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42A12NE0780 63.5941 LOVELAND

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A Downhole PEM Probe and Diamond Drilling
Report on the Property of

DAVID J. MEUNIER

Loveland Township
Porcupine Mining Division
Ontario

By

David J. Meunier

DAVID J. MEUNIER
403 Dome Street, South Porcupine, Ontario P0N 1H0

(705) 235-5426

July 1990

I,-0002-90

DP90-411

OPAP Grant OP90-411

Two other Individuals, upon receiving government approval redirected parts of their grant monies to the Loveland Property. They are R.P. Bowen, OP90-406 and David Fenato, OP90-439.

LOCATION AND ACCESS

The property consists of seventy (70) claims, located in Loveland Township, (M-293), Porcupine Mining Division. Approximately 24 km northwest of the downtown area of the City of Timmins. Access is via the Kamiskotia Highway turning onto a gravel forest access road just before the old Kam-Kotia Mine. The property is approximately 7 km north of this turnoff and the road itself runs right through the claim group.

WORK PERFORMED

Initial work performed was manual in nature, consisting first of chaining a grid in preparation for a deep penetrating ground electromagnetic survey using the UTEM method. This time domain system, which is a step response (not a pulse system) was developed by Lamontagne Geophysics and is particularly good in looking for deep seated or blind conductors. The results of this survey were submitted under an earlier grant.

Since the unit is capable of measuring down over two thousand feet it is extremely important that the utmost care be taken when chaining survey lines to minimize the possibility of recording false conductors. To this end the slope chainage method was employed. See part IV of Daily Reports for specific days.

The second stage of manual work involved relocating old drill holes R-80-A-2 and R-81-A-3 so that a down-the-hole PEM survey could be performed. This was facilitated by reconstructing parts of the old Gulf Minerals Canada Ltd. baseline and more specifically line 76+00 south along which the two above mentioned drill holes were collared.

After locating these holes sand and debris was removed from around the collars and a dummy probe was lowered in the hole by means of a wire cable attached to one end of the probe and the other to a hand operated winch. This procedure is routinely followed prior to conducting the actual downhole survey to minimize the loss of the actual survey probe itself through debris falling into the hole or cave-in.

The third and final stage of manual labor involved assisting in the laying out of a large loop in preparation for the down hole PEM survey of holes R-80-A-2 and R-81-A-3. Finally, time was spent trying to locate the collar of hole R-80-A-1. This work was performed by the author and Mr. Harold Durham, please refer to Part IV of the Daily Report for specific days.

Results of the borehole PEM survey of drill holes R-80-A-2 and R-81-A-3 were conducted by Val D'or Geophysics Ltd. Both holes were surveyed along their entire lengths with no conductors detected. Since this survey technique is only capable of detecting conductors within a 500 foot radius of the probe's location, it follows that conductors could still be in the vicinity but just outside the detection limits. Included in this report are Figures 9 and 10 which are profiles of the survey data and Figure 11 which is a cross-section of the holes.

DIAMOND DRILLING

Finally, a one hole diamond drill program was initiated to test a weak, deep seated UTEM anomaly believed to be positioned at about 7+50 m east on line 10+00 south. Hole LDM-2-90 was drilled using BQ core, collared at 7+75 m east on line 10+00 south and drilled at an angle of -77° along the line at azimuth 246° to a depth of 1,306 feet.

The conductor, which we attempted to intersect was believed to be in close proximity to a very important altered and mineralized rhyolite-andesite contact. This same contact was intersected by Gulf Minerals hole R-80-A-2 and located approximately 600 feet north of LDM-2-90. The Gulf hole intersected significant alteration as evidenced by intense silicification with the rhyolite approaching 80% SiO_2 in places and low Na_2O with some sections having less than 0.1%. Additionally, anomalous values in Cu, Pb and Zn over 7.5 feet were reported at this same contact. This contact is interpreted to be the same horizon in which past producers Kam-Kotia, Canadian Jamieson and Jameland were located. Hence any conductors along this horizon deserve special attention.

Since the UTEM anomaly that was detected in an earlier program had a limited strike length of 150 meters and a width of ± 15 meters and a depth of 150 meters it became much more difficult to predict it's precise location and therefore it may have been overshot by drill hole LDM-2-90.

CONCLUSIONS AND RECOMMENDATIONS

While the borehole PEM survey of holes R-81-A-3 and R-80-A-2 did not detect any conductors, the drilling of hole LDM-2-90 which was funded by this OPAP grant did meet with some success. For instance, a number of rhyolite-andesite contacts were intersected with much more Na_2O depletion recorded over greater widths within the rhyolites, along with higher SiO_2 counts than previously noted in earlier drilling further to the north. For example, 15 out of 32 samples analyzed had Na_2O counts lower than 1% with eight of those having less than 0.5% and 16 out of 32 samples had SiO_2 counts higher than 75% with 3 of those having values greater than 79%. Furthermore, a number of anomalous zones of Cu-Pb-Zn were encountered, i.e.:

5,000 PPM Zn from 1,030' to 1,031'

232 PPM Pb from 1,030' to 1,031'

535 PPM Cu from 337' to 339'

It is recommended that the entire contact area be surveyed using the deep penetrating and very successful UTEM instrument to search out and detail any blind conductors that may exist. Given that the types of EM survey equipment used by the previous owner and explorer of the property, Gulf Minerals Canada Ltd., did not have the depth penetration of the present generation of equipment, i.e. 150 m vs 800 m, it is quite possible that conductors exist but were out of range of the older equipment.

The survey should be performed over lines spaced 100 meters apart with readings taken every 50 meters along the line and every 25 meters when detailing areas that appear anomalous.

Depending on results diamond drilling may be contemplated.

Alternatively one could systematically drill the entire contact, arriving first at the most efficient program vis a vis hole spacings and depths by studying the Kam-Kotia and Jamieson deposits that were formed only a few miles south of the property.

