WELL B08 - CORE DESCRIPTION

APPENDIX B08

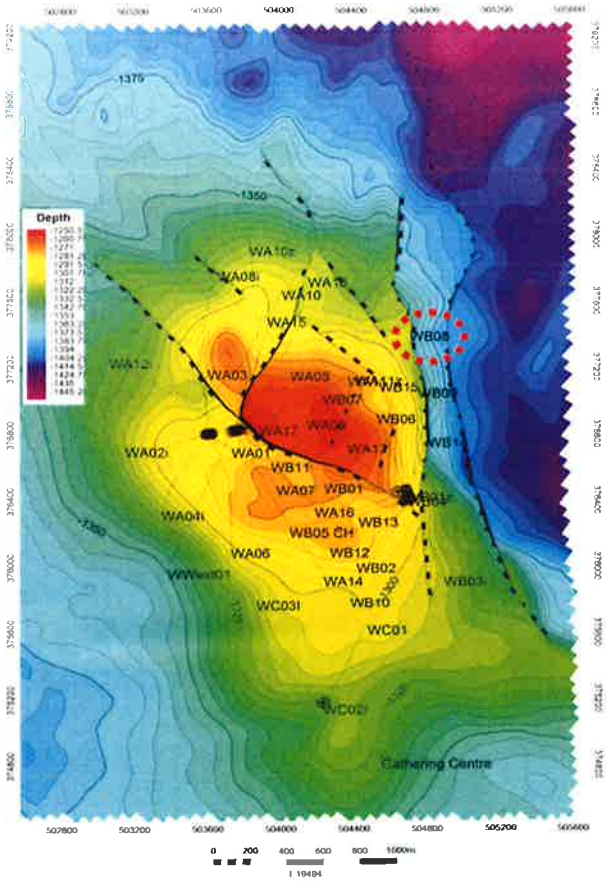
Formation:
Upper Succession

Reservoir Interval:
Deep Hard Rock

Well Interval:
1564.1 - 1613.2 m (MD)

