

OPERATOR: **Bill Barrett Corp**

WELL NAME: **AEF 4-62-16-0560BH**

FIELD NAME: Wattenberg

DRILLING RIG: Nabors M37

API #: 05-123-39130

SCALE: 5"=100'

SURFACE HOLE: 250 FNL, 1137 FEL

BOTTOM HOLE: 500 FSL, 2460 FEL

LOCATION: NENE Sec 16, T4N, R62W



Earth Science Agency, LLC

COUNTY: Weld

STATE: Colorado

GROUND ELEVATION: 4523'

KELLY BUSHING: 4546'

DRILLING FLUID: LSND

TVD VS. MD: 6152.08/10900'

SPUD DATE: September 22, 2014

FGS BEGIN LOGGING: 4000'; September 22, 2014

TD DATE: September 29, 2014

DATES LOGGED: September 22, 2014-September 29, 2014

DEPTHS LOGGED: 4000'-10900'

LOGGER: Blue Spikes

LEGEND



CHALK



LIMESTONE



SHALY LIMESTONE



MARLSTONE



CALCAREOUS SHALE



DOLOMITE



SHALE



SILTY SHALE



SHALY SILTSTONE



SHALY SANDSTONE



SANDSTONE



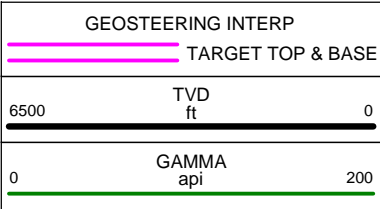
ANHYDRITE

FORMATION CONNECTION MIDNIGHT NEW BIT GAS SHOW

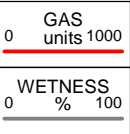
MEASURED DEPTH (FT)

