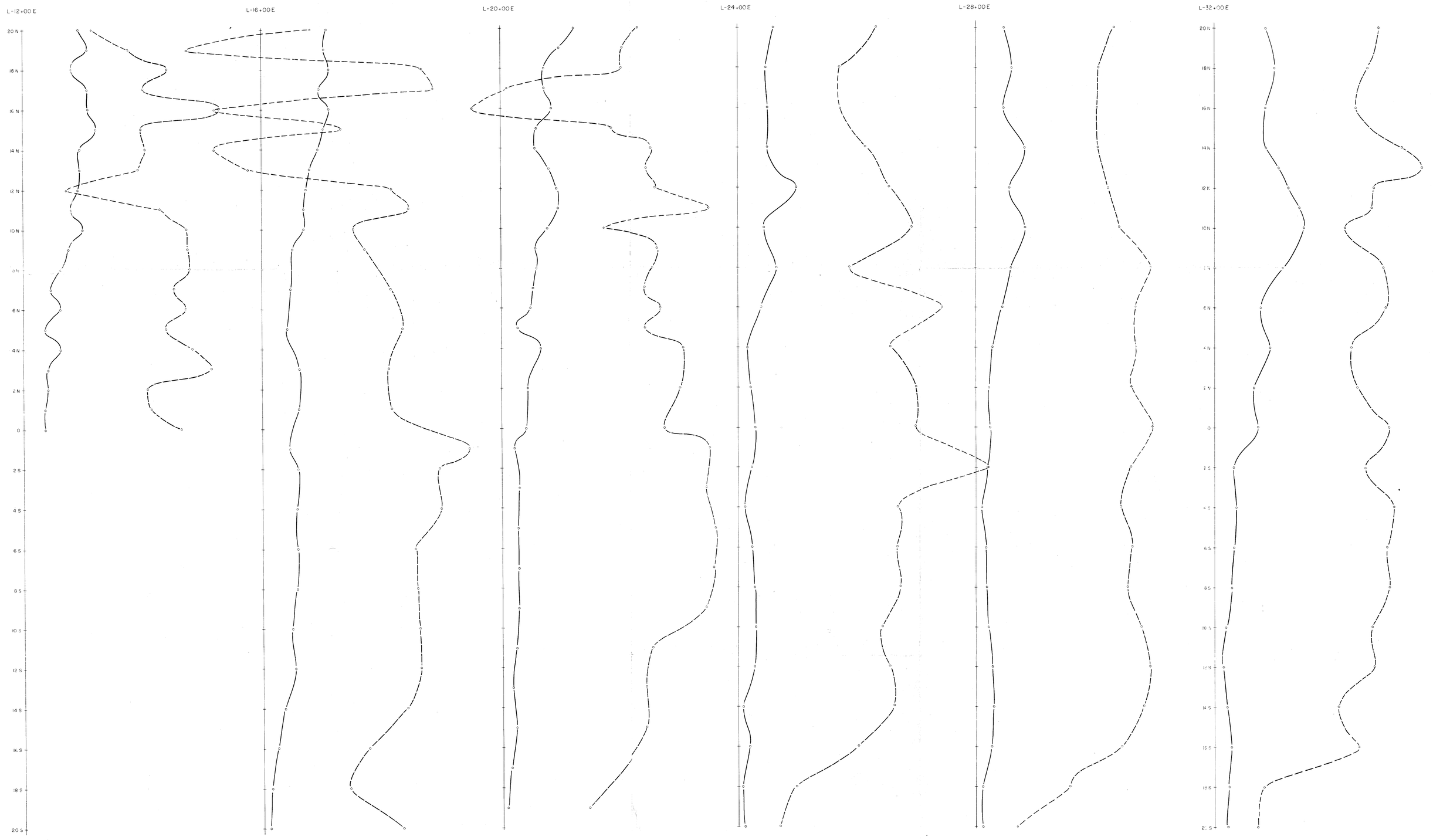
CAMS 3654



CHARGEABILITY SCALE (MILLISECONDS)

0 40 80 100 2 3 4 5 6 7 8 9 1,000 2 3 4 5 6 7 8 9 10,000

RESISTIVITY SCALE (OHM METERS)



2226 A

CHARGEABILITY RESISTIVITY

n=2 n=2

n=4 n=4

APPARENT CHARGEABILITY 1"=20 MILLISECONDS

APPARENT RESISTIVITY 3 CYCLE (100—1,000 ohm)

ELECTRODE CONFIGURATION 3 ARRAY

NOTE: LINES NOT SPACED TO SCALE

(APPROX.)

