

Figure 8F

TABLE OF AZIMUTHS, INVERSE FIELDS AND SOIL CONDUCTIVITIES

WPAM - Pottsville, PA

1450 kHz; 1 kW, ND-U

Inverse Field: 297.33 mv/m/km @ 1 KW.

(148.87 mv/m/km @ assumed power of 250 w.)

<u>Azimuth</u>	<u>Soil Conductivity (mS/m)</u>
320.0°T	M-3: 2 - 95.0 km, 4 - Remainder
330.0°T	M-3: 2 - 82.4 km, 4 - Remainder
340.0°T	M-3: 2 - 67.8 km, 4 - Remainder
350.0°T	M-3: 2 - 53.9 km, 4 - Remainder
0.0°T	M-3: 2 - 46.0 km, 4 - Remainder
10.0°T	M-3: 2 - 42.8 km, 4 - Remainder
20.0°T	M-3: 2 - 42.6 km, 4 - Remainder
30.0°T	M-3: 2 - 45.5 km, 4 - Remainder
40.0°T	M-3: 2 - 54.6 km, 4 - Remainder
50.0°T	M-3: 2 - 85.0 km, 4 - Remainder
60.0°T	M-3: 2 - 167.0 km, 4 - Remainder
70.0°T	M-3: 2 - 79.7 km, 4 - 100.1 km, 2 - 171.9 km, 4 - Remainder
80.0°T	M-3: 2 - 53.4 km, 4 - 112.7 km, 2 - 157.7 km, 4 - 209.9 km, 1 - Rem.
90.0°T	M-3: 2 - 38.6 km, 4 - 179.6 km, 0.5 - Remainder
100.0°T	M-3: 2 - 27.0 km, 4 - 178.6 km, 5000 - 184.8 km, 4 - 185.2 km, 5000 - Remainder
110.0°T	M-3: 2 - 21.9 km, 4 - 188.9 km, 5000 - Remainder
120.0°T	M-3: 2 - 19.5 km, 4 - 194.4 km, 5000 - Remainder
130.0°T	M-3: 2 - 17.7 km, 4 - 203.1 km, 5000 - Remainder
140.0°T	M-3: 2 - 16.1 km, 4 - 201.0 km, 5000 - Remainder
150.0°T	M-3: 2 - 15.9 km, 4 - 191.2 km, 5000 - 209.9 km, 4 - Remainder