

ARIS SUMMARY SHEET

District Geologist, Kamloops

Off Confidential: 90.05.12

ASSESSMENT REPORT 18724

MINING DIVISION: Nicola

PROPERTY: Flap  
 LOCATION: LAT 50 02 30 LONG 119 50 00  
 UTM 11 5546890 297126  
 NTS 082L04W

CLAIM(S): Flap 1-2  
 OPERATOR(S): Rea Gold  
 AUTHOR(S): Medford, G.A.  
 REPORT YEAR: 1988, 59 Pages

COMMODITIES  
 SEARCHED FOR: Gold, Silver  
 KEYWORDS: Paleozoic, Thompson Assemblage, Argillites, Volcaniclastics, Limestone  
 Polyphase deformation, Tertiary, Feldspar porphyry, Quartz stringers  
 Pyrite, Gold

WORK  
 DONE: Geological, Geophysical, Geochemical, Physical  
 EMGR 18.9 km;HL  
 GEOL 350.0 ha  
 Map(s) - 1; Scale(s) - 1:5000  
 IPOL 16.8 km  
 Map(s) - 4; Scale(s) - 1:5000, 1:2000  
 LINE 16.8 km  
 MAGG 49.5 km  
 Map(s) - 1; Scale(s) - 1:5000  
 ROCK 132 sample(s) ;ME  
 SOIL 384 sample(s) ;ME  
 Map(s) - 1; Scale(s) - 1:5000  
 MINFILE: 082LSW

FILMED

LOG NO: 0515	RD.
ACTION:	
FILE NO:	

Geological, Geochemical and Geophysical Survey

of the

Flap 1 and 2 Claims

Phase 2 Program

Nicola & Vernon Mining Divisions

82L4E and 4W

50° 04'N 119° 50'W

for

REA GOLD CORPORATION  
536 - 999 Canada Place  
Vancouver, British Columbia  
V6C 3E1  
(Owners and Operators)

by

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December 1988

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VANCOUVER, B.C.

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

18,724

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## SUMMARY

Detailed follow up of Phase I soil gold anomalies on the Flap 1 and 2 claims using mapping, prospecting rock sampling and geophysics (E.M., I.P. and magnetics) has resulted in the discovery of two distinct gold mineralized environments. Firstly, a Paleozoic (?) volcanoclastic exhalative horizon, over two kilometres in strike length and 10 metres or so thick, has been located with samples reporting up to 550 ppb gold. This horizon can be traced using zinc, copper, lead and barium geochemistry. Secondly, a quartz stringer zone reporting assays of up to .77 oz/ton has been found developed over a radius of 100 m and associated with a Tertiary quartz feldspar porphyry.

Additional mapping, soil sampling, and trenching is recommended to further evaluate the mineralization.

## INTRODUCTION

The Flap claims are located within the Okanagan Batholith, a large body of intrusive granodiorite and quartz monzonite found west of Okanagan Lake. In the 1960's and late 1970's, the area was the focus of extensive exploration for porphyry copper and molybdenum mineralization. The Flap claims are located just west of a significant molybdenum-bearing quartz monzonite explored by Cominco Ltd. (Dobbin Property, Tad 1-6 claims, now Tad 23 claim). The ground was staked in the anticipation that the molybdenum-gold association noted in many geological environments would enhance the potential for finding a gold deposit on these claims. In addition, the discovery of significant epithermal gold mineralization associated with shear zones in the Batholith (the Brett claims, some eight miles to the north) contributed further to the potential of the claims.

The excellent access provided by recent logging in the area allowed a large reconnaissance soil grid to be established (Medford, 1988). As a result of this work, several soil-gold anomalies were found early in the Phase 1 program on the Flap 1 and 2 claims and hence the follow-up program described in this report was undertaken. This work has led to the discovery of two separate mineralized environments, a quartz stringer (stockwork) zone with quartz vein assays as high as .77 oz/ton, and a volcaniclastic exhalative horizon with anomalous gold up to 550 ppb.

## LOCATION, ACCESS & TOPOGRAPHY

The Flap claims are located west of Kelowna, British Columbia (Figure 1) and can be accessed by using the Bear Lake Main and then either the Esperon or Whiterocks Main logging roads. The claims are approximately 45 km by road from downtown Kelowna and can be reached in about one hour.

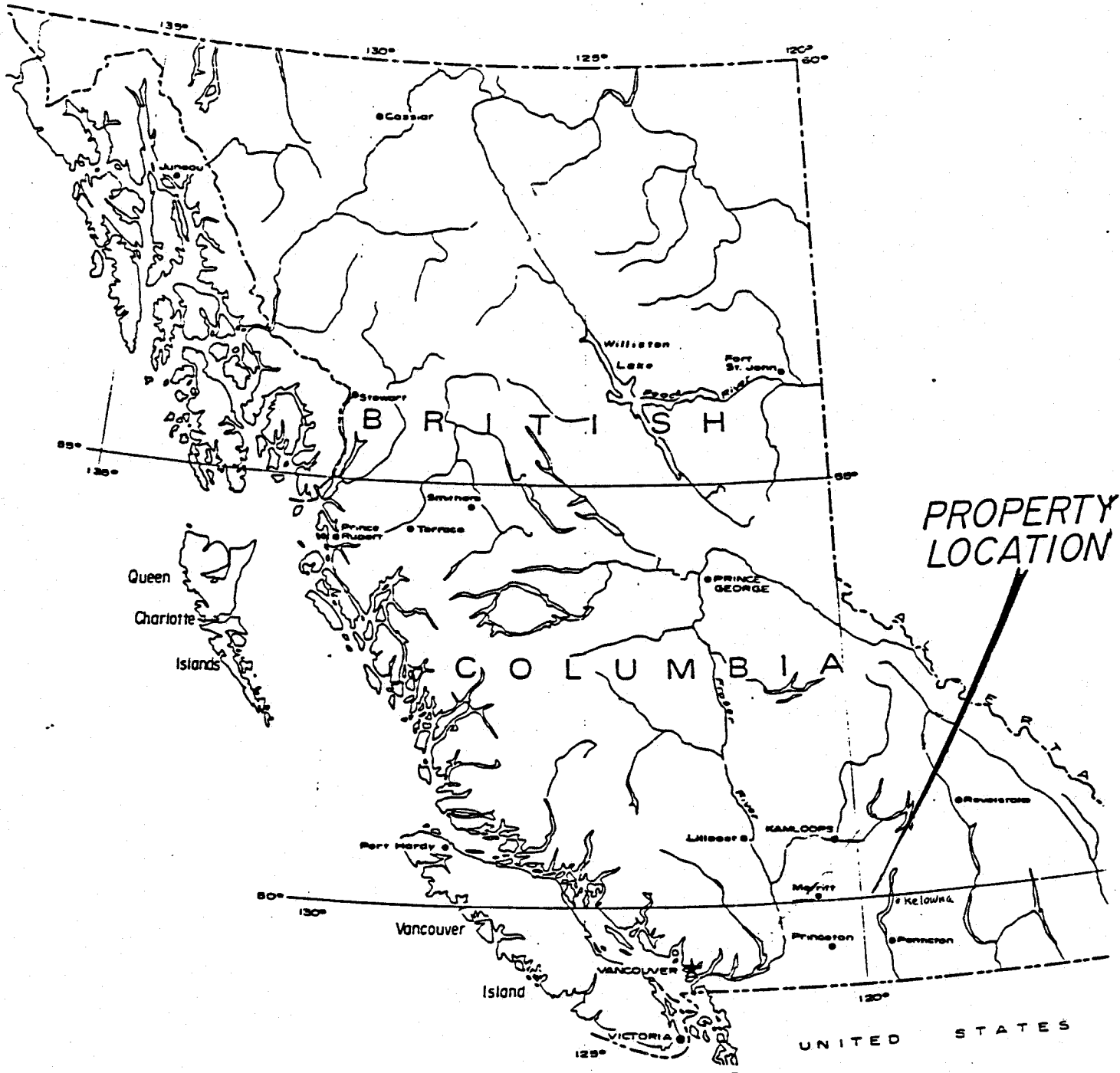
The property is found at an elevation of around 1550 metres (5100 feet) and is usually snow-free from mid-May until mid-October. The claims cover a plateau with a relief of about 100 metres (300 feet). The area is half clear-cut logged and otherwise densely covered with timber.

## CLAIMS

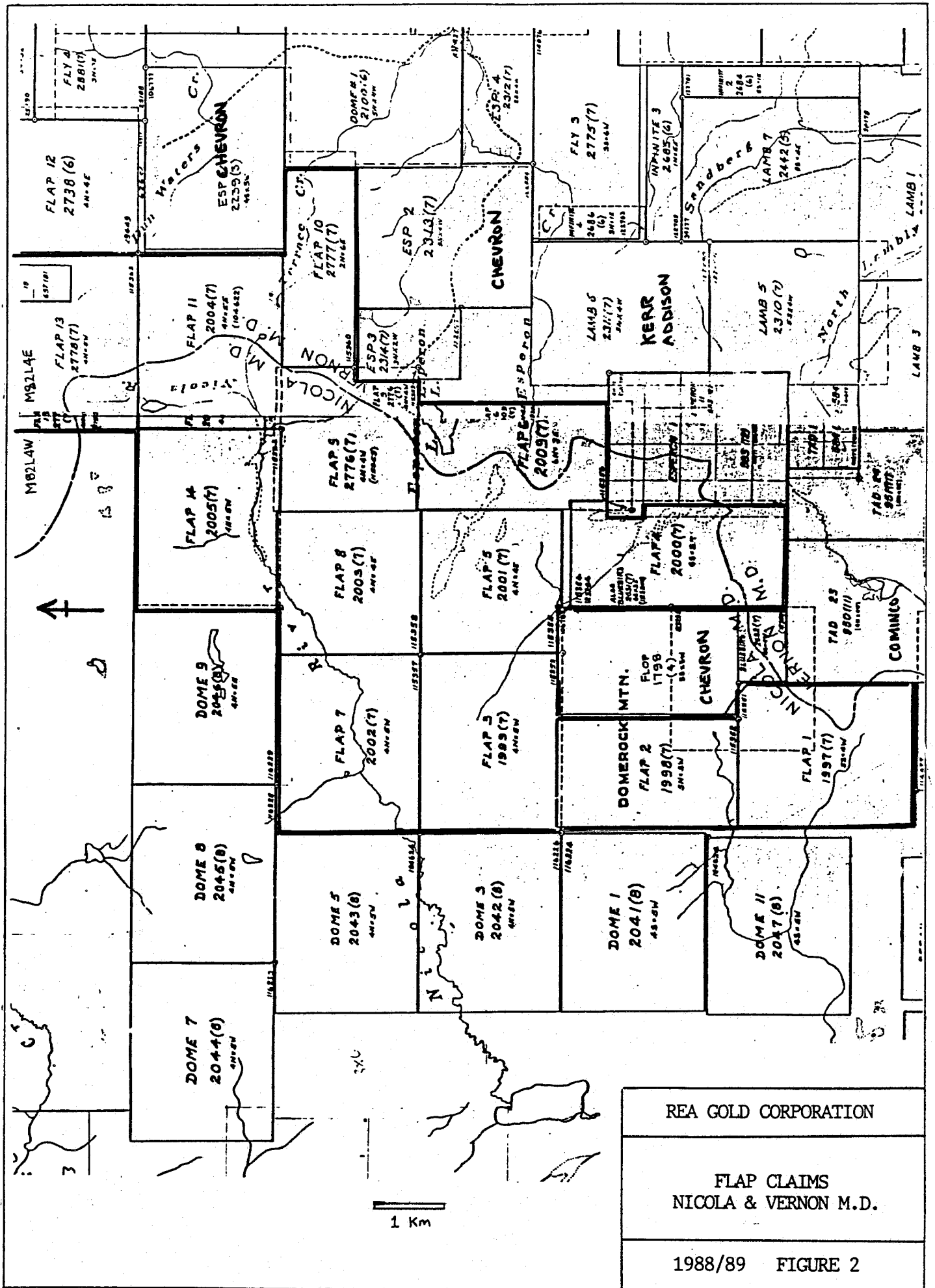
The Flap 1 and 2 claims are part of a larger property for which government records show the following (Figure 2):

<u>Claim</u>	<u>Record Number</u>	<u>Mining Division</u>	<u>Units</u>	<u>Expiry Date</u>
Flap 1	1997(7)	Nicola	20	4 July 89
Flap 2	1998(7)	Nicola	15	4 July 89
Flap 3	1999(7)	Nicola	20	4 July 89
Flap 4	2000(7)	Nicola	18	4 July 89
Flap 5	2001(7)	Nicola	16	4 July 89
Flap 6	2009(7)	Nicola	18	5 July 89
Flap 7	2002(7)	Nicola	20	4 July 89
Flap 8	2003(7)	Nicola	16	4 July 89
Flap 9	2776(7)	Vernon	16	4 July 89
Flap 10	2777(7)	Vernon	12	4 July 89
Flap 11	2004(7)	Nicola	20	4 July 89
Flap 13	2778(7)	Vernon	20	4 July 89
Flap 14	2005(7)	Nicola	20	4 July 89

The registered owner is Rea Gold Corporation which owns a 100 percent interest subject to a 2% Net Smelter Royalty.



REA GOLD CORPORATION	
FLAP PROJECT Nicola & Vernon M.D.	
1988/89	FIGURE 1



REA GOLD CORPORATION

FLAP CLAIMS  
NICOLA & VERNON M.D.

1988/89 FIGURE 2



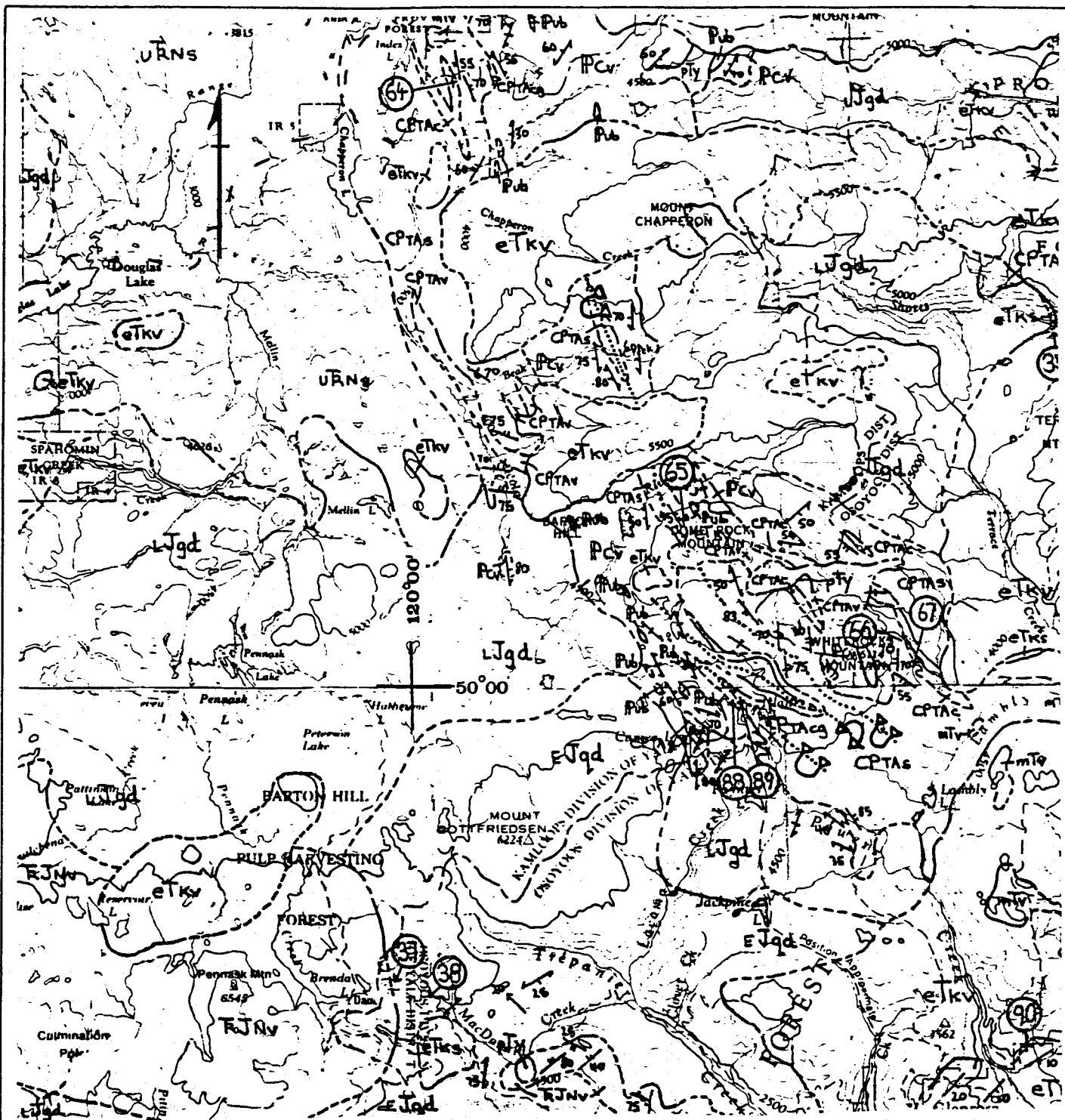
## REGIONAL GEOLOGY AND MINERALIZATION

The area covered by the claims is part of the Jurassic Okanagan Batholith which consists of various granitic rocks, mostly granodiorite and granodioritic gneisses. The Batholith encloses inliers (roof pendants) of highly deformed sediments and volcanics with a structural trend of approximately 150° (Figure 3). The above units occupy the southwest portion of the claims and comprise argillites, limestones and volcanoclastic andesites. These lithologies form part of the (Cache Creek) Thompson Assemblage and Chapperon group according to Okulitch (1980) but may also be, in part, Nicola. No detailed mapping of the area has been carried out.

The Batholith and various inliers have subsequently been intruded by slightly younger quartz monzonites which have associated quartz veining and molybdenum porphyry mineralization such as that found on the Tad 23 claim adjoining the Flap claims on the east (Osatenko, 1977). Following the above episode was a period of Tertiary plutonism resulting in plugs and stocks of monzonites, syenites and quartz-feldspar porphyries. This latter event is associated with epithermal gold mineralization such as on the Brett claims (Lacana-Huntington), several miles to the North. Many unmapped intrusive bodies are present in the region, hence the associated gold mineralization potential of the area has not been assessed. The extrusive equivalents of these stocks are scattered on the hilltops throughout the area and are shown on various maps (Okulitch 1980, Jones 1959).

## PREVIOUS WORK

There is no evidence of previous work on the property prior to the 1988 Phase 1 program (Medford, 1988) and no assessment reports have been filed. The eastern edges of the claims have received some attention by Cominco Ltd. during their porphyry molybdenum exploration, 1977-1981, but very little attention was paid to most of the ground now covered by the Flap claims.



AFTER. A.V. OKULITCH G.S.C. OPENFILE 637

TERTIARY (KAMLOOPS GROUP)

- eTKV : andesite, basalt, dacite, trachyte flows, tuff agglomerate
- eTKs : sandstone, conglomerate, tuff, arkose

JURASSIC (OKANAGAN BATHOLITH)

- L Jgd : granodiorite, diorite
- E Jgd : quartz diorite, granodiorite, gabbro

LOWER JURASSIC, TRIASSIC (NICOLA)

- R Jdv : andesite, basalt flows; breccia, tuff, agglomerate, argillite, limestone

PALEOZOIC (THOMPSON ASSEMBLAGE)

- CPTAS: siliceous argillite, volcano-clastic sandstone, siltstone, limestone
- CPTAC: Massive limestone, argillaceous limestone, chert, chert pebble congl.
- CPTACg: Conglomerate with limestone matrix
- CPTAV: greenstone, tuff.

REA GOLD CORPORATION
GEOLOGY
DOMEROCK MIN. AREA
FLAP CLAIMS
1988/89 FIGURE 3

## WORK PROGRAM

Field work was carried out between 13 September and 17 October, 1988 by Guinet Management Inc. under the author's supervision. The program consisted of mapping at a scale of 1:5000, rock sampling and prospecting. An Induced Polarization Survey (16.78 km) was carried out by Scott Geophysics Ltd. A total-field magnetometer survey (49.5 km) and a Scintrex SE-88 E.M. survey (18.90 km) were also completed. Linecutting and clearing (16.78 km) was done to accommodate the I.P. work.

