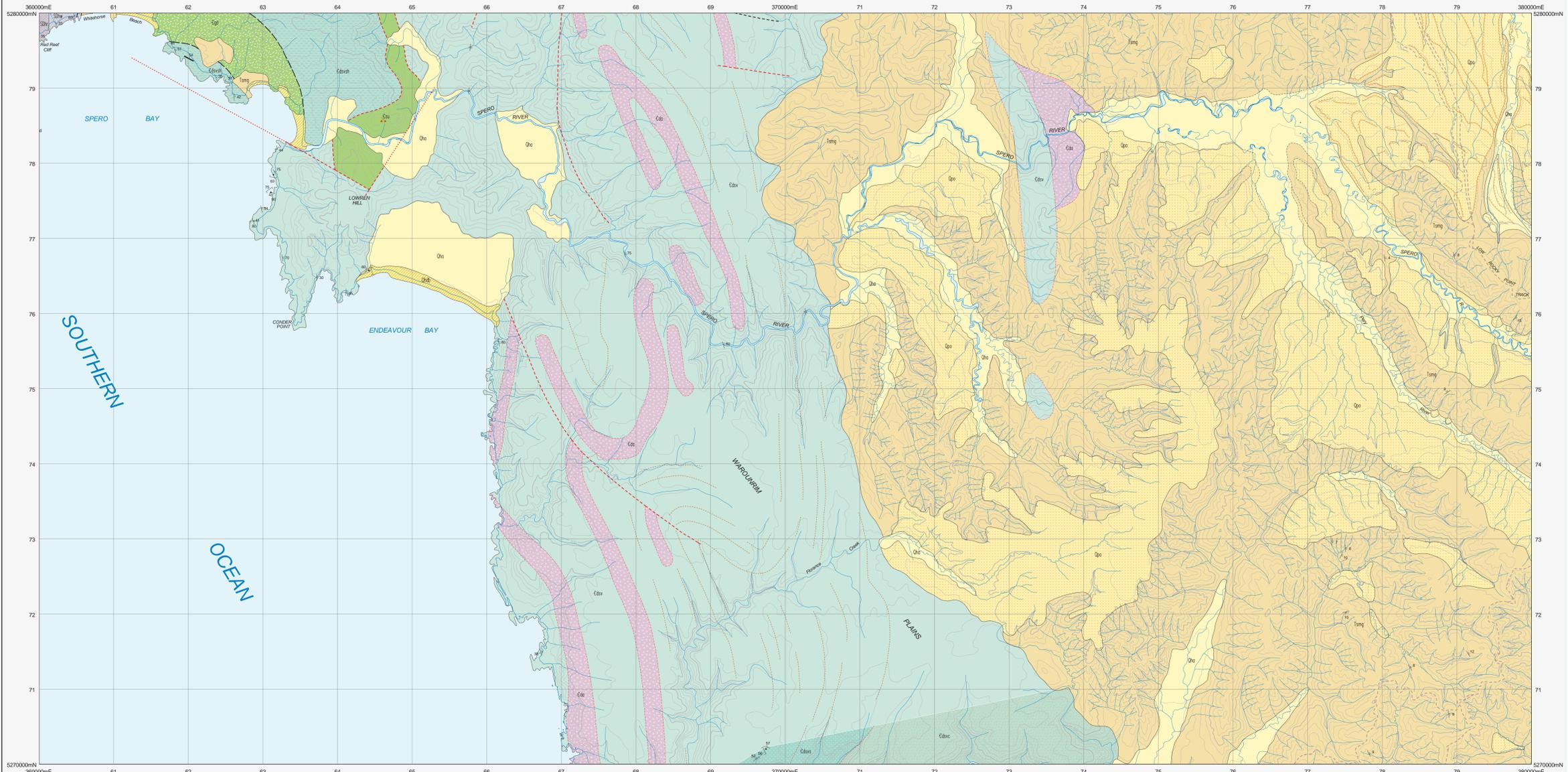


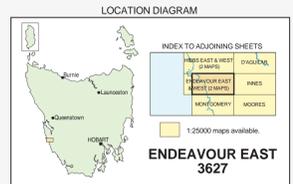
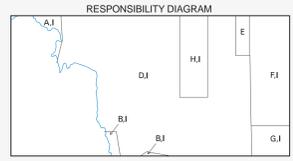
ENDEAVOUR EAST

