

# COLUMBINE LOGGING

Scale: 5" / 100'  
Measured Depth Log

**Well Name** Eagle E14-62-1HN\_VERT

**Location** Eagle E14-62-1HN Pad Sec.14-T6N-R65W

**State** COLORADO

**County** WELD

**Country** USA

**Rig Number** PD 829

**API Number** 05-123-38867

**AFE #** 139579

**Region** DJ BASIN

**Field** WATTENBERG

**Spud Date** 7/3/2014

**Drilling Completed** 7/11/2014

**Surface Coordinates** 383' FSL ; 530' FWL  
40.47985 ; -104.63816

**Bottom Hole Coordinates** 330' FNL ; 785' FWL  
40.47966 ; -104.61809

**Ground Elevation** 4736'

**K.B. Elevation** 4752'

**Logged Interval** 671' **To** 6172'

**Total Depth** 12095'

**Formation** NIOBRARA B CHALK

**Type of Drilling Fluid** FW LSND

## Operator

**Company** NOBLE ENERGY INC.

## Geologist

**Name** Holly Duncan

**Company** Noble Energy, Inc.

**Address** 1625 BROADWAY  
DENVER, CO 80202

## Other

Shannon Whitmore

Columbine Logging

Columbine Logging  
2385 S. Lipan St.  
Denver, CO 80223

Michael Rocks

Columbine Logging  
2385 S. Lipan St.  
Denver, CO 80223

Liz van Diepen

Columbine Logging  
2385 S. Lipan St.  
Denver, CO 80223

## Rock Types

UNKNOWN	COAL	MARLSTONE	SHALY SANDSTONE
ANHYDRITE	CONGLOMERATE	METAMORPHIC	SHALY SILTSTONE
BENTONITE	DOLOMITE	NO SAMPLE	SILTSTONE
BRECCIA	DOLOMITIC LIMESTONE	SALT	SILTY SHALE
CEMENT	GRANITE	SALT- PEPPER SAND	TILL
CHALK	GYPSUM	SANDSTONE	TUFF
CHERT	IGNEOUS	SHALE	WELDED TUFF
CLAY CHOKe SAND	LIMESTONE	SHALE COLORED	
CLAYSTONE	SIDERITE or LIMONITE	SHALE GRAY	

## Accessories

### Fossils

ALGAE
AMPHIPORA
BELEMNITE
BIOCLASTIC
BRACHIOIPOD
BRYOZOA
CEPHALOPOD
CORAL
CRINOID
ECHINOID
FISH
FORAMINIFERA
FOSSIL

GASTROPOD
INOCERAMUS
OOLITE
OSTRACOD
PELECYPOD
PELLET
PISOLITE
PLANT REMAINS
PLANT SPORES
SCAPHOPOD
STROMATOPOROID

### Minerals

ANHYDRITIC
ARGILLACEOUS

ARGILLITE GRAIN
BENTONITE
BITUMENOUS SUBSTANCE
BRECCIA FRAGMENTS
CALCAREOUS
CARBONACEOUS FLAKES
CHTDK
CHTLT
COAL - THIN BEDS
DOLOMITIC
FELDSPAR
FERRUGINOUS PELLET
FERRUGINOUS
GLAUCONITE
GYPSIFEROUS

HEAVY MINERAL
KAOLIN
MARLSTONE
MICACEOUS
MINERAL CRYSTALS
NODULES
PHOSPHATE PELLETS
PYRITE
SALT CAST
SANDY
SILICEOUS
SILTY
TUFFACEOUS

ANHYDRITE STRINGER
BENTONITE STRINGER
COAL STRINGER
DOLOMITE STRINGER
GYPSUM STRINGER
LIMESTONE STRINGER
MARLSTONE (CALC) STRG
MARLSTONE (DOL) STRG
SANDSTONE STRINGER
SHALE STRINGER
SILTSTONE STRINGER

### Stringer

## Other Symbols

### Oil Show

DEAD
EVEN
QUESTIONABLE
SPOTTED STAINING

### Porosity

E EARTHY
F FENESTRAL
F FRACTURE
X INTERCRYSTALLINE
I INTEROOLITIC
M MOLDIC

ORGANIC
P PINPOINT
V VUGGY

### Engineering

BIT CHANGE
CONNECTION (LEFT)
CONNECTION (RIGHT)
CONNECTION GAS
TRIP GAS
DOWN TIME GAS
CORE - LOST
CORE - RECOVERED
DST INTERVAL

FAULT
FORMATION TOP
GAS SHOW
OIL SHOW
MN DEPTH
MN DEPTH (RIGHT)
NORMAL FAULT
OVERTURNED STRATA
REVERSE FAULT
CASING
SIDEWALL CORE (LEFT)
SIDEWALL CORE (RIGHT)
SLIDE
SURVEY

DRILL STEM TEST
WIRELINE TESTED - LEFT
WIRELINE TESTED - RT

### Rounding

A ANGULAR
R ROUNDED
S SUBANG
S SUBRND

### Textures

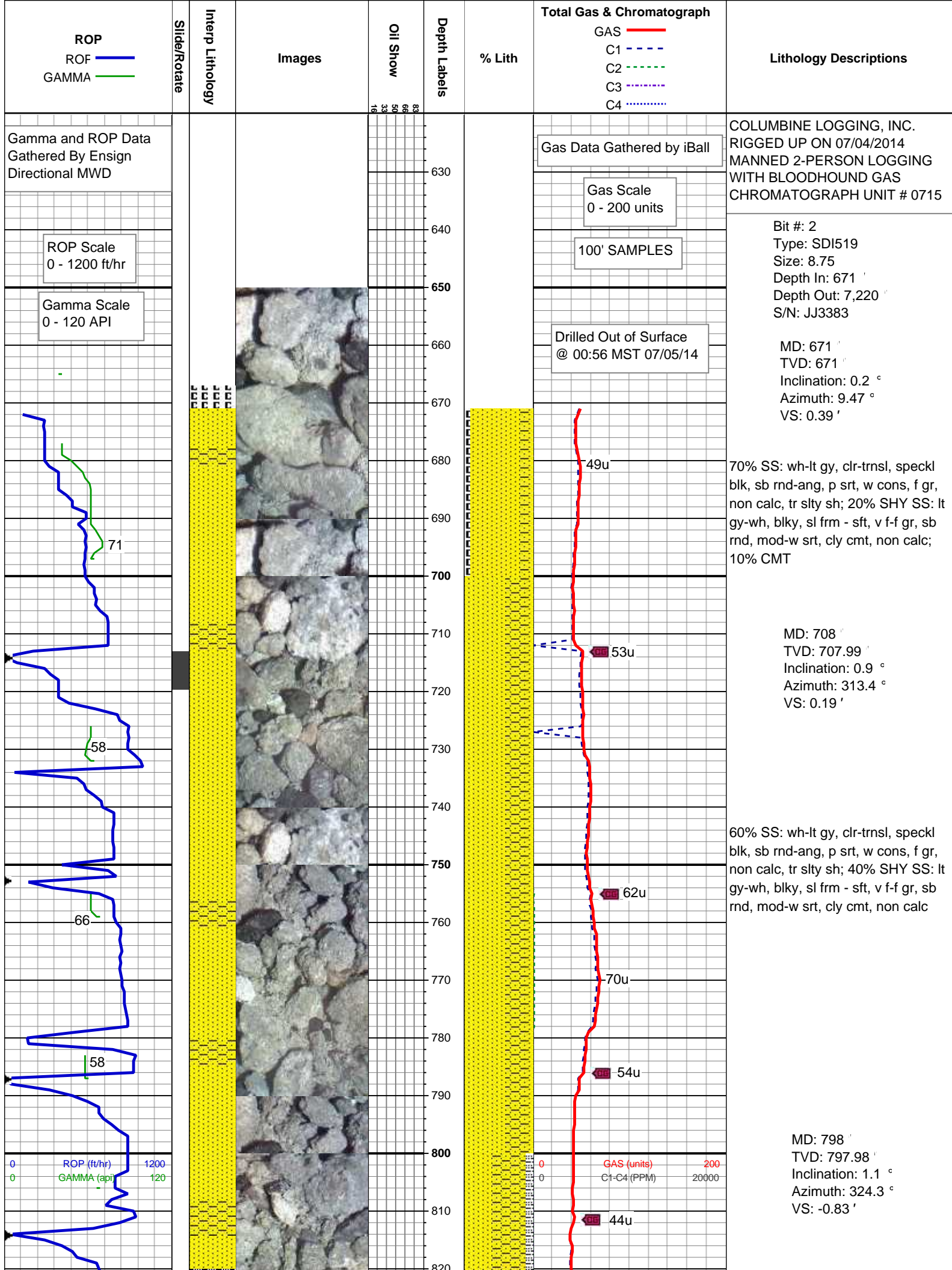
B BOUNDSTONE
C CHALKY
C CRYPTOXLN

E EARTHY
F FINELYXLN
G GRAINSTONE
L LITHOGRAPHIC
M MICROXLN
M MUDSTONE
P PACKSTONE
W WACKESTONE

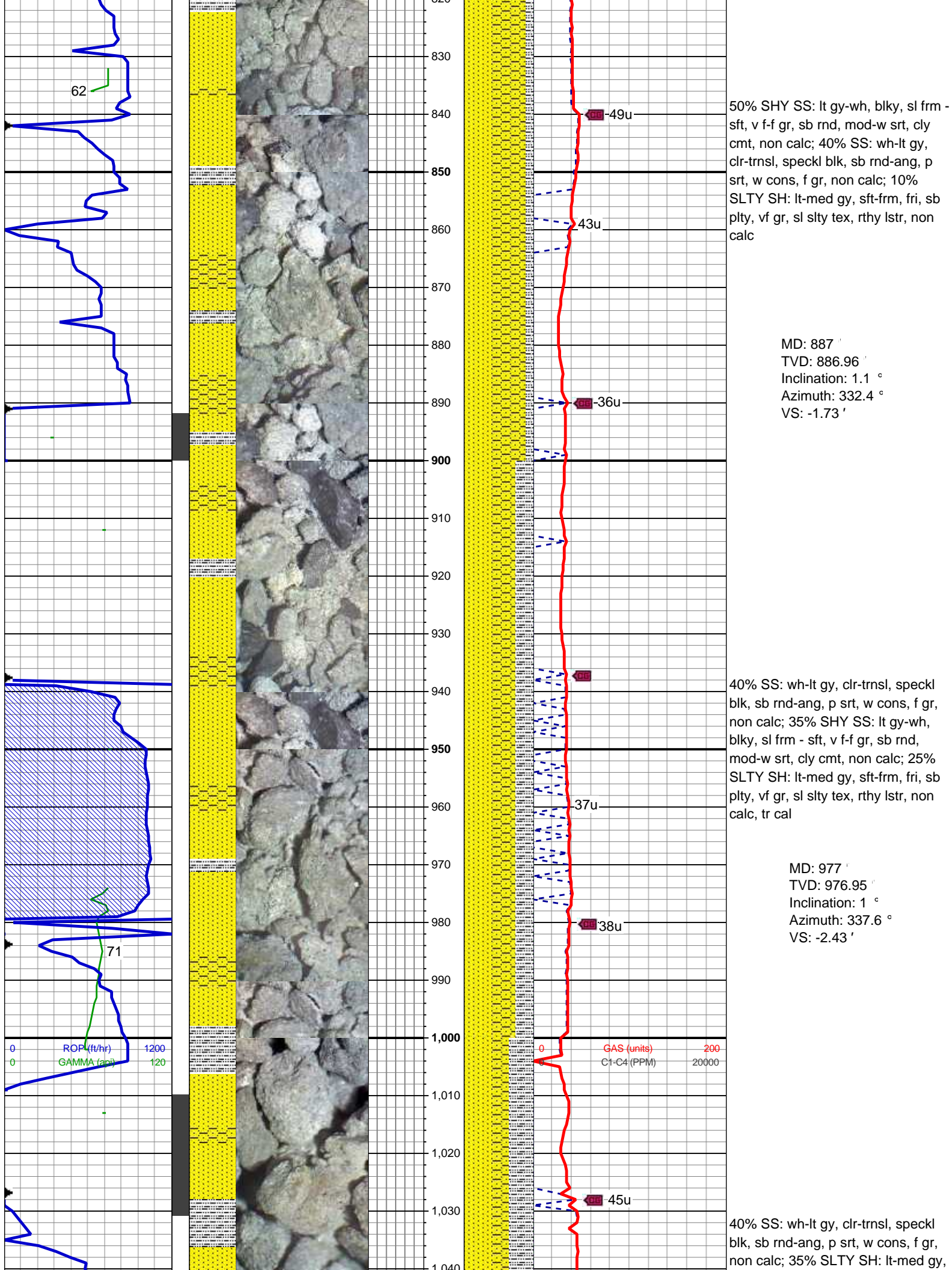
### Sorting

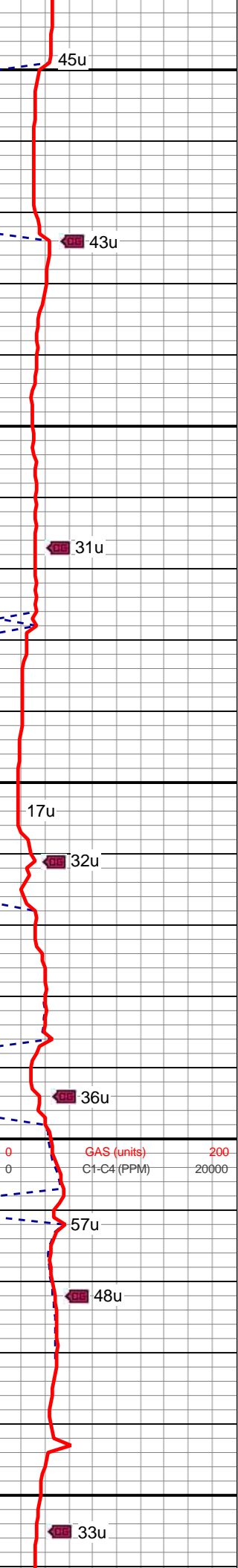
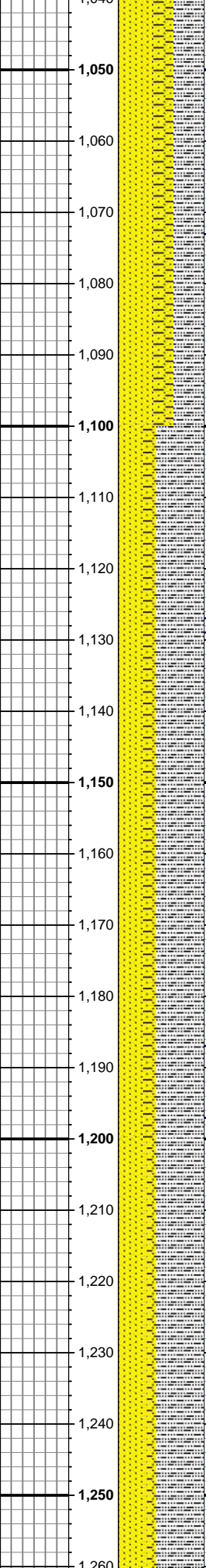
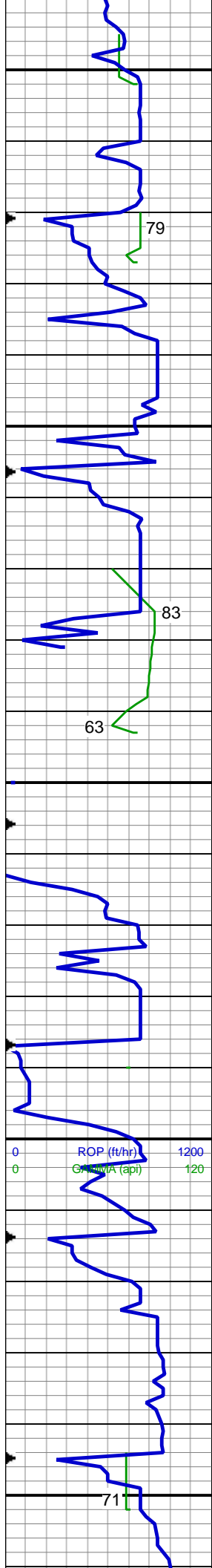
M MODERATE
P POOR
W WELL











sft frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; SS: wh-lt gy, clr-trnsl, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc; 25% SHY SS: lt gy-wh, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc

