

OPERATOR: **Cub Creek Energy**

WELL NAME: **Markham 7**

FIELD NAME: DJ Basin - Wattenberg

DRILLING RIG: Xtreme 18

API #: 05-123-43245

LAT/LONG: 40.26889, -105.02313

SURFACE HOLE: NWSE S32-T4N-R68W, 2421' FSL, 1516' FEL

BOTTOM HOLE: NWSW S32-T4N-R68W, 1485' FSL, 460' FWL

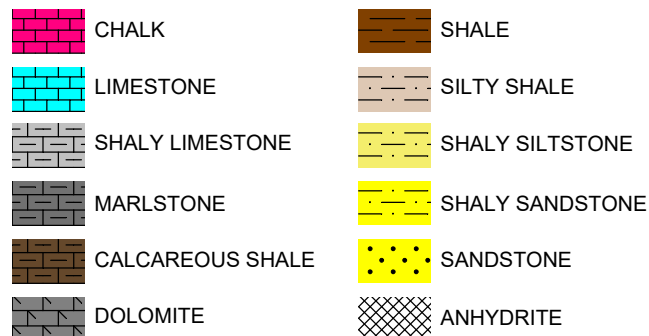


Earth Science Agency, LLC

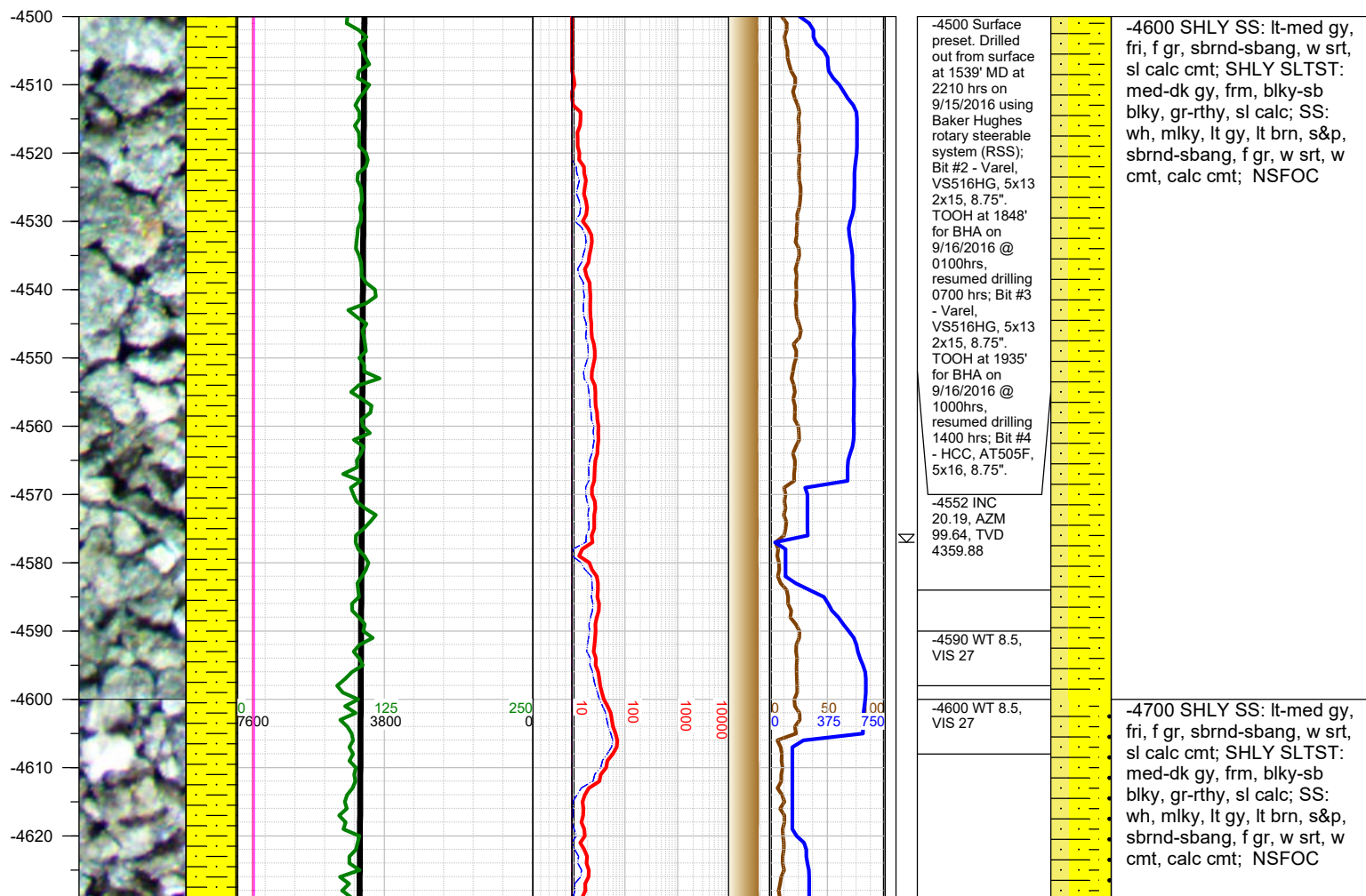
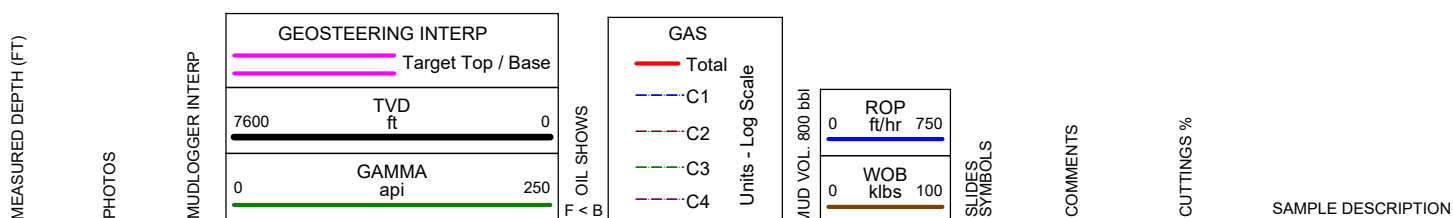
COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 5041'
KELLY BUSHING: 5058'
DRILLING FLUID: WBM
TVD VS. MD: 7065' / 12030'
SPUD DATE: September 15, 2016
TD DATE: September 19, 2016

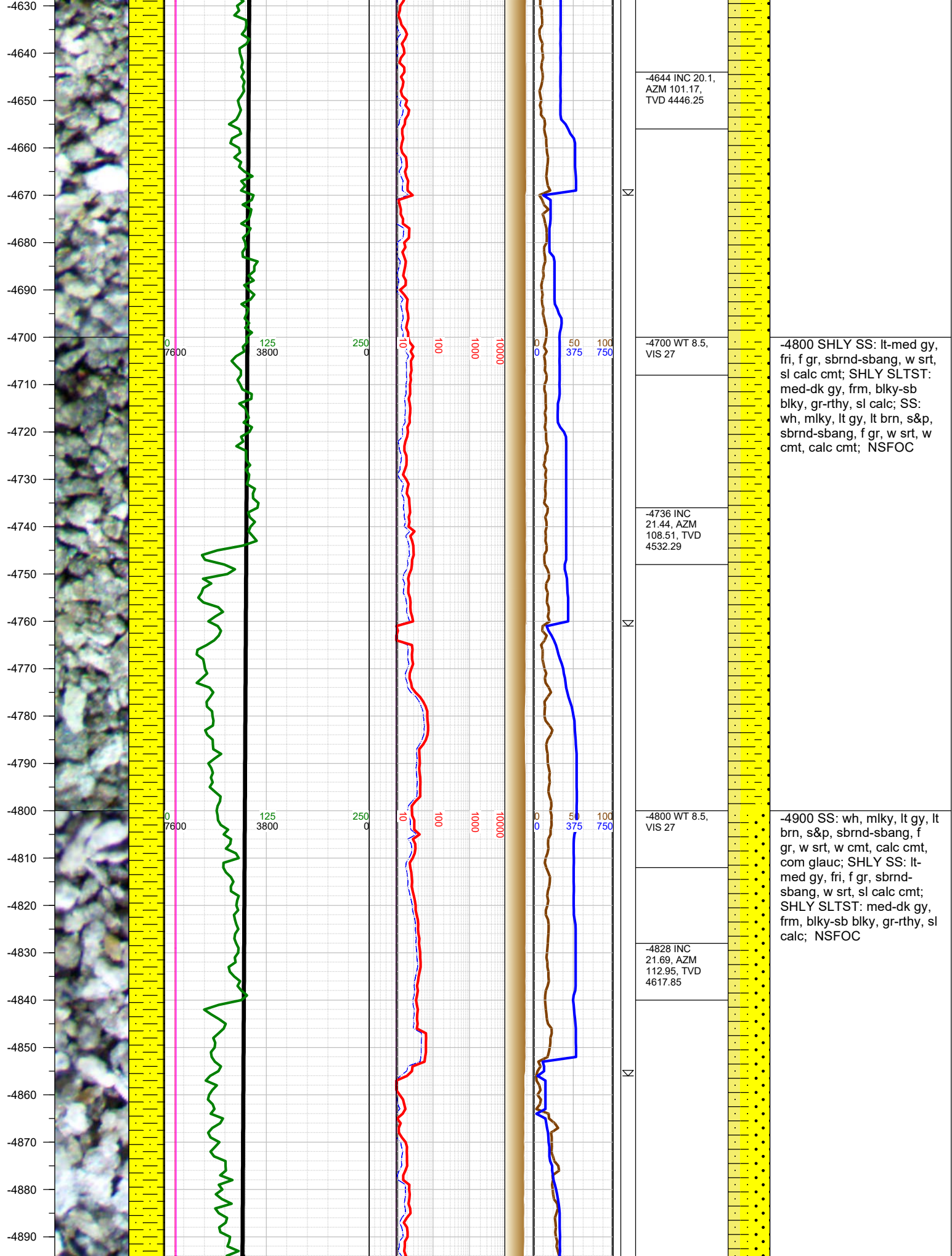
DEPTHS LOGGED: 4500' - 12030'
DATES LOGGED: September 16, 2016 - September 19, 2016
GEOLOGISTS: Blue Spikes, Ari Berland
SCALE: 5" = 100'

