

STRATIGRAPHY AND SEDIMENTOLOGY OF THE BILLY CREEK FORMATION (CAMBRIAN, FLINDERS RANGES) AND ITS EQUIVALENTS ON THE NORTHEAST COAST OF KANGAROO ISLAND, SOUTH AUSTRALIA

(VOLUME 2)

BY

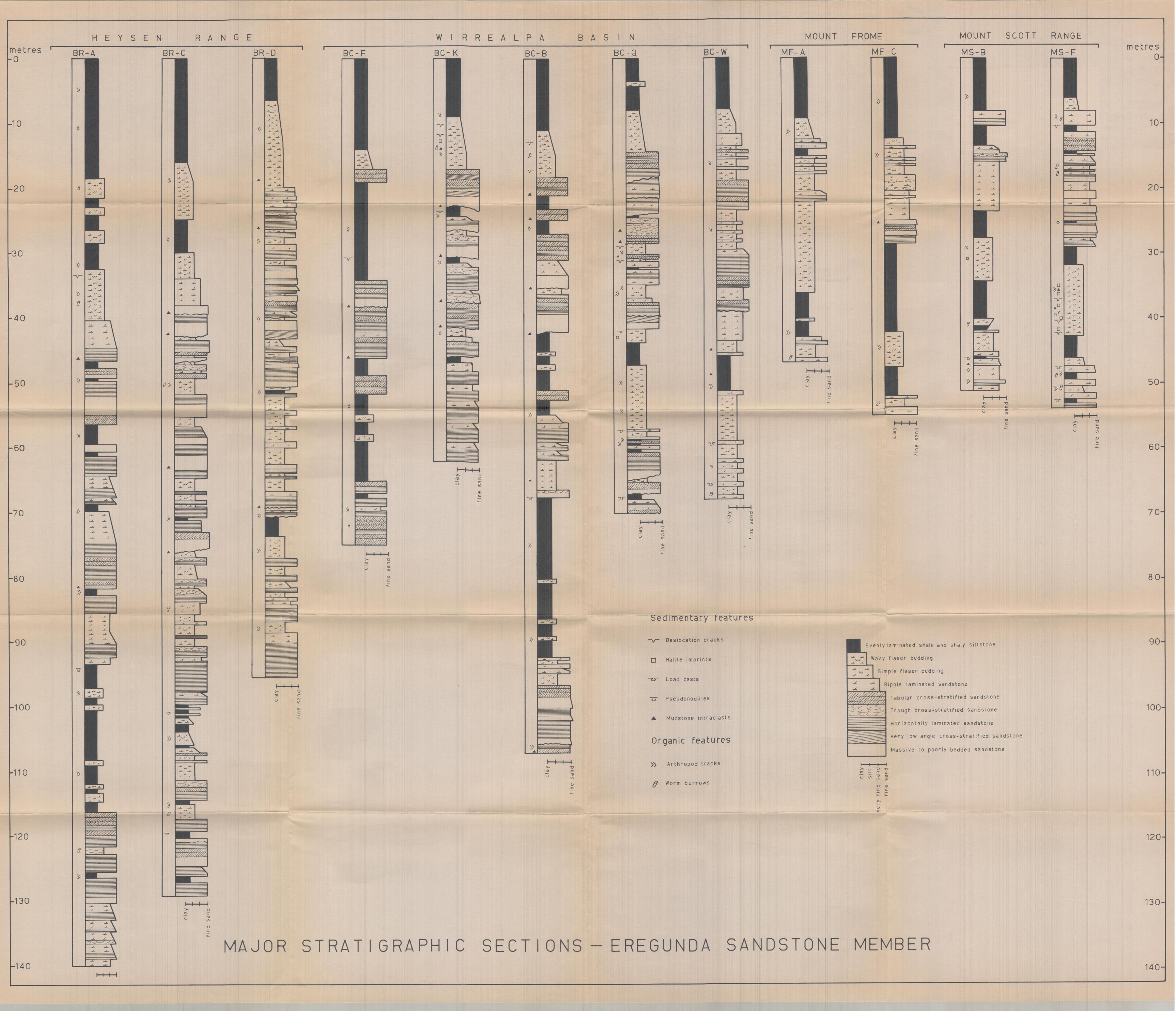
PETER STANLEY MOORE, B.Sc. (HONS.) (WOLLONGONG)

