



LEGEND

- PARTICLES:**
 √ Microbioclastic hash
 ⊙ Mud lump
 ○ Shell fragments (general)
 ⊙ Pelletoid
 ⊙ 'birdseye'
 ⊙ Spicules
 ⊙ Fossil - gasteropod (broken)
 ⊙ Fossil - pelecypod (broken)
 ⊙ Fossil - brachiopod
 ⊙ Fossil - arthropod
 ⊙ Algal stromatolite (Stl.) (undulatory - lateral)
 ⊙ Algal stromatolite (digitate)
 ⊙ Fossil, coral
 xx Recrystallized (Rex)
- SEDIMENTARY STRUCTURES:**
 ⊕ ⊕ Burrows (Brw)
 — Bedded (Bd)
 — Laminated (Lam)
 — Convoluted (Cnvd)
 — 'flame' structure
 — Foreset bedding / Lam.
 — Ripple - marked
- GRAIN SIZE:**
 f - fine
 med - medium
 crs - coarse
 crs - very coarse
 pbl - pebble
 congl - conglomerate
 aggl - agglomerate
 bc - breccia
- METAMORPHIC:**
 clv - cleavage
 styl - stylolite
- MINERALIZATION:**
 Pyr - Pyrite
 Pyrro - Pyrrhotite
 Fl - Fluorite
 Chl - Chlorite
 Gnt - Garnet
 Mgn - Magnetite
 Glc - Glauconite
 Lmn - Limonite
- QUANTITATIVE LOG**
 present
 common
 abundant
 very abundant
 saturated
- ALTERATION**
 ↑
 ↓
- CARBONATE ROCKS:**
 Classification (After R.J. Dunham)
 a - Lime Mudstone (Mdst): Muddy carbonate, <10% grains
 w - Wackestone (Wkst): Mud-supported carbonate, >10% grain bulk
 p - Packstone (Pkst): Grain-supported, muddy carbonate
 g - Grainstone (Grnst): Grain-supported, mud free, carbonate rocks
 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
- ENV.** Depositional environment
- ATTITUDE:**
 (a) (b)
 70° / (20°)
 (a) Dip in relation to vertical (long) axis of core
 (b) Dip in relation to horizontal plane.

COMALCO LIMITED

OTHER DATA:

5 cm

Scale 1:200

Logged by P.W. Stainton