

3292

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3292 MAP

REPORT ON
MAGNETOMETER & INDUCED POLARIZATION SURVEYS
OWL PROPERTY
DEASE LAKE AREA, BRITISH COLUMBIA
ON BEHALF OF
DOLMAGE CAMPBELL AND ASSOCIATES LIMITED

10/1/71

by

Peter J. Fominoff, B.A.Sc.

and

Richard O. Crosby, B.Sc., P.Eng.

August 18, 1971

CLAIMS:

Name

OWL 57-66, 77-86, 97-106

LOCATION:

About 17 miles southeast of Dease Lake, B. C.

Liard Mining Division

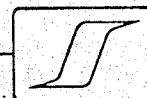
129° 58° SW

DATES:

June 8 to June 19, 1971

TABLE OF CONTENTS

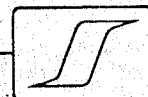
	<u>Page No.</u>
SUMMARY	
INTRODUCTION	1
GEOLOGY	2
DISCUSSION OF RESULTS	3
CONCLUSIONS AND RECOMMENDATIONS	5
PLATES:	
(in text)	
1 Plate 1 - Location Map	1 inch = 4 miles
(in envelope)	
2 Plate 2 - Chargeability Profiles	1 inch = 400 feet
3 Plate 3 - Resistivity Profiles and Claim Locations	1 inch = 400 feet
4 Plate 4 - Magnetic Contour Map and Interpretation	1 inch = 400 feet
5 Plate 5 - Wenner Expander Depth Test	
6 Claim Map (in text)	



SUMMARY

The induced polarization survey has revealed three zones of increased chargeability responses. The observed responses could be due to a large volume of rock containing 2 percent to in excess of 4 percent by volume of metallically conducting mineralization. All three zones of increased chargeabilities are associated with a magnetic contact and the central zone is associated with an interpreted narrow "dike-like" steeply dipping source.

Trenching and at least 600 feet of drilling have been recommended to investigate the central and southern areas of chargeability increases. Further induced polarization surveying and possible drilling have been recommended for the northern area if field investigations should warrant them.



REPORT ON
MAGNETOMETER & INDUCED POLARIZATION SURVEYS
OWL PROPERTY
DEASE LAKE AREA, BRITISH COLUMBIA
ON BEHALF OF
DOLMAGE CAMPBELL AND ASSOCIATES LIMITED

INTRODUCTION

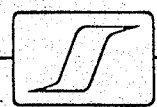
During the period June 8 to June 19, 1971, a geophysical field party under the direction of Mr. Christian Zogg executed an induced polarization survey in the Dease Lake area, British Columbia on behalf of Dolmage Campbell and Associates Limited.

As shown on Plate 1, on the scale of 1 inch = 4 miles, the property lies approximately 17 miles southeast of Dease Lake, British Columbia. The topography of the area surrounding the property may be described as mountainous with the survey grid covered by small trees and bushes. Access was by helicopter.

The claims covered by the present survey are listed on the cover page of this report and are shown on Plate 3, on the scale of 1 inch = 400 feet.

Seigel Mk VII time domain (pulse-type) induced polarization equipment has been employed on this property. The transmitting unit had a rating of 2.5 kilowatts and equal on and off times of 2.0 seconds. The receiving unit was a remote, ground-pulse type triggered by the rising and falling primary voltages set up in the ground by the transmitter. The integration of the transient polarization voltages takes place for 0.65 seconds after a 0.45 second delay time following the termination of the current-on pulse.

The purpose of an induced polarization survey is to map the subsurface distribution of metallicly conducting mineralization beneath



the grid covered. In the present area such mineralization could include pyrite, chalcopyrite and other metallic sulphide minerals. As well, minerals such as magnetite, sericite, chlorite and others may contribute to chargeability responses and may not always be distinguishable from responses due to sulphides.

The three electrode array was employed for the survey. For this electrode array, one current electrode and two potential electrodes traverse the profiles with an interelectrode spacing called "a". The second or "infinite" current electrode is placed a distance greater than $5a$ from the measuring point which is defined as the midpoint between the moving current electrode and the near potential electrode. For the reconnaissance survey observations were taken for $a = 200$ feet and $a = 400$ feet with 200 foot station intervals. For additional detail on parts of some profiles readings were taken with $a = 100$ feet and $a = 50$ feet.

A grid as shown on Plate 2, totalling about 14 line miles was surveyed. The base line was oriented east-west and lines spaced 800 feet apart were cut perpendicular to it.

GEOLOGY

The regional geology of the OWL property area is shown on the Geological Survey of Canada Map 29-1962, Cry Lake, British Columbia, on the scale of 1 inch = 4 miles.

The southern and southwestern portion of the property is underlain by Upper Triassic volcanics consisting chiefly of andesities, basalts, tuffs, breccias and volcanic sandstones. The northwestern portion of the property is underlain by Lower Jurassic sediments consisting of well bedded graywacke, sandstone, siltstone and shale. The eastern



part of the property is covered by Quaternary unconsolidated sediments.

A local geology map supplied by Dolmage Campbell and Associates Limited shows some outcrops of granodiorite within the sediments on the eastern part of the property and on Line 188 E about 1200 feet north of the base line. A geochemical copper anomaly is shown over the northwestern portion of the grid area.

The results of a magnetometer survey carried out by personnel of Dolmage Campbell and Associates Limited during June of 1971 has been made available to the writers and is incorporated into this report.

DISCUSSION OF RESULTS

Plate 2, on the scale of 1 inch = 400 feet, shows the chargeability results in profile form. The vertical scale for these profiles is 1 inch = 10.0 milliseconds. Different symbols have been used to indicate the observations taken with the various electrode separations.

