

OPERATOR: **Cub Creek Energy**

WELL NAME: **Markham 9**

FIELD NAME: DJ Basin - Wattenberg

DRILLING RIG: Xtreme 18

API #: 05-123-43246

LAT/LONG: 40.26897, -105.02313

SURFACE HOLE: NWSE S32-T4N-R68W, 2453' FSL, 1516' FEL

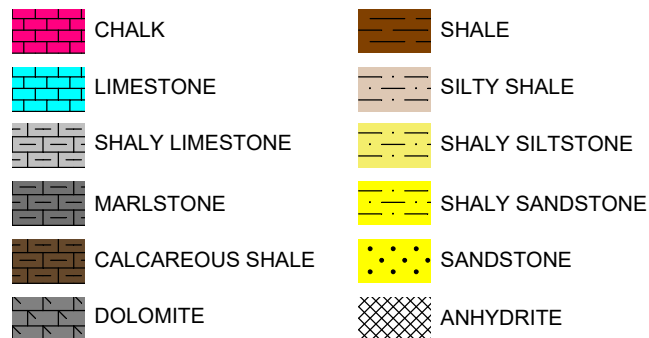
BOTTOM HOLE: NWSW S32-T4N-R68W, 1815' FSL, 460' FWL



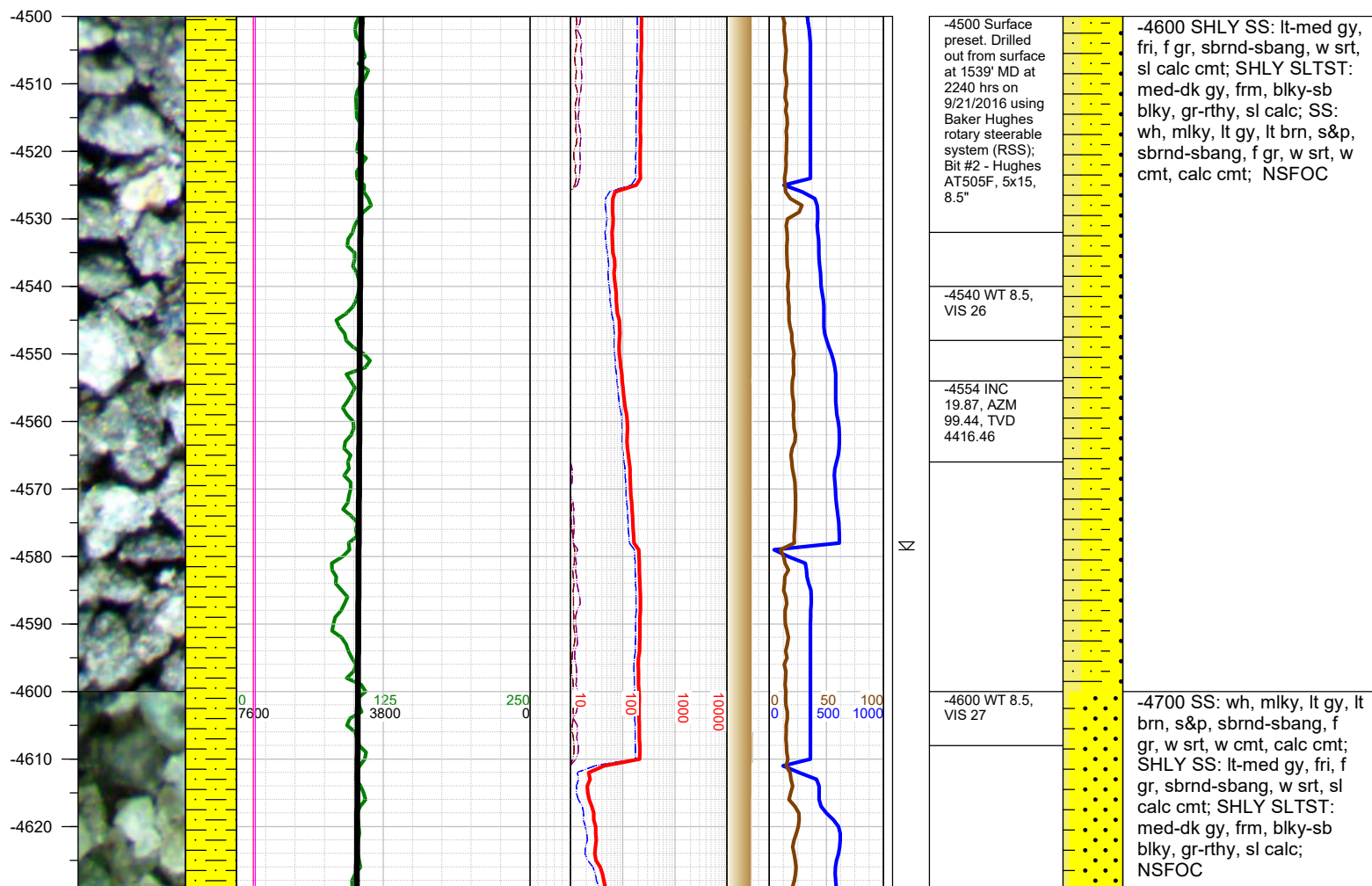
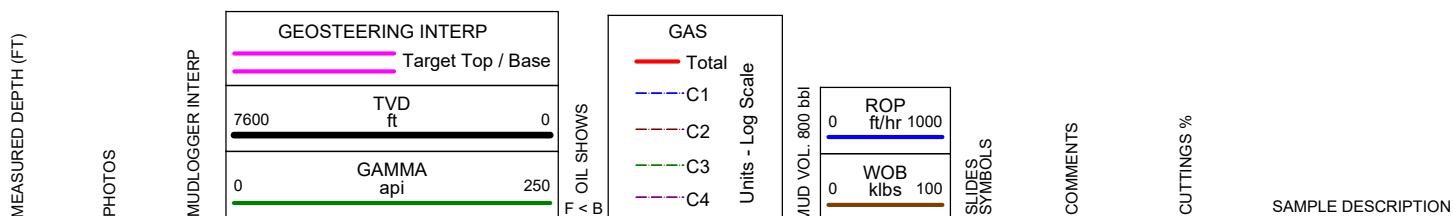
Earth Science Agency, LLC

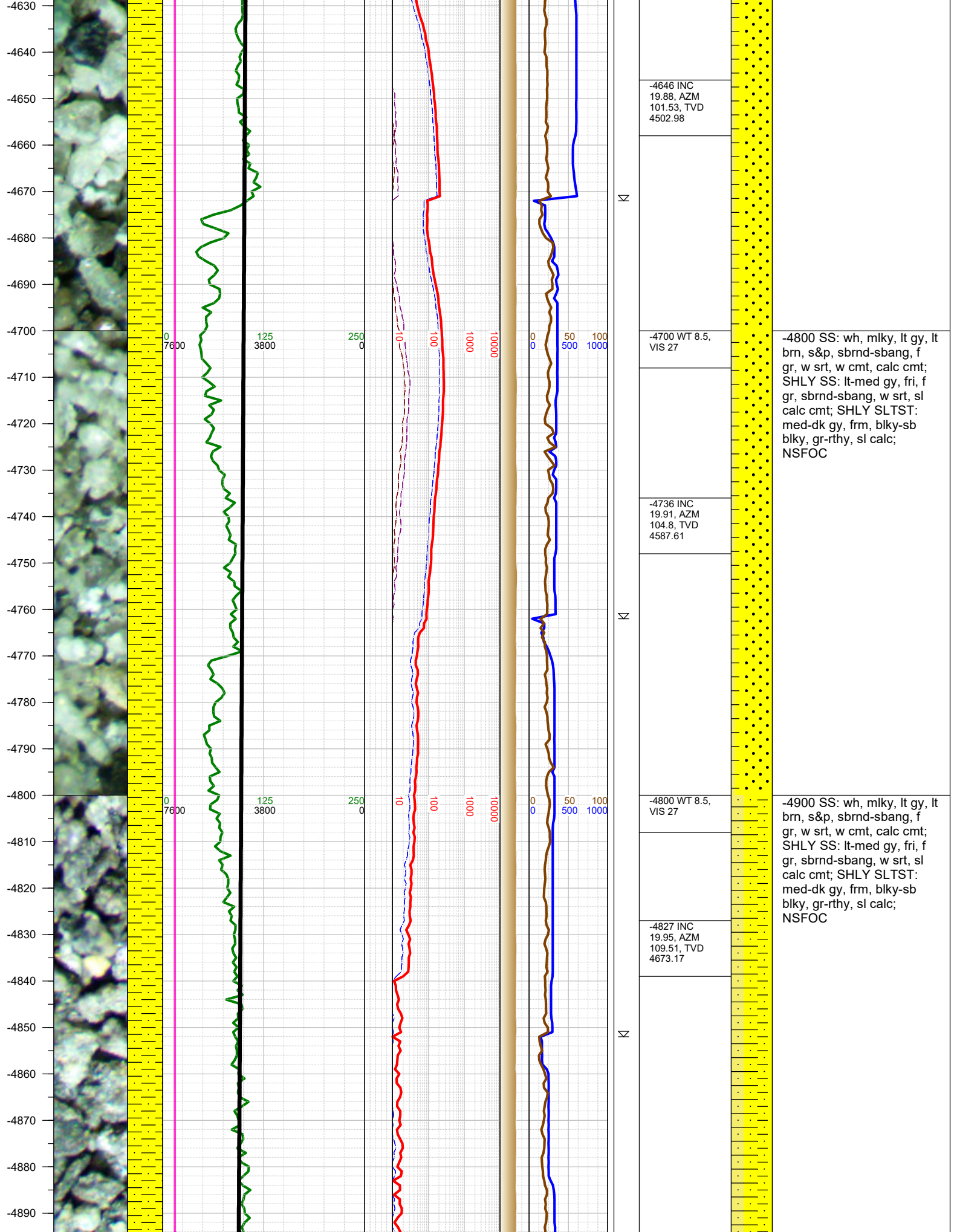
COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 5040'
KELLY BUSHING: 5057'
DRILLING FLUID: WBM
TVD VS. MD: 7068' / 11983'
SPUD DATE: September 21, 2016
TD DATE: September 25, 2016
DEPTHS LOGGED: 4500' - 11983'
DATES LOGGED: September 22, 2016 - September 25, 2016
GEOLOGISTS: Blue Spikes, Ari Berland
SCALE: 5" = 100'

