

0-12 m: No core

12-16 m: Weathered (pale brown) dolerite.

16-128.0 m: Dolerite. Medium to fine-grained, becoming finer very gradually with depth. Two, near-vertical veins filled with white powdery ?zeolite and beige clay, 2-4 cm wide, 82-84.5 m, 87-88 m.

128.0 – 152.8 m: Fine-grained lithic sandstone, and minor pale grey hornfels. Sandstone coarsens towards base (becoming medium-grained). SBC (Sharp bottom contact).

152.8-162.0 m: Dark grey carbonaceous siltstone and mudstone, with minor thin coal beds. GBC (Gradational bottom contact).

162.0-169.5 m: Fine-med grained lithic sandstone, coarser towards base. SBC.

169.5 – 171.5 m: dominantly pale grey mudstone.

171.5 – 185.0: Fine-med grained lithic sandstone.

185.0-189.6: Dominantly pale grey mudstone passing down into carbonaceous mudstone.

189.6 -208.0 (approx): Lithic sandstone; intraclastic conglomerate 201.3-201.6 m; common coaly wisps 206 m- 208 m.

208 m-213.7 m: Most of the core is missing. Numerous cardboard markers, recording collection of "siltstone" (X6) and "clayey mudstone" (X1). What remains in tray is dark grey silty mudstone. Note: This interval may be the "F" (Duncan) seam, by correlation of stratigraphy and RLs with nearby DOM44.

213.7 – 245.2 m: Uniform, medium-grained lithic sandstone. Wisps of bright coal here and there.

245.2- 249.5 m: Dark grey mudstone, laminated in places. GBC.

249.5 – 251.0 m: Sandstone, laminated and fine-grained at top and coarsens downwards. SBC.

251.0 – 253.2 m: Medium to dark grey mudstone. GBC.

253.2 – 255.1 m: Coal. SBC. Note: This may be the "G" (East Fingal) seam, by correlation with the nearby DOM 44.

255.1 – 257.0 m: Grey mudstone. GBC.

257.0 – 259.0 m: Sandstone. SBC.

259.0 – 263.6 m: Grey mudstone and siltstone. Two calcite concretions, 0.15 – 0.2 m across. GBC.

263.6 – 264.6 m: Dominantly fine-grained sandstone. SBC.

264.6 -265.4 m: Coal. GBC.

265.4 – 270.7 m: Mudstone and siltstone.

270.7- 276.1 m: Fine-med grained lithic sandstone. SBC.

276.1 – 277.7 m: Mudstone, with minor thin beds of fine-grained sandstone and siltstone. GBC.

277.7 – 281.8 m: Lithic sandstone. GBC.

281.8 – 286.5 m: Carbonaceous mudstone. GBC.

286.5 – 295.8 m: Uniform, medium grained lithic sandstone. SBC.

295.8 – 296.3 m: Mudstone. GBC.

296.3 – 296.8 m: Sandstone. SBC.

296.8 – 299.0 m: Mudstone, siltstone and cross-laminated fine sandstone.

299.0 – 301.0 m: Dominantly carbonaceous mudstone.

301.0 m: end of hole.