418109

GOLD FIELDS EXPLORATION PTY. LIMITED

DRILL CORE LOG AND ASSAY DATA

LV. PRESS

PROJECT: TYNDALL

HOLE NUMBER: JP3

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION	ASSAY DATA Sample No.	From	To	Rec. %
				SUMMARISED LOG				
0.0	45.6	42.4	93	CHLORITIC-SERICITIC PYROCLASTICS CONTAINING QUARTZ CRYSTALS, LITHIC FRAGMENTS AND A FEW PIECES OF LAVA. THE UNIT IS MASSIVE AND MODERATELY WEATHERED.				
45.6	212.2	166.6	100	AUTOBRECCIATED RHYODACITIC LAVAS AND PYROCLASTICS. THE LAVAS ARE QUARTZ-FELDSPAR PORPHYRITIC. ASH HORIZONS OCCUR. THE PYROCLASTICS CONTAIN QUARTZ AND LITHIC FRAGMENTS. OVERALL, ALTERATION IS WEAKLY DEVELOPED, BEING PREDOMINANTLY CHLORITE-HEMATITE. THE UNIT IS INCIPINETLY WEATHERED.				
12.2	267.7	55.5	100	HIGHLY CHLORITIC VOLCANICLASTICS CONTAINING QUARTZ CRYSTALS AND MINOR LAVA FRAGMENTS. A WELL DEVELOPED SHEAR ZONE/FAULT OCCURS ON THE UPPER CONTACT. CHALCOPYRITE, WHICH IS MORE ABUNDANT TOWARDS THIS STRUCUTRE, OCCURS AS COARSE DISSEMINATIONS AND IS ASSOCIATED WITH QUARTZ STOCKWORKS, BRECCIAS AND VEINS. OVERALL, HIGHLY ALTERED.				
67.7	351.0	83.3	100	AUTOBRECCIATED RHYODACITIC LAVAS AND VOLCANICLASTICS. ASH HORIZONS ALSO OCCUR. STRONG HEMATITE-CHLORITE-SILICA ALTERATION IS DEVELOPED. MINOR SULPHIDES, MAINLY AS CHALCOPYRITE OCCUR IN SECONDARY QUARTZ VEINS. TWO INTENSELY WEATHERED ZONES ARE PRESENT AT THE BASE OF THIS UNIT. OVERALL, MODERATELY ALTERED.				
				DETAILED LOG				
				0.0-45.6 MODERATELY ALTERED PYROCLASTICS CONTAINING NUMEROUS QUARTZ CRYSTALS.				
0.0	45.6	42.4	93	Brown-grey, moderately weathered, quartz phyric ash. Overall weakly altered with quartz crystals (average size, 2mm) in a dark grey greenish, chloritic-sericitic matrix. Limonite is abundant as a pervasive brown stain and as very dark veins				