

OPERATOR: **Cub Creek Energy**

WELL NAME: **Markham 10**

FIELD NAME: DJ Basin - Wattenberg

DRILLING RIG: Xtreme 18

API #: 05-123-43242

LAT/LONG: 40.26902, -105.02313

SURFACE HOLE: NWSE S32-T4N-R68W, 2469' FSL, 1517' FEL

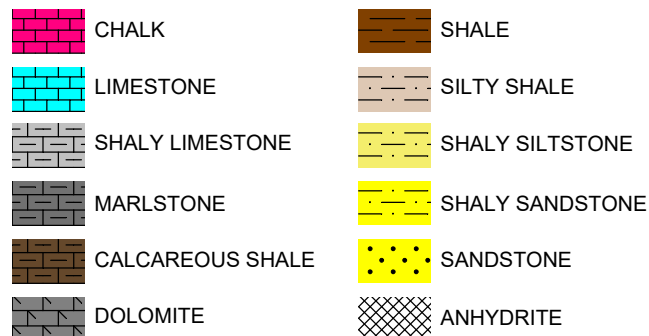
BOTTOM HOLE: NWSW S32-T4N-R68W, 2145' FSL, 460' FWL



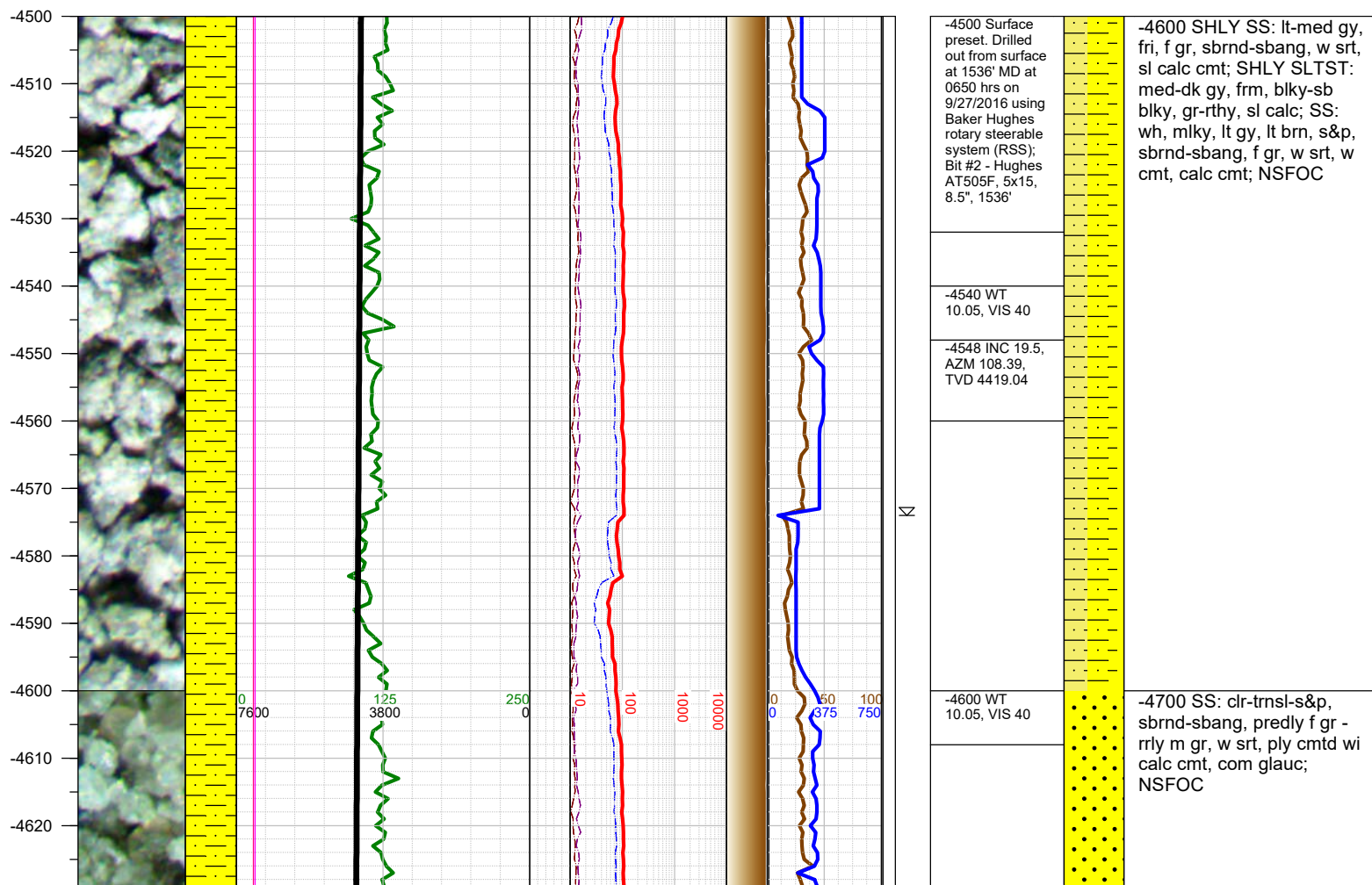
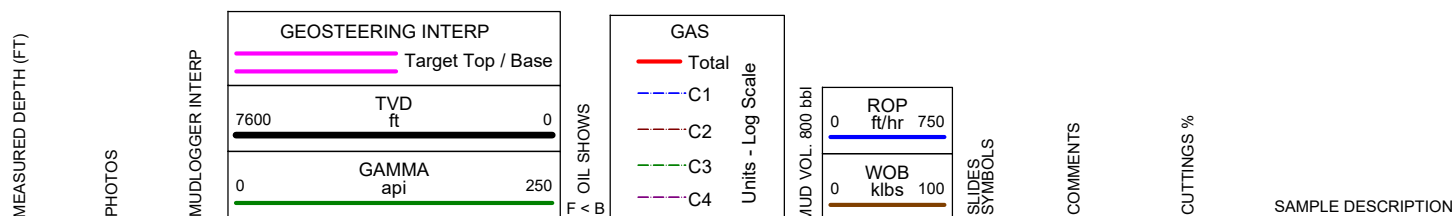
Earth Science Agency, LLC

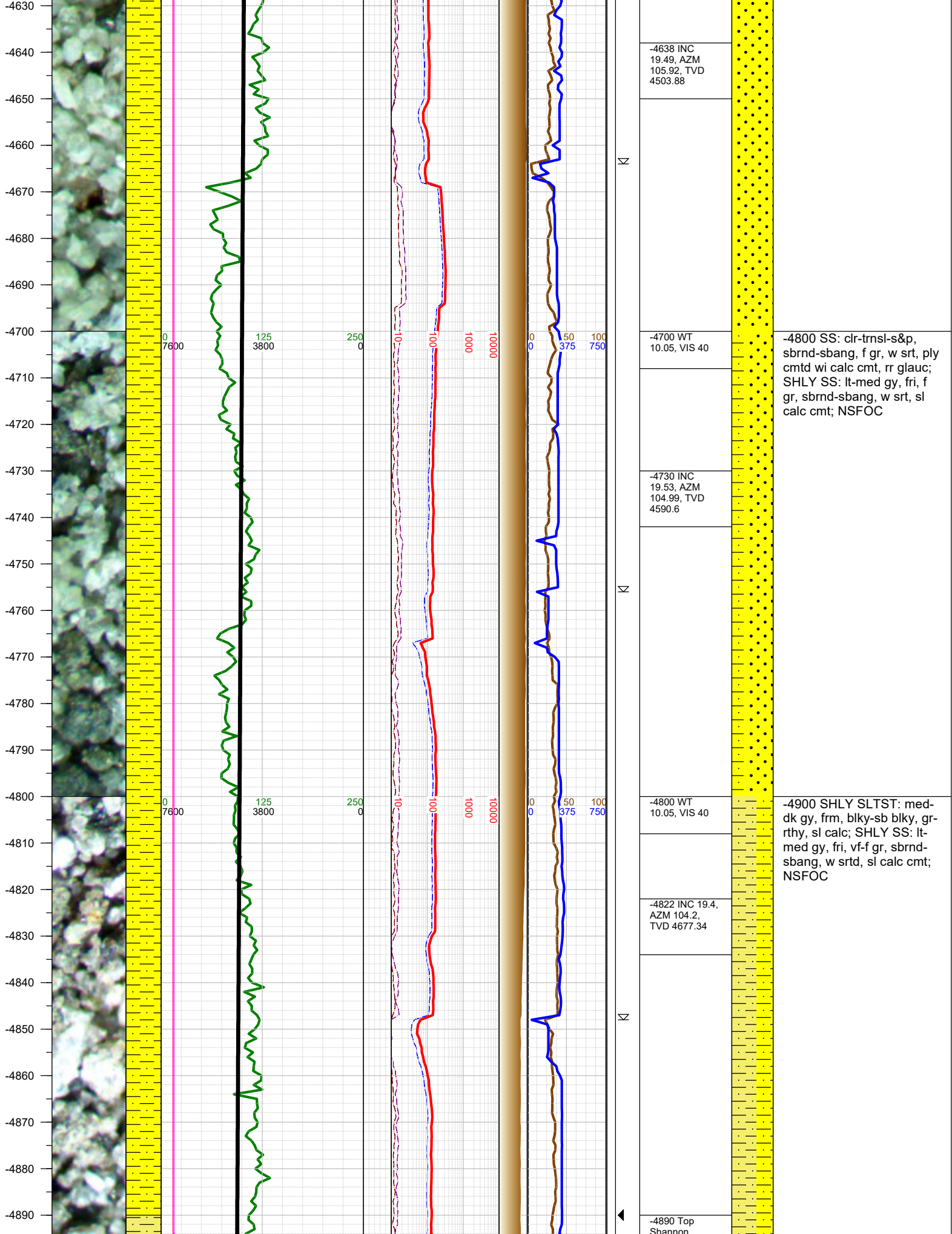
COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 5040'
KELLY BUSHING: 5057'
DRILLING FLUID: WBM
TVD VS. MD: 7052' / 11975'
SPUD DATE: September 27, 2016
TD DATE: September 29, 2016
DEPTHS LOGGED: 4500' - 11975'
DATES LOGGED: September 27, 2016 - September 29, 2016
GEOLOGISTS: Blue Spikes, Ari Berland
SCALE: 5" = 100'