Selected soil lines from the Phase I program were rerun for ten elements (I.C.P.) and mercury (A.A.). Certificates for this work as well as rock analyses for gold, silver and rock-I.C.P. scans are reproduced in Appendix 1. Rock descriptions are included in Appendix 1 as well. E.M. survey data, plotted in sections for selected lines, is given in Appendix 2 along with an I.P. survey report by Alan Scott, geophysicist. Magnetometer measurements are plotted on Map 3. Minimal drift was noted in the survey and no corrections were applied to the results.

## GEOLOGY

Most of the claims consist of a package of complexly deformed argillites, limestones and andesitic volcanics. The lithologies strike approximately  $150^{\circ}$  and dip steeply to the west ( $60-70^{\circ}$ ). On the east edge of Flap 1, the units are intruded by granodiorites and quartz monzonites of the Okanagan Batholith. A significant molybdenum-bearing intrusion has been extensively explored just east of this contact (Osatenko, 1977) and is dated at 147 million years old. Various small dikes and pods of similar igneous rock are found crossing the Flap 1 claim and these are commonly elevated in Mo. A large diorite intrusion is found at the southwest corner of Flap 1 and is probably coeval with the Okanagan Batholith. Several small dikes and stocks, outliers of this main diorite body, are scattered throughout the claims.

The area as a whole is quite sulphide-rich, commonly with 5% or more secondary pyrite. This accounts for the very high chargeability anomalies obtained with the I.P. survey (Plate 1, Sections 1, 2, 3). The survey tends to mimic effectively changes in

geology across the property. Traversing the property from east to west one first encounters a predominantly sulphide-rich argillite that contains some volcanoclastic andesite (amphibolite). One such volcanic horizon, usually around 10 m thick, has yielded many samples anomalous in gold and can be traced geochemically using zinc in soils (Map 2) as well as copper, barium and lead. This unit is frequently gossanous quite silicified and it is best exposed around 75N 93E and 55N 104E. The horizon warrants much further exploration and tracing along strike.

Moving westward, the chargeability declines somewhat in an area believed to be underlain predominantly by limestones and siltstones, then rises again over a mixed volcanoclastic (agglomeritic), metapelitic unit hosting, at the south end of the Flap 1, a large number of gold-bearing quartz veins (5 cm or so wide) with assays up to .77 oz/ton. Areas of quartz streaming, parallel to bedding in most cases, have been observed but could not be investigated thoroughly as heavy snow blanketed the area before the gold assays were received from the laboratory. In the vicinity of these veins, small grey quartz-feldspar porphyry (probably monzonitic) bodies are found intimately intruding the agglomeritic unit and possibly associated with the quartz veining. The porphyry is most likely Tertiary and its probable extrusive equivalent is found overlying Tertiary gravels just northwest of this claim.

A final 250 m wide northwest trending band of high chargeability on the west side of Flap 1 is caused by more pyritic argillites and siltstones (see Map 1).

### GEOCHEMISTRY

Using soils collected from the Phase 1 program, several lines were run for Mo, Cu, Pb, Zn, Ag, As, Sb, Bi, Ba, W, and Hg (Data in Appendix 1). All data was plotted from which it was determined that Zn and Cu could best be used to trace the gold-enriched volcanic horizon and, to a lesser extent, so could Ba and Pb. High Mo was restricted to the large intrusive to the east and small related bodies on the Flap 1 claim. No useful patterns could be derived from the other elements. The quartz-stockwork area seems to be devoid of any significant geochemical signature.

Map 2 presents the zinc-soil results as well as the results of the rock-sampling program. The soil-gold results from the Phase 1 work are plotted on Map 2 where greater than 10 ppb. It can be seen that despite frequent substantial gold assays from the quartz veins in the south part of Flap 1, the soil results are quite subdued. With this knowledge, the other anomalous soil samples on the claims should be investigated thoroughly. It is possible that coarse gold is being screened out using -80 mesh. From the Phase I work, 20 g cuts were used for analysis on the even-numbered lines and 10 g cuts on the other lines. Higher gold results seem to occur more frequently on the even lines (larger cuts) thus hinting at particulate gold dispersion in the samples.

## GEOPHYSICS

### Magnetometer Survey:

This survey outlines the trend of the lithologic units and exhibits a number of small dipoles (Map 3) which probably reflect small pyrrhotite concentrations. No major dipole trends that might be associated with skarn mineralization in the central limestone area of the Flap 1 are present.

### E.M. (SE-88 Scintrex):

A survey was carried out on even numbered lines spaced 400 m apart, in most cases, on the Flap 1 and 2 claims. No significant conductors were located and any small conductors that were found related to observable (wet) shear zones or graphite. Although the claims are quite sulphide-enriched, most of this material must be disseminated.

Cross sections plotted from the field data along with survey parameters are given in Appendix 2.

### I.P. Survey:

Elevated chargeability, as discussed in the Geology section, seems to correlate with pyritic argillites and volcanoclastics and serves to outline effectively this

geology. Where soil-gold anomalies can be developed and correlate with the strong chargeability, the survey will be useful for drill-target selection. On this basis, one should investigate the chargeability anomaly (Plan 1) extending northwest from 60N 90E where associated with anomalous gold soil geochemistry, Map 2. This anomaly may be an extension of the anomaly at 54N 91+50E which is developed in the area of gold-bearing quartz veins.

A report on the survey parameters by Alan Scott, geophysicist, is given in Appendix 2. Chargeability and resistivity plans are shown in Plate 1 (pocket) along with Sections 1, 2 and 3 containing pseudosections for the survey.

## CONCLUSIONS AND RECOMMENDATIONS

Two important gold environments have been identified on the Flap 1 and 2 claims. The first is a (Paleozoic) conformable, volcanogenic, exhalative horizon, associated with gossanous zones, and developed over a strike-length of over two kilometres. It is generally 10 metres or so thick where exposed and rock samples from this horizon have reported up to 550 ppb gold enrichment. The second situation is a quartz stringer zone (stockwork) developed within Paleozoic volcanoclastics but associated with a Tertiary grey feldspar porphyry. Here assays of up to .77 oz per ton gold have been obtained from the quartz veins.

The soil gold anomalies associated with the quartz veining are somewhat subdued and hence a geochemical orientation study is recommended to determine if a better sampling-analytical routine can be devised. Subsequently, detailed grid soil work should be carried out over the stringer zone and over areas of similar geology along strike within the volcanoclastic (agglomerate) unit which contains the quartz veins. Trenching should then be used to determine any preferred orientation of the quartz veining. The exhalative unit should be investigated by additional detailed mapping, prospecting, trenching and soil work. Examination of this horizon beyond its known strike extension should be a high priority. Copper-zinc soil geochemistry should be employed to this end.

The volcanic-sedimentary package hosting the above mineralization extends northwesterly and southeasterly beyond the Flap claims. Additional ground should be acquired and explored employing the techniques and knowledge gained from work on these claims.

## REFERENCES AND BIBLIOGRAPHY

Jones, A.G., 1959, Vernon Map-Area, British Columbia. G.S.C. Memoir 296.

Medford, G.A., 1988, Geochemical Reconnaissance of the Flap 1-11, 13, 14 Claims, Phase 1 Program for Rea Gold Corporation.

Okulitch, A.V., 1980, G.S.C. Open file 637. Thompson-Shuswap-Okanagan Compilation.

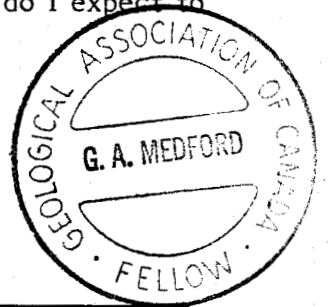
Osatenko, M.J., 1977, Geological, Stream, Silt and Soil Geochemical and Ground Magnetic Work on the Dobbin Property (Tad 1-6 claims), Tadpole Lake Area, A.R. 6732.




CERTIFICATE

I, Gary A. Medford, with business address at 3894 West 37th Avenue, Vancouver, British Columbia, do hereby certify that:

- 1) I am a consulting geologist and have been engaged in my profession for over 15 years.
- 2) I am a graduate of McGill University with B.Sc. Honours (1968) and M.Sc. (1970) degrees in geology, and have graduated from The University of British Columbia with a Ph.D. (1976) in geology.
- 3) I am a Fellow of the Geological Association of Canada.
- 4) I have a one percent net smelter royalty in the Flap claims.
- 5) I have no interest in the securities of Rea Gold Corporation nor do I expect to receive any.



  
Gary A. Medford, Ph.D., F.G.A.C.



APPENDIX 1

COMPANY: REAGOLD  
 PROJECT NO: FLAP  
 ATTENTION: G. MEDFORD

MIN-EN LABS ICP REPORT  
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
 (604) 980-5814 OR (604) 988-4524

(ACT:F31) PAGE 1 OF 3  
 FILE NO: 8-1850R/P1  
 DATE: OCTOBER 20, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
R91	.1	330	1	1	1	1.2	5	47940	1.7	2	296	127200
R93	.8	6520	5	1	470	.8	6	17120	.2	3	171	66890
R95	.8	3690	6	1	58	.5	12	6540	1.0	2	106	88320
R97	.8	28740	9	1	164	.7	9	17620	1.4	11	12	74120
R99	2.4	17070	9	2	29	1.0	17	19430	2.4	35	148	33600
R101	.7	15470	1174	1	35	.1	5	24720	5.6	13	98	107210
R103	1.0	19770	130	1	119	1.3	5	16110	.3	12	12	115880
R105	.7	4850	203	1	81	.3	5	7160	2.3	4	60	72940
R107	.4	3970	40	1	81	.3	4	11430	2.2	6	34	30180
R164	1.5	38380	40	1	150	.6	12	26910	.5	27	54	35130
R166	.8	8770	36	1	30	2.5	4	9830	.8	2	8	253720
R168	1.3	4670	4	1	54	1.1	5	53970	.7	6	339	117930
R170	1.2	19600	30	1	85	.9	7	13080	2.3	9	52	27280
R172	1.8	47340	31	2	447	.8	13	25740	1.3	34	80	54030
R174	1.5	8200	1	1	13	1.3	8	92500	.1	10	264	108330
R176	.6	3790	9	1	29	.5	6	1800	2.9	6	14	10670
R178	.4	6020	1	1	121	.9	4	19520	2.0	7	22	22490

- R91: 74+90N93E .. gossanous andesite in amphibolite package, very magnetic
- R93: 75+40N 92+50E. Siliceous zone with amphibolite 1-3% pyrite, non-magnetic
- R95: 73+25N 94E . Andesite 7-9% Cpy, sphal., very gossanous, 3-4 m width, not all exposed
- R97: 74N 94E . Amphibolite and andesite, very gossanous, 3-5% pyrite
- R99: 67N 95E . Andesitic with 1-3% Pyrite, weakly bleached
- R101: 76N 92+50E . Andesite with wispy argillite, 5-7% Py, Po dissem., <1% Cpy
- R103: 77N 91+50E . Gossanous road cut. Siliceous cherty argillite with amphibolite lenses to 20 cm. 1-3% Py with semi-massive amounts to 10-15% locally. Total sulphides in sample 5-7%
- R105: 77N 92+50E . as above, more amphibolite, greater at veining + silicification, 5-7% Py, Po
- R107: 77N 99+50E . at vein only 1% Py, Po
- R164: 7560N 9315E . Dark coloured mafic volcanic, pyritic
- R166: 75N 9220E . Silicified gossan, 40% pyrite, need plugger to sample properly
- R168: 75N 9220E (35m 160° from 166) as above
- R170: 74N 9325E . Siliceous pyritic rock
- R172: 68N 9550E (75m N) as in R166
- R174: 68N 9550E float (6m W of R172) Siliceous pyritic rock
- R176: 153E 61N . pegmatite

COMPANY: REAGOLD  
PROJECT NO: FLAP  
ATTENTION: G. MEDFORD

MIN-EN LABS ICP REPORT  
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
(604)980-5814 OR (604)988-4524

(ACT:F31) PAGE 2 OF 3  
FILE NO: 8-1850R/P1  
DATE: OCTOBER 20, 1988

(VALUES IN PPM )	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
R91	320	3	880	96	1	70	1	26550	6	1	15	1
R93	2070	4	1660	21	7	310	2	8040	14	1	18	1
R95	630	4	910	44	1	310	11	610	6	1	4	1
R97	3290	12	9430	220	6	1310	28	1890	16	1	9	1
R99	1200	16	6220	241	7	890	21	1180	18	1	16	1
R101	550	8	5350	86	3	460	43	8140	7	1	16	1
R103	2080	12	10480	155	5	490	76	5350	12	1	10	1
R105	730	4	1960	112	2	220	23	2410	14	1	6	1
R107	570	4	2740	105	4	170	25	2410	12	1	11	1
R164	1940	8	6570	275	4	4130	19	850	21	6	28	1
R166	390	6	3110	22	3	140	13	4340	25	3	13	1
R168	590	5	1840	163	3	290	45	26670	16	1	29	1
R170	1930	9	4090	89	7	1960	23	1100	33	1	51	1
R172	9400	15	13570	324	4	5540	31	2610	28	9	41	1
R174	440	5	2430	84	5	500	89	50140	7	1	78	1
R176	2260	17	1880	212	4	540	8	560	24	1	8	4
R178	2890	8	880	976	4	280	14	3840	33	1	42	1

COMPANY: REAGOLD  
PROJECT NO: FLAP  
ATTENTION: G.MEDFORD

MIN-EN LABS ICP REPORT  
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
(604)980-5814 OR (604)988-4524

(ACT:F31) PAGE 3 OF 3  
FILE NO: 8-1850R/P1  
DATE: OCTOBER 20, 1988

(VALUES IN PPM )	U	V	ZN	GA	SN	W	CR	AU-PPB
R91	1	215.0	49	1	1	1	60	135
R93	1	356.2	35	1	1	6	248	43
R95	1	94.6	36	1	1	1	123	300
R97	1	134.7	101	2	2	6	219	6
R99	1	77.2	29	4	4	1	85	2
R101	1	218.2	132	1	1	1	153	7
R103	1	156.9	99	1	3	3	161	41
R105	1	243.3	67	1	1	6	258	2
R107	1	43.4	30	1	1	8	316	20
R164	1	151.5	45	5	5	3	143	1
R166	1	333.9	88	3	1	1	115	230
R168	1	145.7	35	1	1	1	82	32
R170	1	101.8	92	3	2	7	244	2
R172	1	179.2	64	7	5	4	169	1
R174	1	136.6	58	1	1	1	89	61
R176	2	14.9	22	3	1	4	190	1
R178	1	11.8	51	1	1	1	93	1

COMPANY: REA GOLD  
 PROJECT NO: FLAP  
 ATTENTION: G. MEDFORD

MIN-EN LABS ICP REPORT  
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
 (604)980-5814 OR (604)988-4524 \* TYPE ROCK GEOCHEM \*

(ACT:F31) PAGE 1 OF 3  
 FILE NO: 8-1817/P2  
 DATE: OCTOBER 21, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
R65	54.5	490	8	1	20	.4	7	630	3.2	5	16	3560
R67	1.2	140	9	1	5	.3	5	4070	3.0	4	14	2890
R69	.8	8480	9	1	90	.5	7	6000	2.6	8	7	16430
R71	.8	9720	1	1	54	.6	14	63700	2.8	18	36	25100
R73	1.6	13200	11	1	113	.8	12	4480	4.0	13	40	36390
R75	1.6	9300	3	1	72	.8	11	8530	3.7	22	72	28290
R85	.7	1440	1	1	431	.6	6	1550	11.8	12	38	20000
R89	.3	1430	8	1	23	.4	6	3410	3.4	6	19	9680
R126	3.3	33850	4	1	475	.7	25	10120	2.6	36	9	59580
R128	.2	2120	8	1	29	.5	5	2230	3.1	6	8	11170
R130	3.9	35470	18	1	841	.8	27	8600	.9	37	8	66360
R132	1.6	20730	10	1	252	.7	15	9090	2.9	18	8	32800
R134	1.81 <sup>0.2</sup> → 64.8	1020	8	1	47	.5	155	6380	5.0	5	17	18260
R136	1.6	9010	22	1	262	1.4	12	1030	4.5	9	19	29940
R138	1.3	9830	14	1	284	.6	10	1000	3.5	6	9	23520
R140	1.4	15360	10	1	255	.8	12	5530	4.3	14	14	24280
R142	.6	8120	5	1	60	.8	8	19930	2.6	6	54	47230
R148	.7	3430	11	1	136	.4	9	640	3.8	7	18	20170
R156	1.2	13160	12	1	83	.7	11	5400	2.7	13	10	26100
R158	.8	13320	1	1	52	.6	8	3330	2.7	16	139	51100
R162	.8	6320	2	1	95	.5	9	3310	2.5	10	35	15670

- R 65: 9150E 52N : Qt float, minor limonite  
 R 67: 9380E 52N : Qt vein, 25cm wide, minor limonite + minor vugs  
 R 69: 9875E 5220N: granite dike, minor qt lenses, 1% disseminated py and up to 3% in 3cm veins, 1-3% py overall  
 R 71: 9875E 52N: very vuggy calcareous rock-red brown hematite stain (float)  
 R 73: 99E 5390N: cherty sed. with 1-2% f.g. py, po, 2cm qt lens, road cut  
 R 75: 10250E 5330N: fractured f.g. diorite, minor py + vein qt.  
 R 85: 10350E 5310N: chert (quartzite), 3-5% py  
 R 89: 103E 5450N : gossanous siltstone with 10cm qt. lenses < 1% py  
 R 126: 93E 55N : Qtz - pyritic  
 R 128: 93E 55N : Qtz - pyritic, 30cm vein  
 R 130: 98E 54N : Breccia?, intrusive feldspar porphyry  
 R 132: 9850E 54N : feldspar porphyry  
 R 134: 9750E 54N : 20 cm wide north-south quartz vein, galena, py 3%  
 R 136: 99E 55N : cherty sediment, pyritic (30m S)  
 R 138: 103E 54N : Light coloured gossanous, pyritic (30m ESE)  
 R 140: 10350 54N : gneiss-like dike  
 R 142: 104E 5455N : chert, dissem. pyrite  
 R 144: 10325, 5475N: brittle, Fe-rich dark, med. grained rock  
 R 146: 103E 56N : siliceous, hematite-py volc? rock (50m S)  
 R 148: 104E 5260N: Lt. coloured cherty hematite-rich etc.  
 R 156: 104E 58N : coarse grained intrusive dike, qt-rich, minor pyrite  
 R 158: 1032E 59N: siliceous band in sediments.  
 R 162: 4775E 58N: pyritic intrusive

COMPANY: REA GOLD  
PROJECT NO: FLAP  
ATTENTION: G. MEDFORD

MIN-EN LABS ICP REPORT  
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(ACT:F31) PAGE 2 OF 3  
FILE NO: 8-1817/P2  
DATE: OCTOBER 21, 1988

(604) 980-5814 OR (604) 988-4524 \* TYPE ROCK GEDCHEM \*

(VALUES IN PPM )	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
R65	230	4	760	63	30	170	10	120	14	1	7	1
R67	220	3	400	66	4	70	11	90	43	1	23	1
R69	2110	9	5480	246	6	780	15	570	25	2	16	1
R71	800	10	3270	352	3	1510	12	690	13	3	20	1
R73	1180	13	12510	451	8	520	23	820	30	3	12	2
R75	1510	7	10070	384	5	740	24	780	19	3	9	1
R85	730	4	900	42	70	470	45	400	95	1	10	1
R89	440	5	2320	135	59	240	14	1080	51	1	8	1
R126	18820	26	26390	698	6	380	6	700	24	8	27	1
R128	540	5	2770	112	5	130	16	150	11	1	7	1
R130	22460	30	27870	777	5	440	5	870	23	9	24	1
R132	13950	22	14500	740	4	730	6	1450	24	6	27	1
R134	890	4	1110	149	20	200	6	160	2656	1	23	1
R136	8110	10	14630	339	6	1070	14	650	46	3	15	4
R138	5100	8	8290	221	16	660	7	350	103	2	17	1
R140	7130	11	10400	470	3	1290	6	1280	22	4	23	2
R142	800	7	3220	147	5	730	25	5080	14	1	14	1
R148	610	5	2790	63	24	430	16	500	48	1	12	1
R156	6410	14	8000	551	6	1220	6	1120	25	3	22	2
R158	1010	22	12000	738	105	350	9	1420	25	2	10	3
R162	1960	17	4750	215	4	910	8	630	17	2	17	1