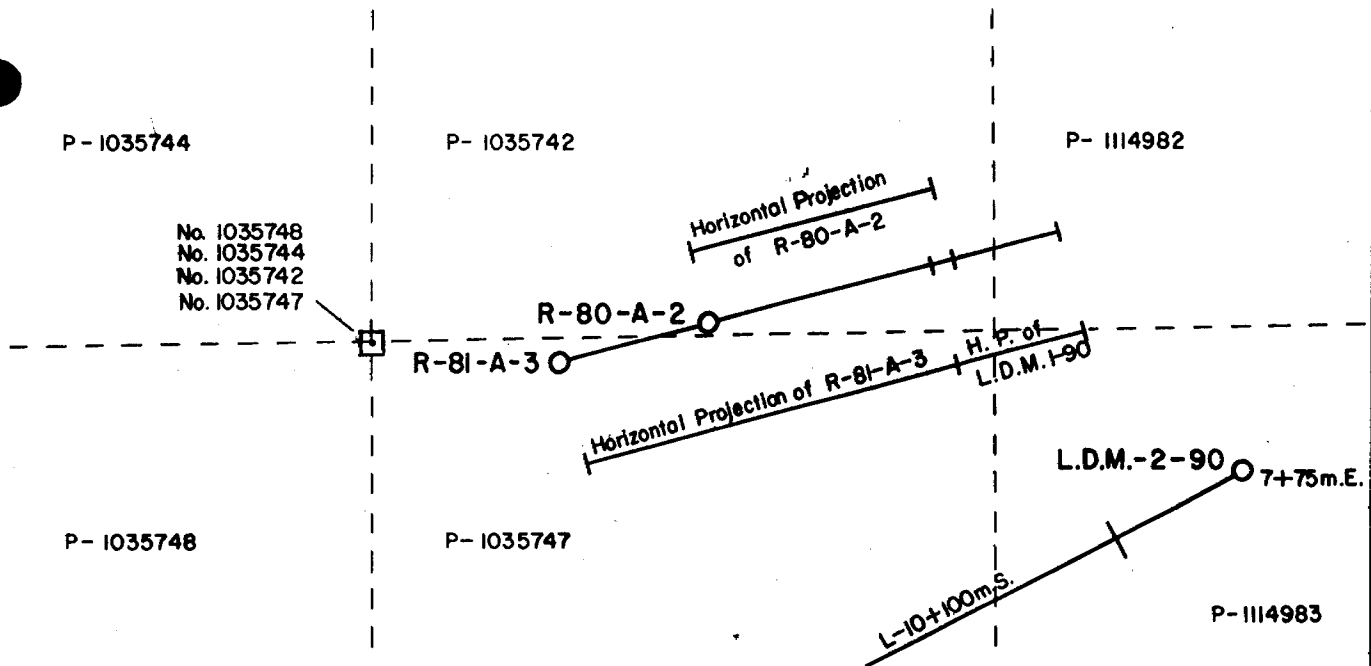
These past producers fall into a larger family of orebodies known as volcano-clastic massive sulfide deposits whose characteristics are well known thereby making such a study easier.

Once having determined the spacing and depth of each hole, they would then be routinely surveyed with a downhole PEM unit looking for any conductors existing either off to the sides or below each hole. Additionally lithogeochem analysis would be done on selected sections of drill core to detect any alteration haloes extending out from nearby orebodies and thereby assist in zeroing in on the orebody proper.

HORIZONTAL PROJECTION OF D DH'S



Refer to Plan No. M-293 for claim location within township



No. 1035748
No. 1035744
No. 1035742
No. 1035747

DAVID J. MEUNIER LOVELAND PROPERTY

Location of Diamond Drill Holes R-81-A-3
R-80-A-2

Surveyed by Borehole PEM Survey

SCALE = 1:4800



42A12NE0780 63.5941 LOVELAND

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A Diamond Drill Report on the Property of

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Loveland Township
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Ontario

By

R.P. Bowen, P.Eng.

R.P. BOWEN ENGINEERING INC.
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15 November 1990

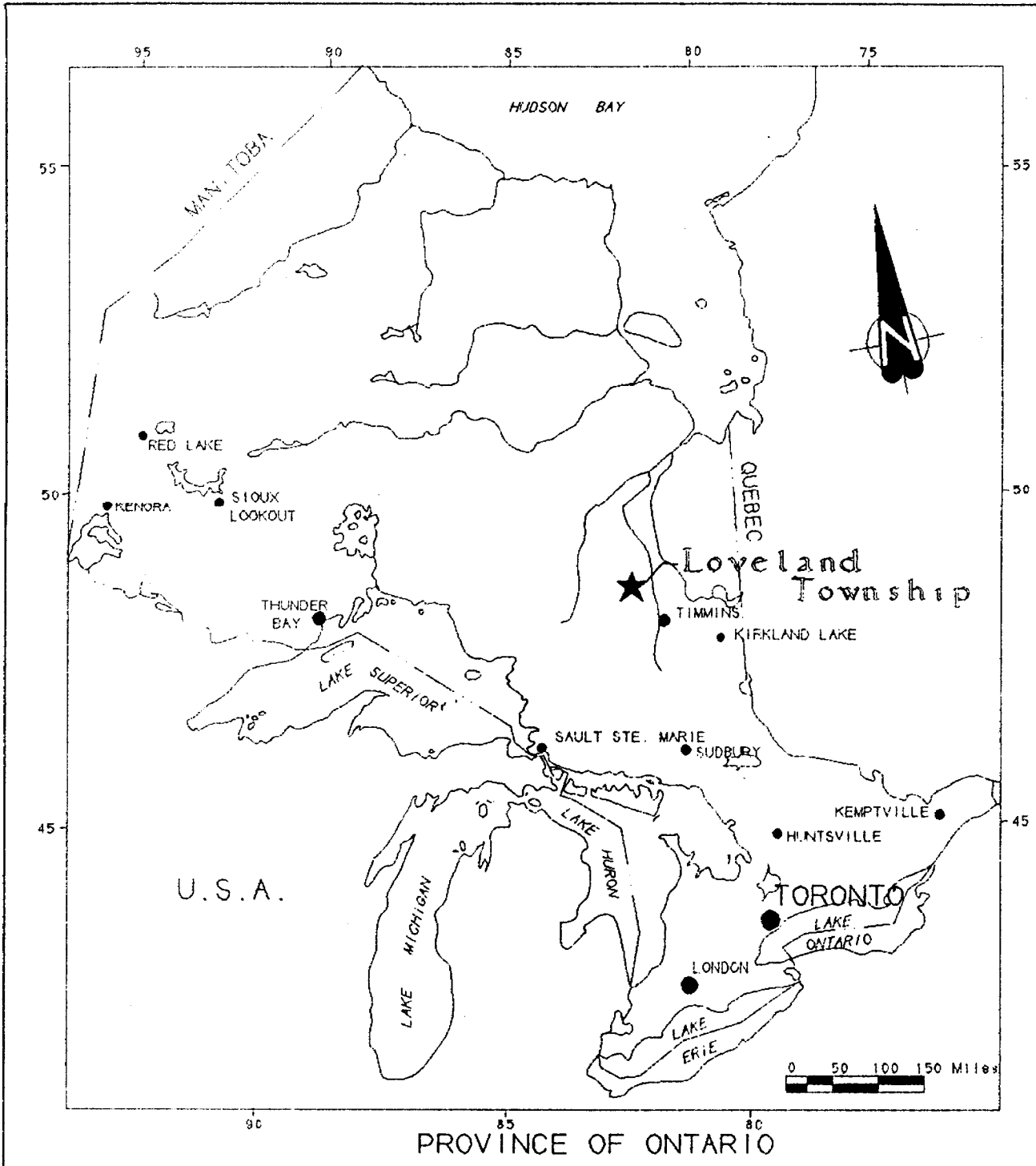
L-0002-90

SUMMARY

This report describes the results of a diamond drill hole drilled in Loveland Township under OPAP Grant Registration No. OP90-411 allotted to David J. Meunier. In addition, grant money from OPAP Grant No. OPG90-334 and OPG90-257 was transferred to this program. The hole was drilled on claim P-1114983, see claim map attached. The hole was drilled with BQ size core and to a depth of 1,306 feet. Overburden was 130 feet deep.

Thirty two whole rock and trace element analyses were done on drill core from this hole by Barringer Laboratories using the ICAP (inductively coupled argon plasma) method. Assay results are appended at the end of this report.

