

OPERATOR: **Bayswater E&P, LLC**

WELL NAME: **Thornton B-29-30HC**

FIELD NAME: DJ Basin - Wattenberg

DRILLING RIG: True 38

API #: 05-123-43611

LAT/LONG: 40.54858, -104.791353

SURFACE HOLE: SWNW S28-T7N-R66W, 1661' FNL, 405' FWL

BOTTOM HOLE: S30-T7N-R66W, 325' FNL, 470' FWL

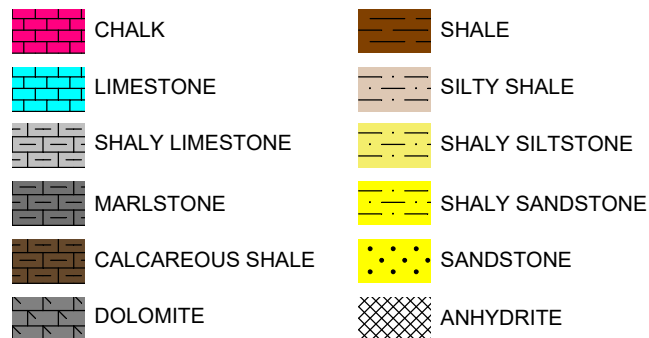


Earth Science Agency, LLC

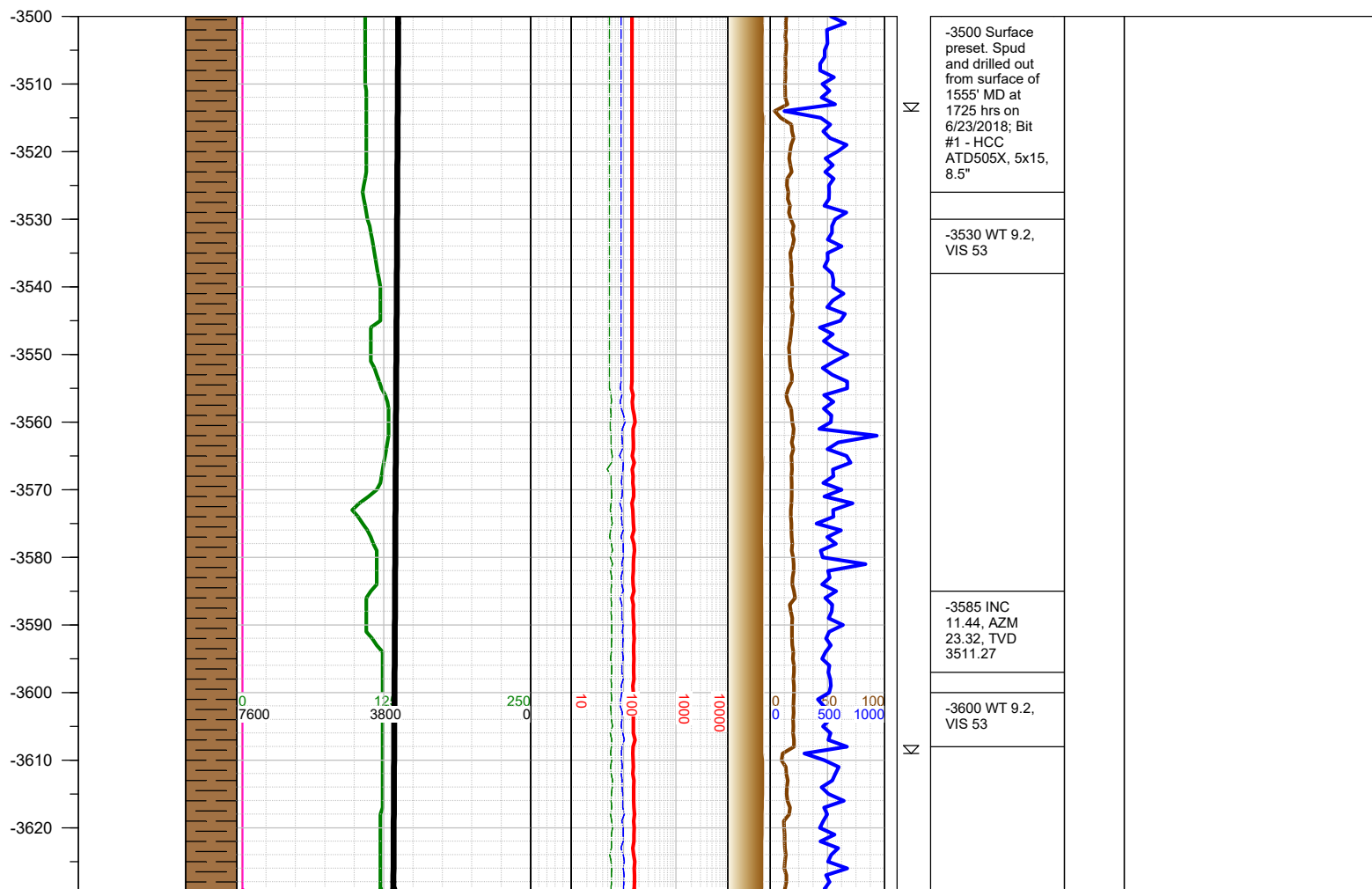
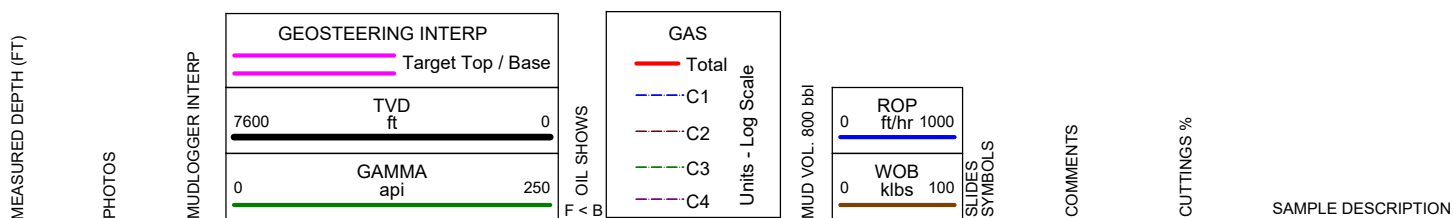
COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 4909'
KELLY BUSHING: 4934'
DRILLING FLUID: OBM
TVD VS. MD: 7385' / 17908'
SPUD DATE: June 23, 2018
TD DATE: July 2, 2018

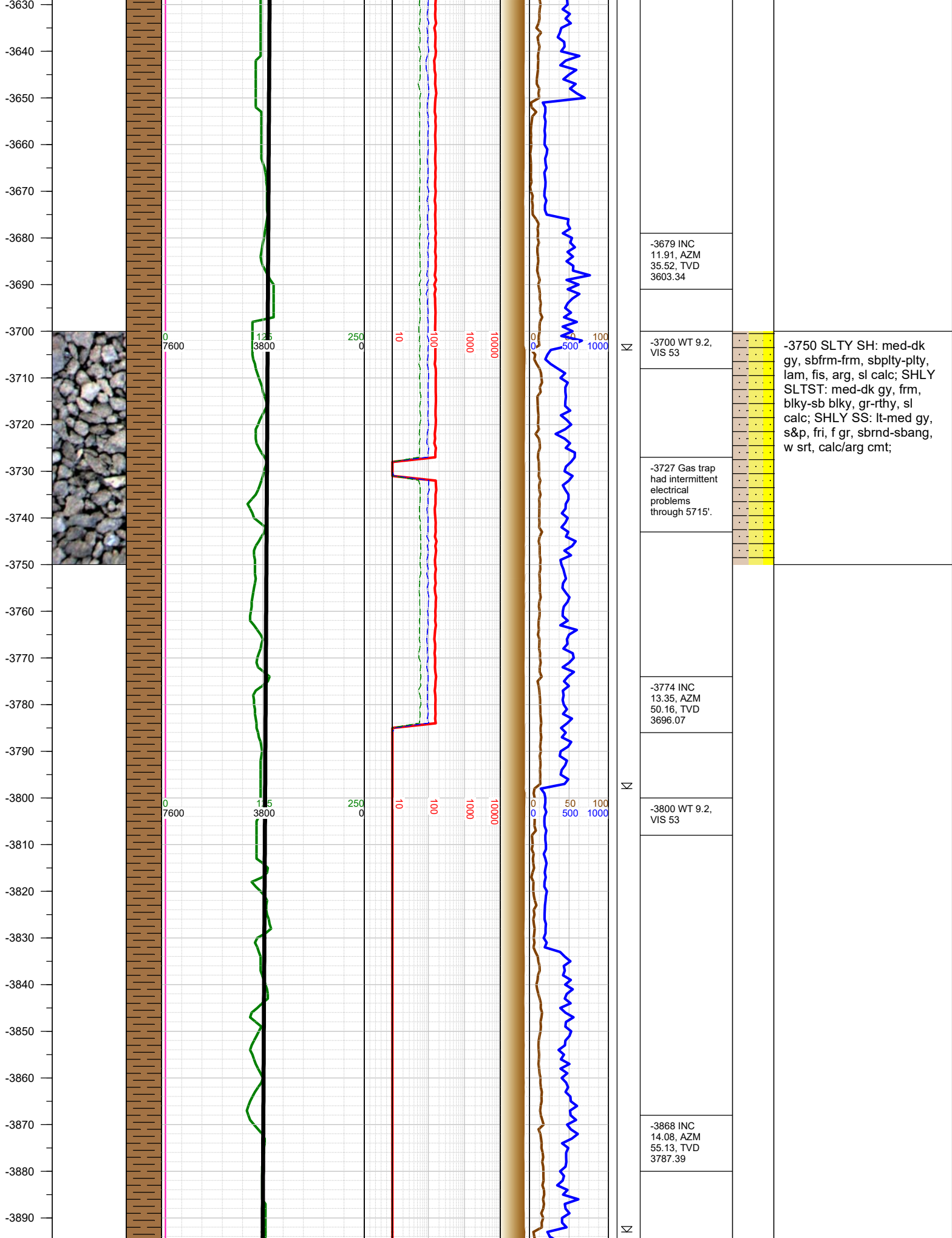
DEPTHS LOGGED: 3500' - 17908'
DATES LOGGED: June 24, 2018 - July 2, 2018
GEOLOGISTS: Kyle Welty, Scott Snoy
SCALE: 5" = 100'

