

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

102105

HOLE NUMBER: HP36

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PROJECT:

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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
				moderately fractured at 50°C, and is strongly fractured. The rock is metamorphosed to a quartz-chlorite-hematite assemblage with minor sericite also present in patches. The dykes are strongly chloritic and often contain irregular quartz veinlets. Below 46.0, the core is very strongly fractured.											
				50.4-77.7. HENTY FAULT. A WIDE MYLONITIC VOLCANIC ZONE IS UNDERLAIN BY A NARROW CRUSHED ZONE.											
50.4	74.5	23.5	98	Pale brown-grey, strongly sericitic mylonitic volcanics. Strongly fractured soft rock with numerous irregular quartz veins in places. Patches of gritty volcanoclastics (as above) occur within the mylonites, which are kink banded by later deformation. Two black/dark grey shale units, highly sheared and fractured, occur at 71.0-72.4 and 73.8-74.5.											
74.5	77.7	2.0	63	Strongly fractured crushed zone. Highly fractured clay and rock fragments - unconsolidated. Sericite is well developed throughout.											
				77.7-107.9 UNMINERALISED, STRONGLY ALTERED MEDIUM GRAINED VOLCANICLASTICS.	T4993	78.9	79.9	100	0.020	4.0	21	20	35	130	<1
					4		80.9	"	0.010	"	20	"	40	225	"
					5		81.9	"	<0.008	2.5	19	15	35	45	3
77.7	107.9	30.2	100	Pale green-grey, weakly mineralised, strongly altered medium grained volcanoclastics. The core consists of pinkish, siliceous clasts, around pebble size, poorly sorted in a fine silica-sericite-pyrite matrix. Minor irregular sericite and quartz veinlets cut the sequence, which is weakly fractured. The overall sulphide content is around 3-4% by vol. With depth, the volcanoclastics become coarser grained, with fragments up to 5cm across. In places the core is moderately fractured, usually associated with increased pale green sericite development and weak silicification.	6		82.9	"	"	1.0	17	20	45	50	2
					7		88.9	"	"	6.0	19	30	15	25	5
					8		84.9	"	0.010	5.5	13	20	35	60	<1
					9		85.9	"	0.010	3.5	5	10	45	15	"
					T5000		86.9	"	0.040	4.0	14	15	50	45	"
					T10401		87.9	"	0.010	2.0	21	"	45	55	3
					2		88.9	"	0.030	1.5	15	"	35	85	<1
					3		90.9	"	"	2.0	17	"	70	175	"
					4		91.9	"	0.010	1.0	13	"	25	75	"
					5		92.9	"	<0.008	0.5	10	10	20	45	"
					6		93.9	"	"	"	12	15	30	80	"

