

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

PROJECT: BLUE TIER

HOLE NUMBER: B.T. 180

Page: 1.

ULV. PRESS

INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA													
From	To	m	%		Sample No.	From	To	Rec. %										
				SUMMARIZED LOG.														
0.0	16.3			WEATHERED AND WEAKLY ALTERED POIMENA ADAMELLITE.														
16.3	99.0			WEAKLY ALTERED POIMENA ADAMELLITE, OCCASSIONAL WEAKL GREISENS, APLITES AND PEGMATITES.														
99.0	99.6			CONTACT - TRANSITION ZONE BETWEEN ADAMELLITE AND ALKALI GRANITE.														
99.6	121.56			WEAKLY GREISENIZED ALKALI GRANITE.														
121.56	139.7			UNALTERED TO WEAKLY ALTERED ALKALI GRANITE.														
				DETAILED LOG														
				0.0-16.3 WEATHERED AND WEAKLY ALTERED ADAMELLITE.														
0.0	14.2	12.53	88	Weathered and weakly altered, brown, porphyritic granite, with feldspar crystals 4-5cm long. Iron staining is very strong around joints and veins.														
14.2	16.3	1.85	88	Weakly greisenized and sericitized porphyritic granite that is quite iron stained due to the large number of veins in the section. The veins are probably the cause of the alteration and weak greisenization.														
				16.3-99.0 WEAKLY ALTERED POIMENA ADAMELLITE, OCCASSIONAL WEAKL GREISEN, APLITE, PEGMATITE.														
16.3	20.2	3.8	97	Weakly greisenized grey, medium grained porphyritic granite.														
20.2	24.9	4.63	99	Greisen, associated with an almost vertical vein in the top 1.5m, but the last 2m is solid greisen but may still be associated with a wide vertical vein.														

657276

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

PROJECT: BLUE TIER

HOLE NUMBER: B.T. 180

Page: 2.

ULV. PRESS

INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA														
From	To	m	%		Sample No.	From	To	Rec. %	Sn	WO ₃									
24.9	31.98	6.43	91	Weakly altered and greisenized grey-green, medium grained porphyritic granite. Feldspars up to 3cm long, quartzes grey to clear and biotite makes up the remaining mineralogy. Edges of crystals are becoming less distinct due to greisenizing effect and sericitic alteration of feldspars produce the green colour.	3718	20.0	100.0		50	30									
					3719	20.0	104.0		50	30									
					3720	24.0	126.0		30	40									
					3721	26.0	128.0		30	20									
					3722	28.0	130.0		30	30									
					3723	30.0	132.0		70	20									
31.98	33.56	1.58	100	Very fine grained white granite with aggregate of biotite up to 1cm across. The rock is composed entirely of pinkish-white feldspars and quartz. Probably an aplite, and has veins of pegmatite cutting it at 31.98, 32.58, 33.17, 33.53m for 2-3cm.		105.0													
33.56	99.0	66.44	100	Grey, porphyritic, medium grained granite. Occasional white feldspar up to 5cm long but more commonly 1-3 cm. Quartz is grey in phenocrysts but clear in ground mass. Small aplite vein or dyke about 20cm wide cuts core at 46.12. Due to the presence of a nearly vertical vein or joint system the granite between 73.32 and 98.2 has been weakly altered and a thin coating of sericite coats the vein surface. The majority of feldspars in the groundmass are now tinged green due to the sericitic alteration. A 4cm wide pegmatite vein cuts core at 97.95m. 99.0-99.26 CONTACT ZONE	3724	99.0	100.0		60	70									
					3725	100.0	101.0		60	30									
99.0	99.6	0.6	100		Pegmatitic contact zone between the granite described above and the alkali granite. The first 25cm is comprised entirely of coarsely crystalline pink feldspar and grey quartz. The remainder of the contact is comprised of patches of pegmatite and intervals of Poimena and alkali granite. A quartz filled vein network runs through the zone and limonite is developed around them.	3726	101.0	102.0		50	50								
					3727	102.0	103.0		50	60									
					3738	103.0	104.0		50	90									
					3729	104.0	105.0		50	60									
					3730	105.0	106.0		50	70									
					3731	106.0	107.0		50	40									
					3732	107.0	108.0		180	70									
					99.6-121.56 WEAKLY GREISENIZED ALKALI GRANITE.	3733	108.0	109.0		50	120								
					3734	109.0	110.0		50	80									
99.6	104.48	4.88	100	Pinkish-white slightly greisenized alkali granite. Pinkish coloration due to the presence of some pink as well as the more common white. Quartz is white to clear and a green or brown biotite is	3735	110.0	111.0		50	50									
					3736	111.0	112.0		50	50									
					3737	112.0	113.0		40	30									

657277

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

PROJECT: BLUE TIER

HOLE NUMBER: B.T. 180

Page: 3.

ULV. PRESS

INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA													
From	To	m	%		Sample No.	From	To	Rec. %	Sn	WO ₃								
				quite common. The rock is fine grained and equigranular.	3738	113.0	114.0		40	120								
					3739	114.0	115.0		30	40								
104.48	111.8	6.32	100	Weakly greisenized grey-white fine grained equigranular granite.	3740	115.0	116.0		30	60								
				Quartz is now more grey in colour and there is slightly more biotite.	3741	116.0	117.0		30	40								
				110.42-110.57. Very fine grained highly siliceous rock with	3742	117.0	118.0		80	50								
				small aggregates of biotite. Very little feldspars in the	3743	118.0	119.0		50	60								
				composition.	3744	119.0	120.0		50	80								
					3745	120.0	122.0		60	60								
					3746	122.0	124.0		80	60								
111.8	118.0	6.2	100	Weakly to moderately greisenized light greenish-grey equigranular	3747	124.0	126.0		60	70								
				granite. The strength of greisenization appears to increase around	3748	126.0	128.0		50	60								
				veins that cut this intersection. These veins are quartz filled	3749	128.0	130.0		60	50								
				and in some cases have a thin halo of limonitic clays. The infill-														
				ing quartz is grey-brown.														
118.0	121.56	3.56	100	Weakly to moderately greisenized green alkali granite. The green														
				colour is due to the sericitisation of feldspars in the ground-														
				mass.														
				121.56-139.70 UNALTERED TO WEAKLY ALTERED ALKALI GRANITE.														
121.56	139.70			Very weakly greisenized to unaltered grey-white fine grained														
				equigranular granite composed of white feldspars, grey/clear quartz														
				and green to black biotite. Pegmatite veins are located														
				at 130.13 for 2cm, 131.05 for 30cm, 137.90 for 18cm and 138.20														
				for 12 cm.														
				END OF HOLE 139.7m.														

657278