

PETER E. WALCOTT & ASSOC. LTD.

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A GEOPHYSICAL REPORT

ON

AN INDUCED POLARIZATION SURVEY

Tutshi Lake Area, British Columbia
59° 50' N, 134° 30' W
N. T. S. 104 M/15

Claims surveyed: CATFISH 2, 3, 6, 7, 10 & 11

Survey Dates: September 6th - October 2nd,
1989

Owners: Frame Mining Corporation
C. J. R. Hart

Operator: FRAME MINING CORPORATION

BY

PETER E. WALCOTT & ASSOCIATES LIMITED
Vancouver, British Columbia

JANUARY 1990

GEOPHYSICAL SERVICES

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,794

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INTRODUCTION.

Between September 6th and October 2nd, 1989, Peter E. Walcott & Associates Limited carried out limited induced polarization (I.P.) surveying on part of the Catfish property, located in the Tutshi Lake area of British Columbia, for Frame Mining Corporation.

The survey was carried out over two baselines, one at N 15° W, the other at N 40° W, and five cross lines, two of which were turned off at right angles from the first baseline, and the remainder similarly turned off the second baseline, that were established by a linecutting contracting crew.

Measurements (first to fourth separation) of apparent chargeability - the I.P. response parameter - and resistivity were initially taken using the dipole-dipole method of surveying with a 25 metre dipole, but were discarded in favour of those from the pole-dipole method of surveying when the former method had to be abandoned due to poor electrical contact with the ground, the very steep and slippery terrain, and the incessant rain.

As expected the progress of the survey was severely impeded by the above noted conditions, three camp set ups, and suffered a further setback when a large windstorm blew down the camp and damaged the transmitter in the middle of the job which necessitated a replacement being flown in.

The I.P. data are presented in pseudo section form on individual line profiles that are bound in this report.

PROPERTY, LOCATION & ACCESS.

The property is located in the Atlin Mining Division of British Columbia and consists of the following claims:

<u>Claim Name</u>		<u>Units</u>	<u>Record No.</u>	<u>Anniversary Date</u>
CATFISH		4	2640	June 24th
"	2	2	2755	October 30th,
"	3	3	2756	October 30th,
"	4	2	2757	October 30th,
"	5	15	3116	March 4th,
"	6	8	3117	March 4th,
"	7	20	3118	March 4th,
"	10	4	3433	September 2nd,
"	11	6	3434	September 3rd,
IGUANA		12	3100	January 5th.

The claims are situated on the west side of Tutshi Lake between elevations of 700 and 2000 metres in the vicinity of Paddy Pass.

Access to the property was obtained by means of a four wheel drive vehicle along an access road, north of Paddy Creek, running off the Klondike Hwy. some 50 kilometres north of Skagway, Alaska.

Helicopter assistance was needed to (a) move the gear up the mountain for work off the north baseline, and (b) move the entire camp to the southern portion of the claims for work off the south baseline.

PREVIOUS WORK.

Previous work on the property consisted for the most of mapping and prospecting, as evidenced by the presence of adits, trenches and blast holes as well as by the access road, and is largely undocumented.

PURPOSE.

The purpose of the survey was to determine the I.P. response of the sulphide bearing quartz veins in an effort to use these responses, if any, to trace and/or search for more of the same in the overburden covered areas.

GEOLOGY.

The reader is referred to a report by J. H. Davis, P. Geol. dated December 1989.

Basically the property is underlain by a sequence of volcanic and sedimentary rocks of Pre-Permian - Boundary Ranges Group -, Upper Triassic - Stuhini Group -, Lower Jurassic - Laberge Group - and Middle to Upper Jurassic periods in a large anticlinal synclinal structure, intruded in places by granite and aplite rocks of Upper Cretaceous Coast Intrusions, that trends N 50° W.

Mineralization occurs primarily on east-west trending quartz-arsenopyrite veins up to 2.5 metres wide with anomalous gold and silver values within the aplite on the middle ridge, and as disseminated pyrite in the orange-buff gossanous areas of the aplite.

SURVEY SPECIFICATIONS.

The induced polarization (I.P.) survey was carried out using a pulse type system, the principal components of which are manufactured by Hunttec Limited and EDA Instruments Ltd. of Metropolitan Toronto, Ontario.

The system consists basically of three units, a receiver (EDA), a transmitter and a motor generator (Hunttec). The transmitter, which provided a maximum of 2.5 kw d.c. to the ground, obtains its power from a 2.5 kw 400 c.p.s. three phase alternator driven by a gasoline engine. The cycling rate of the transmitter is 2 seconds "current-on" and 2 seconds "current-off" with the pulses reversing continuously in polarity. The data recorded in the field consists of careful measurements of the current (I) in amperes flowing through the current electrodes C₁ and C₂, the primary voltage (V) appearing between the two potential electrodes, P₁ and P₂, during the "current-on" part of the cycle, and the apparent chargeability (M_a) presented as a direct readout in millivolts per volt using a 160 millisecond delay and a 1580 millisecond sample window by the receiver, a digital receiver controlled by a micro-processor.

The apparent resistivity (P_a) in ohm metres is proportional to the ratio of the primary voltage and the measured current, the proportionality factor depending on the geometry of the array used. The chargeability and resistivity are called apparent as they are values which that portion of the earth sampled would have if it were homogeneous. As the earth sampled is usually inhomogeneous the calculated apparent chargeability and resistivity are functions of the actual chargeability and resistivity of the rocks.

The dipole-dipole method of surveying was deployed initially. This electrode configuration and the methods of presenting the results are illustrated on the pseudo-sections in the appendix. Depth penetration with this array is increased or decreased by increasing or decreasing "a" and/or "n".

In practise, the equipment is set up at a particular station of the line to be surveyed: three transmitting dipoles are laid out to the rear, measurements are made for all possible combinations of transmitting and receiving dipoles, up to the fourth separation, i.e. n=4: the equipment is then moved 3

SURVEY SPECIFICATIONS cont'd

"a" metres along the line to the next set-up.

A decision was made to abandon this system of surveying when poor contact resistance resulted in the inability to transmit sufficient current to the ground to obtain reliable measurable overvoltage readings, and to switch to the "pole-dipole" method of surveying. This decision was further reinforced by the steep and slippery terrain - could not pack the 44 kg motor generator up some slopes - and the inclement weather.

In this method the current electrodes C_1 , and the potential electrodes, P_1 through P_3 , are moved in unison along the survey lines at a spacing "a" (the dipole) apart, while the second current electrode C_2 is kept constant at "infinity". The distance, "na", between C_1 and the nearest potential electrode generally controls the depth to be explored by the particular separation, "n", traverse.

The survey was carried out using a 25 metre dipole, and first to fourth separation measurements were made at 25 metre intervals along the lines.

In all some 10.4 kilometres of surveying were carried out using the above methods.

DISCUSSION OF RESULTS.

The chargeability results show the area surveyed to exhibit a low chargeability background - 3 to 7 millivolts per volt - above which many anomalous features are clearly discernible.

These can be basically broken into three classes based on their respective characteristics, namely Class A - narrow zones of higher chargeability with little or no resistivity contrast as would be expected from narrow veinlike causative sources -, Class B - apparently narrow but undefined zones of high chargeability associated with lower resistivities- and Class C - broad complex zones of higher chargeability with little or no resistivity contrast.

High chargeability readings accompanied by lower resistivity values of Class B type are observed on the western extremities of Lines O, 1125 S and 1325 S as well as on the southern end of the baseline. To the writer these would appear to represent the response of carbonaceous argillites although they generally appear west of the mapped occurrence of such.

A large complex zone of high chargeability of Class C type is observed on the eastern end of Line O, the eastern half of Line 400 N, undefined to the east on both lines, the central portion of Line 800 N and on the baseline between 3 + 50 N and 9 + 00 N between similar elevations on all lines. This would appear to have a formational causative source, but is located mostly in mapped intrusive with extension into the Boundary Range metamorphics on Line O.

Higher chargeability readings occur on the smaller separations within this zone on Line 800 N where the hillside appears to have sloughed down to create a layer of mineralized talus.

A zone of similar characteristics is noted on the western end of Line 1325 S in the mapped Jurassic sedimentary-volcanic suites, and a similar one could occur at depth in the middle of the same line.

The majority of the Class A type of anomalies occur on the two baselines in areas of good rock exposure where

DISCUSSION OF RESULTS cont'd

the lines run mostly parallel to a shear(s) and over cross cutting quartz-arsenopyrite veins - it should be mentioned here that some first separation measurements were omitted in areas of lower chargeabilities due to excessive primary voltage signal strength.

The broadest of these anomalies, located with the aborted dipole-dipole work between Lines 9 + 50 S and 7 + 75 S on the baseline, exhibits somewhat similar chargeability and resistivity responses to the above mentioned anomalies on Line 1325 S.

