650384

GOLD FIELDS EXPLORATION PTY. LIMITED

DRILL CORE LOG AND ASSAY DATA

PROJECT: GRAND PRIZE E.L. 42/71

HOLE NUMBER: GP6

Page: 1.

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION	ASSAY DATA Sample No.	From	To	Rec. %
0	25.7			Casing Advancer used - No recovery (Fernfields Formation).				
25.7	95.7	68.6	98	RUDACEOUS CONGLOMERATE - Fernfields Formation.				
				Purple and occasionally green rudaceous, matrix poor, conglomerate which is cyclical in grain and clast size ranging from very coarse (500mm) to fine grit and minor purple to green siltstones . Clasts which are rounded to subrounded consist predominantly of fine grained grits, purple and green siltsontes. 5% of the clasts consist of actinolite altered dark green, probably basic rock. Some of these clasts have been partially replaced by pyrite. 1-2% of the clasts consist of altered pale white silica with minor hematite. Minor weathered out clasts (after carbonate?) also occurs. Note most of the component clasts of the unit are probably locally derived e.g. at 60.0m pale green siltstone in long subrounded clasts occurs within a fine grained grit matrix. This is overlain by siltstone of similar composition. Minor disseminated pyrite occurs throughout the unit.				
				53.9-59.3m Rocks are weathered to brown with extensive limonite veinlets and includes very broken zones at 56.6-56.8m and 57.9-58.1m.				
				72.0-73.3m Brown weathered zone.				
				73.7-76.7m Broken zone-minor fault or fracture.				
				BCA at 27.8m : 45°				
				59.8m : 50°				
				Petrology for 37.3				
				Classification - Composition				
				Chloritic Conglomerate. Framework of chloritised/sericitised basalt and microgabbor; relatively chloritic labile greywacke and variably hematitic, sericitic to chloritic pelite clasts. Sparse hematitic, chloritic matrix.				
				Fabric				
				Poorly sorted (sandy to gritty), subangular to rounded,				