Plate 3, also on the scale of 1 inch = 400 feet, shows the resistivity profiles. The scale for these profiles is 2 inches = 1 logarithmic cycle with the line trace taken as 1000 ohm-meters.

Plate 4 is a magnetic contour plan on a scale of 1 inch = 400 feet. The observed vertical magnetic intensity values have been shown and a contour interval of 100 gammas has been adopted.

Plate 5 is a Wenner expander depth test drawn on log-log graph paper.

The chargeability profiles indicate that the background chargeability range is from 1.0 to 10.0 milliseconds, a normal response range for most rock types. With this background a subsurface distribution of 1 percent by volume of metallicly conducting mineralization is expected



to add approximately 10.0 milliseconds to the background level. Chargeabilities in excess of about 12.0 milliseconds may be considered worthy of further investigation since large deposits of very low concentrations of certain metallic minerals may have economic significance.

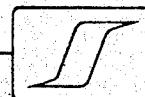
From Line 196 E to Line 228 E inclusive the chargeability responses do not rise above normal background level except for about three isolated readings.

The responses obtained with the 200 foot electrode separations are generally smaller than those obtained with the 400 foot electrode separations.

Chargeabilities in excess of 12.0 milliseconds are seen over all of Line 148 E and extend east as far as Line 188 E in three subparallel fingers as shown on Plate 2. The chargeability responses reach a maximum of 40.0 milliseconds on Line 164 E at 44 N.

The metallicly conducting mineral content of the sources of increased chargeabilities is between 3 percent and 4 percent by volume on Lines 148 E and 156 E and drops to about 1 percent on Line 188 E. The sources of increased induced polarization responses approach to within about 10 feet of ground surface on Line 156 E at 6 S and at 22 N and on Line 180 E at 6 S. They extend to at least 300 feet below ground surface. The area of increased chargeabilities is not delimited west of Line 148 E and on the north ends of Lines 148 E to 188 E.

The Wenner Expander depth probe has indicated that chargeable rock containing between 1 percent and 2 percent by volume electronically conducting material comes to within 10 feet of ground surface. The chargeable material extends down to about 200 feet. Lower chargeability rock underlies the more chargeable top layer below about 200 feet.



The resistivity responses range from 200 to 5000 ohm-meters and average about 1000 ohm-meters. Resistivity values for the 200 foot electrode spacings are usually smaller than those for the 400 foot electrode separations. The cause is probably water soaked overburden of lower resistivity covering more resistive bedrock. There is no apparent correlation between the increases in chargeability and the resistivity responses.

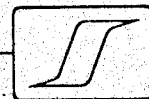
The magnetometer map is dominated by an elongated anomaly trending easterly and measuring about 1000 gammas of relief. It is located on the southern flank of the chargeability high recorded between Lines 148 E and 188 E. The positive anomaly is flanked by a strong negative anomaly to the north between Lines 172 E and 188 E. and by a strong negative anomaly to the south between Lines 148 E and 164 E. The southwestern portion of the survey grid contains an anomalous area averaging about 500 gammas above the general background level.

Plate 4 shows the position of several contacts and major fault structures as interpreted from the magnetic contour map.

The magnetic area in the southwestern part of the grid is interpreted as due to magnetic extrusive rocks, and the elongated anomaly is interpreted as having a narrow "dike-like" source which is steeply dipping. This latter source could represent mineralization along a contact.

CONCLUSIONS AND RECOMMENDATIONS

The induced polarization survey has revealed three main areas of increased chargeability responses as outlined on Plate 2. The source of the increased responses contains in excess of 4 percent by volume of electronically conducting material. The nature of the material is



met. 7/28

unknown. However, since there are no definite resistivity decreases associates with the chargeability increases, the possibility of graphite being the source of the increased chargeabilities is reduced.

In areas where the detailed narrow electrode spacing chargeability readings have been taken, the source of the increased chargeabilities is seen to approach to within 20 feet and some places as, mentioned in the Discussion, to within 10 feet of the ground surface. Trenching and geological investigation are therefore recommended to investigate the source of the increased chargeability responses.

The central zone of chargeability increases which is interpreted from the magnetics to be associated with a narrow steeply dipping "dike-like" source would be a target of primary interest in further exploration. The two zones flanking the central zone of increased chargeability both are associated with a magnetic contact and thus are also zones of interest in further exploratory work.

The following drill holes are recommended to explore the central and southern zones of increased chargeability.

<u>COLLAR</u>	<u>DIP</u>	<u>DIRECTION</u>	<u>MINIMUM DEPTH</u>
L 156 E; 25 N	-45°	South	300 ft.
L 156 E; 4 S	-45°	South	300 ft.



If field investigations should suggest that the northern zone contains economic type of sulphides, then further induced polarization surveying to delimit the area and drilling can be recommended.