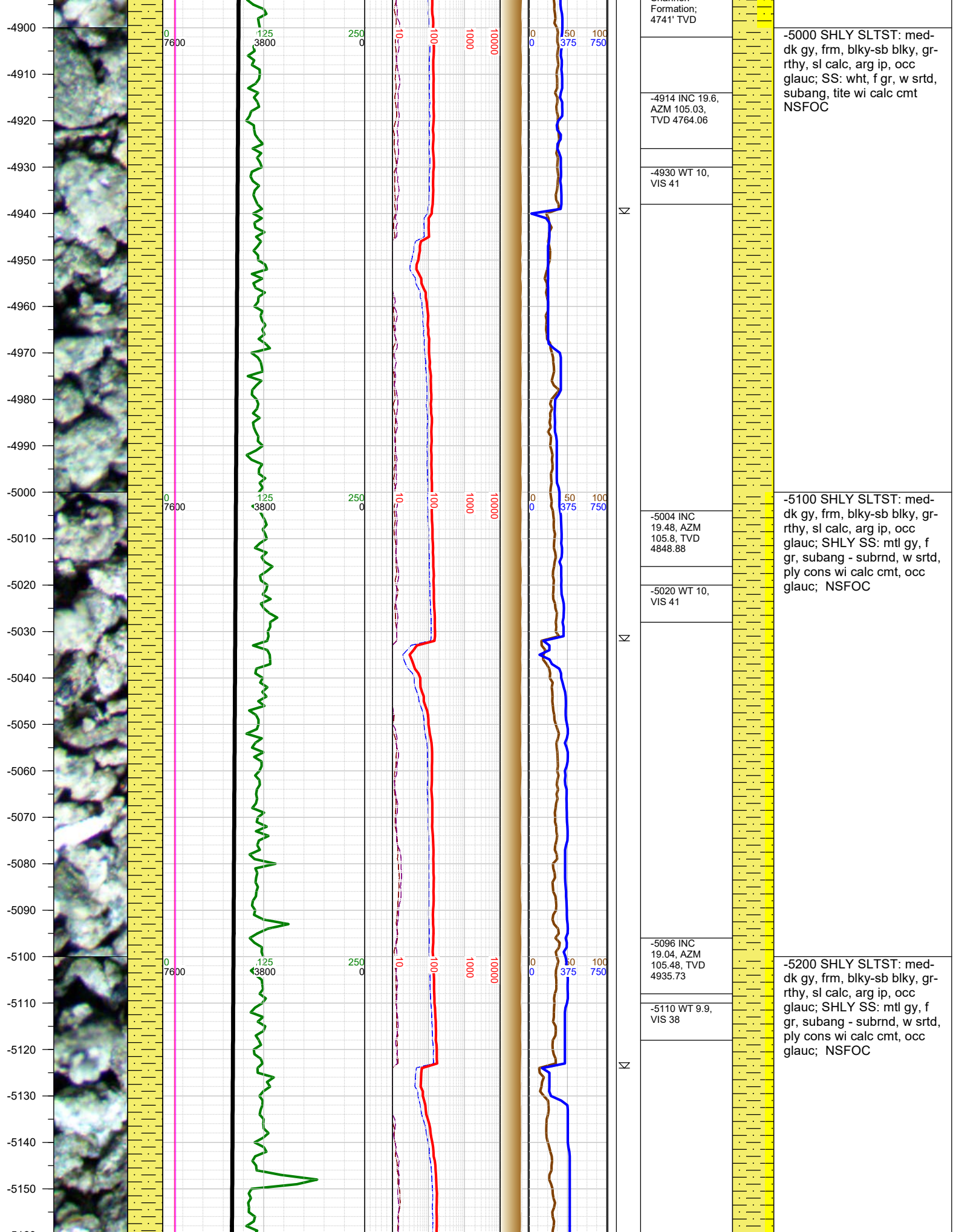
LEGEND

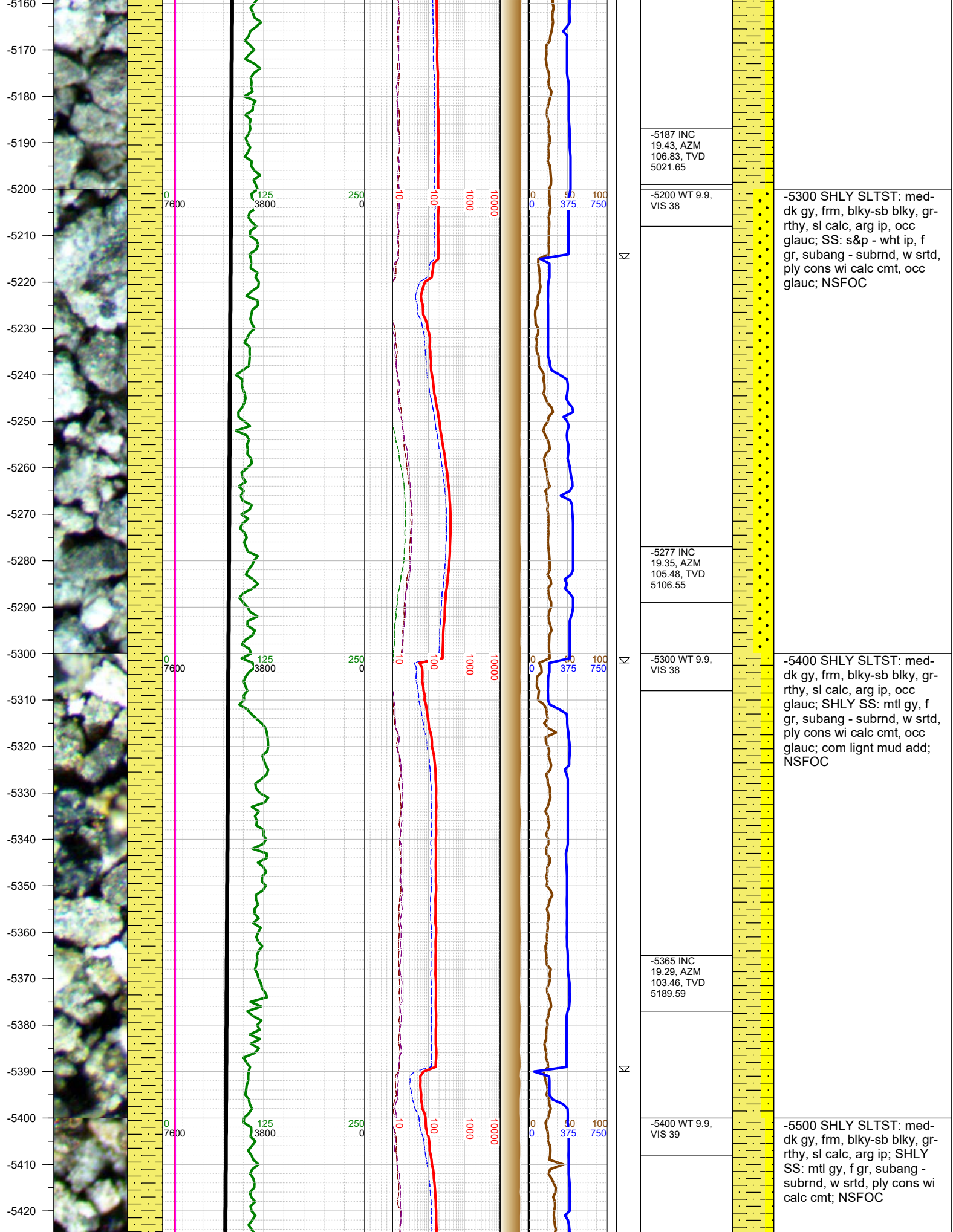


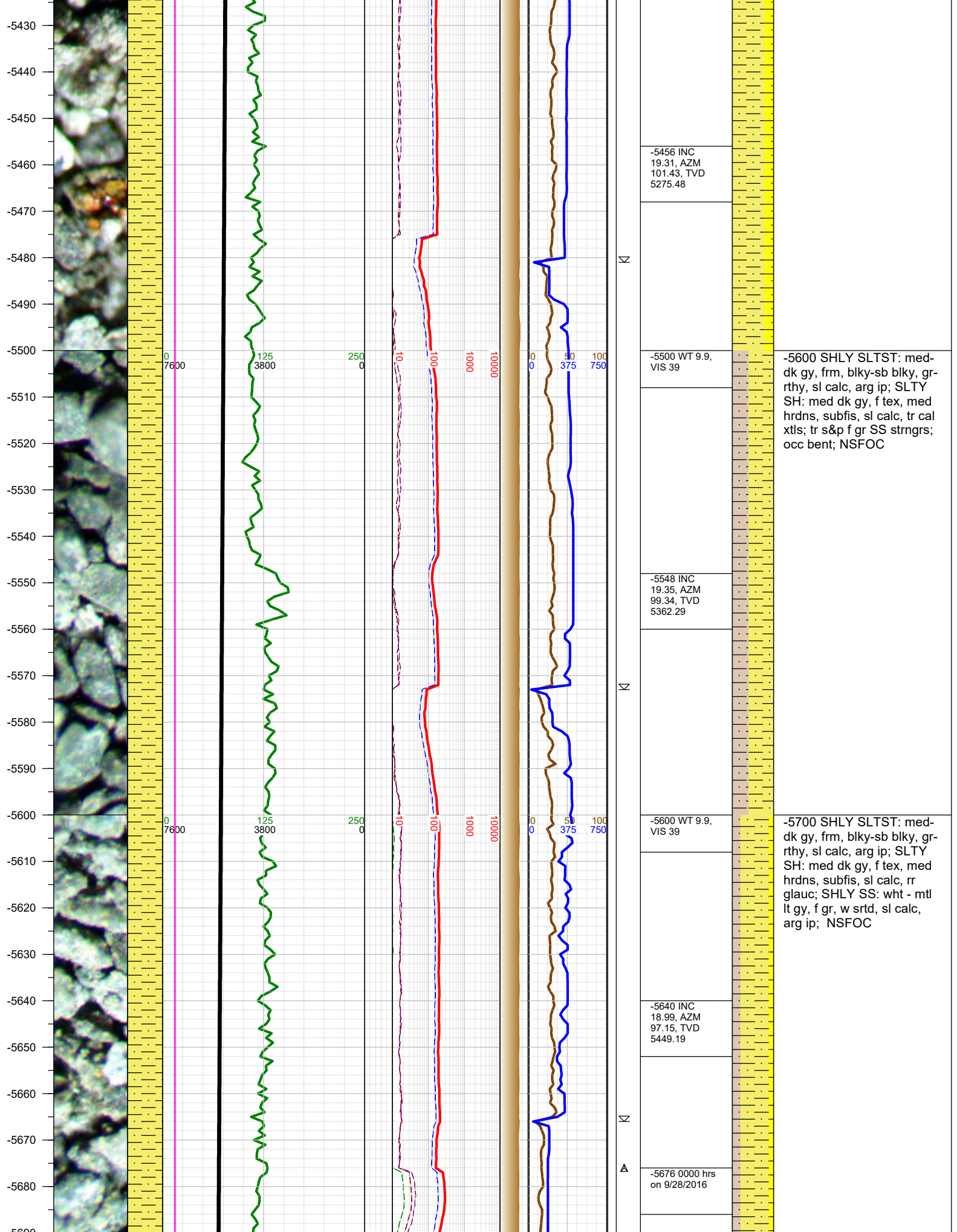
FORMATION CONNECTION MIDNIGHT NEW BIT GAS SHOW FAULT

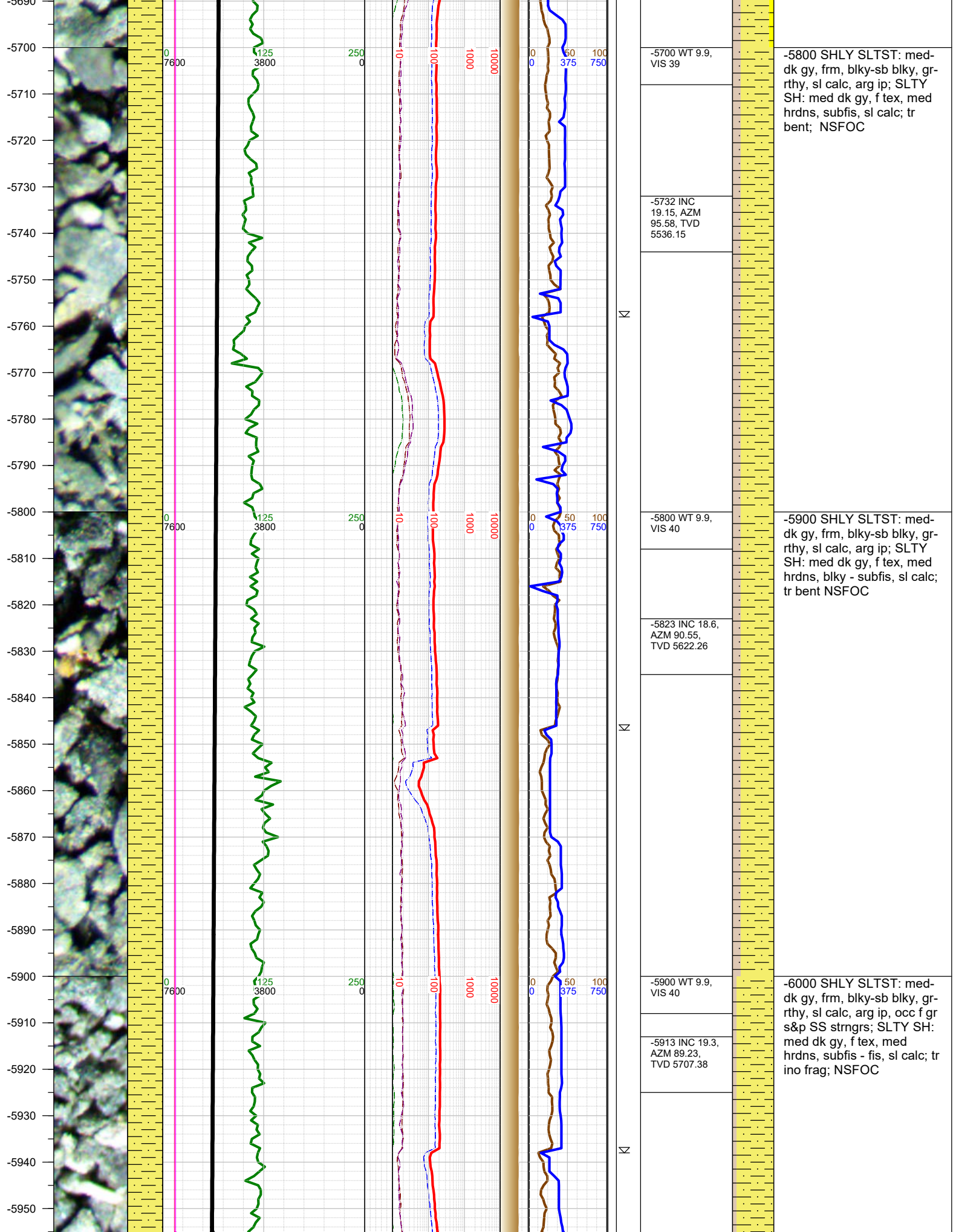


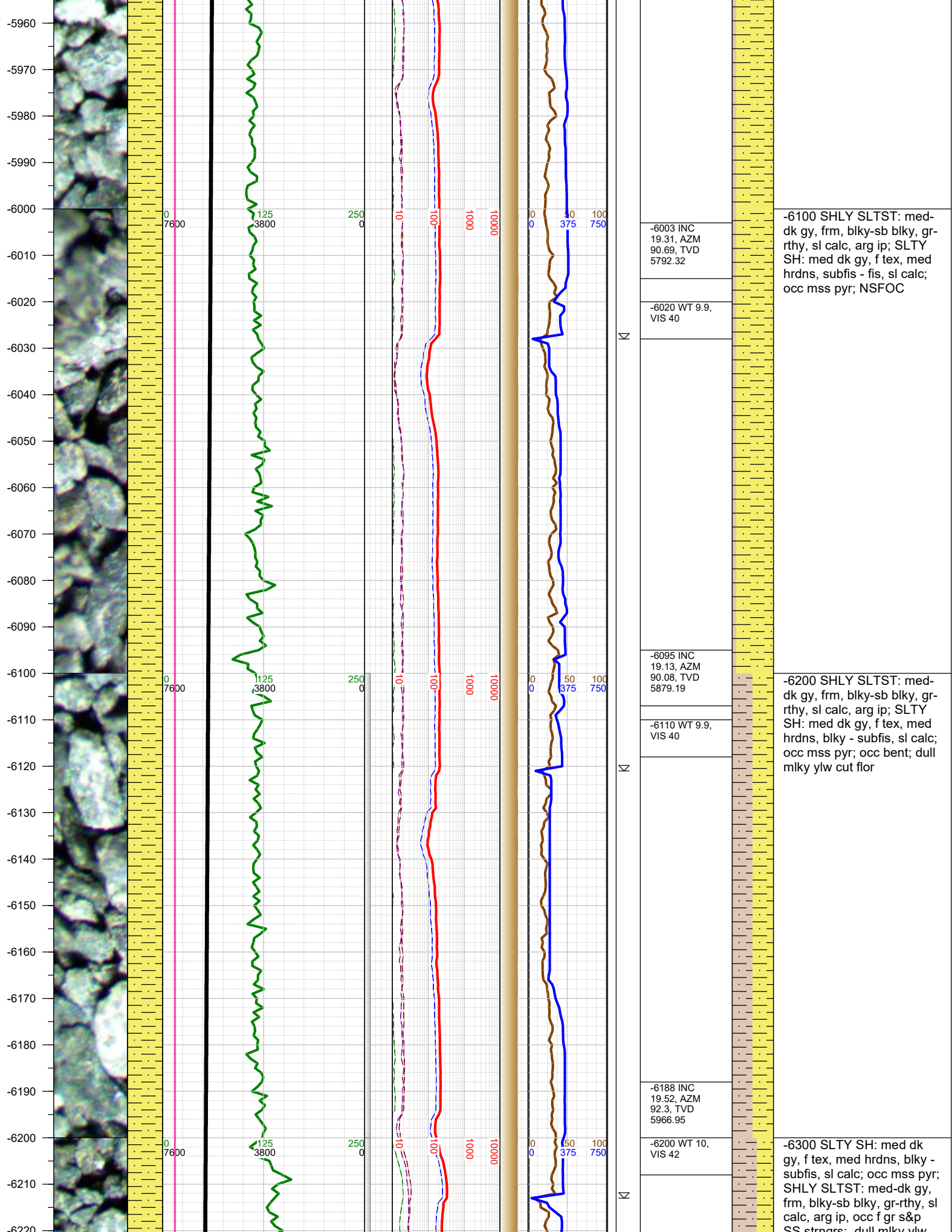




