



**LEGEND**

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| <p><b>PARTICLES:</b></p> <ul style="list-style-type: none"> <li> Microbioclastic hash</li> <li> Mud lump</li> <li> Shell fragments (general)</li> <li> Pelletoid</li> <li> 'birdseye'</li> <li> Spicules</li> <li> Fossil - gasteropod (broken)</li> <li> Fossil - pelecypod (broken)</li> <li> Fossil - brachiopod</li> <li> Fossil - arthropod</li> <li> Algal stromatolite (Stl.) (undulatory - lateral)</li> <li> Algal stromatolite (digitate)</li> <li> Fossil, coral</li> <li> Recrystallized (Rex)</li> </ul> <p><b>COLOUR:</b></p> <ul style="list-style-type: none"> <li>dk - dark</li> <li>lt - light</li> <li>gn - green</li> <li>r - red</li> <li>gy - grey</li> <li>brn - brown</li> <li>blk - black</li> <li>wh - white</li> <li>bf - buff</li> </ul> | <p><b>SEDIMENTARY STRUCTURES:</b></p> <ul style="list-style-type: none"> <li> Burrows (Brw)</li> <li> Bedded (Bd)</li> <li> Laminated (Lam)</li> <li> Convolute (Cnvt)</li> <li> 'flame' structure</li> <li> Foreset bedding / Lam.</li> <li> Ripple - marked</li> </ul> <p><b>GRAIN SIZE:</b></p> <ul style="list-style-type: none"> <li>f - fine</li> <li>med - medium</li> <li>crs - coarse</li> <li>crs - very coarse</li> <li>pbl - pebble</li> <li>congl - conglomerate</li> <li>aggl - agglomerate</li> <li>bc - breccia</li> </ul> <p><b>METAMORPHIC:</b></p> <ul style="list-style-type: none"> <li>clv - cleavage</li> <li>styl - stylolite</li> </ul> | <p><b>MINERALIZATION:</b></p> <ul style="list-style-type: none"> <li>Pyr - Pyrite</li> <li>Pyrr - Pyrrhotite</li> <li>Fl - Fluorite</li> <li>Chl - Chlorite</li> <li>Gnt - Garnet</li> <li>Mgn - Magnetite</li> <li>Glc - Glauconite</li> <li>Lmn - Limonite</li> </ul> <p><b>QUANTITATIVE LOG</b></p> <div style="border: 1px solid black; padding: 2px; width: fit-content;"> <p>present</p> <p>common</p> <p>abundant</p> <p>very abundant</p> <p>saturated</p> </div> <p><b>ATTITUDE:</b></p> <p>(a) - (b)</p> <p>70° / (20°)</p> <p>(a) Dip in relation to vertical (long) axis of core</p> <p>(b) Dip in relation to horizontal plane.</p> | <p><b>CARBONATE ROCKS:</b><br/>Classification (After R.J. Dunham)</p> <ul style="list-style-type: none"> <li>a - Lime Mudstone (Mdst): Muddy carbonate, &lt;10% grains</li> <li>w - Wackestone (Wkst): Mud-supported carbonate, &gt;10% grain bulk</li> <li>p - Packstone (Pkst): Grain-supported, muddy carbonate</li> <li>g - Grainstone (Grnst): Grain-supported, mud free, carbonate rocks</li> <li>b - Boundstone (Bndst): Carbonates showing interconnecting (binding) skeletal or organic remnants. e.g. (i) colonial coral reef (ii) algal mats (undulatory - lat.) and digitate (vert.) algal colonies - stromatolites</li> </ul> <p><b>ENV.</b> Depositional environment</p> |
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**COMALCO LIMITED**

OTHER DATA:

Scale 1:200  
Logged by P.W. Stainton