

3548

SUPPLEMENTARY GEOPHYSICAL NOTES

ON

MINERAL LEASE M65

LILLOOET MINING DIVISION, B.C.

Latitude $50^{\circ}52.5'N$, Longitude $122^{\circ}46.5'W$.

by

Guy B. Allen, P.Eng. Feb. 22, 1972

Department of Mines and Petroleum Resources ASSESSMENT REPORT NO. 3548 MAP

Work Declaration:

The following declaration of work pertains to the preparation and presentation of the Supplementary Geophysical Report on M 65 Mineral Lease by Guy B. Allen, P.Eng.

1. Drafting and plotting: 2 days @ \$25.00 ..	\$50.00
2. Engineer's Interpretation and report preparation - 1 day @ \$150.00 ..	150.00
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Guy B. Allen

Guy B. Allen, P. Eng.
February 22, 1972



Expiry Date: April 22, 1972

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LIST OF ILLUSTRATIONS

- A* 1. EM 16 Profiles In Pocket

MINERAL LEASE - M 65

General

The following notes are meant to be considered in conjunction with the "Geochemical and Geophysical Report" for TVI Mining Ltd., by G. L. Anselmo and Glen E. White dated August 11, 1971.

Field work on the property was carried out during the period June 25 - July 4, 1971 by Tri-Con Exploration Surveys.

The property is located on the south side of the Bridge River at Latitude $50^{\circ}52.5'N$ and Longitude $122^{\circ}46.5'W$ in the Lillooet Mining Division, British Columbia. Access is by 3.5 miles of gravel road east from Goldbridge, B.C.

Geophysical Notes

An E.M.6 electromagnetic survey was carried over the property as part of the 1971 field program. Readings were taken every 50 feet along seven lines running approximately east-west across the property. In the original geophysical section of the report by Mr. Glen E. White this data was filtered in the field using the "Fraser Method" as described by D. C. Fraser, Geophysics Vol.34, No.6 (December 1969). Description of the instrument and its operation can be found on pp. 4-5 of Mr. White's report.

For this supplementary report, the author has taken both the unfiltered in phase readings and the quadrature values and plotted them in accordance with the station at which they were taken,

Geophysical Notes (Cont'd.)

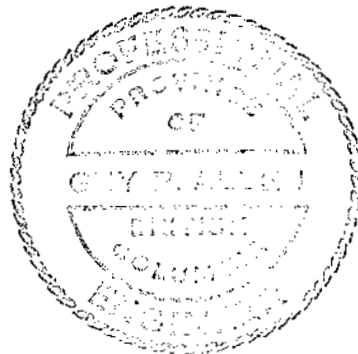
Lines drawn connecting corresponding readings at adjacent stations give an electromagnetic profile along the survey lines. The incidence of conductive zones has been indicated by heavy dashed lines at the appropriate in phase cross-over points.

Conclusion:

Plotting the unfiltered E.M.16 results and profiling them shows up the stronger conductive zones and more clearly indicates the orientation of the prospective conductive shear zones.



Guy B. Allen, P.Eng.
February 22, 1972



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LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM OF PAIRS	FILTERED DATA	REMARKS & SLOPE
73/1150 E	9.5	9+	+20	+13	20w
7450 E	-5.0	5+	+14	+8	2w
7550 E	-2.5	2+	+7	-1	1w
8100 E	-2.0	4+	+6	-3	0
7650 E	-3.0	4+	+8	-3	0
9100 E	-4.5	5+	+9	-2	0
9450 E	-4.0	6+	+11	+1	0
10100 E	-5.0	5+	+11	+4	0
10150 E	-3.0	5+	+10	+5	12w
11500 E	-1.0	2+	+7	+1	10w
11550 E	-1.5	3+	+5	-1	4w
11600 E	-2.0	3+	+6	0	6w
11650 E	-0.5	3+	+6	+1	4w
11700 E	-1.0	3+	+6	+1	2E
11750 E	-1.0	3+	+5	0	1w
11800 E	-1.0	2+	+5	+2	0
14100 E	-1.0	3+	+5	+1	10w
14150 E	-2.5	2+	+3	-4	6w
15100 E	-1.0	1+	+4	-4	4w
15150 E	-1.0	3+	+7	-1	3w
16150 E	1.0	4+	+8	0	1E
16150 E	2.0	1+	+8	0	0
17100 E	0.0	4+	+8	+1	12w
17150 E	-0.5	4+	+8	+1	12w
17150 E	-1.5	3+	+7	-3	12w
17150 E	-1.5	3+	+7	-3	6w

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM OF PAIRS	FILTERED DATA	REMARKS & SLOPE
3/3750 E	-11.0	6+	+11	-3	0
38100 E	-13.0	9+	+15	+6	17° W
38500 E	-9.0	5+	+14	+6	17° W
39100 E	-6.0	4+	+9	+5	4 W
39150 E	-3.5	4+	+8	+8	5 E
40000 E	1.0	0	+4	+4	0
40150 E	2.0	0	0	-2	6w
41400 E	1.5	0	0	-4	6w
41550 E	2.0	3+	+2	-1	13E
42000 E	3.0	2+	+4	0	15E
42050 E	4.0	1+	+3	-4	19E
42100 E	4.5	1+	+4	-6	19E
43000 E	3.0	3+	+7	-8	19E
43050 E	15.0	4+	+7	-8	15E
44000 E	4.0	6+	+10	-7	14E
44050 E	1.0	9+	+15	-1	6E
44500 E	1.0	9+	+17	0	4E
45000 E	1.5	5+	+16	-4	7E
45050 E	1.5	3+	+17	-6	9E
46000 E	2.5	9+	+20	-6	24E
46150 E	1.0	11+	+23	-6	35E
47000 E	1.5	12+	+26	-3	20w
47050 E	-5.0	14+	+29	+5	15w
48000 E	-7.5	15+	+29	+10	24w
48050 E	10.5	14+	+24	+8	26w
49000 E	-6.5	10+	+19	+4	15w
49150 E	-6.5	9+	+19	+4	15w

