

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

418069

PROJECT: TYNDALL

HOLE NUMBER: LS. 10.

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LV. PRESS

INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA (p.p.m)														
From	To	m	%		Sample No.	From	To	Rec. %	Au	Cu	Pb	Zn	Ag						
02.4	224.5	22.1	100	Medium green crudely bedded tuffaceous units. A variety of interbedded lithologies occur, with fine grained pumiceous deposits through to coarse grained, gritty, crystal-lithic rich deposits. All units are moderately altered to chlorite-sericite-quartz, with very weakly developed pyrite and hematite. The rock is weakly foliated and unfractured. With increasing depth, the bedding contacts and bedding in general becomes more distinct. Below 213.0, the finer grained more foliated beds are moderately pyrite (approx. 2-3% vol.). Also the fine grained units are medium to pale green in colour. Pyrite rather than hematite becomes the iron-bearing phases at this point. After 219.0, minor chalcopyrite occurs with the pyrite. The last 5.0m of this unit is dominated by the finer grained tuffs. This unit appears to span the shallow aqueous to sub-aerial environments-possibly coinciding with the hematite-pyrite boundary.	12741	212.4	213.4	100	<0.01	160	110	2170	1						
					12742	213.4	214.4	100	0.21	3160	120	870	2						
					12743	214.4	215.4	100	<0.01	170	160	1230	2						
					12744	215.4	216.4	100	"	170	110	1860	1						
					12745	216.4	217.4	100	"	45	100	1790	1						
					12746	217.4	218.4	100	"	60	110	450	1						
					12747	218.4	219.4	100	"	200	120	4620	2						
					12748	219.4	220.4	100	"	840	180	2930	3						
					12749	220.4	221.4	100	"	105	60	470	1						
					12750	221.4	222.4	100	"	120	130	110	1						
					12751	222.4	223.4	100	"	200	50	500	1						
					12752	223.4	224.4	100	"	150	100	2070	2						
					12753	224.4	225.4	100	"	245	240	200	3						
					12754	225.4	226.4	100	"	150	130	1160	1						
					12755	226.4	227.4	100	"	120	100	1160	1						
					12756	227.4	228.4	100	"	40	140	2380	1						
					12757	228.4	229.4	100	"	115	230	4530	1						
				224.5-302.5 MODERATELY ALTERED, PYRITIC, SHALES, SUB-AQUEOUS VOLCANICLASTICS AND CHERTS.	12758	229.4	230.4	100	"	355	190	1380	1						
					12759	230.4	231.4	100	"	250	180	1060	1						
					12760	231.4	232.4	100	"	130	310	2500	1						
24.5	231.5	7.0	100	Dark grey-green pyritic shales. Moderately to strongly fractured slightly graphitic? shales with bedding - foliation at 30° CA. The rock is moderately altered with abundant chlorite. The pyrite occurs as veinlets along bedding plan fractures. The contact with the tuffaceous sediments above is sharp, whereas the lower contact is entirely gradational. Pyrite is approx. 2% vol. Metamorphic veining is absent.	12761	232.4	233.4	100	"	75	240	2320	1						
					12762	233.4	234.4	100	"	270	980	10,600	1						
					12763	234.4	235.4	100	"	105	670	4720	2						
					12764	235.4	236.4	100	"	255	470	31950	2						
					12765	236.4	237.4	100	"	255	190	2060	3						
					12766	237.4	238.4	100	"	255	90	1390	2						
					12767	238.4	239.4	100	"	140	70	1040	3						
					12768	239.4	240.4	100	"	720	80	1250	2						
31.5	245.9	14.4	100	Medium grey-green very fine-grained pyritic tuffaceous sediment. Moderately altered to chlorite-sericite with a weak foliation-bedding cleavage developed. Pyrite and brown (pale) sericite occur in these fractures and pyrite also occurs in large (5cm across) semi-massive patches. This unit is still quite shale-like. Pyrite is 2-3% vol. Minor chalcopyrite is present. Thin (less than 1.0 cm thick) graded beds run at 30° CA. The quartz-	12769	240.4	241.4	100	0.02	4720	50	1660	4						
					12770	241.4	242.4	100	<0.01	5260	60	1340	4						
					12771	242.4	243.4	100	<0.01	4910	100	1330	2						
					12772	243.4	244.4	100	0.07	7200	260	4160	5						
					12773	244.4	245.4	100	0.09	2,150	210	2,750	4						
					12774	245.4	246.4	100	0.06	1,810	50	1,100	2						