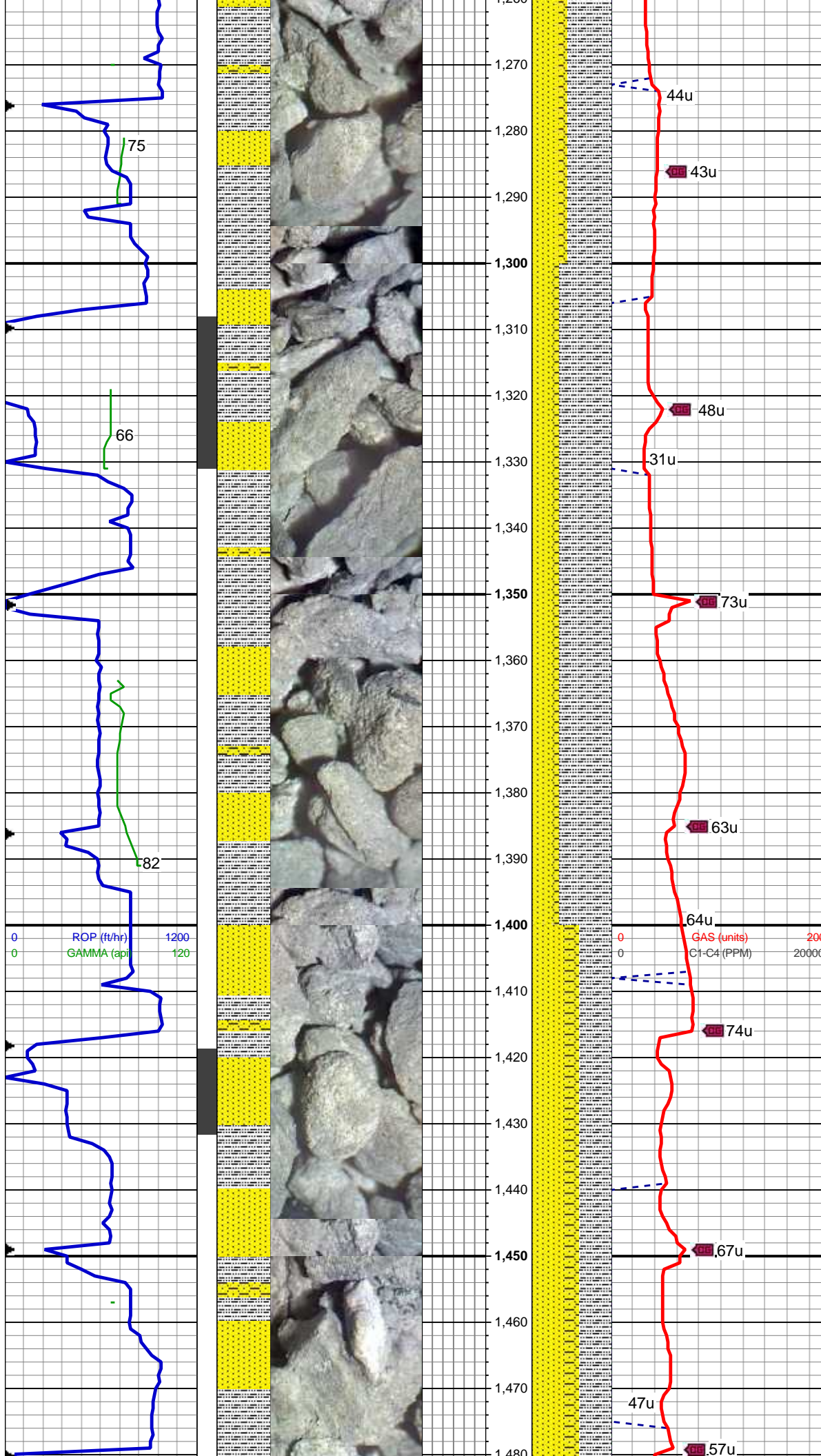
MD: 1,067 '  
TVD: 1,066.94 '  
Inclination: 0.9 °  
Azimuth: 59.4 °  
VS: -2.13 '

55% SLTY SH: lt-med gy, sft frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 30% SS: wh-lt gy, clr-trnsl, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc; 15% SHY SS: lt gy-wh, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc

MD: 1,175 '  
TVD: 1,174.93 '  
Inclination: 0.9 °  
Azimuth: 63.9 °  
VS: -0.64 '

55% SLTY SH: lt-med gy, sft frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 35% SS: wh-lt gy, clr-trnsl, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc; 10% SHY SS: lt gy-wh, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc





MD: 1,270 '  
TVD: 1,269.91 '  
Inclination: 1.5 °  
Azimuth: 106.2 °  
VS: 1.23 '

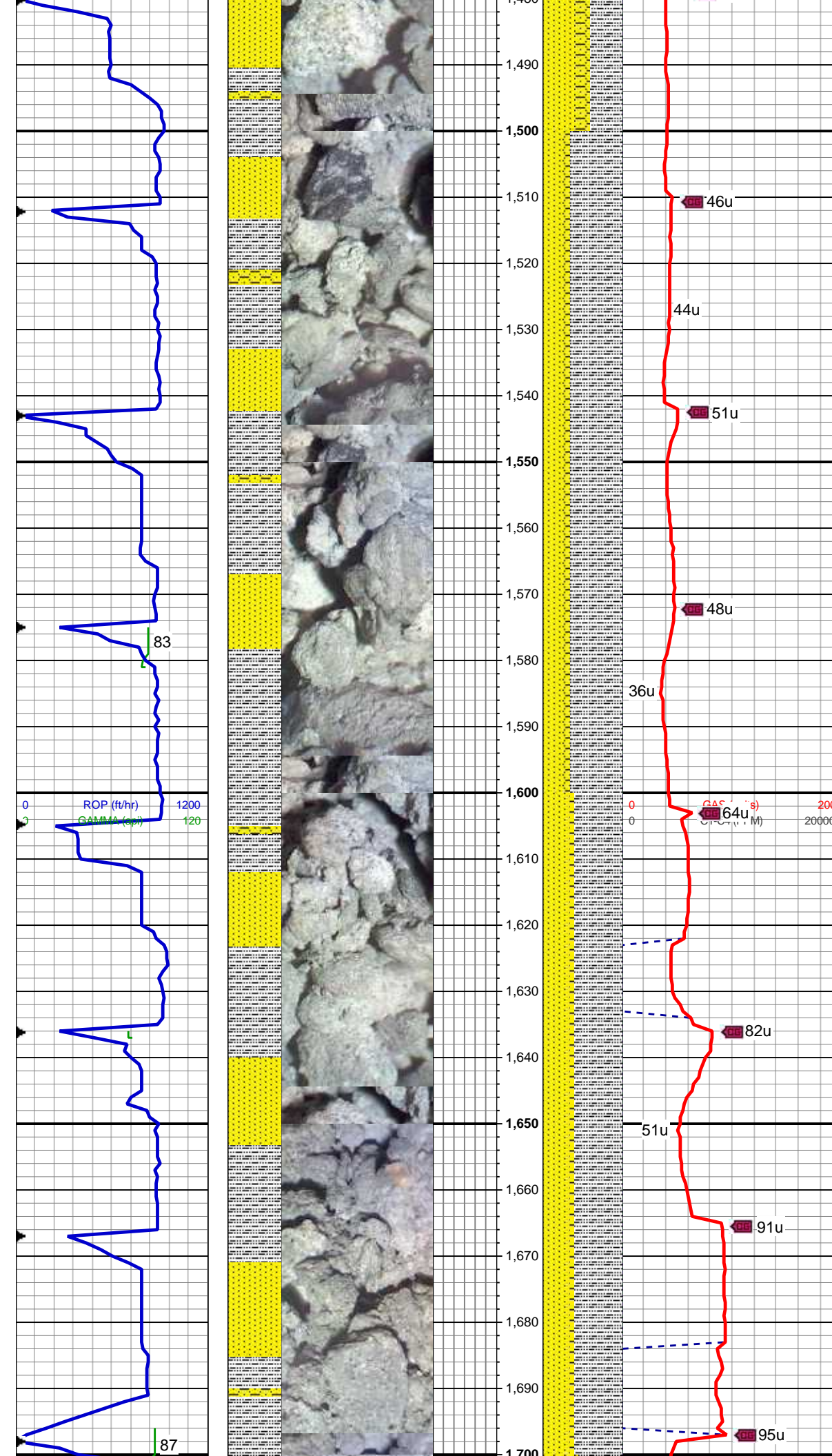
MW 8.7 / VIS 34

65% SLTY SH: lt-med gy, sft frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 25% SS: wh-lt gy, clr-trnsl, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc; 10% SHY SS: lt gy-wh, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc

MD: 1,368 '  
TVD: 1,367.89 '  
Inclination: 0.1 °  
Azimuth: 104.1 °  
VS: 2.54 '

40% SLTY SH: lt-med gy, sft frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 40% SS: wh-lt gy, clr-trnsl, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc; 20% SHY SS: lt gy-wh, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc

MD: 1,463 '  
TVD: 1,462.89 '  
Inclination: 0.9 °  
Azimuth: 241.6 °  
VS: 1.97 '



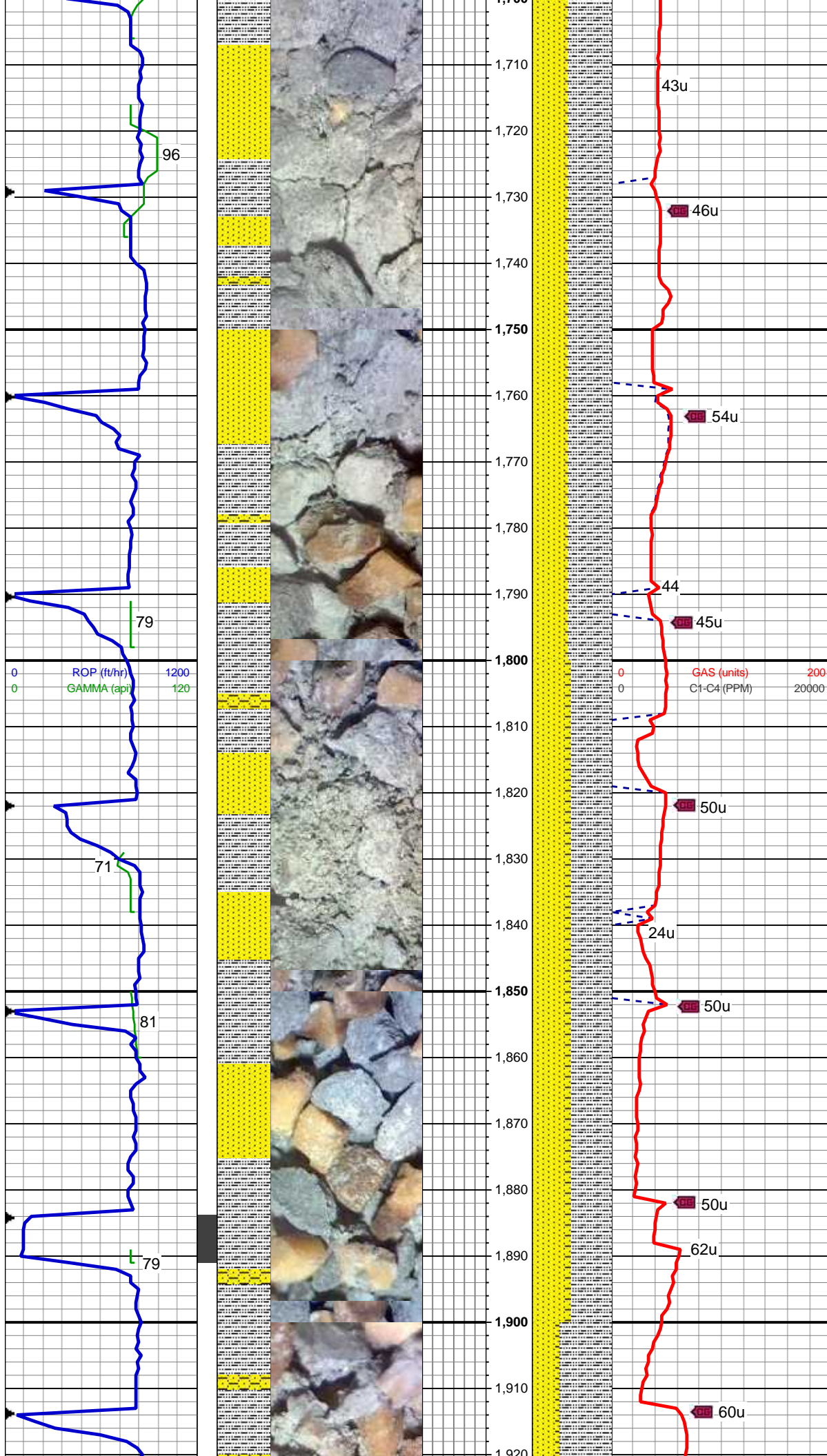
65% SLTY SH: lt-med gy, sft frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 25% SS: wh-lt gy, clr-trnsl, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc; 10% SHY SS: lt gy-wh, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc

MD: 1,556 '  
TVD: 1,555.88 '  
Inclination: 0.9 °  
Azimuth: 218.4 °  
VS: 0.87 '

60% SLTY SH: lt-med gy, sft frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 35% SS: wh-lt gy, clr-trnsl, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc; 5% SHY SS: lt gy-wh, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc

MD: 1,650 '  
TVD: 1,649.87 '  
Inclination: 1 °  
Azimuth: 231 °  
VS: -0.22 '





MD: 1,742 '  
TVD: 1,741.85 '  
Inclination: 1.2 °  
Azimuth: 226.9 °  
VS: -1.54 '

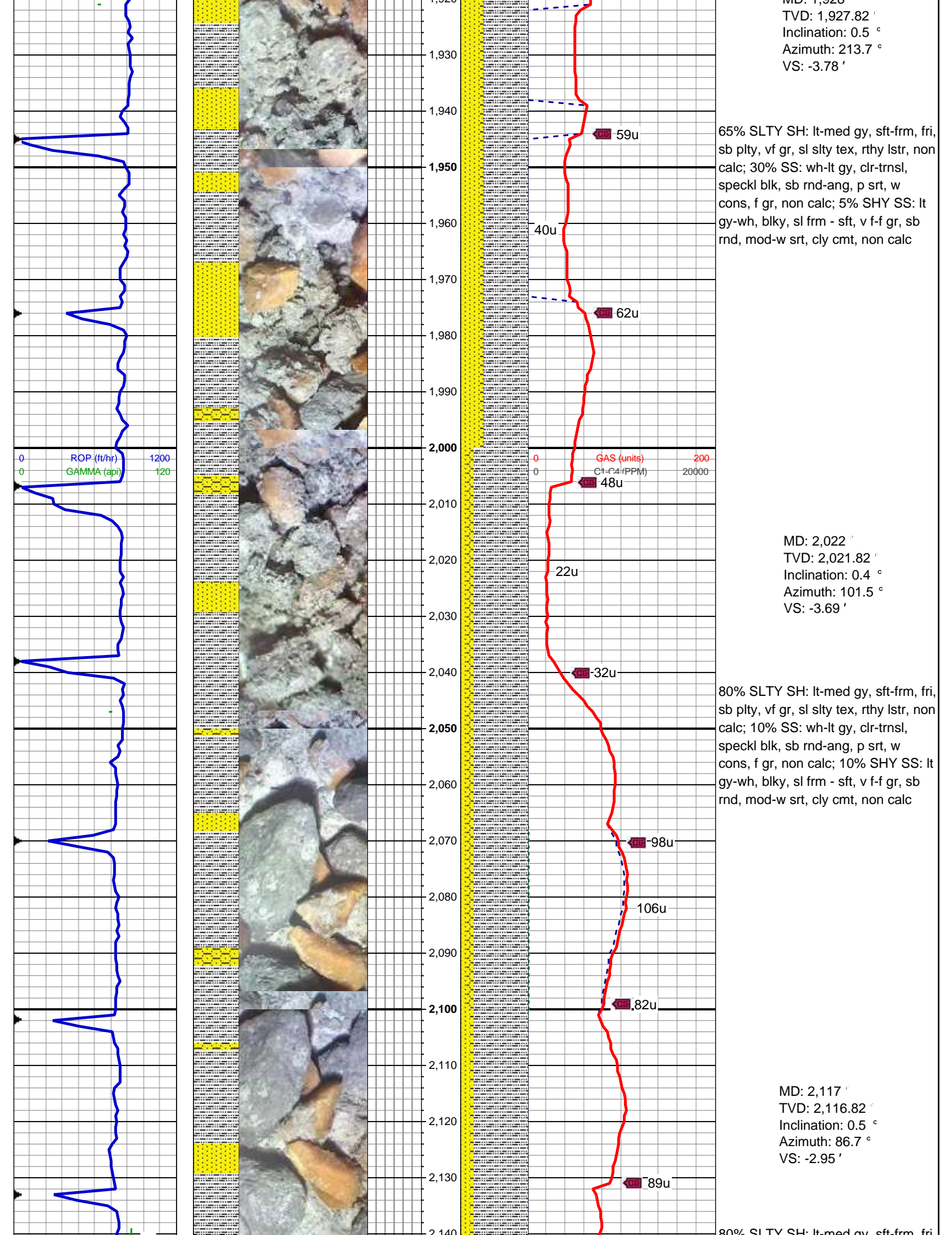
55% SLTY SH: lt-med gy, sft frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 40% SS: wh-lt gy, clr-trnsl, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc; 5% SHY SS: lt gy-wh, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc

MW 8.6 / VIS 42

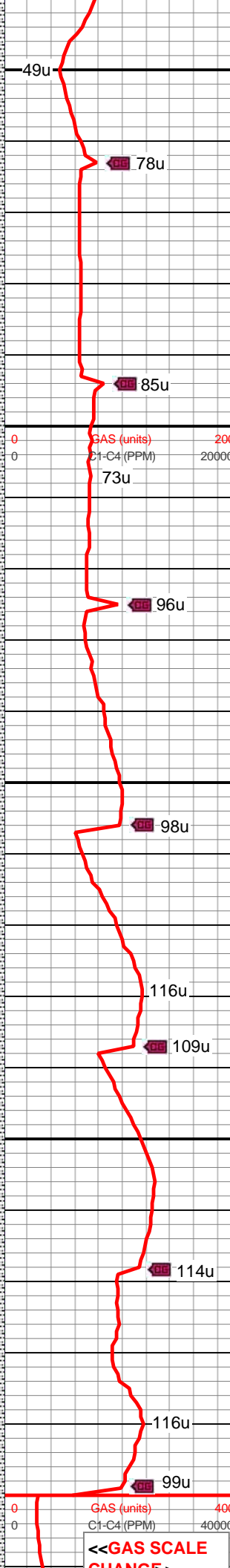
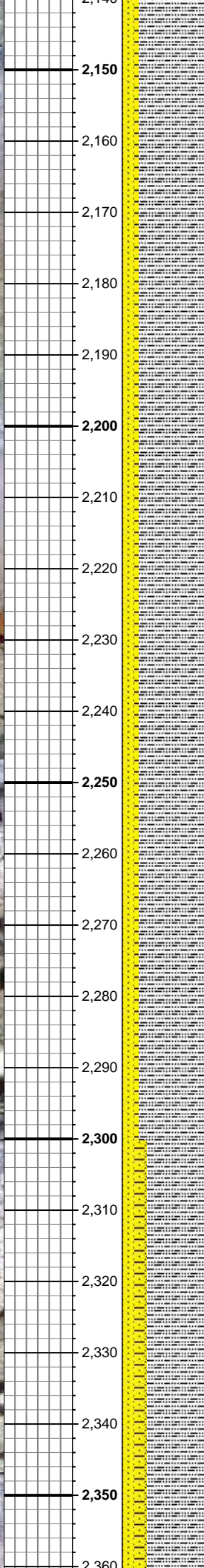
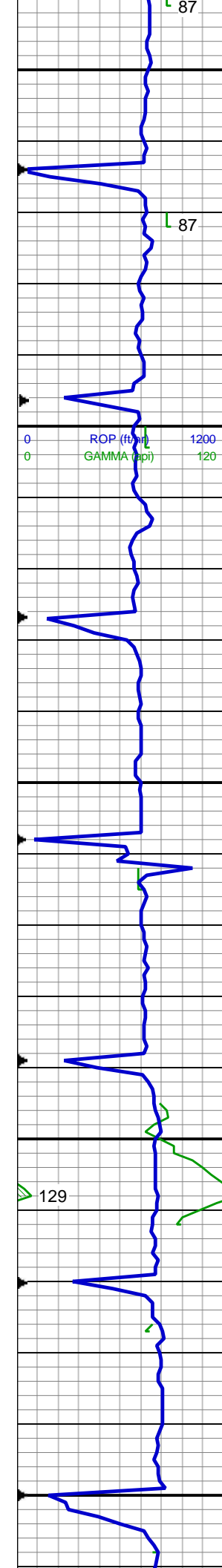
MD: 1,836 '  
TVD: 1,835.83 '  
Inclination: 1.1 °  
Azimuth: 226.9 °  
VS: -2.92 '

50% SLTY SH: lt-med gy, sft frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 40% SS: wh-lt gy, clr-trnsl, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc; 10% SHY SS: lt gy-wh, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc

MD: 1,928 '







60% SLTY SH: lt-med gy, sft-frn, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 15% SS: wh-lt gy, clr-trnsl, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc; 5% SHY SS: lt gy-wh, blkly, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc

MW 8.8 / VIS 43

MD: 2,210 '  
TVD: 2,209.81 '  
Inclination: 0.8 °  
Azimuth: 70.7 °  
VS: -1.93 '

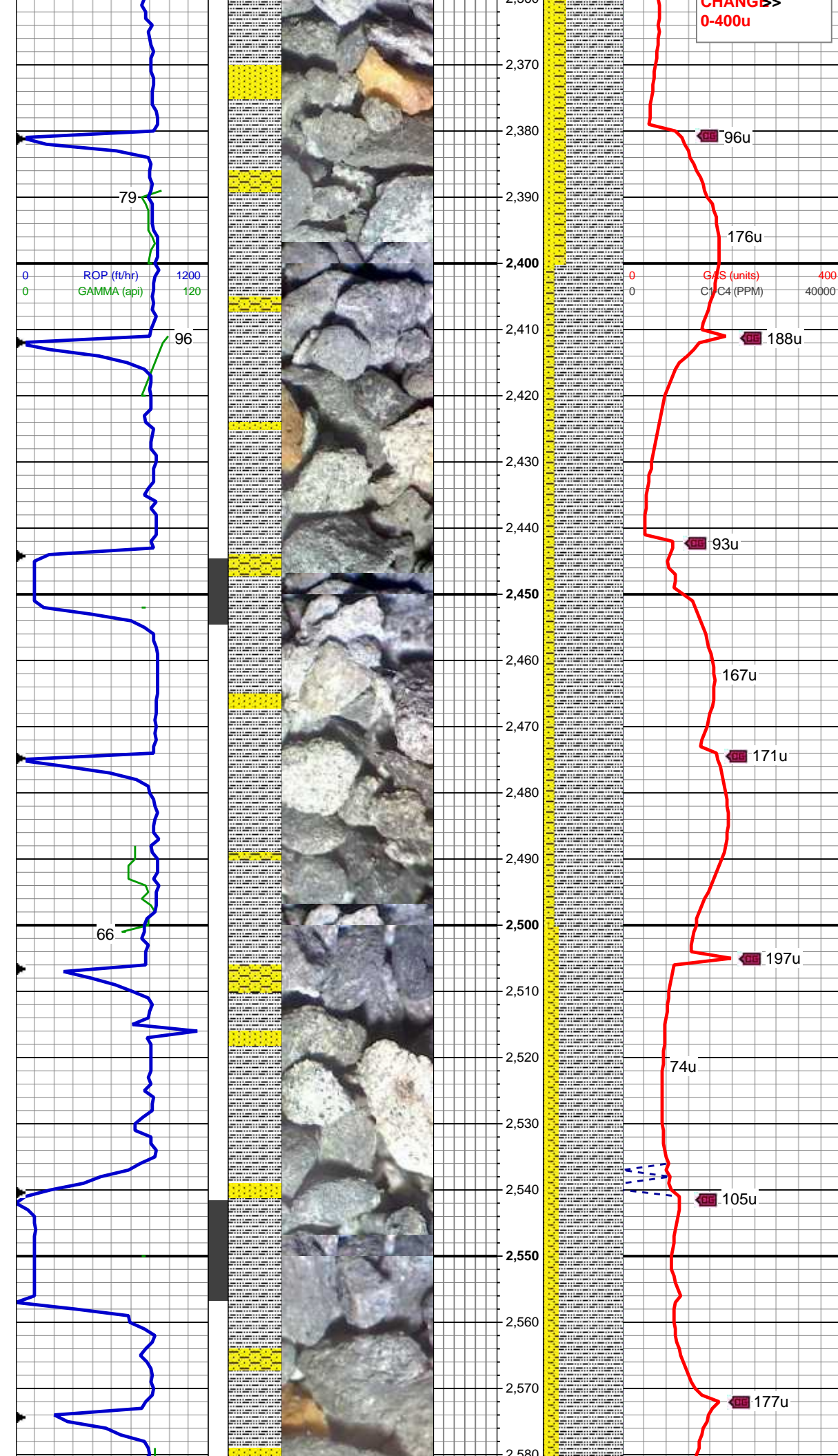
80% SLTY SH: lt-med gy, sft-frn, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 15% SS: wh-lt gy, clr-trnsl, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc; 5% SHY SS: lt gy-wh, blkly, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc

MD: 2,303 '  
TVD: 2,302.8 '  
Inclination: 0.7 °  
Azimuth: 69.1 °  
VS: -0.79 '

70% SLTY SH: lt-med gy, sft-frn, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 15% SS: wh-lt gy, clr-trnsl, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc; 15% SHY SS: lt gy-wh, blkly, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc

<<GAS SCALE CHANGE>>



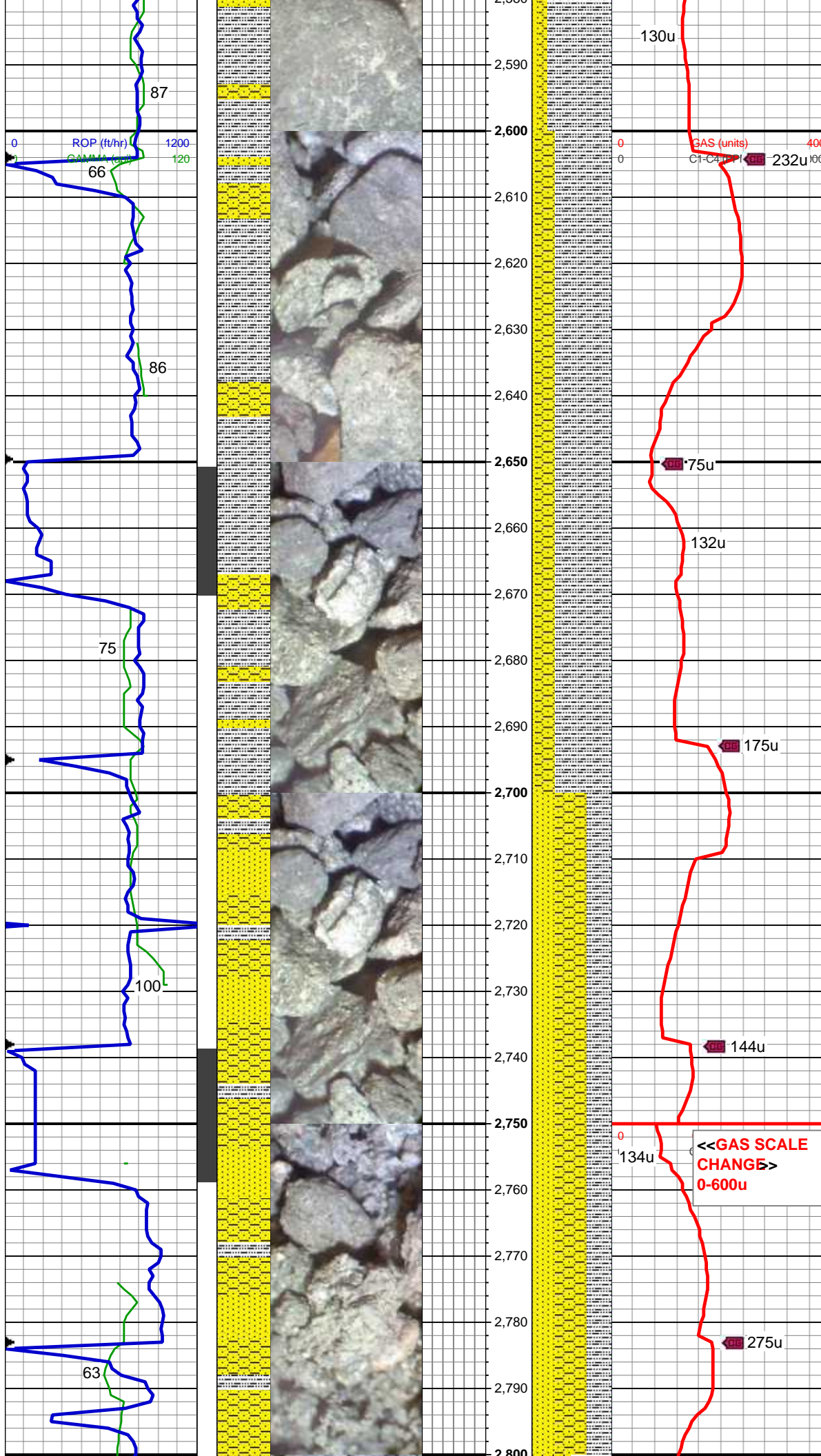


MD: 2,397 '  
TVD: 2,396.8 '  
Inclination: 0.5 °  
Azimuth: 68.3 °  
VS: 0.13 '

85% SLTY SH: lt-med gy, sft frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 10% SHY SS: lt gy-wh, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc; 5% SS: wh-lt gy, clr-trnsl, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc

MD: 2,491 '  
TVD: 2,490.79 '  
Inclination: 1 °  
Azimuth: 76.2 °  
VS: 1.3 '

80% SLTY SH: lt-med gy, sft frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 10% SHY SS: lt gy-wh, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc; 10% SS: wh-lt gy, clr-trnsl, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc



MD: 2,598 '  
TVD: 2,597.74 '  
Inclination: 2.4 °  
Azimuth: 91.8 °  
VS: 4.45 '

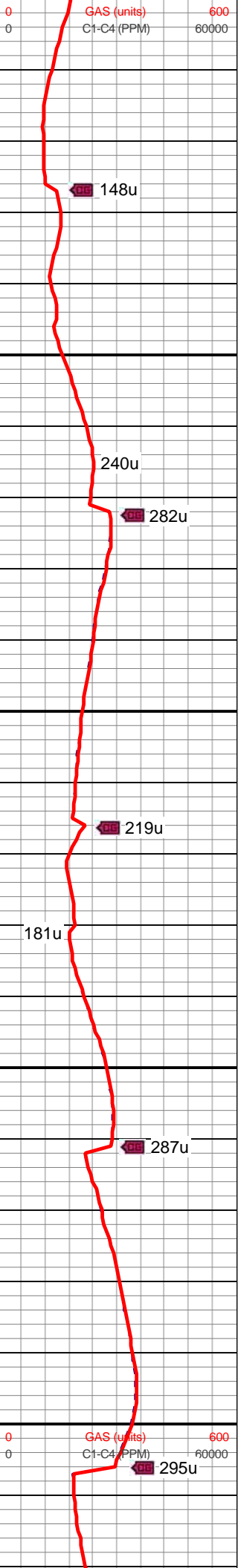
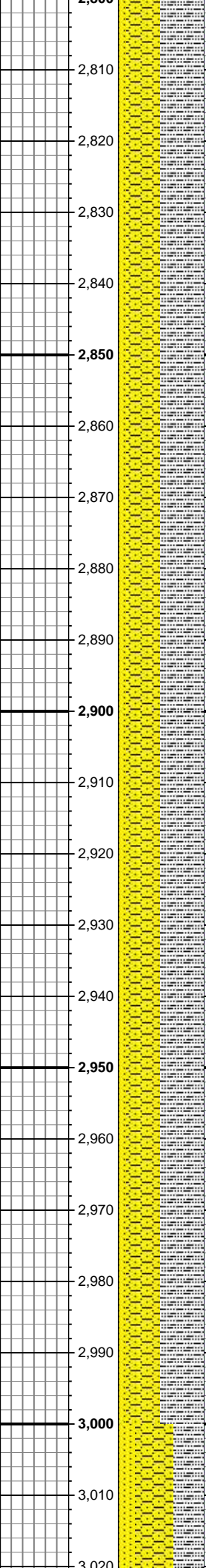
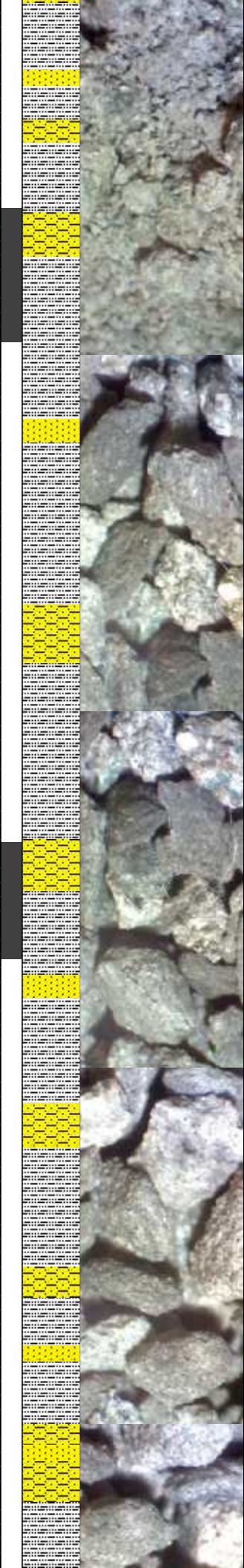
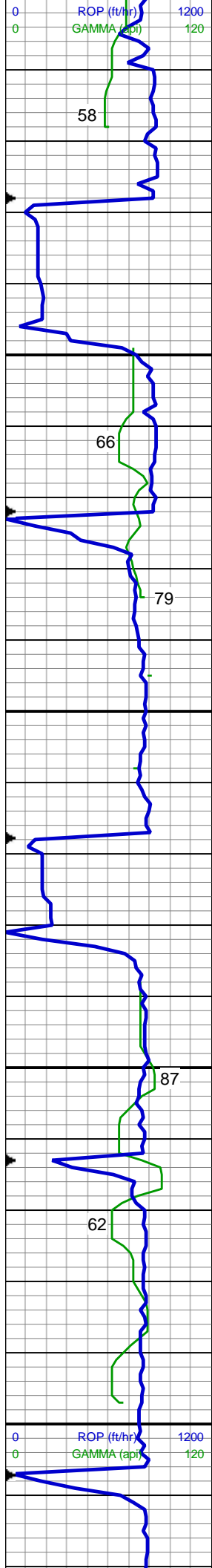
70% SLTY SH: lt-med gy, sft-frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 25% SHY SS: lt gy-wh, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc; 5% SS: wh-lt gy, clr-trnsl, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc

MD: 2,688 '  
TVD: 2,687.62 '  
Inclination: 3.5 °  
Azimuth: 117.7 °  
VS: 8.77 '

40% SHY SS: lt gy-wh, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc; 30% SLTY SH: lt-med gy, sft-frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 30% SS: wh-lt gy, clr-trnsl, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc

MD: 2,778 '  
TVD: 2,777.35 '  
Inclination: 5.4 °  
Azimuth: 118 °  
VS: 14.95 '





50% SLTY SH: lt-dk gy, sft-frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 40% SHY SS: lt gy-wh, occ gn incl, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc; 10% SS: wh-lt gy, clr-trnsl, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc; tr pyr

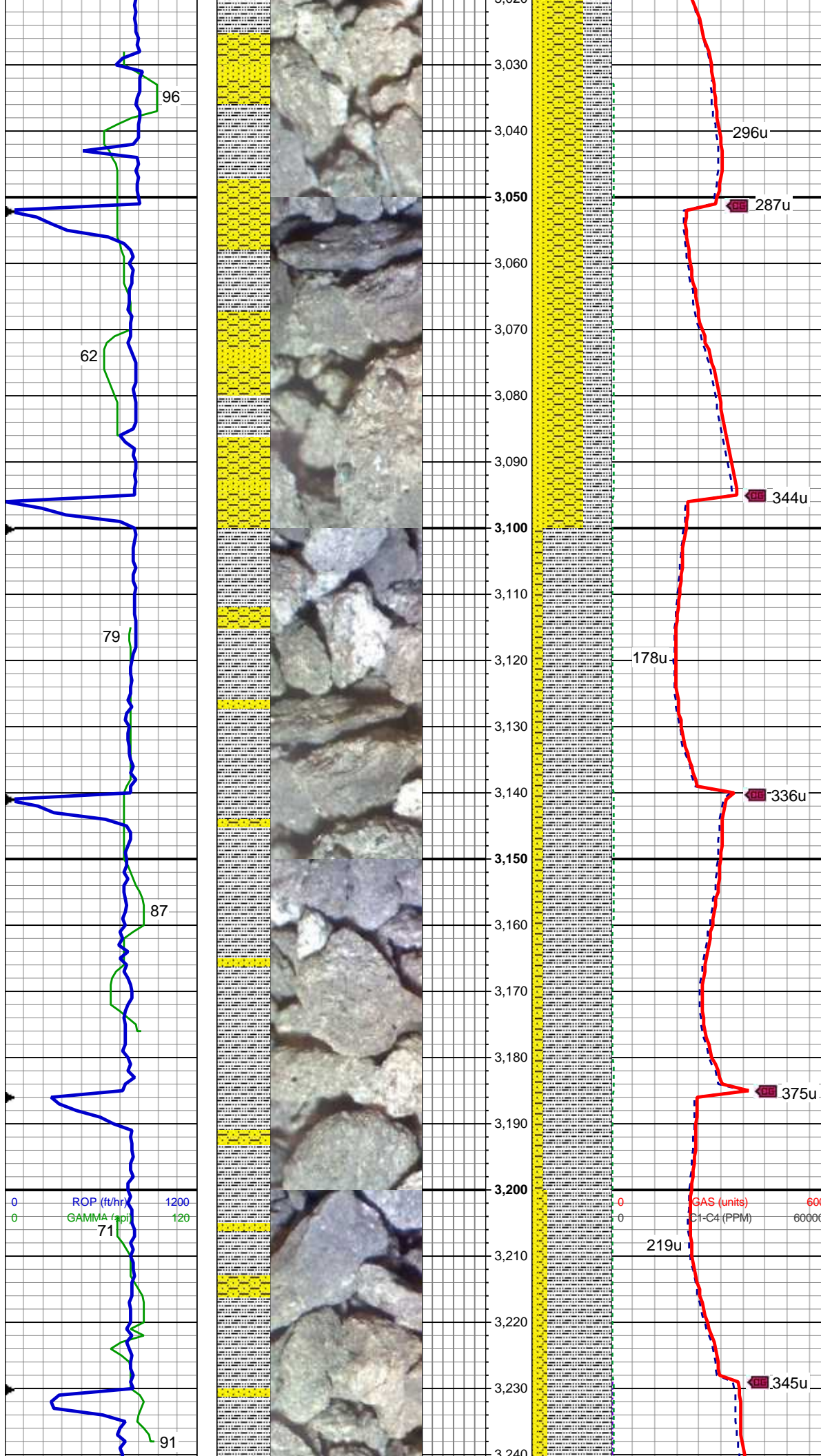
MD: 2,867 '  
TVD: 2,865.86 '  
Inclination: 6.6 °  
Azimuth: 127.1 °  
VS: 22.74 '

50% SLTY SH: lt-dk gy, sft-frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 40% SHY SS: lt gy-wh, occ gn incl, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc; 10% SS: wh-lt gy, clr-trnsl, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc

MD: 2,957 '  
TVD: 2,955.22 '  
Inclination: 7.1 °  
Azimuth: 131.8 °  
VS: 31.03 '

45% SHY SS: lt gy-wh, occ gn incl, blk, sl frm - sft, v f-f gr, sb rnd,





mod-w srt, cly cmt, non calc; 35%  
SLTY SH: lt-dk gy, sft-frm, fri, sb plty  
vf gr, sl slty tex, rthy lstr, non calc;  
20% SS: wh-lt gy, clr-trnsl, speckl  
blk, sb rnd-ang, p srt, w cons, f gr,  
non calc