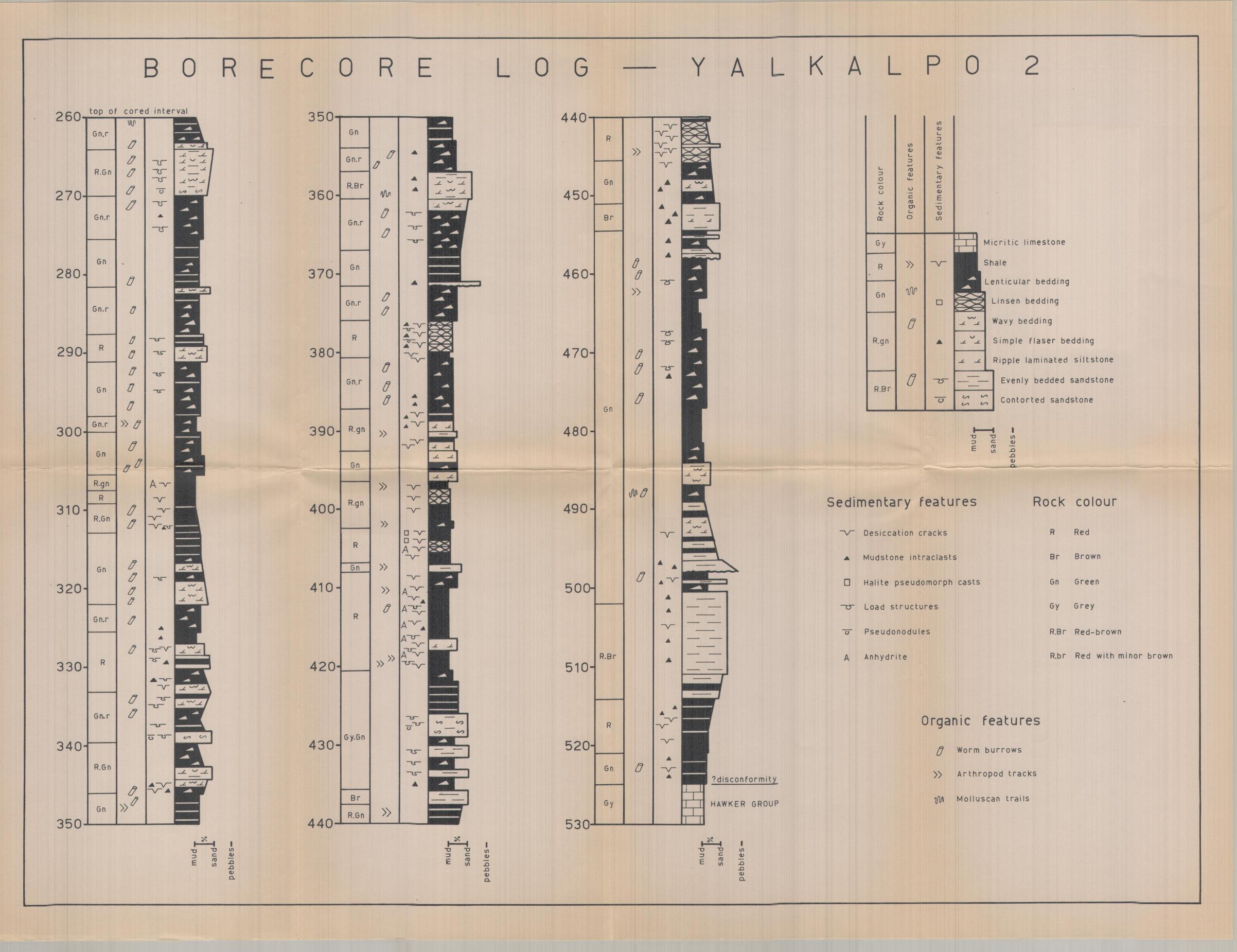
DEPARTMENT OF GEOLOGY AND MINERALOGY