Core to Log Shift:
-1 metre

Scale 1:25



KEY

Lithology

- Sandstone
- Siltstone
- Mudstone
- Coal
- Preserved Sample

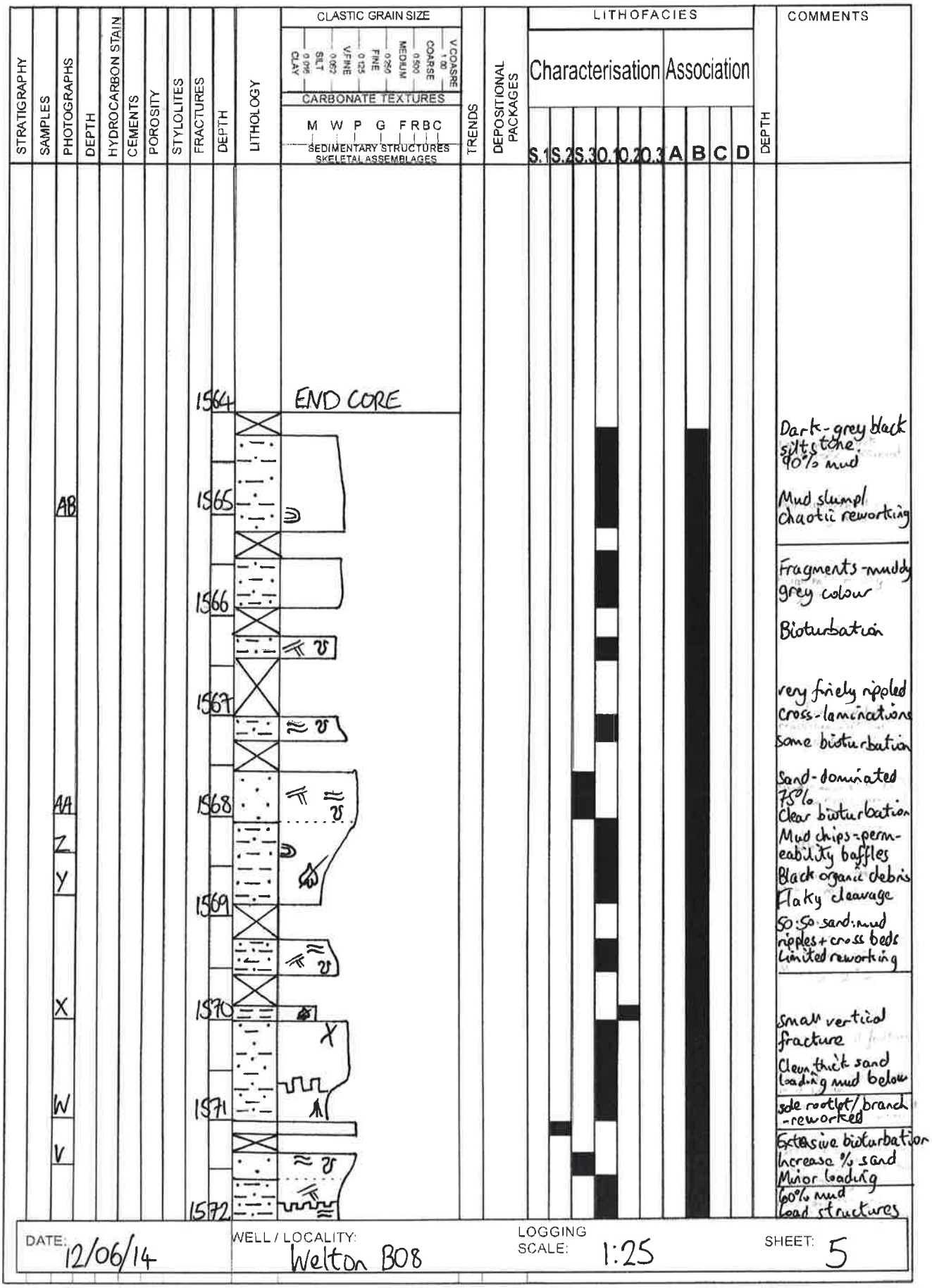
Structures

- Mud-chips
- Siderite Concretion
- Ripple cross-lamination
- Slumping
- Low-angle cross-bedding
- Rootlets
- Parallel lamination
- Fracture
- Comminuted plant debris
- Bioturbation