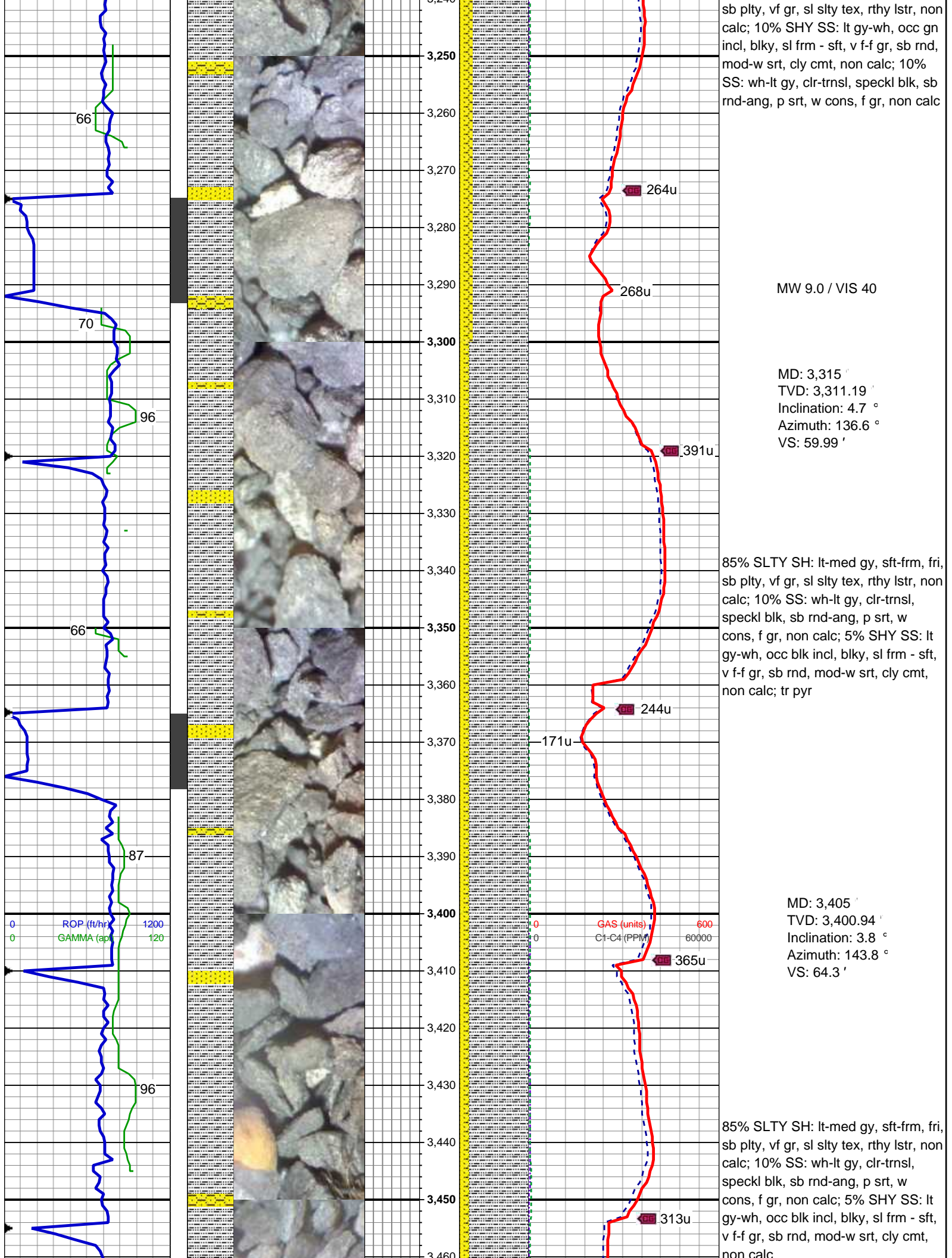
MD: 3,046 '  
TVD: 3,043.58 '  
Inclination: 6.6 °  
Azimuth: 131.7 °  
VS: 38.97 '

MD: 3,136 '  
TVD: 3,133.02 '  
Inclination: 6.2 °  
Azimuth: 130.6 °  
VS: 46.54 '

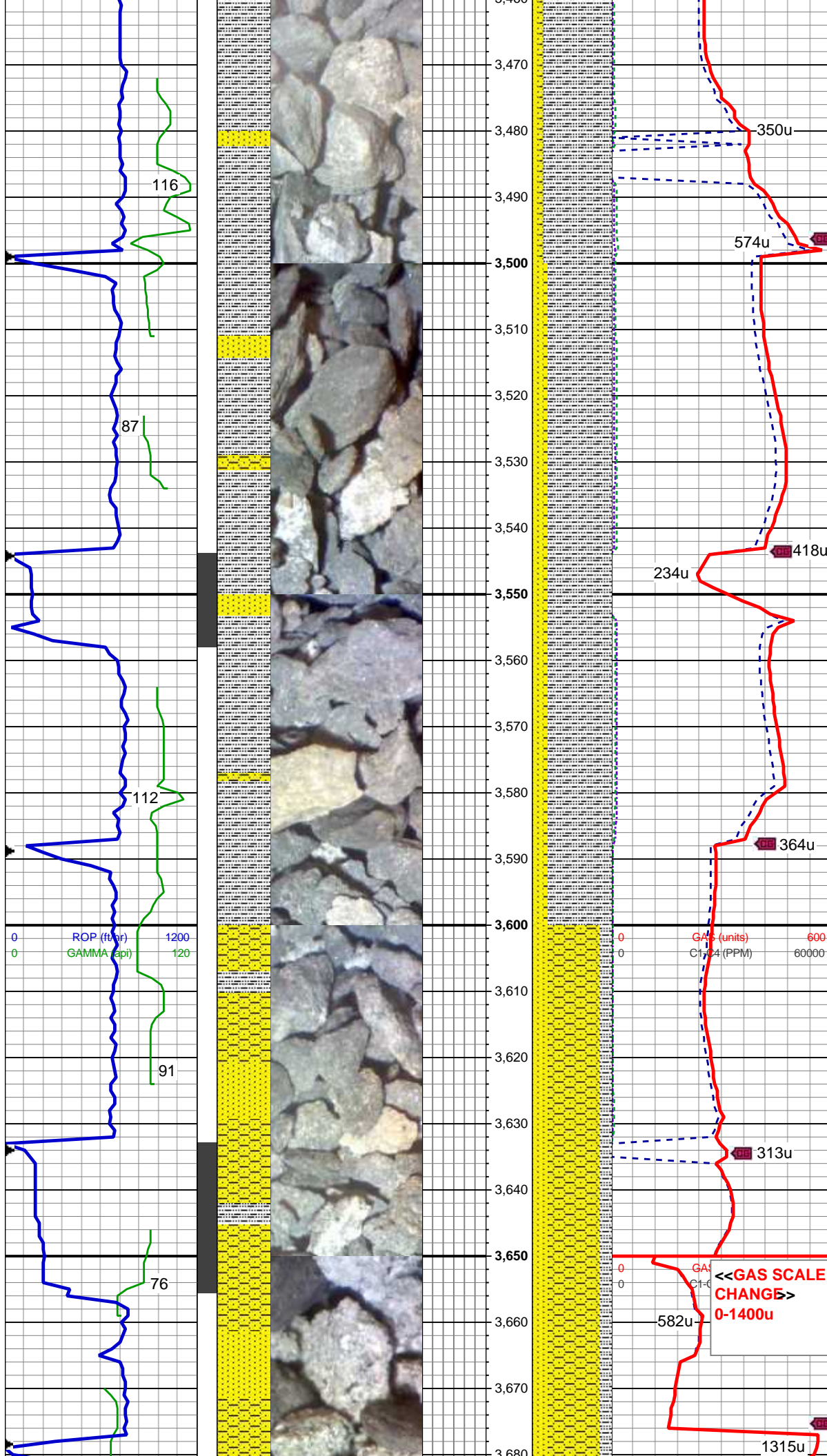
85% SLTY SH: lt-dk gy, sft-frm, fri,  
sb plty, vf gr, sl slty tex, rthy lstr, non  
calc; 10% SHY SS: lt gy-wh, occ gn  
incl, blk, sl frm - sft, v f-f gr, sb rnd,  
mod-w srt, cly cmt, non calc; 5%  
SS: wh-lt gy, clr-trnsl, speckl blk, sb  
rnd-ang, p srt, w cons, f gr, non calc

MD: 3,225 '  
TVD: 3,221.55 '  
Inclination: 5.6 °  
Azimuth: 124 °  
VS: 53.8 '

80% SLTY SH: lt-dk gy, sft-frm, fri,







MD: 3,494 '  
TVD: 3,489.78 '  
Inclination: 3.1 °  
Azimuth: 136.8 °  
VS: 67.7 '

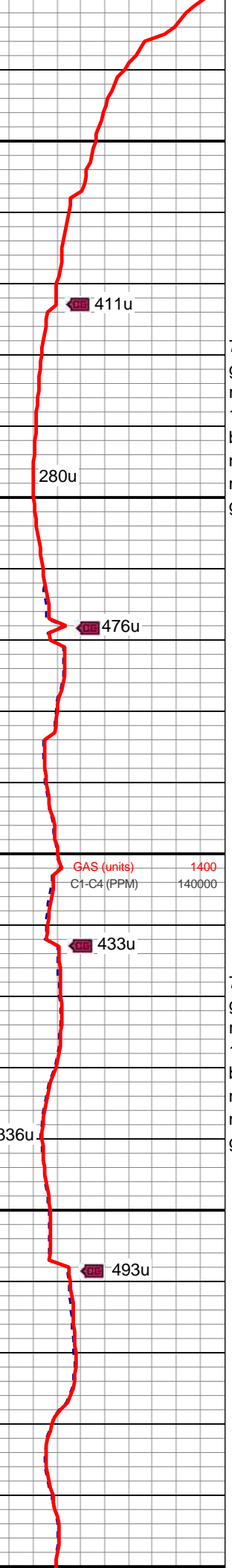
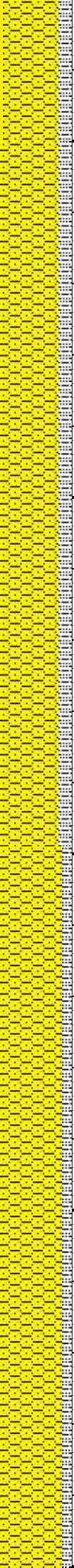
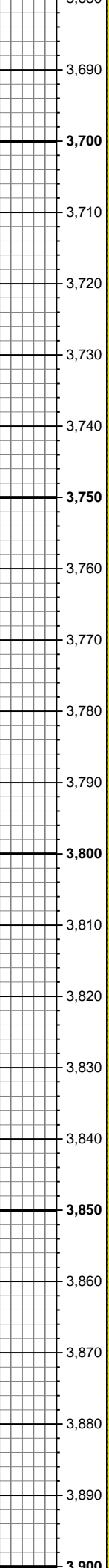
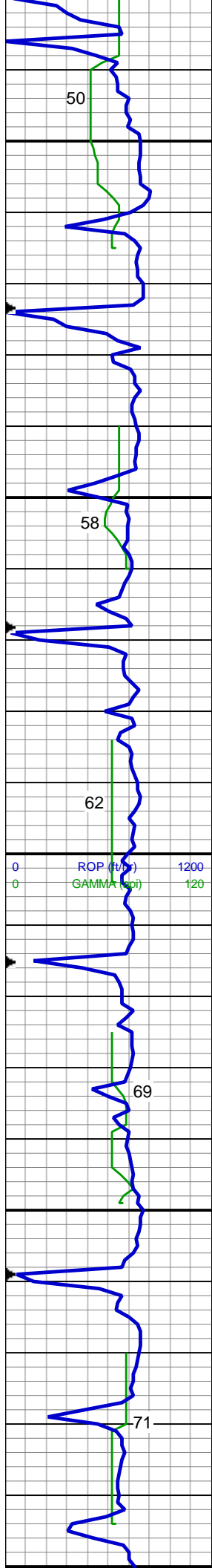
80% SLTY SH: lt-med gy, sft frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 15% SS: wh-lt gy, clr-trnsl, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc; 5% SHY SS: lt gy-wh, occ blk incl, blkly, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc

MD: 3,584 '  
TVD: 3,579.67 '  
Inclination: 2.6 °  
Azimuth: 150.7 °  
VS: 70.37 '

65% SHY SS: lt gy-wh, lt brn, blk & gn incl, blkly, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc; 20% SS: wh-lt gy, clr-trnsl, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc; 15% SLTY SH: med-dk-brn gy, sft frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc

MD: 3,674 '  
TVD: 3,669.63 '  
Inclination: 0.7 °  
Azimuth: 141.7 °





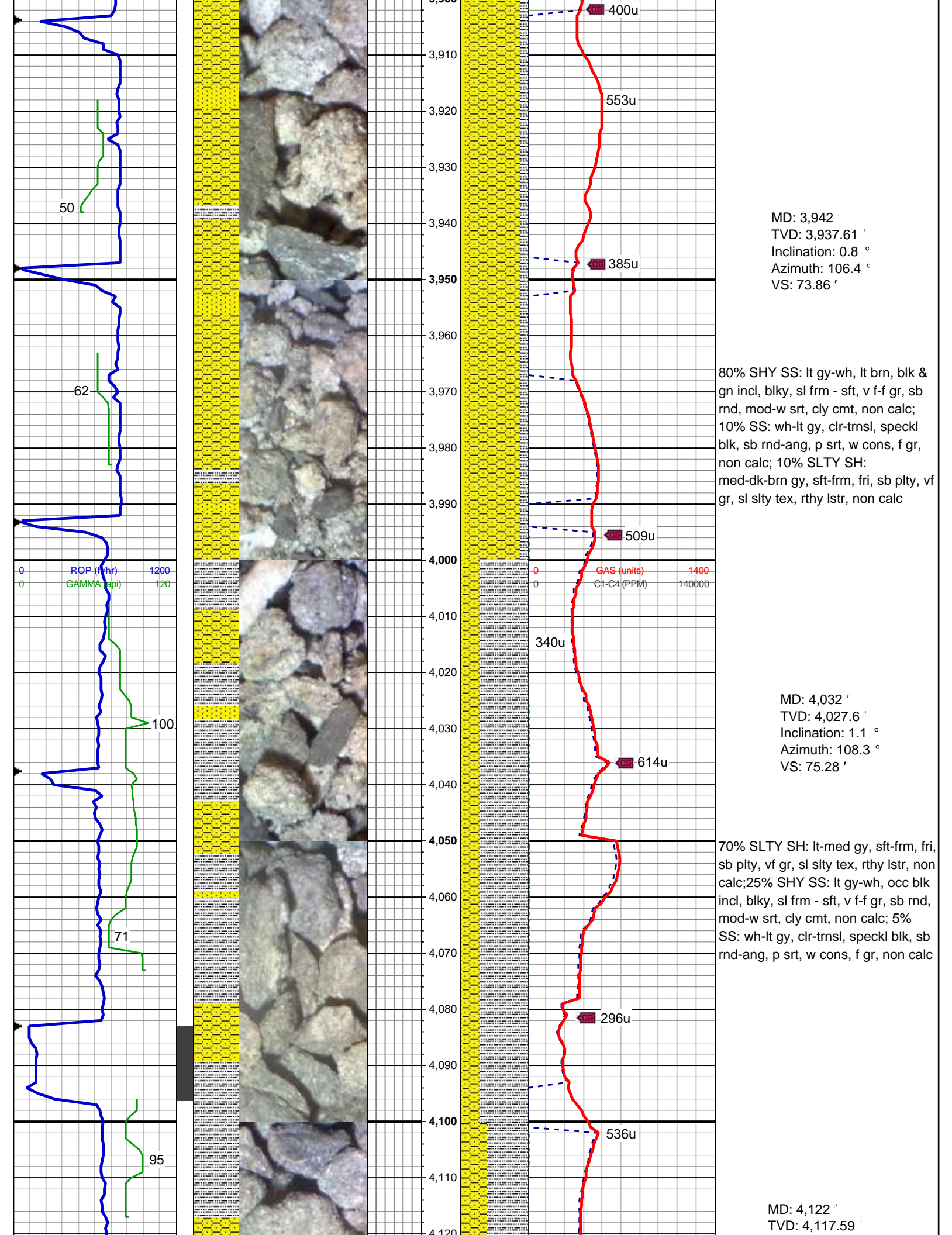
70% SHY SS: lt gy-wh, lt brn, blk & gn incl, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc; 15% SS: wh-lt gy, clr-trns, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc; 15% SLTY SH: med-dk-brn gy, sft-frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc

MD: 3,763 '  
TVD: 3,758.62 '  
Inclination: 0.4 °  
Azimuth: 144.4 °  
VS: 72.24 '

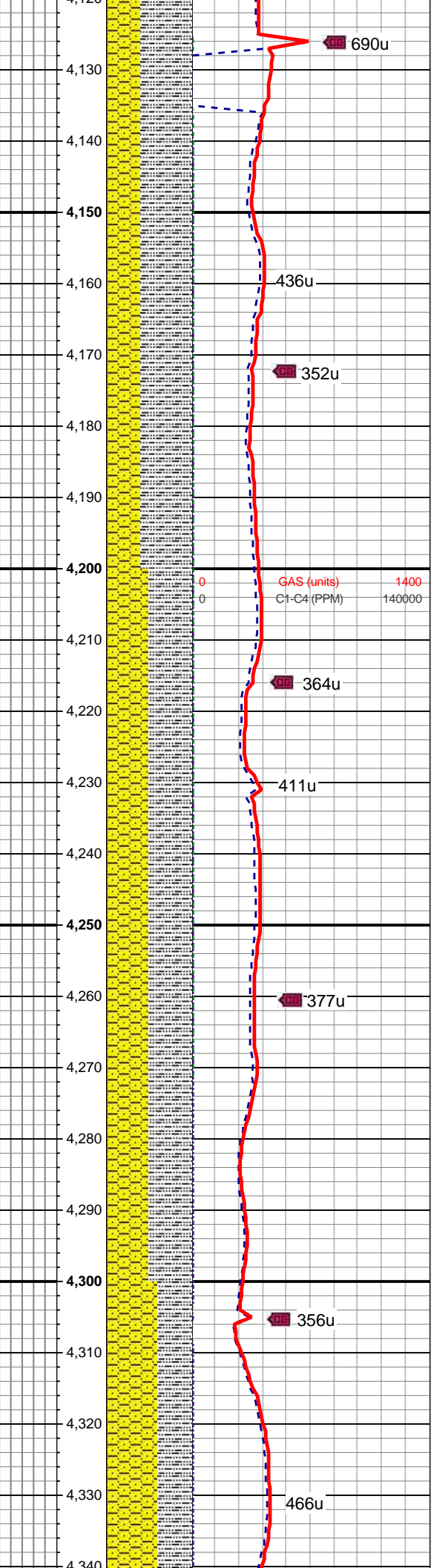
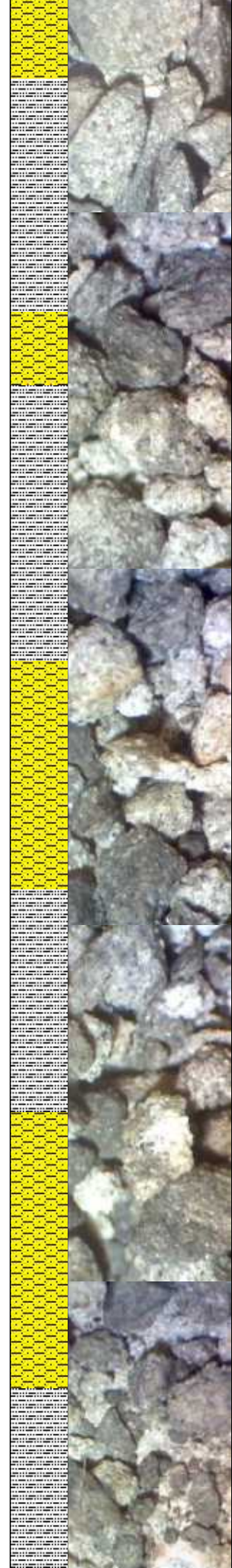
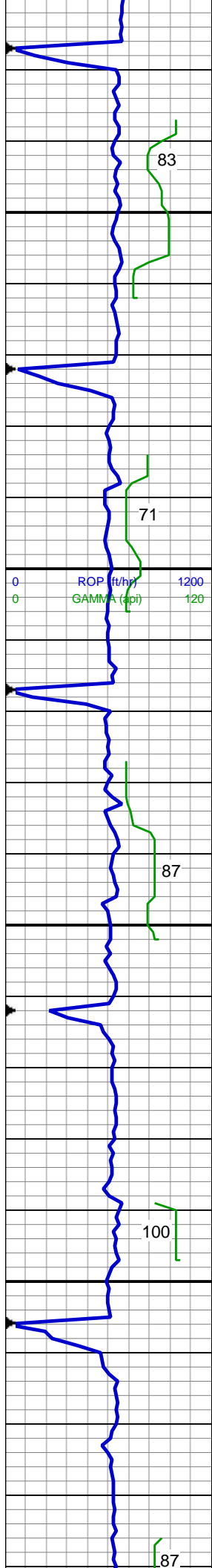
MW 9.1+ / VIS 40

75% SHY SS: lt gy-wh, lt brn, blk & gn incl, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc; 15% SS: wh-lt gy, clr-trns, speckl blk, sb rnd-ang, p srt, w cons, f gr, non calc; 10% SLTY SH: med-dk-brn gy, sft-frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc

MD: 3,853 '  
TVD: 3,848.62 '  
Inclination: 0.7 °  
Azimuth: 130 °  
VS: 72.84 '







Inclination: 1 °  
Azimuth: 178.2 °  
VS: 76.13 '

60% SLTY SH: lt-med gy, sft-frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 40% SHY SS: lt gy-wh, occ blk incl, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc

MD: 4,211 '  
TVD: 4,206.57 '  
Inclination: 1.4 °  
Azimuth: 176.4 °  
VS: 76.23 '

50% SLTY SH: lt-med gy, sft-frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 50% SHY SS: lt gy-wh, occ blk incl, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc

MD: 4,301 '  
TVD: 4,296.54 '  
Inclination: 1.4 °  
Azimuth: 150 °  
VS: 76.85 '