Scale: 1:25 000



COMPOSITE LEGEND FOR ENDEAVOUR EAST AND ENDEAVOUR WEST

<p>CENOZOIC</p> <p>QUATERNARY</p> <ul style="list-style-type: none"> Qhb Modern shore face and associated aeolian dune sand (Qhb). Qsa Alluvium and swamp deposits (Qsa). Qpo Older alluvial gravels, mostly on raised terraces developed on Tertiary deposits, and showing a gradational relationship to younger alluvium (Qpo). Qe Erosional surface. Tsmg Semi-consolidated interbedded sands, pebble-cobble gravels (up to boulder grade at some places), silt and clay; some horizons contain coalified wood and rare amber (Tsmg). <p>TERTIARY</p> <ul style="list-style-type: none"> PK Marine sequence of grey, poorly sorted polymict cobble-pebble lithic conglomerate, pebbly lithic sandstone, siltstone, calcareous mudstone and limestone, with abundant marine macrofossils in some beds (PK). (Correlate of Lower Permian Supergroup). <p>LATE DEVONIAN</p> <ul style="list-style-type: none"> PK Angular unconformity due to Middle Devonian polyphase orogeny. <p>EARLY DEVONIAN</p> <ul style="list-style-type: none"> SDbe Pale-weathering, cross-bedded, well-sorted marine quartz sandstone with minor siltstone and conglomerate; fossiliferous bed near top contains brachiopods, tentaculites and orthoconic cephalopods (SDbe). (Whitaker Beach Sandstone). SDh Unfossiliferous redbed sequence of predominantly fine-grained lithic sandstone with subordinate coarse lithic sandstone and lithic conglomerate, arranged in inter-tongued sequences (SDh). (Red Reef Cliff Sandstone). SDh Interbedded fossiliferous marine limestone and calcareous mudstone, with abundant coral heads up to 0.5m in diameter (SDh). (Point Hibbs Formation). <p>Possible disconformity.</p>	<p>PALEOZOIC</p> <p>MIDDLE DEVONIAN</p> <ul style="list-style-type: none"> Ql Dark grey limestone, dolomite, calcareous mudstone, minor quartz sandstone and black clay weathering products; in part fossiliferous (Ql). Qs Dominantly brown to red-weathering cross-bedded quartz sandstone with current ripples and disturbation in some beds, and minor pebble conglomerate and siltstone (Qs). <p>ORDOVICIAN</p> <p>Inferred unconformity</p> <ul style="list-style-type: none"> Cdsv Mixed sequence of volcano-sedimentary, sedimentary and volcanic rocks, ranging from felsic to andesitic in composition. May include non-volcanic sedimentary rocks (Cdsv). Cda Andesitic lavas and breccias and possible intrusives, typically pyroxene-plagioclase-phyric. Includes some units mapped from aeromagnetic signature (Cda). Cdvc Dominantly volcanoclastic conglomerate and lithic calcareous sandstone with interbedded siltstone and mudstone (Cdvc). Cdsvs Dominantly quartz-rich sandstone with interbedded siltstone and mudstone and minor conglomerate (Cdsvs). Cdsvh Dominantly siltstone-mudstone sequence, grey to greenish-grey, thin-bedded, with subordinate thin graded turbiditic sandstone units (Cdsvh). <p>PROTEROZOIC</p> <p>PRETERTIARY</p> <ul style="list-style-type: none"> Pon Inferred erosional surface. Metamorphosed interbedded gneiss and mudstone/siltstone (Pon). (Correlate of Ganah Formation). 	