



P552 PROJECT

Gunpowder North Composite

(JJ/00/09A, JJ/00/09B)

Scale: 1:2500



EASTING: 333992

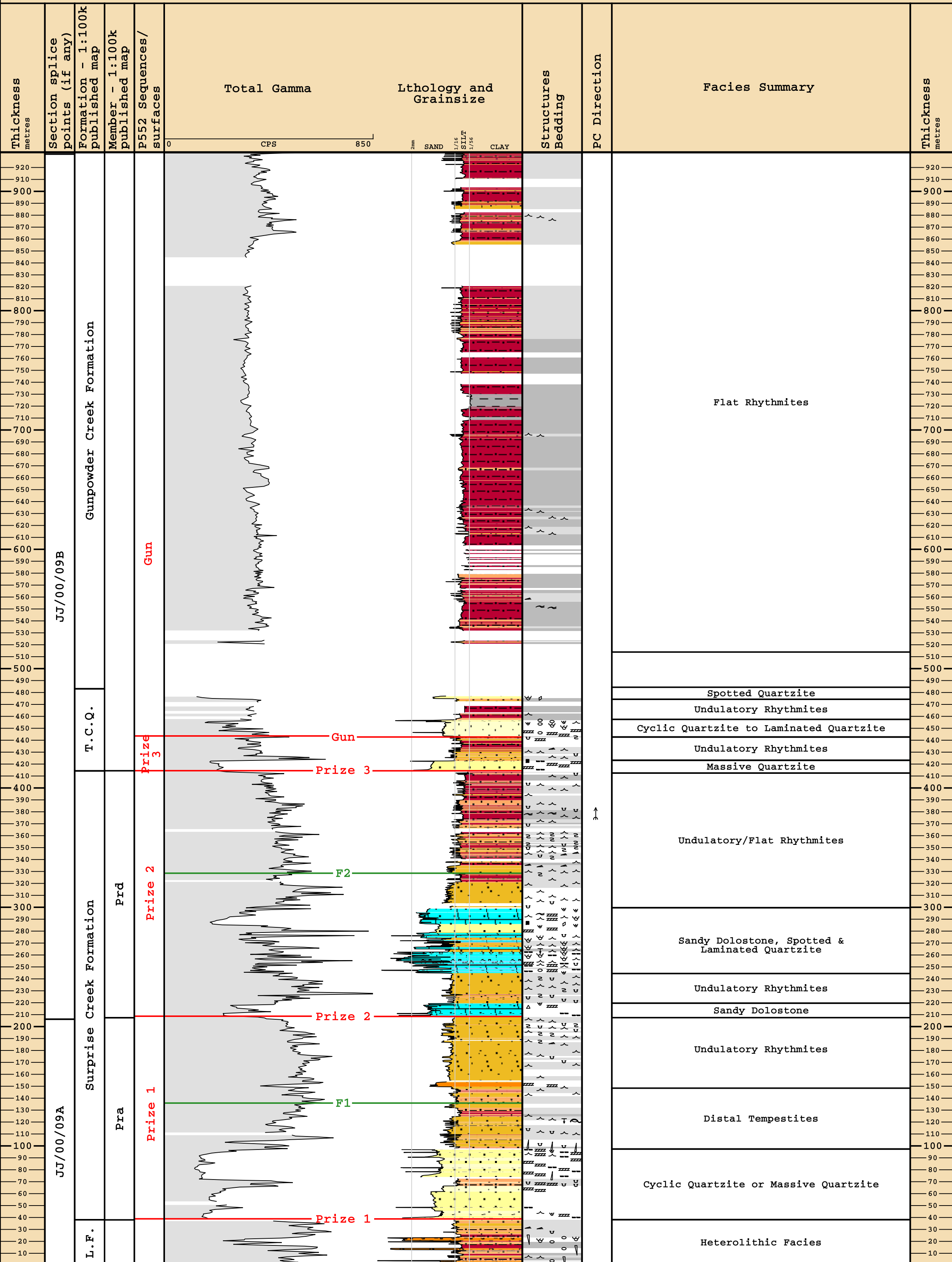
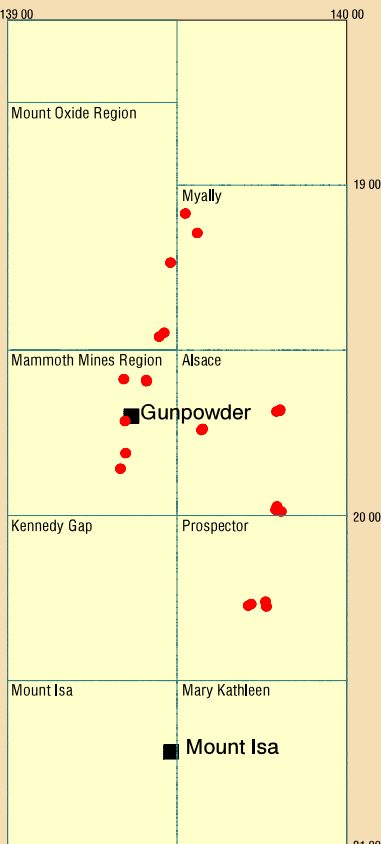
NORTHING: 7831956

DATA TYPE: Measured Section

MAP SHEET: Mammoth Mines

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/oolitic		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		Chalcopyrite
	Pinch & swell/wavy bedding		Synaeresis crack		Dewatering structure		Palaeocurrent azimuth (west)		Cauliflower chert		Organ-pipe stromatolite		Glauconite
	Flasey/lenticular bedding		Coarsening-upward trend		Teepee		Palaeocurrent azimuth (NE)		Intraclast		Small columnar stromatolite		Phosphatite
	Wispy lamination		Scour and fill		Desiccation crack		Palaeocurrent azimuth (NW)		Pebbles		Large columnar stromatolite		Pyrite
	Large asymmetrical ripple		Sole marking		Sedimentary breccia		Palaeocurrent azimuth (SE)		Imbricated clasts		Conical stromatolite		Sphalerite
	Small asymmetrical ripple		Slumping				Palaeocurrent azimuth (SW)		Rosette		Stratiform stromatolite		Galena

Lithology Legend

SILICICLASTICS QUARTZO-FELDSPATHIC	SILICICLASTICS LITHIC	SILICICLASTICS TUFFACEOUS	SILICICLASTICS CARBONACEOUS (VARIABLY DOLOMITIC)	DOLOMITIC SILICICLASTICS	CARBONATES

Sequence Hierarchy

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

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