COMPANY: REA GOLD  
PROJECT NO: FLAP  
ATTENTION: G. MEDFORD

MIN-EN LABS ICP REPORT  
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
(604) 980-5814 OR (604) 988-4524

(ACT:F31) PAGE 3 OF 3  
FILE NO: 8-1817/P2  
DATE: OCTOBER 21, 1988

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
R65	1	5.6	9	1	1	4	206	19000
R67	1	4.7	6	1	1	3	195	45
R69	1	35.4	24	1	1	2	155	52
R71	1	39.7	26	1	3	1	52	2
R73	1	123.4	65	2	3	2	155	9
R75	1	114.3	51	1	2	2	127	5
R85	1	55.2	345	1	1	3	191	4
R89	1	14.4	44	1	1	2	177	6
R126	1	194.8	82	2	7	1	78	2
R128	1	16.7	16	1	1	3	192	48 X
R130	1	236.8	104	5	7	1	69	3
R132	1	105.0	63	4	3	1	90	2
R134	1	10.9	11	1	1	4	221	31
R136	1	166.2	48	6	2	4	187	4
R138	1	105.0	47	2	1	4	197	8
R140	1	90.9	61	2	3	1	85	6
R142	1	111.7	78	1	1	5	243	10
R148	1	144.9	60	1	1	3	178	7
R156	1	69.0	61	1	2	1	113	2
R158	1	109.8	81	1	1	1	92	2
R162	1	22.5	23	1	1	1	106	3





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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

**Certificate of ASSAY**

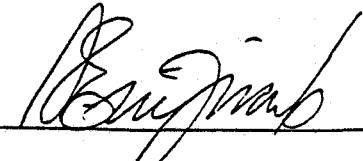
Company: REAGOLD  
Project: FLAP  
Attention: G. MEDFORD

File: 8-1705/P1  
Date: OCT 9/88  
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
R-29	26.40	0.770
R-33	12.02	0.351

Certified by \_\_\_\_\_

  
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TELEPHONE: (705) 264-9996

**Certificate of GEOCHEM**

Company: REAGOLD  
Project: FLAP  
Attention: G. MEDFORD

File: 8-1705/P1  
Date: OCT 9/88  
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET* PPB	
R-8	2	70N 9750E : (75m N20°E) Quartzite
R-9	2	70N 98E : (50m SE) <del>quartzite</del> pyritic quartzite
R-14	3	
R-15	2	
R-17	2	8050N BL. : (30m W) stockwork of qt. veins w/ dike or volcanic
R-18	2	85N 100E : (35m NW) silicified limestone, brown stain
R-19	4	8050N B.L. : (25m NNW of R) silicified limestone with py in seams
R-20	2	
R-21	2	
R-22	69	84N 117E : gossain (40m N) stringers pyrite in quartzite
R-23	3	
R-24	42	86N 11750E : (40m NNE) 20cm qt. vein, strikes N.W.E.
R-25	2	
R-26	3	
R-27	5	
R-28	2	
R-29	16000	54N 9360E Quartz vein
R-31	237	56N 90E : (20ms) greenstone
R-32	123	
R-33	8700	55N 9200E APPROX. Quartz vein
R-34	42	58N 8650E : sheared diorite
R-35	71	60N 100E : (75m WNW)
R-36	3	
R-37	2	
R-38	3	
R-39	2	
CT	12	
L56 86E	3	
L55 92E	2	

\*10 GRAM WET GEOCHEM.

Certified by \_\_\_\_\_

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TELEPHONE: (705) 264-9996

*Certificate of GEOCHEM*

Company: REA GOLD  
Project:  
Attention: G. MEDFORD

File: 8-1790/P1  
Date: OCT. 19/88  
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET* PPB
R40	2
R41	2
R41 DUPLICATE	3
R42	2
R43	2
-----	
R44	2
R45	2
R46	2
R47	2
R50	4
-----	
R51	2
R54	3
R58	2
R60	3
R62	2
-----	
R64	3
R66	2
R68	2
R70	2
R72	2
-----	
L75N 92+75E	2

\*10 GRAM WET GEOCHEM

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Certificate of GEOCHEM

Company: REAGOLD  
Project: FLAP  
Attention: G MEDFORD

File: 8-1794/P1  
Date: OCT 20/88  
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET* FPB	
R 53	2	
R 55	2	
R 57	3	
R 59	2	
R 61	2	
-----		
R 63	2	
R 74	2	
R 76	2	
R 78	2	
R 80	2	
-----		
R 82	2	
R 84	2	
R 86	7	
R 88	2	
R 90	2	
-----		
R 92	32	62N B900E : (20m WNW) pyritic qt. vein
R 94F	4	
R 96	2	
R 98	2	
R 98 DUP	2	
-----		
R 100	2	
R 102	2	
R 104	2	
R 106	2	
R 108	2	
-----		
R 110	2	
R 112	24	54N 94E : pyritic feldspar porphyry (35m SSE)
R 114		6754N 93E : Qt. vein, 3cm wide
R 116	2750	
R 118	1090	54N 93E : (30m S) quartz vein

\*10 GRAM WET GEOCHEM

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*Certificate of ASSAY*

Company: REAGOLD  
Project: FLAP  
Attention: G MEDFORD

File: 8-1794/P1  
Date: OCT 20/88  
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
R 116	3.30	0.096
R 118	1.57	0.046
R 120	1.76	0.051
R 124	23.00	0.671

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*Certificate of Geochem*

Company: REAGOLD  
Project: FLAP  
Attention: G MEDFORD

File: 8-1794/P2  
Date: OCT 20/88  
Type: ROCK GEOCHEM

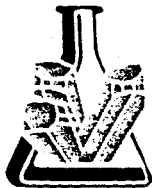
We hereby certify the following results for samples submitted.

Sample Number	AU-WET* PPB
R 120	1500
R 122	3
R 124	18000

\*10 GRAM WET GEOCHEM

Certified by \_\_\_\_\_

*[Handwritten Signature]*  
MIN-EN LABORATORIES LTD.



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TELEPHONE: (705) 264-9996

*Certificate of GEOCHEM*

Company: REAGOLD  
Project: FLAP  
Attention: G. MEDFORD

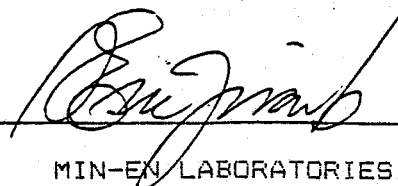
File: 8-1872/P1  
Date: OCT. 26/88  
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET* PPB	
R-109	2	weakly fractured granodiorite with qt-feldspar pegmatite in fractures. Minor limonite
R-111	2	132N 173E - qt feldspar porphyry dike, tr. limonite after py. Pink k-feld alt.
R-113	4	134N 146E - pink qt-feld. pegmatite float
R-115	275	75N 9275E - grab of very silicified andesite, 5-7% pyrite. Very difficult to sample.
R-180	3	
R-182	2	
R-184	6	
R-186	2	
R-188	4	
R-190	13	: silicified volcanic gossan, pyritic
R-192	550	75N 9285E: gossan sam location as R166

\*10 GRAM WET GEOCHEM

Certified by



MIN-EN LABORATORIES LTD.

## GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR NG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.  
 - SAMPLE TYPE: Pulp HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: SEP 30 1988

DATE REPORT MAILED: Oct 4/88

ASSAYER: *C. Long* D. TOYE OR C. LEONG, CERTIFIED B.C. ASSAYERS

GUINET MANAGEMENT PROJECT FLAP File # 88-3927R Page 11

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Bi PPM	Ba PPM	W PPM	Hg PPB
L68+00N 85+50E	7	22	7	56	.8	5	2	3	152	1	150
L68+00N 86+00E	3	32	12	72	.6	4	2	2	142	1	100
L68+00N 86+50E	3	29	13	94	.4	9	2	3	151	4	30
L68+00N 87+00E	3	37	23	105	.4	7	2	2	150	3	40
L68+00N 87+50E	2	24	19	93	.3	7	2	2	121	3	30
L68+00N 88+00E	3	28	23	84	.4	8	3	2	111	2	30
L68+00N 88+50E	2	19	11	89	.3	2	2	2	87	1	40
L68+00N 89+00E	1	21	8	102	.2	5	2	3	122	1	40
L68+00N 89+50E	1	27	21	104	.3	17	9	2	154	8	60
L68+00N 90+00E	1	30	14	90	.2	11	3	2	137	3	30
L68+00N 90+50E	1	19	13	76	.2	8	2	2	100	2	40
L68+00N 91+00E	1	24	18	92	.3	11	2	3	129	3	50
L68+00N 91+50E	1	23	16	137	.1	12	2	2	125	5	30
L68+00N 92+00E	1	21	9	112	.2	6	3	2	126	1	30
L68+00N 92+50E	2	20	7	112	.2	6	3	2	126	2	40
L68+00N 93+00E	1	17	7	111	.3	5	2	2	144	1	40
L68+00N 93+50E	1	19	9	112	.2	4	2	2	119	1	30
L68+00N 94+00E	1	23	14	115	.1	12	2	2	115	3	50
L68+00N 94+50E	2	28	12	103	.1	10	2	2	140	3	60
L68+00N 95+00E	2	26	15	97	.1	10	3	2	94	2	50
L68+00N 95+50E	2	22	12	89	.1	8	3	2	89	3	70
L68+00N 96+00E	1	20	11	101	.1	12	2	2	87	2	60
L68+00N 96+50E	2	21	27	84	.1	9	2	2	106	2	50
L68+00N 97+00E	11	24	10	99	.2	10	3	2	117	1	40
L68+00N 97+50E	12	22	12	110	.1	4	2	2	165	1	30
L68+00N 98+00E	9	20	7	88	.1	2	2	3	134	1	30
L68+00N 98+50E	39	60	23	171	2.4	7	3	2	310	2	110
L68+00N 99+00E	39	53	18	172	1.1	7	2	2	229	2	100
L68+00N 99+50E	37	40	14	160	1.0	6	2	4	146	2	60
L68+00N 100+00E	36	26	18	142	.9	6	2	4	135	1	70
L68+00N 100+50E	29	30	17	135	.4	4	2	2	181	2	40
L68+00N 101+00E	37	32	23	161	.3	6	2	2	211	3	50
STD C	18	59	44	132	7.2	38	17	18	174	11	1400



SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Bi PPM	Ba PPM	W PPM	Hg PPB
L68+00N 101+50E	7	24	16	102	.4	4	2	2	123	1	30
L68+00N 102+00E	3	23	10	80	.3	6	2	3	112	2	20
L68+00N 102+50E	5	24	14	80	.3	7	2	2	101	3	50
L68+00N 103+00E	5	21	9	95	.3	2	2	2	123	2	30
L68+00N 103+50E	4	16	10	79	.4	5	2	2	92	1	40
L68+00N 104+00E	4	20	12	74	.5	4	2	2	99	1	30
L68+00N 104+50E	5	23	9	81	.3	3	2	2	102	1	30
L68+00N 105+00E	7	27	12	88	.4	6	2	2	129	3	50
L68+00N 105+50E	13	33	6	124	.5	9	2	2	192	4	40
L68+00N 106+00E	8	20	7	86	.4	2	2	2	126	2	40
L66+00N 85+00E	1	14	6	55	.3	3	2	2	65	2	30
L66+00N 85+50E	3	14	9	53	.4	2	2	2	91	2	60
L66+00N 86+00E	3	39	13	72	.3	4	2	2	119	2	20
L66+00N 86+50E	2	35	15	85	.3	3	2	2	109	2	30
L66+00N 87+00E	4	57	28	84	.3	4	3	2	113	3	20
L66+00N 87+50E	4	26	11	77	.2	2	2	2	95	1	30
L66+00N 88+00E	2	22	18	85	.3	4	2	2	103	2	50
L66+00N 88+50E	2	25	15	94	.3	3	2	2	112	1	40
L66+00N 89+00E	1	23	7	94	.3	3	2	2	122	2	40
L66+00N 89+50E	2	24	9	105	.1	6	2	2	117	3	30
L66+00N 90+00E	2	15	12	78	.1	6	2	2	73	2	40
L66+00N 90+50E	2	22	11	94	.3	5	2	2	100	3	60
L66+00N 91+00E	1	20	8	99	.3	6	2	2	154	2	50
L66+00N 91+50E	1	21	5	85	.2	6	2	2	130	2	50
L66+00N 92+00E	8	4	11	64	.2	2	2	2	136	1	190
L66+00N 92+50E	1	18	10	80	.5	2	2	2	90	2	30
L66+00N 93+00E	1	23	11	102	.3	10	2	2	184	5	30
L66+00N 93+50E	1	20	4	95	.2	4	2	2	137	2	40
L66+00N 94+00E	1	20	6	106	.2	4	2	2	144	1	50
L66+00N 94+50E	2	36	6	154	.3	14	2	2	126	2	40
L66+00N 95+00E	2	29	13	112	.4	12	2	2	200	3	30
L66+00N 95+50E	2	19	7	85	.4	10	3	2	122	3	40
L66+00N 96+00E	2	31	10	82	.2	3	2	2	88	3	50
L66+00N 96+50E	3	28	7	91	.3	2	2	2	98	2	60
L66+00N 97+00E	2	20	11	73	.1	2	2	2	92	2	50
L66+00N 97+50E	2	20	11	96	.2	10	2	2	102	5	30
STD C	18	60	43	132	6.9	44	16	20	180	12	1300

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Bi PPM	Ba PPM	W PPM	Hg PPB
L66+00N 98+00E	4	32	21	98	.2	19	4	2	104	9	50
L66+00N 98+50E	3	29	22	86	.2	16	4	2	108	6	60
L66+00N 99+00E	11	34	23	136	.8	12	2	4	238	7	40
L66+00N 99+50E	2	18	17	95	.2	8	2	2	110	3	40
L66+00N 100+00E	3	26	24	94	.2	12	2	2	115	7	30
L66+00N 100+50E	24	16	25	87	.4	10	3	2	138	4	30
L66+00N 101+00E	10	25	22	88	.3	9	4	4	97	6	50
L66+00N 101+50E	7	28	16	94	.2	9	3	5	103	5	40
L66+00N 102+00E	8	23	24	83	.7	10	2	4	109	6	40
L66+00N 102+50E	3	25	18	76	.5	15	5	2	90	9	50
L66+00N 103+00E	5	21	20	84	.4	9	2	2	113	2	40
L66+00N 103+50E	8	24	20	93	.6	10	2	4	118	4	40
L66+00N 104+00E	16	19	17	114	.3	10	2	2	186	2	50
L66+00N 104+50E	6	22	18	75	.2	10	3	6	89	5	40
L66+00N 105+00E	7	21	14	90	.3	8	2	2	168	4	70
L66+00N 105+50E	10	24	22	87	.4	7	3	3	135	4	40
L66+00N 106+00E	21	19	18	92	.4	8	2	2	181	3	60
L64+00N 85+00E	4	13	9	37	.9	5	2	2	191	3	80
L64+00N 85+50E	1	11	10	56	.1	6	2	2	84	2	30
L64+00N 86+00E	14	17	7	73	.2	7	2	2	116	1	40
L64+00N 86+50E	1	16	11	54	.2	5	2	2	86	2	40
L64+00N 87+00E	3	21	19	77	.3	9	4	2	89	4	50
L64+00N 87+50E	2	23	15	56	.3	8	2	4	51	10	10
L64+00N 88+00E	2	21	13	70	.3	9	2	2	94	5	30
L64+00N 88+50E	6	28	16	79	.4	10	3	2	109	4	40
L64+00N 89+00E	2	23	17	85	.4	8	2	2	100	4	30
L64+00N 89+50E	3	19	16	83	.3	4	2	2	113	3	50
L64+00N 90+00E	1	21	8	59	.3	8	4	2	85	4	60
L64+00N 90+50E	2	36	17	110	.2	13	2	2	231	4	40
L64+00N 91+00E	1	25	17	99	.4	13	3	2	145	4	30
L64+00N 91+50E	1	23	20	102	.4	11	3	3	175	4	50
L64+00N 92+00E	2	22	13	100	.3	10	2	2	125	3	70
L64+00N 92+50E	11	57	21	69	.8	11	2	2	308	4	130
L64+00N 93+00E	3	29	11	98	.3	9	2	2	222	4	20
L64+00N 93+50E	1	19	10	84	.2	8	2	2	159	3	20
L64+00N 94+00E	1	25	18	108	.4	11	2	2	193	6	30
STD C	19	62	43	132	7.1	39	20	19	183	13	1400

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Bi PPM	Ba PPM	W PPM	Hg PPB
L64+00N 94+50E	1	19	17	109	.2	7	2	2	186	2	50
L64+00N 95+00E	1	18	16	122	.2	9	3	2	141	3	40
L64+00N 95+50E	1	21	17	138	.3	12	5	2	161	3	70
L64+00N 96+00E	1	21	18	95	.1	10	2	2	113	2	40
L64+00N 96+50E	1	17	14	92	.2	10	2	2	139	1	60
L64+00N 97+00E	1	27	14	120	.1	7	2	2	148	1	60
L64+00N 97+50E	1	25	19	106	.1	10	2	2	88	2	60
L64+00N 98+00E	1	22	12	87	.1	10	2	2	101	2	60
L64+00N 98+50E	1	20	14	93	.1	7	2	2	116	3	50
L64+00N 99+00E	2	23	14	83	.1	12	6	2	103	2	60
L64+00N 99+50E	3	29	17	91	.1	11	2	2	93	3	70
L64+00N 100+00E	5	27	15	88	.2	8	2	2	95	1	60
L64+00N 100+50E	32	54	20	178	.5	8	3	2	111	8	80
L64+00N 101+00E	14	24	13	130	.2	7	2	2	133	1	60
L64+00N 101+50E	9	27	17	109	.2	6	2	2	118	3	70
L64+00N 102+00E	24	30	18	109	.7	9	2	2	135	2	70
L64+00N 102+50E	13	26	16	90	.2	11	2	2	98	2	80
L64+00N 103+00E	8	25	21	107	.4	14	7	2	193	4	70
L64+00N 103+50E	43	72	29	116	.3	9	2	4	175	1	40
L64+00N 104+50E	8	22	20	141	.4	8	2	3	187	2	70
L64+00N 105+00E	10	21	21	119	.3	10	5	4	206	3	60
L64+00N 105+50E	20	29	18	91	.5	7	2	5	128	1	70
L64+00N 106+00E	9	27	14	150	.4	10	2	2	184	1	70
L62+00N 85+00E	3	40	13	75	1.1	12	2	2	253	2	100
L62+00N 85+50E	1	50	17	79	.4	8	2	2	202	3	40
L62+00N 86+00E	2	60	10	79	1.2	6	2	2	150	2	130
L62+00N 86+50E	1	14	9	53	.2	6	3	2	102	2	50
L62+00N 87+00E	1	14	12	62	.2	5	2	2	104	1	80
L62+00N 87+50E	1	15	14	63	.2	7	3	2	67	1	60
L62+00N 88+00E	2	14	14	69	.3	8	2	3	77	1	60
L62+00N 88+50E	2	21	28	69	.1	6	2	2	76	2	40
L62+00N 89+00E	19	17	22	73	.2	5	2	2	103	1	60
L62+00N 90+00E	39	36	14	37	.1	10	2	2	65	2	120
L62+00N 90+50E	2	37	16	85	.7	8	2	2	230	1	120
L62+00N 91+00E	1	16	15	71	.1	7	2	2	143	1	30
L62+00N 91+50E	3	25	20	87	.6	10	2	2	149	3	80
STD C	18	59	39	132	7.1	41	16	18	179	12	1300

