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GOLD FIELDS EXPLORATION PTY. LIMITED
DRILL CORE RECORD

HOLE NO.	B.T. 156
STATE	TASMANIA

PROJECT	BLUE TIER
DESIGNED BY	P.A. ROBERTS
LOGGED BY	A.J. CARTWRIGHT
COMMENCED	10-7-82
COMPLETED	14-7-82

PURPOSE

To test for the possible existence of unexposed Alkali Granite in the Michael Moon Area.

LOG SUMMARY	0 - 26.20	WEATHERED POIMENA ADAMELLITE
	26.20 - 93.30	WEAKLY ALTERED POIMENA ADAMELLITE.
GENERAL COMMENTS		

ASSAY SUMMARY

INTERVAL From	INTERVAL To													COMMENTS

LOCATION

NORTHING	8750.8
EASTING	4762.2
R.L.	769.1
GRID	A.M.
LENGTH	93.30

HOLE CONDITION

SIZE	
Hole Size	Depth
HAMMER	0-25
BY	25-93.30

SIGNIFICANT CORE LOSS INTERVALS		
From	To	% Lost

POOR GROUND CONDITION ZONES		
From	To	Condition

HOLE CONDITIONS AFTER COMPLETION

SURVEY DATA (Note: Bearing type must be same as Project Grid Type)

SURVEY Depth	SURVEY Bearing	SURVEY Dip	INTERVAL From	INTERVAL To	INTERVAL Distance	VERTICAL D. Sin. Dip	VERTICAL R.L.	HORIZONTAL D. Cos. Dip	HORIZONTAL Prog. Total
0		90.0	0	46.5	46.5	46.5	772.6		
93		88.8	46.5	93.3	46.8	46.8	676.8		

SURVEY Depth	SURVEY Bearing	SURVEY Dip	INTERVAL From	INTERVAL To	INTERVAL Distance	VERTICAL D. Sin. Dip	VERTICAL R.L.	HORIZONTAL D. Cos. Dip	HORIZONTAL Prog. Total

9571160

HOLE NO. **BT 156**

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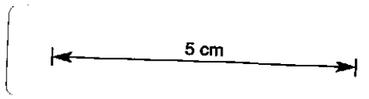
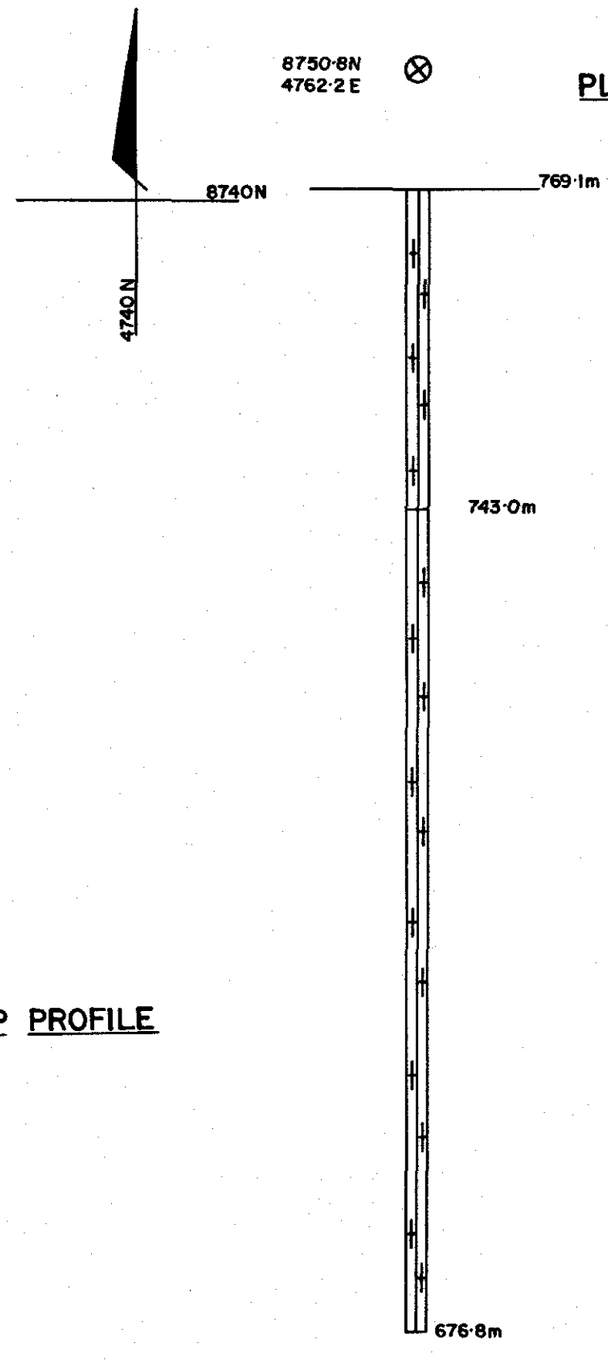
DIAMOND DRILL HOLE PLOT

