GOLD FIELDS EXPLORATION PTY. LIMITED

DRILL CORE LOG AND ASSAY DATA

PROJECT: RED HILLS, TYNDALL E.L. 9/66

HOLE NUMBER: RH 16 418084

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION	ASSAY DATA Sample No.	From	To	Rec. %
0	11.8	10.85	92	VARIABLE PUMICEOUS VOLCANICLASTIC				
				Pale pinkish green. Medium grained.				
				Felsic with feldspar phenos to 4mm. Rare quartz 1-2mm.				
				Text variable, with long streaks of dark green deformed pumice				
				and vitric bands.				
				Mod sericitisation (ser), patchy pink potassic(?) alt(pot) with				
				silicification (silif). Strongly schistose 25°/LCA @ 8.5m.				
				Oxidised-limonite + Mnox. Clayey and broken.				
				1% dissem py. 10.8-11.8m: 3% py , minor cp,gn, sp.				
11.8	140.6	128.45	99.7	FINE GRAINED VITRIC VOLCANICLASTIC SEDIMENT				
				Pale fawn or creamy grey. Bland, even-text. Hard.				
				Strongly alt (silif,ser,> pink pot, carbonatisation (carb). This				
				has largely oblit text. Rare pumice clasts <10mm.				
				Fine grained vitric groundmass with long thin streaks of grey-				
				green glass(?) - giving banded or brecciated appearance. This				
				text maybe solely an alt feature. Layer of prob sedimentary				
				breccia 104-104.3m 50°/LCA.				
				Banding is parallel schistosity (30°/LCA @ 30m, 45°/LCA @ 55m,				
				40°/LCA @ 82m).				
				Qtz-carb-pot ± chlor veins. Also carb only. Av <10mm. locally				
				to 250mm. Most are metamorphic and cut schistosity at high angle.				
				69.2-70.7m fault?-broken, leached qtz-veined zone.				
				Trace py, sp, gn, cp - often assoc with carb sweat-outs. Minor				
				mag + hem 132.5-134.25m.				
				Basal contact 45°/LCA.				
140.6	150.4	9.3	95	DEFORMED COARSE VOLCANICLASTIC SEDIMENT (BRECCIA)				
				Pale creamy-green, well banded, strongly schistose, variable				
				text.				
				Mod-strong ser, weak-mod carb, minor chlor.				
				Green streaks and bands after deformed pumice and/or ashy layers				
				and lenses, up to 80mm long. Lithic clasts (mostly fi gr similar				
				to above unit), up to 30mm av <10mm. Some feld and small qtz xyls.				
				Bedding originally irreg and lensey, 40°/LCA @ 147.4m.				