PHOTOS

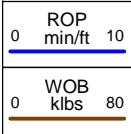
MUDLOGGER INTERP



OIL SHOWS
F < B



MUD VOL. 800 bbl

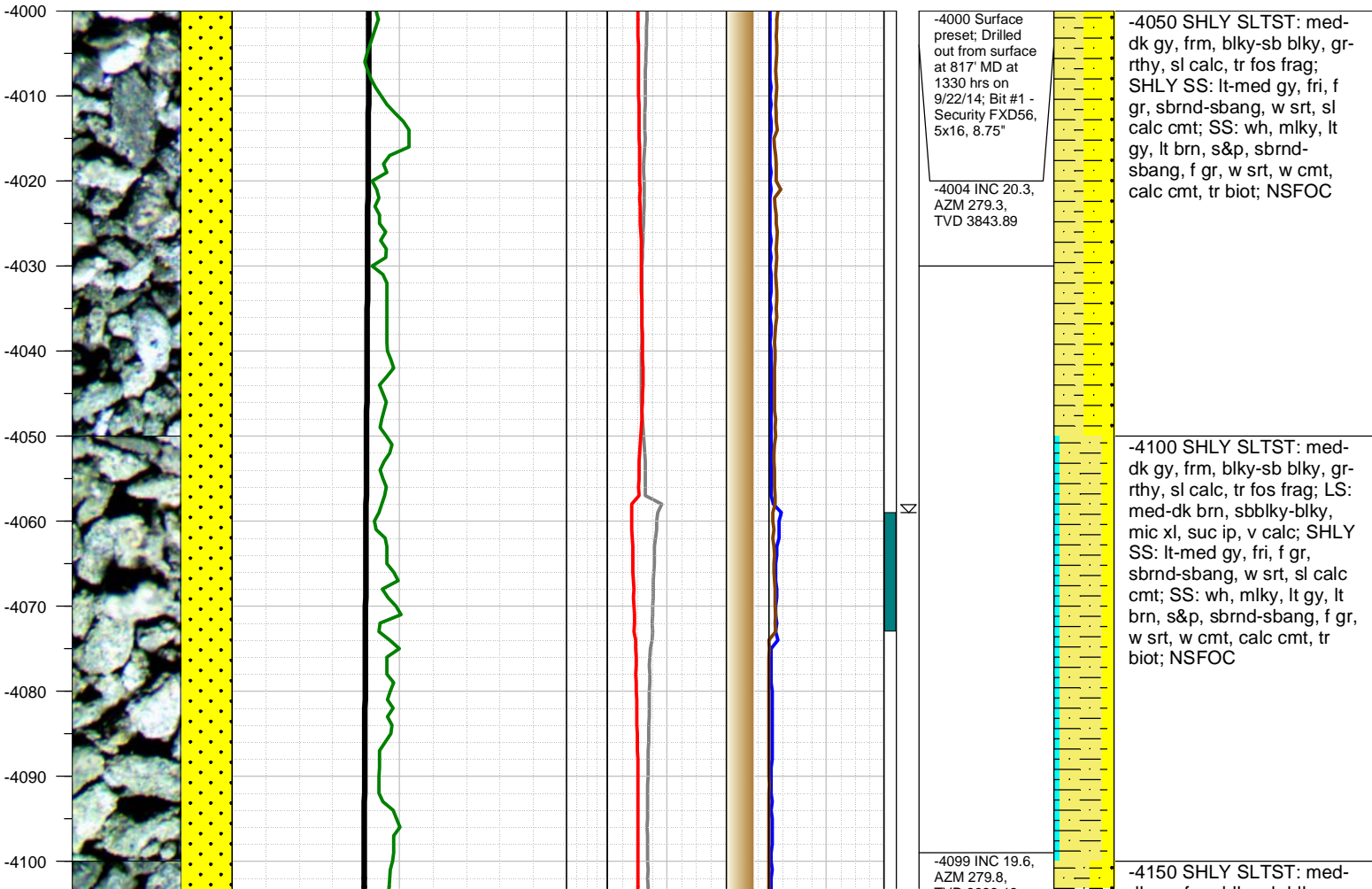


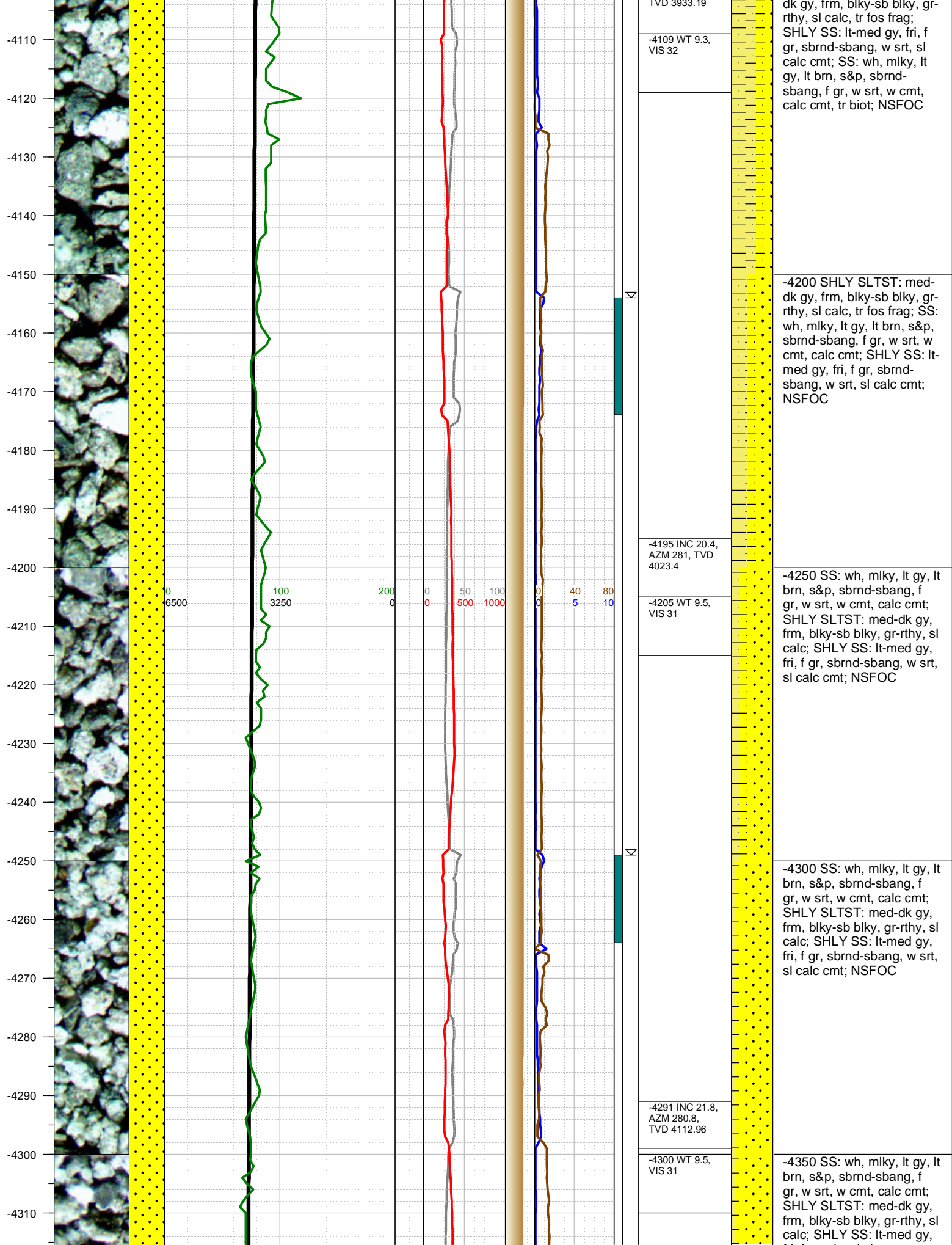
SLIDES
SYMBOLS

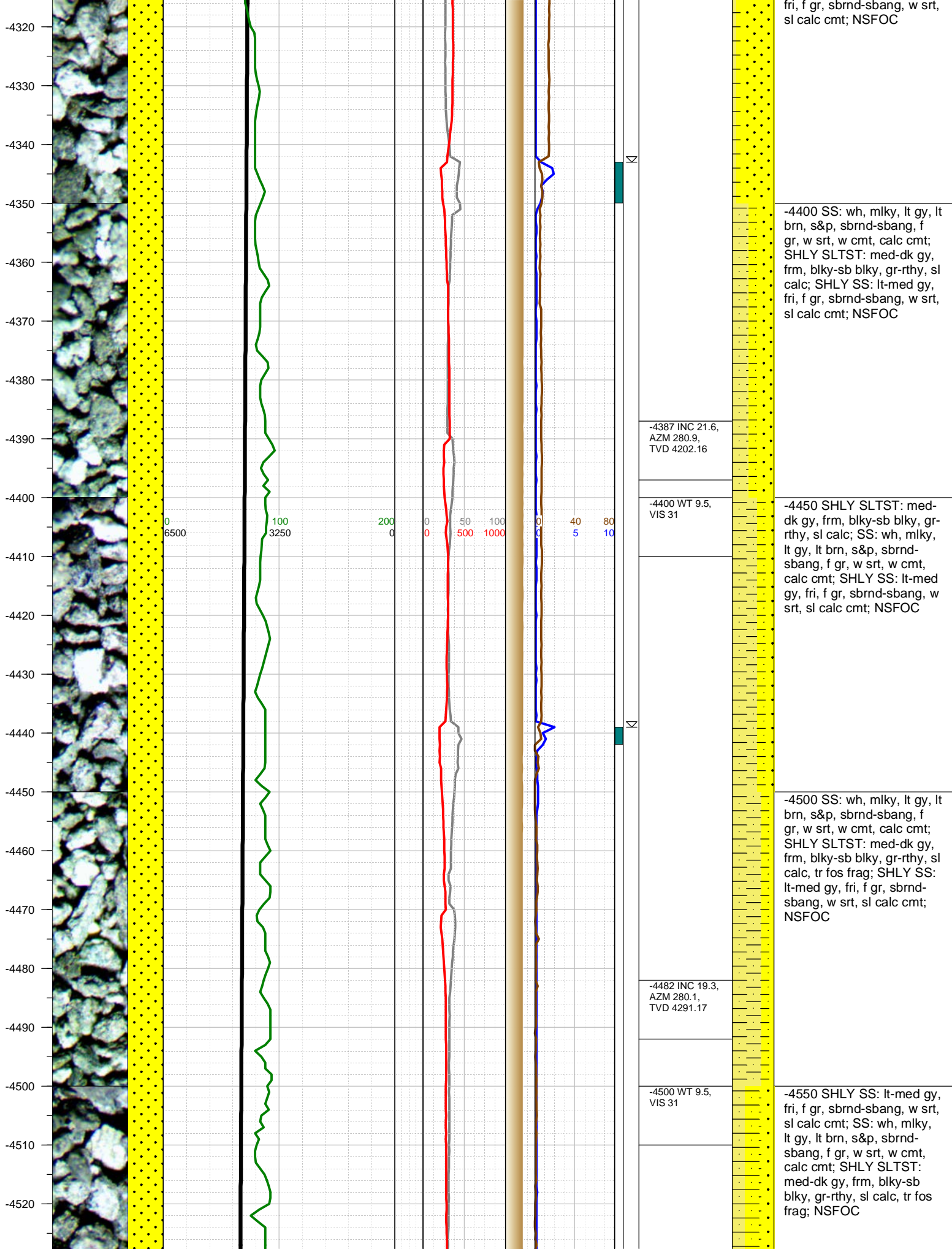
COMMENTS

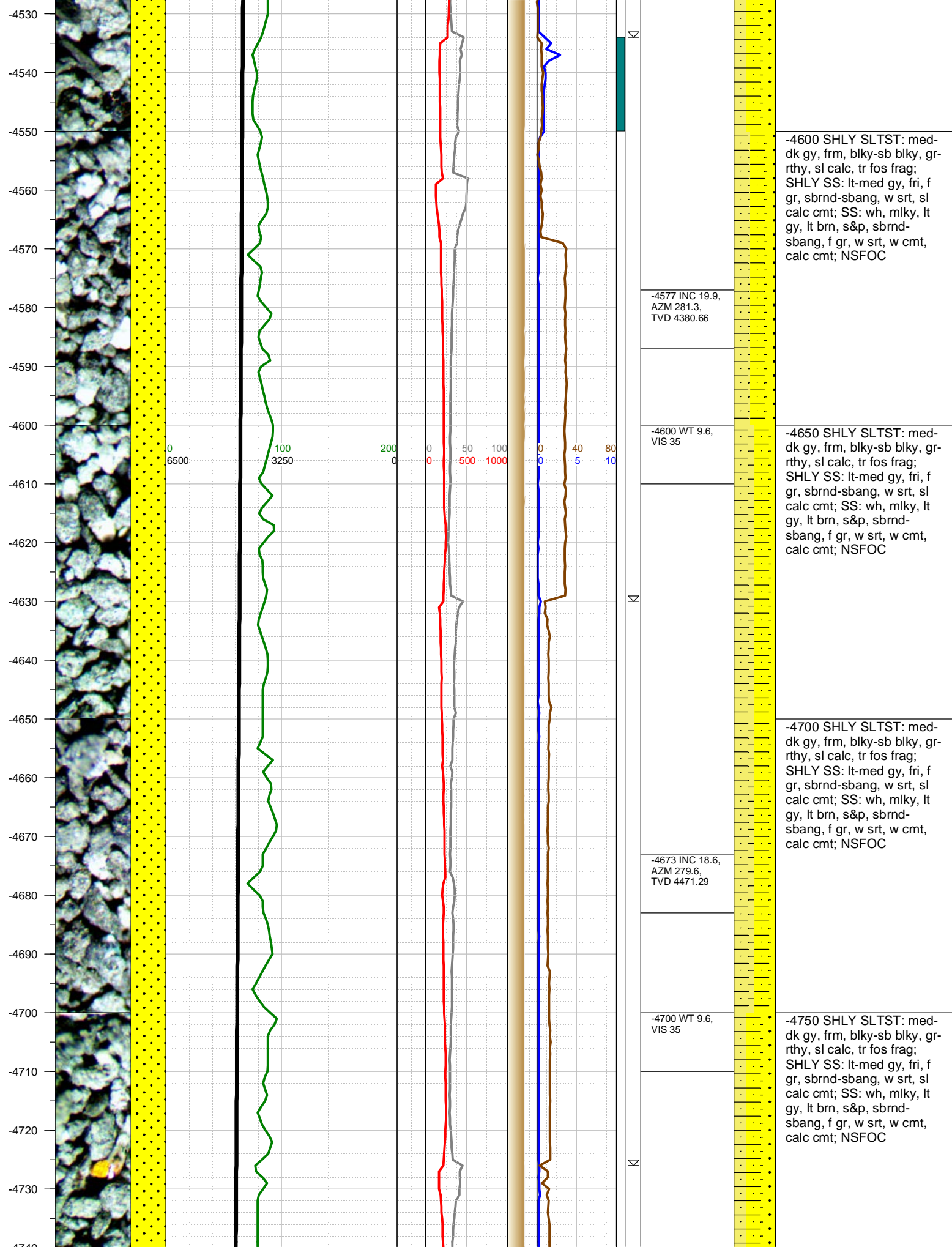
CUTTINGS %

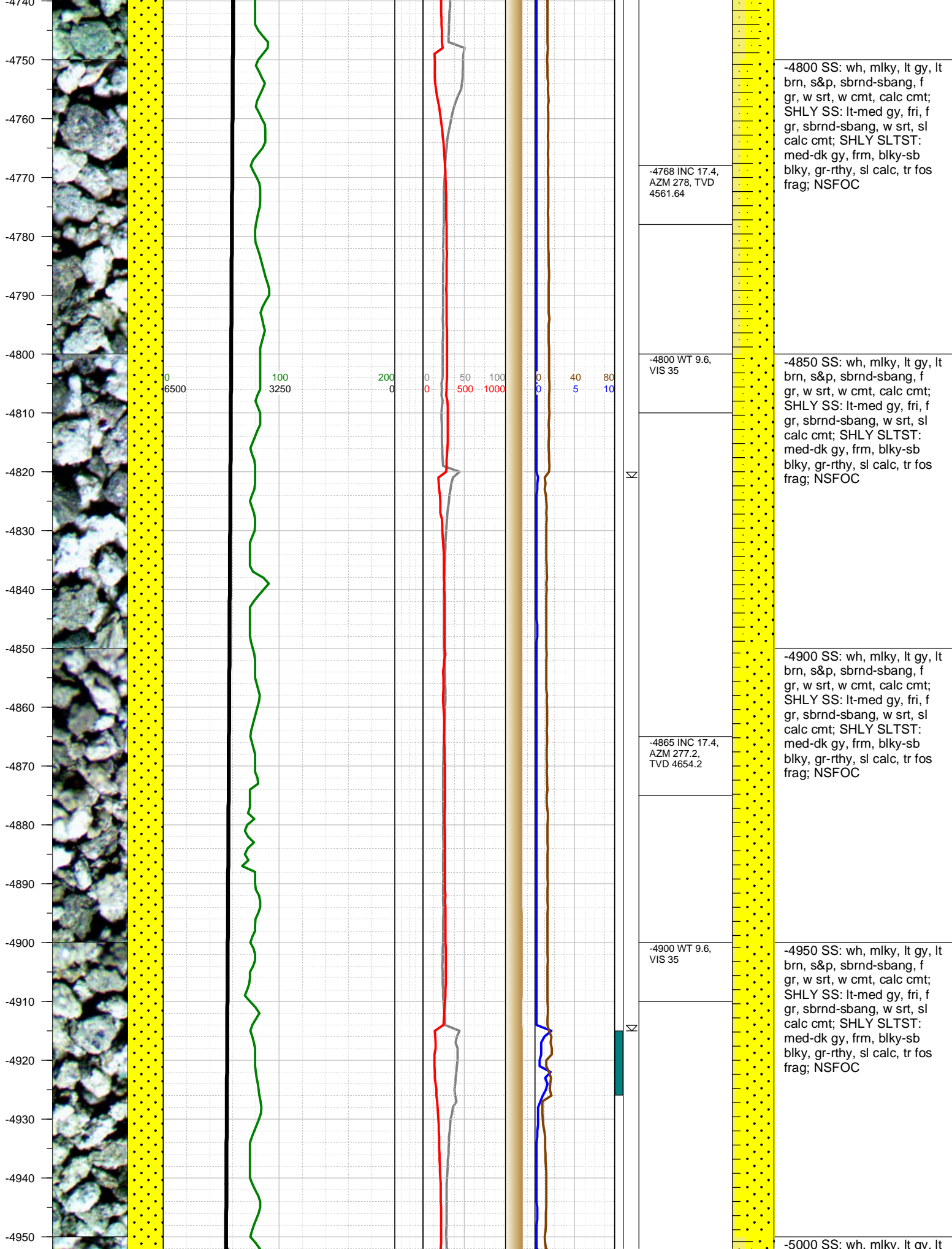
SAMPLE DESCRIPTION

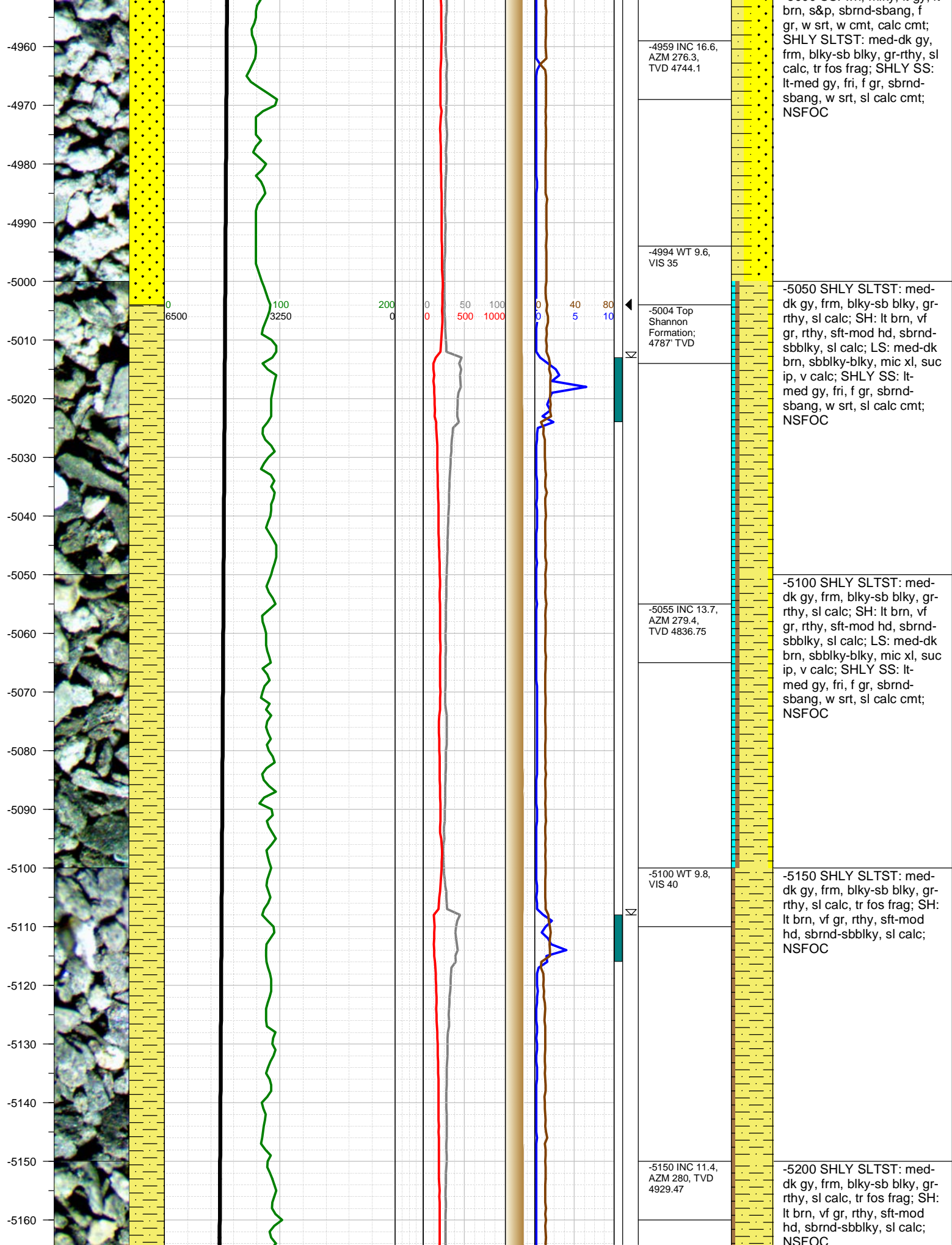


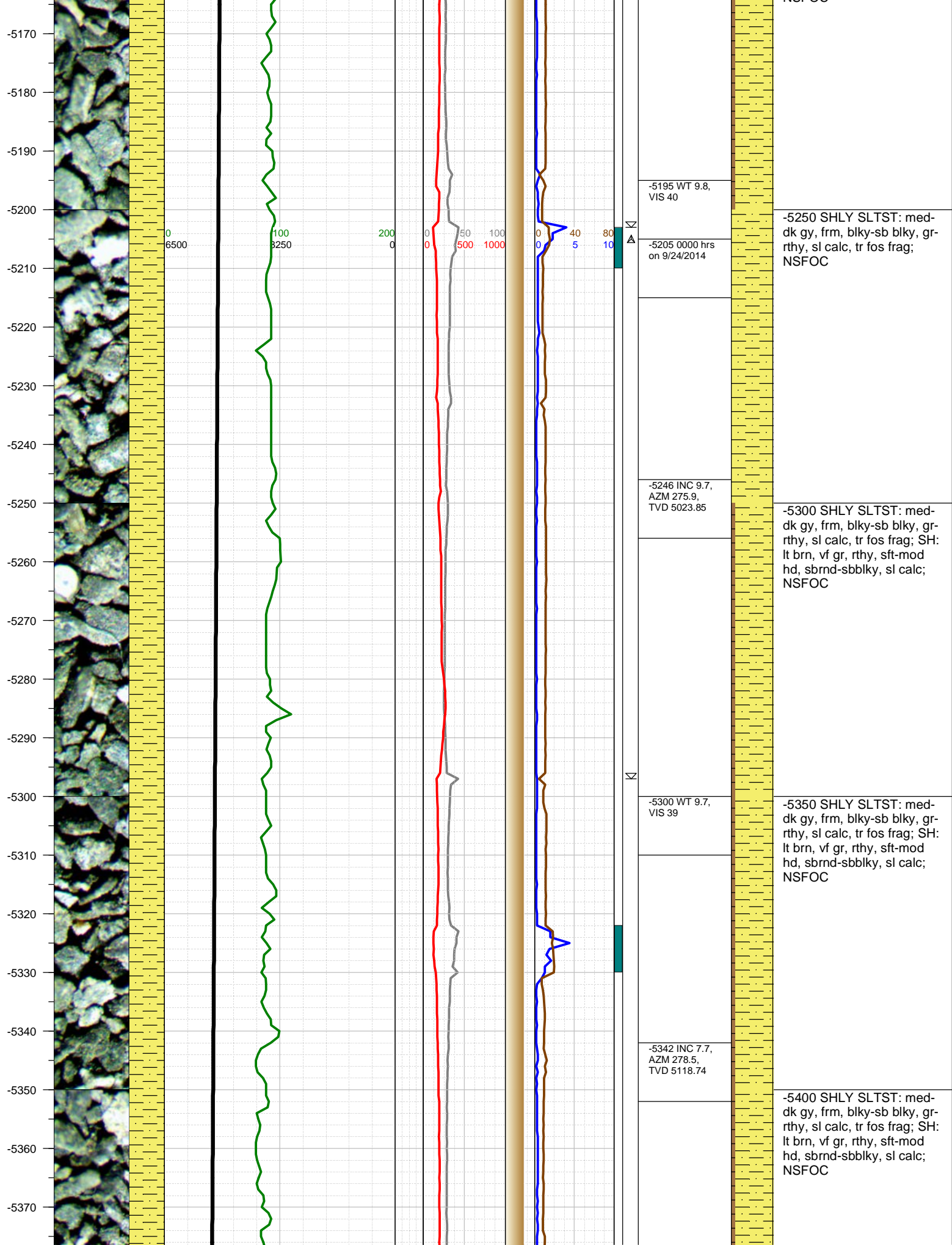


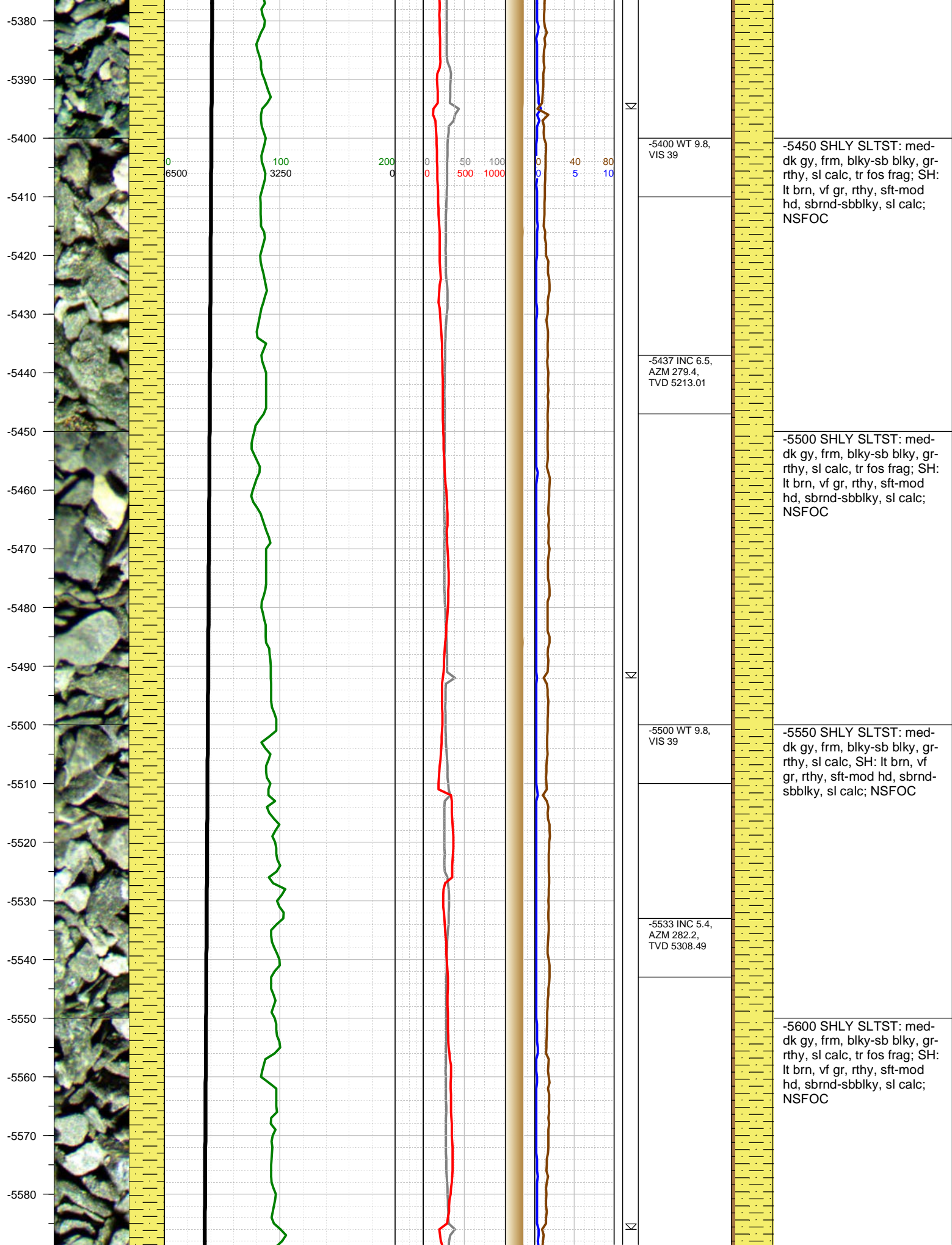


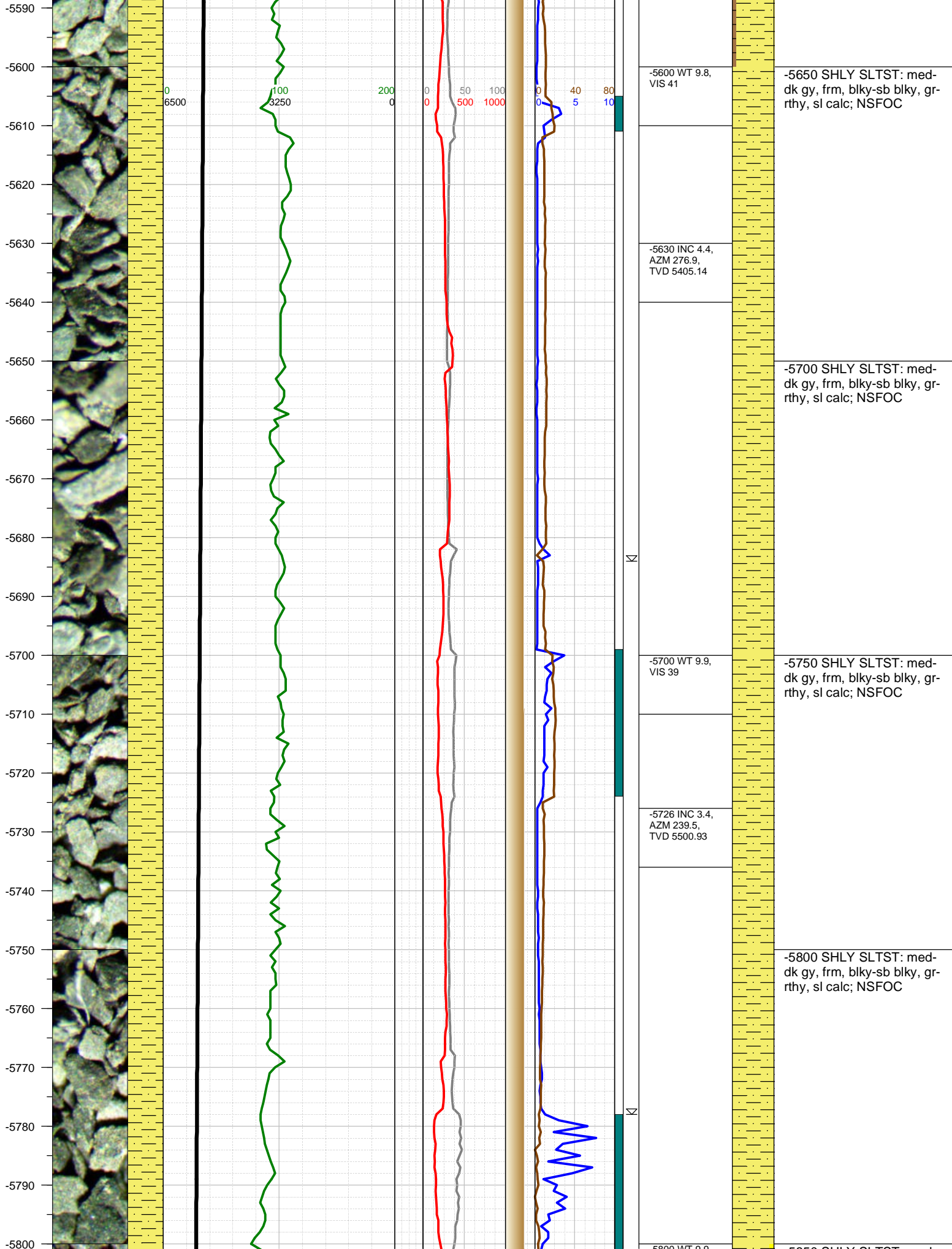


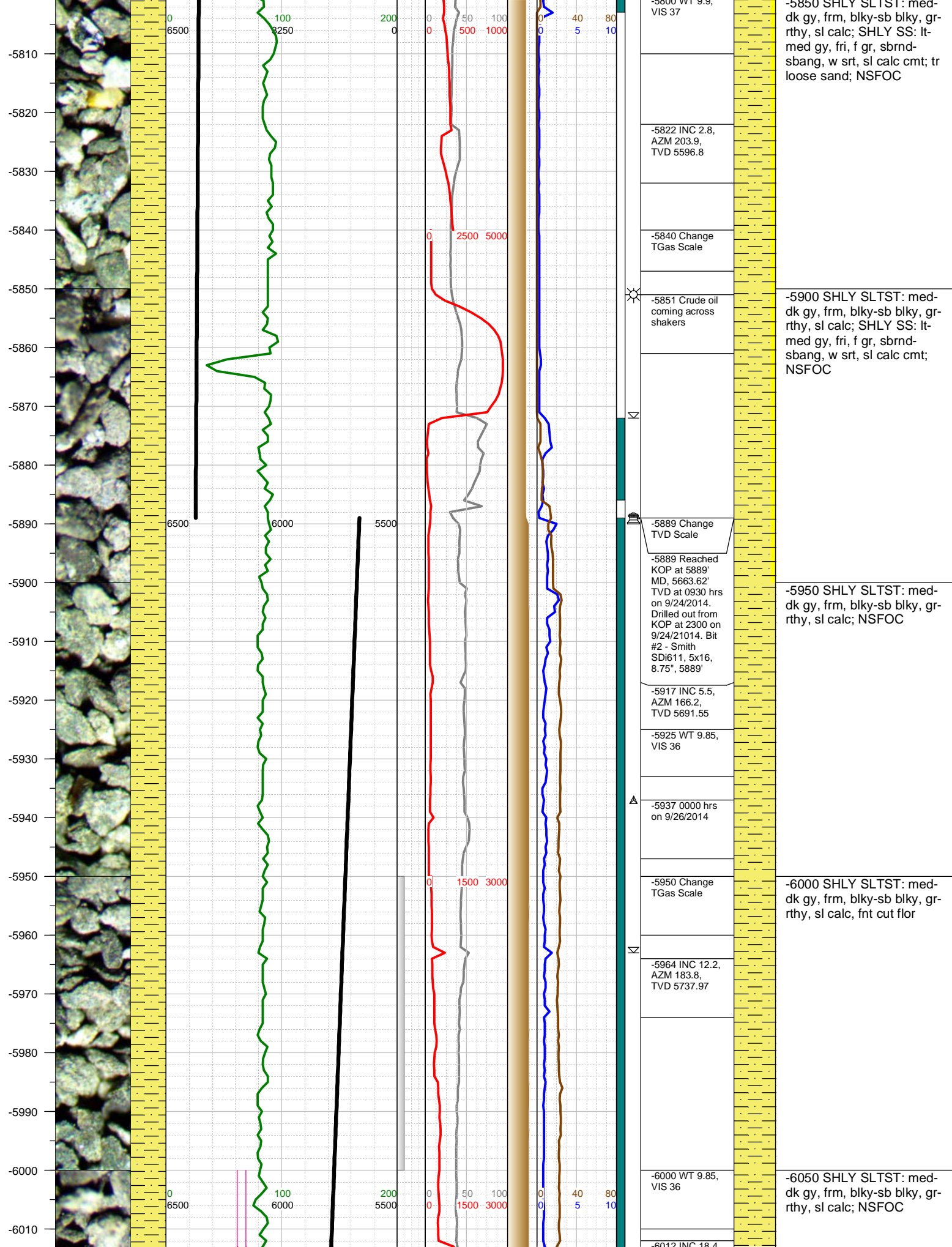


