



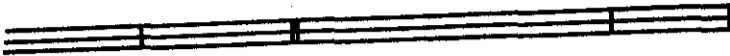
HOLE NO. BT 167

GOLD FIELDS EXPLORATION PTY LIMITED  
DIAMOND DRILL HOLE PLOT

SCALE 1:





PLAN

5 438 940 N 584 245 E  5 438 980 N 584 271 E

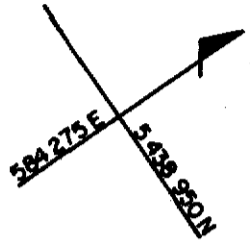
732.4m R.L. 

707.7m R.L. 

674.9m R.L. 

616.3m R.L. 

595.9m R.L. 



DIP PROFILE

<0.01% Sn

657212

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

PROJECT: BLUE TIER

HOLE NUMBER: B.T. 167

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ULV. PRESS

INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA												
From	To	m	%		Sample No.	From	To	Rec. %									
				SUMMARISED LOG													
0.0	61.5	61.5		MEDIUM GRAINED, MODERATELY PORPHYRITIC POIMENA ADAMELLITE. WEAKLY WEATHERED AT FIRST, THEN VERY WEAKLY ALTERED. THIS IS UNDERLAIN BY A WELL DEVELOPED PEGMATITE/APLITE.													
61.5				CONTACT													
61.5	76.0	14.5		WEAKLY GREISENED, EQUIGRANULAR ALKALI GRANITE.													
76.0	124.0	48.0		VARIABLY GREISENED, TOPAZISED ALKALI GRANITE.													
124.0	144.5	20.5		WEAKLY AND UNALTERED ALKALI GRANITE.													
				DETAILED LOG													
				0.0-61.5 MEDIUM GRAINED, PORPHYRITIC POIMENA ADAMELLITE. WEAKLY ALTERED WITH A WELL DEVELOPED PEGMATITE ON THE LOWER CONTACT.													
0.0	6.0			Tricone-no core recovered.													
6.0	27.3	21.3	100	Brown-grey weathered granite. Medium grained and moderately porphyritic with several strong alteration zones-abundant sericite and quartz replacing feldspars and biotites. All the larger feldspar phenocrysts are pink. Strongly weathered zones of limonite crumbly granite also exist. Overall moderately fractured and weakly altered. After 18.0, unweathered and unaltered zones (approx. 50cm long) occur.													
27.3	60.4	33.1	100	Pink-grey granite, medium grained and moderately porphyritic with feldspar phenocrysts (some pink, others white) up to 2cm across. Unaltered and unfractured with numerous thin aplites and pegmatites (all aprox 10cm wide) developed at 90° CA. Occasional fractures are filled with green sericitic clays.													

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

PROJECT: BLUE TIER

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INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA (Wt %)													
From	To	m	%		Sample No.	From	To	Rec. %	Sn									
				At 53.6, a 0.5m quartz-pink feldspar-silvery muscovite coarse grained pegmatite.														
				The last 0.6m becomes quite sericitised with abundant lime green, soft sericite, pink feldspar and quartz.	4395	59.4	60.4	100	<0.01									
					4396	60.4	61.4	100	<0.01									
60.4	61.5	1.1	100	Pegmatitic. Large (up to 5cm long) blades of colourless, grey and white quartz with pink feldspar are mixed with abundant aplitic material, often banded at 20° CA. The aplite occurs in the centre with the two coarse grained pegmatite on the upper and lower contacts. Accessory micas and purple fluorite also exist.	4397	61.5	62.0	100	<0.01									
					4398	62.0	63.0	100	<0.01									
					4399	63.0	64.0	100	<0.01									
					4400	64.0	65.0	100	<0.01									
					4401	65.0	66.0	100	<0.01									
					4402	66.0	67.0	100	<0.01									
					4403	67.0	68.0	100	<0.01									
61.5				CONTACT	4404	68.0	69.0	100	0.01									
					4405	69.0	70.0	100	<0.01									
				61.5-76.0 WEAKLY GREISENED ALKALI GRANITE.	4406	70.0	71.0	100	<0.01									
					4407	71.0	72.0	100	<0.01									
61.5	76.0	14.5	100	Pale green alkali granite. Equigranular, medium grained and non-porphyritic with a patchily developed weak sericitic alteration. Unfractured. The unaltered-less altered section consists of quartz-feldspar and dark green sericitised micas. The stronger altered sections are less abundant and consist of quartz (colourless) and pervasive sericite, as dark green replacing micas and pale green in feldspars. Alteration overall is between these two extremes. Rare purple fluorite and red hematitic veins also occur.	4408	72.0	73.0	100	<0.01									
					4409	73.0	74.0	100	<0.01									
					4410	74.0	75.0	100	<0.01									
					4411	75.0	76.0	100	<0.01									
					4412	76.0	77.0	100	<0.01									
					4413	77.0	78.0	100	<0.01									
					4414	78.0	79.0	100	<0.01									
					4415	79.0	80.0	100	<0.01									
					4416	80.0	81.0	100	<0.01									
					4417	81.0	82.0	100	<0.01									
				76.0-124.0 VARIABLY ALTERED, TOPAZISED ALKALI GRANITE.	4418	82.0	83.0	100	<0.01									
					4419	83.0	84.0	100	<0.01									
76.0	124.0	48.0	100	Pale greenish grey and off-white alkali granite. Alteration is similar to above, however may be more intense as there is little trace of the micas. The granite consists of colourless quartz and topaz? with white feldspar and pale green sericite. Unfractured with rare, thin sericite enrichments in a vein-like form. Below 87.0 the feldspar becomes pale orange, probably due to hematite. This disappears at 94.0.	4420	84.0	85.0	100	<0.01									
					4421	85.0	86.0	100	<0.01									
					4422	86.0	87.0	100	<0.01									
					4423	87.0	88.0	100	<0.16									
					4424	88.0	89.0	100	<0.01									
					4425	89.0	90.0	100	<0.01									
					4426	90.0	91.0	100	<0.01									