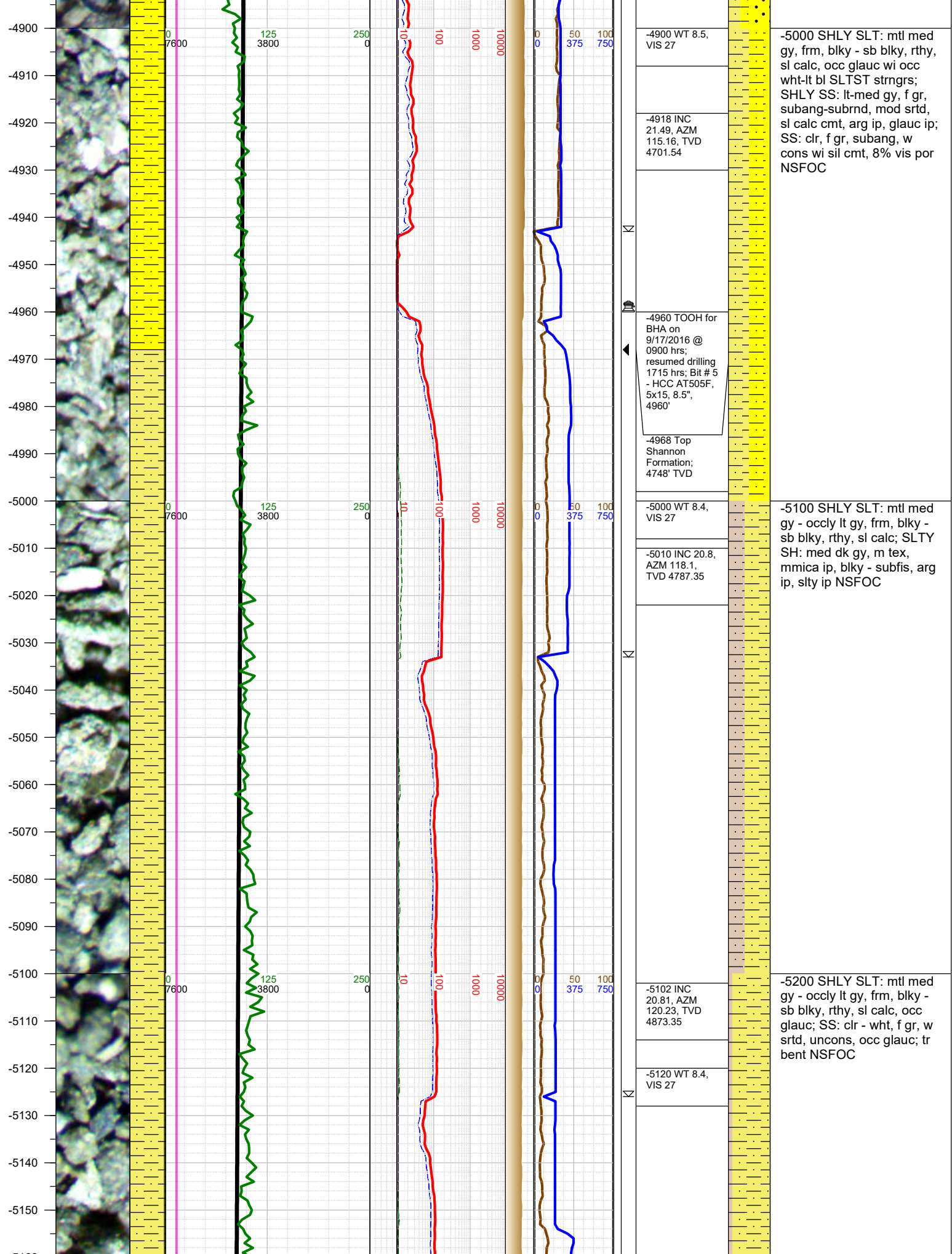
LEGEND

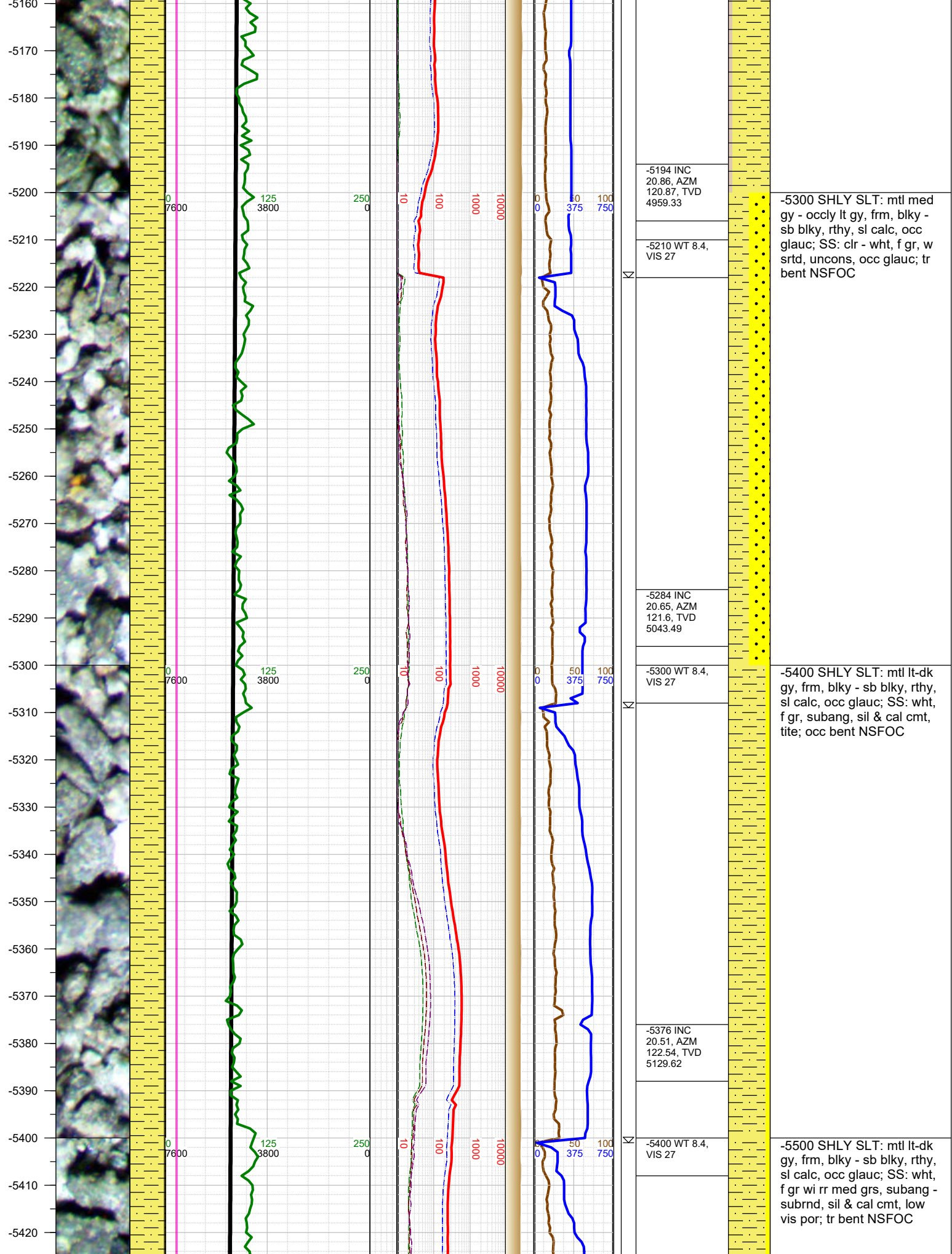


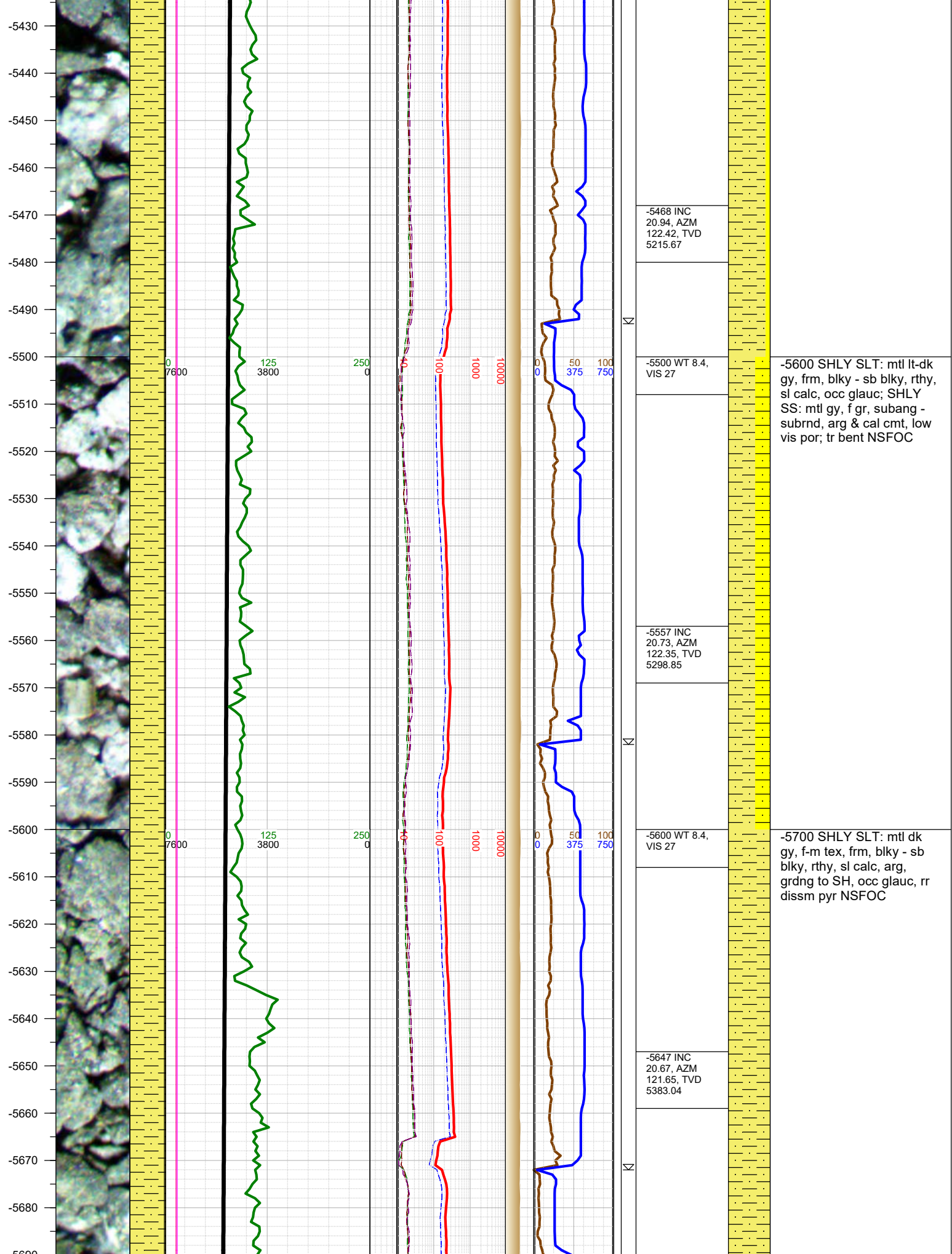
FORMATION CONNECTION MIDNIGHT NEW BIT GAS SHOW FAULT

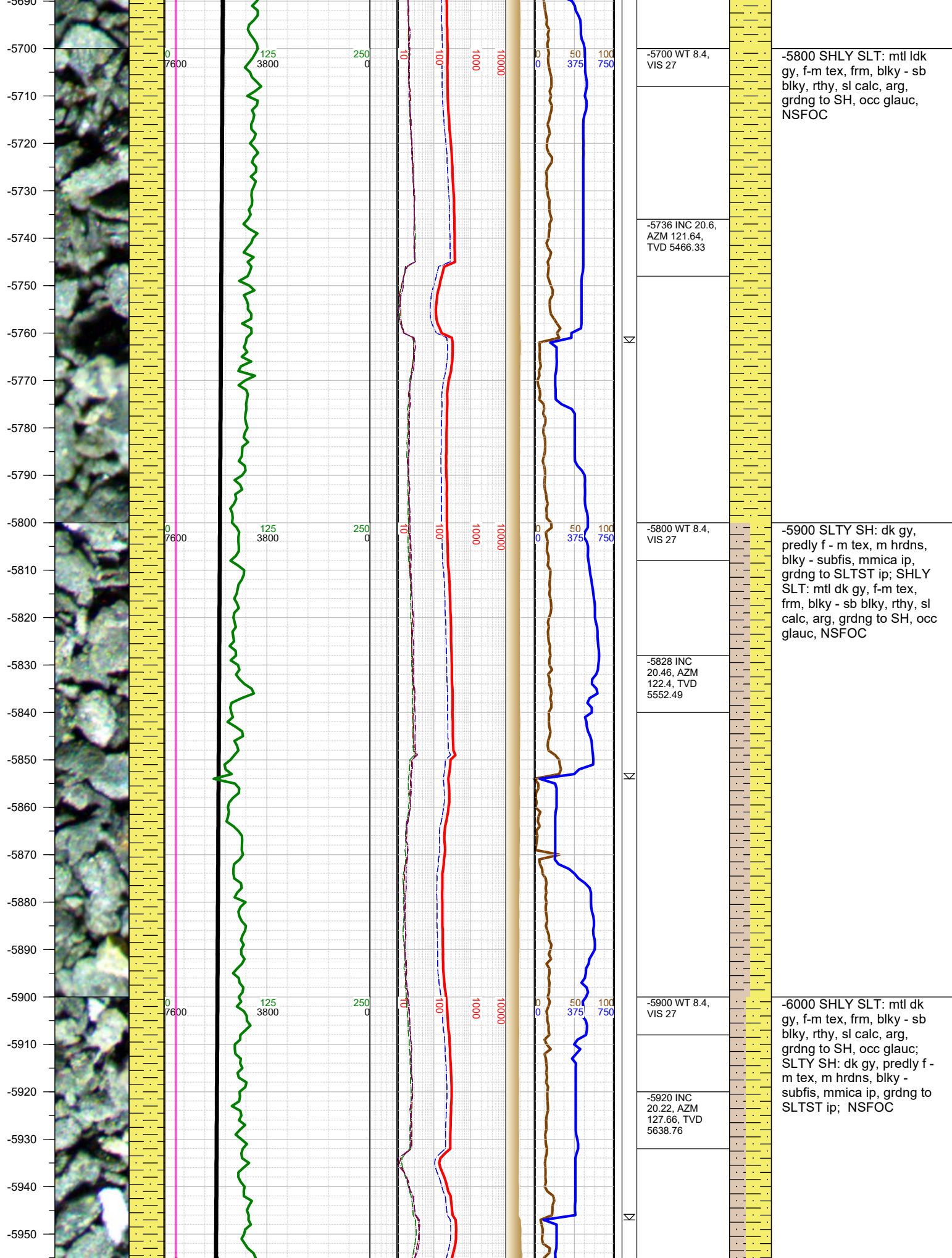


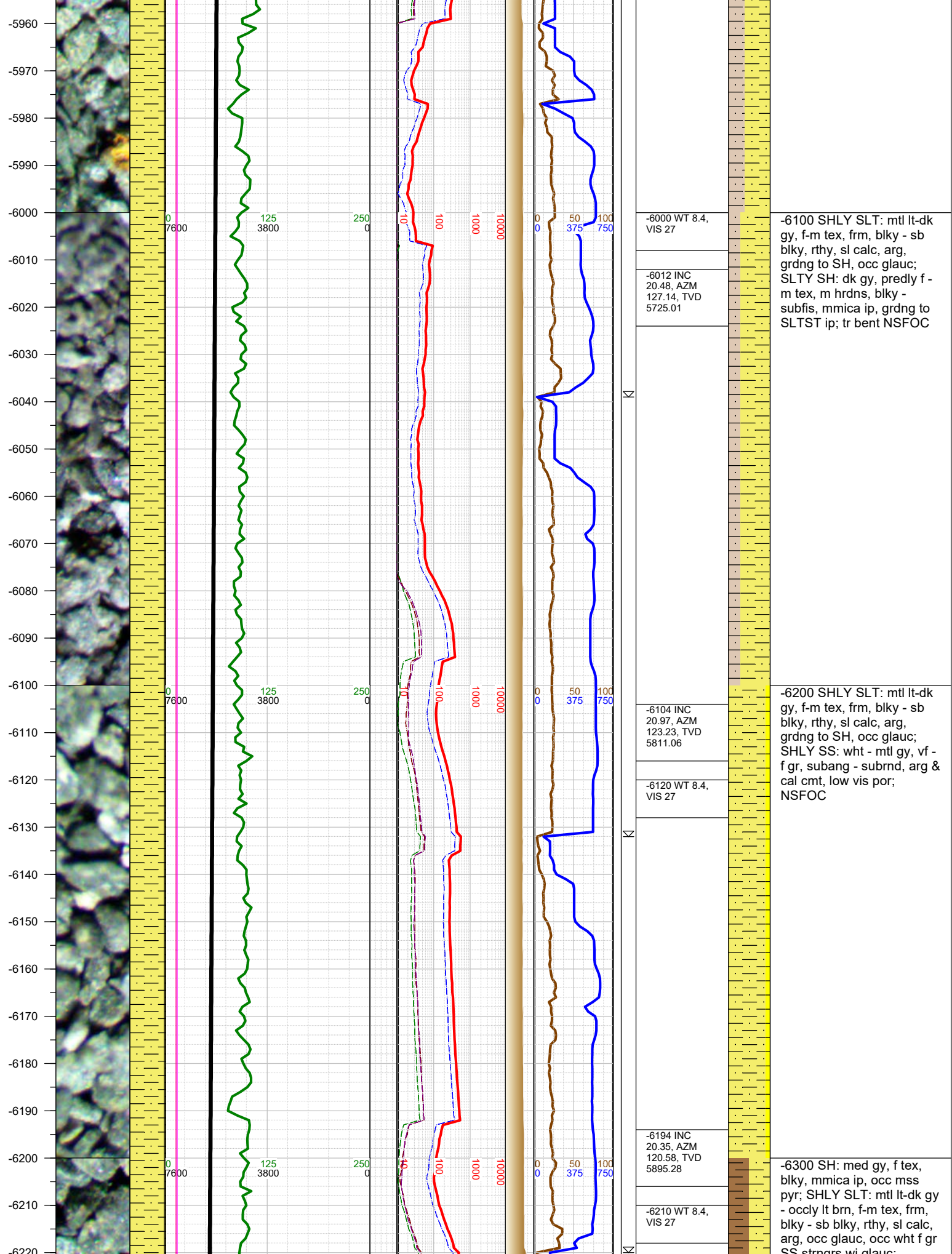