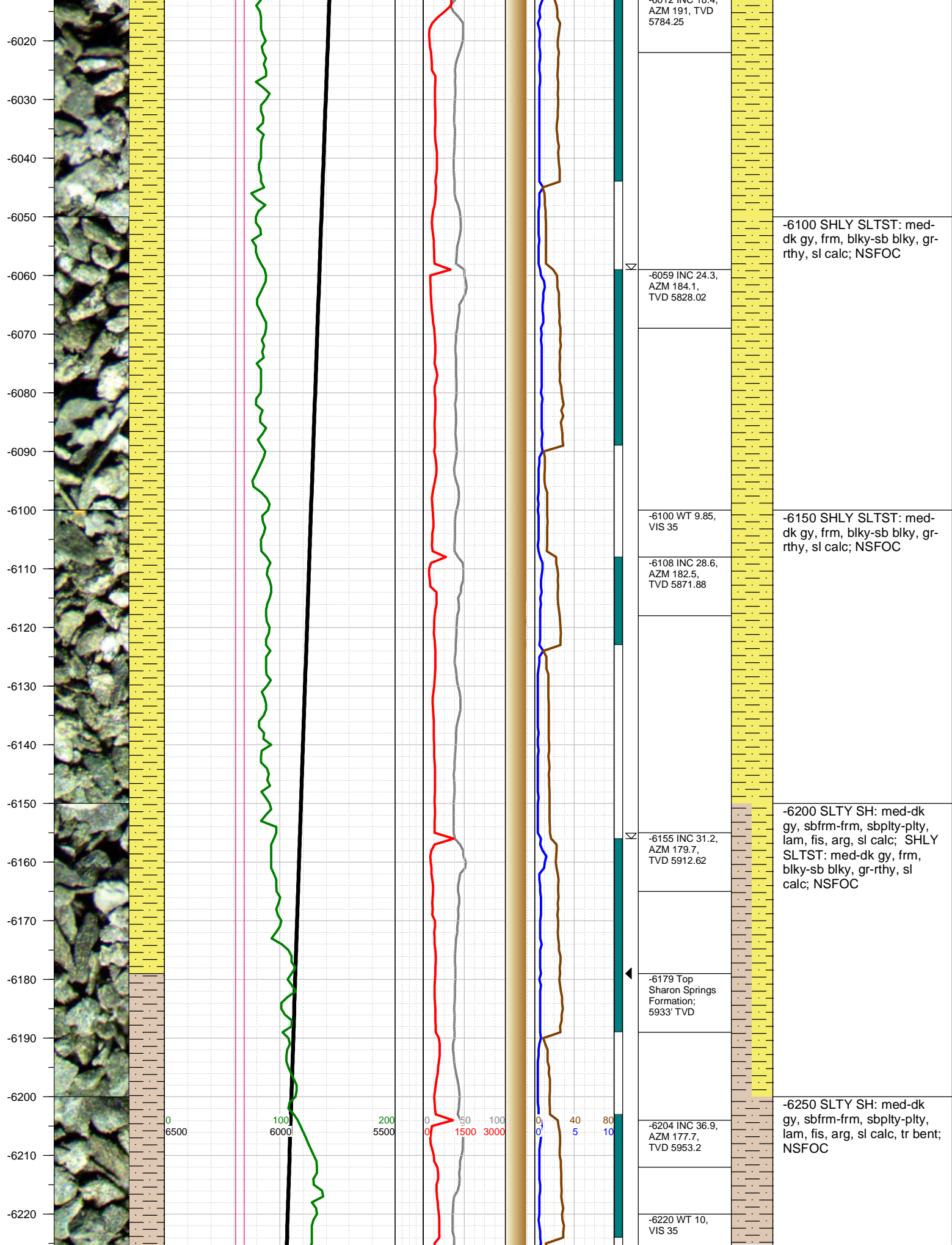


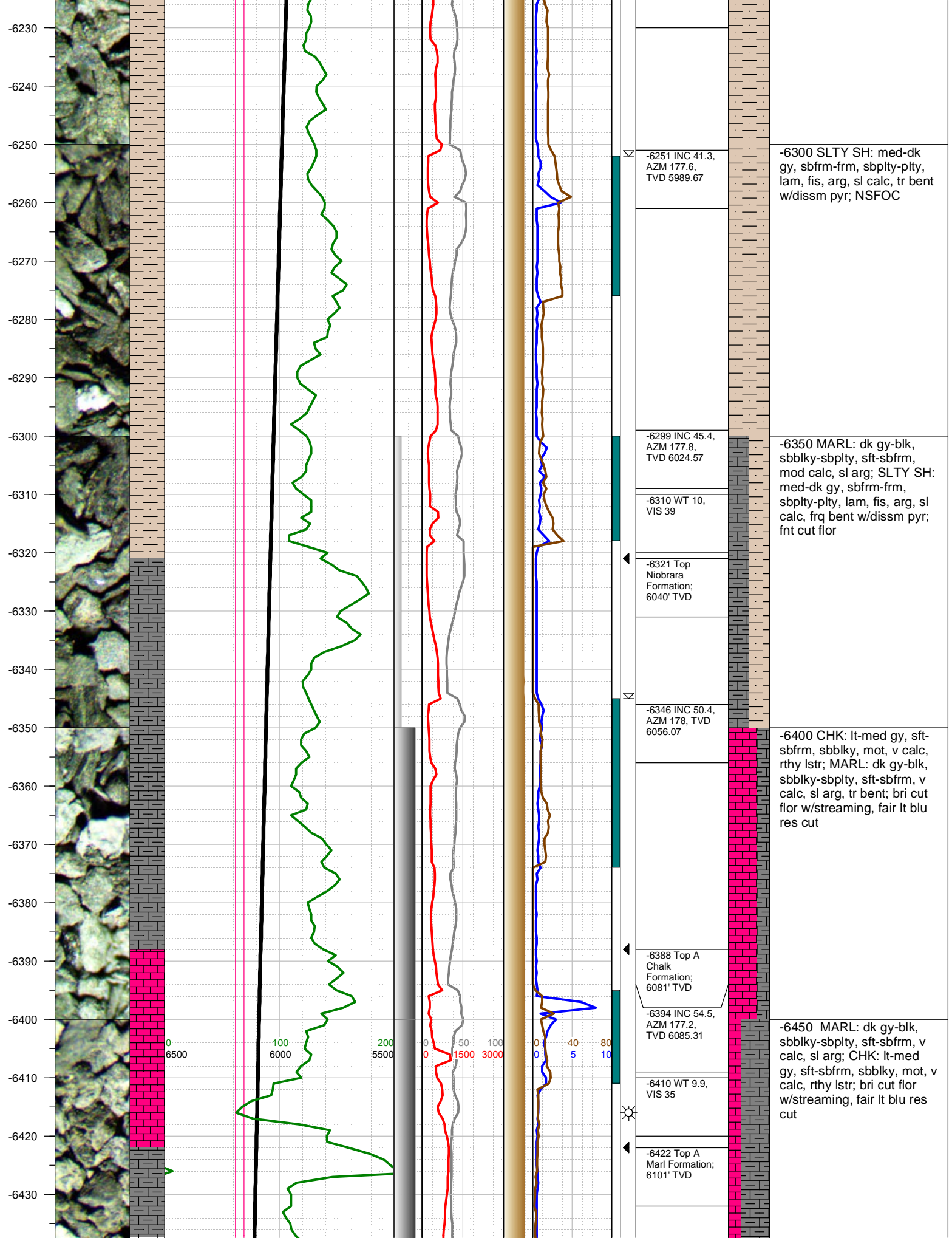


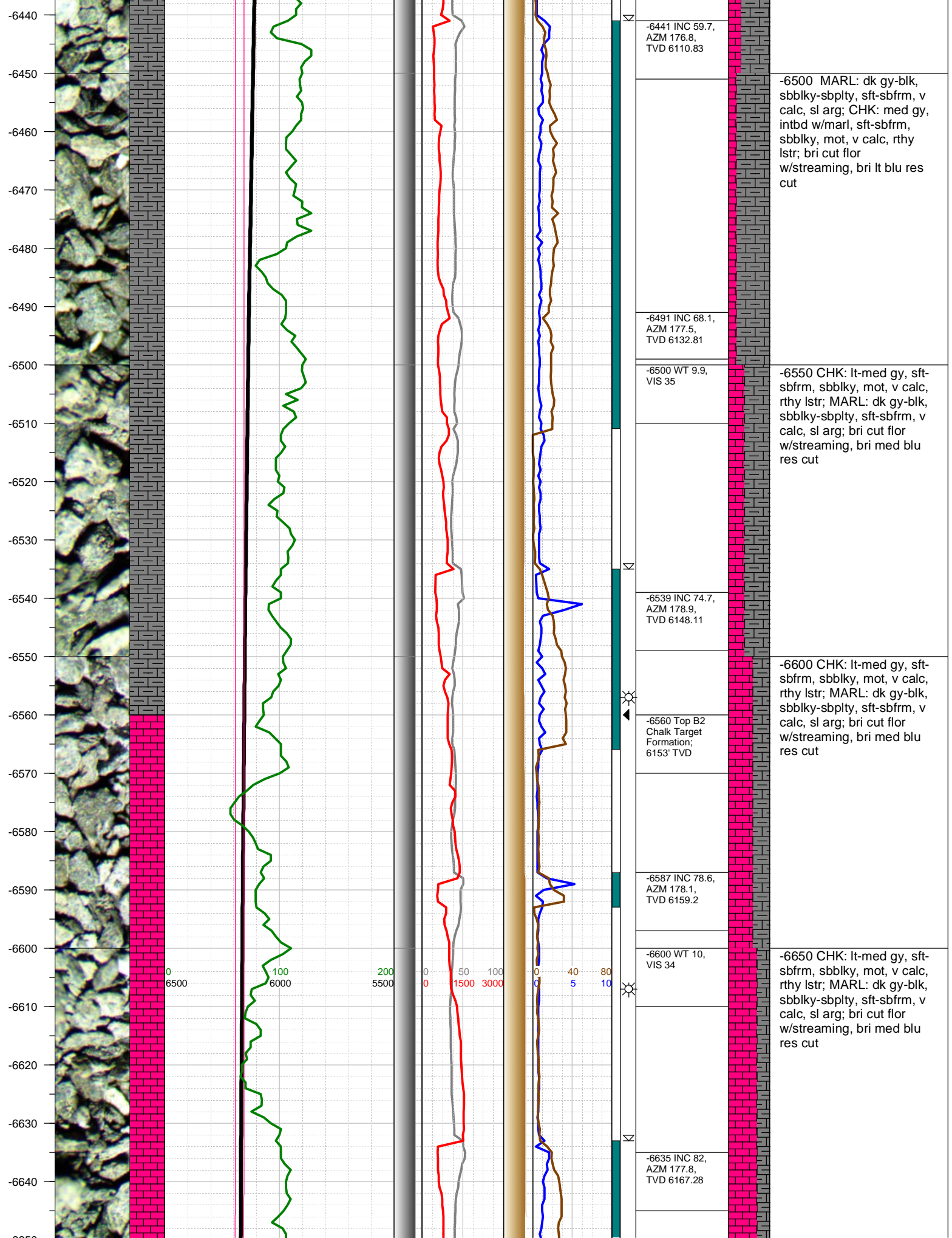


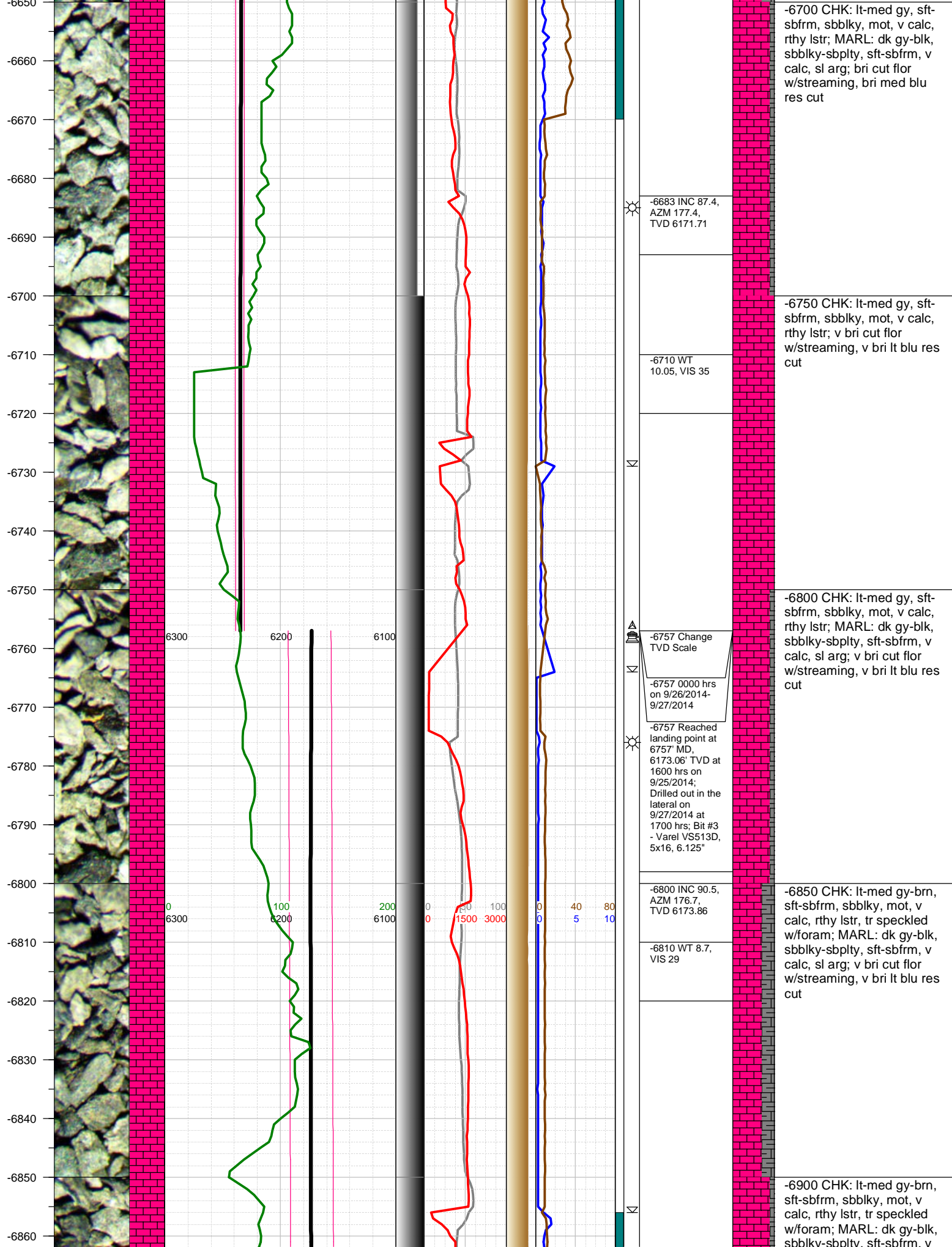


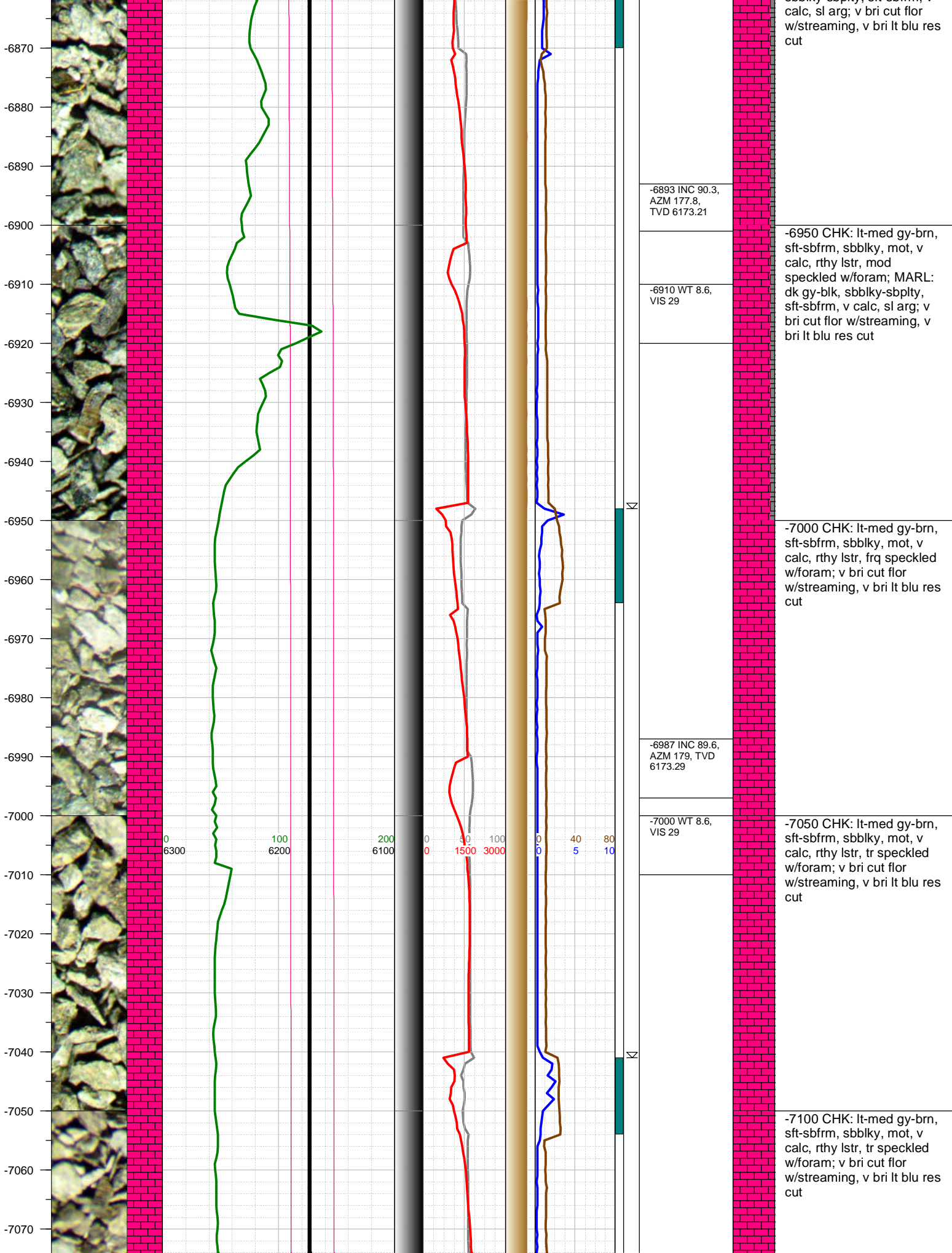


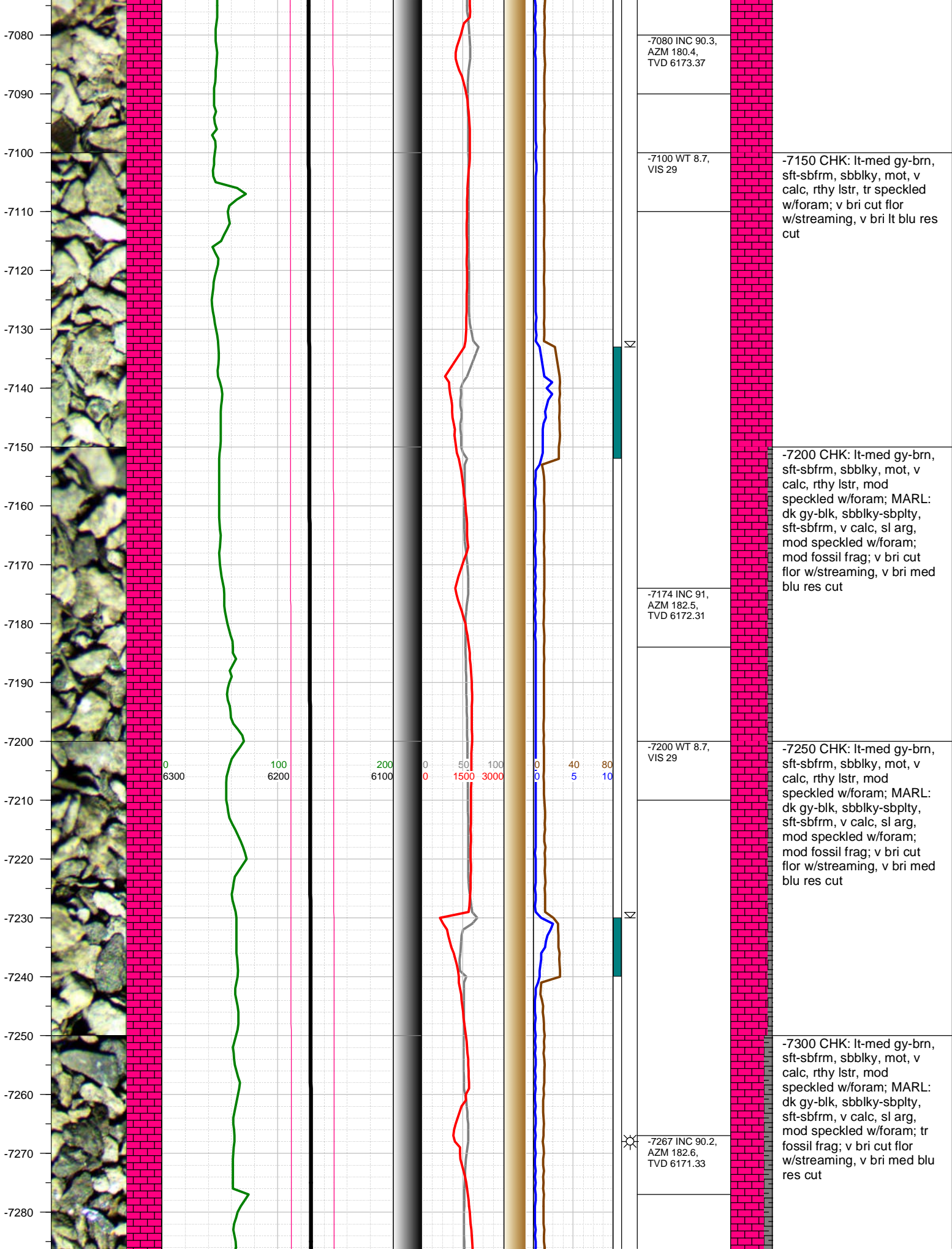


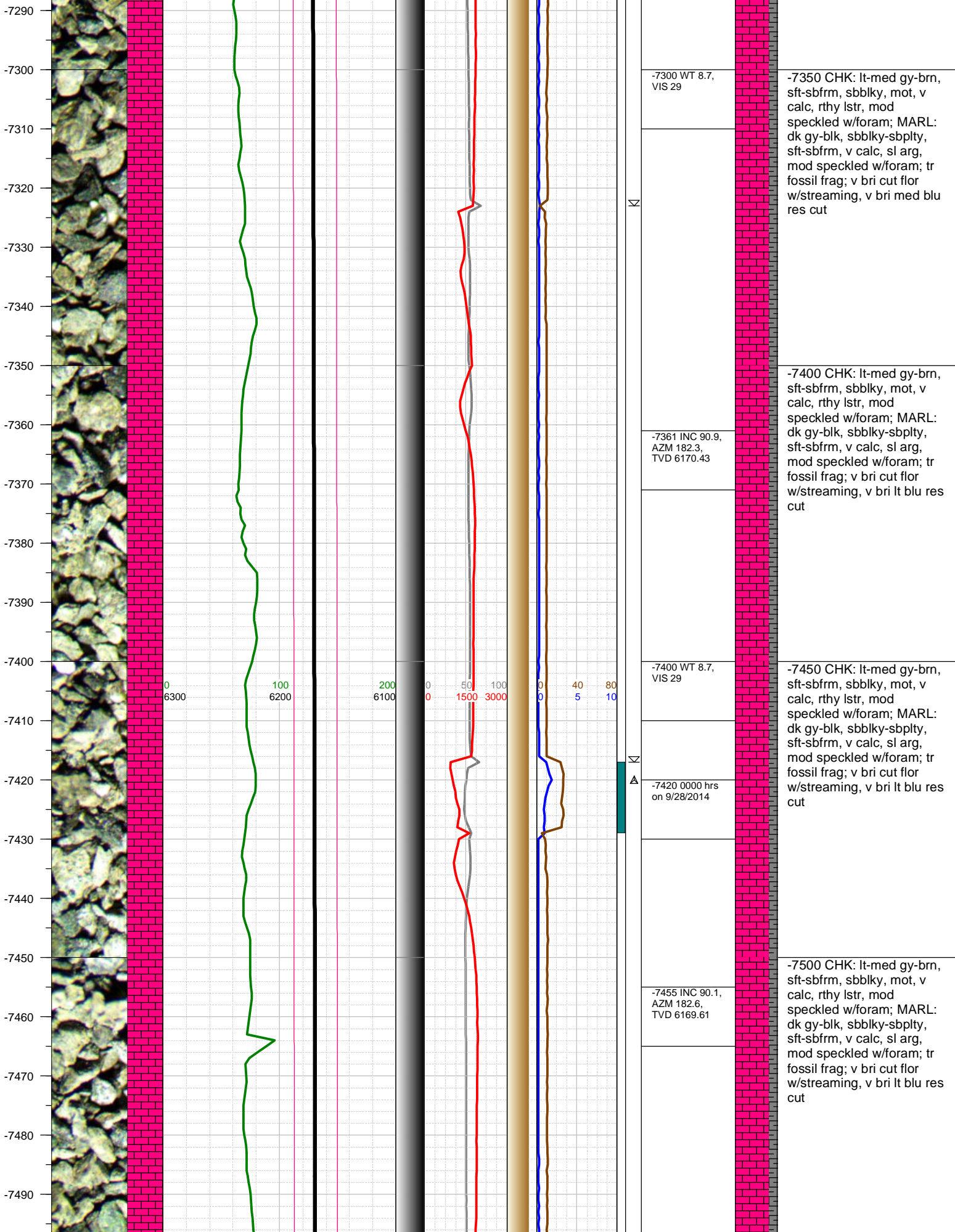


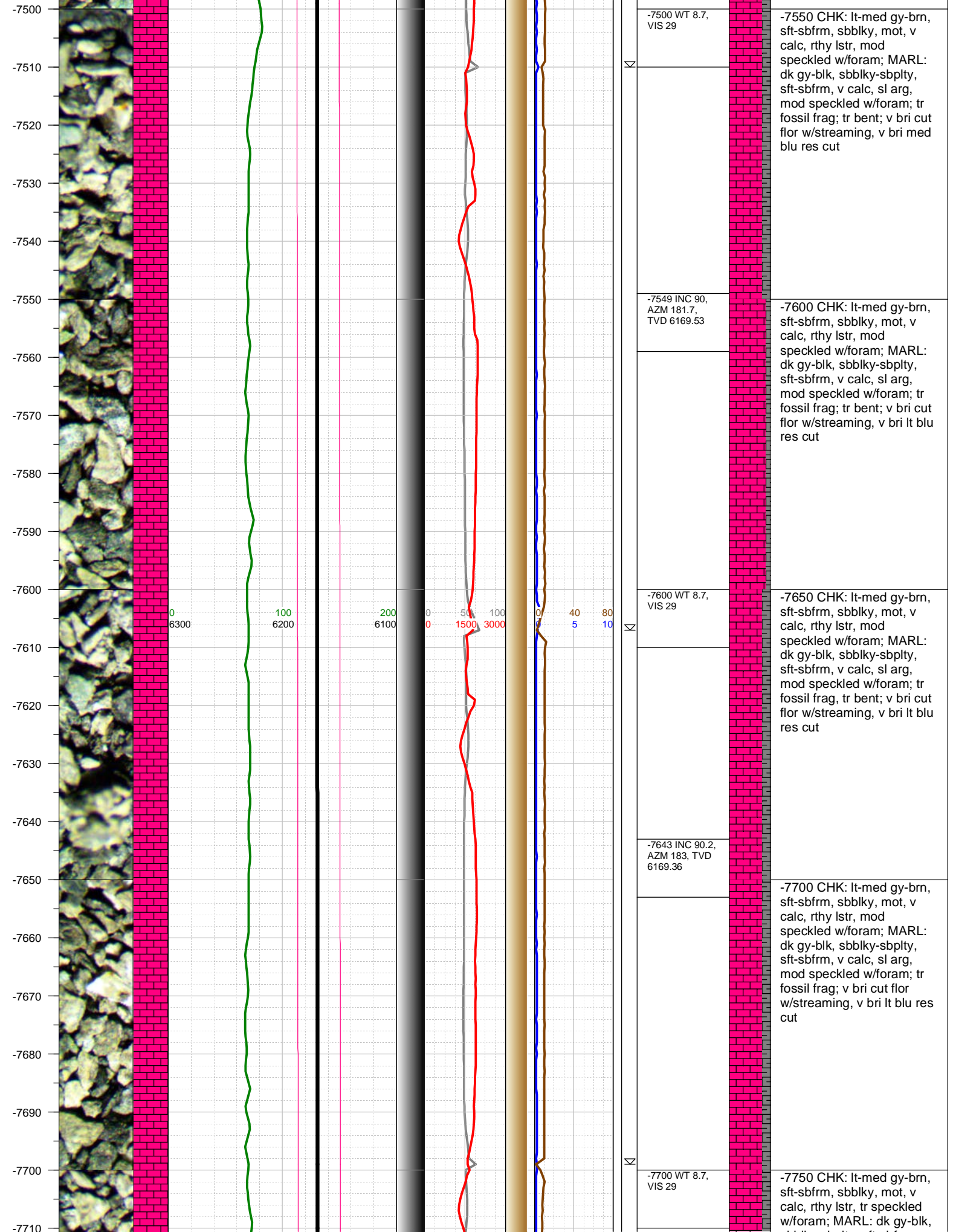












-7500 WT 8.7,
VIS 29

-7550 CHK: It-med gy-brn,
sft-sbfrm, sbblky, mot, v
calc, rthy lstr, mod
speckled w/foram; MARL:
dk gy-blk, sbblky-sbplty,
sft-sbfrm, v calc, sl arg,
mod speckled w/foram; tr
fossil frag; v bri cut
flor w/streaming, v bri med