Respectfully submitted,

SEIGEL ASSOCIATES LIMITED

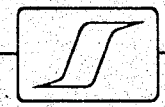
Peter J. Fominoff
per Roc

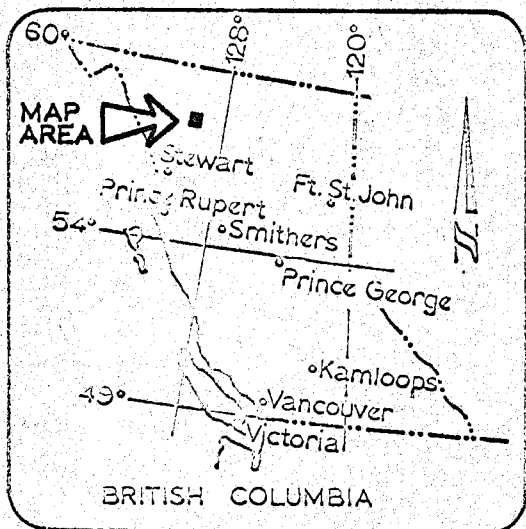
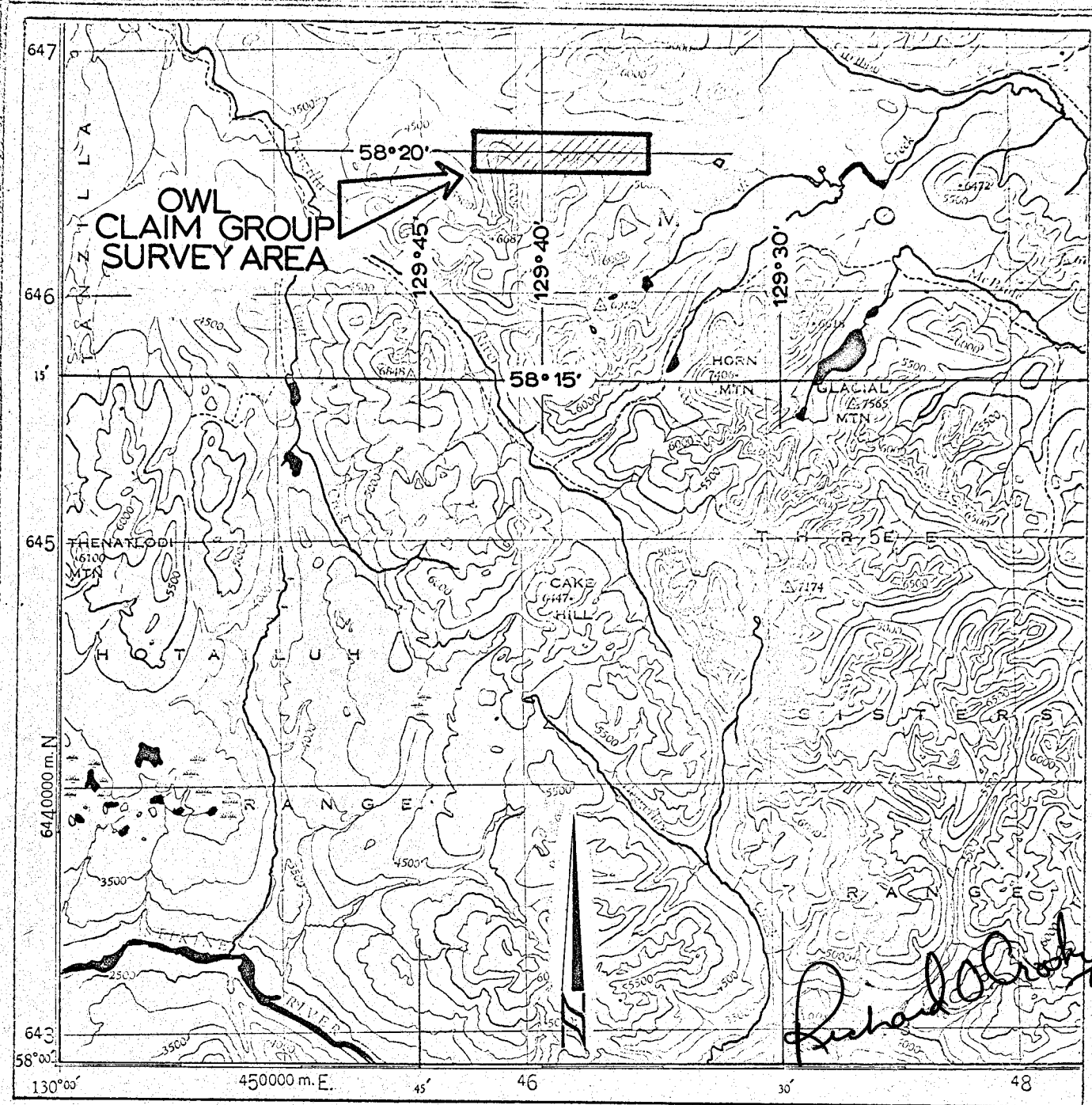
Peter J. Fominoff, B.A.Sc.
Geophysicist

Richard O. Crosby

Richard O. Crosby, B.Sc., P.Eng.
Geophysicist

Vancouver, B. C.
August 18, 1971





DOLMAGE CAMPBELL & ASSOCIATES LIMITED		
LOCATION MAP OWL GROUP		
DEASE LAKE AREA · BRITISH COLUMBIA		
SCALE 1 : 250,000	4 miles	0 4 miles
Survey by SEIGEL ASSOCIATES LIMITED JUNE 1971		PLATE 1



DOMINION OF CANADA:
PROVINCE OF BRITISH COLUMBIA.
To Wit:

In the Matter of
The OWL CLAIM GROUP

I, Robert S. Adamson

of 1000 - 1055 West Hastings St., Vancouver 1, B. C.

in the Province of British Columbia, do solemnly declare that

Expenditures for work performed on the Owl Claim Group between May 28 and June 19, 1971 are as follows:

I.P. Survey

Contracted by Siegel Associates Ltd. June 8 - June 19, 1971. 14 line miles \$6210.03
Camp maintenance: food, fuel, etc. (72 man days @ \$10/man/day) \$ 720.00

Magnetometer Survey

Wages: G. Gulajec (Magnetometer operator) June 15-19, 1971. 14 line miles \$ 225.00
Magnetometer Rental: 2 weeks @ \$285.00 per month \$ 142.50
Camp maintenance: food, fuel, etc. (5 man days @ \$10/man/day) \$ 50.00

Line Cutting

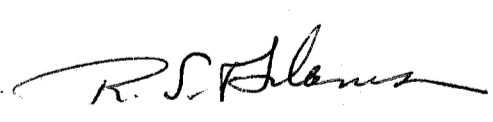
Wages: 14 line miles \$1840.50
Camp Maintenance: food fuel, etc. (66 man days @ \$10/man/day) \$ 660.00

Transportation: Helicopter: 3 hrs. 30 mins. @ \$230/hr. (Hughes 500) \$ 805.00

Total \$10,653.03

And I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of the "Canada Evidence Act."