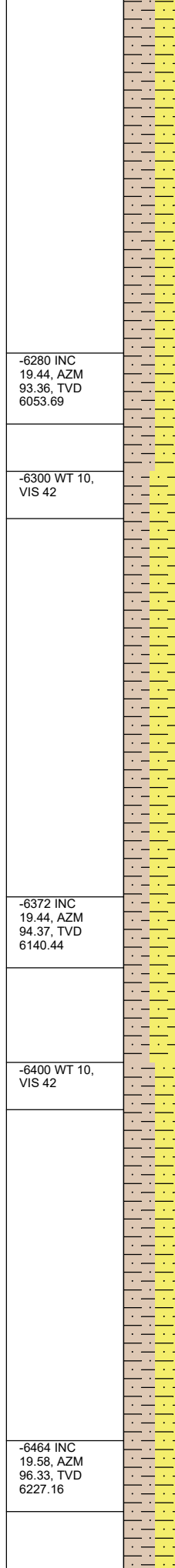
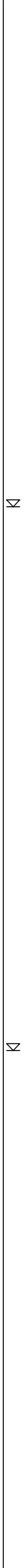
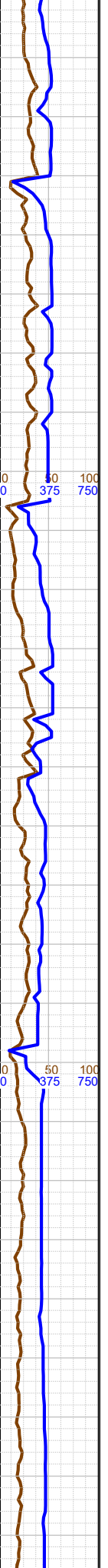
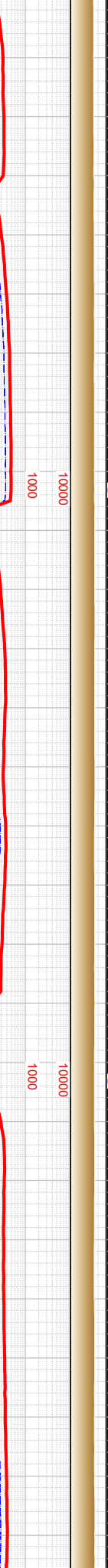
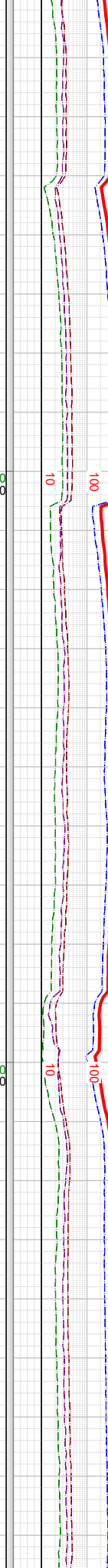
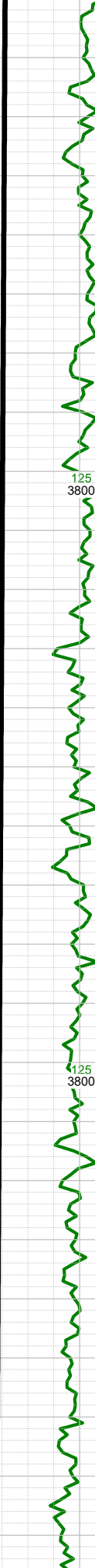
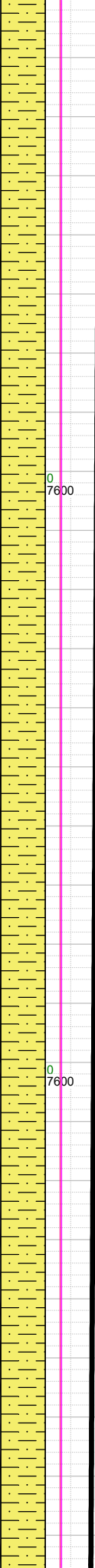








