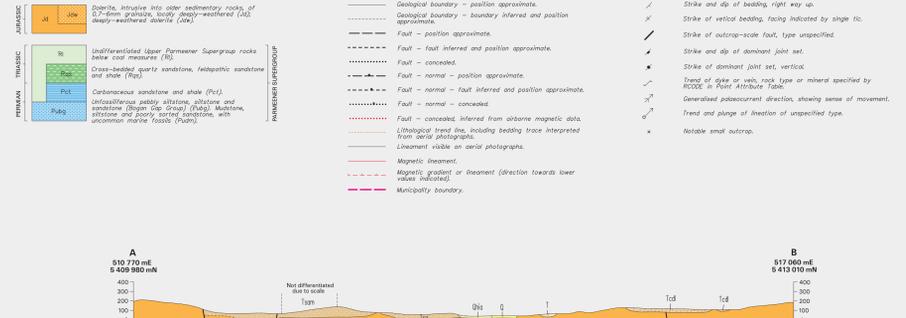


PERMIAN	TRIASSIC	CRETACEOUS	QUATERNARY
<p>10 Un differentiated Cambrian sediments (T0)</p> <p>11 Eroded surface</p> <p>12 Ferriferous, laterite and bauxite with cemented and soft layers, includes base remnants of laterite profile grading down into weathered laterite in places (T1)</p> <p>13 Basalt (T3) basaltic (T3a); quartz tholeiite (T3b); tholeiitic basalt (T3c); basaltic andesite (T3d)</p> <p>14 Un differentiated Tertiary sediments, dominantly poorly consolidated clay, silt and sand, with minor gravel (conglomerate) and pebbles deposited mostly in lacustrine and fluvial environments (T5)</p> <p>15 Moderately consolidated, dolerite-derived conglomerate with some sandstone and rare alluvial common pebbles and cobbles cemented; mid-Tertiary loess or alluvial gravel (T6)</p> <p>16 Poorly consolidated quartz-rich micaceous sandstone and conglomerate interbedded with siltstone and mudstone, commonly with some ferruginous and trace alluvial cement (T7)</p> <p>17 Partly consolidated clay, silt, and clayey silt sand with rare gravel and trace alluvial cement (T8)</p> <p>18 Moderately consolidated, dolerite-derived conglomerate and sandstone of recent age, forming marker unit at Abbe Hill (T9)</p> <p>19 Brown-grey plastic clay, minor silt, clayey sand and limestone at South Connection (T2a)</p> <p>20 Moderately consolidated, dolerite-derived conglomerate and sandstone with lignite and carbonaceous beds, of Palaeocene age (T2b)</p> <p>21 Dolerite profile developed on pre-Tertiary rocks and covered by Tertiary sediments (T2c)</p> <p>22 Eroded surface</p>	<p>10 Dolerite, intrusive into older sedimentary rocks, of 2-7km gabbros, locally deep-weathered (2a); deep-weathered dolerite (2b)</p> <p>11 Un differentiated Upper Permian Supergroup rocks below coal measures (P1)</p> <p>12 Carbonaceous sandstone and shales (P2)</p> <p>13 Chertaceous pebbly siltstone, siltstone and sandstone (P3a); Middle Devonian siltstone and poorly sorted sandstone, with occasional marine fossils (P3b)</p>	<p>10 Geological boundary – position approximate.</p> <p>11 Geological boundary – boundary inferred and position approximate.</p> <p>12 Fault – position approximate.</p> <p>13 Fault – fault inferred and position approximate.</p> <p>14 Fault – concealed.</p> <p>15 Fault – normal – position approximate.</p> <p>16 Fault – normal – fault inferred and position approximate.</p> <p>17 Fault – normal – concealed.</p> <p>18 Fault – concealed, inferred from airborne magnetic data.</p> <p>19 Lithological trend line, including bedding trace interpreted from aerial photographs.</p> <p>20 Magnetic gradient or treatment (direction towards lower values indicated).</p> <p>21 Limestone visible on aerial photographs.</p> <p>22 Municipality boundary.</p>	<p>Q Un differentiated Quaternary sedimentary deposits: gravel, sand and silt of alluvial, estuarine, glacial, volcanic and lag environments (Q1)</p> <p>Qm Lignite and other man-made deposits (Qm)</p> <p>Qs Estuarine deposits of clay, silt, sand and mostly subaerial gravel (Qs)</p> <p>Qc Colluvial deposits of gravel, sand and silt (Qc)</p> <p>Qd Alluvial gravel, sand and silt (Qd)</p> <p>Qe Alluvial fan deposits, of dolerite derived gravel in most places (Qe)</p> <p>Qf Windblown sand deposits (Qf)</p> <p>Qg Pluvial transverse gravel, cemented in places (Qg)</p> <p>Qh Estuarine terrace deposits composed of micaceous sand, silt and mud with siliceous gravel in subsurface (Qh)</p> <p>Qi Alluvial terrace deposits, predominantly composed of dolerite cobbles (Qi)</p> <p>Qj Tills, including tillable deposits in many areas (Qj); till composed predominantly of Tertiary basalt (Qj1); of Jurassic dolerite (Qj2); of Ferraterre fragments (Qj3)</p> <p>Qk Late Quaternary terrace deposits of alluvial and dolerite-derived gravel and sand, cemented by iron oxides in places (Qk)</p> <p>Ql Un differentiated Cambrian sediments (T0)</p>



Scale: 1:25 000
0 500 1000 1500 2000 2500m

Citation:
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P103-104: Launceston – Geology, Tasmanian Landslide Hazard Series, 1:25 000 scale. Mineral Resources Tasmania, Department of Infrastructure Energy and Resources, Hobart.

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Map prepared by the Data Management Branch, Mineral Resources Tasmania using GIS software.

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