A strong single dipole anomaly was observed in the overburden covered area on the north side of the Paddy Creek valley bottom, as defined by lower resistivities.

SUMMARY, CONCLUSIONS & RECOMMENDATIONS.

Between September 6th and October 2nd, 1989, Peter E. Walcott & Associates Limited undertook a limited induced polarization survey to investigate the chargeability signature of the known mineralized gold bearing veins on the Catfish property, located in the Tutshi Lake area of British Columbia, for Frame Mining Corporation.

Despite initial start-up problems, occasioned mostly by the steep terrain and inclement weather, seven traverses were completed on a split baseline and five cross lines.

Moderate to strong chargeability responses were observed over the known vein structures, and similar responses were obtained elsewhere in areas of good rock exposure for future geological correlation.

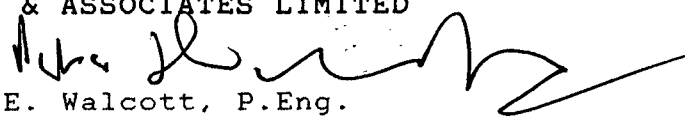
A large complex zone of moderate to strong chargeability was located on the south hillside of the Paddy Creek valley on lines 400 metres apart in mostly underlying Coast Intrusions.

While the geological map provided shows no outcroppings nor geochemical coverage over this zone there are presumably occurrences of the former in the numerous drainage channels that run down the hillside as per the topographic maps for geological investigation of the causative source(s) of this anomalous zone.

As a result the writer recommends that the geophysical data be studied in conjunction with the results from the geological and geochemical investigations before further work is contemplated.

Respectfully submitted,

PETER E. WALCOTT & ASSOCIATES LIMITED


Peter E. Walcott, P.Eng.
Geophysicist

Vancouver, B.C.
January 1990

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A P P E N D I X
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- i -

COST OF SURVEY.

Peter E. Walcott & Associates Limited undertook the survey on a daily basis. Mobilization and reporting costs were extra so that the total cost of services provided was \$35,899.43.

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- ii -

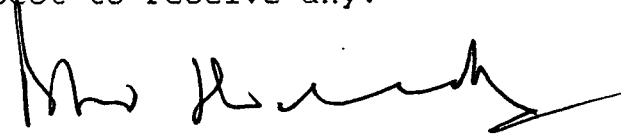
PERSONNEL EMPLOYED ON SURVEY.

<u>Name</u>	<u>Occupation</u>	<u>Address</u>	<u>Dates</u>
Peter E. Walcott	Geophysicist	Peter E. Walcott & Assoc. 605 Rutland Court, Coquitlam, B.C. V3J 3T8	Dec. 14th, 1989 Jan 26th - 30th 1990
G. MacMillan	Geophysical Operator	"	Sept. 8th - Oct. 3rd, 26th - 30th, 1989
I. Franey	"	"	Sept. 6th - 30th, 1989
P. Storkle	Geophysical Helper	"	"
M. Hawley	"	"	Sept. 8th - 11th, 1989
C. Rousseau	"	"	Sept. 12th - 29th, 1989
B. Bennion	"	"	Sept. 22nd - 30th, 1989
J. Walcott	Typing	"	Jan. 30th, 1990

CERTIFICATION.

I, Peter E. Walcott, of the Municipality of Coquitlam, British Columbia, hereby certify that:

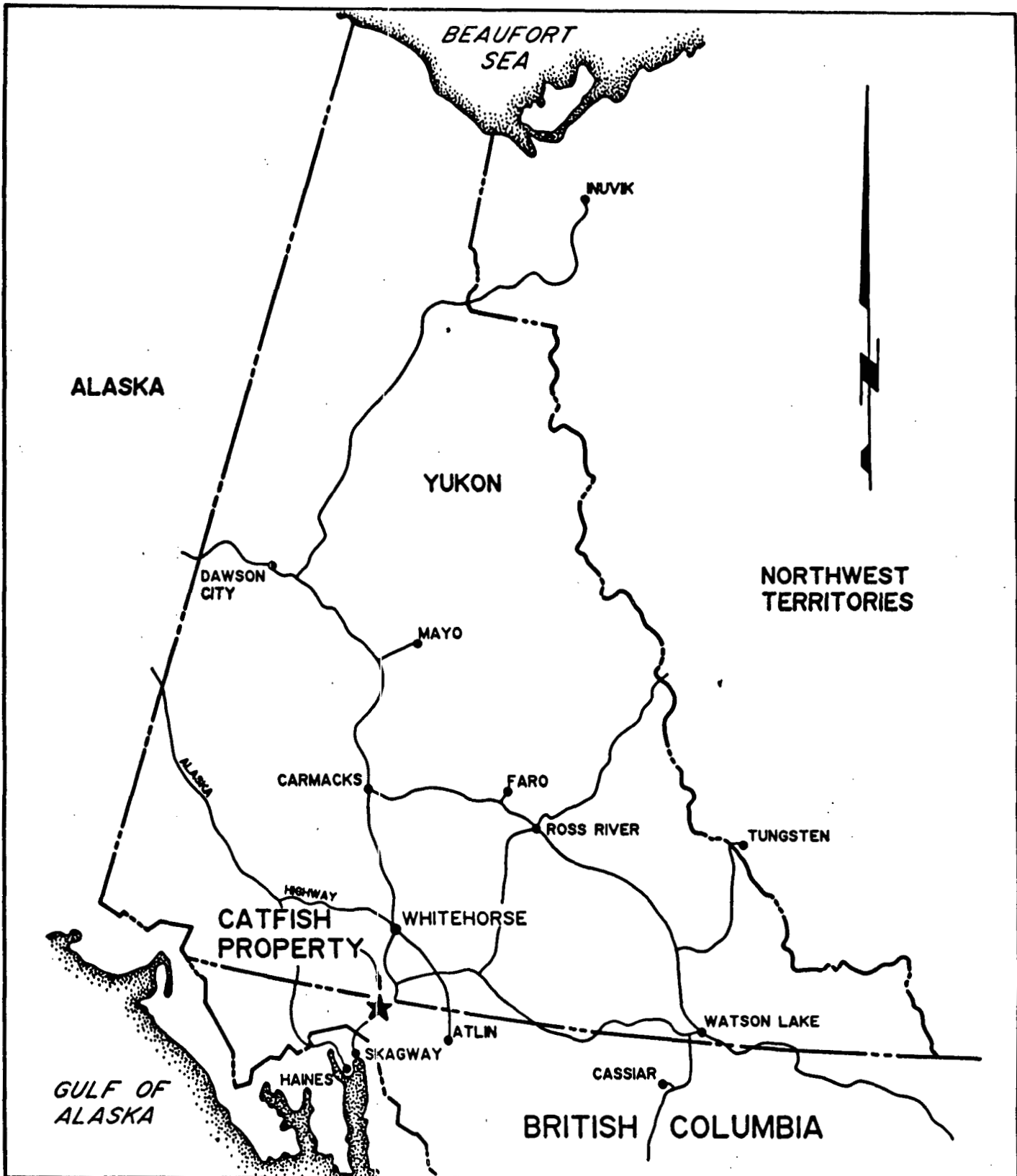
1. I am a graduate of the University of Toronto in 1962 with a B.A.Sc. in Engineering Physics, Geophysics Option.
2. I have been practising my profession for the last twenty seven years.
3. I am a member of the Association of Professional Engineers of British Columbia and Ontario.
4. I hold no interest, direct or indirect, in the securities or properties of Frame Mining Corporation, nor do I expect to receive any.



Peter E. Walcott, P.Eng.

