TULOON PROPERTY

LAT. 51°-36'N., LONG. 120°-18'W.

Kamloops Mining Division
N.T.S: 92-P-9

A Geophysical Report
By Wm. J. Hill

For 92P/9W

Imperial Oil Limited
500 - 6th Avenue S.W.
Calgary, Alberta

September 25 to October 10, 1972

Claim Holders

K. Calder & G.L. Jim
c/o K. Calder
5210 Ash Street
Vancouver, B.C.

4137

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SUMMARY

The Tuloon property consists of 40 mineral claims, located at latitude 51°-36'N., longtitude 120°-18'W., 12-miles northwest of Little Forst, B.C. Topographic relief is mild, with elevations ranging from 3900 to 4500-feet above sea level, on the property.

The claim group is owned by Messrs. K. Calder and G.L. Jim of Vancouver and Little Fort, B.C.

The Tuloon property is underlain by a graben type block of (?) Lower to Middle Jurassic argillite and andesitic volcanic rock, five miles wide and perhaps ten miles long, flanked on the northeast and southwest by faults. The rock on each flank are described as part of the Nicola Group, mainly argillaceous on the northeast and andesitic on the southwest.

The stock itself occupies a low hill in the centre of the property, surrounded by argillite and andesite which are altered to hornfels at their contact.

Geophysical induced polarization/resistivity results show a general high resistivity over the stock with a low resistivity over the contact and related hornfels. P.F.E.'s are also high over the contact zone.

Definitely anomalous I.P. results are as follows:

L300N - 440W - 460W,
L320N - 440W - 460W,
L340N - 420W - 460W,
L360N - 460W - 480W,
L380N - 460W - 480W.

Assaying results on Hole No. 69-9 gave low Mo results and only trace amounts of WO_3.

INTRODUCTION

GENERAL STATEMENT

Exploration was started on the Tuloon property following the signing of an agreement between Imperial Oil Limited and Vangulf Exploration Company.

Work carried out during the 1972 exploration season included: linecutting, geological mapping, induced polarization/resistivity surveying and assaying some previous drill holes drilled by Falconbridge in 1969. Only that data which is allowed for assessment purposes is compiled and discussed in this report.

LOCATION AND ACCESS

The Tuloon property is located at latitude 51°-36'N., longtitude 120°-18'W., 12-miles northwest of Little Fort, B.C., near the north end of Tintlhohtan (Tuloon) Lake. Little Fort is 57-miles north of Kamloops on Highway No. 5 and on the C.N. railroad. Access to the property from Little Fort is by 17-miles of dirt road up Lemieux and Fourteen Mile Creeks. A good, small four-wheel drive vehicle is essential.

PREVIOUS WORK

Molybdenum float containing up to 10% MoS_2 was made in 1938, near Tintlhohtan Lake. Later, trenching and pitting uncovered a small flat lying pod of pegmatitic(?) material which appeared to be the source of the float.

The property was optioned by Calder Molybdenum Company in 1960, during which time some trenching and diamond drilling was done. In 1961, Bralorne Pioneer Mines did some limited I.P. work and drilled three holes, a total of 529-feet.

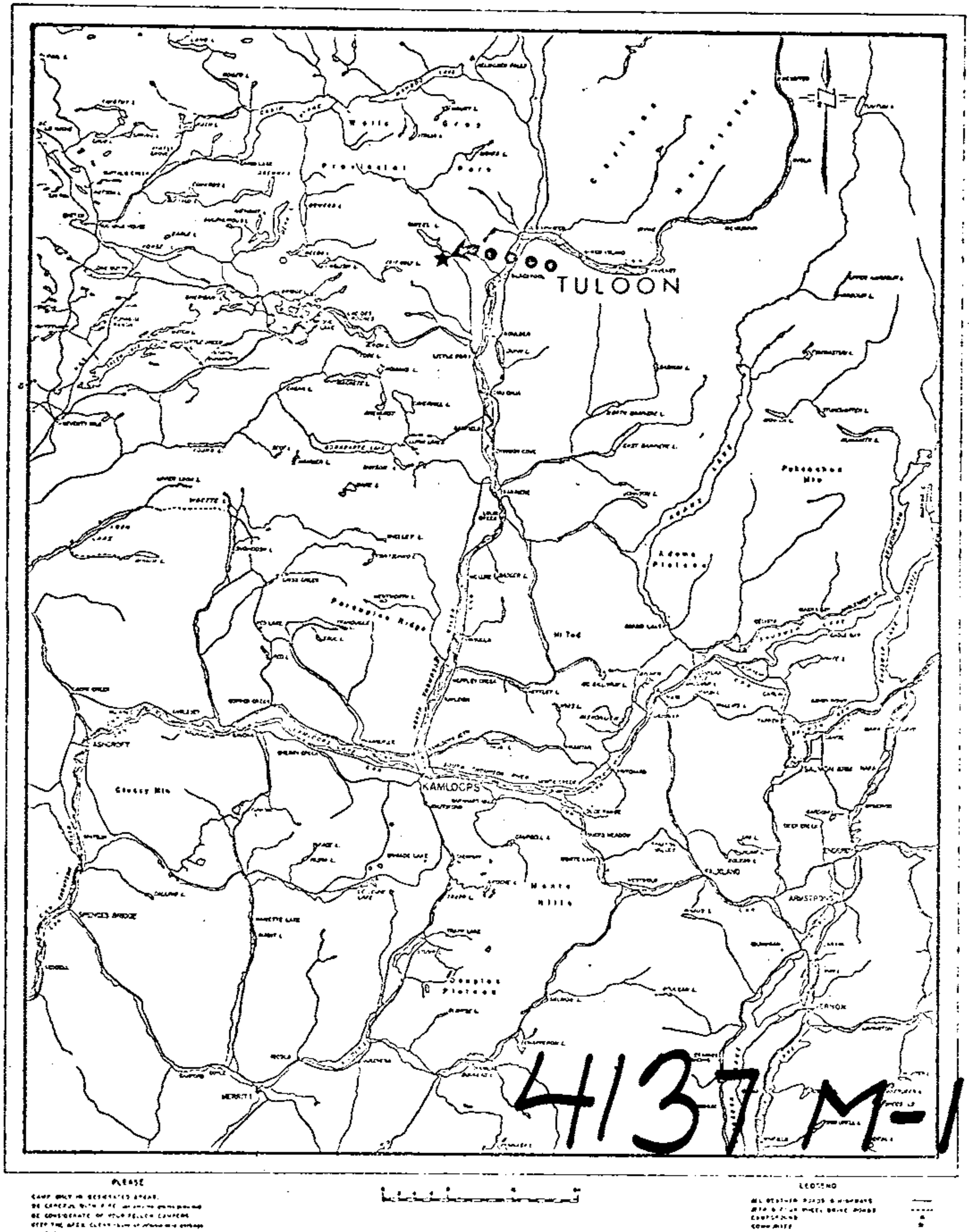


FIGURE 1

Rio Tinto optioned the property in 1965, doing detailed geological mapping, magnetometer work, soil geochemistry, extensive trenching and sampling, some I.P. work and some reconnaissance stream sediment geochemistry.

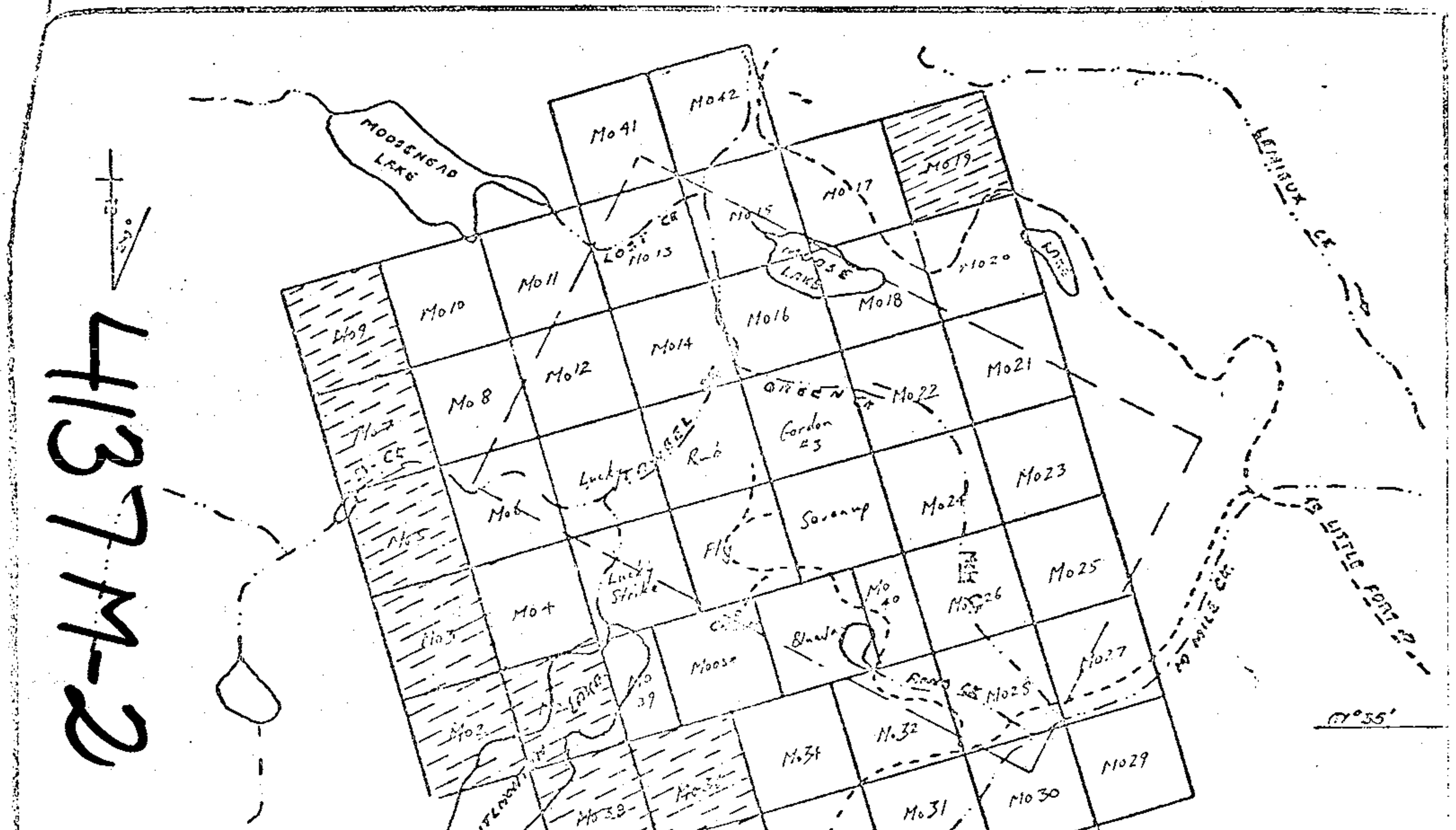
Falconbridge optioned the property in 1966, in which time they did 2032-feet of diamond drilling. They again optioned the property in 1969 and drilled another 3233-feet as well as doing soil geochemistry, EM-16 survey and a magnetometer survey over the grid area.

PROPERTY

The property comprises 40 mineral claims, located by the owners, Messrs. Gung Loy Jim of Little Fort, B.C., and Ken Calder of 5210 - Ash Street, Vancouver, B.C. The claims are in good standing until 1977.

In November, 1971, the property was optioned by Vangulf Exploration Company. A joint exploration agreement was then signed by the above company and Imperial Oil Limited in May, 1972.

The claim names, record numbers and anniversary dates are shown in Schedule 'A'.



TULOON PROJECT

CLAIM PLAN

SCALE
1:25000
FIGURE 2

4137 M-2

NAME OF GROUP (IF ANY) _____ GROUP NOTICE NUMBER _____ DATE FILED _____

CERTIFICATE OF WORK NUMBER(S)	NAME OF CLAIM	RECORD NUMBER(S)	WORK DONE SINCE (LAST ANNIV. DATE)	PENALTY FEES	NUMBER OF YEARS AND TYPE OF WORK (EACH CLAIM) ORDINARY	ROAD OR TRAIL	LEGAL SURVEY	SURVEY			TOTAL YEARS
71136-71143	Mo 4	50302	June 1/69		8						8
71144-71151	Mo 6	50304	June 1/69		8						8
71152-71159	Mo 8	50306	June 1/69		8						8
71160-71231	Mo 10 - 18	50308-50316	June 1/69		8						72
71232-71351	Mo 20 - 34	50318-50332	June 1/69		8						120
71352-71367	Mo 39 - 40 Frs.	50337-50338	June 1/69		8						16
71368-71383	Mo 41 - 42	51687-51888	Sept. 23/69		8						16
71384-71391	Seven Up	13874	Aug. 9/69		8						8
71392-71399	Blue Jay	13875	Aug. 9/69		8						8
71400-71407	Moose	13876	Aug. 9/69		8						8
71408-71415	Lucky Strike	13877	Aug. 9/69		8						8
71416-71423	Gordon No. 3	43991	July 22/69		8						8
71424-71431	Loon	46679	July 6/69		8						8
71432-71439	Fly	46680	July 6/69		8						8
71440-71447	Lucky	46681	July 6/69		8						8
71448-71455	Rub	46682	July 6/69		8						8
			TOTAL PENALTY FEES						TOTAL CERTIFICATES		320

FIGURE 3

GEOPHYSICS

GENERAL STATEMENT

Prior to the induced polarization/resistivity survey being carried out, a new grid system was cut as it was thought that this grid system would define any anomalous areas much better. A total of 9.55 line miles was cut with 200-foot stations as shown in Figure 5.

A total of 8.10 line miles was in the induced polarization survey. The purpose of the survey was:

(1) Outline any possible conductors which could be traced to sulphide bodies.

(2) Determine the position of the stock in relation to the surrounding volcanics and argillites.

(3) Define any possible igneous phases within the intrusion.

INDUCED POLARIZATION SURVEY

INTRODUCTION AND THEORY

Induced polarization as a geophysical measurement refers to blocking action on polarization of metallic or electronic conductors in a medium of ionic solution conduction. The term "Induced Polarization" simply means electrical polarization induced by an applied electric field; the cause of this polarization is changes in the mobilities of ions within a rock.

At the interfaces between zones of different mobilities, excess or deficiencies of certain ions occur; these

concentration gradients developed oppose the current flow causing a polarizing effect. 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.

The values of the percent frequency effect (P.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 (M.F.) are most useful in determining the amount of polarization present in the rock mass. The metal factor is proportional to the product of the frequency effect and the conductivity (apparent resistivity).

INSTRUMENTS

The instrument used in the Tuloon I.P. Survey was McPhar P660 unit along with a 2.5 KVA generator.

The P660 transmitter transmitted two frequencies: 5HZ and 0.3HZ from different channels. These frequencies were not transmitted simultaneously. Voltage output is 0-700V with maximum current of 5 Amp.

The receiver was a McPhar P670 unit with a sensitivity of 100 microvolt to 10 volt in 5 ranges. A $\pm$1% calibrating resistor of .05 Ohm ensures accuracy under all conditions.

The motor generator was a 2.5 KVA; Model 152L JLO. Output was maintained at 132 volts at 400 cps.

PROCEDURE

The survey method employed at the Tuloon property was the moving in line, dipole-dipole array. The dipole length was 200-feet and readings were taken for dipole separations of one, two and three (i.e.: 200, 400, and 600-feet). Two grid lines were also run with a dipole length of 100-feet, with readings taken for dipole separations of one, two, and three.

Cold rolled steel electrodes were used and to lower contact resistance salt water was used as an electrolyte. The transmitting electrodes were calibrated at every set-up to ensure accurate results.

The standard plotting arrangement of a "Psuedosection" for dipole-dipole I.P. was used to assemble the data.

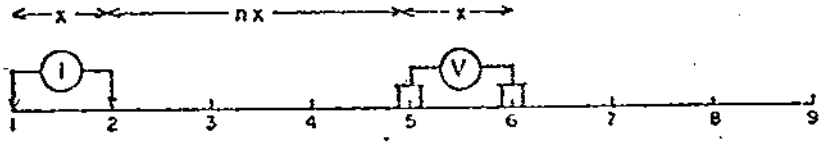
RESULTS AND DISCUSSION

The results are broken down into four categories: no anomaly, possible anomaly, probable anomaly, and define anomaly. A line by line description of the results on 200-foot spacings is as follows:

Line 140N - No anomalies.

