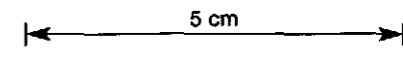


HOLE NO. BT 154

GOLD FIELDS EXPLORATION PTY. LIMITED
DIAMOND DRILL HOLE PLOT

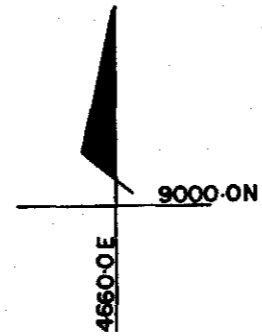
SCALE 1:



9015-ON
4689-0E



PLAN



765.7m

745.5m

DIP PROFILE

633.5m

657153

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

PROJECT: BLUE TIER

HOLE NUMBER: B.T. 154

Page: 1.

ULV. PRESS

INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA													
From	To	m	%		Sample No.	From	To	Rec. %										
				0-20 MODERATELY WEATHERED POIMENA ADAMELLITE														
0	10	10		White-grey weathered rock chips and sand with a very minor clay component. Quartz is unweathered and feldspar phenocrysts are psuedomorphed by white clays.														
10	20	10		Brown grey granite with abundant, small, black biotite clusters. Porphyritic with both weathered and unweathered feldspar phenocrysts. A brown limonite stain coats many minerals.														
				20-102.20 WEAKLY ALTERED POIMENA ADAMELLITE WITH ABUNDANT HEMATITIC FELDSPARS.														
20	26.45	6.45	100	Medium grey granite with rare weathered feldspars and incipiently developed liminitic staining. Moderately porphyritic with feldspar phenocrysts up to 2cm; medium grained. Fractures are rare and are coated (thinly) with pale green sericite. At 26.20, a 25cm pegmatite consisting of colourless quartz and white feldspars with accesory biotite and muscovite.														
26.45	31.20	5.57	100	Grey granite, both coarse and fine grained. Sericite is weakly developed and red-brown hematite replaces biotite. Porphyritic and weakly fractured.														
31.20	37.80	6.60	100	Reddish-green granite. Hematite and sericite are strongly developed, accompanied by increased jointing and veining. Biotite is replaced and muscovite is present. Porphyritic and medium grained. At 34.00, a 20cm zone of highly fractured, crushed rock and sericitic clays.														
37.80	48.00	10.20	100	Weak greenish-pink grey granite, porphyritic and medium grained. Numerous small black biotites, small colourless quartz phenocrysts, reddish hematite and greenish sericite replaced feldspars, and large white feldspar phenocrysts are the major mineral phases. Weakly fractured.														

B.T. 154

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

PROJECT: BLUE TIER

HOLE NUMBER: B.T. 154

Page: 2

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INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA													
From	To	m	%		Sample No.	From	To	Rec. %										
48.00	53.70	3.70	65	A 2cm thick monomineralic grey quartz vein, cryptocrystalline, fractured at 10°CA. Underlain by highly fractured, soft sericite rich rock with abundant slickensides and relict quartz.														
53.70	65.00	11.30	100	Grey granite with medium green abundant sericitic and pink-red hematitic feldspars. Medium grained and weakly porphyritic. with few fractures. At 59.30 at 40cm quartz-feldspar pegmatite, 10°CA and moderately fractured, is surrounded either side by 10cm zones of highly sericitised + muscovitised rock. Becomes coarser grained and more porphyritic over the last 2.50m.														
65.00	74.95	5.95	60	Fine to medium grained granite with quartz, feldspar, muscovite, sericite and hematite- moderately altered. In places highly altered and fractured with numerous veins.														
74.95	89.40	14.45	100	Very weakly altered, medium grained, prophyritic granite. Yellow-green sericite patches and slightly pinkish feldspar phenocrysts add colour to an otherwise grey granite. Unfractured.														
89.40	91.75	2.35	100	Highly fractured and crushed, altered granite, reddish-green grey. Biotite is rare, green and white sericite as well as red hematite are common. Muscovite is moderately abundant and several small pegmatites occur. Medium grained and porphyritic.														
91.75	93.25	1.50	100	Unaltered, pinkish-grey, medium grained, porphyritic granite. Unfractured with rare sericite and hematite. Numerous biotites.														
93.75	102.20	6.45	76	Moderately fractured and altered, medium-fine grained granite. Muscovite is common, biotite is rare. Sericite occurs in fractures and veinlets. Brown hematite is present. Small quartz-feldspar pegmatite.														

END OF HOLE '02 20

B.T. 154