<p>INTRUSIVE ROCKS</p> <p>JURASSIC</p> <ul style="list-style-type: none"> Jd Dolerite (Jd). <p>PALEOZOIC</p> <p>EARLY DEVONIAN</p> <ul style="list-style-type: none"> Cda Andesitic lavas and possible intrusives (Cda). Cgd Gabro dykes, intrusive bodies and fault-bounded units (Cgd). Ccu Undifferentiated, generally coarse-grained ultramafic rocks, gabro and altered serpentinite (Ccu). <p>ALLOCHTHONOUS SEQUENCES</p>	<p>Geological boundary - position accurate or approximate.</p> <p>Geological boundary - inferred.</p> <p>Geological boundary inferred from airborne magnetic and/or radiometric data.</p> <p>Fault - unspecified type, position accurate or approximate.</p> <p>Fault - unspecified type, inferred.</p> <p>Fault - unspecified type, concealed.</p> <p>Fault - unspecified type, inferred from aeromagnetic data.</p> <p>Fault - unspecified type, concealed, inferred from aeromagnetic data.</p> <p>Lithological trend line.</p> <p>Scarp.</p> <p>Thrust Fault (teeth on upper plate) inferred.</p> <p>Limit of mapping of sub-unit within undifferentiated rock unit.</p>	<p>Strike and dip of bedding, facing known - right way up; overturned.</p> <p>Strike and dip of bedding, facing unknown - dipping vertical.</p> <p>Strike and dip of cleavage, type and relative age unspecified - dipping vertical.</p> <p>Trend and plunge of hinges of minor fold, relative local age F2, with dip and dip direction of outer surface indicated.</p> <p>Strike and dip of circulation cleavage.</p> <p>Strike and dip of outcrop-scale fault.</p> <p>Field station for adjacent readings on the map.</p> <p>Mineral deposit location - hardrock - Data derived from Mineral Resources Tasmania (MRT) 1:25 000 scale data base. Data point position has not been verified in every case.</p>	<p>Compiled by D.B. Seymour, B.Sc (Hons), Ph.D and D. Green B.Sc (Hons), Ph.D. 2003 from the following sources (see Responsibility Diagram).</p> <p>A Unpublished mapping by M.P. McCleughan, B.Sc (Hons), Ph.D., 1990.</p> <p>B Unpublished mapping by A.V. Brown, B.Sc (Hons), Ph.D., 1989.</p> <p>C Unpublished mapping by D.B. Seymour, B.Sc (Hons), Ph.D., 1989-90.</p> <p>D New aeromagnetic and aerogratic interpretation, with additional information from BHP Co. Ltd. Exploration Dept. 1989. 1:100 000 Geological Map - Point Hibbs (Double Cove & Hobbs Bays), EL 1365 Southwest Tasmania.</p> <p>E 1:250 000 Geological series, Southwest Tasmania (Endeavour East only).</p> <p>F BRADBURY, J., PEMBERTON, J., VICARY, M.J. and CORBETT, K.D. 1992. Geology of the D'Agulhar Range area, Map 12, Mt Read Volcanics Project. Department of Mines, Tasmania. (Endeavour East only).</p> <p>G VICARY, M.J., PEMBERTON, J., BRADBURY, J. and CORBETT, K.D. 1992. Geology of the Wardour River - Moore Valley area, Map 11, Mt Read Volcanics Project. Department of Mines, Tasmania. (Endeavour East only).</p> <p>H Green, D.G. 2003. Ground truthing WTRMP geophysical interpretations south of Macquarie Harbour. Tasmanian Geological Survey record 2003/12. Mineral Resources Tasmania.</p> <p>Updated by: I K.D. Curran, 2004 as part of the Western Tasmania Regional Minerals Program.</p>
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GDAS4 - MGA Zone 55. Contour Interval: 20 metres.

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