HOLE NO. :	B.T. 179
STATE :	TASMANIA

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GOLD FIELDS EXPLORATION PTY. LIMITED
DRILL CORE RECORD

PROJECT	BLUE TIER
DESIGNED BY	A.J. CARTWRIGHT
LOGGED BY	J.W. BEDDOWS
COMMENCED	28/4/84
COMPLETED	7/5/84

PURPOSE

To test the possibility of there being a mineralized alkali granite cupola in the area north-west of Gough's Lode.

LOG SUMMARY

GENERAL COMMENTS

0-23.2 WEATHERED POIMENA ADAMELLITE.
23.2-60.55 ARGILLISED AND WEAKLY ALBITIZED POIMENA ADAMELLITE.
60.55-121.0 FRESH POIMENA ADAMELLITE.

ASSAY SUMMARY

INTERVAL														COMMENTS
From	To													

LOCATION

NORTHING	36810
EASTING	84225
R.L. (approx.)	545
GRID	A.M.G.
LENGTH	121.0

HOLE CONDITION

SIZE	
Hole Size	Depth
TRICONE	0.0-4.0
NQ	4.0-25.0
BQ	25.0-121.0

SIGNIFICANT CORE LOSS INTERVALS		
From	To	% Lost
4.0	7.0	85
7.0	23.0	100

POOR GROUND CONDITION ZONES		
From	To	Condition

HOLE CONDITIONS AFTER COMPLETION

HOLE OPEN. STORMWATER PIPE 0.5m ABOVE GROUND LEVEL.

SURVEY DATA (Note: Bearing type must be same as Project Grid Type)

SURVEY			INTERVAL			VERTICAL		HORIZONTAL		SURVEY			INTERVAL			VERTICAL		HORIZONTAL	
Depth	Bearing	Dip	From	To	Distance	D. Sin. Dip	R.L.	D. Cos. Dip	Prog. Total	Depth	Bearing	Dip	From	To	Distance	D. Sin. Dip	R.L.	D. Cos. Dip	Prog. Total
29.0	-	89.5	0.0	29.0	29.0	29.0	516												
74.0	-	89.5	29.0	74.0	45.0	45.0	471												
199.0	-	90.0	74.0	121.0	47.0	47.0	424												

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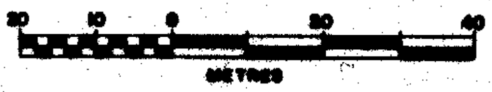
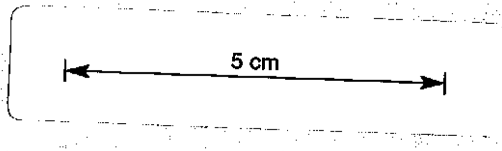
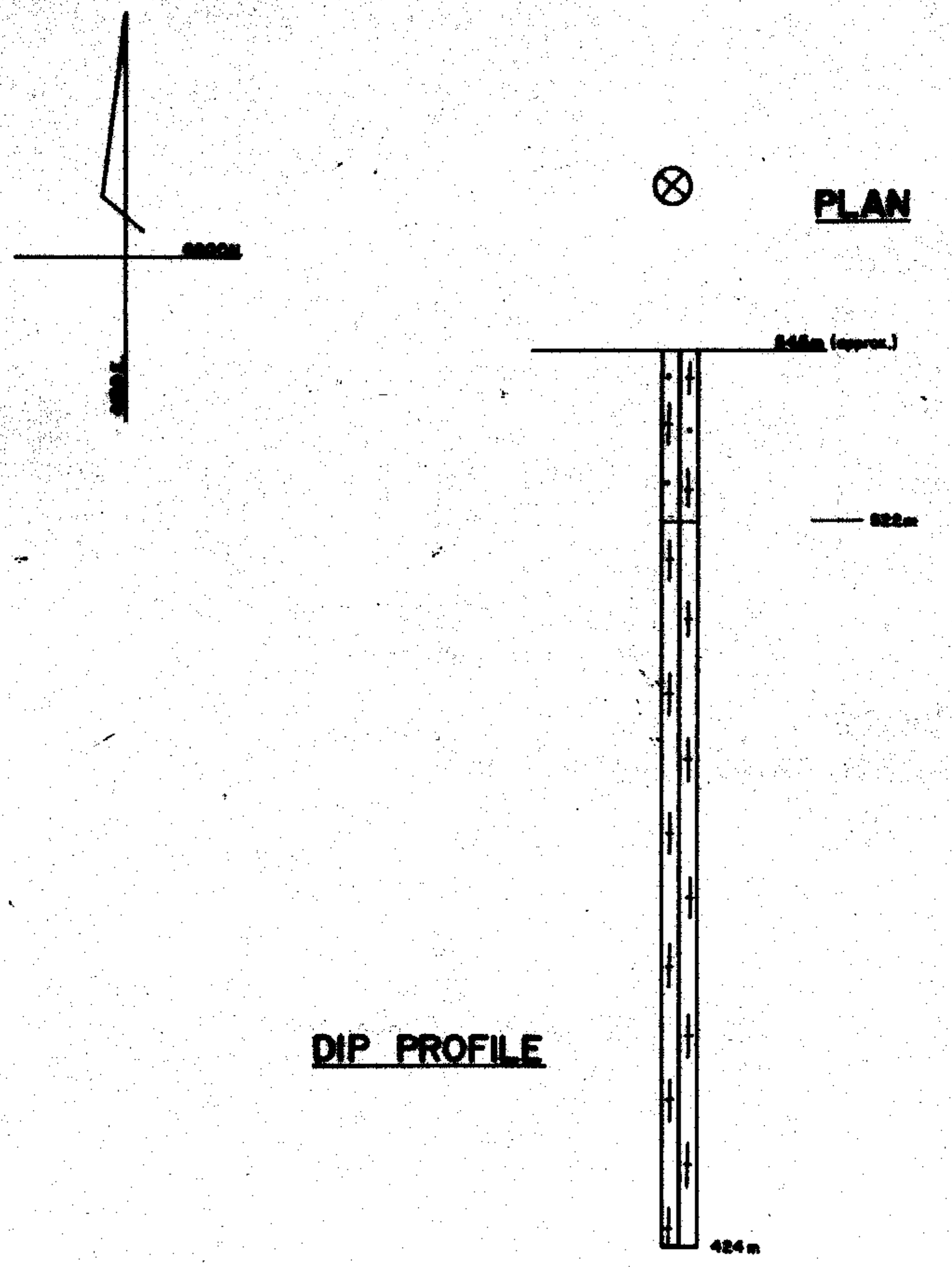
DIAMOND DRILL HOLE PLOT

