











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

102117

PROJECT: TYNDALL-HENTY

HOLE NUMBER: HP38

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INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA														
From	To	m	%		Sample No.	From	To	Rec. %											
198.2	282.1	83.9	100%	<b>VOLCANICLASTIC BRECCIA - JUKES BRECCIA</b> Predominantly volcaniclastic breccia with lapilli-and block-sized fragments. Characterised by the presence of sub-rounded pink quartz porphyry fragments. Minor bands of fine-grained grey volcaniclastic.															
198.2	199.8	1.6	100	Grey fine-grained volcaniclastic. Possible bedding in patches 198.2-198.4: Coarse fragmental															
199.8	205.3	5.5	100	Coarse-grained volcaniclastic breccia 199.8-200.2: Transitional mixture of fine and coarse-grained volcaniclastic material. 201-203.4: Strongly silicified. 202.8-204: Quartz-chlorite veins.															
205.3	212.2	6.9	100	Fine-grained grey volcaniclastic chlorite veining and pink silicified lenses. 212.2: Contact/CA = 58°															
212.2	229.7	17.5	100	Volcaniclastic breccia - typically lapilli-sized fragments. Gritty medium-grained texture of quartz, feldspar and felsic fragments. Larger lapilli-sized chloritic feldspar-phyric fragments and pink quartz-phyric fragments. Occasional pyrite slugs. 217.7-221.8: Patchy silicification 222.5-224: Blocks (greater than 10cm) of quartz-feldspar porphyry 224-229.7: Fine-to medium-grained volcaniclastic. 228.4: Quartz vein.															
229.7	233.9	4.2	100	Chloritic-veined fine-grained volcaniclastic.															
233.9	282.1	48.2	100	Volcaniclastic breccia Medium-grained gritty matrix with large felsic (greater than 5cm) fragments. Quartz porphyry fragments, hematitic fragments and chlorite-rich fragments. 232.9-235.3: Broken core															
282.1	286.2	4.1	100	<b>BLACK SHALE/SILTSTONE - NEWTON CREEK SANDSTONE</b> Sequence of foliated shales and siltstone 283.2 Foliation (Bedding)/CA = 64°															
286.2	286.5	0.3	100	<b>VOLCANICLASTIC BRECCIA - JUKES BRECCIA</b>															

END OF HOLE

INTERVAL		RECOVERY		COMMENTS	INTERVAL		RECOVERY		COMMENTS	INTERVAL		RECOVERY		COMMENTS
From	To	m	%		From	To	m	%		From	To	m	%	
?	9.0	0.7	?		73.1	73.5	0.4	100		133.4	134.0	0.6	100	
9.0	11.8	1.2	43		73.5	76.5	2	100		134.0	136.0	2	100	
11.8	13.5	0.2	12		76.5	79.5	3	100		136.0	136.5	0.5	100	
13.5	16.5	1	33		79.5	82.5	3	100		136.5	137.8	1.3	100	
16.5	19.5	2.1	70		82.5	85.4	2.9	100		137.8	139.2	1.4	100	
19.5	22.5	1	33		85.4	88.5	3.1	100		139.2	141.0	1.8	100	
22.5	25.5	0.8	27		88.5	91.5	3	100		141.0	141.8	0.7	87	
25.5	28.0	0.5	20		91.5	94.5	3	100		141.8	142.8	0.7	70	
28.0	29.6	1.6	100		94.5	95.1	0.6	100		142.8	143.1	0.15	50	
29.6	31.5	1.9	100		95.1	96.3	1.2	100		143.1	144.1	1	100	
31.5	33.2	1.7	100		96.3	99.4	3.1	100		144.1	144.7	0.6	100	
33.2	35.2	3	100		99.4	100.5	1.1	100		144.7	145.5	0.8	100	
35.2	37.5	2.3	100		100.5	103.5	3	100		145.5	145.9	0.4	100	
37.5	39.0	1.5	100	Core tray size changes from HQ to NQ @ 39.0m	103.5	105.5	2	100		145.9	148.3	2.4	100	
39.0	40.5	0.6	40		105.5	106.5	1	100		148.3	149.2	0.7	78	
40.5	41.8	1.3	100		106.5	109.5	3	100		149.2	149.9	0.7	100	
41.8	42.7	0.9	100		109.5	112.5	3	100		149.9	150.8	0.9	100	
42.7	44.0	1.3	100		112.5	115.2	2.7	100		150.8	152.7	0.9	100	
44.0	44.6	0.6	100		115.2	117.9	2.7	100		152.7	153.3	0.4	67	
44.6	44.8	0.2	100		117.9	118.5	0.6	100		153.3	153.7	0.4	100	
44.8	45.3	0.5	100		118.5	120.7	2.2	100		153.7	154.5	0.8	100	
45.3	46.5	1.0	83		120.7	121.5	0.8	100		154.5	155.9	1.4	100	
46.5	47.4	0.9	100		121.5	122.2	0.3	43		155.9	156.8	0.9	100	
47.4	48.3	0.9	100		122.2	123.1	0.15	17		156.8	158.3	1.3	87	
48.3	49.5	1.2	100		123.1	124.3	0.8	67		158.3	160.6	2.3	100	
49.5	49.7	0.2	100		124.3	124.8	0.5	100		160.6	161.1	0.5	100	
49.7	52.5	2.8	100		124.8	125.5	0.4	57		161.1	162.9	0.5	28	
52.5	55.5	3	100		125.5	126.8	1.3	100		162.9	163.7	0.8	100	
55.5	58.5	3	100		126.8	127.6	0.8	100		162.7	164.4	1.7	100	
58.5	61.3	2.8	100		127.6	129.0	0.9	64		164.4	166.5	0.6	29	
61.3	64.5	3.2	100		129.0	129.6	0.6	100		166.5	167.0	0.3	60	
64.5	66.1	1.6	100		129.6	130.1	0.5	100		167.0	169.5	0.4	16	
66.1	68.3	2.2	100		130.1	130.9	0.8	100		169.5	170	0.5	100	
68.3	69.4	1.1	100		130.9	131.8	0.6	67		170	171.7	1.7	100	
69.4	70.0	0.3	50		131.8	132.6	0.6	75		171.7	172.5	0.8	100	
70.0	73.1	3.1	100		132.6	133.4	0.8	100		172.5	175	2.5	100	