Declared before me at the City
of Vancouver, in the
Province of British Columbia, this 4
day of October 1971, A.D.



Jean Turner
A Commissioner for taking Affidavits for British Columbia or
A Notary Public in and for the Province of British Columbia.

Sub-Mining Recorder

TO WEST SEE MAP 104 I / 5W

3

Department of
Mines and Petroleum Resources

ASSESSMENT REPORT

NO. 3292 MAP

Cariboo Creek

HUMP

GEOPHYSICAL SURVEY AREA

1952H ONL 3	1953H ONL 4	1954H ONL 5	1955H ONL 6	1956H ONL 7	1957H ONL 8	1958H ONL 9	1959H ONL 10	1960H ONL 11	1961H ONL 12	1962H ONL 13	1963H ONL 14	1964H ONL 15	1965H ONL 16	1966H ONL 17	1967H ONL 18	1968H ONL 19	1969H ONL 20	1970H ONL 21	1971H ONL 22	1972H ONL 23	1973H ONL 24	1974H ONL 25	1975H ONL 26	1976H ONL 27	1977H ONL 28	1978H ONL 29	1979H ONL 30	1980H ONL 31	1981H ONL 32	1982H ONL 33	1983H ONL 34	1984H ONL 35	1985H ONL 36	1986H ONL 37	1987H ONL 38	1988H ONL 39	1989H ONL 40	1990H ONL 41	1991H ONL 42	1992H ONL 43	1993H ONL 44	1994H ONL 45	1995H ONL 46	1996H ONL 47	1997H ONL 48	1998H ONL 49	1999H ONL 50
----------------	----------------	----------------	----------------	----------------	----------------	----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------

2

10665	10664
C	C
10663	10662
C	C

10661	10659
C	C
10660	10657
C	C

18184H LOTUS 18	18185H LOTUS 19	18186H LOTUS 20	18187H LOTUS 21	18188H LOTUS 22	18189H LOTUS 23	18190H LOTUS 24	18191H LOTUS 25	18192H LOTUS 26	18193H LOTUS 27	18194H LOTUS 28	18195H LOTUS 29	18196H LOTUS 30	18197H LOTUS 31	18198H LOTUS 32	18199H LOTUS 33	18200H LOTUS 34	18201H LOTUS 35	18202H LOTUS 36	18203H LOTUS 37	18204H LOTUS 38	18205H LOTUS 39	18206H LOTUS 40	18207H LOTUS 41	18208H LOTUS 42	18209H LOTUS 43	18210H LOTUS 44	18211H LOTUS 45	18212H LOTUS 46	18213H LOTUS 47	18214H LOTUS 48	18215H LOTUS 49	18216H LOTUS 50
--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------	--------------------

RESERVED MIN. & P.W.
FOR P.S.E. R/W
O/S 746 & 747
SUBJECT TO CONDITIONS

EASTERLY BOUNDARY
OF 10 MILE LIMIT

HOTALIUM RANGE

2776 NORN 15	2777 NORN 16	2778 NORN 17	2779 NORN 18	2780 NORN 19	2781 NORN 20	2782 NORN 21	2783 NORN 22	2784 NORN 23	2785 NORN 24	2786 NORN 25	2787 NORN 26	2788 NORN 27	2789 NORN 28	2790 NORN 29	2791 NORN 30	2792 NORN 31	2793 NORN 32	2794 NORN 33	2795 NORN 34	2796 NORN 35	2797 NORN 36	2798 NORN 37	2799 NORN 38	2800 NORN 39	2801 NORN 40	2802 NORN 41	2803 NORN 42	2804 NORN 43	2805 NORN 44	2806 NORN 45	2807 NORN 46	2808 NORN 47	2809 NORN 48	2810 NORN 49	2811 NORN 50	2812 NORN 51	2813 NORN 52	2814 NORN 53	2815 NORN 54	2816 NORN 55	2817 NORN 56	2818 NORN 57	2819 NORN 58	2820 NORN 59	2821 NORN 60	2822 NORN 61	2823 NORN 62	2824 NORN 63	2825 NORN 64	2826 NORN 65	2827 NORN 66	2828 NORN 67	2829 NORN 68	2830 NORN 69	2831 NORN 70	2832 NORN 71	2833 NORN 72	2834 NORN 73	2835 NORN 74	2836 NORN 75	2837 NORN 76	2838 NORN 77	2839 NORN 78	2840 NORN 79	2841 NORN 80	2842 NORN 81	2843 NORN 82	2844 NORN 83	2845 NORN 84	2846 NORN 85	2847 NORN 86	2848 NORN 87	2849 NORN 88	2850 NORN 89	2851 NORN 90	2852 NORN 91	2853 NORN 92	2854 NORN 93	2855 NORN 94	2856 NORN 95	2857 NORN 96	2858 NORN 97	2859 NORN 98	2860 NORN 99	2861 NORN 100	2862 NORN 101	2863 NORN 102	2864 NORN 103	2865 NORN 104	2866 NORN 105	2867 NORN 106	2868 NORN 107	2869 NORN 108	2870 NORN 109	2871 NORN 110	2872 NORN 111	2873 NORN 112	2874 NORN 113	2875 NORN 114	2876 NORN 115	2877 NORN 116	2878 NORN 117	2879 NORN 118	2880 NORN 119	2881 NORN 120
-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------	------------------