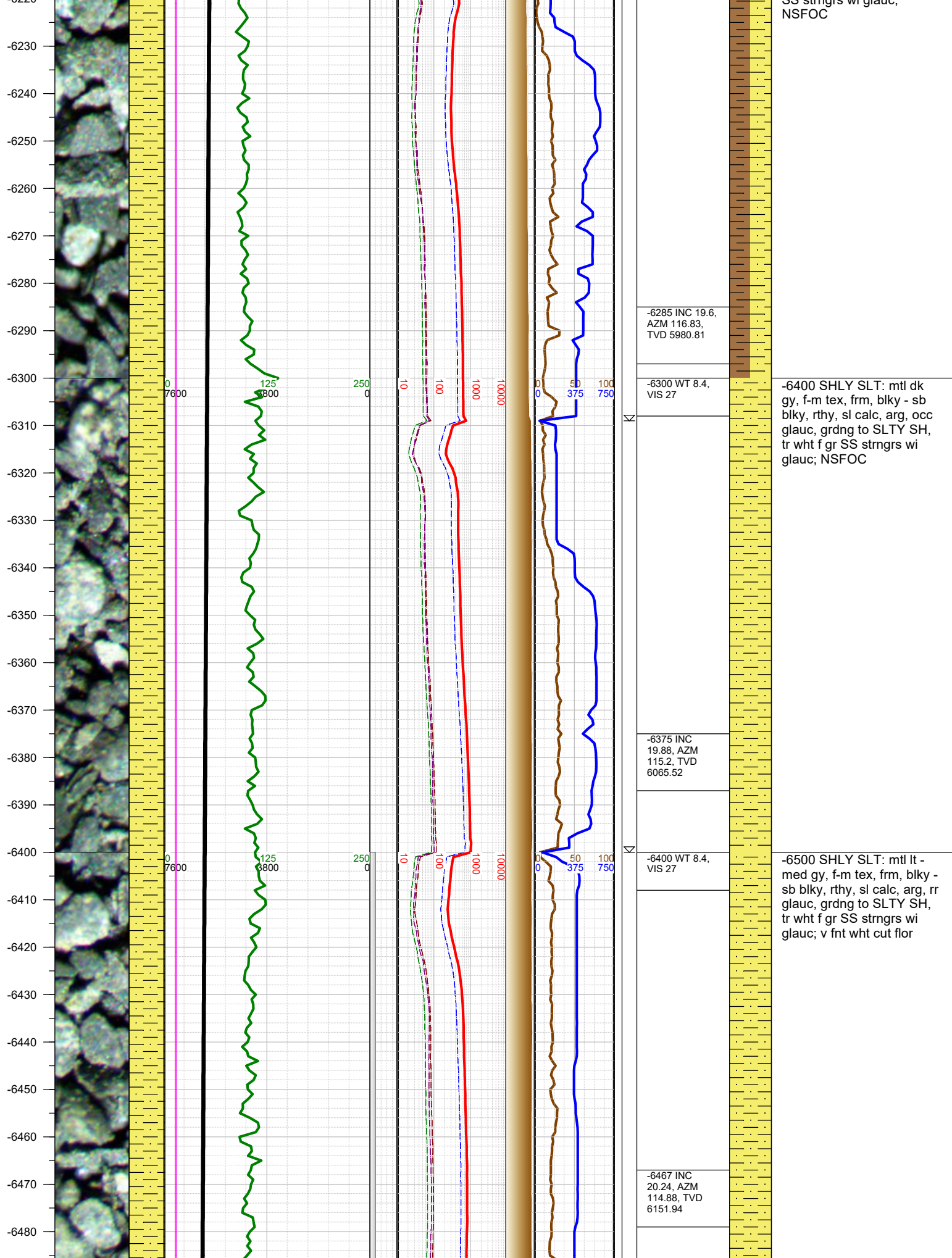


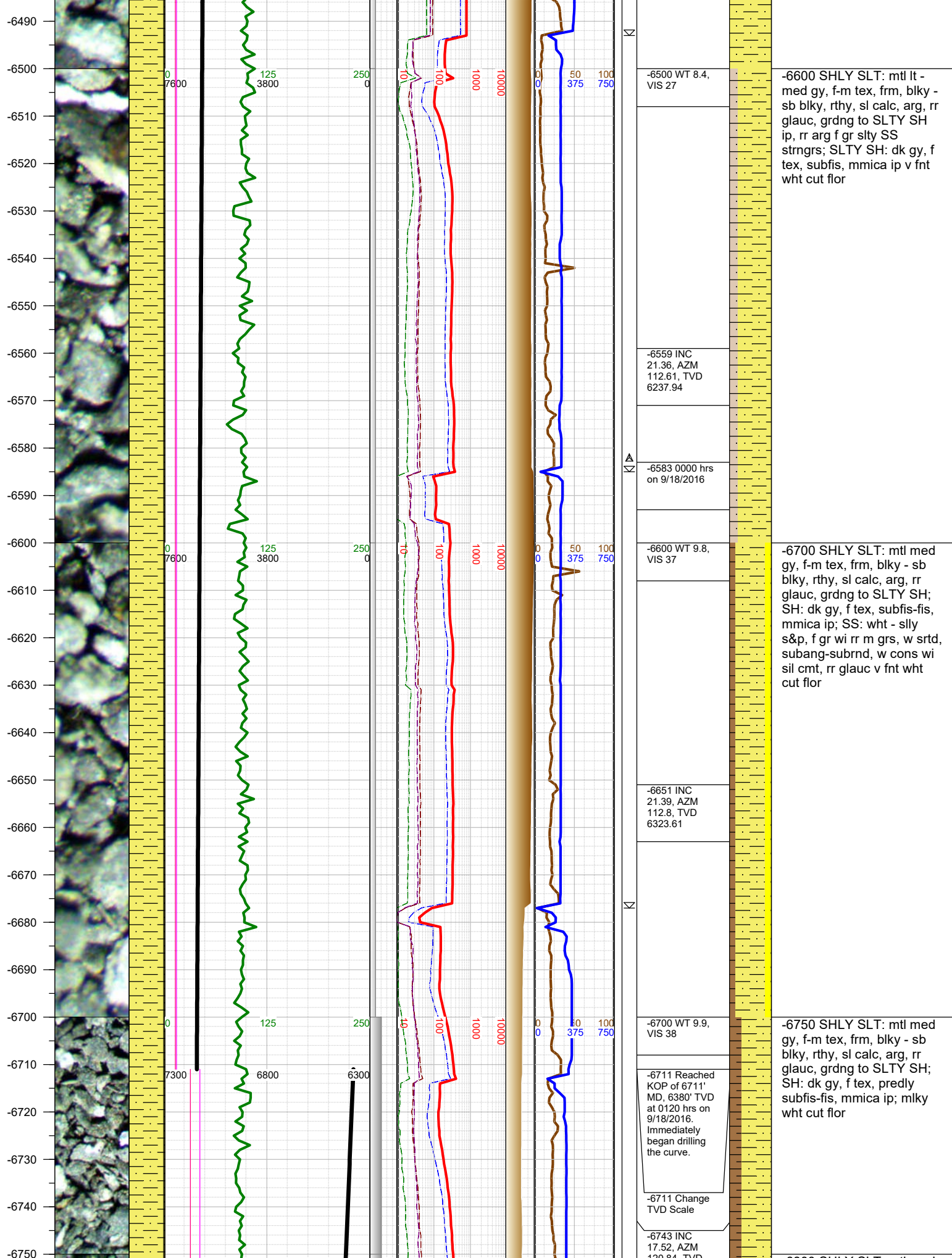


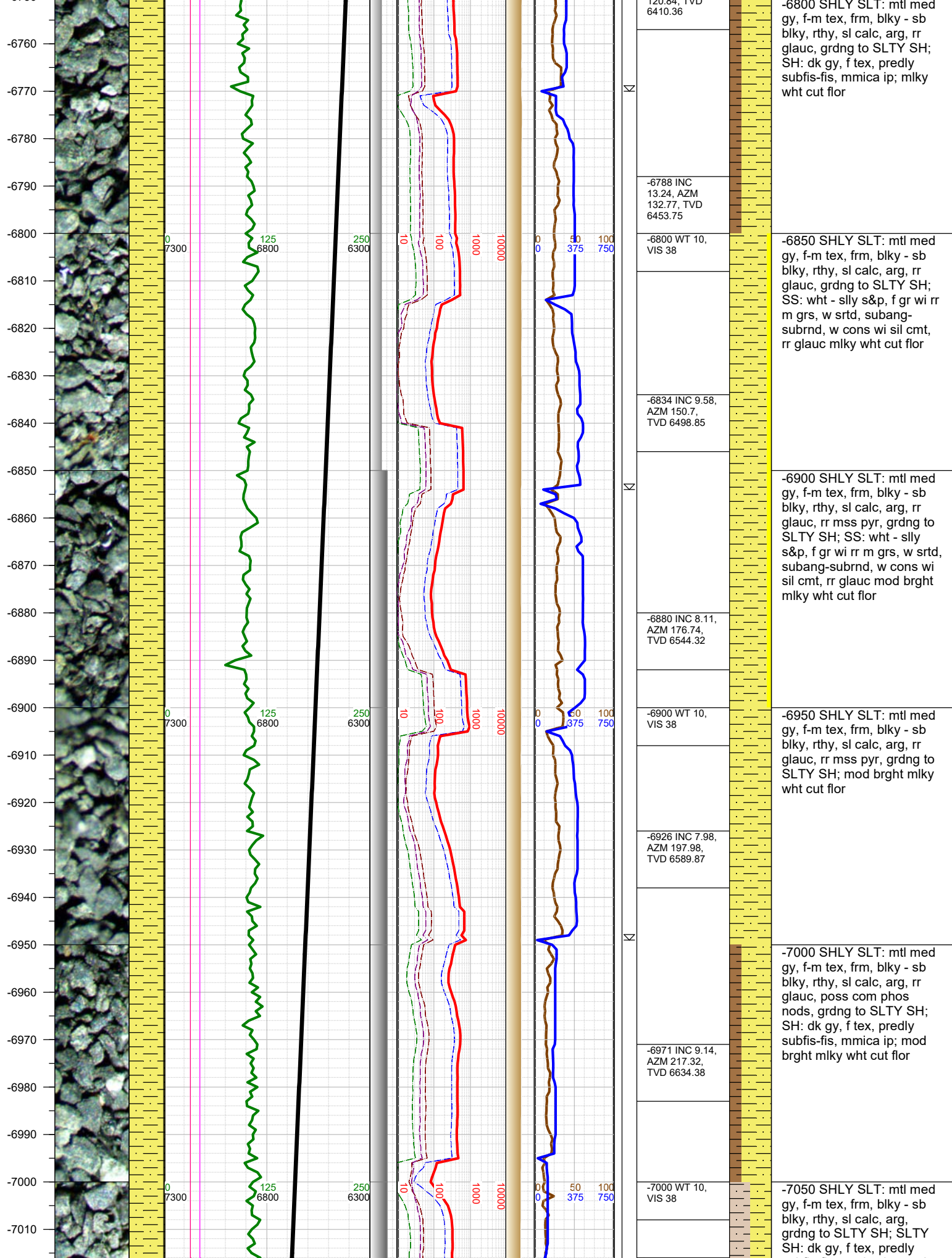


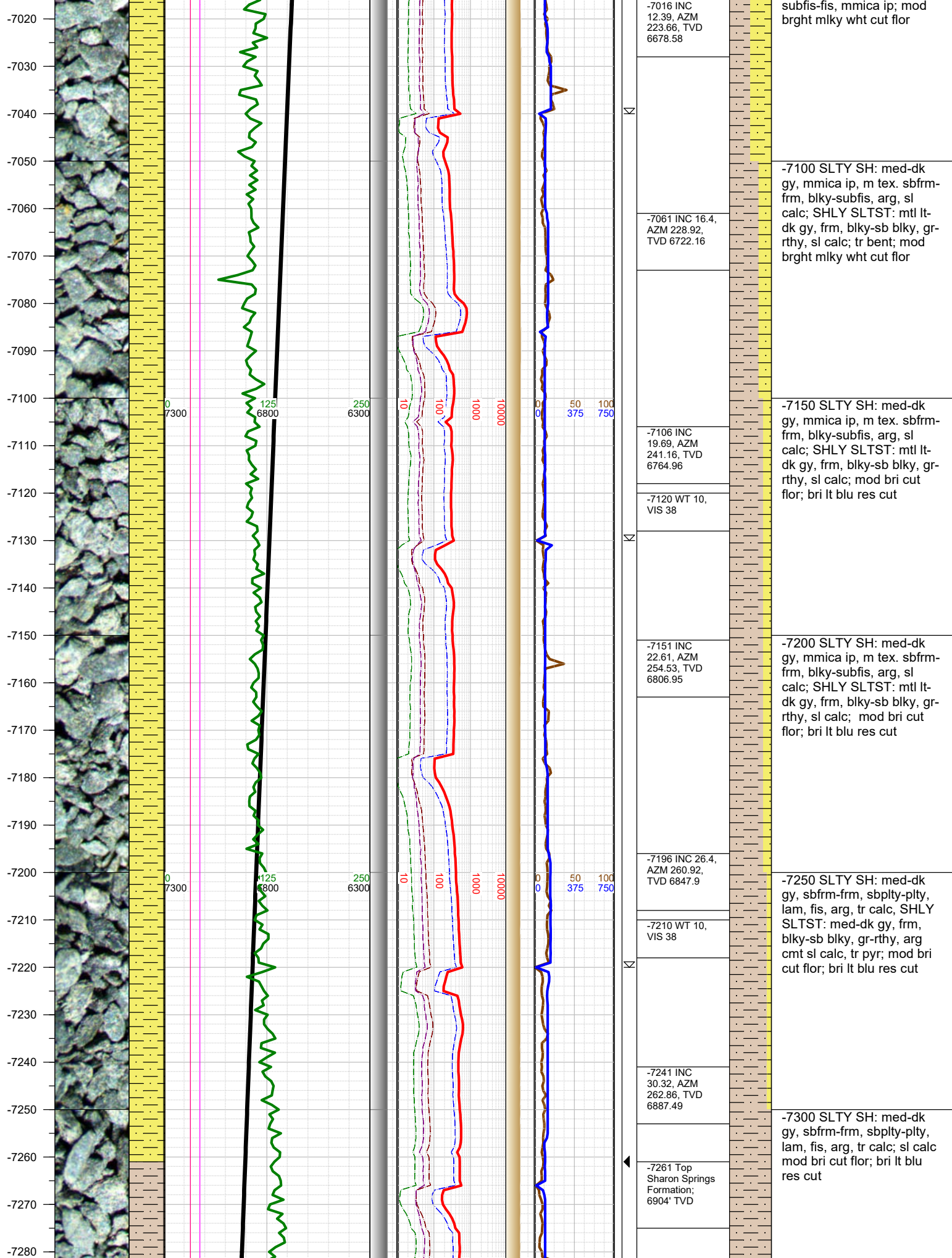


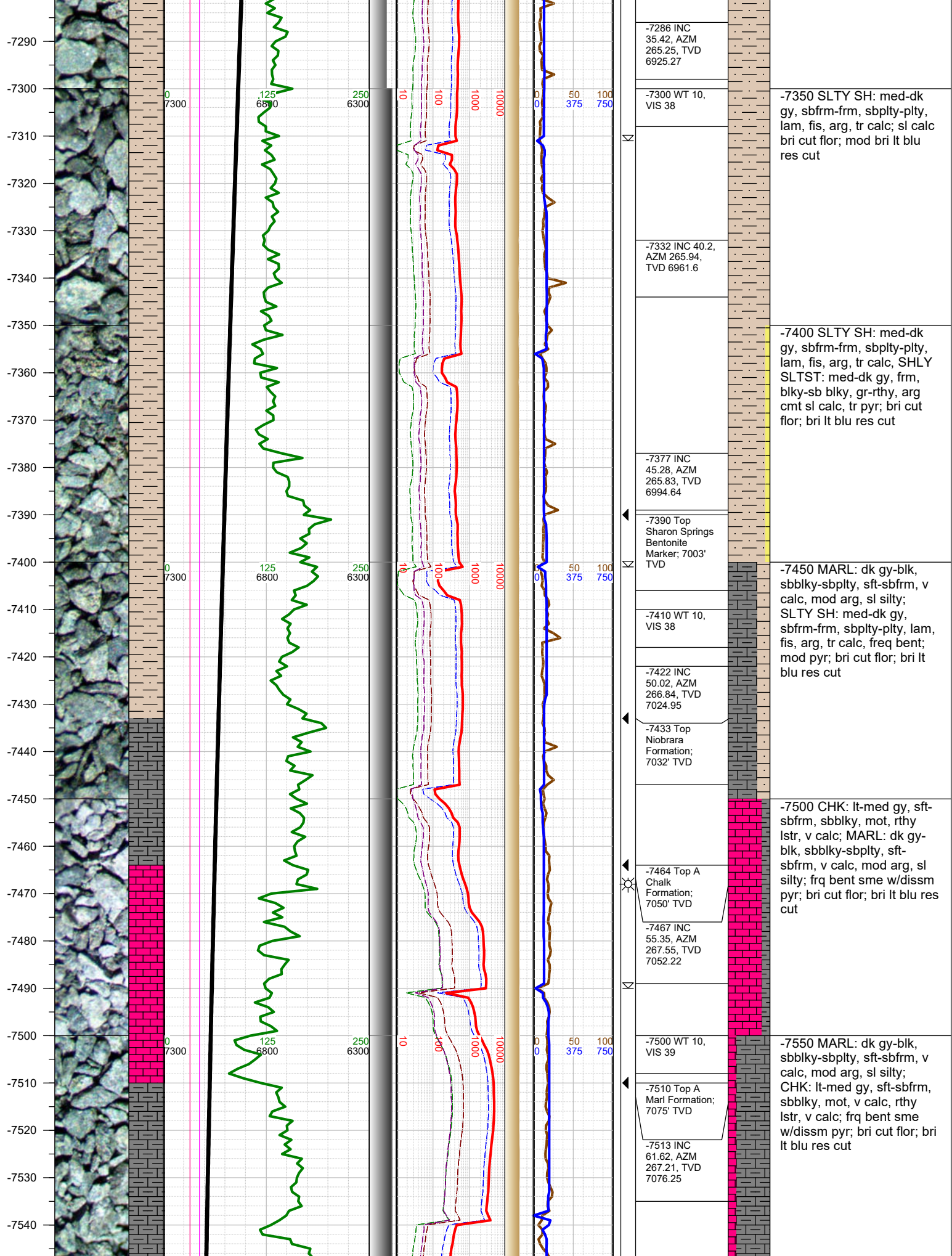


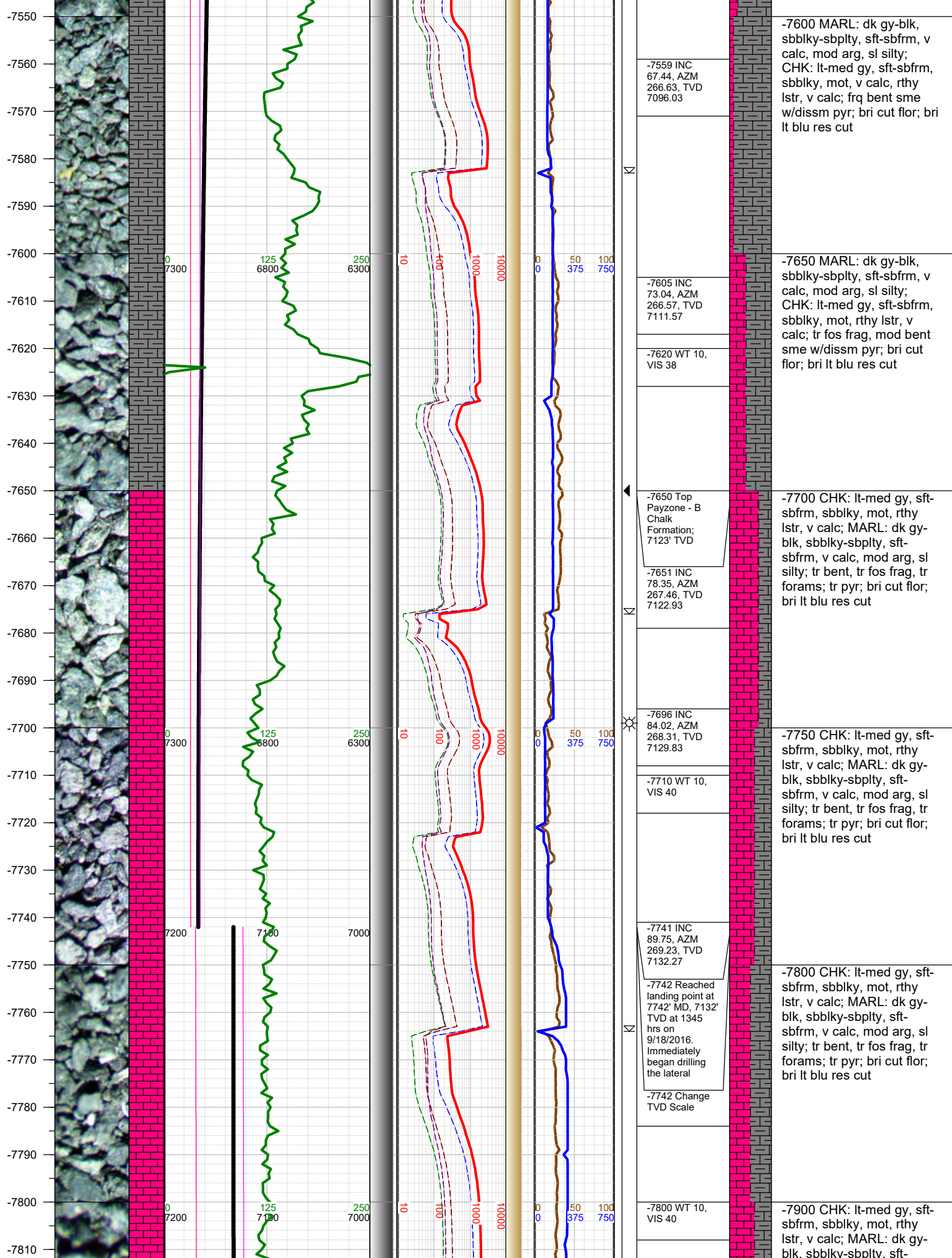


