In more inaccessible areas a Scintrex 1PR-8 was used
with much lighter transmitters. Both Elliot 1.5kW and Phoenix
1PT-1 units were used. The transmitter timing was also two
seconds on, two second off. The mean value of the secondary
voltage was recorded for three time slices of the transient
decay curve, these had mean delay times of 390 msec, 910 msec
(the value plotted) and 1430 msec. Precautions were taken to
ensure that the transmitted signal from one unit did not
interfere with signal detected by the other receiver.

Using data from traverse lines surveyed with both receivers
an empirical relationship was determined whereby the plotted
value in mV/V as measured by the 1PR-8 was found to be approximately
three times the plotted value in milliseconds measured by the
1PR-11.

Data from the 1PR-8 was manually recorded and then entered
into an HP-85 desk top computer, which calculated apparent
resistivity and stored the information on magnetic tape. Original
pseudosections of apparent chargeability and resistivity were
plotted by an A3 plotter driven by the HP-85. Data from the
1PR-11 receivers was dumped at intervals directly into the HP-85
from the receiver's data memory. This data was stored on
on magnetic tape for editing or output in a variety of forms as
required.

All equipment functioned satisfactorily in the prevailing
conditions. Minimal weathering and low current electode contact
resistance ensured that the signal to noise ratio was high. The
1PR-11/Huntec combination proved particularly efficient in
collecting large amounts of high quality data in a short time.
The 1PR-11's did however suffer moisture related problems during
the high rainfall period at the end of the season. This not only
affected the receiver electronics, but connections along the
potential electrode array (the 1PR-11 gathers information
simultaneously from six receiving dipoles at each station) suffered
from the ingress of water leading to spurious secondary voltages. Once
this problem was recognised it could be adaquately monitored.