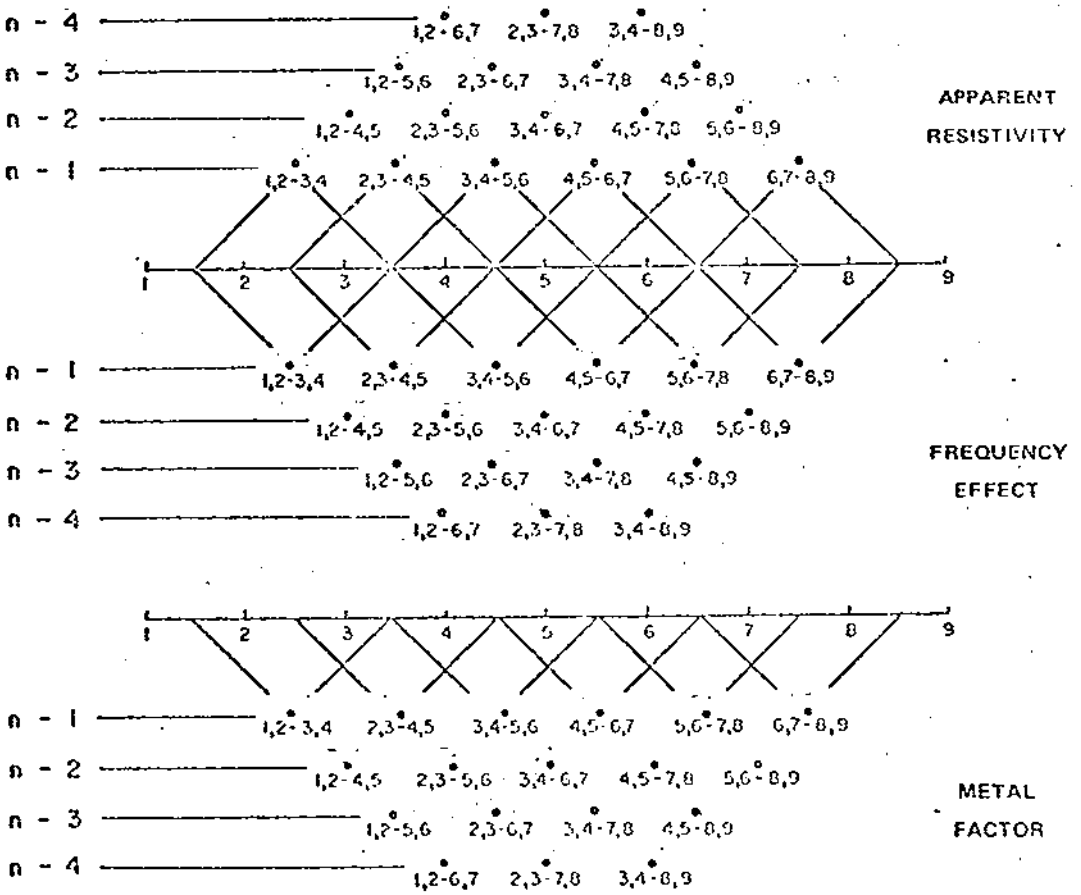
Line 220N - One probable anomaly from 380W - 420W.

METHOD USED IN PLOTTING DIPOLE-DIPOLE INDUCED POLARIZATION AND RESISTIVITY RESULTS



Stations on line

x = Electrode spread length
n = Electrode separation



Line 260N - A probable anomaly from 140W - 160W.
A possible anomaly from 160W - 180W.
A probable anomaly from 400W - 420W.

Line 300N - A probable anomaly from 420W - 440W.
A definite anomaly from 440W - 460W.
A possible anomaly from 460W - 480W.

Line 320N - A possible anomaly from 420W - 440W.
A definite anomaly from 440W - 460W.
A probable anomaly from 460W - 480W.

Line 340N - A probable anomaly from 100W - 140W.
A definite anomaly from 420W - 460W.
A probable anomaly from 460W - 480W.

Line 360N - A probable anomaly from 440W - 460W.
A definite anomaly from 460W - 480W.

Line 380N - A probable anomaly from 100W - 125W.
A possible anomaly from 150W - 170W.
A definite anomaly from 460W - 480W.

Line 420N - A probable anomaly from 100W - 160W.
A possible anomaly from 160W - 180W.
A probable anomaly from 440W - 480W.

Line 460N - A possible anomaly from 120W - 140W.
A probable anomaly from 140W - 160W.
A possible anomaly from 160W - 180W.
A possible anomaly from 370W - 390W.
A possible anomaly from 460W - 480W.

Line 500N - A possible anomaly from 180W - 200W.
A probable anomaly from 200W - 240W.
A possible anomaly from 340W - 360W.

Line 540N - A possible anomaly from 220W - 240W.
A probable anomaly from 240W - 280W.
A possible anomaly from 280W - 320W.

Two 100-foot spacings on lines 380N and 420N, gave the following results:

Line 380N - A possible anomaly from 225W - 240W.
A possible anomaly from 250W - 260W.

Line 420N - No anomalies.

The resistivities at the Tuloon property range from less than 100 ohm feet to over 2500 ohm feet. The higher resistivities were located over the Tuloon stock and the very low resistivities at the contact between the stock and the country rock.

The P.F.E.'s are generally low, except at the contact zone between the stock and the country rock. Over the stock, they are generally 1.5% to 3% while over the country rock the P.F.E.'s are much higher - 4% to 20%.

The metal factors give somewhat the same results as the P.F.E.'s, being high over the contact zone and low over the stock itself.

The anomalies, as outlined, generally show up the contact zone between the stock and the country rock, indicating

an increase of sulphides at the contact, probably in the andesites and argillites. The possibility of some mineralization in this area is good although parts of the contact have been checked by diamond drilling by other companies.

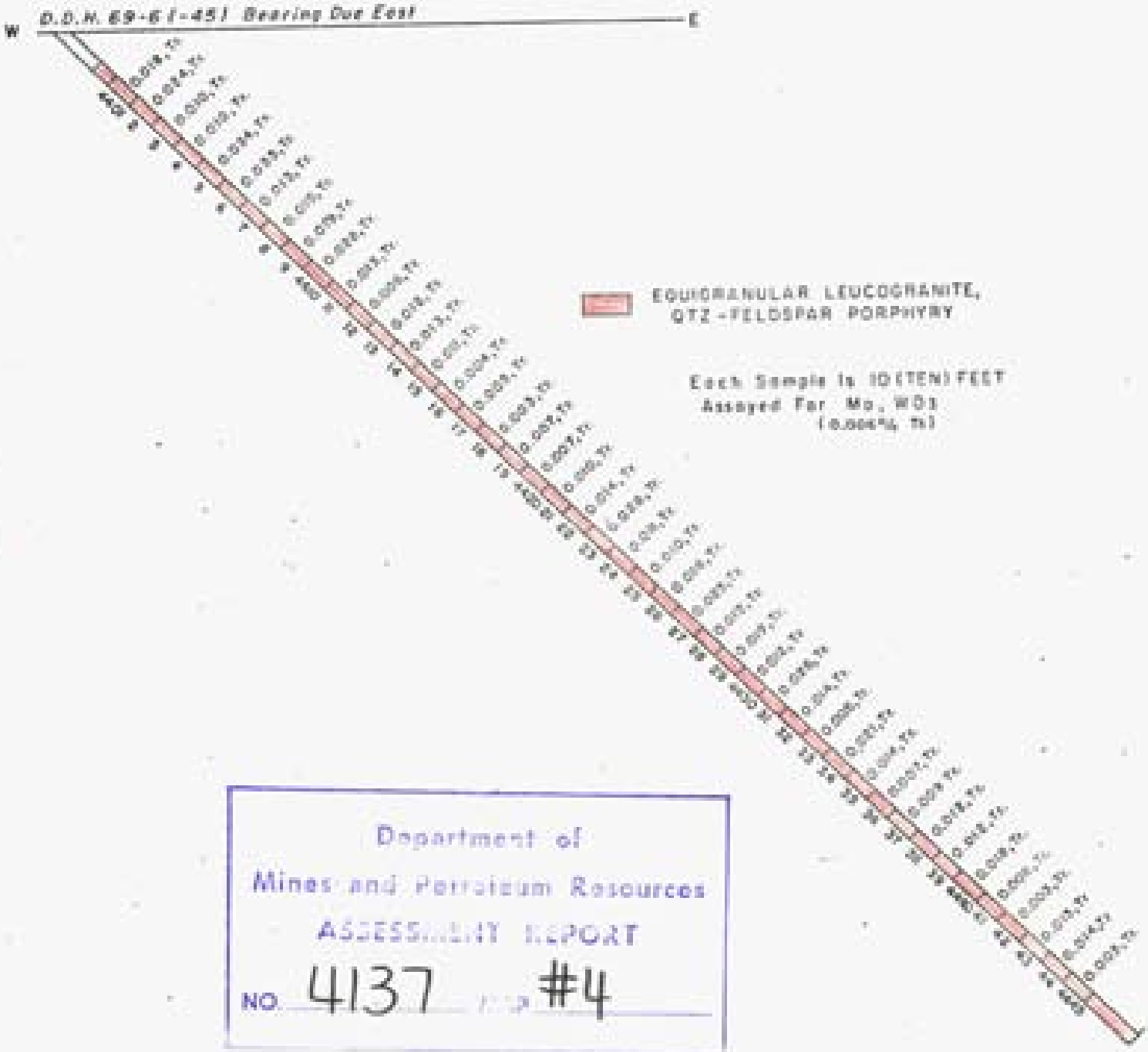
Minor possible anomalous conditions are indicated in the intrusion itself and these should be checked further in relation to the geology before any decision should be made.

ASSAYING

One of the diamond drill holes, No. 69-9, was split and assayed along 10-foot sections. The results of these assays are given in Figure 4. A copy of the drill log, as interpreted by Falconbridge from a previous report, is enclosed.

As shown in the results, the assays for Mo are very low and those for WO_3 are only traces.

WJH/sla



Scale 1" = 50 Feet

TULOON PROJECT 92P-9
D.D.H. 69-9
Assay Results

FIGURE ____

TO ACCOMPANY A REPORT BY W.J. HILL IMPERIAL OIL LIMITED DATED NOV. 1972

CERTIFICATE OF QUALIFICATIONS

I, William J. Hill, of 11040 Brae Rd. S.W., Calgary, Alberta, certify and declare that I am a graduate of the University of Manitoba with a B.Sc. degree in Geology (1967). I have taken a further two (2) years of geology and related courses at the University of Manitoba, which is credited to an M.A. degree, still to be completed.

I am an associate member of the Geological Association of Canada and a member of the Canadian Institute of Mining and Metallurgy.

I have been employed by Imperial Oil Ltd., 500 - 6th Ave. S.W., Calgary, Alberta, since 1969. While working with this company, I have conducted and directed exploration programs, property examinations and property evaluations in southeastern and central British Columbia.

Prior to working with Imperial Oil Ltd., I have helped conduct exploration programs in geological mapping, geochemical prospecting and geophysics with a variety of companies in British Columbia, Saskatchewan and New Brunswick.

SIGNED: William J. Hill

William J. Hill

WITNESSED: Edward L. Pekar

Edward L. Pekar
Chief Geologist, Western Canada

APPENDIX I

Induced Polarization Profiles

APPENDIX 2

Assay Results

To: Imperial Oil Limited

PAGE No. 1

REPORT No A6021

DATE: October 31, 1972

BONDAR-CLEGG & COMPANY LTD.

500 Sixth Avenue South West
Calgary, Alberta, T2P0S1

CERTIFICATE OF ASSAY

Samples Submitted: October 25, 1972
Results Completed: October 31, 1972

Attention: Mr. Wm. J. Hill

I hereby certify that the following are the results of assays made by us upon the herein described core and ore samples.

MARKED	GOLD		SILVER	Mo	WO_3	Cu					TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
4401				0.018	Trace						
4402				0.024	Trace						
4403				0.010	Trace						
4404				0.010	Trace						
4405				0.034	Trace						
4406				0.035	Trace						
4407				0.013	Trace						
4408				0.019	Trace						
4409				0.019	Trace						
4410				0.028	Trace						
4411				0.013	Trace						
4412				0.006	Trace						
4413				0.012	Trace						
4414				0.013	Trace						
4415				0.011	Trace						
4416				0.004	Trace						
4417				0.005	Trace						
4418				0.003	Trace						
4419				0.007	Trace						
4420				0.007	Trace						
4421				0.010	Trace						

cont'd...2

Registered Assayer, Province of British Columbia

To: Imperial Oil Limited

PAGE No. 2

REPORT No A22[illegible]51

DATE: October 31, 1972

BONDAR-CLEGG & COMPANY LTD.

CERTIFICATE OF ASSAY

I hereby certify that the following are the results of assays made by us upon the herein described ore and core samples.

MARKED	GOLD		SILVER	Mo	WO_3	Cu					TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
4422				0.014	Trace						
4423				0.028	Trace						
4424				0.011	Trace						
4425				0.010	Trace						
4426				0.016	Trace						
4427				0.025	Trace						
4428				0.019	Trace						
4429				0.019	Trace						
4430				0.012	Trace						
4431				0.026	Trace						
4432				0.014	Trace						
4433				0.005	Trace						
4434				0.021	Trace						
4435				0.014	Trace						
4436				0.007	Trace						
4437				0.009	Trace						
4438				0.012	Trace						
4439				0.012	Trace						
4440				0.018	Trace						
4441				0.006	Trace						
4442				0.003	Trace						
4443				0.013	Trace						
4444				0.014	Trace						
4445				0.005	Trace						
4446	0.40		0.28	-	0.02	0.18					

Registered Assayer, Province of British Columbia

NORTH 1770 S. STARTED October 14, 1969

EAST 3765 E. COMPLETED October 23, 1969

ELEV. 4100(Est.) LENGTH 496

BEARING Due E.

DIP 45^0

FALCONBRIDGE

DIAMOND DRILL RECORD

PROPERTY

TAMIEL

PURPOSE Test Contact

Zone.

LOGGED BY R. McGuire

HOLE No. 69-9

CLAIM MO # 40

SECTION

OFFSET

PLOTTED

FOOTAGE	DESCRIPTION	SAMPLE	FOOTAGE	C. L.				
0-18	Casing							
18-20	90% argillite, 19% equigranular qtz. monz., prosumed boulders on bedrock							
20-123	Equigranular qtz.. monz.							
20-25	Approx. 5 fract. /ft. at 35°,, mainly barren							
20.5	Hairline qtz. vein at 35°, trace py.							
20.9-21	Hairline qtz. veins at 30°, trace py. and MoS_2							
22.7	Hairline qtz. veins at 40°, trace py. and MoS_2							
25-46	Approx. 80% core recovery and approx. 8 fract. /ft. from 0° - 35°							
25.3	Hairline qtz. vein at 40°, trace py.							
26.1	1/8" qtz. vein at 35°, some MoS_2 along contact							
26.6	1/8" qtz. vein at 35°, some MoS_2 along contact							
27.2	1/8" qtz. vein sub-parallel to core, trace MoS_2							
27.5	Hairline qtz. vein at 25°, trace MoS_2							
36.2	Hairline qtz. vein at 20°, trace MoS_2							
36.3	Hairline qtz. vein at 75°, py. and trace MoS_2							
38.2	1/8" - 1/2" qtz. vein at 20°, MoS_2 mainly along contacts							
38.5	1/4" qtz. vein at 45°, MoS_2 mainly along contacts							
38.9	1/4" qtz. vein at 45°, MoS_2 along contacts							
39.8	1/8" qtz. vein at 50°, py. crystals and mica							
41.9	1/8" qtz. vein at 30°, MoS_2, small trace py.							

