resistivities of 700 to 860 ohm-metres as against backgrounds of 6000 ohm-metres to the east and 2000 ohm-metres to the west were recorded. The response on this line, while being less than that seen on line 5600S, confirms its interest across this line also.

To the south, an intermediate line was placed at 6000S where a dipole-dipole n = 1 to 4, a = 100 feet set-up between 700E and 1500E clearly demonstrated that the chargeability terminates between lines 5800S and 6400S, although the resistivity low with which it is associated was recorded at about 1050E. This then would indicate that the sinistral displacement between lines 5600S and 6400S on the gradient array can be further refined by this data to be between 5600S and 6000S.

ZONE 'B'

A dipole-dipole set-up on line 6400S was run at an 'a' spacing of 100 feet from n = 1 to n = 4 between 1200E and 1800E to investigate Zone 'B'. This showed a 'double peak' response which indicates a source at about 1600E ±50 feet with a depth to source of less than 100 feet. The amplitude of the response is 20 millivolts/volt as against a background of 10 millivolts/volt on the second separation as against 26 millivolts/volt on the gradient array. The dipole-dipole data also shows a resistivity low of just under 2000 ohm-metres at 1650E(±) east of the inferred source to the chargeability response.

An intermediate dipole-dipole survey was run at 400 feet south of