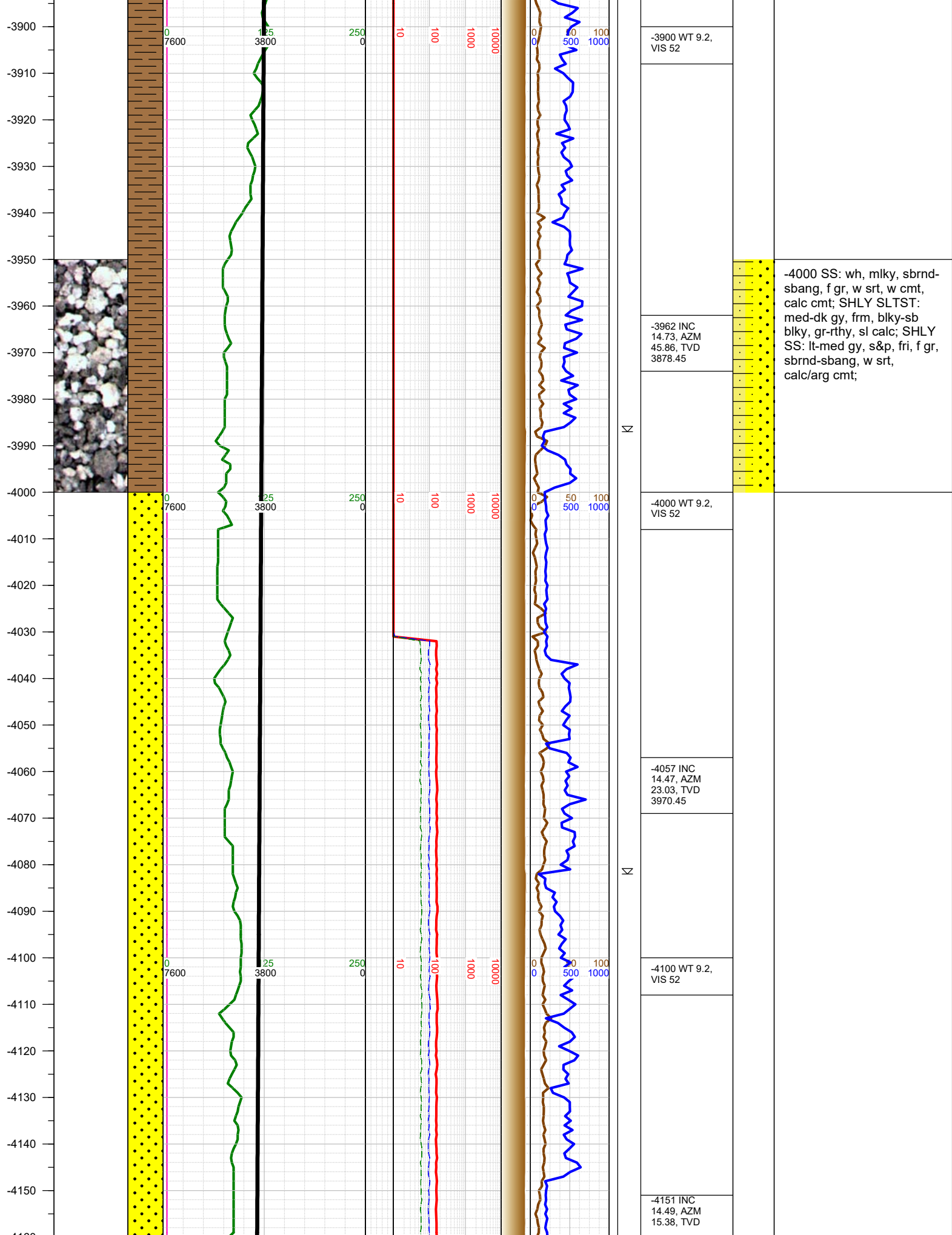
LEGEND

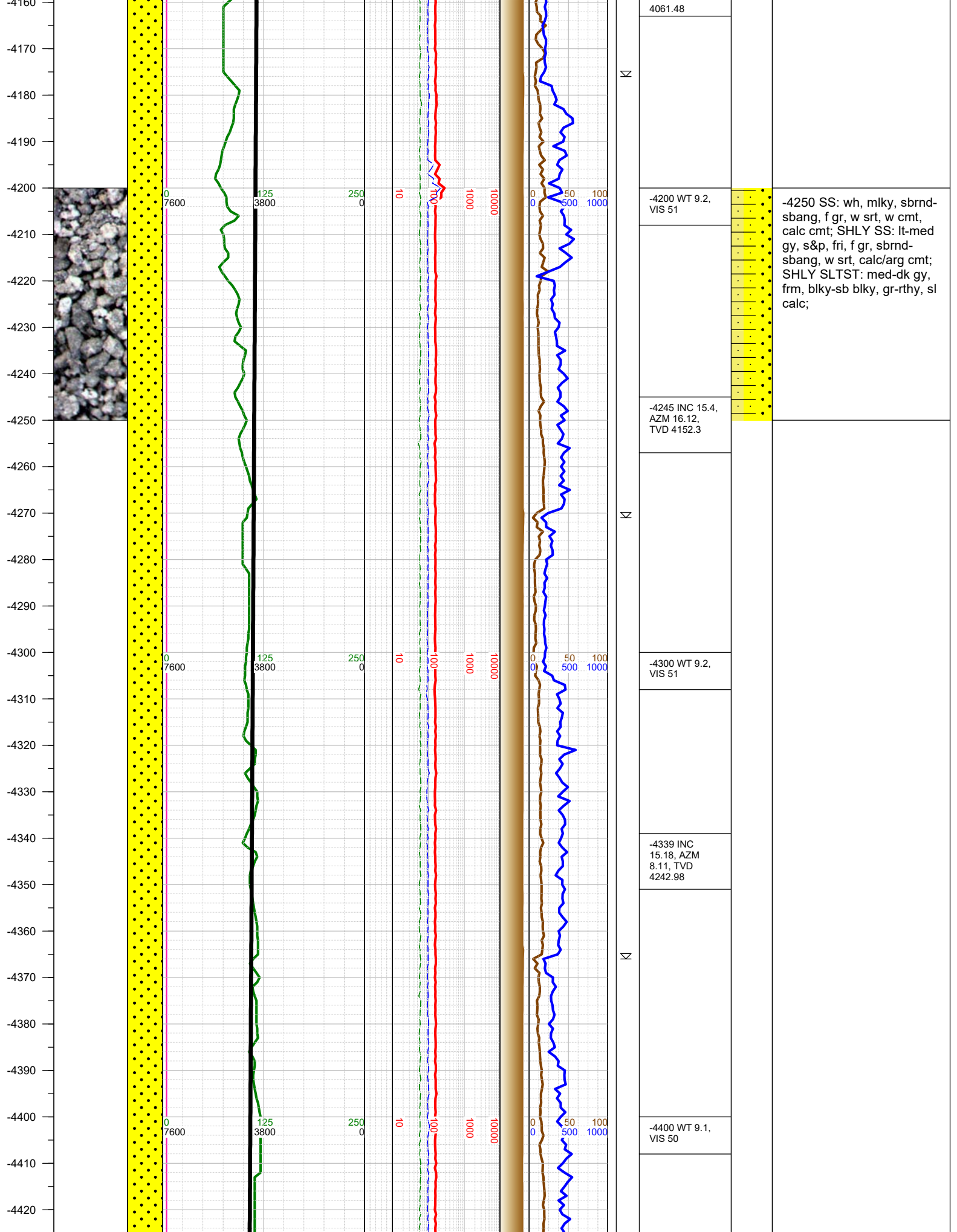


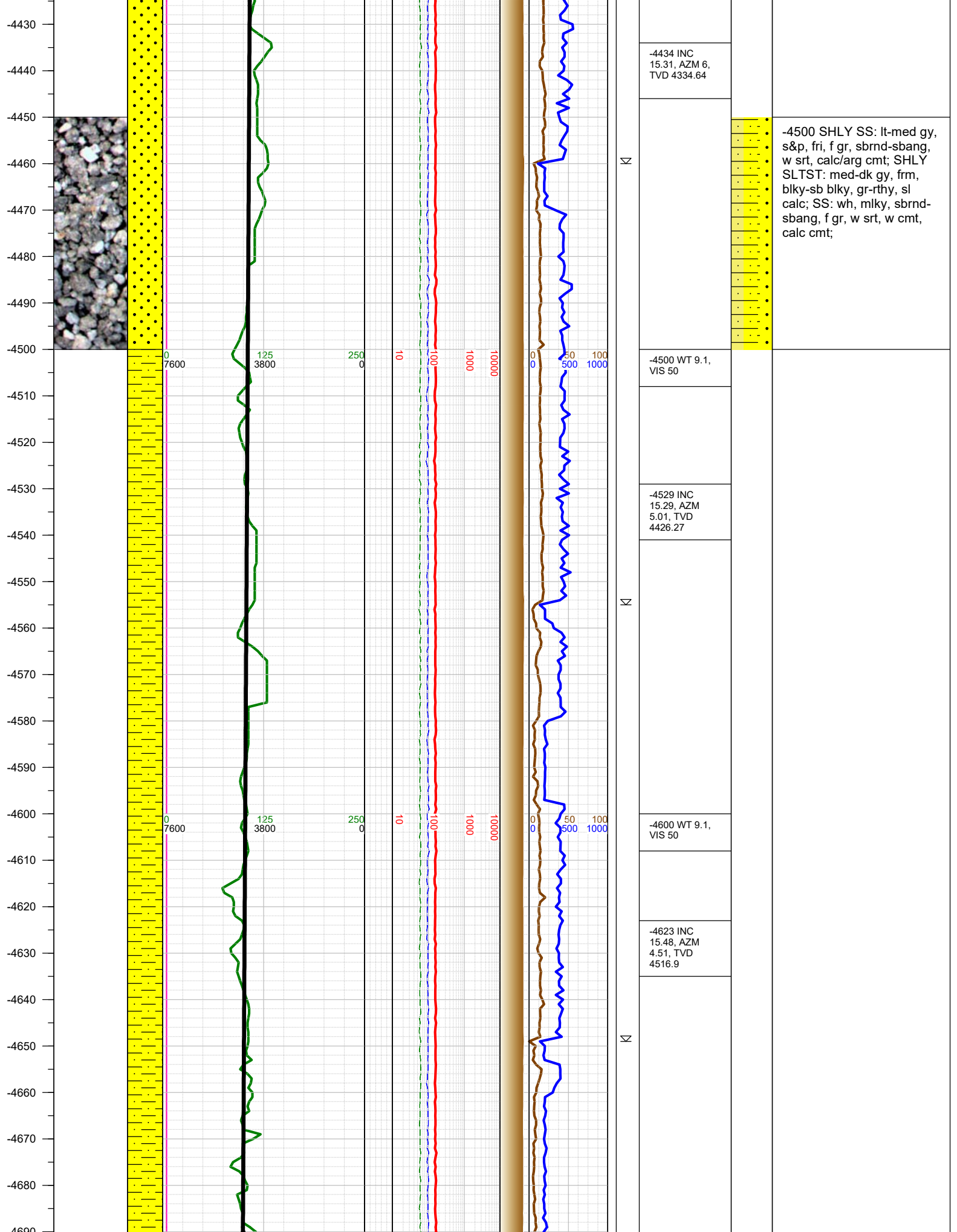
FORMATION \approx CONNECTION Δ MIDNIGHT NEW BIT GAS SHOW FAULT

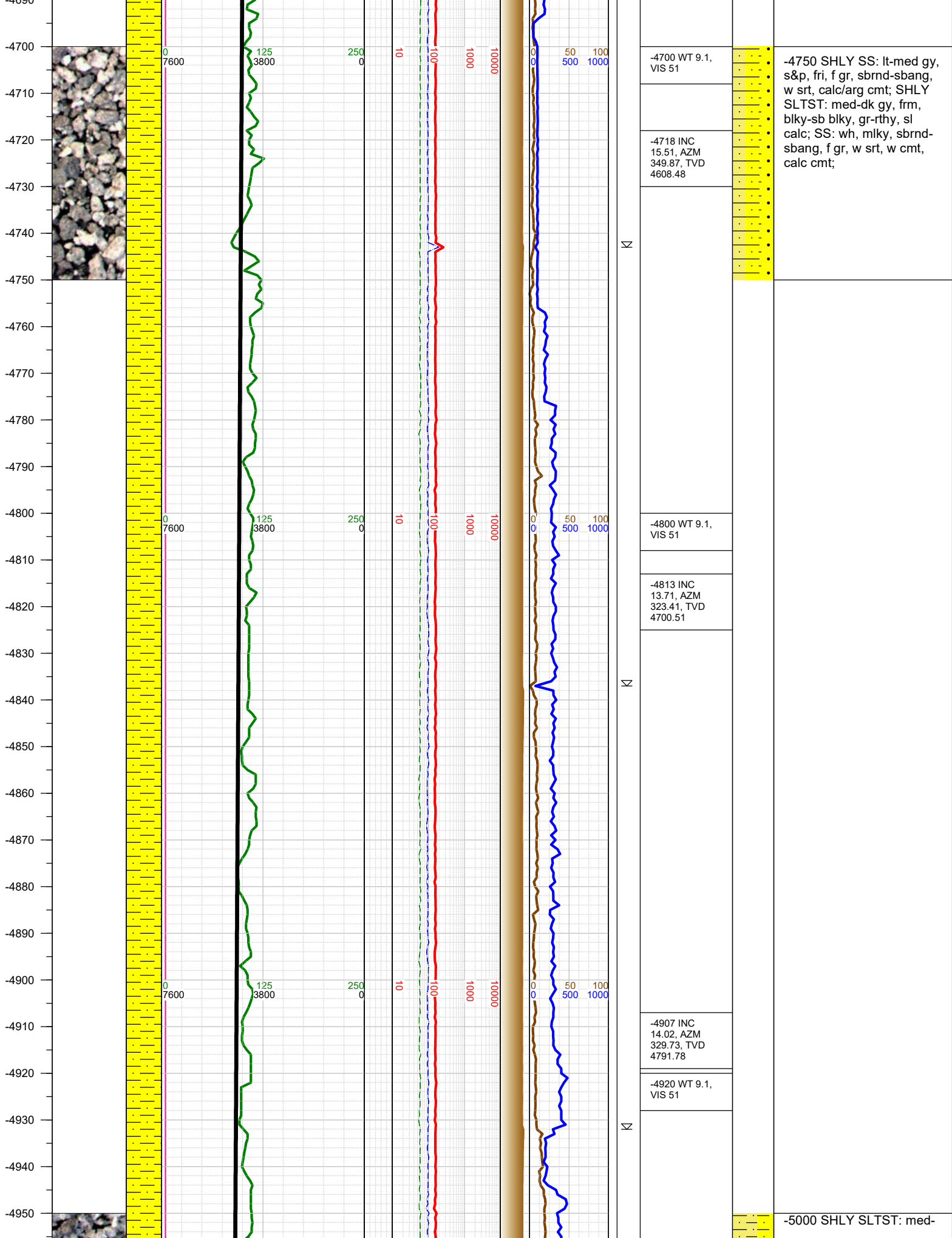


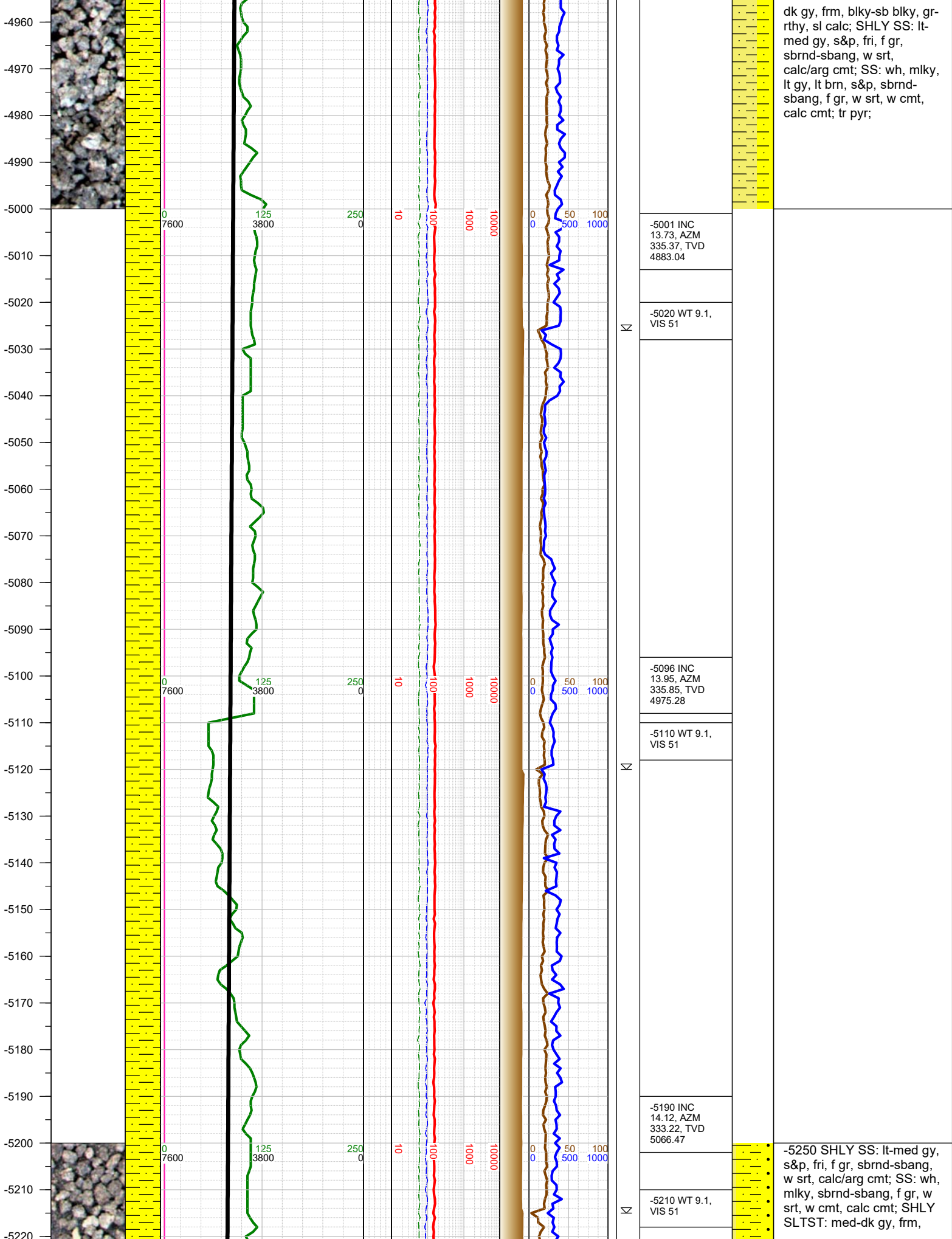












dk gy, frm, blkly-sb blkly, gr-rthy, sl calc; SHLY SS: lt-med gy, s&p, fri, f gr, sbrnd-sbang, w srt, calc/arg cmt; SS: wh, mlky, lt gy, lt brn, s&p, sbrnd-sbang, f gr, w srt, w cmt, calc cmt; tr pyr;