UNIVERSITY OF ADELAIDE

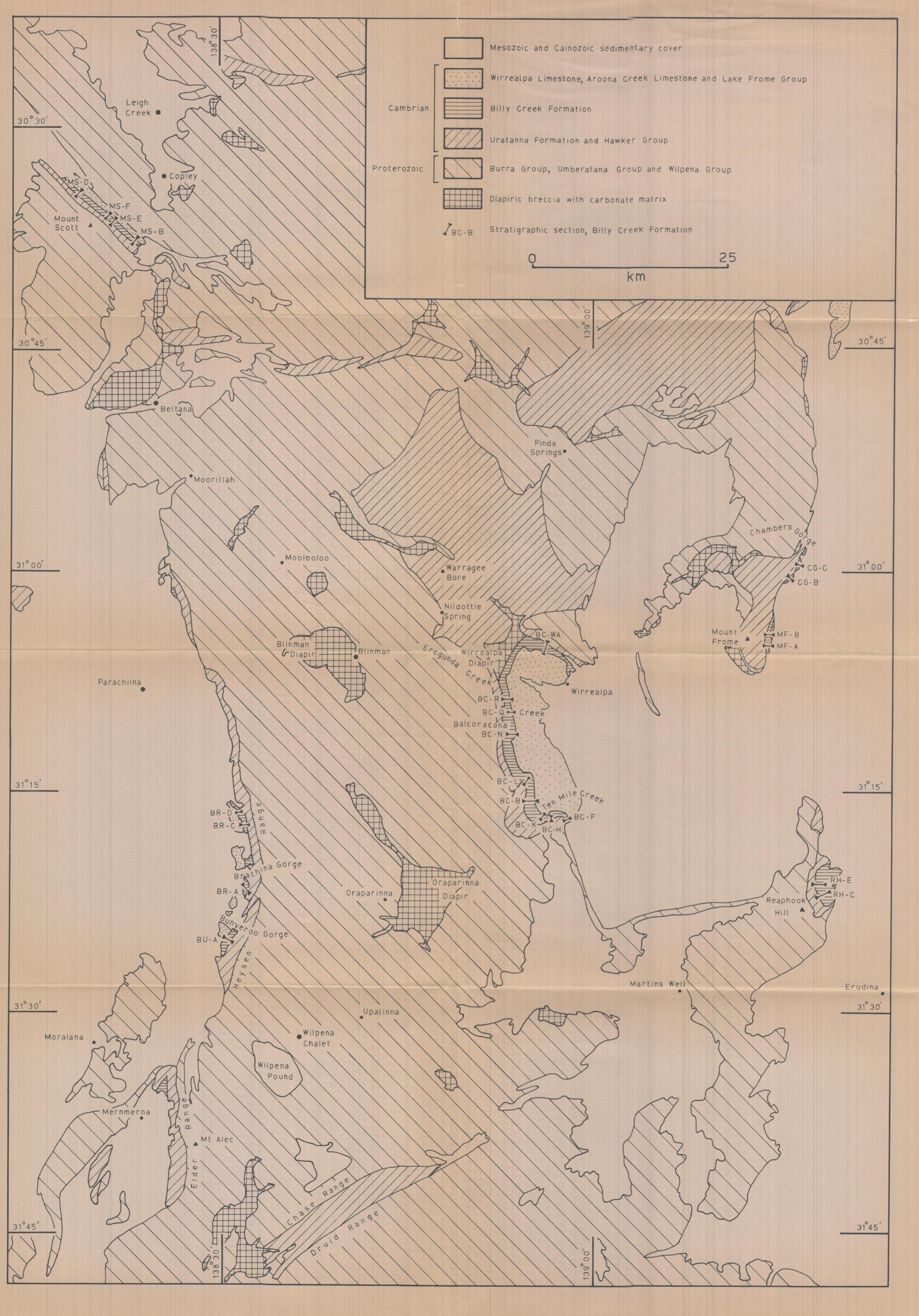
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