In general, no highly anomalous values were obtained and no massive sulfide zones encountered, however, alteration was noted in several places. The alternating mafic and felsic units indicate that the area is a favorable setting for massive sulfide mineralization.



R.P. BOWEN ENGINEERING INC.		
Client: DAVID J. MEUNIER		
Title: REGIONAL LOCATION MAP		
Date: SEP 1990	Scale: 1" = 150 mi	N.T.S.: 42A
Drawn: R.P.B.	File: M-10001-80	Fig. 1

R.P. BOWEN ENGINEERING INC.

DIAMOND DRILL LOG

DRILL HOLE NO. LDM-2-90 COMPANY David J. Weunier PROPERTY Loveland NTS# 42A PAGE 1 of 5

 LATITUDE L 10 S (m) - L 3280.8 S DEPARTURE 7+50 E (m) - 2460.6 E AZIMUTH 246° DIP -77° DEPTH T.D. 1,306' ELEVATION 960'

INCLINATION AND DEVIATION TESTS

DEPTH 0' AZIMUTH 246° DIP -77° DEPTH 200' AZIMUTH 246° DIP -75° DEPTH 600' AZIMUTH 246° DIP -75° DEPTH 1,306' AZIMUTH 246° DIP -75° DEPTH AZIMUTH DIP

 LOGGED BY R.P. Bowen CLAIM NO. P-1114983 MINING DIVISION Porcupine DATE STARTED 6 Nov. 1990 DATE COMPLETED 14 Nov. 1990

 DRILLING COMPANY Dominik Drilling (1981) Inc. CASING In hole CORE STORED At Timmins Core Library

FOOTAGE		ROCK TYPE AND DESCRIPTION	CORE ANGLE	PERCENT SULFIDES	SAMPLE Number	SAMPLE		Length	ANALYTICAL RESULTS							
From	To					From	To		Au	Ag	Cu	Pb	Zn	As	Sb	
0	130	Overburden, glacial till, sand and gravel														
130	186	Intermediate pyroclastic breccia, epidote alteration along fractures. Medium gray - brownish cast 134' veinlet 1" quartz & K-feldspar	50°	±1%	S-22	176.0	178.0	2	<3	8	80	118				
186	227	Felsic to intermediate pyroclastics, porphyritic near contacts. 186' silicified zone 191' po frags	20°		S-1	188.5	193.5	5	<3	27	110	53				
227	238	Mafic zone, greenish gray 232-234 quartz vein			S-23	227.0	228.0	1	<3	75	30	1150				
					S-24	232.0	234.0	2	<3	296	90	630				
238	258	Felsic pyroclastics - po biebs, streaks and frags Medium gray - brownish cast Last 2' good bx po at contact	50°		S-3	256.7	258.3	1.6	<3	93	120	20				
258	277	Mafic metavolcanic - massive to porphyritic, 30' at lower contact			S-4	267.4	273.0	5.6	<3	49	60	102				
277	300	Felsic pyroclastics - Qtz at contact & po, contact angle 45°			S-5	288.0	293.0	5	<3	133	130	77				
300	321	Intermediate to mafic metavolcanic - quite altered, brownish cast, fragments corroded 311' qv & po 315' 0.5" qv 320' 0.5" qv			S-25	309.0	310.0	1	<3	68	<30	97				

R.P. BOWEN ENGINEERING INC.

DIAMOND DRILL LOG

DRILL HOLE NO. LDM-2-90

COMPANY David J. Meunier

PROPERTY Loveland

NPS# 42A

PAGE 2 of 5

FOOTAGE		ROCK TYPE AND DESCRIPTION	CORR ANGLE	PERCENT SULFIDES	SAMPLE			ANALYTICAL RESULTS							
From	To				Number	From	To	Length	Au	Ag	Cu	Pb	Zn	As	Sb
321	337	Mafic metavolcanic 325' qv po & K-feldspar, py cubes to 0.05" Contact angle roughly perpendicular to core			S-6	321.5	326.5	5		<3	19	<30	93		
337	362	Felsic pyroclastics - bleaching common, more extensive down the hole, becomes lighter and more orange.			S-26	337.0	339.0	2		<3	535	50	39		
					S-7	343.5	348.5	5		<3	29	120	25		
					S-8	355.5	360.0	4.5		<3	20	50	26		
					S-27	360.0	362.0	2		<3	6	<30	27		
362	366.5	Mafic metavolcanics 364' qv-cal ± 6"													
366.5	368	Mafic metavolcanics - Pyrrhotite vein about 6", sericite alteration. Brownish cast			S-28	366.5	368.0	1.5		<3	95	40	75		
368	371	Mafic metavolcanics silicified breccia, sericite, po-cp 368-369 mafic material			S-29	369.0	371.0	2		<3	29	80	60		
371	379	Mafic to intermediate metavolcanic - silicified, brownish sericitic alteration	50'												
379	403	Mafic metavolcanics - minor alteration Greensih gray, banded contact 55'													
403	417	Felsic metavolcanics - pyroclastics below 417' Silicified, sericitized, brownish cast, po,cp			S-30	403.0	405.0	2		<3	74	160	43		
					1-3% S-9	406.5	411.5	5		<3	24	100	98		
417	505	Felsic pyroclastics, lapilli tuff Becomes gray below 450' Silicified zone, some fragments altered brownish, sericite?			S-31	421.0	423.0	2		<3	29	80	95		
					S-10	449.0	454.0	5		<3	15	60	74		
505	833	Mafic metavolcanics, massive, feldspar porphyritic in places Appears zones, possible pillow selvages, more massive to medium down hole Medium greenish gray 524' qv, 1' + K-feldspar 532' qtz-cal vein 2"			S-11	512.3	517.3	5		<3	33	<30	77		

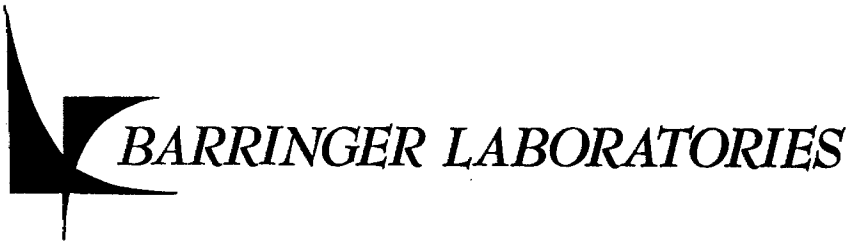
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 DIAMOND DRILL LOG

DRILL HOLE NO. LDM-2-90 COMPANY David J. Meunier PROPERTY Loveland NTS# 42A PAGE 5 of 5

FOOTAGE		ROCK TYPE AND DESCRIPTION	CORE	PERCENT	SAMPLE		ANALYTICAL RESULTS								
From	To		ANGLE	SULFIDES	Number	From	To	Length	Au	Ag	Cu	Pb	Zn	As	Sb
1281	1301	Felsic pyroclastics, tuff-lapilli tuff ± breccia 1283' 6" bleached zone 1295' ± qtz breccia, sphalerite alteration, contact 50'													
1301	1306	Mafic metavolcanics, minor qtz-carb veinlets													

T.D. 1306'



