

TABLE C

Field Strength Measurements

KEPL 55° True

(1 kW, nondirectional antenna)

Point	Date	Time	Distance (kilometers)	Field Strength (mV/m)
Rock formation and hill				
1	11/1/06	3:30 PM MST	0.47	272
2	11/2/06	12:57 PM MST	0.63	174
3	11/1/06	3:40 PM MST	0.86	142
4	11/2/06	3:57 PM MST	0.98	135
5	11/1/06	3:55 PM MST	1.12	113
6	11/2/06	4:13 PM MST	1.29	117
7	10/31/06	5:01 PM MST	1.43	90
8	10/31/06	4:43 PM MST	1.68	67.0
9	11/1/06	3:17 PM MST	1.92	71
10	11/2/06	4:23 PM MST	2.07	62.5
11	11/1/06	3:11 PM MST	2.17	62.5
12	11/2/06	4:35 PM MST	2.62	51.0
13	11/1/06	2:25 PM MST	2.88	41.0
14	11/1/06	2:36 PM MST	3.69	28.2
Hill				
15	11/1/06	1:58 PM MST	5.70	8.9
Mount Olympus				
16	11/2/06	2:42 PM MST	10.5	0.80
Big Thompson Canyon				
17	11/2/06	2:20 PM MST	13.5	0.86
Mountainous terrain				
18	10/31/06	12:17 PM MST	18.9	0.27
19	10/31/06	11:40 AM MST	21.0	0.57
20	10/31/06	11:23 AM MST	21.9	0.56
Mountainous terrain				

Measured unattenuated field strength at  
one kilometer: 285 mV/m

Measured effective ground conductivity values:  
1 mS/m to 1.43 km  
3 mS/m to 3.69 km  
2 mS/m to 21.9 km