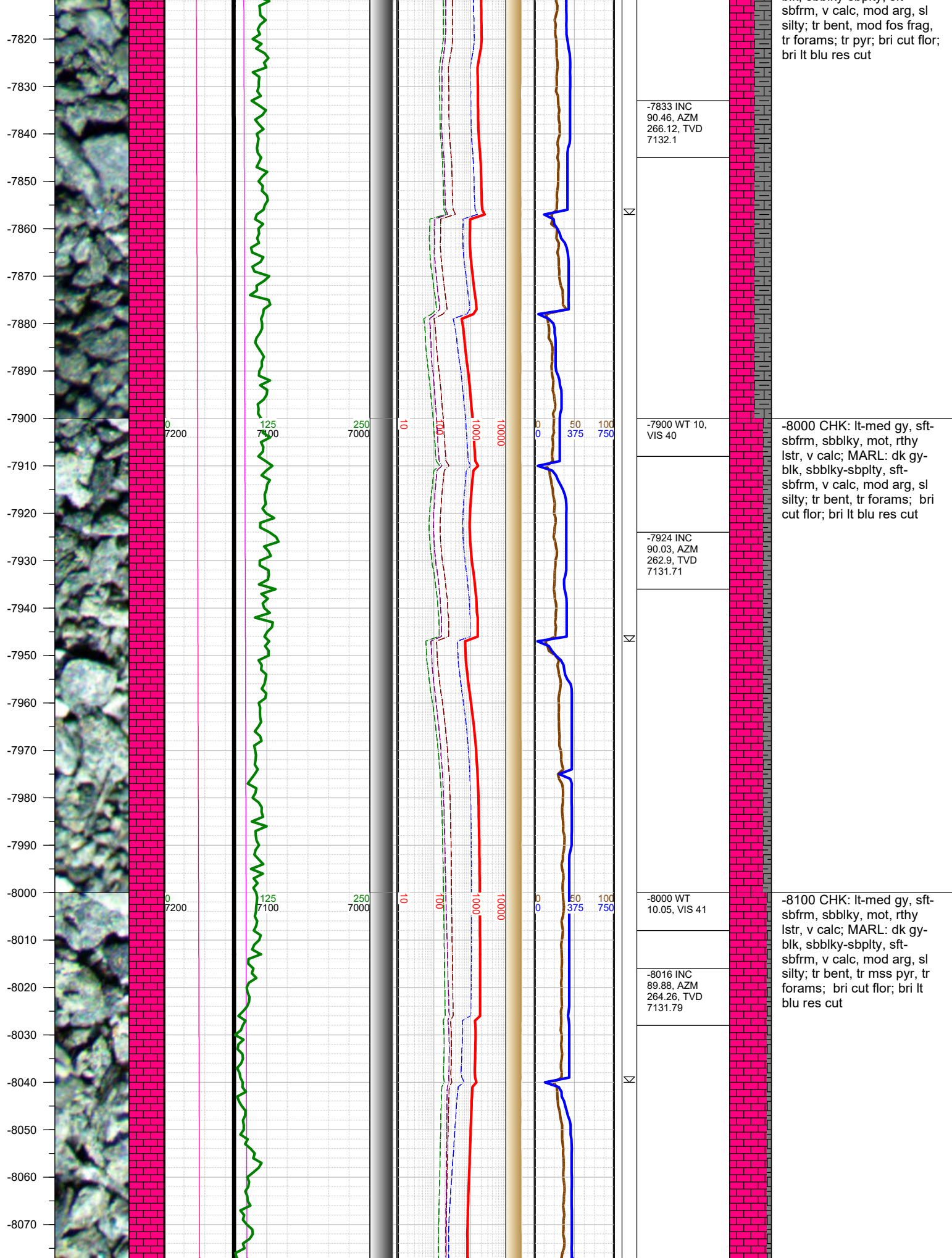








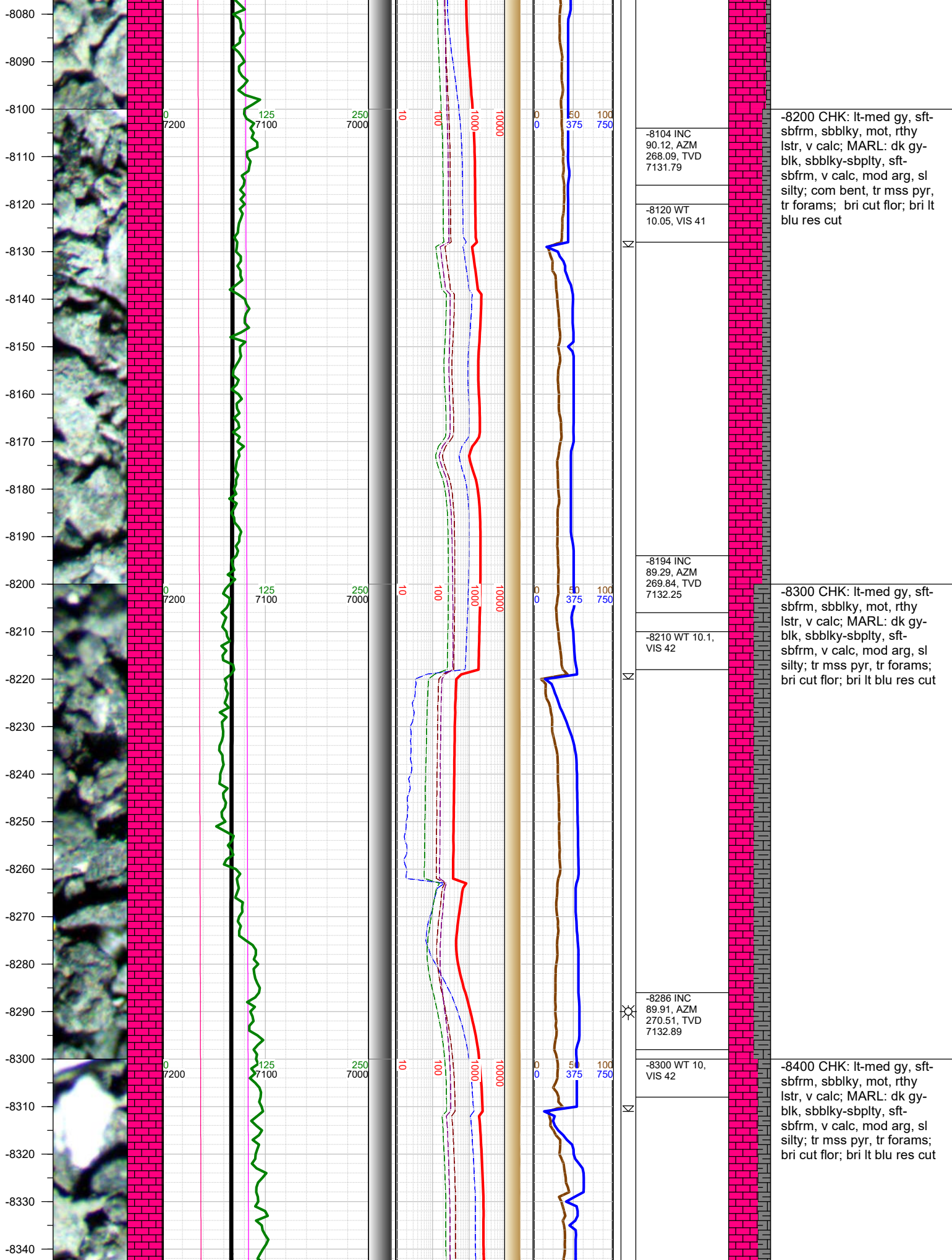


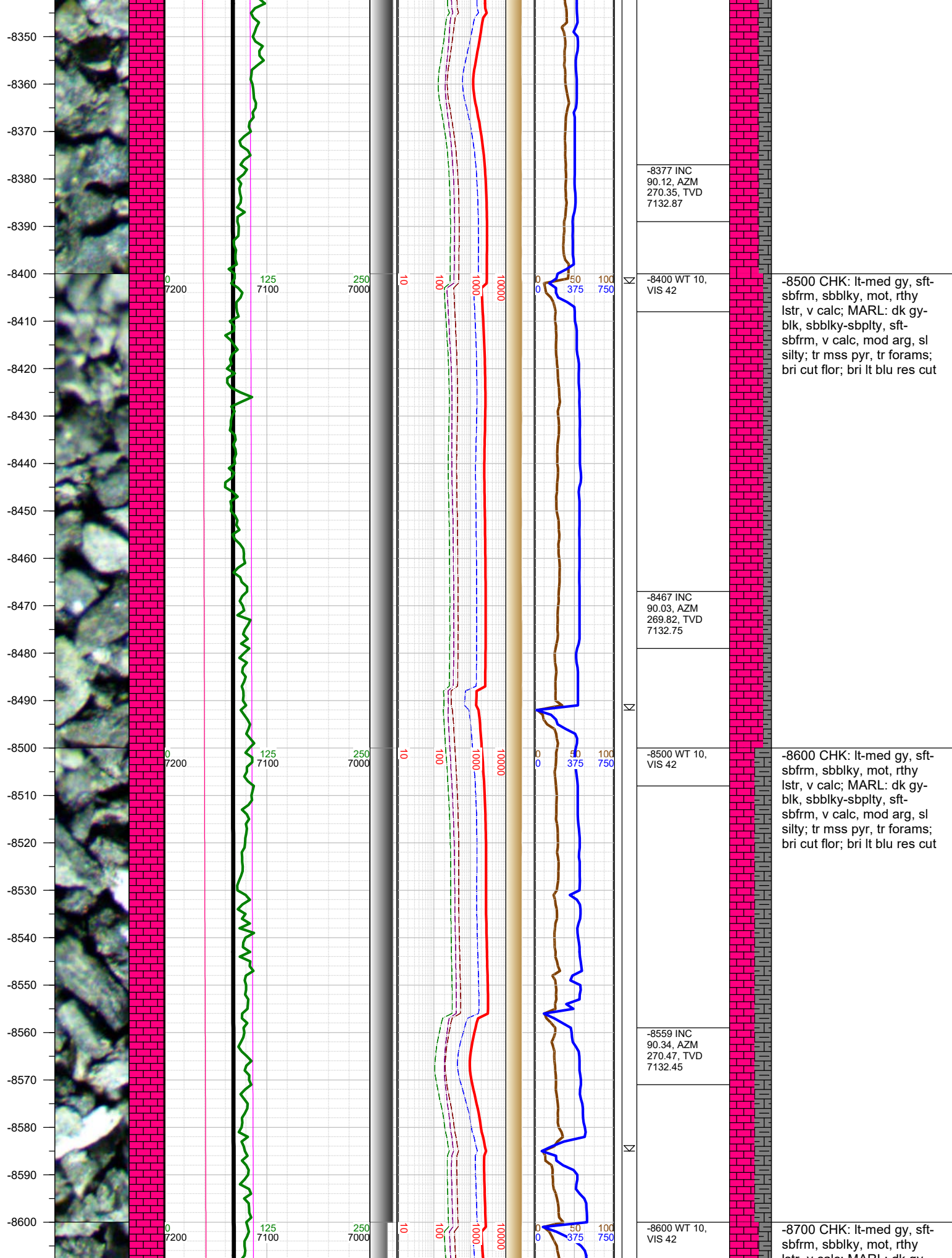


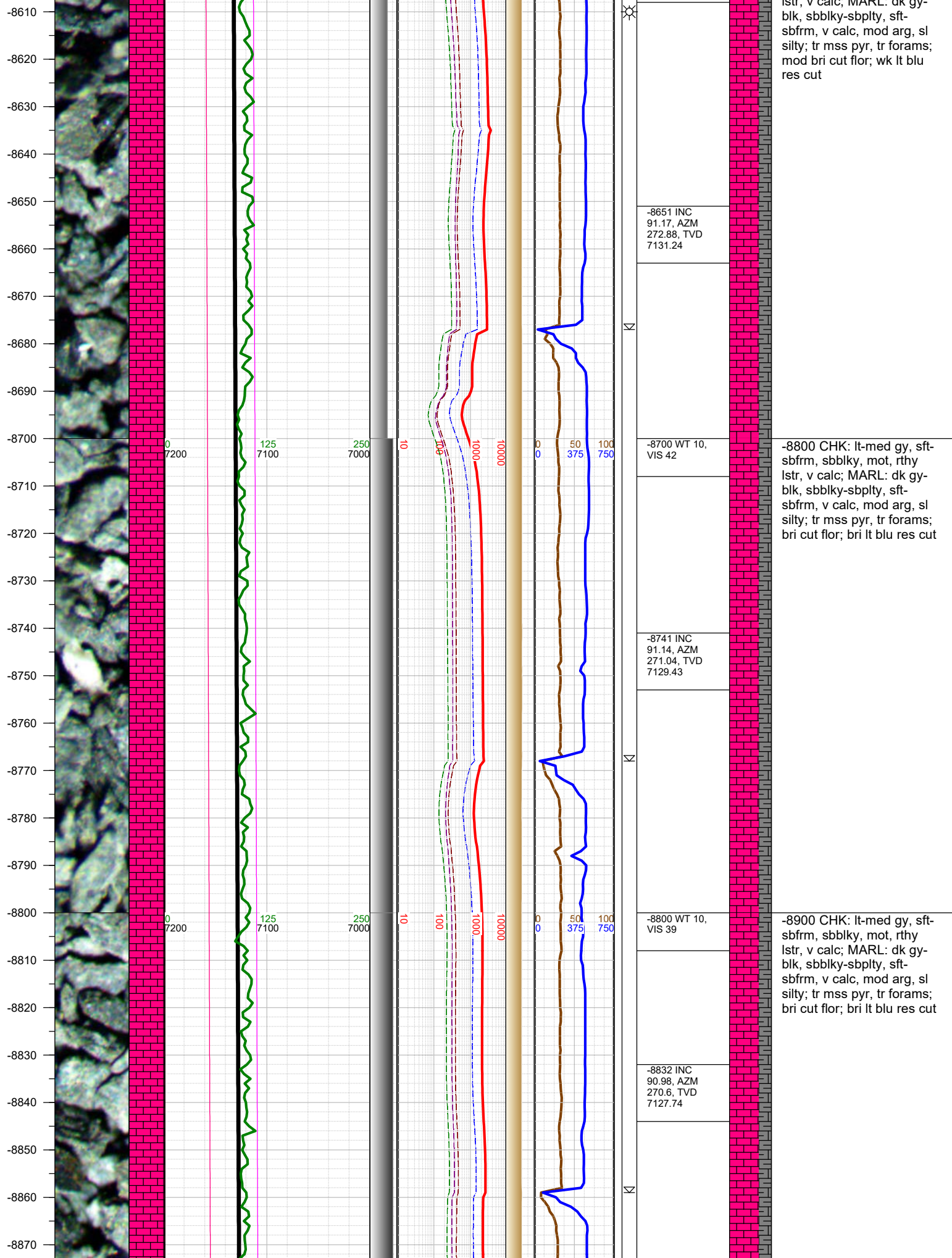
sbfrm, v calc, mod arg, sl
silty; tr bent, mod fos frag,
tr forams; tr pyr; bri cut flor;