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM OF PAIRS	FILTERED DATA	REMARKS & SLOPE
58/12150 E	11.0	0	+1	0	8° W
13100 E	12.0	1+	+1	-1	61w
13500 E	11.5	0	11	-1	0°
14100 E	10.5	2+	+2	-1	0°
14150 E	11.0	0	+12	-3	10°
15000 E	-2.0	3+	+3	-4	5w
15050 E	-4.0	2+	+5	-2	11w
16000 E	-4.0	5+	+7	+2	16° W
16050 E	-6.0	2+	+7	0	14w
17000 E	-9.5	3+	+5	-2	8° W
17050 E	-9.0	6+	+7	-2	50w
17100 E	-8.0	5+	+9	+5	4° W
17150 E	-7.5	4+	+9	+11	21w
18000 E	-2.0	0	+4	+6	17w
18050 E	-2.0	1-	-2	-4	13w
20000 E	0.0	0	-2	-6	15w
20050 E	-0.5	2+	+2	-3	7w
21000 E	-0.5	2+	+4	-2	0
21050 E	-4.0	3+	+5	0	6w
22000 E	+1.0	3+	+6	0	14w
22050 E	+1.5	3+	+5	-4	6w
23000 E	-2.5	4+	+6	-3	10w
23050 E	+1.0	5+	+9	0	4w
24000 E	0.0	4+	+9	-2	0
24050 E	0.0	5+	+9	-4	10

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Property TR Date 27/11/71
 Job No. 7111 Operator STARK
 Trans. SCOTTIE Face SOUTH

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM OF PAIRS	FILTERED DATA	REMARKS & SLOPE
58/50100E	-5.5	- +	+16	+4	0
50150E	-5.5	- +	+15	+4	0
51100E	-5.5	- +	+12	+2	0
51450E	-7.5	5 +	+9	-1	0
52100E	-7.5	5 +	+10	-1	0
52450E	-9.5	5 +	+10	0	0
53100E	-10.5	5 +	+11	0	0
53450E	-12.5	5 +	+16	-5	0
54100E	-13.5	7 +	+11	-5	9 W
54450E	-16.0	8 +	+15		9 W
58/55100E	-16.0	7 +			9 W
125/0+00	12.5	3 -			28/6/71
0+150E	12.5	10 -	-17	0	22E
1450E	+12.0	7 -	-17	2	16 E
1450E	-2.0	10 -	-17	-1	17
2120E	-9.0	10 -	-20	-12	0
2120E	-10.5	7 -	-17	-19	32 W
2400E	-15.0	1 -	-5	-15	32 W
3150E	-19.0	2 +	+1	-14	40 W
4100E	-19.0	5 +	+7	-13	40 W
445E	-19.5	10 +	+15	-5	40 W
5100E	-16.5	7 +	+120	-1	40 W
5400E	-14.5	11 +	+20	0	40 W
125/14450E	-13.5	11 +	+21	+7	22 W

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LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM OF PAIRS	FILTERED DATA	REMARKS & SLOPE
58/55100E	-3.5	6 +	+11	-2	5 W
55150E	-5.0	7 +	+13	+4	0
26100E	-5.0	7 +	+13	+5	0
26450E	-7.0	3 +	+9	+1	0
27100E	-7.0	3 +	+8	+5	9 W
27450E	-4.0	2 +	+8	+10	6 W
28100E	-2.5	1 -	+2	+3	0
28450E	-2.0	7 +	-2	-8	11 E
29100E	-2.0	7 +	0	-2	21 E
29450E	-4.0	4 +	+6	+16	17 W
29150E	-4.0	4 +	+2	+17	17 W
29200E	-5.0	3 -	-10	-8	20 E
29550E	+3.5	8 -	-15	-22	7 E
29600E	+1.0	7 -	-2	-4	0
31100E	5.0	1 +	+7	0	10 W
32100E	-5.0	2 +	+2	-12	42 E
32450E	-5.0	2 +	+7	-12	43 E
33100E	-3.0	7 +	+14	-9	112 W
33450E	-4.0	7 +	+19	0	43 W
34100E	-4.5	12 +	+23	+13	21 W
34450E	-1.0	4 +	+19	+14	20 W
35100E	-1.0	7 +	+10	+5	23 W
35450E	-1.0	7 +	+5	-3	20 W
36100E	-2.0	2 +	+5	-6	0
36450E	-2.0	3 +	+8	-7	0
58/37450E	-1.0	5 +			0

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LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM OF PAIRS	FILTERED DATA	REMARKS & SLOPE
58/50100E	-5.5	- +	-9	+10	0
50150E	-5.5	- +	-1	-7	17 W
51100E	-5.5	- +	-4	-10	17 W
51450E	-7.5	5 +	-15	-6	17 W
52100E	-7.5	5 +	-2	-1	10 W
52450E	-9.5	5 +	-1	-3	12 W
53100E	-10.5	5 +	-6	-4	14 W
53450E	-12.5	5 +	-10	-5	14 W
54100E	-13.5	7 +	-2	-4	14 W
54450E	-16.0	8 +	-2	-4	14 W
58/55100E	-16.0	7 +	+1	-3	14 W
125/0+00	12.5	3 -	+2	-3	14 W
0+150E	12.5	10 -	+17	-3	14 W
1450E	+12.0	7 -	+17	-3	14 W
1450E	-2.0	10 -	+9	-1	0
2120E	-9.0	10 -	+10	-2	14 W
2120E	-10.5	7 -	+10	-1	14 W
2400E	-15.0	1 -	+12	15	14 W
3150E	-19.0	2 +	+11	+7	14 W
4100E	-19.0	5 +	+9	15	14 W
445E	-19.5	10 +	+14	+1	14 W
5100E	-16.5	7 +	+1	-2	15 W
5400E	-14.5	11 +	+13	+2	15 W
58/12450E	-1.0	11 +	+13	+2	11 W

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM OF PAIRS	FILTERED DATA	REMARKS & SLOPE
19s/50100E	-16.0	19+	+30	-4	15W
50150E	-17.0	14+	137	+7	20W
51100E	-15.0	16+	+34	+7	30W
51150E	-12.0	14+	+30	+3	32W
52100E	-14.0	13+	127	+12	32W
52150E	-13.0	10+	+26	+15	30W
53100E	-12.0	5+	+15	+4	30W
53150E	-12.0	6+	111	+6	30W
54100E	-9.0	5+	+11	+11	25W
54150E	-7.0	0	+5		25W
26s/60100E	-6.0	0	0		0
					30/171
26s/60100W	-3.0	3+	+13	+3	12W
0150E	-4.0	0	0	-1	13W
1100E	-6.0	0	0	-4	15W
1450E	-8.0	0	0	-6	17W
2100E	-6.5	1+	+1	-4	13W
2150E	-6.0	3+	+4	0	14W
3100E	-5.5	4+	+7	+2	15W
3150E	-5.0	4+	+7	+3	10W
4100E	-3.0	3+	+6	+3	8W
4150E	-1.5	13+	+4	+11	13W
5100E	-3.0	1+	-2	+6	16W
5150E	13.0	3-	-7	-6	25E
26s/60100E	+3.0	4-			25E