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19-Dec-90

R.P.BOWEN ENGINEERING INC
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Page: 1
 Copy: 1 of 2
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Attn: P.Bowen
 Project:

Received: 12-Dec-90 12:26

PO #:

Job: 901384

Status: Final

Sample	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI
	ICAP	ICAP	ICAP	ICAP	ICAP	ICAP	ICAP	ICAP	ICAP	FURN
	%	%	%	%	%	%	%	%	%	%
S-1	75.7	11.1	3.66	0.68	3.41	0.81	3.01	0.200	0.07	2.10
S-2	77.8	10.8	2.52	0.19	1.39	2.64	3.30	0.134	<0.02	0.55
S-3	76.1	11.1	4.49	0.39	2.62	3.91	1.16	0.120	<0.02	0.75
S-4	56.0	16.4	8.55	3.80	6.76	4.58	0.75	0.816	0.16	1.20
S-5	75.7	11.9	3.66	0.29	3.57	0.96	3.59	0.157	<0.02	0.80
S-6	57.9	16.4	7.74	3.63	5.39	4.68	1.42	0.847	0.16	1.30
S-7	74.0	11.7	3.20	0.36	5.47	0.58	2.01	0.150	0.07	0.75
S-8	61.6	17.6	2.14	0.13	2.83	0.34	14.2	0.175	<0.02	1.05
S-9	77.0	11.7	2.99	0.27	1.44	0.47	4.36	0.146	<0.02	1.65
S-10	79.1	10.5	2.09	0.13	2.25	0.36	5.02	0.120	<0.02	0.75
S-11	55.6	16.1	9.35	5.75	6.02	3.73	1.52	0.819	0.14	1.75
S-12	55.1	16.1	9.32	5.45	7.44	4.11	0.33	0.831	0.16	1.75
S-13	54.5	15.6	8.55	5.04	8.32	2.99	0.51	0.791	0.16	1.50
S-14	79.1	10.8	2.30	0.57	1.33	4.33	1.51	0.132	<0.02	0.65
S-15	76.3	10.2	2.95	0.61	4.14	0.63	3.30	0.131	<0.02	2.40
S-16	75.9	11.2	2.37	0.60	3.44	0.24	4.39	0.137	<0.02	2.35
S-17	76.3	11.5	2.52	0.83	2.55	0.59	3.99	0.135	<0.02	1.95
S-18	77.8	10.8	2.82	0.58	2.06	0.80	3.83	0.125	<0.02	1.80
S-19	74.8	10.8	2.62	0.57	2.04	0.78	3.77	0.125	<0.02	3.50
S-20	76.5	11.0	2.39	0.51	1.34	3.64	1.72	0.128	<0.02	1.35
S-21	72.3	11.0	4.42	1.38	3.22	3.91	1.72	0.410	0.07	2.20
S-22	75.0	13.2	2.32	0.76	0.16	0.11	4.33	0.260	<0.02	2.15
S-23	56.0	16.0	8.45	3.35	7.53	3.81	0.99	1.10	0.18	1.35
S-24	69.7	2.85	2.82	0.59	12.3	0.49	1.11	0.128	0.07	7.60
S-25	59.6	12.8	10.1	3.88	8.13	1.85	0.98	1.03	0.18	1.30
S-26	78.5	10.1	4.35	0.32	1.36	4.80	0.24	0.119	<0.02	0.70
S-27	59.6	17.2	0.84	0.22	5.20	1.06	12.4	0.235	0.07	3.65



5735 McADAM ROAD
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19-Dec-90

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Page: 2
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 Project:

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PO #:

Job: 901384

Status: Final

Sample	SiO2 ICAP %	Al2O3 ICAP %	Fe2O3 ICAP %	MgO ICAP %	CaO ICAP %	Na2O ICAP %	K2O ICAP %	TiO2 ICAP %	P2O5 ICAP %	LOI FURN %
S-28	54.9	17.4	9.15	2.25	3.93	2.64	7.56	0.614	0.11	2.00
S-29	67.8	10.4	3.66	1.19	5.81	1.82	2.17	0.203	0.07	3.75
S-30	79.7	9.07	3.33	0.45	2.13	0.31	3.12	0.115	<0.02	1.80
S-31	76.7	11.6	2.82	0.10	3.88	0.34	3.58	0.139	<0.02	0.80
S-32	52.8	15.6	9.80	1.29	6.69	5.90	0.99	0.954	0.14	3.85

Sample	Ag ICAP ppm	Ba ICAP ppm	Cd ICAP ppm	Co ICAP ppm	Cr ICAP ppm	Cu ICAP ppm	Mn ICAP ppm	Ni ICAP ppm	Pb ICAP ppm	Sr ICAP ppm	V ICAP ppm	Zn ICAP ppm	Zr ICAP ppm
S-1	<3	257	<5	<30	172	21	351	<30	80	36	9	91	310
S-2	<3	736	<5	<30	335	16	295	<30	100	57	<5	52	340
S-3	<3	363	<5	<30	337	93	257	<30	120	92	<5	20	330
S-4	<3	186	<5	<30	138	49	980	80	60	145	153	102	140
S-5	<3	574	<5	<30	227	133	319	<30	130	96	<5	77	420
S-6	<3	268	<5	<30	71	19	954	50	<30	168	147	93	160
S-7	<3	358	<5	<30	240	29	344	<30	120	167	9	25	410
S-8	<3	1660	<5	<30	89	20	726	<30	50	83	27	26	480
S-9	<3	831	<5	<30	113	24	201	<30	100	27	<5	98	380
S-10	<3	1000	<5	<30	200	15	299	<30	80	132	<5	74	320
S-11	<3	350	<5	30	145	33	1000	80	<30	123	170	77	130
S-12	<3	68	<5	30	158	53	1030	90	50	154	169	85	130
S-13	<3	109	<5	30	143	48	988	90	40	158	165	76	130
S-14	<3	311	<5	<30	266	43	171	<30	90	48	<5	53	310
S-15	<3	471	<5	<30	181	39	411	<30	110	41	<5	91	340
S-16	<3	715	<5	<30	185	15	353	<30	70	35	<5	96	370
S-17	<3	702	6	<30	170	22	294	<30	80	72	<5	70	360
S-18	<3	486	<5	<30	206	9	383	<30	80	57	<5	106	330



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S-19	<3	488	<5	<30	209	8	350	<30	80	59	<5	118	340
S-20	<3	261	<5	<30	200	27	240	<30	110	41	<5	53	340
S-21	<3	353	<5	<30	137	83	502	<30	60	82	55	48	270
S-22	<3	508	<5	<30	75	21	115	<30	30	8	7	26	340
S-23	<3	146	<5	<30	197	75	1820	100	30	131	188	1150	130
S-24	<3	157	13	40	214	296	823	100	90	26	15	630	30
S-25	<3	293	<5	<30	134	68	1250	30	<30	129	161	97	190
S-26	<3	50	<5	<30	311	535	155	<30	50	70	<5	39	310
S-27	<3	1460	<5	<30	56	6	186	<30	<30	88	46	27	570
S-28	<3	1420	<5	30	107	95	657	50	40	100	102	75	420
S-29	<3	644	<5	<30	104	29	455	30	80	61	19	60	290
S-30	<3	660	<5	<30	132	74	214	<30	160	18	<5	43	280
S-31	<3	459	<5	<30	171	29	319	<30	80	138	<5	95	380
S-32	<3	208	13	<30	174	352	917	90	230	117	163	5040	130