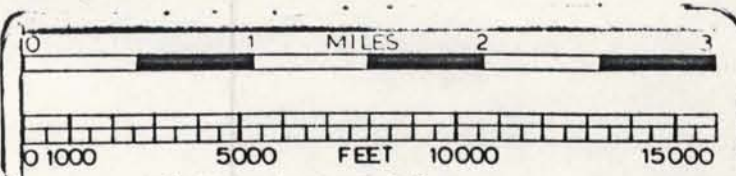
19'

129°45' LIARD MINING DIVISION TO SOUTH SEE MAP 104 I/4 E

DEPARTMENT OF MINES AND PETROLEUM RESOURCES
VICTORIA, B.C.

MINERAL CLAIM MAP 104 I/5 E (M)

For up-to-date information on claims in any area you should apply to the Mining Recorder for the Mining Division concerned.



A

C

APPENDIX 2STATEMENT OF LABOUR COSTS - OWL CLAIM GROUPMAGNETOMETER SURVEY

<u>Name</u>	<u>Dates</u>	<u>No. of Days</u>	<u>Daily Rate</u>	<u>Cost</u>
G. Gulajec	June 15-19	5	\$45.00	\$225.00

LINE CUTTING

<u>Name</u>	<u>Dates</u>	<u>No. of Days</u>	<u>Daily Rate</u>	<u>Cost</u>
G. Gulajec	May 28-June 14	18	\$45.00	\$810.00
B. Wright	May 28-June 11	15	\$18.80	\$282.00
R. Cartledge	May 28-June 11	15	\$19.90	\$298.50
W. Young	June 3-June 11	9	\$25.00	\$225.00
S. Quock	June 3-June 11	9	\$25.00	\$225.00
			Total	\$1,840.50

SEIGEL ASSOCIATES LIMITED

GEOPHYSICAL CONSULTANTS & CONTRACTORS
A DIVISION OF SCINTREX LIMITED

July 31, 1971

Invoice No. BC 10718

Job No. 825

PA
#1603
4000.00

Dolmage, Campbell and Associates Limited
1000 - 1055 West Hastings Street
Vancouver, B. C.

Attention: Mr. R. Adamson

FOR PROFESSIONAL SERVICES RENDERED:

To execute an induced polarization survey on the OWL Property, Dease Lake area, British Columbia as per our contract dated May 5, 1971.

10 Field Crew Production Days @ \$275.00/day	\$2,750.00
<u>2 Travel Days @ \$150.00/day</u>	<u>300.00</u>
12 Days	

Assistants:

K. Stoll	12 days	
K. Murbach	12 days	
M. Vallee	12 days	
R. Van Buiten	12 days	
C. Zogg	<u>12 days</u>	
	60 days @ \$27.50/day	1,650.00

PAID
Date *Aug 25/71*
Ch. No. *1720*

Expenses:

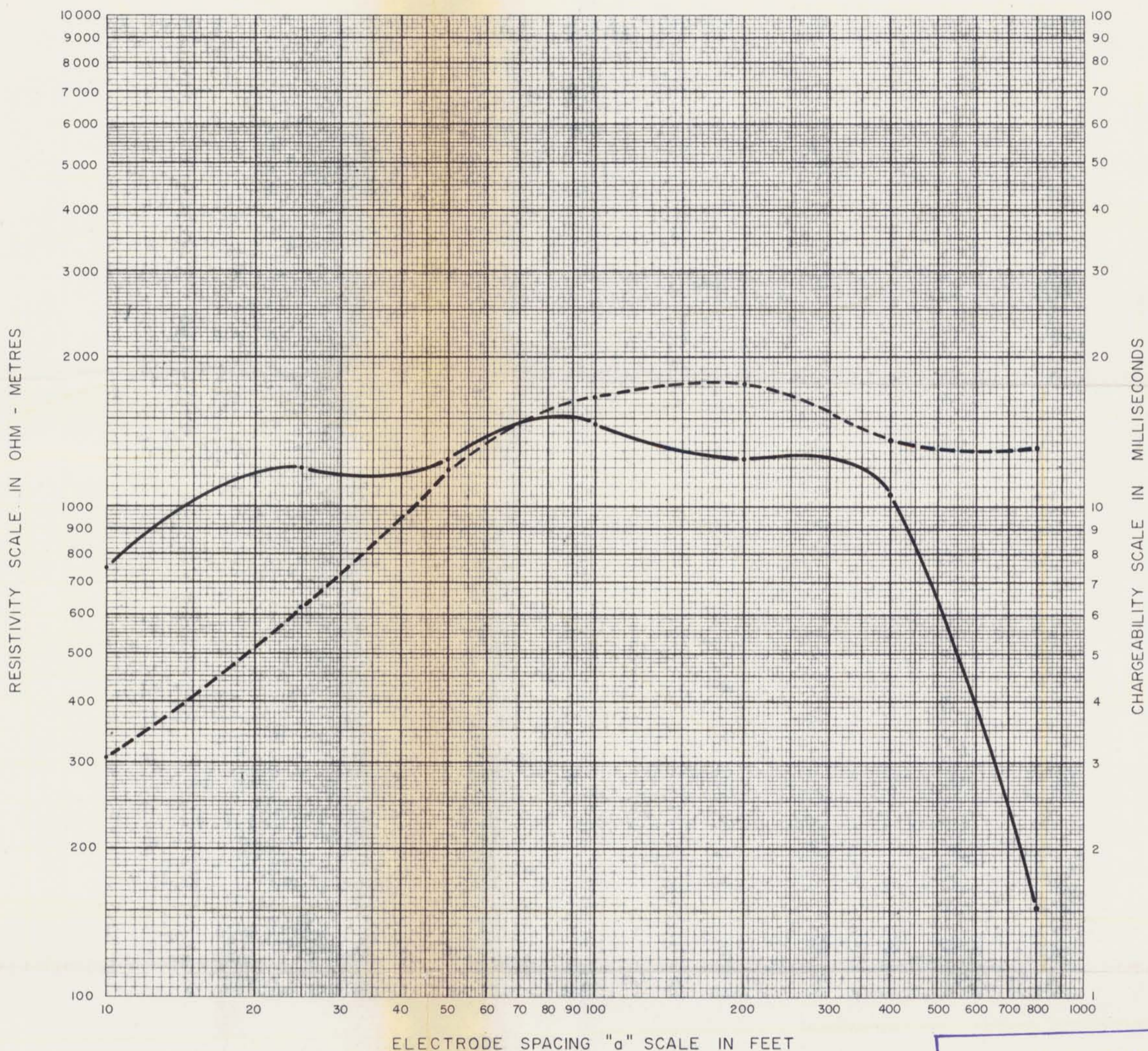
Shipping - pro rata	\$640.80
Travel - pro rata	692.30
Misc. Transportation	25.55
Telephone	<u>14.10</u>
	\$1,372.75
Plus 10 percent	<u>137.28</u>
	\$1,510.03

