
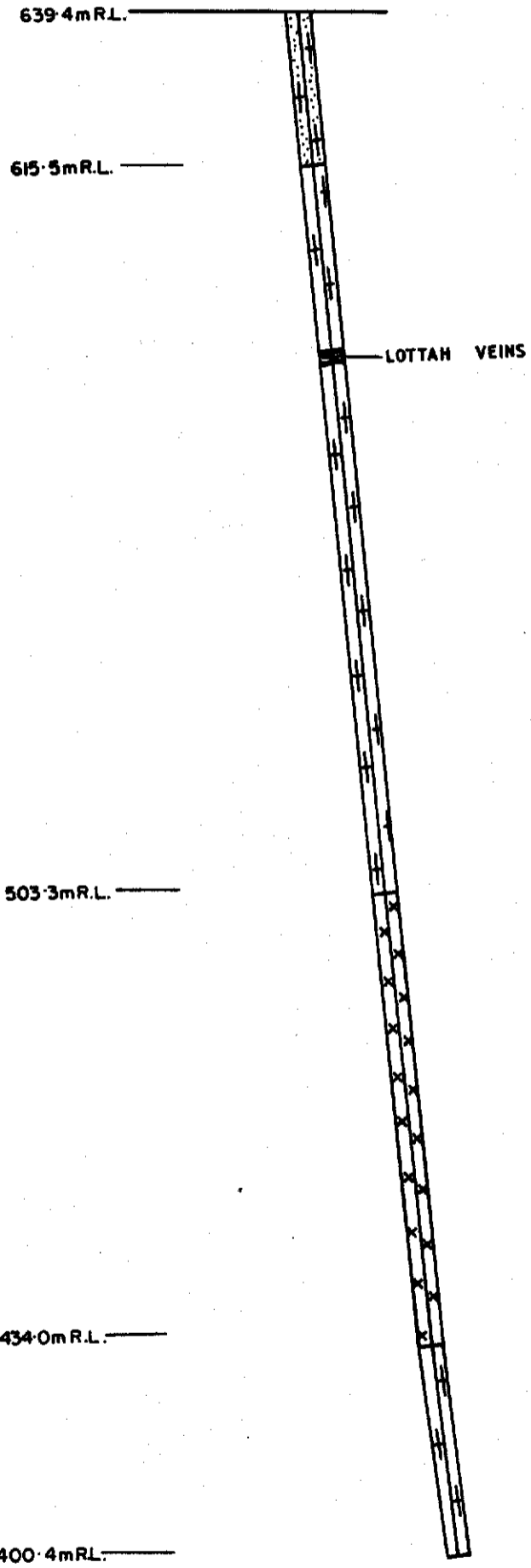


PLAN

5 437 832 N 585 013 E  5 437 822 N 585 036 E

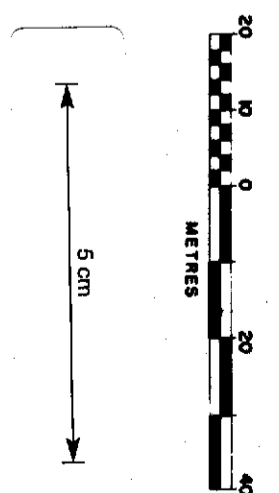


DIP PROFILE

HOLE NO. BT 166

GOLD FIELDS EXPLORATION PTY. LIMITED
DIAMOND DRILL HOLE PLOT

SCALE 1:



