







GOLD FIELDS EXPLORATION PTY. LIMITED  
DRILL CORE LOG AND ASSAY DATA

102039  
HOLE NUMBER: HP25

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PROJECT: TYNDALL

ULV. PRESS

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INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA (all ppm)										
From	To	m	%		Sample No.	From	To	Rec. %	Au	Ag	As	Cu	Pb	Zn	Bi
				occurs. This consists mainly of puggy clays, and between 199.1 and 199.6 is soft mud.											
				200.7-229.8 STRONGLY ALTERED AND MINERALISED COARSE VOLCANICLASTICS CUT BY A THIN SILICEOUS VEIN.	T7373	200.7	201.7	100	0.480	2.5	34	175	115	95	2
					4		202.7	"	3.510	17.0	14	715	5000	3000	31
200.7	218.4	17.7	100	Grey-pale grey strongly mineralised coarse-medium grained volcanoclastics. The rock consists of sub-rounded, white siliceous fragments in a fine matrix of sericite-pyrite. Overprinting this are pale green-sericitic veinlets (particularly strongly developed between 200.7 and 203.5) and narrow (0.1-0.2m) silicified zones. The core is very weakly fractured with a few sericitic, strongly fractured zones (0.1m wide), and is moderately foliated at 45°CA. In general, pyrite occurs as very fine disseminated grains and minor base metal sulphide blebs occur associated with some silicified zones. Overall content is 15-20%.	5		203.7	"	0.210	5.0	28	50	305	55	4
					6		204.7	"	0.110	3.0	61	280	85	50	5
					7		205.7	"	0.140	2.0	77	230	100	30	12
					8		206.7	"	0.140	1.5	53	40	60	25	8
					9		207.7	"	0.110	1.0	53	40	45	25	8
					80		208.7	"	0.130	1.0	38	30	60	35	8
					1		209.7	"	0.110	2.5	40	30	100	25	6
					2		210.7	"	0.080	1.5	38	60	60	30	2
					4		211.7	"	0.030	<0.5	24	50	25	70	2
				At 202.2, a strongly developed 'splash' of galena-sphalerite occurs with sericite veins.	5		212.7	"	0.020	"	20	160	20	50	<1
					6		213.7	"	0.090	1.0	52	375	100	40	3
				Below 210.0, the sulphide content decreases and becomes patchily developed - around 5-10% by vol.	7		214.7	"	0.170	2.5	34	170	200	30	7
					8		215.7	"	0.320	3.5	120	965	410	75	14
				Between 215.0 and 218.4, the end of the sequence, a number of thin (up to 5cm wide) massive pyrite lenses occur at 215.4, 217.5 (with associated chalcopryite) and semi-continuous from 218.0 to 218.4.	9		216.7	"	0.210	3.0	95	315	235	50	14
					90		217.7	"	3.204	15.0	290	2400	725	125	56
				At 216.0 a 0.4m thick, strongly silicified-pyritic zone is present. The mineralised sequence has a sharp irregular contact with the unit below.	T7391	217.7	218.4	"	40.072	71.0	490	3500	2200	85	118
218.4	219.4	1.0	100	Pale orange-pink strongly silicified rock-silica vein. A cryptocrystalline silica vein with very strongly silicified wall rock. Moderately-weakly fractured. A sharp contact below.	T7392	218.4	219.6	100	0.080	<0.5	21	125	15	20	2
219.4	229.8	10.4	100	Strongly altered and mineralised, coarse grained volcanoclastics. A sequence similar to the previous volcanoclastics unit, with numerous siliceous clasts in a fine pyrite-sericite matrix. The overall sulphide content is lower, around 10% by vol, but base metal sulphides, particularly chalcopryite are more abundant. The unit is	T7393	219.6	220.6	100	0.220	3.0	56	1300	525	635	10
					5		221.6	"	0.170	1.0	34	440	175	550	8
					6		222.8	"	0.140	1.5	36	355	180	115	6
					7		223.5	"	0.030	<0.5	15	370	30	150	<1
					8		224.5	"	0.120	1.0	32	1005	270	165	4

