

189 ST04 "Exhibit"



**Geophysical
Survey
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ANTENNA MODEL	3207/777	5106	
Approximate center frequency	100	200	MHz
Approximate pulse duration	10	5	Nanoseconds
Radiated Peak Power	117	3.0	Watts
Radiated Average Power*	59	.75	Milliwatts
Approx. Radiated Average Power per MHz*	.58	3.75	Microwatt/MHz

* @ 50 kHz transmit pulse repetition rate

2/1/99