GOLD FIELDS EXPLORATION PTY. LIMITED

418106

LV. PRESS

PROJECT: TYNDALL E.L. 9/66

DRILL CORE LOG AND ASSAY DATA

HOLE NUMBER: HFZ 12

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION
				367.65-368.05m : 40% py, 10% cp-sp-gn. Semi-massive sulphides
				banded 20°/LCA.
				368.05-378.5m : 10-20% py. Minor cp. Some sulphide mud; rest in
				breccia matrix.
78.5	433.5	55.0	100	SILICIFIED QUARTZ PORPHYRITIC VOLCANIC (SILICEOUS BRECCIA?)
				Light red to creamy-grey.
				Evenly distributed porph qtz (to 4mm, av < 1mm, mostly euhedral)
				and pink feld (to 4mm, av 1-2mm), in massive siliceous rock. Below
				422m some of the porph qtz is rounded or fragmented.
				Mostly massive, with indistinct breccia text in places. Some zones
				of sedimentary breccia with lithic volcanic clasts,-bedding in
				one of these 35°/LCA @ 385.5m.
				V. strong silif, strong ser and pot, mod patchy chlor-latter in
				stockwork of thin veinlets and in matrix of breccia zones, inc
				below 415m. Silif grey and white chalcedonic type. Py patchy up
				to 3%, av 1%. Minor cp, gen assoc with chlor.
				418-424m: 1% cp>py. 424-433.5m: 1% cp=py.
33.5	457.8	24.3	100	SILICIFIED SULPHIDIC VOLCANICLASTIC SEDIMENTS -BRECCIAS, CHERTS,
				TUFFACEOUS SEDIMENTS
				Transitional change from above.
				Grey and cream.
				Alt has oblit rock text to large degree. Variable rock types :
				xyl-lithic sed breccias (fi gr silic clasts av 5mm), cherts, tuff-
				aceous siltst, qtzose tuffaceous sst, also qtz-porph volcanic
				as above. All units variably sulphidic (see below).
				Silif v. strong to intense - grey and white chalcedonic type.
				Strong ser, patchy carb.
				Bedding: 438.5m 25°/LCA, 450m 20°/LCA, 457m 25°/LCA.
				433.5-439.3m : 2-3% py, rare cp-sp-gn (excl. 435.5-435.75m : fi
				gr sulph tuff 20°/LCA 40%,py).
				439.3-451.6m : 5-20% py, inc with depth. Av 10-15%. Dissem.
				451.6-452.05m : Semi-massive py (40%) + 10% cp> gn-sp in grit.
				452.05-454.5m : 10-20% py, 2-3% cp>sp-gn. Batchelorite @ 453.7m.

ASSAY DATA

Sample No.	From	To	Rec. %	Cu	Pb	Zn	Ag	Au(AAS)	Au(FA)	Au(FA)	Au(FA)	Ba
12073	420	422		520	10	60	<1	<0.05				500
12074	422	424		1100	16	110	1	<0.05				440
12075	424	426		200	14	60	<1	<0.05				
12076	426	428		75	12	42	<1	<0.05				
12077	428	430		250	14	44	<1	<0.05				
12078	430	432		170	12	55	1	<0.05				
12079	432	434		190	10	42	<1	<0.05				
12080	434	436		22	22	75	<1	<0.05				310
12081	436	438		20	12	20	<1	<0.05				
12082	438	440		10	10	24	<1	<0.05				
12083	440	442		8	14	70	<1	<0.05				
12084	442	444		6	8	26	<1	<0.05				
12085	444	446		8	12	110	<1	<0.05				
12086	446	448		6	10	100	1	<0.05				
12087	448	450		18	44	60	5	<0.05				
12088	450	451.5		90	160	46	3	<0.05				
12089	451.5	452.5		1.20%	4300	3200	23	1.10	1.37	0.73	0.85	250
12090	452.5	454		4100	870	790	5	0.60	0.53	0.49	0.52	430
12091	454	456		210	80	28	1	0.85	0.76	0.87	0.72	195
12092	456	457.8		310	230	34	2	0.20	0.38			195
12093	457.8	460		34	6	38	<1	<0.05				
12094	460	462		16	8	38	<1	<0.05				
12095	462	464		2	4	20	<1	<0.05				
12096	464	466		65	12	20	<1	<0.05				
12097	466	468		140	6	16	1	<0.05				65
12098	468	469.5		60	<4	20	<1	<0.05				