

OPERATOR: **Extraction Oil & Gas**

WELL NAME: **Jesser 3E-10-2C**

FIELD NAME: DJ Basin - Wattenberg

DRILLING RIG: Patterson 901

API #: 05-123-45658

LAT/LONG: 40.341698, -104.997856

SURFACE HOLE: NWSW S3-T4N-R68W, 2314' FSL, 376' FWL

BOTTOM HOLE: S3-T4N-R68W, 330' FNL, 460' FEL



Earth Science Agency, LLC

COUNTY: Weld

STATE: Colorado

GROUND ELEVATION: 5114'

KELLY BUSHING: 5143'

DRILLING FLUID: OBM

TVD VS. MD: 7290' / 12415'

SPUD DATE: November 26, 2017

TD DATE: November 29, 2017

DEPTHS LOGGED: 6000' - 12415'

DATES LOGGED: November 26, 2017 - November 29, 2017

GEOLOGISTS: Blake Eatherton, Dominic Pitre

SCALE: 5" = 100'

#### LEGEND

CHALK

LIMESTONE

SHALY LIMESTONE

MARLSTONE

CALCAREOUS SHALE

DOLOMITE

SHALE

SILTY SHALE

SHALY SILTSTONE

SHALY SANDSTONE

SANDSTONE

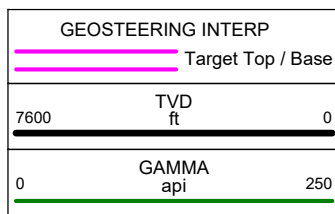
ANHYDRITE

FORMATION  $\approx$  CONNECTION  $\Delta$  MIDNIGHT NEW BIT GAS SHOW FAULT

MEASURED DEPTH (FT)