Contacts

- Sharp
- Gradational
- Loading
- Erosional

The Welton Oilfield, Licence Block PI179, Lincolnshire, UK

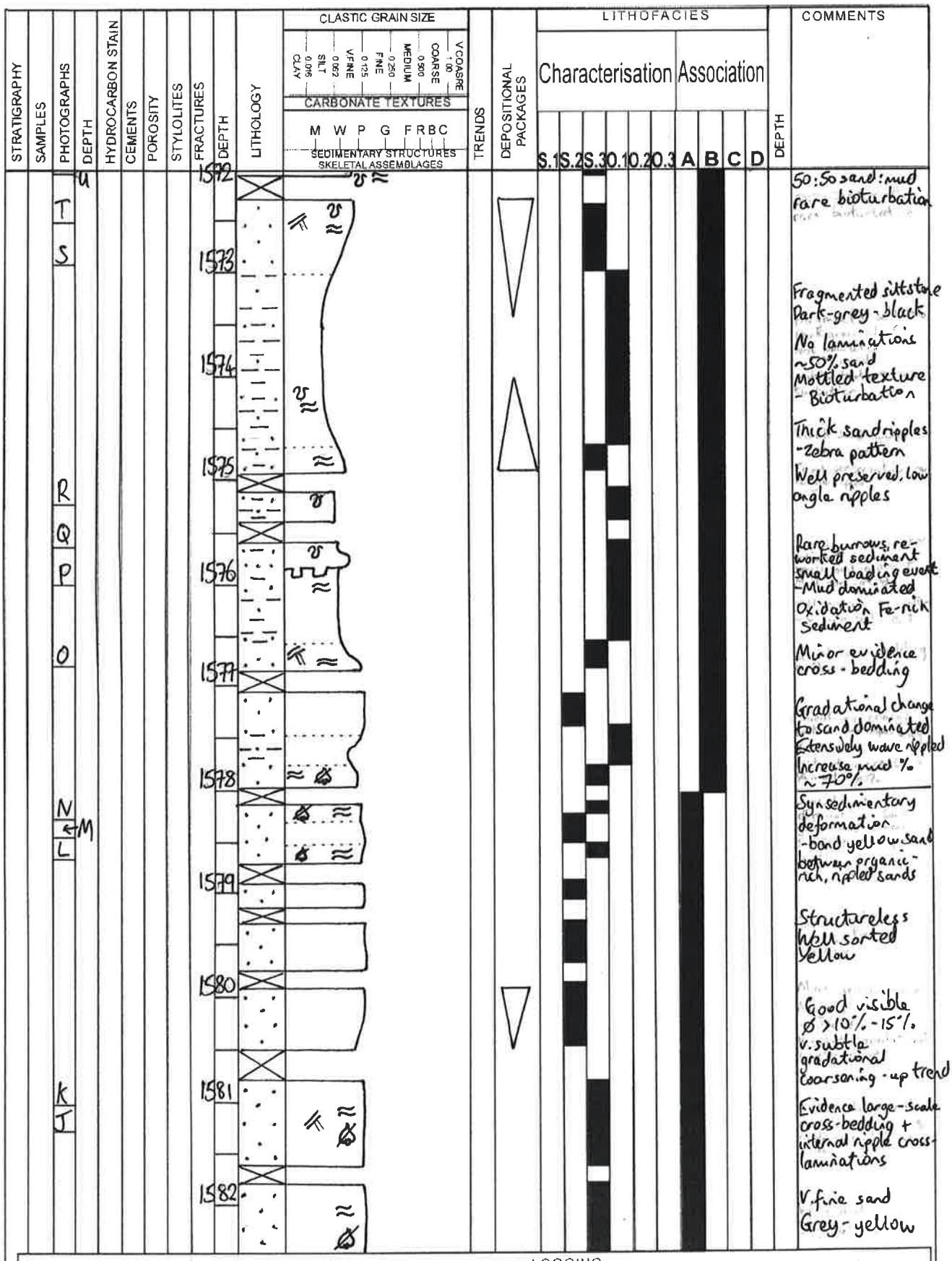


DATE: 12/06/14

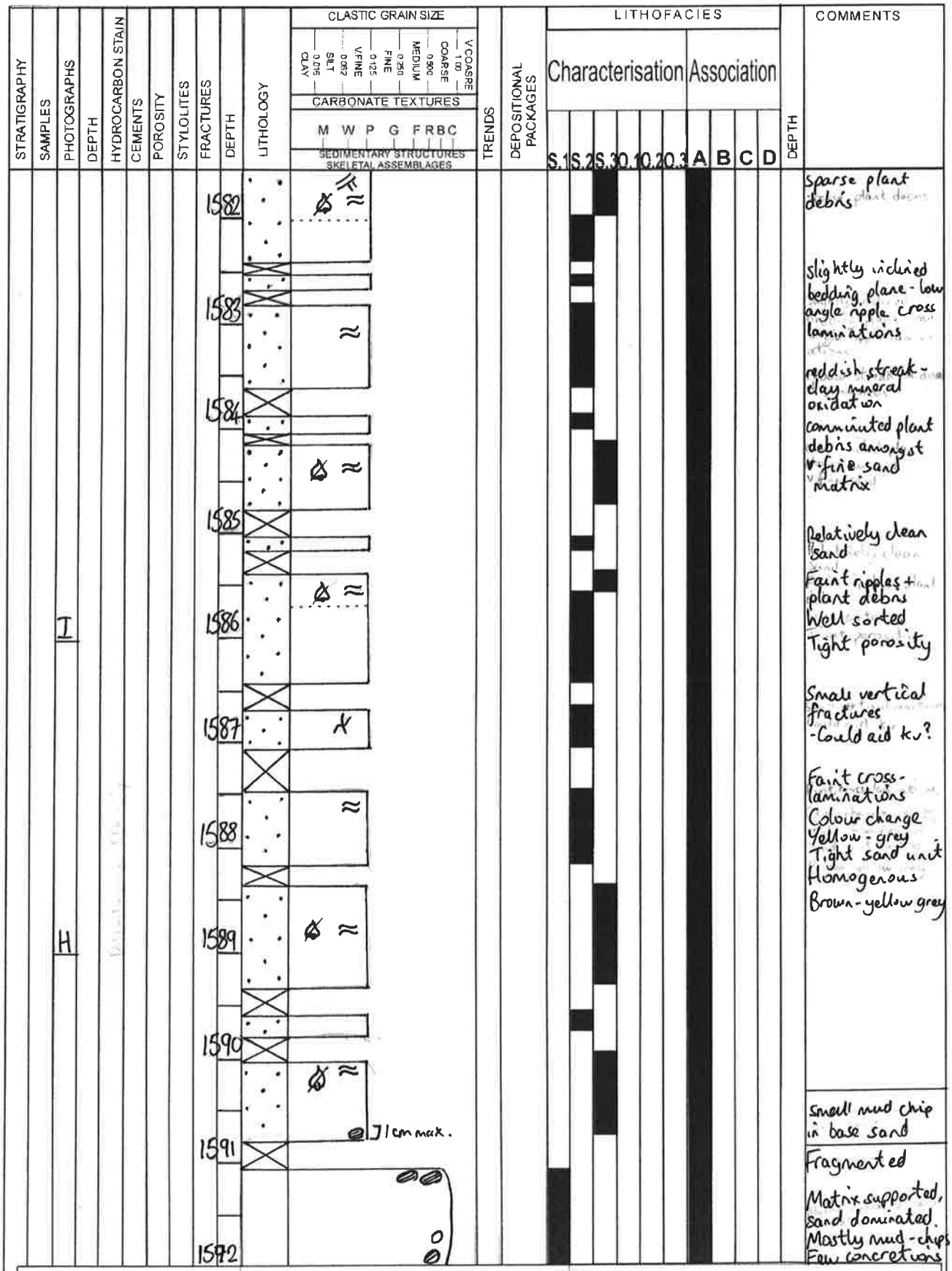
WELL / LOCALITY: Welton B08

LOGGING SCALE: 1:25

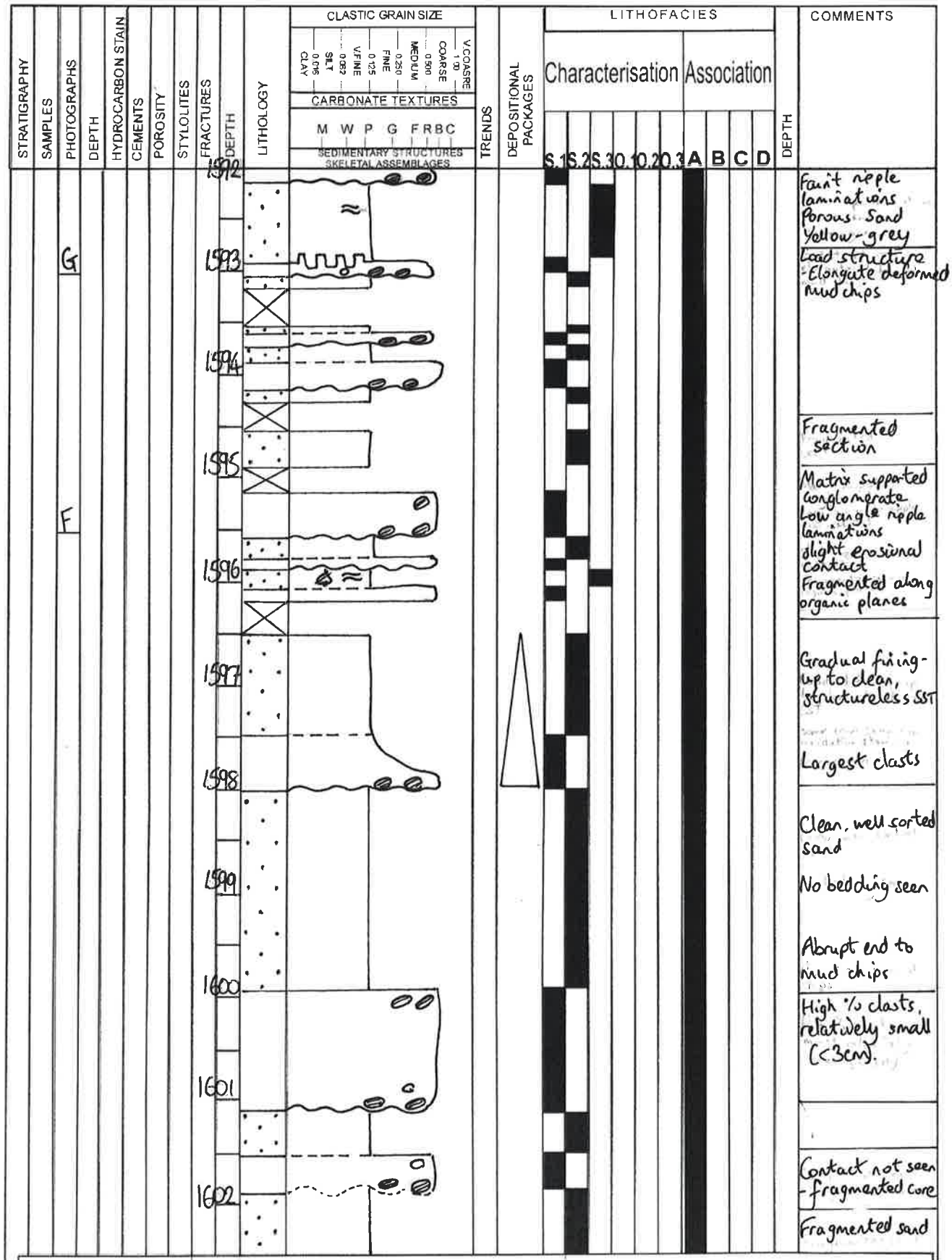
SHEET: 5



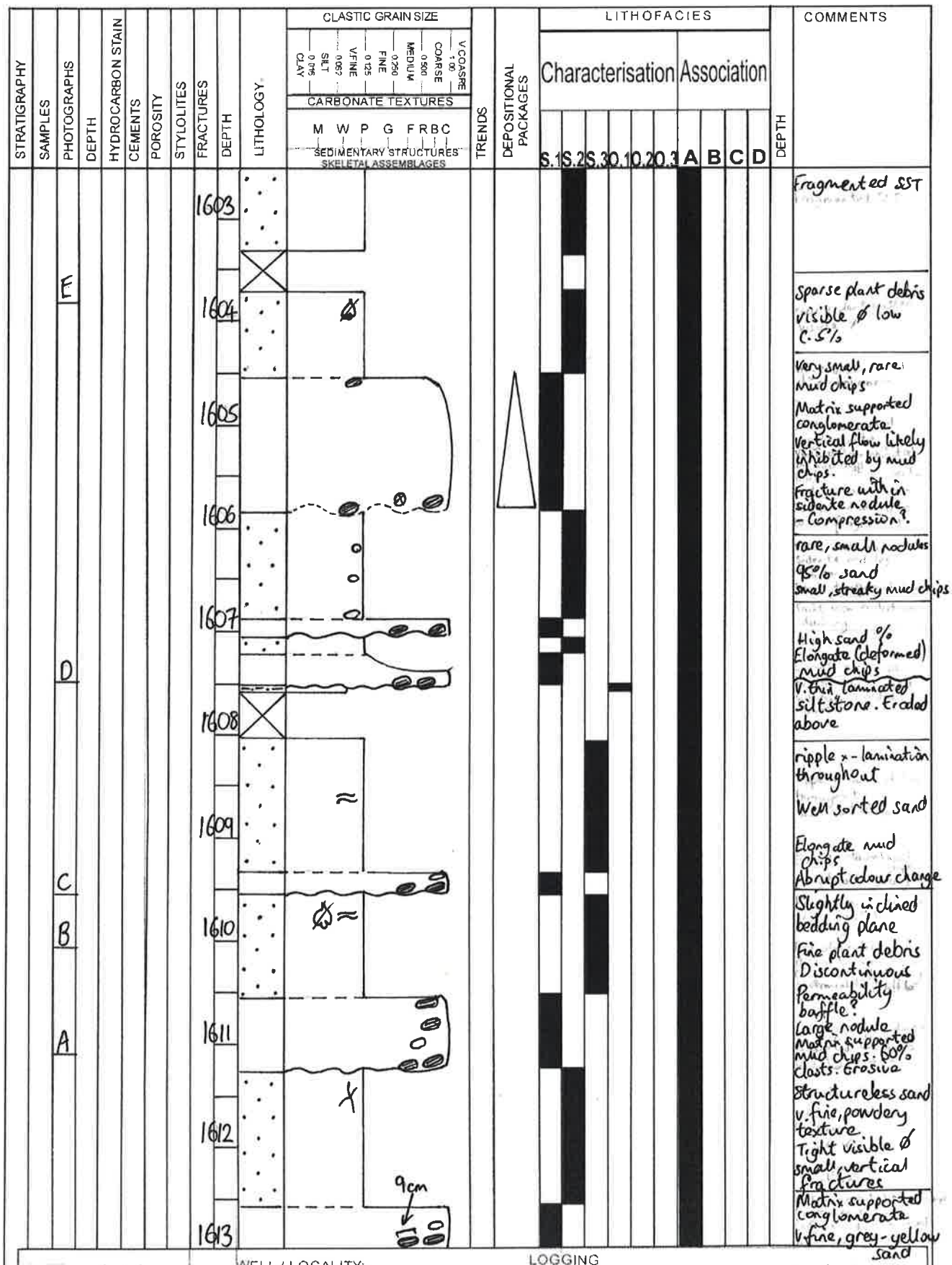
DATE: 12/06/14 WELL / LOCALITY: Welton B08 LOGGING SCALE: 1:25 SHEET: 4



