

APPENDIX E (Continued)GEOPHYSICS (Continued)(ii) Dipole-dipole I.P.TABLE 28Selina Grid Dipole-Dipole I.P. Coverage

<u>Line</u>	<u>Subsurface Coverage</u>		<u>Distance</u>	<u>"a" Spacing</u>	<u>"n" Values</u>
	<u>West end</u>	<u>East end</u>			
184N	120 mE	720 mE	600 m	40 m	1-6
144N*	60 mE	540 mE	480 m	40 m	1-6
120N*	3600'W	1600'W	<u>610 m</u>	200'	1-6
			TOTAL	<u>1690 m</u>	

* Two superimposed setups.

TABLE 29Rolleston Grid Dipole-Dipole I.P. Coverage

<u>Line</u>	<u>Subsurface coverage</u>		<u>Distance</u>	<u>"a" Spacing</u>	<u>"n" Values</u>
	<u>West end</u>	<u>East end</u>			
56N	1150'W	1350'E	760 m	100'	1-4
	* 1000'W	1200'E	670 m	200'	1-4+
48N	1250'W	1350'E	790 m	100'	1-4
	* 1150'W	1200'E	715 m	200'	1-4
40N	1650'W	1250'E	885 m	100'	1-4
	* 1900'W	1100'E	<u>915 m</u>	200'	1-4
			TOTAL	<u>4735 m</u>	

+ In part 1-6.

* Two superimposed setups.

(iii) I.P. Equipment - Gradient Array

Transmitter: Scintrex 2.5/3 kW time domain I.P. transmitter.

Receivers: Scintrex IPR-8 I.P. receivers.

Cycle: Alternating square wave. 8 seconds per cycle.

(2 sec. on - 2 off - 2 on, reverse polarity - 2 off)

Receiver dipole: 20 m east of baseline.

100 ft. west of baseline except for line 128N
- 50 ft.

Station interval: As for receiver dipole.

Plotting point: Midpoint of receiver dipole.

Survey dates: 8-3-81 to 4-4-81.

Decay Curve: Measured in three slices.

M31: 130-650 ms after shut-off.