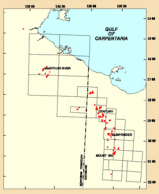


Moody Creek

96BJ-01, 96BJ-02

SCALE 1:1000

Easting: 260798

Northing: 7903715

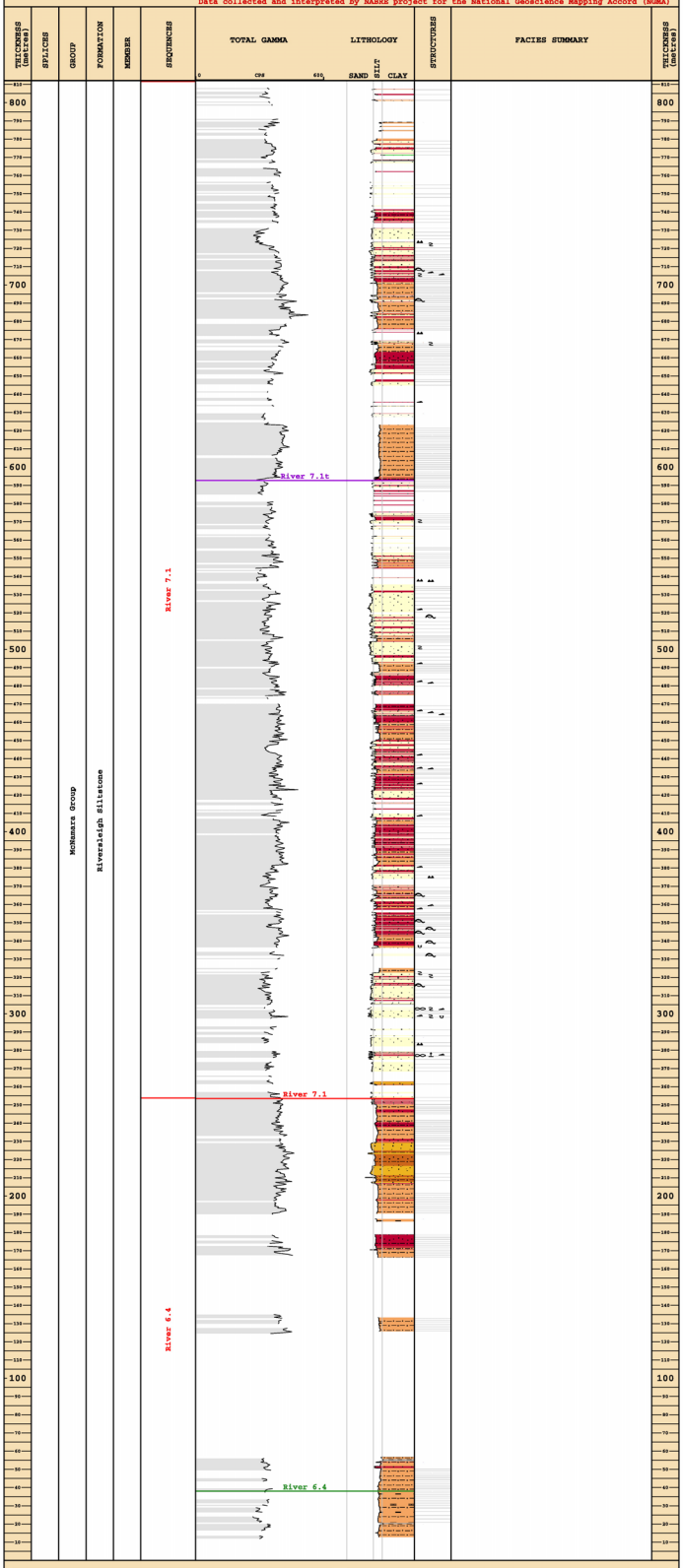
Data type: Measured Section

Map sheet: Lawn Hill Region 100000

Geology: B Bradshaw & J Domagala

Geolog compilation: K Barnett & A Krassay

Data collected and interpreted by NABRE project for the National Geoscience Mapping Accord (NGMA)



Lithology Legend

SILICICLASTICS QUARTZO-FELDSPATHIC: Conglomerate, pebbly sandstone; Sandstone medium to very coarse; Sandstone very fine to fine; Sandy siltstone; Siltstone; Shale

SILICICLASTICS LITHIC: Conglomerate, pebbly sandstone; Sandstone medium to very coarse; Sandstone very fine to fine; Siltstone; Shale

SILICICLASTICS TUFFACEOUS: Conglomerate, pebbly sandstone; Sandstone medium to very coarse; Sandstone very fine to fine; Siltstone; Shale

SILICICLASTICS CARBONACEOUS (VARIABLE DOLOMITIC): Conglomerate, pebbly sandstone; Sandstone medium to very coarse; Sandstone very fine to fine; Siltstone; Shale

DOLOMITIC SILICICLASTICS: Conglomerate, pebbly sandstone; Sandstone medium to very coarse; Sandstone very fine to fine; Siltstone; Shale

CARBONATES: Intraclastic grainstone to rudstone; Oolitic grainstone; Oolitic packstone; Oolitic wackestone; Oolitic mudstone

Intraclastic wackestone to packstone

TUFF; CHERT; CRYSTALLINE CARBONATES; BRECCIA; IGNEOUS; METAMORPHIC

Sedimentary Structures

BEDDING THICKNESS: Laminated (<1cm); Thin bedded (1-10cm); Medium bedded (10-30cm); Thick bedded (>30cm)

SEDIMENTARY STRUCTURES: Planar X-stratification; Large scale trough X-stratification; Small scale trough X-stratification; Hummocky cross-stratification; Pinch & swell/wave bedding; Flaser/lenticular bedding; Wispy lamination; Large asymmetrical ripple; Small asymmetrical ripple; Symmetrical ripple; Normally graded bed; Inversely graded bed; Fining-upward trend; Coarsening-upward trend; Scour and fill; Sole marking; Slumping; Contorted bedding; Flute cast; Gutter cast/microchannel; Load cast; Synneresis crack; Desiccation structures; Teepee; Desiccation crack; Sedimentary breccia; Sedimentary concretion; Palaeocurrent azimuth (east); Palaeocurrent azimuth (south); Palaeocurrent azimuth (west); Palaeocurrent trend (north-south); Palaeocurrent trend (east-west); Halite coat/mould; Crystal pseudomorph; Cauliflower chert; Intraclast; Bioturbated clasts; Rosette; Gastropod; Pelecypod/ostracod; Small domal stromatolite; Large domal stromatolite; "Origin uncertain" stromatolite; Small columnar stromatolite; Large columnar stromatolite; Conical stromatolite; Stratiform stromatolite; Pseudomorph; Fault; Pyrite; Chalcopyrite; Glauconite; Phosphate; Pyrite; Sphalerite; Galena

Sequence Hierarchy

Gun	Supersequence Boundary				Onlap
Gun X	3rd Order Sequence Boundary	Gun Xf	3rd Order Maximum Flooding Surface		Truncation
Gun X.X	4th Order Sequence Boundary	Gun X.Xf	4th Order Maximum Flooding Surface	Gun X.Xt	Transgressive Surface

NOTE: Gun Supersequence used as an example.

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