DATE: 11/06/14 WELL / LOCALITY: Welton B08 LOGGING SCALE: 1:25 SHEET: 3



DATE: 11/06/14 WELL / LOCALITY: Welton B08 LOGGING SCALE: 1:25 SHEET: 2


STRATIGRAPHY
SAMPLES
PHOTOGRAPHS
DEPTH
HYDROCARBON STAIN
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C
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1604
1605
1606
1607
1608
1609
1610
1611
1612
1613
9cm
Fragmented SST
Sparse plant debris visible ø low c.5%
Very small, rare mud chips
Matrix supported conglomerate. Vertical flow likely inhibited by mud chips.
Fracture within siderite nodule - Compression?
rare, small nodules
95% sand
small, streaky mud chips
High sand %
Elongate (deformed) mud chips
V. thin laminated siltstone. Eroded above
ripple x-lamination throughout
Well sorted sand
Elongate mud chips
Abrupt colour change
Slightly inclined bedding plane
Fine plant debris
Discontinuous
Permeability baffle?
Large nodule
Matrix supported mud chips. 80% clasts. Erosive
Structureless sand
v. fine, powdery texture
Tight visible ø
small, vertical fractures
Matrix supported conglomerate
v. fine, grey-yellow sand
DATE: 11/06/14
WELL / LOCALITY: Welton B08
LOGGING SCALE: 1:25
SHEET: 1
1613.2
BASE CORE