bri lt blu res cut

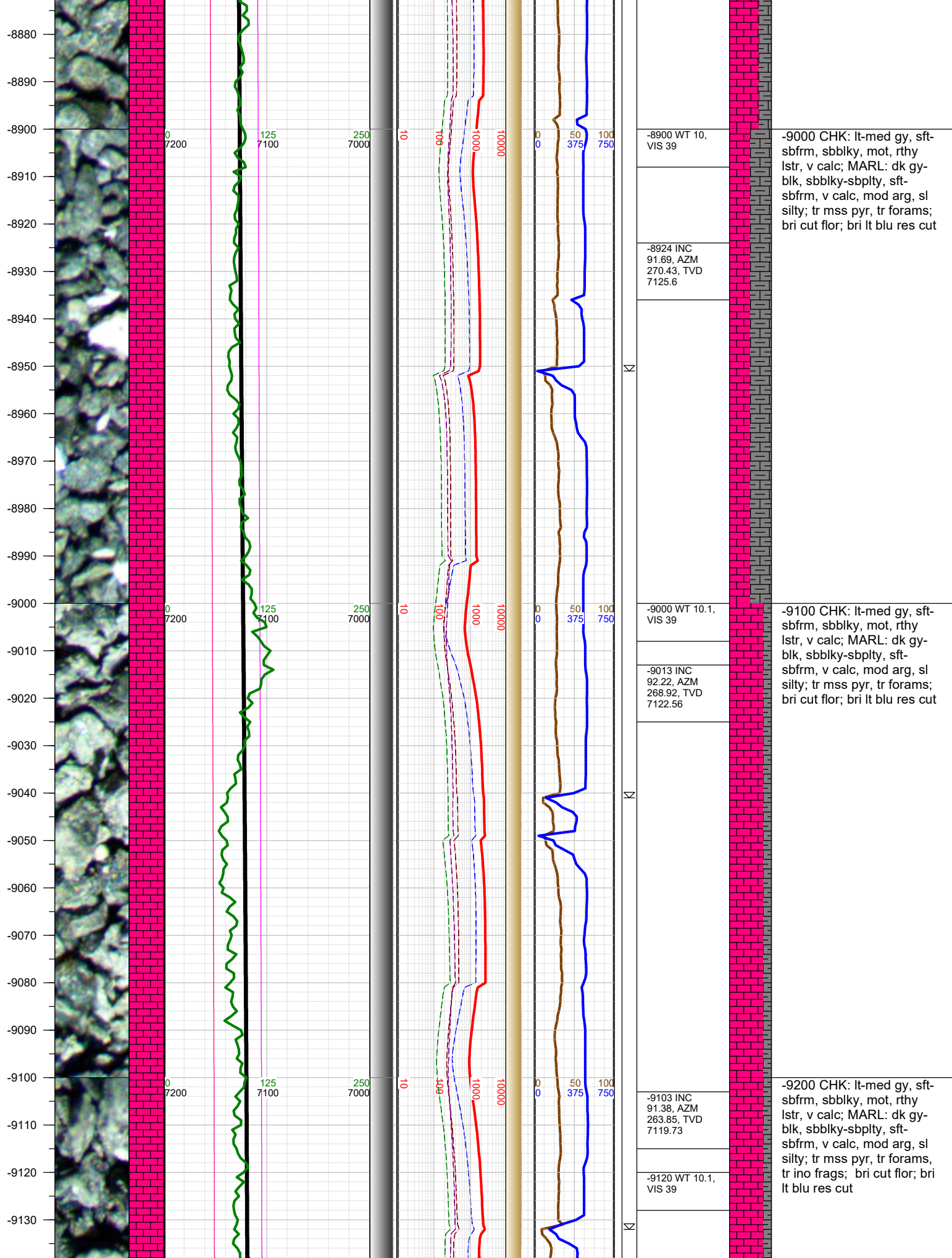
-8000 CHK: lt-med gy, sft-
sbfrm, sbbiky, mot, rthy
lstr, v calc; MARL: dk gy-
blk, sbbiky-sbpity, sft-
sbfrm, v calc, mod arg, sl
silty; tr bent, tr forams; bri
cut flor; bri lt blu res cut