PHOTOS

MUDLOGGER INTERP



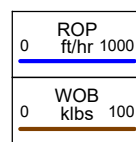
F > B

#### GAS

Total  
C1  
C2  
C3  
C4

Units - Log Scale

MUD VOL. 800 bbl

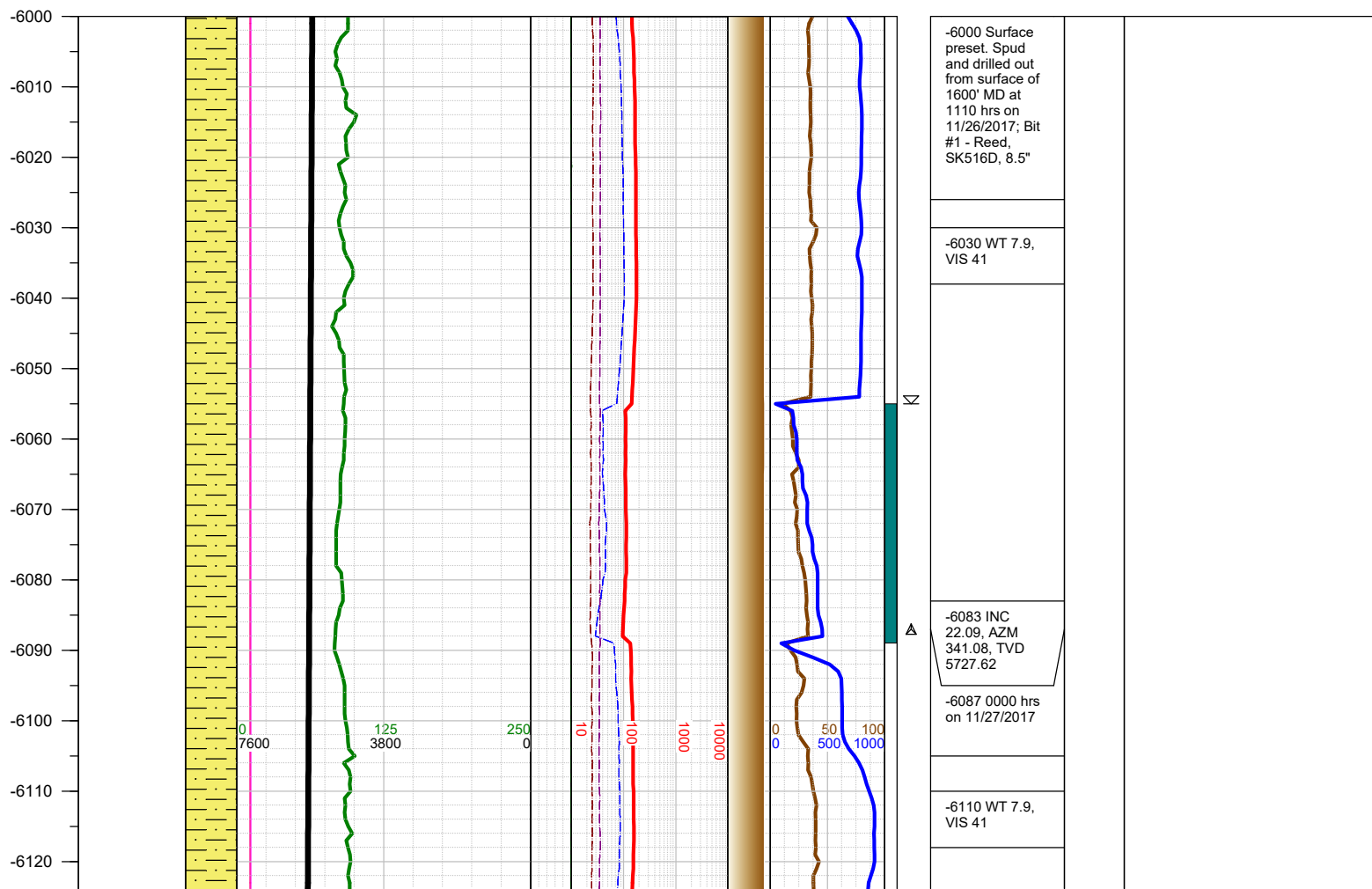


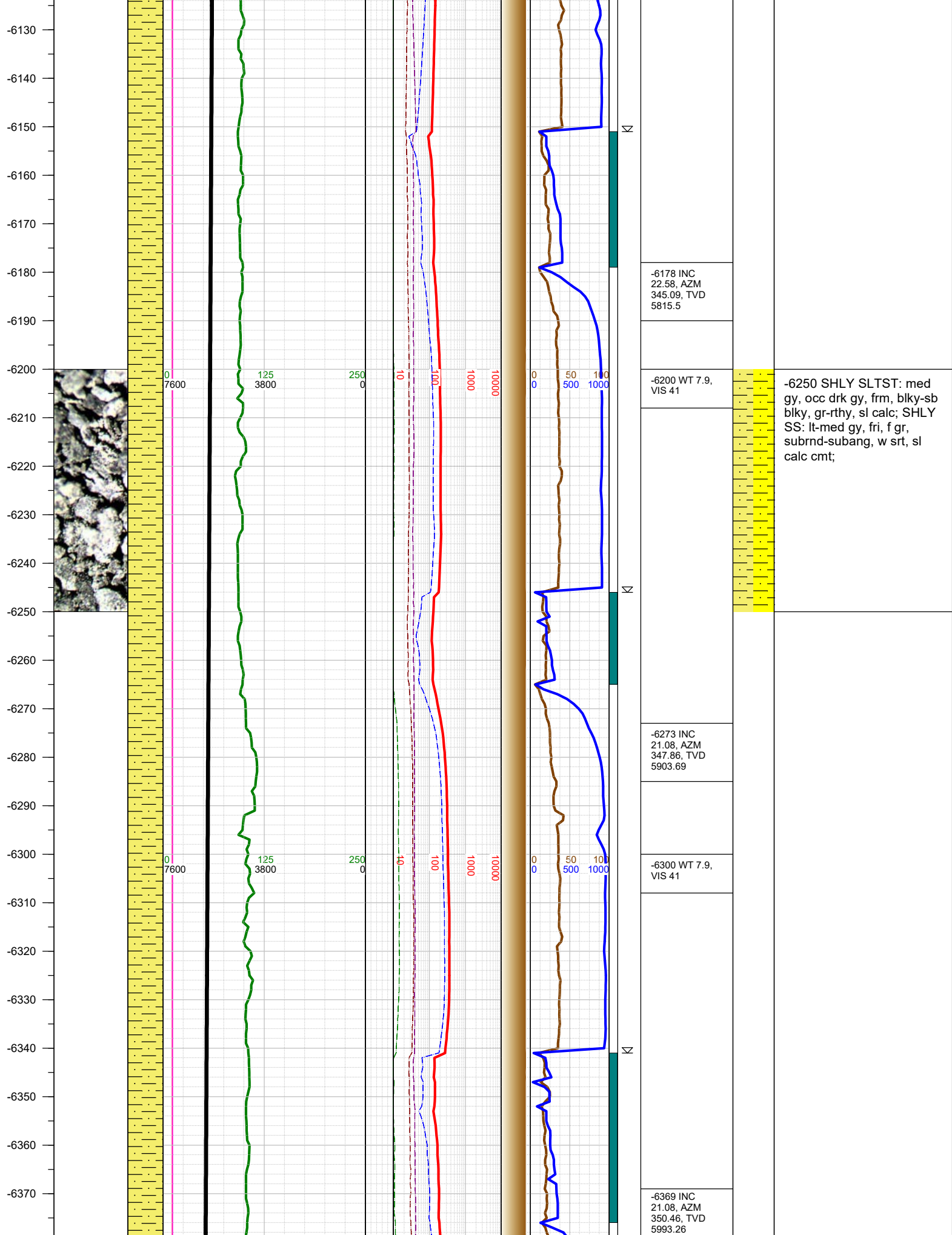
SLIDES  
SYMBOLS

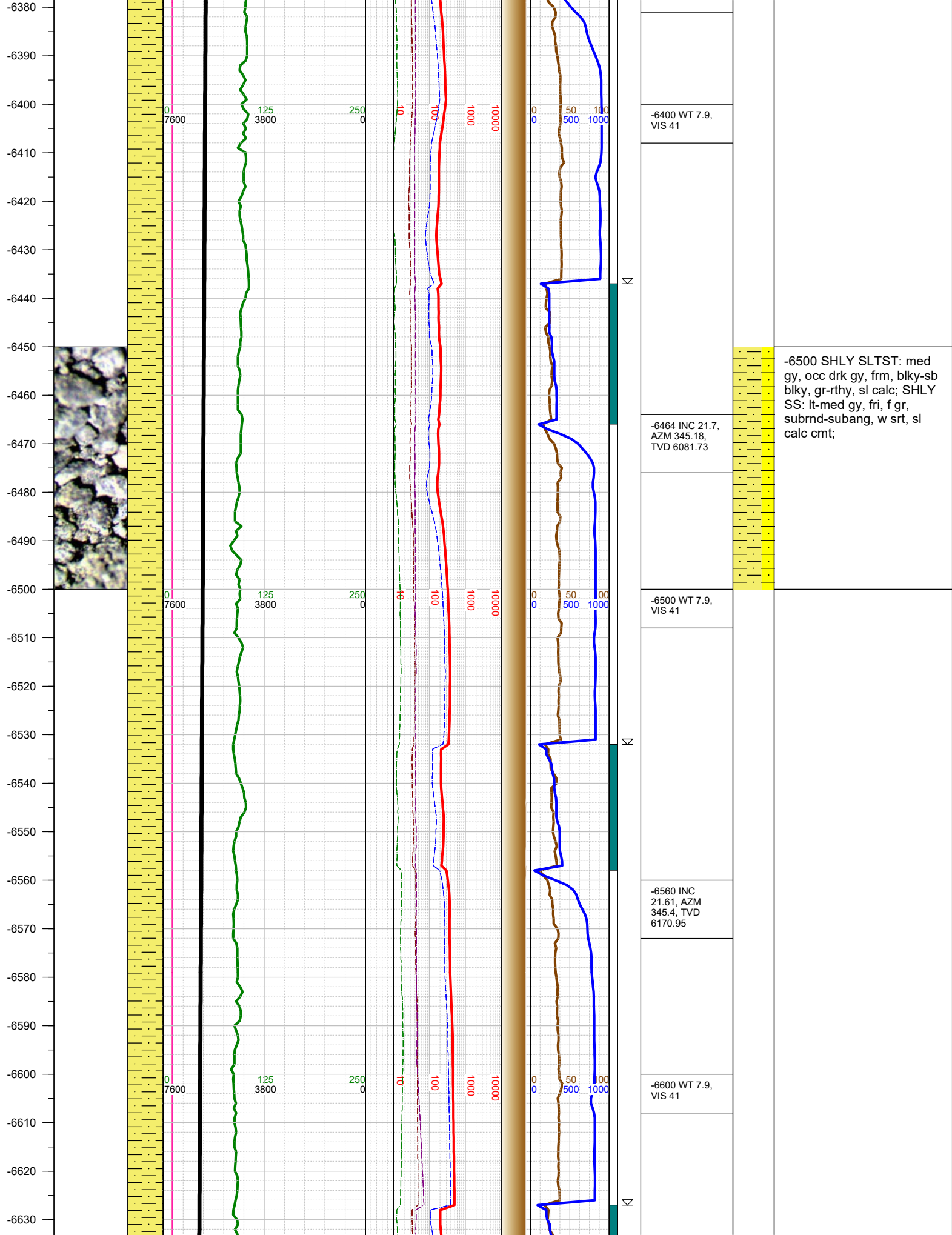
COMMENTS

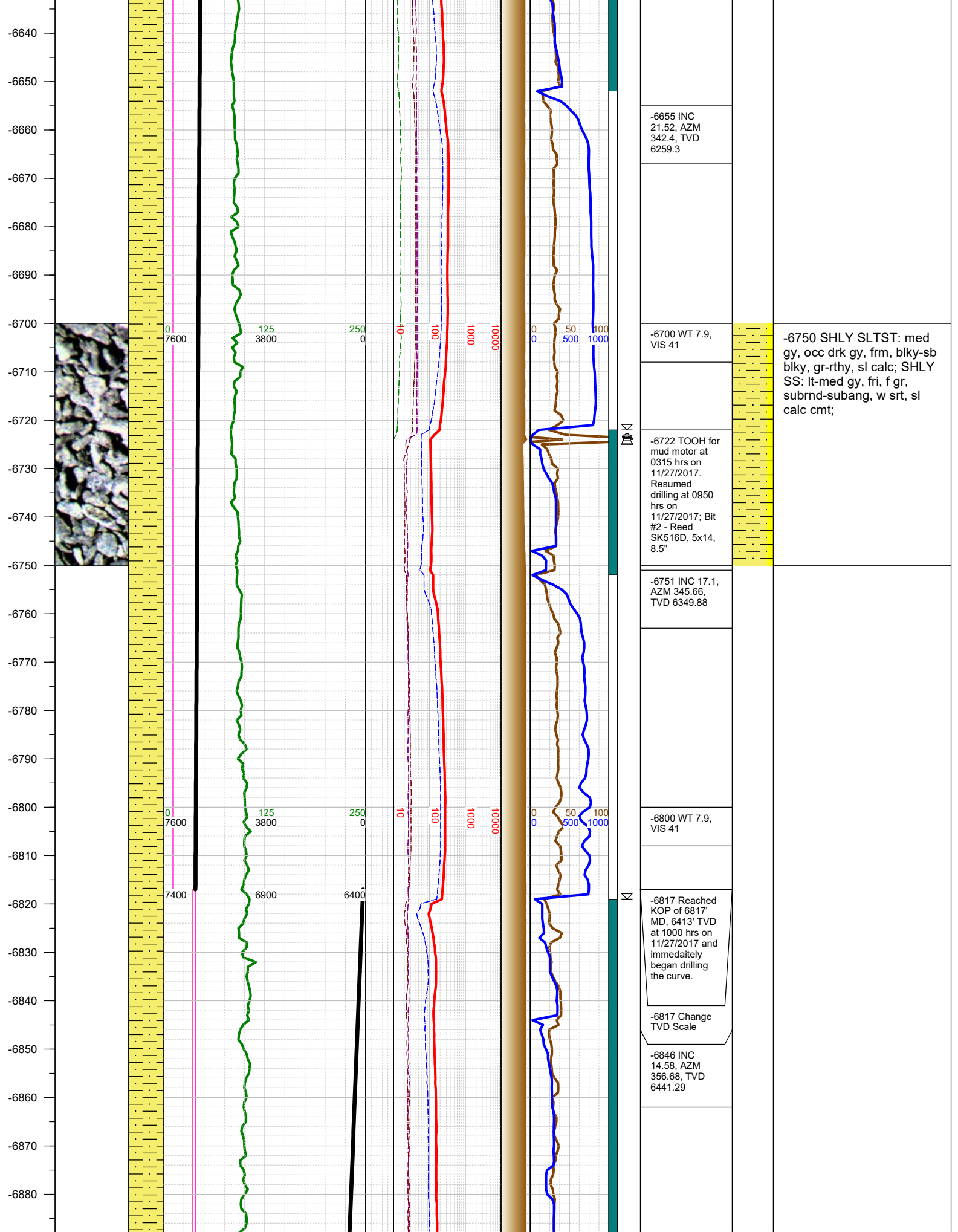
CUTTINGS %

SAMPLE DESCRIPTION

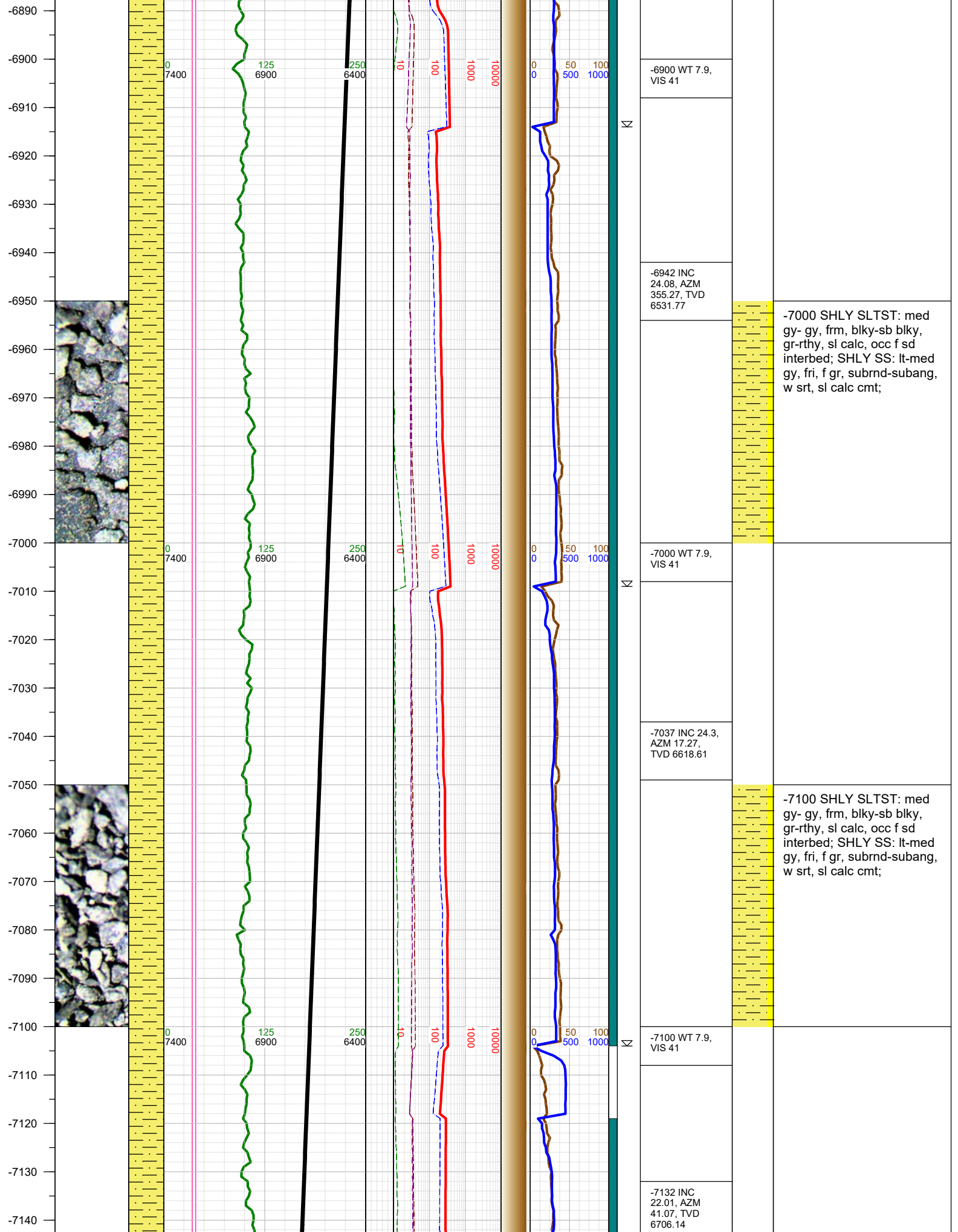


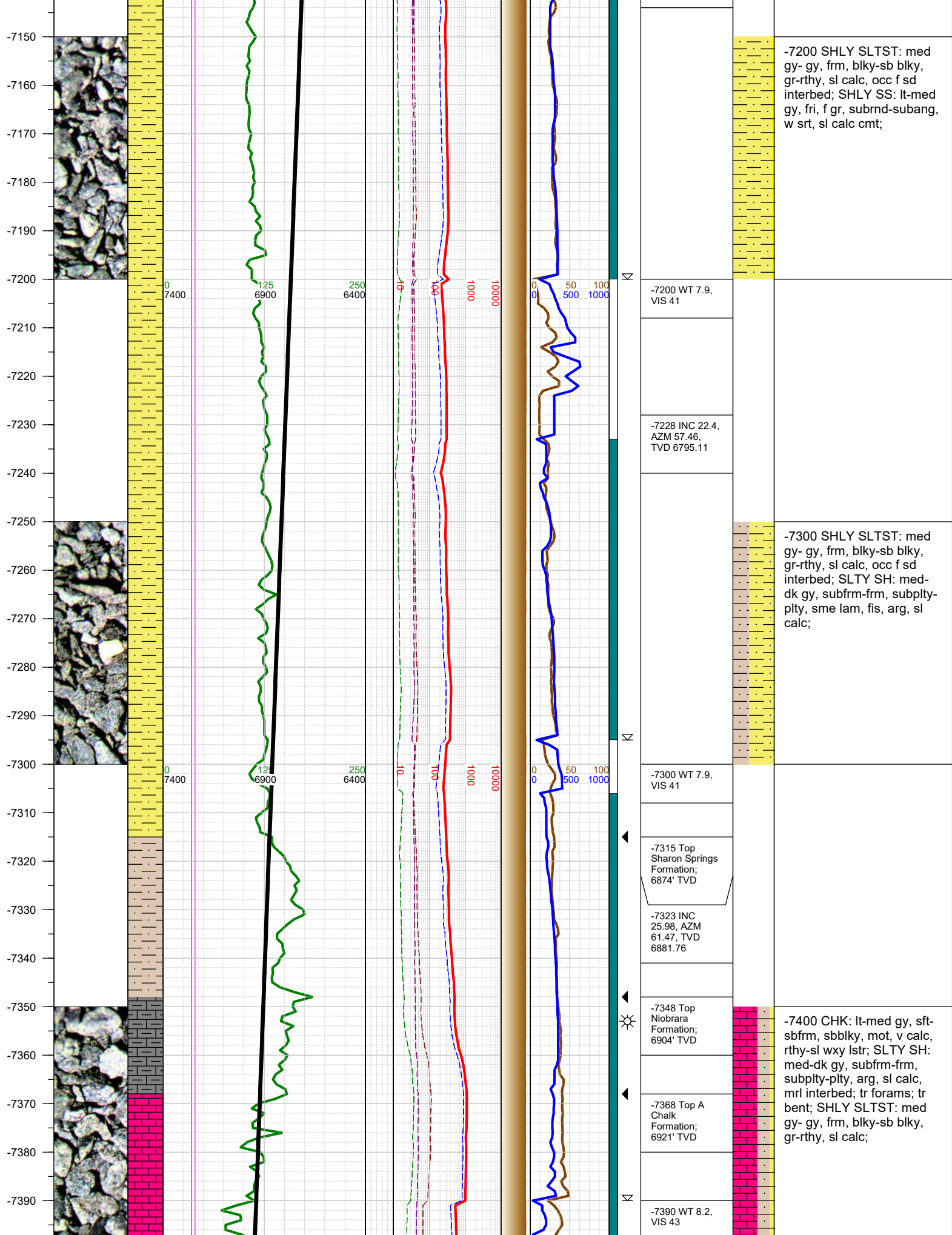


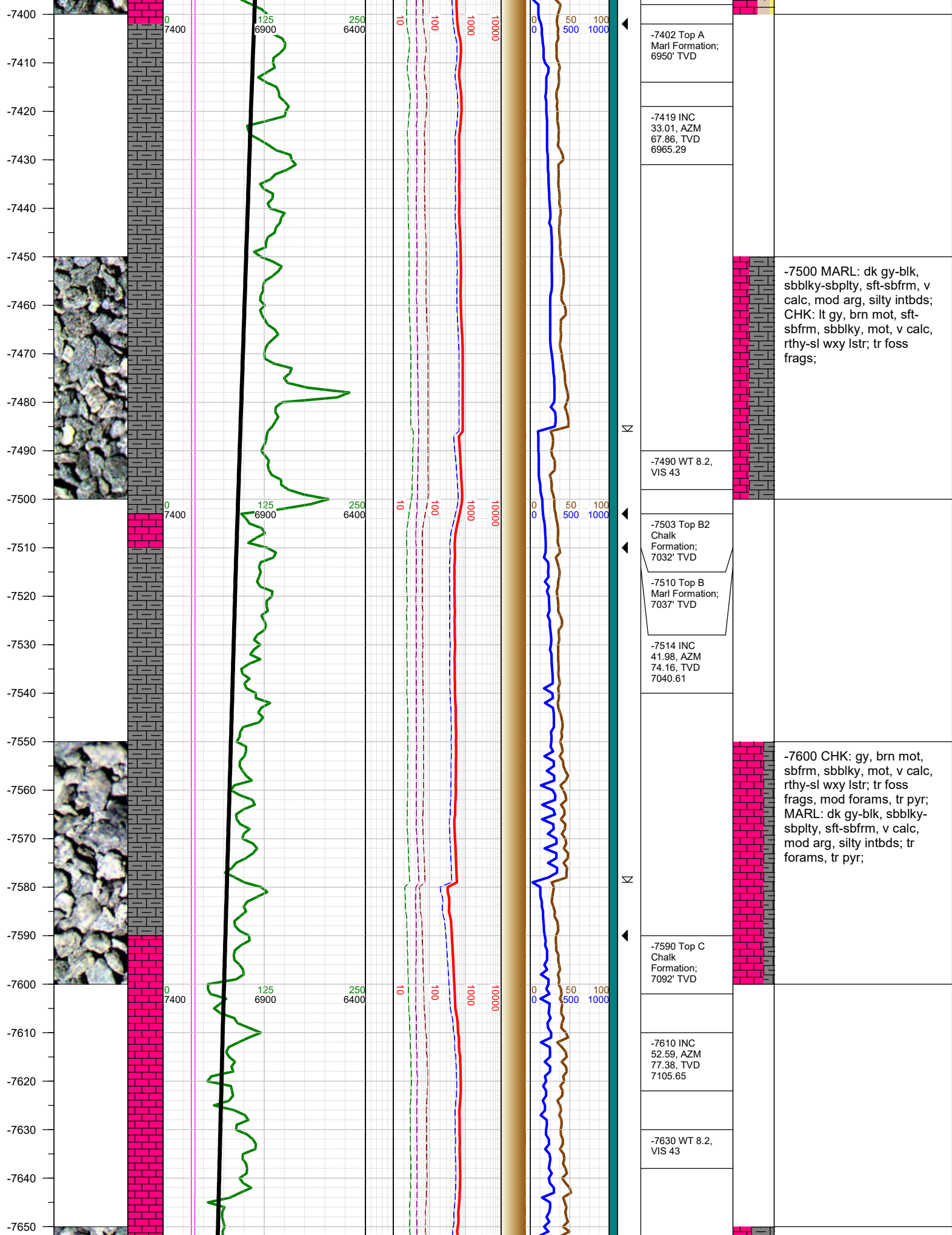










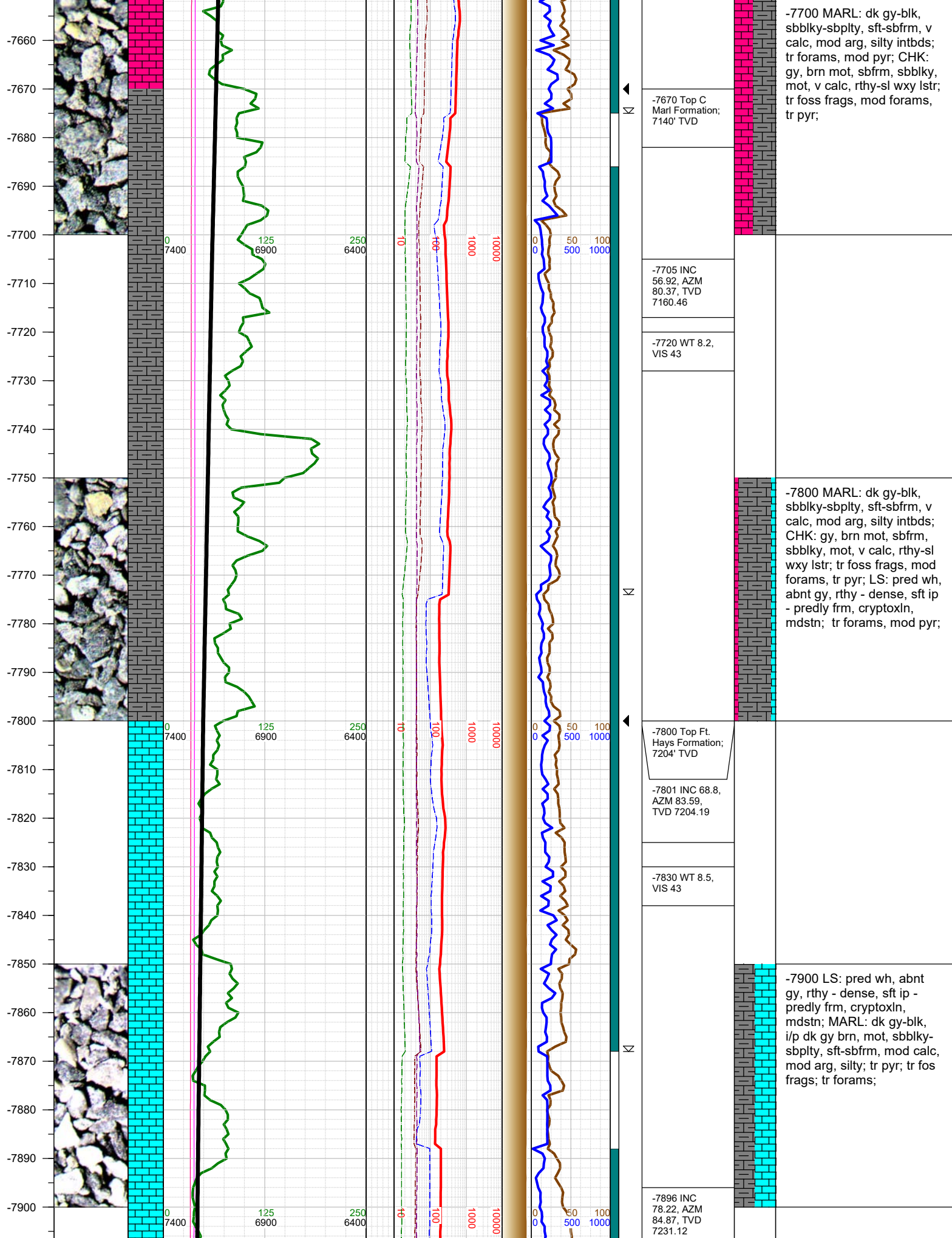


