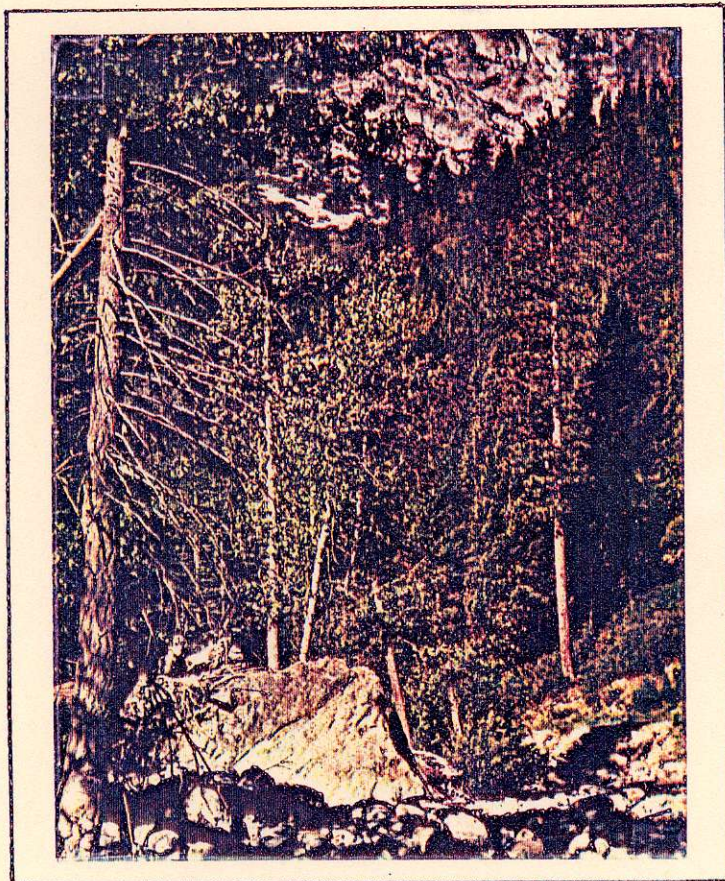


827177

SEREN LTD.
MT. RICHARDS
VPEM TEST

Date: April 13 - 15, 1979



Glen E. White

GEOPHYSICAL CONSULTING & SERVICES LTD.

Dear Sirs:

From April 13, 1979 to April 15, 1979 inclusive, Glen E. White Geophysical Consulting & Services Ltd. conducted 2.4 km of vector pulse electromagnetometer (VPEM) test surveying over Serem Ltd.'s Mt. Richards project. The purpose of the test was to locate and delineate any subsurface conductive units which could be related to a copper and zinc soil geochemistry anomaly which trends roughly east-west across the property. This letter and the accompanying map and data profiles illustrate the results of this test.

A high voltage power line runs across the property approximately 500 meters west of the location of the VPEM test survey. This introduced high noise levels which affect the accuracy of the later channels in particular. These conductions mask the more subtle features normally observed with this instrumentation and restrict the interpretation to only the major conductivity contrasts in the area. The interpretation based on both the individual component and vector data is displayed in Figure 1.

Three lines, 10400W, 10000W and 9600W were surveyed from two transmission loops. One zone of anomalous conductivity was observed on all lines surveyed. The vertical component responds in channels one through three. The horizontal component response is definitive in channels one through three and there are also indications of the anomaly responding into channel seven; however, the noise level makes these later channels less reliable. This anomaly coincides with or runs slightly south (up slope) from the geochemical anomaly recorded. The vector profiles also exhibit a weak focusing of channels one and two along this same feature at approximately 150 meters depth. Indications are that this conductive unit or contact is dipping

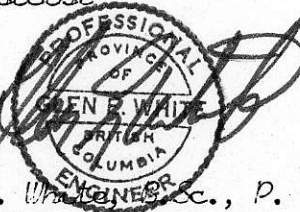
approximately 50° to the south. Two other features superimposed on the high noise levels are considered to be of reliable quality and have been illustrated on Figure 1. They are both contact zones which run roughly parallel to and north of the conductor described above. These contacts do not correlate with any surface geologic information but they might be down dip reflections of the gabbro diorite - felsic volcanic rock contact observed to the north.

In spite of excessive noise levels originating from a nearby high voltage power line, the VPEM test survey was able to locate a subsurface conductive unit which appears related to the copper and zinc soil geochemistry anomaly. However, any further work utilizing this geophysical equipment in order to extend, to the west, the coverage over the zone of interest will require surveying even closer to the source of the noise. This would not be expected to produce any reliable results as long as the powerline is in use. Any future exploration work on this property should include diamond drilling to test the conductive anomaly described above.

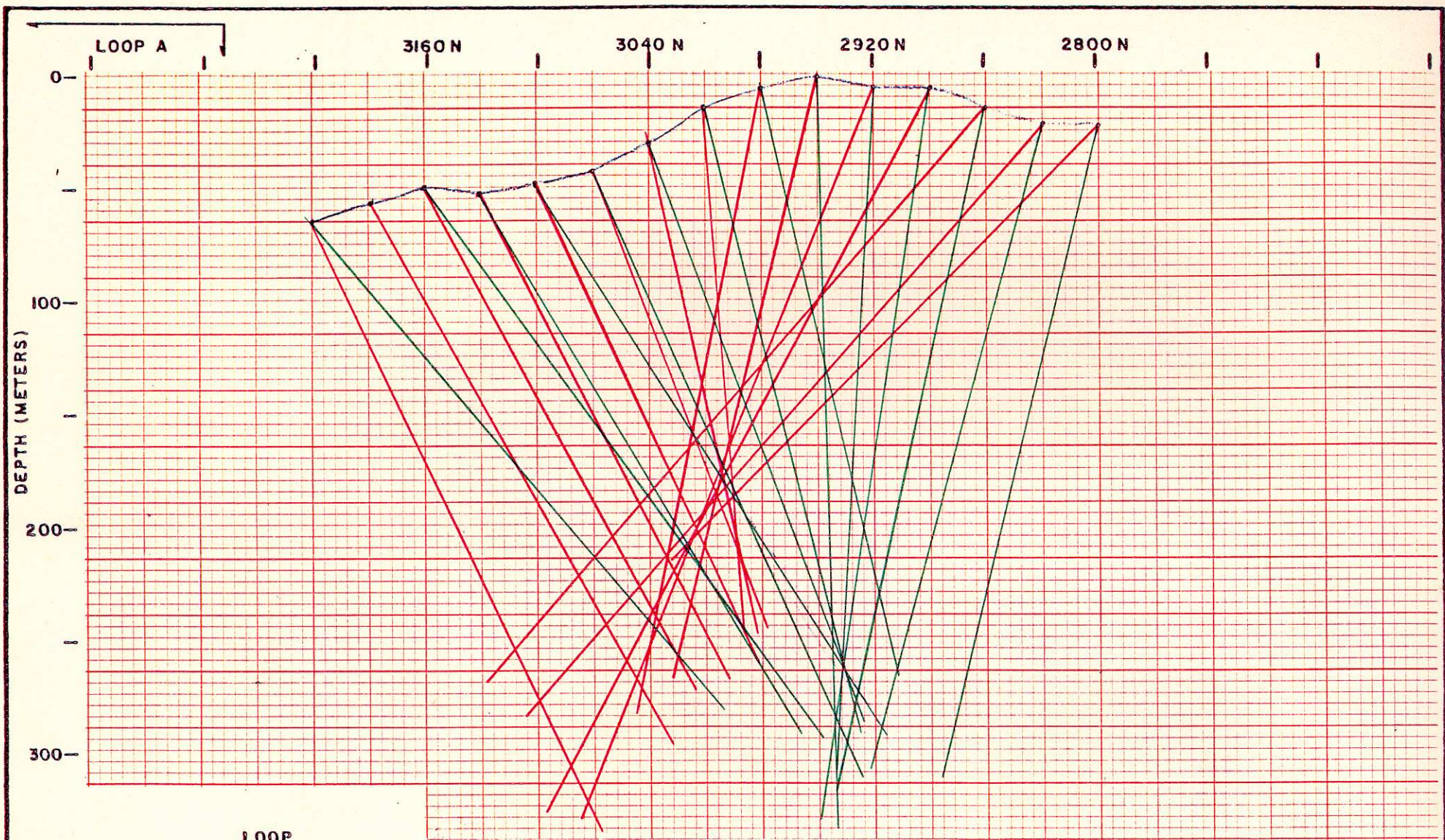
Respectfully submitted,
 GLEN E. WHITE GEOPHYSICAL
 CONSULTING & SERVICES LTD.



E. Trent Pezzot, B.Sc.
 Geophysicist



Glen E. White, B.Sc., P. Eng.
 Consulting Geophysicist



- CHANNEL 1 ——— (red line)
- CHANNEL 2 ——— (green line)
- CHANNEL 3 ——— (green line)
- CHANNEL 4 ——— (green line)

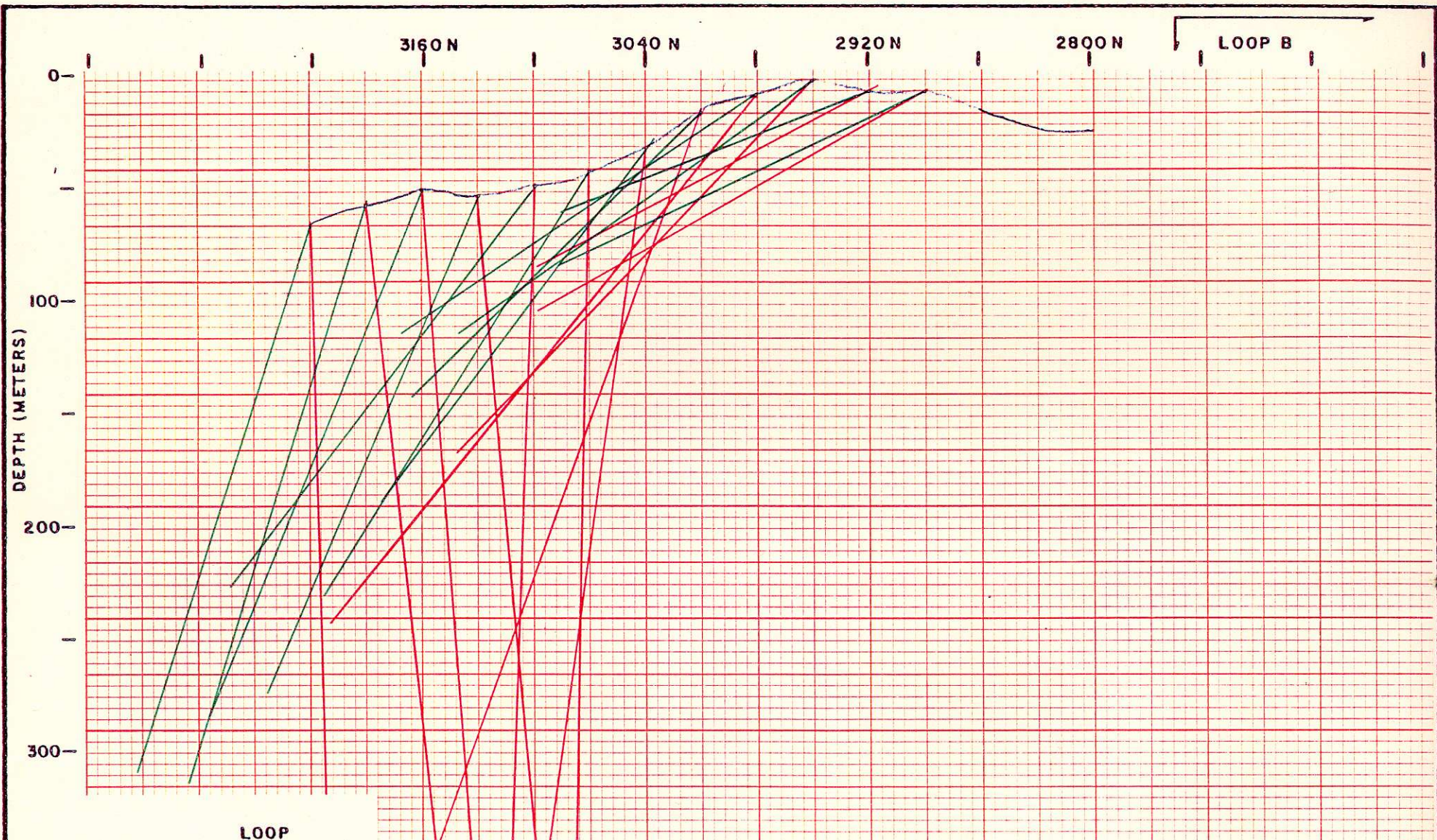
- CHANNEL 5 ——— (red line)
- CHANNEL 6 ——— (green line)
- CHANNEL 7 ——— (green line)
- CHANNEL 8 ——— (green line)