-5001 INC
13.73, AZM
335.37, TVD
4883.04

-5020 WT 9.1,
VIS 51

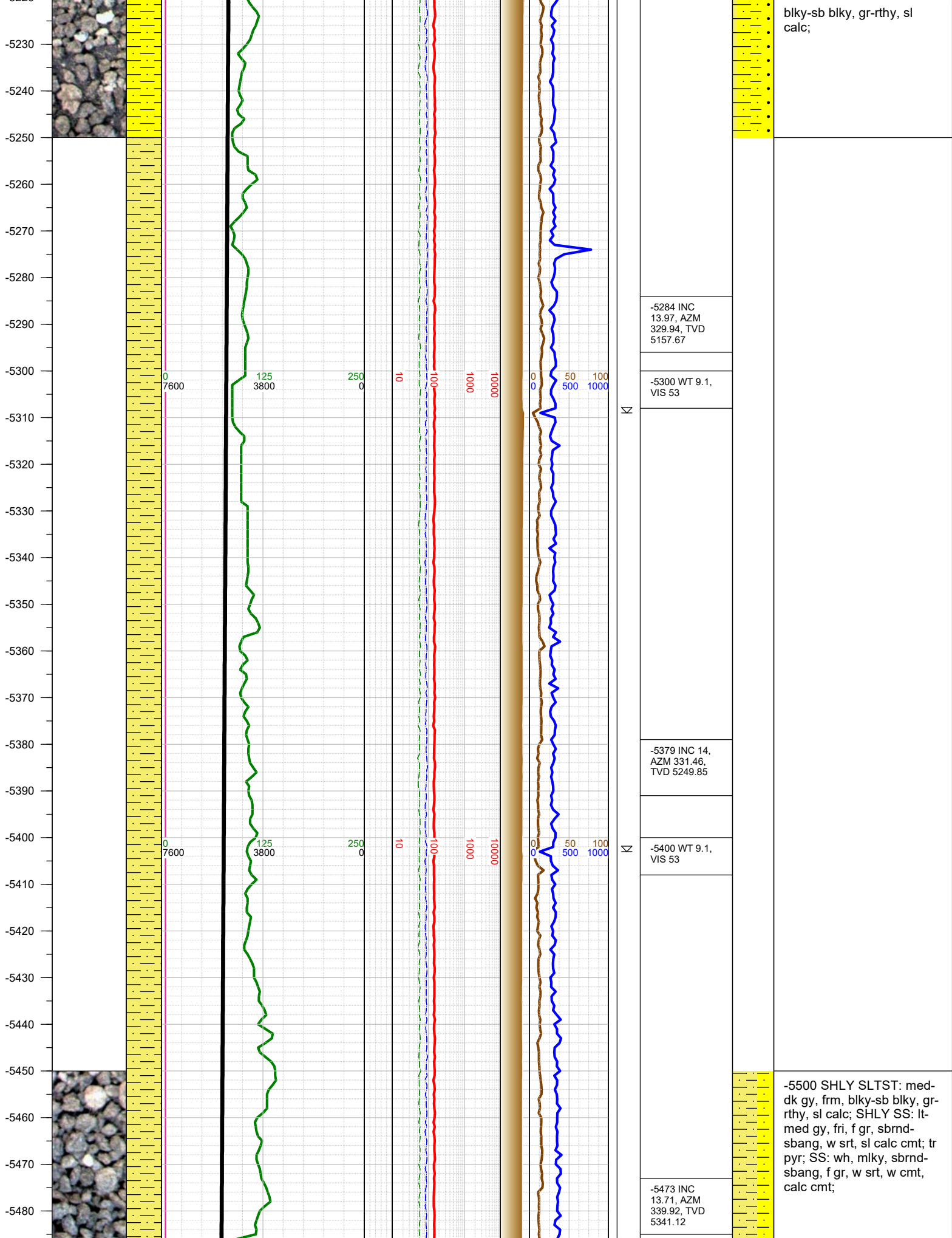
-5096 INC
13.95, AZM
335.85, TVD
4975.28

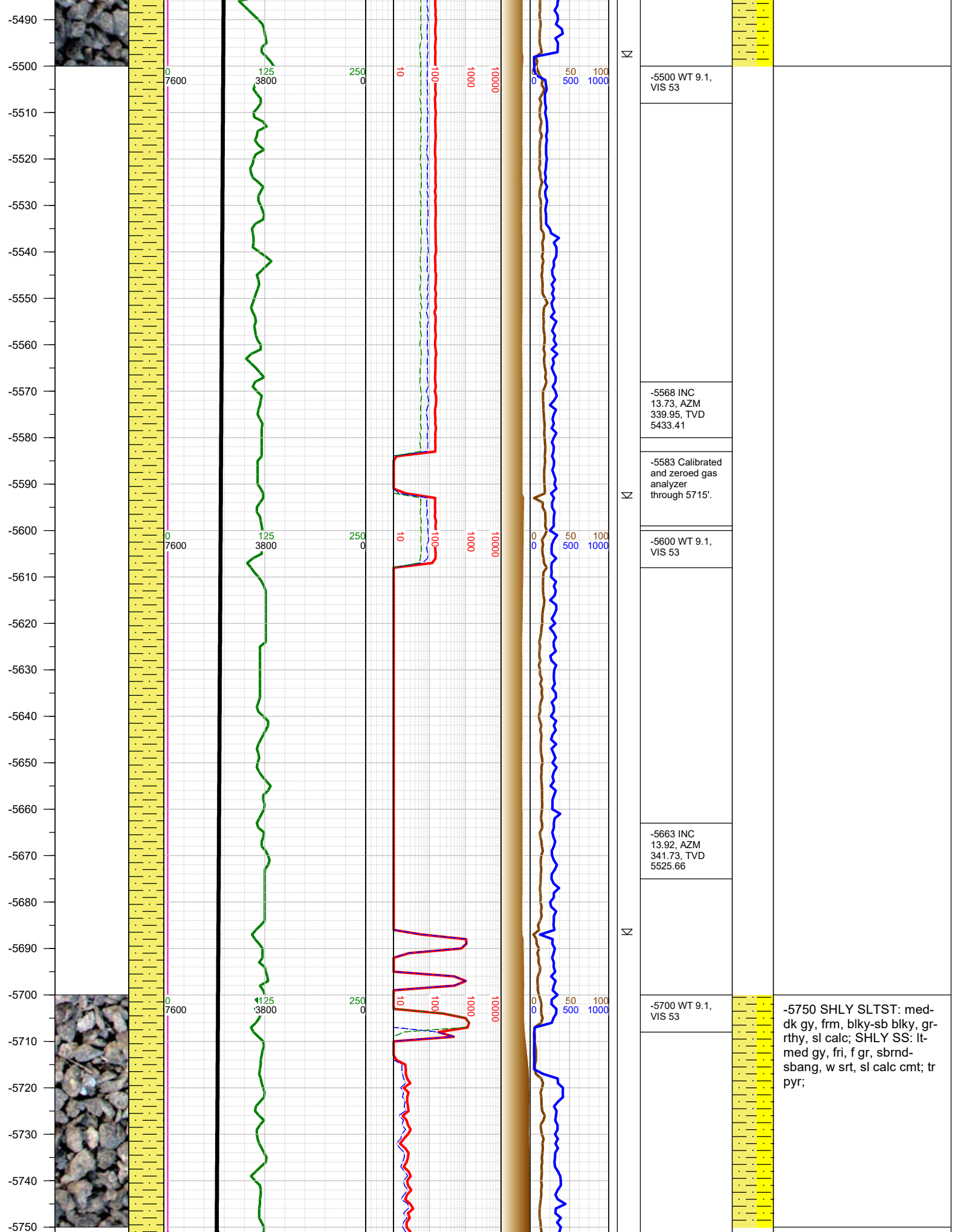
-5110 WT 9.1,
VIS 51

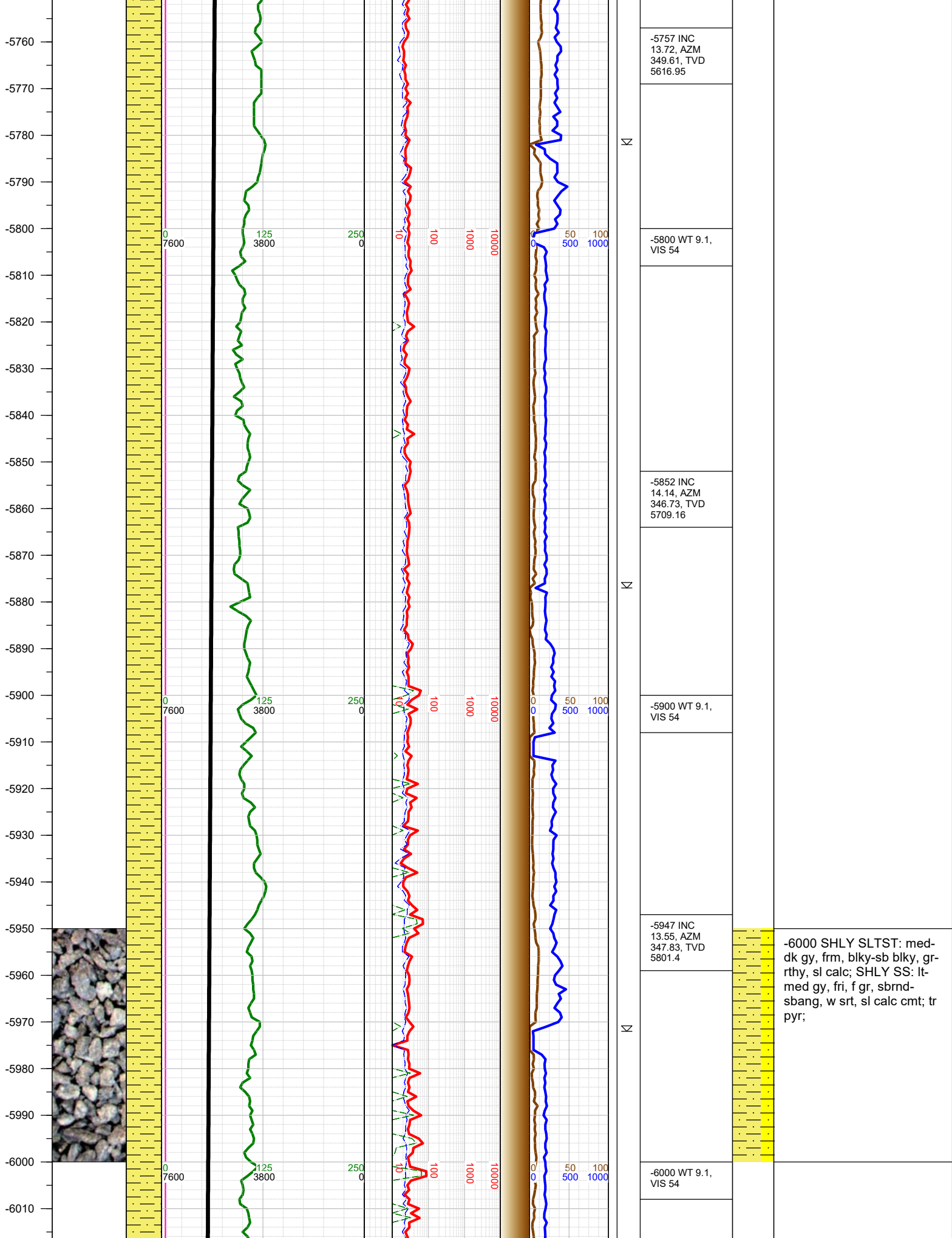
-5190 INC
14.12, AZM
333.22, TVD
5066.47

