

COMPANY UNION CORPORATION (AUSTRALIA) PTY. LIMITED.

DRILL HOLE NO. GSR 11 LOCATION STANLEY RIVER, E.L. 53/70, WESTERN TASMANIA

COLLAR CO-ORDS. L5164N/4869W

COLLAR R.L. - AZIMUTH 032°m ANGLE -70°

DEPTH		GEOLOG. SECT. 50 cm. per div.	GEOLOGICAL DESCRIPTION		CORE DIP
m.	cm.				
STANLEY REWARD TIN PROSPECT -GSR 11 PERCUSSION/DIAMOND BOREHOLE - SUCCESS CREEK GROUP AND MEREDITH GRANITE					
2	00		Percussion borehole to 35m., sampled at 2 metre intervals. Few chips recovered, mostly mud and fine sediment	<u>GRANITE/ADAMELLITE</u> Light grey, claggy clay; some ?remnant granitic texture	
4	00				
6	00				
8	00		Fawn grey		
10	00		Abundant orange brown mud		
12	00		Granite fragments, fractured with sericite		
14	00		Minor mudstone/shale fragments Fawn coloured mud to 35m.	<u>SILTSTONE-MUDSTONE- QUARTZITE</u> Metamorphosed sandstones and fine sediments; some granitic dykes and veins?	
16	00		Shale and indurated sandstone fragments, dark grey quartzite		
18	00		Mudstone and quartzite, some red brown granitic component to 22m.		
20	00		Some sericite in granite		
22	00		Quartzitic sediments with granitic fragments to 28m.		
24	00				
25	00				

LOGGED BY N.J. WINNALL

DATE AUGUST, 1983

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m.	cm.				
25	00		STANLEY REWARD TIN PROSPECT - GSR 11 PERCUSSION/DIAMOND BOREHOLE - SUCCESS CREEK GROUP AND MEREDITH GRANITE		
26	00		Quartzite fragments recovered only	<u>SILTSTONE-MUDSTONE-QUARTZITE</u> Metamorphosed sandstones and fine sediments; some granitic dykes and veins?	
28	00		Fragments include mudstone, quartzite and minor granite		
30	00		Vein quartz and sericitised granite also occur with mudstone and quartzite		
32	00		Same as 30 to 32m. interval without granite, to 35m.		
34	00				
35	00		Start NQ core drilling		
			No core recovery to 38.5m. No change in drilling water colour between 35 and 38.5m.		
38	50		Sugary, cream coloured indurated, massive sandstone, 20cm section. 21% core recovery to 41.35m. Well bedded, dark grey siltstone with sandy interbeds, highly weathered, spottiness developed. Thin layer of andalusite crystals		Bedding 27°
41	35		Contact broken and fractured Base of weathered zone at contact	<u>GRANITE/ADAMELLITE</u> Fresh, leucocratic, medium grained, porphyritic, phenocrysts of quartz and feldspar (3cm wide); minor biotite fairly evenly distributed throughout as <3mm flecks; trace and zones of sulphides; several fractures iron stained; some quartz veining	
43	35		Virtually full core recovery to 66.1m. (End of hole). Minor fragments lost.		
47	30				

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m.	cm.			
50	00	Aplitic zone	<u>GRANITE/ADAMELLITE</u> Fresh, leucocratic, medium grained, porphyritic; phenocrysts of quartz and feldspar (3cm wide); minor biotite fairly evenly distributed throughout as <3mm flecks; trace and zones of sulphides; several fractures iron stained; some quartz veining	Vein 70°
50	60			
52	35	3mm tourmaline vein, red brown staining		
55	84			
56	71	7mm tourmaline-sulphide (py) vein		Vein 75°
62	65	Broken core at fracture		Fracture 70°
62	80	Broken core at fracture, vugs with euhedral quartz		60° Vein
63	33	Several 1mm tourmaline veins		70°
64	20	Irregular, 1cm wide tourmaline-sulphide (py) vein		
66	10	End of hole		