SEREM LTD.
 MT. RICHARDS PROJECT
 PULSE ELECTROMAGNETOMETER
 -VECTOR SECTION-
 LINE 9600W-LOOP 'A'

—INSTRUMENT: CRONE P.E.M.— DATE: FIG. 2

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 geophysical consulting
 services Ltd.

1cm = 30 Meters



CHANNEL 1 ———

CHANNEL 2 ———

CHANNEL 3 ———

CHANNEL 4 ———

CHANNEL 5

CHANNEL 6

CHANNEL 7

CHANNEL 8

SEREM LTD.

MT. RICHARDS PROJECT

PULSE ELECTROMAGNETOMETER

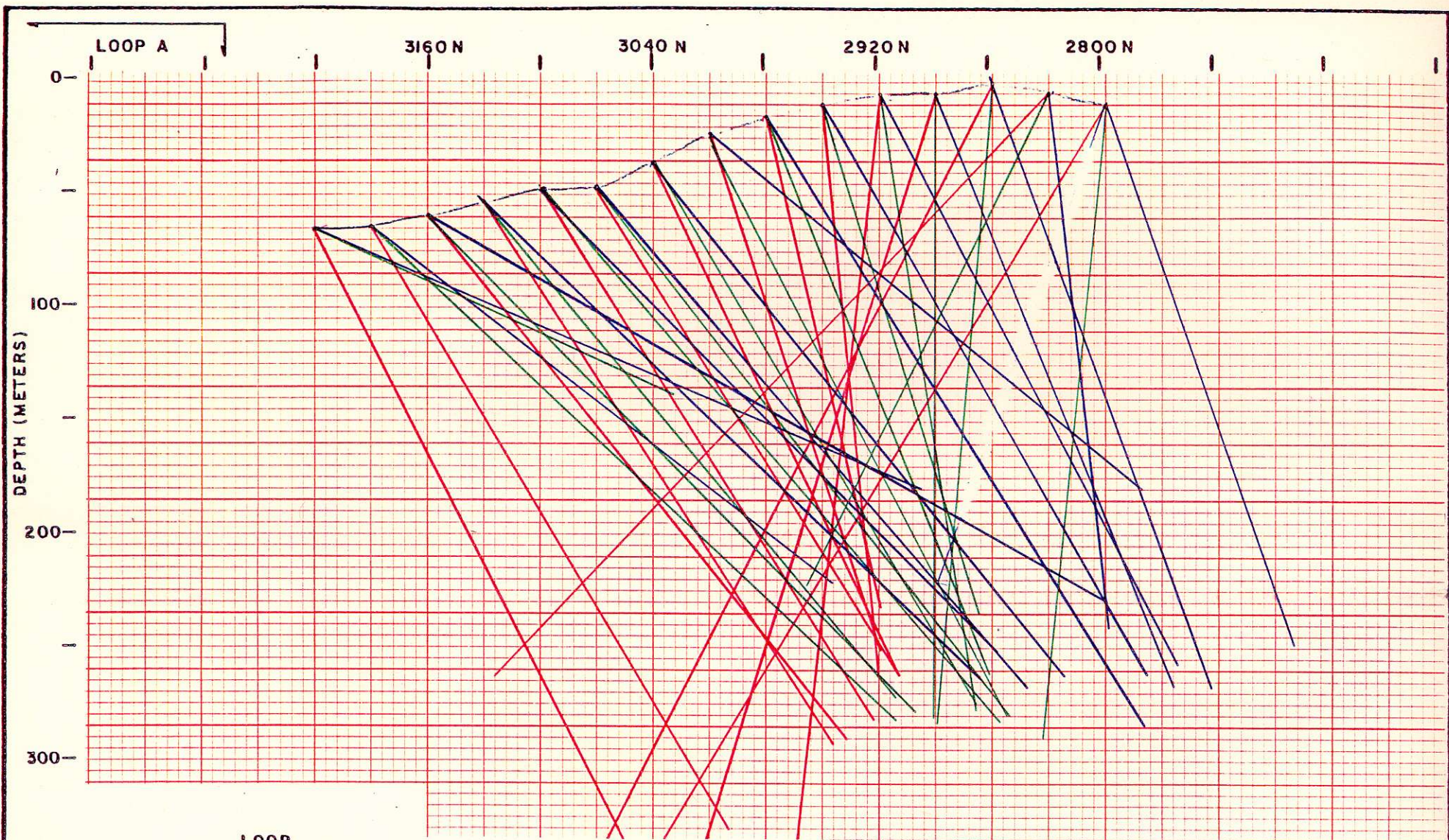
—VECTOR SECTION—

LINE 9600W—LOOP 'B'

—INSTRUMENT: CRONE P.E.M.— DATE: FIG. 3

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geophysical consulting
inc. Ill.

1 cm = 30 Meters



LOOP



- CHANNEL 1 —
- CHANNEL 2 —
- CHANNEL 3 —
- CHANNEL 4 —

- CHANNEL 5
- CHANNEL 6
- CHANNEL 7
- CHANNEL 8

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MT. RICHARDS PROJECT

PULSE ELECTROMAGNETOMETER

—VECTOR SECTION—

LINE 10000W—LOOP 'A'

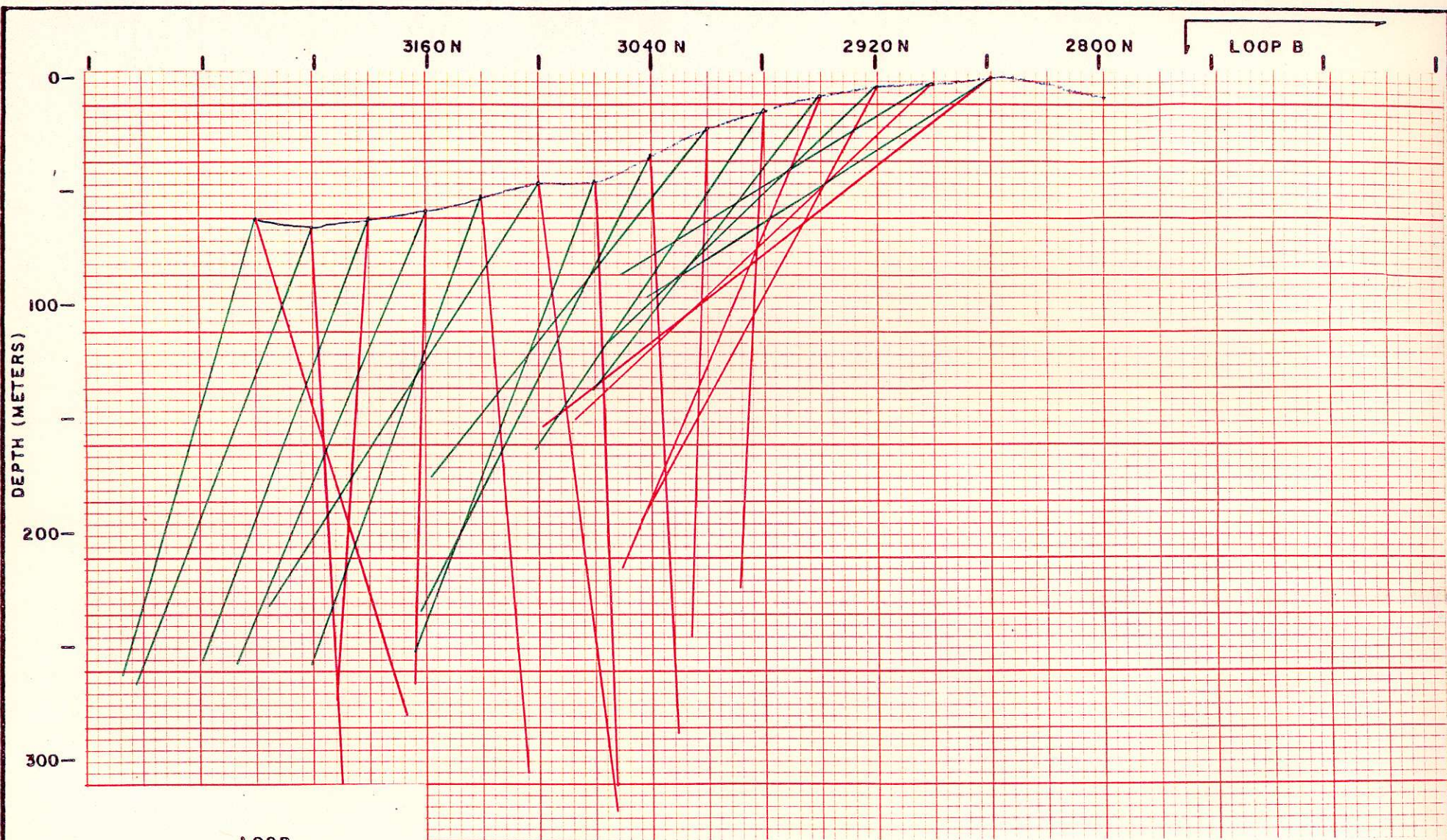
—INSTRUMENT: CRONE P.E.M.—

DATE:

FIG. 4

John R. White
geophysical consulting
3
111

1cm = 30 Meters



- CHANNEL 1 ——— (red line)
- CHANNEL 2 ——— (green line)
- CHANNEL 3 ——— (green line)
- CHANNEL 4 ——— (green line)

- CHANNEL 5 ——— (red line)
- CHANNEL 6 ——— (green line)
- CHANNEL 7 ——— (green line)
- CHANNEL 8 ——— (green line)

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geophysical consulting
inc. 111

