

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

418094

PROJECT: TYNDALL E.L. 9/66

HOLE NUMBER: HA. 7

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INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA (p.p.m)														
From	To	m	%		Sample No.	From	To	Rec. %	Au	Cu	Pb	Zn	Ag						
				Between 111.0 and 111.5, a finer grained sediment is replaced?															
				by bright red hematite-white quartz-black magnetite.	12693	91.0	93.0	100	<0.01	10	10	260	<1						
11.5	114.9	3.4	100	Pale green-pink fine-medium grained sub-aqueous bedded volcan-	12694	97.0	99.0	100	"	35	10	300	<1						
				iclastics poor in volcanic detritus. Hematitic beds (pink-															
				red) alternate with fine and medium grained chloritic-sericitic	12695	103.0	105.0	100	"	75	90	240	<1						
				beds. Minor cross-bedding occurs. Thin, pale brown sericitic															
				horizons are common. No pyrite occurs. A gradational contact	12696	109.0	111.0	100	"	65	170	460	1						
				into the unit below occurs.															
14.9	157.5	42.6	100	Dark grey, fine grained, sub aqueous bedded volcanoclastics	12697	115.0	117.0	100	"	110	420	2180	10						
				with darker coloured, elongate lithic clasts. Interbedded within															
				this are lenses of red, hematitic, coarser grained tuffaceous?	12698	121.0	123.0	100	"	35	270	1050	1						
				sediment. Soft sediment deformation features are common. The															
				dark lithics appear to be chloritic andesite lava fragments	12699	127.0	129.0	100	"	110	10	1250	1						
				and the hematitic beds are either ash showers into a sub-aqueous															
				environment or tuff rich sediments. Patches of grain-size	12700	133.0	135.0	100	"	90	570	700	2						
				variations occur with gritty beds of pink hematitic clasts															
				occurring. Calcite and minor quartz veins, intergrowths,	12701	139.0	141.0	100	"	65	210	980	<1						
				breccia zones and geode-like growths occur also. Very fine															
				grained disseminated pyrite is rare. Overall the unit is un-	12702	145.0	147.0	100	"	20	30	800	<1						
				fractured, strongly veined, weakly to moderately altered															
				(chlorite-sericite-hematite) and moderately foliated. The	12703	151.0	153.0	100	"	30	80	320	<1						
				bedding is 30-42°CA, averaging around 33° CA.															
				Below 144.0, the pink-red lenses and beds that were larger	12704	157.0	159.0	100	"	40	50	260	<1						
				than approx. 10cm wide, disappear. The thin lenses also become															
				less abundant. This unit grades into the one below.	12705	161.0	163.0	100	"	120	40	710	1						
57.5	171.0	13.5	100	Pale green fine grained sub-aqueous volcanoclastics, with numer-	12465	164.3	165.3	100	<0.01	165	100	200	<1						
				ous anhedral quartz crystals-colourless, up to 0.5cm across.	12466	165.3	166.3	100	<0.01	25	20	450	1						
				The pale green colour is due to an increased sericite content	12467	166.3	167.3	100	<0.01	210	210	1,580	1						
				producing a moderately altered rock overall. Thin lamellae	12468	167.3	168.3	100	<0.01	95	850	1,980	<1						
				and horizons of red hematite occur. With the increased alteration	12469	168.3	169.3	100	<0.01	65	760	1,070	<1						
				rank, pyrite is more common (although still 1% vol.). Some	12470	169.3	170.3	100	<0.01	50	320	570	<1						
				pyrite occurs as small round aggregates in distinct lenses.	12471	170.3	171.3	100	<0.01	55	200	570	<1						