

DEPTH(m) or SAMPLE No	GRAPHIC LOG (incl. particles, mud, silt, sand, etc.)	COLOUR	SEDIMENTARY STRUCTURES & GRAIN SIZE (f, med, crs)	BEDDING ATTITUDE	METAMORPHIC STRUCTURES (cleavage, stylolites, etc.)	MINERALIZATION & ALTERATION				LITHO. LOG	REMARKS	ENV. STRAT.	
						Pyr	Mgn	Chl	Gnt			ENV	STRAT
22	[Graphic Log: gy/wh, gy-brn, gy, gy/wh, gy/bf, dk brn-blk, mtlid, mtlid, mtlid, gy/wh, gy/bf]	[Colour: gy/wh, gy-brn, gy, gy/wh, gy/bf, dk brn-blk, mtlid, mtlid, mtlid, gy/wh, gy/bf]	[Sedimentary Structures: Burrows, Bedded, Laminated, Convoluted, 'flame' structure, Foreset bedding, Ripple]	[Bedding Attitude: Vertical]	[Metamorphic Structures: None]	[Pyrite: None]	[Magnetite: None]	[Chlorite: None]	[Garnet: None]	[Litho Log: Wkst, Mdst, Pkst, Mdst, Wkst, Mdst, Bndst, Slst, Pkst]	[Remarks: gy wh, rex; gy - wh, rex; pel, (alg); gy - wh, rex; gy - wh, rex; dk brn - blk, Stl, w tn lam of Pkst; lam, containing org and cl. matrix; dol, alg (pel) bf-mfld, crs]	[Env: Sub-tidal, Tidal (Algal) Flat, Supra-tidal, Lagoonal]	[Strat: Mbr, Fm]

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  
 Recrystallized (Rex)

**SEDIMENTARY STRUCTURES:**  
 Burrows (Brw)  
 Bedded (Bd)  
 Laminated (Lam)  
 Convoluted (Cnvtd)  
 '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  
 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

**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 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**

COMALCO LIMITED