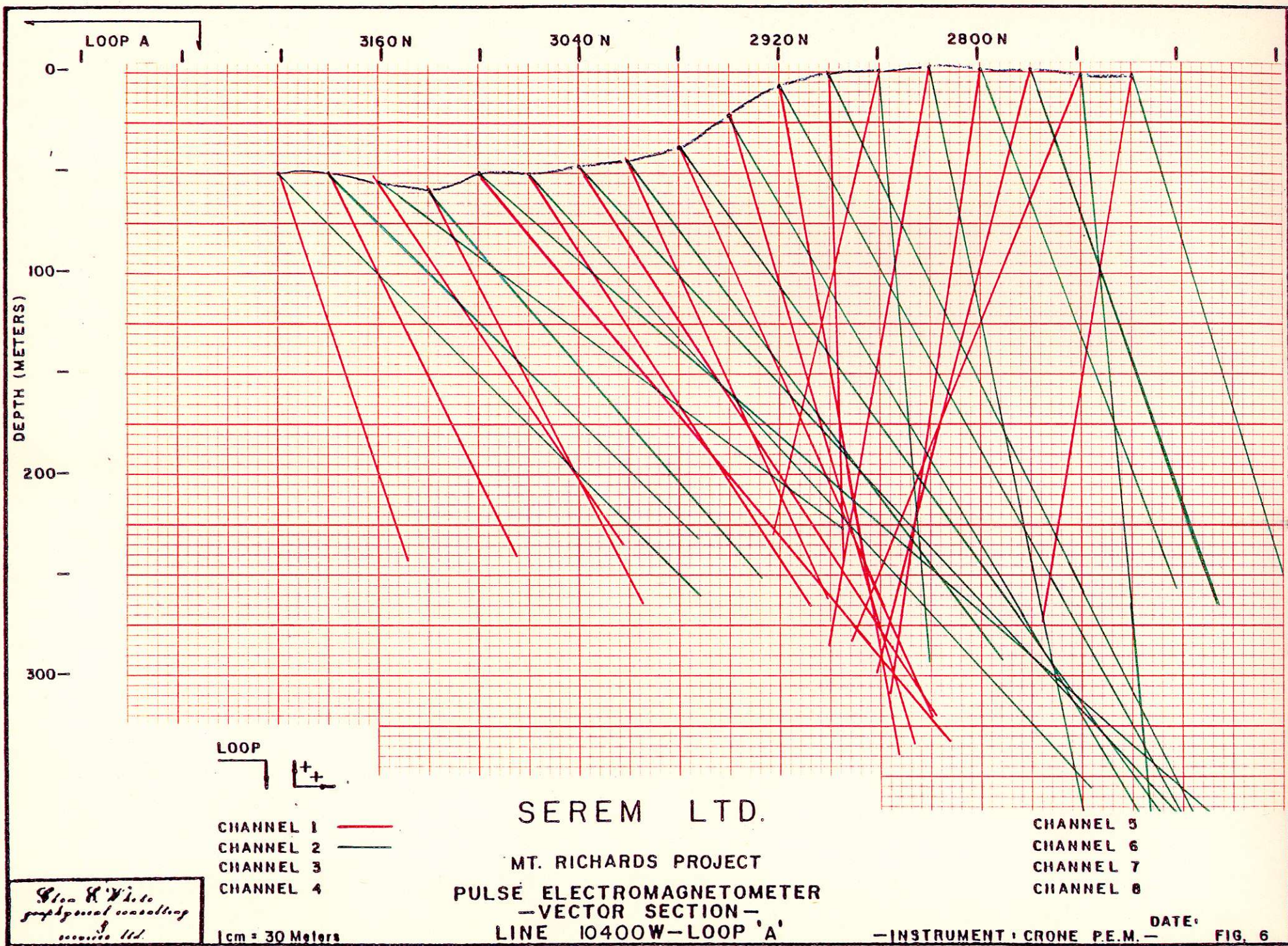
1cm = 30 Meters

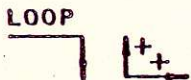
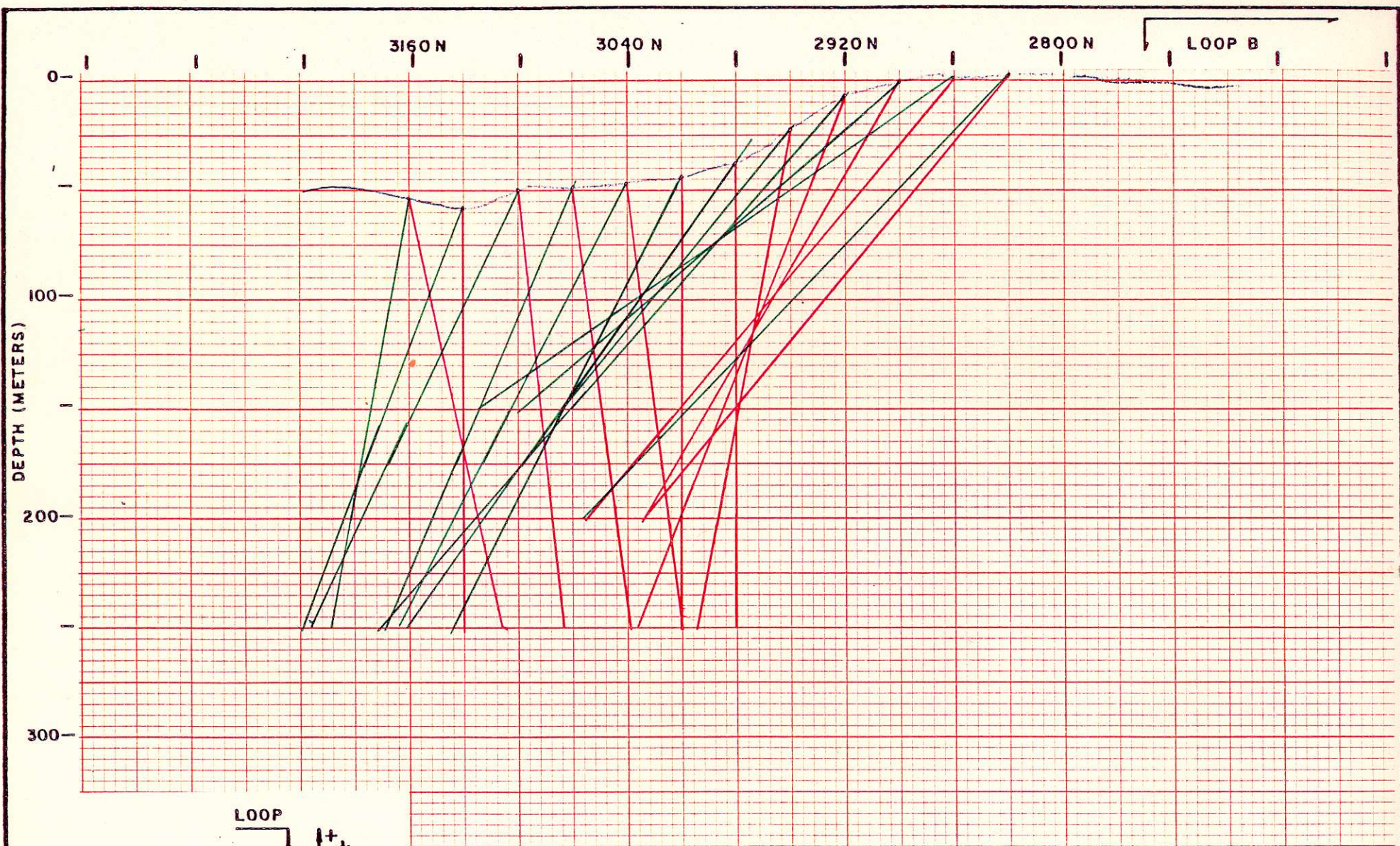
SEREM LTD.
 MT. RICHARDS PROJECT
 PULSE ELECTROMAGNETOMETER
 -VECTOR SECTION-
 LINE 10000W-LOOP 'B'

-INSTRUMENT: CRONE P.E.M.-

DATE:

FIG. 5





- CHANNEL 1 —
- CHANNEL 2 —
- CHANNEL 3 —
- CHANNEL 4 —

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MT. RICHARDS PROJECT

PULSE ELECTROMAGNETOMETER

—VECTOR SECTION—

LINE 10400W—LOOP 'B'

- CHANNEL 5
- CHANNEL 6
- CHANNEL 7
- CHANNEL 8

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geophysical consulting
1950 Ltd.

1cm = 30 Meters

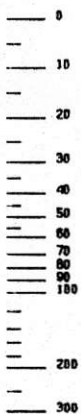
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DATE:

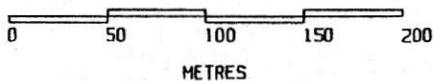
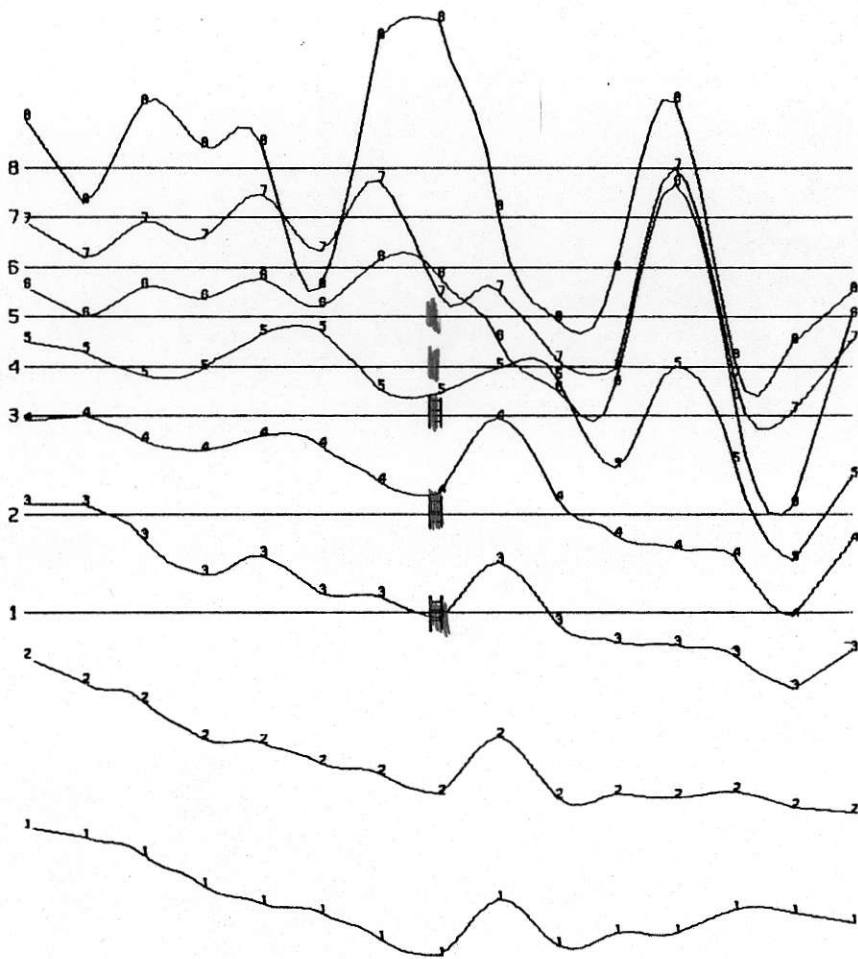
FIG. 7

