418110

GOLD FIELDS EXPLORATION PTY. LIMITED

DRILL CORE LOG AND ASSAY DATA

PROJECT: TYNDALL

HOLE NUMBER: JP3

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION	Sample No.	From	To	Rec. %	Au	Cu	Pb	Zn	Ag
				and fracture coatings. The rock is moderately fractured. Patches of unweathered rock occur (rarely) within the predominantly limonitic rock. Constituents of the rock include : anhedral quartz crystals up to 0.5cm across, chloritic angular lithic fragments up to 1.0cm across and angular, pink sericitised lava fragments up to 2.5cm across. The pink colour in the latter is probably due to their original hematitic state. In places, the lithics are tiny, 1.0mm, pale brown fragments. Patches of ash rich in these lithics and similar sized lava fragments, are common. The unit is massive and unfoliated. This grades into the one below.									
				At 38.9, the thick, irregular metamorphic quartz-albite-hematite-chlorite veins occur.									
				45.6-212.2 AUTOBRECCIATED RHYODACITIC LAVAS AND PYROCLASTICS. WEAKLY ALTERED.									
45.6	97.4	51.8	100	Pale tan weakly weathered rhyodacitic lava and minor dark grey associated ash deposits. Zones of unweathered lava occur - here the rock is pink (hematitic-weakly) with dark chloritic and pale sericitic phenocrysts? The lava is autobrecciated (widespread) on a fine scale with thin, chloritic ash horizons and interstitial fillings. Overall the unit is massive, very weakly fractured and altered. An incipient chloritisation occurs in the lava groundmass. Quartz phenocrysts are present also. The tan colour is due to a pervasive limonite which also coats many of the fractures.									
				Below 76.0, many small zones of dark grey-green ash with chips of pink lava occur. These are usually 10cm wide.									
				At 79.4, a 3.2m zone of intense silicification quartz reef	12497	79.4	80.4	100	<0.01	35	<10	30	2
				development occurs. The zone consists of quartz veins and	12498	80.4	81.4	100	<0.01	35	<10	20	1
				quartz-sericite replaced wallrock.	12499	81.4	82.4	100	<0.01	380	120	150	3
				Below this zone, the limonite content decreases with more of	12500	82.4	83.4	100	<0.01	30	20	30	2
				pink (hematite)-green (chlorite) coloured lava present.									
				At 97.4 the lava becomes brecciated and gradually becomes more									