

REDWATER R.C. DRILL LOG

COLLAR CO-ORDS: GRID: 6200 N 650 E
 AMG: 426215 mN 410540 mE LOCATION: Forest Traverse HOLE NO: RW 1
 ELEVATION: 425 mAHD START DATE: 4 March 1997 FINAL DEPTH: 120m
 AZIMUTH: 180° AMG FINISH DATE: 7 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	52.5	TERTIARY BASALT 0-31m Strongly oxidised and clayey 23-34m Highly and finely amygdaloidal Amygdales of turquoise - green calcite, av. <2mm 34-49m Hard, massive, grey-black olivine basalt. Weakly magnetic 49-52.5m Hyaloclastite/peperite breccia, with bleached and chloritic quenched basalt fragments in dark green volcanic glass, black pyritic mud and clayey sand. Basalt is partly amygdaloidal	36-37m: Trace pyrite on fractures									
52.5	70	TERTIARY SEDIMENTS - SANDY CONGLOMERATE Brown to yellow, very clayey, granite-derived Abundant grey quartz grains (2-4mm) and clay (probably after feldspar), with common hard fragments of quartzite (some hematitic) Rare fragments of red granite below 65m, becoming abundant in basal metre		68-72	0.02	6	674	26	2	8	15	
70	120	PARTLY-METASOMATISED LIMESTONE Dark grey granular limestone, in places weakly to moderately altered to calc-silicate skarn or recrystallised to fine-grained hard white marble. Alteration comprises chlorite, biotite, diopside, garnet and rare epidote Above 107m alteration appears fracture-controlled, as patches, bands and stringers. Below 107m alteration is pervasive, with limestone pale green or brown. Details: 70-80m: Brown clay (paleosol), limestone partly oxidised 81-82m: Moderate alteration. Some green clayey cavity-fill 87-90m: 50-70% of rock altered 92.5-97m: Very hard marble with only trace alteration 97-98m: 40% of rock altered; some strongly 99-100m: Garnet-diopside skarn 100-102m: 50% of rock altered (including garnet & epidote) 107-116m: Weak pervasive chlorite-biotite alteration 117-119m: Moderate-strong pervasive alteration including diopside, garnet hematite and sulphides	Limestone zones contain up to 5% dissemin po & py. Altered zones generally devoid of sulphides, except below 115m & 86-91m. 73-74m: 1-2% py, dissemin 79-80m: 1%py, locally 5% 80-81m: Locally 1-2% po 81-82m: Locally 5% py 86-91m: 1-2% po & py in skarn zones 95-97m: 1% po & py, dissemin 98-100m: 1-2% po 104-106m: 1-2%po in recrystallised marble zones 115-116m: Some highly pyritic fractures 117-119m: 1-2% po & py, up to 5% in stronger-altered zones 119-120m: Locally 2% py & po 1-2mm seams of hematite 97-99m: Blue-fluorescing scheelite	72-76	0.02	8	267	16	1	<3	30	
				76-80	0.02	4	126	18	1	<3	40	
				80-84	0.01	2	95	18	1	13	<10	
				84-88	0.06	6	72	19	1	4	<10	
				88-92	0.05	3	42	13	1	4	<10	
				92-96	<0.01	3	114	14	1	3	<10	
				96-100	<0.01	6	53	16	1	5	10	
				100-104	0.01	5	55	21	1	<3	15	
				104-108	0.01	<2	46	18	<1	5	25	
				108-112	<0.01	4	63	9	<1	<3	15	
				112-116	<0.01	2	90	16	<1	<3	10	
				116-117	0.03	9	94	36	<1	<3	15	
				117-118	0.04	9	88	37	<1	<3	25	
				118-119	0.03	7	736	315	<1	<3	<10	
				119-120	0.02	5	832	435	<1	<3	20	
				116-120	<0.01	3	189	630	<1	8	15	

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DECLINATION:	- 60°		

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		End of Hole	Possible scheelite 79-80m,85-87m.									