418074

GOLD FIELDS EXPLORATION PTY. LIMITED

DRILL CORE LOG AND ASSAY DATA

PROJECT: TYNDALL E.L. 9/66 HOLE NUMBER: LS. 9 Page: 3.

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION	Sample No.	From	To	Rec. %	Au	Cu	Pb	Zn	Ag	Ba
				base, esp bellow 185.2m.										
				Sedimentary character clearer than before, with increased water-										
				working and grading of beds (consistently facing downhole).										
				Abundant qtz xyls and grains (some Pt?).										
				Alt mod-ser. chlor, and mod to intense patchy silif (incl horn-										
				felsing?) in irreg bands - some possibly orig chertiness. Hem.										
				assox. with silif.										
				Much brecciation and fracturing esp in silif zones with hem mat-										
				rix-much is intraformational.										
				Bedding: 53°/LCA @ 149.3m, 55°/LCA @ 168.8m, 40°/LCA @ 191m.										
				Bedding often lensey and disrupted.										
				Badly fractured 152.5-154.5m, 163-169m (vughs after carb veins?).										
				Fault 35°/LCA 184.8-185.2m.										
				134.1-185.2m: 5% hem (locally 40%), minor mag, trace py, rare cp.										
				185.2-189.3m: 5% mag hem.										
				189.3-193.2m: 1-2% py, 50mm near-massive py at base.										
93.20	229.5	35.7	98	VITRIC VOLCANICLASTIC SEDIMENT (CRYSTAL-LITHIC GRIT).	12478	193.20	195.0	100	<0.01	70	290	150	41	910
				Light to dark green.	12479	195.0	197.0	100	<0.01	110	110	120	41	1140
				Fine grit with much sandy to silty vitric matrix, and many silty	12780	197.0	199.0	100	<0.01	15	20	110	41	1170
				intercalations.	12781	199.0	201.0	100	<0.01	245	60	450	1	1490
				Minor qtz xyls throughout (to 8mm, av 1-2mm), becoming larger and										
				more abundant in zones below 223.2m - transition zone to next unit.										
				Abundant feld xyls. Subangular lithic volcs, incl pumice, to 15mm	12482	208.65	209.75	100	<0.01	215	140	170	3	420
				av 2mm.	12483	209.75	212.0	100	<0.01	75	20	300	41	1190
				Bedding poorly developed or absent (43°/LCA @ 200.5m, 48°/LCA @	12484	212.0	214.0	100	<0.01	95	60	230	41	1440
				220m). Reworking minimal - some frags are angular and xyls euhed-	12485	214.0	216.0	100	<0.01	195	40	220	41	1030
				ral. Some brecciation as before.										
				Mod-strong chlor, mod ser, Wk patchy 'pot' alt + assox silif.										
				Minor broken zones above 212m. Fault 194.5m. Shear 50°/LCA @ 196.95m.										
				V. variable mag & py assoc. with chlor. as stringers, irreg. semi-										
				massive bands and dissem.										
				193.2 - 200.5m : 7% mag, 2% py, minor cp.										
				200.5 - 200.75 : 20% py, 10% mag.										
				200.75 - 208.65m : 1% py, 1-3% mag.										