

REDWATER R.C. DRILL LOG

COLLAR CO-ORDS: GRID: 5525 N 9850 E
 AMG: 425500 mN 409750 mE LOCATION: Pilbeam Road HOLE NO: RW 3
 ELEVATION: 390 mAHD START DATE: 11 March 1997 FINAL DEPTH: 77m
 AZIMUTH: 180° AMG FINISH DATE: 13 March 1997 LOGGED BY: J.G. Purvis
 DECLINATION: -60° DRILLED BY: Diamond Drilling Tasmania PAGE: 1 OF 2

DEPTH(m)		DESCRIPTION	MINERALISATION	ASSAY RESULTS (ppm)									
From	To			Interval	Au	Cu	Zn	Pb	Ag	Sn	W		
0	3	ALLUVIUM											
3	13	GRANITIC SAND or GRANITE Oxidised sand-sized grains of quartz, feldspar and mica Some small fragments of soft clayey granite		7-8 8-12	<0.01 0.01	3 3	46 77	17 31	<1 <1	6 4	10 <10		
13	21.5	BROWN CLAY Uncommon small fragments (possibly contamination from alluvium?), of quartz, quartz-biotite hornfels, quartzite, micaceous siltstone and (below 16m) soft oxidised granite 19-21.5m: Grey & brown, laminated, non-calcareous sticky clay with slight tarry smell		12-16 16-20	0.02 0.01	15 18	460 538	237 274	<1 <1	14 25	15 15		
21.5	45	LIMESTONE WITH CLAY BANDS Mainly hard dark grey-black (lesser white) limestone. Zones of brown & grey clay up to 2m (some filling cavities), with associated thin bands of micaceous siltstone Patchy weak-moderate brown dolomite (+garnet?) and green chlorite (+dlopside?) alteration Details 23-25m: Weak brown and green alteration. 25-27m: Cavity, with brown & grey al. calcareous clay and clayey frags of pink-feldspar granite (dyke?). 30-31m: 40% brown & grey clay 33-35m: 30% grey calcareous clay & soft siltstone, in calcite-chlorite veined limestone 35-36.5m: Dark greenish-grey calcareous clay 38-39.3m: Dark grey calcareous sticky clay	Generally minor po & py Zones of 1% or more: 22-23m: 2% po & py, dissem 24-25m: 1% po & py 27-30m: 1-2% po & py 32-33m: 2% po, dissem 34-35m: 1% po & py in unaltered limestone 39-43m: 1% po (locally 3%)	20-24 24-28 28-32 32-36 36-40 40-44	0.02 0.10 0.03 0.03 0.01 0.01	11 10 8 12 7 3	368 762 335 485 129 42	128 214 99 139 49 16	<1 <1 <1 <1 <1 <1	10 10 <3 <3 9 4	10 <10 10 <10 <10 10		
45	47.7	GREEN CLAYEY SKARN Khaki-green chloritic clay, calcareous below 47m	No sulphides	44-48	0.16	10	394	170	<1	<3	<10		
47.7	52.5	LIMESTONE Hard dark grey-black limestone, becoming white at base	Minor po & py, except:	48-52	0.04	5	334	143	<1	<3	<10		

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DEPTH(m)		DESCRIPTION	MINERALISATION	ASSAY RESULTS (ppm)								
From	To			Interval	Au	Cu	Zn	Pb	Ag	Sn	W	
		Minor brown (biotite?), and green chlorite alteration At base 200mm vugh with strong water inflows	48-49m: 2-3% po & py 50-51m: 1% po & py 51-52.5m: Some fragments to 3mm of massive py.									
52.5	57.8	GREEN CLAYEY SKARN Compact sticky green clay Strongly chloritic, weakly calcareous Minor hard fragments of dark green chlorite or diopside skarn (also forms 100-200mm selvage at base)	No sulphides	52-56	0.03	16	1450	357	<1	5	<10	
57.8	64.7	LIMESTONE Hard, dark grey (some white and palest brown) limestone 58.7-59.1m: Green clayey skarn band 61-64m: Very weak brown alteration (biotite?), with 30% of rock affected @ 63-64m	1-2% dissesem po & py, locally 5% @ 61-62m One 4mm massive py frag @ 59-60m Rare cassiterite or sp & gn @ 61-62m	56-60 60-64	0.02 0.01	12 6	1052 247	165 86	<1 <1	5 51	15 <10	
64.7	77	CAVERNOUS GREEN CLAYEY SKARN WITH PYRITE VEINS/BANDS 65-71m: 65% cavities, 35% clay. Minor cavities 71-74m Soft clayey strongly altered chloritic & diopside(?) rock Some hard skarn fragments Minor apricot-brown alteration, 20% @ 73-75m Below 71m, bands of grey-black partly-clayey limestone within the skarn End of Hole	Above 75m skarn itself is non-sulphidic. Below 75m skarn contains minor dissesem py. Below 67m frags of massive sooty py, av. 1-5mm, to 20mm @ 71-73m, after discrete veins/bands of py. These frags gen minor, but common 70-71m, 72-73m (20% of frags) & 75-76m. Unalt limestone bands contain up to 2% po & py	64-68 68-72 72-76 76-77	0.04 0.04 <0.01 0.01	13 18 14 7	3182 2580 321 398	306 263 70 56	<1 <1 <1 <1	<3 10 <3 <3	30 15 20 <10	