GOLD FIELDS EXPLORATION PTY. LIMITED

PROJECT: TYNDALL

DRILL CORE LOG AND ASSAY DATA

HOLE NUMBER: LS. 10 Page: 2.

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION	ASSAY DATA (p.p.m) Sample No.	From	To	Rec. %	Au	Cu	Pb	Zn	Ag
				in size down to a coarse grit size. The larger framents are often veined and broken by a limonitic material. Overall the unit is slightly weathered with a weak to moderate fracture system often coated with brown-black limonite. In places the hematite is specular. Fine-grained magnetite is also present. Clasts of sub-angular, grit sized and smaller, quartz are also present. The clasts are set in a pale green, sericitic fine grained tuffaceous matrix. The elongation of some of the clasts is due to a pronounced schistosity in the rock, which varies in intensity from being highly sheared to being entirely absent. Within the unit, grittier, coarser grained beds are separated from the finer grained sequences by bedding planes which parallel the schistosity (at 20° CA). Quartz-albite? veins, often 1-2cm wide cut the core at approx. 90°. Overall the unit is very weakly altered. The weathered depth limit is 16.8m.									
16.8	34.4	17.6	100	Predominantly as above but unweathered, i.e. outside the limonitic development. Small (approx. 1cm across) white quartzite fragments, pink and purple hematitic, strongly sheared tuffaceous fragments, purple thin fine grained tuffaceous lenses all in a weakly altered green fine grained matrix. Weakly fractured with an incipiently developed limonitic coating. The quartz-pink albite metamorphic veins are also quite common, often also containing minor green chlorite. Some of the larger purple fragments appear to be porphyritic lavas (intermediate) with clay altered feldspar/mafic and quartz phenocrysts. A few of the larger joints are moderately limonitised and are also strongly fractured and open (water lost during drilling). This unit appears to have a gradational contact with the one below. Strongly hematitic.									
				34.4 - 127.2 STRONGLY SHEARED AND HEMATITIC RHYOLITE LAVA WITH BRECCIATED ZONES. MODERATELY ALTERED.	12715	34.4	36.4	100	<0.01	85	30	70	2
					12716	40.4	42.4	100	"	25	40	50	1
34.4	127.2	92.8	100	Purple rhyolite lavas. This unit is moderately altered with abundant red-purple hematite as a stockwork replacement vein replace-	12717	46.4	48.4	100	"	15	<10	60	1