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Bi PPM	Ba PPM	W PPM	Hg PPB
L62+00N 92+00E	2	17	18	74	.3	8	2	3	159	2	60
L62+00N 92+50E	2	17	10	70	.1	9	2	5	85	2	50
L62+00N 93+00E	2	37	21	90	1.4	11	3	2	276	5	120
L62+00N 93+50E	1	19	16	71	.4	9	2	2	121	2	60
L62+00N 94+00E	1	15	12	64	.3	10	2	2	108	2	40
L62+00N 94+50E	1	25	22	115	.3	11	3	2	220	4	30
L62+00N 95+00E	1	22	14	114	.3	11	2	2	202	4	60
L62+00N 95+50E	1	20	19	95	.4	9	2	2	153	3	20
L62+00N 96+00E	1	16	24	93	.3	12	3	2	128	5	40
L62+00N 96+50E	2	44	20	182	.3	9	3	2	173	3	40
L62+00N 97+00E	2	26	16	111	.3	12	6	2	172	4	20
L62+00N 97+50E	1	21	17	116	.3	11	2	2	118	2	50
L62+00N 98+00E	1	23	18	127	.2	13	3	2	131	3	70
L62+00N 98+50E	2	29	21	158	.3	15	7	2	160	5	40
L62+00N 99+00E	1	36	17	120	.2	14	2	2	136	4	60
L62+00N 99+50E	2	33	23	150	.3	12	3	2	100	6	50
L62+00N 100+00E	6	39	23	142	.3	11	2	2	103	4	50
L62+00N 100+50E	5	22	17	112	.3	10	2	2	126	3	40
L62+00N 101+00E	5	31	27	119	.3	20	10	2	98	8	50
L62+00N 101+50E	15	30	20	163	.3	13	4	2	124	5	80
L62+00N 102+00E	34	50	21	159	.3	15	3	2	115	6	40
L62+00N 102+50E	19	48	20	102	.4	16	8	10	114	8	60
L62+00N 103+00E	18	25	19	99	.8	13	2	6	94	4	50
L62+00N 103+50E	15	32	23	128	.6	11	3	2	177	4	70
L62+00N 104+00E	13	28	20	160	.4	12	3	3	188	4	50
L62+00N 104+50E	16	33	23	184	.5	10	2	2	215	4	60
L62+00N 105+00E	7	25	22	154	1.1	13	8	3	195	5	60
L62+00N 105+50E	15	24	18	109	.7	9	2	2	177	2	80
L62+00N 106+00E	8	24	17	111	.8	8	2	3	160	3	50
L60+00N 85+00E	2	25	23	83	.5	13	3	3	100	3	110
L60+00N 85+50E	2	27	16	88	.3	17	2	2	91	3	30
L60+00N 86+00E	2	59	21	71	.3	17	3	2	91	2	30
L60+00N 86+50E	2	30	23	94	1.1	10	2	2	117	4	70
L60+00N 87+00E	4	30	27	123	1.4	20	10	2	243	9	70
L60+00N 87+50E	1	15	15	67	.3	7	2	2	109	2	50
L60+00N 88+00E	1	17	15	66	.4	12	6	2	93	5	60
STD C	18	59	41	132	7.1	40	17	19	176	12	1300

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Bi PPM	Ba PPM	W PPM	Hg PPB
L60+00N 88+50E	1	11	12	54	.3	2	2	2	90	2	40
L60+00N 89+00E	1	14	14	75	.3	6	2	2	92	4	60
L60+00N 89+50E	5	23	20	116	.4	3	2	2	133	3	40
L60+00N 90+00E	7	79	17	106	.6	5	2	2	93	4	30
L60+00N 90+50E	6	27	17	100	.5	2	2	2	92	4	30
L60+00N 91+00E	3	13	13	66	.2	2	2	2	102	3	50
L60+00N 91+50E	3	12	13	48	.3	2	3	2	75	3	40
L60+00N 92+00E	2	15	14	53	.3	2	2	2	70	2	60
L60+00N 92+50E	10	20	14	60	.8	2	2	2	116	2	100
L60+00N 93+00E	3	36	22	93	.5	9	2	2	145	5	120
L60+00N 93+50E	5	30	12	70	.7	5	2	2	148	3	130
L60+00N 94+00E	2	10	13	71	.3	2	2	2	76	2	50
L60+00N 94+50E	3	12	7	49	.4	2	2	2	69	2	90
L60+00N 95+00E	2	14	12	53	.2	2	2	2	70	1	40
L60+00N 95+50E	1	26	12	99	.2	6	3	2	138	4	30
L60+00N 96+00E	2	26	10	76	.3	2	2	2	140	2	40
L60+00N 96+50E	1	18	13	93	.2	3	2	2	133	2	30
L60+00N 97+00E	1	17	12	92	.3	3	2	2	125	3	50
L60+00N 97+50E	1	27	19	170	.3	9	2	2	111	5	40
L60+00N 98+00E	4	50	14	250	.2	2	2	2	183	1	50
L60+00N 98+50E	3	34	18	266	.3	2	2	2	197	1	60
L60+00N 99+00E	7	22	15	157	.5	2	2	2	119	1	70
L60+00N 99+50E	2	16	13	93	.4	2	2	2	98	1	50
L60+00N 100+00E	2	16	15	74	.2	2	2	2	69	2	40
L60+00N 100+50E	3	11	11	68	.7	2	2	2	83	1	60
L60+00N 101+00E	2	15	9	97	.1	2	2	2	89	1	40
L60+00N 101+50E	6	13	16	92	.6	3	2	2	73	4	50
L60+00N 102+00E	4	15	16	116	.4	5	2	2	118	3	50
L60+00N 102+50E	2	18	10	96	.3	6	2	2	113	4	30
L60+00N 103+00E	7	37	21	189	.3	8	2	2	276	5	10
L60+00N 103+50E	7	23	21	115	.5	9	2	2	131	5	80
L60+00N 104+00E	26	22	27	124	.8	21	2	2	172	4	60
L60+00N 104+50E	6	21	12	81	.3	8	2	3	134	4	40
L60+00N 105+00E	4	17	15	84	.3	4	2	2	118	3	30
L60+00N 105+50E	3	14	11	81	.3	4	2	2	102	3	40
L60+00N 106+00E	73	22	19	92	.9	9	2	2	129	6	100
STD C	18	60	43	132	7.1	43	17	17	181	12	1300

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Bi PPM	Ba PPM	W PPM	Hg PPB
L58+00N 85+00E	2	31	19	86	.3	16	4	3	114	3	60
L58+00N 85+50E	1	27	17	70	.6	16	3	2	120	4	20
L58+00N 86+00E	1	41	21	97	.3	13	4	2	94	4	40
L58+00N 86+50E	1	46	12	64	.3	14	2	2	99	4	40
L58+00N 87+00E	1	52	21	73	.4	15	2	2	114	4	40
L58+00N 87+50E	2	24	18	131	.3	10	4	2	126	3	40
L58+00N 88+00E	2	30	20	114	.2	8	4	2	140	3	60
L58+00N 88+50E	1	18	19	84	.2	9	3	2	159	3	30
L58+00N 89+00E	1	19	10	66	.1	9	4	2	99	3	40
L58+00N 89+50E	3	30	16	86	.2	10	4	2	69	5	40
L58+00N 90+00E	3	23	13	117	.3	10	4	2	114	2	50
L58+00N 90+50E	5	37	18	135	.6	12	2	2	135	4	60
L58+00N 91+00E	4	41	12	114	.4	9	4	2	122	3	30
L58+00N 91+50E	2	30	15	81	.4	13	2	2	92	4	60
L58+00N 92+00E	14	57	20	109	.7	12	2	3	173	5	80
L58+00N 92+50E	2	17	14	68	.3	11	2	2	94	4	50
L58+00N 93+00E	1	18	10	70	.2	7	2	2	144	3	20
L58+00N 93+50E	1	24	17	78	.3	14	3	2	142	5	50
L58+00N 94+00E	2	27	11	78	.3	12	3	2	162	3	60
L58+00N 94+50E	1	17	13	79	.4	7	4	2	111	3	70
L58+00N 95+00E	1	25	20	113	.3	16	3	2	152	4	70
L58+00N 95+50E	2	23	18	91	.3	13	2	2	144	4	70
L58+00N 96+00N	1	20	15	78	.3	13	2	2	105	4	50
L58+00N 96+50E	2	14	10	67	.1	8	3	2	104	2	60
L58+00N 97+00E	2	20	14	86	.1	9	3	2	109	3	50
L58+00N 97+50E	4	18	16	96	.3	12	3	2	85	5	60
L58+00N 98+00E	2	27	16	95	.4	12	3	2	91	5	60
L58+00N 98+50E	2	28	17	89	.2	10	3	2	90	4	50
L58+00N 99+00E	2	20	15	80	.2	11	2	2	71	2	40
L58+00N 99+50E	1	28	18	107	.3	10	2	2	76	3	40
L58+00N 100+00E	2	24	13	96	.2	9	2	2	112	1	40
L58+00N 100+50E	2	21	19	89	.2	8	2	2	107	3	60
L58+00N 101+00E	2	38	13	161	.5	10	3	2	138	3	70
L58+00N 101+50E	1	18	10	79	.2	9	2	3	104	2	70
L58+00N 102+00E	2	19	9	97	.3	9	2	2	130	2	50
L58+00N 102+50E	1	21	17	94	.3	13	2	2	117	3	60
STD C	17	61	41	132	6.5	44	16	18	178	12	1400

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Bi PPM	Ba PPM	W PPM	Hg PPB
L58+00N 103+00E	3	24	12	132	.1	13	3	2	125	4	30
L58+00N 103+50E	3	23	19	152	.3	11	3	2	135	4	30
L58+00N 104+00E	3	20	16	95	.3	12	2	2	101	3	50
L58+00N 104+50E	2	16	12	73	.2	8	2	2	82	3	40
L58+00N 105+00E	13	26	13	116	.2	12	2	2	213	3	50
L58+00N 105+50E	2	21	19	91	.3	10	2	2	141	4	40
L58+00N 106+00E	2	15	9	69	.3	7	2	2	67	4	60
L56+00N 85+00E	1	33	17	64	.3	23	2	2	99	6	30
L56+00N 85+50E	1	69	20	72	.4	19	2	2	97	6	50
L56+00N 86+00E	1	69	19	65	.2	32	2	2	70	4	30
L56+00N 86+50E	1	35	19	85	.3	16	2	2	66	6	50
L56+00N 87+00E	1	28	13	89	.2	7	2	2	71	1	30
L56+00N 87+50E	2	38	28	118	.3	12	2	2	137	4	20
L56+00N 88+00E	2	33	27	115	.2	11	2	2	103	5	30
L56+00N 88+50E	1	25	21	87	.2	13	3	2	104	4	40
L56+00N 89+00E	2	22	22	106	.1	18	3	2	95	8	60
L56+00N 89+50E	1	20	20	41	.1	9	3	2	78	5	60
L56+00N 90+00E	2	31	17	85	.3	12	2	2	117	3	30
L56+00N 90+50E	4	50	19	103	.5	13	2	2	138	4	50
L56+00N 91+00E	3	24	13	77	.2	9	3	2	78	4	30
L56+00N 91+50E	3	29	21	90	.3	13	2	2	117	5	10
L56+00N 92+00E	3	28	12	84	.3	11	2	2	82	6	40
L56+00N 92+50E	9	24	17	84	.4	8	2	2	158	2	60
L56+00N 93+00E	2	20	14	67	.3	6	2	2	112	3	40
L56+00N 93+50E	1	18	20	65	.3	8	2	2	91	4	70
L56+00N 94+00E	2	22	15	96	.4	14	2	2	95	7	30
L56+00N 94+50E	4	25	21	94	.5	9	3	2	135	4	60
L56+00N 95+00E	1	20	22	127	.2	12	3	2	194	4	40
L56+00N 95+50E	1	25	17	81	.1	9	2	2	129	4	30
L56+00N 96+00E	1	22	19	87	.2	11	2	2	127	6	40
L56+00N 96+50E	1	22	19	77	.3	11	2	2	102	5	50
L56+00N 97+00E	5	51	26	105	.5	14	3	2	63	26	10
L56+00N 97+50E	1	28	19	79	.2	14	2	2	123	19	30
L56+00N 98+00E	1	26	16	79	.2	13	2	2	98	8	20
L56+00N 98+50E	1	23	19	81	.2	14	2	2	98	6	20
L56+00N 99+00E	2	20	19	83	.2	15	3	2	90	6	60
STD C	17	60	45	132	7.1	44	18	19	179	12	1300

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Bi PPM	Ba PPM	W PPM	Hg PPB
L56+00N 99+50E	2	26	8	140	.2	6	2	2	100	4	50
L56+00N 100+00E	1	24	9	100	.2	7	2	2	137	4	40
L56+00N 100+50E	2	22	11	79	.1	2	2	3	66	2	50
L56+00N 101+00E	1	20	9	77	.3	4	3	3	92	3	40
L56+00N 101+50E	1	28	7	110	.3	5	2	2	108	4	30
L56+00N 102+00E	2	27	18	99	.3	3	2	2	143	3	80
L56+00N 102+50E	1	25	7	114	.3	4	2	2	107	2	50
L56+00N 103+00E	2	27	10	117	.2	2	2	2	142	1	40
L56+00N 103+50E	4	32	6	187	.4	13	2	4	194	1	40
L56+00N 104+00E	3	38	11	221	.2	11	4	2	174	4	30
L56+00N 104+50E	2	25	5	144	.2	8	2	2	133	2	40
L56+00N 105+00E	3	18	13	112	.2	3	2	2	137	1	40
L56+00N 105+50E	5	30	13	148	.2	6	2	2	120	3	60
L56+00N 106+00E	10	22	12	158	.5	4	3	3	146	4	50
L54+00N 85+00E	1	34	8	74	.2	8	3	2	71	2	50
L54+00N 85+50E	1	102	16	81	.3	10	2	2	119	5	40
L54+00N 86+00E	1	78	11	57	.1	10	3	2	47	4	30
L54+00N 86+50E	1	91	12	55	.1	17	12	2	69	9	30
L54+00N 87+00E	1	36	7	75	.2	8	3	2	98	3	40
L54+00N 87+50E	2	44	20	130	.1	4	2	2	58	3	50
L54+00N 88+00E	2	26	19	111	.2	2	4	2	72	4	70
L54+00N 88+50E	2	46	20	123	.1	7	2	2	101	2	30
L54+00N 89+00E	1	21	15	110	.1	7	2	2	81	4	50
L54+00N 89+50E	2	44	13	123	.2	4	2	2	113	2	60
L54+00N 90+00E	3	36	19	112	.2	5	2	2	121	3	40
L54+00N 90+50E	15	23	8	142	.1	2	2	2	115	1	20
L54+00N 91+00E	5	35	17	81	.3	8	4	2	107	5	40
L54+00N 91+50E	5	34	6	93	.4	5	3	2	107	3	40
L54+00N 92+00E	6	30	11	92	.4	2	2	2	118	2	30
L54+00N 92+50E	27	59	22	105	.6	3	2	2	112	4	50
L54+00N 93+00E	12	29	11	79	.3	2	2	3	124	2	30
L54+00N 93+50E	2	26	19	84	.2	3	3	2	103	4	40
L54+00N 94+00E	2	22	15	73	.1	3	3	2	110	3	30
L54+00N 94+50E	3	57	18	120	.2	3	3	2	135	5	30
L54+00N 95+00E	3	28	15	85	.1	2	2	2	99	1	50
L54+00N 95+50E	2	19	13	63	.1	2	3	2	104	3	40
STD C	18	60	42	132	7.1	40	16	20	178	13	1300

22



SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Bi PPM	Ba PPM	W PPM	Hg PPB
L54+00N 96+00E	2	21	30	102	.3	8	2	2	122	2	20
L54+00N 96+50E	4	44	15	97	.7	7	2	3	137	3	90
L54+00N 97+00E	5	33	20	100	.5	6	2	3	130	3	60
L54+00N 97+50E	3	55	80	100	.8	9	2	2	228	4	20
L54+00N 98+00E	3	28	17	93	.4	5	2	2	158	5	30
L54+00N 98+50E	3	38	26	137	.3	9	3	2	191	4	40
L54+00N 99+00E	3	35	16	106	.3	6	2	2	120	3	20
L54+00N 99+50E	2	20	12	102	.3	2	2	2	116	1	30
L54+00N 100+00E	2	17	17	101	.1	5	3	2	97	2	30
L54+00N 100+50E	2	23	22	117	.1	10	2	2	99	4	40
L54+00N 101+00E	2	20	20	138	.2	6	2	2	121	3	50
L54+00N 101+50E	1	18	8	59	.1	7	3	2	166	3	20
L54+00N 102+00E	1	15	13	89	.1	7	2	4	144	2	40
L54+00N 102+50E	1	19	15	109	.2	4	2	2	129	2	30
L54+00N 103+00E	1	20	17	85	.2	5	2	2	121	2	50
L54+00N 103+50E	1	18	11	110	.2	4	2	2	123	1	30
L54+00N 104+00E	4	44	18	294	.3	11	2	4	253	1	20
L54+00N 104+50E	2	27	16	151	.2	6	2	2	107	1	40
L54+00N 105+00E	2	22	11	106	.1	7	2	2	136	2	40
L54+00N 105+50E	2	20	17	125	.4	2	2	3	122	2	30
L54+00N 106+00E	2	20	14	130	.2	8	2	2	109	3	40
L52+00N 85+00E	1	46	16	86	.2	12	2	2	94	2	50
L52+00N 85+50E	2	51	6	71	.2	7	2	3	76	2	60
L52+00N 86+00E	1	48	15	68	.1	11	2	2	85	3	30
L52+00N 86+50E	1	42	6	55	.2	8	2	2	64	2	40
L52+00N 87+00E	1	25	10	62	.4	5	2	2	65	2	30
L52+00N 87+50E	1	121	21	106	.2	8	2	3	87	2	60
L52+00N 88+00E	1	47	20	102	.1	8	2	2	97	3	40
L52+00N 88+50E	2	32	18	116	.2	12	2	2	95	2	50
L52+00N 89+00E	1	17	64	112	.1	8	3	3	253	1	220
L52+00N 89+50E	2	25	13	101	.1	23	2	2	79	3	30
L52+00N 90+00E	2	34	14	104	.1	14	2	2	93	2	50
L52+00N 90+50E	2	45	11	112	.1	7	2	3	126	2	30
L52+00N 91+00E	2	45	11	110	.1	6	2	2	114	2	40
L52+00N 91+50E	3	57	11	111	.2	6	2	2	72	1	20
L52+00N 92+00E	2	25	15	100	.2	7	3	2	92	3	30
STD C	18	60	36	132	6.7	41	20	21	178	11	1400

23

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	Bi PPM	Ba PPM	W PPM	Hg PPB
L52+00N 92+50E	1	20	13	78	.3	4	2	2	127	3	40
L52+00N 93+00E	2	14	14	83	.4	2	2	2	74	2	20
L52+00N 93+50E	1	14	10	84	.3	2	2	2	52	2	30
L52+00N 94+00E	4	18	20	76	.4	2	2	2	56	3	30
L52+00N 94+50E	2	24	15	98	.3	2	2	2	117	2	20
L52+00N 95+00E	2	18	7	68	.3	2	2	2	103	1	20
L52+00N 95+50E	1	14	10	58	.4	2	2	2	77	1	30
L52+00N 96+00E	4	23	8	82	.6	2	2	2	164	1	80
L52+00N 96+50E	1	14	30	90	.1	5	2	2	61	4	10
L52+00N 97+00E	2	17	9	71	.3	6	2	2	98	1	30
L52+00N 97+50E	3	27	24	108	.3	2	2	2	120	1	40
L52+00N 98+00E	2	28	15	118	.4	2	2	2	137	1	50
L52+00N 98+50E	6	62	13	136	1.1	2	2	2	92	2	30
L52+00N 99+00E	4	27	16	126	.4	2	2	2	135	1	20
L52+00N 99+50E	1	19	13	120	.2	2	2	2	125	3	40
L52+00N 100+00E	2	27	7	112	.5	2	2	2	103	3	30
L52+00N 100+50E	1	19	13	127	.3	4	2	3	119	2	30
L52+00N 101+00E	2	27	16	455	.4	5	3	2	135	3	20
L52+00N 101+50E	1	30	7	150	.3	3	2	2	129	1	40
L52+00N 102+00E	1	20	9	113	.2	3	2	2	104	1	40
L52+00N 102+50E	2	24	12	108	.2	2	2	2	105	2	20
L52+00N 103+00E	1	20	16	147	.2	3	2	2	157	1	30
L52+00N 103+50E	1	29	12	175	.2	2	2	3	127	1	30
L52+00N 104+00E	2	20	14	136	.1	4	2	2	134	1	50
L52+00N 104+50E	2	26	14	180	.1	5	2	2	139	2	20
L52+00N 105+00E	2	20	9	148	.1	3	2	3	100	1	30
L52+00N 105+50E	2	19	10	134	.1	8	4	2	131	4	20
L52+00N 106+00E	2	19	9	120	.1	6	2	2	132	2	30
STD C	18	58	40	132	7.2	40	18	21	173	12	1300

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## APPENDIX 2

### SCINTREX SE-88 E. M. SURVEY

#### Instrumentation:

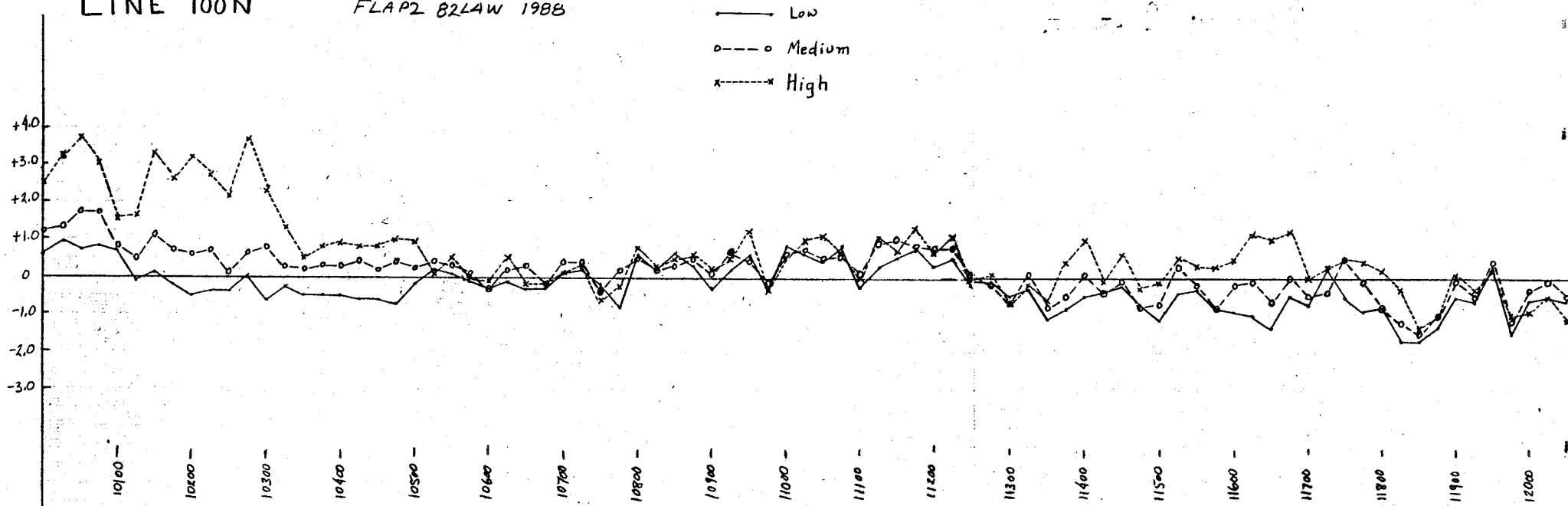
The Scintrex SE-88 E.M. unit differs from the normal HLEM systems such as the MaxMin II in that it measures without regard to phase the ratio of signal amplitude between two frequencies which are transmitted and received simultaneously. A low frequency of 112 Hz is used as a reference frequency. The signal difference is integrated or averaged over a period of time in order to improve the signal to noise ratio.