-7402 Top A Marl Formation; 6950' TVD		
-7419 INC 33.01, AZM 67.86, TVD 6965.29		
-7490 WT 8.2, VIS 43		
-7503 Top B2 Chalk Formation; 7032' TVD		
-7510 Top B Marl Formation; 7037' TVD		
-7514 INC 41.98, AZM 74.16, TVD 7040.61		
-7590 Top C Chalk Formation; 7092' TVD		
-7610 INC 52.59, AZM 77.38, TVD 7105.65		
-7630 WT 8.2, VIS 43		

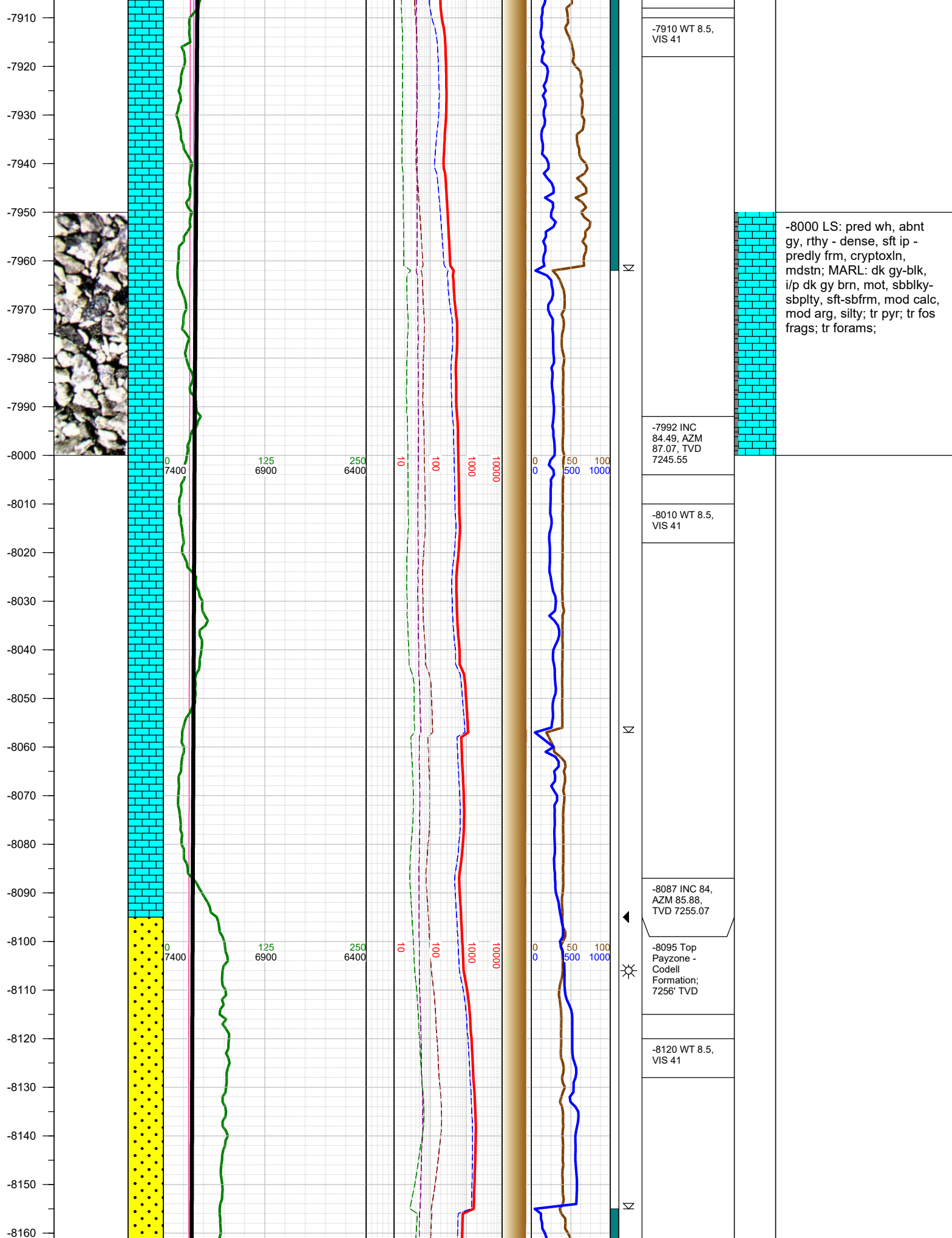
-7500 MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, v calc, mod arg, silty intbds; CHK: lt gy, brn mot, sft-sbfrm, sbblky, mot, v calc, rthy-sl wxy lstr; tr foss frags;

