

HOLE NO. BT 168

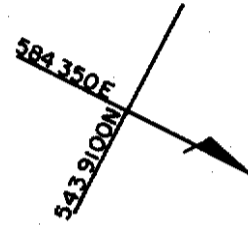
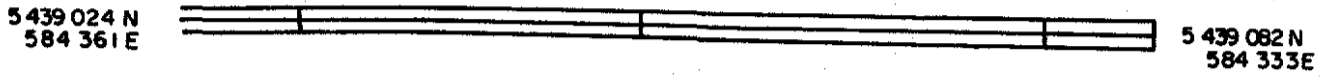
GOLD FIELDS EXPLORATION PTY. LIMITED
DIAMOND DRILL HOLE PLOT

SCALE 1:

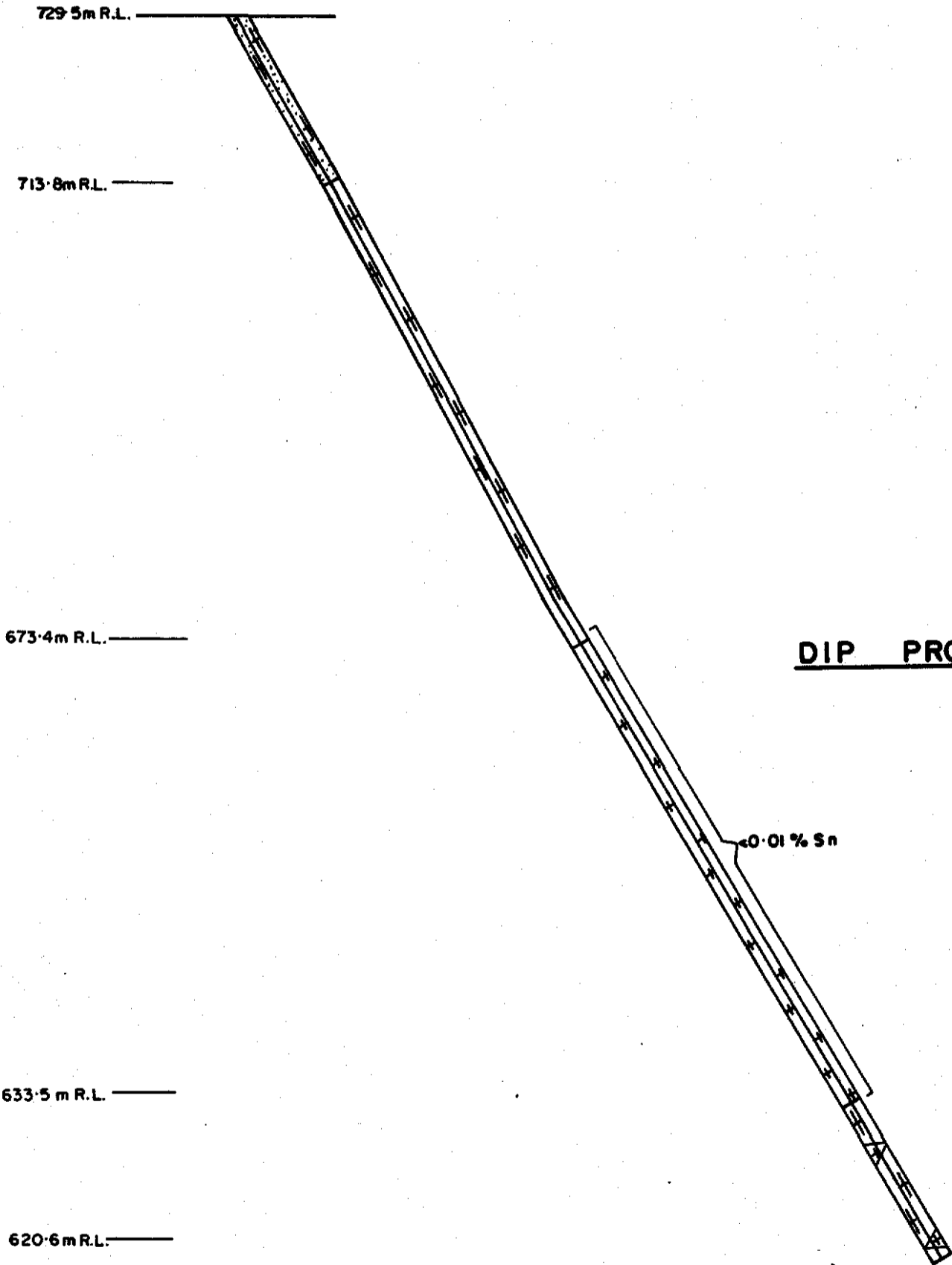


5 cm

PLAN



DIP PROFILE



657217



GOLD FIELDS EXPLORATION PTY. LIMITED

PROJECT: BLUE TIER

• DRILL CORE LOG AND ASSAY DATA

HOLE NUMBER: B.T. 168

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INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA													
From	To	m	%		Sample No.	From	To	Rec. %										
				SUMMARISED LOG														
0.0	62.8	62.8		MODERATELY AND OCCASIONALLY STRONGLY ALTERED POIMENA ADAMELLITE. MEDIUM GRAINED AND MODERATELY PORPHYRITIC.														
62.8				CONTACT														
62.8	111.0	48.2		WEAKLY SERICITISED ALKALI GRANITE WITH PATCHES OF GREISEN WEAKLY DEVELOPED. ALSO LARGE SECTIONS OF UNALTERED ALKALI GRANITE.														
111.0				CONTACT														
111.0	126.0	15.0		UNALTERED, MEDIUM-COARSE GRAINED, PORPHYRITIC POIMENA ADAMELLITE WITH MINOR ALKALI GRANITE INTRUSIONS SURROUNDED BY THIN PEGMATITES.														
				DETAILED LOG														
				0.0-62.8 MEDIUM GRAINED, PORPHYRITIC POIMENA ADAMELLITE. MODERATELY ALTERED.														
0.0	17.0			Tricone, no recovery.														
17.0	53.9	36.9	100	Medium grained, porphyritic pinkish-grey granite. Very weakly altered and fractured. Large pink feldspar phenocrysts up to 2.5cm across, occur. Seritisation is rare, being restricted to a few narrow (approx. 10cm) crush zones. Several thin pegmatites also occur. Pink colouration is absent in places, producing a grey granite. At 18.8, a 5cm thick pegmatite of quartz and feldspar is underlain by 20cm of pale green weakly greisenized alkali granite. At 39.5, a section of very coarse grained grey granite. Quartz and feldspar crystals are all approx. 1.5cm across.														