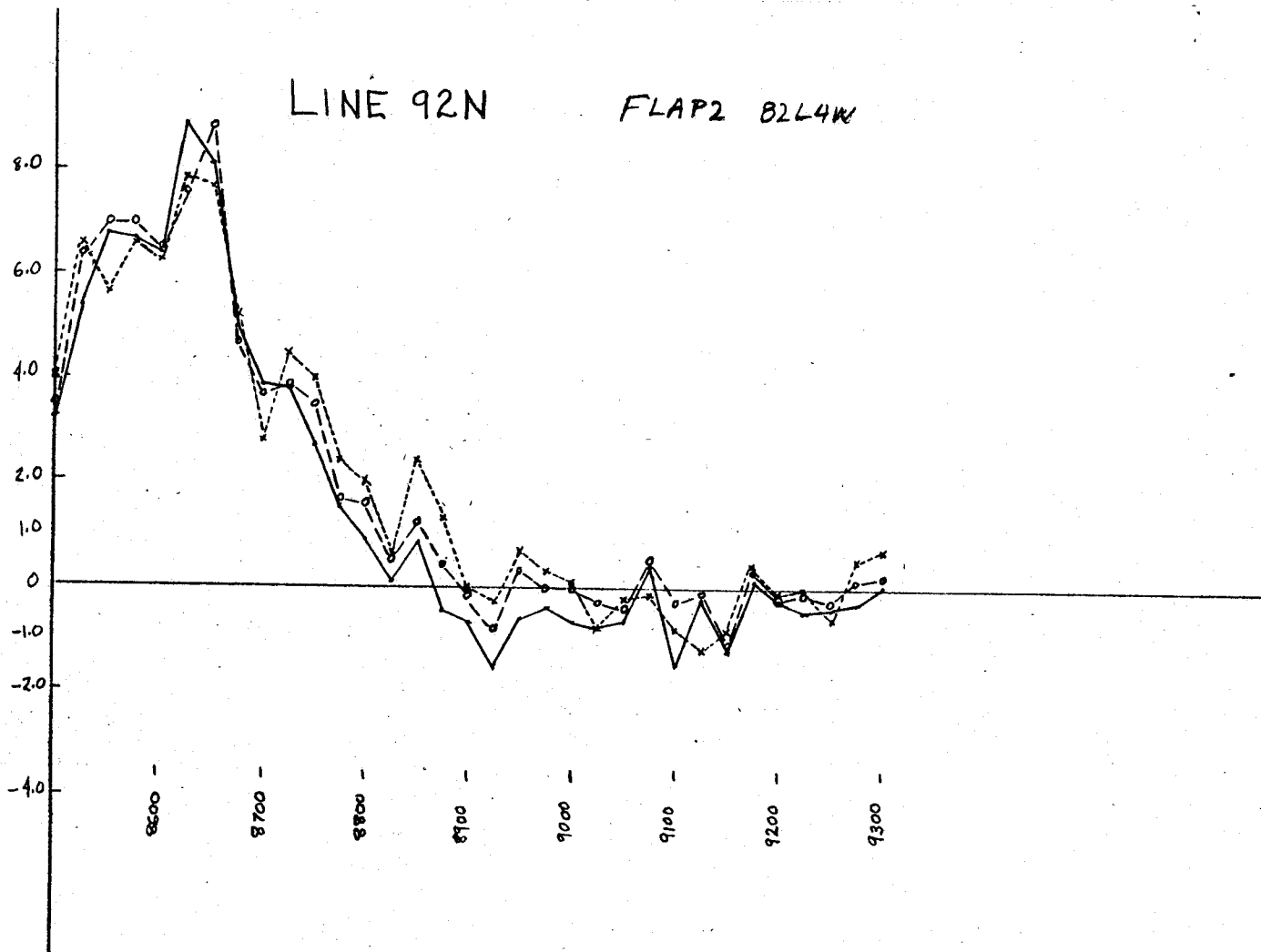
The survey parameters employed on this program are as follows:

Coil separation	: 50 metres
Frequencies	: 3037, 1012, 337 Hz
Reference frequency	: 112 Hz
Integration period	: 8 seconds
Reading interval	: 25 metres
Measurement	: ratio of amplitude between reference and signal, frequency, %
Operator	: Gerry Hayne, BSc.

# LINE 100N

FLAP2 82LAW 1988

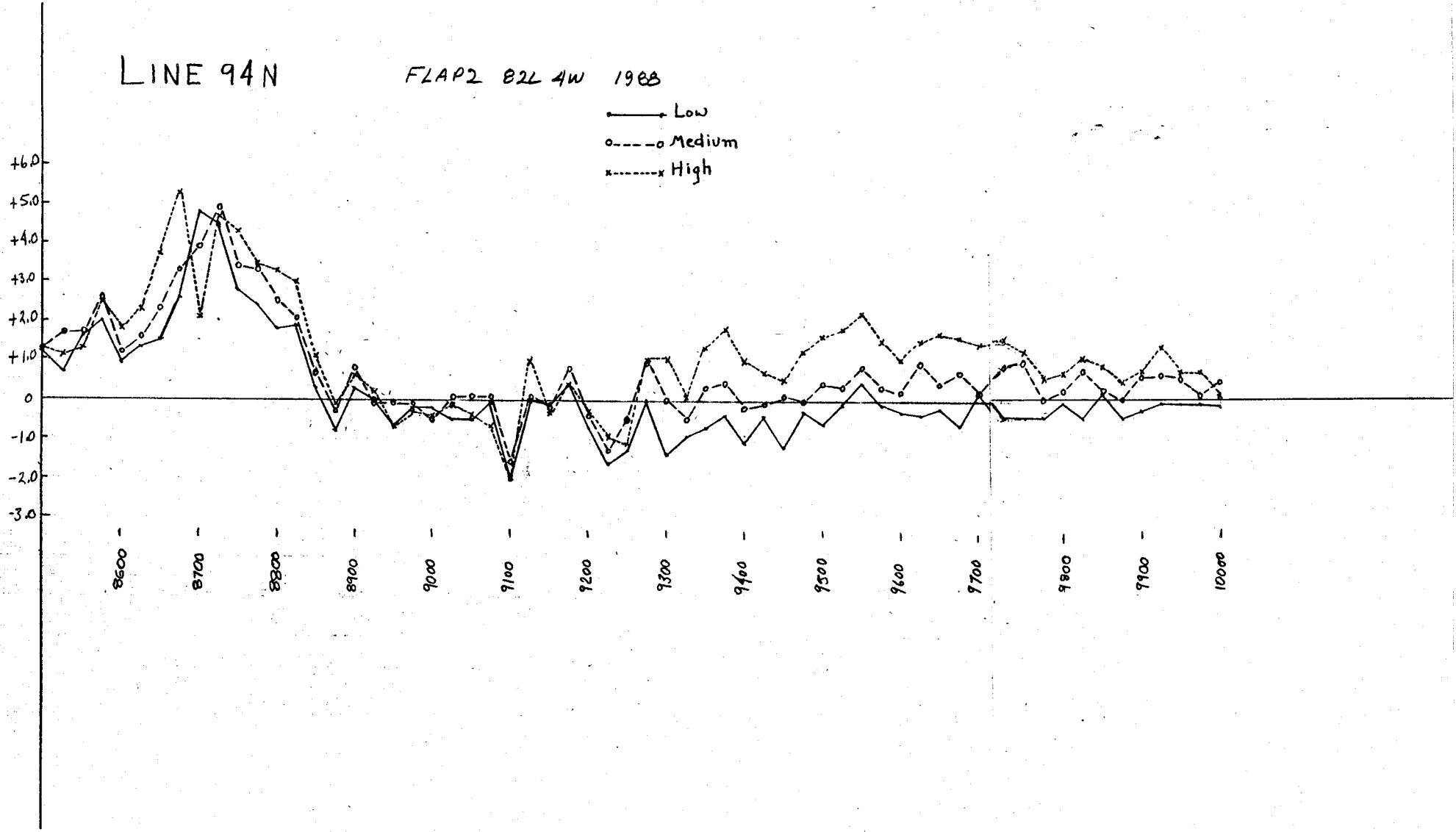


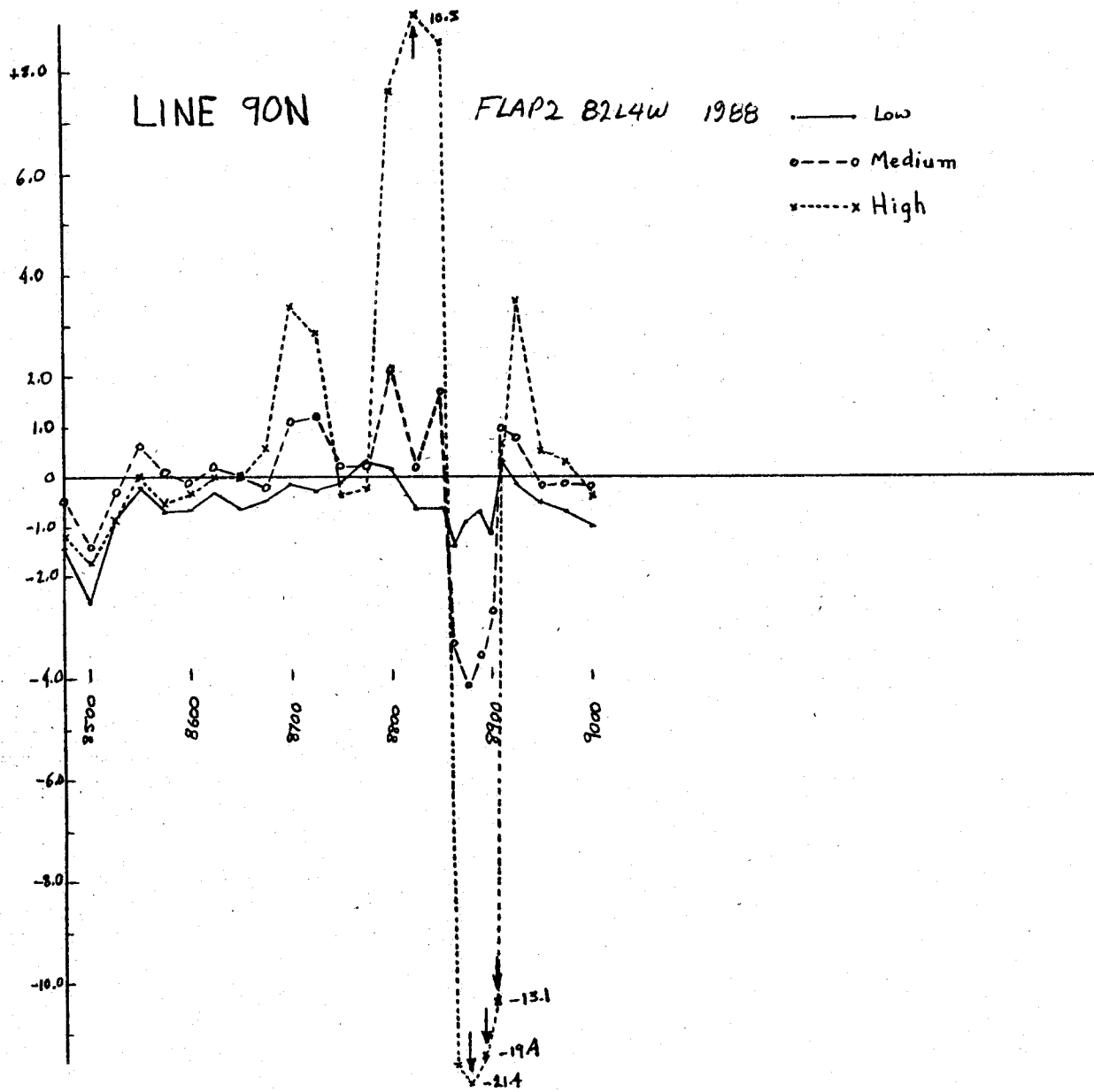


LINE 94N

FLAP2 B2L 4W 1988

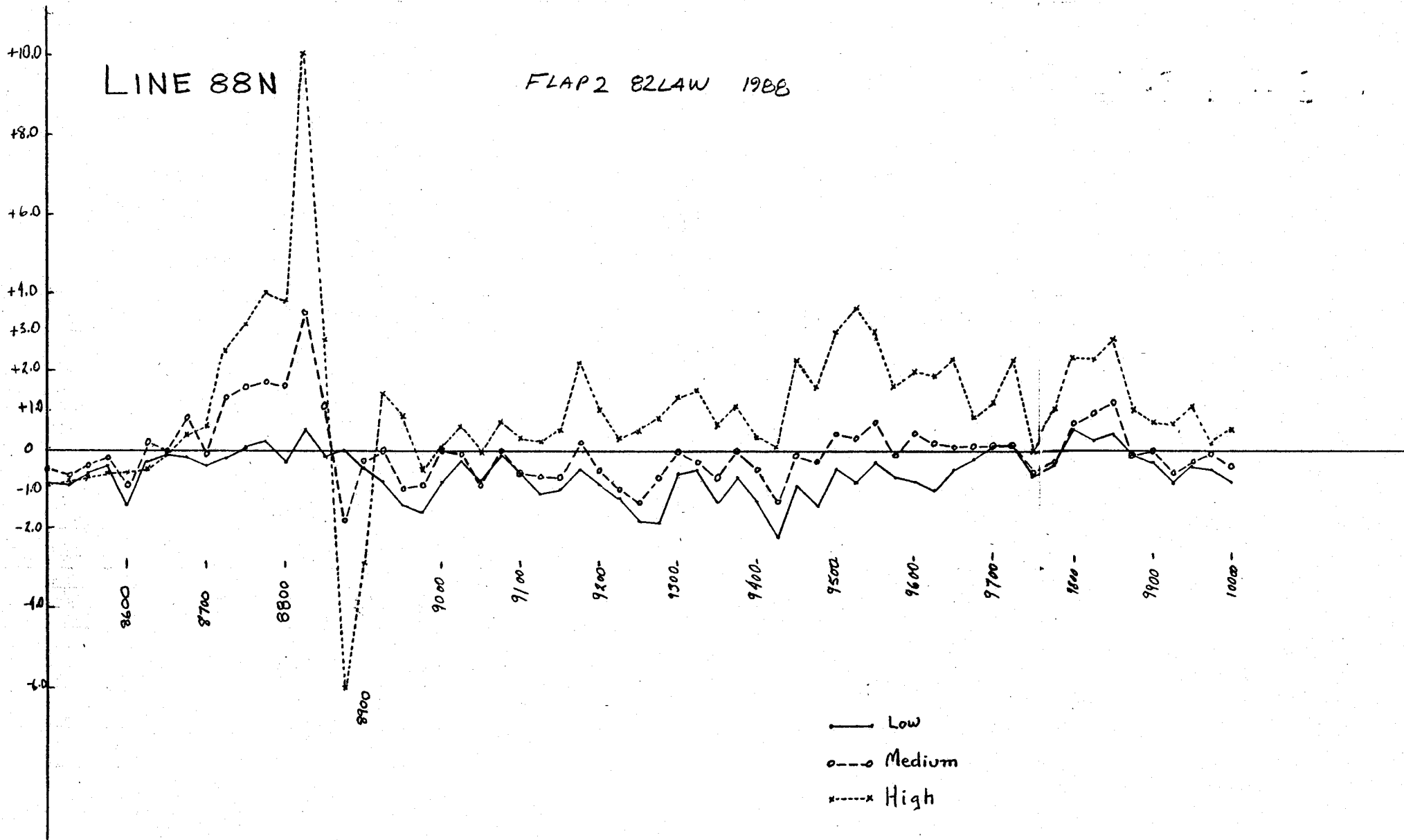
—•— Low  
- - - o - - - Medium  
- - - x - - - High





