GOLD FIELDS EXPLORATION PTY. LIMITED

418092

ULV. PRESS

PROJECT: TYNDALL E.L. 9/66

DRILL CORE LOG AND ASSAY DATA

HOLE NUMBER: HA. 7

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION	ASSAY DATA Sample No.	From	To	Rec. %
				SUMMARISED LOG				
0.0	85.0	79.9	94	FINE GRAINED, FELDSPAR PORPHYRITIC, WEAKLY ALTERED ANDESITE LAVA. SEVERAL THICK FLOWS/UNITS ARE INTERCALATED WITH TUFFACEOUS BRECCIAS. A SHEARED-SILICIFIED BASAL CONTACT OCCURS.				
85.0	233.5	148.5	100	VOLCANICLASTICS AND BEDDED SEDIMENTS (SUB-AQUEOUS) RICH IN VOLCANIC DETRITUS INCLUDING QUARTZ AND LAVA FRAGMENTS. SOFT SEDIMENT DEFORMATION OCCURS. ALTERATION IS MODERATE BUT INCREASES WITH DEPTH TO BE STRONGLY ALTERED. MODERATELY PYRITIC.				
				0.0-85.0 FINE GRAINED, FELDSPAR PORPHYRITIC, WEAKLY ALTERED ANDESITE LAVAS WITH MINOR INTERCALATED VOLCANICLASTICS.				
0.0	57.6	51.3	90	Dark green/grey - purple porphyritic fine grained massive andesite-lava containing feldspar phenocrysts (up to 0.5cm) replaced by white sericite and less abundant, smaller mafic phenocrysts replaced by chlorite-hematite, set in a chloritic-sericitic groundmass. Overall weakly-moderately altered. The rock is moderately fractured and in places is highly fractured. Limonite-hematite veins and fracture infillings are common. The rock is weakly weathered down to 20.0. Large patches of the groundmass are hematitic. Reddish hematite also fills irregular shaped voids in the lava. Thin quartz veinlets cut the core in places. The lava also contains a few large (around 0.5cm) anhedral quartz phenocrysts, which appear to be more abundant below 40.0. Below 46.7, between large blocks of the lava, brecciated-cemented zones occur. These contain small lava fragments and chips in crudely bedded, fine grained tuffaceous deposits and siliceous cements. This grades into the unit below. The lavas are pink initially.				
57.6	67.6	10.0	100	Dark green volcaniclastic-breccia. Thick with pebble sized, angular chloritic andesite lava fragments, large (0.5cm) quartz crystals and small hematitic volcanic fragments, set in a fine grained				