Y12 A

FOOTAGE	DESCRIPTION	SAMPLE	FOOTAGE	C.L.				
42.1	Hairline qtz. vein at 30°, trace MoS_2							
42.5	Fract. at 20°, MoS_2 and trace py.							
43.3	Small diss. py. crystals							
43.5	1/4" - 1" qtz. vein at 50°, vuggy with large py. crystals. Small trace MoS_2 along one contact							
43.6	1/8" qtz. vein at 50°, some py. crtstals							
44.1	Fract. at 40°, MoS_2							
44.1-44.4	Fract. sub-parallel to core, MoS_2, trace py.							
44.5-44.8	Several irreg. fract., py. and mica							
45.8	1/8" qtz. vein at 35°, trace MoS_2							
46.7	1/8" - 1/6" irreg. qtz. vein at 40°, MoS_2							
47.3	Hairline qtz. vein at 40°, MoS_2							
46-57	80% core recovery approx. 6 fract. /ft.							
49.1	1/8" qtz. vein at 35°, trace MoS_2 and py.							
52.2	1/2" qtz. vein at 30°, very small trace MoS_2 along contacts							
52.7	1/8" qtz. vein at 20°, MoS_2, trace py.							
53.6	Hairline qtz. vein at 40°, trace MoS_2							
55.9	1/8" qtz. vein at 35°, trace MoS_2							
57-72	85% core reocvery and approx. 10 fract. /ft. at 20-40°							
58.8	Hairline qtz. vein at 30°, MoS_2 and trace py.							
60.3	1/8" qtz. vein at 35°, MoS_2							
62.3	1/8" qtz. vein at 15°, MoS_2 and trace py.							
62.4	1/8" qtz. vein at 30°, MoS_2 and trace py.							
63.2	Fract. at 30°, trace MoS_2							
63.3	Hairline qtz. vein at 30°, MoS_2							
63.6	1/8" qtz. vein at 40°, MoS_2							

12 A

FOOTAGE	DESCRIPTION	SAMPLE	FOOTAGE	C.L.				
66.8	1/8" - 1/4" qtz. vein (irreg.) at 10 - 30°, MoS_2							
67	1/8" qtz. irreg. vein sub-parallel to core , MoS_2 Also some MoS_2 diss. in qtz. monz.							
67.1	1/8" qtz. vein at 10°, MoS_2							
67.6	1/2" qtz. vein at 45°, trace MoS_2							
67.7	1/4" qtz. vein at 45°, trace MoS_2, some diss. MoS_2 in qtz. monz. between the two above qtz. veins							
67.8	1/4" qtz. vein at 45°, MoS_2 near contacts							
68.2	2 qtz. veins intersecting one approx. 1/4", the other 1/2" and sub-parallel to core. Contain MoS_2 in and near contacts (Vuggy)							
70.1	Hairline qtz. vein at 60°, barren							
70.2	1/2" qtz. vein at 60°, barren							
71.3	3/4" qtz. vein at 45°, barren							
71.4-71.8	Large qtz. vein of indeterminate width due to broken core and recovery, barren							
71.8-72	Several irreg. qtz. veins from hairline to 1/4" at approx. 35°, barren							
72-72.5	Several irreg. qtz. veins from hairline to 1/4" at 40°, barren							
72-85	95% core recovery and approx. 12 fract. /ft. at 20-40°							
73.2	1/4" qtz. vein at 40°, barren							
73.3	1/4" qtz. vein at 40°,some py.							
73.5	Fract. at 45°, MoS_2, mica and py.							
74.9-75.3	Several irreg. qtz. veins approx. 1/8" and approx. 45°, scattered MoS_2 in pockets.							
75.5	1/8" - 1/4" qtz. vein at 35°, MoS_2 and small amount py.							

V12A

FOOTAGE	DESCRIPTION	SAMPLE	FOOTAGE	C.L.				
75.7	1/8" qtz. vein at 15°, MoS_2							
76.3	Hairline qtz. vein at 30°, MoS_2, trace py.							
76.7	1/8" qtz. vein at 25°, MoS_2, trace py.							
77.2	Fract. at 30°, small pockets MoS_2							
77.6-77.7	Several fract. sub-parallel to core, trace MoS_2							
77.8	Hairline to 1/8" qtz. vein at 20°, MoS_2							
78.1	Irreg. hairline qtz. vein at approx. 30° containing pockets MoS_2							
78.1-78.7	Pockets (small) of idss. MoS_2							
78.6	Hairline fract. at 35°, MoS_2							
79.1	Hairline qtz. vein at 35°, trace MoS_2							
79.3	Hairline qtz. vein at 35°, trace MoS_2							
79.7	Hairline fract. at 35°, MoS_2							
81	Hairline qtz. vein at 35°, trace MoS_2							
81.3	Hairline qtz. vein at 35°, barren							
81.9	1/8" qtz. vein at 35°, MoS_2							
83.3	1/8" qtz. vein at 20°, MoS_2							
84.2	Pocket of dark green feldspar with py. crystals and MoS_2 in small amounts occurring nearby							
85-97	95% recovery, numerous fract. /ft. mainly at 20 - 45°							
85.2	1/8" qtz. vein at 50°, (vuggy) WO_3 in small pockets near contact							
85.2-85.3	MoS_2 in small amounts diss. in qtz. monz.							
86.2	Hairline qtz. vein at 35°, trace MoS_2							
86.5	Irreg. and faulted 1/8" qtz. vein at approx. 25° MoS_2 and trace Py.							

12 A

FOOTAGE	DESCRIPTION	SAMPLE	FOOTAGE	C.L.				
86.8	Hairline qtz. vein at 30°, very small trace py.							
87.1	Hairline qtz. vein at 10°, barren							
87.5	Hairline qtz. vein at 30°, MoS_2							
88.1	1/8" qtz. vein at 35°, trace MoS_2 along contact							
90.1	Hairline qtz. vein at 30°, MoS_2							
90.2	Hairline qtz. vein at 30°, MoS_2							
91.1	1/2" qtz. vein at 40°, some py. crystals							
92.1	Irreg. hairline qtz. vein at 20°, MoS_2							
94.5-94.6	3 x 1/4" qtz. veins irreg. at 25°, some MoS_2							
94.7	1/8" qtz. vein at 35°, trace MoS_2							
96.7	Hairline fract. at 15°, some MoS_2							
97-107	90% core recovery. Numerous fract. /ft. at approx. 20 - 40°							
99	Hairline fract. at 40°, some MoS_2							
103.6	1/4" qtz. vein at 5° with pockets of MoS_2 crystals along one contact							
104.5	1/4" qtz. vein at 25°, barren							
104.4-104.6	Small pockets of MoS_2 diss. in qtz. monz.							
106.1	1/8" qtz. vein at 25°, MoS_2							
106.8-107	Several irreg. qtz. veins and fract., barren							
106.9	Hairline qtz. vein at 25°, trace MoS_2							
107-126	80% core recovery, numerous fract./ft. at approx. 30°							
112.5	Pocket of massive py. 1/8" x 1/4"							
112.5-113	MoS_2 in small amounts along fract.							
113	Irreg. fract. at approx. 30° with MoS_2							
113-113.5	Pockets of MoS_2, py. and mica in amongst irreg. numerous fract.							

V12A

FOOTAGE	DESCRIPTION	SAMPLE	FOOTAGE	C.L.				
113.7	Hairline fract. at 70°, trace MoS_2							
113.8	Hairline qtz. vein at 10°, trace MoS_2							
114.7	Irreg. hairline qtz. vein sub-parallel to core with trace MoS_2							
114.8	1/8" qtz. vein at 25°, trace MoS_2							
114.8-115.3	Several numerous irreg. fract. with trace MoS_2							
115.5-115.9	Qtz. monz. turned to soft clay							
115.9	1/2" qtz. vein at 30°, pockets MoS_2 and py. along contacts							
116.8	Irreg. faulted 1/2" qtz. vein at 25°, trace MoS_2 and several hairline fract. with trace MoS_2							
119.7	3/4" qtz. vein at 35°, 5% MoS_2							
124.9	Two intersecting 1/8" qtz. veins at 25 and 35°, barren							
125	Hairline irreg. qtz. vein at 20°, MoS_2							
125.6	1/8" qtz. vein at 10°, MoS_2							
125.7	1" qtz. vein at 20°, pockets of py. and WO_3							
125.8-126	Small pockets MoS_2 diss. in qtz. monz.							
126-136	Core recovery approx. 95% numerous fract. /ft. at approx. 30°							
131.9	2 1/8" qtz. veins at 30°, barren							
132.5	Hairline qtz. vein at 35°, some MoS_2							
136-150	Core recovery approx. 100% and approx. 12 fract. /ft. at 30°							
139.4	Hairline fract. at 30°, MoS_2							
142.9	1/8" qtz. vein at 40°, barren							
143.1	Irreg. hairline qtz. vein at 25°, MoS_2							

V12 A

FOOTAGE	DESCRIPTION	SAMPLE	FOOTAGE	C.L.				
144.5	1/8" qtz. vein at 10°, sub-parallel. Some MoS_2, trace py.							
145.9	Hairline qtz. vein at 25°, trace MoS_2							
148.6	Hairline qtz. vein at 30°, trace MoS_2							
149.1	Hairline qtz. vein at 20°, trace MoS_2							
150-160	Approx. 100% core recovery and approx. 10 fract. /ft. between 10 - 40°	be-						
152.2	1/4" qtz. vein at 20°, barren							
153	1/4" - 1/2" qtz. vein sub-parallel to core, some py. crystals along contact.							
153.7	Hairline fract. at 50°, intersecting above qtz. vein and containing trace MoS_2							
154.1	3/4" - 1" qtz. vein at 20°, barren							
154.8	Qtz. vein of indeterminate width sub-parallel to core, barren							
156	1/4" qtz. vein at 30°, barren							
156.2	1/8" to unknown width 10° to sub-parallel to core qtz. vein, barren							
156.8-157	Fine grained qtz. monz. with diss. py.							
157-157.3	Qtz. vein at 55°, with massive py. and some MoS_2							
158.7	1/2" qtz. vein at 30°, barren							
162	Slip at 40°, containing green gougy mineral							
165.3	2 x 1/8" qtz. veins at 35°, trace MoS_2							
165.9	Hairline qtz. vein at 30°, trace MoS_2							
167.5	Hairline qtz. vein at 20°, trace MoS_2							
167.7	Hairline qtz. vein at 45°, trace MoS_2							
168.1	Hairline qtz. vein at 30°, trace MoS_2							

V12 A

FOOTAGE	DESCRIPTION	SAMPLE	FOOTAGE	C.L.				
168.8	1/8" qtz. vein at 35°, trace MoS_2							
169.2	1/8" qtz. vein at 30°, trace MoS_2							
175.9	1/8" qtz. vein at 35°, barren							
176.5-176.7	Several 1/8" qtz. vein at approx. 30°, barren							
177	Approx. 100% core recovery and numerous fract. /ft. at sub-parallel to core to 40°							
180.3	3" qtz. vein at 50°, py. crystals and trace MoS_2							
181	1/2" qtz. vein at 50°, py. crystals and trace MoS_2							
182.6	1/8" qtz. vein sub-parallel to core, barren							
183-191	Qtz. porphyry							
183.3	Hairline qtz. vein at 35°, barren							
184.4	1/4" qtz. vein at 55°, barren							
185-198	Approx. 100% core recovery. Numerous fract. /ft. at approx.		30 - 40°					
186.2	Hairline qtz. vein sub-parallel to core trace MoS_2							
186.6	1/8" qtz. vein at 10°, trace MoS_2							
186.7	1/4" qtz. vein at 20°, barren							
188.4	1/8" qtz. vein at 10°, trace MoS_2							
188.9	1/8" qtz. vein at 10°, trace MoS_2							
189.1-189.3	Several irreg. 1/8" qtz. veins with trace MoS_2							
189.7	Pockets of diss. py.							
189.9	3/4" qtz. vein at 50°, trace py. along contacts							
190.1	1/4" qtz. vein at 45°, mica along contacts and trace py. and MoS_2							
190.6	1/8" qtz. vein with mica, trace MoS_2 and py. along contacts							
190.8	1/8" qtz. vein at 40°, trace MoS_2							

V12A

FOOTAGE	DESCRIPTION	SAMPLE	FOOTAGE	C.L.				
191-195	Equigranular qtz. monz.							
193	Hairline to 1/8" qtz. vein at 25°, barren							
195-199	Fine grained qtz. monz.							
197	1/8" qtz . vein at approx. 30°, faulted, barren							
197.1	1/4 - 1/2" qtz. vein irreg. and sub-parallel to core, barren							
199-199.8	Equigranular qtz. monz.							
199.6	1/8" qtz. vein at 40°, barren							
199.8-200.7	Fine grained qtz. monz.							
200.7-496	Equigranular qtz. monz.							
201.4	Irreg. 1/4" qtz. vein at 20°, barren							
202	1/8" qtz. vein at 20°, barren							
207-216	Approx. 100% core recovery, numerous fract. /ft. between 30 - 40°							
211	1/8" qtz. vein at 30°, trace MoS_2							
213.5-214	Fine grained qtz. monz.							
214-226	Approx. 100% core recovery, numerous fract. /ft. at approx. 30°							
217.6	Hairline qtz. vein at 30°, barren							
222.9	Hairline qtz. vein at 30°, trace MoS_2							
226-246	Approx. 100% core recovery, numerous fract. /ft. at 30° - 45°							
228	Hairline fract. at 25°, MoS_2							
228.1	Hairline fract. at 25°, MoS_2							
228.2	Hairline fract. at 25°, MoS_2							
332.8	Hairline qtz. vein at 45°, trace py. and WO_3							
333.5	Hairline qtz. vein at 40°, trace py.							

FOOTAGE	DESCRIPTION	SAMPLE	FOOTAGE	C.L.				
233.6	Hairline qtz. vein at 30°, trace py.							
237.6	Hairline qtz. vein at 45°, trace MoS_2							
237.8	Hairline qtz. vein at 40°, trace MoS_2							
239.1	Irreg. hairline to 1/4" qtz. vein at 35°, some py.							
241.6	Irreg. hairline to 1/4" qtz. vein at 40°, barren							
242.9	2 Irreg. hairline qtz. veins at 50°, trace MoS_2							
244.2	Hairline qtz. vein at 35°, trace MoS_2							
251.1	Hairline qtz. vein at 30°, barren							
254.2	Hairline qtz. vein at 40°, trace MoS_2							
256.1	Hairline qtz. vein at 40°, trace MoS_2							
257.1	2 hairline qtz. veins at 30 and 40°, trace MoS_2							
257.2	Hairline qtz. vein at 40°, trace MoS_2							
258.7	Hairline qtz. vein at 50°, trace MoS_2							
264.4	Hairline qtz. vein at 40°, trace py. and MoS_2							
275.2	1/8" qtz. vein at 35°, trace py. and MoS_2							
277.6	1/2" qtz.vein at 35°, barren							
277.7	1/4" qtz/ vein at 35°, barren							
278.5	Hairline qtz. vein at 30°, trace py. and MoS_2							
279-285	Very fine grained trace of py. and MoS_2 diss. in equigranular qtz. monz.							
279-300	Approx. 100% core recovery and approx. 15 fract. /ft.							
280.2	Hairline qtz. vein at 30°, trace py. and MoS_2							
281.1	Hairline qtz. vein at 30°, trace py. and MoS_2							
282.4	Hairline qtz. vein at 30°, trace py. and MoS_2							
283.2	Hairline qtz. vein at 30°, some MoS_2, trace py.							
283.3	1/8" qtz. vein at 30°, trace MoS_2							
285.8	Hairline fract. at 30°, trace MoS_2							