83

71

87

100

87

690u

436u

352u

364u

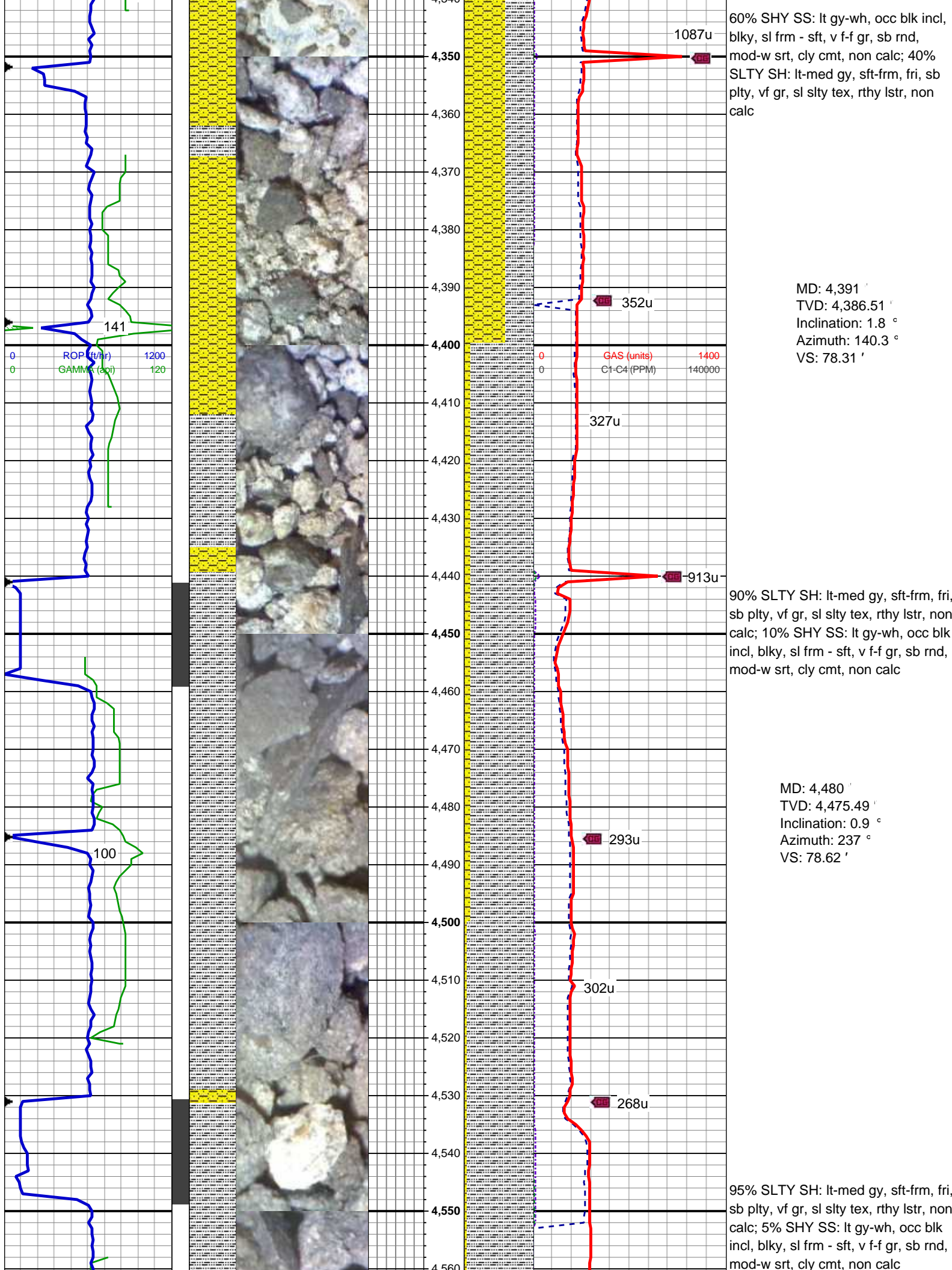
411u

377u

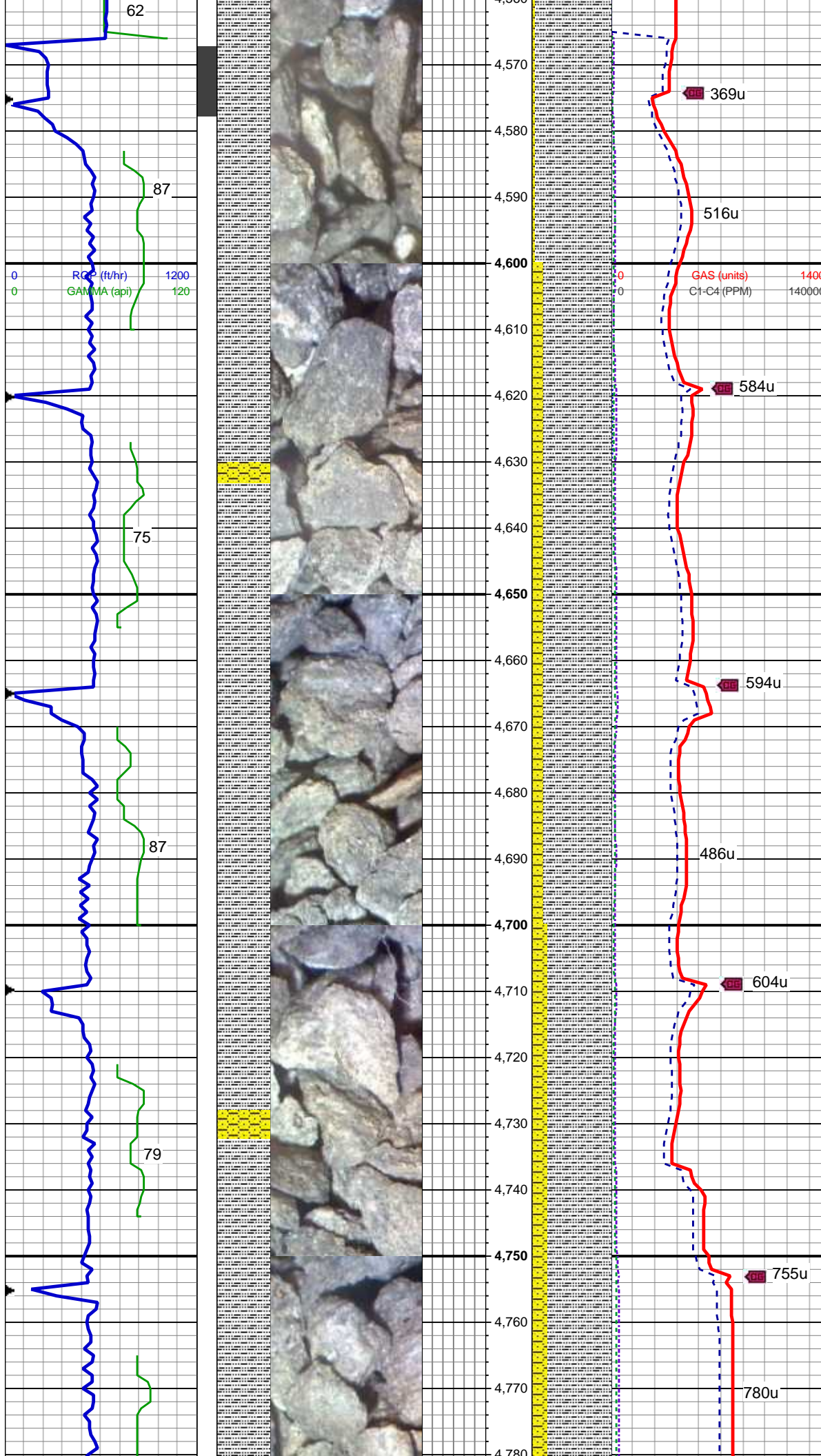
356u

466u

GAS (units) 1400  
C1-C4 (PPM) 140000







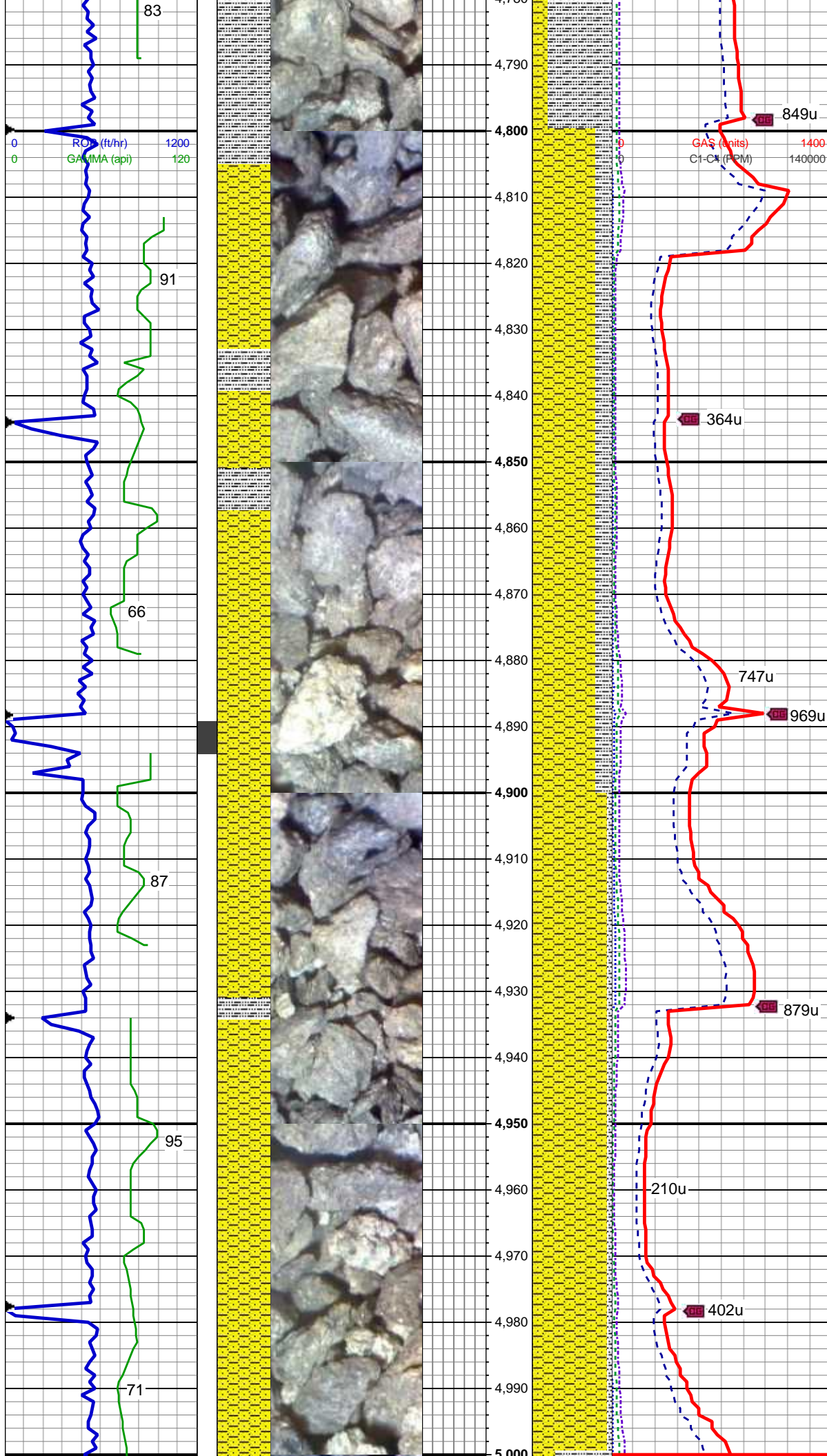
MD: 4,570 '  
TVD: 4,565.49 '  
Inclination: 0.4 °  
Azimuth: 304.4 °  
VS: 77.77 '

MW 9.2 / VIS 40

85% SLTY SH: lt-med gy, sft-frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 15% SHY SS: lt gy-wh, occ blk incl, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc

MD: 4,660 '  
TVD: 4,655.48 '  
Inclination: 0.2 °  
Azimuth: 310.2 °  
VS: 77.39 '

80% SLTY SH: lt-med gy, sft-frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 20% SHY SS: lt gy-wh, occ blk incl, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc



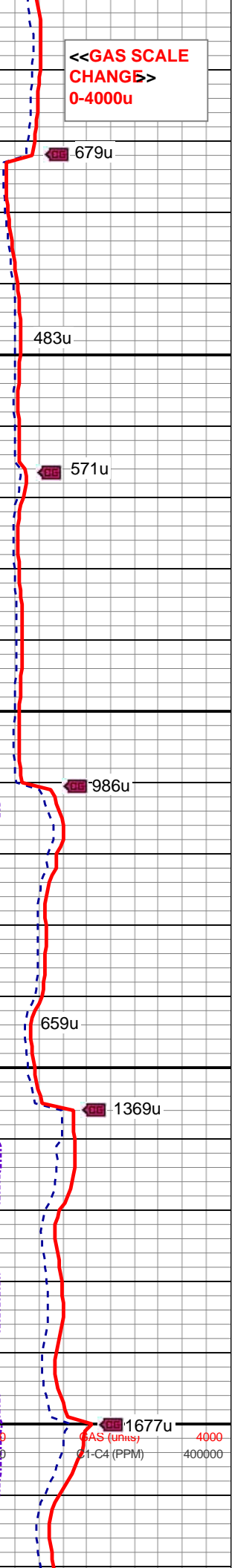
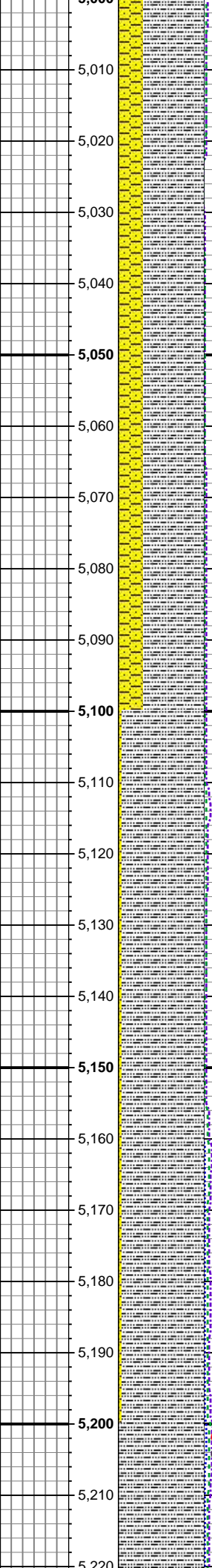
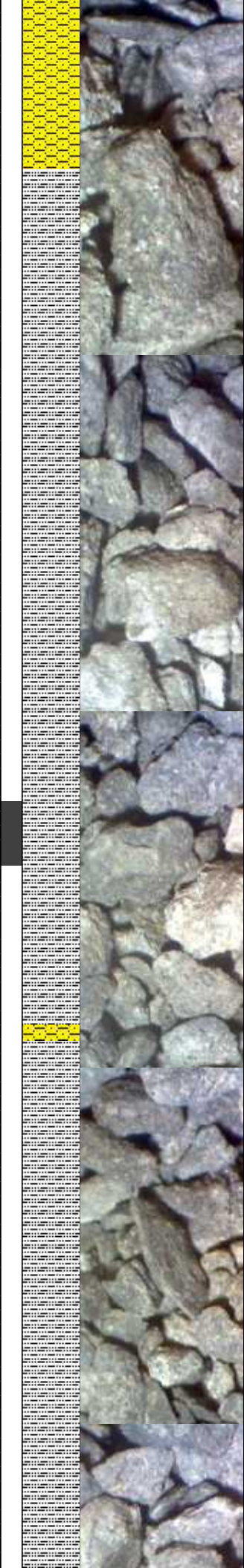
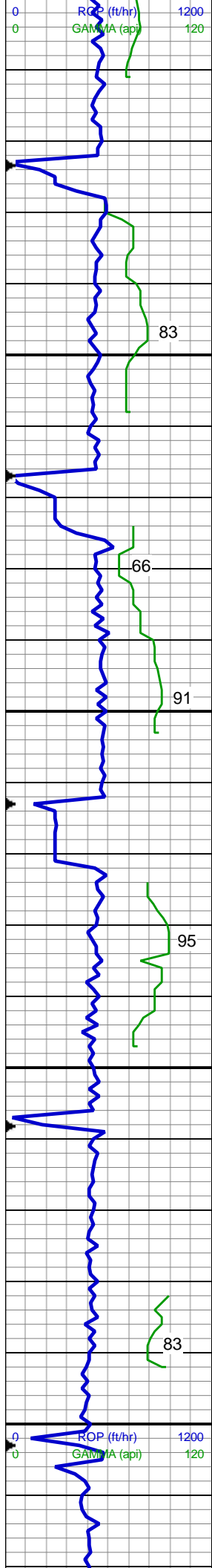
MD: 4,839 '  
TVD: 4,834.48 '  
Inclination: 0.5 °  
Azimuth: 236.1 °  
VS: 76.04 '

80% SHY SS: lt gy-wh, occ blk incl, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc; 20% SLTY SH: lt-med gy, sft frm, fri, sb pty, vf gr, sl slty tex, rthy lstr, non calc

MD: 4,929 '  
TVD: 4,924.47 '  
Inclination: 1 °  
Azimuth: 290.6 °  
VS: 74.97 '

95% SHY SS: lt gy-wh, occ blk incl, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc; 5% SLTY SH: lt-med gy, sft frm, fri, sb pty, vf gr, sl slty tex, rthy lstr, non calc





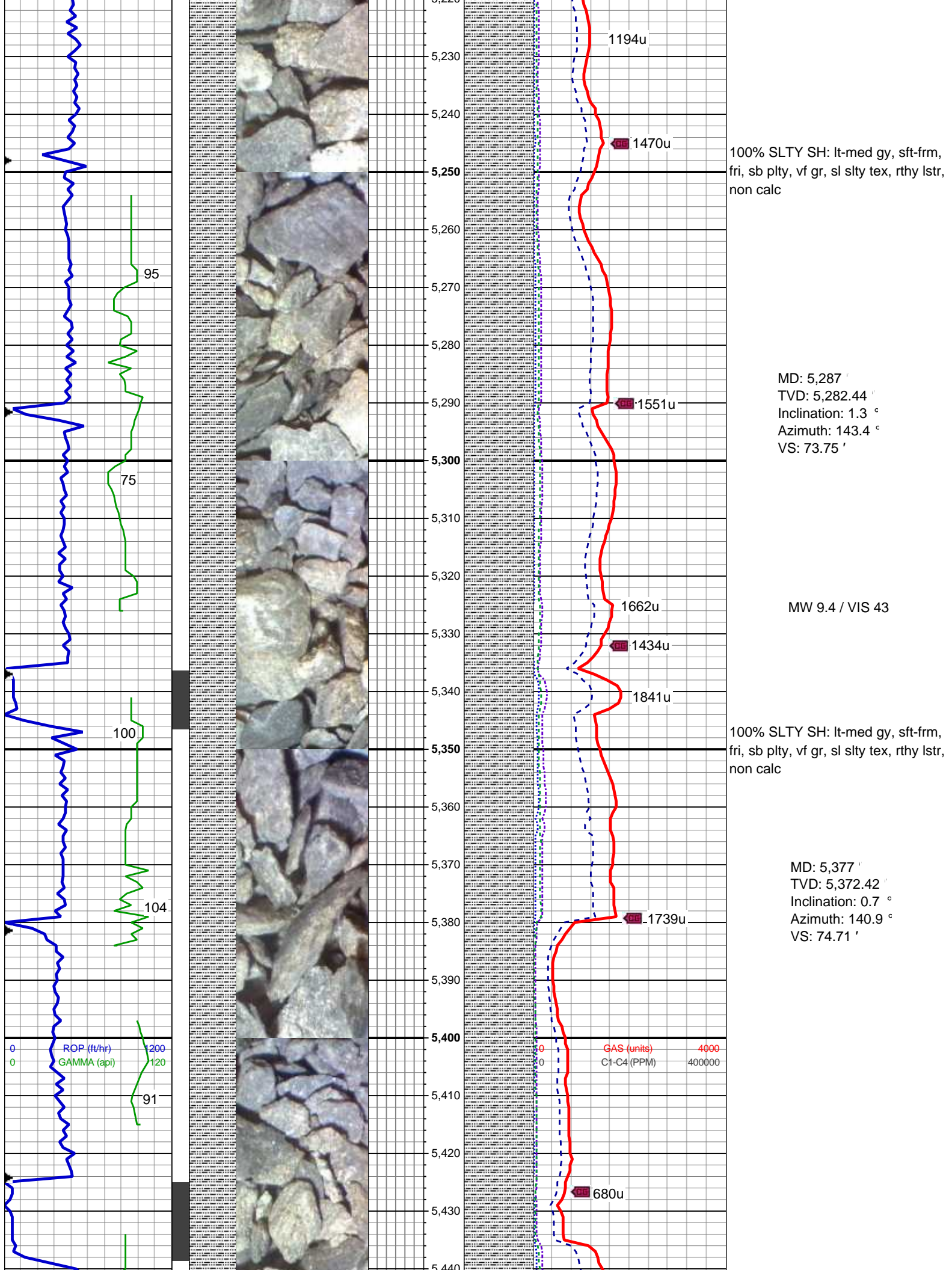
<<GAS SCALE  
CHANGE>>  
0-4000u

70% SLTY SH: lt-med gy, sft-frn, fri,  
sb plty, vf gr, sl slty tex, rthy lstr, non  
calc; 30% SHY SS: lt gy-wh, occ  
s&p, blk, sl frm - sft, v f-f gr, sb rnd,  
mod-w srt, cly cmt, non calc

