

Figure 8D

TABLE OF AZIMUTHS, INVERSE FIELDS AND SOIL CONDUCTIVITIES

WCTC - New Brunswick, NJ

1450 kHz; 1 kW, ND-U

Inverse Field: 304.17 mv/m/km @ 1 kW.

(152.09 mv/m/km @ assumed 250 w.)

<u>Azimuth</u>	<u>Soil Conductivity (mS/m)</u>
240.0°T	M-3: 4 - 204.2 km, 2 - Remainder
250.0°T	M-3: 4 - Total distance
260.0°T	M-3: 4 - 211.6 km, 2 - Remainder
270.0°T	M-3: 4 - 175.1 km, 2 - Remainder
280.0°T	M-3: 4 - 115.1 km, 2 - Remainder
290.0°T	M-3: 4 - 96.6 km, 2 - Remainder
300.0°T	M-3: 4 - 88.5 km, 2 - 129.2 km, 4 - Remainder
310.0°T	M-3: 4 - 84.0 km, 2 - 115.1 km, 4 - Remainder
320.0°T	M-3: 4 - 70.2 km, 2 - 107.2 km, 4 - Remainder
330.0°T	M-3: 4 - 38.3 km, 2 - 104.0 km, 4 - Remainder
340.0°T	M-3: 4 - 32.0 km, 2 - 104.0 km, 4 - Remainder
350.0°T	M-3: 4 - 29.6 km, 2 - 106.5 km, 4 - Remainder
0.0°T	M-3: 4 - 30.6 km, 2 - 105.1 km, 4 - Remainder
10.0°T	M-3: 4 - 34.0 km, 2 - 88.8 km, 4 - Remainder
20.0°T	M-3: 4 - Total distance
30.0°T	M-3: 4 - 108.6 km, 1 - 151.3 km, 4 - 189.1 km, 1 - Remainder
40.0°T	M-3: 4 - 89.3 km, 1 - 180.1 km, 2 - Remainder
50.0°T	M-3: 4 - 83.7 km, 1 - 154.2 km, 2 - Remainder
60.0°T	M-3: 4 - 92.5 km, 5000 - 167.4 km, 2 - Remainder
70.0°T	M-3: 4 - 31.9 km, 5000 - 33.8 km, 0.5 - 152.4 km, 5000 - 162.1 km, 0.5 - 176.9 km, 5000 - 179.6 km, 0.5 - 187.6 km, 5000 - Rem.
80.0°T	M-3: 4 - 23.2 km, 5000 - 50.1 km, 0.5 - 61.8 km, 5000 - Rem.