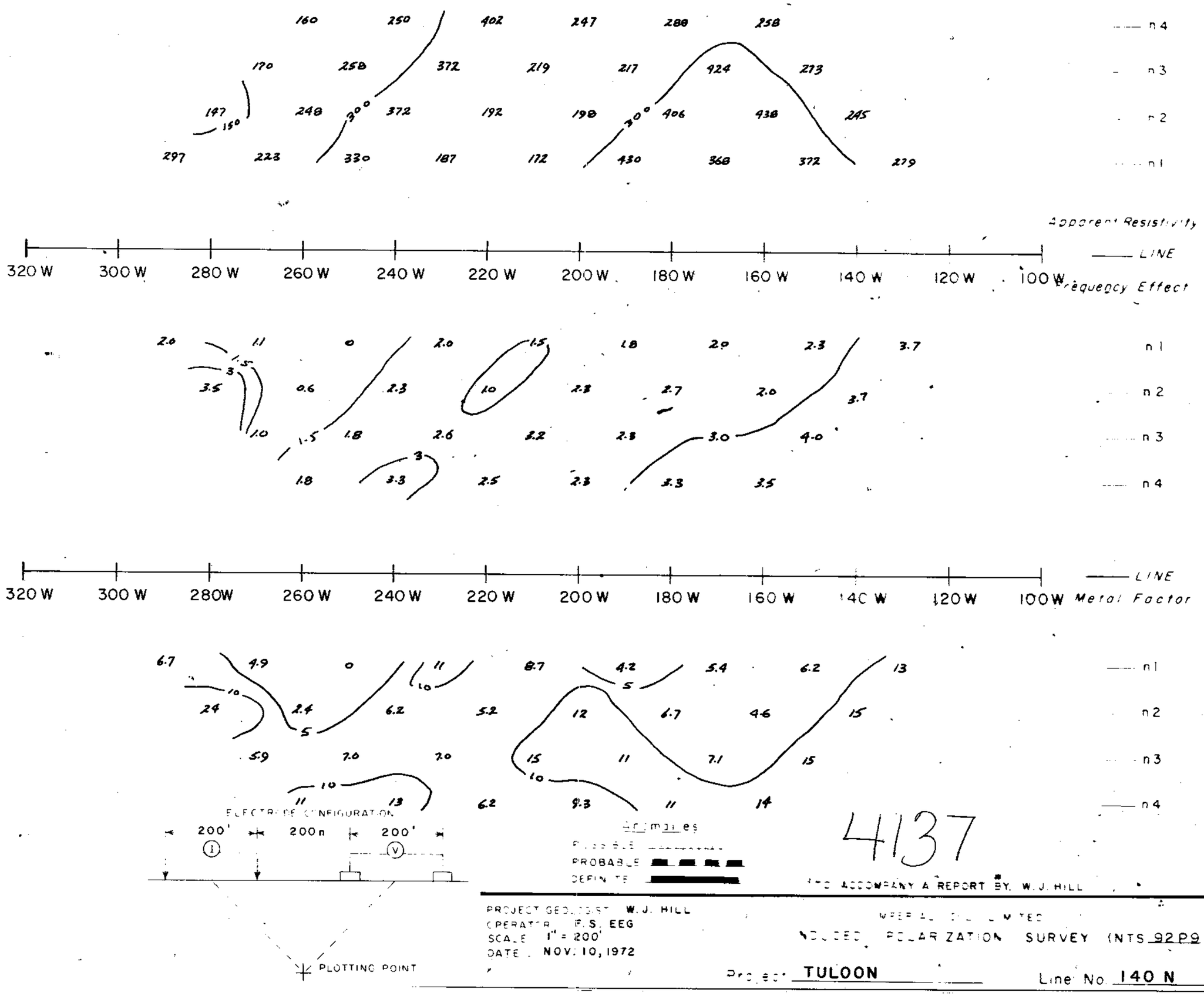
FOOTAGE	DESCRIPTION	SAMPLE	FOOTAGE	C.L.				
285.9	Hairline fract. at 30°, trace MoS_2							
287.1	1/8" qtz. vein at 30°, barren							
290.7	Hairline qtz. vein at 30°, MoS_2							
291.2	Hairline qtz. vein at 20°, MoS_2, trace py.							
294	1/8" qtz. vein at 30°, MoS_2							
294.4	Irreg. 1/8" qtz. vein at approx. 15°, MoS_2							
294.6	Irreg. hairline qtz. vein at approx. 25°, MoS_2, trace py.							
296.7	Irreg. 1/4" qtz. vein at approx. 20°, MoS_2							
297.6	Hairline qtz. vein at 35°, barren							
297.8	Hairline qtz. vein at 50°, trace MoS_2							
298.5	1 /8" qtz. vein at 45°, barren							
299.1	1 1/2" vuggy qtz. vein at 50°, with pockets MoS_2							
299.6	Hairline qtz. vein at 35°, MoS_2							
299.8	Hairline qtz. vein at 35°, MoS_2							
301.2	Hairline qtz. vein at 30°, MoS_2							
301.6	Hairline qtz. vein at 30°, MoS_2							
302.5	Hairline qtz. vein at 35°, barren							
302.6-302.7	Fine grained qtz. monz.							
302.9	1/8" qtz. vein at 30°, MoS_2							
303.7	Hairline qtz. vein at 30°, MoS_2							
303.9	Hairline qtz. vein at 45°, trace MoS_2							
305.4	Hairline fract. at 30°, MoS_2							
306.4	Fract. at 30°, MoS_2							
300-346	Approx. 100% core recovery and numerous fract. /ft. at 30°							
306.8-307	Fine grained qtz. monz.							
307.7	Hairline qtz. vein at 35°, MoS_2							
307.9	Hairline qtz. vein at 35°, MoS_2							

FOOTAGE	DESCRIPTION	SAMPLE	FOOTAGE	C.L.				
308	Several hairline qtz. vein at 35°, trace MoS_2							
308.4	Hairline qtz. vein at 30°, MoS_2							
312.7	Hairline qtz. vein at 30°, MoS_2							
315.8	Hairline qtz. vein at 30°, MoS_2							
316	Hairline qtz. vein at 30°, trace MoS_2							
317.5	Hairline qtz. vein from 40° to sub-parallel to core, trace MoS_2							
320.7	Hairline qtz. vein at 35°, barren							
324.6	Hairline qtz. vein at approx. 10°, trace MoS_2							
325.6	Fract. at 35°, MoS_2, trace py.							
326.1	Fract. at 35°, trace MoS_2, and py.							
326.6	Irreg. fract. at approx. 90°, trace MoS_2							
329-329.6	Fine grained qtz. monz.							
330	Irreg. 1/8" qtz. vein at 25°, MoS_2							
331.9	1/3" qtz. vein at 35°, MoS_2, trace py.							
332.2	Hairline qtz. vein sub-parallel to core, MoS_2							
332.7	1/8" qtz. vein at 35°, MoS_2							
333.3	1/4" qtz. vein at 40°, trace MoS_2							
334.5	Hairline qtz. vein at 35°, trace py. and MoS_2							
335.9	1/8" qtz. vein at 30°, trace MoS_2							
337.5	Hairline qtz. vein at 25°, trace MoS_2							
338.3	Irreg. hairline qtz. vein at approx. 20°, trace MoS_2							
339.5	Hairline qtz. vein at 30°, trace py. and MoS_2							
345.5	1/8" qtz. vein at 40°, barren							
346-356	Approx. 100% core recovery and approx. 15 fract. /ft. at 30°							

FOOTAGE	DESCRIPTION	SAMPLE	FOOTAGE	C.L.				
350.8	Hairline qtz. vein at 40°, sub-parallel to core, trace MoS_2							
356-375	Approx. 100% core recovery and numerous fract. /ft, at approx. 15 - 30°							
357.7	Irreg. hairline qtz. vein at 25°, trace MoS_2							
360.2	1/8" qtz. vein at 25°, MoS_2							
362.8	1/8" qtz. vein at 40°, trace MoS_2 and py.							
363	1/8" qtz. vein at 40°, trace MoS_2 and py.							
366.3	Hairline qtz. vein at 30°, trace MoS_2							
367.3	1/8" qtz. vein at 35°, trace MoS_2							
369.5	Hairline qtz. vein at 20°, trace MoS_2							
371.2	Slip at 30°, black gougy mineral							
377.9	1/2" qtz. vein at 35°, trace MoS_2							
375-405	Approx. 100% core recovery, numerous fract. /ft. at 20 - 40°							
383	3/4" qtz. vein at 35°, trace MoS_2 along contacts							
383.9	Hairline qtz. vein at 40°, barren							
386.5	Irreg. hairline 20°, sub-parallel to core, qtz. vein and trace MoS_2							
395	Hairline qtz. vein at 40°, trace MoS_2							
395.8	Hairline qtz. vein at 35°, trace MoS_2							
396.2	Hairline qtz. vein at 35°, trace MoS_2							
397.6	1/8" qtz. vein at 40°, barren							
404.6	1/2" qtz. vein at 30°, trace MoS_2							
406.5	Hairline qtz. vein at 35°, trace MoS_2							
408.3	1/4" qtz. vein at 40°, trace MoS_2							

FOOTAGE	DESCRIPTION	SAMPLE	FOOTAGE	C.L.				
408.5	1/8" qtz. vein at 30°, barren							
405-447	Approx. 100% core recovery and numerous fract. /ft.							
409.6	Hairline fract. at 25°, MoS_2							
412	1/8" qtz. vein at 30°, MoS_2 trace							
412.2	Fract. at 35°, trace MoS_2							
416.1	1/8" qtz. vein at 35°, barren							
417.1	Hairline qtz. vein at 35°, trace py.							
417.2-417.6	Fine grained qtz. monz.							
417.7	Hairline qtz. vein at 35°, trace py. and MoS_2							
418.5	Hairline qtz. vein at 35°, trace py. and MoS_2							
418.8	Irreg. 1/4" qtz. vein at approx. 30°, MoS_2							
420-420.7	Fine grained qtz. monz. with black staining from 420.3-420.5							
421.6-422.1	Fine grained qtz. monz.							
423.5	Fract. at 50°, some py. crystals.							
423.7	Hairline qtz. vein at 45°, barren							
426.7	1/8" qtz. vein at 30°, trace MoS_2							
427.2	1/8" qtz. vein at 30°, trace MoS_2							
431.5	1/8" qtz. vein at 35°, trace py.							
433-435	Fine grained qtz. monz.							
436.9	Hairline qtz. vein at 45°, MoS_2							
438.4-438.5	Fine grained qtz. monz.							
438.5	Hairline qtz. vein at 45°, barren							
434-447	Core highly fract. at approx. 25- 40°							
445.5	1/8" qtz.vein at 35° to sub-parallel to core, MoS_2							
448.9	1/8" qtz. vein at 55°, barren							

FOOTAGE	DESCRIPTION	SAMPLE	FOOTAGE	C.L.				
449.5	1/8" qtz. vein at 40°, barren							
450	1/4" qtz. vein at approx. 25°, barren							
450.9	1/8" qtz. vein at 20°, barren							
453.4	Hairline qtz. vein at 40°, trace MoS_2							
453.5	Hairline qtz. vein at 40°, trace MoS_2							
456.3-456.5	Fine grained qtz. monz.							
458.2-458.8	Fine grained qtz. monz.							
459.8	1/8" qtz. vein at 50°, barren							
447-466	Approx. 95% core recovery, numerous fract. /ft.							
460-462.2	Fine grained qtz. monz.							
463-464	Fault zone, several fract. with mica							
466-482	Approx. 65% core recovery, core very fract. and broken							
466.6-480.5	Equigranular qtz. monz.							
479.4	1/8" - 1/4" irreg. qtz. vein at 35°, MoS_2 and trace py							
482-495	Core extremely fract. and broken. Core recovery approx. 60% with some mica along fractures.							
496	End.							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n 3
n 2
n 1
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150
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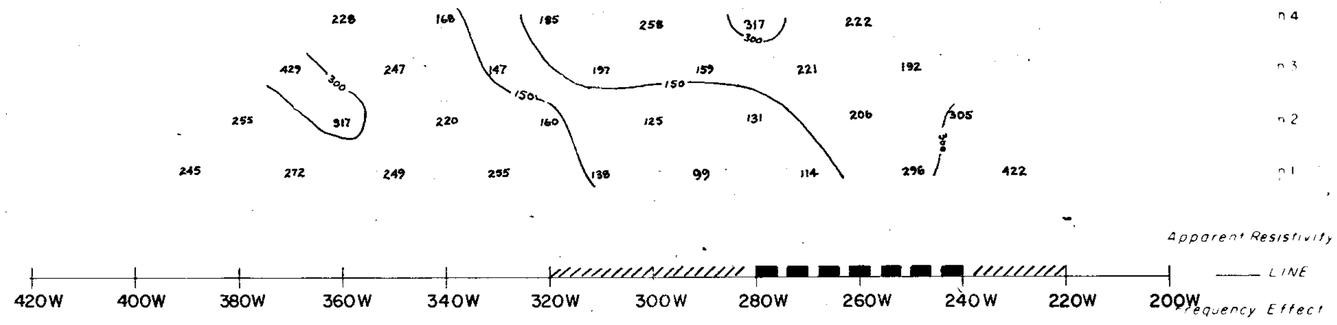
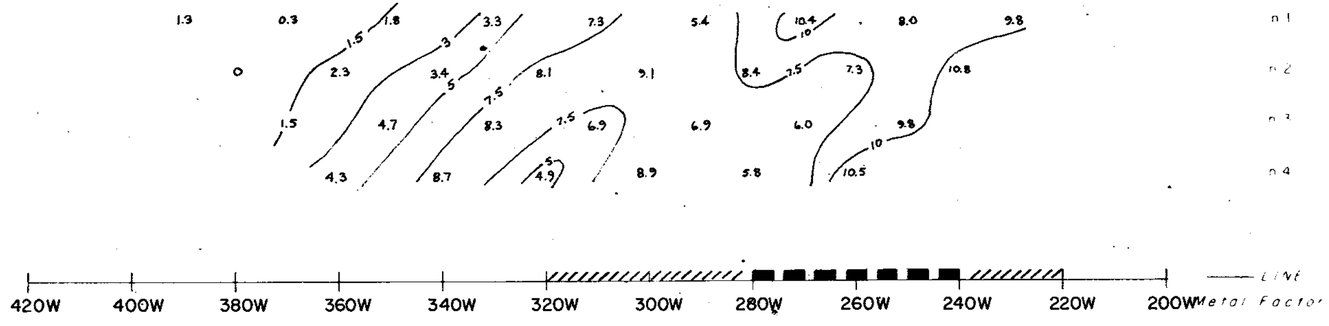
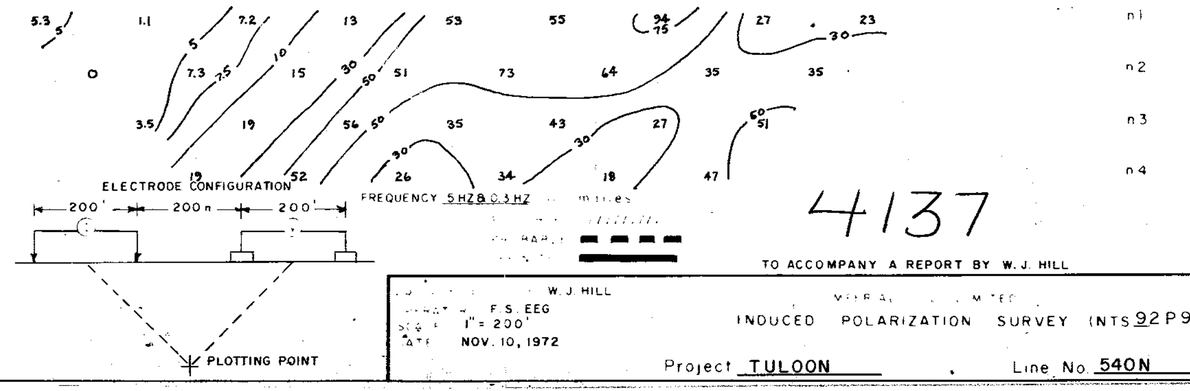
LINE
320 W 300 W 280 W 260 W 240 W 220 W 200 W 180 W 160 W 140 W 120 W 100 W
Frequency Effect
n 1
n 2
n 3
n 4
2.0 1.1 0 2.0 1.5 1.8 2.9 2.3 3.7
1.5
3
3.5 0.6 2.3 1.0 2.8 2.7 2.0 3.7
1.0 1.5 1.8 2.6 3.2 2.8 3.0 4.0
3
1.8 3.3 2.5 2.3 3.3 3.5
LINE
320 W 300 W 280W 260 W 240 W 220 W 200 W 180 W 160 W 140 W 120W 100W
Metal Factor
n 1
n 2
n 3
n 4
6.7 4.9 0 11 8.7 4.2 5.4 6.2 13
10 10 5
2.4 2.4 6.2 5.2 12 6.7 4.6 15
5 5.9 7.0 7.0 15 11 7.1 15
10 10
11 13 6.2 9.3 11 14
ELECTRODE CONFIGURATION
200' 200n 200'
I V
PLOTTING POINT
miles
PROBABLE
DEFINITE
4137
TO ACCOMPANY A REPORT BY W. J. HILL
PROJECT GEOLOGIST W. J. HILL
OPERATOR F.S. EEG
SCALE 1" = 200'
DATE NOV. 10, 1972
INDUCED POLARIZATION SURVEY (NTS 92P9)
Project TULOON
Line No. 140 N







