

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

PROJECT: TYNDALL

HOLE NUMBER: HP33

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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
				of pink felsic lava (up to 0-3m wide). This sequence is metamorphosed to a chlorite-silica-hematite assemblage and contains a few rare quartz veins. A series of thin (up to 1.5m wide) fine grained mafic dykes intrudes the volcanoclastics and are weakly altered to chlorite-sericite-quartz. The rock is weakly fractured and foliated at 45°CA. Below 55.0, the felsic lavas become thicker and more abundant, making up the majority of the sequence. Between 84.0 and 85.8 a zone of strongly fractured bright green sericitic fine grained epiclastics occur. At 102.0, the core is strongly fractured down to the end of this sequence.											
				106.5-124.2 HENTY FAULT. HIGHLY FRACTURED VOLCANICS WITH MINOR MYLONITES AND PUGGY CLAY ZONES.											
106.5	124.2	17.7	100	Pale green-cream coloured semi-consolidated rock fragments and clays. Overall a very strongly altered sequence (quartz-sericite-sulphide ? alteration) that has been strongly fractured and deformed into a crushed zone. In places the core is semi-consolidated rock fragments in a clay matrix and in others it is unconsolidated pug. Minor fine grained sulphides (pyrite) appear to occur, particularly below 112.0. At 109.8 a 30cm band of soft mylonitic volcanics occurs, later deformed by kink bands. Overall the sulphide content is low, around 1-2% by vol above 112.0, and around 4-5% below, increasing into the unit below.	T9770	112.0	113.0	100	0.020	<0.5	26	55	180	210	3
					1				<0.008	0.5	34	30	475	975	1
					2				"	<0.5	51	45	290	840	<1
					3				"	0.5	49	"	220	465	"
					4				"	<0.5	30	40	110	270	7
					5				0.040	"	28	75	25	140	<1
					6				0.050	"	30	"	120	"	"
					7				0.060	"	37	375	235	230	"
					8				0.570	5.5	300	450	1250	1780	17
					9				0.050	<0.5	37	45	40	155	<1
				124.2-126.0 MINERALISED VOLCANICLASTICS WITHIN THE HENTY FAULT.	80				<0.008	"	21	70	20	105	"
					T9781	123.0	124.2	"	0.940	2.5	22	420	240	75	"
124.2	126.0	1.8	100	Strongly fractured, sheared and semi-consolidated volcanics as above; but here are strongly mineralised. Siliceous-sulphidic clasts occur poorly sorted in a weakly consolidated sulphidic-sericitic clay matrix. The sulphide content is high (15-20%) with a 5cm wide massive pyrite-lens at 125.7. The core also contains several puggy completely shattered clay zones. Minor chalcopyrite also occurs.	T9782	124.2	125.0	100	0.880	7.5	46	420	80	100	4
					3	125.0	126.0	"	0.370	3.5	160	1850	345	320	24