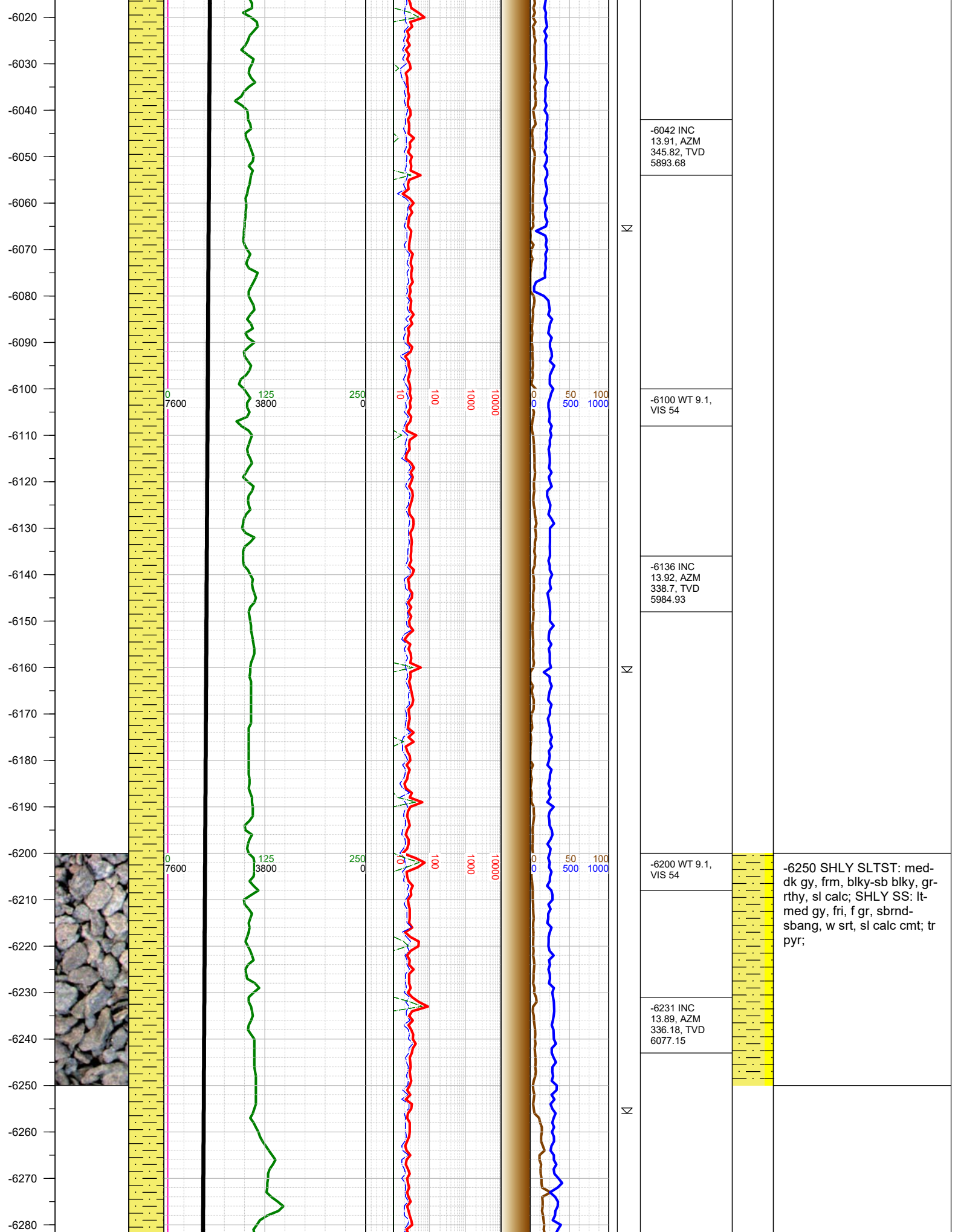
-5210 WT 9.1,
VIS 51

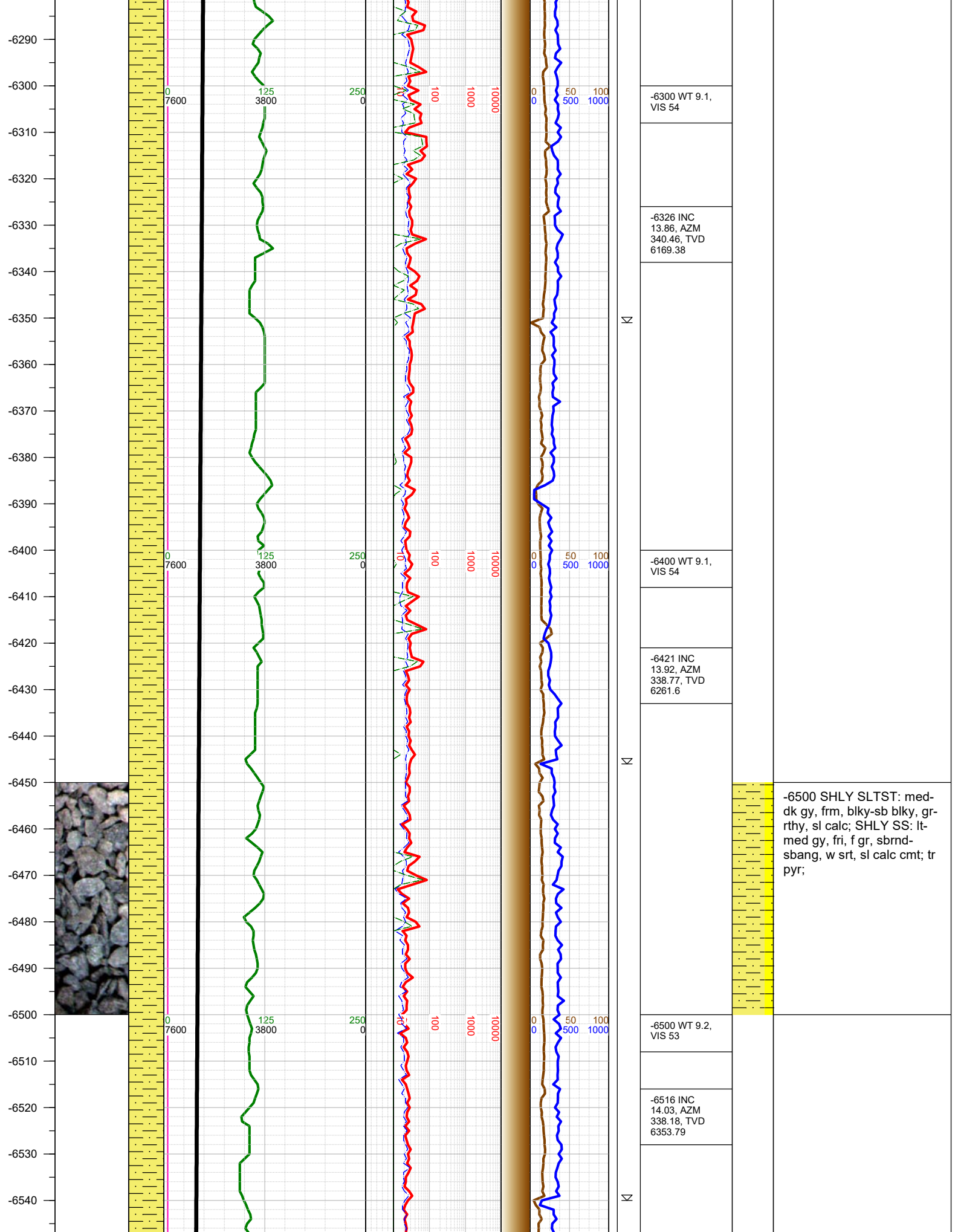
-5250 SHLY SS: lt-med gy, s&p, fri, f gr, sbrnd-sbang, w srt, calc/arg cmt; SS: wh, mlky, sbrnd-sbang, f gr, w srt, w cmt, calc cmt; SHLY SLTST: med-dk gy, frm,