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM OF PAIRS	FILTERED DATA	REMARKS & SLOPE
26s/19100E	-2.0	9+	+18	+2	0
19150E	-2.0	8+	+17	+1	2W
20100E	0	8+	+16	+1	2W
20150E	-2.0	7+	+15	-3	5W
21100E	-1.0	8+	+15	-9	10W
21150E	-6.0	10+	118	-10	15W
22100E	-8.0	14+	124	-3	15W
22150E	-11.0	14+	+28	+2	20W
23100E	-8.0	13+	+27	+8	25W
23150E	-7.0	10+	+26	+8	30W
24100E	-4.0	9+	+19	+1	30W
24150E	-4.0	9+	+18	+2	30W
25100E	-4.5	9+	+18	+2	20W
25150E	-4.5	7+	+16	+2	0
26100E	-4.5	8+	+15	+4	5E
26150E	-2.5	7+	+14	+5	0
27100E	-3.5	4+	+11	+2	20W
27150E	-6.0	5+	+9	+1	20W
28100E	-4.5	4+	+9	+1	15W
28150E	-3.5	4+	+8	+1	15W
29100E	-4.5	4+	+8	+7	15W
29150E	-3.5	4+	+7	+12	15W
30100E	-2.0	2-	+1	+8	10W
30150E	-1.0	3-	-5	+13	20W
26s/31100E	+2.0	4-	-7	+19	20W

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM OF PAIRS	FILTERED DATA	REMARKS & SLOPE
26s/44100E	-8.0	14+	+30	+10	35W
44150E	-2.0	11+	+25	-12	10W
45100E	-0.5	9+	+20	+11	10W
45150E	+4.0	4+	+13	+8	10E
46100E	+6.0	5+	+9	+6	10E
46150E	+7.0	0	+5	+7	3E
47100E	+12	2-	+3	+7	5E
47150E	+10	0	-2	+7	7E
48100E	+11.0	4-	-14	+3	15E
48150E	+9.5	5-	-9	-5	10E
49100E	+5.0	2-	-7	-15	15E
49150E	+2.0	0	-2	-20	15E
50100E	-10.0	8	+8	-17	15W
50150E	-15.5	10+	+18	-12	35W
51100E	-16.0	15+	+25	-4	35W
51150E	-13.0	15+	+30	+2	45W
52100E	-14.0	14+	+29	+1	45W
52150E	-14.0	14+	+28	-1	20W
53100E	-12.0	14+	+28	-2	20W
53150E	-9.0	15+	+29	+3	10W
54100E	-11.0	15+	+30	+9	20W
54150E	-12.0	11+	+28		20W
26s/55100E	-15.0	10+	+21		20W

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Property TR Date 29/6/71
 Job No. 7111 Operator STARK
 Trans. SEATTLE Face SOUTH

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM PAIRS	FILTERED DATA	REMARKS & SLOPE
195/3540E	-11	23+	+40	-2	32W
3540E	-12	21+	+42	+6	32W
3540E	-6	22+	+42	H/H	35W
3740E	-12	16+	+36	+5	25W
3940E	-12	15+	+31	+2	35W
4040E	-14	16+	+31	+1	35W
4140E	-12	13+	+29	-2	45W
4140E	-16	17+	+30	-6	45W
4140E	-10	18+	+31	+14	30W
4340E	-4	10+	+24	+12	25W
4340E	+1	7+	+17	+8	0
4340E	+3	8+	+12	+5	10E
4340E	+4	4+	+9	+5	10E
4440E	+6	3+	+7	+5	2E
4440E	+8	1+	+4	+1	5E
4540E	+8	1+	+2	0	10E
4540E	+5	2+	+3	+3	22E
4540E	+5	2+	12	+3	22E
4540E	+6	0	0	H/H	20E
4740E	+6	1-	-1	-7	15E
4740E	+5	0	-1	-13	0
4740E	-5	8+	+6	-14	30W
4740E	-	1+	+17	-3	30W
4740E	-11	4+	+20	-10	30W
195/4740E	-11	1+	+20	-17	22W

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 Trans. SEATTLE Face SOUTH

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM PAIRS	FILTERED DATA	REMARKS & SLOPE
265/3400E	15.0	4-	-8	-21	0
7400E	-3.5	3+	-1	-25	30W
7450E	-14.0	10+	+13	-22	30W
8100E	-15.0	14+	+24	-13	30W
8150E	-15.0	14+	+35	+5	30W
8150E	-18.0	2+	+37	+9	34W
9100E	-18.0	1+	+30	+5	35W
9150E	-17.5	14+	+28	+10	35W
10400E	-12.5	14+	+25	+12	35W
10400E	-12.0	11+	+18	+6	35W
11400E	-11.0	7+	+13	-2	30W
11400E	-20.0	6+	+12	-5	30W
12400E	-19.0	6+	+15	-4	30W
13400E	-16.0	7+	+19	0	30W
13400E	-17.0	12+	+19	-3	30W
13450E	-14.0	9+	+19	-6	30W
14400E	-13.0	10+	+22	0	30W
14400E	-11.5	12+	+25	+11	33W
15400E	-12.0	12+	+22	+11	20W
15400E	-12.0	9+	+14	+2	20W
16400E	-13.0	5+	+11	-4	20W
16400E	-14.0	5+	+12	-4	20W
17400E	-2.0	6+	+15	-1	30W
17400E	-4.0	9+	+16	-2	30W
18400E	-6.0	7+	+16	-1	20W
265/18400E	-4.0	9+	+16	-1	20W

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Property TR Date 30/6/71
 Job No. 7111 Operator STARK
 Trans. SEATTLE Face SOUTH

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM PAIRS	FILTERED DATA	REMARKS & SLOPE
265/31450E	+6	11-	-18	+11	10W
32400E	+10	15-	-26	-1	25E
32400E	+12	14-	-29	-8	25E
33400E	-	-	-25	-8	35E
33400E	-	-	-21	-10	35E
33450E	+12	10-	-17	-11	40E
34400E	+5	7-	-11	-9	40E (INT)
34450E	+7	4-	-6	-6	20E
35100E	+6	2-	-2	-4	20E
35150E	+4	0	0	-6	20E
36100E	+4	0	12	-8	20E
36450E	+3	2+	+6	-5	20E
37100E	+3	4+	+10	-8	20E
37450E	-4	6+	+11	-15	20E
38100E	-1	7+	+18	-11	0
38450E	-10	1+	+26	-3	30
39400E	-10	14+	+29	-1	35
39450E	-12	14+	+29	-6	35
40400E	-11	15+	+29	-14	35
40450E	-11	15+	+35	-10	35
41100E	-13	20+	+44	+3	40
41400E	-18	24+	+55	+6	40
42400E	-13	21+	+41	+6	35
42450E	-12	20+	+59	+9	35
43100E	-10	19+	+35	+10	35
265/43150E	-10	16+	+35	+10	35