INDUCED POLARIZATION SURVEY

PROFILE PRESENTATION

TASEKO LAKE AREA—BUZZER GROUP

BRITISH COLUMBIA

FOR

SCURRY RAINBOW OIL LIMITED

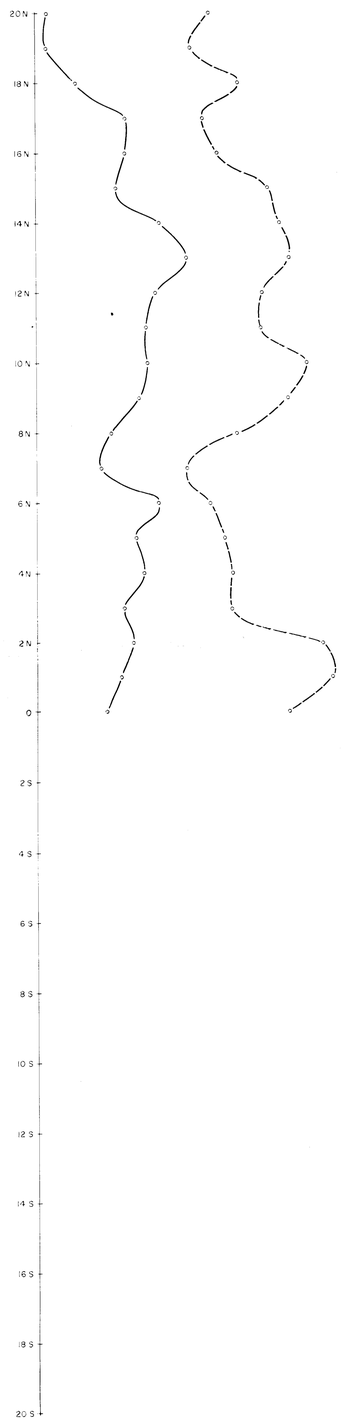
BY

CANADIAN AERO MINERAL SURVEYS LIMITED

SCALE: 1 INCH TO 200 FEET

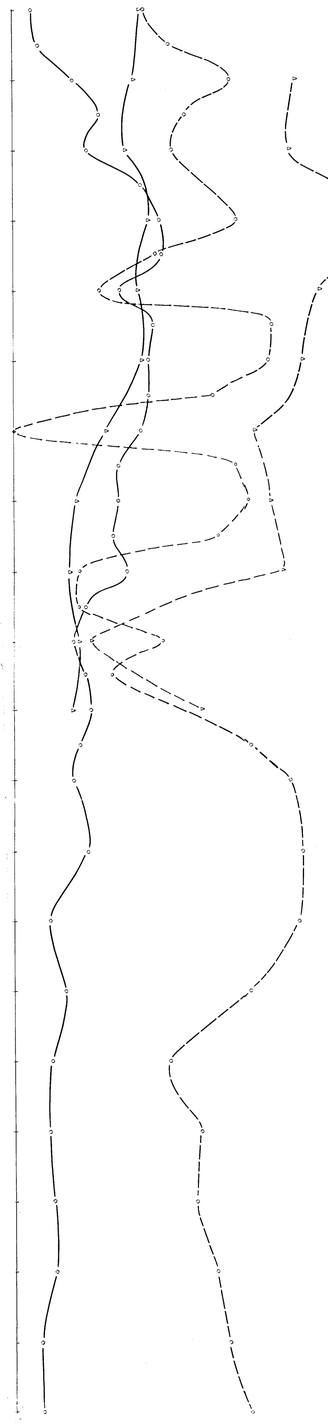
C.A.M.S.