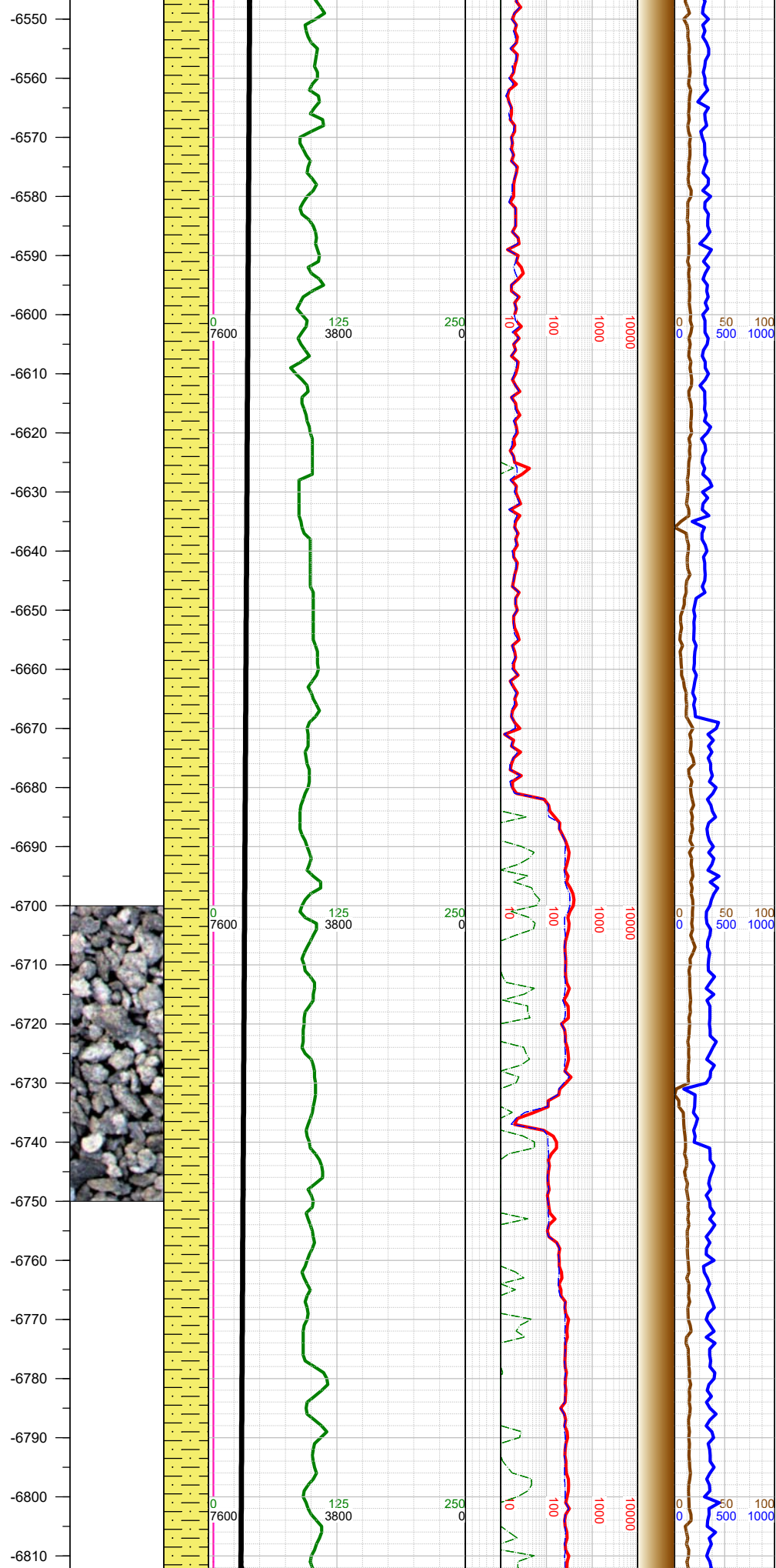


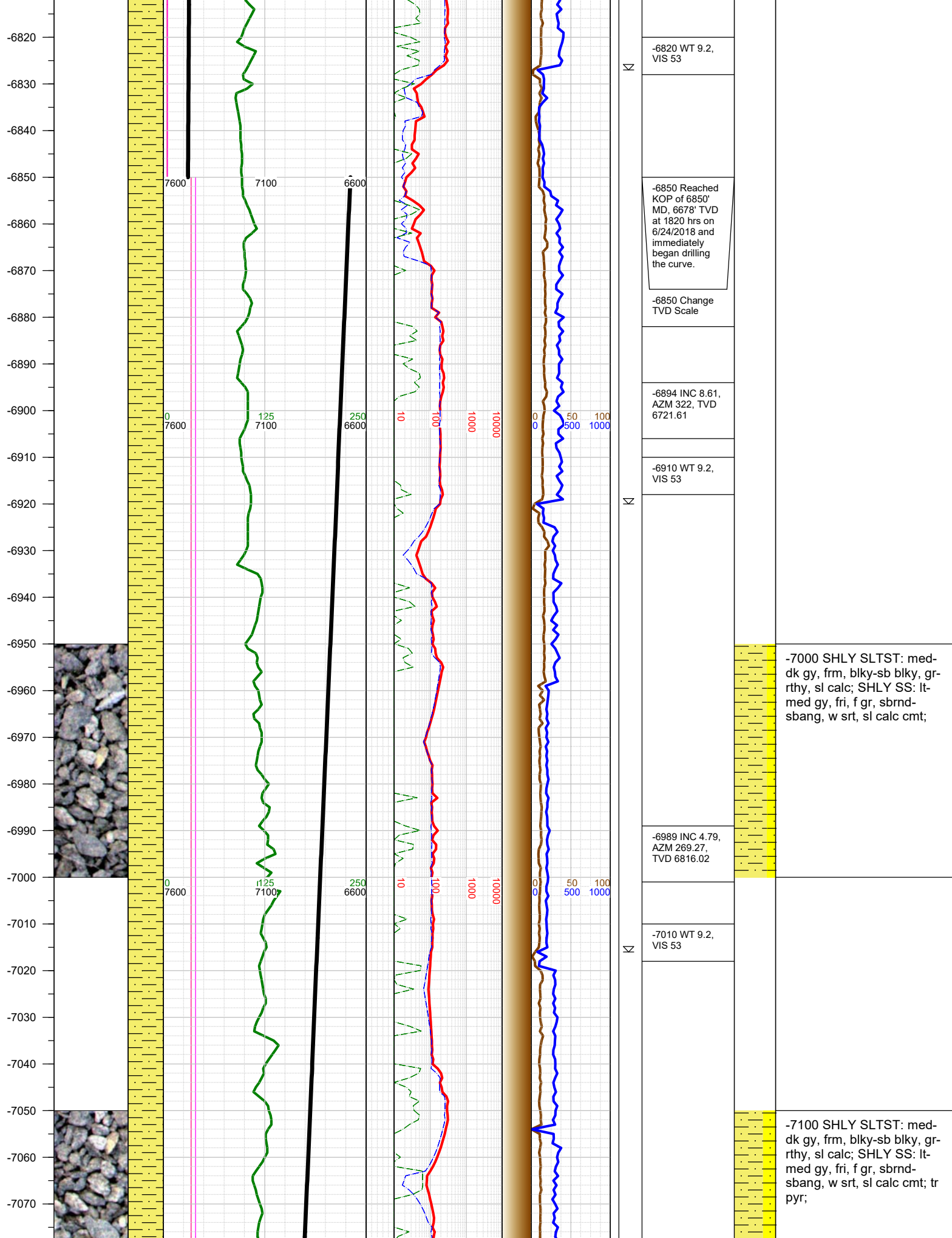


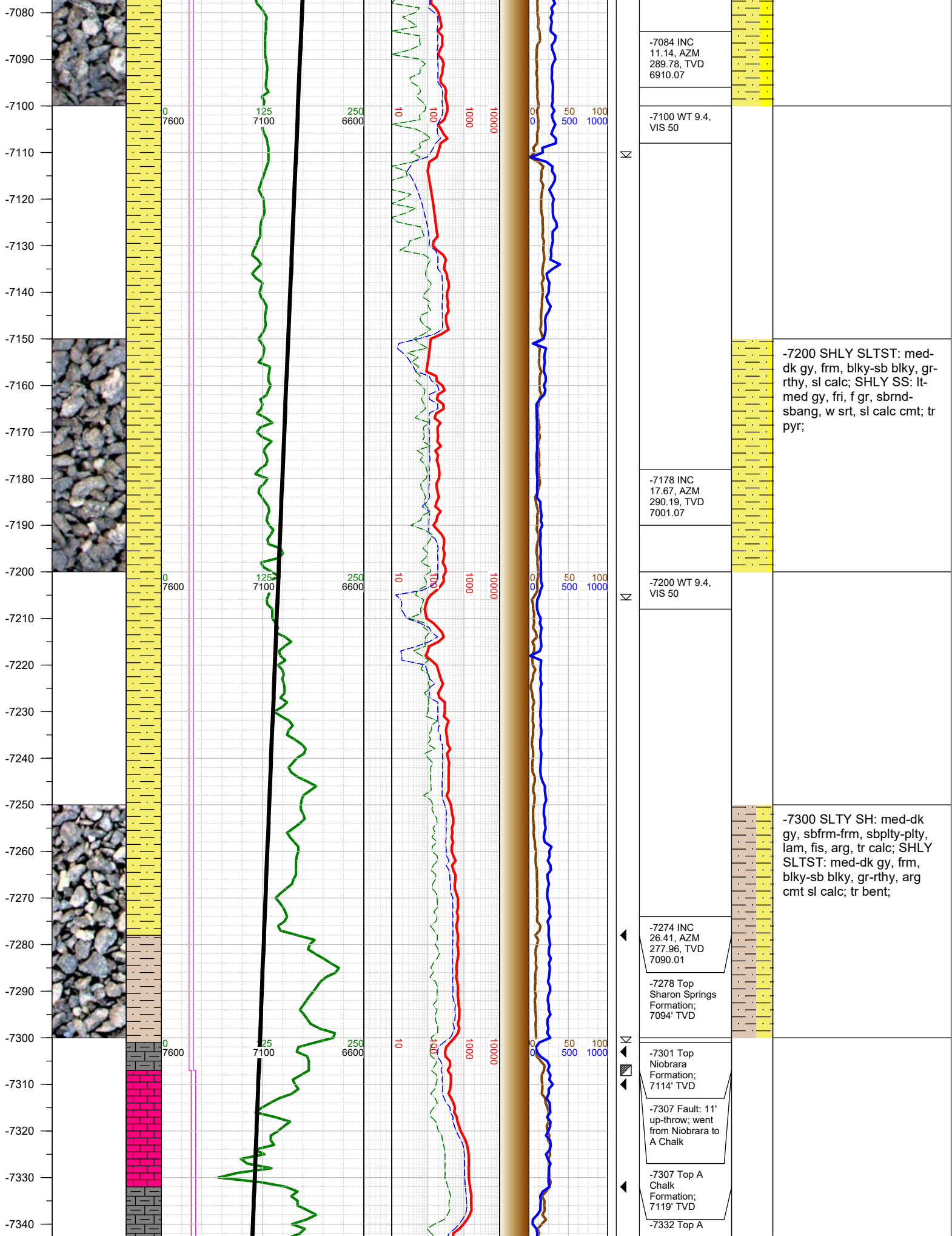


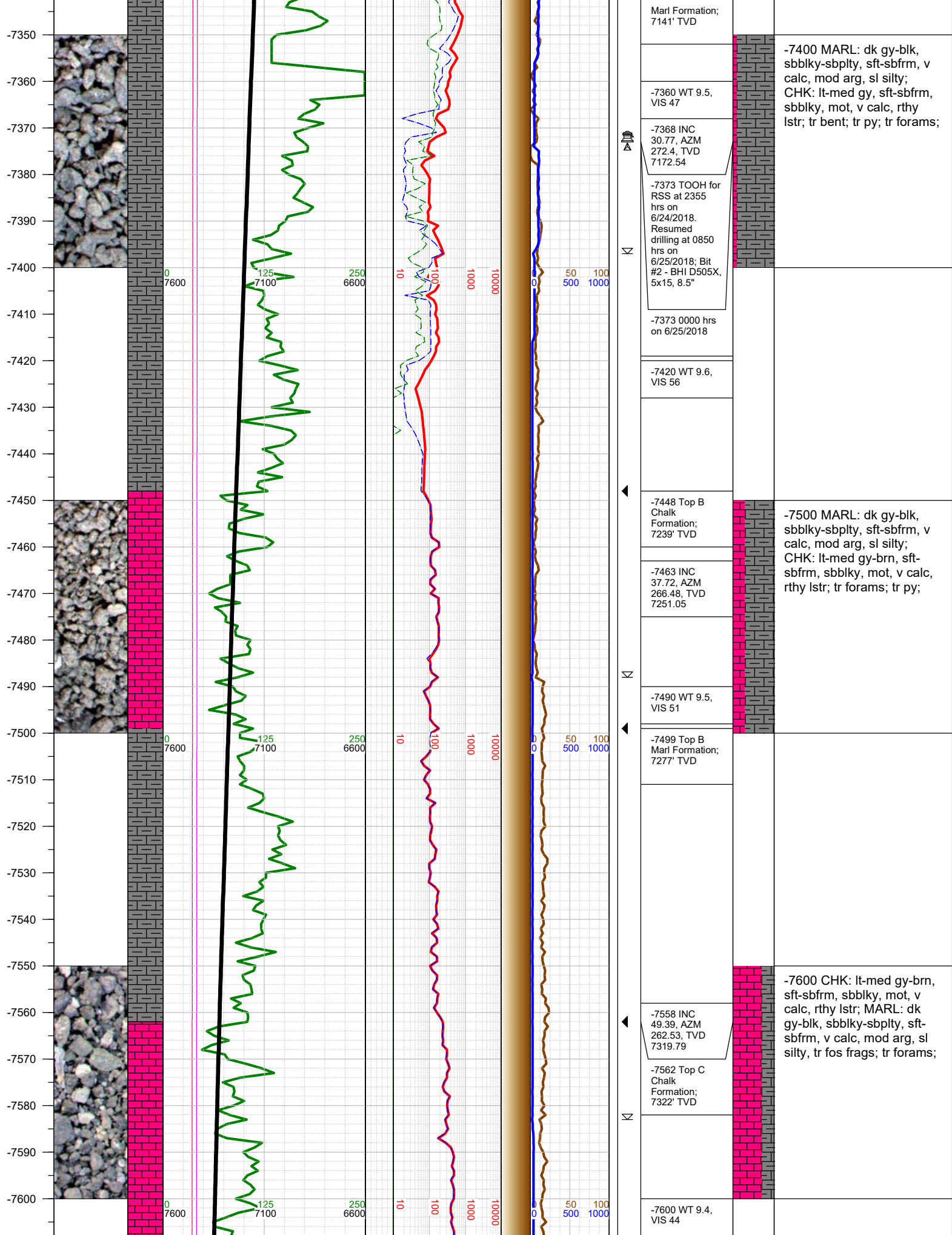


