

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

418105

PROJECT: TYNDALL E.L. 9/66

HOLE NUMBER: HFZ 12

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V. PRESS

INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA												
From	To	m	%		Sample No.	From	To	Rec. %	Cu	Pb	Zn	Ag	Au(AAS)	Au(FA)	Au(FA)	Au(FA)	Ba
				Extremely fractured and broken. Schistosity 25°/LCA @ 337.1m.	12038	354	356		240	18	120	<1	<0.05				240
				372.2-329.2m : 5-10% py, trace sp-gn-cp.	12039	356	358		100	18	80	<1	<0.05				200
				329.2-337.4m : minor py.	12040	358	360		200	38	80	1	<0.05				240
				337.4-339.6m : 5% py in thin stringers parallel to LCA.	12041	360	362		70	22	85	<1	<0.05				
					12042	362	364		100	16	80	1	<0.05				
39.6	349.3	9.7	100	HIGHLY SULPHIDIC SILICEOUS BRECCIA	12043	364	366		18	34	80	2	<0.05				
				Creamy grey.	12044	366	367.55		70	50	40	2	<0.05				
				Siliceous clasts (angular to subrounded) to 30mm, av < 10mm, in	12045	367.55	368		1.90%	2.40%	8000	51	0.60	0.40	0.39	0.38	200
				sericitic siliceous and sulphidic matrix. Some sulphides in clasts,	12046	368	370		42	200	60	6	<0.05				
				which also incl other varieties of volcanics eg. feld porph.	12047	370	372		32	90	48	2	<0.05				
				Disrupted beds of chert @ 345.2m 20°/LCA. Badly broken in places	12048	372	374		14	18	26	1	<0.05				
				by schistosity 15°/LCA.	12049	374	376		16	44	30	1	<0.05				
				Py av 10-20%. 2-5% gn-sp-cp 342-345.7m.	12050	376	378		16	46	18	5	<0.05				880
					12051	378	380		12	16	38	3	<0.05				
49.3	378.5	28.9	99	SILICIFIED SULPHIDIC VOLCANICLASTIC SEDIMENTS-BRECCIAS, CHERTS,	12052	380	382		10	14	32	1	<0.05				
				TUFFACEOUS SEDIMENTS	12053	382	384		10	16	24	<1	<0.05				
				Creamy pink and grey.	12054	384	386		10	38	70	<1	<0.05				
				Much disruption and brecciation of soft-sediment type.	12055	386	388		8	12	24	<1	<0.05				540
				Abundant lithic volc clasts, angular to subrounded, up to 100mm	12056	388	389.25		6	6	16	<1	<0.05				
				av < 20mm. Clasts gen siliceous-cherts and tuffaceous seds-similar	12057	389.25	390.5		8	14	20	<1	<0.05				
				to adjacent beds, but some variations eg: qtz porph or feld porph.	12058	390.5	392		8	16	36	<1	<0.05				
				Matrix composed of grains and xyls of qtz, small lithics, glass	12059	392	394		10	16	155	<1	<0.05				
				and sulphides.	12060	394	396		16	12	32	<1	<0.05				290
				Beds of chert, waterworked sandy volcanoclastics and tuffaceous	12061	396	398		12	20	44	<1	<0.05				
				sulphidic siltstone. Some semi-massive pyritic 'mud' of syngenetic	12062	398	400		200	30	44	<1	<0.05				340
				origin.	12063	400	402		32	16	22	<1	<0.05				
				Qtz phenos, euhedral to rounded, throughout, to 4mm av < 1mm. Some	12064	402	404		70	10	34	<1	<0.05				
				feld xyls to 4mm, av 1-2mm.	12065	404	406		120	16	65	<1	<0.05				
				Very strong chalcedonic silicification-prob of hydrothermal origin.	12066	406	408		100	10	50	<1	<0.05				
				Strong carb' (-some massive-limestone?), strong ser, weak chlor.	12067	408	410		18	12	22	<1	<0.05				
				Bedding: 10°/LCA @ 350.2m, 10°/LCA @ 361.7m, 30°/LCA @ 369m.	12068	410	412		420	6	30	<1	<0.05				480
				Badly broken in places to 361m.	12069	412	414		210	12	32	<1	<0.05				
				349.3-365.55m : 5% dissem py, minor cp (locally 1%), trace gn-sp.	12070	414	416		170	12	46	<1	<0.05				
				365.55-367.65m: 20% py, minor cp. Zones of finely banded sulphidic	12071	416	418		280	8	44	<1	<0.05				
				'mud' 25°/LCA.	12072	418	420		1300	12	95	<1	<0.05				410