L-2+00W



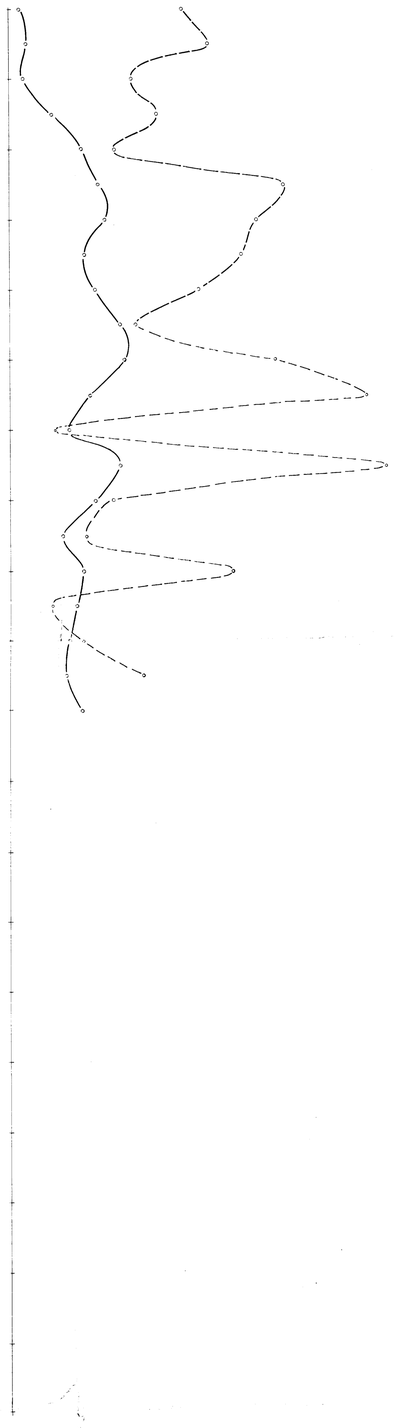
L-2+00W

L-4+00W



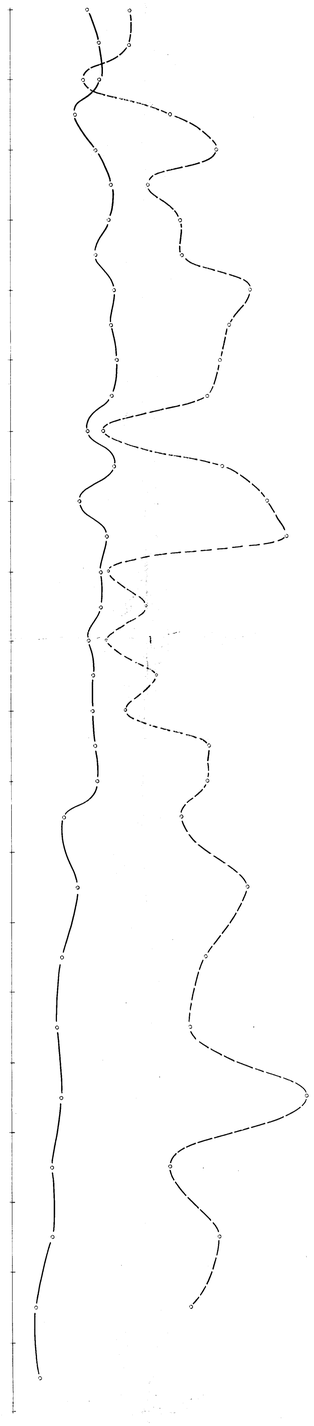
L-4+00W

L-6+00W



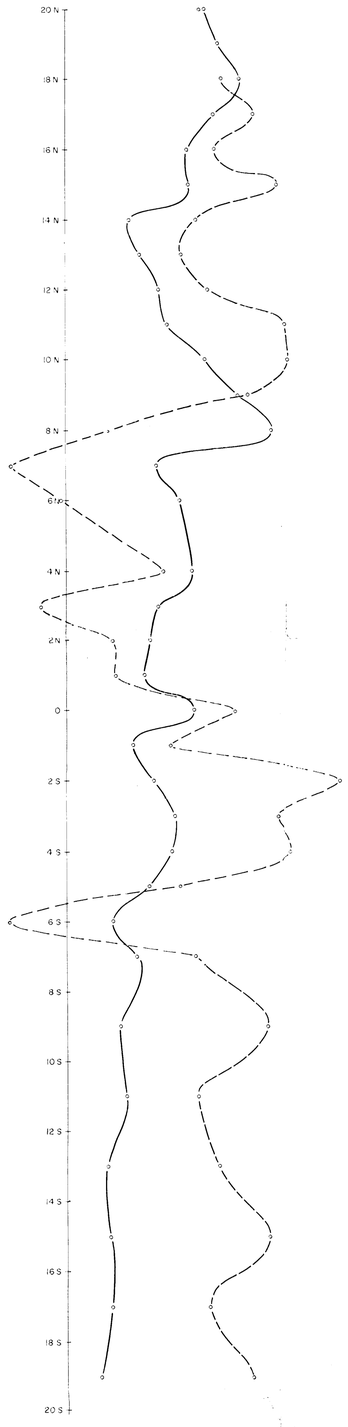
L-6+00W

L-8+00W