LINE 88N

FLAP2 82LAW 1988

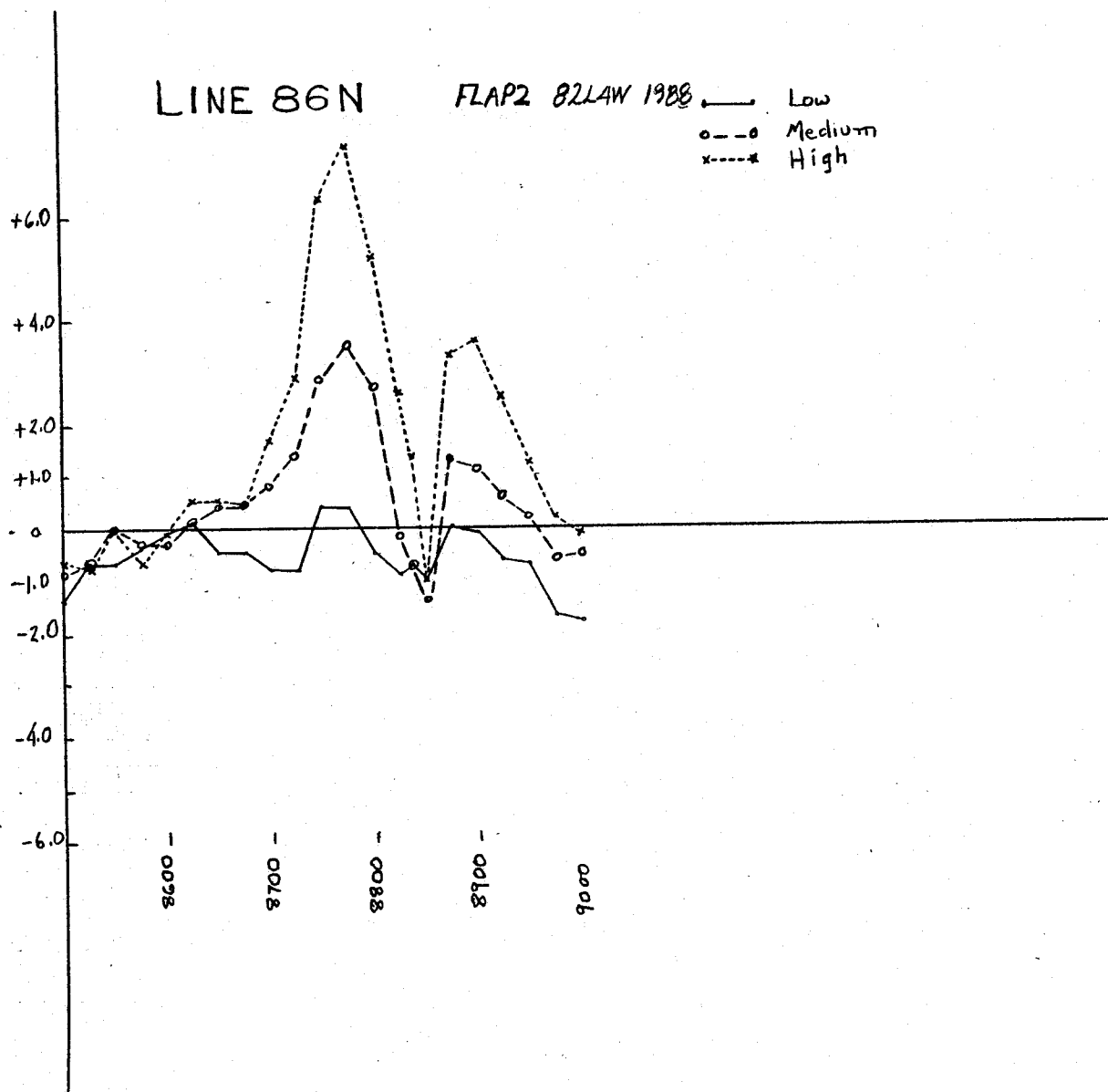




LINE 86N

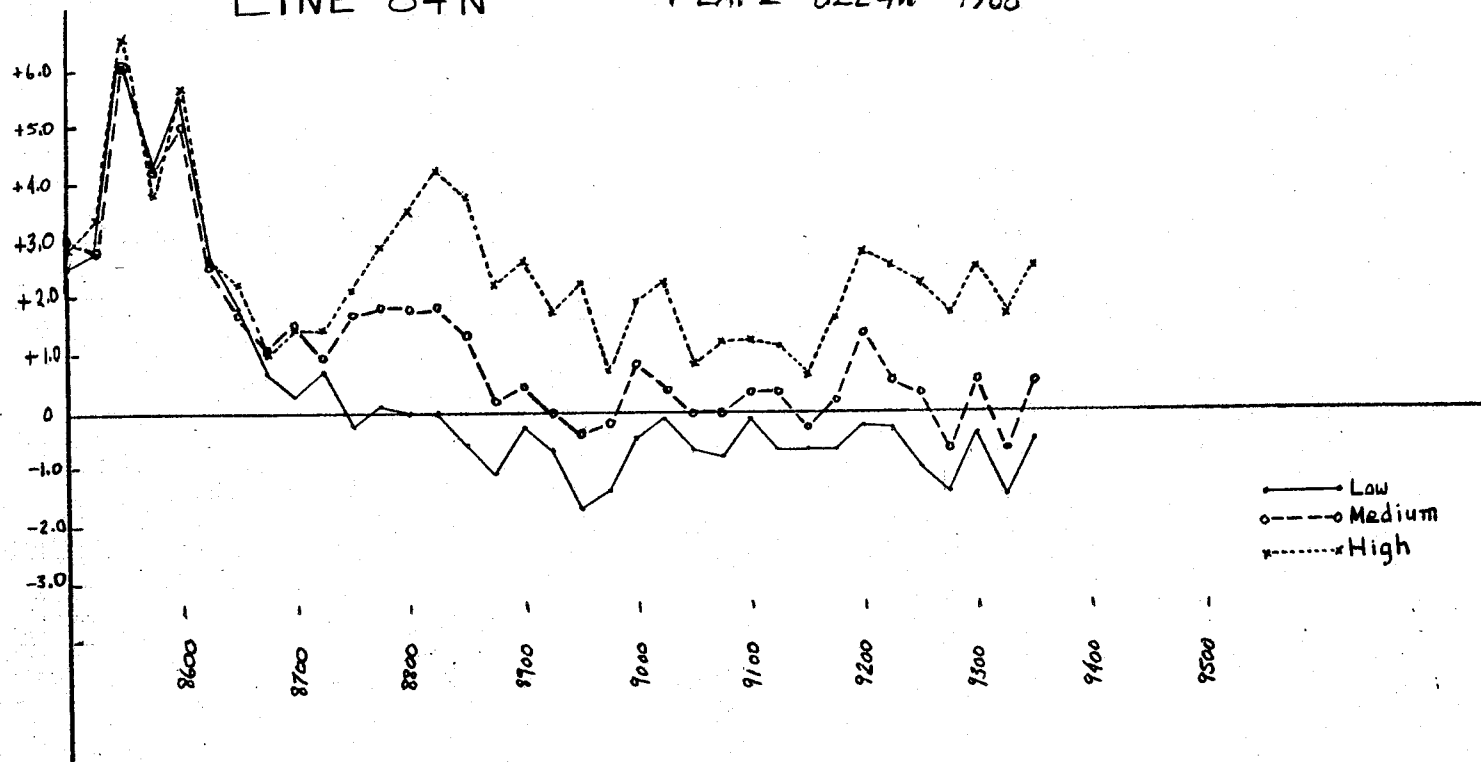
FLAP2 82LAW 1988

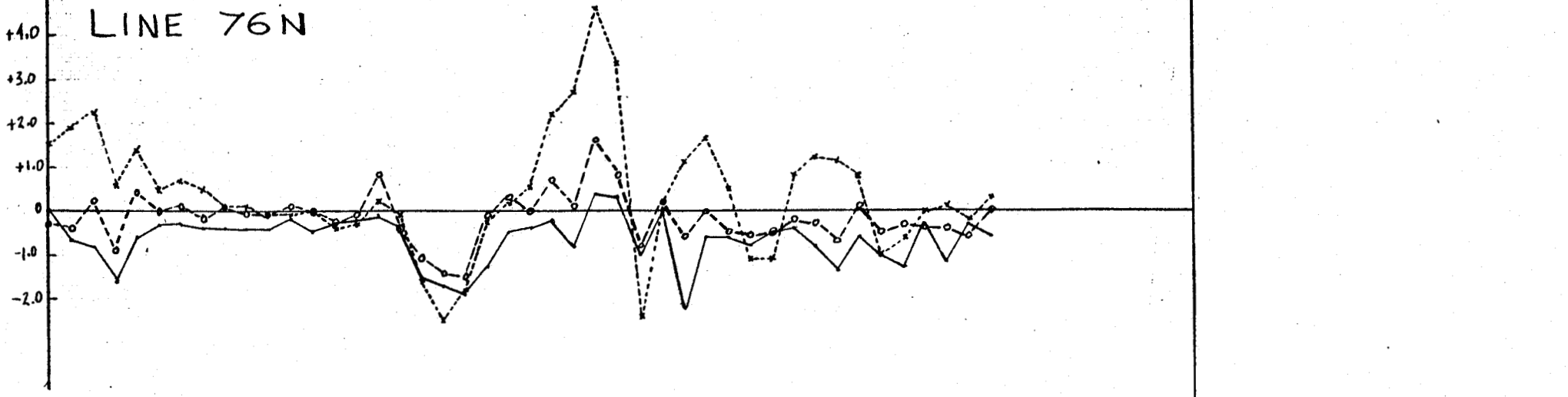
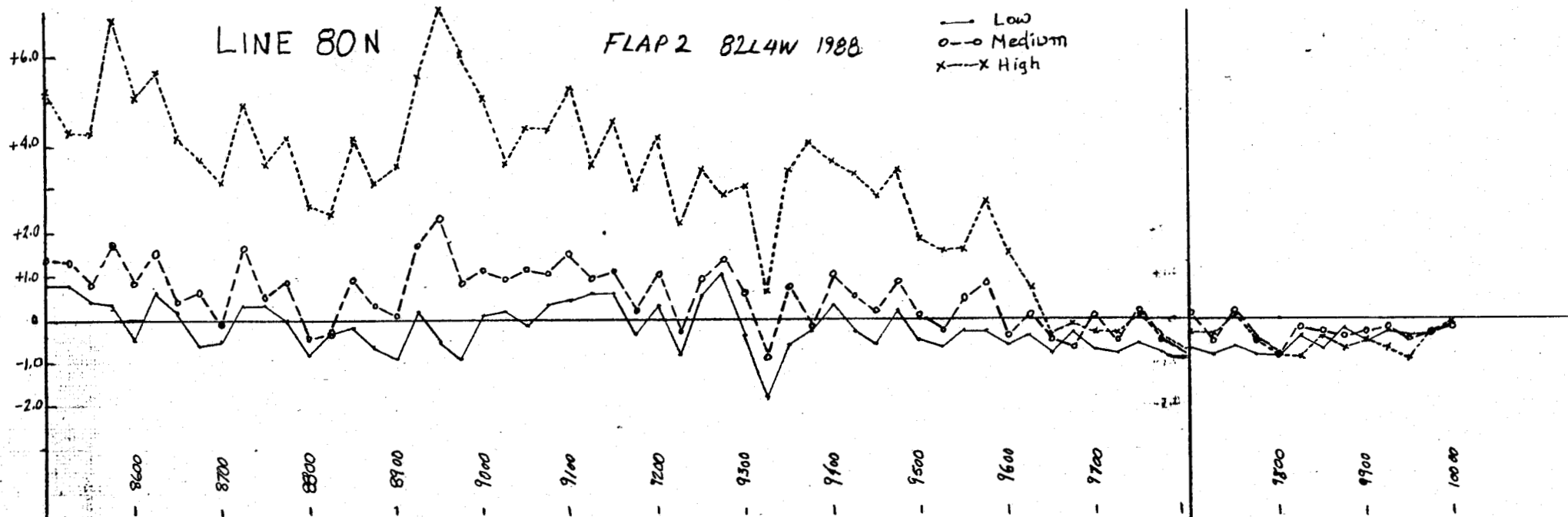
— Low  
o---o Medium  
x---x High

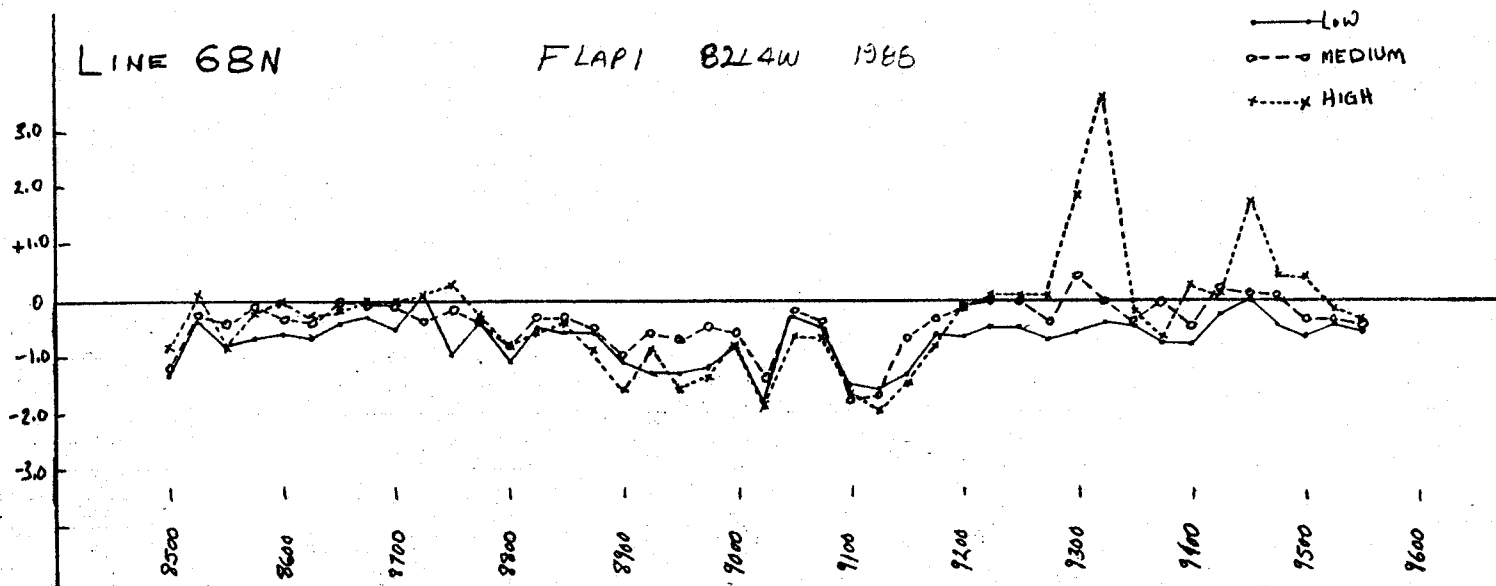


LINE 84N

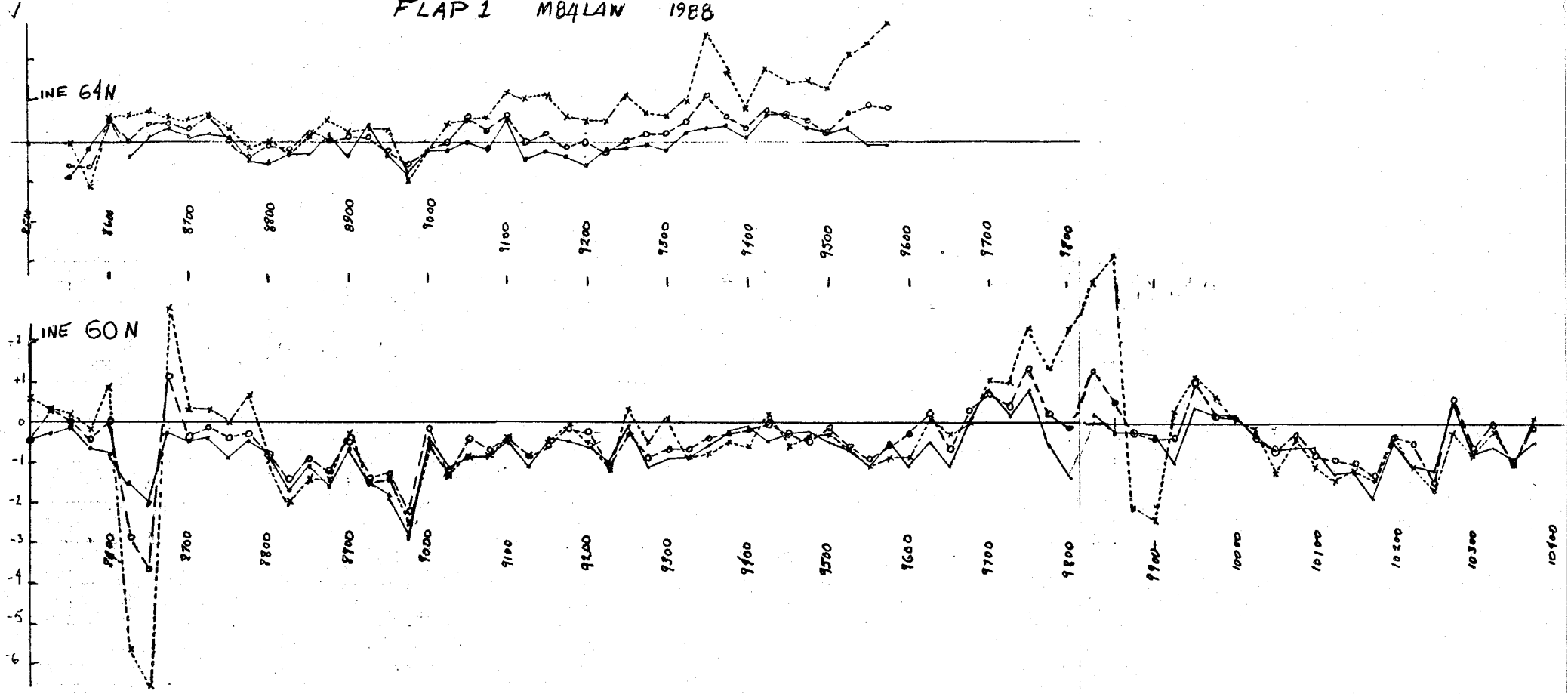
FLAP2 82L4W 1988

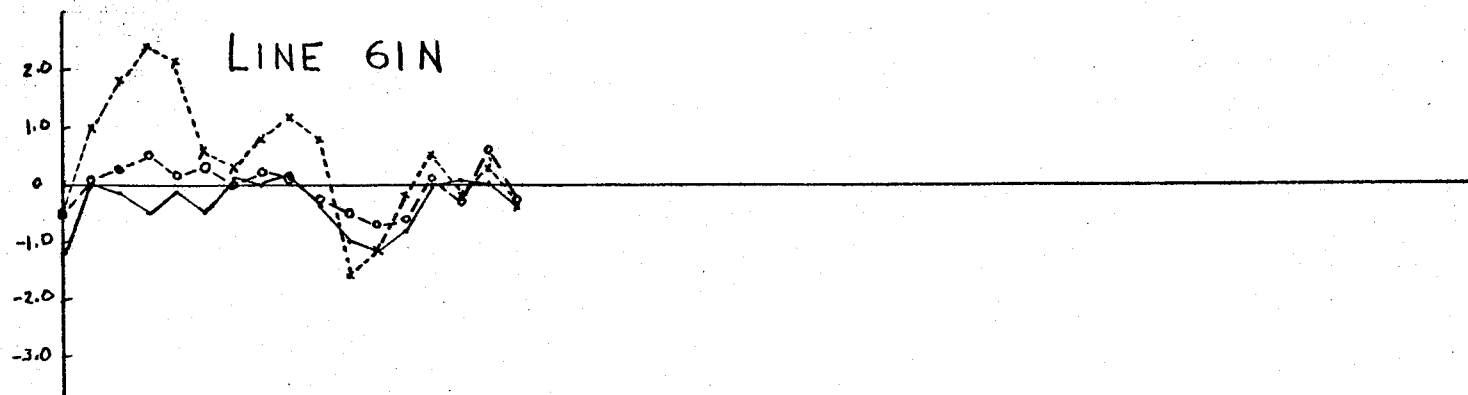
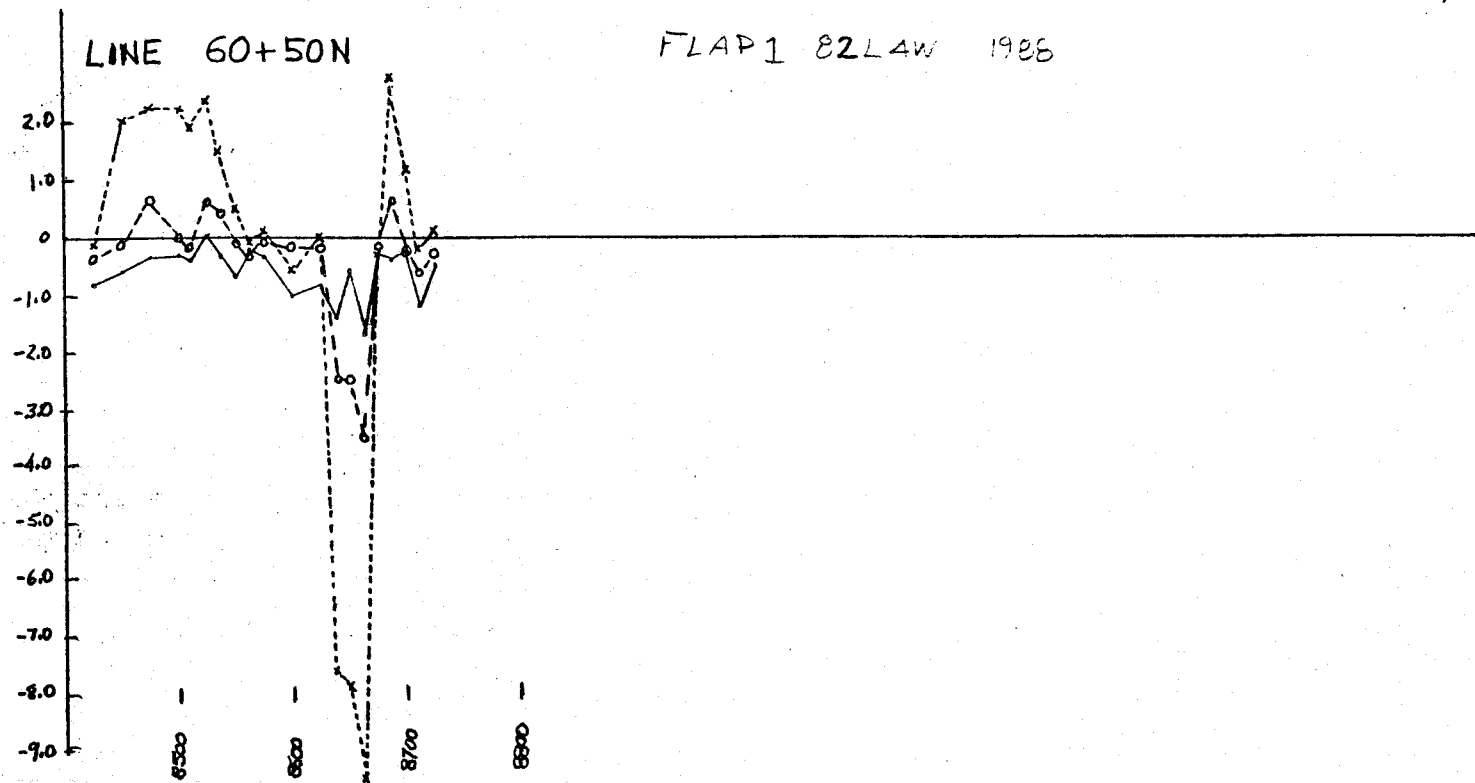