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W. J. HILL

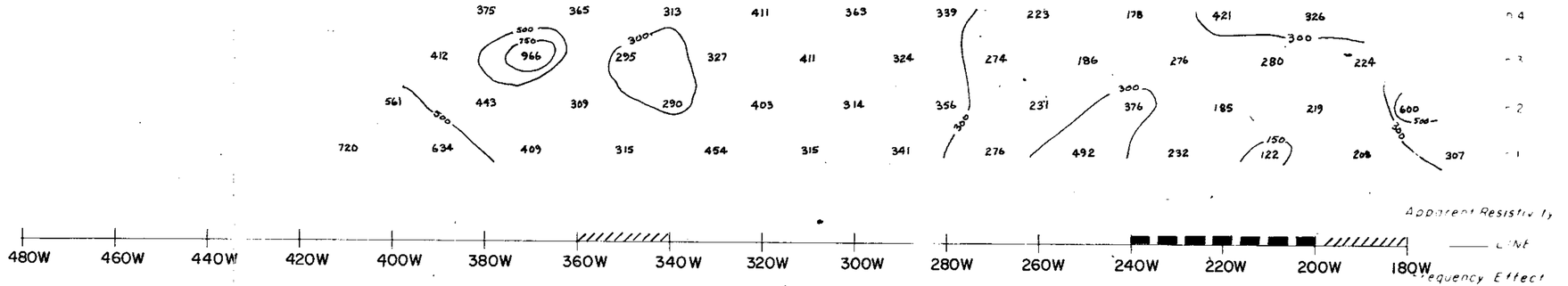
F. S. EEG

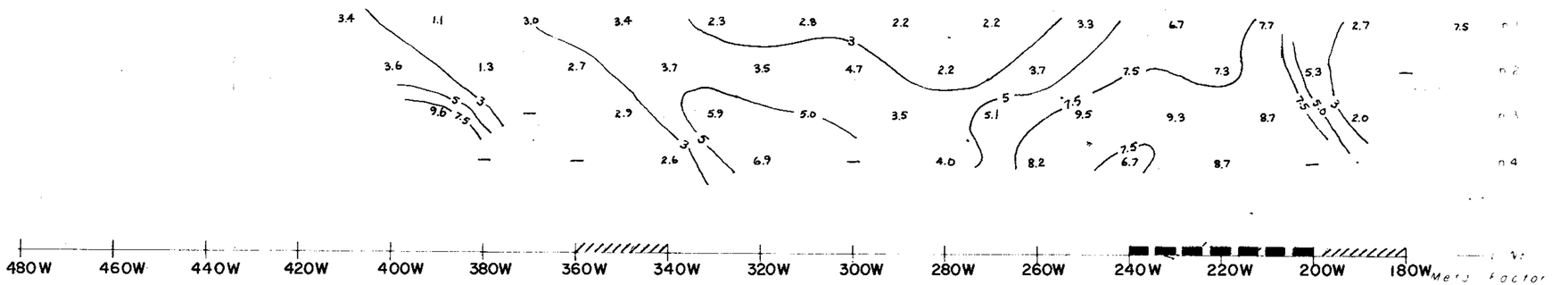
1" = 200'

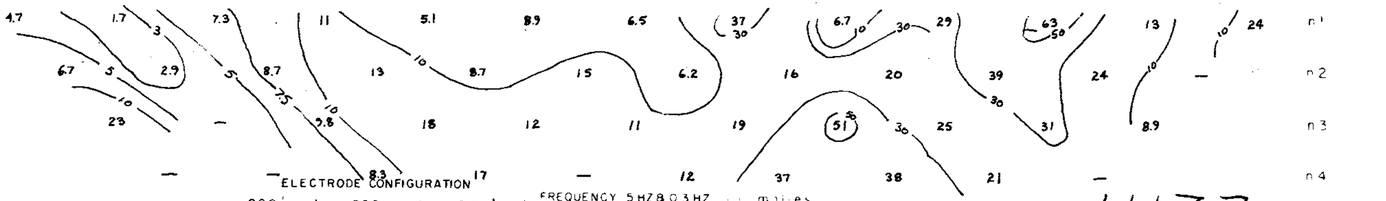
NOV. 10, 1972

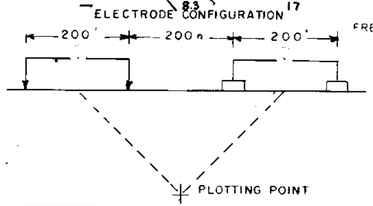
INDUCED POLARIZATION SURVEY (NTS 92 P 9)

Project TULOON Line No. 540N









FREQUENCY 5 HZ & 0.3 HZ

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W.J. HILL
E.S. EEG
1" = 200'
NOV. 10, 1972

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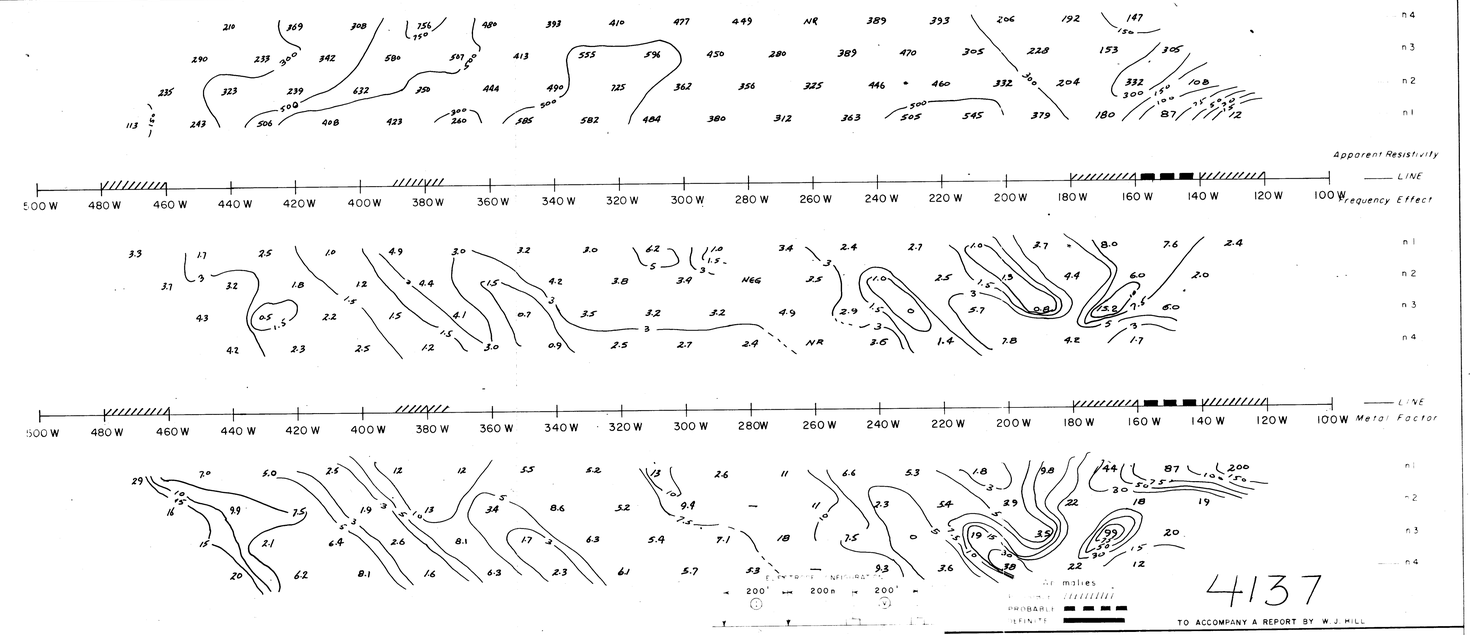
Project TULOON

Line No 500N



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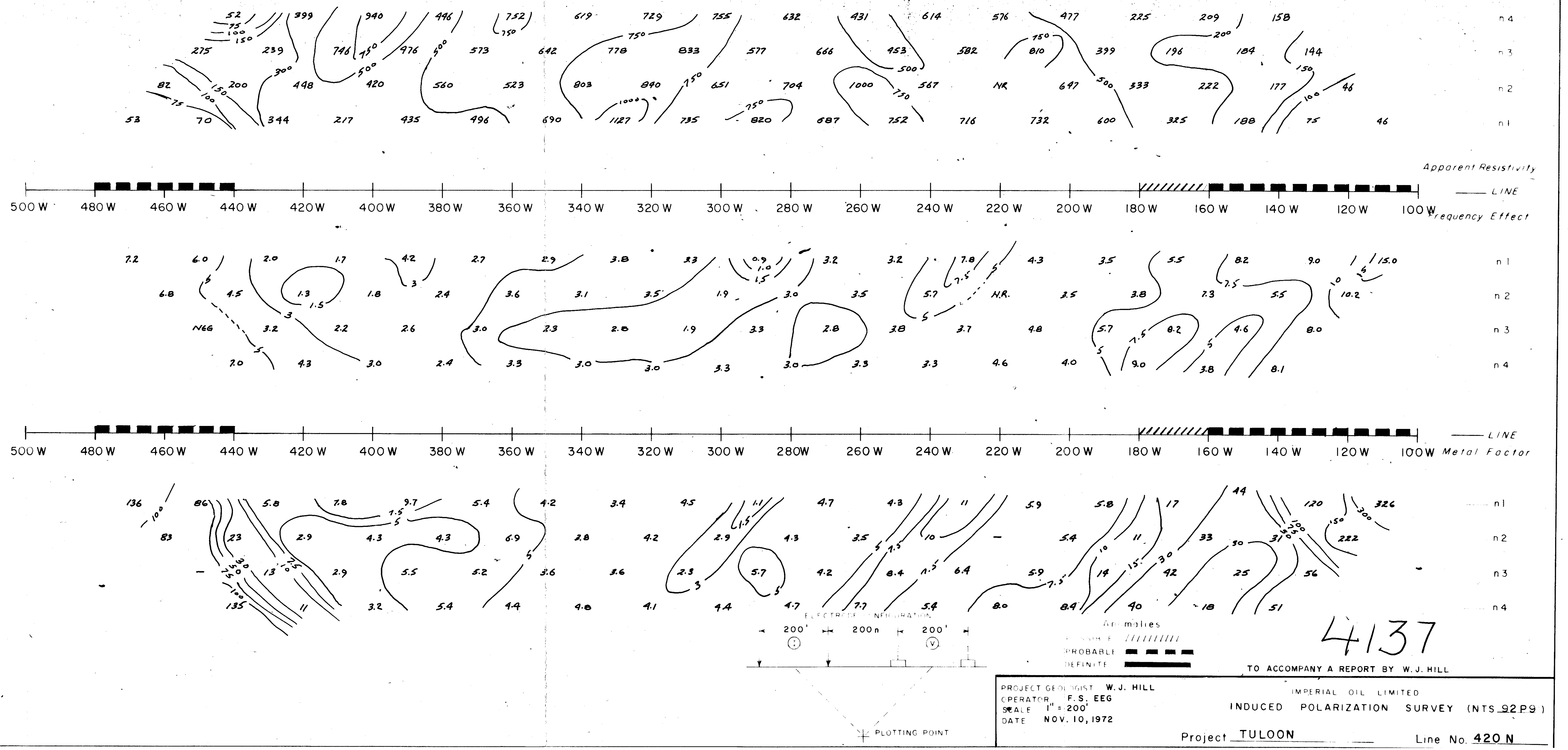
PROJECT SUPERVISOR W. J. HILL
OPERATOR F.S. EEG
SCALE 1" = 200'
DATE NOV. 10, 1972

