

**SCINTREX**

The party leader was Mr. B. Ekstron who was variously assisted by Mr. O. Saeck, Mr. P. List, Mr. T. Von Strokirch, B.Sc., Mr. K. Aprhorpe B.Sc., Mr. K. Hannan, B.Sc. and Mr. D. Webb, B.Sc.

On site geological direction was undertaken by Senior Geologist, Mr. R. Williams.

*EQUIPMENT*

The equipment consisted of a Scintrex 10/15 kilowatt time domain induced polarization transmitter powered by a trailer mounted Volkswagen industrial generator. The resultant primary (resistivity) and secondary (induced polarization) electrical fields were observed using a Scintrex IPR-8 analog time domain induced polarization receiver, and later in the programme a more sensitive but compatible digital IPR-10.

The energisation was a two second on, two second off, reverse and repeat, while the data was acquired with a two second, three slice programme on the receiver.

*METHOD*

The method chosen as the most cost effective was gradient array which has excellent depth penetration due to the *large* current dipoles employed, and excellent resolution due to the *small* potential dipole employed. In the present case they were 6500 metres and 20 metres respectively.