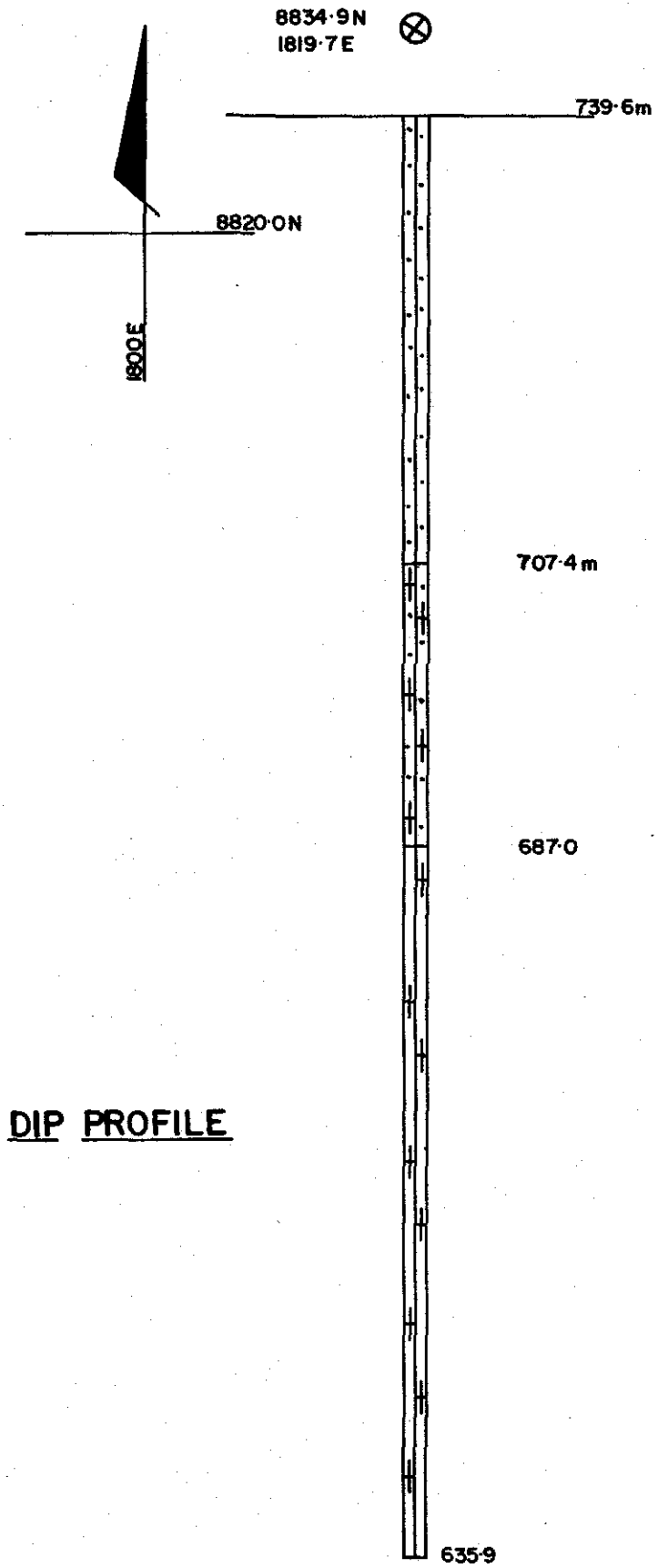
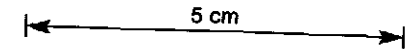


HOLE NO. BT 148

GOLD FIELDS EXPLORATION PTY. LIMITED
DIAMOND DRILL HOLE PLOT

SCALE 1:



PLAN

DIP PROFILE

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

PROJECT: BLUE TIER

HOLE NUMBER: B.T. 148

Page: 1.

ULV. PRESS

| INTERVAL | | RECOVERY | | DESCRIPTION | ASSAY DATA | | | | | | | | | | | | | |
|----------|--------|----------|---|---|------------|------|----|--------|--|--|--|--|--|--|--|--|--|--|
| From | To | m | % | | Sample No. | From | To | Rec. % | | | | | | | | | | |
| | | | | SUMMARISED LOG | | | | | | | | | | | | | | |
| 0 | 32 | | | SOIL, CLAY AND WEATHERED POIMENA ADAMELLITE. | | | | | | | | | | | | | | |
| 32 | 52.60 | | | SLIGHTLY WEATHERED POIMENA ADAMELLITE. | | | | | | | | | | | | | | |
| 52.60 | 103.70 | | | POIMENA ADAMELLITE WITH NARROW ZONES EXHIBITING MODERATE ALTERATION, APLITES AND PEGMATITES. | | | | | | | | | | | | | | |
| | | | | DETAILED LOG | | | | | | | | | | | | | | |
| | | | | 0-32 SOIL AND DEEPLY WEATHERED ADAMELLITE. | | | | | | | | | | | | | | |
| 0 | 10 | 10 | | Brown, coarse grained clayey soil. Weathered white feldspars and black biotites. | | | | | | | | | | | | | | |
| 10 | 22 | 12 | | Rock chips, clay and sand; light and dark brown. A few large unaltered feldspar phenocrysts. | | | | | | | | | | | | | | |
| 22 | 29 | 7 | | Increased sand component. Some feldspars are pink. Dark brown fragments - still soil. | | | | | | | | | | | | | | |
| 29 | 32 | 3 | | Clay content increases to a brown clay layer between 31 and 32 (poor recovery). | | | | | | | | | | | | | | |
| | | | | 32-52.6 SLIGHTLY WEATHERED ADAMELLITE. | | | | | | | | | | | | | | |
| 32 | 49 | 17 | | Pink-brown weathered granite. Minor clay and sand fraction. Feldspars are both white and pink - unweathered. A clay-rich seam occurs between 40 and 42. | | | | | | | | | | | | | | |
| 49 | 52.60 | 3.60 | | Orangey - grey porphyritic granite. Coarse grained with few joints and minor sericite patches. Thin pegmatites and limonite staining are common. | | | | | | | | | | | | | | |

