

312



251312

TABLE 1
 Murchison River Maxmin Survey
 Coverage (frequency)

LINE	COIL SPACING		
	100M	50M	25M
5375175mN	384870mE-385070mE (1777Hz)		
5375150mN	384870mE-385290mE (1777Hz)	384835mE-385255mE (1777Hz)	384814.5mE-385332.5mE (1777Hz)
	" (888Hz)	" (888Hz)	" (888Hz)
	" (444Hz)	" (444Hz)	" (444Hz)
	" (222Hz)	" (222Hz)	" (222Hz)
5375100mN	384370mE-385210mE (1777Hz)		
		384825mE-385205mE (1777Hz)	
		" (888Hz)	
		" (444Hz)	
		" (222Hz)	
5375000mN	384930mE-385210mE (1777Hz)		
5374900mN	384870mE-385130mE (1777Hz)		

Notes:

The topography in the surveyed area was fairly flat, no corrections were made for topographic variations. The coil separations were determined from taped distances on the reference cable.

The Maxmin system, which was borrowed from Shell Minerals, was not working correctly at the 100m coil spacing for frequencies below 1777Hz. At the 50m spacing, frequencies below 888Hz were not functioning. At the 25m spacing, all frequencies were working. (And at 150m spacing, no frequencies were working correctly). This malfunction was manifested by large background offsets. (The background values should decrease with decrease in frequency). If there are unsuspected errors in the 1777Hz/100m data used for the interpretation, these would not alter the position or dip of the conductor. If the depth were to change, it would probably be shallower.