blu res cut

-7549 INC 90,
AZM 181.7,
TVD 6169.53

-7600 CHK: It-med gy-brn,
sft-sbfrm, sbblky, mot, v
calc, rthy lstr, mod
speckled w/foram; MARL:
dk gy-blk, sbblky-sbplty,
sft-sbfrm, v calc, sl arg,
mod speckled w/foram; tr
fossil frag; tr bent; v bri cut
flor w/streaming, v bri lt blu
res cut

-7600 WT 8.7,
VIS 29

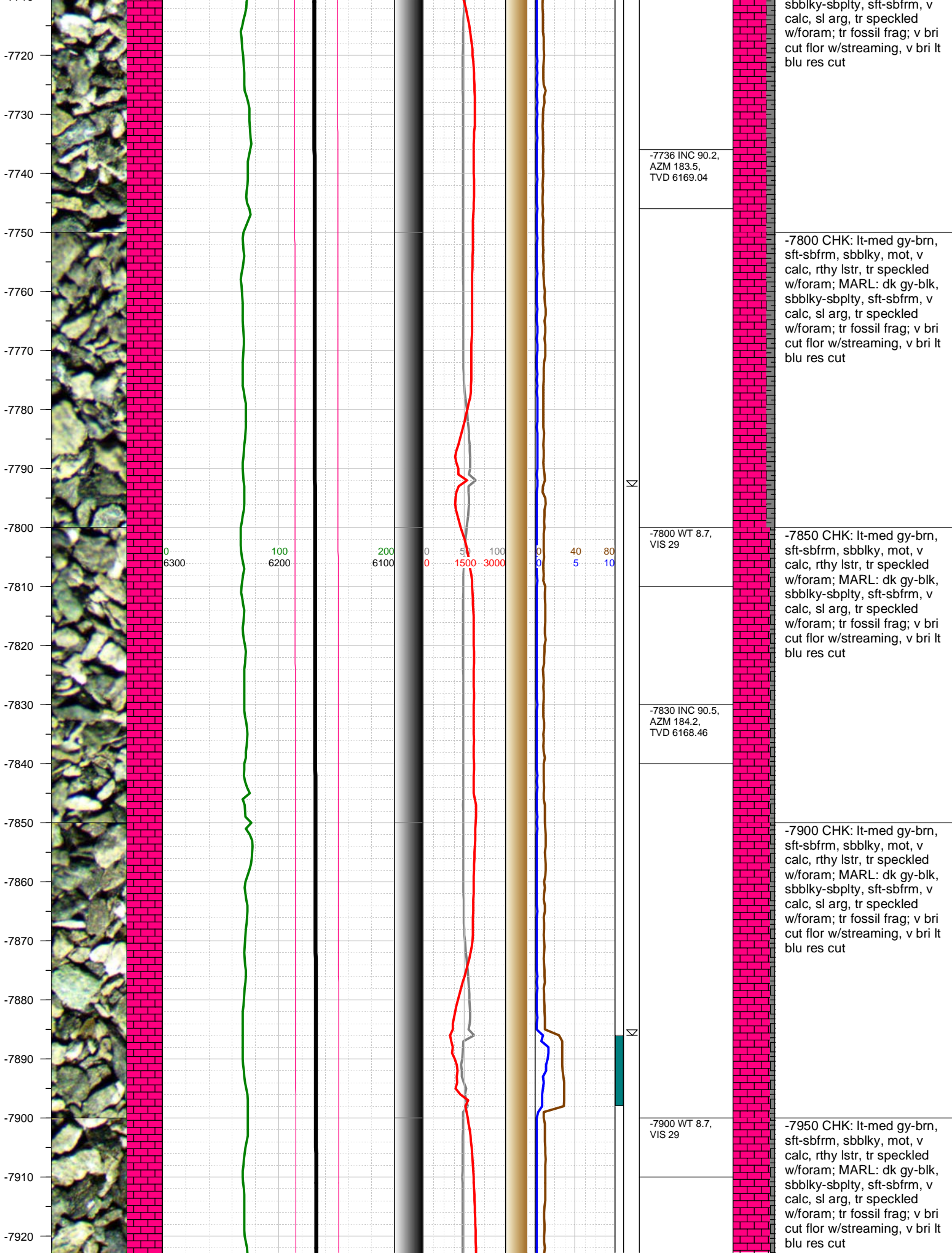
-7650 CHK: It-med gy-brn,
sft-sbfrm, sbblky, mot, v
calc, rthy lstr, mod
speckled w/foram; MARL:
dk gy-blk, sbblky-sbplty,
sft-sbfrm, v calc, sl arg,
mod speckled w/foram; tr
fossil frag, tr bent; v bri cut
flor w/streaming, v bri lt blu