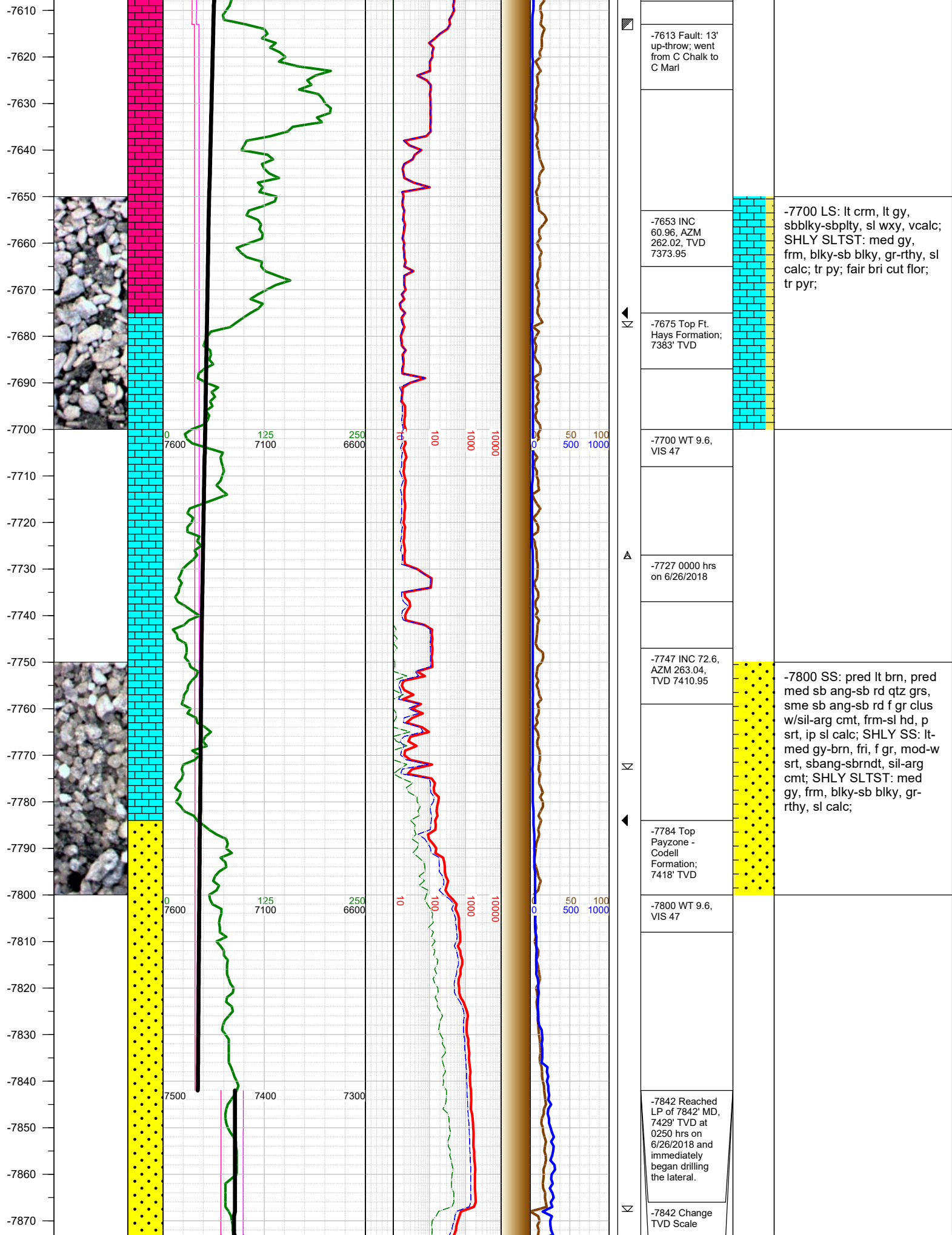


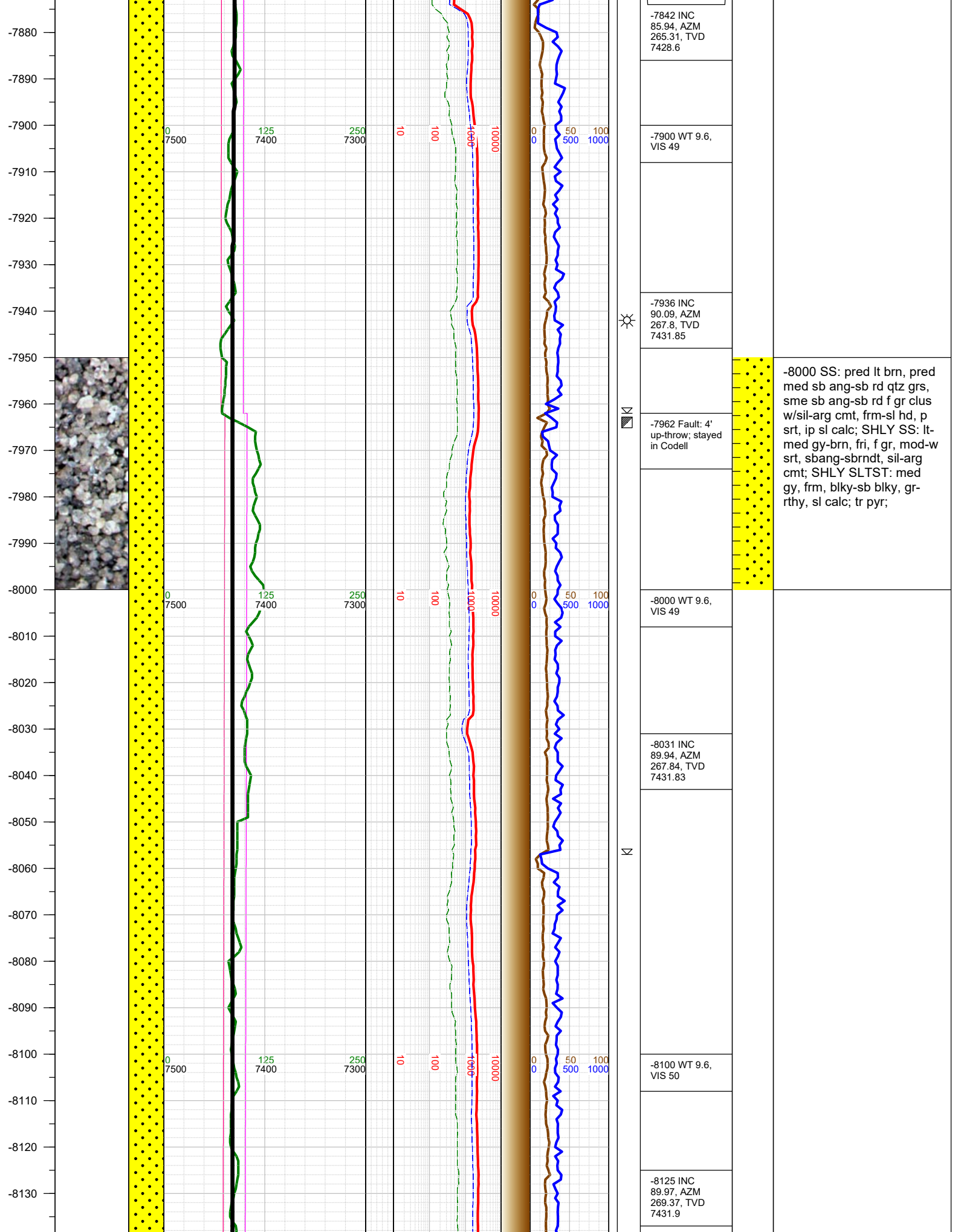
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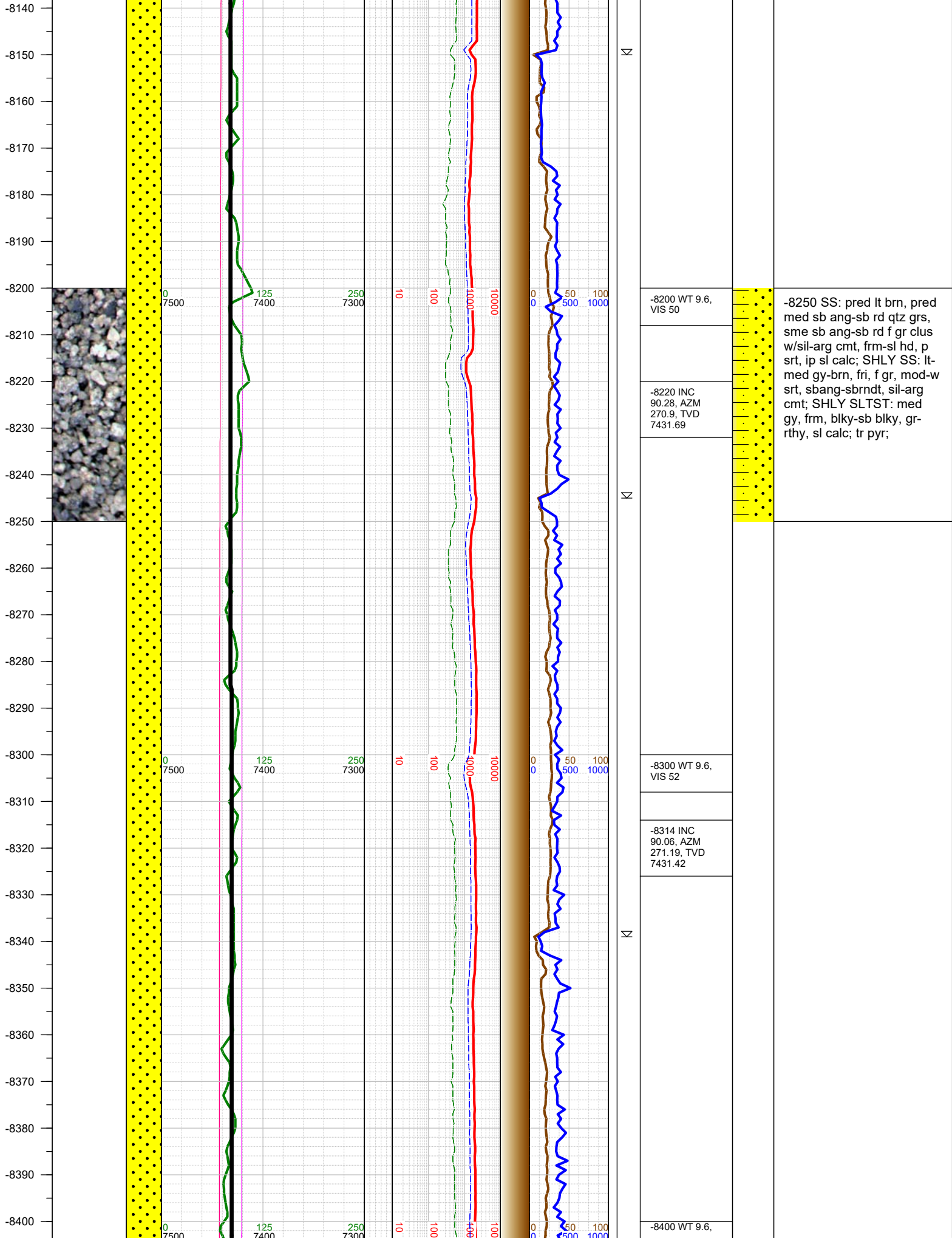