-6220
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-6470
-6480



SS stringers, dull milky ylw cut floor

-6280 INC
19.44, AZM
93.36, TVD
6053.69

-6300 WT 10,
VIS 42

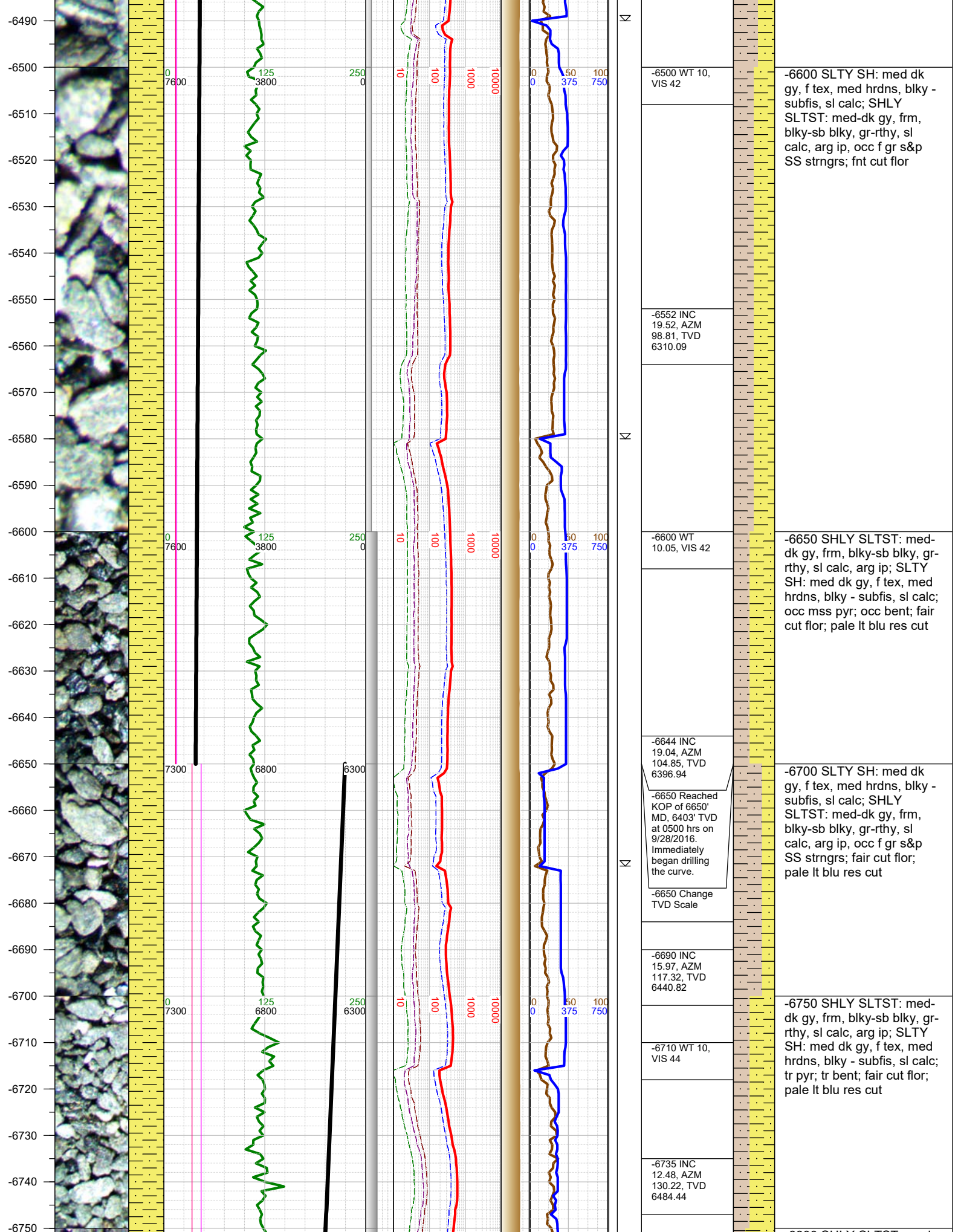
-6372 INC
19.44, AZM
94.37, TVD
6140.44

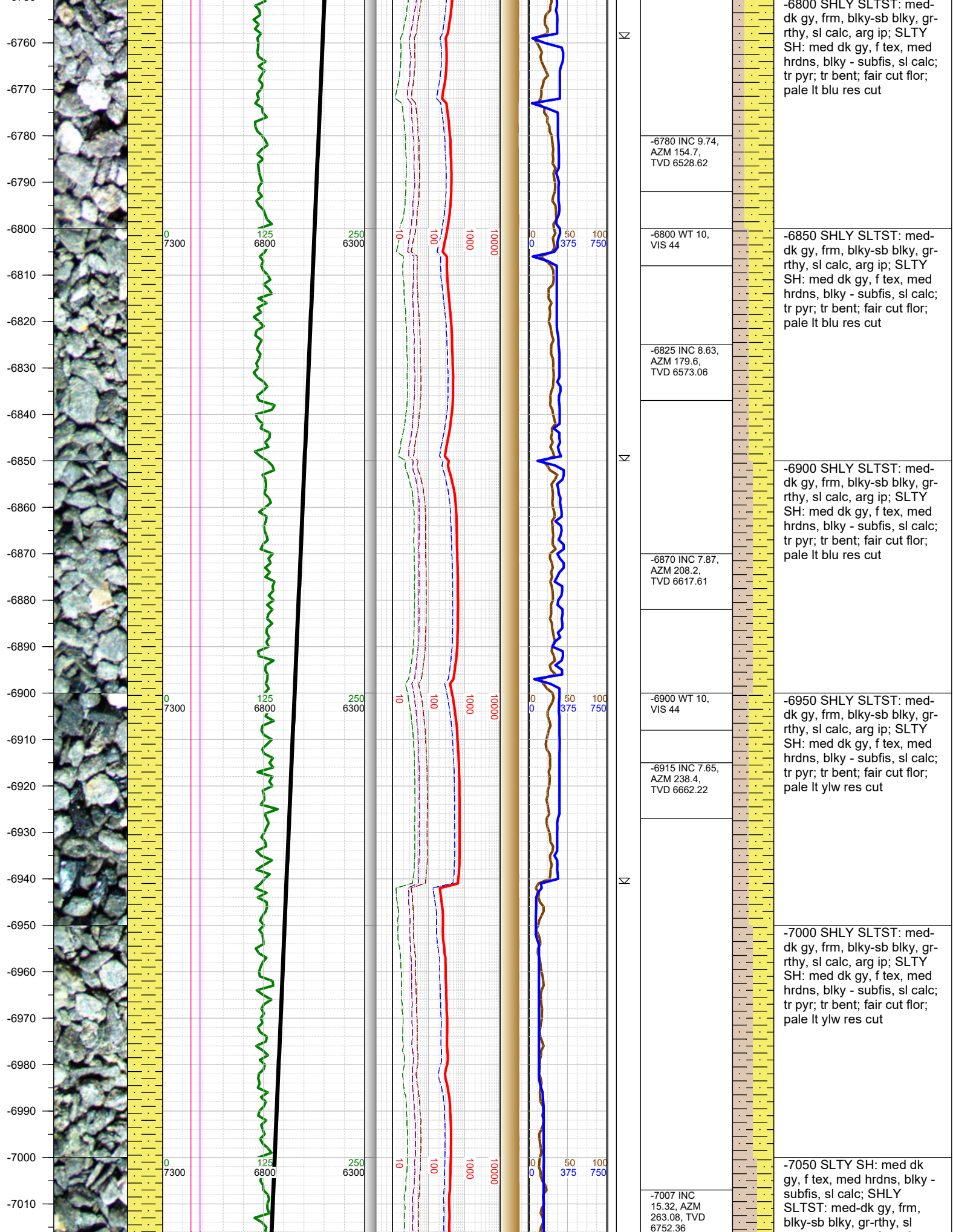
-6400 WT 10,
VIS 42

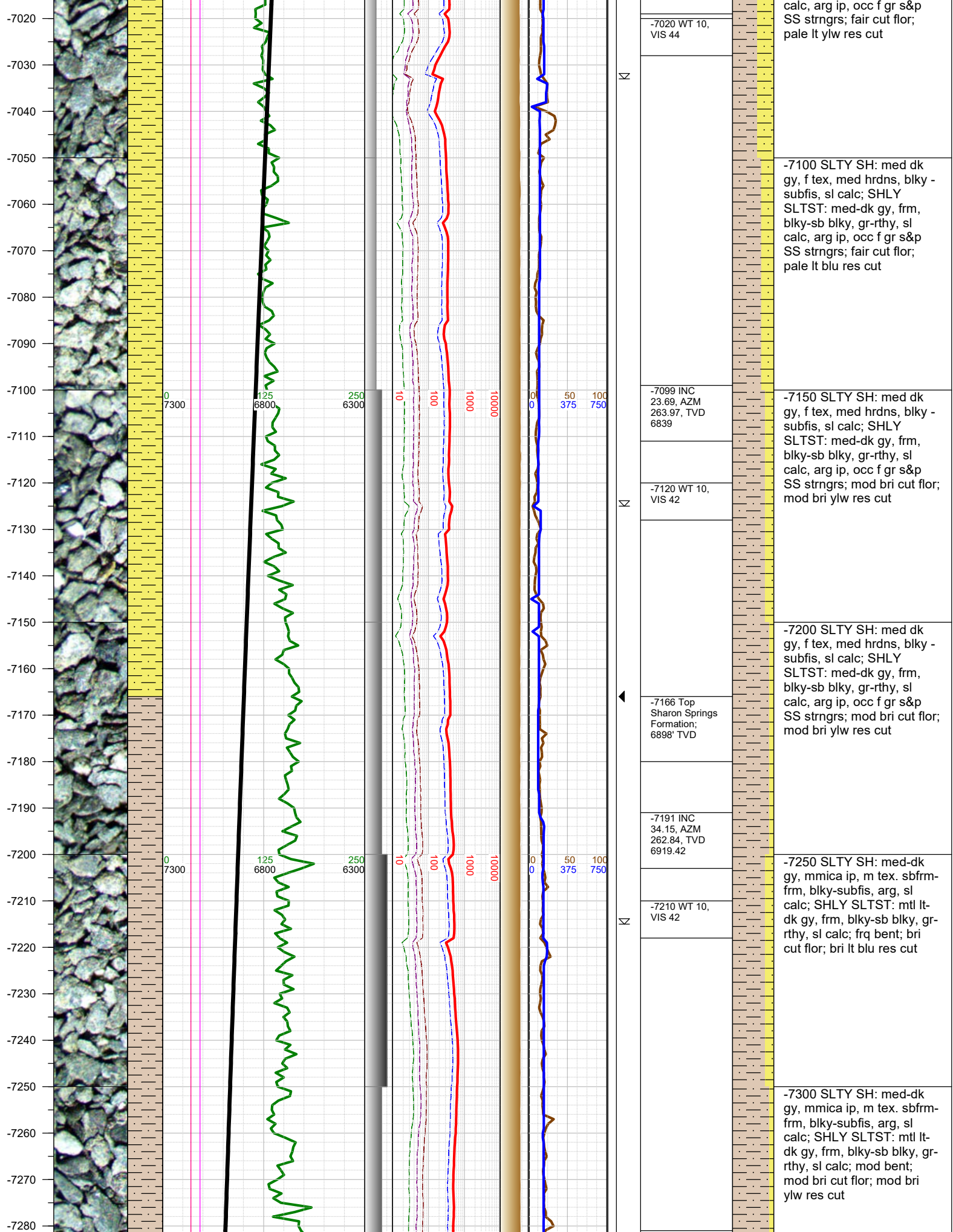
-6464 INC
19.58, AZM
96.33, TVD
6227.16

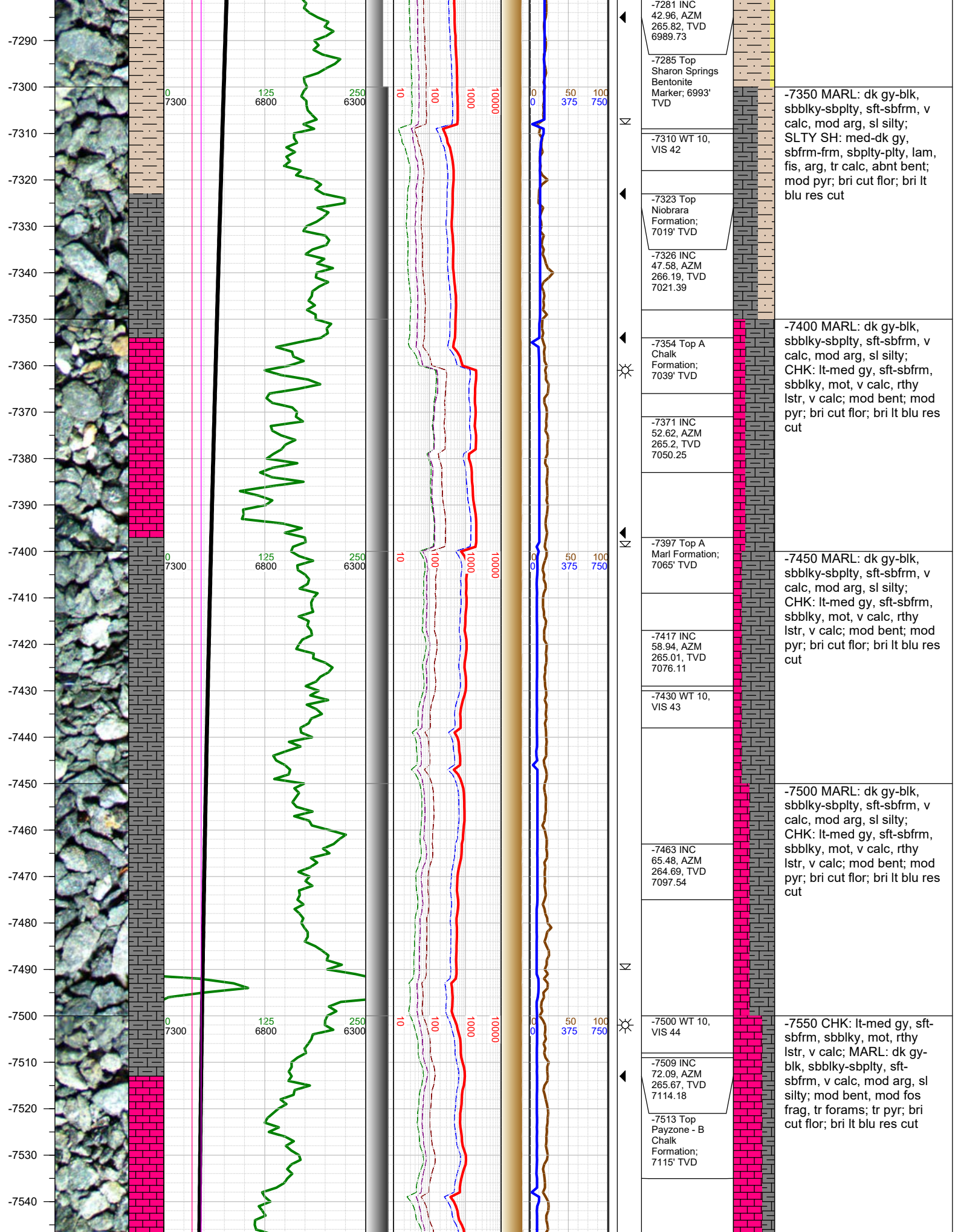
-6400 SLTY SH: med dk gy, f tex, med hrdns, blkly - subfis, sl calc; SHLY SLTST: med-dk gy, frm, blkly-sb blkly, gr-rthy, sl calc, arg ip, occ f gr s&p SS stringers; dull milky ylw cut floor

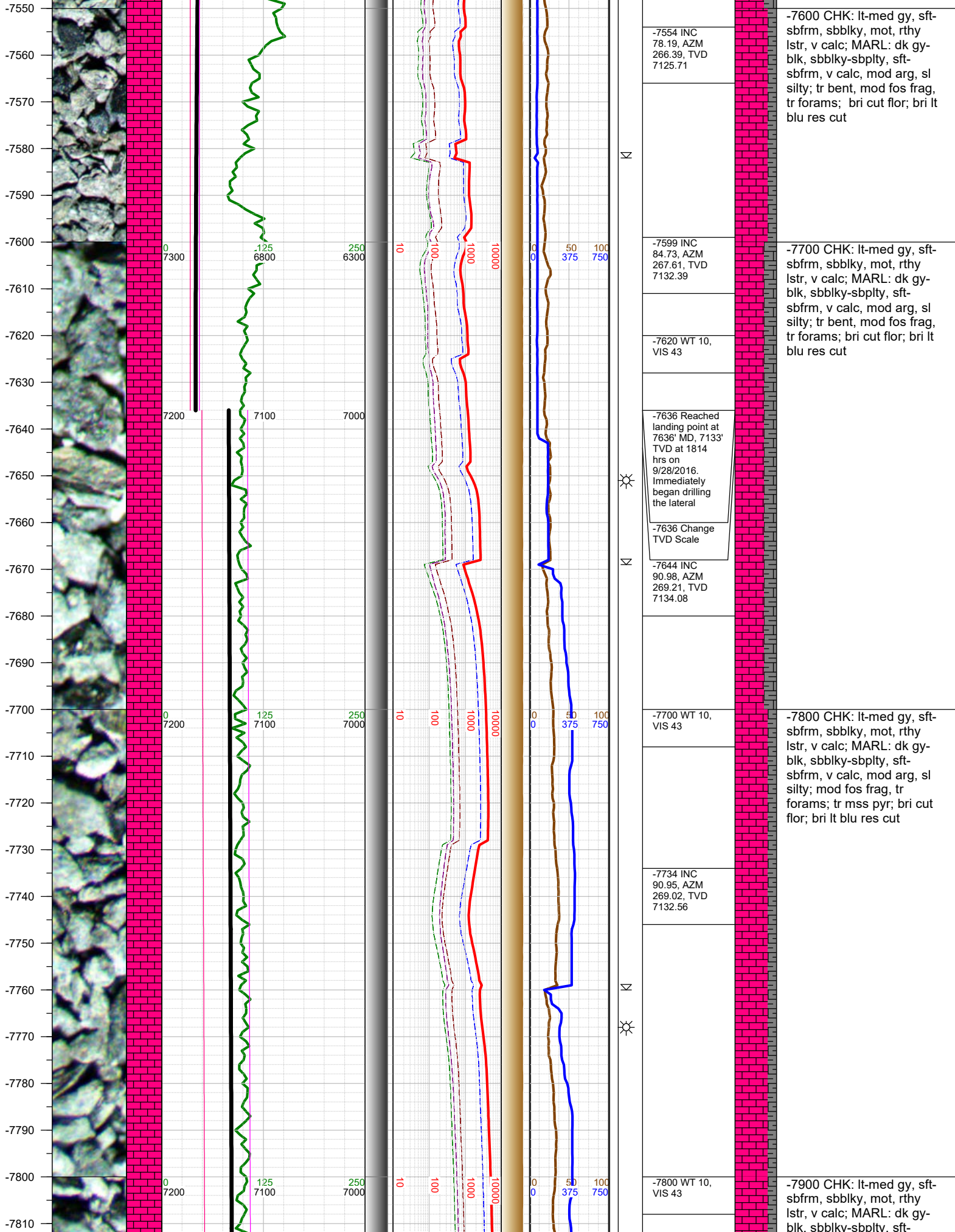
-6500 SLTY SH: med-dk gy, sbfrm-frm, sbplty-plty, lam, fis, arg, sl calc; SHLY SS: lt-med gy, fri, vf-f gr, sbrnd-sbang, w srtd, sl calc cmt; fnt cut floor