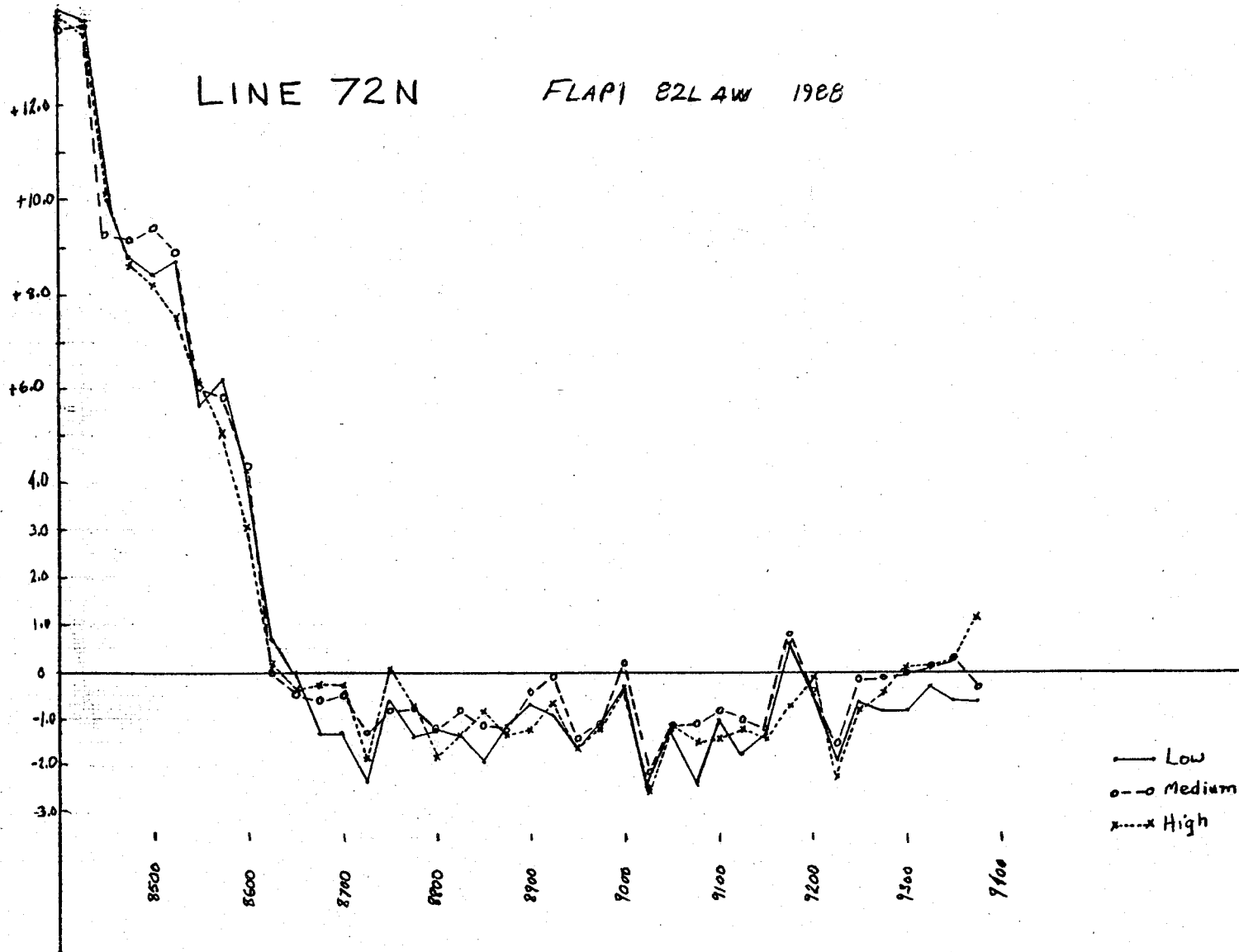


FLAP 1 MB4LAN 1988











LOGISTICAL REPORT

INDUCED POLARIZATION/RESISTIVITY SURVEYS

FLAP PROPERTY

KELOWNA AREA, B.C.

on behalf of

GUINET MANAGEMENT INC.  
305 - 850 West Hastings Street  
Vancouver, B.C. V6C 1E1

Field work completed: October 3 to 12, 1988

by

Alan Scott, Geophysicist  
SCOTT GEOPHYSICS LTD.  
4013 West 14th Avenue  
Vancouver, B.C. V6R 2X3

October 13, 1988

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1 Introduction	1
2 Survey Location	1
3 Survey Grid and Survey Coverage	1
4 Personnel	1
5 Instrumentation and procedures	2
6 Recommendations	2

## 1. INTRODUCTION

Induced polarization and resistivity surveys were conducted over portions of the Flap Property, Kelowna Area, B.C., within the period October 3 to 12, 1988. The work was conducted by Scott Geophysics Ltd. on behalf of Guinet Management Inc.

The pole dipole electrode array was used on the survey, with an "a" spacing of 25 meters and "n" separations of 1 to 5. The current electrode was to the east of the receiving electrodes on all survey lines.

## 2. SURVEY LOCATION

The Flap Property is located some 50 kilometers northwest of Kelowna, B.C. Access to the survey area is by a the Esperon Main logging road from Westbank, B.C.

## 3. SURVEY GRID AND SURVEY COVERAGE

A total of 16.775 line kilometers of induced polarization survey were surveyed on the Flap Property. Details of lines surveyed are given in the production reports.

## 4. PERSONNEL

Ken Moir, technician, was the party chief on the survey and operated the IPR11 receiver. Gary Medford, geologist, was the Guinet Management representative for the survey.

## 5. INSTRUMENTATION AND PROCEDURES

A Scintrex IPR11 time domain microprocessor based induced polarization receiver and a Scintrex 2.5 kw IPC7 transmitter were used for the survey. Readings were taken using a 2 second alternating square wave. The chargeability for the eighth slice (690 to 1050 milliseconds after shutoff; midpoint at 870 milliseconds) is the value that has been plotted on the accompanying plans and pseudosections.

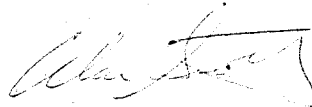
The survey data was archived, processed, and plotted using a Sharp PC7000 microcomputer running Scintrex Soft II and proprietary software. All chargeability values were analyzed for their spectral characteristics using a curve matching procedure (Soft II).

## 6. RECOMMENDATIONS

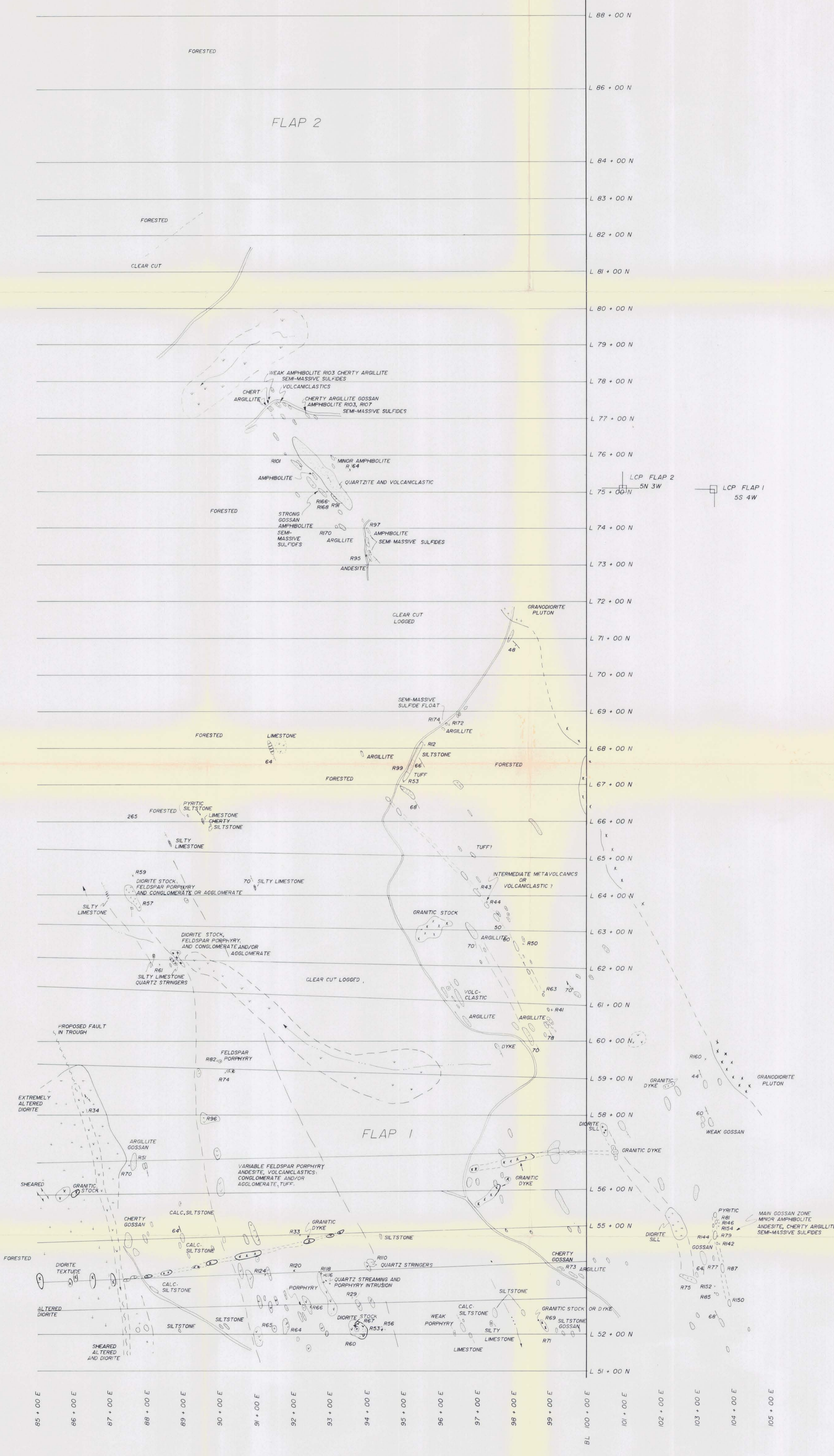
A preliminary examination of the results of the induced polarization survey indicate the presence of moderate to strong chargeability highs that merit further investigation.

A detailed interpretation of these results, and correlation to geological and geochemical information, is recommended to select specific targets for diamond drilling and/or trenching.

Respectfully Submitted,



Alan Scott, Geophysicist



**LITHOLOGIES**

- GRANDIORITE - MEDIUM TO COARSE GRAINED PLUTON, MEDIUM TO FINE GRAINED GRANITIC DYKES
- DIORITE - VARIABLE ALTERED AND SHEARED
- SEDIMENTS - LIGHT BUFF SILTSTONE, FINE GRAINED LIGHT GREEN VOLCANICLASTIC, LIGHT QUARTZITE, CALCAREOUS SILTSTONE, DARK GREY TO BLACK ARGILLITE, WHITE TO GREY CHERT.
- LIMESTONE - WHITE TO GREY LOCALLY RECRYSTALLIZED SILTY LIMESTONE, DISCREET SILTSTONE AND LIMESTONE THIN BEDS AND LENSES
- DARK GREEN ANDESITE, GREEN VOLCANICLASTICS, TUFF CONGLOMERATE AND/OR AGGLOMERATE, VARIABLE INTRUSIVE FELDSPAR PORPHYRY

**LEGEND**

- OUTCROP LIMITS WITH PROJECTED LITHOLOGICAL TRENDS
- x ROCK SAMPLES
- 70 BEDDING, WITH ATTITUDE
- sw SWAMP



**GEOLOGICAL BRANCH ASSESSMENT REPORT**

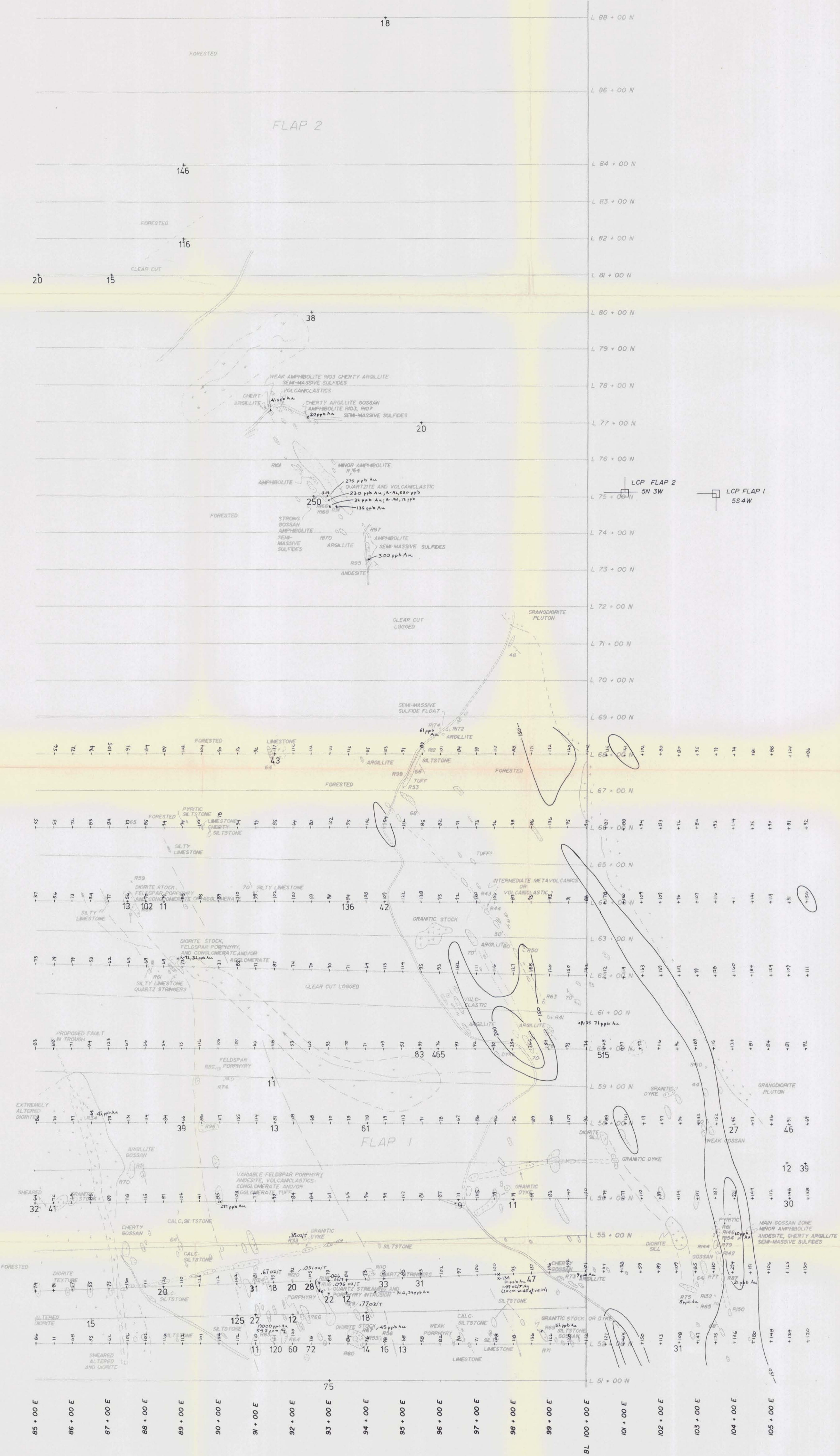
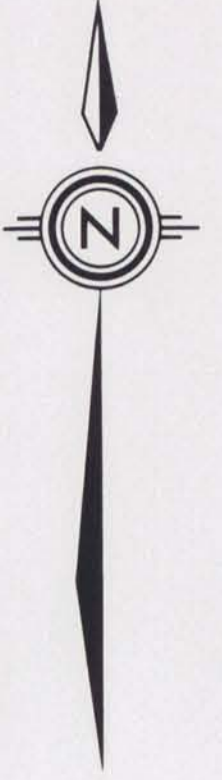
**18,724**

**REA GOLD CORPORATION**  
 FLAP PROJECT  
 NICOLA & VERNON M.D.  
**GEOLOGY**

MAP 1

SCALE 1:5000	N.T.S. 62 L 4W
DATE NOV 1988	PRODUCED BY BDS/km.

\* GEOLOGICAL MAPPING BY R. YORSTON B.Sc. CONSULTANT G.A. MEDFORD PH. D.



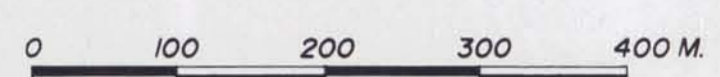
**LITHOLOGIES**

- GRANODIORITE - MEDIUM TO COARSE GRAINED PLUTON  
MEDIUM TO FINE GRAINED GRANITIC DYKES
- DIORITE - VARIABLE ALTERED AND SHEARED
- SEDIMENTS - LIGHT BUFF SILTSTONE. FINE GRAINED LIGHT GREEN  
VOLCANCLASTIC. LIGHT QUARTZITE. CALCAREOUS  
SILTSTONE DARK GREY TO BLACK ARGILLITE.  
WHITE TO GREY CHERT.
- LIMESTONE - WHITE TO GREY LOCALLY RECRYSTALLIZED  
SILTY LIMESTONE. DISCREET SILTSTONE AND LIMESTONE  
THIN BEDS AND LENSES

**LEGEND**

- OUTCROP LIMITS WITH PROJECTED LITHOLOGICAL TRENDS
- ROCK SAMPLES
- BEDDING, WITH ATTITUDE
- SWAMP

NOTE:  
ZINC IN SOILS, CONTOURED AT 150 AND 200ppm  
R-NUMBERS ARE ROCK SAMPLES ANALYSED FOR  
GOLD, oz/Ton OR PPB  
20 GOLD IN SOILS (PPB) FROM PHASE I PROGRAM



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

18,724

\* GEOLOGICAL MAPPING BY R. YORSTON B.Sc.  
CONSULTANT G.A. MEDFORD Ph. D.

<b>REA GOLD CORPORATION</b>	
FLAP CORPORATION NICOLA & VERNON M.D. PHASE 2 ROCK AND SOIL GEOCHEMISTRY (GOLD AND ZINC) MAP 2	
GUINET MANAGEMENT INC.	
SCALE 1:5000	N.T.S. 82 L 4W
DATE NOV 1988	PRODUCED BY BDS/km.