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

PROJECT: BLUE TIER

HOLE NUMBER: B.T. 148

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| INTERVAL | | RECOVERY | | DESCRIPTION | ASSAY DATA | | | | | | | | | | | | | |
|----------|-------|----------|-----|--|------------|------|----|--------|--|--|--|--|--|--|--|--|--|--|
| From | To | m | % | | Sample No. | From | To | Rec. % | | | | | | | | | | |
| | | | | 52.60-103.70 POIMENA ADAMELLITE, VARIABLY WEAKLY ALTERED WITH PEGMATITES AND APLITES. | | | | | | | | | | | | | | |
| 52.60 | 56.30 | 3.70 | 100 | Grey porphyritic, coarse grained granite. 2-3cm white feldspar phenocrysts, coarse grained, black biotites "books" and xenoliths of mafic crystals-fine grained biotites, 2-3cm wide. Unfractured. | | | | | | | | | | | | | | |
| 56.30 | 56.60 | 0.30 | 100 | A 8cm thick coarse grained pegmatite of feldspar-quartz and rare biotite, at 75°C. Underlain by 7cm quartz vein-massive quartz with rare feldspars and biotites. Underlain by 15cm mixed fine and coarse grained pegmatite similar to the one above. | | | | | | | | | | | | | | |
| 56.60 | 58.95 | 2.35 | 100 | Orangey-grey porphyritic granite. Limonite stained quartz (small phenocrysts - 0.5cm) and patches of light green sericite. A 0.3cm (70°C) quartz veinlet at 58.85. | | | | | | | | | | | | | | |
| 58.95 | 63.85 | 4.90 | 100 | Pink-grey porphyritic, coarse grained granite with rare patches of yellow-green sericite. Very thin quartz veinlets infilling fractures gives way to sericite infillings with increased fracturing grading downwards. Between 60.45 and 60.85, 20cm. of soft highly fractured, strongly sericitised granite: underlain by 20cm of unfractured, coarse grained, pink pegmatite. | | | | | | | | | | | | | | |
| 63.85 | 65.65 | 1.50 | 84 | Very coarse grained pinkish granite. Crumbly with abundant light to green sericite. Subhorizontal, parallel, closely spaced, thin sericite filled fractures and quartz veinlets. Biotite is uncommon. | | | | | | | | | | | | | | |
| 65.65 | 69.55 | 3.90 | 100 | Coarse grained pink granite. Competent with few fractures or quartz veinlets. Much biotite. A few subhorizontal layers of 1-2mm thick veinlets of quartz, sericite and ?chlorite. | | | | | | | | | | | | | | |
| 69.55 | 73.15 | 3.60 | 100 | Pink granite, coarse grained with large (1cm) patches of pale green sericite. Fractures increase locally to produce crumbly rock (sericite coated fractures) and between 70.90 and 70.95 | | | | | | | | | | | | | | |

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

PROJECT: BLUE TIER

HOLE NUMBER: B.T. 148

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ULV. PRESS

| INTERVAL | | RECOVERY | | DESCRIPTION | ASSAY DATA | | | | | | | | | | | | | |
|----------|--------|----------|-----|--|------------|------|----|--------|--|--|--|--|--|--|--|--|--|--|
| From | To | m | % | | Sample No. | From | To | Rec. % | | | | | | | | | | |
| | | | | a very fine grained, sub-horizontal aplite of quartz-feldspar-muscovite. | | | | | | | | | | | | | | |
| 73.15 | 75.00 | 1.85 | 100 | Very faint pink-greenish-grey granite. Quartz veining and fractures are absent or rare, as are sericite patches. A few large (5cm) xenoliths of quartz-feldspar-numerous small biotites ("mafic clots") are present. | | | | | | | | | | | | | | |
| 75.00 | 81.35 | 6.35 | 100 | Green-dark grey granite. Large feldspar phenocrysts are green-white. Green colour fades with depth as does sericite and rare "mafic clots". Between 75.00 and 76.80 are numerous, thin parallel (45°CA) veinlets of "black quartz". | | | | | | | | | | | | | | |
| 81.35 | 92.65 | 11.30 | 100 | Pale grey granite, biotite poor and coarse-medium grained. Feldspar phenocrysts are off-white and quartz is grey. Modal biotite increases with depth. Between 90.80 and 90.85 a coarse grained quartz-feldspar-rare biotite pegmatite. | | | | | | | | | | | | | | |
| 92.65 | 94.60 | 1.95 | 100 | Grey-granite with slightly pink feldspar phenocrysts. Between 93.30-93.55 and 94.20 and 94.60, strongly sericitised, pale green, crumbly rock. | | | | | | | | | | | | | | |
| 94.60 | 99.80 | 5.30 | 100 | Slight pink and green-grey granite. Porphyritic and coarse grained. Aplites fine grained, equigranular, consisting of quartz, feldspar and rare biotite, occur between 98.20-98.30 and 98.50-98.70. | | | | | | | | | | | | | | |
| 99.80 | 103.70 | 3.90 | 100 | Pinkish-grey granite, coarse grained and porphyritic. Rare, red hematitic horizons. | | | | | | | | | | | | | | |
| | | | | END OF HOLE 103.70 | | | | | | | | | | | | | | |

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