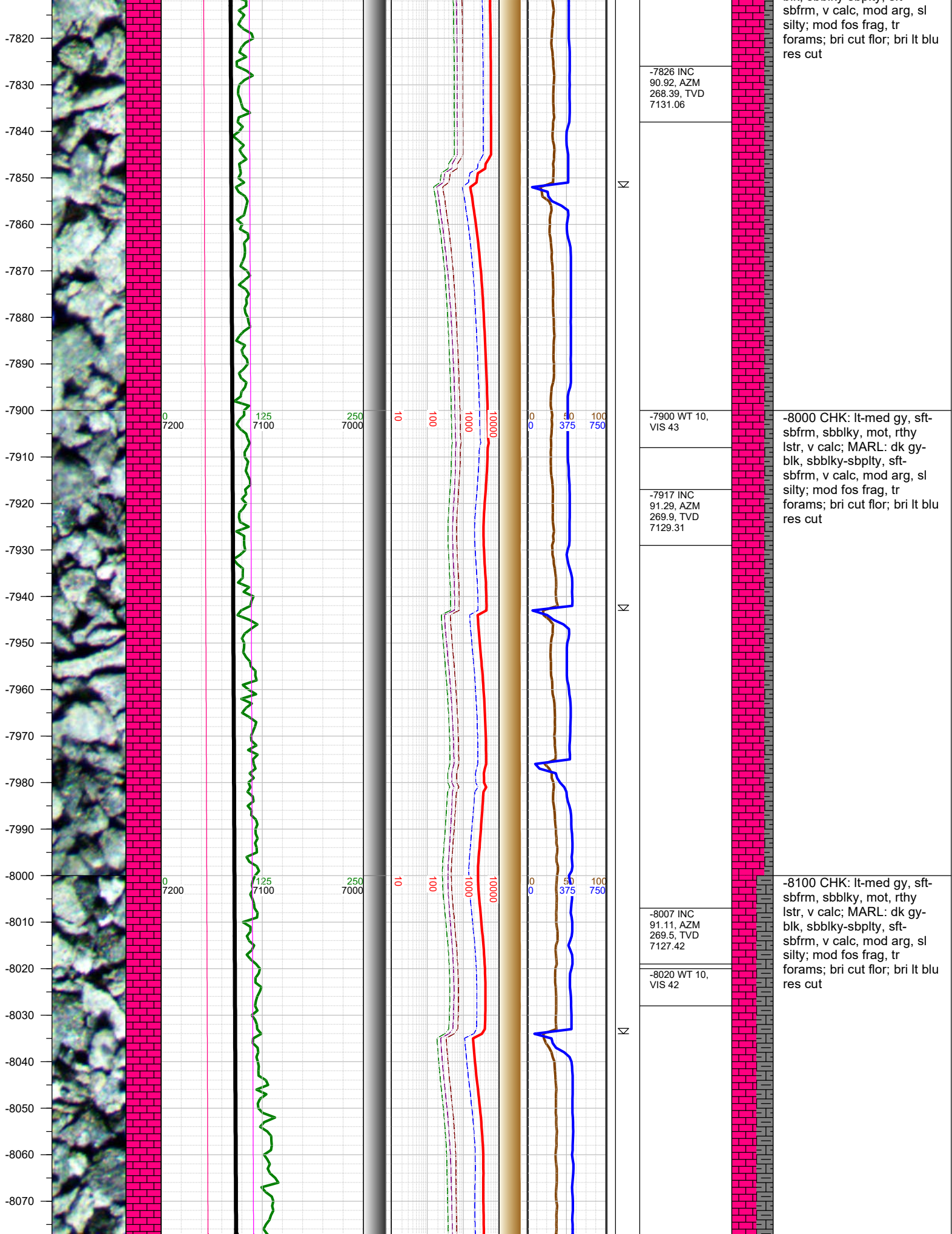


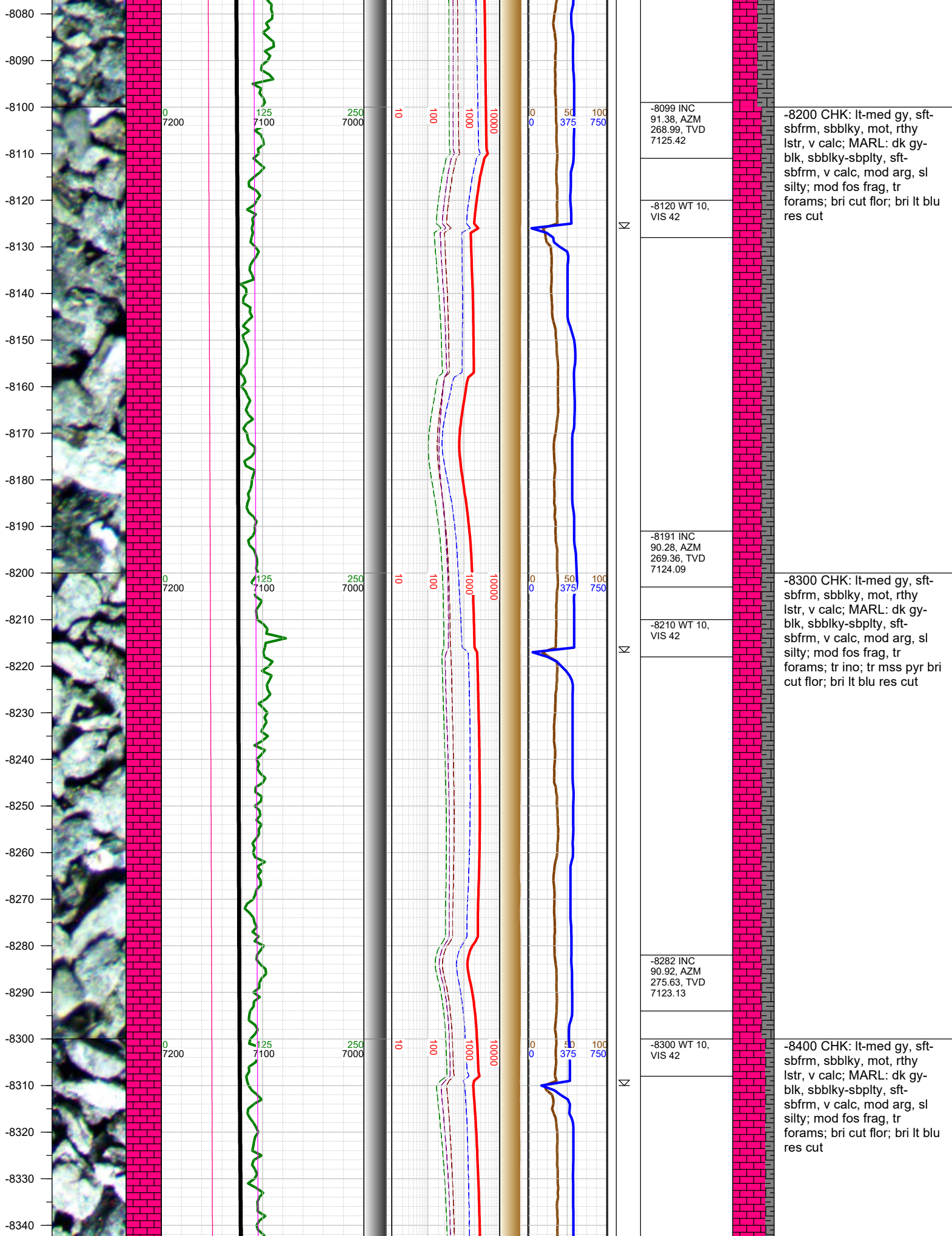


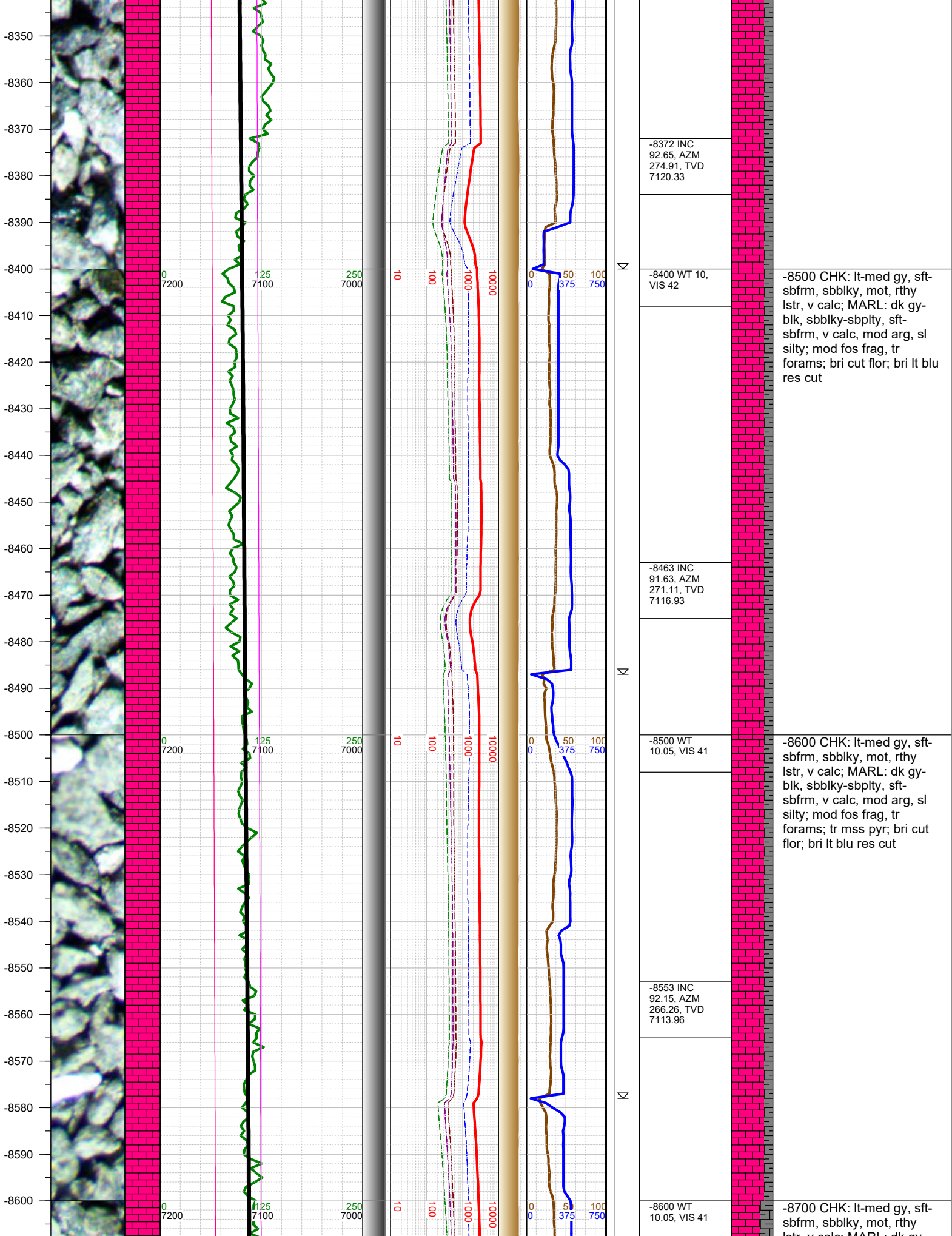


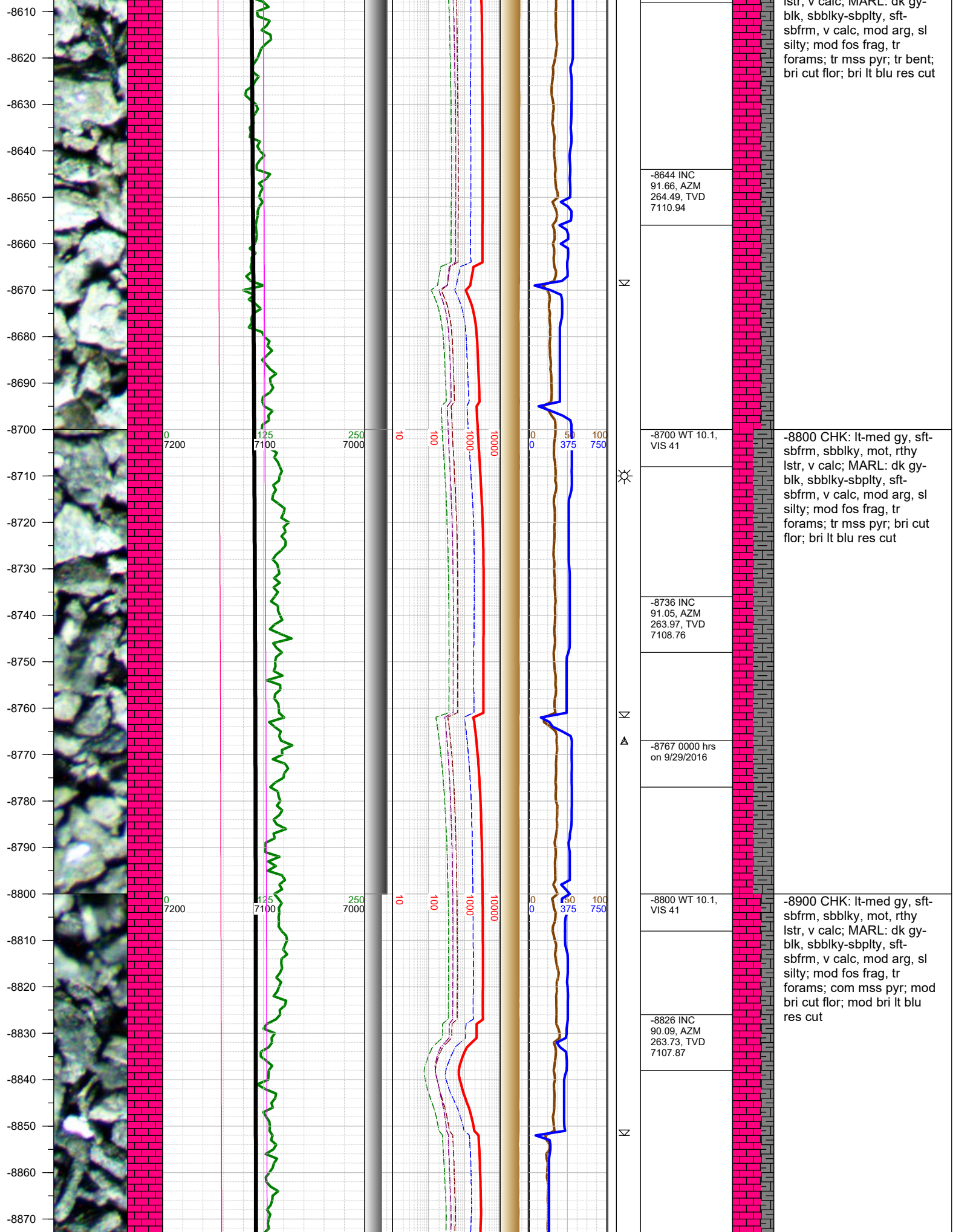


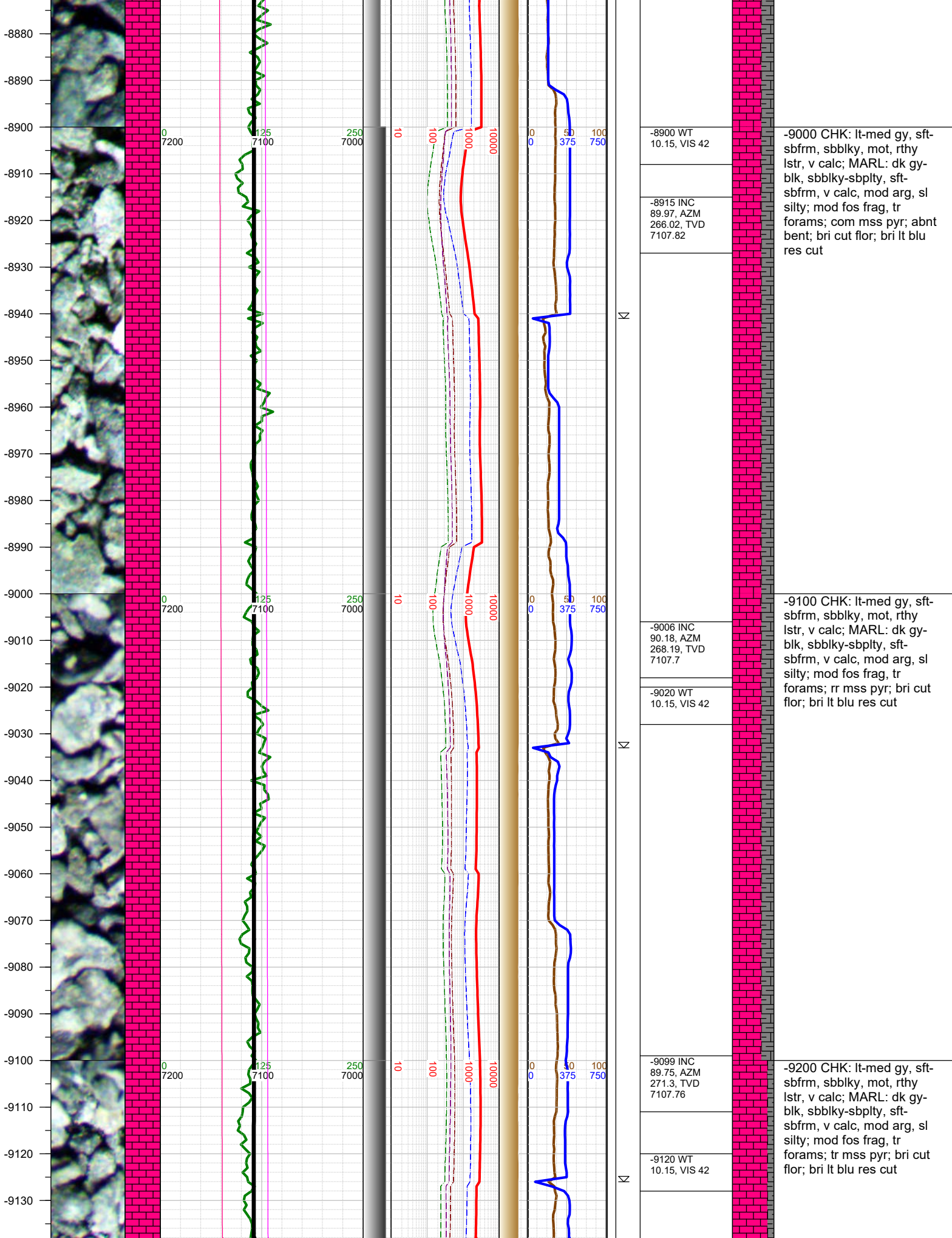


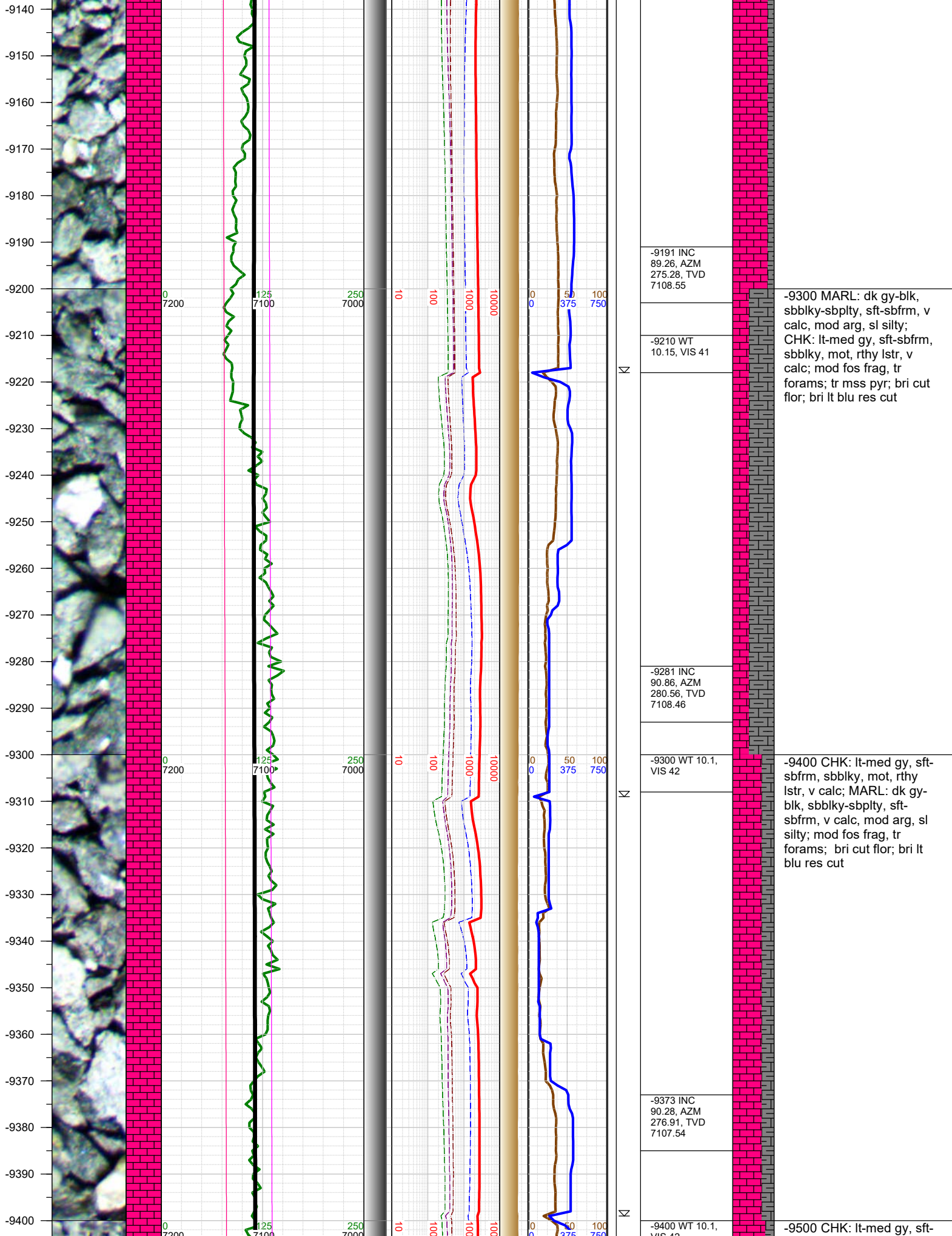


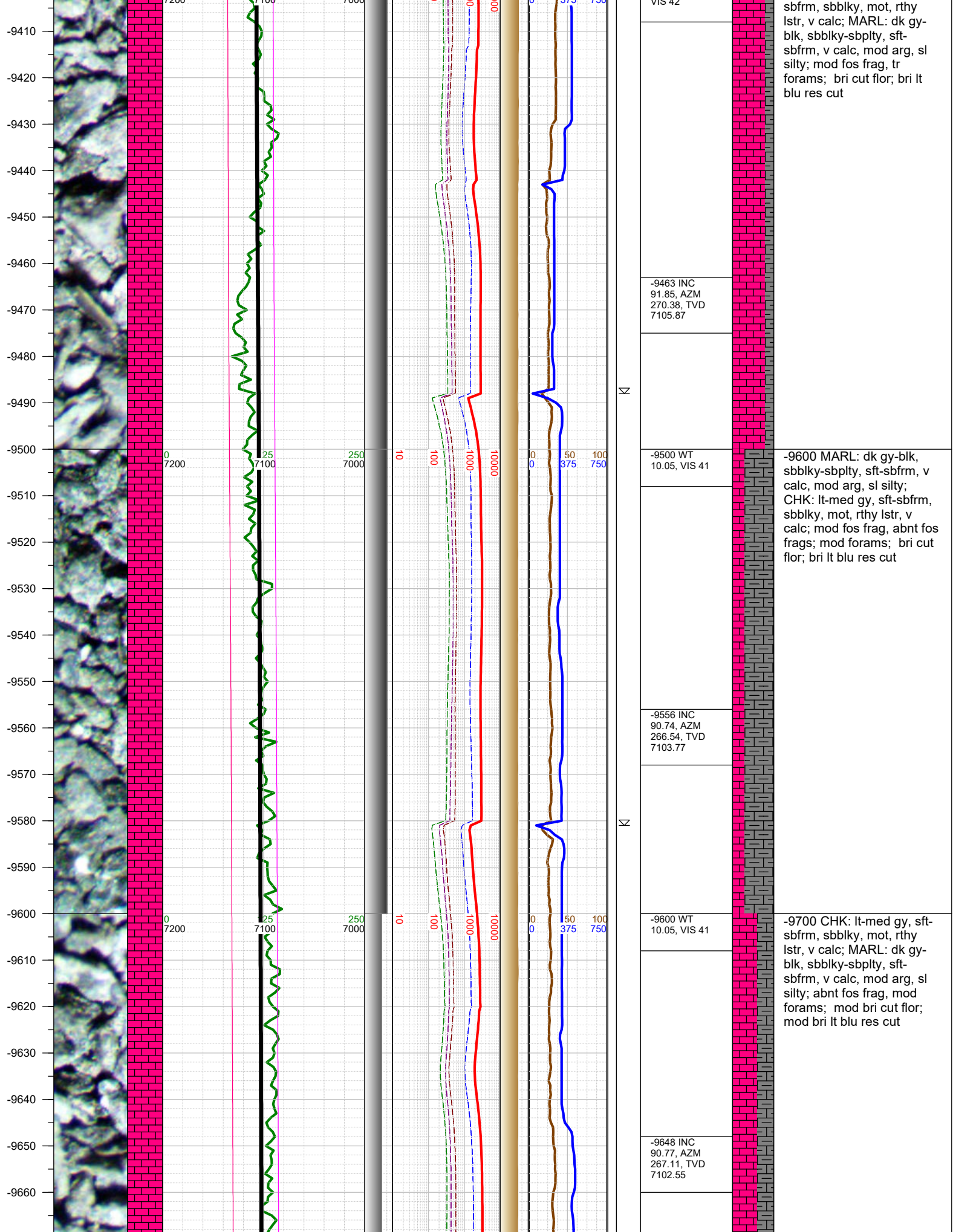