Vancouver,
British Columbia

January 1990



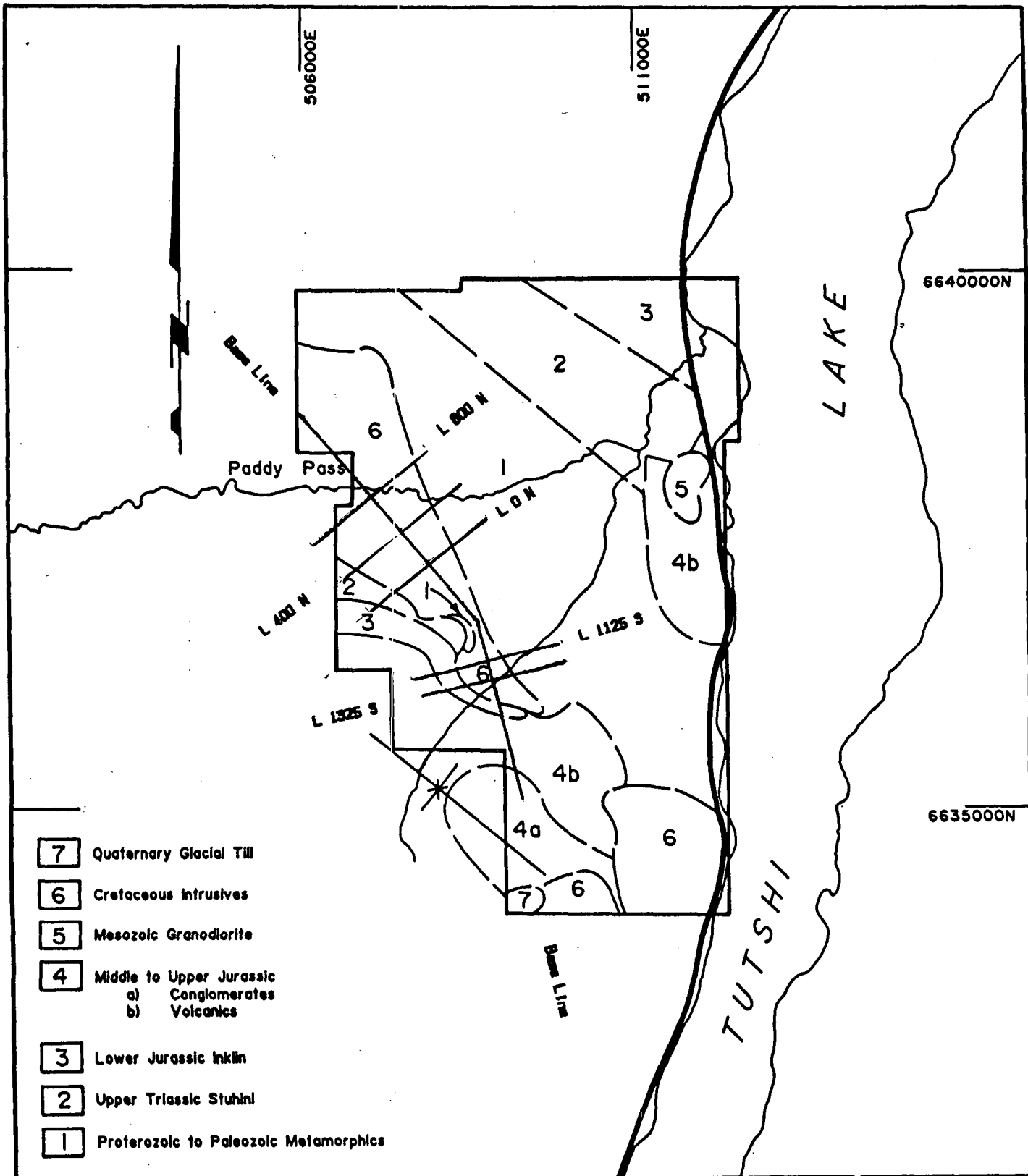
FRAME MINING CORPORATION
CATFISH PROJECT

FIGURE I - LOCATION MAP



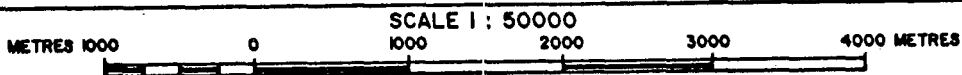
PETER E. WALCOTT & ASSOC. LTD.
 December 1989

DATE : SEPTEMBER 1989
 DRAWN BY : SONYA HANSEN



FRAME MINING CORPORATION
CATFISH PROJECT

FIGURE 2 - PROPERTY GEOLOGY

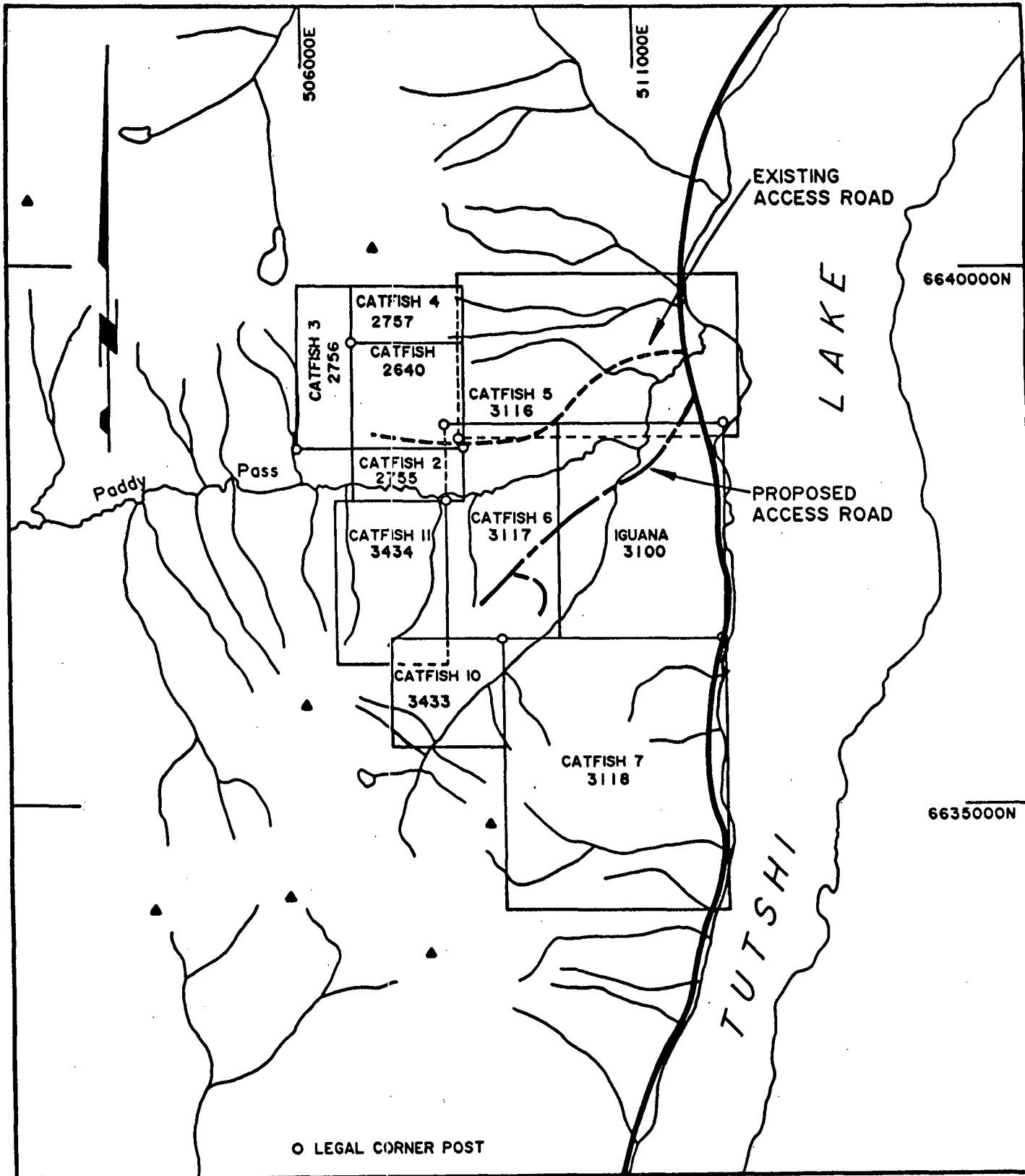


PETER E. WALCOTT & ASSOC. LTD.

December 1989

GEOLOGY BY : J. H. DAVIS
 CONSULTING
 GEOLOGIST

DATE : SEPTEMBER 1989
 DRAWN BY : SONYA HANSEN



**FRAME MINING CORPORATION
CATFISH PROJECT**

FIGURE 3 - 1989 EXPLORATION CLAIM MAP

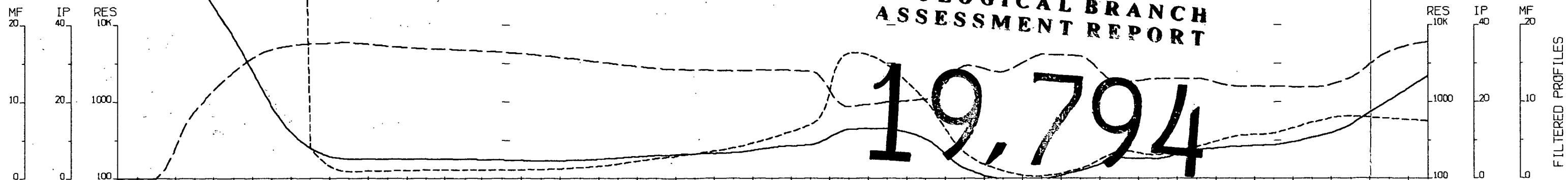


PETER E. WALCOTT & ASSOC. LTD.
December 1989

DATE : SEPTEMBER 1989
DRAWN BY : SONYA HANSEN

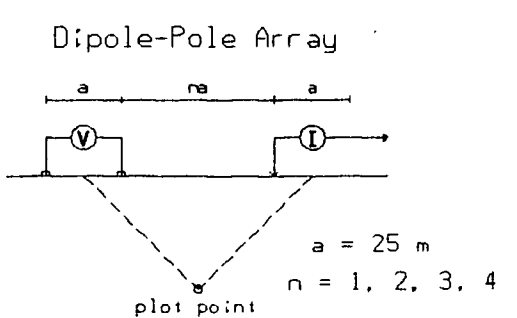
GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,794



FILTERED PROFILES

Base Line 0



Filtered Profiles

Resistivity --- filter *
Polarization --- **
Metal Factor --- ***

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

Instrument: EDA IP2 Rx, HUNTEC 2.5kw Tx
Frequency: .125 Hz
Operator: G.M., I.F.