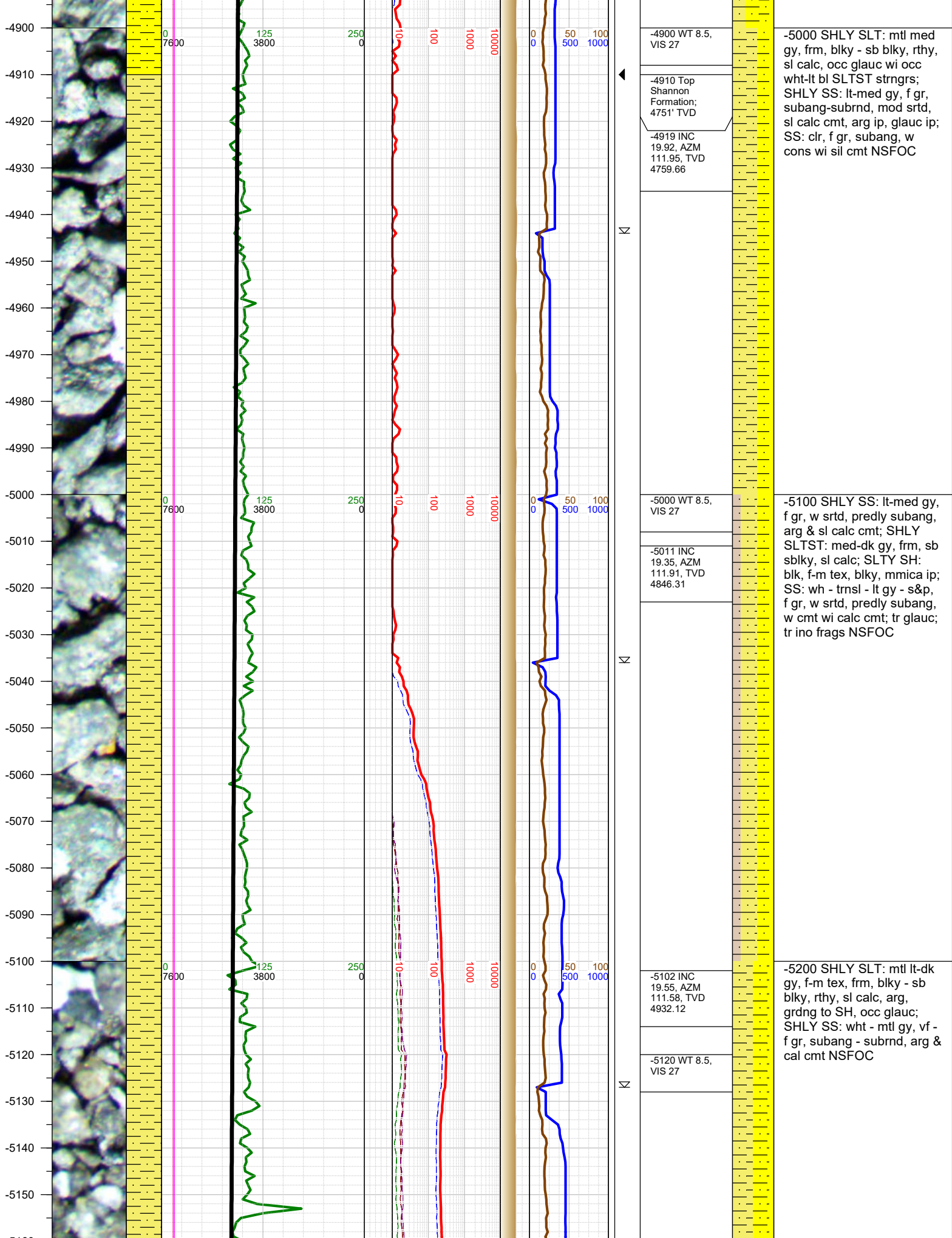
LEGEND

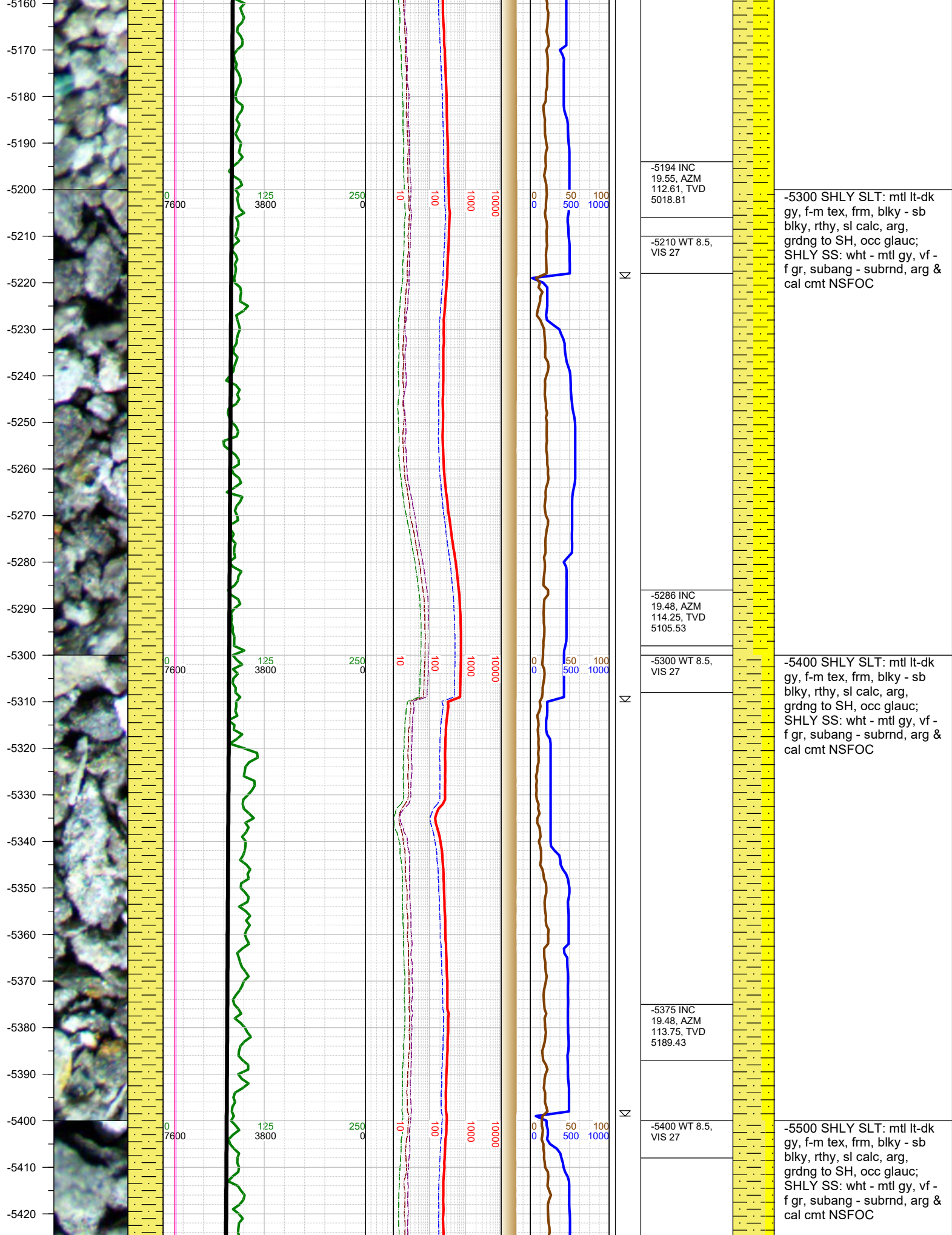


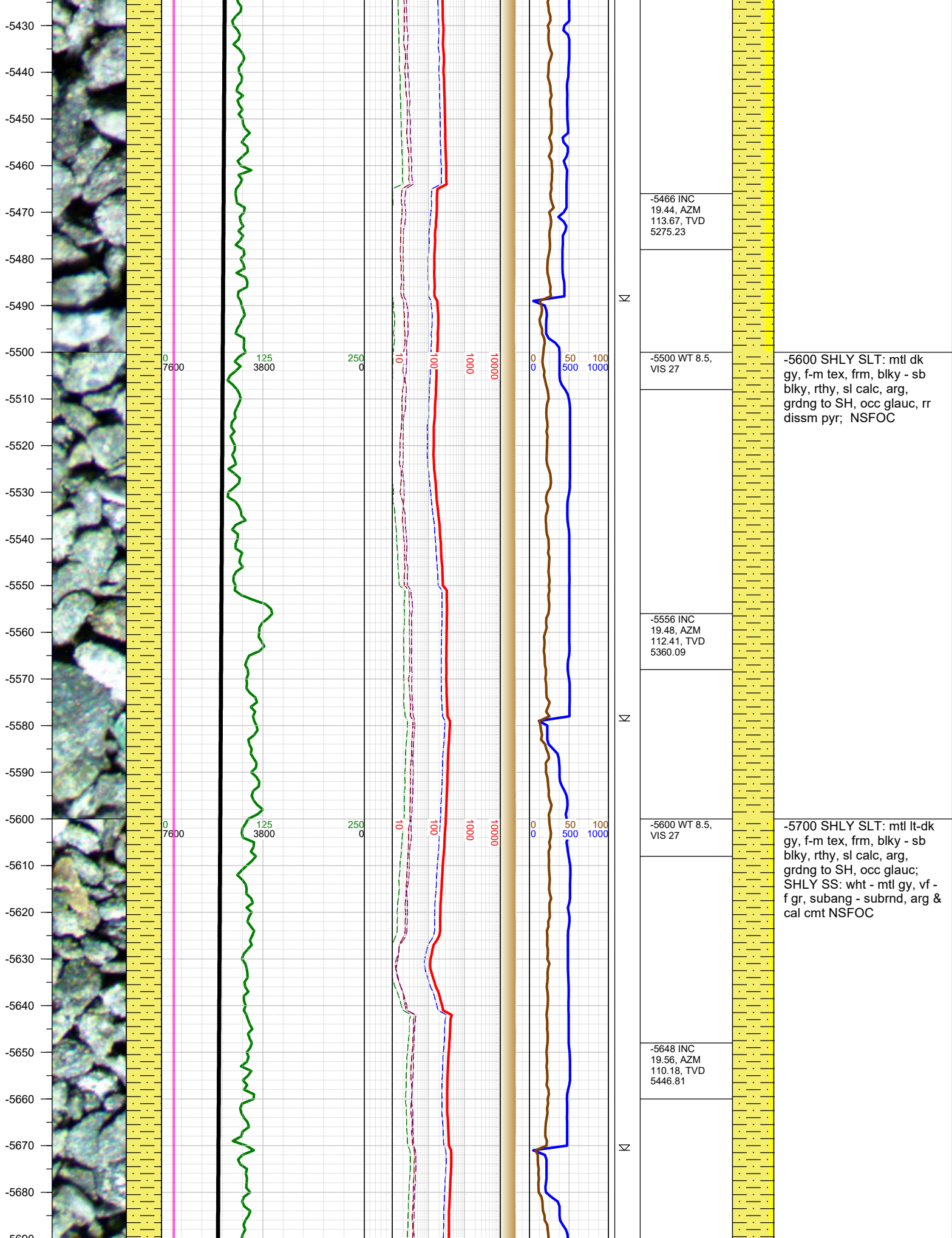
FORMATION CONNECTION MIDNIGHT NEW BIT GAS SHOW FAULT

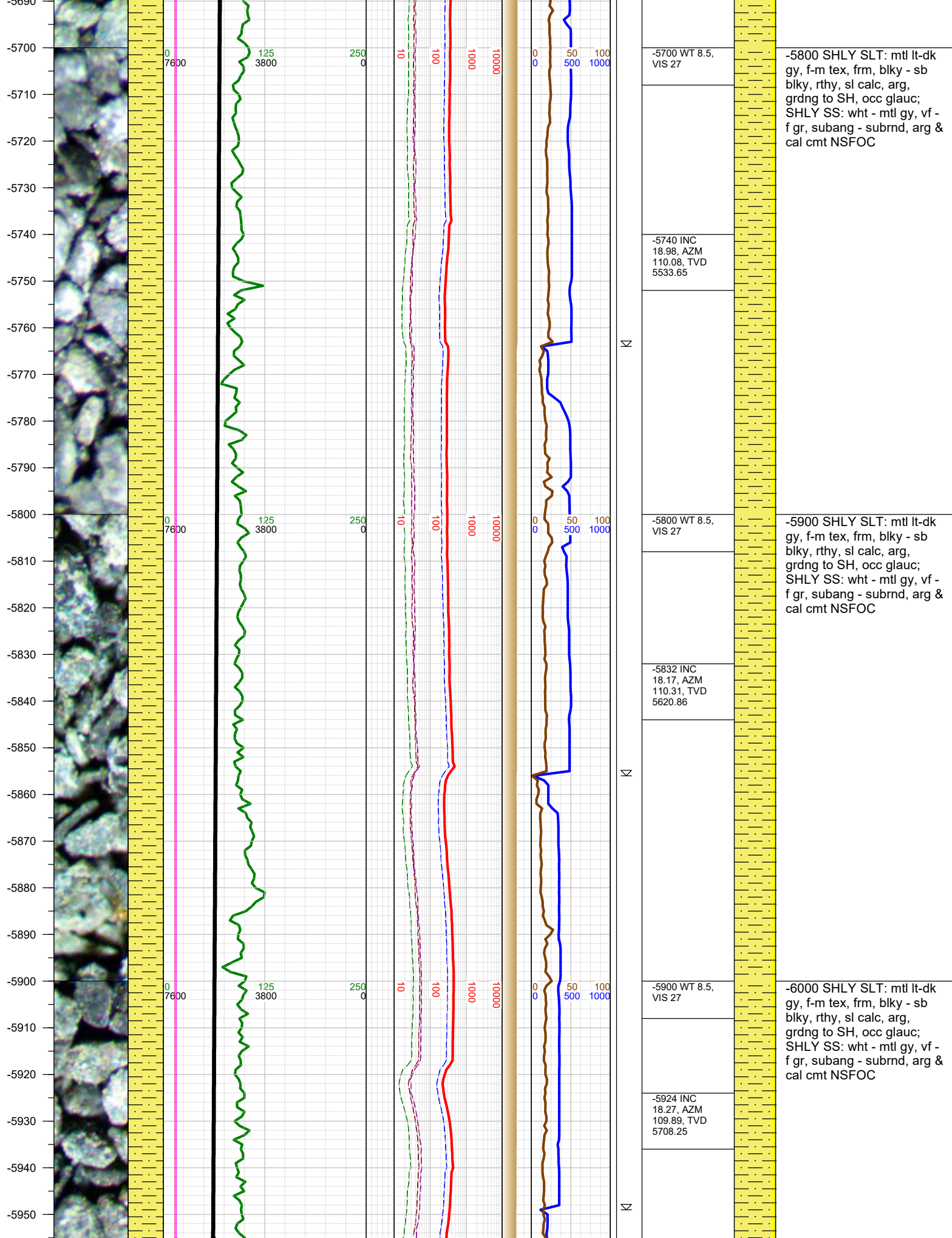








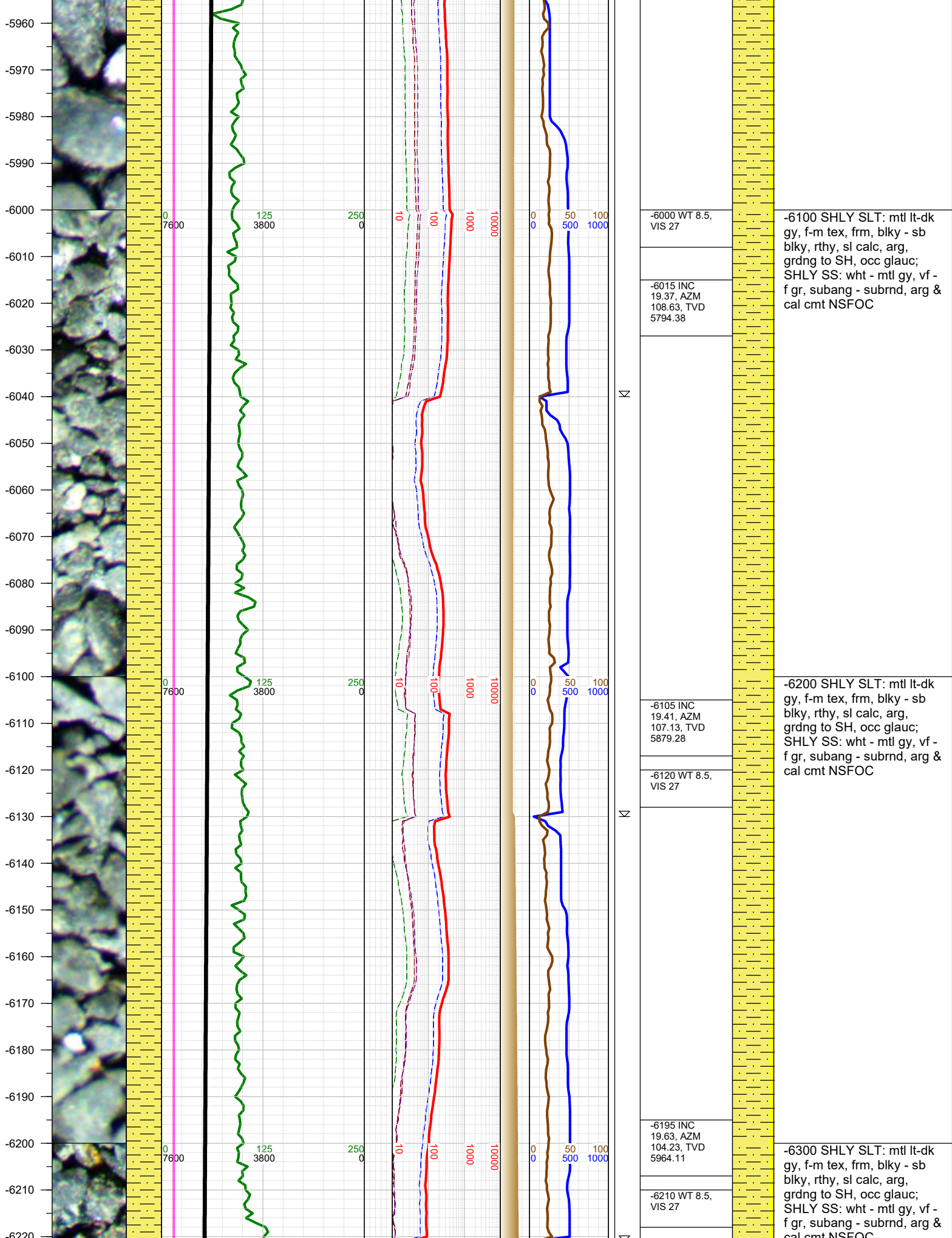


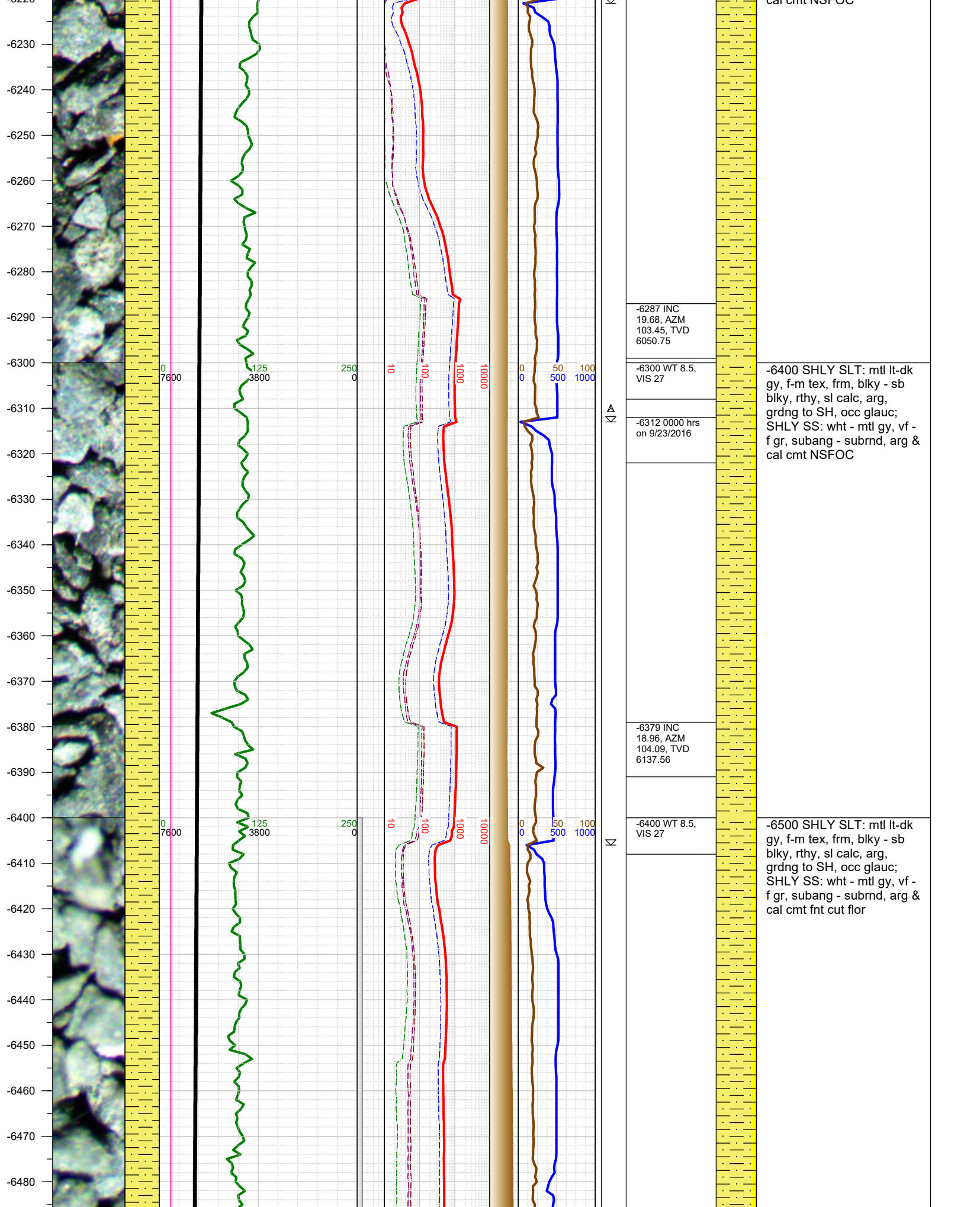


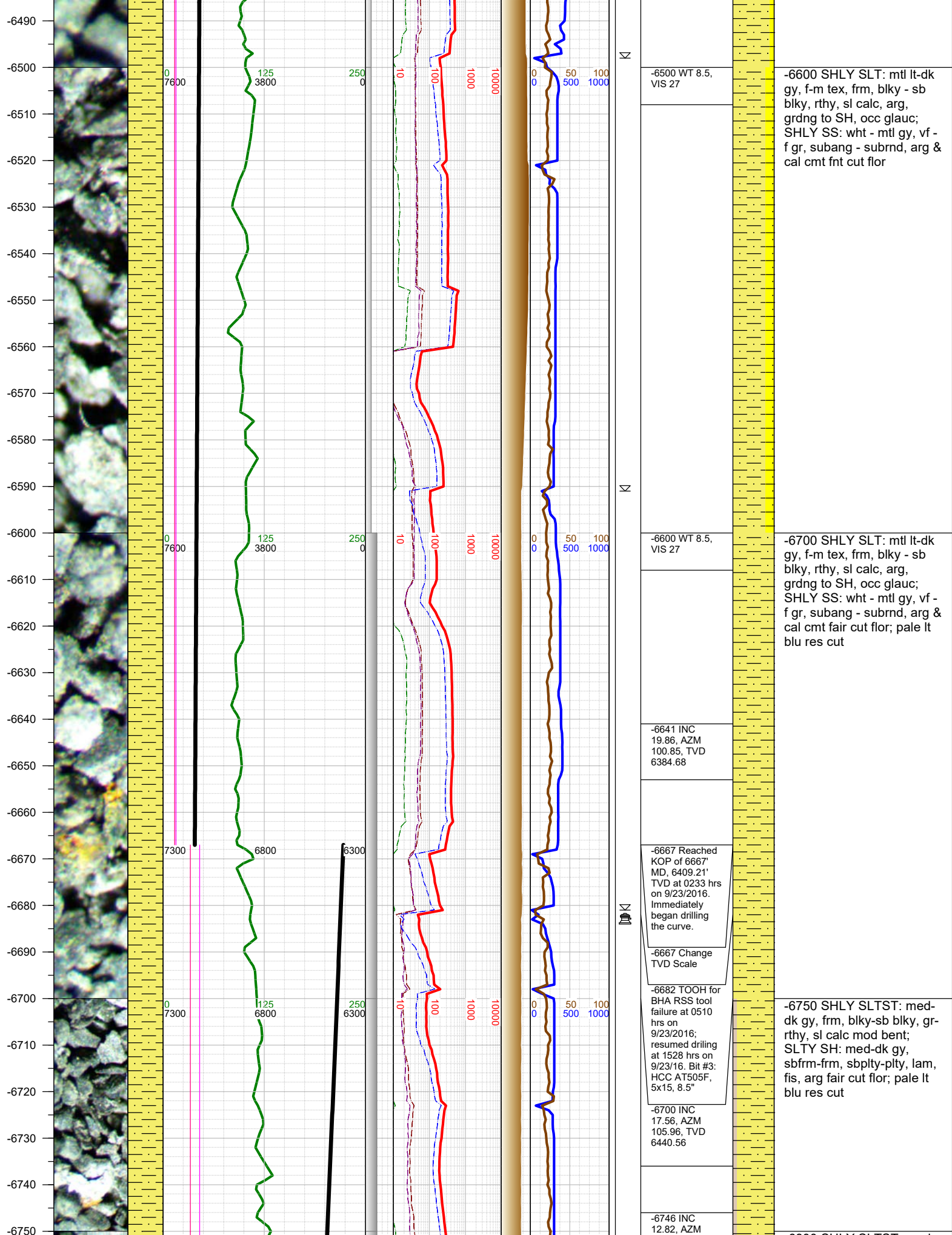
