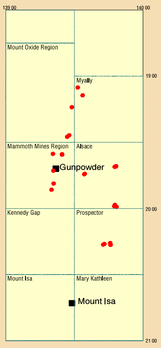


Gunpowder Magazine

ML0102

SCALE 1:1000

Easting: 330041

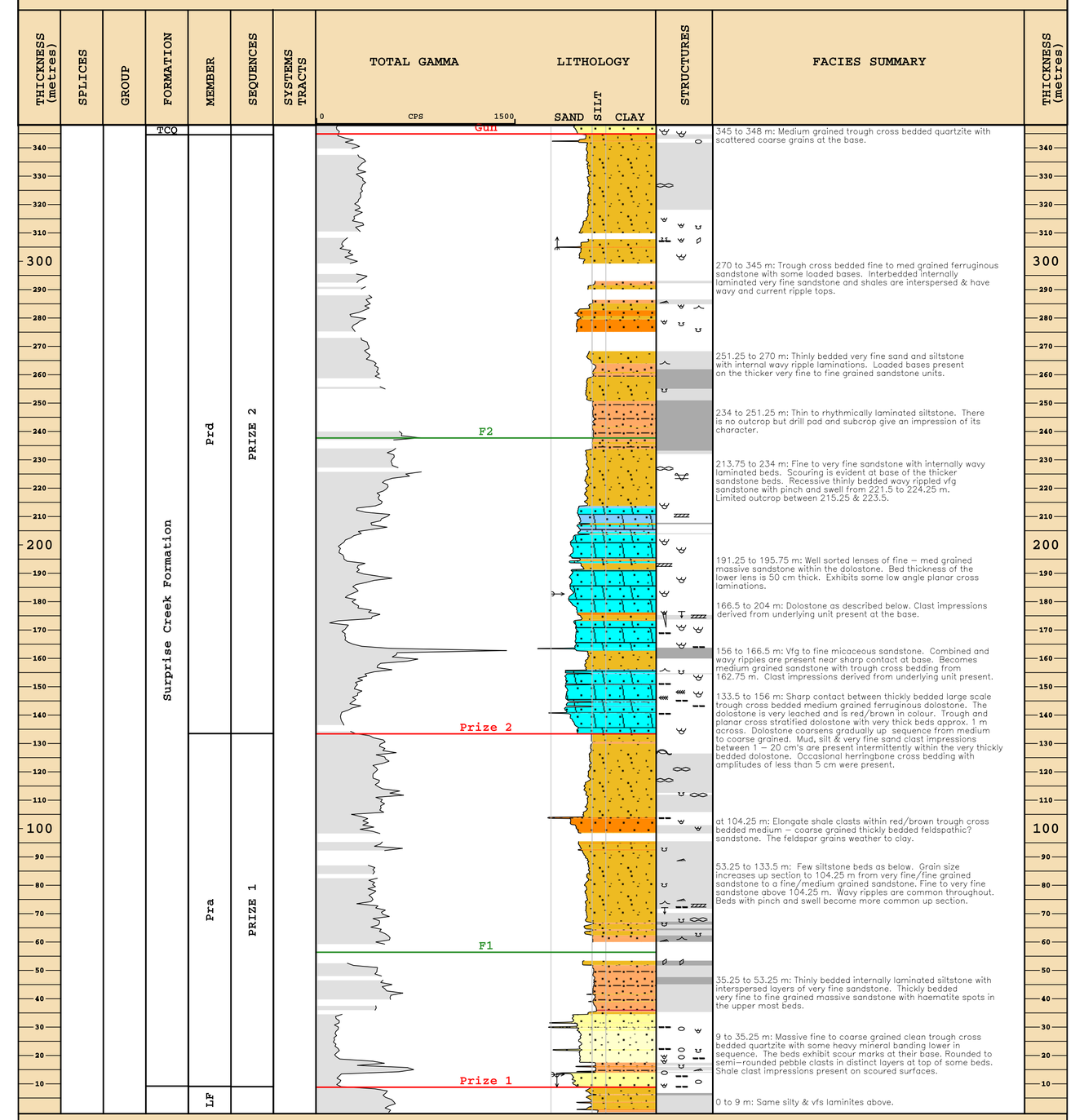
Northing: 7823570

Data type: Measured Section

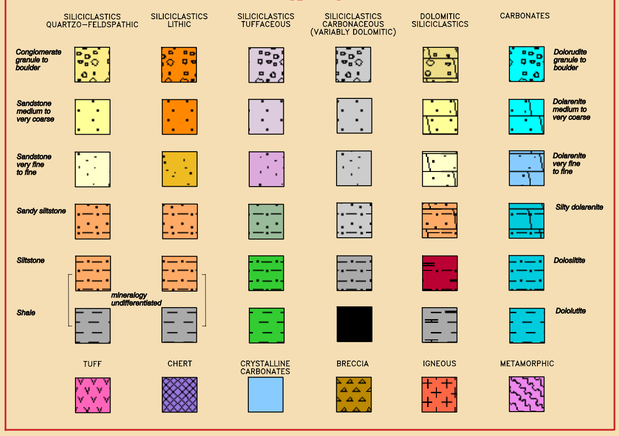
Map sheet: Mammoth Mines

Geology: ME Lech, PN Southgate

Geolog compilation: ME Lech



Lithology Legend



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
- Fining–upward trend
- Coarsening–upward trend
- Scour and fill
- Sole marking
- Slumping
- Contorted bedding
- Herringbone
- Flute cast
- Gutter cast/microchannel
- Load cast
- Synaeresis crack
- Dewatering structure
- Teepee
- Desiccation 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)
- Halite cast/mould
- Crystal pseudomorph
- Cauliflower chert
- Intraclast
- Imbricated clasts
- Rosette
- Ooitic/oolitic
- Peloid/peloidal
- Small domal stromatolite
- Large domal stromatolite
- 'Organ–pipe' stromatolite
- Small columnar stromatolite
- Large columnar stromatolite
- Conical stromatolite
- Stratiform stromatolite
- Fenestrae
- F Fault
- ■ Pyrite
- Cpy Chalcopyrite
- Gl Glauconite
- Ph Phosphate
- Py Pyrite
- Sp Sphalerite
- Gn 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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