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Property TR Date 29/1/71
 Job No. 7111 Operator STARR
 Trans. SEATTLE Face SOUTH

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM PAIRS	FILTERED DATA	REMARKS & SLOPE
120/19150E	-2.0	4+	+7	-4	6W
19150E	-4.0	4+	+10	0	14W
20150E	-5.5	5+	+11	0	14W
2050E	-6.0	5+	+10	-2	14W
21150E	-6.0	6+	+11	+1	14W
2150E	-6.0	6+	+12	+5	14W
22150E	-6.0	6+	+10	+3	14W
23150E	-6.0	7+	+17	+2	14W
2350E	-6.0	7+	+7	+5	0
24150E	-3.5	4+	+5	0	10W
2450E	-3.5	4+	+5	0	10W
25150E	-3.5	4+	+2	-6	8W
2550E	-3.5	4+	+5	-3	8W
26150E	-3.5	4+	+8	-2	8W
2650E	-3.5	4+	+8	-2	4W
27150E	-3.5	4+	+10	0	3W
2750E	-3.5	4+	+10	+1	2W
28150E	-3.5	4+	+10	+1	0
2850E	-3.5	4+	+11	+5	5W
29150E	-3.5	4+	+11	+5	5W
2950E	-3.5	4+	+19	+4	5W
30150E	-3.5	4+	+3	0	0
3050E	-3.5	4+	+5	-3	0
31150E	-3.5	4+	+5	-5	0
3150E	-3.5	4+	+6	-5	3E
32150E	-3.5	4+	+8	-5	10E
3250E	-3.5	4+	+11	-1	10E
33150E	-3.5	4+	+13	+6	20W

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Property TR Date 29/1/71
 Job No. 7111 Operator STARR
 Trans. SEATTLE Face SOUTH

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM PAIRS	FILTERED DATA	REMARKS & SLOPE
129/40100E	+1.0	2+	+2	-7	2E
41100E	+8	4+	+6	-4	5E
45100E	+8	5+	+9	-8	0
45500E	+7	7+	+12	-7	38E
46100E	+4	11+	+17	+1	38E
46500E	+4	11+	+19	-2	22E
47100E	+3	7+	+16	-13	14E
47500E	+3	7+	+21	-10	30W
48100E	+3	7+	+29	-3	30W
48500E	+3	7+	+31	+1	30W
49100E	+3	7+	+32	+4	30W
49500E	+3	7+	+30	+4	30W
50100E	+3	7+	+28	+4	30W
50500E	+3	7+	+26	+3	30W
51100E	+3	7+	+24	+2	30W
51500E	+3	7+	+23	+2	34W
52100E	+3	7+	+22	-7	34W
52500E	+3	7+	+21	+5	34W
53100E	+3	7+	+29	+17	35W
53500E	+3	7+	+16	+7	37W
54100E	+3	7+	+12	+4	18W
54500E	+3	7+	+9		18W
55100E	+3	7+	+8		18W
55500E	+3	7+	+8		10W

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Property TR Date 29/1/71
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 Trans. SEATTLE Face SOUTH

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM PAIRS	FILTERED DATA	REMARKS & SLOPE
195/12150E	-3.0	5+	+11	-1	4E
13100E	-2.5	6+	+11	0	0
13500E	-2.5	6+	+12	+2	2E
14100E	-1.0	5+	+11	+1	14W
14500E	-1.0	5+	+10	-3	20W
15100E	-1.5	5+	+10	-4	27W
15500E	0	5+	+13	12	17W
16100E	-2.0	5+	+14	0	6E
16500E	-2.0	5+	+11	-7	10E
17100E	-2.5	9+	+14	-5	0
17500E	-2.5	9+	+18	0	20W
18100E	-3.0	9+	+19	+2	25W
18500E	-3.0	9+	+18	-1	25W
19100E	-3.0	9+	+17	-2	25W
19500E	-3.0	9+	+19	0	25W
20100E	-3.0	9+	+19	-2	22W
20500E	-3.0	9+	+19	0	20W
21100E	-3.0	9+	+21	+8	15W
21500E	-3.0	9+	+19	+10	7W
22100E	-3.0	9+	+13	+6	0
22500E	-3.0	9+	+19	+2	0
23100E	-3.0	9+	+17	-2	5W
23500E	-3.0	9+	+17	-3	10W
24100E	-3.0	9+	+17	-3	12W
24500E	-3.0	9+	+19	+1	15W
25100E	-3.0	9+	+10	+4	15W
195/24150E	-2.0	5+	+10	+4	15W

LOCATION (STATION)	QUAD (EM IS)	MEAS DIP & SIGN	SUM OF PAIRS	FILTERED DATA	REMARKS & SLOPE
23450E	-3.5	5+	+12	+9	20W
23500E	-7.5	2+	+7	+6	2W
23550E	0.0	1+	+3	+5	2W
23600E	0	0	+1	+6	2W
23650E	+0.5	2-	-2	-7	2E
23700E	+0.5	2-	-4	-22	4E
23750E	-14.0	7+	+5	-18	14E
23800E	-19.5	11+	+18	-8	25W
23850E	-15.0	12+	+23	-3	30W
23900E	-11.0	12+	+26	+3	2W
23950E	-15.0	12+	+26	+6	32W
24000E	-14.0	11+	+23	+8	32W
24050E	-13.0	9+	+20	+9	32W
24100E	-7.0	6+	+15	+4	42W
24150E	-9.6	5+	+11	-1	0
24200E	-8.0	6+	+11	-1	5W
24250E	-9.0	6+	+12	+2	5E
24300E	-4.0	5+	+12	+2	0
24350E	-5.0	5+	+10	+2	0
24400E	-3.0	5+	+10	+11	0
24450E	0	3+	+8	+12	0
24500E	+4.5	2-	-1	+2	5W
24550E	+9.0	1-	-4	-3	0
24600E	+9.0	1-	-3	-5	15E
24650E	+10.0	0	-1	-7	