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

ULV. PRESS

PROJECT: BLUE TIER

HOLE NUMBER: B.T. 166

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INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA													
From	To	m	%		Sample No.	From	To	Rec. %										
				SUMMARISED LOG														
0.0	23.9	10.9		MODERATELY WEATHERED POIMENA ADAMELLITE, UNALTERED.														
23.9	137.3	113.4		COARSE-MEDIUM GRAINED, PORPHYRITIC AND WEAKLY ALTERED POIMENA ADAMELLITE WITH SEVERAL MAJOR QUARTZ VEINS.														
137.3	208.0	70.7		FINE GRAINED, NON-PORPHYRITIC POIMENA ADAMELLITE (Dg-fp) WITH A FEW COARSE GRAINED PHASES. WEAKLY ALTERED APART FROM THE DEVELOPMENT OF SEVERAL, NARROW SILICIFIED ZONES.														
208.0	240.0	32.0		MEDIUM-COARSE GRAINED, WEAKLY PORPHYRITIC AND WEAKLY ALTERED POIMENA ADAMELLITE.														
				DETAILED LOG														
				0.0-23.9 MODERATELY WEATHERED POIMENA ADAMELLITE.														
0.0	13.0	13.0	0	Tricone. No core.														
13.0	23.9	10.9	100	Brown weathered granite. Medium grained and strongly porphyritic with large white feldspar phenocrysts up to 4cm wide. Weakly fractured with limonite pervasively developed and intense around the fractured (crumbly zones). Patches of unweathered, unfractured granite. Unaltered.														
				23.9-137.3 POIMENA ADAMELLITE WITH MAJOR QUARTZ VEINS.														
23.9	52.6	28.7	100	Grey, coarse-medium grained, strongly porphyritic granite. Large white feldspar phenocrysts, smaller pale green sericitised feldspar, quartz and black biotites, are the phases present. Overall unfractured, however a few sericite rich crushed zones (approx. 10cm wide) do occur. Rare sericite (green) coated fractures occur also. Several 2cm thick coarse grained quartz-feldspar pegmatites are developed. Unaltered.														

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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 (all ppm)										
From	To	m	%		Sample No.	From	To	Rec. %	Sn	As	Sr	Rb	Cu	Ag	Mo
				At 52.2, pinkening of feldspar phenocrysts occurs.	4276	52.0	53.0	100	10	<10	120	530	5	<1	<10
					4277	53.0	54.0	100	1120	620	40	1740	120	1	10
52.6	55.0	2.4	100	Strongly altered, argillised granite with abundant sericite, quartz, hematite and crush zones for 1.3m. Pink-green in colour with all the micas replaced.	4278	54.0	55.0	100	2190	550	20	1470	165	1	10
				At 53.9, a 0.9m thick quartz-mica-sericite vein with several small vugs developed. Moderately fractured. This is underlain by 0.2m strongly sericitised, bright green-pink granite.											
55.0	100.3	45.3	100	Pink granite for 4.0m, then grey, coarse-medium grained porphyritic granite. Unfractured with several thin crush zones, and rare sericite coated fractures. Unaltered with mineral phases the same as before the altered granite/vein above. Several thin (approx. 20cm) mixed aplitic-pegmatitic phases occur. Below 63.8m, pink colour returns to granite.											
				At 64.8, a 2.0m zone of strong altered pink-green granite. Argillised with all biotites replaced. Minor quartz veining.											
				At 91.7, a 30cm vein of white quartz and black biotite with minor sericite. Blocky fractured.	4279	91.5	92.5	100	40	10	80	1200	10	<1	10
				At 100.1, 20cm of very coarse grained granite is overlain by 0.4m of fine grained biotite-rich granite.											
100.3	137.3	37.0	100	Medium grained granite. Porphyritic with feldspars up to 2cm wide. Pink-green in colour with moderate sericite development. More fractured than granite above being fractured into short blocks with several thin (10cm) crush zones also occurring. Feldspars are semi-circular rather than long as they were in the previous granite phase. Also appears to be richer in biotite. Overall weakly sericitised. All feldspars are pinkish.											
				At 126.0, a 0.5m thick aplite of quartz and pale green sericite.											
				At 130.4, the pink colour in the feldspars disappears.											
				Below 133.6, several thin crush zones, silicified zones and patches of extreme variation in grain size occur.											

