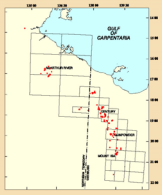


Gorge Creek

96AK-28, 96AK-29, 96AK-30

SCALE 1:1000

Easting: 234886

Northing: 7946440

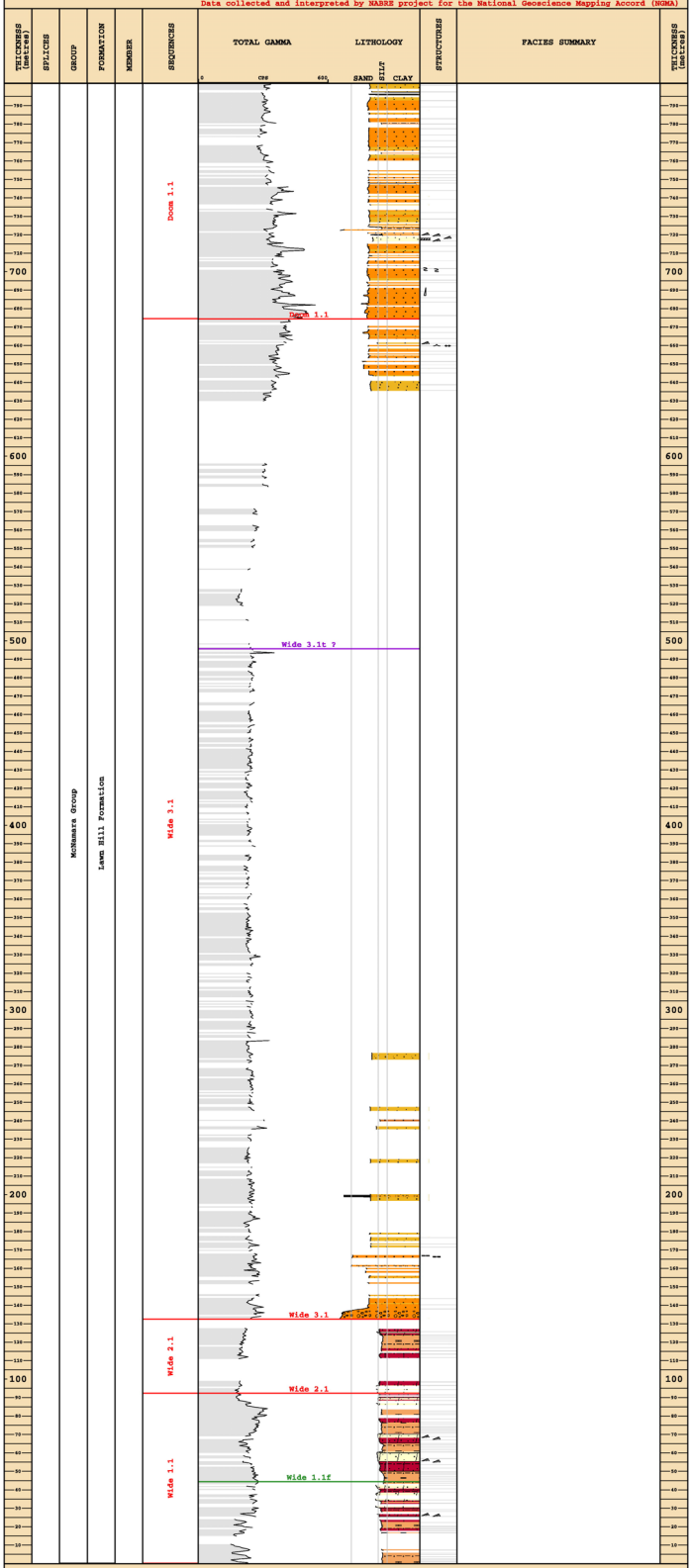
Data type: Measured Section

Map sheet: Constance Range Region 100000

Geology: A Krassay

Geolog compilation: K Barnett & A Krassay

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



Lithology Legend

SILICICLASTICS (QUARTZO-FELDSPATHIC): Conglomerate gravel to boulder; Sandstone medium to very coarse; Sandstone very fine to fine; Sandy siltstone; Siltstone; Shale

SILICICLASTICS (LITHIC): Conglomerate gravel to boulder; Sandstone medium to very coarse; Sandstone very fine to fine; Sandy siltstone; Siltstone; Shale

SILICICLASTICS (MYLONITIC): Conglomerate gravel to boulder; Sandstone medium to very coarse; Sandstone very fine to fine; Sandy siltstone; Siltstone; Shale

SILICICLASTICS (CARBONACEOUS) (VARIABLE DOLOMITIC): Conglomerate gravel to boulder; Sandstone medium to very coarse; Sandstone very fine to fine; Sandy siltstone; Siltstone; Shale

SILICICLASTICS (MICACEOUS): Conglomerate gravel to boulder; Sandstone medium to very coarse; Sandstone very fine to fine; Sandy siltstone; Siltstone; Shale

CARBONATES: Dolarenite gravel to boulder; Dolarenite medium to very coarse; Dolarenite very fine to fine; Silty dolarenite; Dolosiltite; Dolomite

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/wavy bedding; Flaser/lenticular bedding; Wispy lamination; Large asymmetrical ripple; Small asymmetrical ripple; Symmetrical ripple; Normally graded bed; Inversely graded bed; Rising-upward trend; Coarsening-upward trend; Scour and fill; Rafe molding; Slumping; Contorted bedding; Flute cast; Gutter casts/microchannel; Load cast; Synaeresis crack; Desiccating structure; Teepee; Dedolomitic crack; Sedimentary breccia; Sedimentary concretion; Palaeocurrent azimuth (east); Palaeocurrent azimuth (north); Palaeocurrent azimuth (south); Palaeocurrent azimuth (west); Palaeocurrent trend (north-south); Palaeocurrent trend (east-west); Rafe-overmoulds; Crystal pseudomorph; Cauliflower chert; Intraclast; Intraformational rafts; Rosette; Oolite/ooids; Peloid/pellets; Small domal stromatolite; Large domal stromatolite; Oncoids-algal stromatolite; Small columnar stromatolite; Large columnar stromatolite; Conical stromatolite; Stratiform stromatolite; Renalcis; Girvanella; 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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