LOCATION (STATION)	QUAD (EM IS)	MEAS DIP & SIGN	SUM OF PAIRS	FILTERED DATA	REMARKS & SLOPE
195/0100(BL)	-1.0	4-			2W
0150E	-1.0	5-	-9	+2	2W
1100E	0.0	5-	-10	+1	2W
1150E	+1.0	6-	-11	+2	0
2100E	+3.0	6-	-12	+3	30E
2150E	+7.0	7-	-13	+1	30E
2200E	+6.0	8-	-15	-5	20E
3150E	+6.0	6-	-14	-12	20E
4100E	+5.0	4-	-10	-18	4E
4150E	-5.0	2+	-2	-16	0
5100E	-13.0	6+	+8	-7	35W
5150E	-14.0	8+	+14	+2	35W
6100E	-11.0	7+	+15	+6	12E
6150E	-14.0	5+	+12	+3	20E
7100E	-14.0	4+	+9	-2	30E
7150E	-18.0	5+	+9	-7	30E
8100E	-20.0	6+	+16	-4	35W
8150E	-20.0	16+	+12	0	40W
9100E	-17.0	10+	+20	+2	40W
9150E	-17.0	10+	+20	+5	40W
10100E	-16.0	10+	+18	+2	40W
10150E	-14	8+	+15	0	40W
11100E	-13	7+	+15	1.5	40W
11150E	-10	4+	+15	1.5	40W
12100E	-6	6+	+15	+4	2W

LOCATION (STATION)	QUAD (EM IS)	MEAS DIP & SIGN	SUM OF PAIRS	FILTERED DATA	REMARKS & SLOPE
195/25100E	-3.0	3+	+8	+3	5W
25150E	-3.0	3+	+6	+1	0
26100E	-3.0	2+	+5	+2	5E
26150E	-2.0	3+	+5	+9	0
2700E	0	0	+3	+12	4W
27100E	+2	4-	-4	+5	4W
27150E	+2	4-	-9	-1	4W
28100E	1.1	5-	-9	-2	4W
28150E	+1	4-	-8	-4	5W
29100E	+1	4-	-6	-3	10E
29150E	0	2-	-4	0	4E
30100E	+2.0	2-	-3	+2	4E
30150E	+3.0	1-	-4	+3	10E
3100E	+5.0	3-	-5	+5	15E
3150E	+6.0	2-	-7	+4	20E
32100E	+7.0	5-	-10	+2	20E
32150E	+9.0	5-	-11	0	20E
33100E	+9.0	6-	+2	-7	25E
33150E	+15.0	6-	-11	-17	20E
34100E	+11.0	5-	-5	-20	20E
34150E	+9.0	0	+6	-13	15E
35100E	+6.0	6+	+15	-13	10E
35150E	+2.0	9+	+19	-19	10E
36100E	0	10+	+22	-12	15W
36150E	-9.0	18+	+38	-4	30W
195/27100E	-12.0	2+			37W

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM OF PAIRS	FILTERED DATA	REMARKS & SLOPE
19s/15+00w	-2	2-	-4	+10	0
14+50w	-1	2+	-1	+14	0
14+00w	+2	5-	-14	+13	0
13+50w	+2	9-	-21	+6	0
13+00w	+12	12-	-27	-5	20E
12+50w	+14	15-	-27	-5	30E
12+00w	+13	12-	-22	0	25E
11+50w	+8	10-	-22	-18	20E
11+00w	+9	12-	-22	-39	10E
10+50w	+6	10-	-14	-28	0
10+00w	-8	6+	17	-10	10W
9+50w	-11	11+	24	-4	20W
9+00w	-14	12+	27	-2	25W
8+50w	-14	14+	28	-4	25W
8+00w	-16	14+	29	-6	30W
7+50w	-16	15+	32	-2	35W
7+00w	-16	11+	25	+7	20W
6+50w	-14	18+	34	+12	25W
6+00w	-10	16+	28	+13	35W
5+50w	-16	12+	-22	+13	20W
5+00w	-2	10+	15	+11	20W
4+50w	+1	5+	9	+9	20W
4+00w	+4	-4	4	+3	10W
3+50w	+4	0	0	-1	0
19s/3+00w	+2	0			0

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM OF PAIRS	FILTERED DATA	REMARKS & SLOPE
13s/5+50w	-1	1-	-6	+12	5E
5+00w	+1	8-	-10	+2	5E
4+50w	+1	10-	-17	-5	5E
4+00w	+4	6-	-16	-4	10E
3+50w	0	7-	-13	-3	5E
3+00w	-4	5-	-12	-7	10W
2+50w	-5	5-	-10	+4	5W
2+00w	-2	1-	-11	+5	0
1+50w	+5	7-	-14	+4	20E
1+00w			-16	+2	
13s/1+50w					
5s/15+00w	-1	2+	-1	+2	15W
14+50w	+1	3-	-3	+4	15W
14+00w	+1	0-	-3	+5	0
13+50w	+2	3-	-3	+5	2E
13+00w	+2	4-	-7	0	2E
12+50w	+5	4-	-8	-2	6E
12+00w	+4	3-	-7	-2	6E
11+50w	+5	3-	-6	-3	4E
11+00w	+2	2-	-5	-2	4E
10+50w	0	1-	-3	+2	0
10+00w	0	2-	-3	+2	0
9+50w	-2	3-	-5	0	2W
5s/9+00w	-1	2-	-5	+3	0

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM OF PAIRS	FILTERED DATA	REMARKS & SLOPE
29+50E	-8	1+	+2	+2	5F
29+00E	-6	0	+1	+1	5F
29+50E	-6	0	0	0	5F
29+00E	-6	0	0	+1	3E
30+50E	-6	0	0	+3	0
30+00E	-7	1-	-1	+6	3W
31+50E	-6	2-	-3	+7	0
31+00E	-6	2-	-7	+3	0
32+50E	-5	5-	-10	+1	0
32+00E	-4	5-	-10	+2	0
33+50E	-4	5-	-10	-1	0
33+00E	-3	6-	-11	-1	0
34+50E	-3	6-	-12	-4	1E
34+00E	-4	4-	-10	-1	3E
35+50E	-4	4-	-8	0	0
35+00E	-2	5-	-9	-3	0
36+50E	-3	3-	-8	-3	0
36+00E	-2	3-	-6	-4	0
37+50E	-3	2-	-5	0	2W
37+00E	-3	2-	-2	+8	1W
38+50E	0	5-	-5	+5	1W
38+00E	0	5-	-10	0	1W
39+50E	+1	5-	-10	-1	2W
39+00E	0	5-	-10	0	1E
40+50E	-1	4-	-9	-1	3E
40+00E	-2	4-	-10	-10	1E