res cut

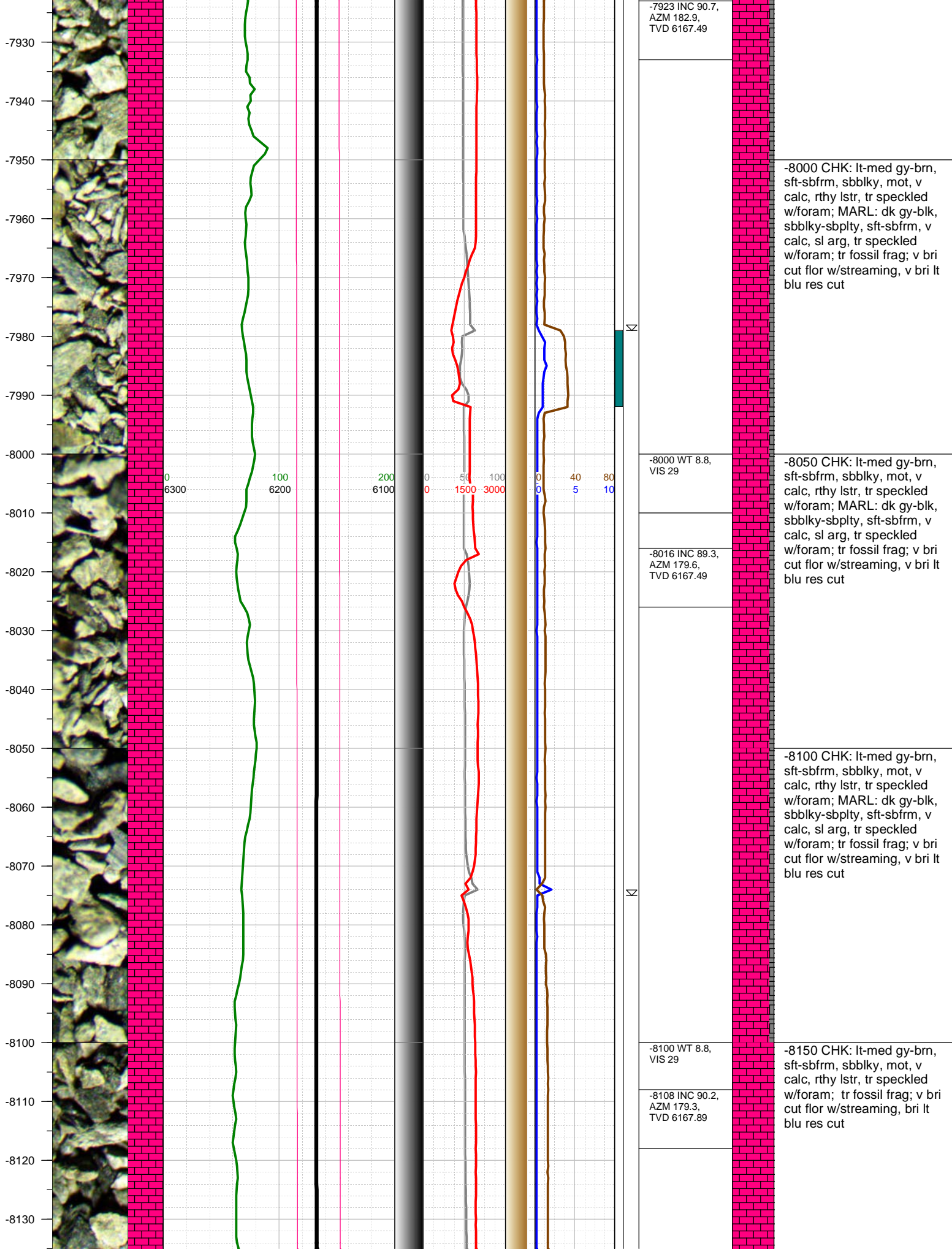
-7643 INC 90.2,
AZM 183, TVD
6169.36

-7700 CHK: It-med gy-brn,
sft-sbfrm, sbblky, mot, v
calc, rthy lstr, mod
speckled w/foram; MARL:
dk gy-blk, sbblky-sbplty,
sft-sbfrm, v calc, sl arg,
mod speckled w/foram; tr
fossil frag; v bri cut flor
w/streaming, v bri lt blu res
cut

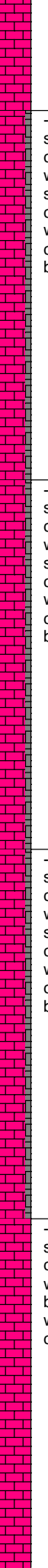
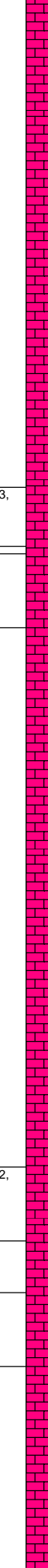
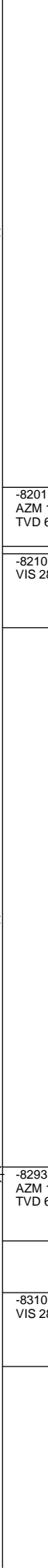
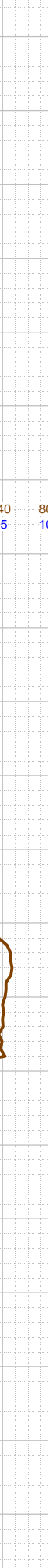
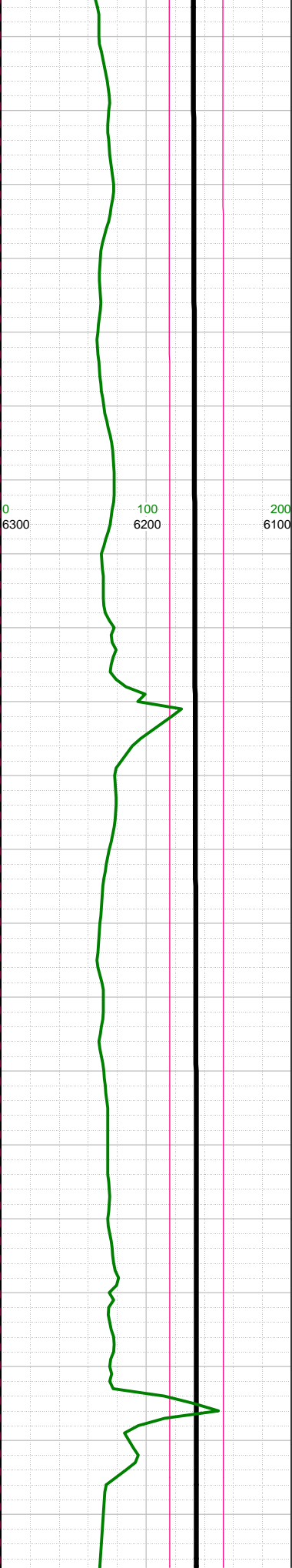
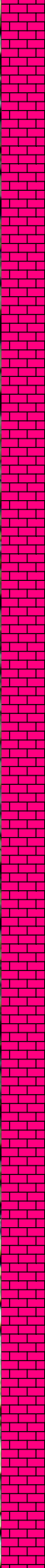
-7700 WT 8.7,
VIS 29