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Abbreviations:

Parameters:

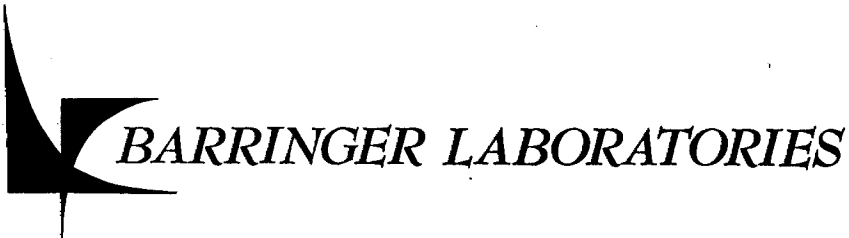
SiO ₂	: Silica
Al ₂ O ₃	: Alumina
Fe ₂ O ₃	: Ferric Oxide
MgO	: Magnesium Oxide
CaO	: Calcium Oxide
Na ₂ O	: Sodium Monoxide
K ₂ O	: Potassium Monoxide
TiO ₂	: Titanium dioxide
P ₂ O ₅	: Phosphorus Pentoxide
LOI	: Loss on Ignition
Ag	: Silver
Ba	: Barium
Cd	: Cadmium
Co	: Cobalt
Cr	: Chromium
Cu	: Copper
Mn	: Manganese
Ni	: Nickel
Pb	: Lead
Sr	: Strontium
V	: Vanadium
Zn	: Zinc
Zr	: Zirconium

Methods:

ICAP	: Inductively coupled argon plasma
FURN	: Furnace

Units:

% : percent



5735 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
PHONE: (416) 890-8566
FAX: (416) 890-8575

19-Dec-90

R.P.BOWEN ENGINEERING INC
P.O.Box 5010 PMS
South Porcupine, Ontario
PON 1K0

Page: 5
Copy: 1 of 2
Set : 1

Attn: P.Bowen
Project:

PO #:

Received: 12-Dec-90 12:26

Job: 901384

Status: Final

ppm : parts per million .

Quality control:

< : Less than quoted detection limit

Signed:

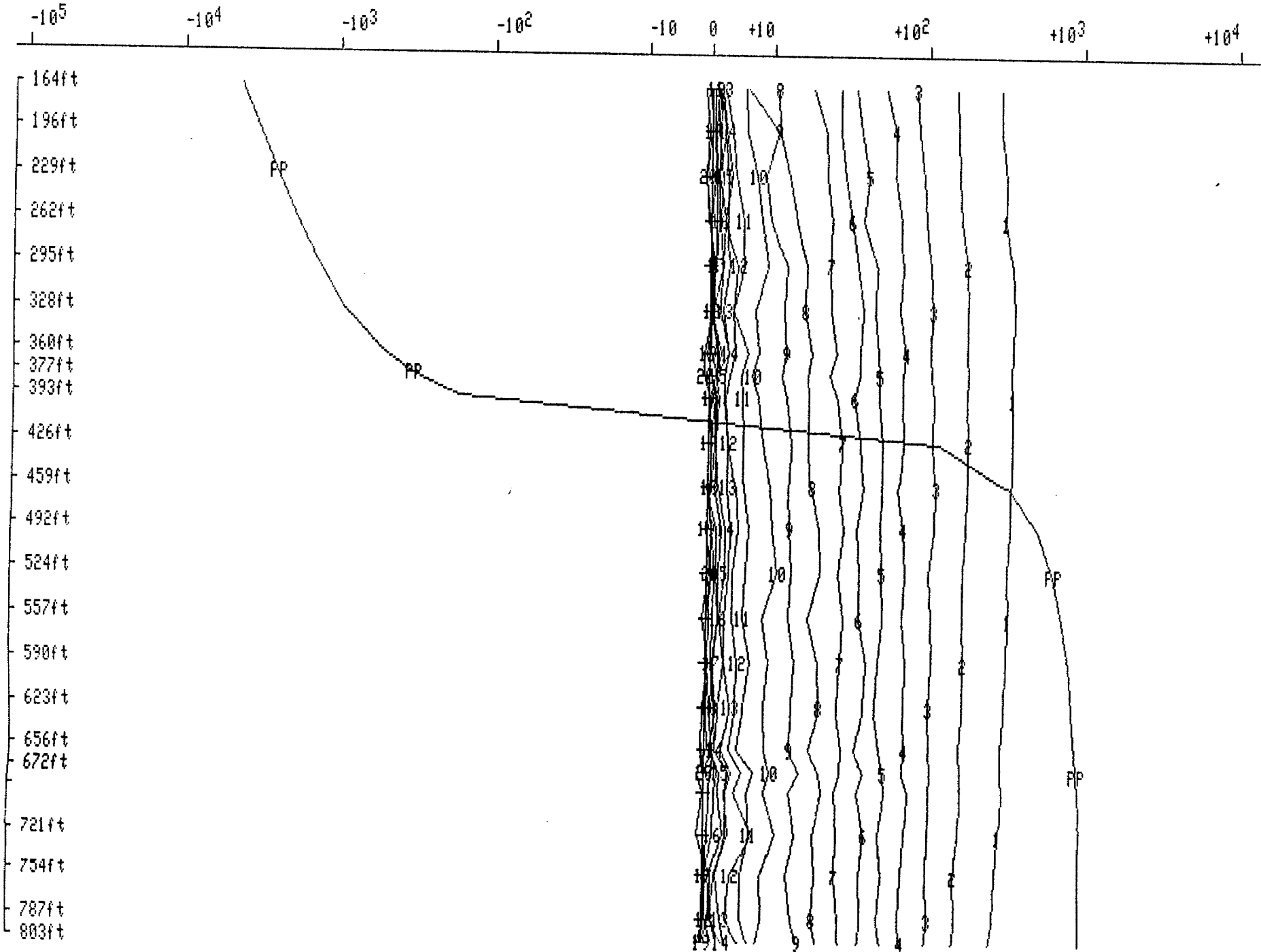
.....
Margaret E. Dancziger
Supervisor, Geochemistry/Fire Assay Services

CRONE GEOPHYSICS LTD.
VAL D'OR GEOPHYSIQUE LTD.
BOREHOLE PEM

Client : MEUNIER
Grid : BEARCREEK
Time Base: 16.66 ms
Ramp Time: 1.50 ms
Scale : 1in = 100 ft