INTERPRETATION

- Well defined, strong increase in polarization with or without marked decrease in resistivity.
- Fairly well defined moderate increase in polarization.
- Poorly defined polarization increase.
- Resistivity feature.

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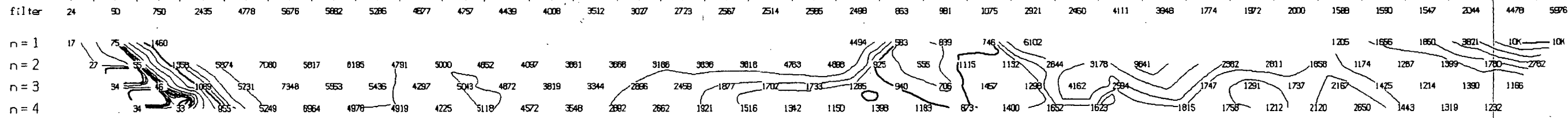
INDUCED POLARIZATION SURVEY
CATFISH PROJECT
LIARD M.D..B.C.

Date: 90/01/30 N.T.S.: 104M/15
Interpretation by: P.E.W.
Scale: 1 : 2500

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TOPOGRAPHY

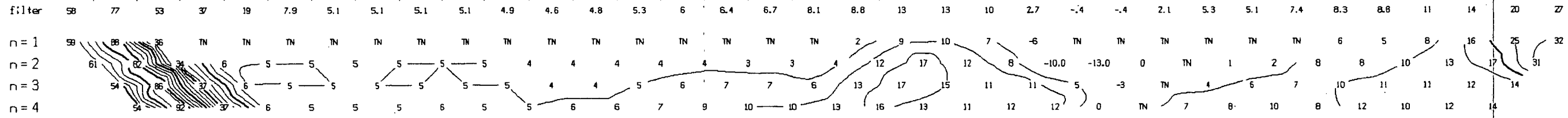
17+00 S 16+50 S 16+00 S 15+50 S 15+00 S 14+50 S 14+00 S 13+50 S 13+00 S 12+50 S 12+00 S 11+50 S 11+00 S 10+50 S 10+00 S 9+50 S 9+00 S



RESISTIVITY
(ohm-m)

CHARGEABILITY
(millivoltspervolt)

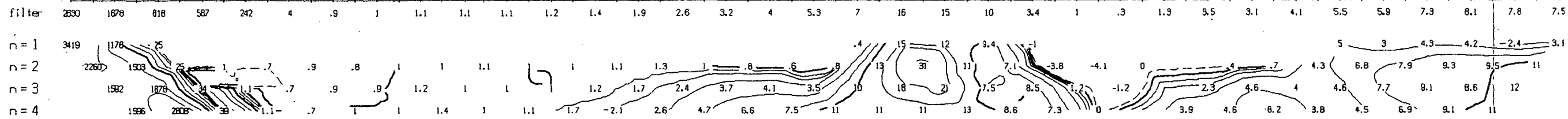
17+00 S 16+50 S 16+00 S 15+50 S 15+00 S 14+50 S 14+00 S 13+50 S 13+00 S 12+50 S 12+00 S 11+50 S 11+00 S 10+50 S 10+00 S 9+50 S 9+00 S

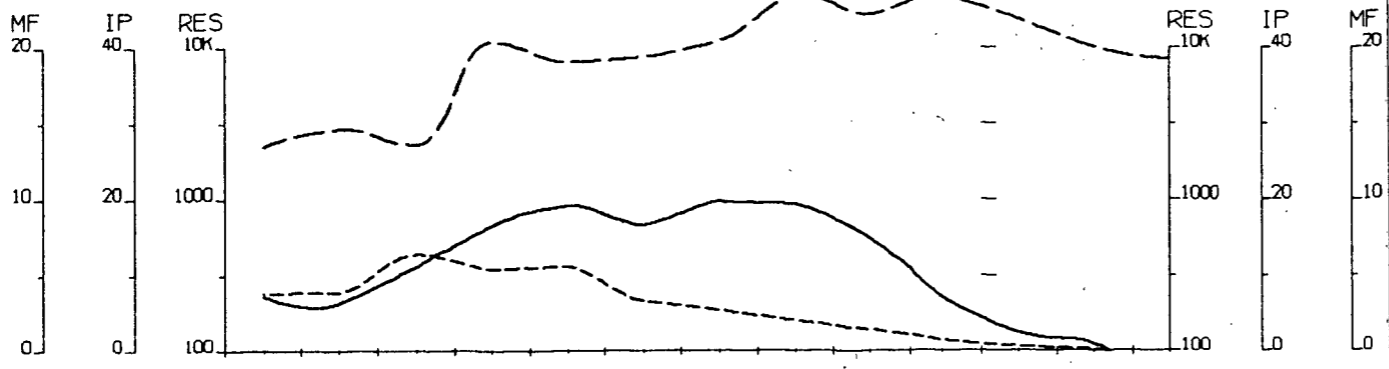


INTERPRETATION

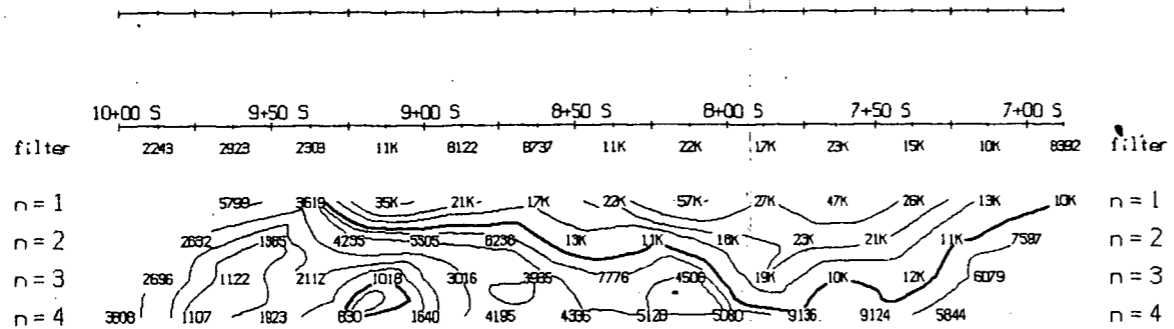
METAL FACTOR
(ip/res * 1000)

17+00 S 16+50 S 16+00 S 15+50 S 15+00 S 14+50 S 14+00 S 13+50 S 13+00 S 12+50 S 12+00 S 11+50 S 11+00 S 10+50 S 10+00 S 9+50 S 9+00 S





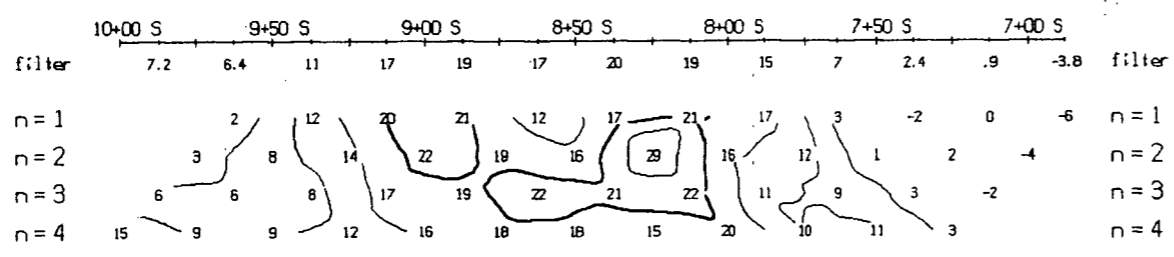
FILTERED PROFILES



TOPOGRAPHY

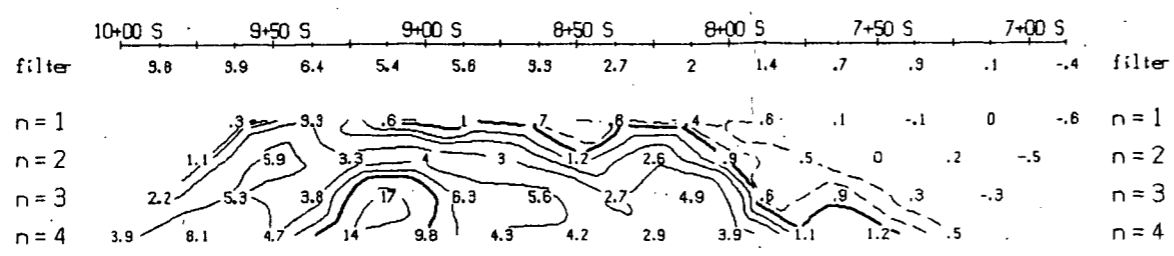
RESISTIVITY

(ohm-m)