LOOP-A

3220 N
3190 N
3160 N
3130 N
3100 N
3070 N
3040 N
3010 N
2980 N
2950 N
2920 N
2890 N
2860 N
2830 N
2800 N



• OR -
P.P.K.
SCALE



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. RICHARDS PROJECT

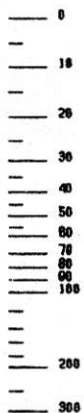
VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 9600W -A

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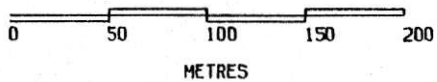
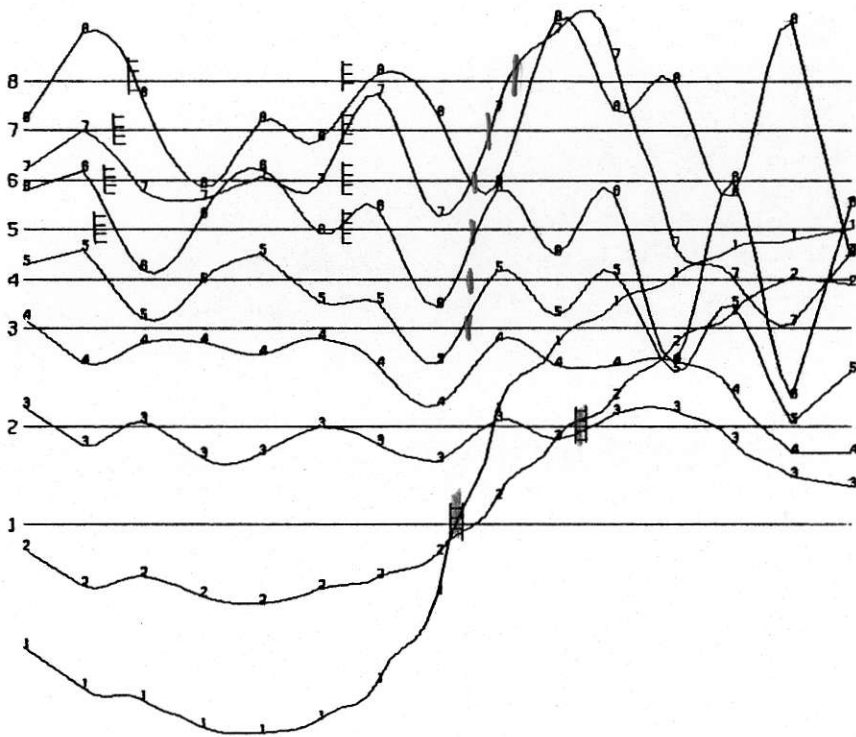
N.T.S. 92-B/13
DATE 9 MAY 1970
FIG. NO: 8

LOOP-A

3220 N
3190 N
3160 N
3130 N
3100 N
3070 N
3040 N
3010 N
2980 N
2950 N
2920 N
2890 N
2860 N
2830 N
2800 N



+ OR -
P.P.K.
SCALE



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

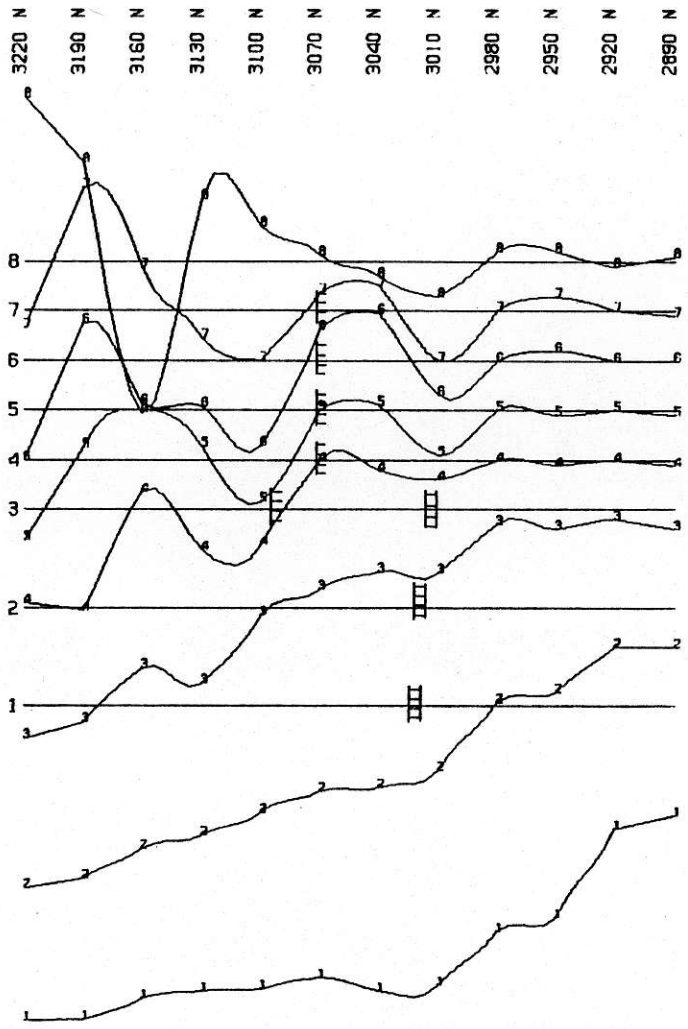
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MT. RICHARDS PROJECT

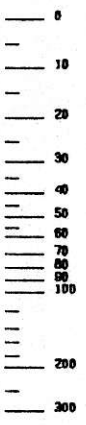
VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 9600W -A

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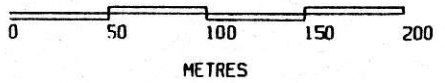
N.T.S. 92-B/13
DATE 9 MAY 1978
FIG. NO: 9



LOOP+B



+ OR -
P.P.K.
SCALE



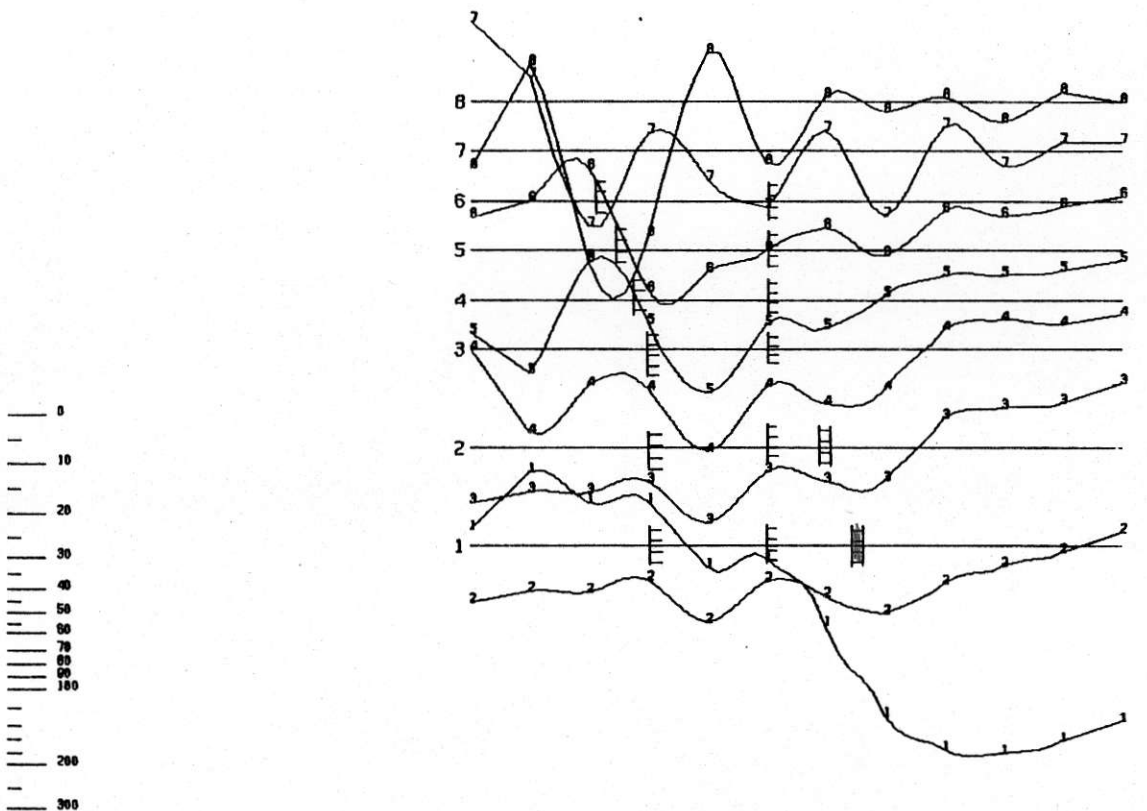
NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

<p>S E R E M LTD</p> <p>MT. RICHARDS PROJECT</p> <p>VECTOR PULSE ELECTROMAGNETOMETER</p> <p>HORIZONTAL COMPONENT</p> <p>LINE 9600W +B</p>	
<p>GLEN E. WHITE</p> <p>GEOPHYSICAL CONSULTING & SERVICES LTD.</p>	<p>N.T.S. 92-B/13</p> <p>DATE 9 MAY 1979</p> <p>FIG. NO: 10</p>

3220 N
3190 N
3160 N
3130 N
3100 N
3070 N
3040 N
3010 N
2980 N
2950 N
2920 N
2890 N

LOOP+B



+ OR -
P.P.K.
SCALE

0 50 100 150 200
METRES

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT

LINE 9600W +B

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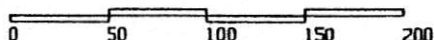
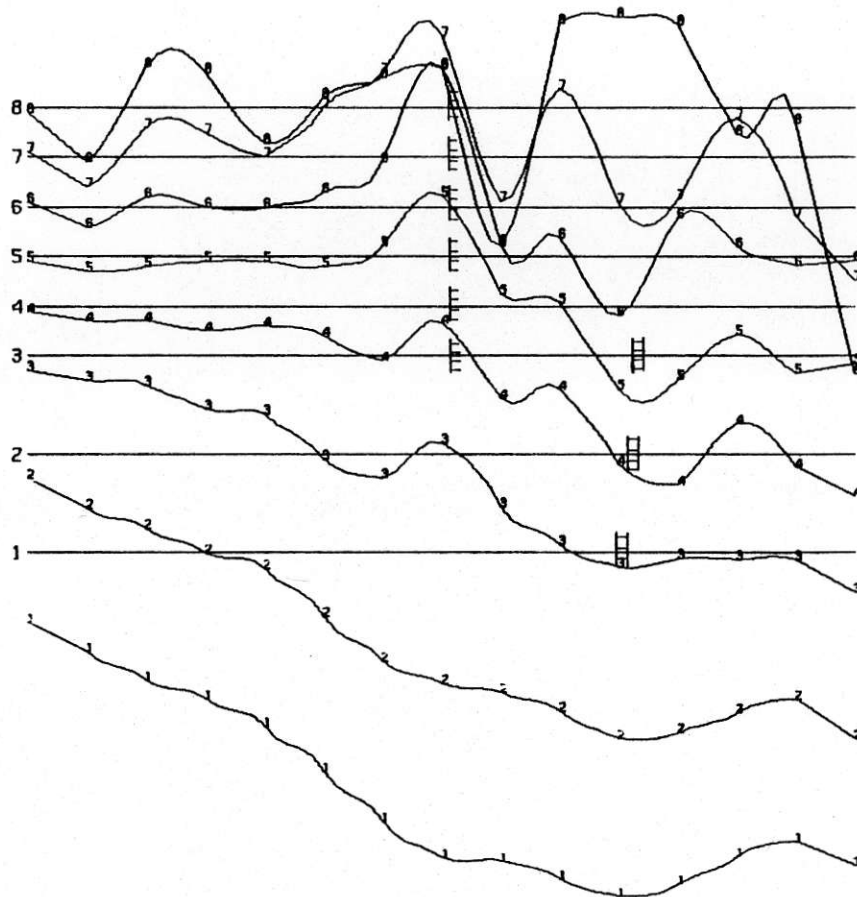
FIG. NO: 11

LOOP-A

3220 N
3190 N
3160 N
3130 N
3100 N
3070 N
3040 N
3010 N
2980 N
2950 N
2920 N
2890 N
2860 N
2830 N
2800 N



+ OR -
P.P.K.
SCALE



METRES

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 1000W -A

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& SERVICES LTD.

