418060

GOLD FIELDS EXPLORATION PTY. LIMITED

DRILL CORE LOG AND ASSAY DATA

LV. PRESS

PROJECT: TYNDALL

HOLE NUMBER: LS. 11

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION	Sample No.	From	To	Rec. %	Au	Cu	Pb	Zn	Ag
				Pale pink cherty sediments are also interbedded (20-30cm Scale).	12808	251	253	100	<0.01	1,470	60	970	1
				The unit is moderately pyritic with approx. 5% by vol. pyrite -									
				mainly as thin colloidal-type beds. Bedding is at 40° CA, and									
				a foliation is developed at a similar altitude. Quartz-chlorite,	12809	257	259	100	"	950	790	340	2
				hematite metamorphic veins are developed and small veins of hem-									
				atite also occur. Overall, alteration is weak, with chlorite-									
				sericite-weak hematite developed. Evidence for small scale faulting	12810	263	265	100	"	760	<10	120	<1
				(possibly syn-sedimentary) is widespread. The volcaniclastic									
				vary widely with quartz crystal rich layers; gritty and coarse									
				grained; very fine grained, dark green chloritic beds and very	12811	269	271	100	"	1,550	20	110	<1
				coarse grained lenses containing the hematitic fragments (up									
				to 10cm wide). These lithologies are interbedded on a fine scale	12812	275	277	100	"	1,290	10	110	<1
				(1-10cm).									
				The cherty sediments are rare below 315.0.									
				Bands or veins (1-2cm wide) of magnetite occur. Magnetite often	12813	281	283	100	"	2,320	10	70	<1
				forms the matrix for the brecciated hematitic fragments also.									
				Large scale beds (20-30cm) of colloidal pyrite with minor magnet-									
				ite rarely occur.	12814	287	289	100	"	2,590	30	100	<1
36.1	362.6	26.5	100	Pink-green volcaniclastics as above, strongly altered and replaced									
				with magnetite-hematite-quartz. This alteration assemblage has	12815	293	295	100	"	7,600	<10	140	<1
				replaced, veined and overprinted the original volcaniclastic									
				sequence as described in the unit above. Massive patches and									
				veins of quartz-secondary feldspar?-hematite-magnetite occur.	12816	299	301	100	"	1,250	30	90	<1
				Magnetite occurs pervasively through the volcaniclastics (which									
				are still strongly chloritice and pyritic). Small fault/vein?									
				filled breccias of quartz-hematite-altered volcaniclastics frag-	12817	305	307	100	"	340	30	80	<1
				ments in a black magnetite matrix occur at 339.3 (10cm wide)									
				and 342.3 (5cm wide). Their attitudes parallel the prevailing									
				foliation (40° CA). Metamorphic veins of red hematite-quartz	12818	311	313	100	0.15	250	20	190	<1
				are common throughout. Zones of stronger hematite-quartz alteration									
				(+ secondary feldspars?) are distinguishable as bright red patches									
				in the core.	12819	317	319	100	<0.01	400	120	1,320	<1
				Between 339.3 and 347.0, the chlorite-magnetite alteration									
				style dominates.									

ASSAY DATA (p.p.m)