GOLD FIELDS EXPLORATION PTY. LIMITED

DRILL CORE LOG AND ASSAY DATA

PROJECT: GRAND PRIZE E.L. 42/71 HOLE NUMBER: G.P. 7 Page: 2.

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION	ASSAY DATA Sample No.	From	To	Rec. %
				matrix of the siltstone has a variable carbonate content from 283.0m to 330.0m. At 238.0-238.2m and 259.1-259.4m a grey well bedded carbonate rich siltstone with well developed black stylolites occurs. The carbonate is partially replaced by framboidal pyrite grains at 238.1m. Numerous calcite veins and veinlets occur where the matrix of the siltstone has a higher carbonate content. Coarser veins also contain brown sphalerite and pyrite mineralization. The calcite veinlets increase in pyrite content down hole and from 350m micro-fractures consist of pyrite only. Pyrite which occurs as thin laminae along bedding planes is probably syngenetic, however coarse grained fromboidal pyrite found at 136.5-140.0m and 353.5-359.4m has probably been remobilised. Narrow beds of polymict conglomerate occur increasingly downhole from 317.0m. The conglomerate consists of large rounded to sub rounded clasts of chert, coarse grained sandstone and grit, carbonate rich siltstones, basalt, black shale and carbonate (which has been recrystallised to coarse grained calcite). Partial alteration of other clasts also occurs. The matrix varies from recrystalized calcite to fine black siltstone. Some partial rimming of clasts by pyrite occurs. The conglomerate horizons occur at 317.0-317.3m, 322.0-322.1m, 335.3-335.5m, 338.8-339.2m, 229.9-340.1m, 341,4-341.8m, 342.9-343.6m, 344.3-334.4m, 345.6-345.9m, 356.9-357.0m.				
				152.4-153.8m : Broken Zone.				
				162.4-163.5m : Broken Zone				
				248.5-248.7m, 250.9-251.3m, 258.8-259.0m. Zone of intense calcite veins associated with brecciated country rock.				
				353.2-355.5m : Broken Zone				
				358.8-359.1m : Broken Zone.				
				Petrological Description 238.0m.				
				Classification - Composition				
				Impure Limestone. Microcrystalline calcite with pervasive				