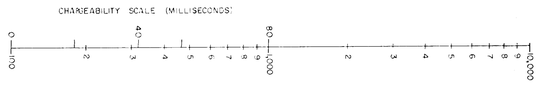
L-8+00W

L-12+00W



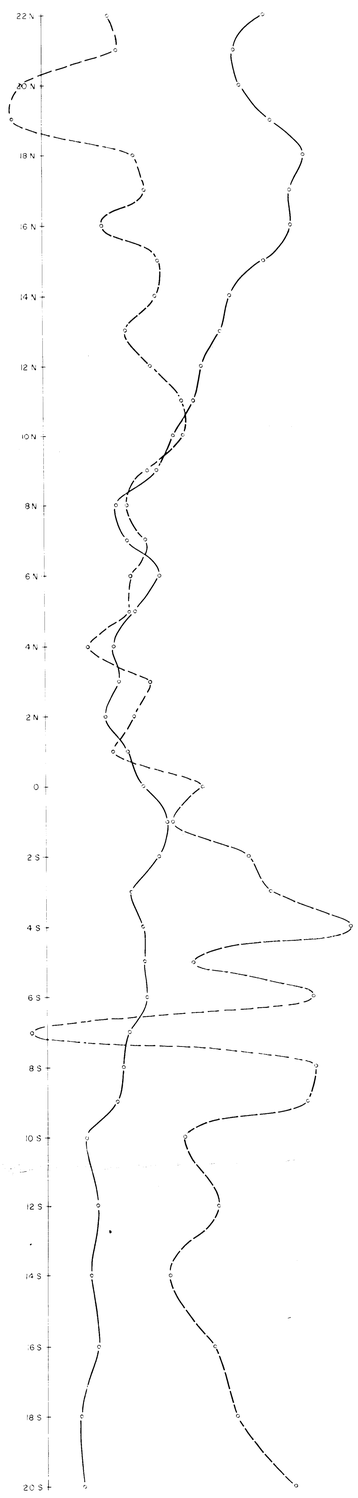
L-12+00W

CHARGEABILITY SCALE (MILLISECONDS)



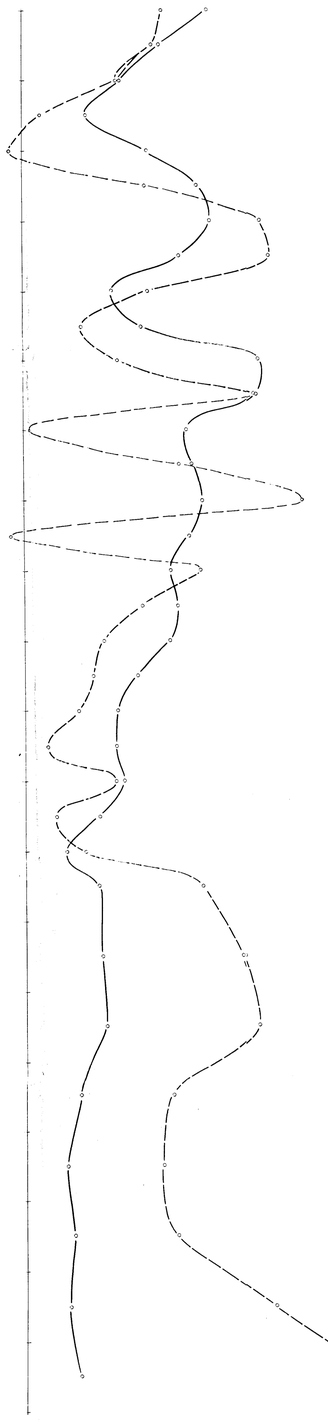
RESISTIVITY SCALE (OHM METERS)