-5800 SHLY SLT: mtl lt-dk gy, f-m tex, frm, blk - sb blk, rthy, sl calc, arg, grng to SH, occ glauc; SHLY SS: wht - mtl gy, vf - f gr, subang - subrnd, arg & cal cmt NSFOC

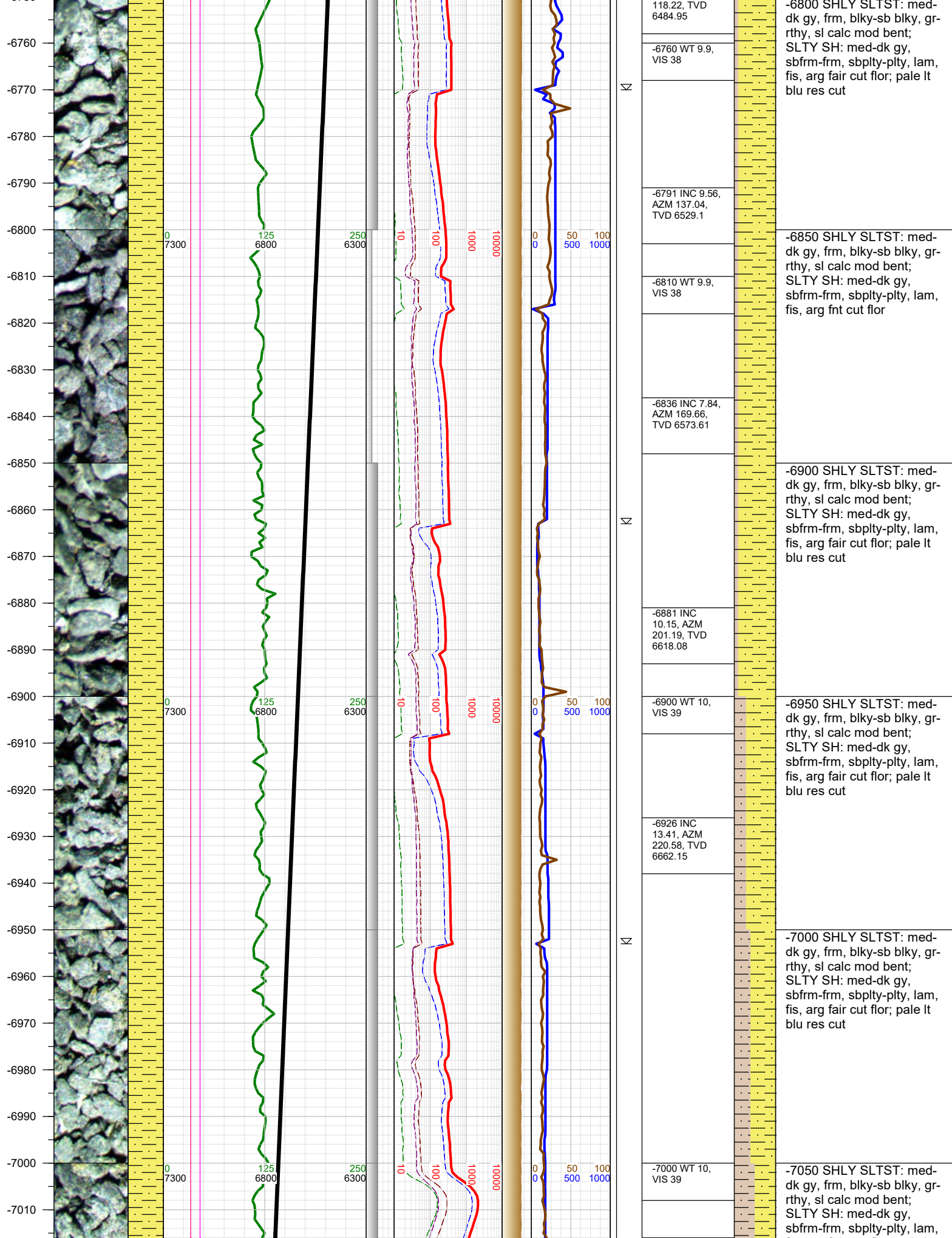
-5900 SHLY SLT: mtl lt-dk gy, f-m tex, frm, blk - sb blk, rthy, sl calc, arg, grng to SH, occ glauc; SHLY SS: wht - mtl gy, vf - f gr, subang - subrnd, arg & cal cmt NSFOC

