

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

418112

PROJECT: TYNDALL

HOLE NUMBER: JP3

Page: 4.

V. PRESS

INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA (p.p.m)														
From	To	m	%		Sample No.	From	To	Rec. %	Au	Cu	Pb	Zn	Ag						
				rock is strongly but patchily sericitised. This unit appear to grade into ore below.	12501	199.0	200.0	100	<0.01	25	<10	30	3						
					12502	200.00	201.0	100	<0.01	40	20	50	2						
					12503	201.0	202.0	100	<0.01	35	40	30	1						
				212.2-267.7 HIGHLY CHLORITIC VOLCANICLASTICS WITH MINOR CHALCOPYRITE MINERALISATION. A SHEARED ZONE EXISTS ON THE UPPER CONTACT.	12504	202.0	203.0	100	<0.01	175	50	90	2						
					12505	203.0	204.0	100	<0.01	30	10	40	1						
					12506	204.0	205.0	100	<0.01	30	20	40	2						
12.2	213.6	1.4	100	Pale green-brown, moderately sheared, weakly weathered, fine grained volcaniclastic with numerous small (1-2mm) quartz fragments. The unit is sericitised, moderately fractured and is limonitic, with dendritic black manganese developed. The limonite shows up the foliation and shearing planes. A clayey pug is also developed. Large, irregular shaped lithic fragments also occur. The shearing is at 35° CA. A sharp break in the alteration style occurs between this unit and the one below.	12507	205.0	206.0	100	<0.01	60	40	50	2						
					12508	206.0	207.0	100	<0.01	40	30	40	<1						
					12509	207.0	208.0	100	<0.01	415	150	170	2						
					12510	208.0	209.0	100	<0.01	55	40	90	1						
					12511	209.0	210.0	100	<0.01	45	40	80	1						
					12512	210.0	211.0	100	<0.01	30	20	50	1						
					12513	211.0	212.0	100	<0.01	35	50	80	1						
					12514	212.0	213.0	100	<0.01	120	920	90	3						
					12515	213.0	214.0	100	<0.01	1130	340	280	2						
13.6	267.7	54.1	100	Dark green-grey-black, strongly chloritic volcaniclastic (predominantly ash, although patches of highly altered lava may be present) containing quartz and lithic (lava?) fragments. The strong chloritic nature of the rock obscures the primary features of the unit. The rock is weakly sheared over the first 3-4m.	12516	214.0	215.0	100	0.02	2920	20	410	3						
					12517	215.0	216.0	100	0.03	7000	20	460	4						
					12518	216.0	217.0	100	<0.01	2560	50	550	1						
					12519	217.0	218.0	100	0.06	7500	650	530	3						
					12520	218.0	219.0	100	0.16	9500	950	440	3						
					12521	219.0	220.0	100	0.11	2150	130	480	<1						
				After 214.0, sulphides in the form of chalcopyrite and minor pyrite occur, probably around 0.5% by vol. The sulphides occur mainly as wispy shaped, coarse disseminations and with numerous quartz stockwork/breccias and veins (all 10cm wide). This quartz development which begins to occur below 218.0, is a replacement feature. The veins and breccia/stockworks are irregular in shape and attitude, but are generally steeply dipping. The rock is not foliated apart from the sulphides sometimes occurring as weakly sheared out stringers.	12522	220.0	221.0	100	0.04	6800	170	410	3						
					12523	221.0	222.0	100	0.32	10200	310	460	5						
					12524	222.0	223.0	100	0.11	12,200	1370	420	6						
					12525	223.0	224.0	100	0.04	3,250	1,340	420	2						
					12526	224.0	225.0	100	<0.01	5,700	1160	360	2						
					12527	225.0	226.0	100	0.04	3,330	20	450	2						
					12528	226.0	227.0	100	0.05	7,710	20	420	<1						
					12529	227.0	228.0	100	0.02	2,160	20	380	<1						
					12530	228.0	229.0	100	<0.01	2,110	50	350	<1						
				The fragments in the volcaniclastics include pink hematitic lavas larger dark green chloritic lavas? as well as the quartz fragment. Diffuse pale red-pink hematite alteration also occurs as patches possibly representing larger lava blocks.	12531	229.0	230.0	100	0.06	270	70	330	<1						
					12532	230.0	231.0	100	0.05	3,810	80	260	1						
					12533	231.0	232.0	100	0.06	3,580	80	300	<1						
					12534	232.0	233.0	100	<0.01	1,620	50	270	<1						
				Below 234.0, the quartz stockworking/brecciation disappears.	12535	233.0	234.0	100	<0.01	2,510	80	200	<1						