GOLD FIELDS EXPLORATION PTY. LIMITED

DRILL CORE LOG AND ASSAY DATA

PROJECT: TYNDALL

HOLE NUMBER: LS. 11

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION	ASSAY DATA Sample No.	From	To	Rec. %
				is 38°CA. The foliation is very weakly developed. A gradational contact with unit below occurs.				
69.5	422.3	52.8	100	Dark green volcaniclastics. These are rich in pumiceous fragments relatively undeformed by the weak foliation, but replaced by white sericite. Small crystals of quartz and magnetite are common and the matrix is altered to chlorite and minor pink hematite. The rock is quite hard and could be hornfelsed. Pyrite-hematite veins occur (approx. 1% pyrite), as do rare calcite veinlets. Quartz-chlorite metamorphic veins are also present.				
				Between 390.0 and 391.5, a paler green, more sericitic zone occurs - highly fractured and sheared core.				
				Below 394.5, wide (up to 20-30cm) zones of pyrite-magnetite, apparently bedded-selective replacement? occur. Overall the pyrite content is 10-20% vol. This lasts until 399.0, where the level of pyrite-magnetite intergrowths drops to approx. 5% pyrite.				
				The frequency of the calcite veinlet occurences increases with depth below 400.0. Also with depth, magnetite begins to replace patches of the volcaniclastic alongside the chlorite. The weakly developed hematitic alteration becomes more visible below 411.0m.				
				END OF HOLE 422.3				