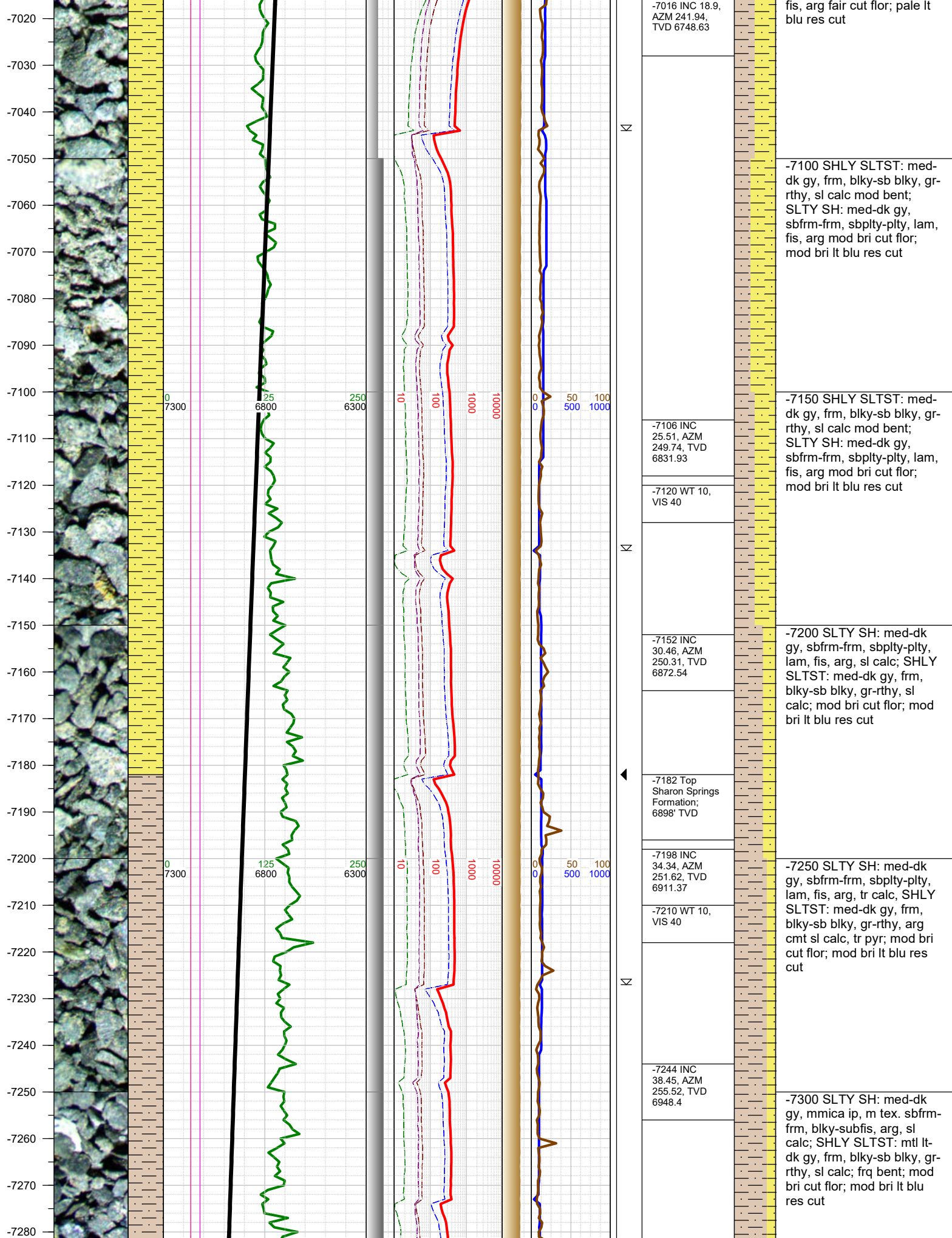
-6000 SHLY SLT: mtl lt-dk gy, f-m tex, frm, blk - sb blk, rthy, sl calc, arg, grng to SH, occ glauc; SHLY SS: wht - mtl gy, vf - f gr, subang - subrnd, arg & cal cmt NSFOC