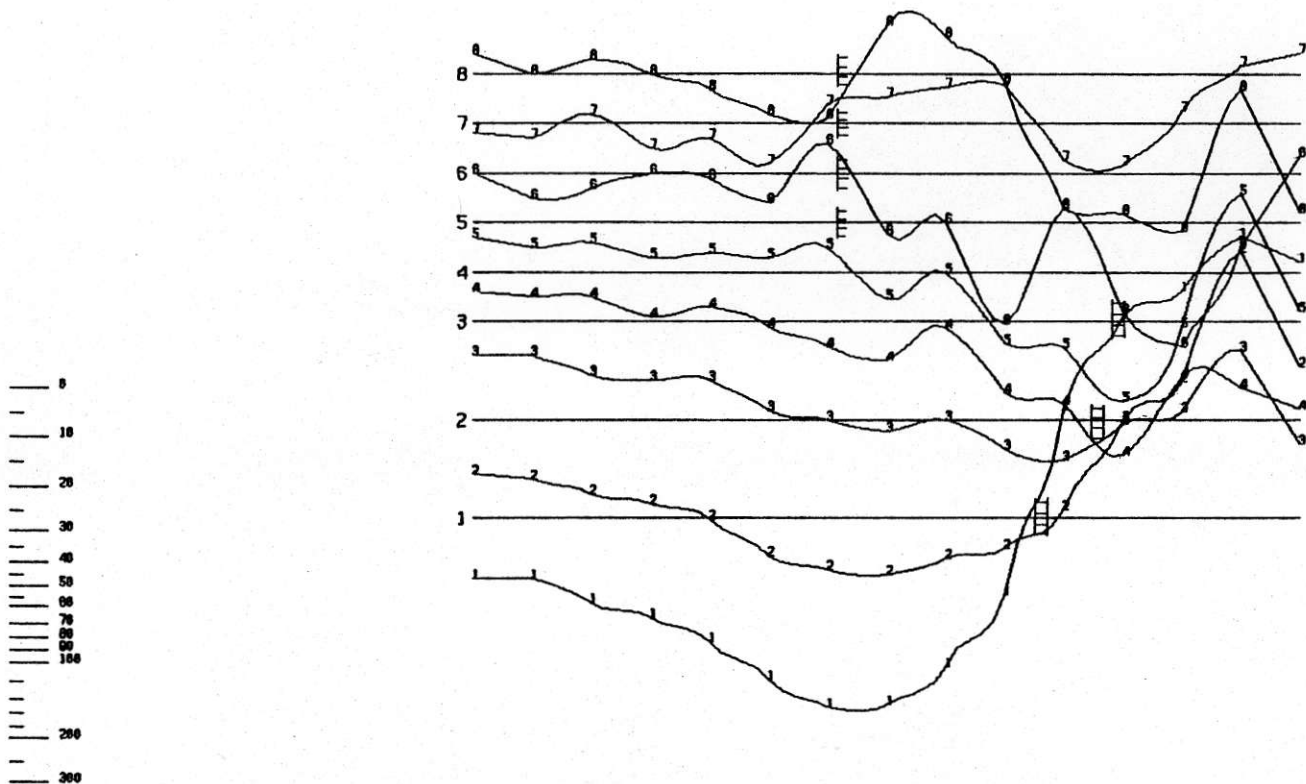
N.T.S. 92-8/13

DATE 8 MAY 1970

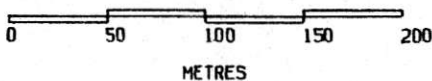
FIG. NO: 12

LOOP-A

3220 N
3190 N
3160 N
3130 N
3100 N
3070 N
3040 N
3010 N
2980 N
2950 N
2920 N
2890 N
2860 N
2830 N
2800 N



+ OR -
P.P.K.
SCALE



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT
LINE 10000W -A

GLEN E. WHITE
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& SERVICES LTD.

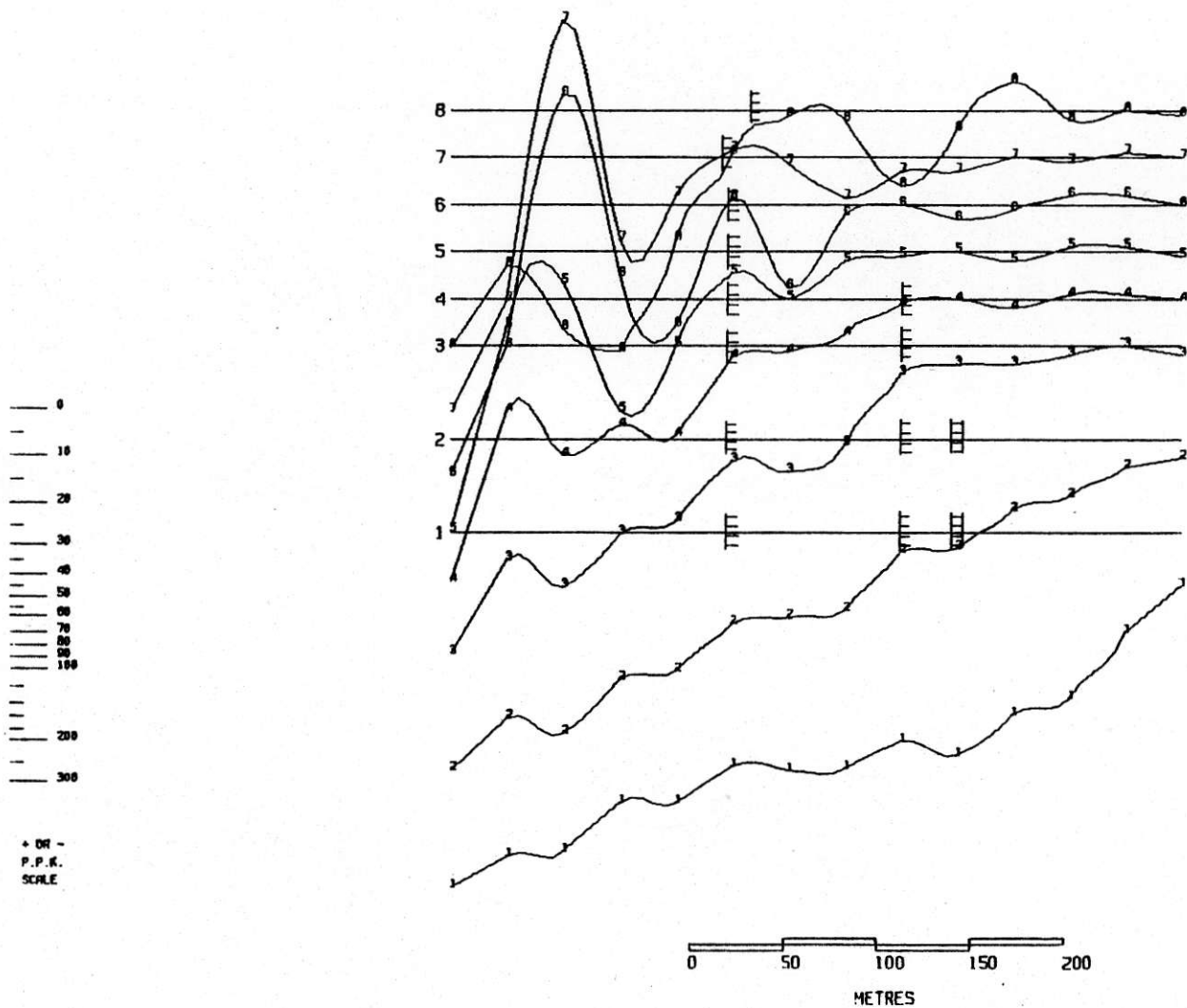
N.T.S. 92-B/13

DATE 9 MAY 1979

FIG. NO: 13

3250 N 3220 N 3190 N 3160 N 3130 N 3100 N 3070 N 3040 N 3010 N 2980 N 2950 N 2920 N 2890 N 2860 N

LOOP +B



0
10
20
30
40
50
60
70
80
90
100
200
300

+ OR -
P.P.K.
SCALE

0 50 100 150 200
METRES

NUMBER IN THE LINE = CHANNEL NUMBER INSTRUMENT: CRONE P.E.M.

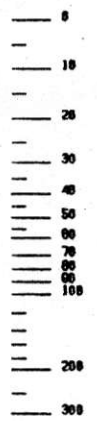
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 VECTOR PULSE ELECTROMAGNETOMETER
 HORIZONTAL COMPONENT
 LINE 10000W +B

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 & SERVICES LTD.