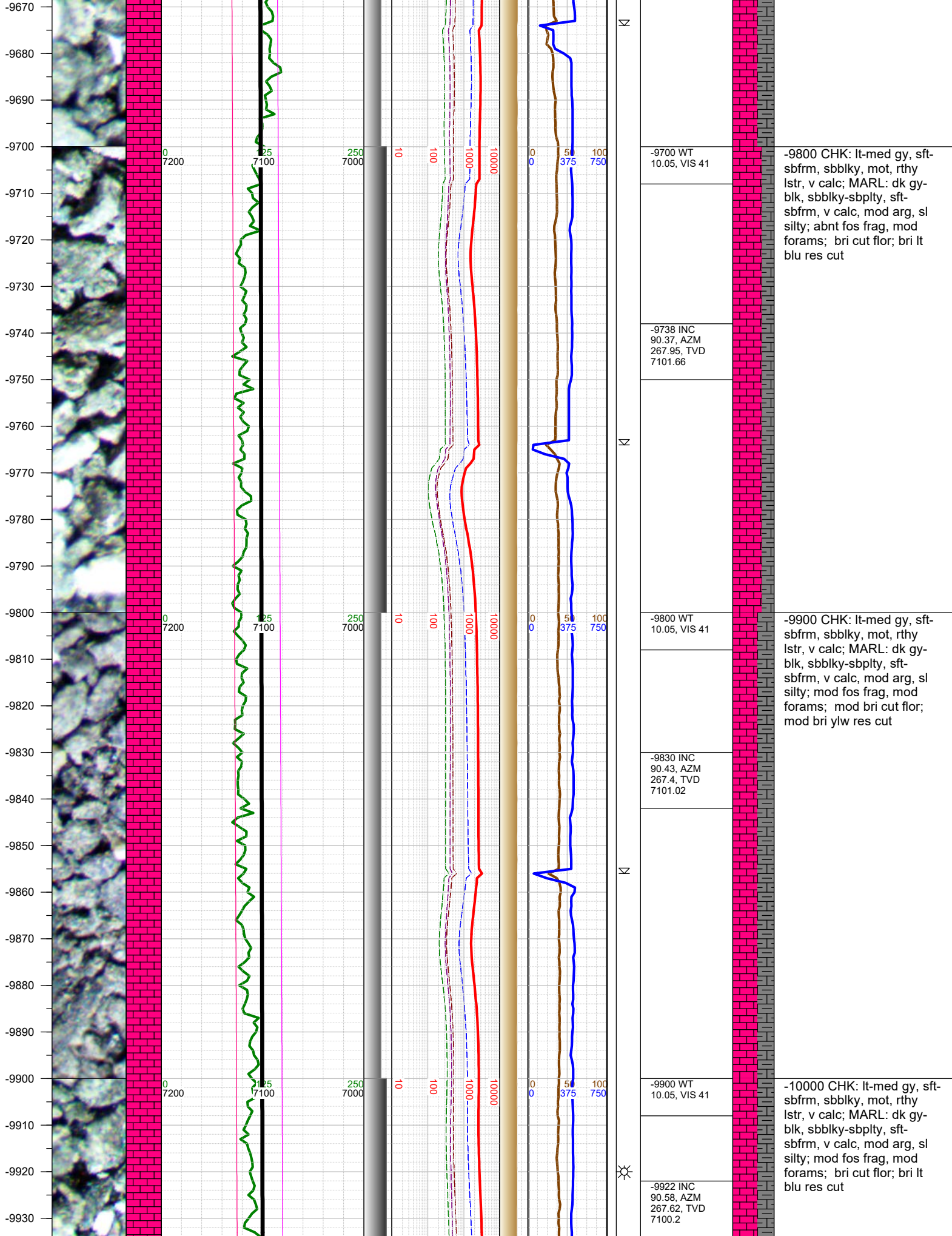


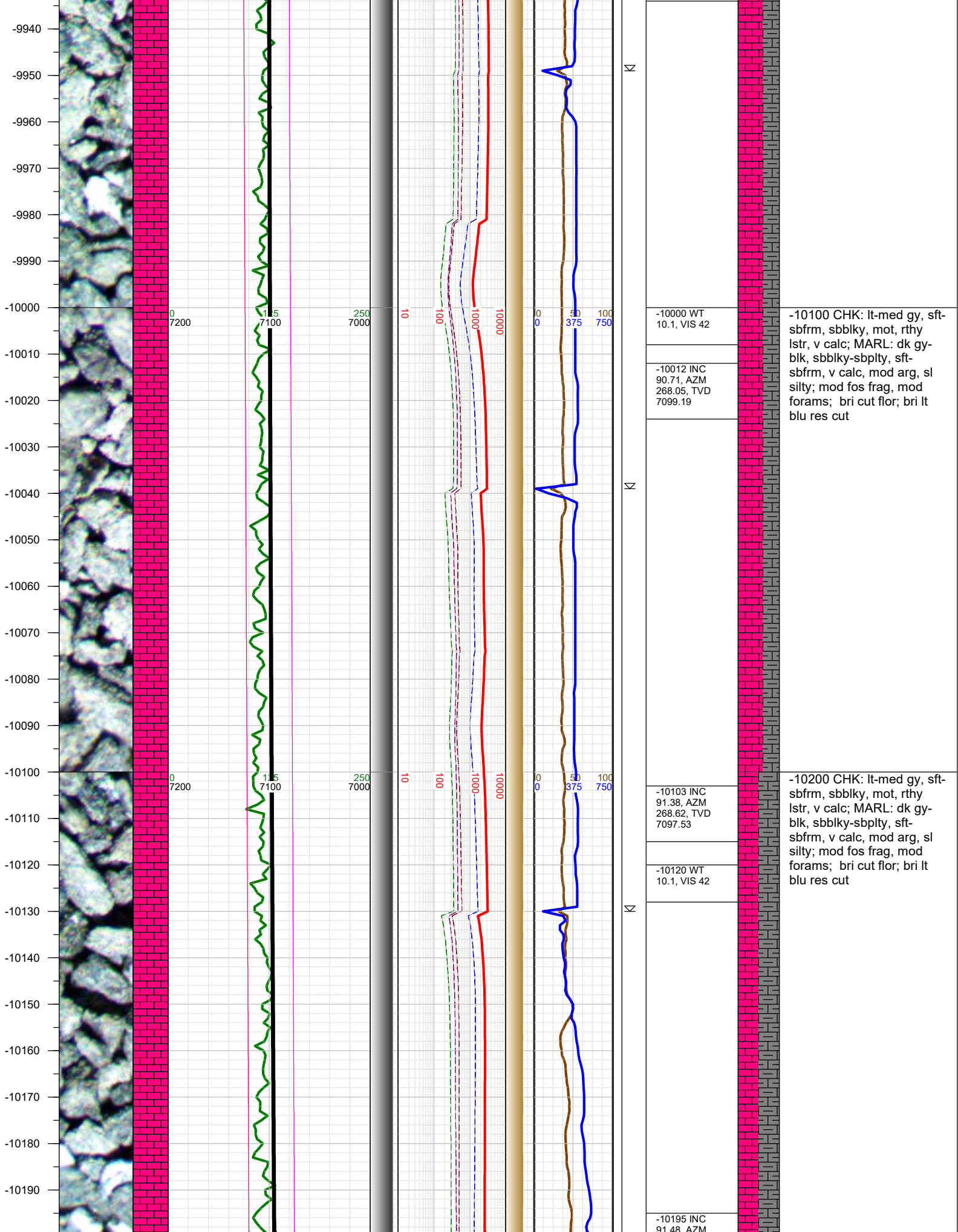


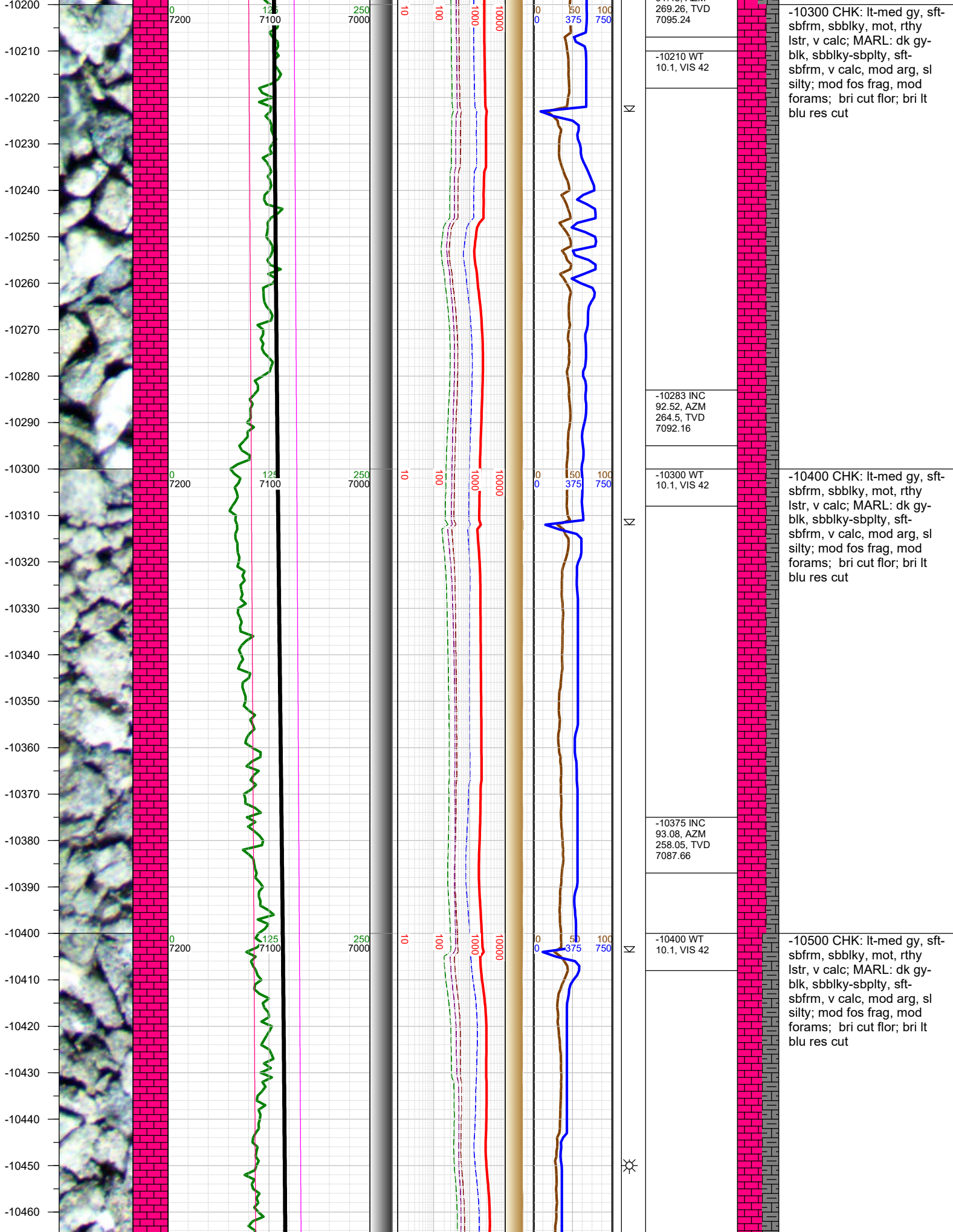


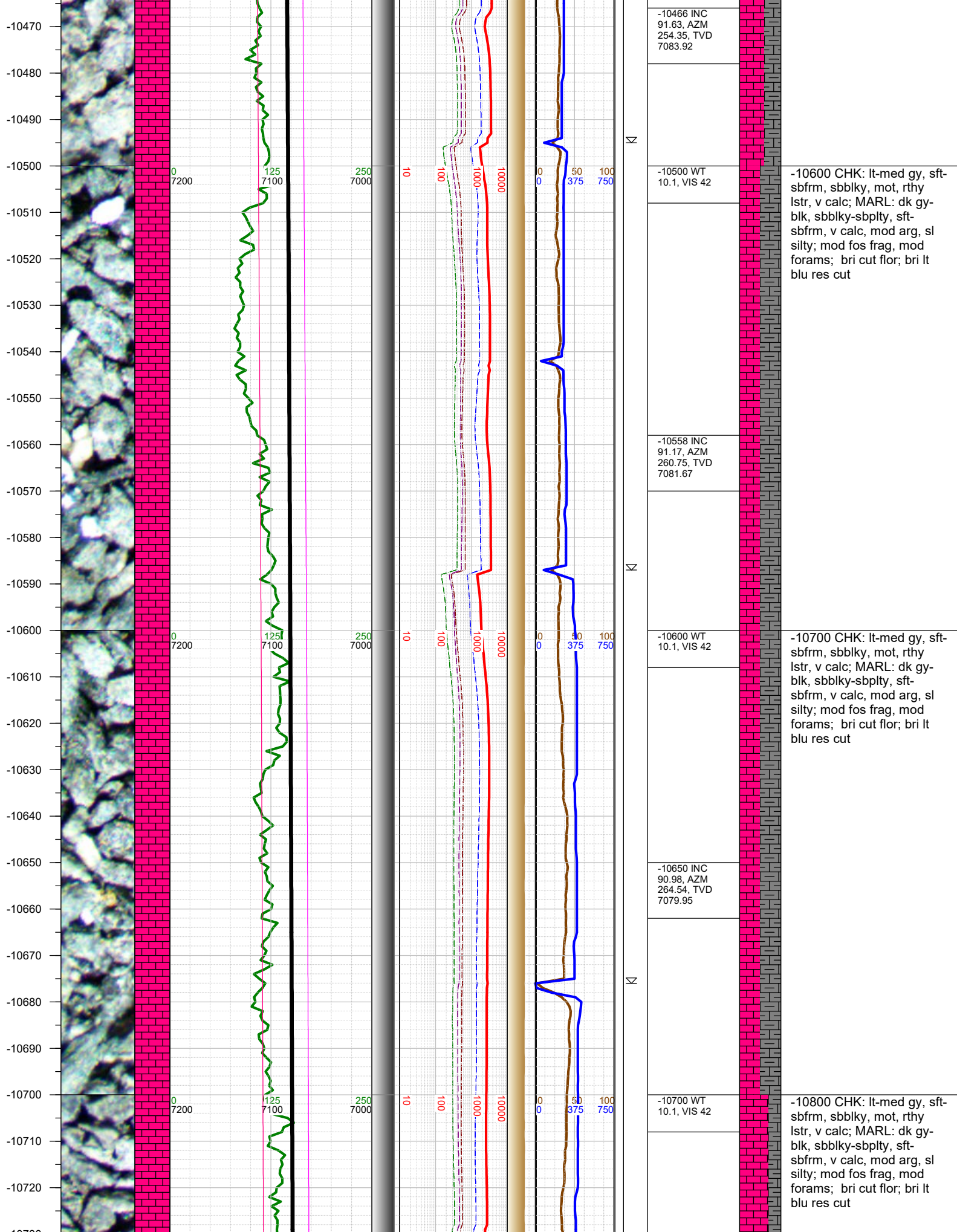


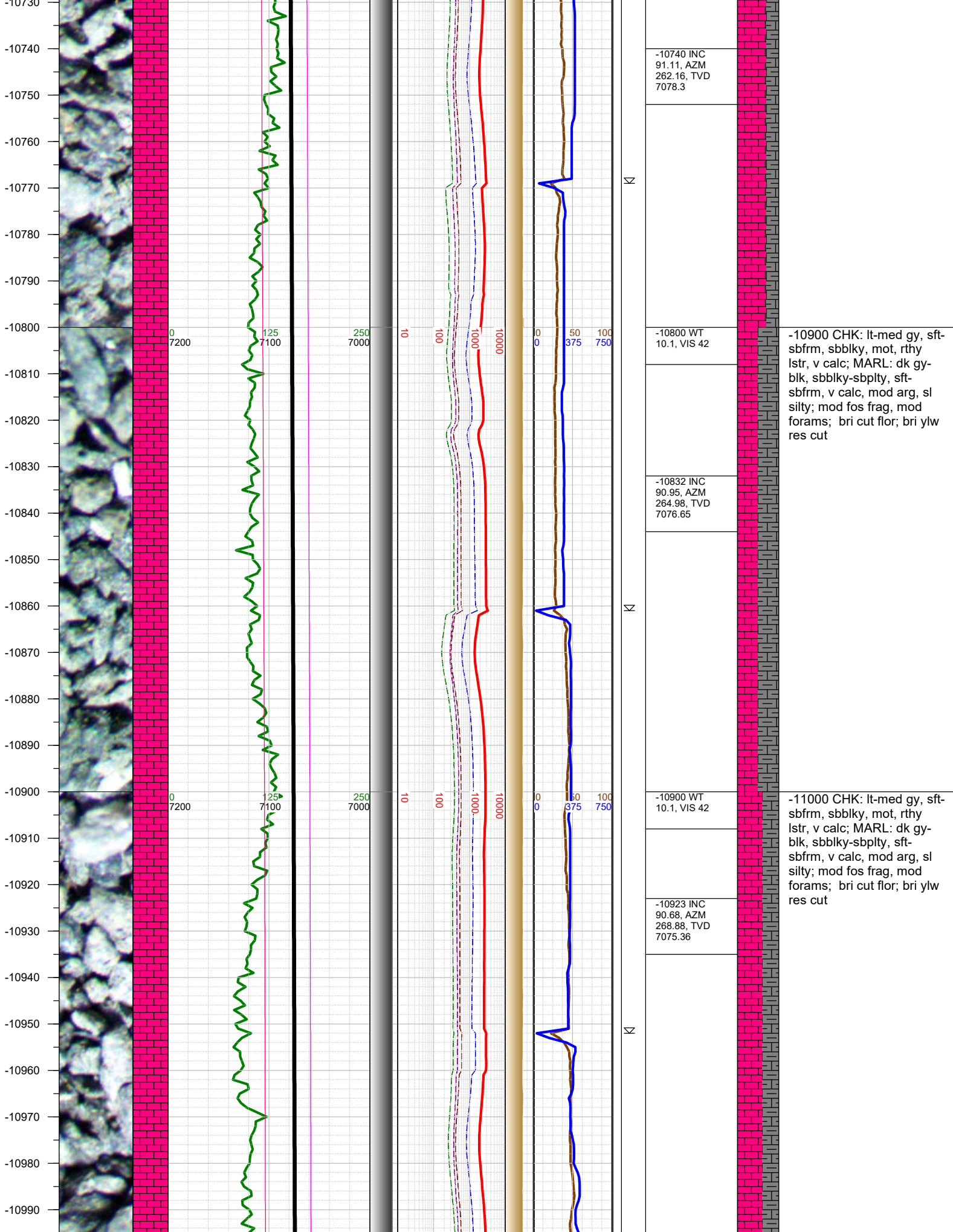






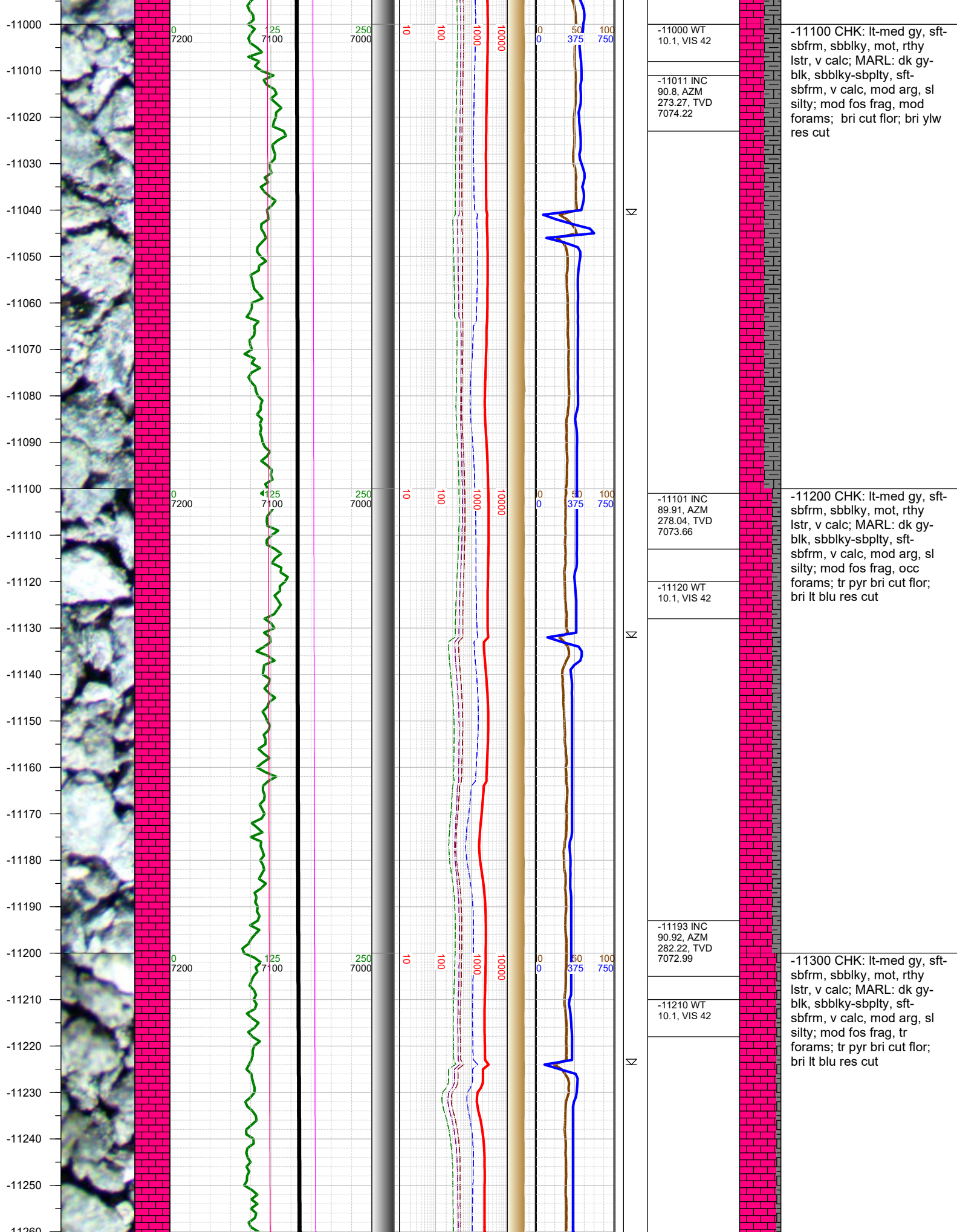