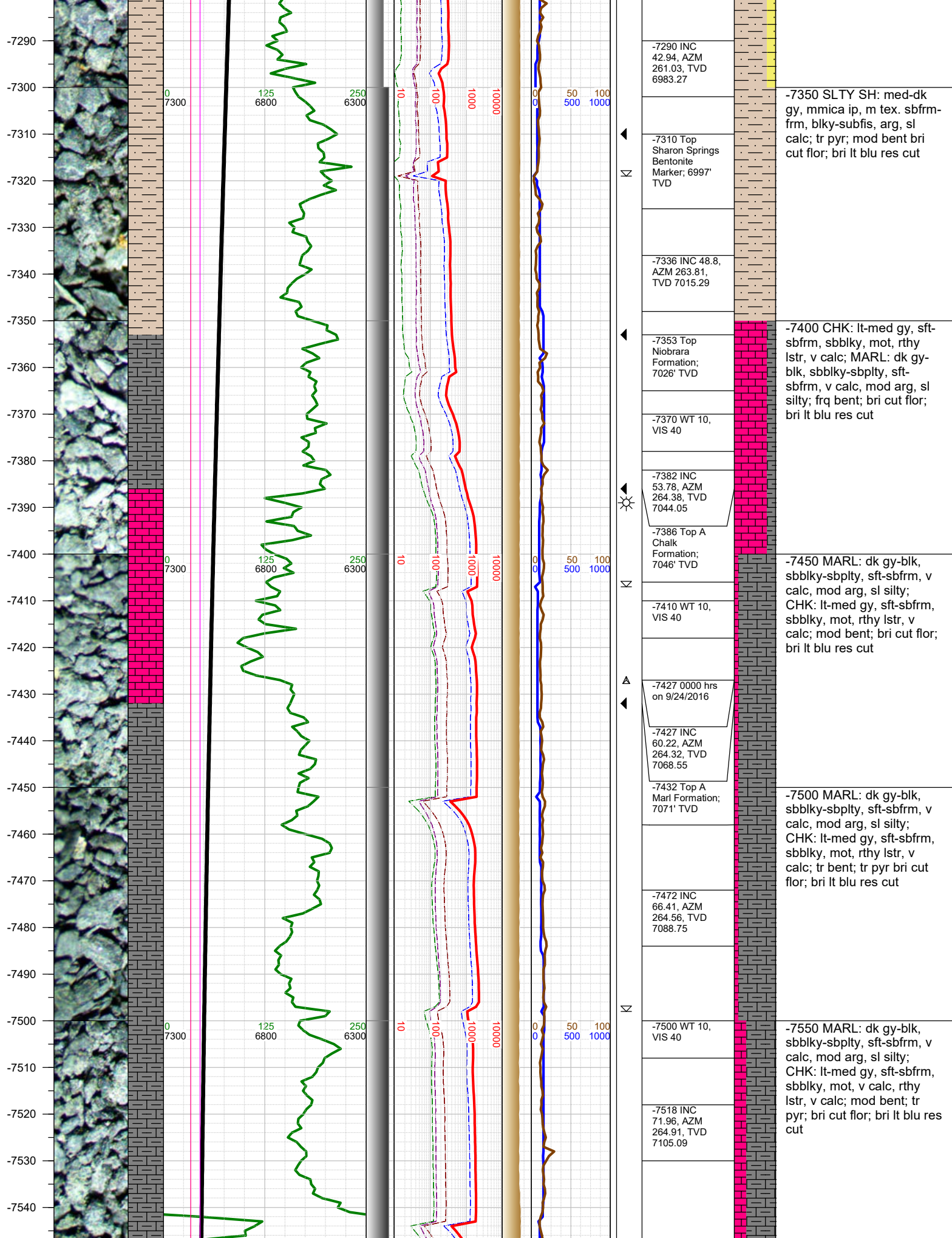


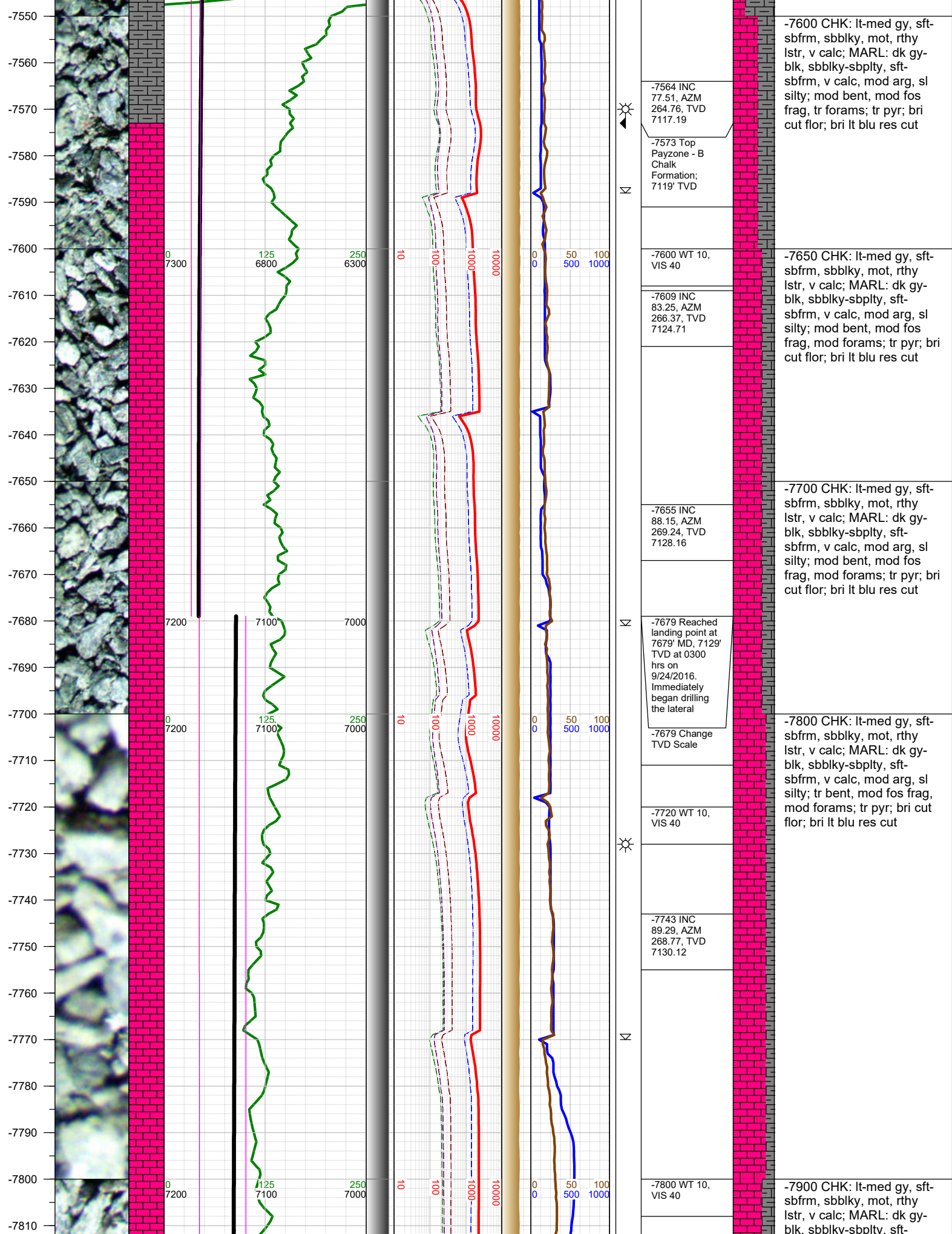


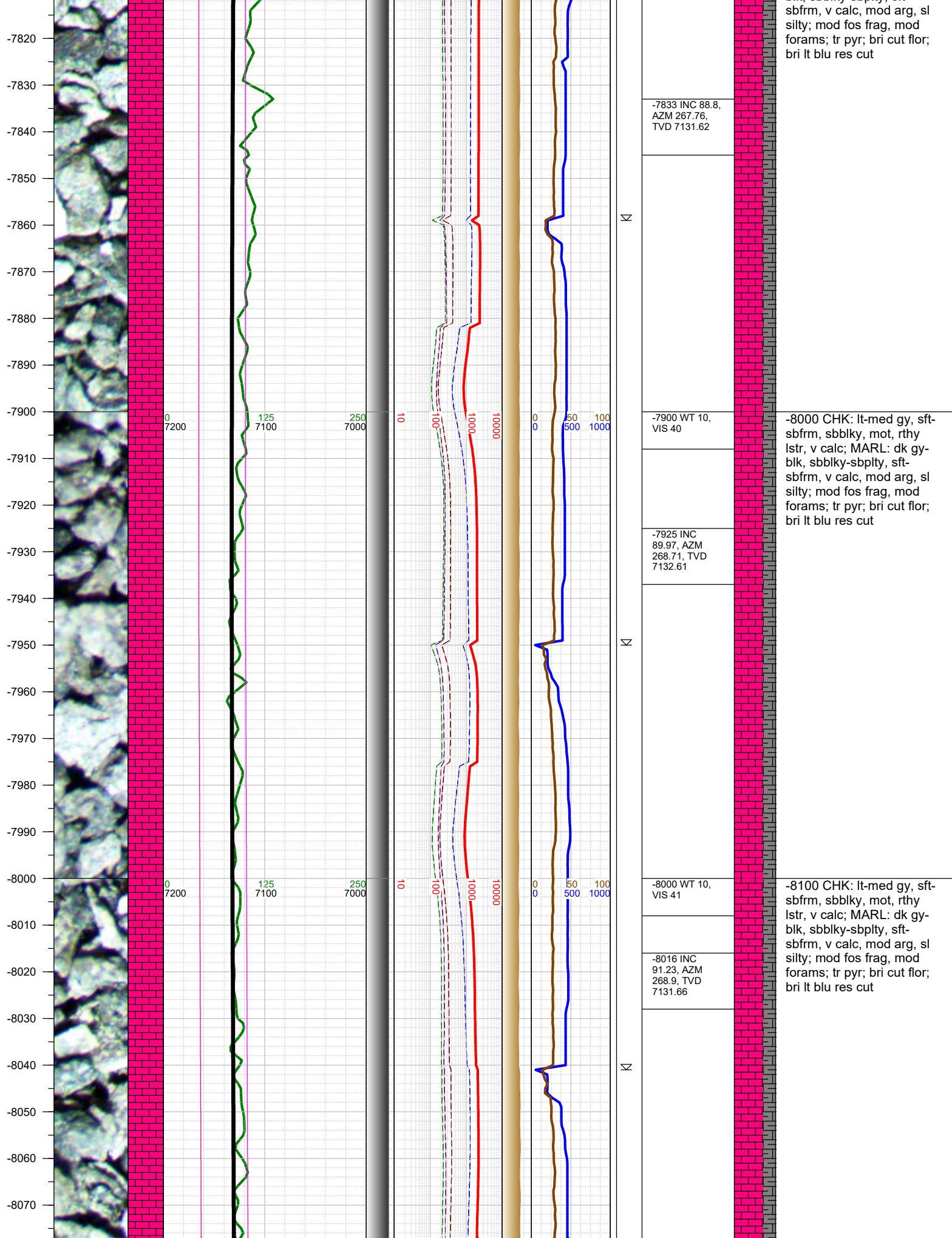


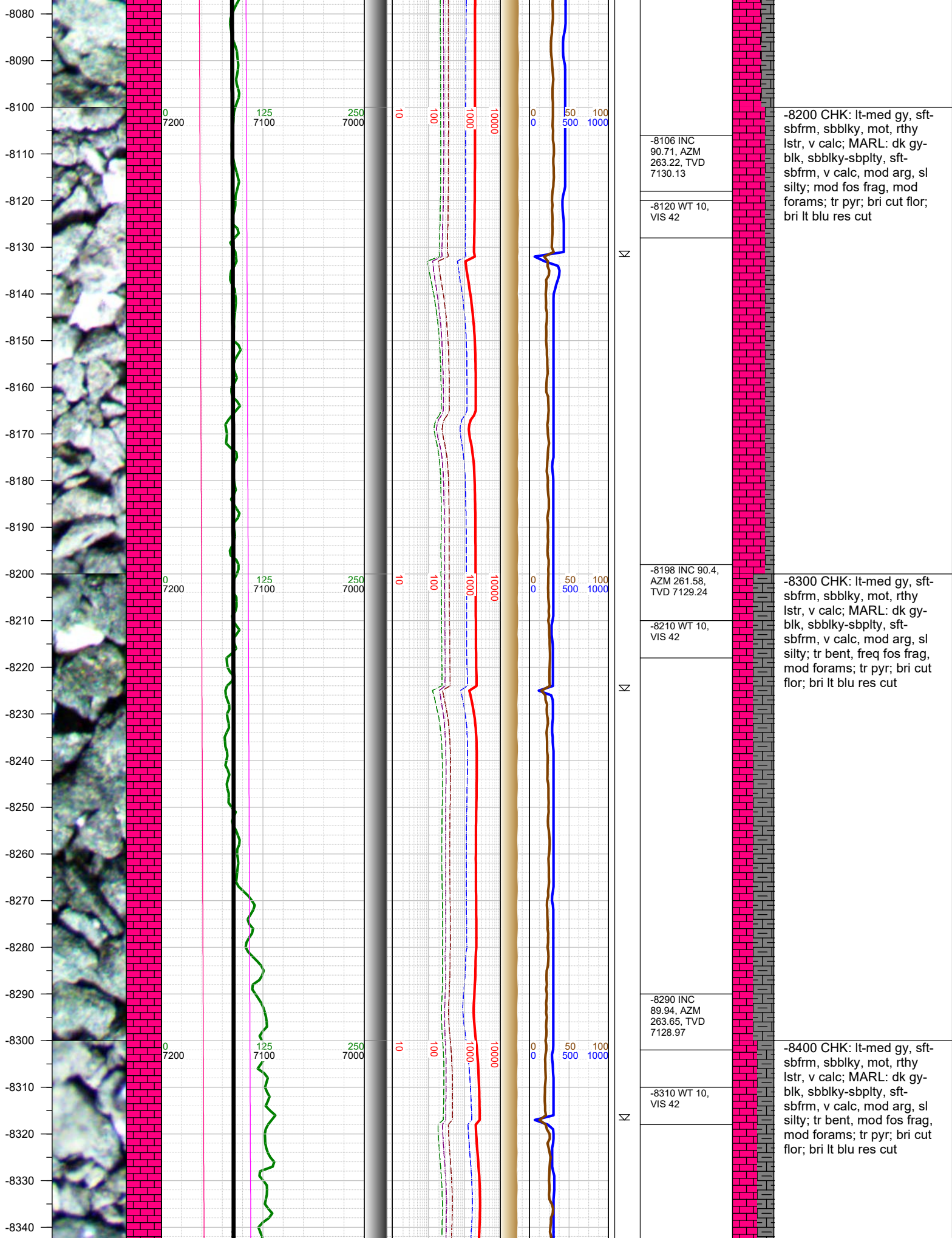


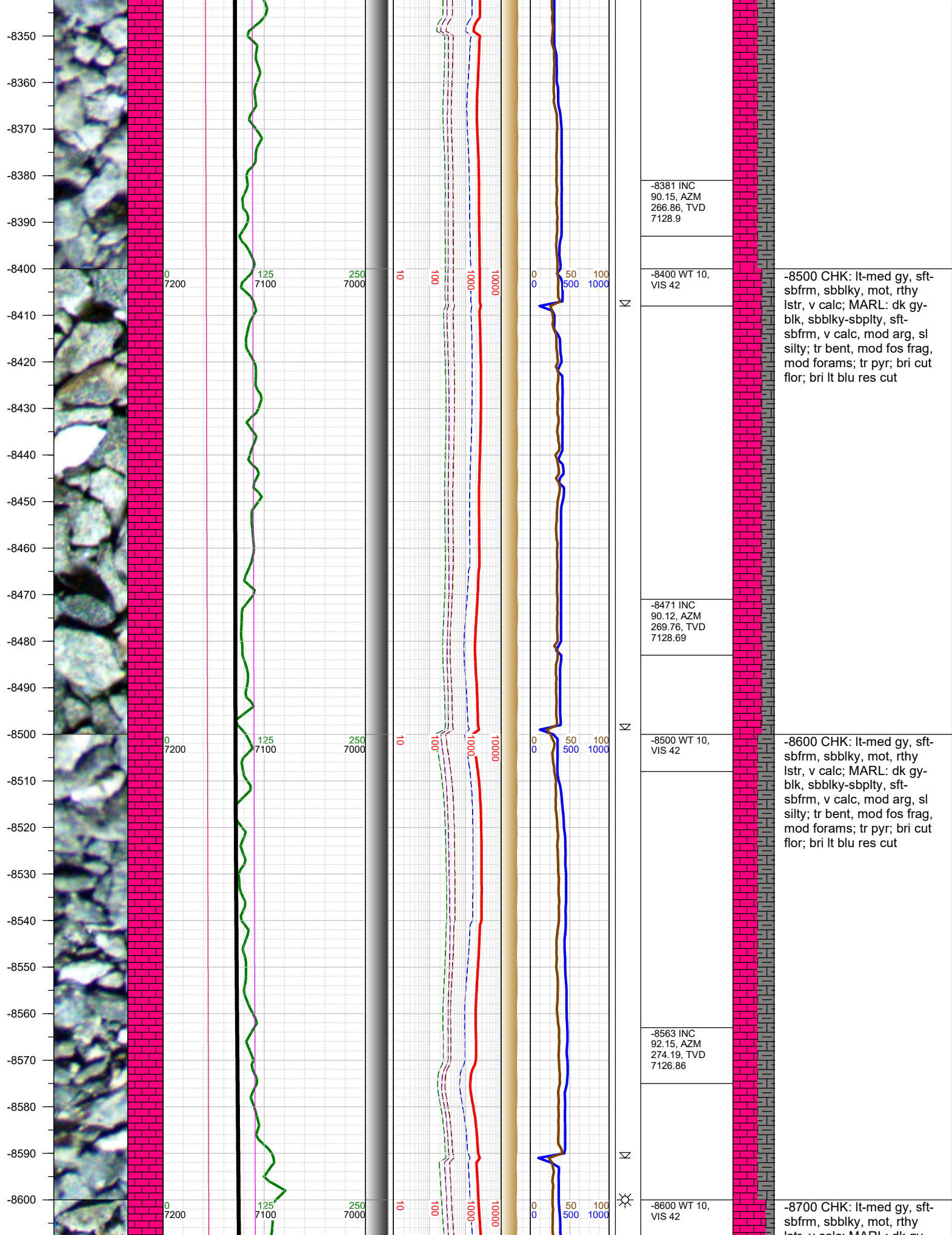


