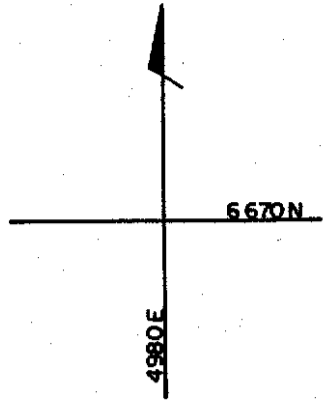


66943 N
5003-9 E



PLAN



499.6 m R.L.

460.2 m R.L.

HOLE NO. BT 150

GOLD FIELDS EXPLORATION PTY. LIMITED
DIAMOND DRILL HOLE PLOT

DIP PROFILE

SCALE 1:



5 CM

328.6 m R.L.

308.6 m R.L.

657136



GOLD FIELDS EXPLORATION PTY. LIMITED
DRILL CORE LOG AND ASSAY DATA

PROJECT: BLUE TIER

HOLE NUMBER: B.T. 150

Page: 1.

ULV. PRESS

INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA													
From	To	m	%		Sample No.	From	To	Rec. %										
				0-39 WEATHERED AND SLIGHTLY WEATHERED POIMENA ADAMELLITE.														
0	22	22		Orange-brown weathered granite. Large white feldspar phenocrysts, some weathered to white clays, black biotites and Fe-oxide stained quartz are the main minerals.														
22	26	4		Grey-orange slightly weathered granite. A decrease in the amount of Fe-oxide corresponds to an increase in green sericite.														
26	39	13		Grey granite with slight orange colour. Fe-oxide staining is still common as are weathered feldspar phenocrysts.														
				39-111.50 VARIABLY BUT GENERALLY WEAKLY ALTERED POIMENA ADAMELLITE.														
39	72.70	33.70		Grey porphyritic granite. Feldspar phenocrysts are fresh and white. Sericite is rare, as is Fe-oxide staining. Biotite is present as small aggregates and clusters.														
72.70	84.50	11.80	100	Greenish-grey granite. Moderately porphyritic and medium grained with a few very large (3-4cm) phenocrysts of feldspar, smaller feldspar phenocrysts and small quartz phenocrysts. Mafic dots of fine grained quartz and feldspar with coarse grained biotite occur as small (5-6cm) rounded bodies. Moderately to poorly fractured with sericite in the fractures and increased modally in the rock surrounding them. Minor quartz veinlets also occur randomly throughout. Between 82.20 and 82.95, a 75cm pegmatite of medium grained, equigranular feldspar and quartz occurs. Moderately fractured with light green sericite and traces of fluorite on joint surfaces.														
84.50	88.10	3.60	100	Pale grey granite with only very minor sericite development. Fractures are moderate with minor sericite coatings.														
88.10	94.80	6.70	100	Pale grey-green granite. Weakly porphyritic and medium to														

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GOLD FIELDS EXPLORATION PTY. LIMITED
DRILL CORE LOG AND ASSAY DATA

PROJECT: BLUE TIER

HOLE NUMBER: B.T. 150

Page: 2.

ULV. PRESS

INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA													
From	To	m	%		Sample No.	From	To	Rec. %										
				fine grain size. Still moderately fractured with sericite, quartz and fluorite as infilling minerals. Sericite is moderately developed in the rock.														
94.80	100.20	5.40	100	Grey granite. Fresh, with sericite found only in the vicinity of fractures filled with clays. Poorly fractured and strongly porphyritic with a few minor quartz veinlets.														
100.20	111.50	11.30	100	Greenish-grey granite. Moderately jointed and sericitised except in a few places where increased alteration produces a crumbly, highly fractured, clay-sericite rich rock. Moderate to weakly porphyritic with patches of biotite accumulation. Becomes relatively coarse grained at depth.														
				END OF HOLE 111.50														
				B.T. 150 DEEPENED 2-9-83 to 6-9-83														
111.50	159.0	47.5	100	Grey, medium grained, porphyritic granite. Unaltered apart from a few sericitised fractures. Also, zones of pink hematitic granite occur. Overall, incipiently fractured. A few large (3cm feldspar phenocrysts occur otherwise they are around 2cm long. Smaller (0.5-1cm) phenocrysts of feldspar and quartz are present together with "book biotites" - dark coloured clots of the mica. A few finer-grained phases also exist.														
				Between 120.0 and 123.0, a zone of highly fractured and moderately sericitised granite occurs.														
				At 126.5, a 30cm fine-medium grained, grey, unaltered aplite.														
				At 152.4, a major vein of white feldspar, colorless quartz and green + brown sericite runs at 0° CA for 1.9m. Accessory purple fluorite occurs and the vein has a narrow, weakly developed silicified halo.														
159.0	171.0	12.0	100	Pale pink-green, grey granite. Medium grained and porphyritic														

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