-7750 CHK: It-med gy-brn,
sft-sbfrm, sbblky, mot, v
calc, rthy lstr, tr speckled
w/foram; MARL: dk gy-blk,





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-8201 INC 91.3,
AZM 179.1,
TVD 6166.67

-8210 WT 8.9,
VIS 28

-8293 INC 90.2,
AZM 178.7,
TVD 6165.47

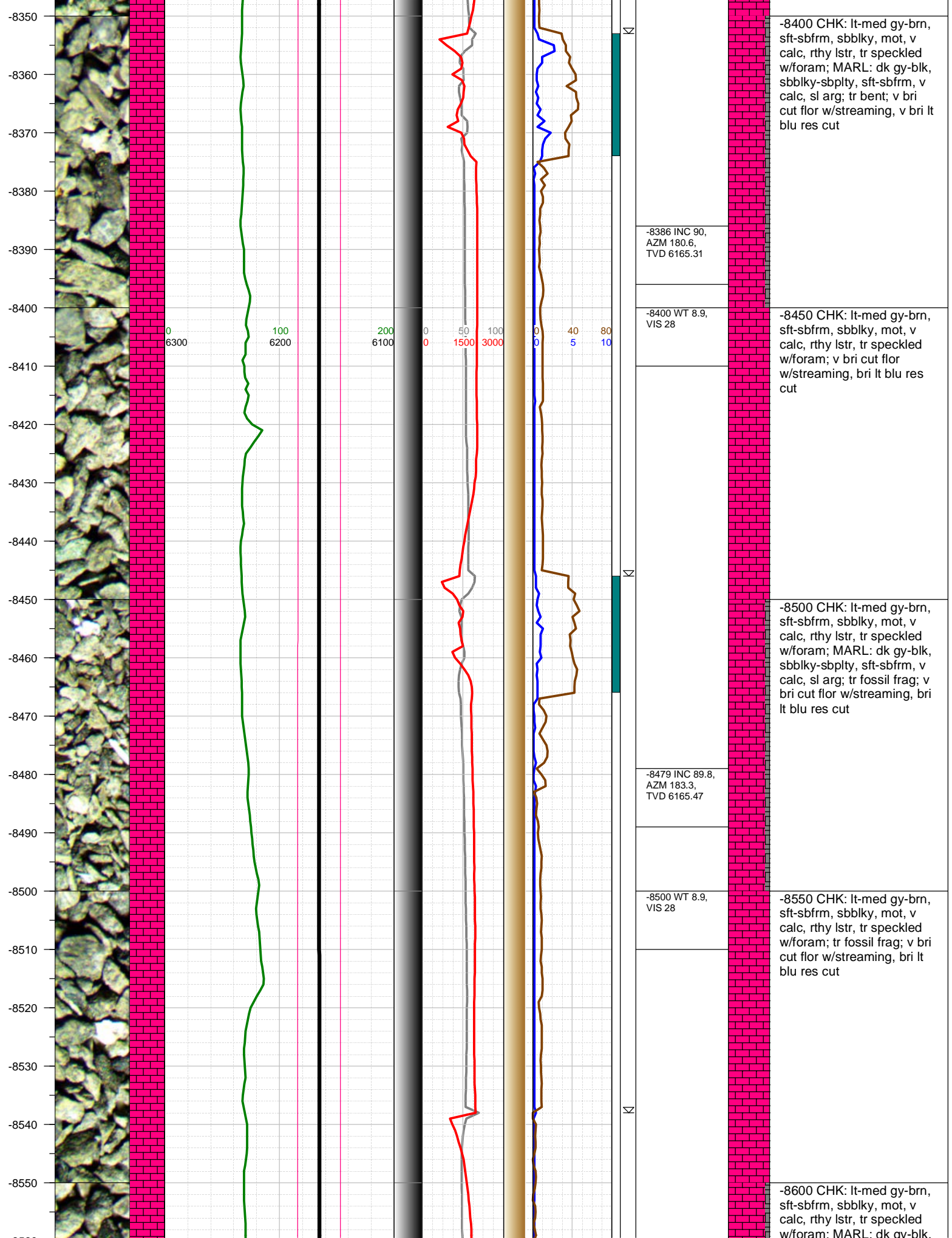
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VIS 28

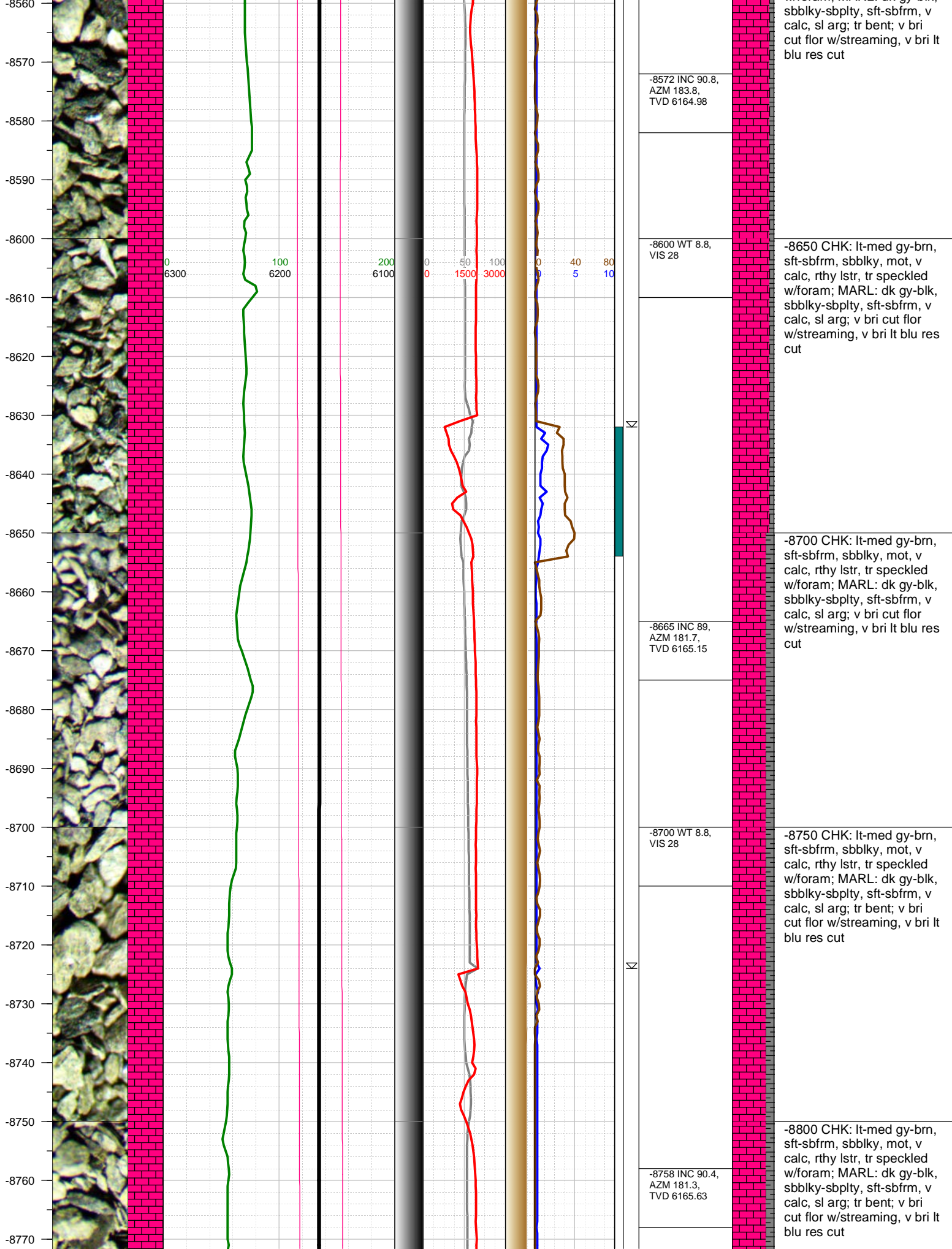
-8200 CHK: lt-med gy-brn,
sft-sbfrm, sbbkly, mot, v
calc, rthy lstr, tr speckled
w/foram; MARL: dk gy-blk,
sbbkly-sbplty, sft-sbfrm, v
calc, sl arg, tr speckled
w/foram; tr fossil frag; bri
cut flor w/streaming, v bri lt
blu res cut

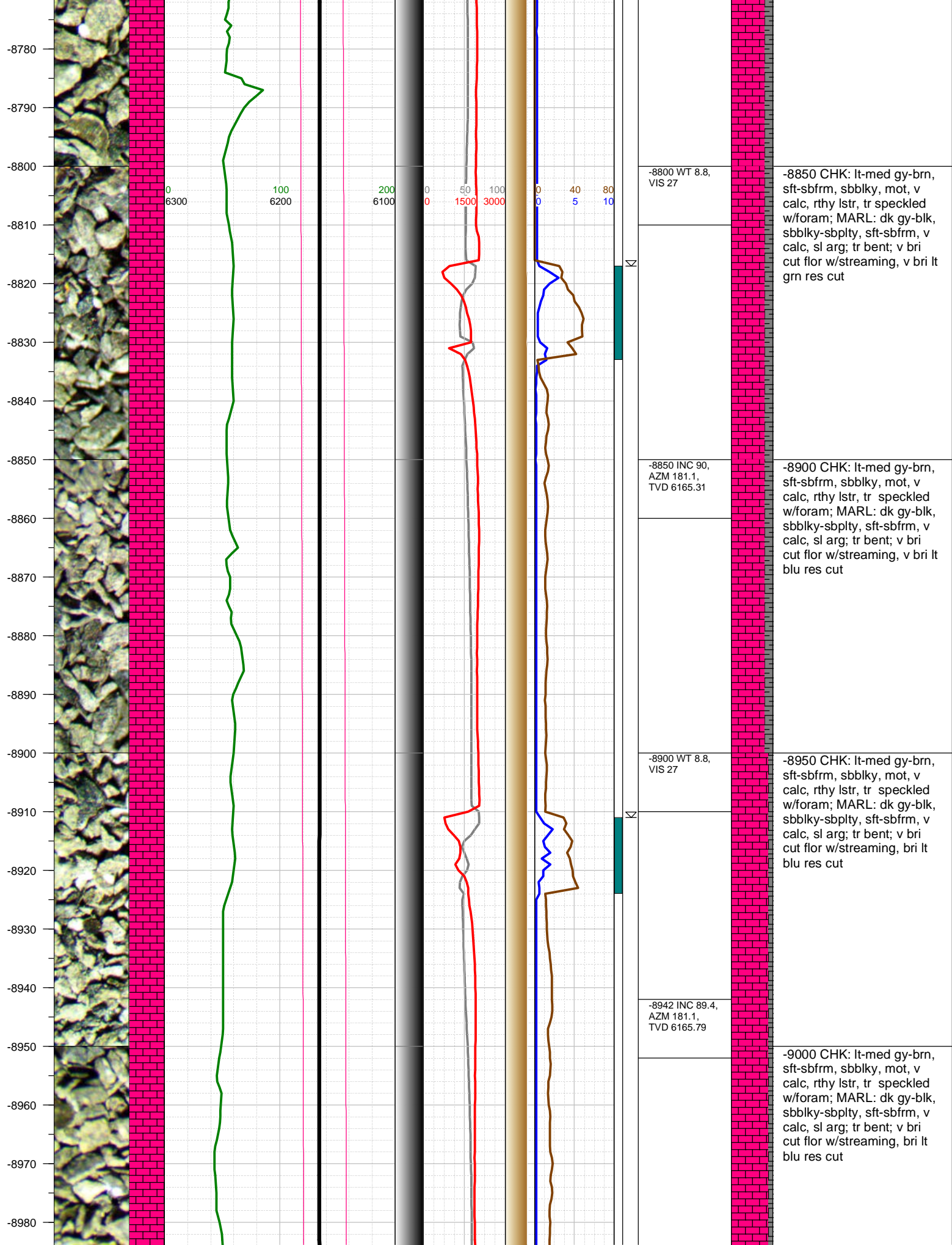
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sft-sbfrm, sbbkly, mot, v
calc, rthy lstr, tr speckled
w/foram; MARL: dk gy-blk,
sbbkly-sbplty, sft-sbfrm, v
calc, sl arg, tr speckled
w/foram; tr fossil frag; v bri
cut flor w/streaming, v bri lt
blu res cut

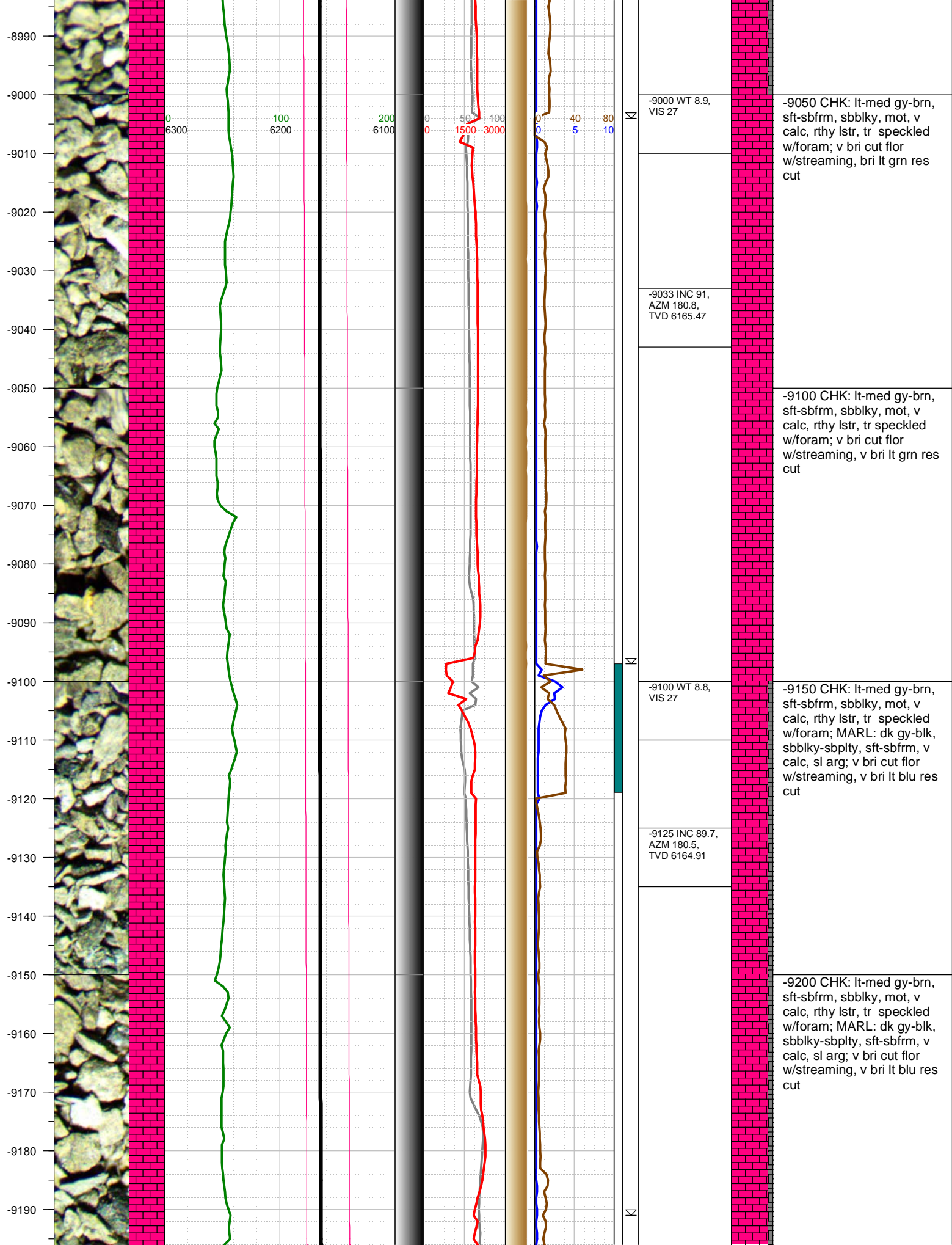
-8300 CHK: lt-med gy-brn,
sft-sbfrm, sbbkly, mot, v
calc, rthy lstr, tr speckled
w/foram; MARL: dk gy-blk,
sbbkly-sbplty, sft-sbfrm, v
calc, sl arg, tr speckled
w/foram; tr fossil frag; v bri
cut flor w/streaming, v bri lt
blu res cut