IMPERIAL OIL LIMITED
INDUCED POLARIZATION SURVEY N.T.S. 52P/8

Project TULOON Line No 460 N



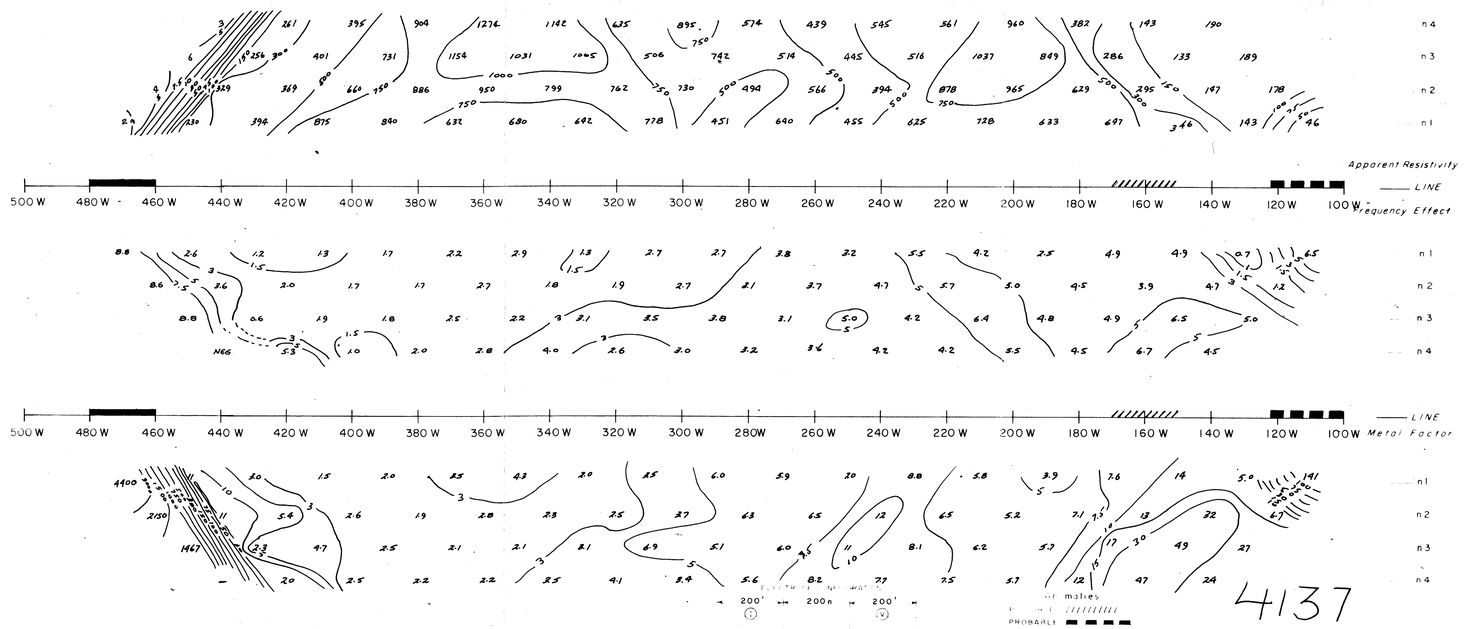
4137

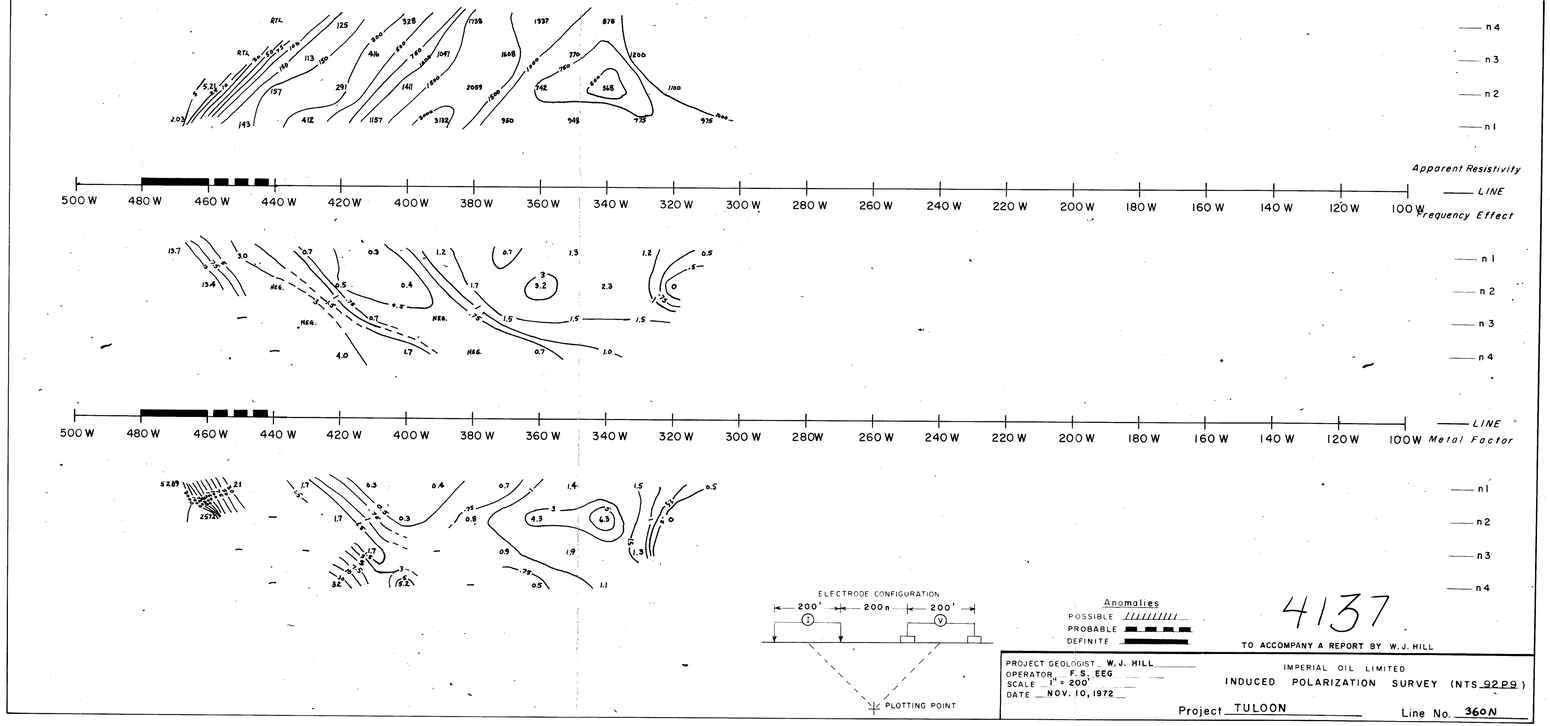
TO ACCOMPANY A REPORT BY W. J. HILL

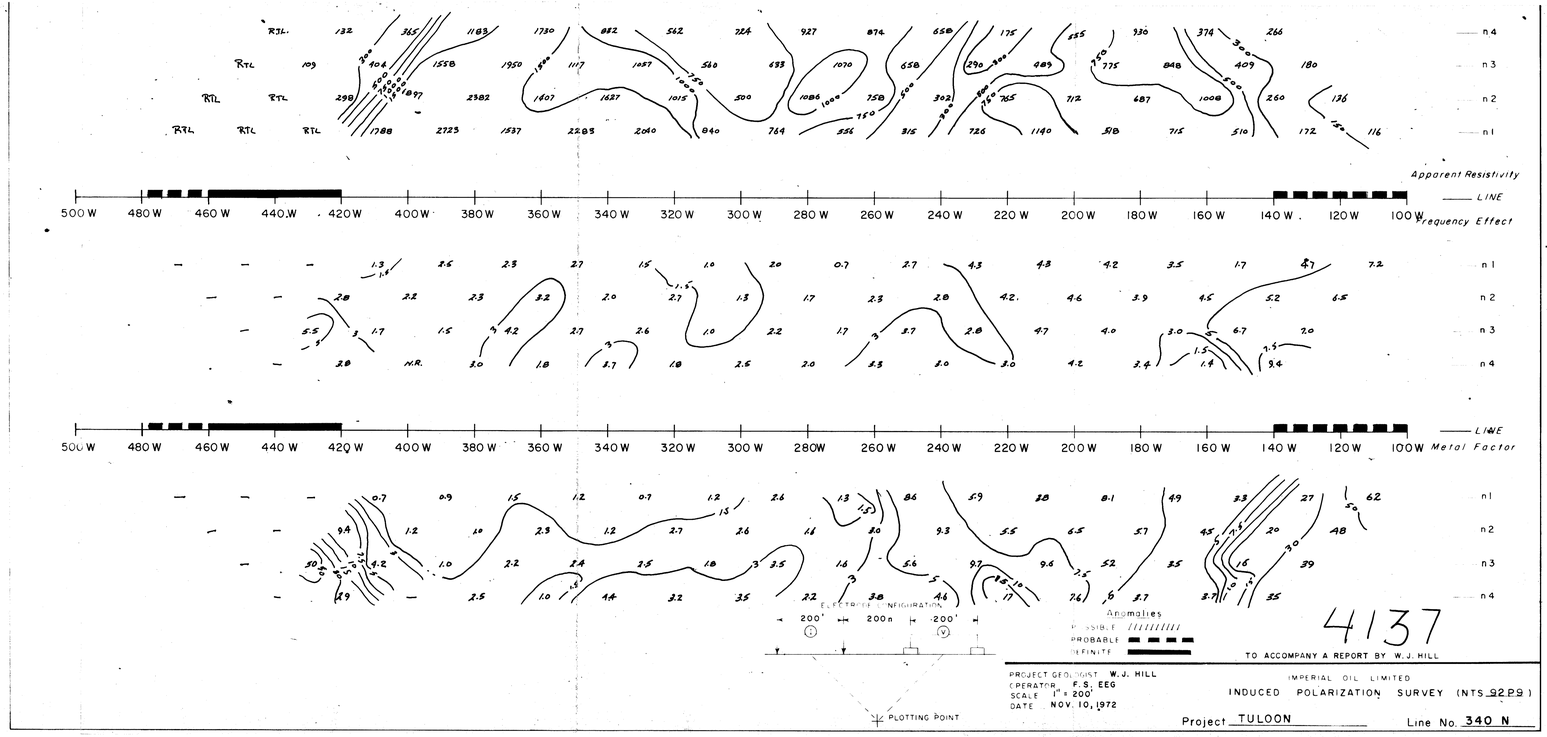
PROJECT GEOLOGIST W. J. HILL
OPERATOR F. S. EEG
SCALE 1" = 200'
DATE NOV. 10, 1972

IMPERIAL OIL LIMITED
INDUCED POLARIZATION SURVEY (NTS 92P9)

Project TULOON Line No. 420 N


n 4
n 3
n 2
n 1
Apparent Resistivity
LINE
500 W 480 W 460 W 440 W 420 W 400 W 380 W 360 W 340 W 320 W 300 W 280 W 260 W 240 W 220 W 200 W 180 W 160 W 140 W 120 W 100 W
Frequency Effect
n 1
n 2
n 3
n 4
LINE
500 W 480 W 460 W 440 W 420 W 400 W 380 W 360 W 340 W 320 W 300 W 280W 260 W 240 W 220 W 200 W 180 W 160 W 140 W 120 W 100 W
Metal Factor
n 1
n 2
n 3
n 4
200'
200'
miles
PROBABLE
DEFINITE
4137
TO ACCOMPANY A REPORT BY W.J. HILL
W.J. HILL
F.S. EEG
1"= 200'
NOV. 10, 1972
IMPERIAL OIL LIMITED
INDUCED POLARIZATION SURVEY (NTS 92P9)
Project TULOON
Line No. 380N


n 4
n 3
n 2
n 1
Apparent Resistivity
LINE
500 W 480 W 460 W 440 W 420 W 400 W 380 W 360 W 340 W 320 W 300 W 280 W 260 W 240 W 220 W 200 W 180 W 160 W 140 W 120 W 100 W
Frequency Effect
n 1
n 2
n 3
n 4
LINE
500 W 480 W 460 W 440 W 420 W 400 W 380 W 360 W 340 W 320 W 300 W 280W 260 W 240 W 220 W 200 W 180 W 160 W 140 W 120 W 100 W
Metal Factor
n 1
n 2
n 3
n 4
ELECTRODE CONFIGURATION
200'
200 n
200'
PLOTTING POINT
Anomalies
POSSIBLE
PROBABLE
DEFINITE
4137
TO ACCOMPANY A REPORT BY W.J. HILL
PROJECT GEOLOGIST W.J. HILL
OPERATOR F.S. EEG
SCALE 1" = 200'
DATE NOV. 10, 1972
IMPERIAL OIL LIMITED
INDUCED POLARIZATION SURVEY (NTS 92P9)
Project TULOON
Line No. 360N