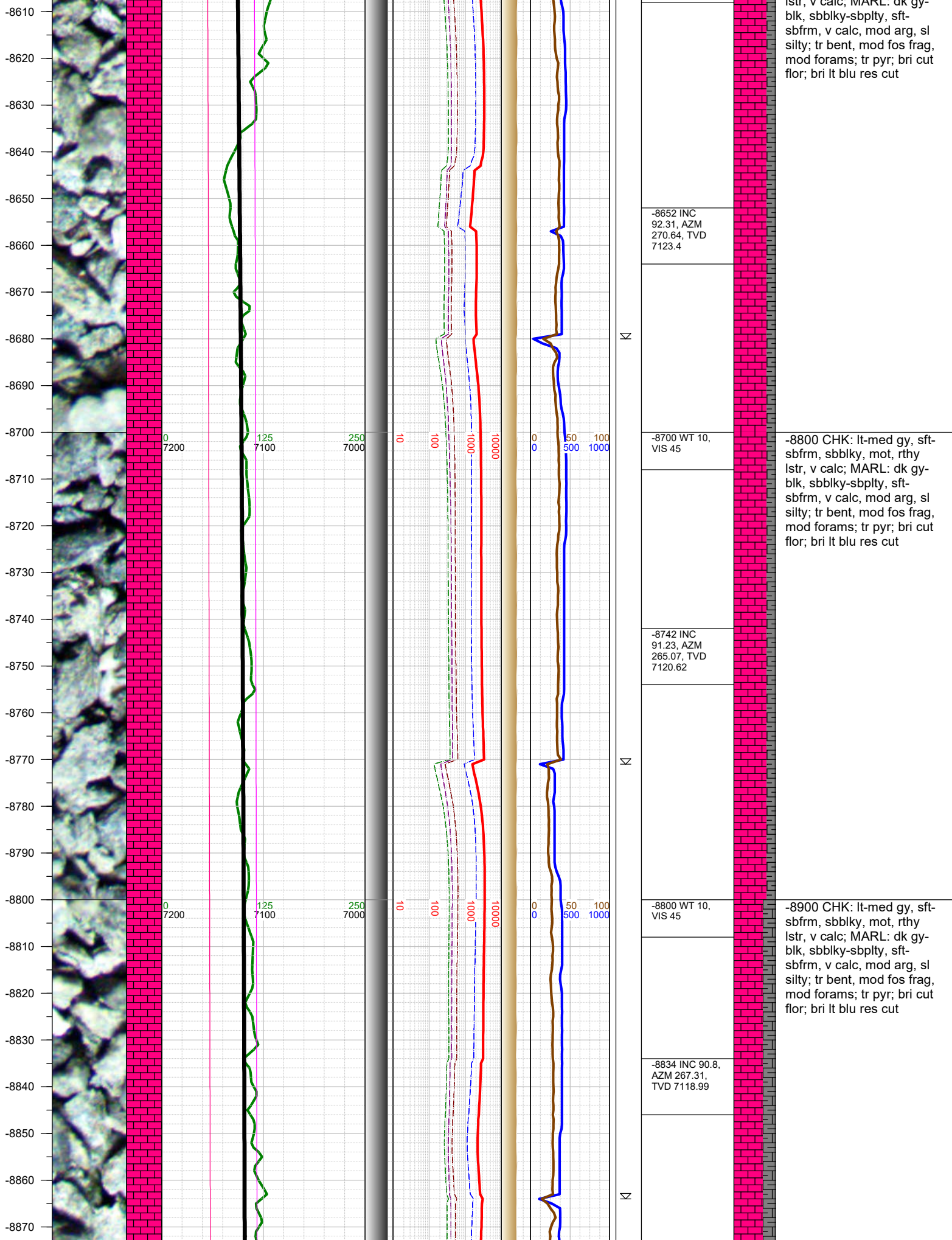


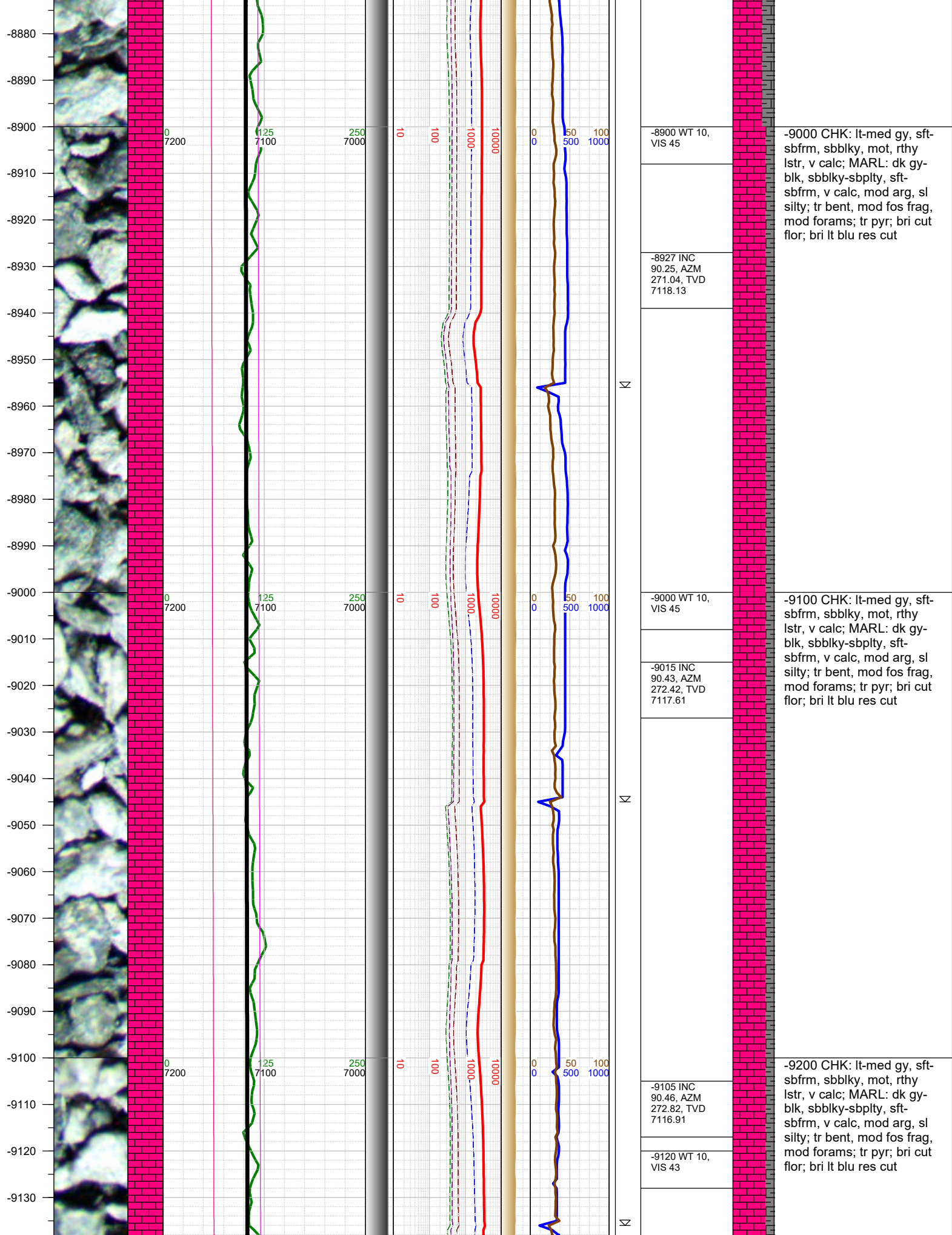


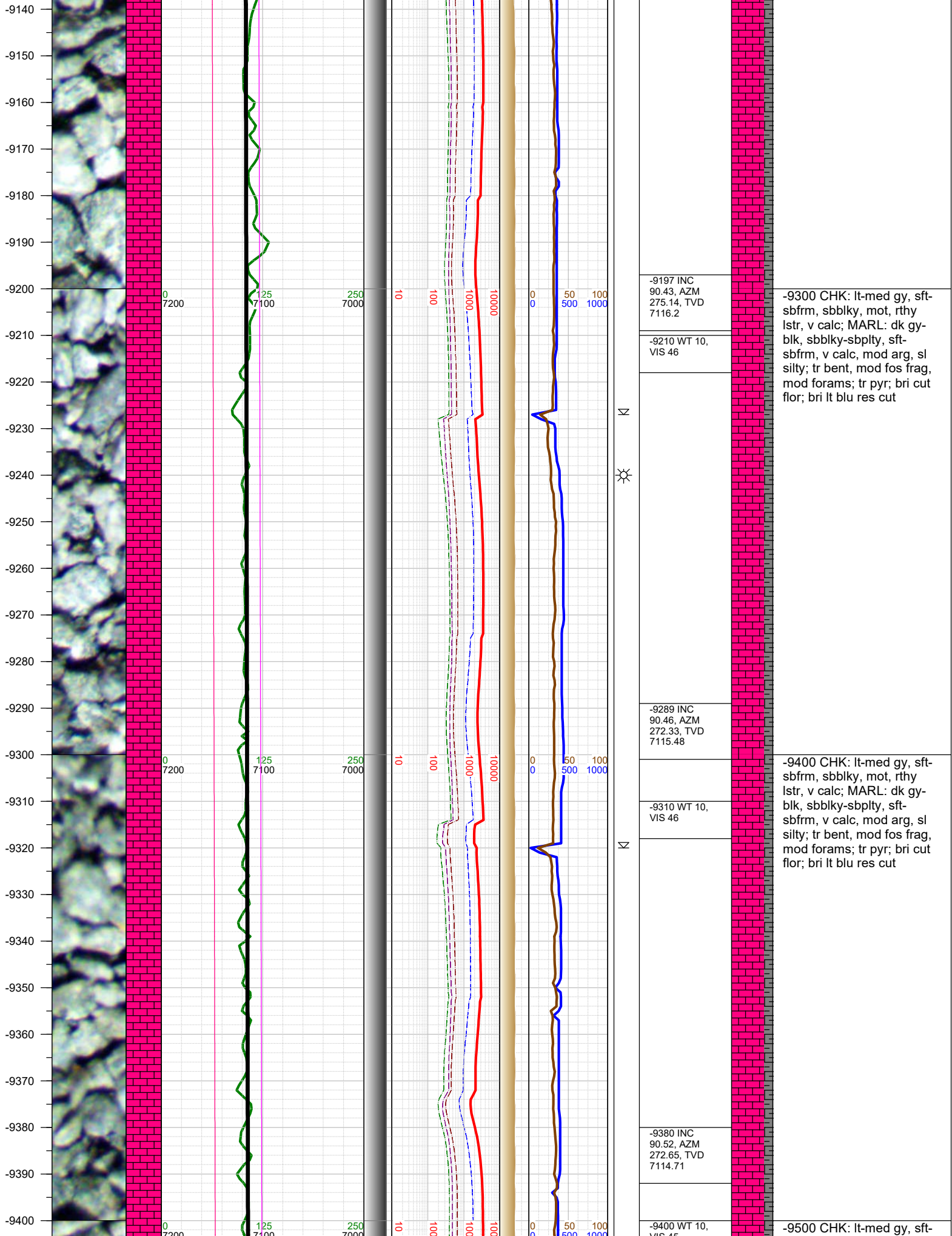


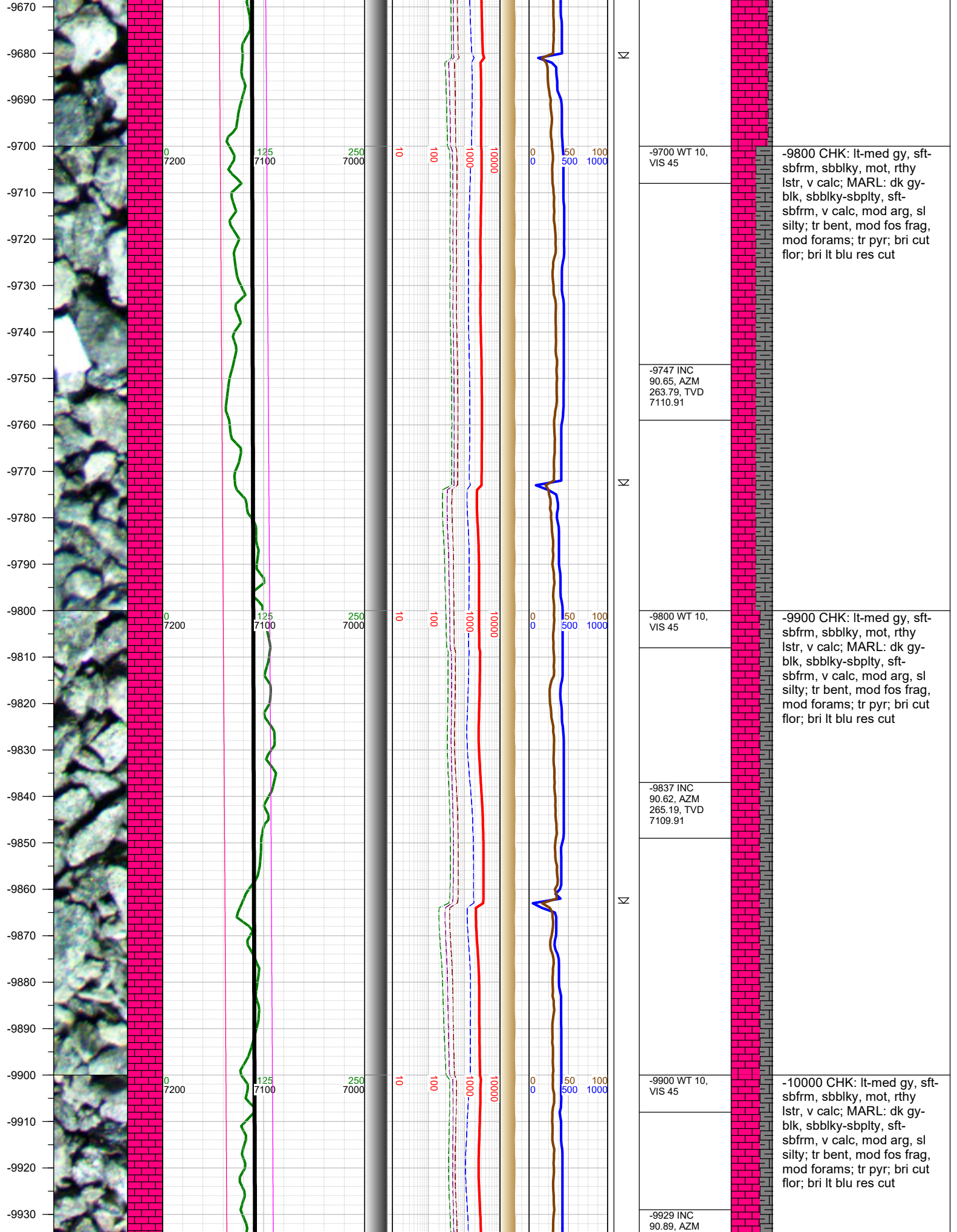