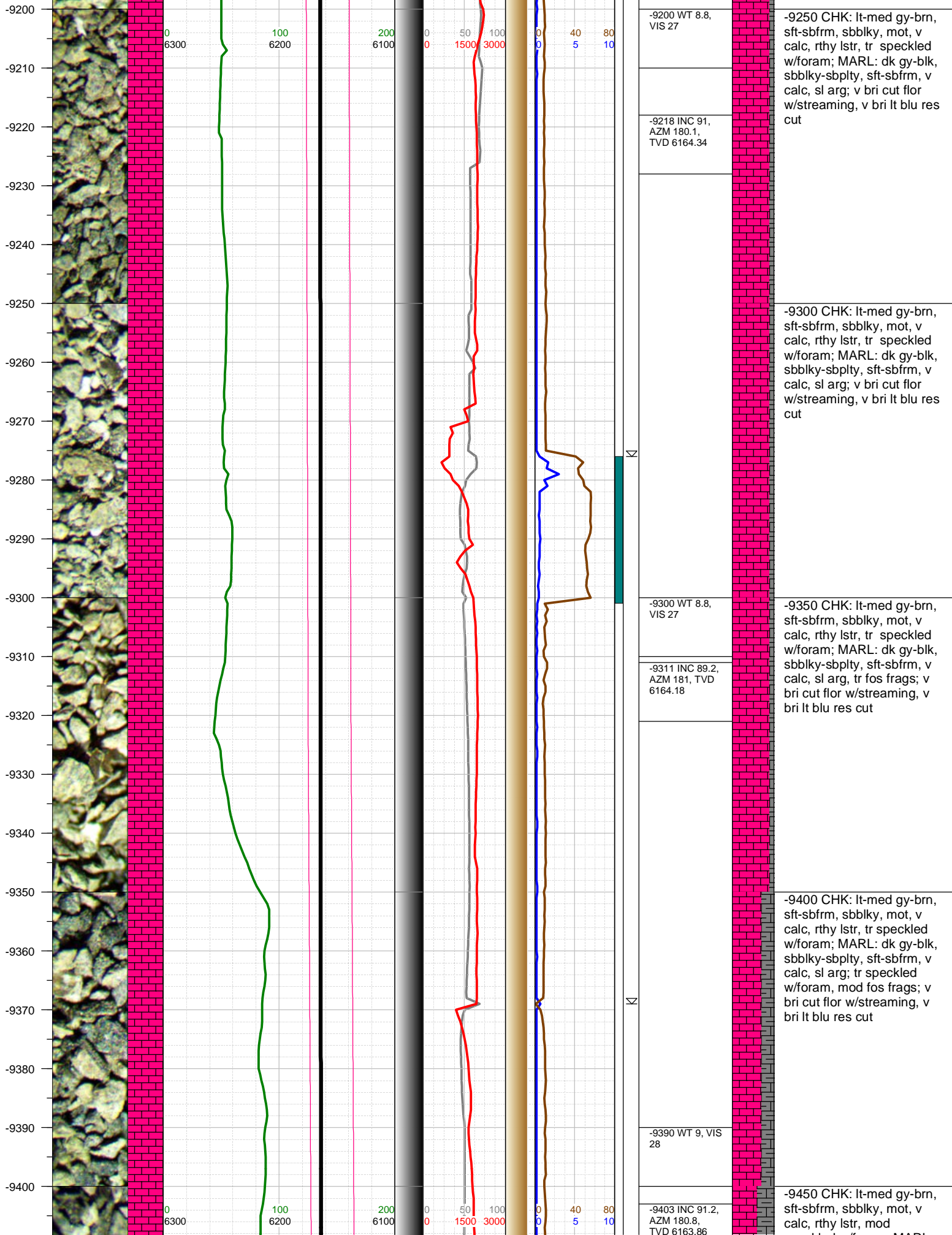
-8350 CHK: lt-med gy-brn,
sft-sbfrm, sbbkly, mot, v
calc, rthy lstr, tr speckled
w/foram; tr fossil frag, tr
bent; v bri cut flor
w/streaming, v bri lt blu res
cut