L-16+00W



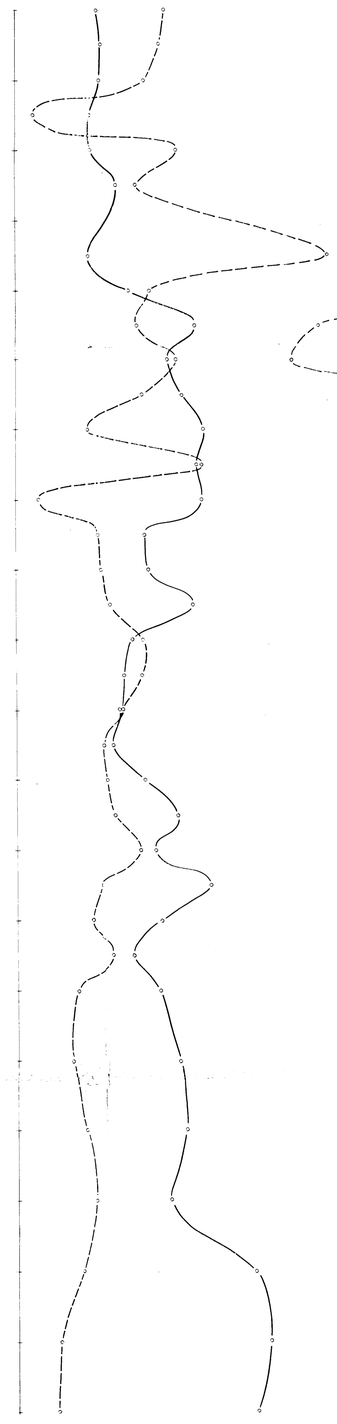
L-16+00W

L-20+00W



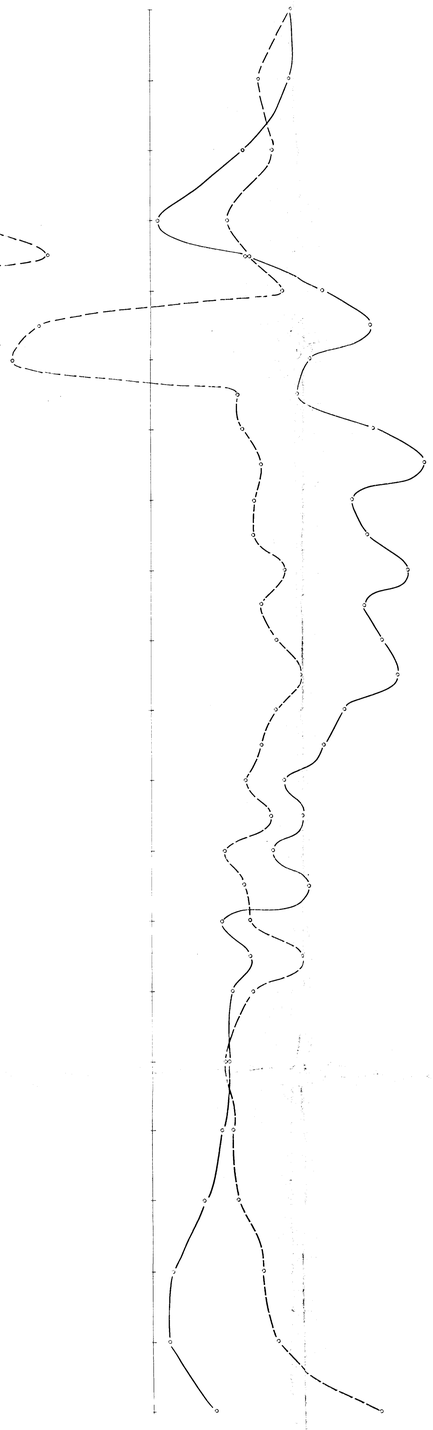
L-20+00W

L-24+00W



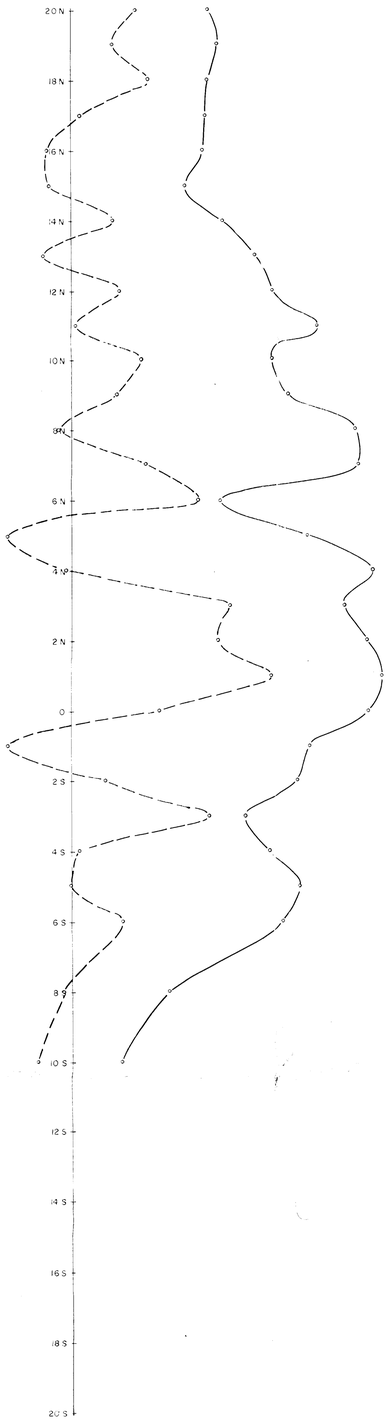
L-24+00W

L-28+00W



L-28+00W

L-32+00W



L-32+00W

CHARGEABILITY — a=200' — a=400'

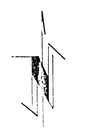
RESISTIVITY — a=200' — a=400'

APPARENT CHARGEABILITY 1"=20 MILLISECONDS

APPARENT RESISTIVITY 3.9" = CYCLE (100—1,000 ohm)

ELECTRODE CONFIGURATION . . . . . 3 ARRAY

NOTE: LINES NOT SPACED TO SCALE



(APPROX)

INDUCED POLARIZATION SURVEY

PROFILE PRESENTATION

TASEKO LAKE AREA- BUZZER GROUP

BRITISH COLUMBIA

FOR

SCURRY RAINBOW OIL LIMITED

BY

CANADIAN AERO MINERAL SURVEYS LIMITED

SCALE: 1 INCH TO 200 FEET

C.A.M.S. 3664

L-0+00N

L-2+00N

L-4+00N

L-8+00N

L-12+00N

L-16+00N

L-20+00N

L-24+00N

10W 8W 6W 4W 2W 0 2E 4E 6E 8E 10E

10,000 9 8 7 6 5 4 3 2 1,000 9 8 7 6 5 4 3 2 100

RESISTIVITY SCALE (OHM METERS)

CHARGEABILITY SCALE (MILLISECONDS) 80 40 0

L-2+00S

L-4+00S

L-6+00S

L-8+00S

L-12+00S

L-16+00S

L-20+00S

L-24+00S

2226A

CHARGEABILITY RESISTIVITY

a=50' a=200' a=400'

APPARENT CHARGEABILITY ... 1"=20 MILLISECONDS

APPARENT RESISTIVITY 3.9"=1CYCLE (100—1,000 Ωm)

ELECTRODE CONFIGURATION ... 3 ARRAY

NOTE: LINES NOT SPACED TO SCALE

(APPROX.)