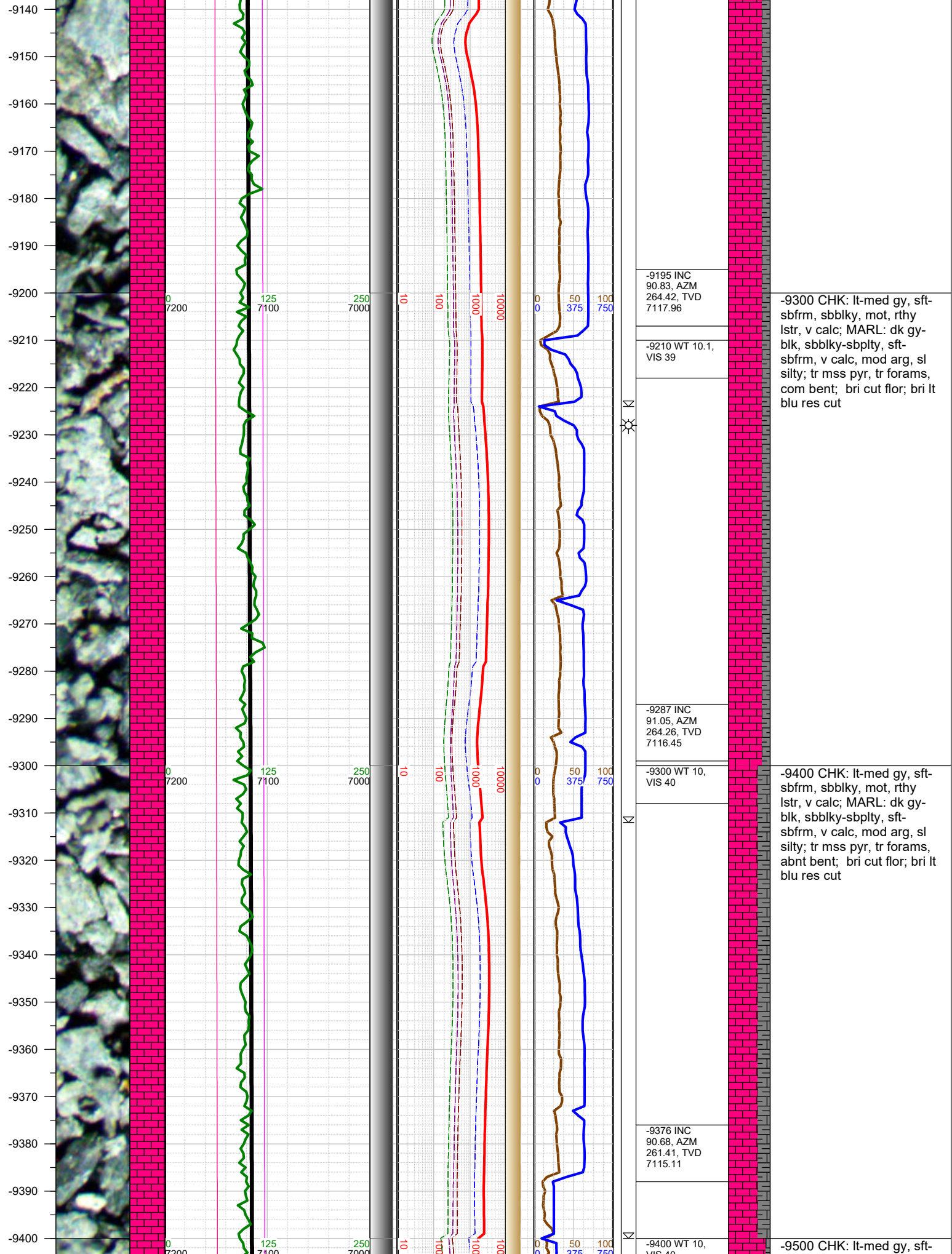
-8100 CHK: lt-med gy, sft-
sbfrm, sbbiky, mot, rthy
lstr, v calc; MARL: dk gy-
blk, sbbiky-sbpity, sft-
sbfrm, v calc, mod arg, sl
silty; tr bent, tr mss pyr, tr
forams; bri cut flor; bri lt
blu res cut