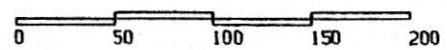
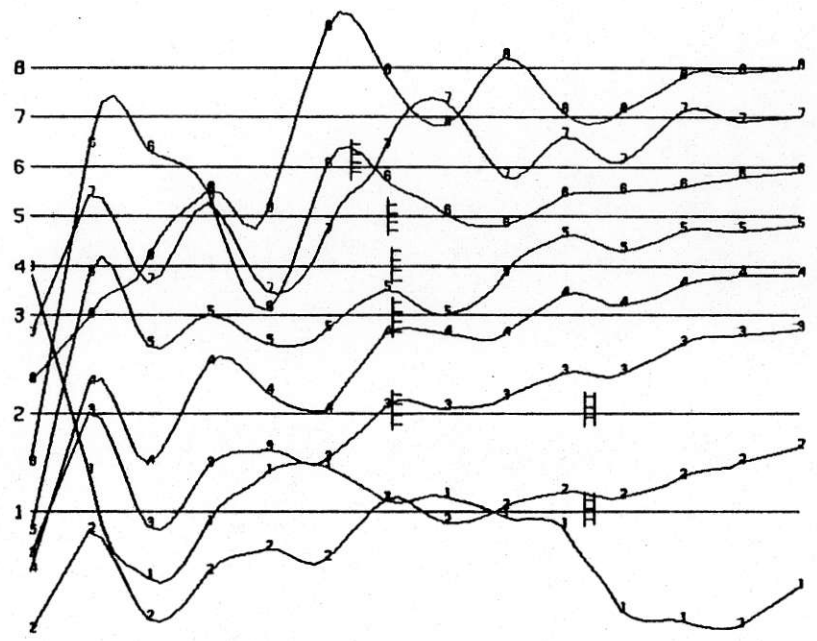
N.T.S. 92-B/13
 DATE 8 MAY 1970
 FIG. NO: 14

3250 N
3220 N
3190 N
3160 N
3130 N
3100 N
3070 N
3040 N
3010 N
2980 N
2950 N
2920 N
2890 N
2860 N

LOOP +B



+ OR -
P.P.K.
SCALE



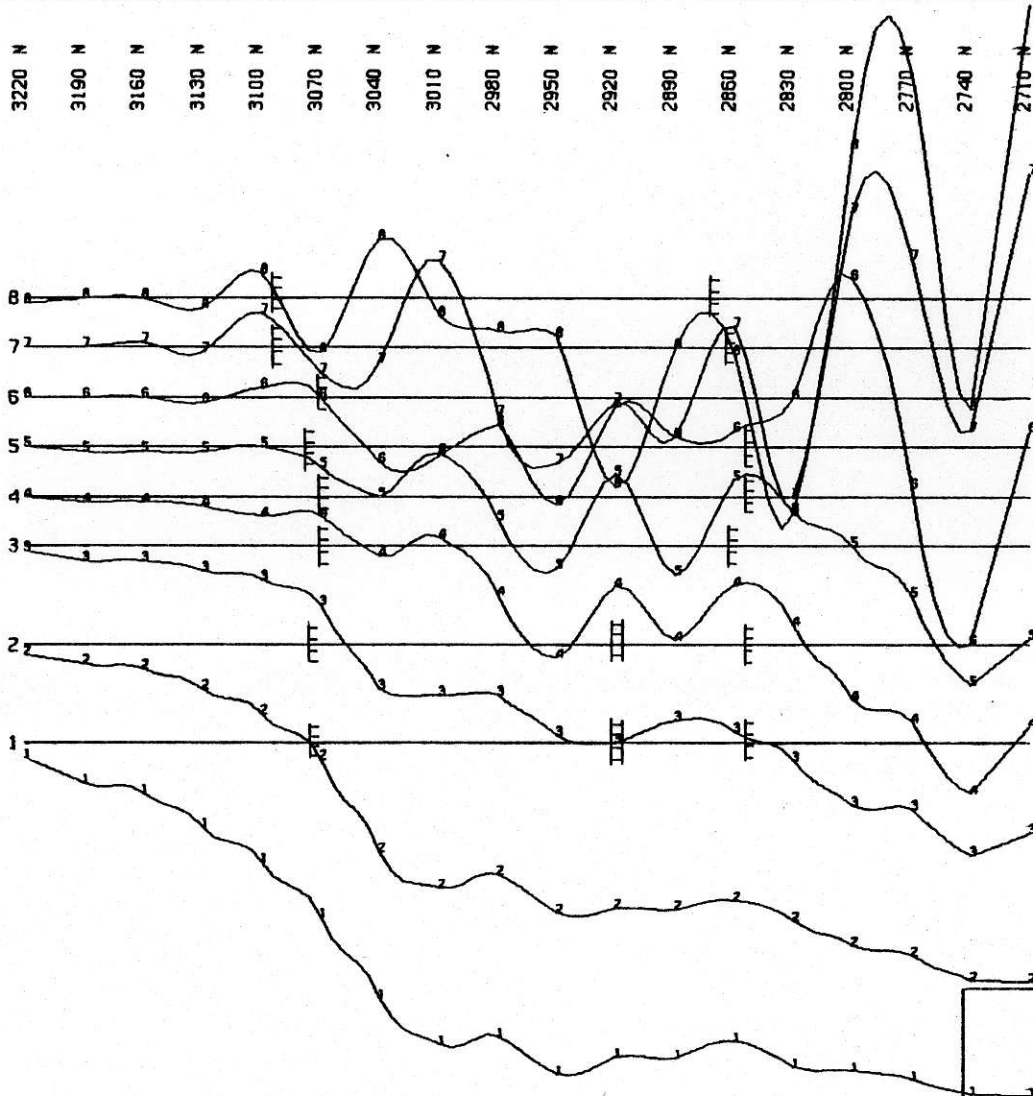
METRES

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER	
VERTICAL COMPONENT	
LINE 10000W	+B
GLEN E. WHITE	
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N.T.S. 92-B/13	
DATE 8 MAY 1978	
FIG. NO: 15	

LOOP-A



3220 N
3190 N
3160 N
3130 N
3100 N
3070 N
3040 N
3010 N
2980 N
2950 N
2920 N
2890 N
2860 N
2830 N
2800 N
2770 N
2740 N
2710 N

0
10
20
30
40
50
60
70
80
90
100
200
300

+ OR -
P.P.K.
SCALE

0 50 100 150 200

METRES

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 10400W -A

GLEN E. WHITE
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& SERVICES LTD.

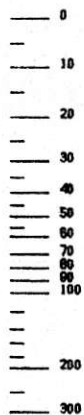
N.T.S. 92-B/13

DATE 8 MAY 1979

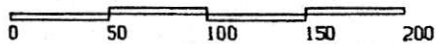
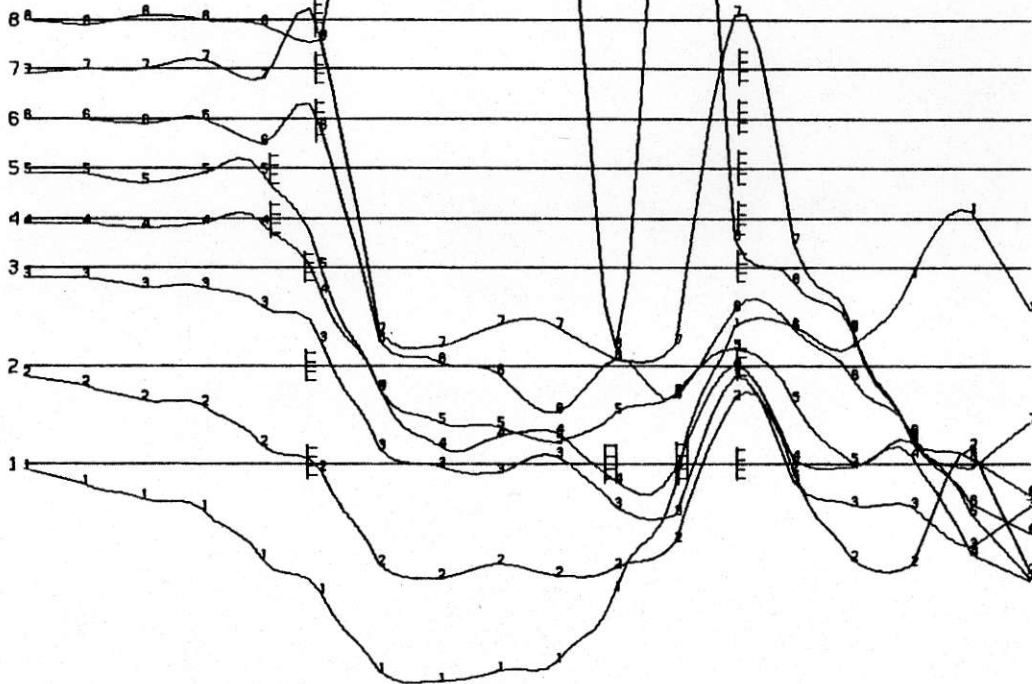
FIG. NO: 16

LOOP-R

3220 N
3190 N
3160 N
3130 N
3100 N
3070 N
3040 N
3010 N
2980 N
2950 N
2920 N
2890 N
2860 N
2830 N
2800 N
2770 N
2740 N
2710 N



+ OR -
P.P.M.
SCALE



METRES

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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VECTOR PULSE ELECTROMAGNETOMETER
VERTICAL COMPONENT

LINE 10400W -A

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& SERVICES LTD.

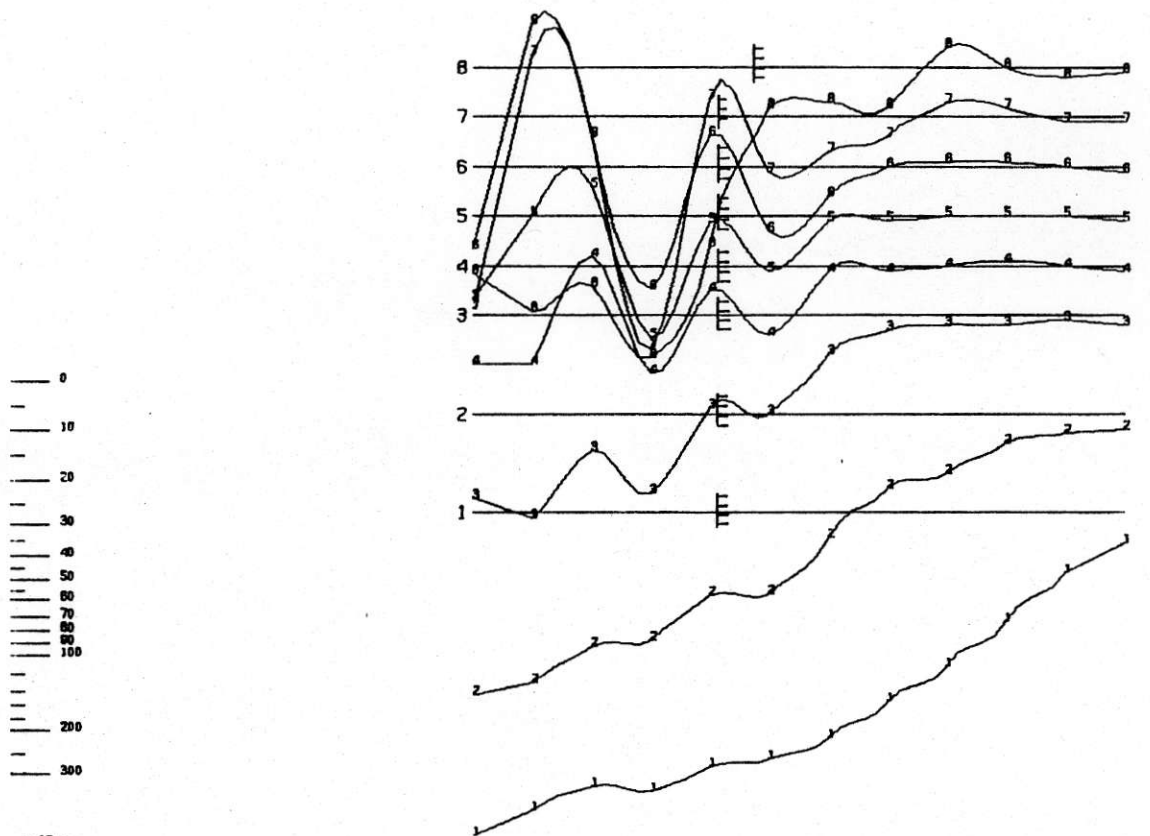
N.T.S. 92-B/13

DATE 9 MAY 1979

FIG.NO: 17

3160 N
3130 N
3100 N
3070 N
3040 N
3010 N
2980 N
2950 N
2920 N
2890 N
2860 N
2830 N

LOOP+B



0
10
20
30
40
50
60
70
80
90
100
200
300

+ OR -
P.P.K.
SCALE

0 50 100 150 200

METRES

NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

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MT. RICHARDS PROJECT

VECTOR PULSE ELECTROMAGNETOMETER
HORIZONTAL COMPONENT
LINE 10400W +B

GLEN E. WHITE
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& SERVICES LTD.