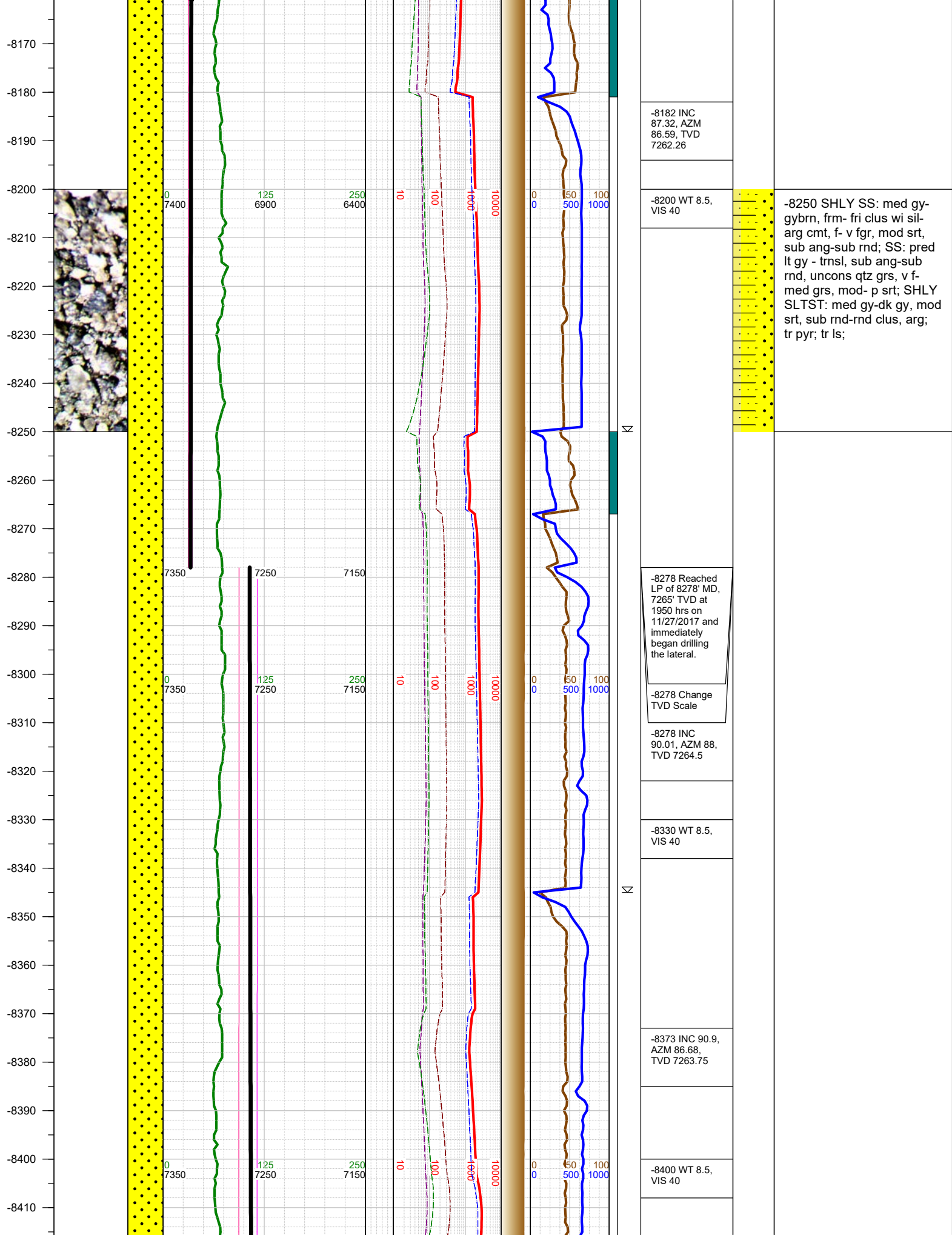
-7600 CHK: gy, brn mot, sbfrm, sbblky, mot, v calc, rthy-sl wxy lstr; tr foss frags, mod forams, tr pyr; MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, v calc, mod arg, silty intbds; tr forams, tr pyr;