SCALE 1:1000







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PROJECT: BLUE TIER

DRILL CORE LOG AND ASSAY DATA

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INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA			
From	To	m	%		Sample No.	From	To	Rec. %
				SUMMARIZED LOG				
0	23.2			SOIL, SAND, CLAY AND WEATHERED POIMENA ADAMELLITE.				
23.2	60.55			POIMENA ADAMELLITE, MODERATE TO STRONG ARGILLIC ALTERATION AND WEAK ALBITIC ALTERATION.				
60.55	121.0			POIMENA ADAMELLITE THAT IS ESSENTIALLY FRESH WITH MINOR SERICITC ALTERATION AROUND VEINS AND JOINTS.				
				DETAILED LOG				
				0-23.2 SOIL, SAND, CLAY AND WEATHERED ADAMELLITE.				
0.0				Tricone, no core recovery.				
4.0	7.0	0.4	13.3	Highly weathered and iron stained brown granite. Coarse grained and porphyritic.				
7.0	23.0	0.0	0	No core recovery but cuttings indicate a red, brown sand, clay mixture.				
23.0	23.2	0.2	100	Weathered weakly albitized porphyritic granite. Feldspars are an orangey-red colour.				
				23.2-60.55 ARGILLIZED AND WEAKLY ALBITIZED ADAMELLITE WITH PEGMATITE.				
23.2	32.7	9.5	100	Pink-grey medium grained porphyritic granite. Albitic alteration is weak giving orangey-pink feldspars. There is a pervasive weak argillic alteration and some minor sericitization around joint planes. Argillic alteration gets stronger towards the bottom of this interval. 29.85m Zone of highly altered fine-medium grained equigranular				

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INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA			
From	To	m	%		Sample No.	From	To	Rec. %
				granite about 12-15cm wide. This zone is very rich in a brown or black biotite.				
32.7	33.65	0.95	100	Grey-white granite similar to above,but feldspars have almost entirely altered to a white clay. Most of the micas have also gone. The last 35cm is slightly less altered and contains some orange to pink feldspars.				
33.65	35.85	2.20	100	Much finer grained porphyritic pink-white granite. Feldspars give the pink colouration. Quartz is mainly white or clear. Rock also contains some brown or black biotite.				
35.85	36.75	0.80	100	Highly altered, fine grained, white granite rock. Few minerals are recognisable due to degree of argillization but this is probably an aplite. The rock contains no biotite at all.				
36.75	47.95	11.20	100	Fine to medium grained, weakly porphyritic pinkish to white granite depending on degree of argillization. Pink is due to weak albitization in feldspars but this is white after alteration. Thin aplites? (approx. 15cm wide occur at 44.9m and 45.85m.)				
47.95	48.70	0.75	100	Aplite. Similar to that at 35.95m.				
48.80	60.55	11.85	100	Medium grained porphyritic granite. Pinkish-white to pinkish-green depending on degree of argillization of sericitization producing the green micaceous material. Zone of very strong argillization (really just a clay and sand pug) occurs between 52 and 55m. and 58.0-58.85m.				
				60.55-121.0 FRESH ADAMELLITE WITH MINOR SERICITIC ALTERATION AROUND JOINTS AND VEINS.				
60.55	62.25			This interval is fresh but albitized pinkish to grey porphyritic granite. The albitization decreases from top to bottom of interval. Feldspars are up to 4cm long. Minor sericitic alteration is also seen				

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INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA			
From	To	m	%		Sample No.	From	To	Rec. %
				seen around joints and veins.				
62.55	121.0	58.45	100	Essentially unaltered grey, medium grained strongly porphyritic g granite. Feldspars 3-4cm long are quite common and mica rich black xenoliths are also seen. Weak sericitic alteration if found around the joints and thin veins cuttling the granite.				
				END OF HOLE 121.0m.				

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