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GOLD FIELDS EXPLORATION PTY. LIMITED

DRILL CORE LOG AND ASSAY DATA

PROJECT: BLUE TIER

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ULV. PRESS

INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA (Wt %)													
From	To	m	%		Sample No.	From	To	Rec. %	Sn									
				At 94.0, a thin (2mm) quartz veinlet is surrounded by increased sericite development.	4427	91.0	92.0	100	<0.01									
					4428	92.0	93.0	100	0.01									
X	inclusion			At 94.7 an inclusion, 4cm across of sericite and quartz (dark green) surrounded a halo of very dark green sericitised mica.	4429	93.0	94.0	100	<0.01									
					4430	94.0	95.0	100	<0.01									
					4431	95.0	96.0	100	<0.01									
				Below 94.8, the alteration changes slightly with a "blotchy" green sericite alteration occurring randomly on a small scale.	4432	96.0	97.0	100	<0.01									
				This causes the core to appear spotted, off-white and green.	4433	97.0	98.0	100	<0.01									
					4434	98.0	99.0	100	<0.01									
				Fluorite is a common accessory phase, especially on the few fractures that occur. Rare hematitic veinlets also occur.	4435	99.0	100.0	100	<0.01									
					4436	100.0	101.0	100	<0.01									
				This style of alteration ends at 108.1 and is replaced by a similar but less intense style. The granite is off-white overall, with zones (20-30cm long) of very pale green pervasive sericite-quartz.	4437	101.0	102.0	100	<0.01									
					4438	102.0	103.0	100	<0.01									
					4439	103.0	104.0	100	<0.01									
					4440	104.0	105.0	100	<0.01									
				At 116.9, the altered micas return, although they are not as abundant as normal.	4441	105.0	106.0	100	<0.01									
					4442	106.0	107.0	100	<0.01									
				Between 121.9 and 122.7, a network of brown hematitic veinlets is developed, together with increased green sericite.	4443	107.0	108.0	100	<0.01									
					4444	108.0	109.0	100	<0.01									
					4445	109.0	110.0	100	<0.01									
				124.0-144.5 UNALTERED AND WEAKLY SERICITISED ALKALI GRANITE.	4446	110.0	111.0	100	<0.01									
					4447	111.0	112.0	100	<0.01									
124.0	132.2	8.2	100	Unaltered alkali granite, pale grey, equigranular and medium grained. Colourless quartz and white feldspar together with brown biotite and rare muscovite are the main phases present. Fractures with green sericite infillings also occur but are rare.	4448	112.0	113.0	100	<0.01									
					4449	113.0	114.0	100	<0.01									
					4450	114.0	115.0	100	<0.01									
					4451	115.0	116.0	100	<0.01									
					4452	116.0	117.0	100	<0.01									
					4453	117.0	118.0	100	<0.01									
132.2	144.5	12.3	100	Green-grey sericitised (weakly) alkali granite. Pale orange feldspars and dark and light green sericitised feldspars and micas occur. Overall very weakly altered, becoming weaker with depth. Unfractured except for a few narrow sericitised crush zones.	4454	118.0	119.0	100	<0.01									
					4455	119.0	120.0	100	<0.01									
					4456	120.0	121.0	100	<0.01									
					4457	121.0	122.0	100	<0.01									
					4458	122.0	123.0	100	<0.01									
				At 140.2, a 1.0m zone of crush clayey sericitised granite is overlain and underlain by a series of hematitic-limonitic veinlets.	4459	123.0	124.0	100	0.01									
				144.5 END OF HOLE														

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