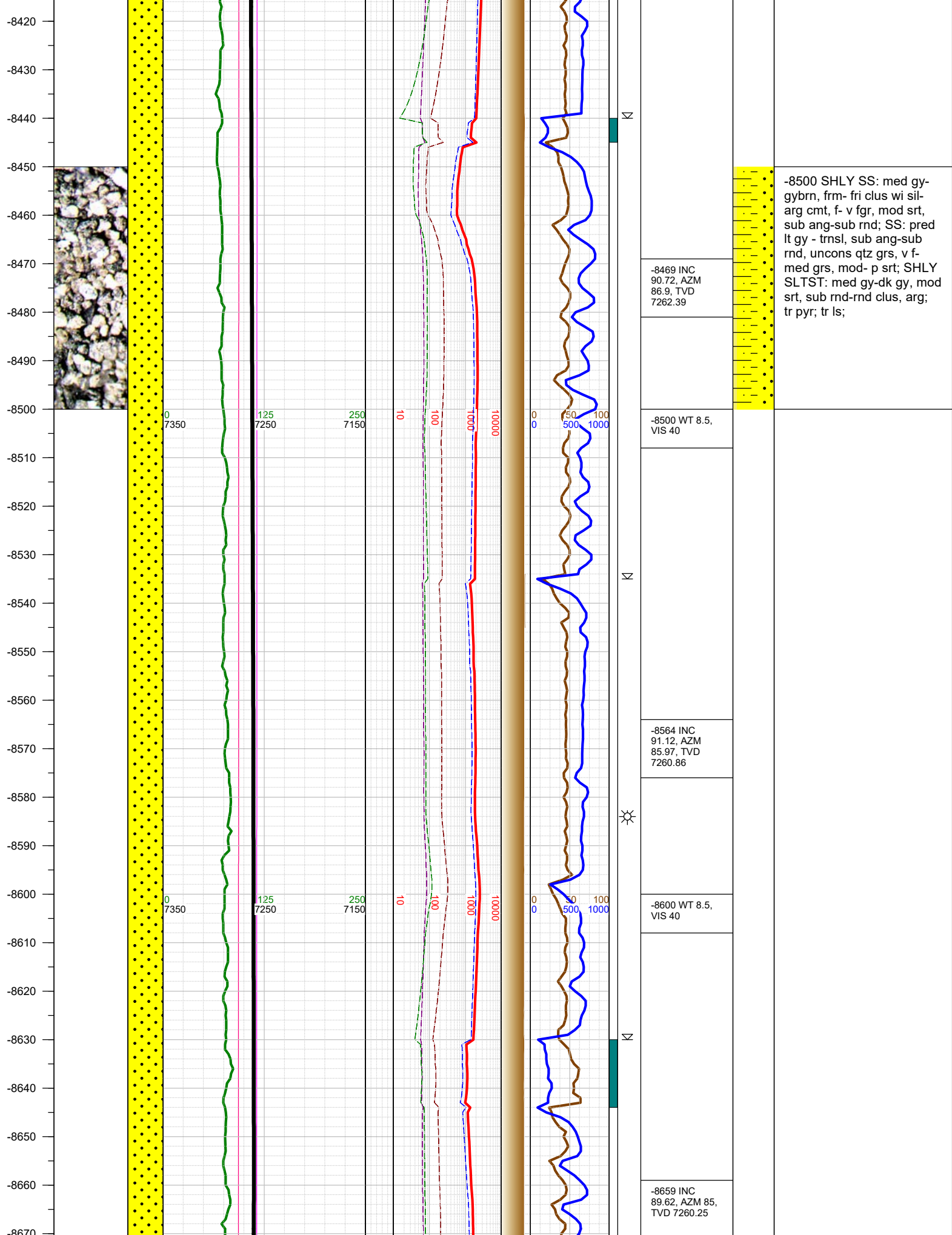




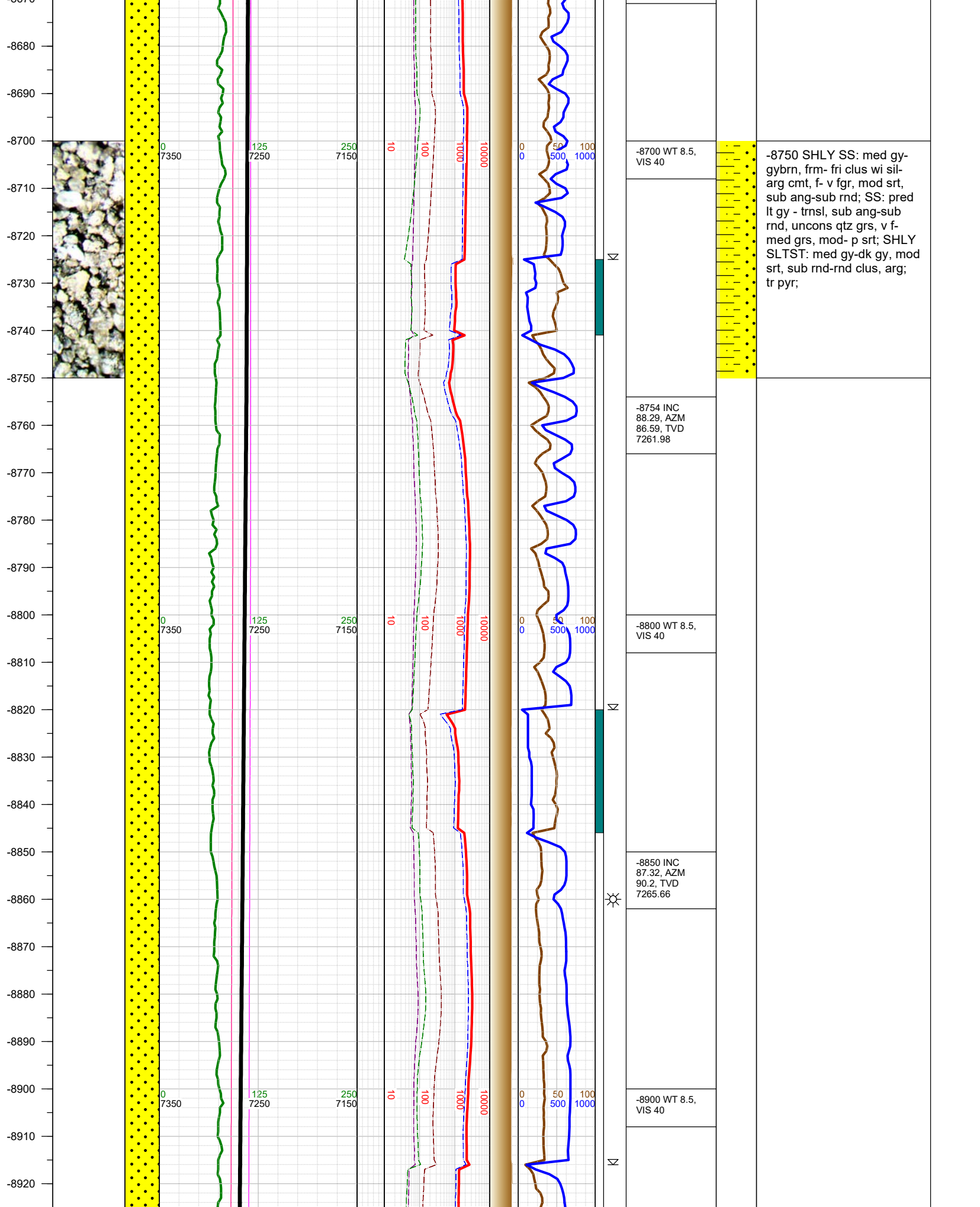




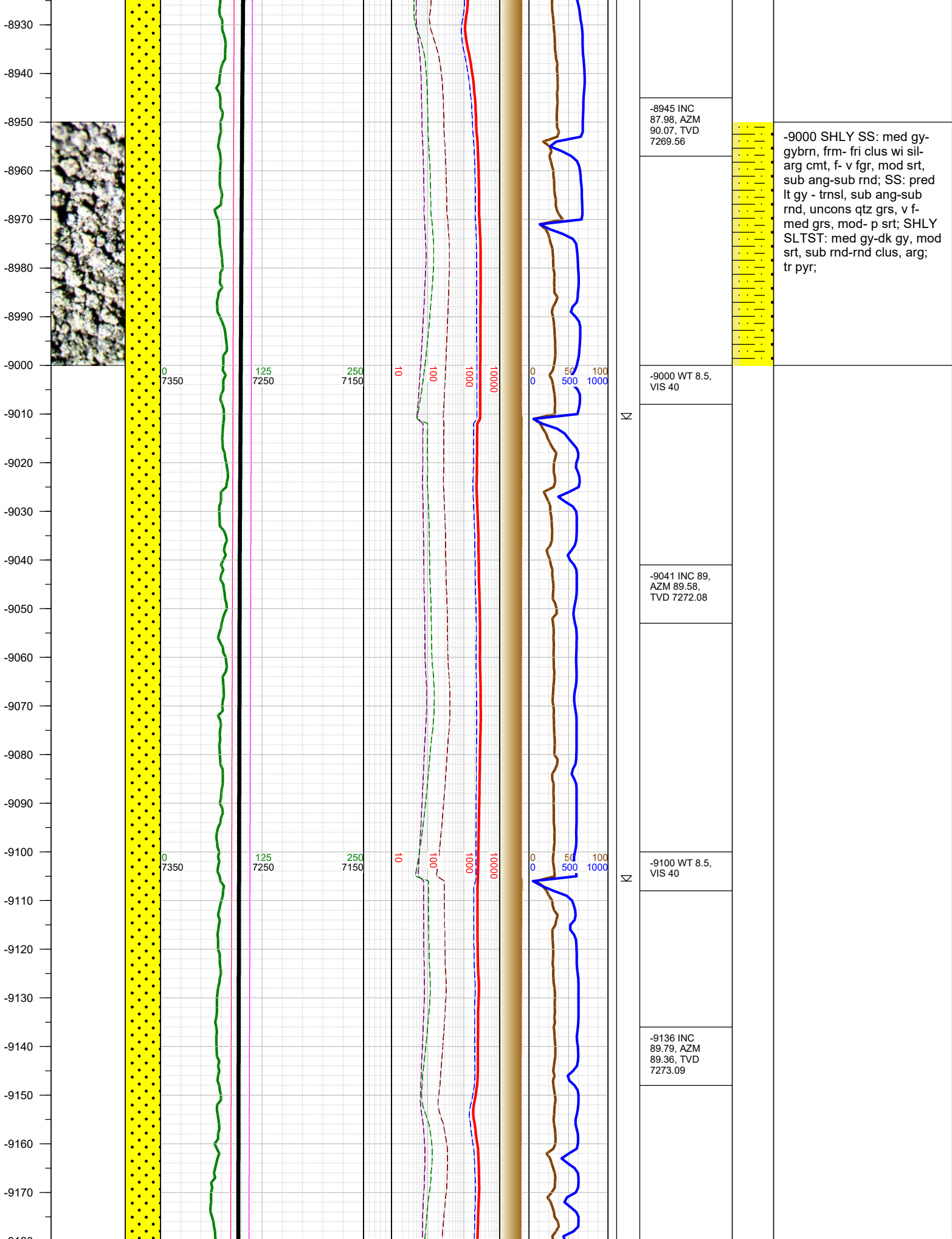


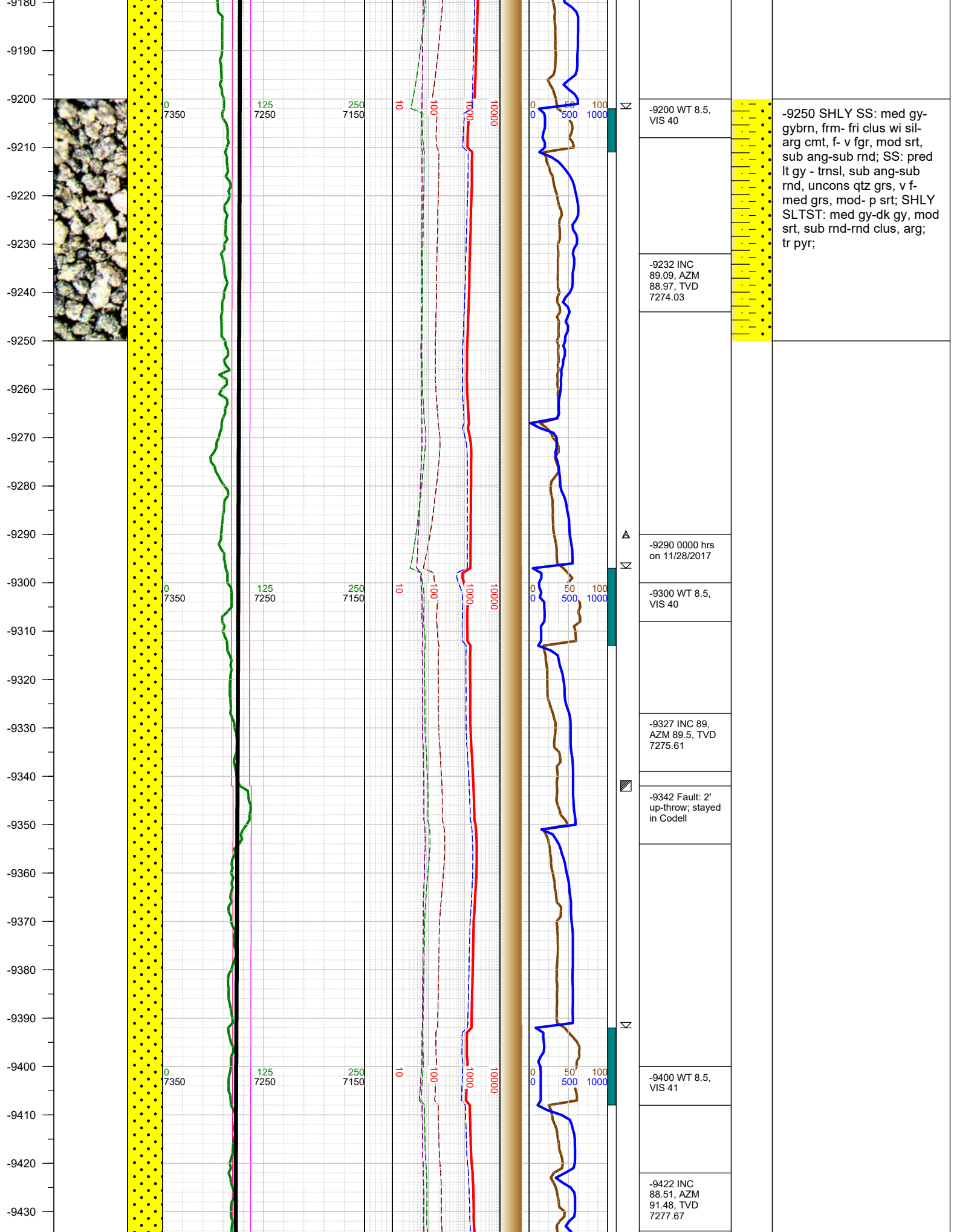


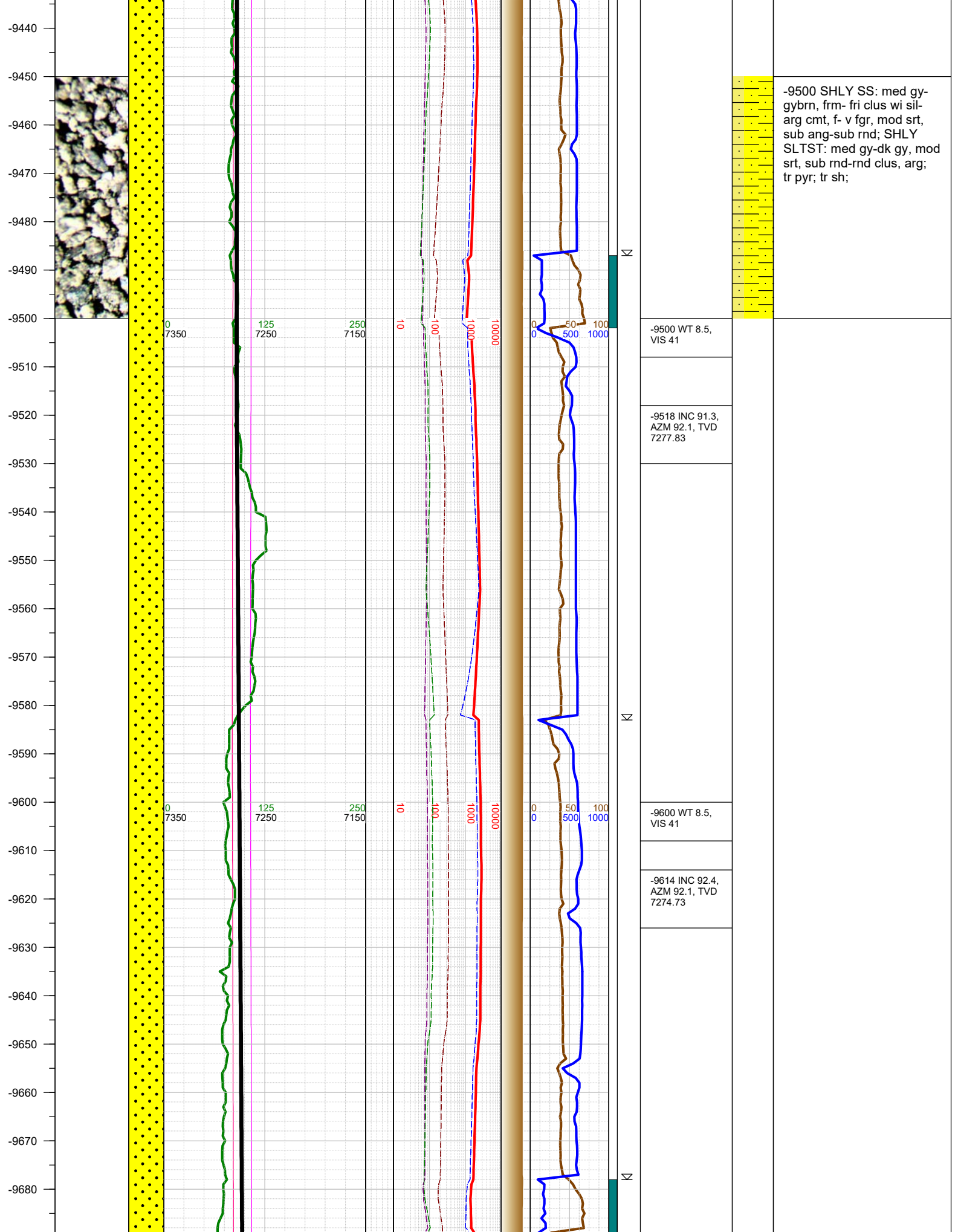




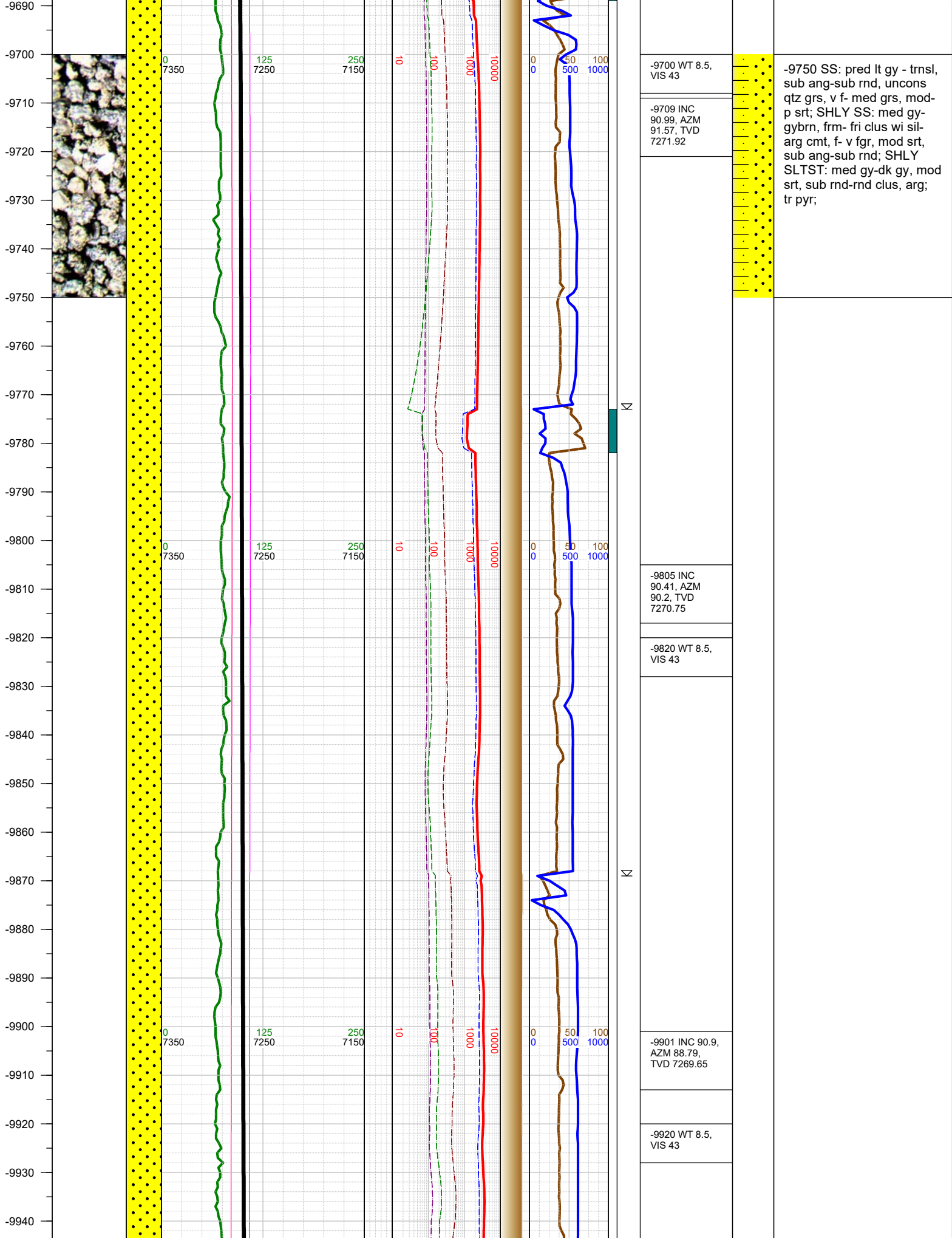




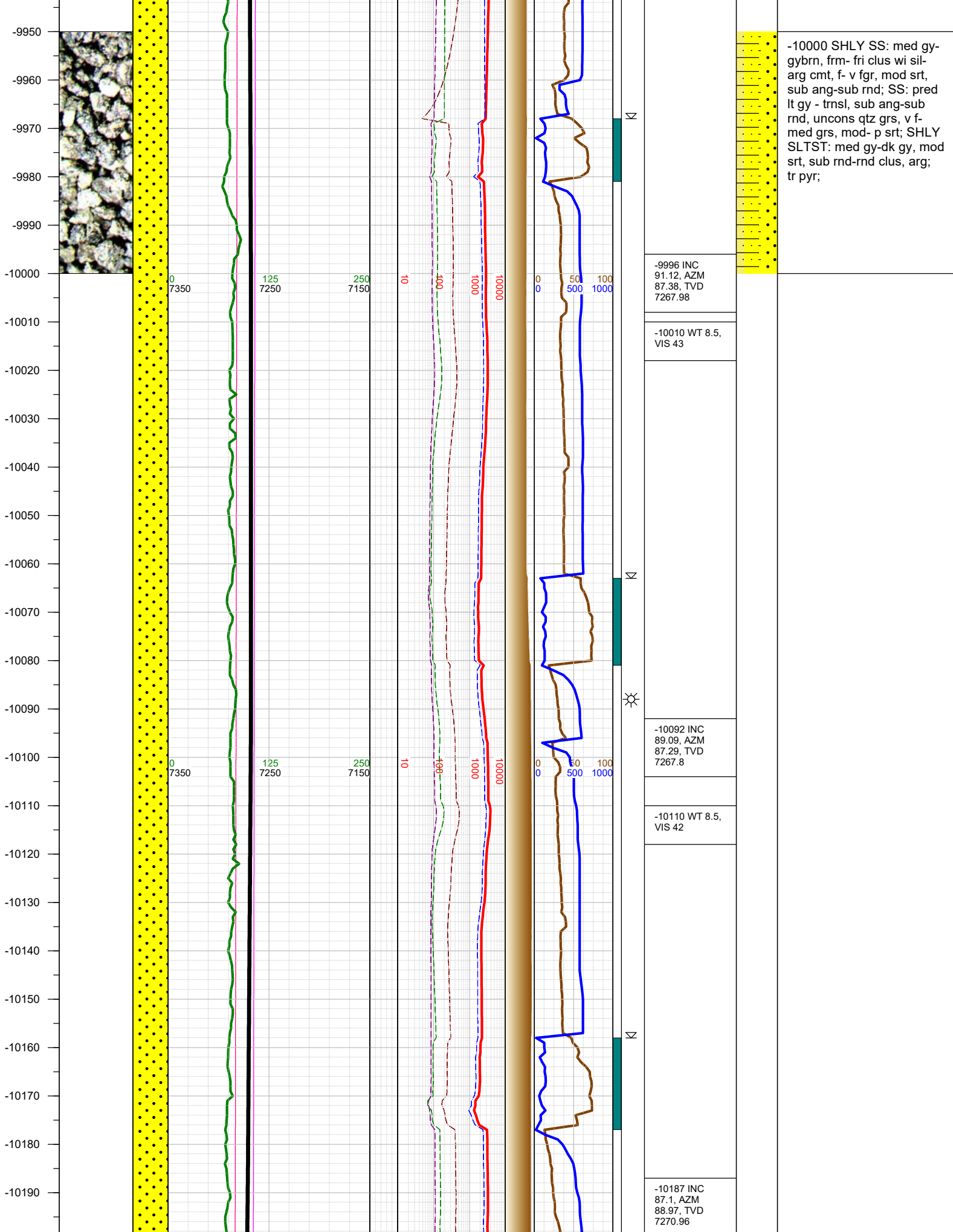