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

PROJECT: BLUE TIER

HOLE NUMBER: B.T. 166

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ULV. PRESS

INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA (all ppm)										
From	To	m	%		Sample No.	From	To	Rec. %	Sn	As	Sr	Rb	Cu	Ag	Mo
				137.3-208.0 FINE GRAINED, NON-PORPHYRITIC POIMENA ADAMELLITE WITH A FEW COARSER GRAINED PHASES.											
					4280	137.0	139.0	100	<10	10	150	550	15	<1	20
137.3	146.0	8.7	100	Fine grained grey granite. Equigranular except for a few rare feldspar phenocrysts elongated up to 2.5cm. Alteration is very weakly developed with unaltered feldspars and biotites. A few narrow zones of sericitisation/silicification exist. Unfractured. At 145.2, a 0.8m thick clay zone. All the granite is altered to a soft clay-pale grey in colour.											
146.0	149.5	3.5	100	Silicified granite with original texture destroyed. Moderately altered. Few relict feldspar phenocrysts exist with minor sericite and pervasive grey quartz. Appears to have been a fine grained granite.	4281	146.0	148.0	100	10	10	160	580	15	<1	<10
149.5	160.9	11.4	100	Medium-coarse grained grey granite. Feldspar phenocrysts up to 2cm wide and long. Unaltered apart from several thin (20cm) silicified zones. Unfractured, with no sericite developed at all. The last 2.0m gets finer grained gradually, grading into the unit below.											
160.9	180.4	19.5	100	Fine grained grey granite, non-porphyritic apart from the occasional large (2cm long) white feldspar. Mafic inclusions- commonly occur up to 2-3cm across, consisting predominantly of black biotite. Unaltered and unfractured except for a few rare, thin sericitised fractures. Several aplitic phases (approx. 10cm thick) also exist. At 173.4, an equigranular but coarser grained (0.5cm) grey granite surrounds a thin veinlet of sericite for 1.1m.	4282	161.0	163.0	100	<10	<10	160	500	5	<1	10
180.4	184.5	4.1	100	Medium-coarse grained, porphyritic, grey granite. Unaltered overall, apart from one sericitic and silicified vein. Becomes quite coarse grained in places with large (3-4cm across) white feldspar phenocrysts.	4283	181.0	183.0	100	<10	10	200	460	5	<1	<10

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

PROJECT: BLUE TIER

HOLE NUMBER: B.T. 166

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ULV. PRESS

INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA (all ppm)										
From	To	m	%		Sample No.	From	To	Rec. %	Sn	As	Sr	Rb	Cu	Ag	Mo
184.5	208.0	23.5	100	Fine grained grey granite. Unaltered with mafic clots and rare, small feldspar phenocrysts. Rare sericitised and silicified veins occur randomly throughout. At 189.0, a slight pinkening of the feldspars occur. This becomes slightly stronger with depth. The granite is unfractured and equigranular (around-2mm).	4284	187.0	189.0	100	<10	<10	160	470	5	<1	<10
				At 192.8, a 3cm thick white quartz vein containing minor green sericite is surrounded either side by a 3cm thick sericitised/silicified zone of alteration, of 20° CA. Between 205.1 and 206.1, and increase in veining occurs with several thin sericite filled veinlets causing a light, pale brown alteration in the enclosing granite.											
				208.0-240.0 MEDIUM-COARSE GRAINED, WEAKLY PORPHYRITIC POIMENA ADAMELLITE.											
208.0	210.2	2.2	100	Very pale grey, silicified aplite. Green sericite and pervasive quartz (very fine grained) and feldspar. Becomes pink with depth.	4285	208.0	210.0	100	20	10	10	1970	5	<1	<10
				At 209.0, a 20cm zone at 45° CA, of increased sericitisation-greisen developed. Accessory purple fluorite occurs. The upper and lower contacts of this unit are approx. 15° CA, and are both sharp.											
210.2	225.8	15.6	100	Pink, medium-coarse grained porphyritic granite. Pink feldspars up to 2-3cm across occur commonly. The top 1.0m contains pale green sericite, otherwise the unit is unaltered with rare veins and pegmatites (thin - 10cm).											
				Between 217.1 and 219.4, the pink colour is absent (a grey unaltered, medium grained granite).	4286	217.0	219.0	100	<10	<10	170	490	5	<1	<10
				At 222.5, a 5cm thick white quartz-pale pink feldspar-pale green sericite vein at 45° CA. This is surrounded above and below by a sericitised zone (biotites altered to sericite).											
				At 225.4, a 0.4m thick patch of silicified and sericitised granite.											

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