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Table 1.

Petrophysical Measurements

(samples taken from drill holes from the Grand Prize area)

SAMPLE No.	LOCATION	DESCRIPTION	DENSITY* (gm/cc)	MAGNETIC SUSCEPT. (10^{-6} cgs)	RESISTIVITY (0.1Hz, Ohm-m)	PERCENT FREQ. EFFECT (0.1/1.0 Hz) (x ^5 to convert to chargeability)
10/1	S969 (299m)	Hodge Slate, unaltered within 10m of Fault.	2.48	100.	275.	17%
10/2	S969 (311.4m)	Hodge Slate (further from Fault).	2.72	100.	2402.	-
10/3	S969 (377.7m)	Red Lead Conglomerate unmineralised.	3.01	200.	4511.	-
10/4	S969 (414.2m)	Red Lead Conglomerate mineralised.	3.06	400.	2424.	50%
10/5	S969 (460.1m)	Spilite ?	2.95	200.	875.	0%
10/6	S969 (464m)	pyroxenite	2.72	200.	4894.	0%
10/7	S947A (460.5m)	Mineralised sample from Fault (most of fault clayey -not sampled).	5.46	300.	68.	66%
10/8	S947A (489m)	Hodge Slate, near Fault unmineralised.	2.09	200.	213.	small?
9	S947A (488.3m)	Red Lead Conglomerate unmineralised.	2.96	200.	729.	0%
10/10	S947A (649.5m)	ultramafic.	2.59	300.	314.	17%
10/11	S764 (460.9m)	Hodge Slate, unaltered.	2.85	200.	200,000+	?
10/12	S764 (462.5m)	Red Lead Conglomerate mineralised.	2.97	600.	339.(1 Hz)	33% (1/10 Hz)

* dry bulk density measured (densities of insitu rocks would be a little higher).