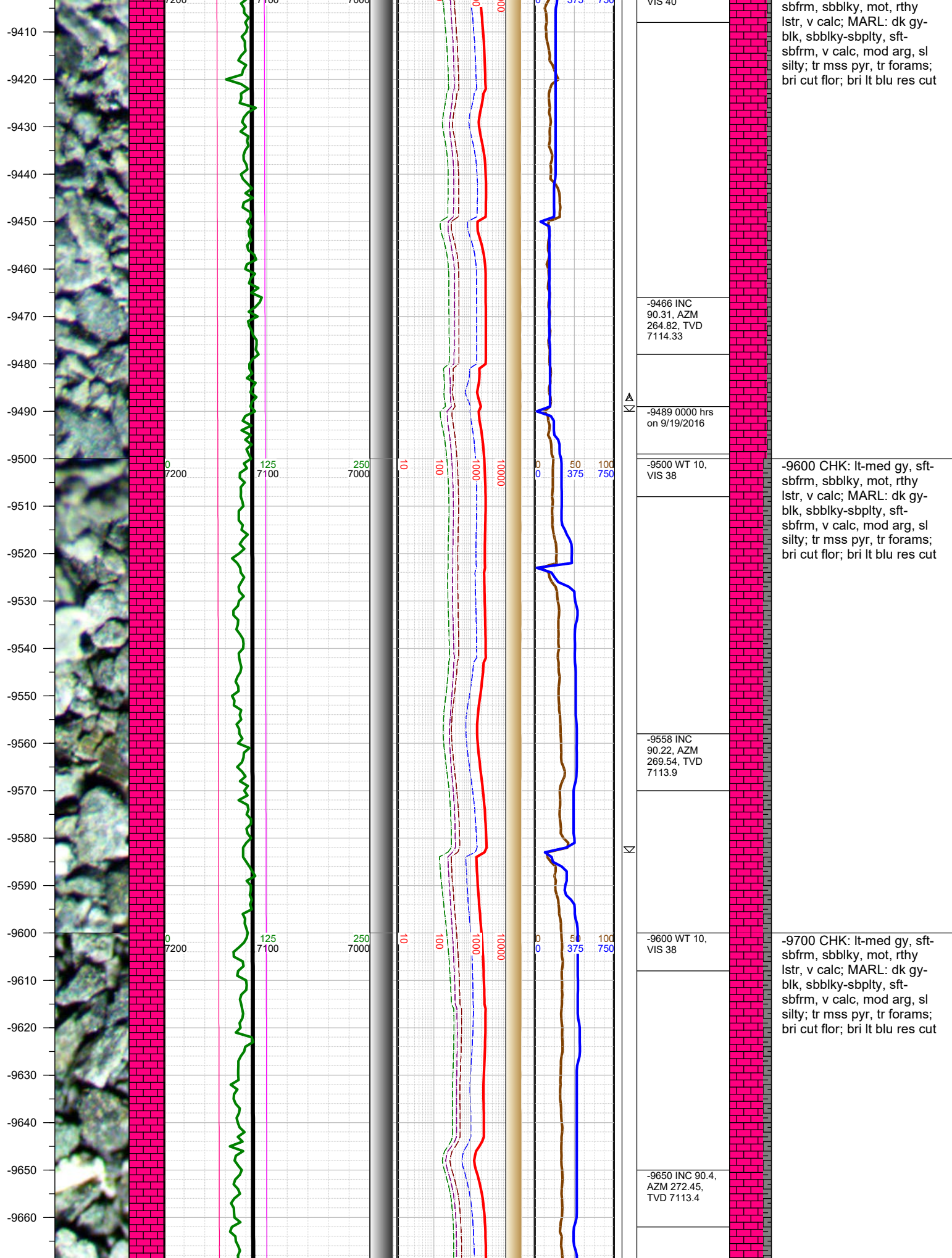


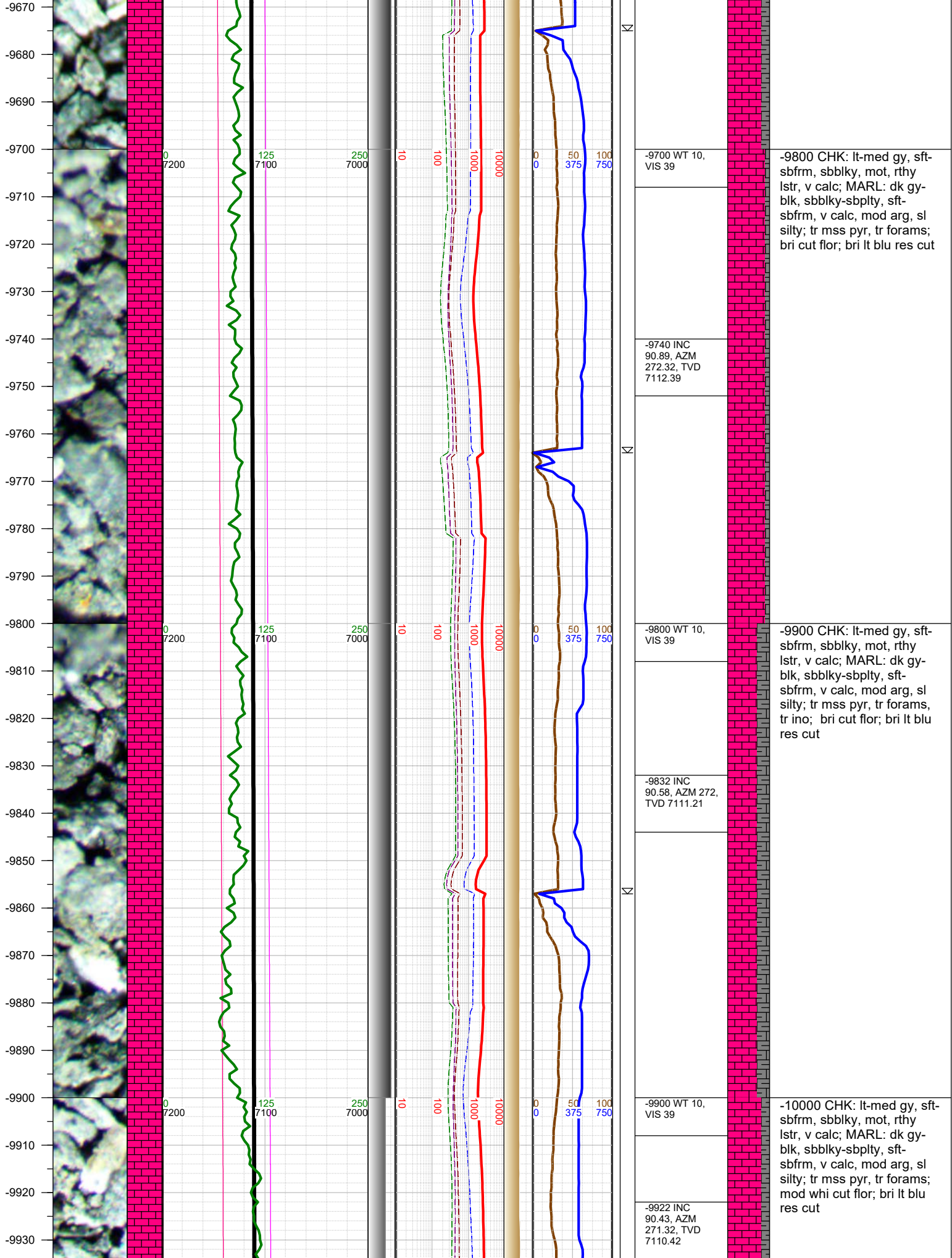


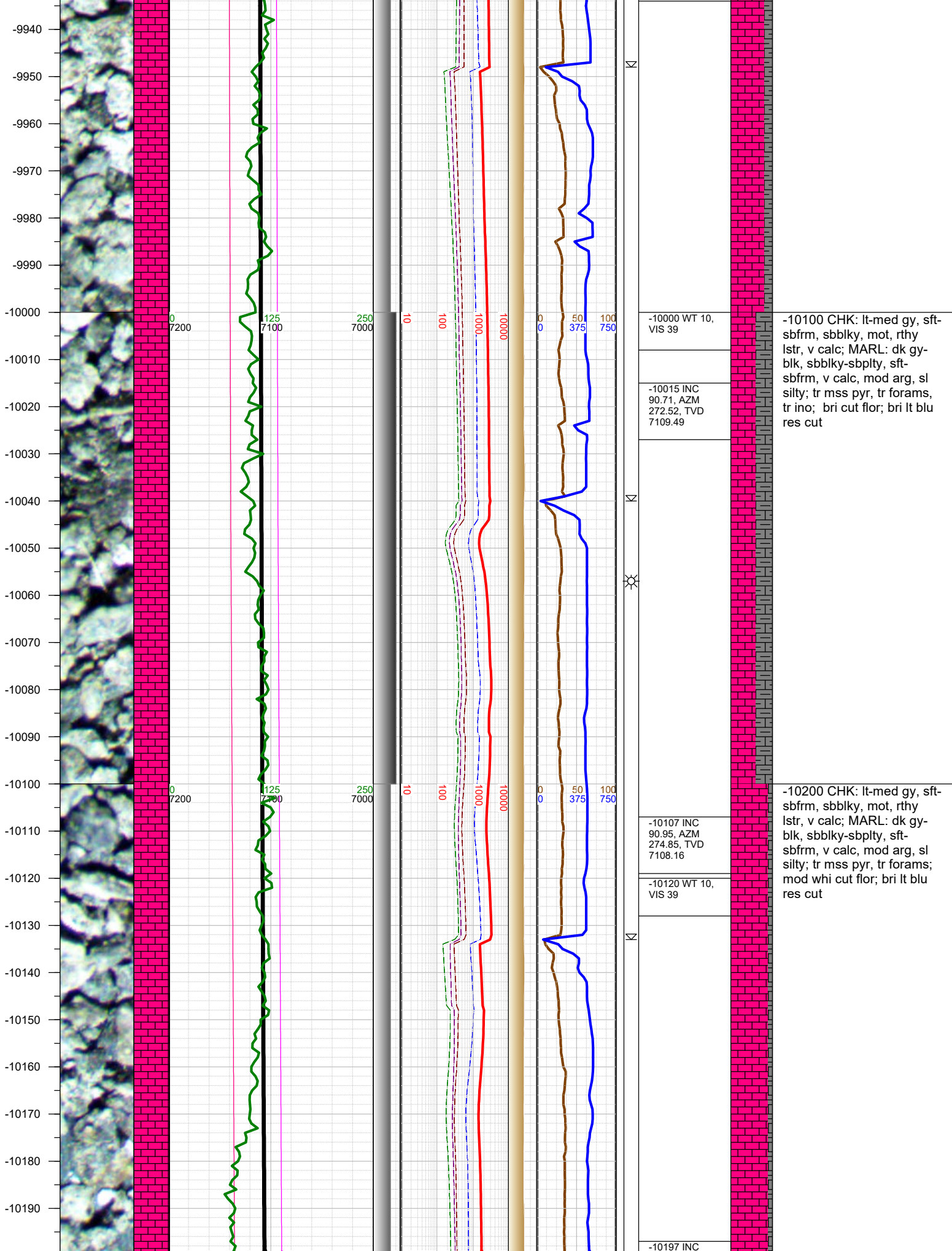


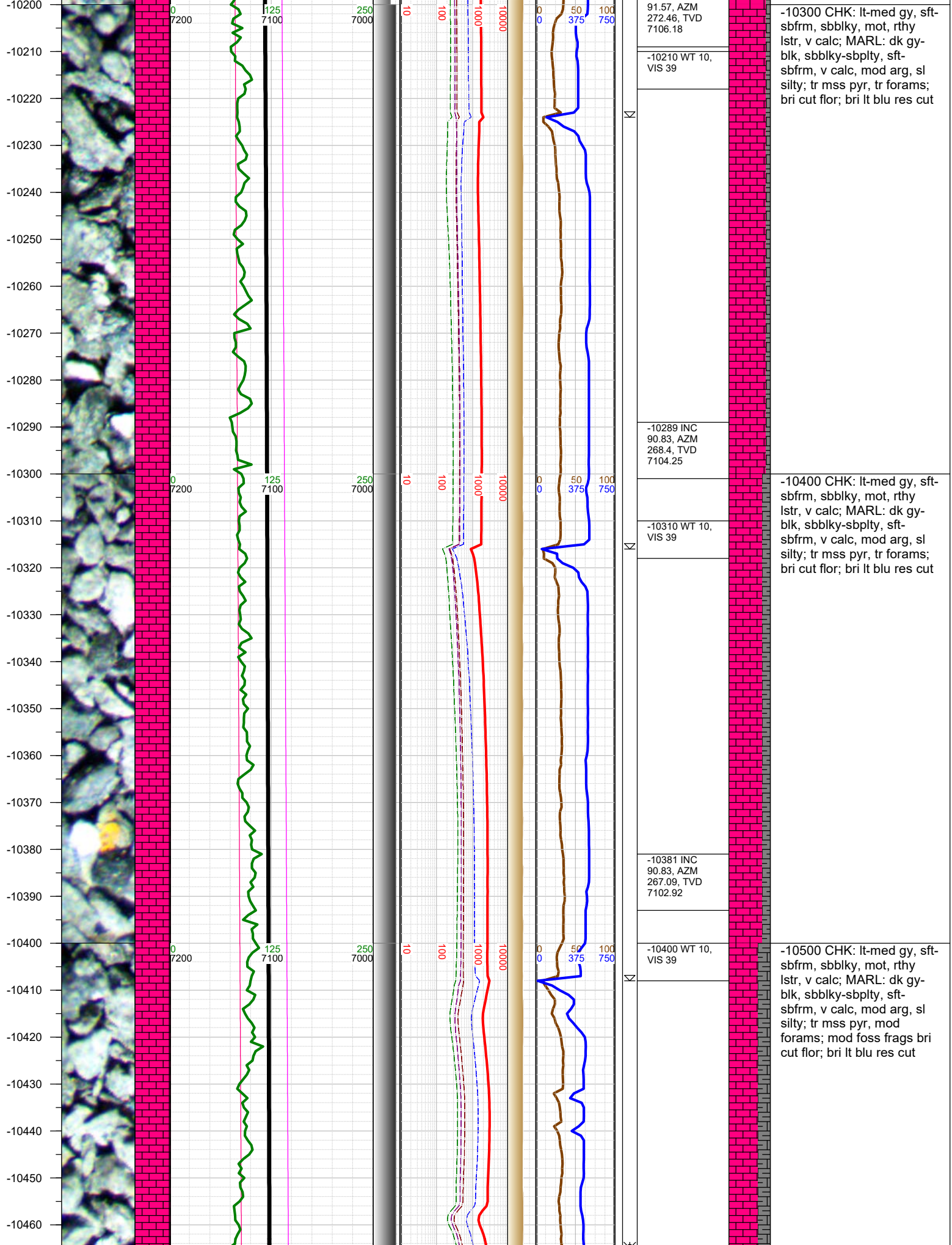


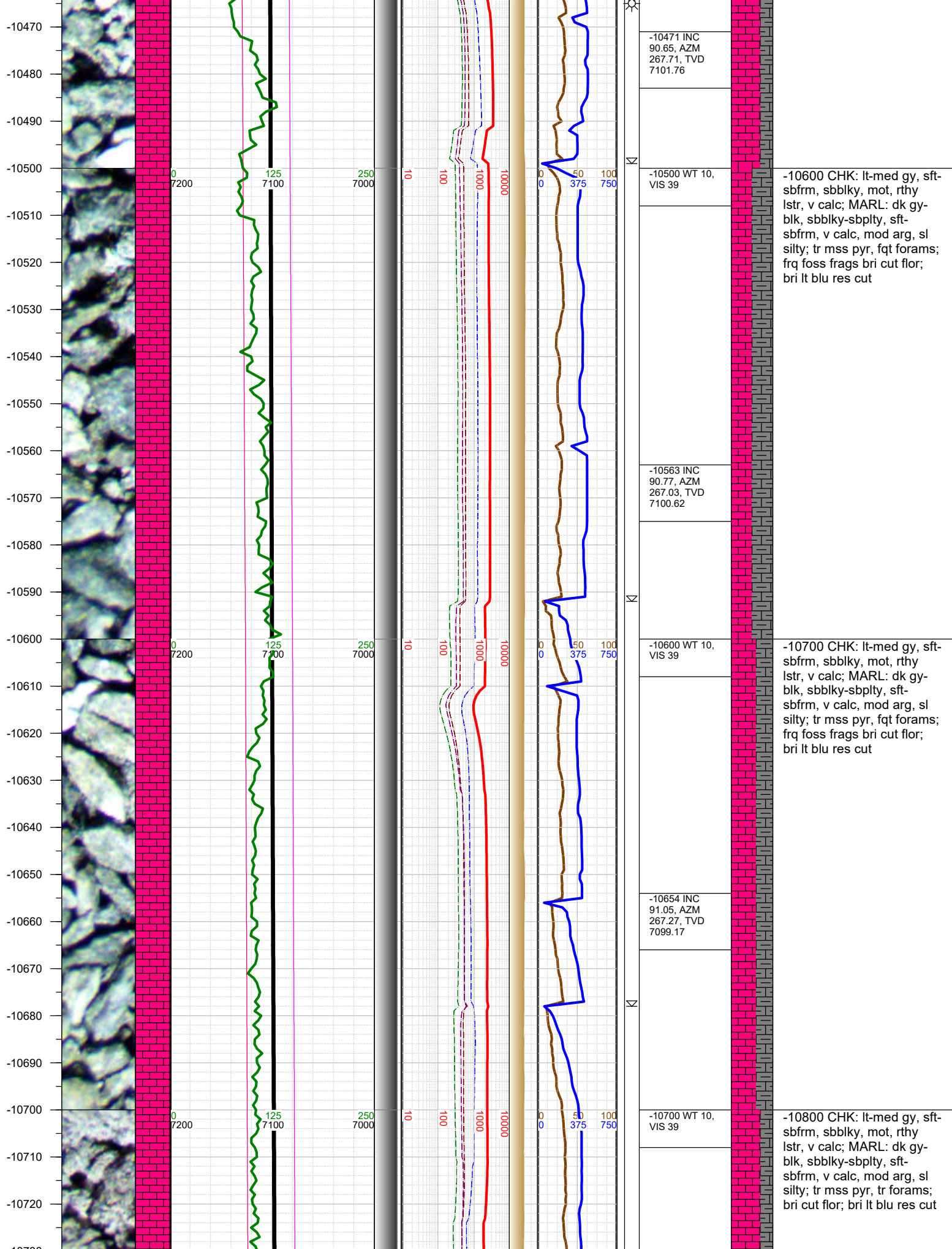


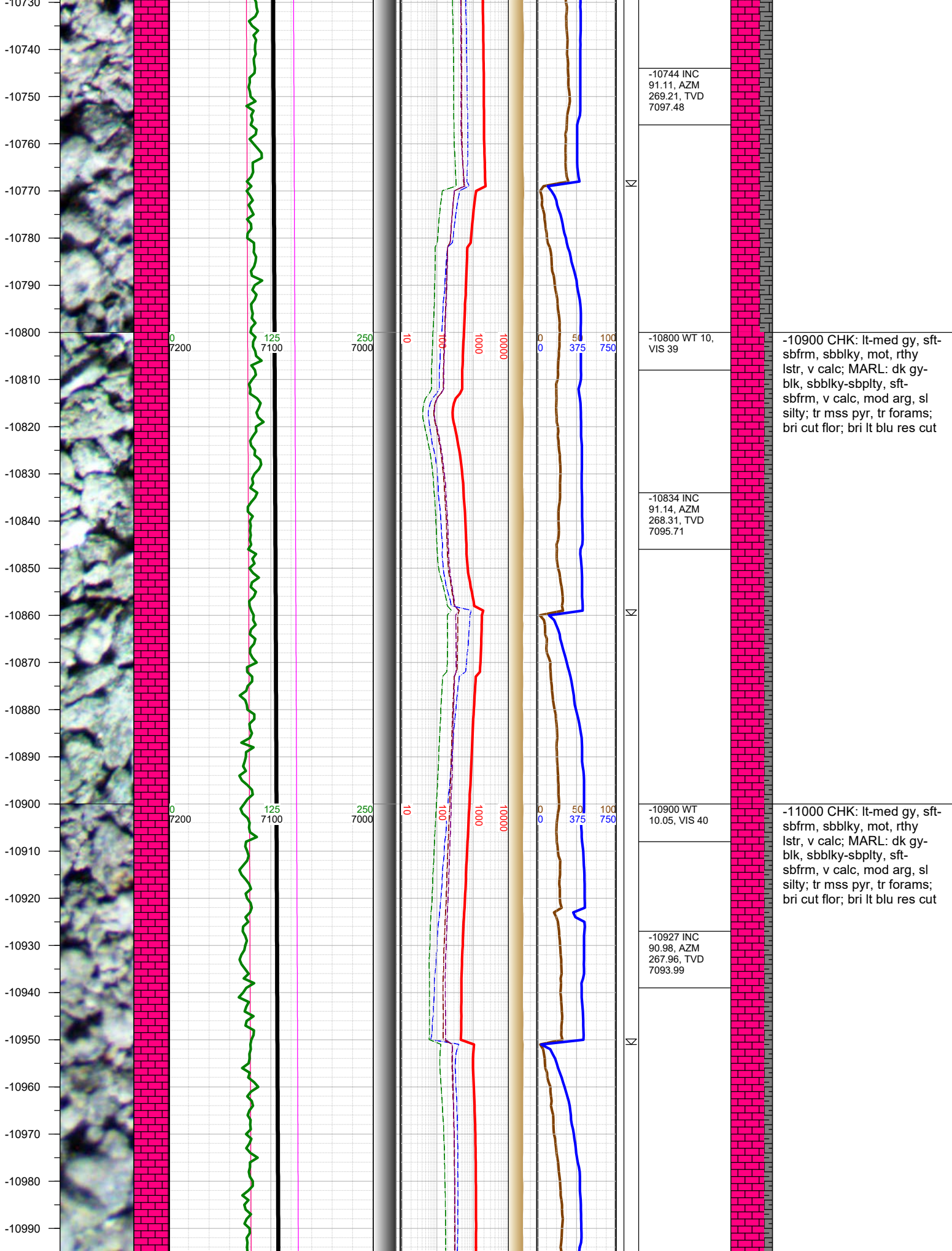