CLIENT <u>LIMECREW</u>
PROJECT <u>DEASE</u>
COST GROUP <u>Geophysical Surveys</u>
APPROVED <u>R.S.T.</u>

Total	<u>1,510.03</u>
Less: Deposit	<u>3,500.00</u>
Balance Due	\$2,710.03

Terms: Due when rendered. Any amounts outstanding after 30 days will bear interest at the rate of 1 percent per month.

L 188 E - 19 N



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3292 MAP #5

PLATE 5

DOLMAGE CAMPBELL & ASSOCIATES LIMITED
OWL PROPERTY
DEASE LAKE AREA, BRITISH COLUMBIA
INDUCED POLARIZATION SURVEY
WENNER EXPANDER DEPTH TEST

Richard O. Crosby

SURVEY BY SEIGEL ASSOCIATES LIMITED

JUNE 1971

LEGEND

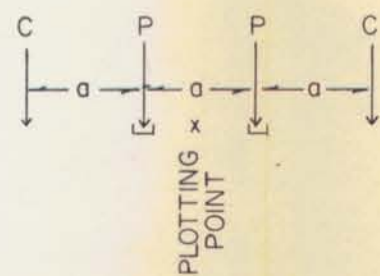
CHARGEABILITY PLOTTING POINT ——— (L 19N)

RESISTIVITY PLOTTING POINT - - - - - (L 19N)

NOTES

SCINTREX MK VII INDUCED POLARIZATION INSTRUMENTATION.

WENNER ARRAY



TO ACCOMPANY A GEOPHYSICAL REPORT
BY P. J. FOMINOFF AND R. O. CROSBY DATED AUG. 18, 1971

L 148 E L 156 E L 164 E L 172 E L 180 E L 188 E L 196 E L 204 E L 212 E L 220 E L 228 E



BASELINE 0+00

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3292 MAP #4

LEGEND

-  POSSIBLE FAULT
-  STEEPLY DIPPING "DIKE-LIKE" BODY
-  MAGNETIC CONTACT
-  2450 LINE TRACE WITH MAGNETIC VALUES IN GAMMAS
-  100 GAMMA CONTOUR INTERVAL