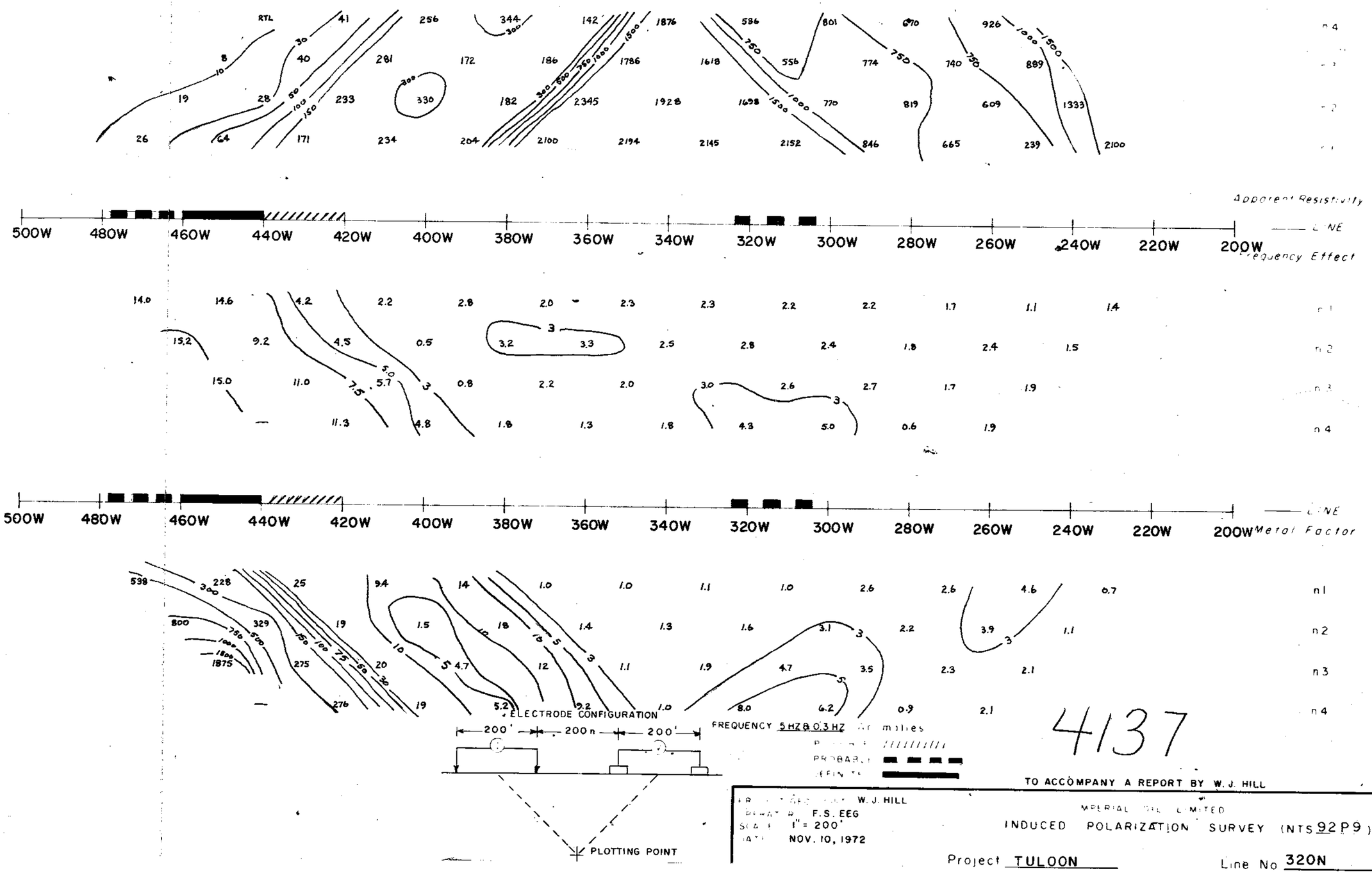
4137

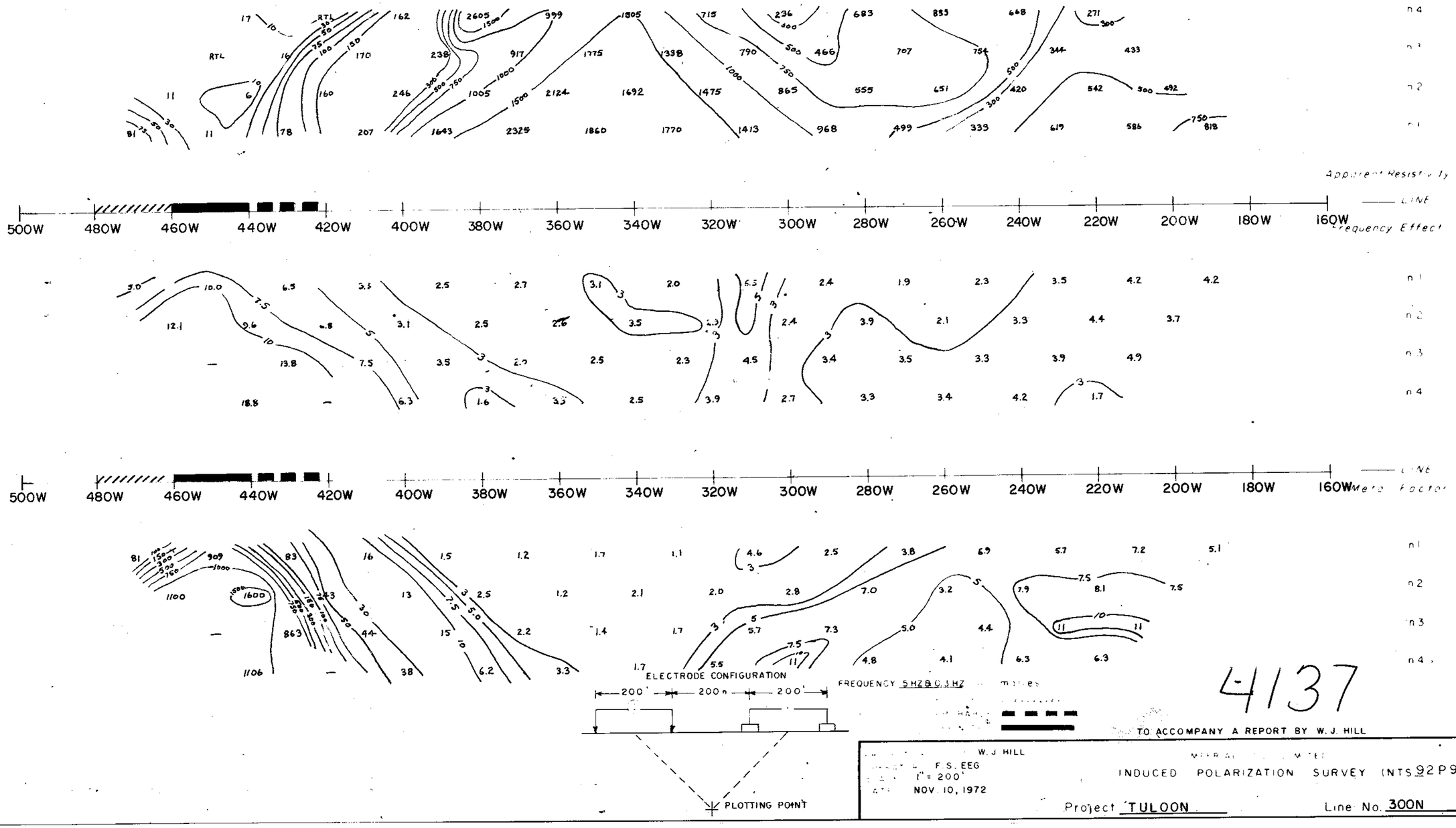
TO ACCOMPANY A REPORT BY W.J. HILL

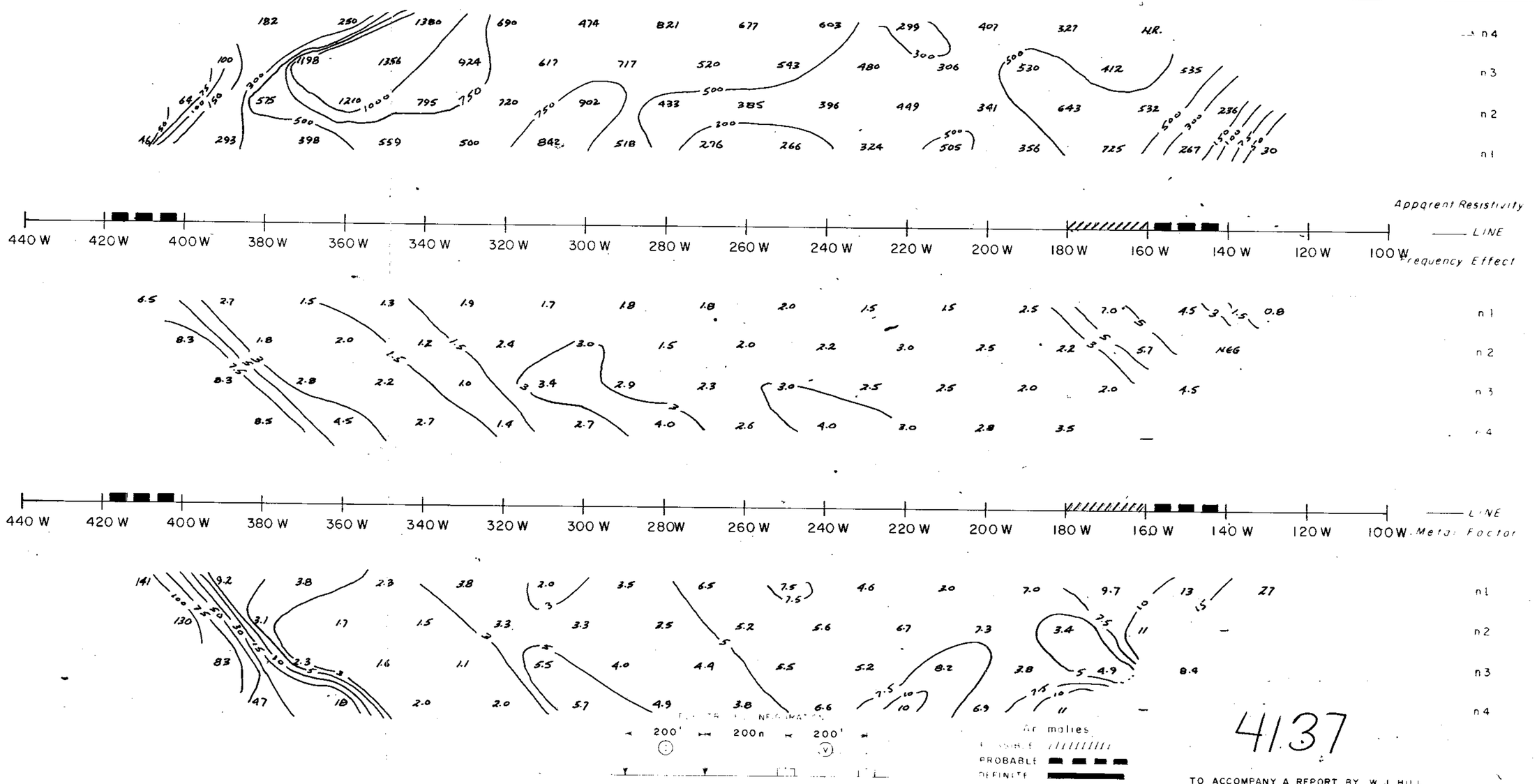
PROJECT GEOLOGIST W.J. HILL
OPERATOR F.S. EEG
SCALE 1" = 200'
DATE NOV. 10, 1972

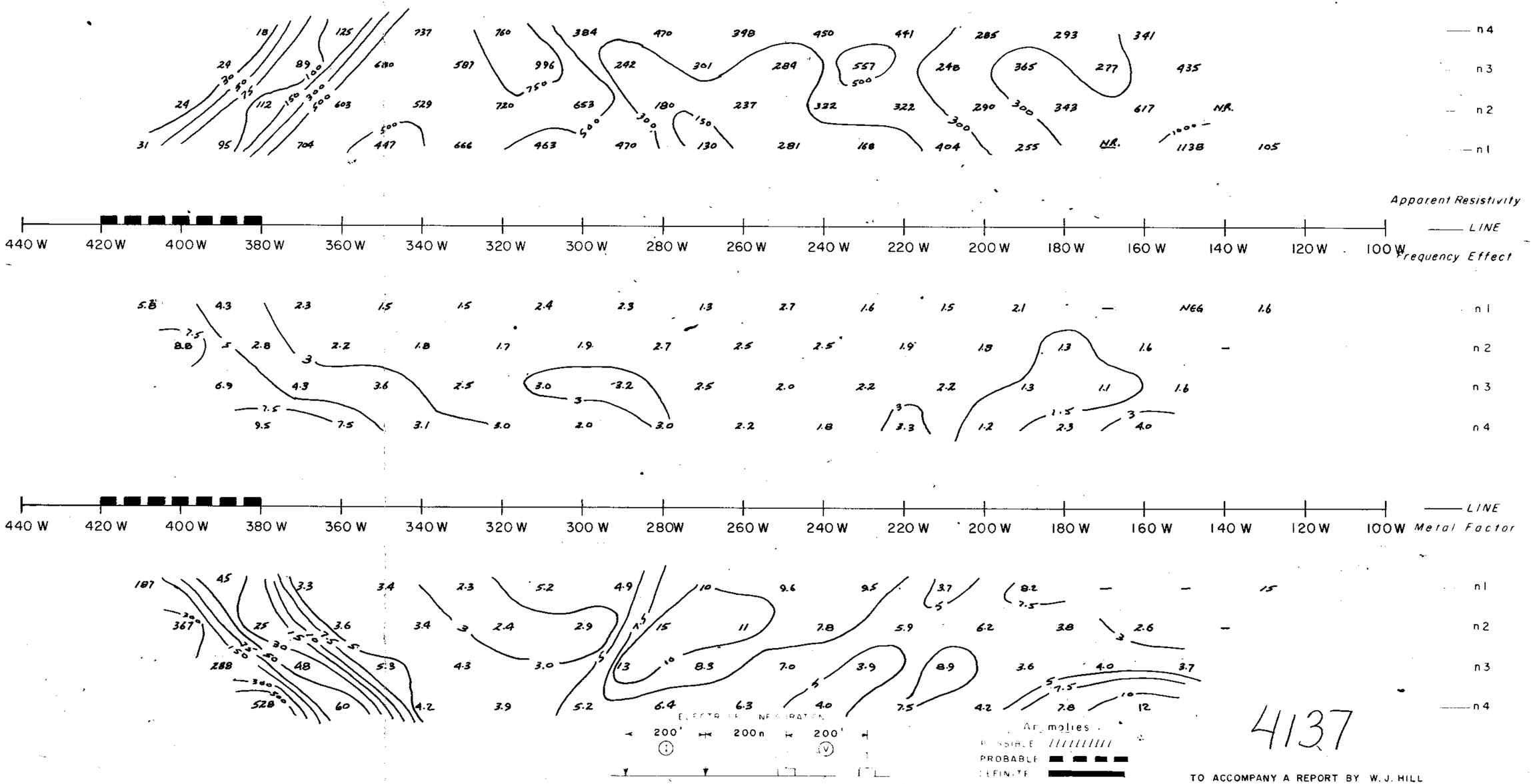
IMPERIAL OIL LIMITED
INDUCED POLARIZATION SURVEY (NTS 92P9)

Project TULOON Line No. 340 N


RTL
Apparent Resistivity
LINE
500W 480W 460W 440W 420W 400W 380W 360W 340W 320W 300W 280W 260W 240W 220W 200W
Frequency Effect
n1
n2
n3
n4
LINE
Metal Factor
ELECTRODE CONFIGURATION
200' 200' 200'
PLOTTING POINT
FREQUENCY 5 HZ & 0.3 HZ
PROBABLE
DEFINITE
4137
TO ACCOMPANY A REPORT BY W. J. HILL
W. J. HILL
F.S. EEG
SCALE 1" = 200'
NOV. 10, 1972
IMPERIAL OIL LIMITED
INDUCED POLARIZATION SURVEY (NTS 92P9)
Project TULOON
Line No 320N


Apparent Resistivity
LINE
500W 480W 460W 440W 420W 400W 380W 360W 340W 320W 300W 280W 260W 240W 220W 200W 180W 160W
Frequency Effect
n1
n2
n3
n4
LINE
500W 480W 460W 440W 420W 400W 380W 360W 340W 320W 300W 280W 260W 240W 220W 200W 180W 160W
Metal Factor
ELECTRODE CONFIGURATION
200' 200' 200'
PLOTTING POINT
FREQUENCY 5 HZ & 0.3 HZ
4137
TO ACCOMPANY A REPORT BY W.J. HILL
W.J. HILL
F.S. EEG
1" = 200'
NOV. 10, 1972
INDUCED POLARIZATION SURVEY (NTS 92P9)
Project TULOON
Line No. 300N


n4
n3
n2
n1
Apparent Resistivity
LINE
Frequency Effect
440 W 420 W 400 W 380 W 360 W 340 W 320 W 300 W 280 W 260 W 240 W 220 W 200 W 180 W 160 W 140 W 120 W 100 W
n1
n2
n3
n4
LINE
Metal Factor
440 W 420 W 400 W 380 W 360 W 340 W 320 W 300 W 280W 260 W 240 W 220 W 200 W 180 W 160 W 140 W 120 W 100 W
n1
n2
n3
n4
200' 200m 200'
or miles
PROBABLE
DEFINITE
4137
TO ACCOMPANY A REPORT BY W. J. HILL
PLOTTING POINT
PROJECT GEOLOGIST W. J. HILL
OPERATOR F. S. EEG
SCALE 1" = 200'
DATE NOV. 10, 1972
IMPERIAL OIL LIMITED
INDUCED POLARIZATION SURVEY (NTS 92P9)
Project TULOON
Line No. 260 N



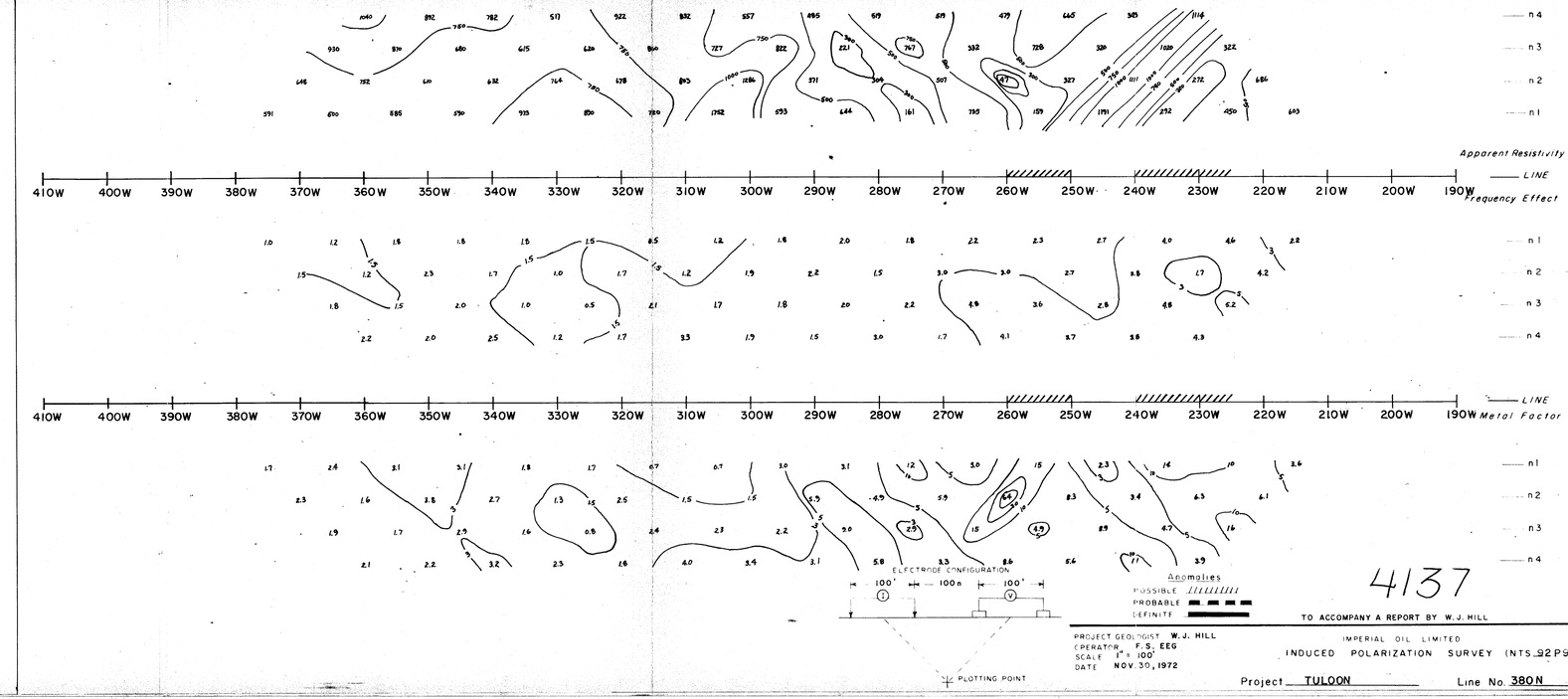
4137

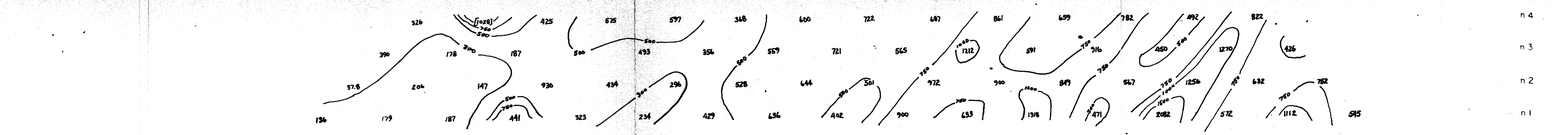
TO ACCOMPANY A REPORT BY W.J. HILL

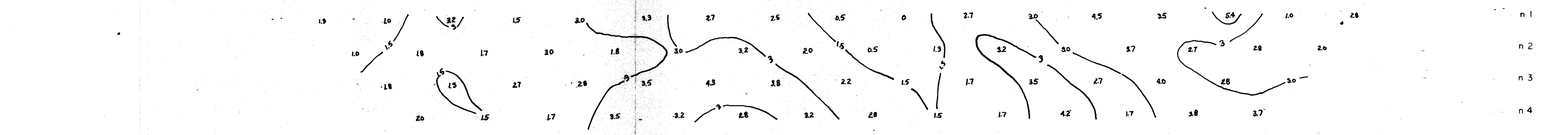
PROJECT GEOLOGIST W.J. HILL
OPERATOR F.S. EEG
SCALE 1" = 200'
DATE NOV. 10, 1972

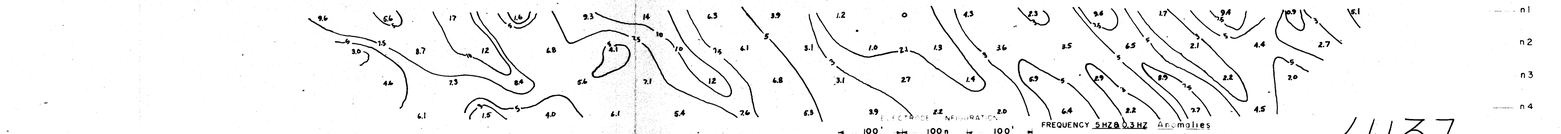
IMPERIAL OIL LIMITED
INDUCED POLARIZATION SURVEY (NTS 92P9)

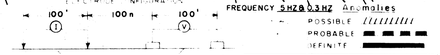
Project TULOON Line No. 220N


n 4
n 3
n 2
n 1
Apparent Resistivity
LINE
410W 400W 390W 380W 370W 360W 350W 340W 330W 320W 310W 300W 290W 280W 270W 260W 250W 240W 230W 220W 210W 200W 190W
Frequency Effect
n 1
n 2
n 3
n 4
LINE
410W 400W 390W 380W 370W 360W 350W 340W 330W 320W 310W 300W 290W 280W 270W 260W 250W 240W 230W 220W 210W 200W 190W
Metal Factor
n 1
n 2
n 3
n 4
ELECTRODE CONFIGURATION
100' 100 n 100'
I V
PLOTTING POINT
Anomalies
POSSIBLE
PROBABLE
DEFINITE
4137
TO ACCOMPANY A REPORT BY W.J. HILL
PROJECT GEOLOGIST W.J. HILL
OPERATOR F.S. EEG
SCALE 1" = 100'
DATE NOV. 30, 1972
IMPERIAL OIL LIMITED
INDUCED POLARIZATION SURVEY (NTS 92P9)
Project TULOON
Line No. 380N









FREQUENCY 5HZ & 0.3HZ Anomalies
POSSIBLE
PROBABLE
DEFINITE

4137

TO ACCOMPANY A REPORT BY W. J. HILL

PROJECT GEOLOGIST W. J. HILL
OPERATOR F. S. EEG
SCALE 1" = 100'
DATE NOV. 30, 1972

IMPERIAL OIL LIMITED
INDUCED POLARIZATION SURVEY (NTS 92P9)

Project TULOON Line No. 420N

APPENDIX 3

Expenditures

TULOON PROJECT

ASSESSMENT COSTS

Wages and Salaries	$ 2,657.00
Assay Costs	601.00
Linecutting Costs	1,575.00
Geophysical Rentals	1,233.49
Drafting Costs	200.00
SERVICES	
Transportation - F.S. Eeg (Calgary - Kamloops) and (Williams Lake - Vancouver - Calgary)	103.00
Vehicle Rentals	404.00
Accommodation	975.62
	$ 7,749.11

Declared before me at the City of Vancouver, in the Province of British Columbia, this 2nd day of January 1973, A.D.