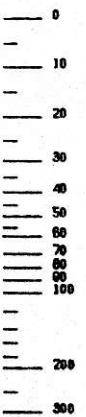
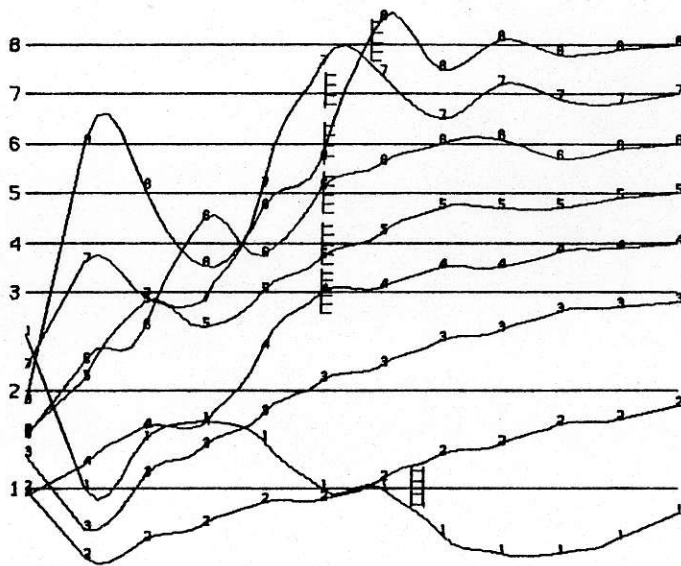
N.T.S. 92-B/13

DATE: 10 MAY 1970

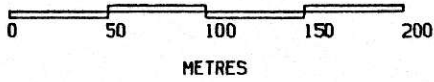
FIG. NO: 18

3160 N
3130 N
3100 N
3070 N
3040 N
3010 N
2980 N
2950 N
2920 N
2890 N
2860 N
2830 N

LOOP +B



+ OR -
P.P.M.
SCALE



NUMBER IN THE LINE = CHANNEL NUMBER

INSTRUMENT: CRONE P.E.M.

S E R E M LTD	
MT. RICHARDS PROJECT	
VECTOR PULSE ELECTROMAGNETOMETER VERTICAL COMPONENT	
LINE 10400W	+B
GLEN E. WHITE GEOPHYSICAL CONSULTING & SERVICES LTD.	N.T.S. 92-B/13 DATE 9 MAY 1970 FIG. NO: 19

CHANNEL			1	2	3	4	5	6	7	8	GAIN
LINE	STAT	LOOP	A								
9600W	3220N	VER:	-25	-25	-16	-8	-7	-2	-8	-8	1.00
		HOR:	-58	-30	-18	-11	-5	-4	-1	10	
9600W	3190N	VER:	-36	-35	-24	-17	-4	2	0	10	1.00
		HOR:	-64	-38	-18	-10	-7	-10	-8	-7	
9600W	3160N	VER:	-40	-32	-19	-13	-18	-18	-12	-3	1.00
		HOR:	-75	-45	-25	-15	-12	-4	-1	13	
9600W	3130N	VER:	-51	-38	-26	-12	-10	-7	-13	-21	0.94
		HOR:	-100	-63	-35	-17	-10	-6	-4	4	
9600W	3100N	VER:	-54	-41	-25	-15	-4	2	-9	-8	0.85
		HOR:	-117	-65	-29	-14	-3	-2	4	4	
9600W	3070N	VER:	-48	-36	-20	-12	-14	-10	-10	-12	0.75
		HOR:	-128	-80	-41	-16	-2	-8	-6	-24	
9600W	3040N	VER:	-33	-32	-23	-17	-14	-5	7	1	0.68
		HOR:	-161	-88	-42	-23	-14	1	7	26	
9600W	3010N	VER:	-13	-25	-27	-25	-27	-25	-17	-6	0.58
		HOR:	-189	-105	-51	-25	-15	-1	-15	31	
9600W	2980N	VER:	22	-14	-18	-12	-8	-2	4	-20	0.48
		HOR:	-112	-62	-31	-10	-10	-14	-14	-8	
9600W	2950N	VER:	42	-2	-22	-17	-17	-15	20	12	0.40
		HOR:	-172	-110	-55	-27	-12	-25	-30	-32	
9600W	2920N	VER:	61	5	-17	-17	-8	-2	14	-5	0.34
		HOR:	-152	-105	-64	-38	-32	-23	-32	-20	
9600W	2890N	VER:	80	16	-16	-16	-30	-43	-23	0	0.30
		HOR:	-153	-110	-66	-43	-10	16	10	13	
9600W	2860N	VER:	103	23	-23	-23	-15	0	-30	-23	0.26
		HOR:	-123	-103	-73	-46	-30	-26	-34	-46	
9600W	2830N	VER:	112	32	-32	-40	-48	-60	-48	12	0.25
		HOR:	-128	-120	-100	-80	-76	-72	-48	-40	
9600W	2800N	VER:	125	30	-35	-40	-30	-5	-25	-40	0.20
		HOR:	-140	-125	-70	-40	-35	-10	-25	-25	
LINE	STAT	LOOP	B								
9600W	3220N	VER:	3	-33	-33	-10	-16	-3	26	-13	0.30
		HOR:	-146	-106	-66	-30	-26	-20	-3	36	
9600W	3190N	VER:	15	-30	-30	-27	-25	0	15	7	0.40
		HOR:	-145	-97	-57	-32	-7	7	25	20	
9600W	3160N	VER:	8	-30	-30	-17	-2	6	-15	-34	0.46
		HOR:	-119	-73	-34	-6	0	-8	8	-32	
9600W	3130N	VER:	9	-27	-27	-18	-14	-18	3	-27	0.55
		HOR:	-110	-65	-40	-18	-7	-9	-5	12	
9600W	3100N	VER:	-4	-40	-40	-32	-30	-14	-5	10	0.70
		HOR:	-108	-52	-21	-17	-18	-17	-10	7	
9600W	3070N	VER:	-2	-27	-25	-17	-15	-10	-11	-12	0.80
		HOR:	-97	-43	-16	0	0	6	3	1	
9600W	3040N	VER:	-15	-31	-27	-21	-15	-5	4	1	0.95
		HOR:	-110	-42	-12	-2	1	9	5	-3	
9600W	3010N	VER:	-38	-37	-27	-18	-9	-11	-13	-2	1.00
		HOR:	-105	-36	-13	-4	-9	-7	-10	-7	

CHANNEL		1	2	3	4	5	6	7	8	GAIN
9600W	2980N	VER: -52	-28	-14	-6	-5	-2	5	1	1.00
		HOR: -64	-19	-3	0	0	0	0	2	
9600W	2950N	VER: -54	-24	-12	-4	-5	-3	-3	-4	1.00
		HCR: -56	-17	-4	-1	-1	2	3	2	
9600W	2920N	VER: -48	-21	-11	-5	-4	-1	2	2	1.00
		HOR: -25	-8	-2	0	0	0	0	-1	
9600W	2890N	VER: -40	-17	-7	-3	-2	1	2	0	1.00
		HOR: -22	-8	-4	-1	-1	0	-1	1	

LINE	STAT	LOCP	A							
10000W	3220N	VER: -12	-11	-7	-4	-3	0	-2	4	1.00
		HOR: -14	-5	-3	-1	-1	1	1	-1	
10000W	3190N	VER: -12	-12	-7	-5	-5	-5	-3	0	1.00
		HOR: -20	-11	-5	-3	-3	-4	-6	-11	
10000W	3160N	VER: -17	-15	-11	-5	-4	-3	2	3	1.00
		HOR: -26	-15	-6	-3	-2	2	6	8	
10000W	3130N	VER: -20	-17	-12	-9	-7	0	-5	0	1.00
		HOR: -31	-20	-11	-5	-1	0	5	7	
10000W	3100N	VER: -25	-20	-12	-7	-6	-1	-3	-3	1.00
		HOR: -40	-23	-12	-4	-1	0	0	-7	
10000W	3070N	VER: -35	-28	-18	-11	-7	-6	-8	-8	1.00
		HCR: -60	-36	-21	-6	-2	3	10	2	
10000W	3040N	VER: -45	-32	-20	-15	-5	6	4	-9	1.00
		HOR: -96	-54	-25	-11	2	9	17	6	
10000W	3010N	VER: -44	-33	-22	-17	-15	-12	5	10	0.90
		HOR: -133	-66	-17	-3	12	28	24	7	
10000W	2980N	VER: -31	-28	-20	-11	-10	-10	7	7	0.80
		HOR: -137	-72	-32	-18	-7	-7	-8	-28	
10000W	2950N	VER: -15	-26	-26	-24	-24	-32	7	-1	0.65
		HOR: -161	-86	-46	-16	-9	-6	13	16	
10000W	2920N	VER: 21	-18	-29	-27	-25	-7	-7	-27	0.55
		HOR: -190	-110	-56	-34	-27	-21	-9	18	
10000W	2890N	VER: 52	0	-20	-43	-41	-29	-8	-29	0.48
		HCR: -170	-104	-52	-41	-25	-2	-8	16	
10000W	2860N	VER: 65	7	-18	-21	-21	-39	2	-34	0.38
		HCR: -131	-86	-52	-23	-15	-7	7	-5	
10000W	2830N	VER: 108	38	-5	-23	5	-14	11	-2	0.34
		HOR: -114	-76	-52	-35	-23	-11	-11	-2	
10000W	2800N	VER: 85	10	-25	-28	-17	3	14	-28	0.28
		HOR: -142	-110	-71	-46	-21	-10	-25	-92	