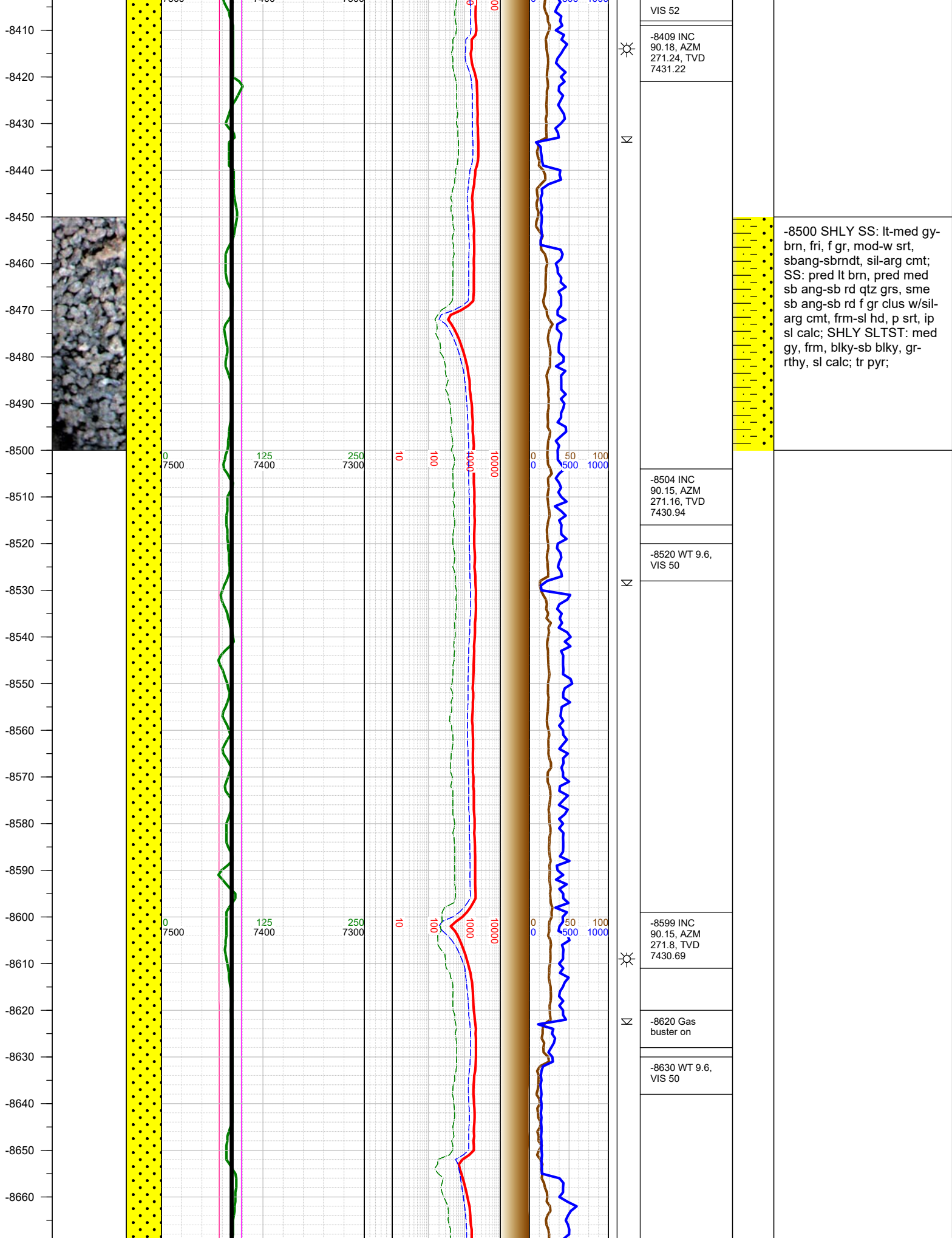


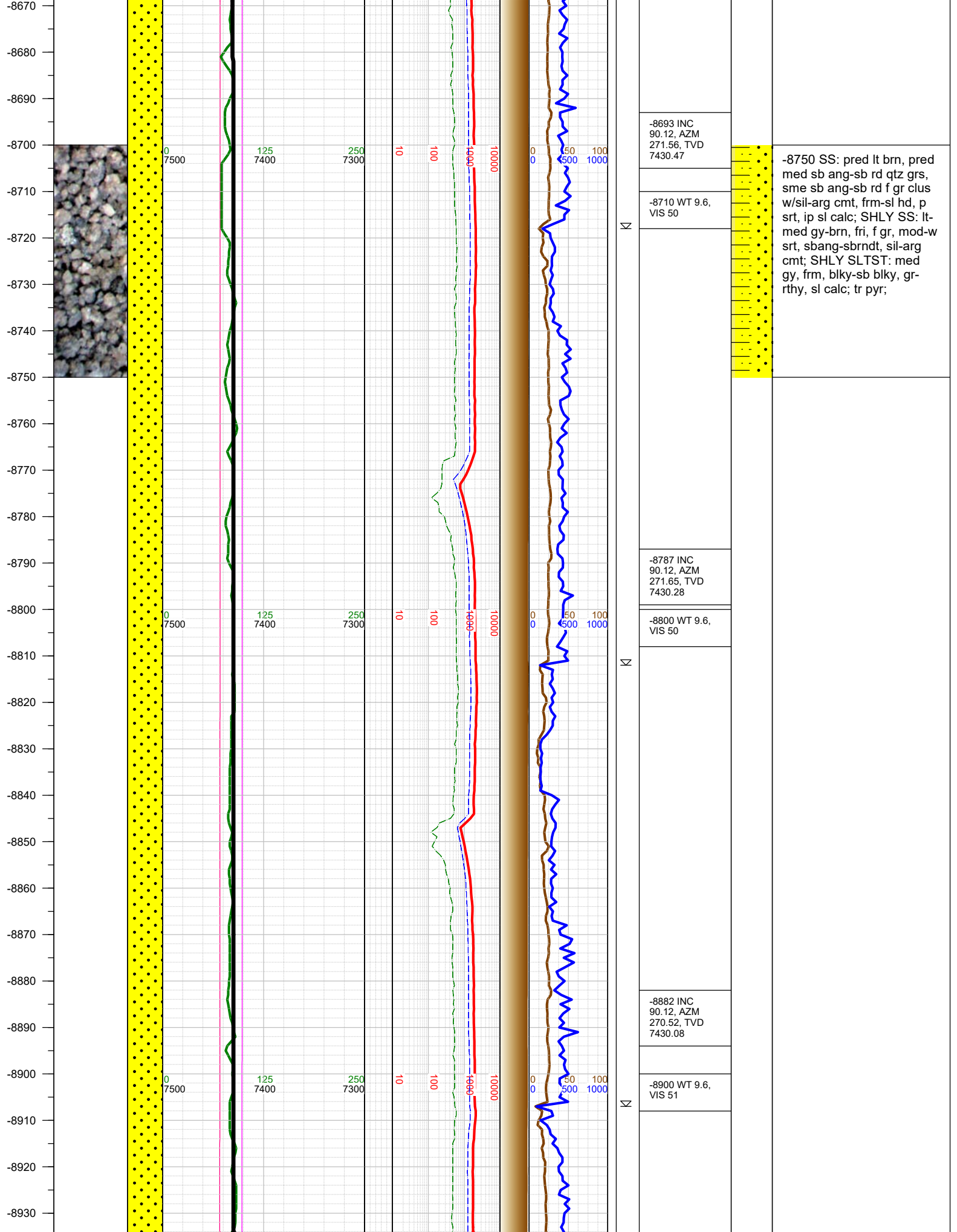


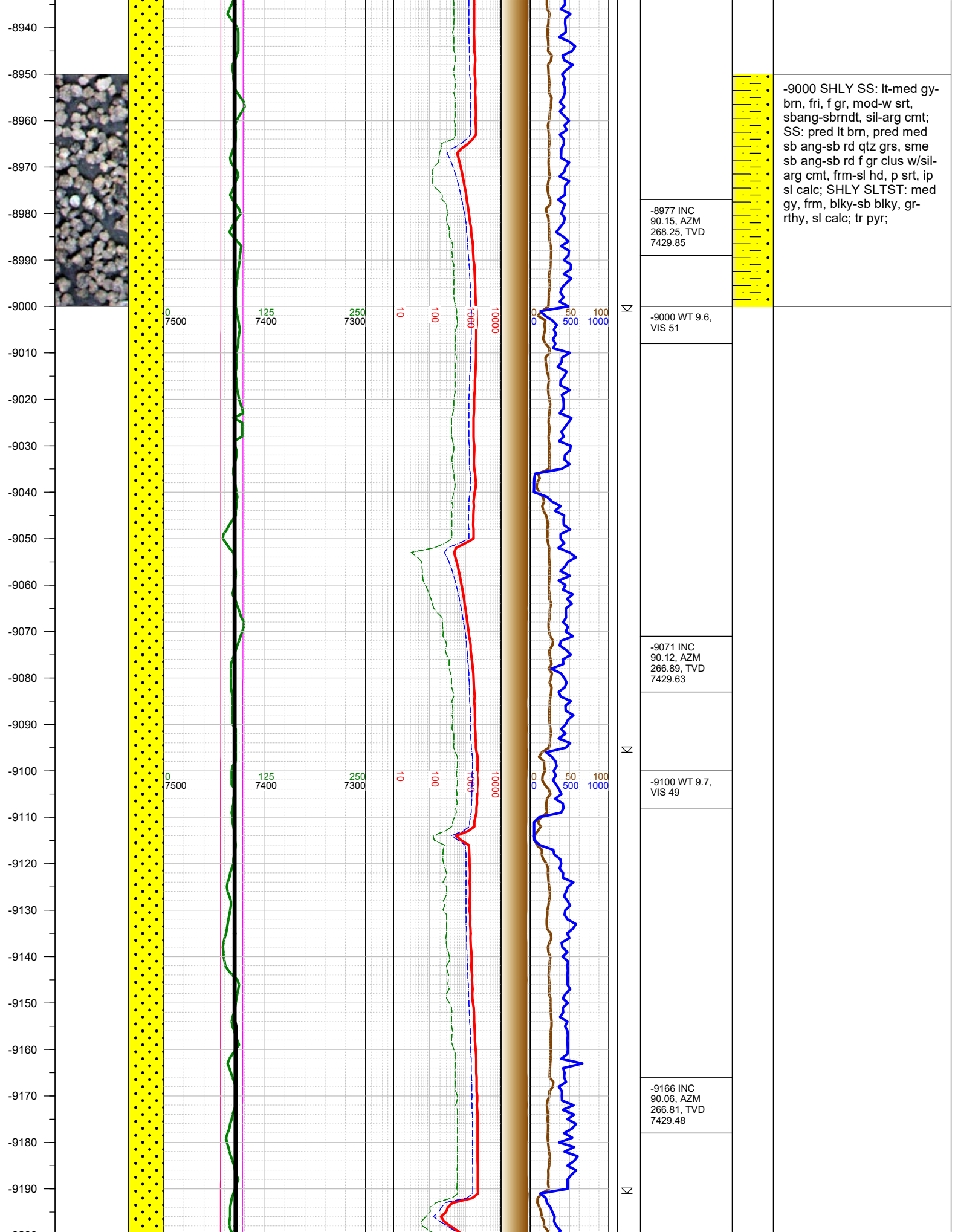


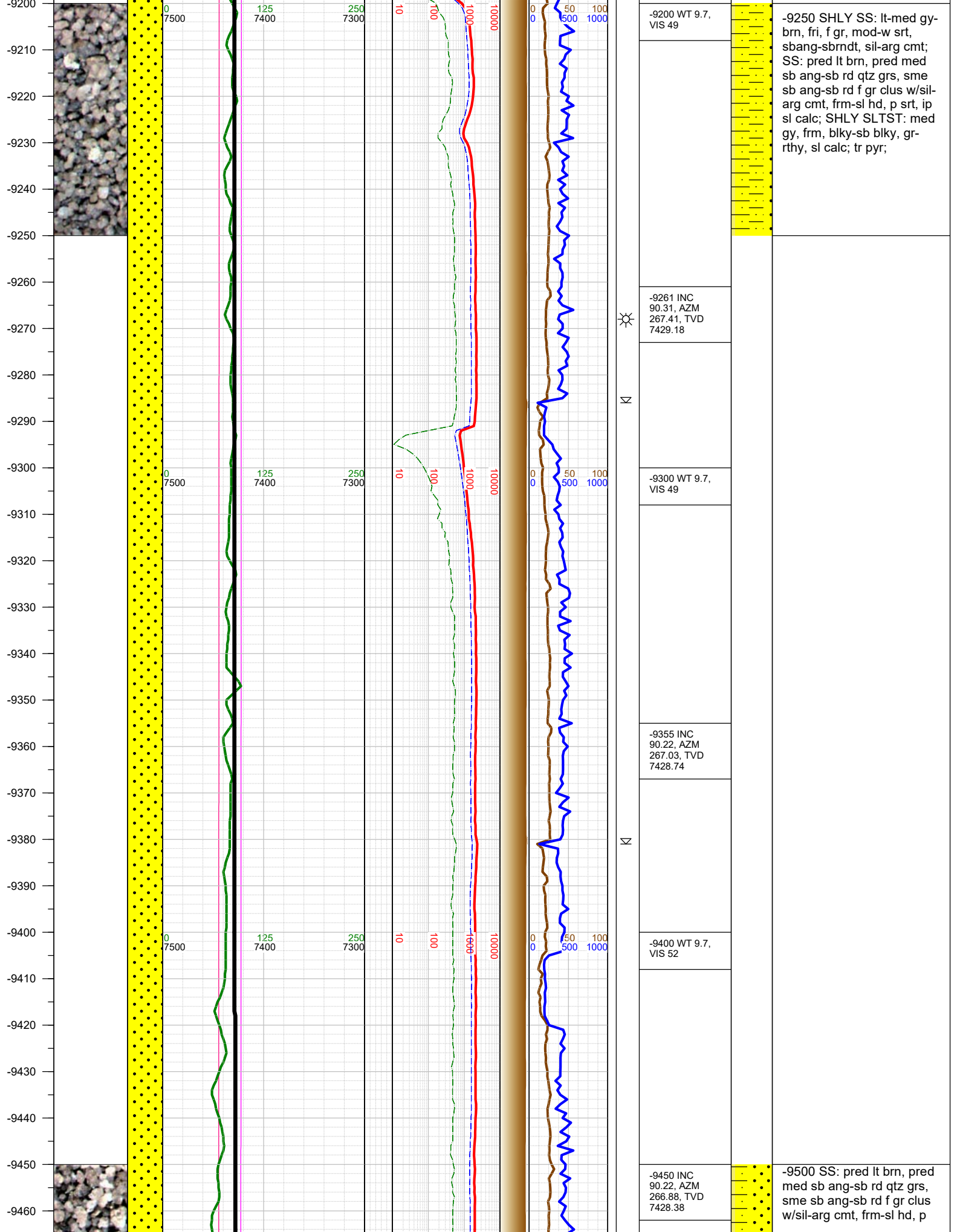


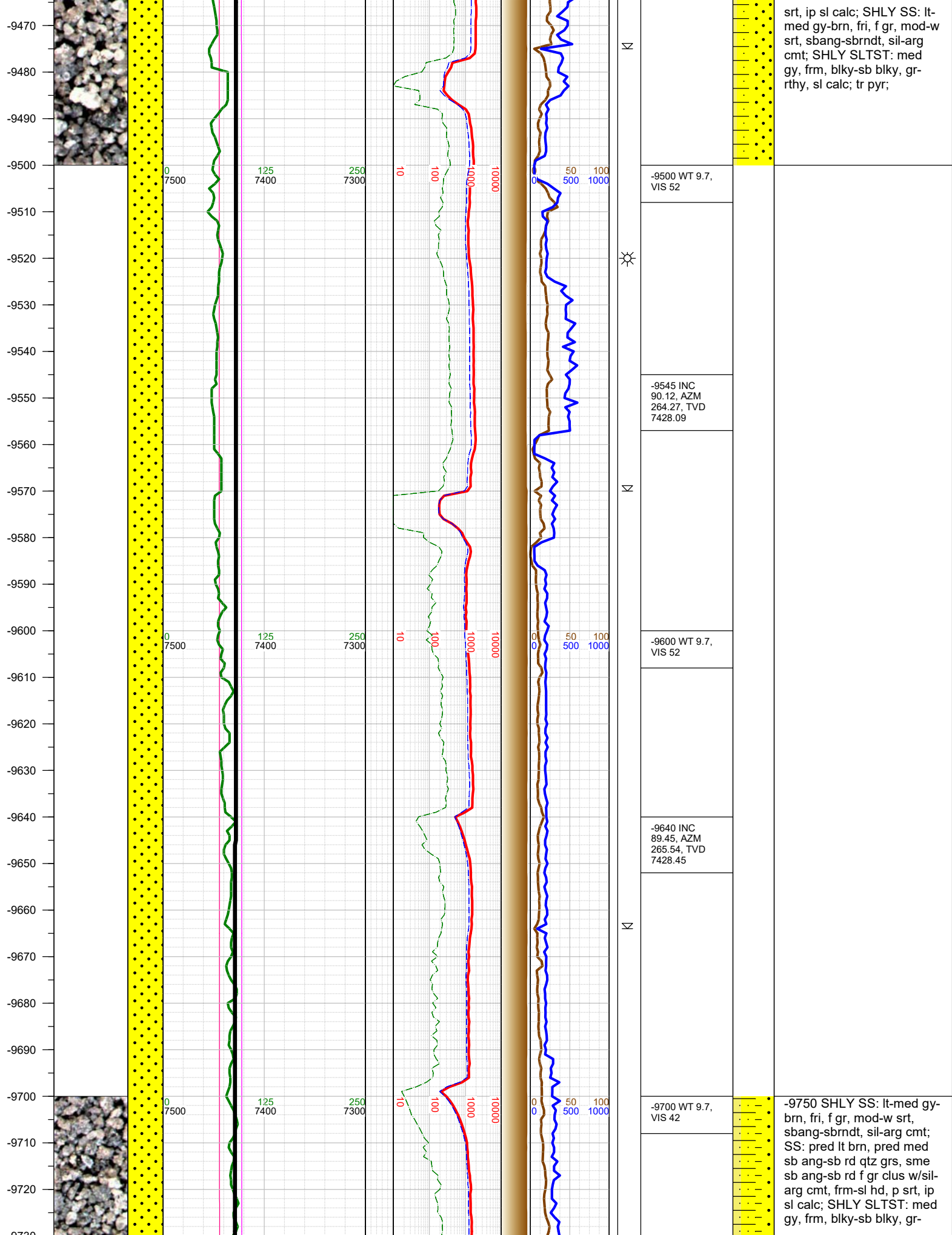
-8250 SS: pred lt brn, pred med sb ang-sb rd qtz grs, sme sb ang-sb rd f gr clus w/sil-arg cmt, frm-sl hd, p srt, ip sl calc; SHLY SS: lt-med gy-brn, fri, f gr, mod-w srt, sbang-sbrndt, sil-arg cmt; SHLY SLTST: med gy, frm, blk-sb blk, gr-rthy, sl calc; tr pyr;