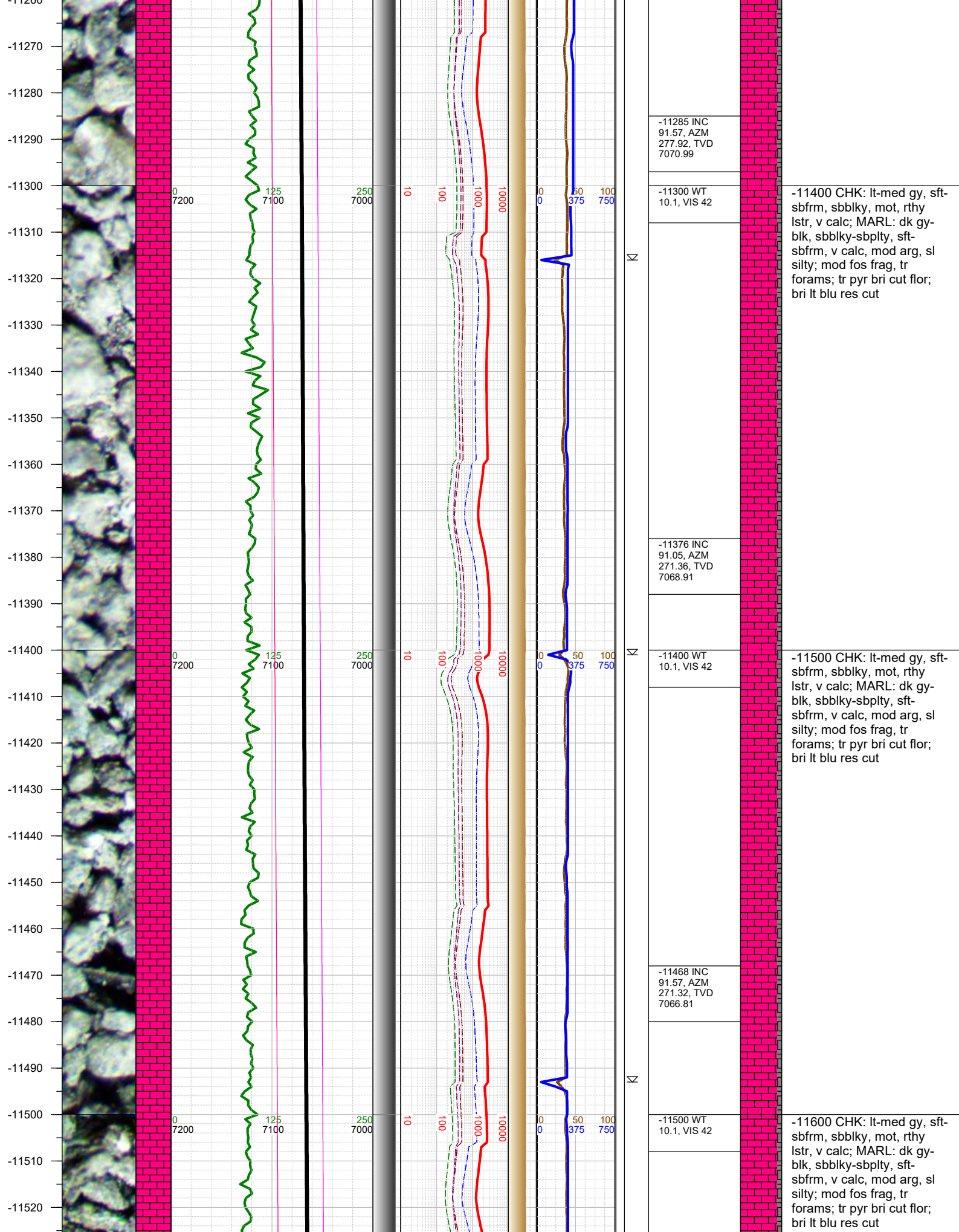


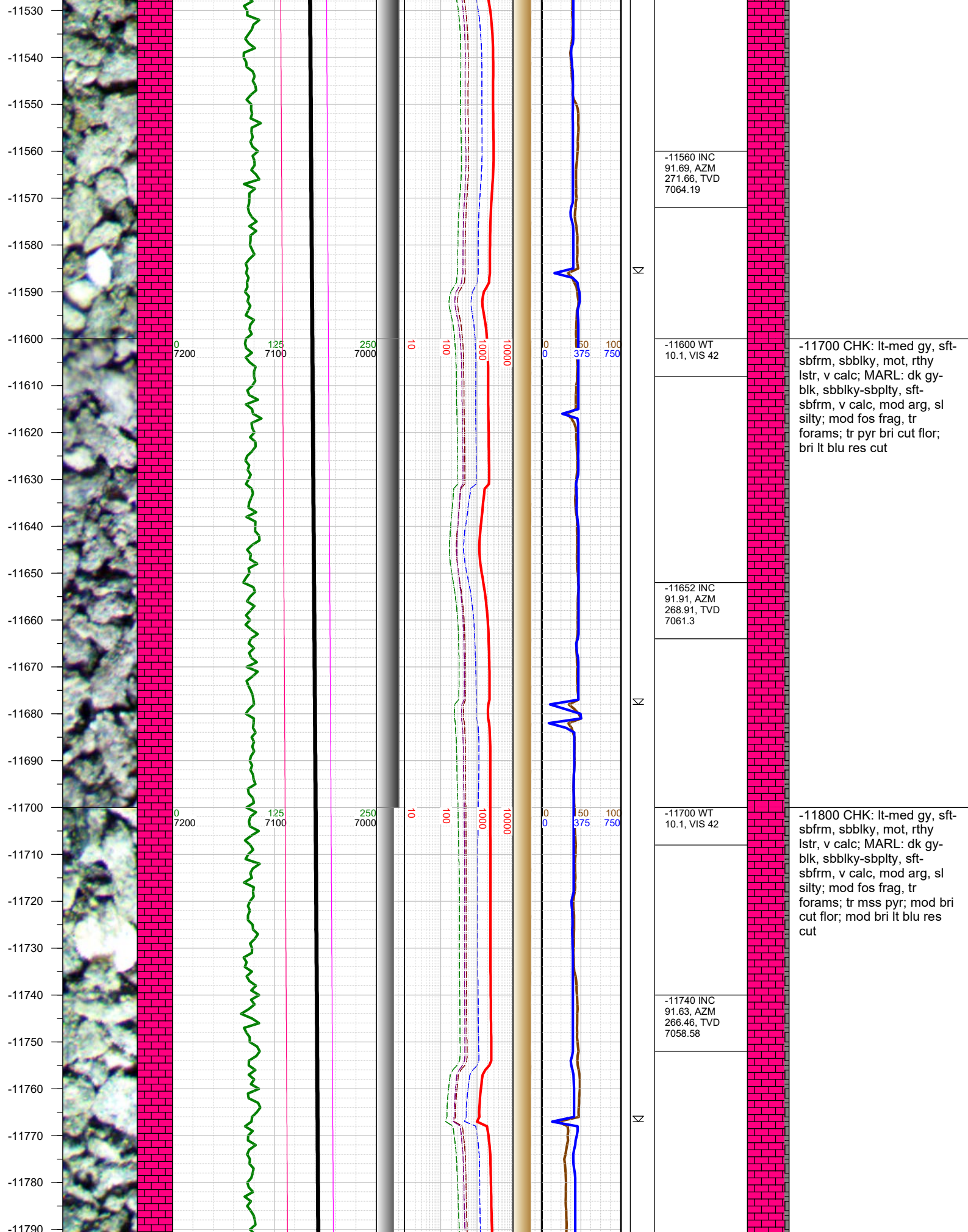


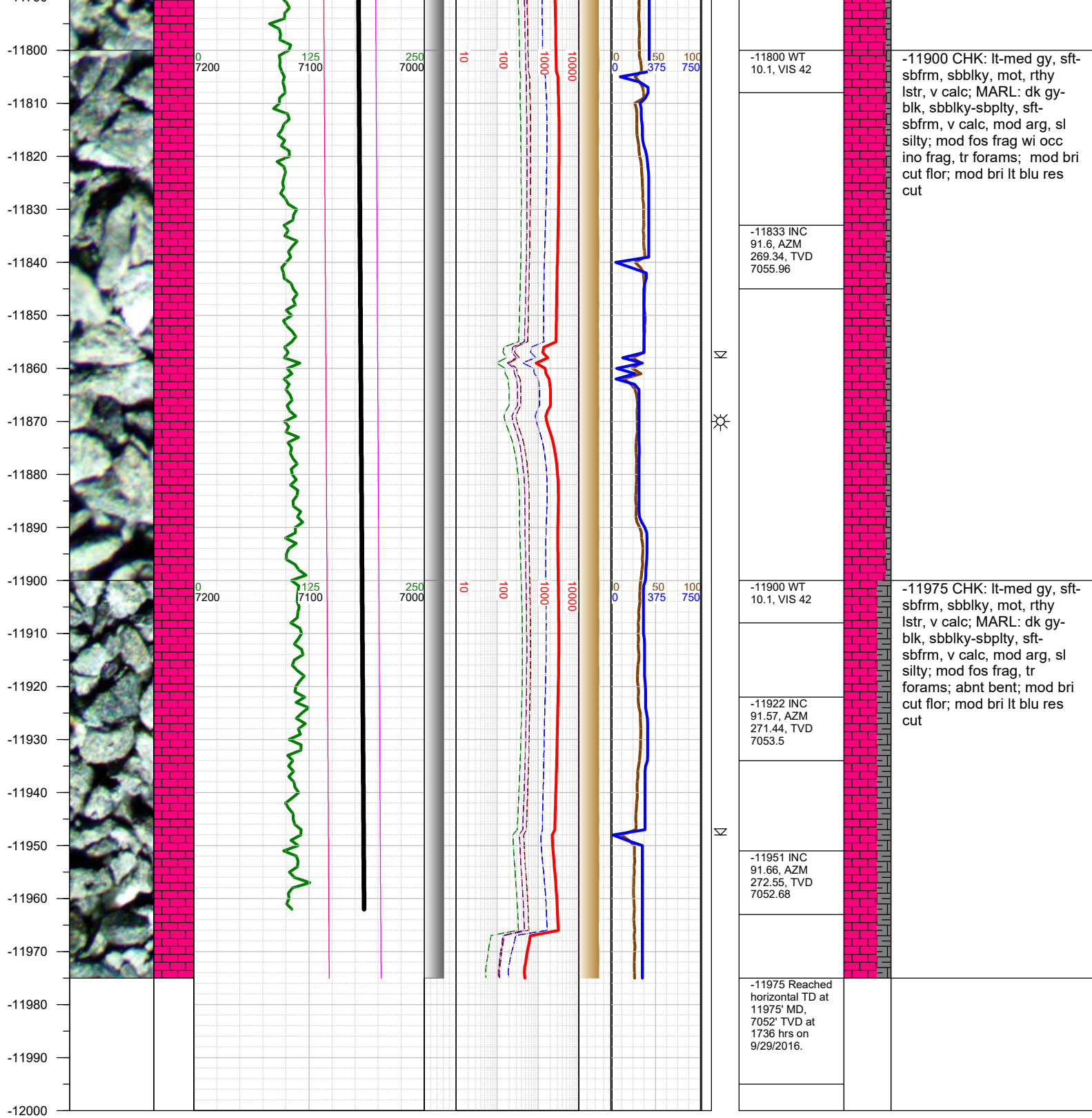
-10900 CHK: lt-med gy, sft-sbfrm, sbbiky, mot, rthy lstr, v calc; MARL: dk gy-blk, sbbiky-sbply, sft-sbfrm, v calc, mod arg, sl silty; mod fos frag, mod forams; bri cut flor; bri ylw res cut

-11000 CHK: lt-med gy, sft-sbfrm, sbbiky, mot, rthy lstr, v calc; MARL: dk gy-blk, sbbiky-sbply, sft-sbfrm, v calc, mod arg, sl silty; mod fos frag, mod forams; bri cut flor; bri ylw res cut









TOTAL DEPTH = 11975'

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