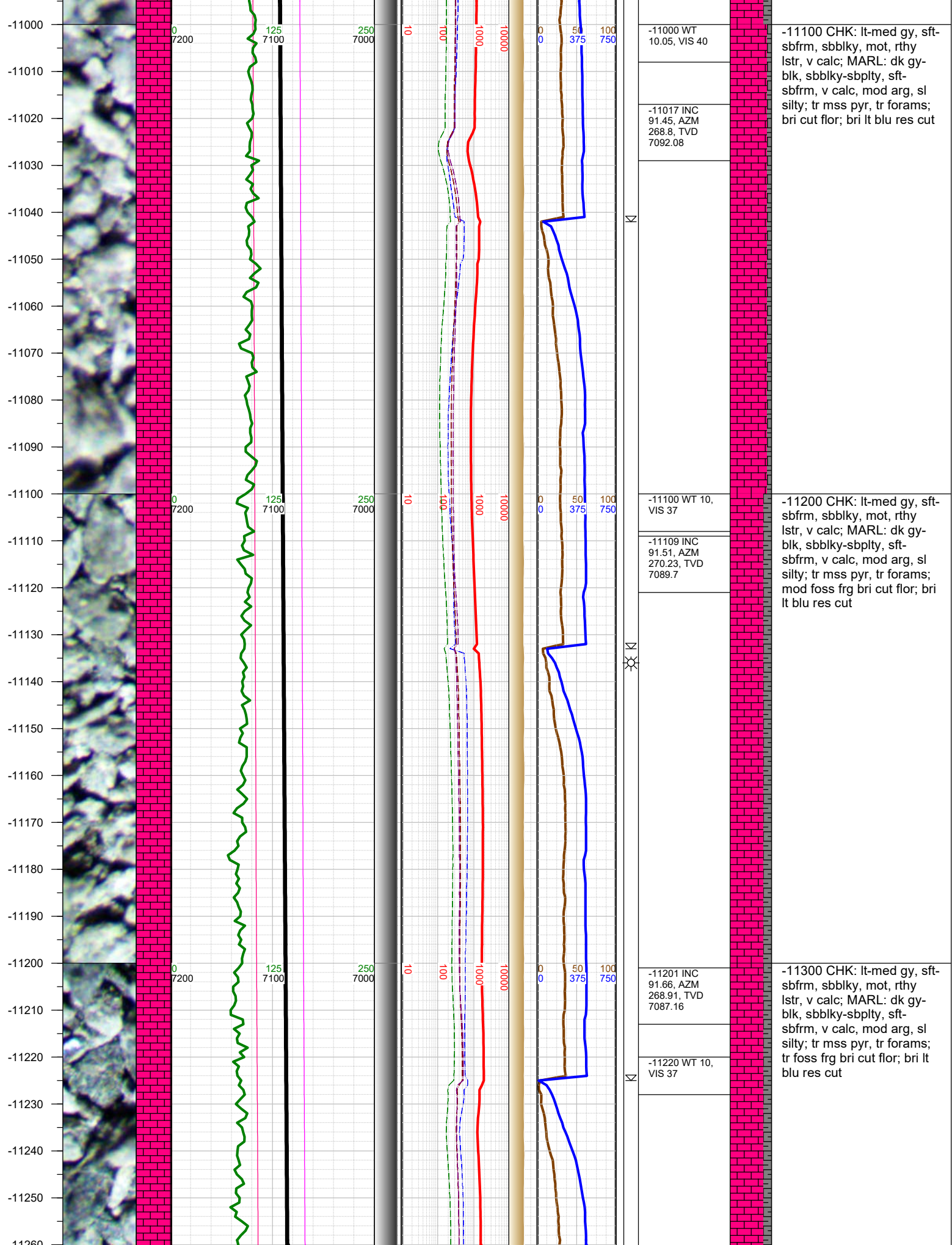


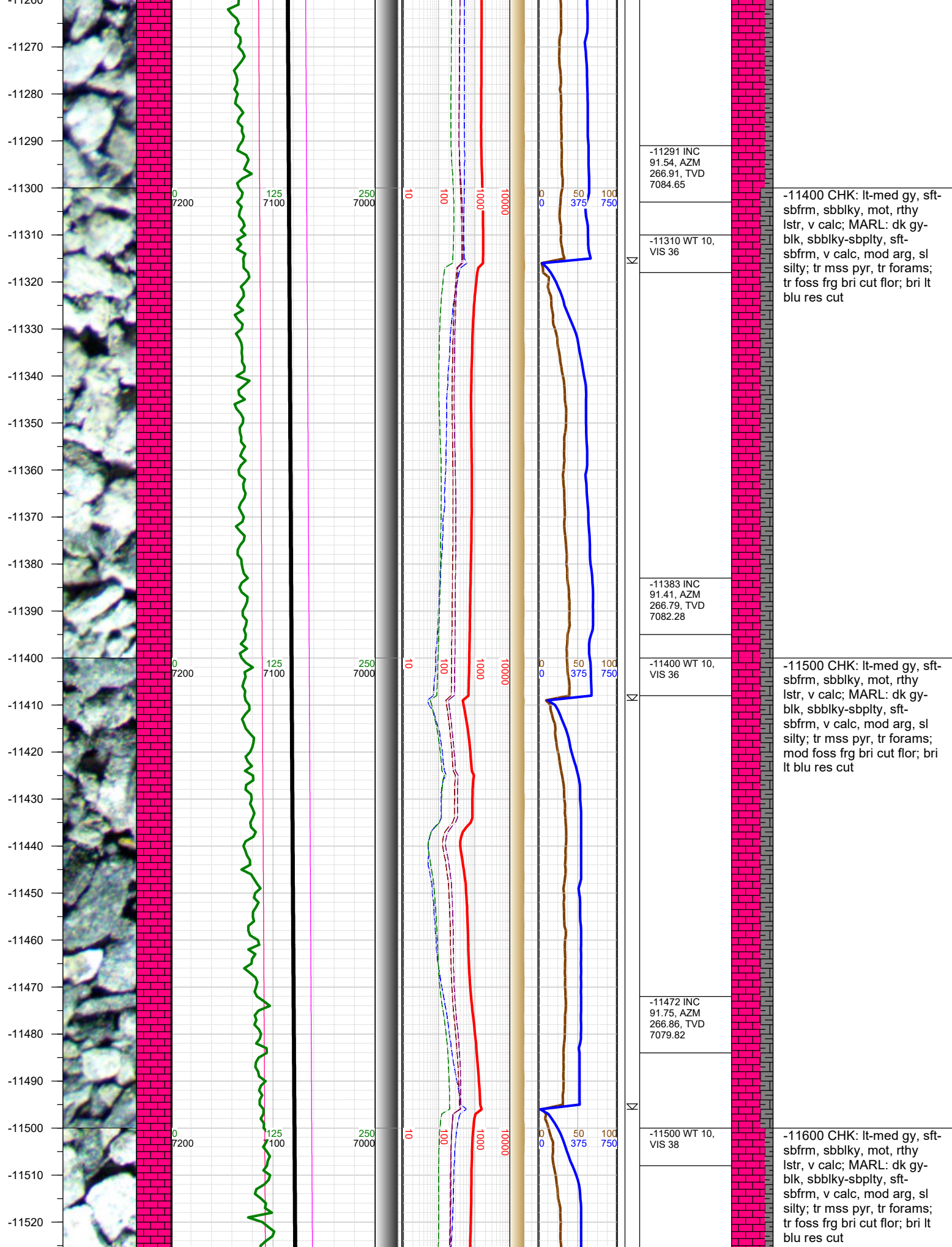


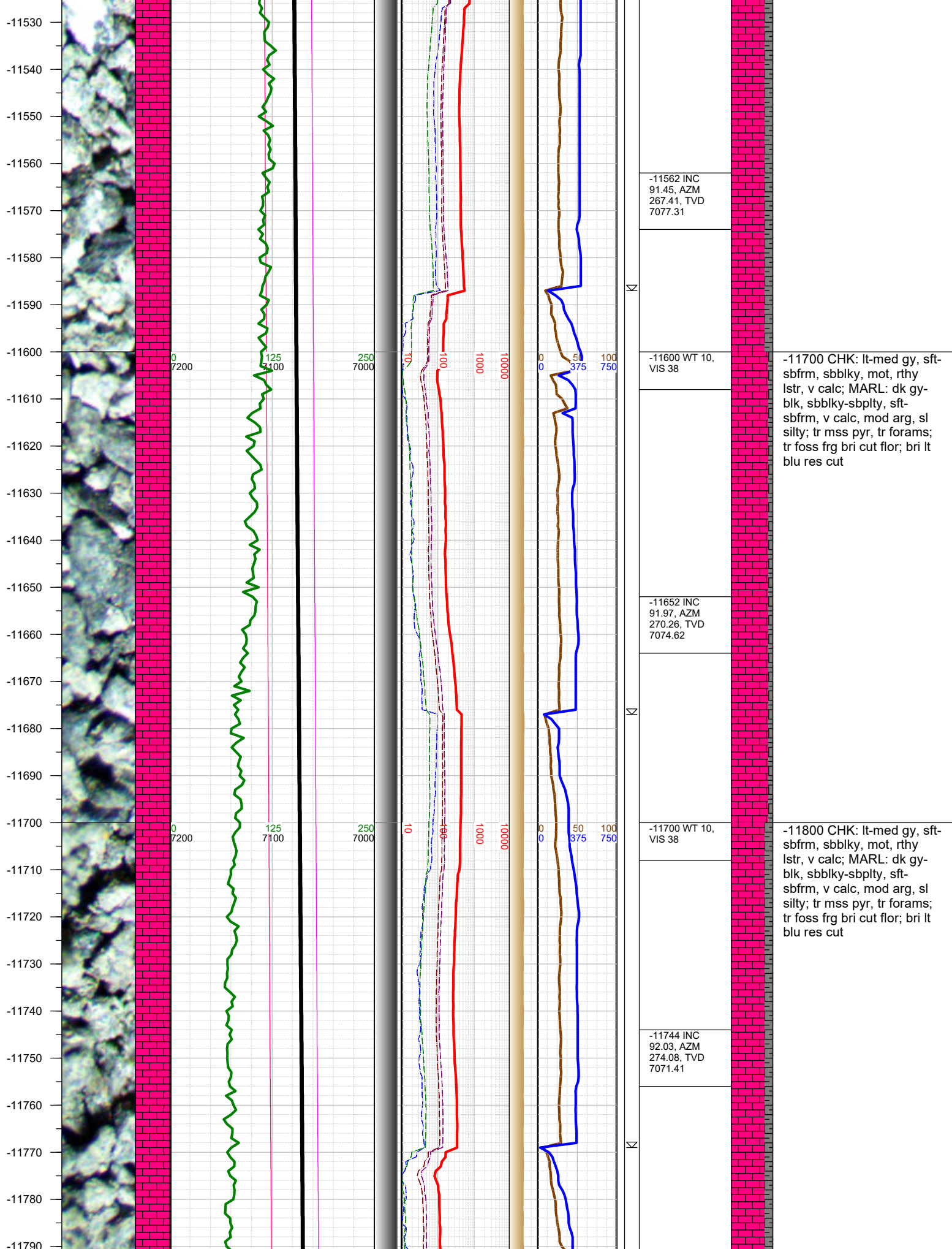


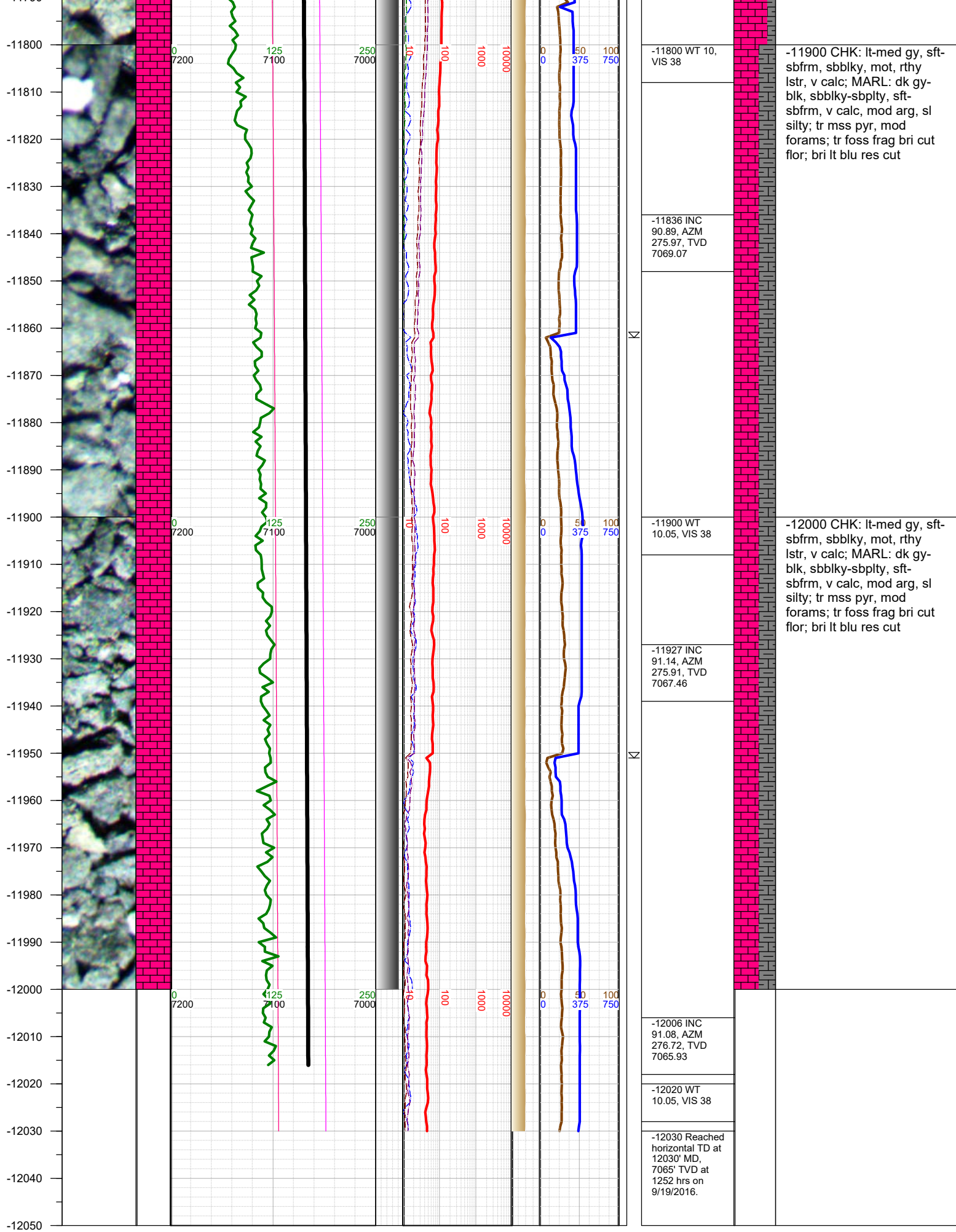












TOTAL DEPTH = 12030'

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