

5 cm

4404E

771

### BODDYS CREEK

|                       | COLUMN | LITHOLOGY   | MARKER HORIZON     | CONTROL   | FORMATION AND AGE | WEST C/L | N - S FAULT |
|-----------------------|--------|---|--------------------|---|-------------------|----------|-------------|
| WEST C/L FAULT        | F      | 18m No outcrop.   |                    | Permian soil  | MALBINA FORMATION | PERMIAN  |             |
|                       |        | 15m Fossil location 4 Fauna III Creamy siltstone and mudstone <i>Fenestella rich</i>  | 'Grange' Lithology | discontinuous outcrop   |                   |          |             |
|                       | Pm     | 45m No exposure.  |                    |   |                   |          |             |
| LESLIE VALE - MARGATE |        | 30m Bedded dark grey siltstone. Sediments well baked.   |                    | poor outcrop  |                   |          |             |
| N - S FAULT           | F      | 15m Lower Boddys Creek dolerite.  |                    | good exposures  | JURASSIC          |          |             |
|                       |        | 9m White siltstone <i>Fenestella rich</i> .   | 'Grange' Lithology |   | MALBINA FORMATION | PERMIAN  |             |
|                       |        | 30m Hard unfossiliferous dark grey siltstone, well bedded and jointed.  |                    | frequent but poor exposures   |                   |          |             |
|                       | Pm     | 60m No exposure.  |                    |   |                   |          |             |
|                       |        | 45m Baked - well bedded and jointed, fossiliferous siltstone.   |                    | good almost continuous exposures  |                   |          |             |
|                       |        | 60m Upper Boddys Creek dolerite - very coarsely crystalline   |                    | very good outcrop   | JURASSIC          |          |             |
| SOUTHERN OUTLET       | F      | 48m Sandy siltstone and silty sandstone. Well jointed blocks with fossils. Found capping hill to east of junction. To the east of two tributaries of Boddys Creek junction. |                    | poor outcrop in stream  | MALBINA FORMATION | PERMIAN  |             |
| N - S FAULT           |        | 9m Fossil location 9 Fauna III Creamy siltstone and sandy siltstone.  | 'Grange' Lithology |   |                   |          |             |
|                       |        | 36m Grey siltstone and sandy siltstone.   |                    |   |                   |          |             |
| NW - SE               | F      | 9m Fossil location 8 Fauna III Creamy sandy siltstone.  | 'Grange' Lithology | Very poor discontinuous outcrop. The two headwater tributaries of Boddys Creek. | JURASSIC          |          |             |
|                       | F      | 12m Grey siltstone.   |                    |   |                   |          |             |
|                       |        | 150m + Parks Hill dolerite sill   |                    |   |                   |          |             |

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Figure 4

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