CHARGEABILITY

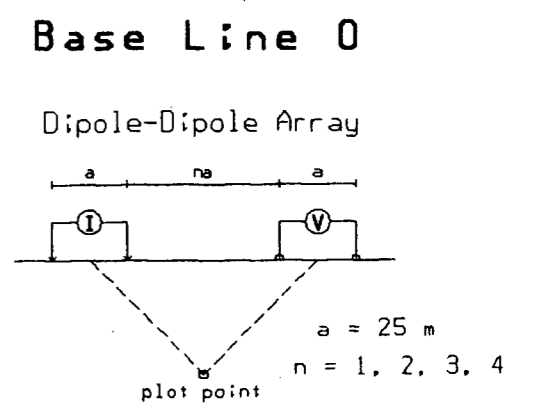
(millivoltspervolt)



INTERPRETATION

METAL FACTOR

(ip/res * 1000)



Filtered Profiles

Resistivity	-----	filter *
Polarization	=====	filter **
Metal Factor	- - - - -	filter ***
		filter ****

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

Instrument: EDA IP2 Rx, HUNTEC 2.5kw Tx
Frequency: .125 Hz
Operator: G.M., I.F.

INTERPRETATION

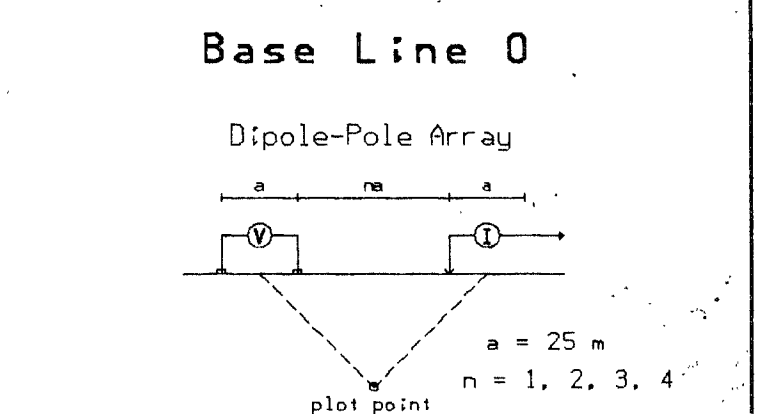
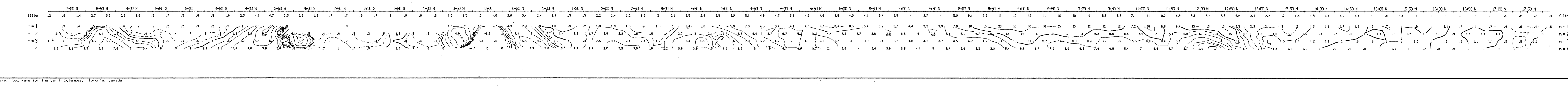
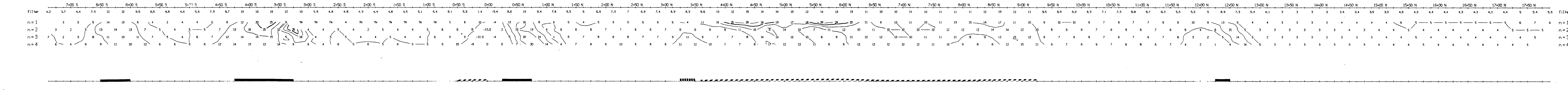
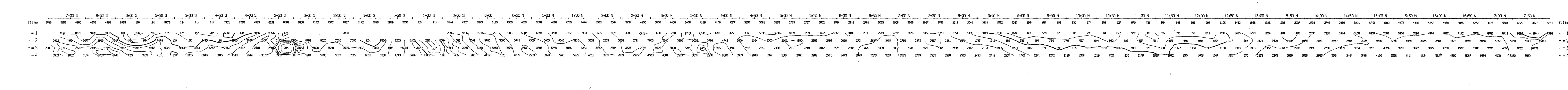
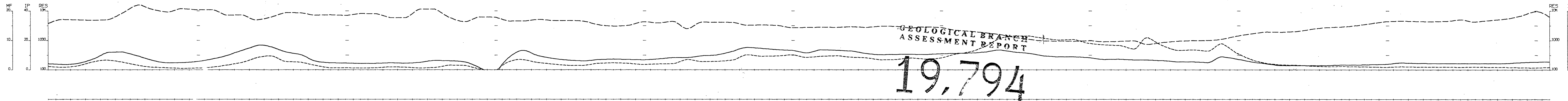
- Well defined, strong increase in polarization with or without marked decrease in resistivity.
- Fairly well defined moderate increase in polarization.
- Poorly defined polarization increase.
- Resistivity feature.

FRAME MINING CORPORATION

INDUCED POLARIZATION SURVEY
CATFISH PROJECT
LIARD M.D., B.C.

Date: 90/01/30 N.T.S.: 104M/15
Interpretation by: P.E.W.
Scale: 1 : 2500

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Filtered Profiles

Resistivity ——— filter
Polarization ——— *
Metal Factor ——— * * *

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

Instrument: EDA IP2 Rx, HUNTEC 2.5kw Tx
Frequency: .125 Hz
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INTERPRETATION

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FRAME MINING CORPORATION

INDUCED POLARIZATION SURVEY

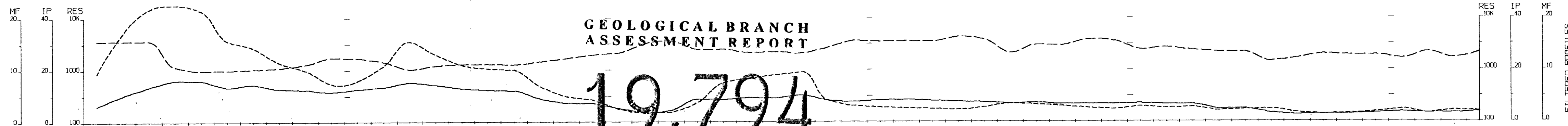
CATFISH PROJECT
LIARD M.D.B.C.

Date: 90/01/30 N.T.S.: 104M/15
Interpretation by: P.E.W.
Scale: 1 : 2500

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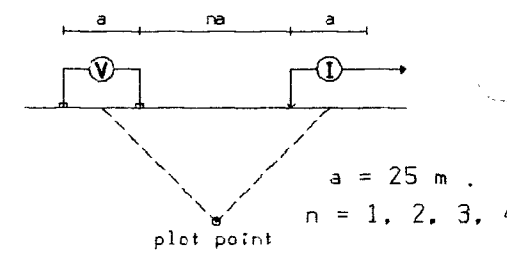
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Line 1325 S

Dipole-Pole Array



Filtered Profiles

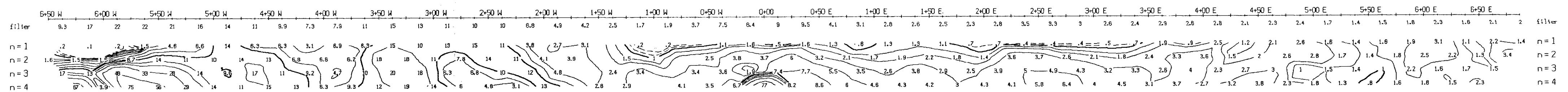
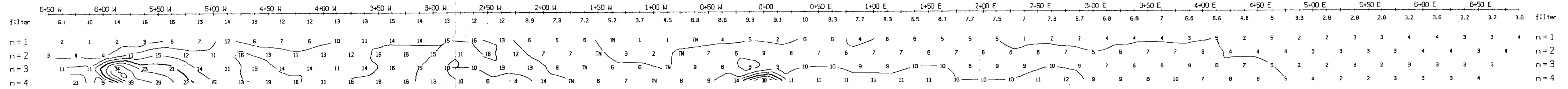
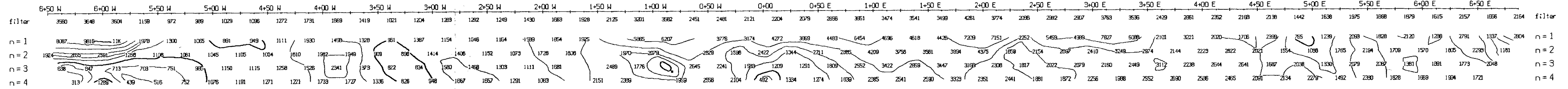
Resistivity --- filter
Polarization - - - *
Metal Factor - - - - * * *

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

Instrument: EDA IP2 Rx, HUNTEC 2.5kw Tx
Frequency: .125 Hz
Operator: G.M.I.F.