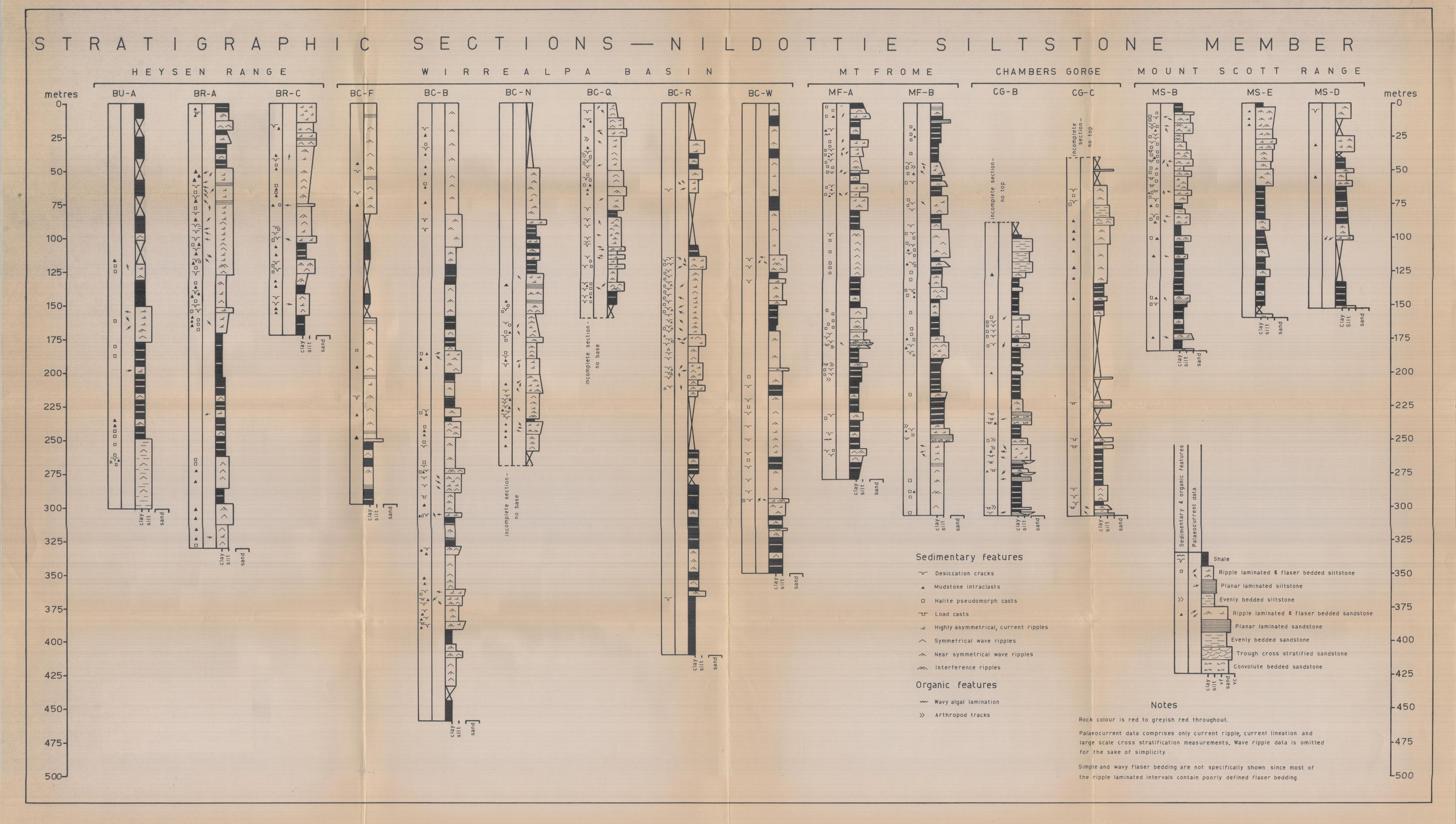
Awarded 14 March 1780



