

120 00

140 00

19 00

20 00

21 00

Mount Oxide Region

Mammoth Mines Region

Kennedy Gap

Mount Isa

Myall

Alsace

Prospector

Mary Kathleen

Gunpowder

Mount Isa

AMIRN

P552 PROJECT

Barr Hole Composite

Barr Hole, BH/01/01, BH/00/01

Scale: 1:2500

EASTING: 326922

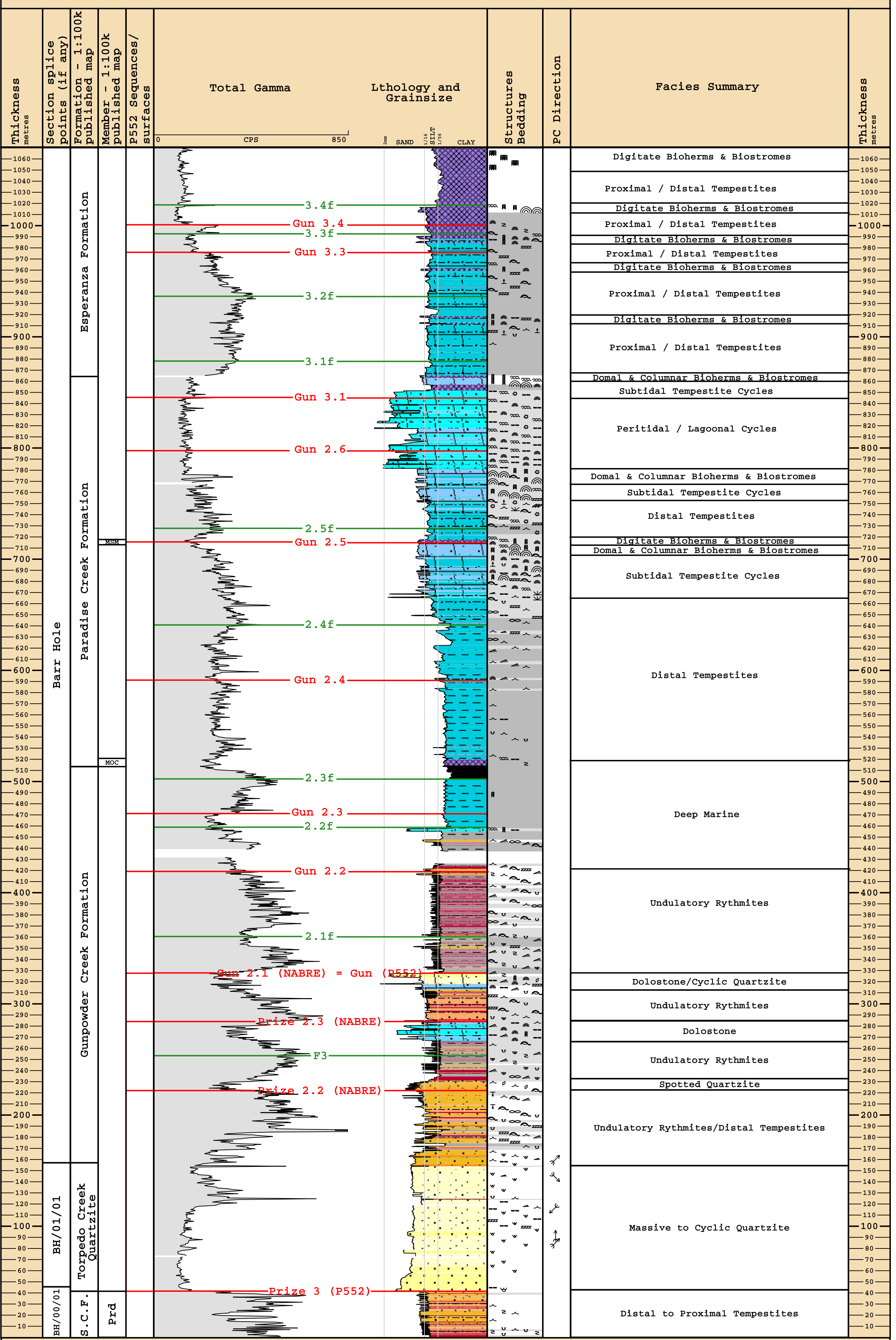
NORTHING: 7832594

DATA TYPE: Measured Section

MAP SHEET: Mammoth Mines

GEOLOGY: T Sami, A Krassay, P Southgate & P Blake

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

Large scale trough X-stratification

Small scale trough X-stratification

Hummocky cross-stratification

Pinch & swell/wavy bedding

Flaser/lenticular bedding

Wispily 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

Synaresis crack

Dewatering structure

Teepee

Desiccation crack

Sedimentary breccia

Sedimentary concretion

Palaeocurrent azimuth (east)

Palaeocurrent azimuth (north)

Palaeocurrent azimuth (south)

Palaeocurrent azimuth (west)

Palaeocurrent azimuth (NE)

Palaeocurrent azimuth (NW)

Palaeocurrent azimuth (SE)

Palaeocurrent azimuth (SW)

Palaeocurrent trend (north-south)

Palaeocurrent trend (east-west)

Halite cast/mould

Crystal pseudomorph

Cauliflower chert

Intraclast

Pebbles

Imbricated clasts

Rosette

Oolite/oolitic

Peloid/peloidal

Small domal stromatolite

Large domal stromatolite

'Organ-pipe' stromatolite

Small columnar stromatolite

Large columnar stromatolite

Conical stromatolite

Stratiform stromatolite

Fenestrae

Fault

Pyrite

Chalcopyrite

Glauconite

Phosphate

Pyrite

Sphalerite

Galena

Lithology Legend

SILICICLASTICS QUARTZO-FELDSPATHIC

SILICICLASTICS LITHIC

SILICICLASTICS TUFFACEOUS

SILICICLASTICS CARBONACEOUS (VARIABLY DOLOMITIC)

DOLOMITIC SILICICLASTICS

CARBONATES

TUFF

CHERT

CRYSTALLINE CARBONATES

BRECCIA

IGNEOUS

METAMORPHIC

Sequence Hierarchy

F*

S*

This work is copyright. Apart from any fair dealings for the purpose of study, research, criticism or review, as permitted under the Copyright Act, no part may be reproduced by any process without written permission. Copyright is the responsibility of the Chief Executive Officer, Geoscience Australia. Inquires should be directed to the Chief Executive Officer, Geoscience Australia, GPO Box 378, Canberra City, ACT, 2601.

GA has tried to make the information in this product as accurate as possible. However, it does not guarantee that the information is totally accurate or complete. Therefore, you should not rely solely on this information when making a commercial decision.

Copies of this figure may be obtained as a CD ROM product, GA Record 2002/03 from: Geoscience Australia Sales Centre GPO Box 378, Canberra City, ACT 2601 Phone 02-62499519, Facsimile 02-62499982.