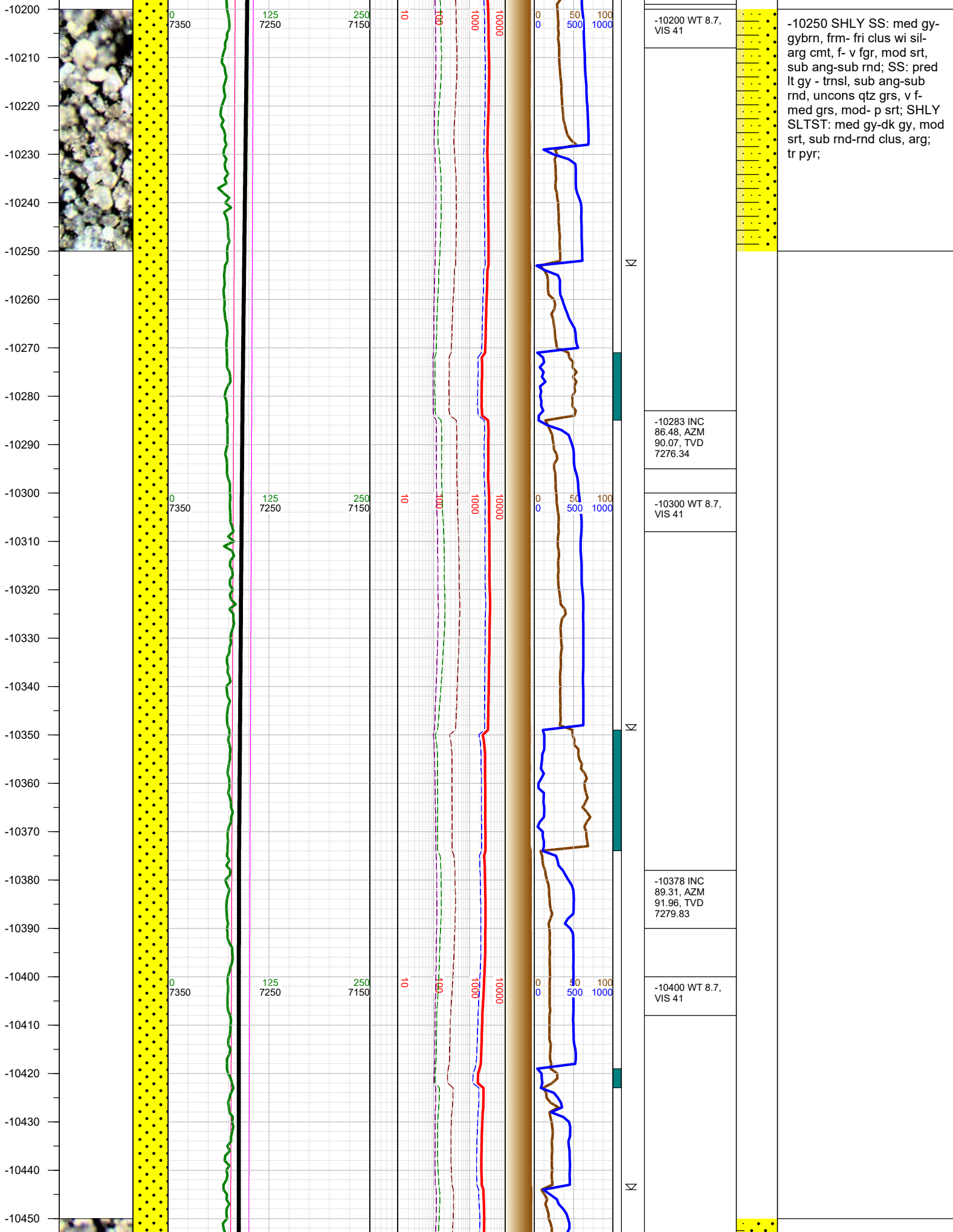
-9996 INC  
91.12, AZM  
87.38, TVD  
7267.98

-10010 WT 8.5,  
VIS 43

-10092 INC  
89.09, AZM  
87.29, TVD  
7267.8

-10110 WT 8.5,  
VIS 42

-10187 INC  
87.1, AZM  
88.97, TVD  
7270.96



-10200 WT 8.7,  
VIS 41

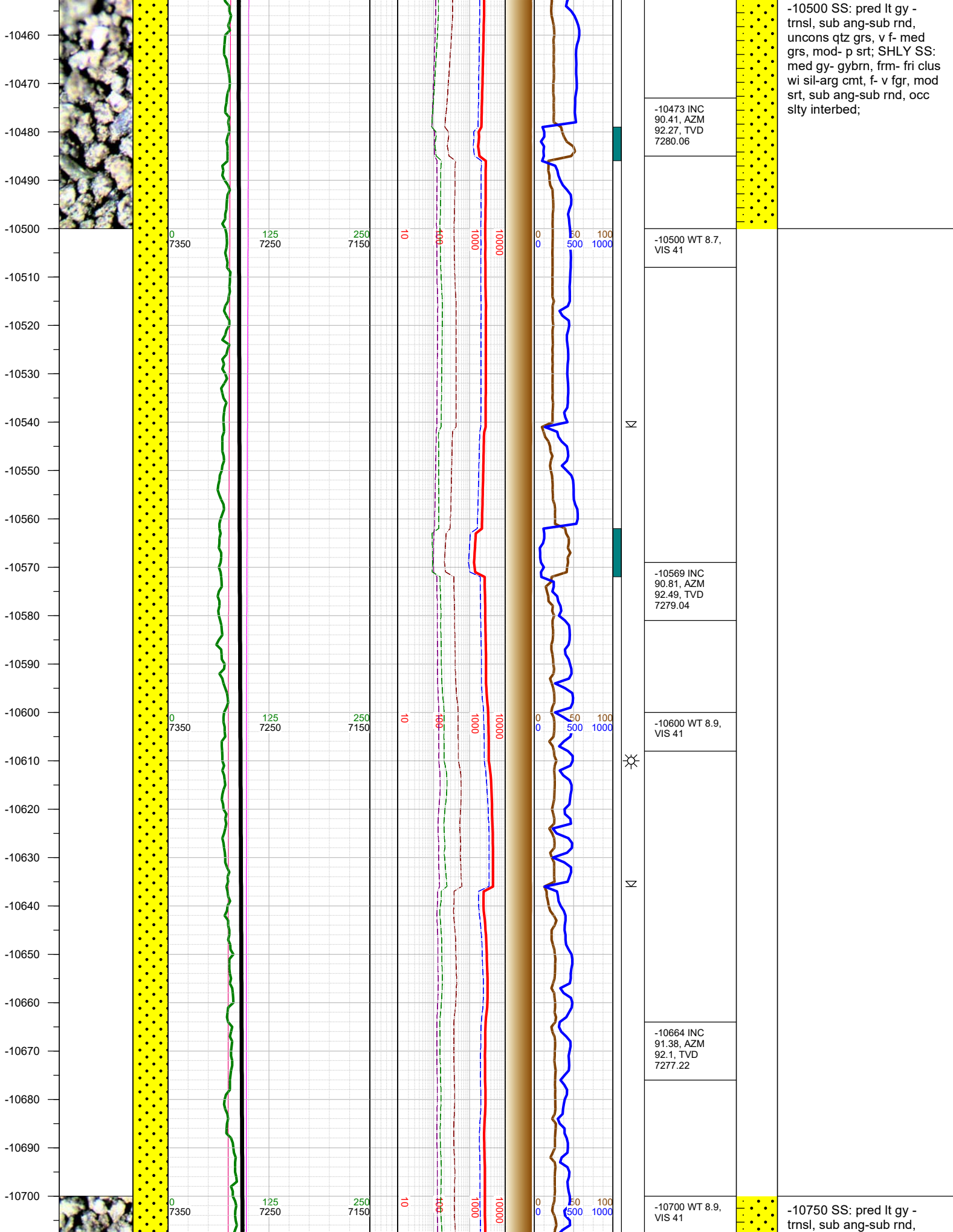
-10283 INC  
86.48, AZM  
90.07, TVD  
7276.34