INTERPRETATION

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FRAME MINING CORPORATION

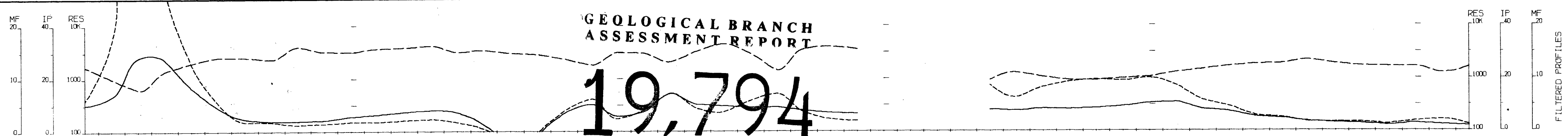
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CATFISH PROJECT
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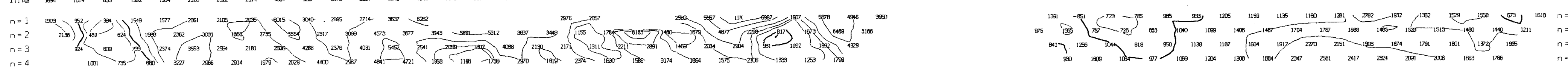
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ASSESSMENT REPORT

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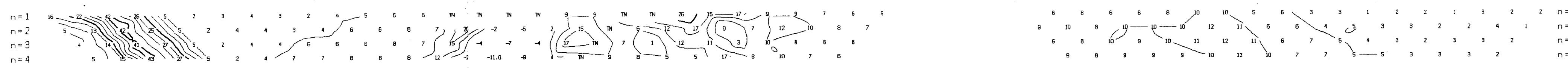


FILTERED PROFILES

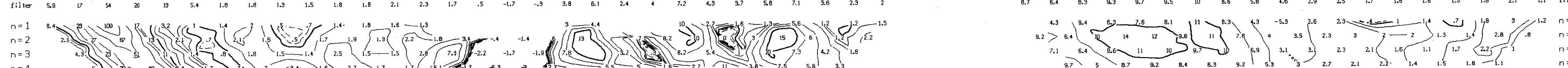
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6+00 W 5+50 W 5+00 W 4+50 W 4+00 W 3+50 W 3+00 W 2+50 W 2+00 W 1+50 W 1+00 W 0+50 W 0+00 0+50 E 1+00 E 1+50 E 2+00 E 2+50 E 3+00 E 3+50 E 4+00 E 4+50 E 5+00 E 5+50 E 6+00 E 6+50 E



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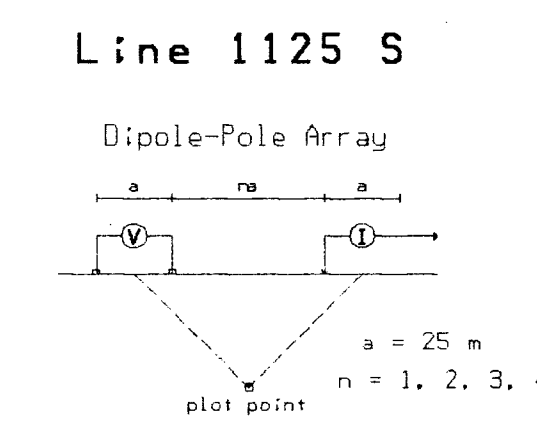


TOPOGRAPHY

RESISTIVITY
(ohm-m)

CHARGEABILITY
(millivoltspervolt)

METAL FACTOR
(ip/res * 1000)



Filtered Profiles

Resistivity ——— filter *
Polarization ——— * *
Metal Factor - - - - - * * *
* * * *

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

Instrument: EDA IP2 Rx, HUNTEC 2.5kw Tx
Frequency: .125 Hz
Operator: G.M..I.F.

INTERPRETATION

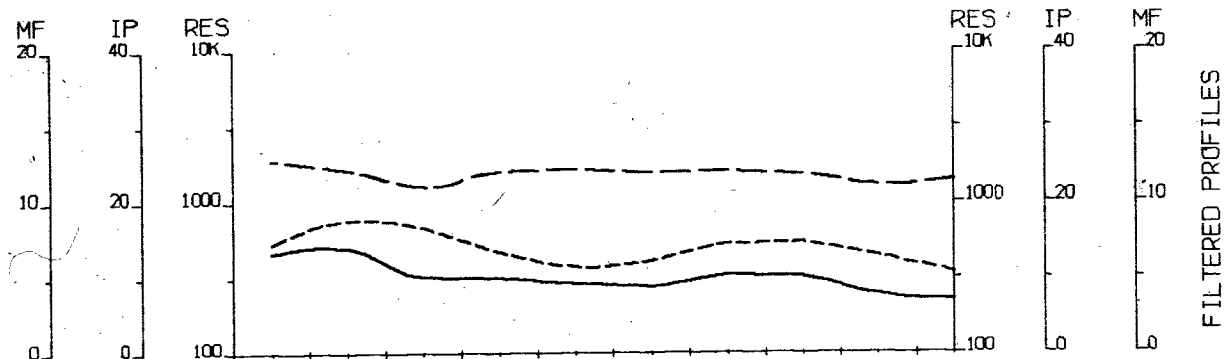
- ▬ Well defined, strong increase in polarization with or without marked decrease in resistivity.
- ▬▬▬▬ Fairly well defined moderate increase in polarization.
- - - - - Poorly defined polarization increase.
- Resistivity feature.

FRAME MINING CORPORATION

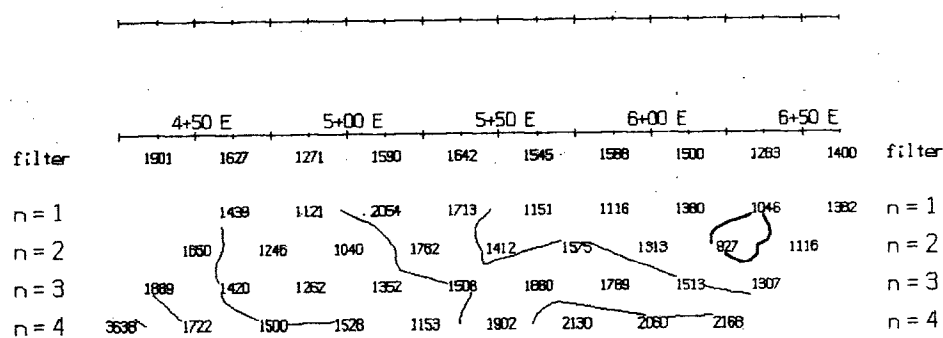
INDUCED POLARIZATION SURVEY
CATFISH PROJECT
LIARD M.D., B.C.

Date: 90/01/30 N.T.S.: 104M/15
Interpretation by: P.E.W.
Scale: 1 : 2500

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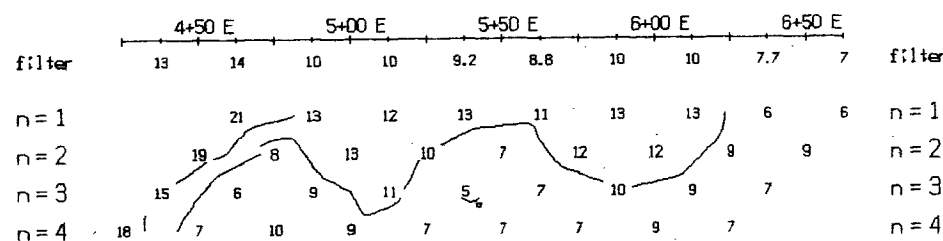
FILTERED PROFILES



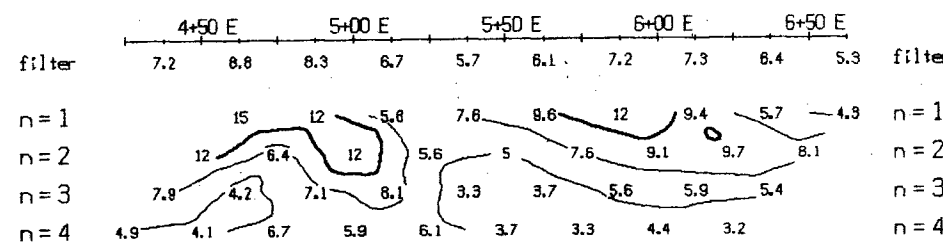
TOPOGRAPHY

RESISTIVITY

(ohm-m)



CHARGEABILITY
(millivoltspervolt)

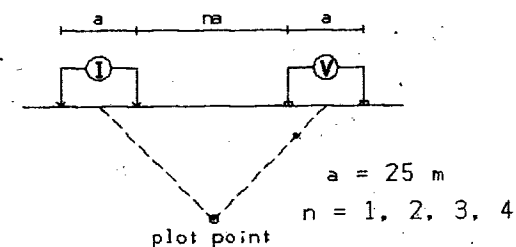


INTERPRETATION

METAL FACTOR
(ip/res * 1000)

Line 0

Dipole-Dipole Array



Filtered Profiles

Resistivity	-----	filter	*
Polarization	—————		**
Metal Factor	- - - - -		***

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

Instrument: EDA IP2 Rx, HUNTEC 2.5kw Tx
Frequency: .125 Hz
Operator: G.M., I.F.

