GOLD FIELDS EXPLORATION PTY. LIMITED

DRILL CORE LOG AND ASSAY DATA

PROJECT: GRAND PRIZE E.L. 42/71

HOLE NUMBER: G.P. 7 Page: 7.

ULV. PRESS

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION
				100 u. Cassiterite is free of inclusions, only incipiently sulphide locked and represents the only tin mineral detected.
390.2	433.5	42.8	99	Altered Basic Volcanics
				Blue grey fine to coarse grained basic volcanic with variable (patchy to total) chlorite actinolite alteration. Also includes zones of brecciated agglomerate/tuff? which are extensively actinolised. A spilitic origin is indicated in the upper part of the sequence by the presence of rounded altered sedimentary clasts within fine grained tuffaceous? matrix e.g. 394.3-394.5m. However variable grainsize, brecciation and presence of relict primary chromatiferous magnetite indicate a multiple intrusive gabbro micro gabbro within the lower part of the intersection. In detail:
				390.2-395.7m : Fine grained basic volcanic with breccia and tuffaceous? agglomerate/conglomerate zones.
				Petrological Description 390.8m.
				Classification - Composition
				Altered ?Microgabbro. Pale green tremolite-actinolite with subordinate Mg-chlorite and irregular patches of tremolite-stained quartz. Thinly disseminated fine-grained magnetite.
				Fabric
				Featureless to vaguely relict "dolerite"-textured. Locally brecciated/chlorite-healed.
				Accessores
				Traces of green schlorl, fine cloudy sphene.
				Comments
				Interpreted as a thoroughly tremolitised microgabbro on relict textural grounds. Finer detail obscured by pervasive alteration, patchy chloritisation.

ASSAY DATA

Sample No.	From	To	Rec. %	Sn	Sn(sol)	As	WO_3	Cu	Pb	Zn	Ag	Bi
7791	390.2	391.2	100	160	<50	50	10	60	50	200	<1	<10
12882	399.2	400.2	100	10	<100	<10	40	35	30	380	<1	<10
12883		401.2	100	10	<100	10	10	41	40	180	<1	<10
12884		402.2	100	10	<100	<10	30	45	50	160	<1	<10
12885		403.7	100	<10	<100	<10	10	20	30	150	<1	<10
12886		404.7	100	10	<100	<10	10	50	50	130	<1	<10
12887		405.7	100	20	<100	10	40	35	110	340	1	<10
12888		406.7	100	<10	<100	<10	10	30	50	210	<1	<10