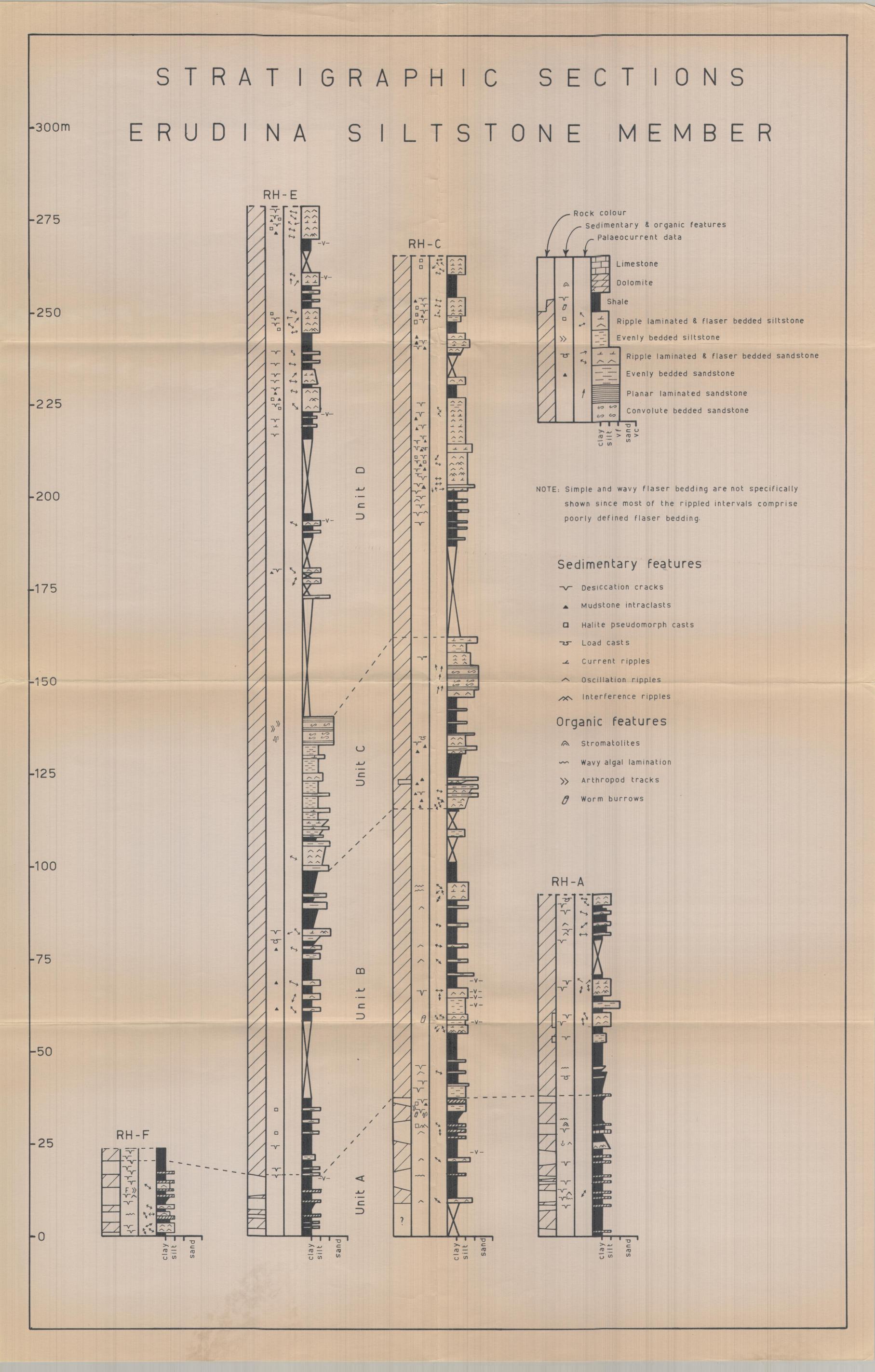


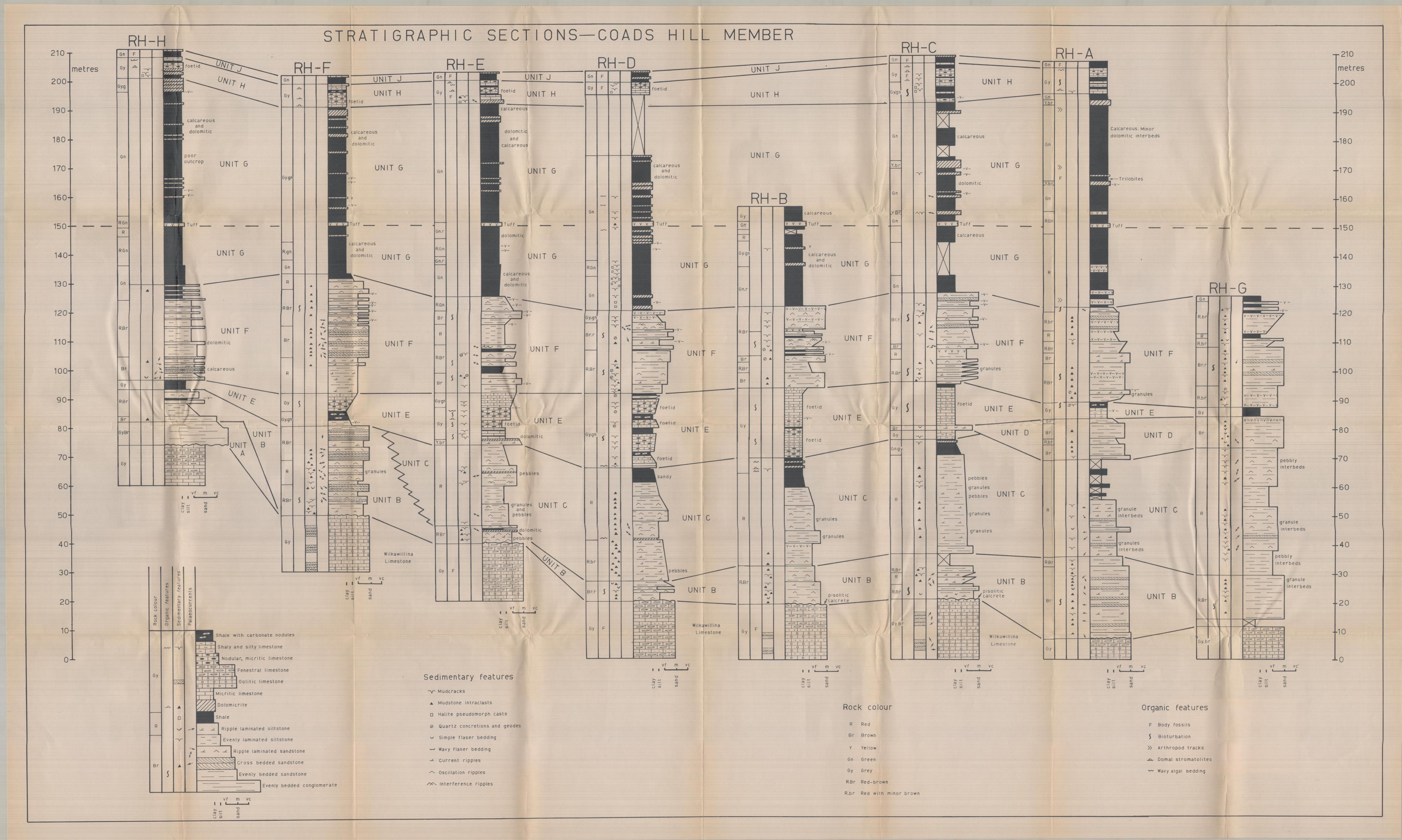
RECO RE 260 top of cored interval 350-440-Gn.r 2 360-270-450-Gn.r Micritic limestone 280-370 460-Lenticular bedding 25 Gn Linsen bedding Gn.r Wavy bedding 75 R.gn Simple flaser bedding 290-380-470-Ripple laminated siltstone 75 Evenly bedded sandstone R.Br 0 Contorted sandstone Gn 300-390- R.gn 480-NO Sedimentary features Rock colour 400-490-310 R.Gn To Desiccation cracks Red Mudstone intraclasts Brown Gn 410-☐ Halite pseudomorph casts 320-500-Gy Grey To Load structures o Pseudonodules R.Br Red-brown A Anhydrite R.br Red with minor brown 330-420-510-Organic features 430- Gy.Gn 340-520-@ Worm burrows R.Gn Gn ~ >> Arthropod tracks ?disconformity M Molluscan trails HAWKER GROUP 530-





STRATIGRAPHIC SECTIONS — WARR AGEE MEMBER HEYSEN RANGE MTFROME CHAMBERS GORGE MOUNT SCOTT RANGE metres BR-A BR-C BC-G BC-L BC-R BC-W MF-A MF-B CG-C CG-B MS-B MS-D MS-E metres -25 50-75-100--100 125-150--150 Sedimentary features 175-The Desiccation cracks -175 ▲ Mudstone intraclasts Halite pseudomorph casts 200--200 Quartz concretions and geodes O Ooliths 225-ਤ Load structures o Pseudonodules ∠ Current ripples 250--250 ∧ Oscillation ripples Limestone Dolomite Organic features 275--275 F Fossils Ripple laminated siltstone 8 Bioturbation 300-Evenly laminated siltstone -300 >> Arthropod tracks Ripple laminated sandstone no Domal stromatolites tuffaceous Evenly bedded sandstone 325-Wavy algal bedding calcareous -325 350--350 375-375 400 L400





MAJOR STRATIGRAPHIC SECTIONS NORTHEAST COAST OF KANGAROO ISLAND