Hole : 80A2
Tx Loop : 1C
Date : 17/06/90
File : 80A2T1.RX

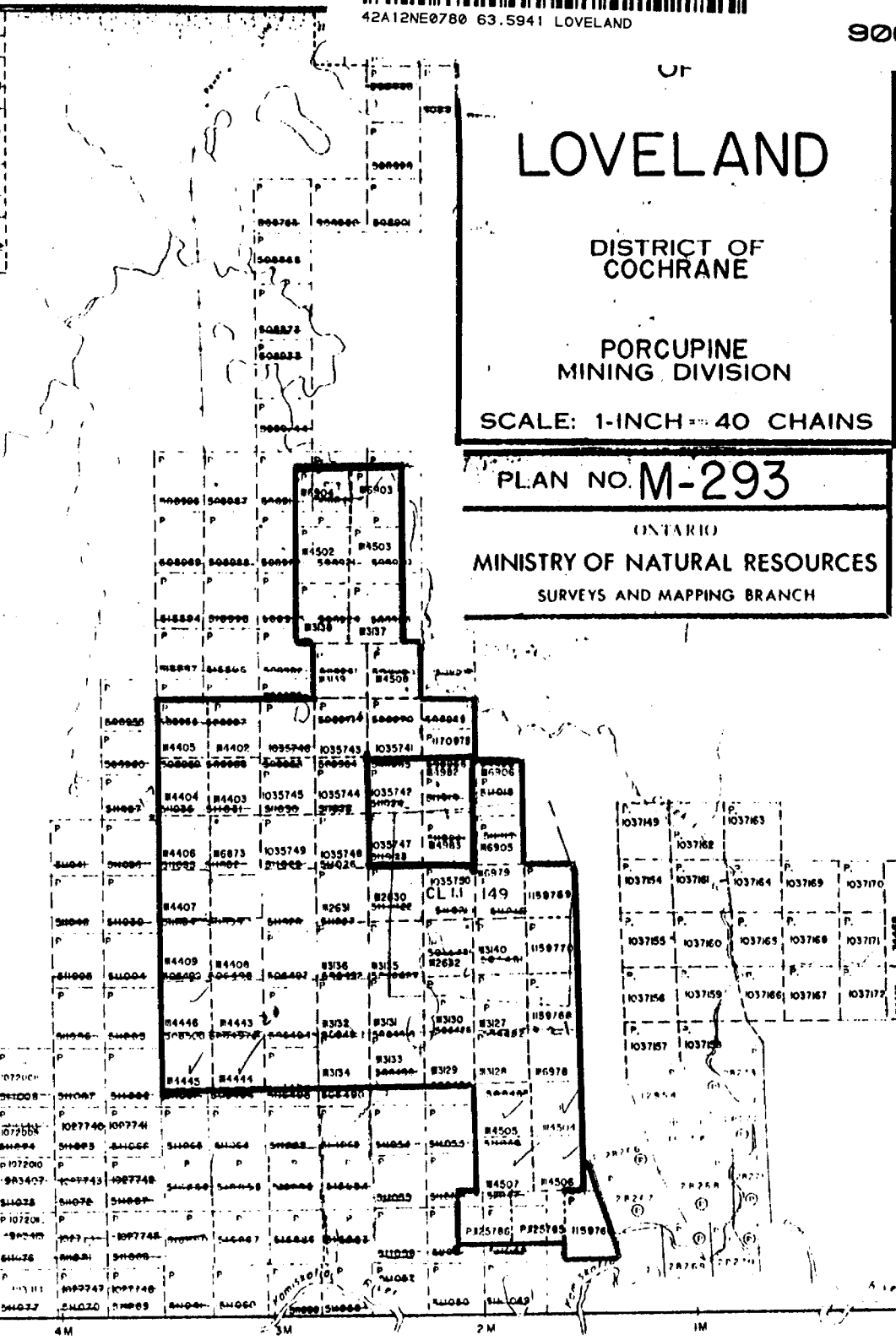
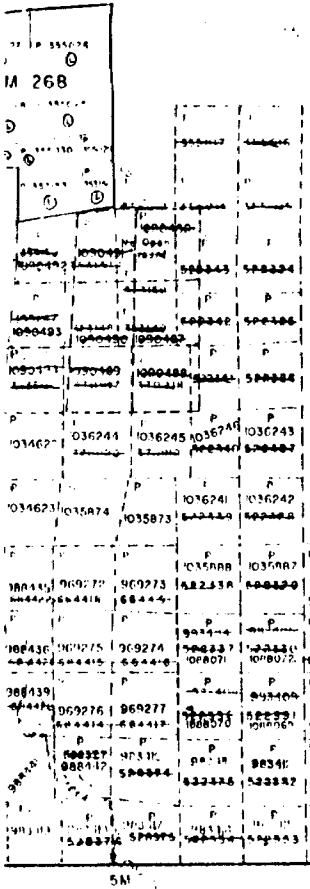
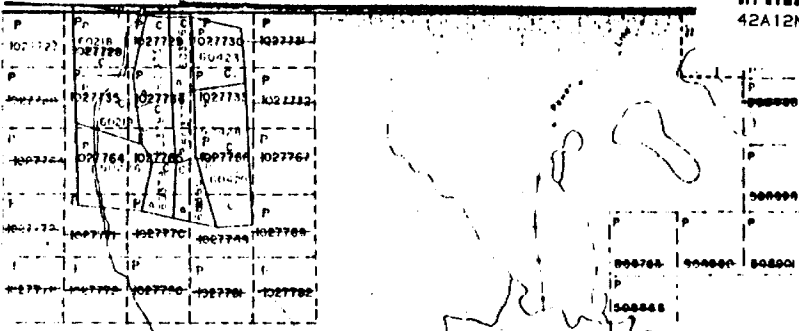
AXIAL COMPONENT dBa/dt (nanoTesla/sec) - 20 channels and PP





