418099

GOLD FIELDS EXPLORATION PTY. LIMITED

DRILL CORE LOG AND ASSAY DATA

PROJECT: Tyndall

HOLE NUMBER: HA8

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION
				Below 179.0 and 182.0, a pale green, strongly sericitic-silicified zone occurs. This grades into the unit below.
82.0	207.2	25.2	100	The volcaniclastics become sericitic and hematitic, with intergrown soft, pale green sericite and hard, pink siliceous hematite replacing the volcaniclastic matrix. This occurs in large patches with the usual sericite-pyrite-silica-chlorite alteration. The unit is rarely pyritic. The composition (original) of the volcaniclastic is the same as above, i.e. quartz phyric with minor chloritic lithic fragments.
07.2	251.5	44.3	100	Pale grey fine grained volcaniclastic sediments with abundant quartz crystals (up to 0.5cm across) and thin, darker, lenticular wispy lenses of chloritic sediments. The sequence is strongly sericitic, with 1-2% pyrite also present. The rock is very weakly foliated and much of the sediment shows soft, pre-consolidation deformation. Weak silicification occurs. At 221.8, a 0.7m zone of amorphous silica and green sericite occurs; in vein and replacement form. Below this zone, the rock becomes grey-green, reflecting the higher sericite content. At 250.0, a 0.5m zone of brecciation occurs. It appears to be a syn-sedimentary feature, with selective replacement of the matrix by chlorite and the clasts by sericite.
				END OF HOLE 251.5

ASSAY DATA (p.p.m)

Sample No.	From	To	Rec. %	Au	Cu	Pb	Zn	Ag
12681	182.7	184.7	100	<0.01	45	610	3,080	3
12682	188.7	190.7	100	<0.01	85	1,260	3,900	5
12683	194.7	196.7	100	<0.01	200	800	2,240	7
12684	200.7	202.7	100	<0.01	90	200	90	1
12685	206.7	208.7	100	<0.01	65	340	1,250	2
12686	212.7	214.7	100	<0.01	165	430	1,560	3
12687	218.7	220.7	100	<0.01	145	1,280	2,590	5
12688	224.7	226.7	100	<0.01	60	290	1,100	2
12689	230.7	232.7	100	<0.01	85	110	480	1
12690	236.7	238.7	100	<0.01	80	900	3,330	3
12691	242.7	244.7	100	<0.01	55	600	1920	1
12692	248.7	250.7	100	<0.01	55	570	1970	2