SCALE 1:





657161

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PROJECT: BLUE TIER

DRILL CORE LOG AND ASSAY DATA

HOLE NUMBER: B.T. 156 Page 1

INTERVAL		RECOVERY		DESCRIPTION
From	To	m	%	
				SUMMARISED LOG
0	26.20			VARIABLY WEATHERED POIMENA ADAMELLITE
26.20	93.30			WEAKLY ALTERED POIMENA ADAMELLITE
				DETAILED LOG
				0-26.20 VARIABLY WEATHERED POIMENA ADAMELLITE
0	26.20	16.20		Moderately weathered pale-brown grey granite. A weakly developed limonite clay becomes weaker down hole as does the degree of weathering. Feldspar phenocrysts are weathered to white clays, biotites occur in small clusters. Fracturing is moderate to strong with limonite coatings.
				26.20-93.30 WEAKLY ALTERED POIMENA ADAMELLITE
26.20	31.65	5.45	100	Pink grey granite with greenish tinge. Pink feldspar phenocrysts, pale green and yellow sericite. Moderately porphyritic, medium grained and weakly fractured. Increasing down hole to a pale green clay zone, are sericite and fracturing. Moderately altered. At 28.80, a 1.0m zone of clay with minor quartz and feldspar. The clay appears to be talc-like.
31.65	39.90	8.25	100	Pale pink green-grey granite, moderately-weakly fractured, medium grained and weakly altered. Sericite is incipiently developed and minor limonite occurs on joints. Patches of stronger alteration produce deep pink, increased sericite and replacement of biotites.
39.90	47.30	5.10	69	Pink-pale green granite, highly fractured with numerous small muscovite flakes and limonite on joint faces. Rock is incompetent in places, modal biotite is decreased. Large 2-3cm thick quartz veins at low CA angles occur.

ASSAY DATA																	
Sample No.	From	To	Rec. %														

6716.64

GOLD FIELDS EXPLORATION PTY. LIMITED

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PROJECT: BLUE TIER

DRILL CORE LOG AND ASSAY DATA

HOLE NUMBER: B.T.156 Page: 2.

INTERVAL From	INTERVAL To	RECOVERY m	RECOVERY %	DESCRIPTION
47.30	60.00	12.70	100	Pink-yellow granite changing to reddish-grey granite. Medium grained and porphyritic with pink feldspar phenocrysts and yellow sericite patches; becoming rare after 49.0m. Red hematite becomes abundant; weakly fractured with a few highly fractured sericite rich 10-20cm lenses. At 55.0°, a 2cm thick quartz vein at 10°CA, surrounded by quartz-biotite-muscovite altered zone 2-3cm wide. At 57.30, a 10cm coarse grained pegmatite underlain by a 60cm fine grained aplite.
60.00	65.30	5.30	100	Grey granite, coarse grained and porphyritic with a slight green brown colour due to sericite. Very weakly fractured with thin pale green sericite coatings.
65.30	74.40	9.10	100	Pink green grey granite, medium-coarse grained, porphyritic, moderately fractured in places, otherwise unfractured. Slightly pegmatitic, with a few large (3-4cm) mafic clots: Yellow-brown sericite is common on joints.
74.40	82.80	8.40	100	Fresh greenish grey granite. Biotite is abundant, sericitised feldspars are not. Unfractured, medium-coarse grained and moderately porphyritic.
82.80	85.00	2.20	100	Pink colour increases, as does yellow sericite and fracturing, to produce a crumbly, highly fractured, clay rich rock for 0.5m at 83.70..
85.00	93.30	8.30	100	Fresh grey granite with minor greenish tinge. Large feldspar phenocrysts are white, small feldspar phenocrysts are pale green. Very weakly fractured, coarse grained and porphyritic. From 90.80 to 92.80, disseminated fluoritic quartz phenocrysts occur. END OF HOLE 93.30

ASSAY DATA Sample No.	From	To	Rec. %

65-1156