418093

GOLD FIELDS EXPLORATION PTY. LIMITED

DRILL CORE LOG AND ASSAY DATA

PROJECT: TYNDALL E L. 9/66 HOLE NUMBER: HA, 7 Page: 2,

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION	Sample No.	From	To	Rec. %	Au	Cu	Pb	Zn	Ag
				chloritic-sericitic matrix. The unit is foliated and is possibly sub-aerial (massive unsorted). At 66.1, an increase in the size of the lava fragments occurs- they become cobble sized and are pink, with red hematitic feldspars.									
67.6	85.0	17.4	100	Dark greenish-grey purple porphyritic, fine grained, massive andesite lava, as before, apart from a minor, 10cm breccia at 68.7. The lava is strongly hematitic with pink feldspars. Overall the unit is very weakly altered, very weakly fractured and unfoliated. Calcite, quartz, chlorite and hematite veins occur within the lava. Below 78.0, the lava becomes quartz porphyritic and brecciated as before. At 83.4, a 1.6m zone of quartz-chlorite-pyrite replacing fine-grained tuffaceous sediments occurs. Minor shearing occurs in this zone.	12460	83.0	84.0	100	<0.01	145	130	390	<1
					12461	84.0	85.0	100	0.08	190	380	300	3
					12462	85.0	86.0	100	<0.01	85	3040	1,360	4
					12463	86.0	87.0	100	<0.01	150	240	520	<1
				85.0-233.5 VOLCANICLASTICS AND SEDIMENTS RICH IN VOLCANIC DETRITUS, PARTICULARLY QUARTZ GRAINS. BECOMES STRONGLY ALTERED WITH DEPTH.									
85.0	111.5	26.5	100	Dark-medium green, medium-fine grained sub-aqueous, bedded volcaniclastics rich in detritus. Anhedral quartz grains up to 0.5mm; red, hematitic volcanic fragments and white, elongate sericitic fragments (ash?) occur in a weakly chloritic-sericitic tuffaceous? matrix. Beds of finer grained ash and coarser grained detritus are common. The unit is weakly pyritic (approx. 1% by volume). The rock is weakly fractured, moderately foliated and overall weakly altered. The foliation parallels bedding at 39° CA. These volcaniclastics exhibit soft-sediment deformation, indicating rapid deposition? Between 102.5, the pink-red hematitic andesite fragments disappear.									