42A12NE0780 63.5941 LEVELAND

900



LOVELAND

DISTRICT OF COCHRANE

PORCUPINE MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

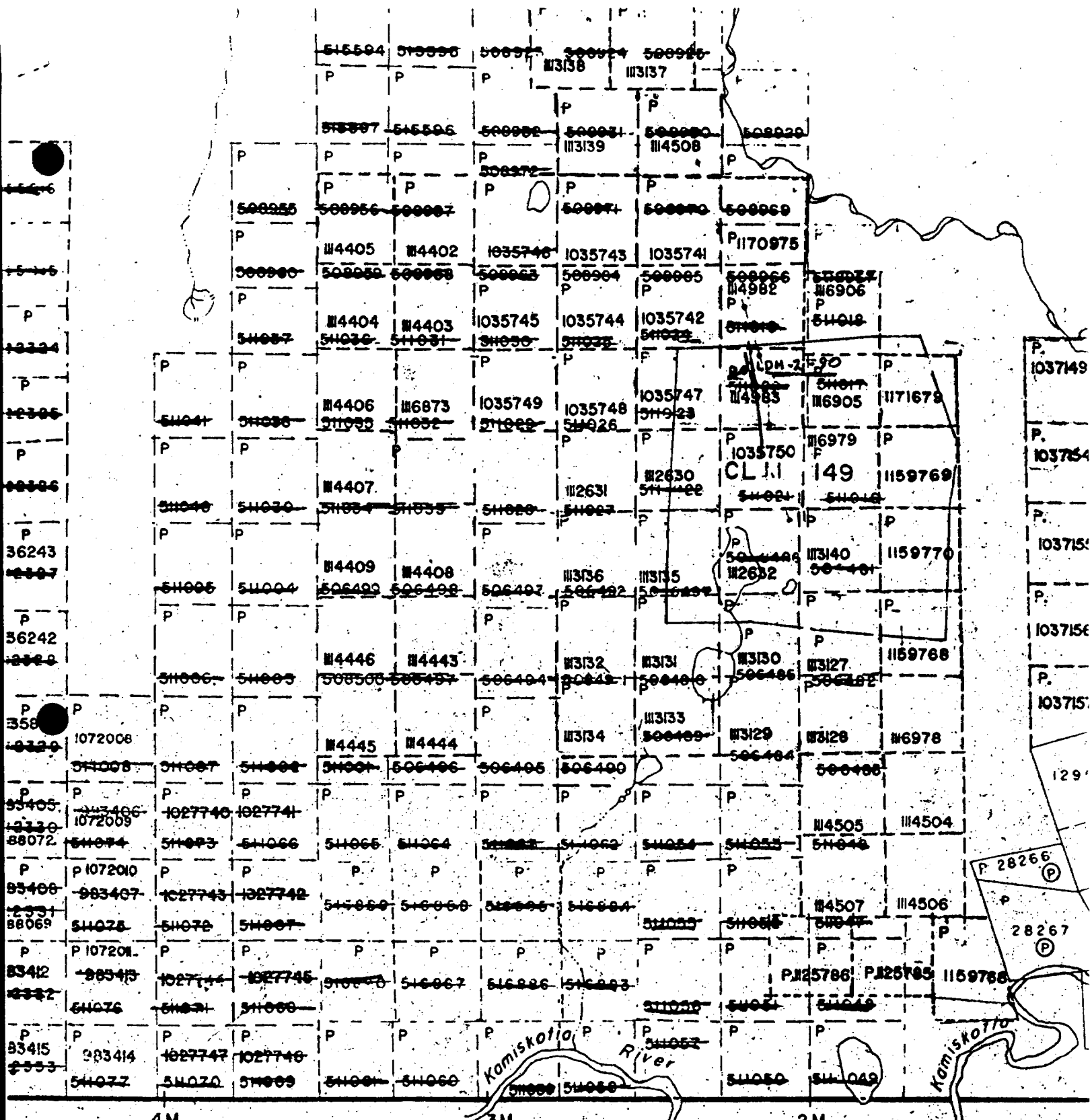
PLAN NO. **M-293**

ONTARIO

MINISTRY OF NATURAL RESOURCES

SURVEYS AND MAPPING BRANCH

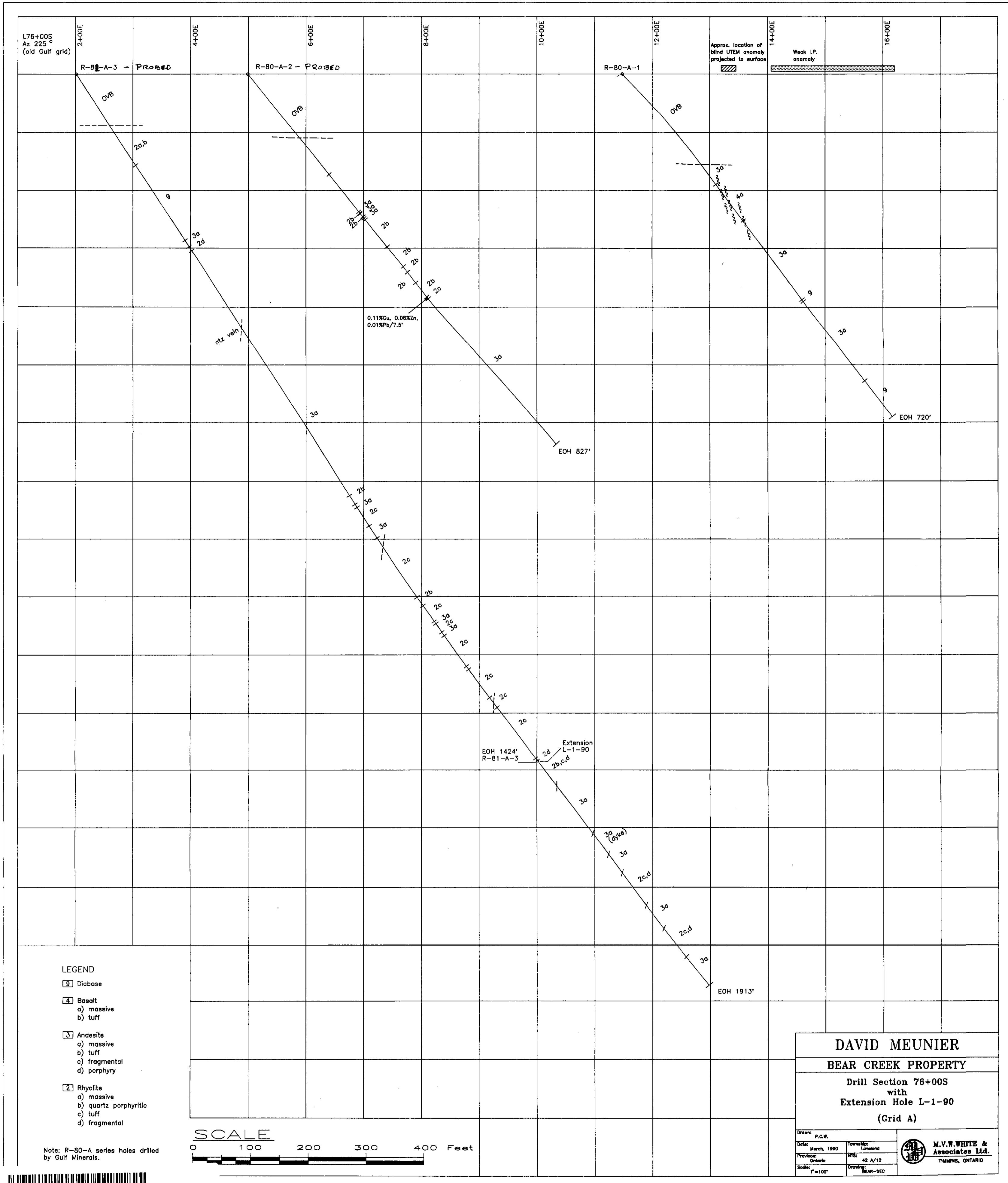
Robb Twp. (M.309)



Robb Twp. (M.309)

LOVELAND TOWNSHIP DRILL HOLE LOCATION MAP

DDH LDM-2-90



LEGEND

- 1 Diabase
- 4 Basalt
 - a) massive
 - b) tuff
- 3 Andesite
 - a) massive
 - b) tuff
 - c) fragmental
 - d) porphyry
- 2 Rhyolite
 - a) massive
 - b) quartz porphyritic
 - c) tuff
 - d) fragmental

