



P552 PROJECT

JJ/00/07

Scale: 1:1000

EASTING: 349303

NORTHING: 7881838

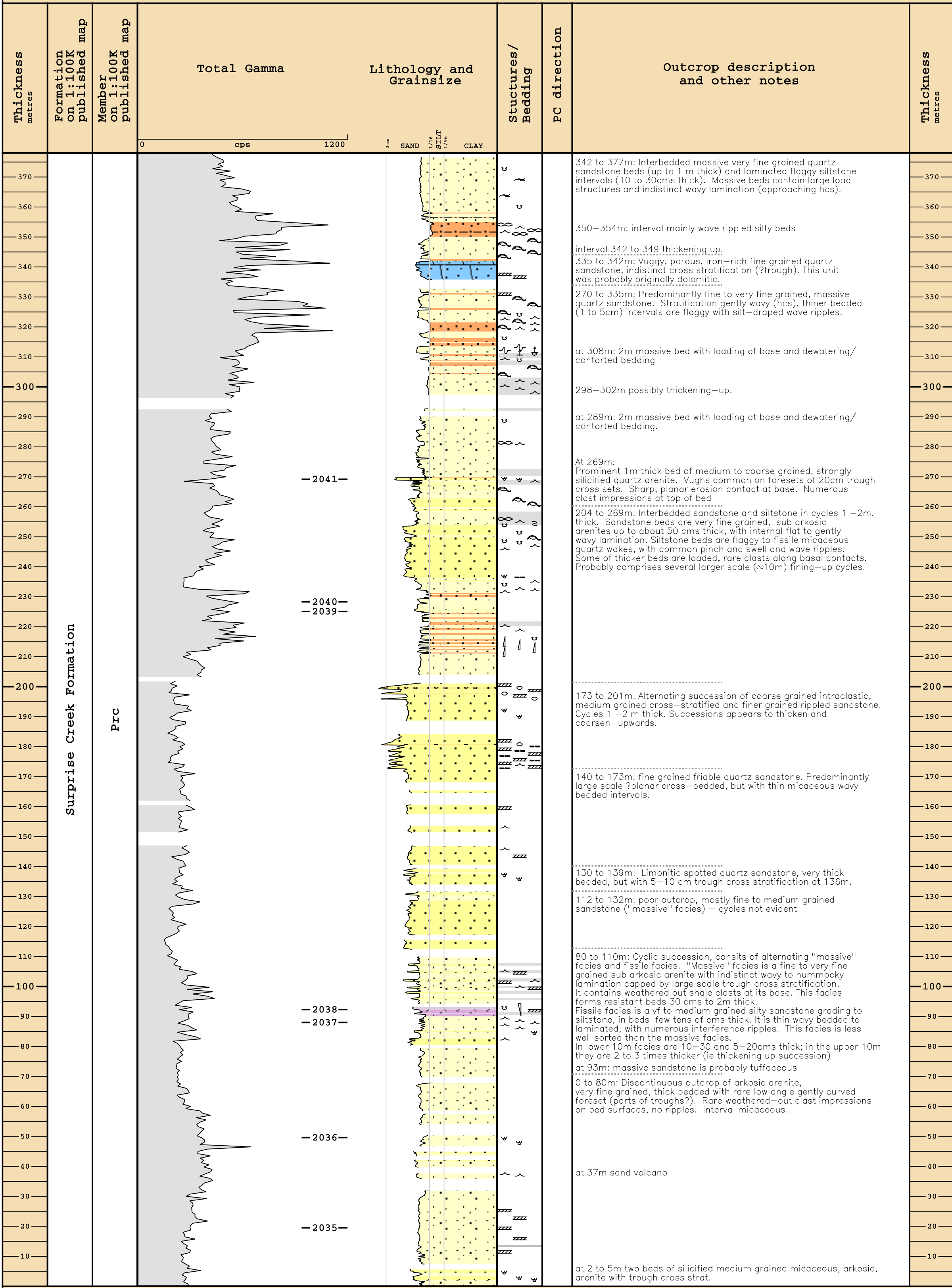
DATA TYPE: Measured Section

MAP SHEET: Myally

LOCATION: SE of Morella

GEOLOGY: MJ Jackson and PN Southgate

GEOLOG COMPILATION: KW Barnett



Sedimentary Structures and Bedding

BEDDING

Laminated (<1cm) Thin bedded (1–10cm) Medium bedded (10–30cm) Thick bedded (>30cm)

SEDIMENTARY STRUCTURES

Planar X-stratification	Symmetrical ripple	Contorted bedding	Sedimentary concretion	Palaeocurrent trend (north-south)	Oolite/poilitic	Fenestrae
Large scale trough X-stratification	Normally graded bed	Flute cast	Palaeocurrent azimuth (east)	Palaeocurrent trend (east-west)	Peloid/peloidal	Fault
Small scale trough X-stratification	Inversely graded bed	Gutter cast/microchannel	Palaeocurrent azimuth (north)	Halite cast/mould	Small domal stromatolite	Pyrite
Hummocky cross-stratification	Fining-upward trend	Load cast	Palaeocurrent azimuth (south)	Crystal pseudomorph	Large domal stromatolite	Cpy Chalcopyrite
Pinch & swell/wavy bedding	Fining-upward trend	Synaesis crack	Palaeocurrent azimuth (west)	Cauliflower chert	Organ-pipe stromatolite	Gl Glauconite
Flaser/lenticular bedding	Coarsening-upward trend	Dewatering structure	Palaeocurrent azimuth (NE)	Intracast	Small columnar stromatolite	Ph Phosphate
Wavy lamination	Scour and fill	Teepee	Palaeocurrent azimuth (NW)	Pebbles	Large columnar stromatolite	Py Pyrite
Large asymmetrical ripple	Sole marking	Desiccation crack	Palaeocurrent azimuth (SE)	Imbricated clasts	Conical stromatolite	Sp Sphalerite
Small asymmetrical ripple	Slumping	Sedimentary breccia	Palaeocurrent azimuth (SW)	Rosette	Stratiform stromatolite	Gn Galena

Lithology Legend

SILICICLASTICS QUARTZITE-FELDSPATHIC	SILICICLASTICS LITHIC	SILICICLASTICS TUFFACEOUS	SILICICLASTICS CARBONACEOUS (VARIABLY DOLOMITIC)	DOLOMITIC SILICICLASTICS	CARBONATES
Conglomerate granule to boulder	Sandstone medium to very coarse	Sandstone very fine to fine	Sandy siltstone	Siltstone mineralogy undifferentiated	Shale mineralogy undifferentiated
Tuff	Chert	Crystalline carbonates	Breccia	Igneous	Metamorphic

Sequence Hierarchy

F*

Approximate location of significant flooding or deepening.

S*

Approximate location of significant erosion surface (?Sequence Boundary).

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