

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

418094

PROJECT: TYNDALL E.L. 9/66

HOLE NUMBER: HA. 7 Page: 3.

L.V. PAGE

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- iclastics poor in volcanic detritus. Hematitic beds (pink- red) alternate with fine and medium grained chloritic-sericitic beds. Minor cross-bedding occurs. Thin, pale brown sericitic horizons are common. No pyrite occurs. A gradational contact into the unit below occurs.	12694	97.0	99.0	100	"	35	10	200	<1					
					12695	103.0	105.0	100	"	75	90	240	<1					
					12696	109.0	111.0	100	"	55	170	450	1					
14.9	157.5	42.6	100	Dark grey, fine grained, sub aqueous bedded volcaniclastics with darker coloured, elongate lithic clasts. Interbedded within this are lenses of red, hematitic, coarser grained tuffaceous? sediment. Soft sediment deformation features are common. The dark lithics appear to be chloritic andesite lava fragments and the hematitic beds are either ash showers into a sub-aqueous environment or tuff rich sediments. Patches of grain-size variations occur with gritty beds of pink hematitic clasts occurring. Calcite and minor quartz veins, intergrowths, breccia zones and geode-like growths occur also. Very fine grained disseminated pyrite is rare. Overall the unit is un- fractured, strongly veined, weakly to moderately altered (chlorite-sericite-hematite) and moderately foliated. The bedding is 30-42°CA, averaging around 33° CA.	12697	115.0	117.0	100	"	110	420	2180	10					
					12698	121.0	123.0	100	"	35	270	1050	1					
					12699	127.0	129.0	100	"	110	10	1250	1					
					12700	133.0	135.0	100	"	90	570	700	2					
					12701	139.0	141.0	100	"	65	210	880	<1					
					12702	145.0	147.0	100	"	20	30	800	<1					
					12703	151.0	153.0	100	"	30	80	320	<1					
				Below 144.0, the pink-red lenses and beds that were larger than approx. 10cm wide, disappear. The thin lenses also become less abundant. This unit grades into the one below.	12704	157.0	159.0	100	"	40	50	260	<1					
					12705	161.0	163.0	100	"	120	40	710	1					
57.5	171.0	13.5	100	Pale green fine grained sub-aqueous volcaniclastics, with numer- ous anhedral quartz crystals-colourless, up to 0.5cm across. The pale green colour is due to an increased sericite content producing a moderately altered rock overall. Thin lamellae and horizons of red hematite occur. With the increased alteration rank, pyrite is more common (although still 1% vol.). Some pyrite occurs as small round aggregates in distinct lenses.	12465	164.3	165.3	100	<0.01	165	100	200	<1					
					12466	165.3	166.3	100	<0.01	25	20	450	1					
					12467	166.3	167.3	100	<0.01	210	210	1,580	1					
					12468	167.3	168.3	100	<0.01	95	850	1,980	<1					
					12469	168.3	169.3	100	<0.01	65	760	1,070	<1					
					12470	169.3	170.3	100	<0.01	50	320	570	<1					
					12471	170.3	171.3	100	<0.01	55	200	570	<1					