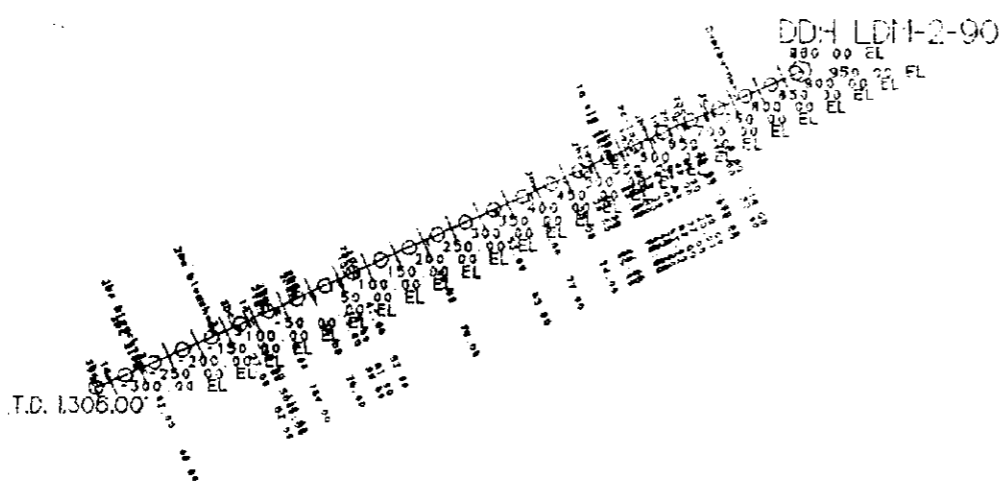
Note: R-80-A series holes drilled by Gulf Minerals.



DAVID MEUNIER
BEAR CREEK PROPERTY
 Drill Section 76+00S
 with
 Extension Hole L-1-90
 (Grid A)

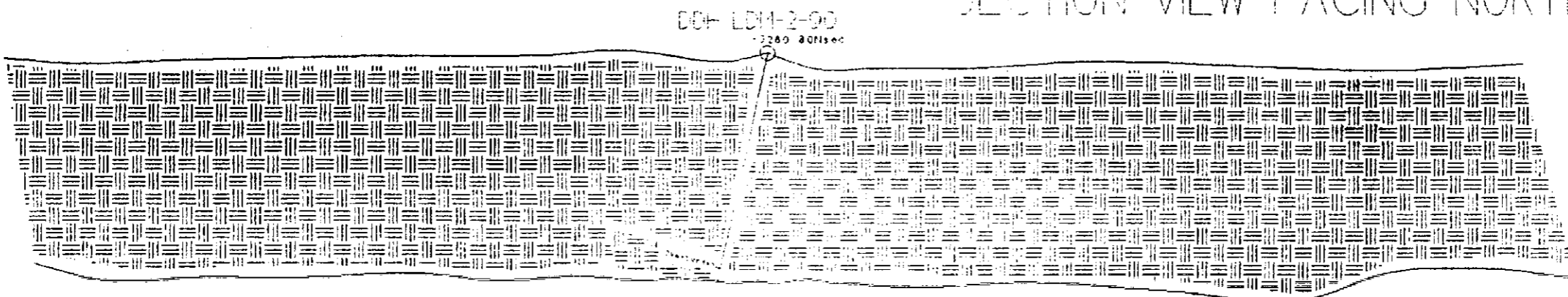
Drawn: P.C.W.	Township: Loveland
Date: March, 1990	N.T.S.: 42 A/12
Province: Ontario	Scale: 1"=100'
Sheet: BEAR-SEC	





PLAN VIEW

SECTION VIEW FACING NORTH

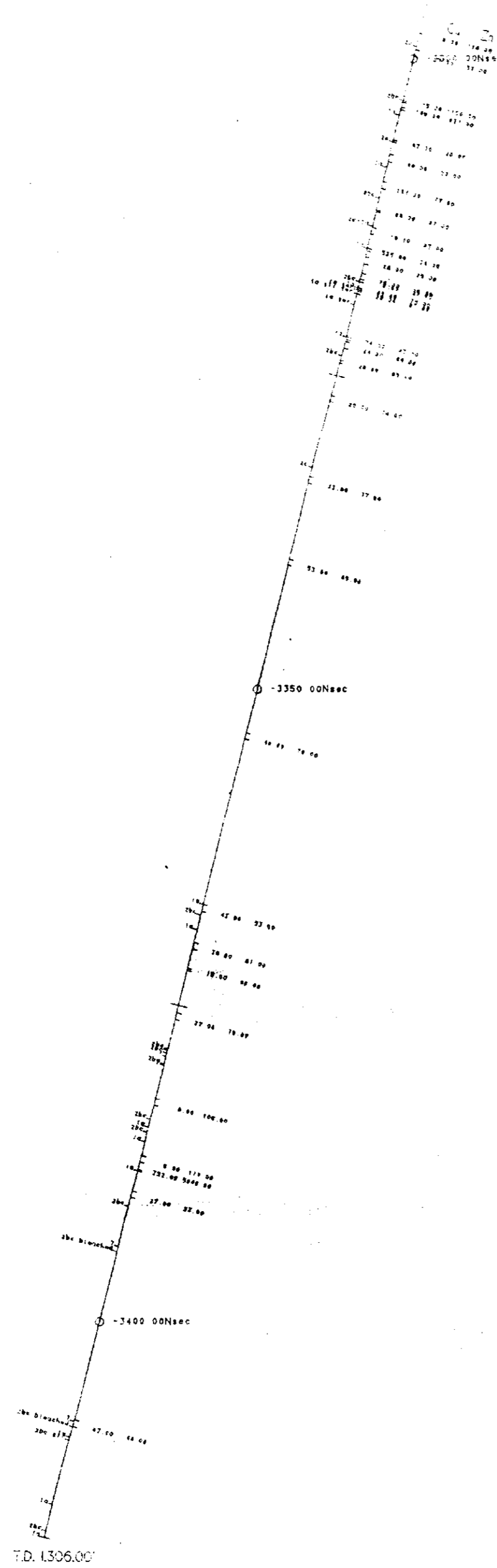


DRILL HOLE LDM-2-90

Grid is metric, hole Imperial

UOS (3280.80S) / 7+50E (2460.60E)

Azimuth 246°
 Dip -77° at collar
 Total depth 1306.00'
 Claim P-114983



LEGEND

EARLY TO MIDDLE PRECAMBRIAN
 Mafic Intrusive Rocks

7 Diabase

EARLY PRECAMBRIAN
 Felsic to Intermediate Metavolcanic Rocks

2a Massive to foliated lava
 2b Porphyritic tuff
 2c Tuff, agglomerate volcanic breccia

Mafic to Intermediate Metavolcanic Rocks

1a Massive to pillowed lava

R.P. BOWEN ENGINEERING INC		
Client: DAVID J. MEUNIER		
Drawing: DRILL HOLE SECTION AND PLAN		
DATE: DEC 1990	SCALE: 1:1000	NTS 42A
DRAWN BY: RPB	FILE: L-0002-90	FIG 3



42A12NE0780 63.5941 LOVELAND

CRONE GEOPHYSICS LTD.
VAL D'OR GEOPHYSIQUE LTD.
BOREHOLE PEM

Client : MEONIER
Grid : BEARCREEK
Time Base: 16.66 ms
Ramp Time: 1.50 ms
Scale : 1in = 100 ft

Hole : 83-A-3
Tx Loop : 1C
Date : 16/06/90
File : 83A3T1.RX

AXIAL COMPONENT dBa/dt (nanoTesla/sec) - 20 channels and PP

