



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)

COLOUR:

- dk - dark
- lt - light
- gn - green
- r - red
- gy - grey
- brn - brown
- blk - black
- wh - white
- bf - buff
- dpld - dappled

SEDIMENTARY STRUCTURES:

- Burrows (Brw)
- Bedded (Bd)
- Laminated (Lam)
- Convolutd (Cnvt)
- 'flame' structure
- Foreset bedding / Lam.
- Ripple - marked
- Scour (erosional) surface

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
- Gic - Glauconite
- Lmn - Limonite

QUANTITATIVE LOG

- present
- common
- abundant
- very abundant
- saturated

ATTITUDE:

- (a) (b)
- 70° / (20°)
- (a) Dip in relation to vertical (long) axis
of core
- (b) Dip in relation to horizontal plane.

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
- 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

COMALCO LIMITED

OTHER DATA:

5 cm

Scale 1:200

Logged by P.W. Stainton