FLAP 2

LCP FLAP 2  
5M 3W

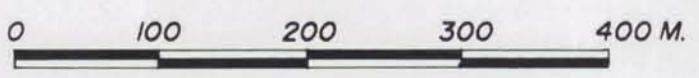
LCP FLAP 1  
5S 4W

### LITHOLOGIES

- GRANDIORITE - MEDIUM TO COARSE GRAINED PLUTON, MEDIUM TO FINE GRAINED GRANITIC DYKES
- DIORITE - VARIABLE ALTERED AND SHEARED
- SEDIMENTS - LIGHT BUFF SILTSTONE, FINE GRAINED LIGHT GREEN VOLCANICLASTIC LIGHT QUARTZITE, CALCAREOUS SILTSTONE DARK GREY TO BLACK ARGILLITE, WHITE TO GREY CHERT.
- LIMESTONE - WHITE TO GREY, LOCALLY RECRYSTALLIZED SILTY LIMESTONE, DISCREET SILTSTONE AND LIMESTONE THIN BEDS AND LENSES

- LEGEND**
- OUTCROP LIMITS WITH PROJECTED LITHOLOGICAL TRENDS
  - ROCK SAMPLES
  - BEDDING, WITH ATTITUDE
  - SWAMP

NOTE:  
TOTAL FIELD MAGNETOMETER READING ( UNCORRECTED )  
LESS 50 000 GAMMAS  
CONTOURED AT 57 000 AND 58 000 GAMMAS  
INSTRUMENT : SCINTREX MP-2



GEOLOGICAL BRANCH  
ASSOCIATED COMPANY

18.724

\* GEOLOGICAL MAPPING BY R. YORSTON B.Sc.  
CONSULTANT G.A. MEDFORD Ph. D.

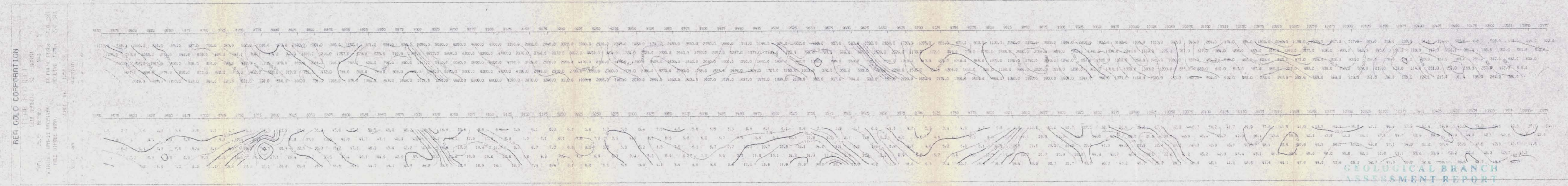
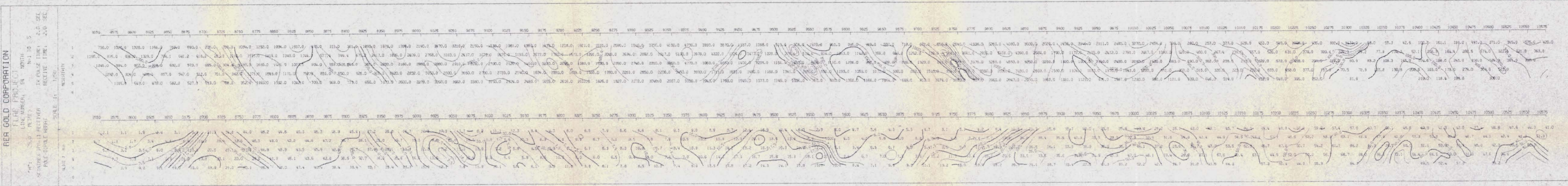
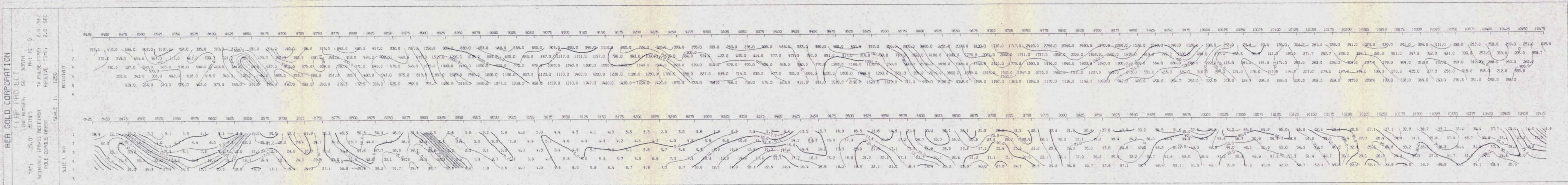
REA GOLD CORPORATION

FLAP PROJECT  
NICOLA & VERNON M.D.  
PHASE 2  
MAGNETOMETER SURVEY

GUINET MANAGEMENT INC.

SCALE 1 : 5000	N.T.S. 62 L 4W
DATE NOV 1988	PRODUCED BY BDS/km.

MAP 3



SCALE  
0 50m  
1:2000

NOTE:  
INDUCED POLARIZATION  
SURVEY BY SCOTT GEOPHYSICS LTD.

18.724  
REA GOLD CORPORATION  
FLAP PROJECT  
FLAP I CLAIM

NICOLA MINING DIVISION  
(INDUCED POLARIZATION SURVEY)  
LINES 52,54,56 SECTION I

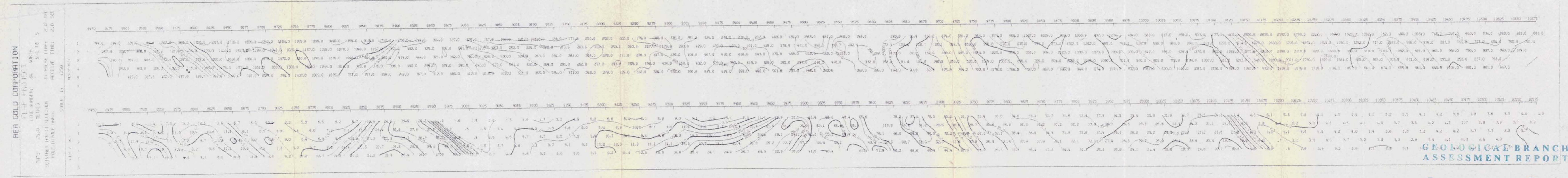
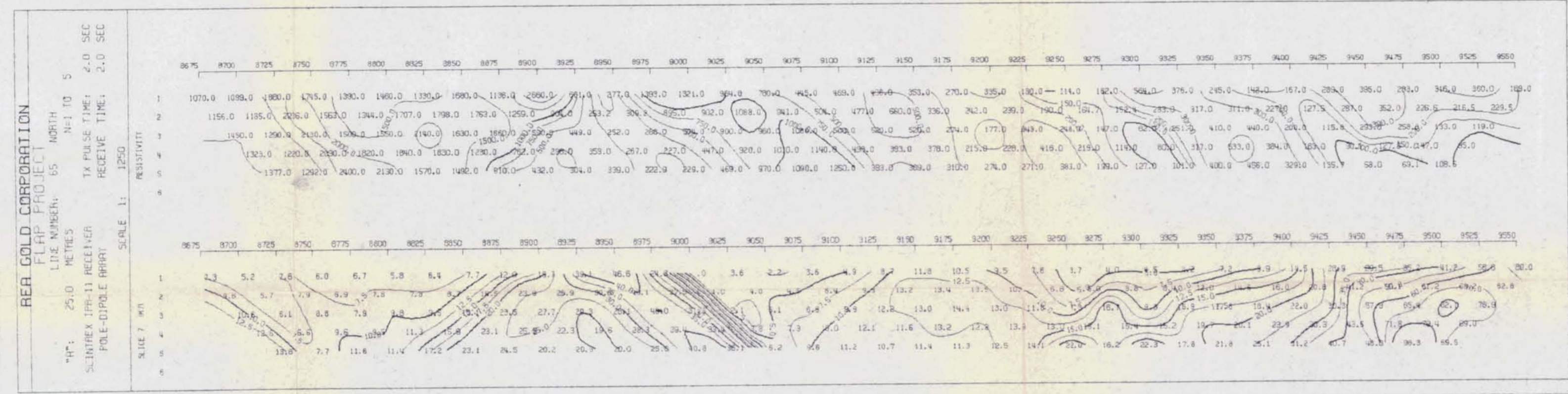
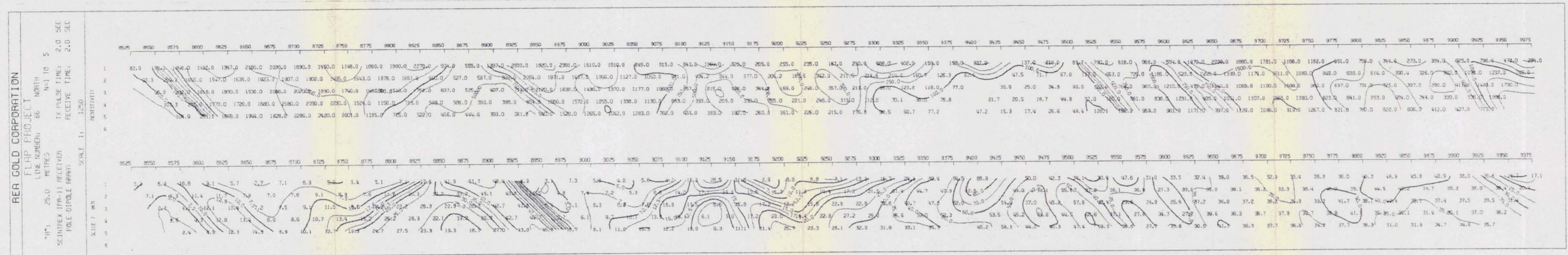
GUINET MANAGEMENT INC.

SCALE 1:2000	NTS. 82L4W
DATE DECEMBER 1988	PRODUCED BY

GEOLOGICAL BRANCH  
ASSESSMENT REPORT







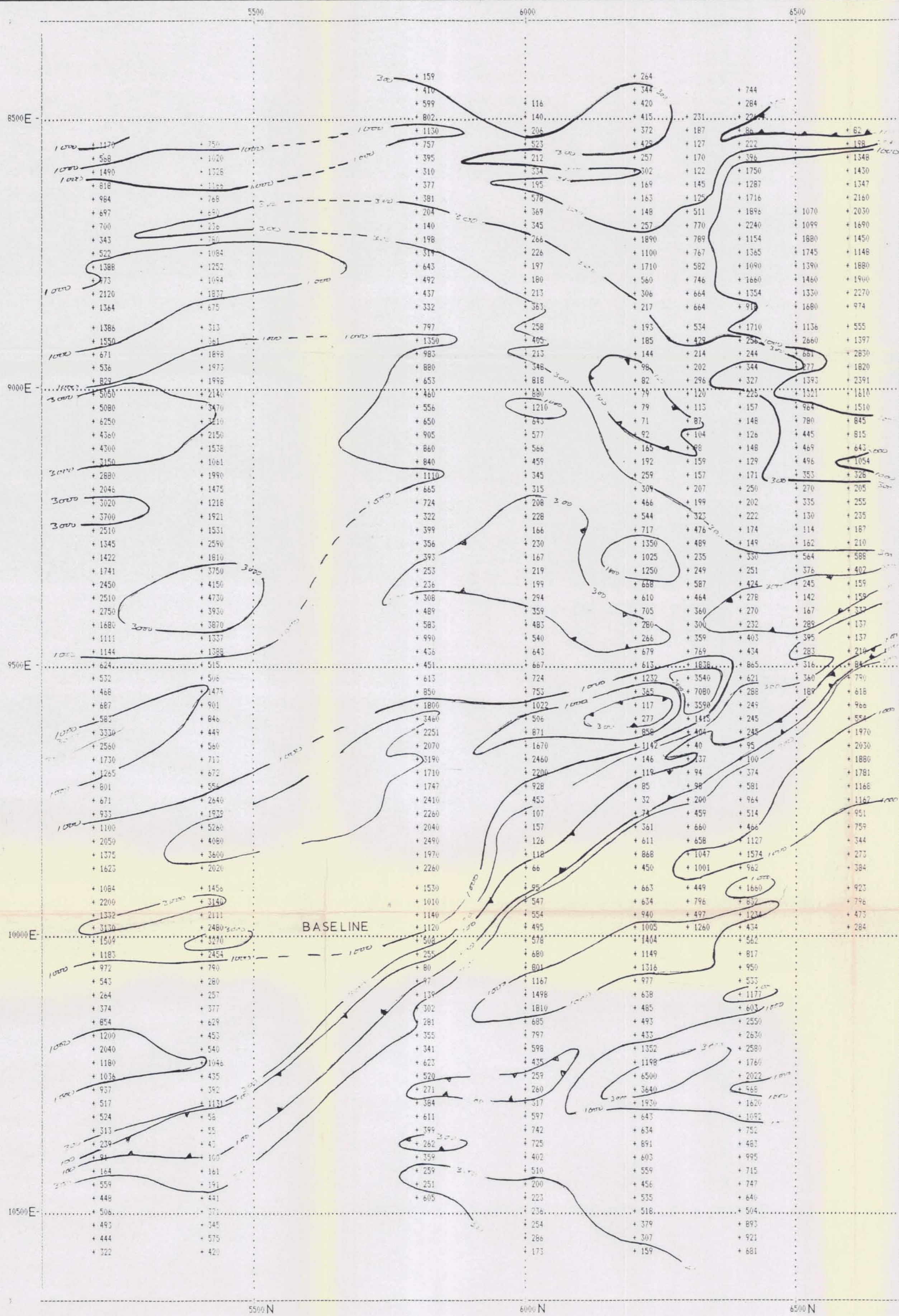
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

18,724

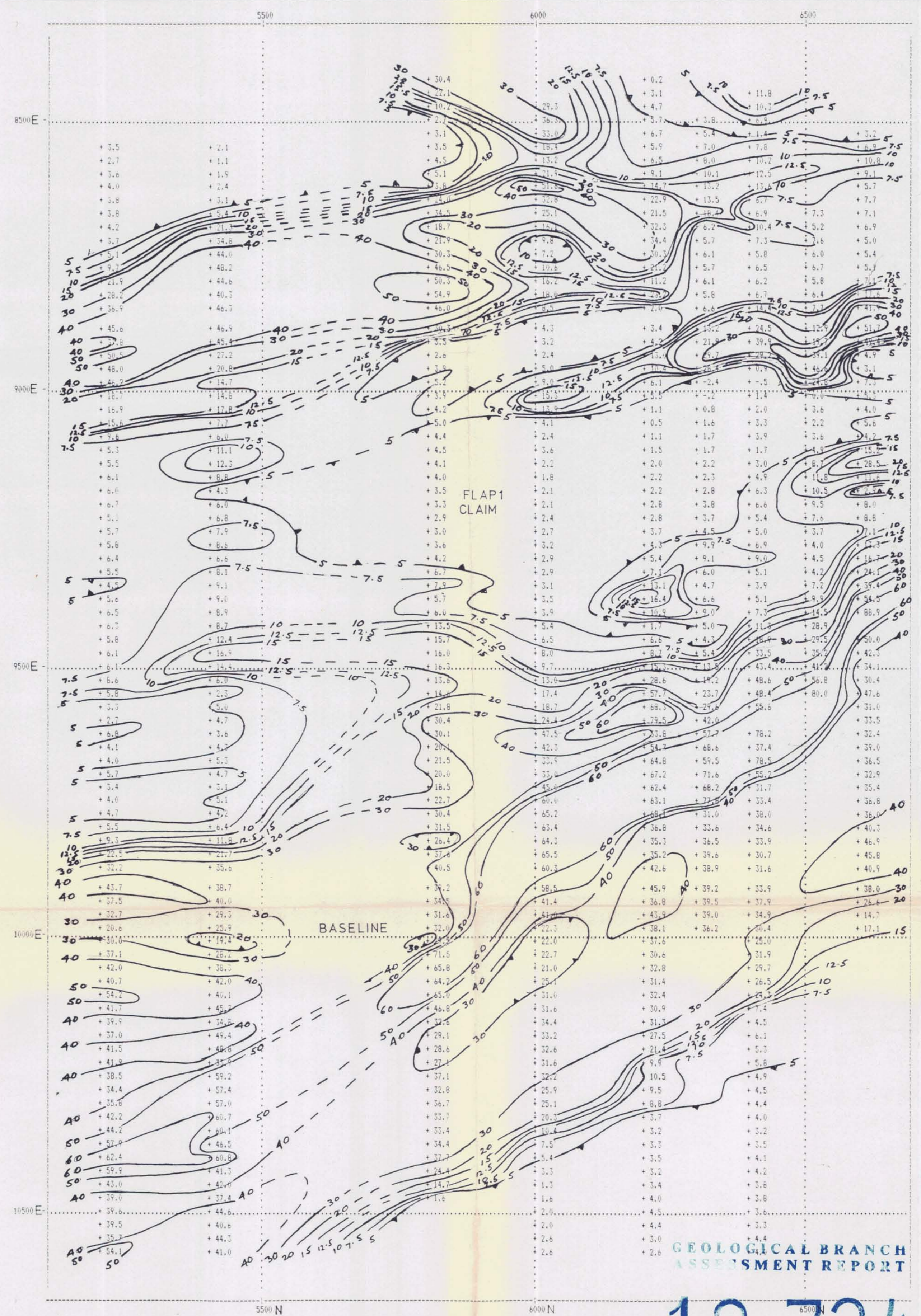
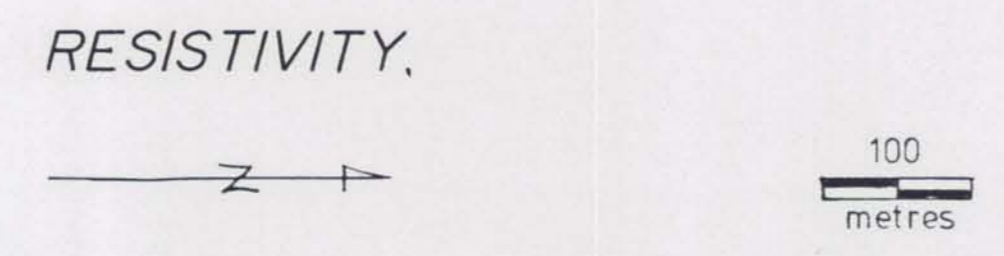
REA GOLD CORPORATION	
FLAP PROJECT FLAP I CLAIM	
NICOLA MINING DIVISION (INDUCED POLARIZATION SURVEY) LINES 64,65,66 SECTION 3	
GUINET MANAGEMENT INC.	
SCALE 1:2000	NTS. 82L4W
DATE DECEMBER 1988	PRODUCED BY

SCALE  
0 50m  
1:2000

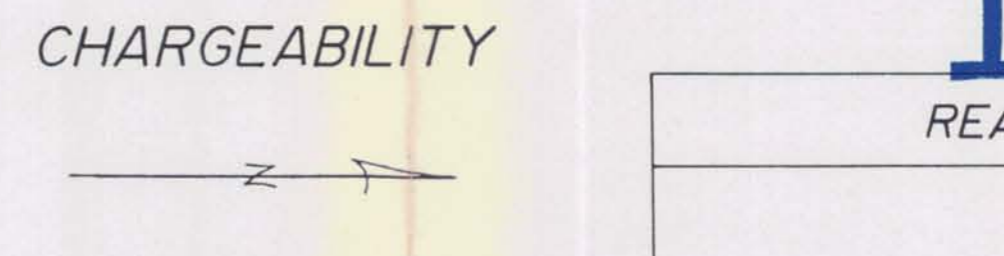
NOTE  
INDUCED POLARIZATION  
SURVEY BY SCOTT GEOPHYSICS LTD.



REA GOLD CORPORATION  
 FLAP PROJECT, KELLOWAN B.C.  
 INDUCED POLARIZATION SURVEY  
 Array: Pole-dipole CI post Dir: W # 25  
 Field: RES. Sep: 1 DATE: October 12, 1988  
 Scale 1:5000 User: Alan Scott  
 © Scott Geophysics Limited



REA GOLD CORPORATION  
 FLAP PROJECT, KELLOWAN B.C.  
 INDUCED POLARIZATION SURVEY  
 Array: Pole-dipole CI post Dir: W # 25  
 Field: M Sep: 1 DATE: October 12, 1988  
 Scale 1:5000 User: Alan Scott  
 © Scott Geophysics Limited



GEOLOGICAL BRANCH  
 ASSESSMENT REPORT

**18,724**

REA GOLD CORPORATION  
 FLAP PROJECT  
 FLAP I CLAIM  
 NICOLA MINING DIVISION  
 (INDUCED POLARIZATION SURVEY)  
 RESISTIVITY AND CHARGEABILITY PLAN N°1  
 GUINET MANAGEMENT INC.  
 SCALE 1:5000 N.T.S. 82L4W  
 DATE DECEMBER 1988 PRODUCED BY