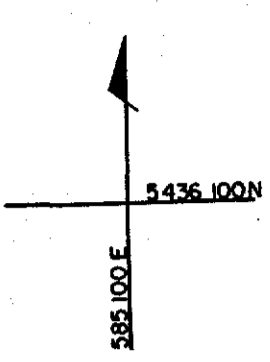


PLAN



5 436 111N
585 145E

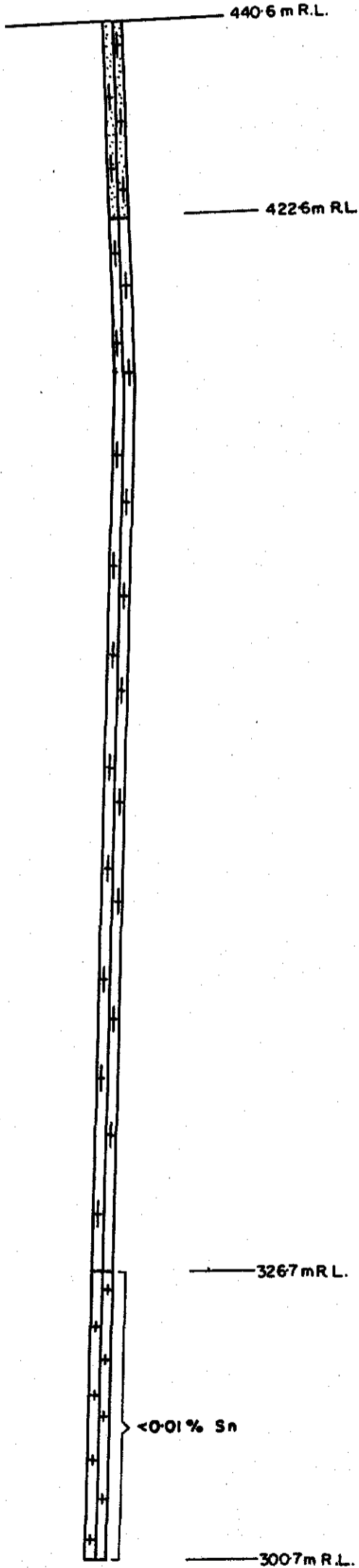


5 436 107N
585 149 E

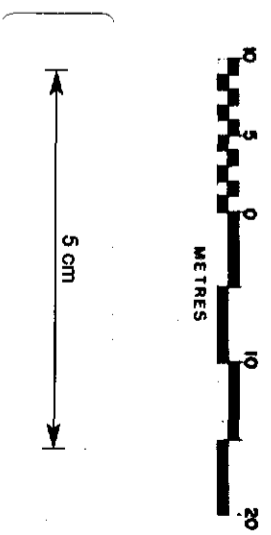
HOLE NO. **BT 174**

GOLD FIELDS EXPLORATION PTY. LIMITED
DIAMOND DRILL HOLE PLOT

DIP PROFILE



SCALE 1



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

PROJECT: BLUE TIER

HOLE NUMBER: B.T. 174

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ULV. PRESS

INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA													
From	To	m	%		Sample No.	From	To	Rec. %										
				SUMMARISED LOG														
0.0	114.0	114.0		MEDIUM GRAINED, PORPHYRITIC POIMENA ADAMELLITE WITH NUMEROUS APLITES AND PEGMATITES. BECOMES HEMATITIC AND SERICITIC WITH DEPTH.														
114.0	140.0	26.0		WEAKLY ALTERED, MEDIUM GRAINED, EQUIGRANULAR ALKALI GRANITE. BECOMES SERICITISED WITH DEPTH.														
				DETAILED LOG.														
				0.0-114.0 MEDIUM GRAINED, PORPHYRITIC POIMENA ADAMELLITE WITH NUMEROUS APLITES AND PEGMATITES.														
0.0	18.0			Tricone, no core recovered.														
18.0	83.5	65.5	100	Grey, medium grained, porphyritic granite. Unaltered, unweathered and incipiently fractured-slightly blocky in places. White feldspar phenocrysts up to 2cm across rarely occur. More common are elongate phenocrysts 1.0cm long. Smaller feldspars have a pale green hue. Patches with pink hematitic feldspars also occur. This granite contains several thin (>10cm) fine grained aplites, rare quartz-sericite veinlets and their narrow alteration halos, together with fractured zones (weakly developed) and associated sericitisation. At 20.5, a 1.5m section of pale orange altered granite with green sericitised micas and orange feldspars. This is underlain by a 0.5m pegmatite of similar but very coarse grained phases. Between 57.4 and 58.7, between 62.0 and 64.0, highly fractured zones of crumbly, soft rock occur. Sericite is common. A strongly developed sericitised zone surrounds the lower crush zones, approximately 4.0m either side. Another altered zone (sericitised) exists between 70.0 and 74.0. Between 78.5 and 82.5, another altered zone surrounding a central crush zone occurs.														

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

PROJECT: BLUE TIER

HOLE NUMBER: B.T. 174

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ULV. PRESS

INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA (ppm)													
From	To	m	%		Sample No.	From	To	Rec. %	Sn									
83.5	114.0	30.5	100	Red-grey medium grained, weakly altered, porphyritic granite.	6022	114	115	100	10									
				Same as above, with all the feldspars hematitic. More fractured and sericite is more abundant. Medium-coarse grained pegmatites and stronger altered granite sections occur, as do patches of biotite accumulations. The red-pink decreases with depth to produce a grey but altered granite.	6023	115	116	100	10									
					6024	116	117	100	20									
					6025	117	118	100	20									
					6026	118	119	100	20									
					6027	119	120	100	10									
				At 113.7, a 30cm thick complex zone of aplite and pegmatite.	6028	120	121	100	20									
				Dark green sericite, black biotite, colourless quartz and pale orange feldspars occur as both coarse and fine grained phases.	6029	121	122	100	30									
				Accessory purple fluorite also occurs.	6030	122	123	100	30									
					6031	123	124	100	30									
					6032	124	125	100	20									
114.0				CONTACT.	6033	125	126	100	30									
					6034	126	127	100	20									
				114.0-140.0 WEAKLY ALTERED, MEDIUM GRAINED ALKALI GRANITE.	6035	127	128	100	20									
					6036	128	129	100	30									
114.0	118.7	4.7	100	Pale orange-grey, incipiently altered, medium grained equigranular alkali granite. Most micas are unaltered, and the feldspars are pale orange. Unfractured with a few rare fractures having fluorite coatings.	6037	129	130	100	20									
					6038	130	131	100	20									
					6039	131	132	100	20									
					6040	132	133	100	20									
					6041	133	134	100	70									
118.7	140.0	21.3	100	White-green, alkali granite. Medium-fine grained, equigranular. This granite is weakly altered, being quite strongly sericitised. White, clayey sericite occurs pervasively and as veins, producing a soft rock, moderately fractured with several crushed zones. Pale green sericite replaces micas. Pale brown sericite-white quartz veins are also common.	6042	134	135	100	230									
					6043	135	136	100	50									
					6044	136	137	100	30									
					6045	137	138	100	20									
					6046	138	139	100	30									
					6047	139	140	100	20									
				END OF HOLE 140.0														

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