-10300 WT 8.7,  
VIS 41

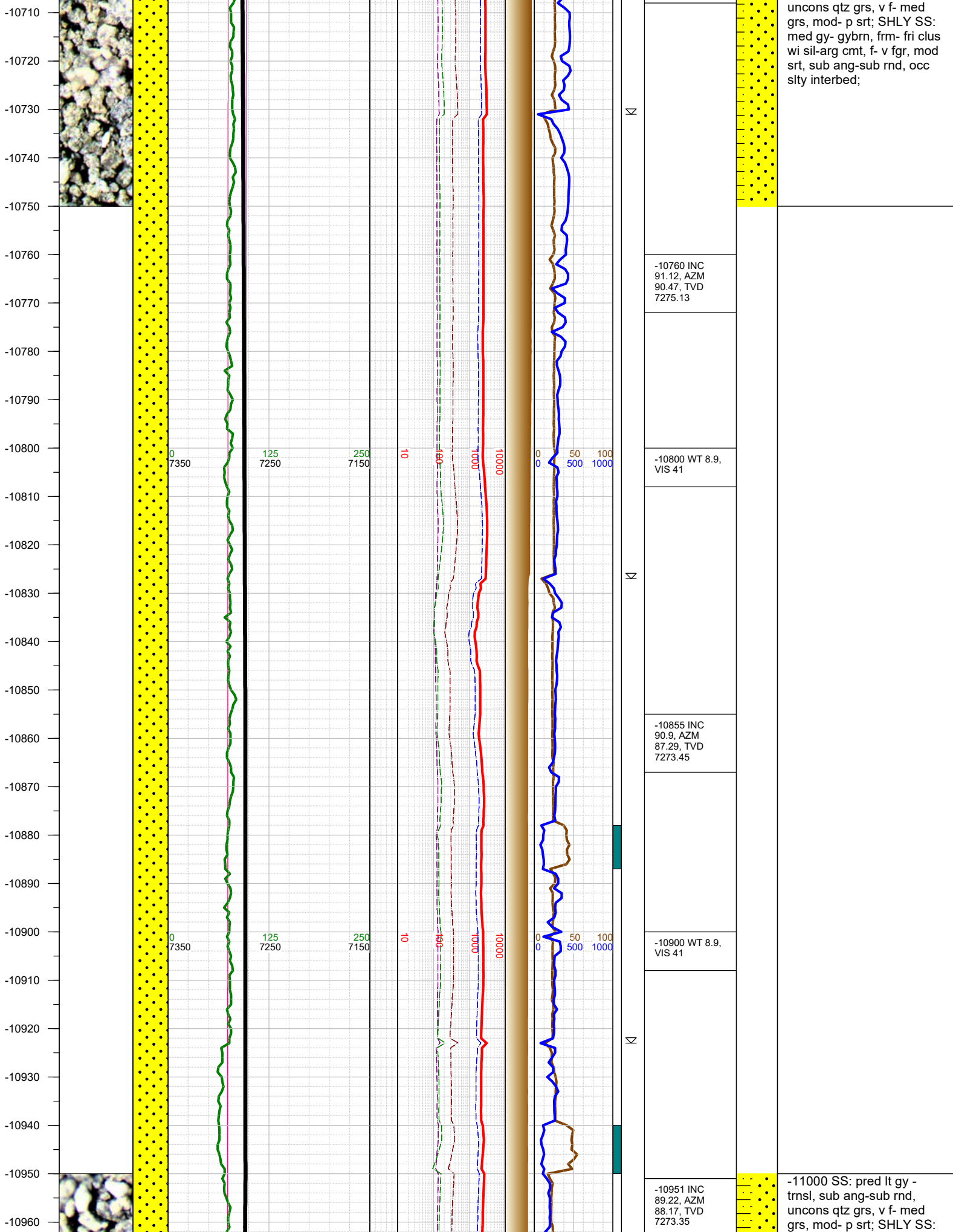
-10378 INC  
89.31, AZM  
91.96, TVD  
7279.83

-10400 WT 8.7,  
VIS 41

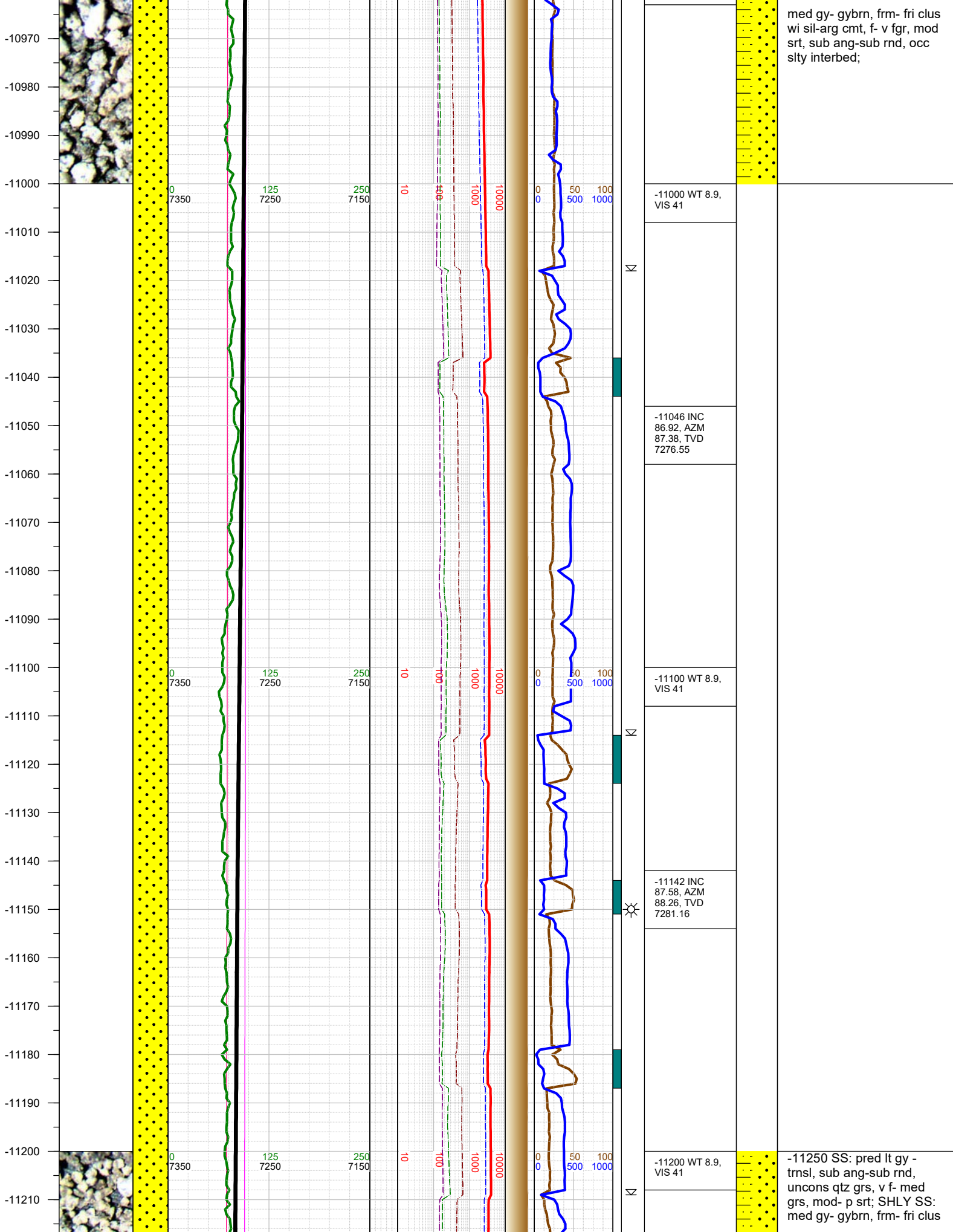
-10250 SHLY SS: med gy-  
gybrn, frm- fri clus wi sil-  
arg cmt, f- v fgr, mod srt,  
sub ang-sub rnd; SS: pred  
lt gy - trnsl, sub ang-sub  
rnd, uncons qtz grs, v f-  
med grs, mod- p srt; SHLY  
SLTST: med gy-dk gy, mod  
srt, sub rnd-rnd clus, arg;  
tr pyr;