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LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
26s/11					
10450W					
1350W					
4700W					
2470W					
200W					
450W					
620W					
650W					
26s/11	-11	15+	129	12	60W
5450W	-9	14+	127	-1	40W
5100W	-6	13+	174	0	35W
4150W	-5	14+	129	14	20W
3700W	-2	14+	128	+8	15W
3450W	-3	14+	125	+6	10W
2700W	-2	14	+20	+2	10W
2450W	11	9+	+19	+5	5W
2150W	+7	10+	+18	+8	5W
1450W	+1	8+	+14	+7	0
1100W	9	6+	+10	+7	0
26s/0150W	0	14	-7	+7	0

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LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
19s/2450W	0	11+	-1	+1	
2100W	0	0	-1	+1	
1450W	-4	0	0	+2	
1400W	-3	0	0	+6	
19s/0450W	-3	-2	+2	+7	
			+6	+4	
12s/1500W	+4	8-	-18	+13	5F
10450W	+4	10-	-2	+10	5F
10400W	+3	11-	-31	0	5F
1450W	+3	17-	-34	-7	0
1200W	+3	17-	-31	-7	10W
1200W	+5	14-	-27	-10	15W
1200W	+5	13-	-27	-18	20E
1150W	+4	11-	-17	-17	5F
1100W	-4	6-	-10	-7	10W
1050W	-9	0	0	-5	10W
1000W	-9	0	11	-8	15W
950W	-6	1+	15	-2	10W
900W	-6	4+	+9	+5	10W
850W	-11	6+	+7	+3	15W
800W	-3	2+	+2	-4	15W
750W	-6	0	+4	+2	5F
700W	-8	4+	+6	+12	5W
650W	-10	2+	+2	+16	15W
12s/6100W	-9	0			

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LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM of PAIRS	FILTERED DATA	REMARKS & SLOPE
29-50E	-8	1+	+2	+2	5F
2900E	-6	0	+1	+1	5F
2940E	-6	0	0	0	5F
29100E	-6	0	0	+1	3F
30450E	-6	0	0	+3	0
3100E	-7	1-	-1	+6	3W
3150E	-6	2-	-3	+7	0
3200E	-5	5-	-7	+3	0
32450E	-4	5-	-10	+1	0
32400E	-4	5-	-10	+2	0
32400E	-4	5-	-11	-1	0
32400E	-3	6-	-12	-4	0
32400E	-3	6-	-10	-1	1E
32400E	-4	4-	-8	0	3E
32500E	-4	4-	-9	-3	0
32500E	-2	5-	-8	-3	0
32400E	-3	3-	-6	-4	0
32400E	-2	3-	-5	0	0
32400E	-3	2-	-2	+8	2W
32400E	-1	0	-5	+5	1W
32400E	0	5-	-10	0	1W
32400E	+1	5-	-10	-1	2W
32400E	0	5-	-10	0	1E
40100E	-1	4-	-9	-1	3E
40100E	-2	6-	-10	-10	1E

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM OF PAIRS	FILTERED DATA	REMARKS & SLOPE
12150E	-10	16+	128	-7	20W
13100E	-9	17+	33	-3	25W
13150E	-9	16+	+35	-1	20W
14100E	-7	12+	136	-2	15W
14150E	-10	18+	156	-5	20W
15100E	-14	20+	+38	-3	20W
15150E	-15	21+	+41	+1	20W
16100E	-14	20+	+41	-4	25W
16150E	-15	22+	+40	-9	25W
17100E	-14	25+	+45	-1	25W
17150E	-15	24+	+49	+11	20W
18100E	-18	22+	+46	+16	20W
18150E	-16	16+	+38	+12	20W
19100E	-13	14+	+30	+3	20W
19150E	14	12+	+26	-5	20W
20100E	-12	15+	127	-3	20W
20150E	-14	16+	+31	+4	20W
21100E	-12	14+	+30	+3	20W
21150E	-13	13+	+27	+1	20W
22100E	-14	14+	+27	+1	25W
22150E	-11	12+	+26	+4	25W
23100E	-8	11+	+23	+2	20W
23150E	-10	11+	+22	+3	20W
24100E	-8	10+	+21	+5	15W
24150E	-3	9+	+19	+6	10W

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LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM OF PAIRS	FILTERED DATA	REMARKS & SLOPE
33s/37150	18	10-	-20	-4	20E
38100	+12	8-	-18	-4	20E
38150	+7	9-	-16	-5	25E
38200	+7	6-	-14	-7	20E
39150	+4	5-	-11		5E
33s/40100	-2	3+	-7		5E
33s/40150W	-10	19+	+29	+14	20W
4100W	-13	25+	+39	+6	20W
4150W	-13	19+	+39	0	25W
2100W	-14	26+	+41	+2	40W
2150W	-15	21+	+37	0	45W
3100W	20	19+	+37	-4	45W
3150W	-20	19+	+37	0	45W
4100W	-22	20+	+38	+1	0
4150W	-20	18+	+41	+3	45E
33s/5000W	-21	23+			5E
42s/5100W	+2	22-	-42	-6	0
4150W	+3	20-	-36	-9	10W
4400W	11	16-	-31	-11	50E
3150W	0	15-	-27	-14	15E
3100W	-5	12-	-20	-19	25E
2150W	-7	7-	-13	-28	20E
2100W	-3	5-	-1	-31	20E
1150W	-4	4+	+15	-30	10W
10s/1100W	-9	11+			

LOCATION (STATION)	QUAD (EM 16)	MEAS DIP & SIGN	SUM OF PAIRS	FILTERED DATA	REMARKS & SLOPE
40s/12150E	44	8+	+17	+6	15E
12150E	44	6+	+14	+4	10
13100E	15	5+	+11	-2	15W
13150E	-5	5+	+10	-9	35W
14100E		8+	+13	-10	20W
14150E	-7	11+	+19	-9	20W
15100E	-4	12+	+23	-12	25W
15150E	-5	16+	+28	+2	25W
16100E	-3	19+	+35	-12	30W
16150E	-1	21+	+40	-11	20W
17100E	-2	26+	+47	-1	20W
17150E	-2	25+	+31	+7	25W
17100E	-3	23+	+48	+9	30W
17150E	-2	21+	+44	+7	30W
18100E	-8	18+	+39	-1	35W
18150E	-11	19+	+37		40W
40s/20100E	-13	21+	+40		40W
26s/15100W					
15150W					
14100W					
13150W					
13100W					
12150W					
12100W					
11150W					
11100W					
10s/1100W					