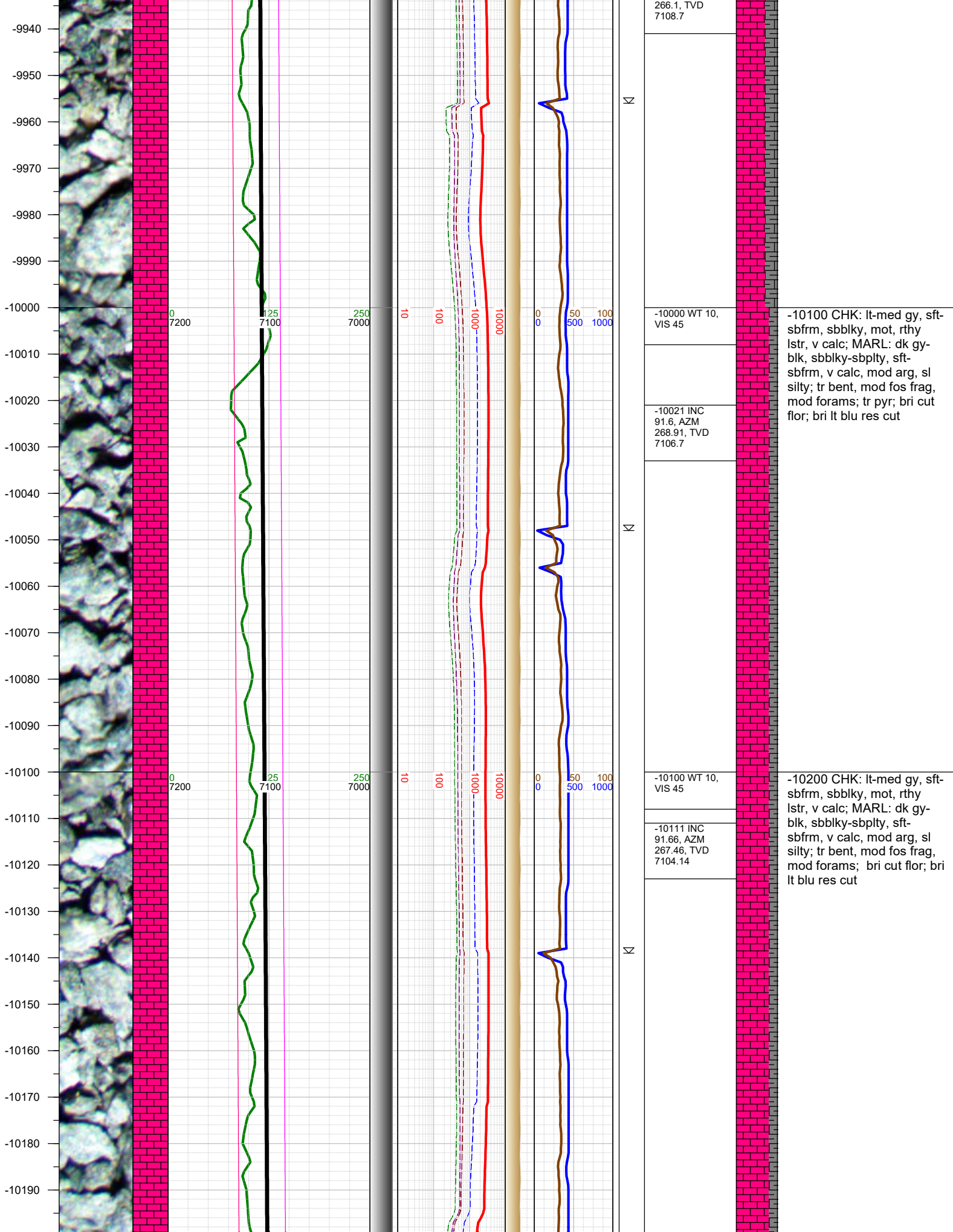


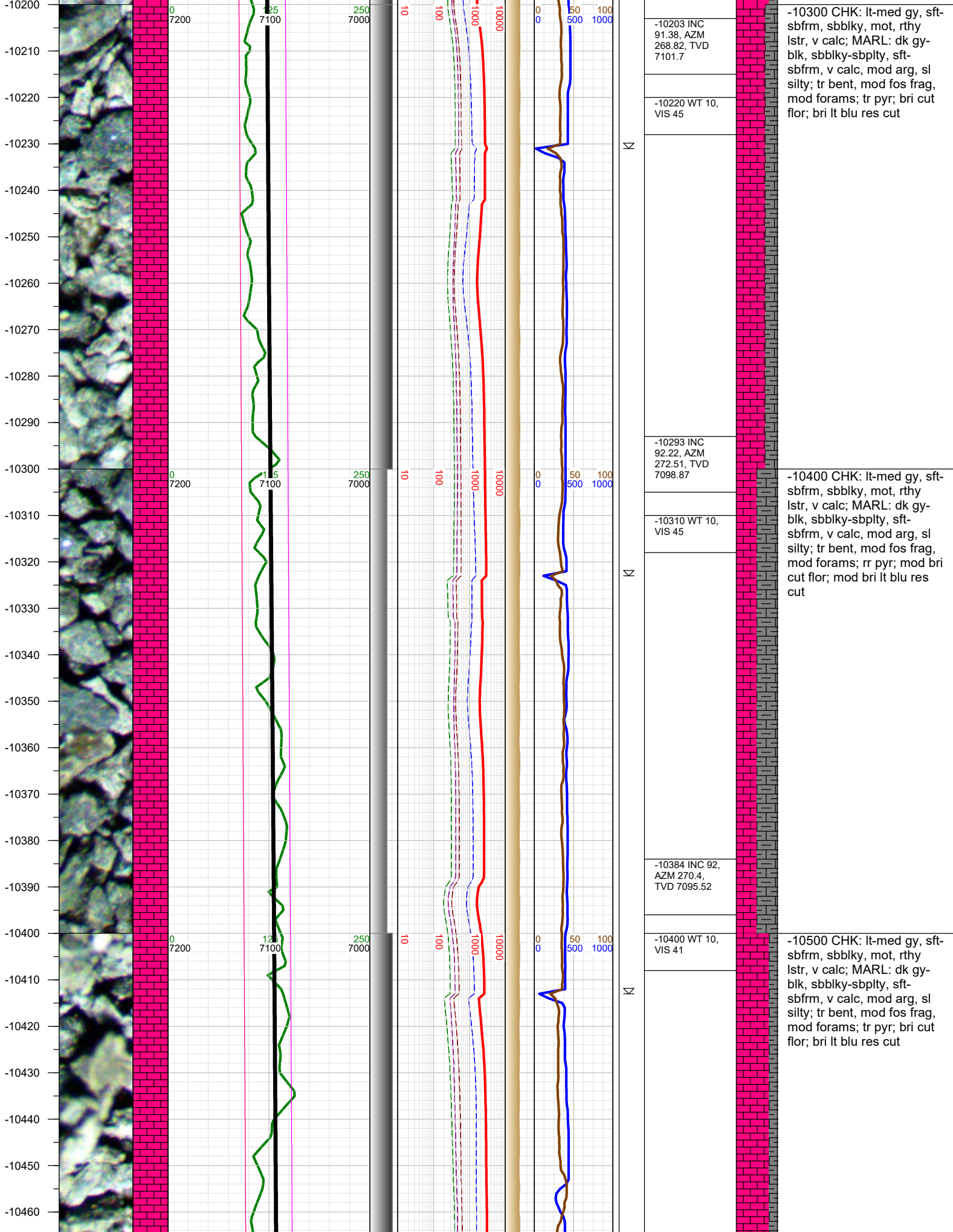


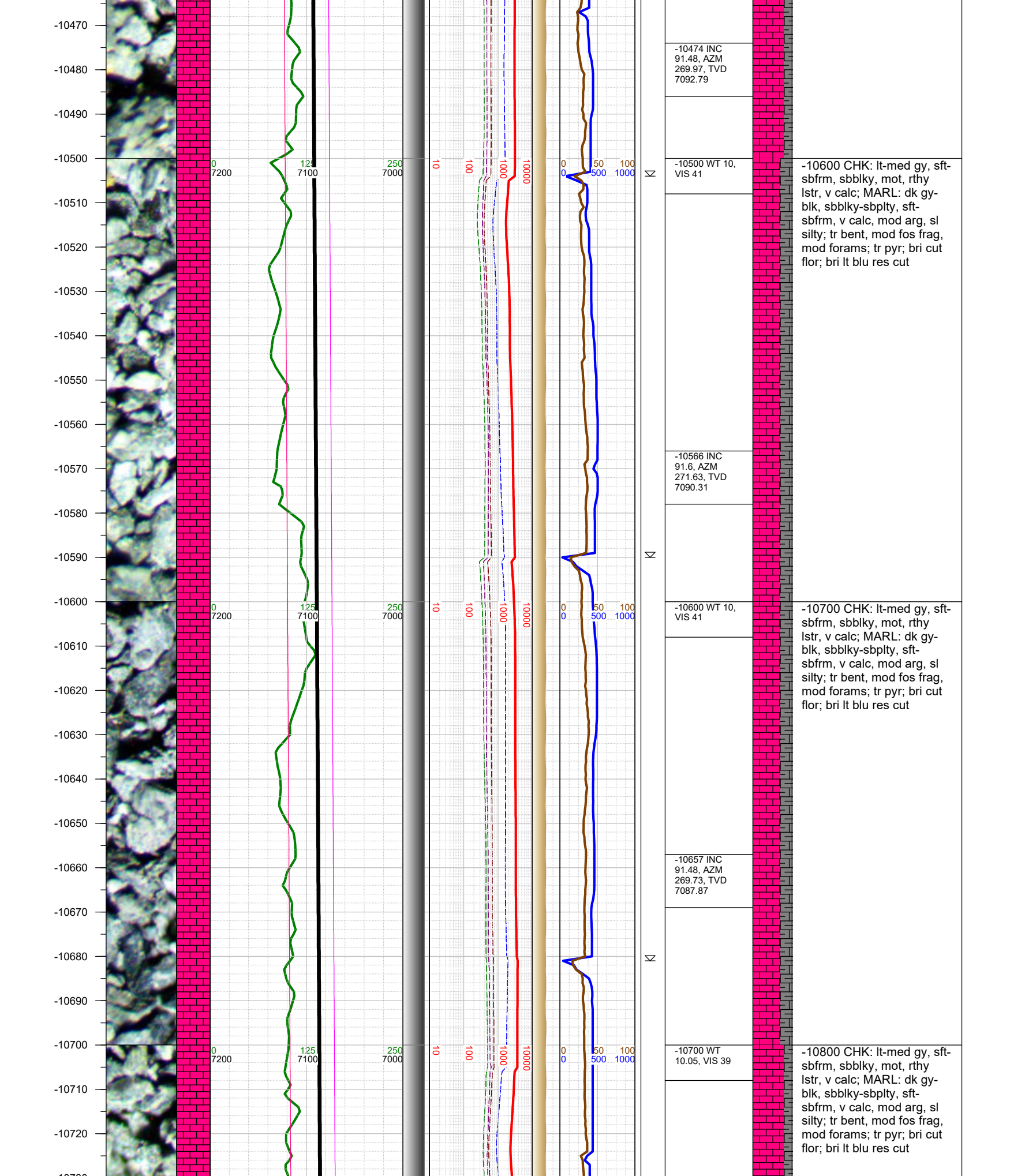


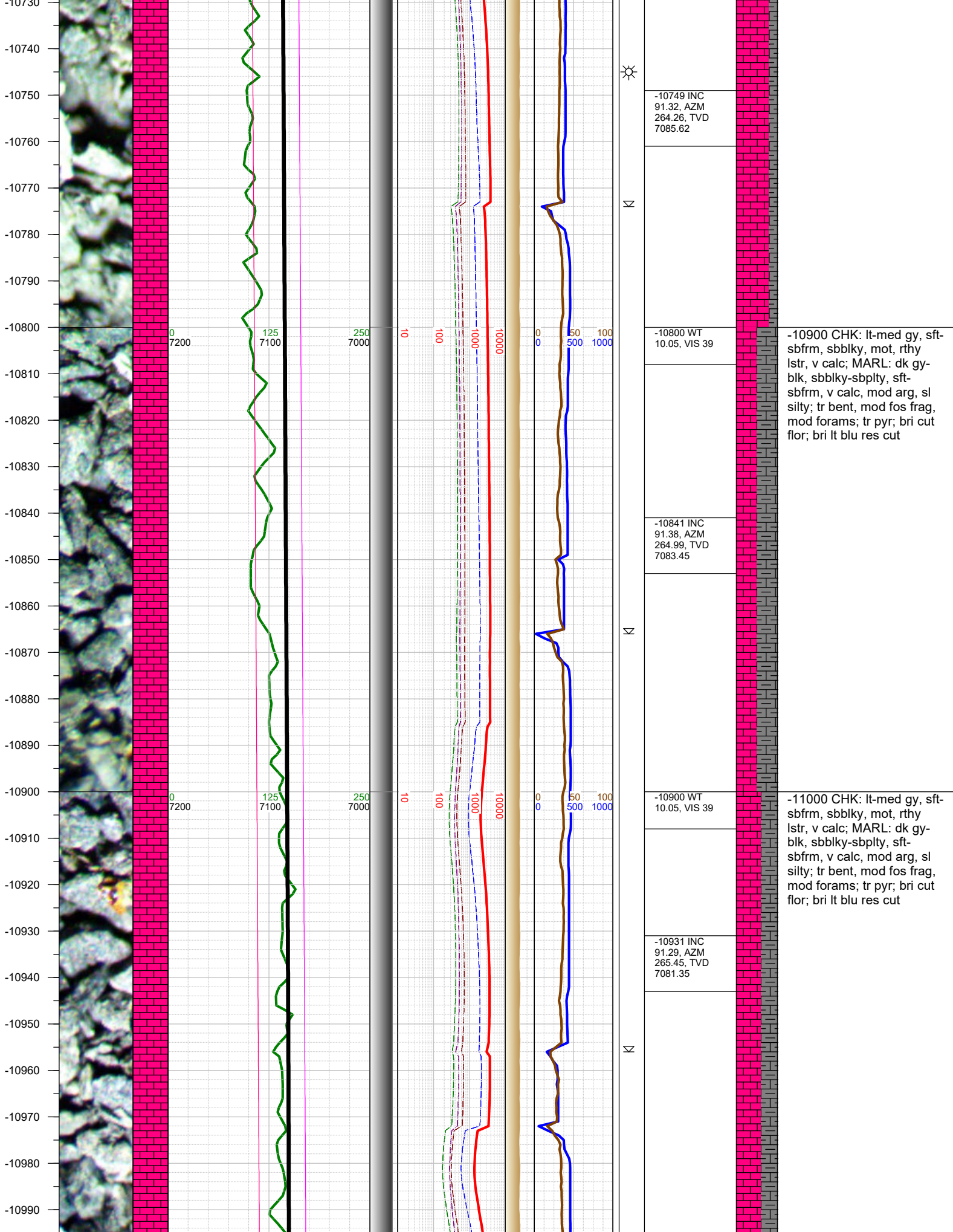


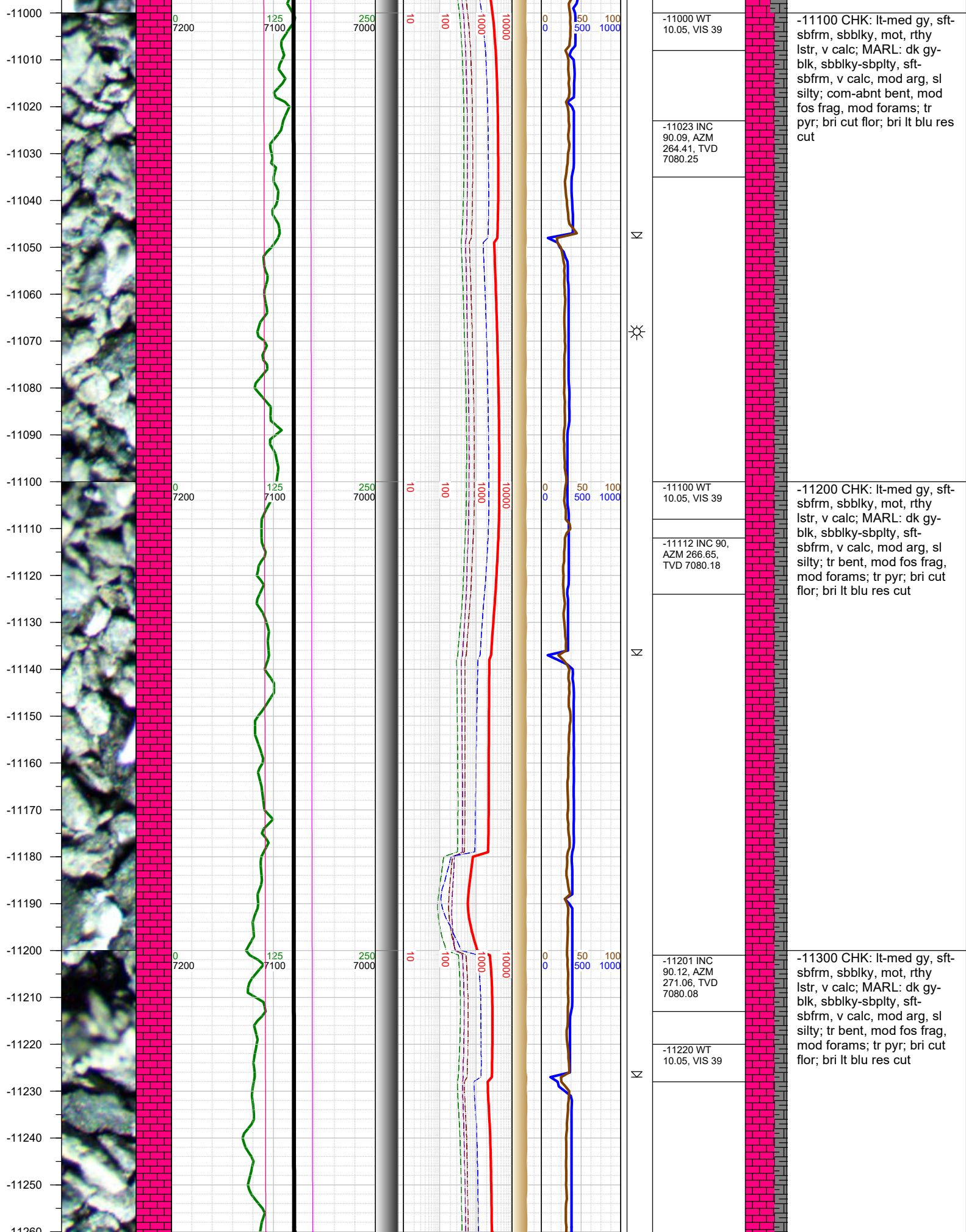