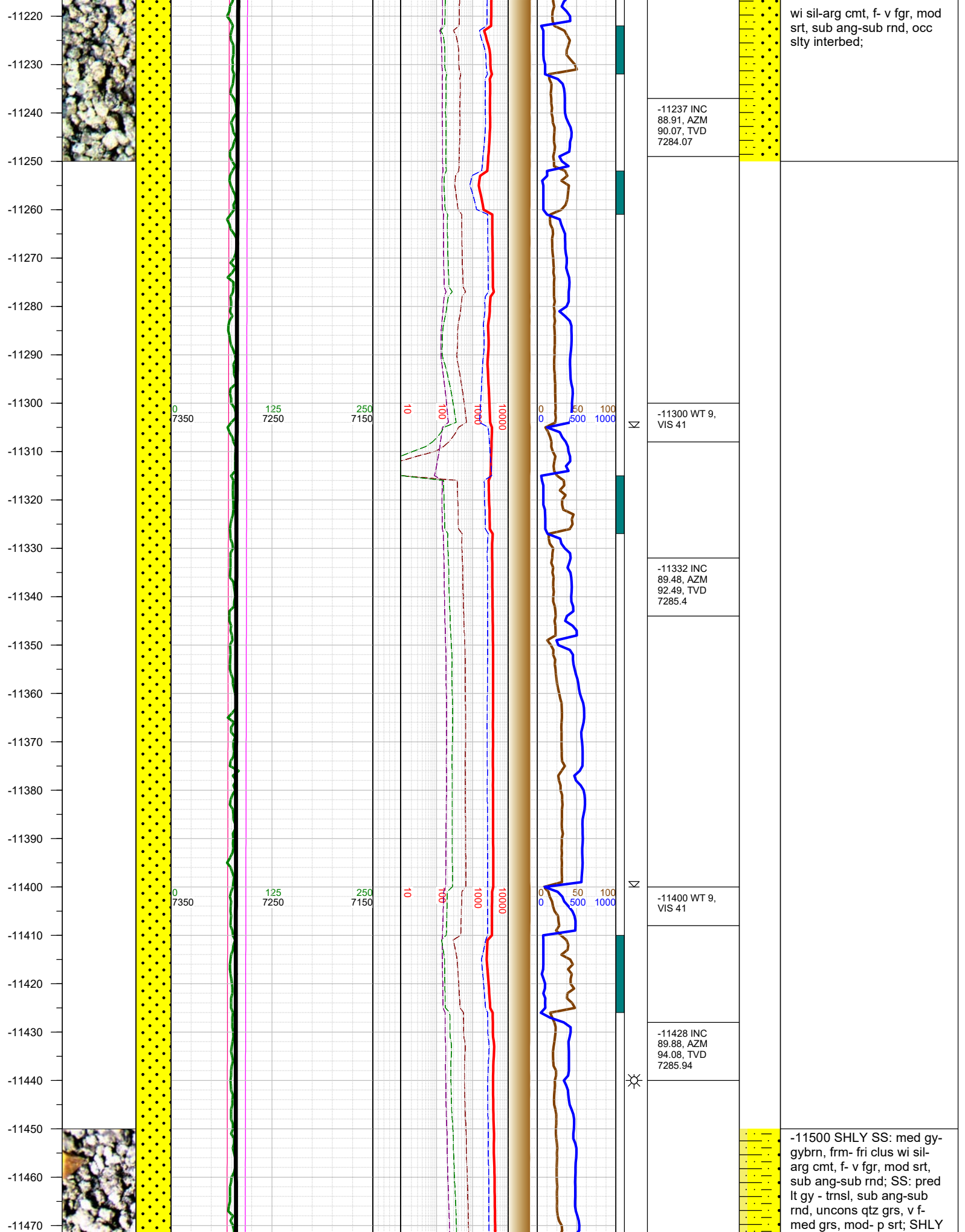


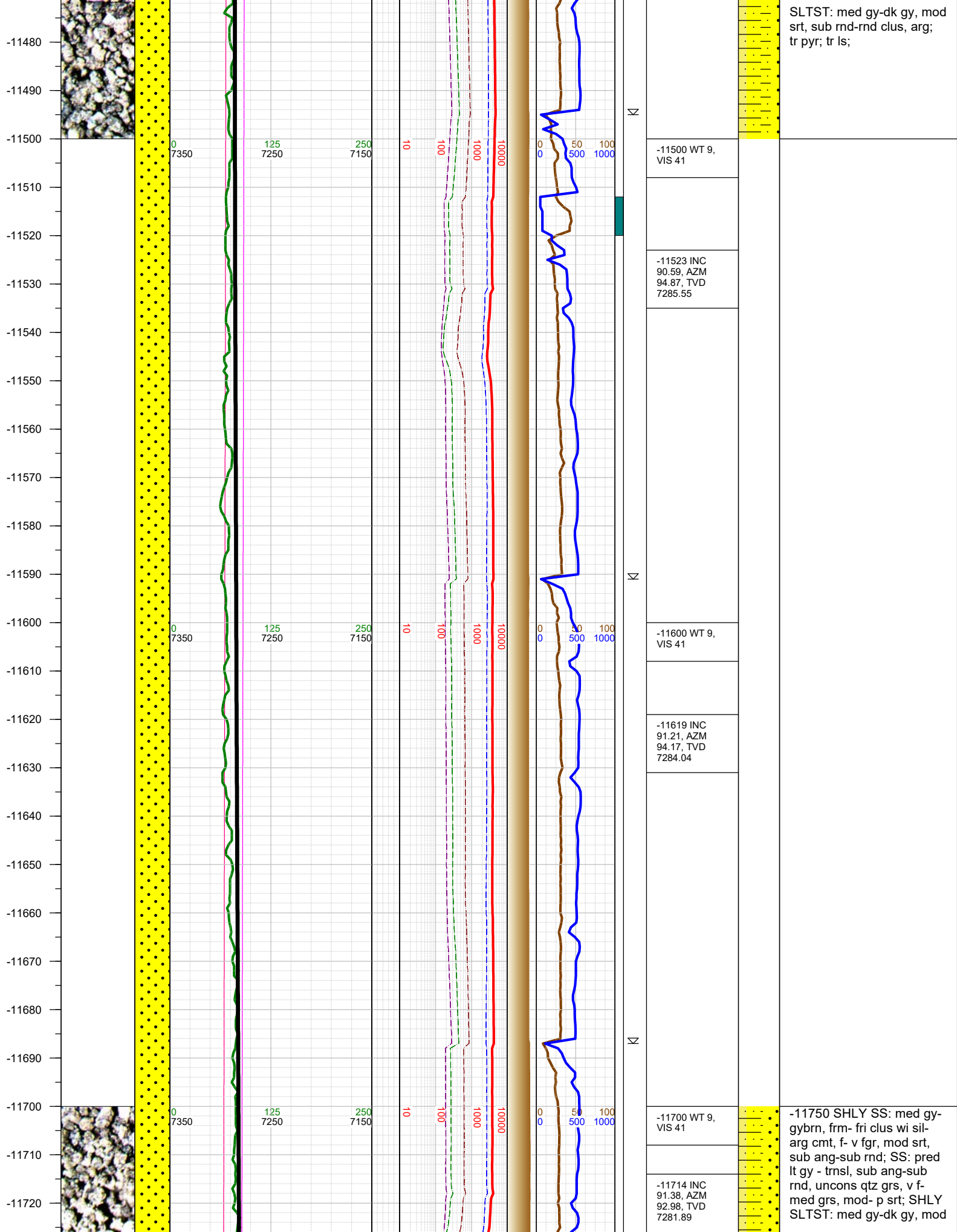




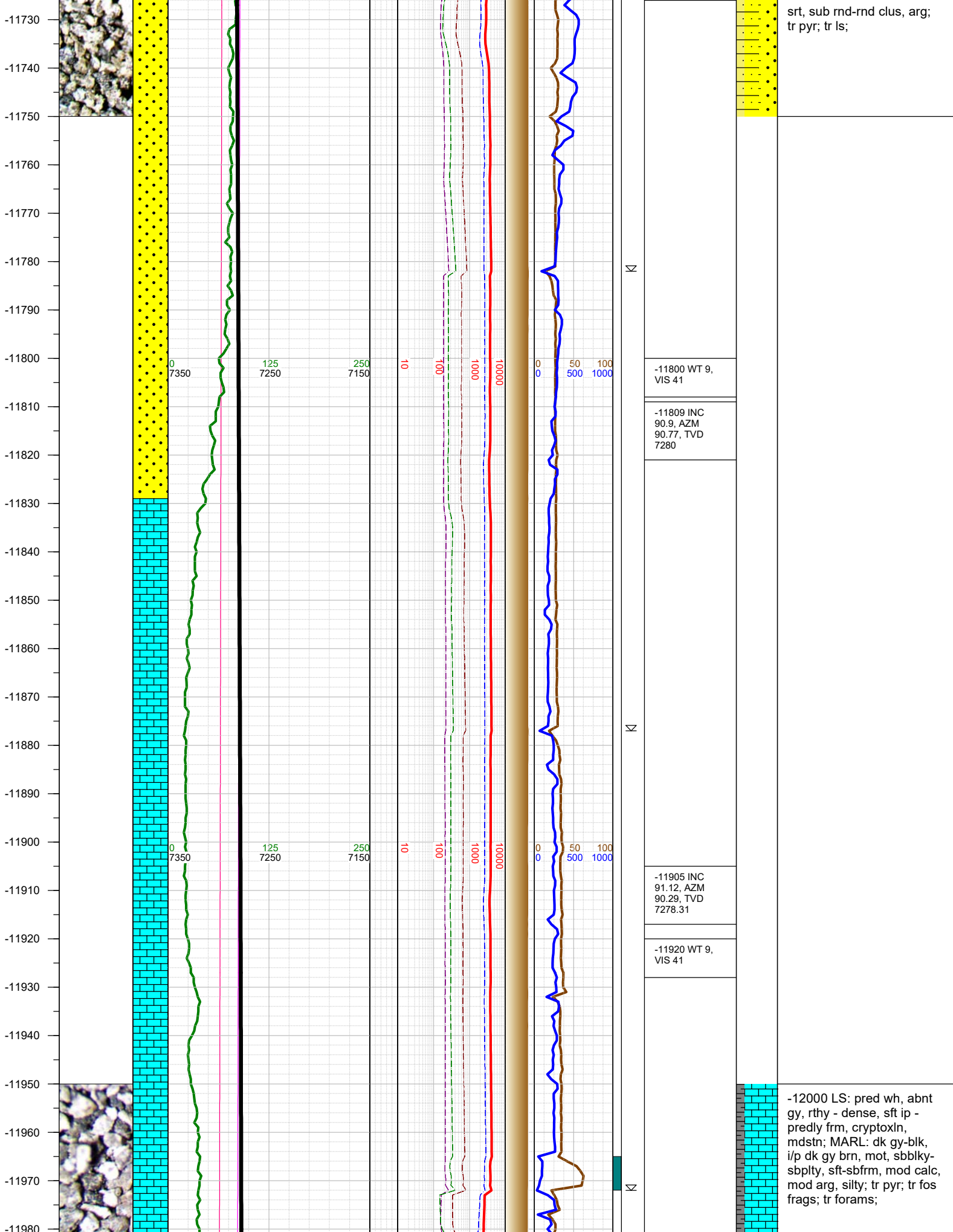




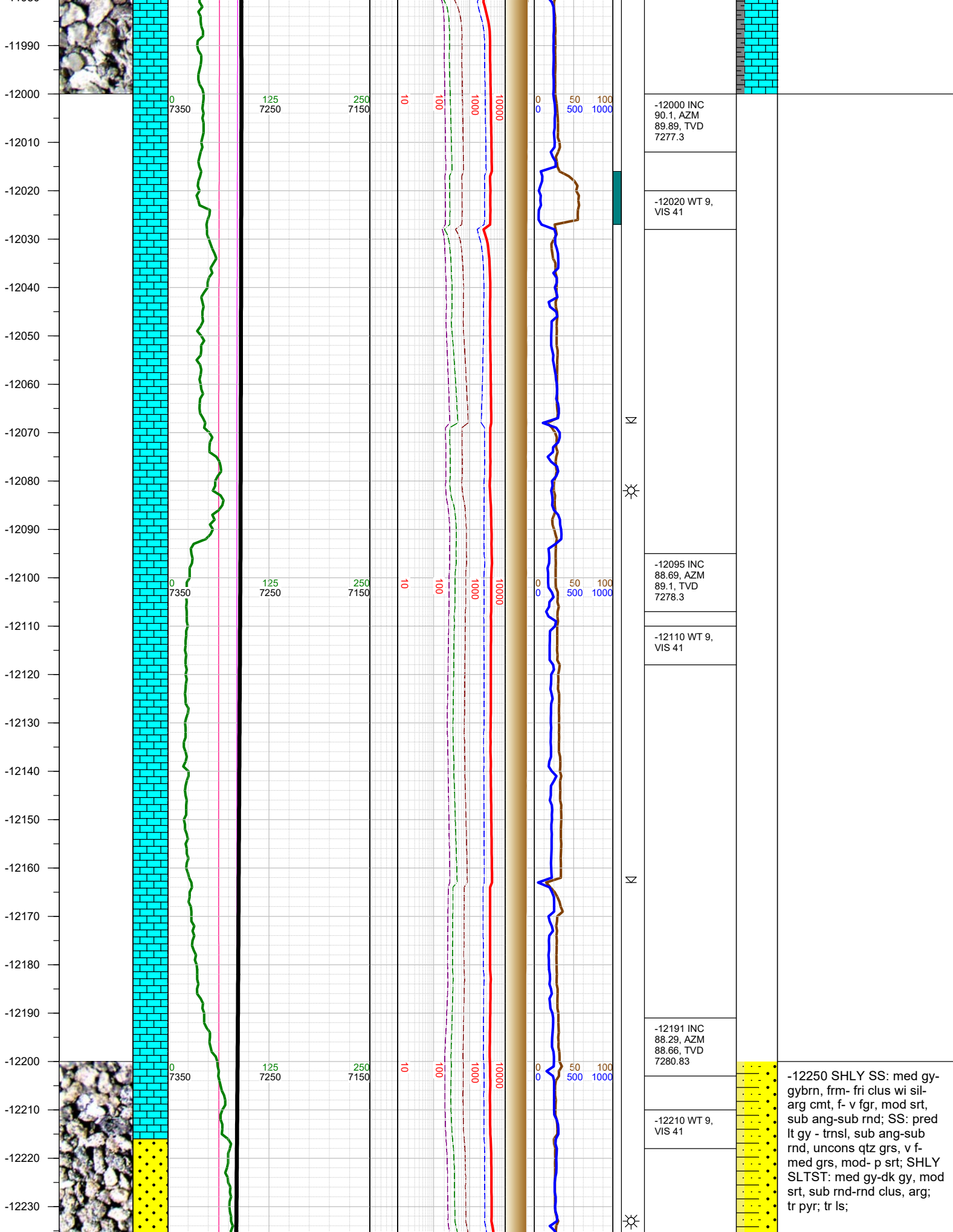


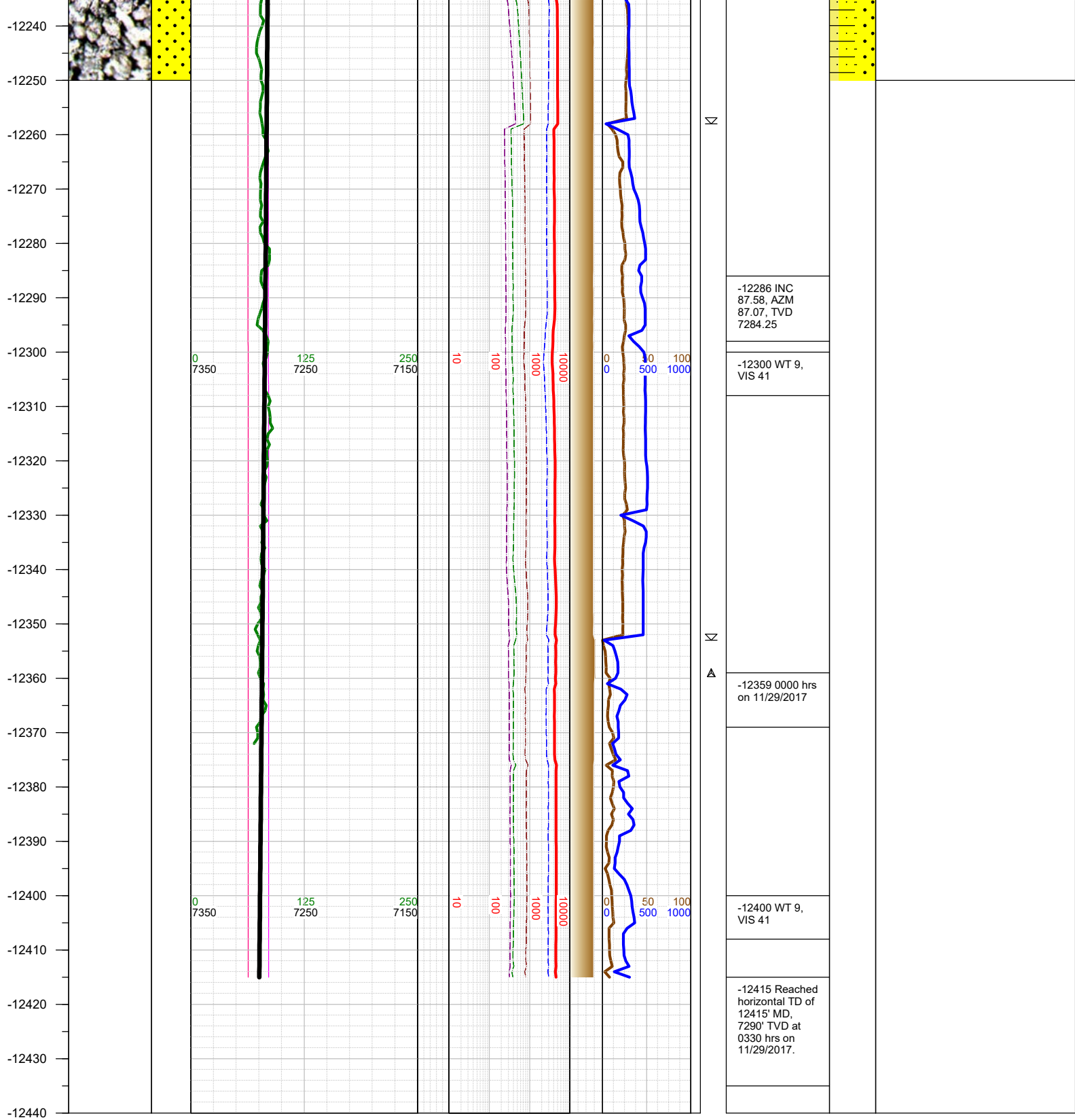












TOTAL DEPTH = 12415'

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