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LOCATION (STATION)	QUAD (EM IG)	MEAS DIP & SIGN	SUM PAIRS	FILTERED DATA	REMARKS & SLOPE
33s/2400E	-9D	10+	+33	+12	10W
○ 0150E	-10D	11+	+25	+5	10W
400E	-10D	10+	+21	-1	14W
1150E	-10D	10+	+20	+1	14W
○ 2100E	-10D	10+	+20	+2	14W
○ 2150E	-8D	9+	+19	+1	11W
3100E	-8D	9+	+18	0	20W
3150E	-2	9+	+17	-2	20W
3150E	-12	8+	+15	-1	20W
4100E	-9	10+	+19	+1	20W
4150E	-11	9+	+19	+6	15W
4150E	-15	10+	+18	+11	13W
5150E	-7	8+	+13	+7	10W
4100E	-2	6+	+7	+4	5W
4150E	+3	2+	+6	+8	0
○ 2110E	+5	3+	+3	+4	5E
○ 2100E	+6	0	-1	-3	15E
2400E	+9	1-	-1	-6	10E
5100E	+9	0	+2	-1	2E
○ 4100E	+5	2+	+5	-1	5E
4100E	+6	3+	+3	-12	5E
1100E	-3	0+	+6	-14	5W
1150E	-6	1+	+15	-8	15W
○ 1100E	-10	3+	+20	-8	15W
1150E	-8	1+	+23	-10	15W
33s/1210E	-8	12+			15W

EM FIELD NOTES Page 21

 Property TR Date 1/7/71
 Job No. 7111 Operator STARK
 Trans. SEATTLE Face SOUTH

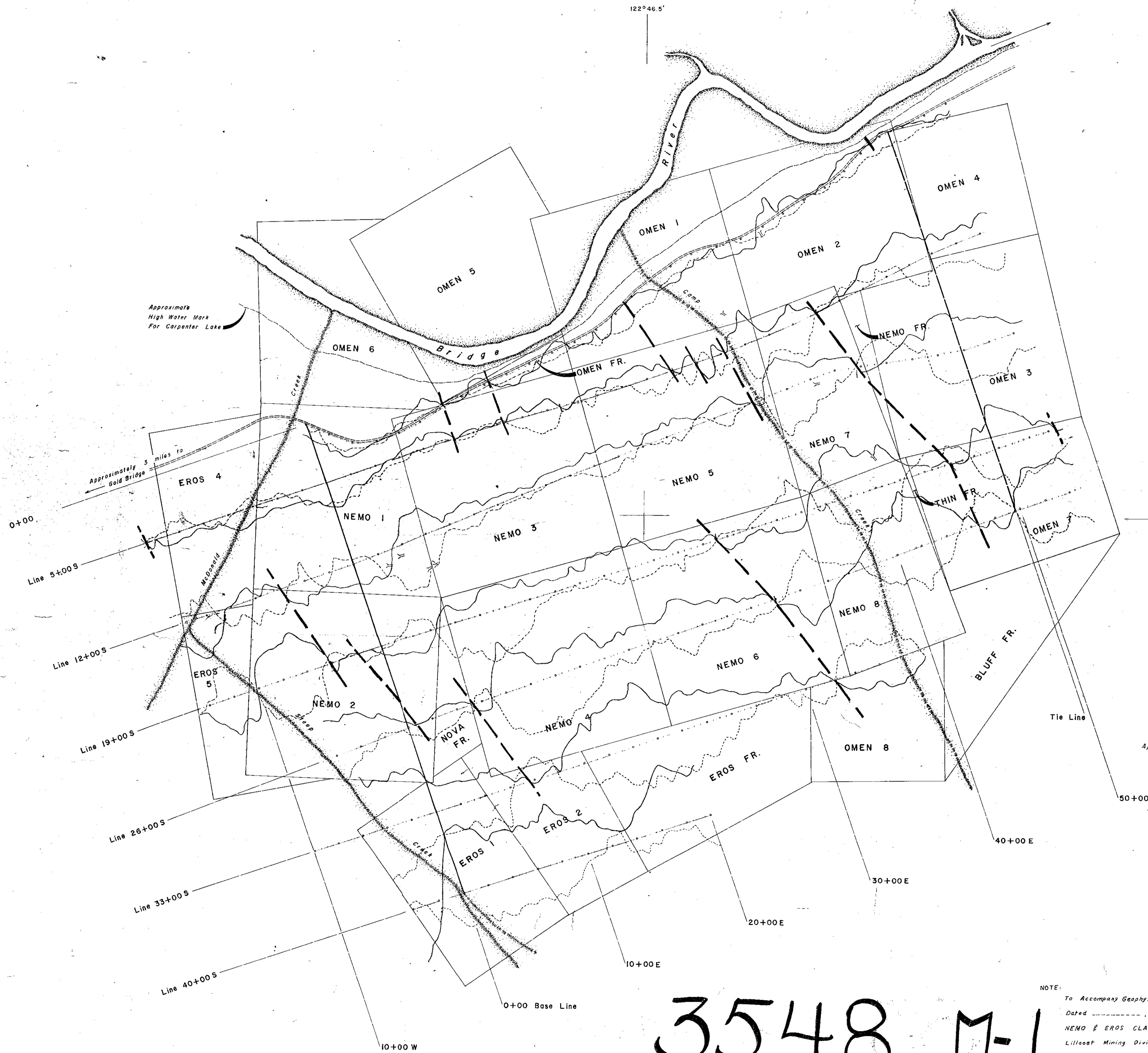
LOCATION (STATION)	QUAD (EM IG)	MEAS DIP & SIGN	SUM PAIRS	FILTERED DATA	REMARKS & SLOPE
33s/2510E	-4	7+	+16	+4	7W
○ 25450	-3	6+	+13	+2	5W
26450	0	6+	+12	+3	5W
26100	0	5+	+11	+2	0
27200	0	4+	+9	-1	0
○ 27150	+7	5+	+9	-4	0
28100	+7	5+	+10	-7	5E
28100	+7	5+	+10	+1	0
27150	0	8+	+17	+11	5E
29100	-6	9+	+12	+6	5W
29150	-1	6+	+6	-2	0
30100	-4	2+	+6	-3	5W
30150	-6	4+	+8	-1	15W
31100	-8	4+	+9	+10	25W
31150	-6	5+	+7	+15	30W
○ 22100	-6	2+	-1	+10	30W
○ 22150	+2	2-	-8	+4	30W
33100	5	3-	-11	+5	0
33150	19	6-	-12	+5	30E
○ 34100	+12	1-	-14	+2	40E
34150	+12	7-	-15	-2	50E
25100	+10	9-	-14	+4	50E
35150	+12	1-	-14	+6	35E
○ 36100	+16	8-	-18	+2	30E
36150	15	10-	-20	-2	25E
33s/37100	18D	10-			25E