TO ACCOMPANY A GEOPHYSICAL REPORT
BY P.J. FOMINOFF AND R.O. CROSBY DATED AUG. 18, 1971

PLATE 4
DOLMAGE CAMPBELL & ASSOCIATES LIMITED
OWL PROPERTY
DEASE LAKE AREA, BRITISH COLUMBIA

MAGNETOMETER SURVEY
MAGNETIC CONTOUR PLAN
GEOPHYSICAL INTERPRETATION
SCALE 1 inch = 400 feet



SURVEY BY DOLMAGE CAMPBELL & ASSOCIATES LIMITED JUNE 1971
INTERPRETATION BY SEIGEL ASSOCIATES LIMITED JULY 1971

Richard O. Crosby

L 148 E

L 156 E

L 164 E

L 172 E

L 180 E

L 188 E

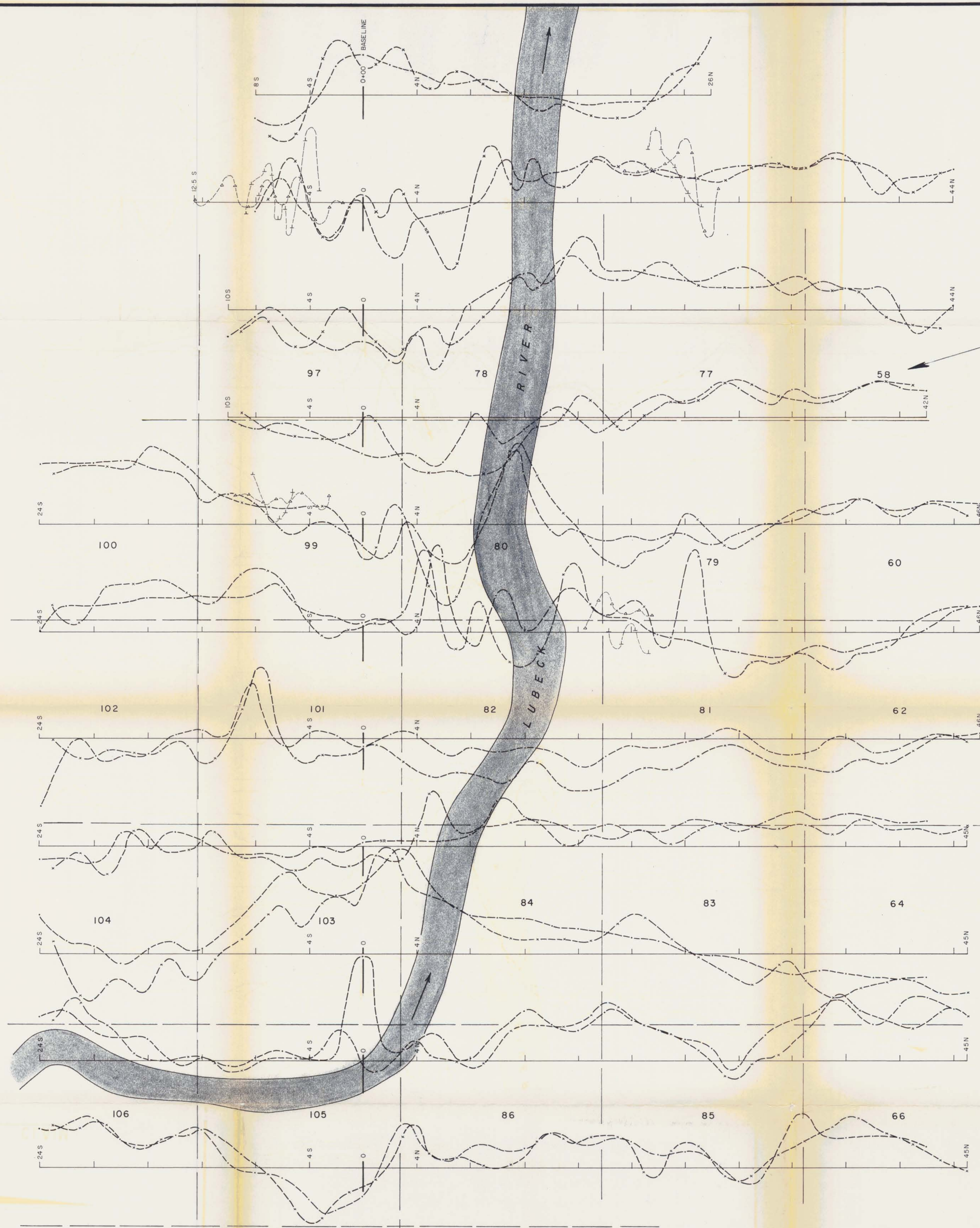
L 196 E

L 204 E

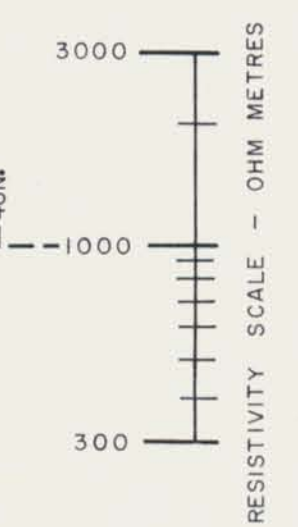
L 212 E

L 220 E

L 228 E



OWL CLAIM GROUP



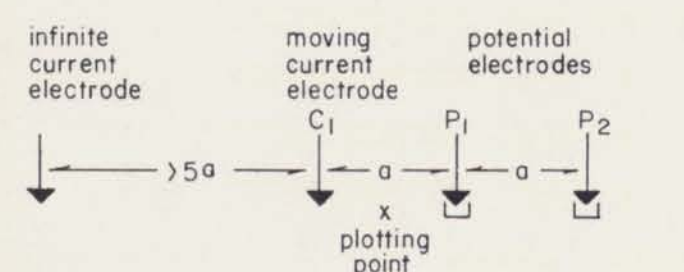
LEGEND

RESISTIVITY SCALE: 2 inches = 1 LOGARITHMIC CYCLE WITH LINETRACE
TAKEN AS 1000 OHM-METRES

- ELECTRODE SPACING
- a = 400' - - - - -
 - a = 200' - x - x - x -
 - a = 100' - Δ - Δ - Δ -
 - a = 50' - | - | - | -