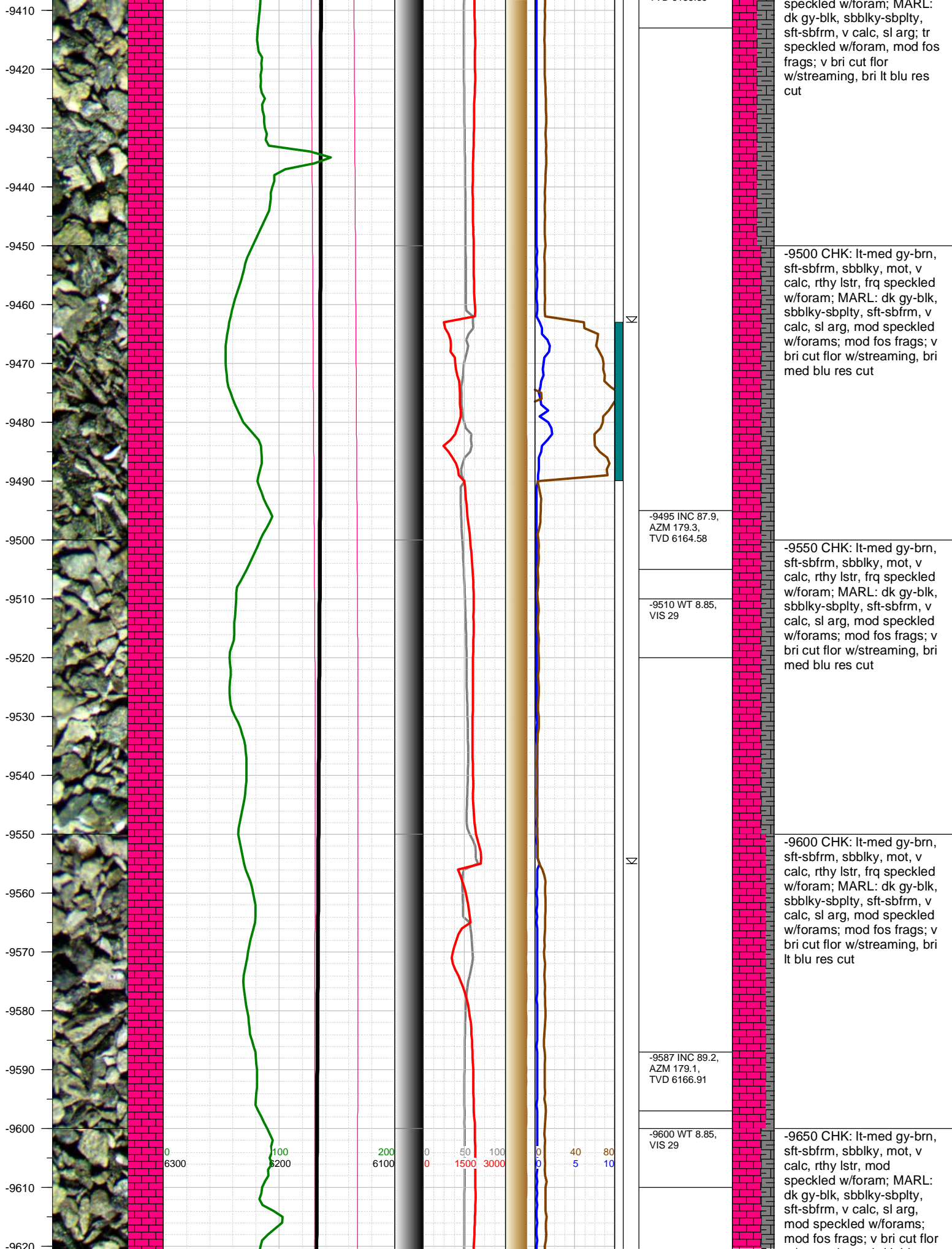


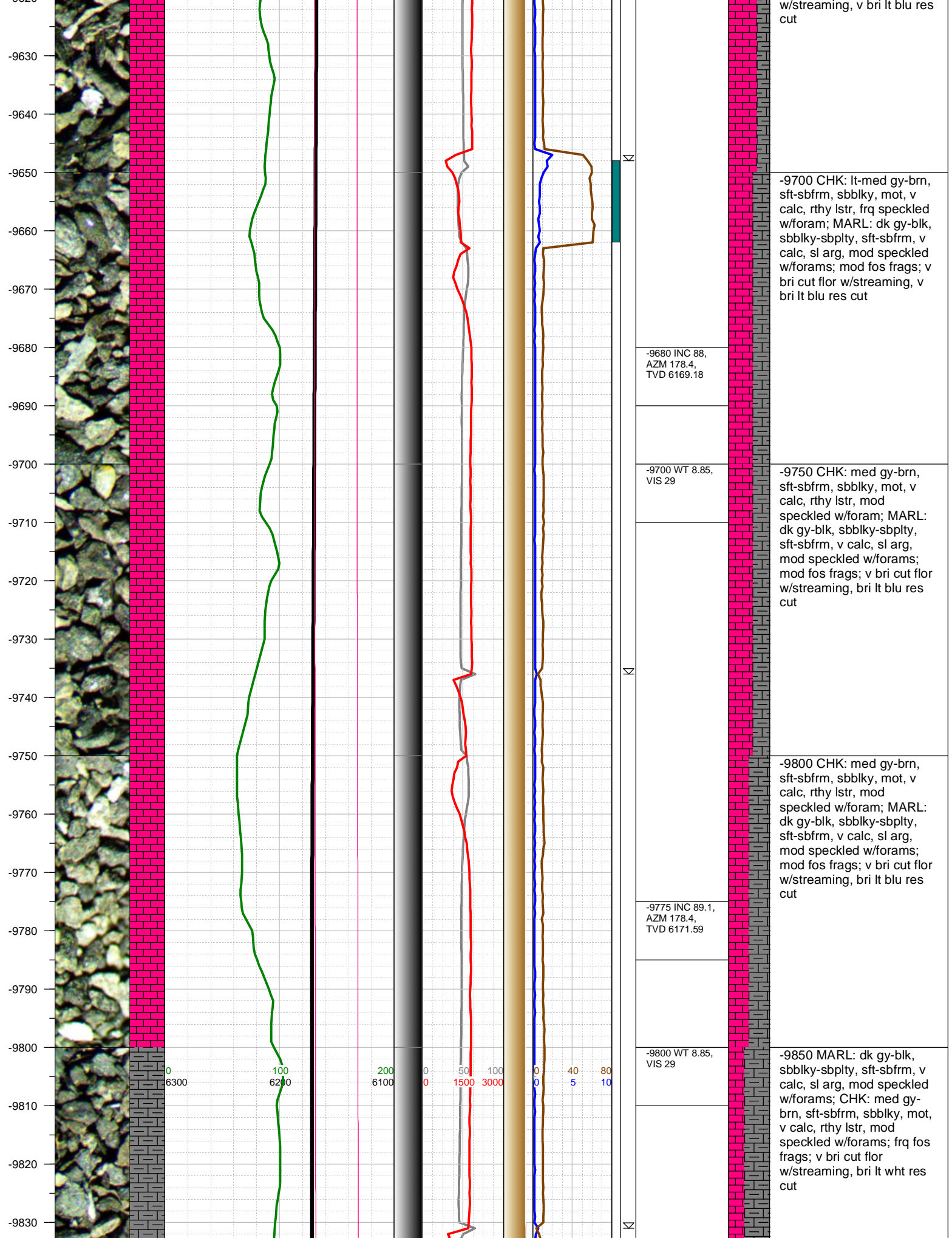


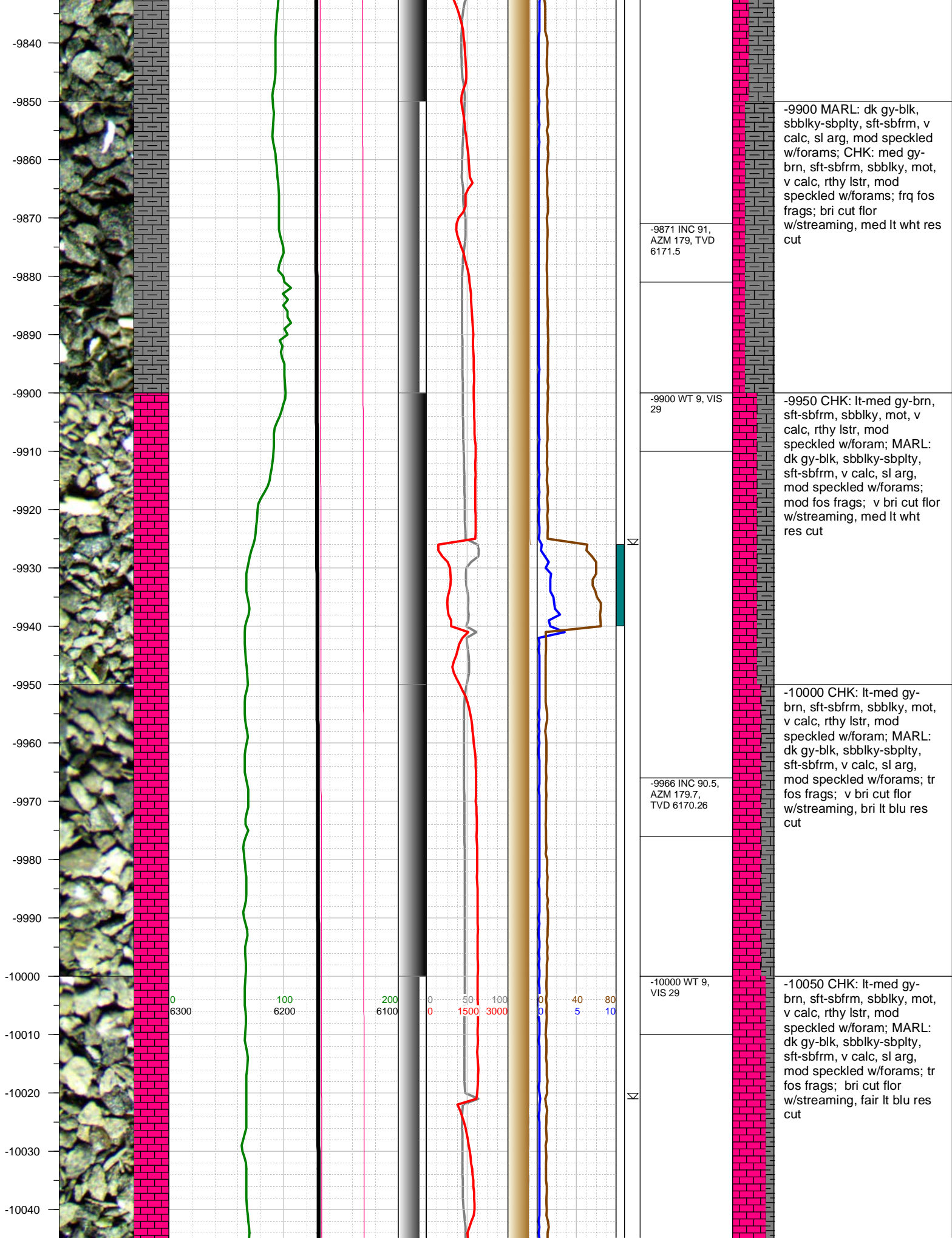


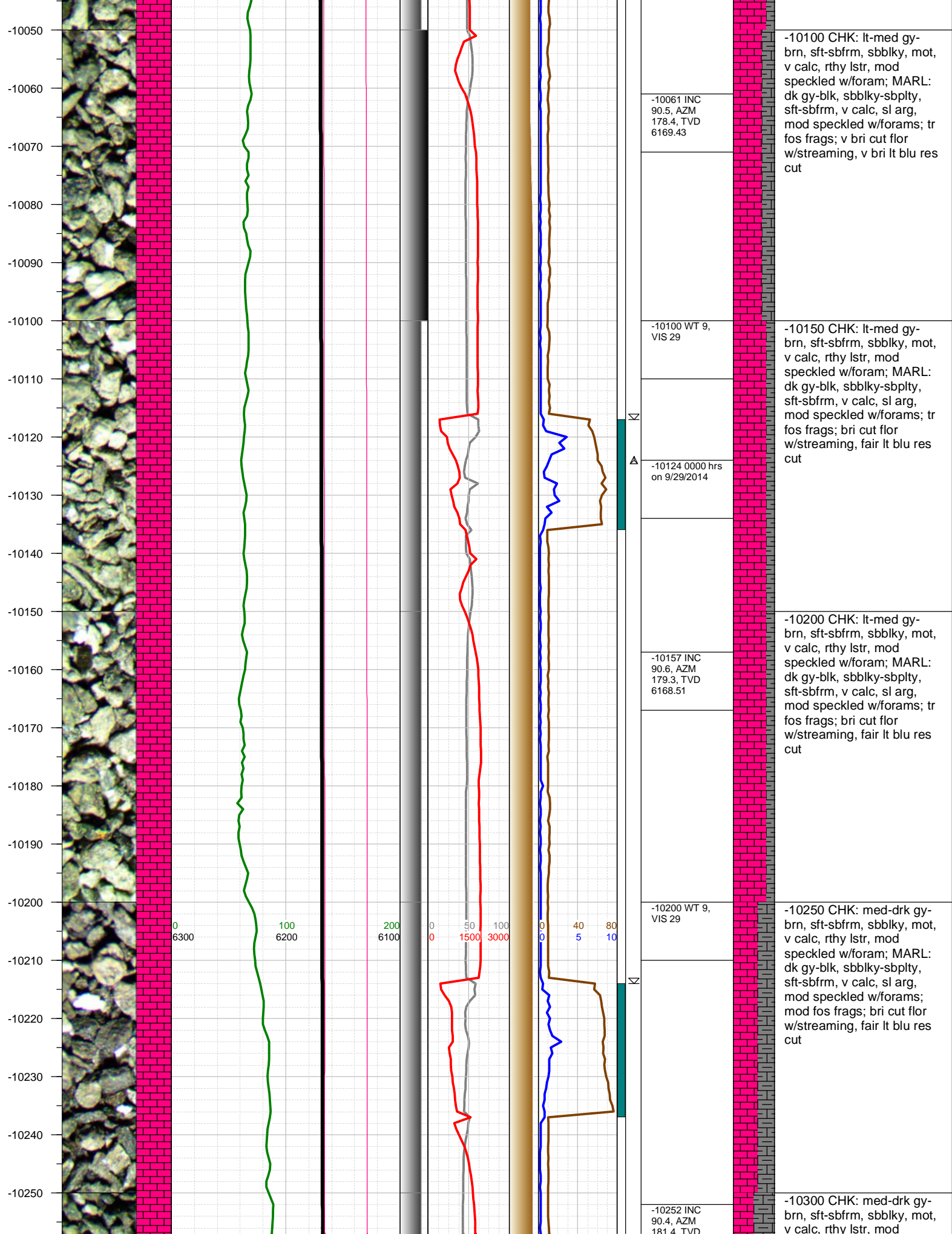












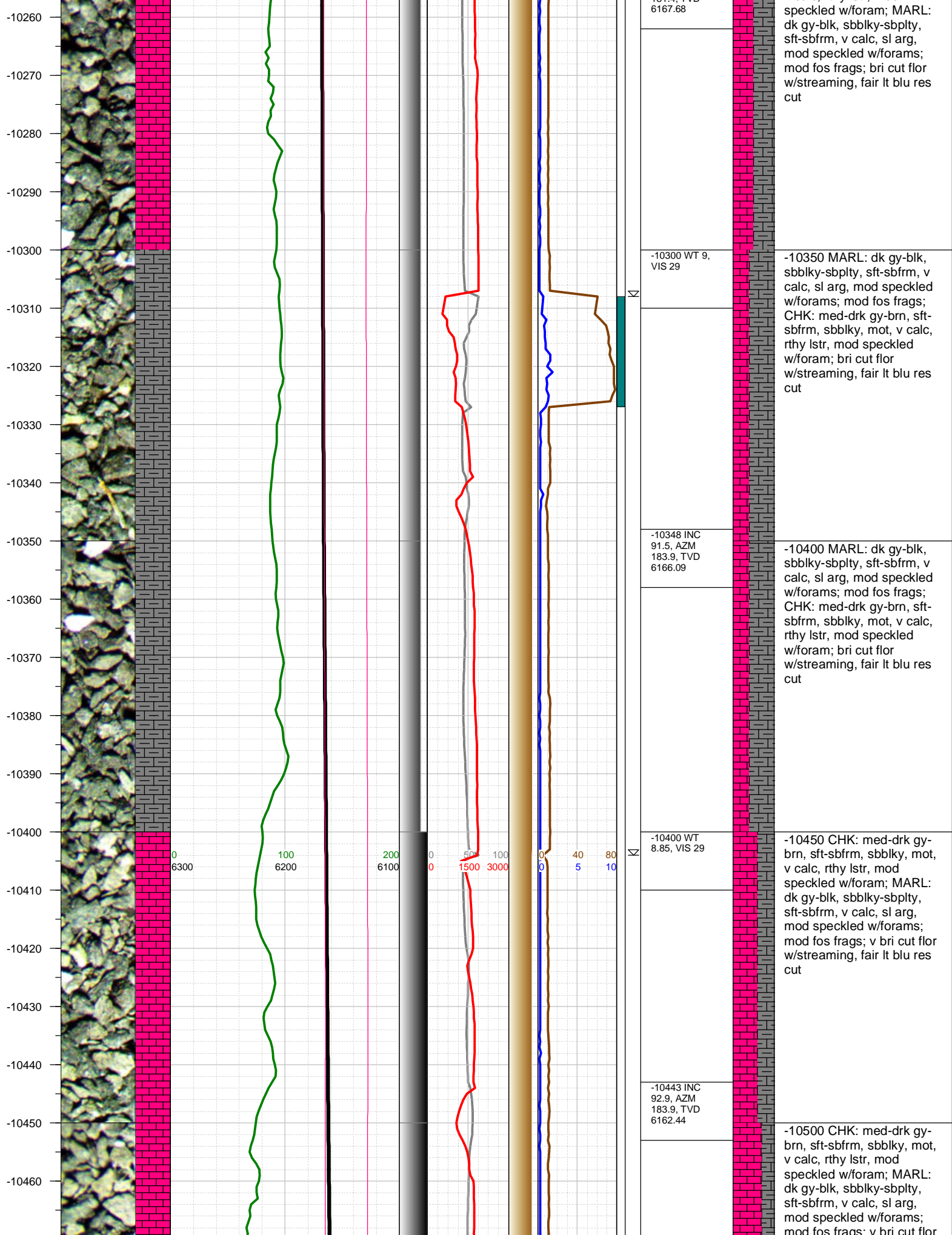
-10100 CHK: lt-med gy-brn, sft-sbfrm, sbblky, mot, v calc, rthy lstr, mod speckled w/foram; MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, v calc, sl arg, mod speckled w/forams; tr fos frags; v bri cut flor w/streaming, v bri lt blu res cut

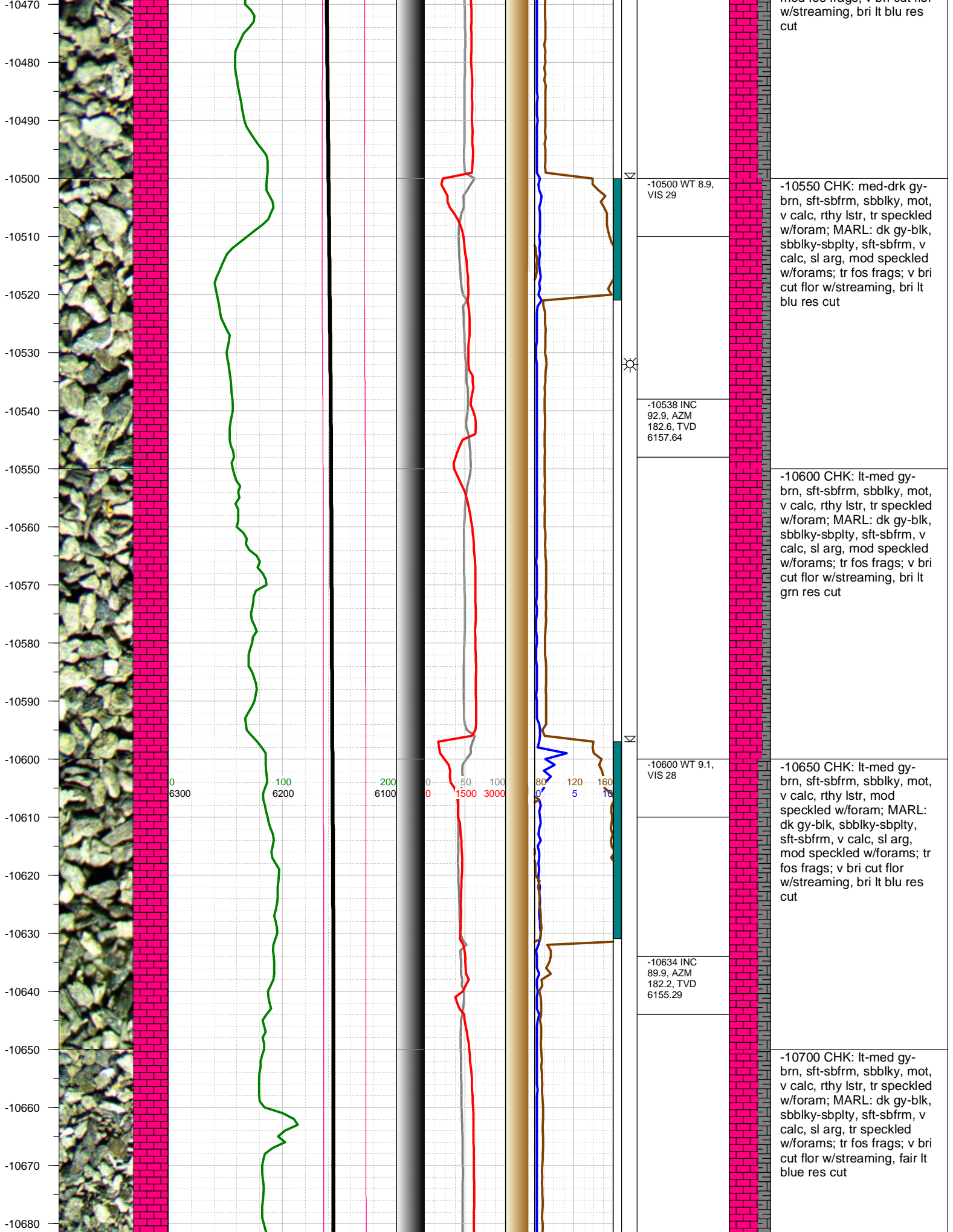
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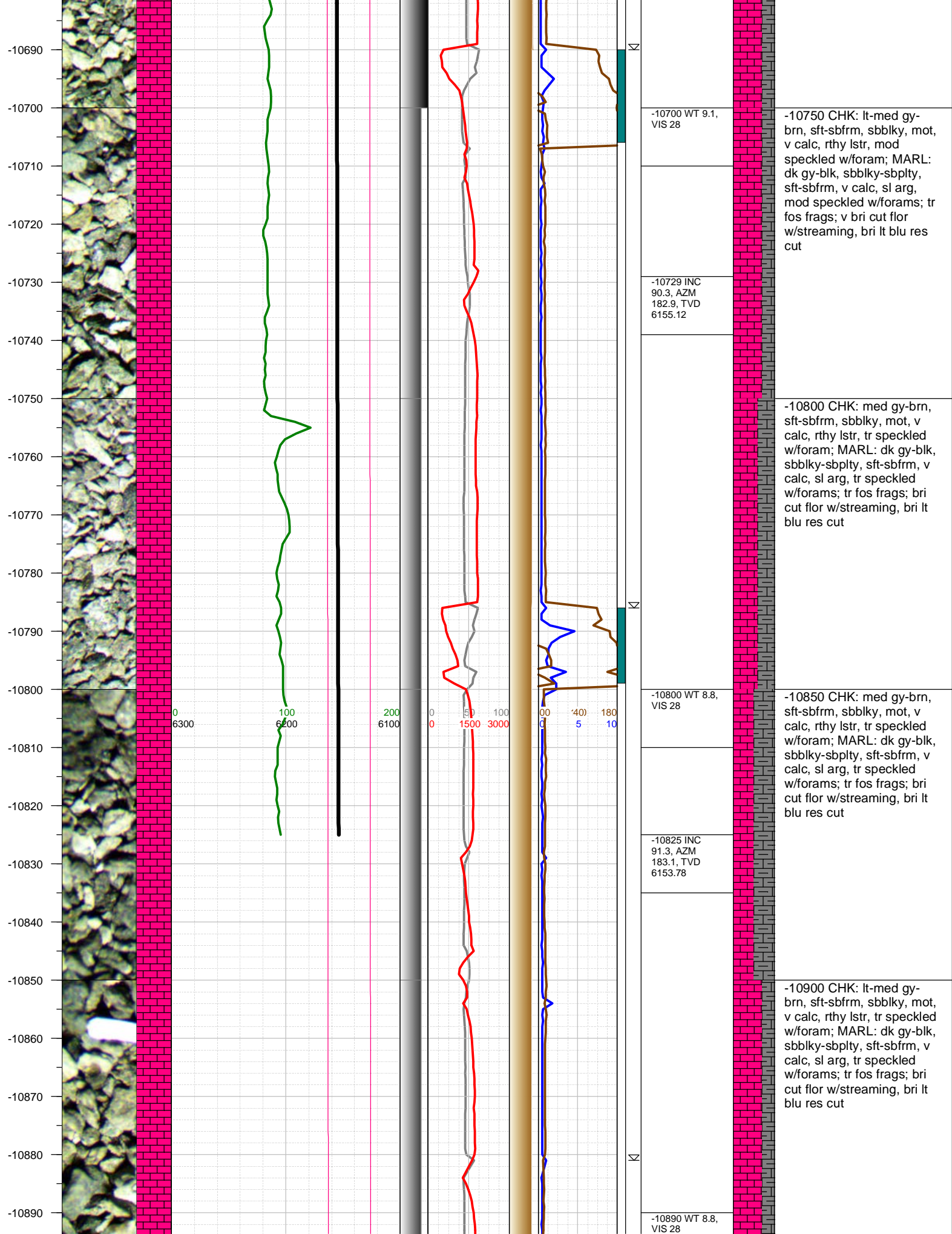
-10200 CHK: lt-med gy-brn, sft-sbfrm, sbblky, mot, v calc, rthy lstr, mod speckled w/foram; MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, v calc, sl arg, mod speckled w/forams; tr fos frags; bri cut flor w/streaming, fair lt blu res cut

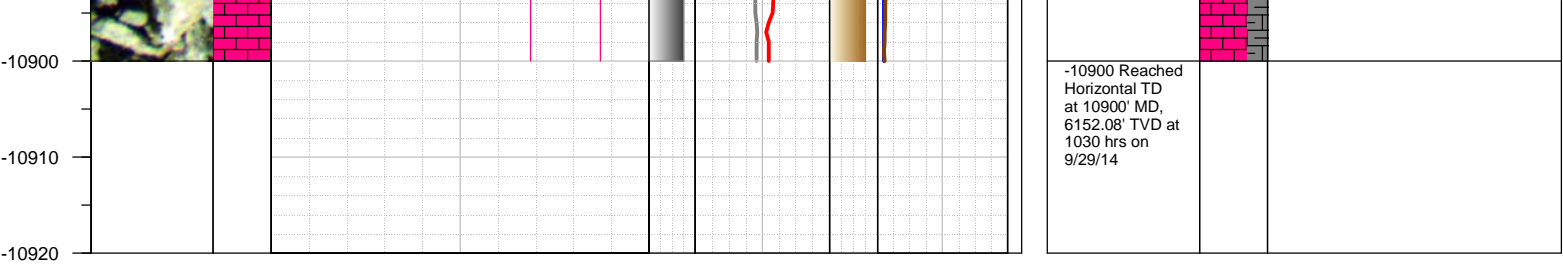
-10250 CHK: med-drk gy-brn, sft-sbfrm, sbblky, mot, v calc, rthy lstr, mod speckled w/foram; MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, v calc, sl arg, mod speckled w/forams; mod fos frags; bri cut flor w/streaming, fair lt blu res cut

-10300 CHK: med-drk gy-brn, sft-sbfrm, sbblky, mot, v calc, rthy lstr, mod









TOTAL DEPTH = 10900'

Thank you for using Earth Science Agency