INDUCED POLARIZATION SURVEY

PROFILE PRESENTATION

TASEKO LAKE AREA—ROWBOTTOM GROUP

BRITISH COLUMBIA

FOR

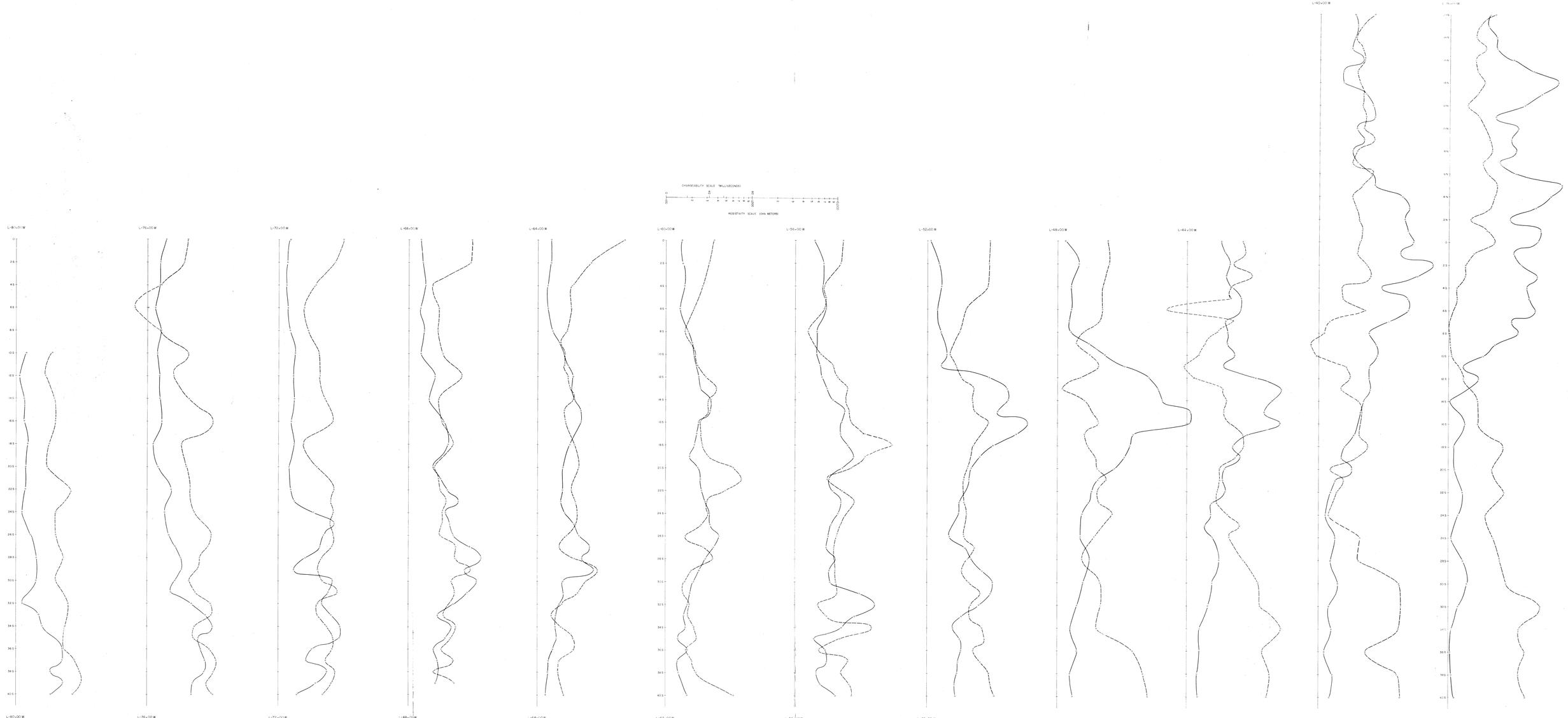
SCURRY RAINBOW OIL LIMITED

BY

CANADIAN AERO MINERAL SURVEYS LIMITED

SCALE: 1 INCH TO 200 FEET

C.A.M.S. 9664



CHARGEABILITY RESISTIVITY

APPARENT CHARGEABILITY (^-20 MILLISECONDS
APPARENT RESISTIVITY(f)-(CYCLE 300 - 1,000 ohm)
ELECTRODE CONFIGURATION ... 3 ARRAY
NOTE - LINES NOT SPACED TO SCALE

GAMMONS

INDUCED POLARIZATION SURVEY
PROFILE PRESENTATION
TASEKO LAKE AREA - BUZZER GROUP
BRITISH COLUMBIA
FOR
SCURRY RAINBOW OIL LIMITED
BY
CANADIAN AERO MINERAL SURVEYS LIMITED
SCALE 1 INCH TO 200 FEET

2226A