EM FIELD NOTES Page 23

 Property TR Date 2/7/71
 Job No. 7111 Operator STARK
 Trans. SEATTLE Face SOUTH

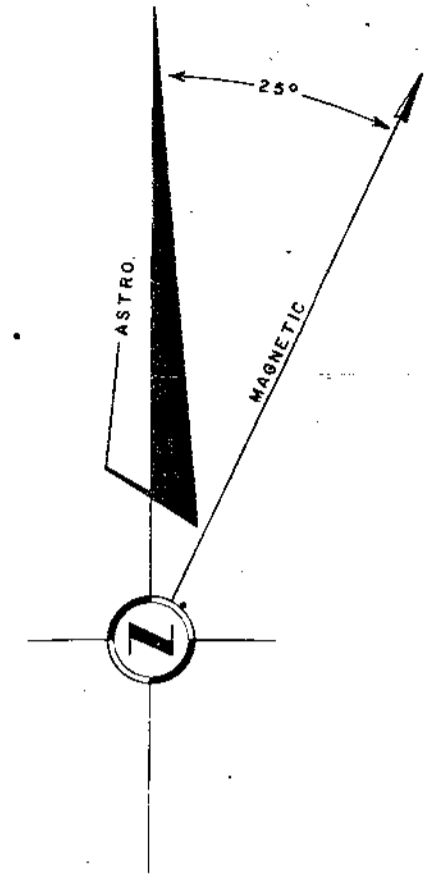
LOCATION (STATION)	QUAD (EM IG)	MEAS DIP & SIGN	SUM PAIRS	FILTERED DATA	REMARKS & SLOPE
40s/0150W	-13	19+	+30	-23	15 W
○ 0100BL	-14	26+	+45	-10	5 W
0150E	-12	27+	+53	0	30 W
1400E	-11	28+	+55	+5	20 W
○ 1450E	-12	29+	+53	+6	40 W
○ 2100E	-16	25+	+50	+10	10W
2150E	-12	22+	+47	+9	40W
3100E	-14	18+	+40	0	40W
3150E	-15	20+	+38	-2	40W
4100E	-13	20+	+40	+2	30W
4150E	-12	20+	+40	-2	25W
5100E	-15	15+	+38	0	25W
5150E	-17	21+	+39	0	25W
6100E	-12	15+	+38	-1	25W
6150E	-12	15+	+38	-3	35W
○ 6150E	-14	20+	+39	-8	35W
7100E	-12	19+	+41	-4	35W
7150E	-14	22+	+47	+8	35W
7100E	-11	25+	+45	+11	35W
○ 8100E	-10	20+	+39	+9	25W
9100E	-9	19+	+34	+7	35W
9150E	-5	15+	+30	+5	38W
10100E	-3	15+	+27	+5	35W
○ 11150E	-2	12+	+25	+8	30W
11100E	-2	13+	+22	+7	15W
40s/11150E	0	9+			25E

122°46.5'



Approximate High Water Mark For Carpenter Lake

Approximately 3 miles to Gold Bridge

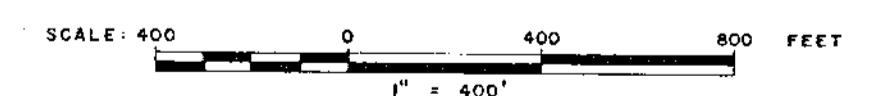
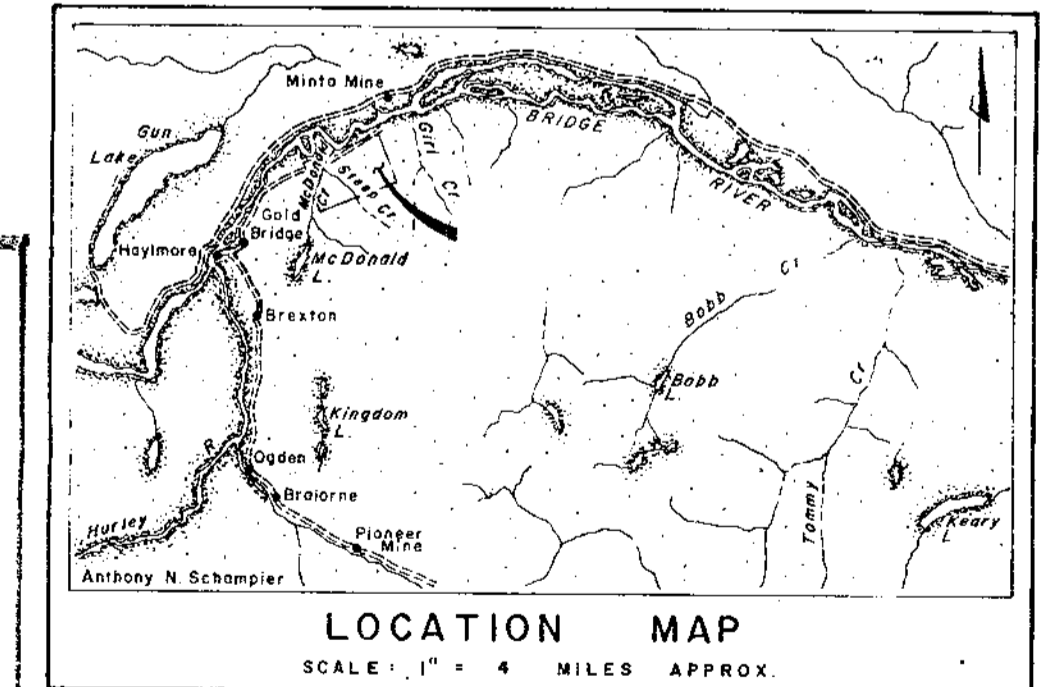


L E G E N D

50°52.5'

Approximate Direction to V.L.F. Station, Jim Creek, Washington, U.S.A.

N.T.S. 92 J/15



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3548 M.P. #1

3548 M-1

NOTE:
To Accompany Geophysical Report
Dated _____, on OMEN,
NEMO & EROS CLAIMS,
Lillooet Mining Division,
British Columbia, Canada
By G.B. Allen, P.Eng. *Guy Blunden*



RELIANCE PROPERTY OMEN, NEMO & EROS CLAIMS LILLOOET MINING DIVISION - BRITISH COLUMBIA, CANADA.	
EM 16 PROFILES IN PHASE — CONDUCTIVE ZONES --- QUADRATURE VERTICAL SCALE 1" = 20'	
INTERPRETED BY <i>GBA</i>	CHECKED BY <i>Anthony N. Schampier</i>
DATE July 1971	PROJECT No. 711
REVISED	FILE, G18