William J. Hill

G.P. Phillips

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

SUB-MINING RECORDER

WAGES & SALARIES

NAME	MONTHLY RATE	PERIOD	NO. OF DAYS	WAGES PAID
F. S. Eeg	$ 798.00	Sept 25 to Oct. 15	20	532.00
V. Graves	$30/Day	Sept 25 to Oct. 11	17	510.00
D. Killips	$30/Day	Sept 25 to Oct. 11	17	510.00
D. Drummond	$30/Day	Sept 25 to Oct. 11	17	510.00
P. Slominski	$35/Day	Sept 25 to Oct. 11	17	595.00

ASSAYING

As per invoice ..... $ 601.00

BONDAR-CLEGG & COMPANY LTD.
geochemists • assayers • analytical chemists
768 A BELFAST ROAD (M.R. 1), OTTAWA 8. ONTARIO
PHONE: 237-3110 TELEX: 013-3548

7978

INVOICE: 7978

DATE: October 31, 1972

REPORT NO: A22-651

PROJECT:

W.O. 6779

Imperial Oil Limited
500 Sixth Avenue South West
Calgary Alberta, T2P0S1

Attention: Mr. Wm. J. Hill

1	Gold, Silver Assay	@$5.00	$ 5.00
1	Copper Assay	3.00	3.00
45	Molybdenum Assays	5.00	225.00
46	WO_3 Assays	8.00	368.00
			$601.00

gnl
83-025-25-6002-1210-3107

mab

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED

LINECUTTING

9.55-Miles at $165.00 per line-mile ..... $ 1,575.00

AMEX EXPLORATION SERVICES LTD.

A.A. (AB) ABLETT

Confidential Work

BUS. 374-1123
RES. 376-7490

204, 635 VICTORIA STREET

BOX 286
KAMLOOPS, B.C.

September 13, 1972

Imperial Oil Ltd.,
Mineral Division,
500-6th Ave.S.W.,
Calgary, Alberta

STATEMENT OF ACCOUNT

Re: Attached memorandum of agreement for completion of 9.55 miles of grid on your Tuloon Lake Project, Little Fort, B.C. Kamloops Mining Division.

9.55 miles @ $ 165.00	=	$ 1575.00
Total requested		$ 1575.00

A.A. Ablett, President
Amex Exploration Services Ltd.

83-025-28 (6002) 240-AB

72-189

MAGNETOMETER AND GEOCHEMICAL SURVEYS, CLAIM STAKING, LINE CUTTING, SURVEYING, ETC.

I.P. RENTALS

	$ 173.49
	1,000.00
	60.00
	$ 1,233.49

Tulsa
& FR. L.

McPHAR GEOPHYSICS LIMITED

139 BOND AVENUE. DON MILLS. ONTARIO

SHIPPED TO:
Imperial Oil Ltd.
Mr. Spence Eeg.
Kamloops, B. C.

SOLD TO:
Imperial Oil Limited,
Minerals Section
500 - 6th Avenue S.W.
Calgary 2, Alberta.

INVOICE NO. G-16223
DATE September 28, 1972
F.S.T. 12% Exempt
P.S.T. 5% N.A.
TERMS Net 30 days
PACKING SLIP 1609
CUST. ORDER
WORK ORDER NO.

QUANTITY	DESCRIPTION	PRICE	AMOUNT
	SALE		
8000	feet IP Wire		$320.00
	PPD Air Freight - 014-3406 1941		26.98
			$346.98

50% Tulsa
50% FR L.

JYL
83-025-28-6002-1122-AA

McPHAR GEOPHYSICS LIMITED

139 BOND AVENUE, DON MILLS, ONTARIO

SHIPPED TO:
- Imperial Oil Ltd.
- Vancouver, B. C.
- Attn: Mr. E. Pekar.

SOLD TO:
- Imperial Oil Limited,
- 1281 West Georgia Street, Room 314,
- Vanouver, B.C.
- Attn: Mr. Ed Pekar, Minerals Division

INVOICE NO.	G-16284
DATE	October 19, 1972
F.S.T. 12%	Exempt
P.S.T. 5%	N.A.
TERMS	On Receipt
PACKING SLIP	1593
CUST. ORDER	S-75058
WORK ORDER NO.	

QUANTITY	DESCRIPTION	PRICE	AMOUNT
	RENTAL		
1	Model P660 IP Transmitter - S/N 70102		
1	2.5 KVA IP Generator - S/N 70204		
	2nd Months Rental		
	From September 20, 1972 to October 19, 1972		
	30 days @ $28.00 per day		$ 840.00
	30 days @ $12.00 per day		360.00
			$1,200.00

5 days FRL remainder - Tulsan

Friendly Lake 6002

EVALUATION

IMPERIAL OIL LIMITED

PER: PURCHASING DEPT.

ED ON SITE BY ______ EST. COST $1,200.00 REQUESTED BY Mary Jemison

83-025-28-6002-1122-AA

CANIM PROJECT # 6002

APPROVED BY [signature]

DETACH HERE AND SUBMIT ORIGINAL AND ACCOUNTING COPY (PART 2) TO PURCHASING DEPARTMENT

Tilson

McPHAR GEOPHYSICS LIMITED

139 Bond Avenue. Don Mills. Ontario

OCT 16 REC'D

SHIPPED TO: Imperial Oil Limited,
1281 West Georgia Street,
Room 314,
Vancouver, B.C. Attn:Mr. Ed. Pekar

SOLD TO: Imperial Oil Limited,
1281 West Georgia St. Room 314,
Vancouver, B.C.
Attn: Mr. Ed. Pekar,
Minerals Division

INVOICE NO.	G-16250
DATE	October 11, 1972
F.S.T. 12%	Exempt
P.S.T. 5%	N.A.
TERMS	On Receipt
PACKING SLIP	1660
CUST. ORDER	
WORK ORDER NO.	

QUANTITY	DESCRIPTION	PRICE	AMOUNT
	RENTAL		
1	P660 IP Receiver S/N 70164		
1 set	Spare Rx Plug-ins		
2	Spare fuses		
1	P660 Manual		
	Rental From September 27, 1972 to Termination September 28, 1972 2 days @ $30.00 per day		$60.00

Canim #6002 Friendly Lake

Radar Omni No. 7066

TRANSPORTATION & MOBILIZATION

F. S. Eeg

Air Tickets

Calgary - Kamloops	30.00
Williams Lake - Vancouver - Calgary	73.00

ISSUED BY **PACIFIC WESTERN** AIRLINES

If the passenger's journey involves an ultimate destination or stop in a country other than the country of departure, the Warsaw Convention may be applicable and the Convention governs and in most cases limits the liability of carriers for death or personal injury and in respect of loss of or damage to baggage

227 200 225 72 (1)

PASSENGER NAME NOT TRANSFERABLE: [illegible]

ORIGIN / DESTINATION / ISSUED IN EXCHANGE FOR / VALID UNTIL / TICKET DESIGNATOR / ACCTG. USE ONLY / DATE AND PLACE OF ORIGINAL ISSUE / DATE AND PLACE OF ISSUE

NOT GOOD FOR PASSAGE

	FARE BASIS	ALLOW	CARRIER	FLIGHT/CLASS	DATE	TIME	STATUS
FROM Williams Lake	[illegible]						
TO Vancouver	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]
TO [illegible]							

BAGGAGE CHECKED UNCHECKED — PCS. — WT. — UNCK WT.

FARE 73.00 — TOTAL 73.00 — TAX — EQUIV. AMT. PAID — ROUTE CODE — CPN.

FOR ISSUING OFFICE ONLY — FROM/TO — CARRIER — FARE CALCULATION

FARE 7[illegible] — CONJUNCTION TICKET(S) — FORM OF PAYMENT — ENDORSEMENTS (CARBON)

2 PRINTED IN CANADA

ISSUED BY **PACIFIC WESTERN** AIRLINES

SUBJECT TO CONDITIONS OF CONTRACT ON PAGE 2

If the passenger's journey involves an ultimate destination or stop in a country other than the country of departure, the Warsaw Convention may be applicable and the Convention governs and in most cases limits the liability of carriers for death or personal injury and in respect of loss of or damage to baggage

227 200 225 72 (2)

PASSENGER NAME NOT TRANSFERABLE: D. D[illegible]

ORIGIN / DESTINATION / ISSUED IN EXCHANGE FOR / VALID UNTIL [illegible] / TICKET DESIGNATOR / ACCTG. USE ONLY / DATE AND PLACE OF ORIGINAL ISSUE / DATE AND PLACE OF ISSUE

NOT GOOD FOR PASSAGE

	FARE BASIS	ALLOW	CARRIER	FLIGHT/CLASS	DATE	TIME	STATUS
FROM Williams Lake	Y	[illegible]	PW	[illegible]	[illegible]	[illegible]	[illegible]
Vancouver	Y	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kamloops							

BAGGAGE CHECKED UNCHECKED — PCS. — WT. — UNCK WT.

FARE 56.00 — TOTAL 56.00 — TAX — EQUIV. AMT. PAID — ROUTE CODE — CPN.

FOR ISSUING OFFICE ONLY — FROM/TO — CARRIER — FARE CALCULATION

FARE [illegible] — CONJUNCTION TICKET(S) — FORM OF PAYMENT [illegible] — ENDORSEMENTS (CARBON)

PRINTED IN CANADA

VEHICLE RENTALS

October - 2-Vehicles	$\left(\frac{15}{30} \times \$404.25\right)$ $\left(\frac{15}{30} \times \$404.25\right)$	404.25

ACCOMMODATION

ROOM AND BOARD

September 25 - October 5, 1972 (5-men, 10-days at $62.50 plus tax)	643.75
October 5-10, 1972	331.88

PRODUCING DEPARTMENT – WESTERN REGION

EXPENSE STATEMENT

DATE PREPARED: Oct 2
MONTH OF: Sept - Oct
EMPLOYEE (PRINT): E.E.G. Speedle
COMPANY – I.O.L. ☑ I.O.E.L. ☐ OTHER ☐
MAILING ADDRESS STREET: Imperial Oil Ltd Mineral Section
DEPARTMENT: Mineral Section
CITY: Calgary
EMPLOYEE No. 251950
PERIOD: Sept 25 TO Oct 5
IP TO
PURPOSE

DATE	HOTEL	MEALS	TRANSP.	RECP'T. NO.	MISCELLANEOUS AMT.	MISCELLANEOUS EXPLANATION	TOTAL EXPENSES	CHARGE: ACCOUNT, WELL, RIG, BATTERY, VEHICLE NO., PARTY OR PROJECT, ETC.
Room and Board						①		
10 Days @ 62.50 + Tax							643.75	
10 Days Labourer						②	350.00	
10 Days Labourer						③	300.00	83-025-28
10 Days Labourer						④	300.00	6002-1240-AA
								(Linecutting)
11 Days Labourer						⑤	330.00	
(Friendly hole)								

Bank charges for U.S. funds or travellers cheques	
Premium on U.S. Funds unexpended (Deduct)	
TOTAL EXPENDITURES	1923.75
Less: Cash Advanced	
Transportation Advanced	
Total Advanced	
Difference due ~~Company~~/Employee (Please indicate whichever applies)	1923.75

SIGNED BY: [signature]

APPROVED BY: (Please Use Ink) [signature]

№ 2258

19__ ACCOUNTING MONTH

DEBITS

DEP 12-13	MAIN 14-16	SC 17	SUB 18–27	PRIME 28–31	AMOUNT 32–42	MEMO 43–49	DESCRIPTION 65–80

ITEM NO. 9 10 11

CODED BY

CREDITS (X Punch Cols. 32 and 51)

DEP 12-13	MAIN 14-16	SC 17	SUB 18–27	PRIME 28–31	AMOUNT 32–42	MEMO 43–49	DESCRIPTION 65–80

FOR APPROVERS USE ONLY

MACHINE CHECK

No. ______ DATE Oct 11 1972 4

REÇU DE / RECEIVED FROM Spence Egg

LA SOMME DE / THE SUM OF Two Hundred Sixteen XX/100 DOLLARS

POUR / FOR Topo Survey - [illegible]

7 days @ $30/day

$ 216.00/xx [illegible signature]

CONTRACT LABOR Contractor responsible for U.I., CPP and I.T.

(5)

STATEMENT

Nehalliston Fishing Camp
Little Fort, B.C. DATE 10 Oct 1972

Mr S. Egg
Imperial Oil

DATE	DETAILS	DEBIT	CREDIT	BALANCE
	Board & Room 5 Men for			
	5 days @ $62.50 per day			312.50
	Accommodation tax			9.38
	Gas & Misc			10.00
				$331.88

[illegible signature]

[illegible]


LOST CREEK
MOOSE LAKE
GREEN CREEK
TAWEEL CREEK
B-CREEK
RONG LAKE
RONG CREEK
14 MILE CREEK
HOLY CREEK
LINE Y
LINE X
LINE 0
LINE 1
LINE 2
LINE 3
LINE 4
LINE 5
LINE 6
LINE 7
LINE 8
LINE 9
LINE 10
LINE 11
LINE A
LINE C
LINE D
BASELINE
BASE LINE
L540N
L500N
L460N
L420N
L400N
L380N
L360N
L340N
L320N
L300N
L260N
L220N
L180N
L140N
L100N
DDH 69-1
DDH 69-2
DDH 69-3
DDH 69-4
DDH 69-6
DDH 69-5-8
DDH 69-7
DDH 69-8
DDH 69-9
DDH 1
DDH 2
DDH 3 125'
OLD LINE (I.P. SURVEY)
51°35'30"
120°18'
4000
4100
4200
4300
4400
4500
MOOSEHEAD LAKE
MOOSE L.
TAWEEL CR.
TINTLHOHTAN LAKE
14 MILE CR.
TO LITTLE FORT
JEEP ROAD
CREEK
MAPPED AREA
SCALE 1:25,000
51°35'
ROADS
STREAM OR CREEK
LAKE OR POND
LINES CUT
TRENCH TR 12
4137
M-5
Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 4137 MAP #5
TULOON PROJECT 92P-9
IMPERIAL OIL LIMITED
SCALE - FEET
BASE MAP FROM FALCONBRIDGE NICKEL MINES