INTERPRETATION

Well defined, strong increase in polarization with or without marked decrease in resistivity.

Fairly well defined moderate increase in polarization.

----- Poorly defined polarization increase.

Resistivity feature.

FRAME MINING CORPORATION

INDUCED POLARIZATION SURVEY

CATFISH PROJECT
LIARD M.D., B.C.

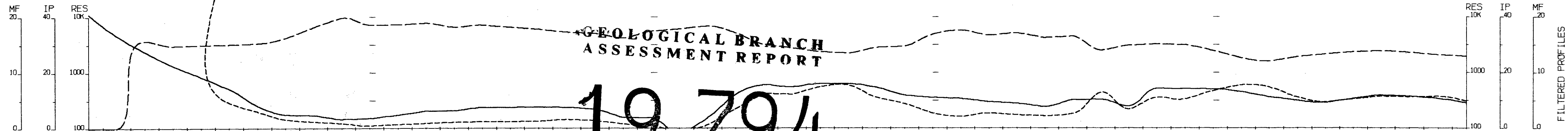
Date: 90/01/30

N.T.S.: 104M/15

Interpretation by: P.E.W.

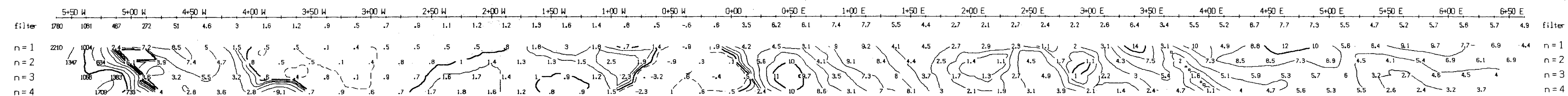
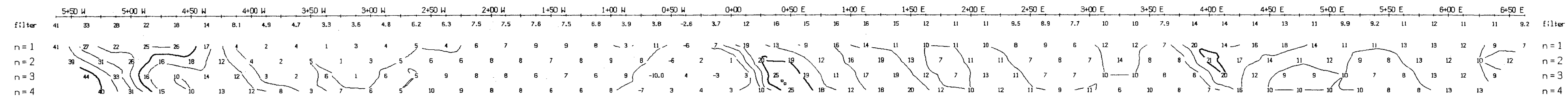
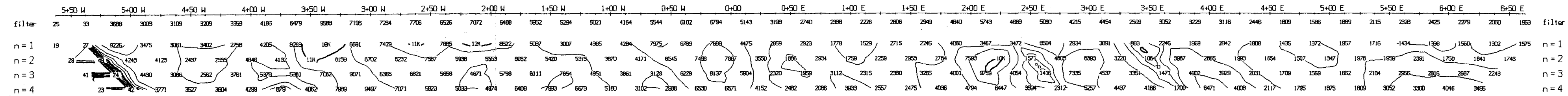
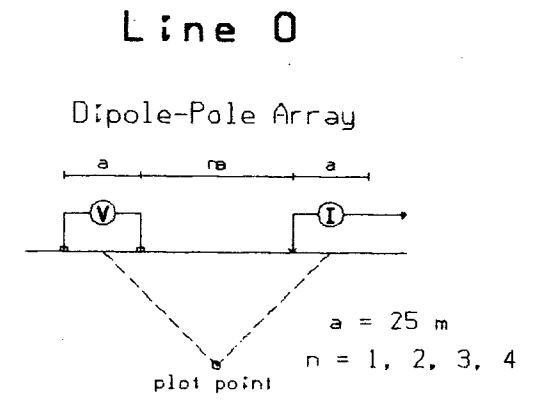
Scale: 1 : 2500

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**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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TOPOGRAPHY

RESISTIVITY

CHARGEABILITY

INTERPRETATION

METAL FACTOR

Filtered Profiles

Resistivity ——— filter *
Polarization ——— **
Metal Factor - - - - - ***

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

Instrument: EDA IP2 Rx, HUNTEC 2.5kw Tx
Frequency: .125 Hz
Operator: G.M., I.F.

INTERPRETATION

Well defined, strong increase in polarization with or without marked decrease in resistivity.

Fairly well defined moderate increase in polarization.

Poorly defined polarization increase.

Resistivity feature.

FRAME MINING CORPORATION

INDUCED POLARIZATION SURVEY

CATFISH PROJECT

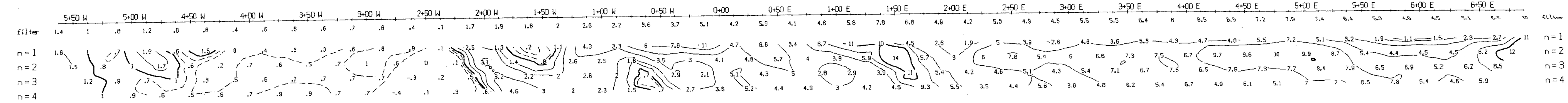
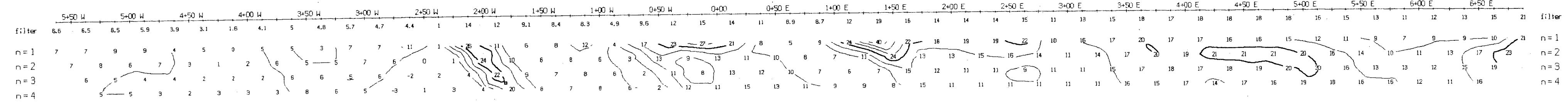
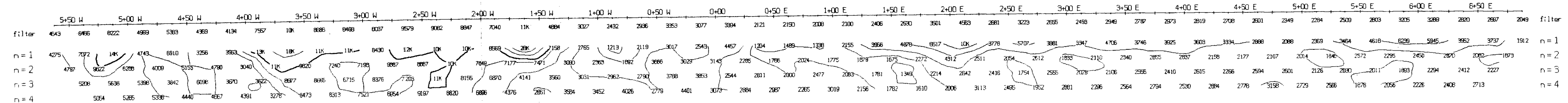
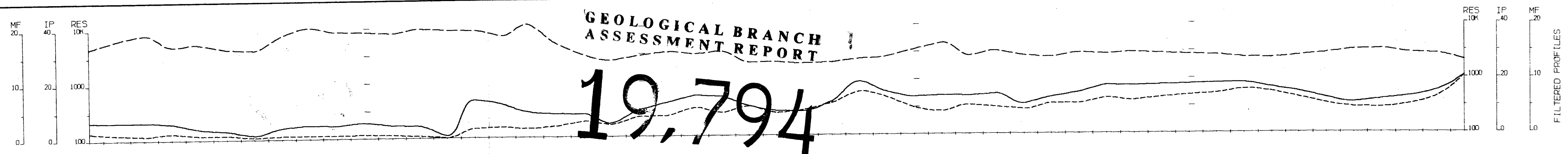
LIARD M.D..B.C.

Date: 90/01/30 N.T.S.: 104M/15
Interpretation by: P.E.W.
Scale: 1 : 2500

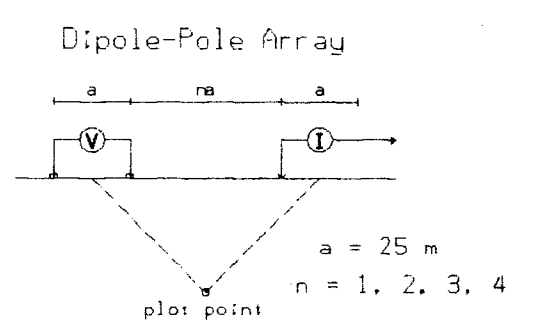
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**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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Line 400 N



Filtered Profiles

Resistivity ——— filter *
Polarization ——— **
Metal Factor - - - - - ***

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

Instrument: EDA IP2 Rx, HUNTEC 2.5kw Tx
Frequency: .125 Hz
Operator: G.M.I.F.