NOTES

SCINTREX MK VII INDUCED POLARIZATION INSTRUMENTATION
THREE ELECTRODE ARRAY



TO ACCOMPANY A GEOPHYSICAL REPORT
BY P. J. FOMINOFF AND R.O. CROSBY DATED AUG. 18, 1971

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3292 MAP #3

PLATE 3

DOLMAGE CAMPBELL & ASSOCIATES LIMITED
OWL PROPERTY
DEASE LAKE AREA, BRITISH COLUMBIA

INDUCED POLARIZATION SURVEY

RESISTIVITY PROFILES
CLAIM LOCATIONS
SCALE 1 inch = 400 feet



SURVEY BY SEIGEL ASSOCIATES LIMITED

JUNE 1971

Richard A. Crosby

M-2

L 148 E

L 156 E

L 164 E

L 172 E

L 180 E

L 188 E

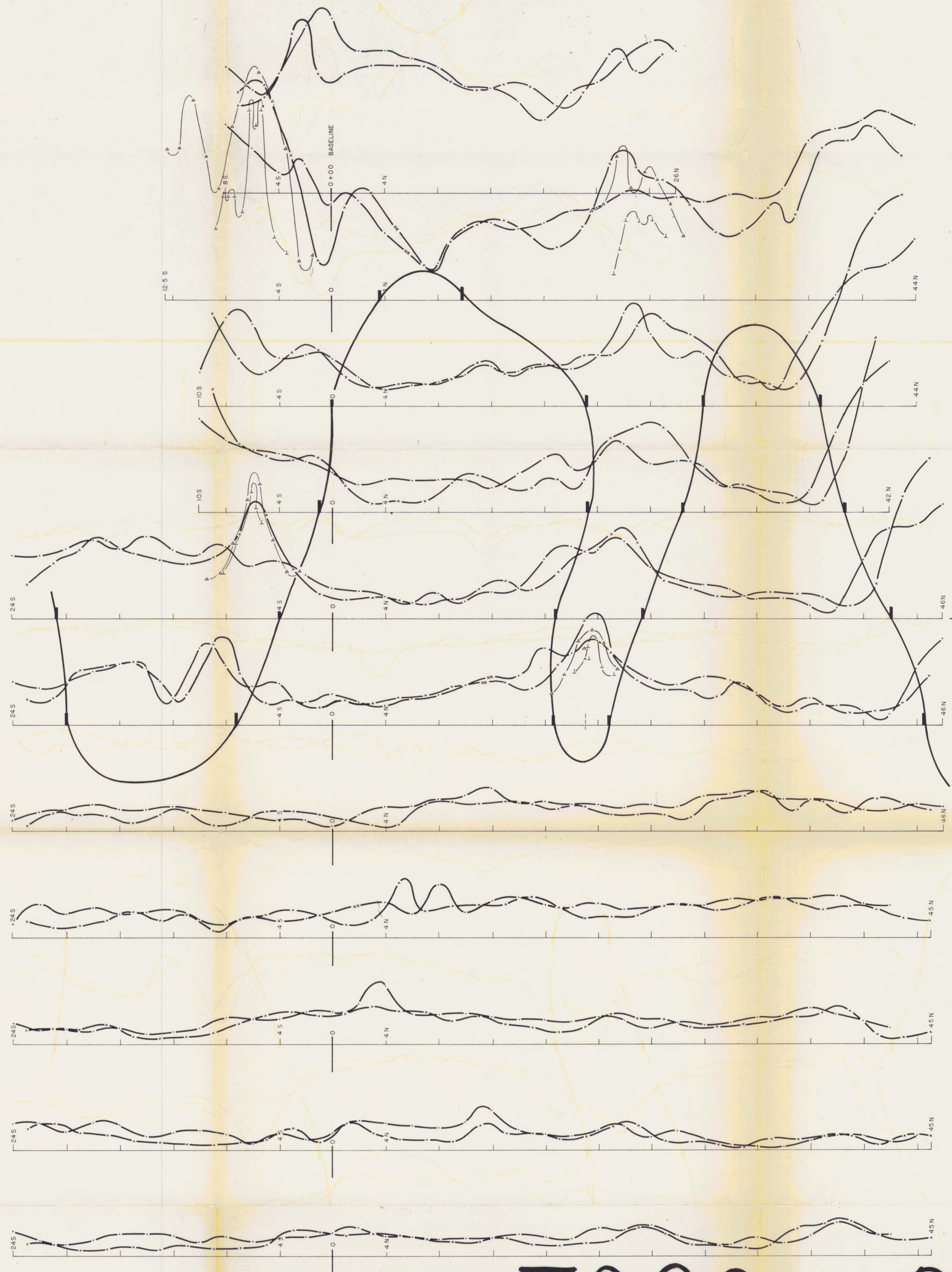
L 196 E

L 204 E

L 212 E

L 220 E

L 228 E



CHARGEABILITY SCALE - MILLISECONDS

3292 M-2

LEGEND

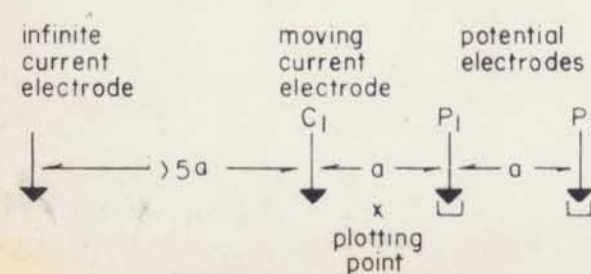
CHARGEABILITY SCALE: 1 inch = 10 MILLISECONDS

ELECTRODE SPACING
 a = 400' ————
 a = 200' — x — x —
 a = 100' — Δ — Δ —
 a = 50' — ⊥ — ⊥ —

CHARGEABILITY CONTACT

NOTES

SCINTREX MK VII INDUCED POLARIZATION INSTRUMENTATION
 THREE ELECTRODE ARRAY



TO ACCOMPANY A GEOPHYSICAL REPORT
 BY P. J. FOMINOFF AND R. O. CROSBY DATED AUG. 18, 1971

Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 3292 MAP #2

PLATE 2

DOLMAGE CAMPBELL & ASSOCIATES LIMITED
 OWL PROPERTY
 DEASE LAKE AREA, BRITISH COLUMBIA

INDUCED POLARIZATION SURVEY
 CHARGEABILITY PROFILES

SCALE 1 inch = 400 feet
 400 feet 0 400 feet

SURVEY BY SEIGEL ASSOCIATES LIMITED JUNE 1971

Richard A. Crosby