650385

GOLD FIELDS EXPLORATION PTY. LIMITED

DRILL CORE LOG AND ASSAY DATA

PROJECT: GRAND PRIZE E.L. 42/71

HOLE NUMBER: GP6

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION	ASSAY DATA Sample No.	From	To	Rec. %
				conglomeratic. Silty to featureless matrix.				
				Accessories				
				Minor clastic silt- to sand-sized subangular quartz grains.				
				Comments				
				Polymict conglomerate with a composite silty clastic to "authigenic" chloritic matrix. Clasts apparently largely reworked Crimson Creek Formation.				
95.7	186.0	89.2	99	INTERBEDDED CONGLOMERATE AND GREYWACKE - Fernfields Formation.				
				The greywacke is green, with interbedded green siltstone and fine grained graded grit horizons. Thinner grit beds are distinctly lenticular and are associated with scour and fill structures. and minor soft sedimentary deformation. Minor disseminated pyrite occurs only in the grit horizons. Downhole the grit beds increase in thickness from 1cm to 1 metre.				
				The conglomerate is matrix poor, containing angular to sub-rounded clasts of grit, chert (pink, pale green and white), siltstone and minor rhyolitic tuff. The size of the chert clasts are uniform at 3-10mm but clasts of other composition vary from 5-60mm. Downhole from 137.0m there is an increase in the chert clast component of the conglomerate horizons. From 172.7-186.0m Clasts are larger and more rounded with some weathered out clasts (after carbonate) containing remnant actinolite infilling.				
				103.5-103.6m:minor vein of black actinolite and quartz with tourmaline?				
				107.7-107.75m : minor fault? showing slickenside surfaces.				
				111.3-117.2m : zone of veins and veinlets (5-30mm) of quartz, pyrite and chlorite.				
186.0	437.0	242.3	96.5%	GREYWACKE - Brewery Junction				