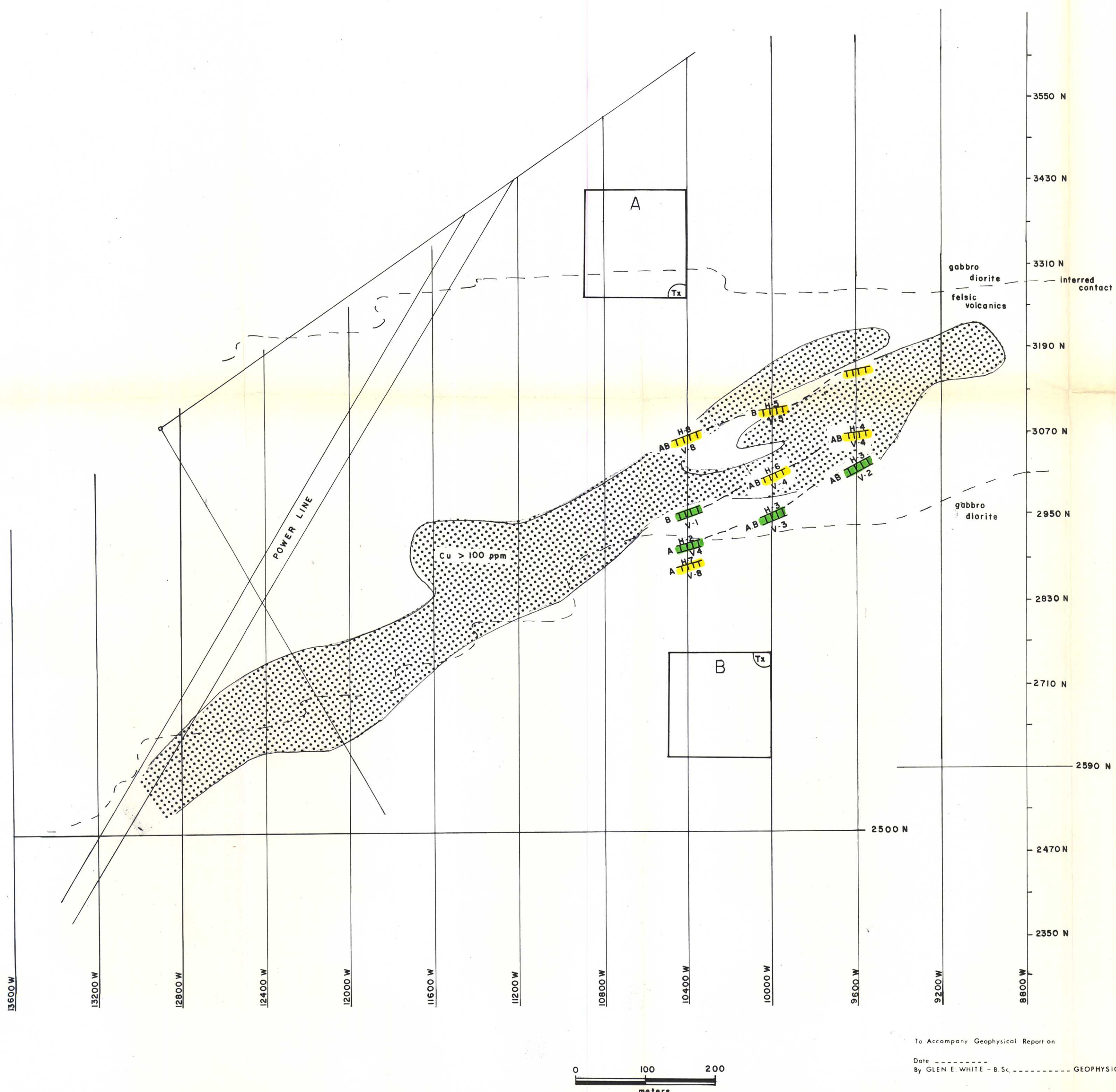
LINE	STAT	LOOP	B							
10000W	3250N	VER: 75	-60	-75	-135	-150	-125	-60	-145	0.20
		HOR: -250	-200	-160	-125	-120	-110	-95	-80	
10000W	3220N	VER: 8	-24	-20	-24	-12	4	-16	-80	0.25
		HOR: -184	-120	-64	-24	-16	-32	-32	-36	
10000W	3190N	VER: -13	-53	-56	-50	-26	3	-36	-46	0.30
		HOR: -176	-140	-83	-36	-6	23	30	-66	

CHANNEL		1	2	3	4	5	6	7	8	GAIN
10000W	3160N VER:	-2	-35	-32	-20	-20	-5	-17	-25	0.40
	HOR:	-110	-82	-50	-27	-37	-15	-17	-82	
10000W	3130N VER:	8	-28	-28	-26	-26	-30	-40	-30	0.50
	HOR:	-110	-76	-44	-30	-20	-26	-8	-28	
10000W	3100N VER:	9	-30	-30	-30	-23	0	-23	7	0.65
	HOR:	-76	-47	-24	-12	-4	1	1	-9	
10000W	3070N VER:	2	-17	-18	-13	-15	-2	-6	-1	0.80
	HCR:	-80	-45	-27	-11	-10	-17	-1	-1	
10000W	3040N VER:	3	-22	-18	-13	-20	-9	3	-11	0.95
	HCR:	-78	-42	-21	-7	-2	-2	-8	-2	
10000W	3010N VER:	-1	-19	-17	-14	-12	-12	-12	2	1.00
	HOR:	-60	-24	-6	-1	-1	0	-3	-16	
10000W	2980N VER:	-3	-16	-12	-6	-4	-6	-4	-9	1.00
	HOR:	-69	-23	-4	0	0	-3	-3	-4	
10000W	2950N VER:	-20	-17	-12	-8	-7	-5	-9	-9	1.00
	HOR:	-47	-15	-4	-2	-2	-1	0	6	
10000W	2920N VER:	-22	-13	-6	-4	-3	-4	1	-2	1.00
	HOR:	-40	-12	-2	1	1	2	-1	-2	
10000W	2890N VER:	-23	-10	-4	-2	-3	-2	-1	-1	1.00
	HOR:	-21	-6	0	1	1	2	1	0	
10000W	2860N VER:	-15	-7	-3	-2	-2	-1	0	0	1.00
	HOR:	-11	-4	-2	0	-1	0	0	-1	

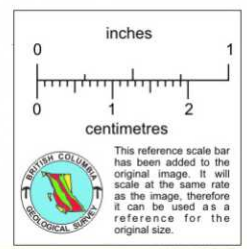
LINE	STAT	LCCP	A							
10400W	3220N VER:	-1	-2	-2	-1	-1	0	-1	0	1.00
	HOR:	-3	-2	-1	0	0	0	0	-1	
10400W	3190N VER:	-4	-4	-2	-1	-1	0	0	-1	1.00
	HOR:	-8	-4	-3	-1	-1	0	0	0	
10400W	3160N VER:	-7	-7	-4	-2	-3	-1	0	1	1.00
	HOR:	-10	-5	-3	-1	-1	0	1	0	
10400W	3130N VER:	-9	-8	-4	-1	-1	0	2	0	1.00
	HOR:	-17	-9	-5	-2	-1	-1	-1	-2	
10400W	3100N VER:	-19	-16	-8	-1	-1	-5	-2	-1	1.00
	HOR:	-24	-14	-7	-4	0	2	7	5	
10400W	3070N VER:	-26	-21	-15	-15	-20	-2	6	-4	1.00
	HOR:	-40	-23	-12	-4	-4	0	-5	-11	
10400W	3040N VER:	-54	-50	-43	-39	-62	-62	-90	-130	1.00
	HOR:	-84	-54	-30	-12	-10	-13	-3	12	
10400W	3010N VER:	-58	-56	-50	-65	-83	-75	-102	-164	0.85
	HCR:	-129	-75	-31	-8	-1	-11	17	-3	
10400W	2980N VER:	-53	-49	-53	-60	-86	-84	-84	-160	0.75
	HOR:	-120	-66	-32	-20	-14	-5	-13	-6	
10400W	2950N VER:	-49	-55	-46	-58	-100	-120	-86	-169	0.65
	HOR:	-169	-95	-46	-35	-24	-21	-23	-7	
10400W	2920N VER:	-25	-50	-72	-90	-76	-72	-116	-163	0.55
	HCR:	-145	-90	-49	-18	-5	-1	-10	-45	
10400W	2890N VER:	-4	-40	-78	-80	-64	-104	-100	-210	0.50
	HOR:	-146	-92	-40	-30	-26	-8	-18	-10	

CHANNEL	1	2	3	4	5	6	7	8	GAIN
10400W 2860N	VER: 28	-6	-22	-31	-42	-46	11	-60	0.45
	HCR: -124	-84	-44	-17	-6	-6	4	-11	
10400W 2830N	VER: 28	-21	-57	-73	-68	-55	-39	-89	0.38
	HOR: -157	-102	-57	-26	-13	0	-31	-57	
10400W 2800N	VER: 24	-48	-72	-80	-120	-88	-88	-140	0.25
	HOR: -164	-128	-88	-52	-20	24	28	32	
10400W 2770N	VER: 45	-50	-72	-72	-100	-145	-245	-377	0.22
	HOR: -177	-140	-90	-63	-31	-18	18	63	
10400W 2740N	VER: 83	-16	-105	-177	-194	-277	-316	-455	0.18
	HOR: -205	-177	-138	-122	-72	-77	-16	-22	
10400W 2710N	VER: 33	-53	-73	-226	-346	-360	-206	-633	0.15
	HOR: -206	-180	-113	-66	-46	-6	40	120	

LINE	STAT	LOOP	B							
10400W	3160N	VER: 33	-20	-36	-83	-73	-120	-100	-216	0.30
		HOR: -156	-106	-43	-20	-16	-16	-46	-53	
10400W	3130N	VER: 0	-37	-72	-62	-45	-60	-37	-20	0.40
		HOR: -125	-95	-52	-20	0	30	12	-75	
10400W	3100N	VER: 10	-32	-44	-44	-22	-44	-52	-30	0.50
		HCR: -100	-68	-28	2	6	6	-4	-60	
10400W	3070N	VER: 13	-27	-33	-43	-27	-15	-53	-61	0.65
		HOR: -104	-64	-41	-21	-24	-24	-67	-115	
10400W	3040N	VER: 10	-22	-25	-21	-20	-22	-18	-36	0.80
		HOR: -93	-42	-18	-5	-1	6	3	-41	
10400W	3010N	VER: 0	-22	-18	-10	-13	-9	6	-23	1.00
		HOR: -78	-42	-20	-14	-11	-13	-11	-8	
10400W	2980N	VER: 0	-18	-15	-9	-8	-4	4	5	1.00
		HOR: -64	-25	-8	-1	-1	-6	-7	-7	
10400W	2950N	VER: -9	-13	-10	-5	-3	0	-5	-5	1.00
		HOR: -46	-15	-3	-1	-1	0	-4	-8	
10400W	2920N	VER: -13	-11	-8	-5	-3	1	2	1	1.00
		HOR: -33	-12	-2	0	0	1	3	4	
10400W	2890N	VER: -13	-7	-4	-2	-3	-3	-1	-2	1.00
		HOR: -22	-6	-2	1	0	1	2	0	
10400W	2860N	VER: -10	-6	-3	-1	-1	-1	-2	-1	1.00
		HOR: -12	-4	-1	0	0	0	-1	-2	
10400W	2830N	VER: -5	-3	-2	0	0	0	0	0	1.00
		HOR: -6	-3	-2	-1	-1	-1	-1	-1	



H-1 HORIZONTAL COMPONENT No. of channels
 V-1 VERTICAL COMPONENT No. of channels
 A VP-EM CONDUCTIVE RESPONSE
 A VP-EM CONTACT RESPONSE

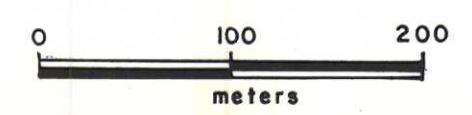


INSTRUMENT: CRONE P.E.M.

SEREM LTD.
MT. RICHARDS PROJECT

VECTOR PEM RESPONSE TRENDS

<i>Glen E. White</i> <i>geophysical consulting</i> <i>services Ltd.</i>	INTERPRETED BY:
	DRAWN BY:
	CHECKED BY:
	DATE:
FIG. No.: 1	



To Accompany Geophysical Report on

Date: _____
 By GLEN E. WHITE - B.Sc. - - - - - GEOPHYSICIST