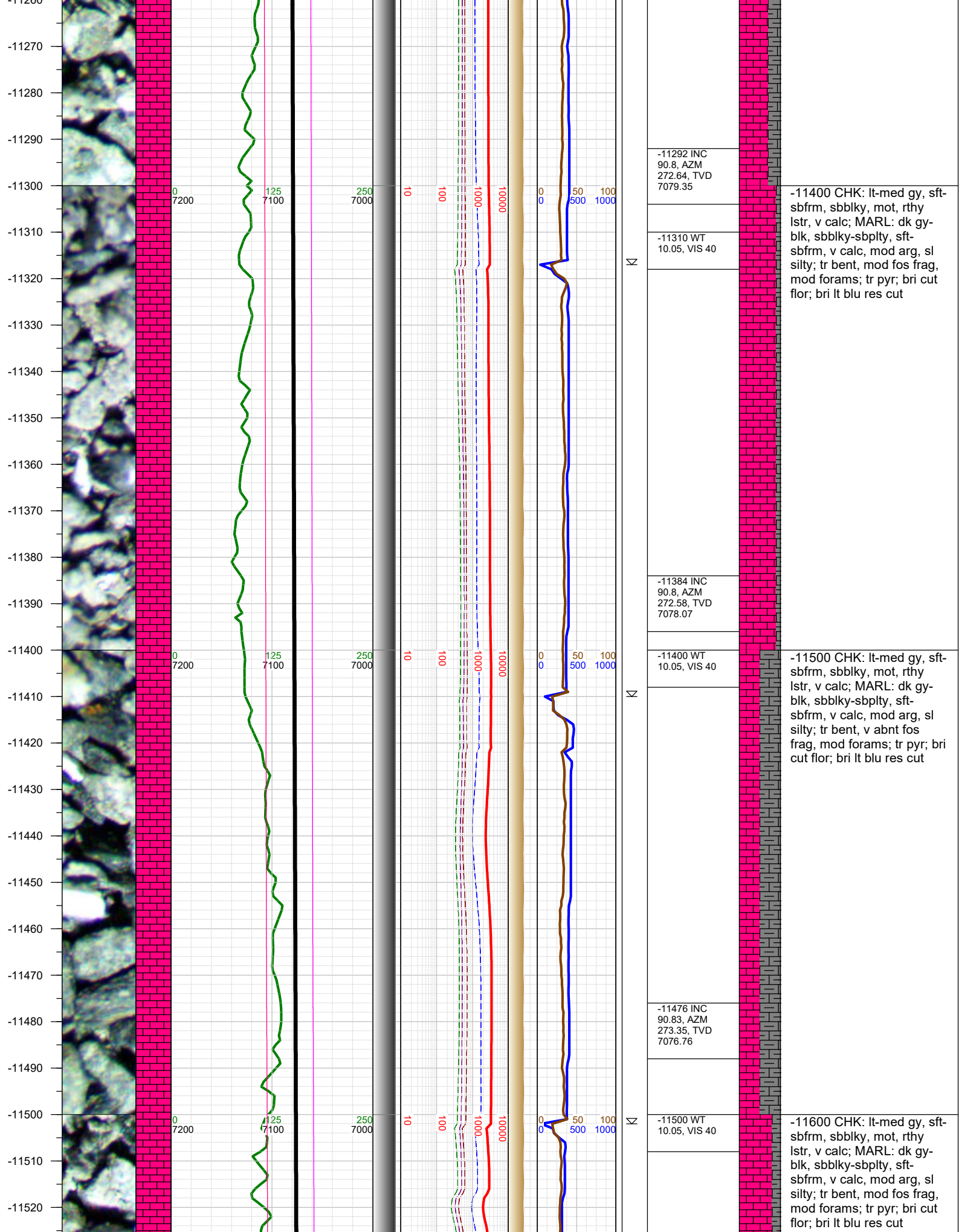


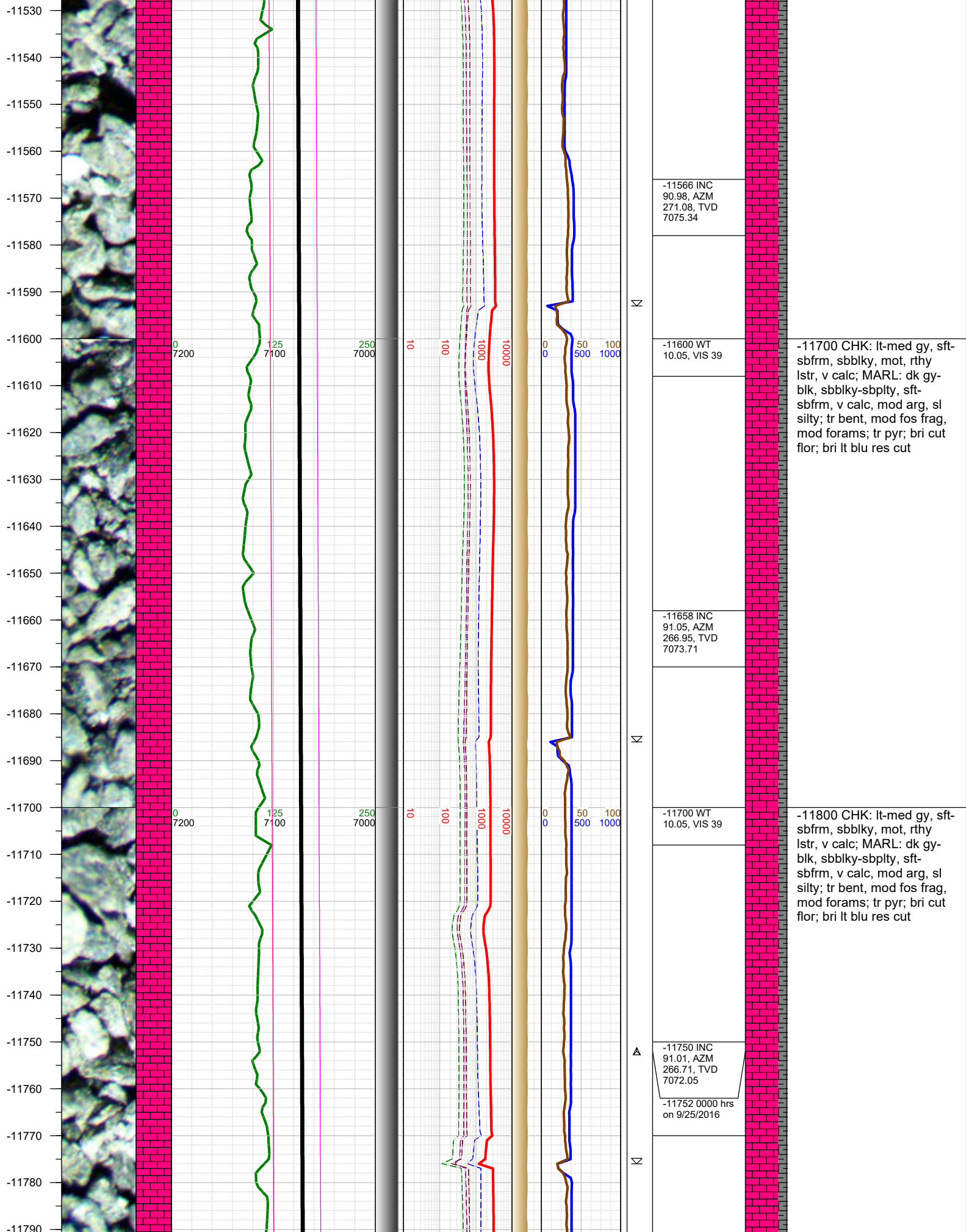


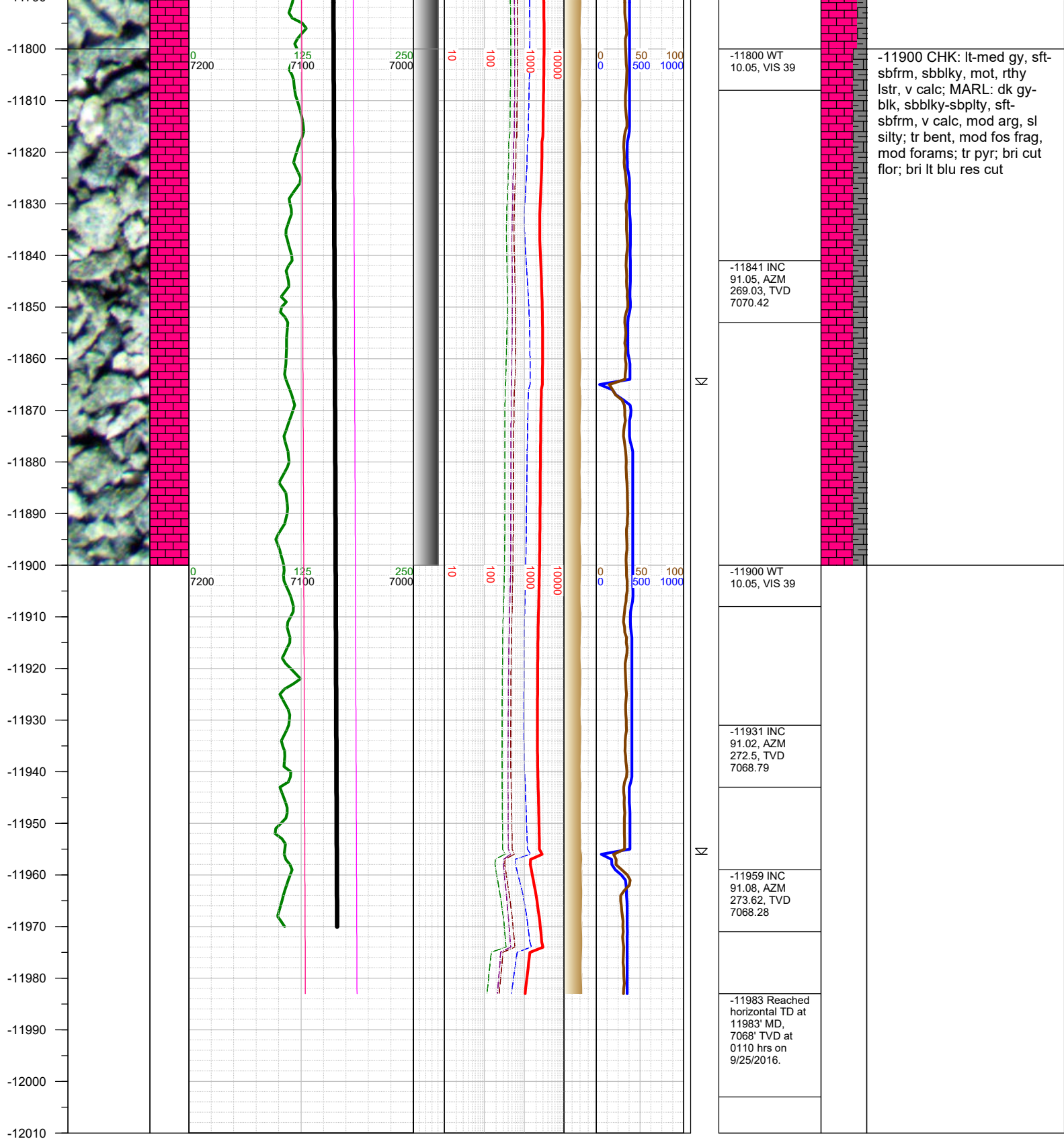












TOTAL DEPTH = 11983'

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