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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											
From	To	m	%		Sample No.	From	To	Rec. %	Sn							
				This continues for 1.3m, then gradually decreases in grain size over the next 1.5m.												
53.9	57.3	3.4	100	Moderately to strongly altered pale green granite. Medium grained and weakly porphyritic. All feldspars are replaced by pale green sericite and all biotites are sericitised. The rock is very fractured, soft and crumbly with several 20cm thick crushed zones.												
57.3	62.8	5.5	100	Greenish grey, medium grained porphyritic granite. Weakly altered with sericite commonly developed and minor crush and fractured zones occurring. Also zones up to 60cm long, of increased alteration and sericitisation (pale green as above) occur, including one over the last 80cm of this unit.	4541	61.8	62.8	100	<0.01							
					4542	62.8	63.8	100	0.02							
				62.8 CONTACT	4543	63.8	64.8	100	0.01							
					4544	64.8	65.8	100	0.01							
				62.8-111.0 WEAKLY AND MODERATELY ALTERED ALKALI GRANITE.	4545	65.8	66.8	100	0.01							
					4546	66.8	67.8	100	0.01							
62.8	66.0	3.2	100	Green alkali granite. Weakly and moderately greisenized, with some unaltered sections. Alteration varies overall, with darker and lighter green zones. Micas are replaced but their pseudomorphs are still visible. Unfractured.	4547	67.8	68.8	100	0.01							
					4548	68.8	69.8	100	0.01							
					4549	69.8	70.8	100	<0.01							
					4550	70.8	71.8	100	<0.01							
					4551	71.8	72.8	100	<0.01							
66.0	82.7	16.7	100	Very weakly altered alkali granite. Pale brown with sericite only weakly developed in a few micas, and restricted to fracture coatings. Moderately to highly fractured-blocky. A pale orange stain is also developed in the feldspars, probably due to hematite.	4552	72.8	73.8	100	0.01							
					4553	73.8	74.8	100	0.01							
					4554	74.8	75.8	100	0.01							
					4555	75.8	76.8	100	<0.01							
					4556	76.8	77.8	100	<0.01							
					4557	77.8	78.8	100	<0.01							
82.7	104.3	21.6	100	Weakly altered alkali granite as above, but several zones (approx. 1.0m thick) of increased alteration occur. These are characterised by a weakly developed pervasive sericitisation. Biotites and muscovites are still largely unaltered. Weakly fractured with hematitic (orange-red) zones also developed.	4558	78.8	79.8	100	<0.01							
					4559	79.8	80.8	100	<0.01							
					4560	80.8	81.8	100	0.01							
					4561	81.8	82.8	100	0.01							
					4562	82.8	83.8	100	<0.01							

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DRILL CORE LOG AND ASSAY DATA

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INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA														
From	To	m	%		Sample No.	From	To	Rec. %	Sn										
				The granite also appears to be slightly sericitised.	4563	83.8	84.8	100	<0.01										
					4564	84.8	85.8	100	<0.01										
104.3	111.0	6.7	100	Pale green alkali granite. Weakly greisened and unfractured. All the micas are pseudomorphed by pale and dark green sericite.	4565	85.8	86.8	100	<0.01										
				The lower contact of this unit is marked by a 3cm coarse grained quartz pegmatite at 50° CA.	4566	86.8	87.8	100	<0.01										
					4567	87.8	88.8	100	<0.01										
					4568	88.8	89.8	100	<0.01										
					4569	89.8	90.8	100	<0.01										
				111.0 CONTACT	4570	90.8	91.8	100	<0.01										
					4571	91.8	92.8	100	<0.01										
				111.0-126.0 MEDIUM-COARSE GRAINED, UNALTERED POIMENA ADAMELLITE WITH NUMEROUS, THIN PEGMATITE AND ALKALI GRANITE PHASES.	4572	92.8	93.8	100	0.01										
					4573	93.8	94.8	100	<0.01										
					4574	94.8	95.8	100	<0.01										
111.0	126.0	15.0	100	Pink-grey medium-coarse grained granite, with large (2cm) pink feldspar phenocrysts. Some zones of sericitisation, otherwise unaltered. Unfractured. This granite phase is disrupted by many weakly greisened, pale green alkali granites, varying in thickness from 5cm to 30cm. Narrow pegmatites or coarse grained variations surround these alkali granites.	4575	95.8	96.8	100	<0.01										
					4576	96.8	97.8	100	<0.01										
					4577	97.8	98.8	100	<0.01										
					4578	98.8	99.8	100	<0.01										
					4579	99.8	100.8	100	<0.01										
					4580	100.8	101.8	100	<0.01										
					4581	101.8	102.8	100	<0.01										
				END OF HOLE 126.0m.	4582	102.8	103.8	100	<0.01										
					4583	103.8	104.8	100	<0.01										
					4584	104.8	105.8	100	<0.01										
					4585	105.8	106.8	100	<0.01										
					4586	106.8	107.8	100	<0.01										
					4587	107.8	108.8	100	<0.01										
					4588	108.8	109.8	100	<0.01										
					4589	109.8	110.8	100	<0.01										

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