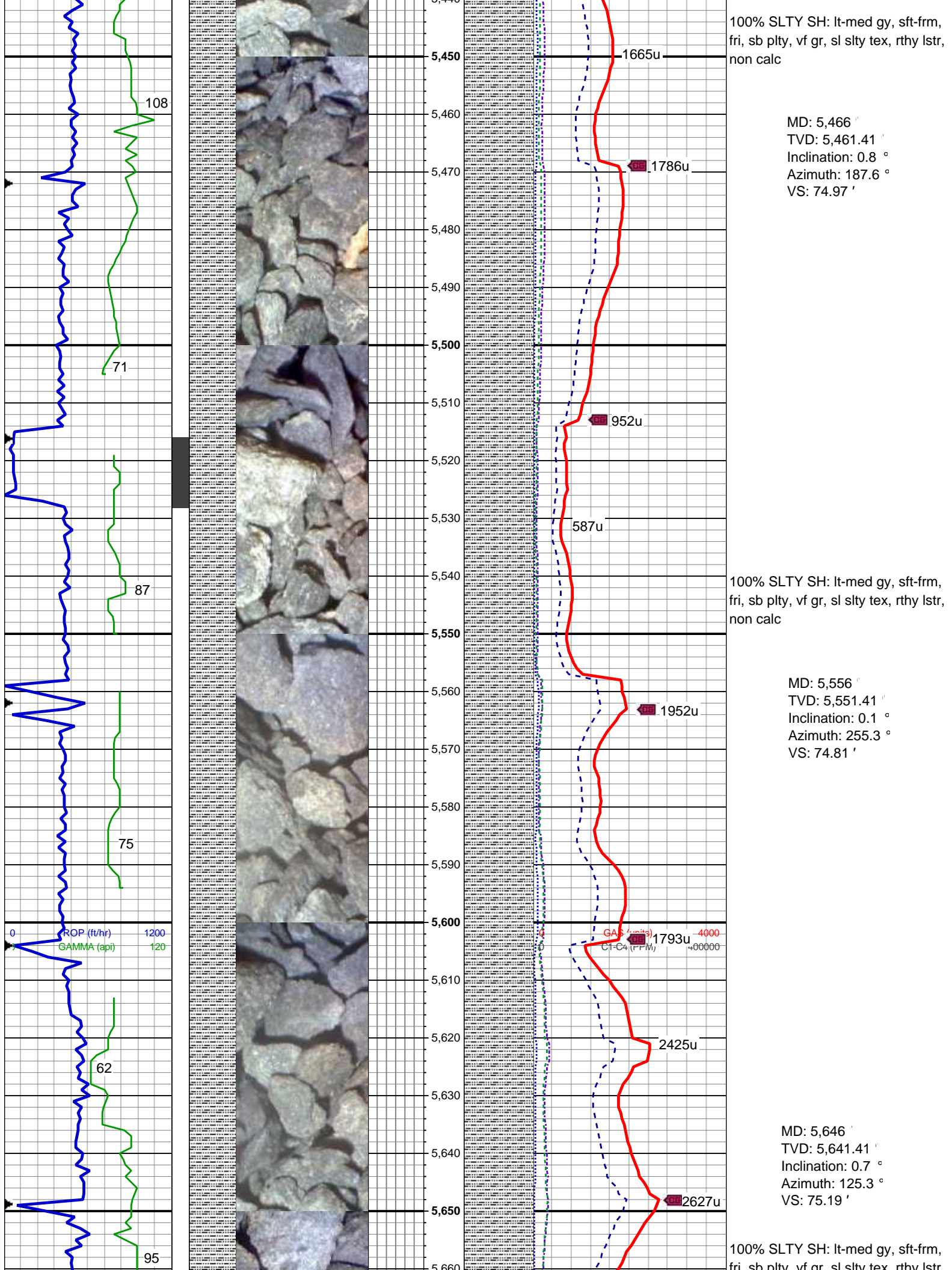
MD: 5,108 '  
TVD: 5,103.46 '  
Inclination: 0.4 °  
Azimuth: 255.9 °  
VS: 72.9 '

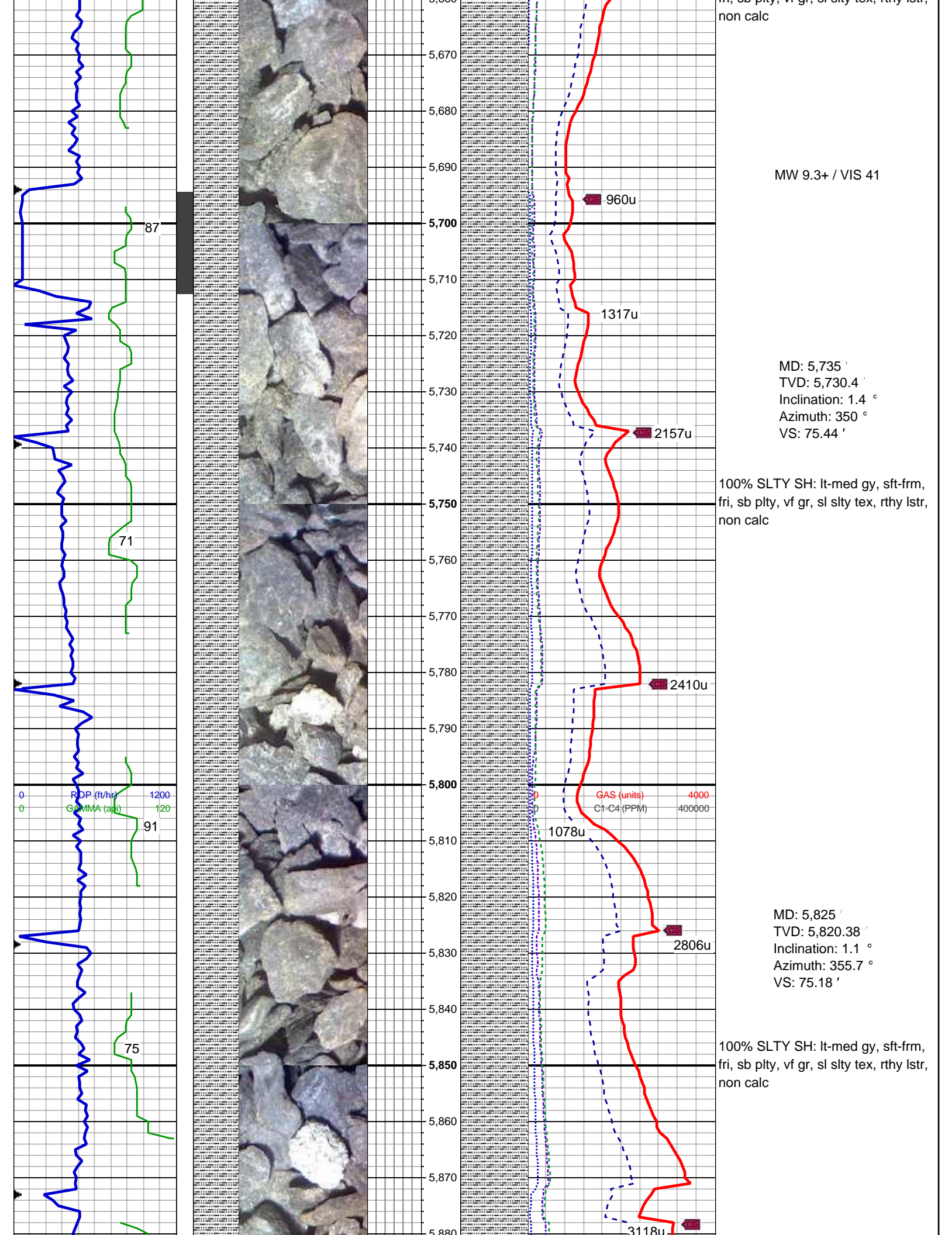
95% SLTY SH: lt-med gy, sft-frn, fri,  
sb plty, vf gr, sl slty tex, rthy lstr, non  
calc; 5% SHY SS: lt gy-wh, occ s&p,  
blk, sl frm - sft, v f-f gr, sb rnd,  
mod-w srt, cly cmt, non calc

MD: 5,198 '  
TVD: 5,193.45 '  
Inclination: 0.9 °  
Azimuth: 157.4 °  
VS: 72.87 '

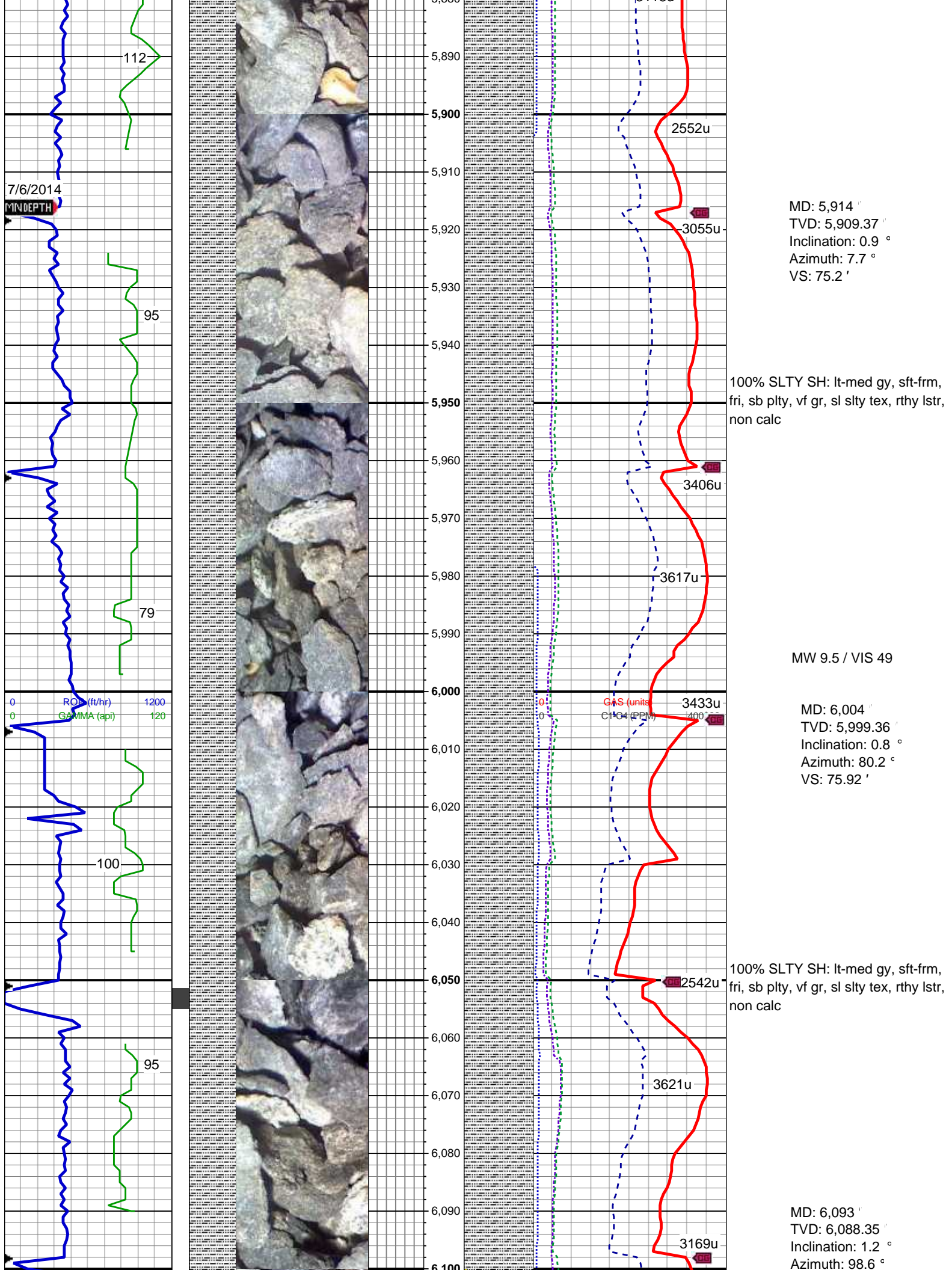


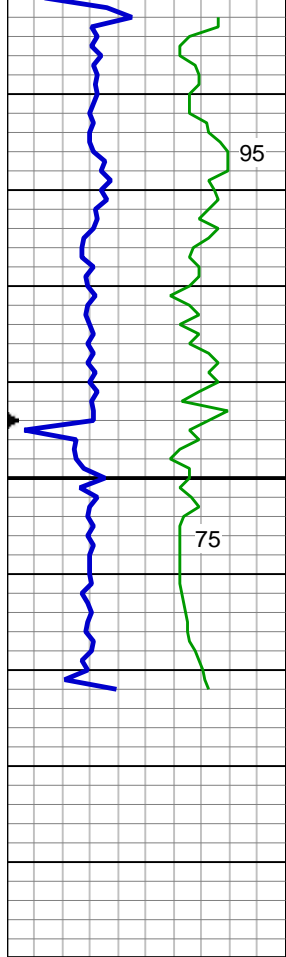




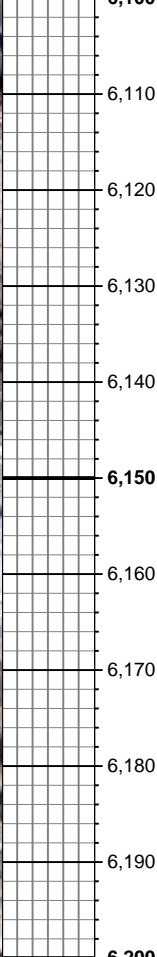




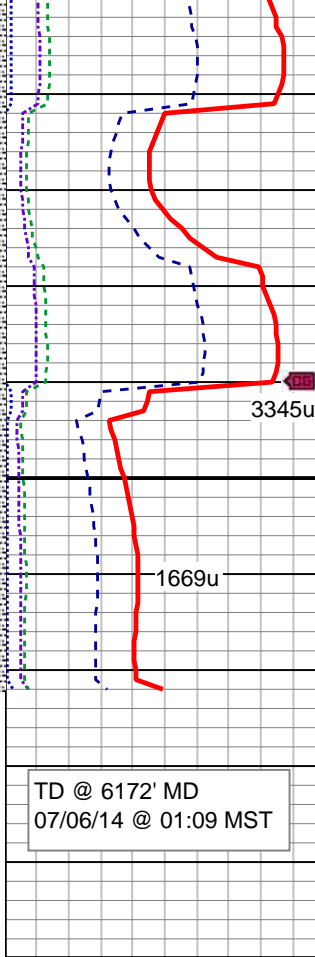




6,110  
6,120  
6,130  
6,140  
6,150  
6,160  
6,170  
6,180  
6,190  
6,200



6,110  
6,120  
6,130  
6,140  
6,150  
6,160  
6,170  
6,180  
6,190  
6,200



VS: 77.45 ' MD: 6,138 ' TVD: 6,133.33 ' Inclination: 1.3 ° Azimuth: 104.9 ° VS: 78.41 ' 95% SLTY SH: lt-med gy, sft frm, fri, sb plty, vf gr, sl slty tex, rthy lstr, non calc; 5% SHY SS: lt gy-wh, occ s&p, blk, sl frm - sft, v f-f gr, sb rnd, mod-w srt, cly cmt, non calc Log Continues on Eagle E14-62-1HN\_Horizontal Thank you for using Columbine Logging, Inc.

TD @ 6172' MD  
07/06/14 @ 01:09 MST