418056

GOLD FIELDS EXPLORATION PTY. LIMITED

DRILL CORE LOG AND ASSAY DATA

PROJECT: TYNDALL

HOLE NUMBER: LS. 11

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INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION	ASSAY DATA Sample No.	From	To	Rec. %
				6.0-62.0 IGNIMBRITE QUARTZ-FELDSPAR PHYRIC WITH ABUNDANT LITHIC, MAINLY PUMICEOUS FRAGMENTS. MODERATELY ALTERED, STRONGLY WEATHERED AT FIRST.				
6.0	35.2	18.2	62	Weathered ignimbrite. Pale green-brown moderately to strongly weathered with abundant limonite and sericite developed. The ignimbrite is quartz-feldspar phyric with large (0.5cm) round quartz and feldspar (now sericitic) phenocrysts. It also contains sericitised pumiceous fragments elongated by the weakly developed foliation in the rock. These have been preferentially weathered out in many places, causing the rock to appear vuggy. Overall the rock is weakly altered and highly fractured and broken.				
Between 6.0-14.4,1.3m rec.)								
Between 14.4-28.7,11.7m rec)								
				Below 28.7 the pervasive brown limonitic developed is absent, and limonite is restricted to fracture coatings. The rock becomes greener and less fractured also.				
35.2	62.0	26.4	99	Incipinetly weathered green ignimbrite. Rich in white sericitic feldspar phenocrysts and rarer anhedral quartz crystals. The groundmass is pale green to green sericite (+chlorite?). Moderately-strongly fractured with limonite coatings (thin) on some fracture surfaces.				
Between 40.8-42.3,1.1m rec.)								
				At 42.4, a small clayey fracture zone occurs. At 45.6, traces of the limonitic staining disappear. The rock remains strongly fractured 57.1. Pale brown sericite replaces some of the pumiceous fragments and forms along small fractures below 55.0. Also, patches of darker green (more chloritic?) alteration occur within the sericitic (pale green) alteration state. With the darker sytle of alteration, thin irregular carbonate veinlets also exist. Overall, weakly altered.				
				62.0-90.5 PYROCLASTICS RICH IN QUARTZ AND PUMICE FRAGMENTS. WEAKLY ALTERED.				
62.0	90.5	28.5	100	Green pyroclastics, containing a wide variety of fragments.				