418072

GOLD FIELDS EXPLORATION PTY. LIMITED

DRILL CORE LOG AND ASSAY DATA

ULV. PRESS

PROJECT: TYNDALL E.L. 9/66

HOLE NUMBER: LS. 9

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION	ASSAY DATA Sample No.	From	To	Rec. %
0	10.2	8.75	86	CRYSTAL-LITHIC VOLCANICLASTIC BRECCIA				
				Red and grey-green.				
				Quartz xyls 1-2mm, felds. 1-3mm, abundant in matrix. Matrix -				
				supported lithic volc. clasts, mostly angular, to 100mm av <10mm.				
				Mod-strongly chlor, strongly hematised, patchy silif. Text indis-				
				tinct due to alt.				
				Hem 5-10% pervasive and in abund fractures.				
				Basal contact 55°/LCA.				
10.2	22.3	12.10	100	TUFFACEOUS SEDIMENTS				
				Silty and sandy, rather massive. Vitric and siliceous.				
				Grey-green and red.				
				Mod ser, weak chlor, mod-strong hem. Rare patchy silif.				
				Rare banding after bedding? (alt obscures text), 40°/LCA @ 14.5m.				
				5% hem, trace mag. Mainly filling fine fractures.				
				Irreg basal contact.				
22.3	73.65	51.35	100	VARIABLE VOLCANICLASTIC SEDIMENTS				
				Green with purple zones.				
				Gen gritty text with finer gr patches-suggests irreg sedimentat-				
				ion.				
				Euhedral to subrounded qtz xyls to 3mm, av <2mm. Abundant feld				
				xyls to 4mm. Sub-angular lithic volc clasts to 20mm, av <10mm.				
				Glass shards and pumice av <10mm.				
				Patchy variable alt-produces mottled effect. Mod ser and chlor				
				(inc with depth), mod-strong hem (inc with depth, locally semi-				
				massive over 250mm) Patchy silif assoc with hem. Weak 'pot' alt				
				(k-feldspar and for albite). Mod schistose.				
				Bedding: 45°/LCA @ 51m, 35°/LCA @ 73.1m.				
				Some metamorphic(?) qtz-chlor-pot veins up to 250mm. Trace gn +				
				sp (yellow) in these @ 67.6m & 71.2m.				
				Clayey broken zones 36-40m, 44.5-46m. Fault 39.35m.				
				22.3-28m: 2-3% py, 3-5% hem (veins), 2-3% mag (dissem).				
				28-38.15m: 1% py, minor cp, 2% mag, minor hem.				
				38.15-70m: 5-10% hem, minor mag & py. 42-50m, 60-65m - 1-5% mag,				