INTERPRETATION

- Well defined, strong increase in polarization with or without marked decrease in resistivity.
 - Fairly well defined moderate increase in polarization.
 - Poorly defined polarization increase.
- Resistivity feature.

FRAME MINING CORPORATION

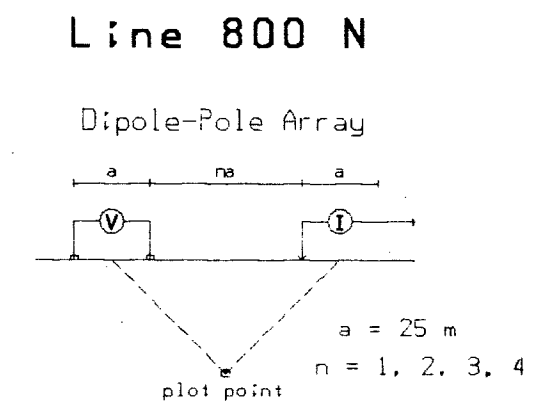
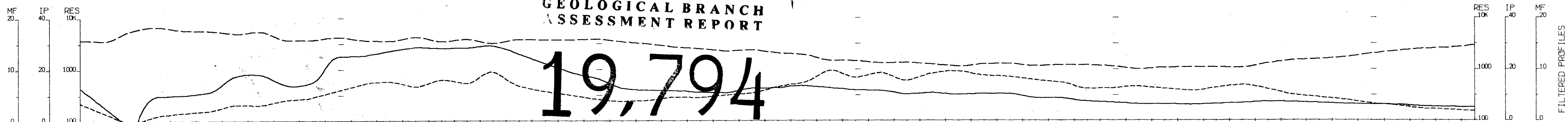
**INDUCED POLARIZATION SURVEY
CATFISH PROJECT
LIARD M.D., B.C.**

Date: 90/01/30 N.T.S.: 104M/15
Interpretation by: P.E.W.
Scale: 1 : 2500

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GEOLOGICAL BRANCH
ASSESSMENT REPORT

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RESISTIVITY (ohm-m)

Filter	3761	3909	5717	6766	9023	9672	5033	5460	3731	3739	4224	3573	3550	4246	3501	3846	3308	3799	3756	3724	3901	3448	3130	2725	2520	2239	2385	2081	1923	1477	1485	1319	1353	1238	1138	1267	1276	1152	1235	1199	1127	1039	1077	1086	1087	1089	1293	1435	1939	1898	1985	2233	2488	2589	2907
n=1	3828	3703	7518	10K	8088	9287	7757	9331	3018	2742	4812	4289	4901	6645	3700	4568	2828	5314	5136	4446	3957	2919	1976	1740	2038	1835	2361	1486	1801	873	1283	1010	1217	917	718	941	911	827	1119	1095	982	859	774	708	746	664	944	1087	1085	1175	1464	1989	1901	2089	
n=2	3180	2890	7417	5854	4624	4501	4720	3748	3023	3719	4008	2426	3615	3731	3389	3601	2328	3777	3464	3651	3650	2908	2743	2553	2355	2119	2450	1812	1601	1174	1381	1219	1273	1009	982	1332	1182	932	1327	1114	986	822	1057	974	895	978	1418	1446	1335	1623	1024	2258	2615	2761	
n=3	3753	3754	7087	5079	3524	4244	3823	4227	3386	4574	2509	2796	3053	4092	3070	3791	2801	3139	3158	4146	4291	3571	3234	2362	2366	2331	2635	1884	1885	1219	1554	1362	1373	1234	1281	1806	1242	1055	1292	1180	1136	1099	1365	1173	1112	1255	1881	1718	1715	2177	2886	2725	3077		
n=4	4667	4142	6888	4287	3446	3629	4247	5232	4948	3803	3468	2851	3383	3857	3438	4016	2577	3037	3241	4131	4851	3941	3180	2276	2510	2375	2652	2100	1861	1308	1700	1435	1614	1500	1574	1869	1446	1022	1404	1377	1389	1267	1632	1428	1506	1616	2116	1982	2144	2727	2978	2972			

CHARGEABILITY (millivoltspervolt)

Filter	13	5	-3	9.7	10	11	17	18	14	15	25	25	27	29	28	28	29	26	22	19	16	13	12	12	11	11	13	13	14	13	12	12	10	11	10	10	10	8.8	8.7	7.5	7	6.4	6.4	6.1	6.5	6.8	7.4	7.2	6.8	6.4	6.2	6.1	5.5	5.3	5.2
n=1	23	15	3	42	31	25	34	37	25	29	52	41	44	46	44	47	50	43	38	30	23	11	11	11	11	12	18	15	15	13	13	14	11	12	10	11	11	8	9	6	6	5	6	6	7	6	6	6	6	6	6	6	5	5	5
n=2	10	-3	-9	12	12	16	12	11	17	33	29	32	34	34	31	34	26	20	20	17	14	10	11	12	11	11	11	11	11	11	11	11	11	10	10	10	10	10	8	8	7	7	6	6	6	6	6	6	6	6	6	6	5	5	5
n=3	-5	-2	-9	-2	6	12	14	7	8	11	12	22	20	20	19	20	13	15	14	12	11	12	10	12	14	14	11	10	11	11	10	10	10	9	8	8	7	7	6	7	6	7	6	7	8	8	7	6	6	6	6	6	5	5	5
n=4	1	-2	-10.0	-10	6	14	12	6	7	8	17	15	19	15	14	13	15	16	13	11	11	9	9	12	13	13	9	9	10	9	9	10	9	9	8	8	7	7	7	7	7	7	7	7	8	8	8	7	6	6	6	6	6	6	6

METAL FACTOR (ip/res * 1000)

Filter	3.5	1.4	-0.6	1	1.6	2	3.2	3.1	4.1	4.6	5.9	7.2	7.6	6.7	8	7.9	9.5	6.8	5.7	5	4.2	3.8	4	4.6	4.5	5	5.4	6.6	7.4	9.7	8.4	9.3	7.8	9.2	9.6	8.8	8.5	7.9	7.4	6.2	6.9	6.6	6.2	5.8	6.4	6.8	6.1	5	4.5	4	3.3	2.9	2.8	2.4	2.4
n=1	6	4.1	-4	4.2	3.8	2.7	4.4	4	6.3	-11	11	9.6	9	-6.9	12	10	17	8.1	7.4	6.7	5.8	4.7	5.6	6.9	5.2	6.4	7.6	10	9.4	15	10	14	9	19	14	12	12	8.7	8	5.5	6.2	7.6	7.8	7.1	8	9	7.4	5.5	5.5	5.1	4.1	3.9	2.8	2.4	
n=2	3.1	-1	-1.2	2	1.5	2.7	3.4	3.2	3.5	4.6	8.2	12	8.9	9.1	10	8.6	12	6.9	5.8	4.9	3.5	3.4	4	5.2	4.7	5.2	5.3	7.7	9.4	10	8.6	9	8.6	11	10	9	8.4	8.9	6.8	6.3	7.2	7.3	5.7	6.2	7.9	8	5.7	4.8	4.3	3.7	3	2.7	1.9	1.8	
n=3	-1.3	-0.5	-1.3	-4	1.7	2.8	3.7	1.7	2	2.4	7.6	7.1	6.5	5.4	6.5	5	7.1	4.1	3.8	3.6	3.3	3.4	3.4	5.1	4.2	4.3	4.6	7.4	7.4	9	6.4	8.1	6.6	8.9	7.8	6.2	7.2	7.5	6.2	5.9	6.2	5.8	5.2	5.1	6.3	6.4	4.3	4.1	3.5	2.8	2.2	2.2	1.6		
n=4	0.2	-0.5	-1.5	2.3	2.3	3.9	2.8	1.1	1.4	2	4.9	5.7	3.8	3.9	4.1	3.2	5.8	3.9	4	3.6	3.3	3.3	3.5	4.8	3.6	3.8	4.5	6.2	7	6.9	5.3	6.9	5.6	7.2	5.7	6	6.2	7.8	6.4	5.1	5	5.5	4.3	4.9	4.6	5	3.8	4	3.3	2.2	2	2	2		

TOPOGRAPHY

RESISTIVITY

CHARGEABILITY

INTERPRETATION

METAL FACTOR

Filtered Profiles

Resistivity --- filter
Polarization - - - *
Metal Factor - - - * * *

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

Instrument: EDA IP2 Rx, HUNTEC 2.5kw Tx
Frequency: .125 Hz
Operator: G.M., I.F.

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Resistivity feature.

FRAME MINING CORPORATION

INDUCED POLARIZATION SURVEY
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LIARD M.D., B.C.

Date: 90/01/30 N.T.S.: 104M/15

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