

**SCINTREX**

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polarization, whereas a one slice programme was used for the applied potential.

**METHOD - MOINA**

For the down-hole induced polarization a 2½ metre three array was employed, with an 'infinite' current electrode at 1 kilometre to the west of the hole. A moving current electrode was positioned at the bottom of the hole, with a 2½ metre potential dipole 2½ metres away. Measurements were made, starting from the bottom of drill-hole SMD-9 and going upwards.

On the first day of the survey, infinite electrodes were laid 1 kilometre to the east and west of the drill-hole at 150E/100S.

The applied potential survey was conducted on the second, third and fifth days of the survey. Two infinite electrodes were employed, positioned 1 kilometre to the east and west of the drill-hole along line 100S and a stationary potential was positioned at approximately 125E/50S. A current electrode of opposite sign to the two infinities was placed in a high chargeability/low resistivity zone located at approximately 97 metres down the hole.

Nine lines of between 200 and 400 metres in length were read at 25 metre intervals, using a mobile potential electrode.

**METHOD - BUCKBY**

Two infinite electrodes were employed for the applied potential survey, positioned 100 metres to the north and south of the drill-hole at 75S/1600W. A current electrode of opposite sign was employed, positioned at approximately 80 metres