418070

GOLD FIELDS EXPLORATION PTY. LIMITED

LV. PRESS

PROJECT: TYNDALL

DRILL CORE LOG AND ASSAY DATA

HOLE NUMBER: LS. 10

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION
				albite veins are absent.
45.9	302.5	56.6	100	A sequence of alternating cream-pale brown cherty-chalcedonic sediments and dark green medium-fine grained tuffaceous sediments. Both rock types are moderately to strongly pyritic, overall approx. 5% vol however with increasing depth this figure increases to -15%. The paler colour sediments appear to consist of massive cryptocrystalline quartz, with minor pyritic blebs selectively replacing impurities in the chert. Also thin pale brown sericitic joints occur, and the cherty beds often continuous over several metres, contains thin beds of the green chloritic tuffaceous sediment. This latter rock type is slightly more pyritic as disseminations. It also contains coarser grained lenses and quartz crystals in places. Both units are foliated moderately strongly - in places the foliation causes thin interbeds of the two units to appear brecciated. Minor chalcopyrite is present also. With depth, the cherty sediments become less pure and as a result become more sericitic and pale brown in colour. The core is unfractured and the metamorphic veins are not present. Bedding is variable approx. 20° to 40° CA but predominantly at 30° CA. Patches occur (usually approx. 10cm wide) where the pyrite content increases to approx. 20-30%. These occur in both rock types. Between 289.6 and 290.7, a semi-massive vuggy zone of pyrite occurs in the green tuffaceous sediments. Below 294.6, quartz veining in the chloritic tuffaceous sediments occurs.
				END OF HOLE 302.5m.

ASSAY DATA (p.p.m)

Sample No.	From	To	Rec. %	Au	Cu	Pb	Zn	Ag
12775	250.4	252.4	100	<0.01	220	10	150	1
12776	256.4	258.4	100	"	1060	20	540	2
12777	262.4	264.4	100	"	460	20	190	<1
12778	268.4	270.4	100	"	50	<10	40	1
12779	274.4	276.4	100	"	50	20	140	<1
12780	280.4	282.4	100	"	100	30	550	<1
12781	286.4	288.4	100	0.02	115	180	510	<1
12782	292.4	294.4	100	<0.01	305	70	530	<1
12783	298.4	300.4	100	"	295	10	180	<1