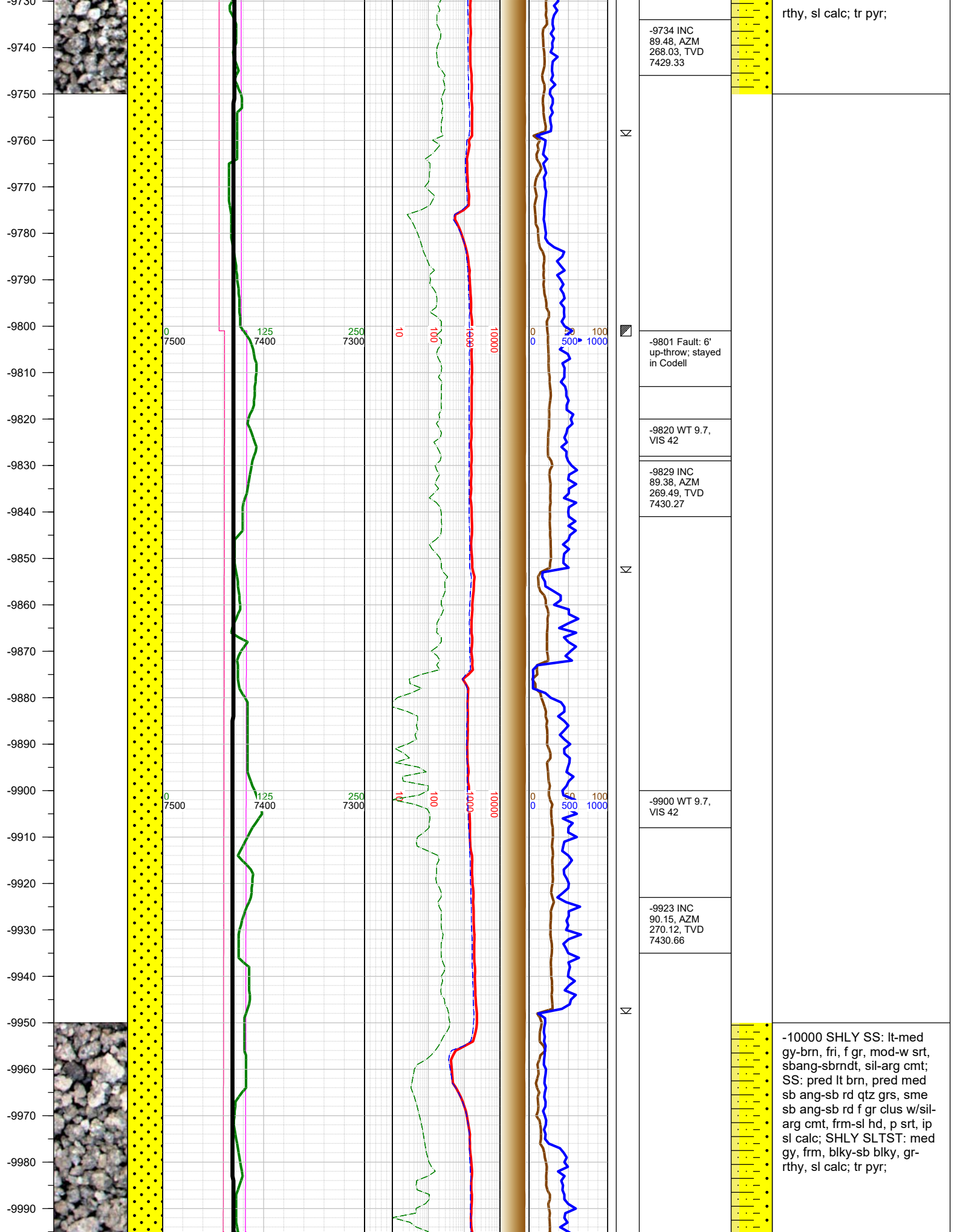


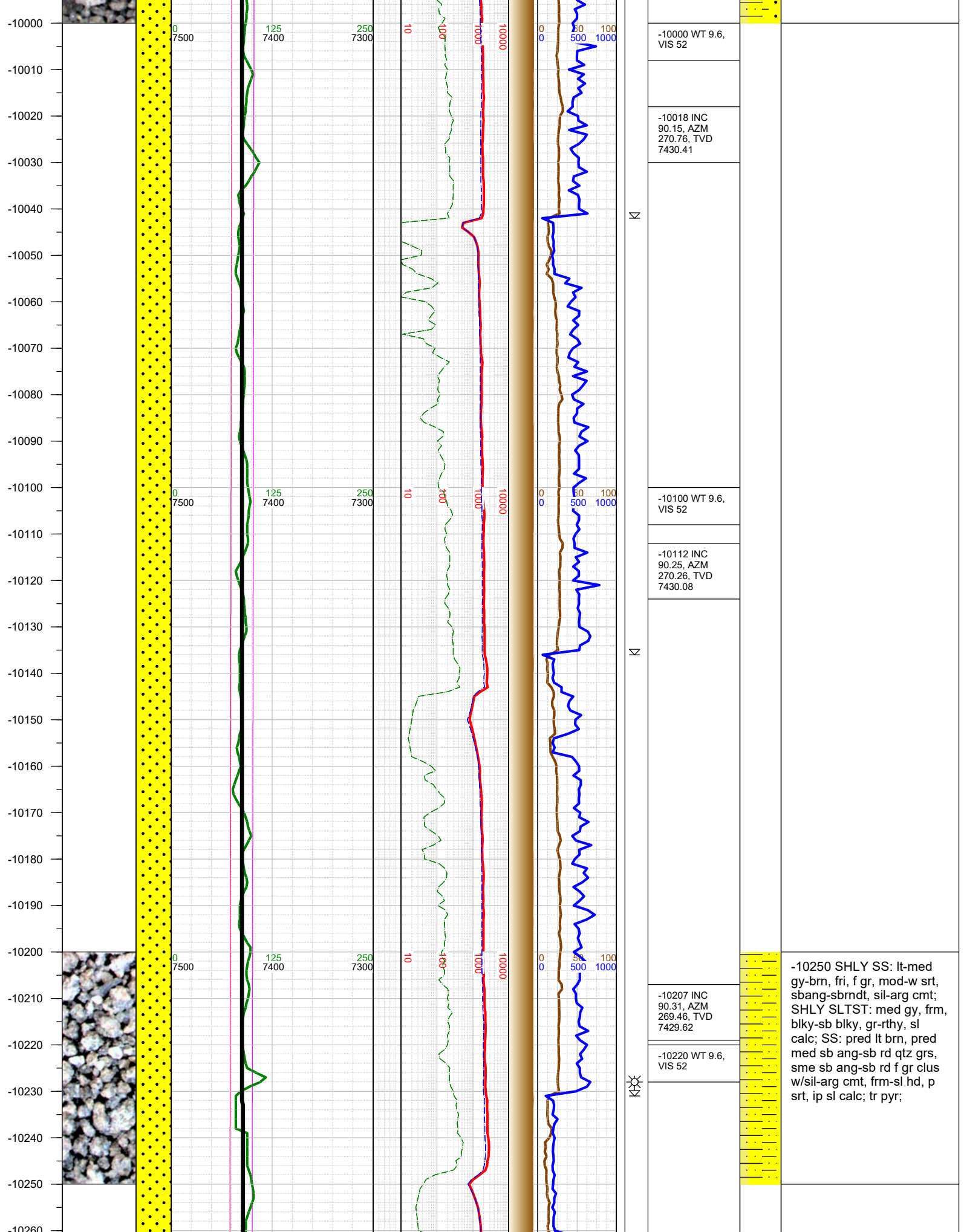


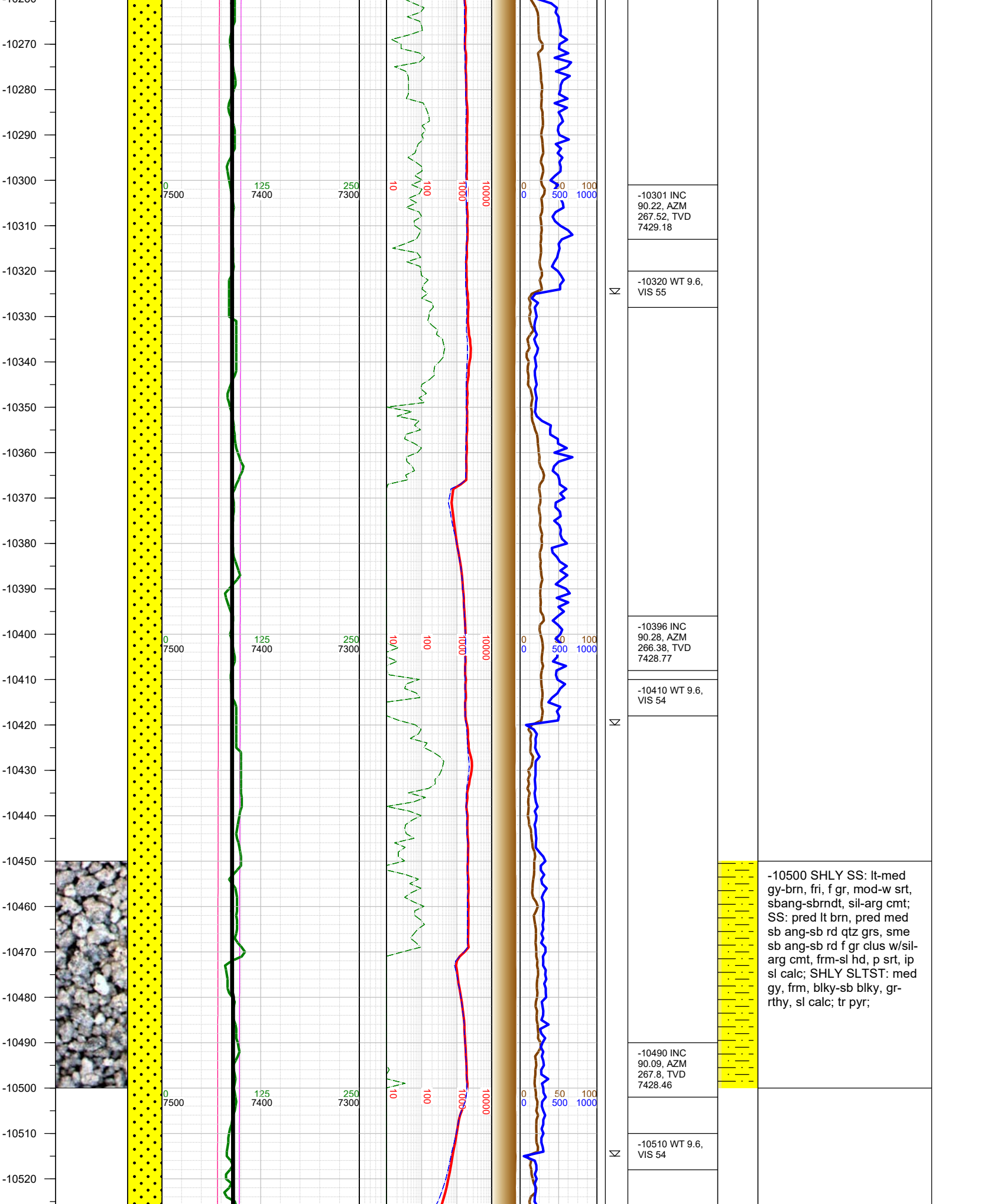




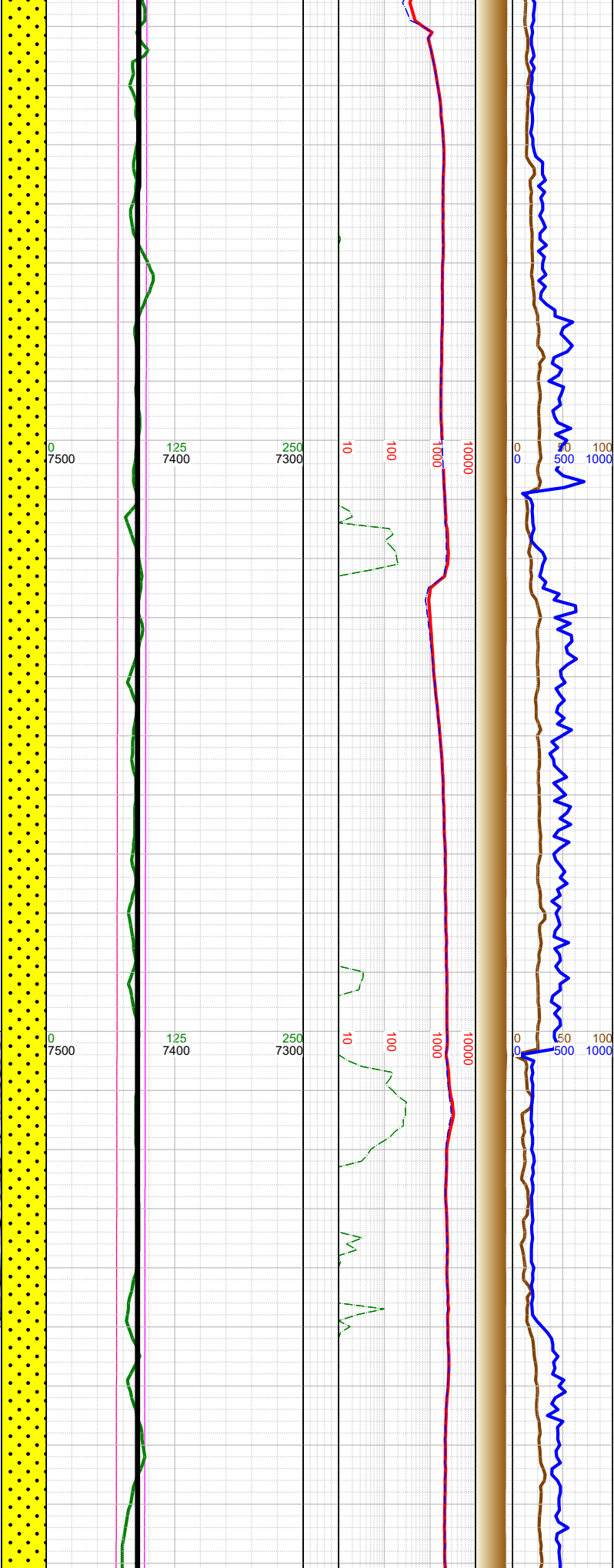








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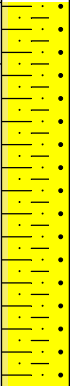
-10585 INC
89.85, AZM
269.15, TVD
7428.51

-10600 WT 9.6,
VIS 54

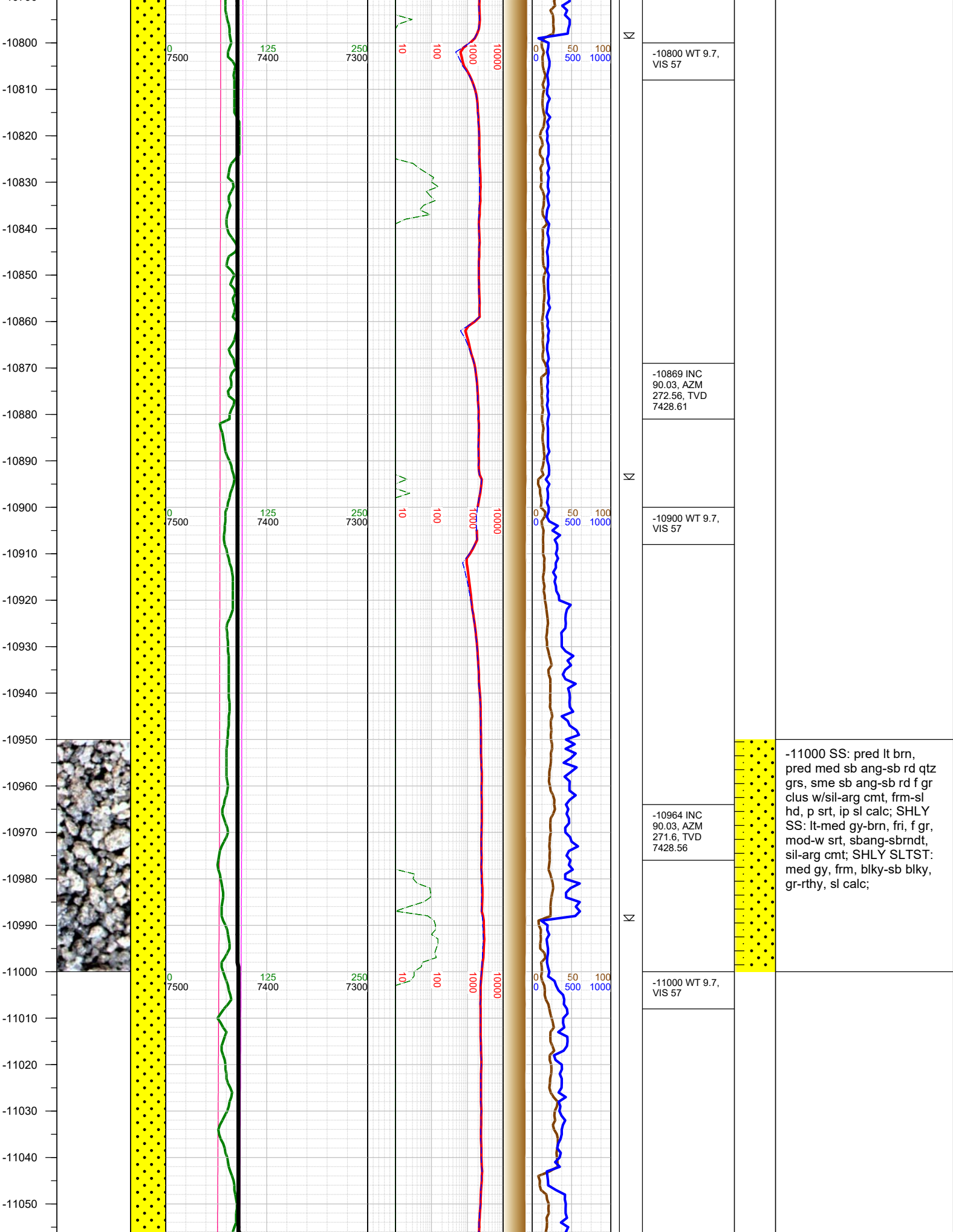
-10679 INC
89.97, AZM
270.97, TVD
7428.66

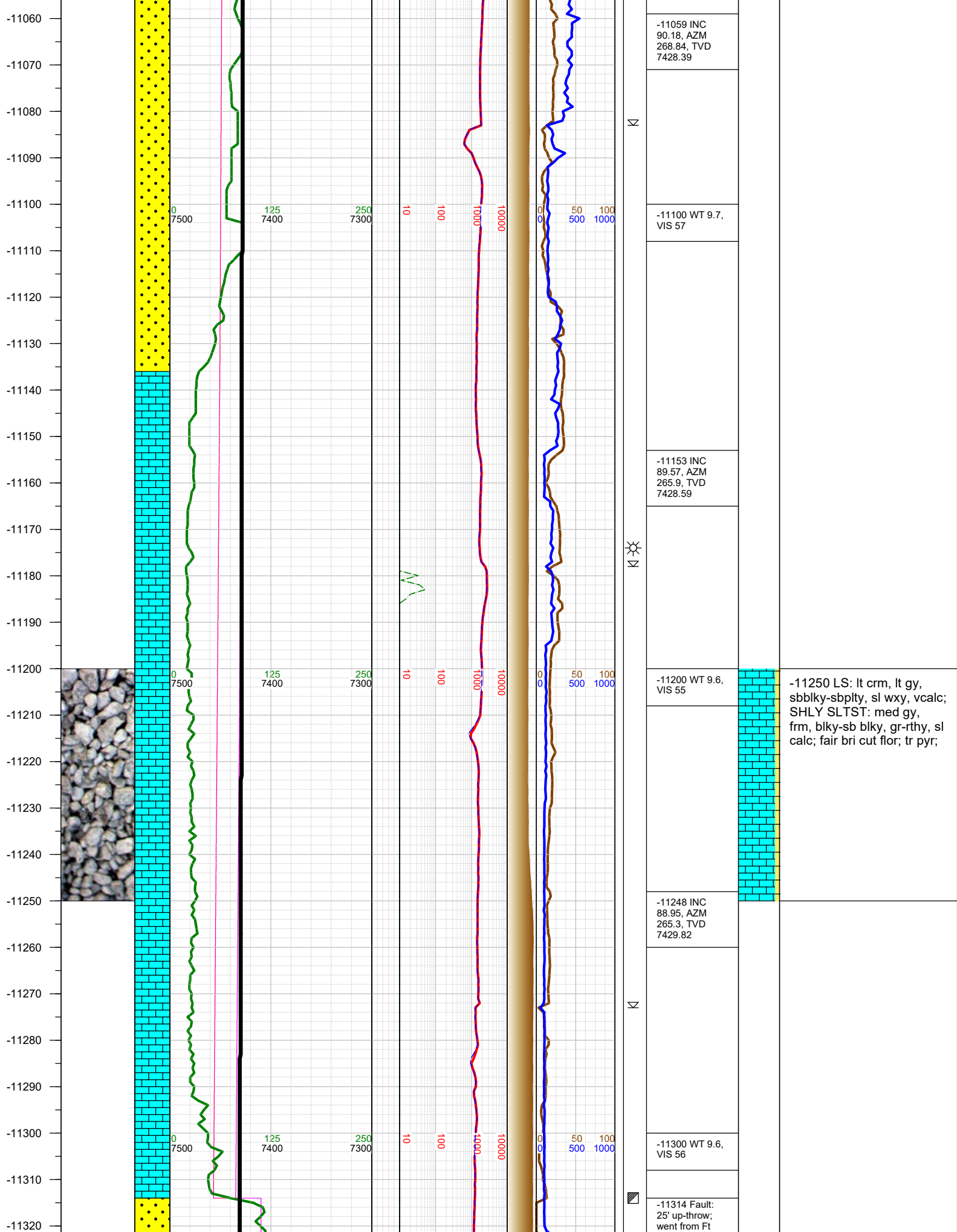
-10700 WT 9.6,
VIS 54

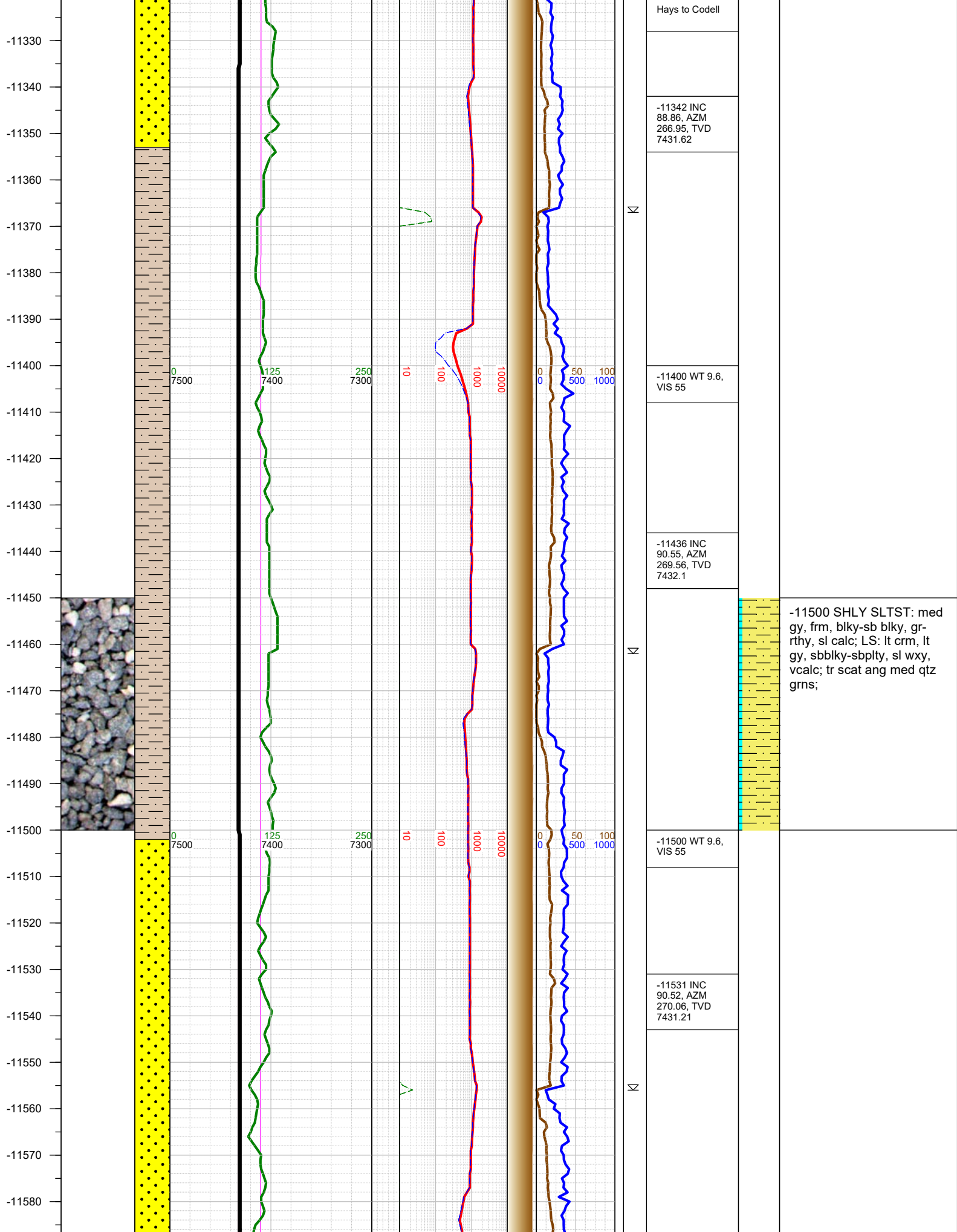
-10774 INC
90.03, AZM
273.12, TVD
7428.66

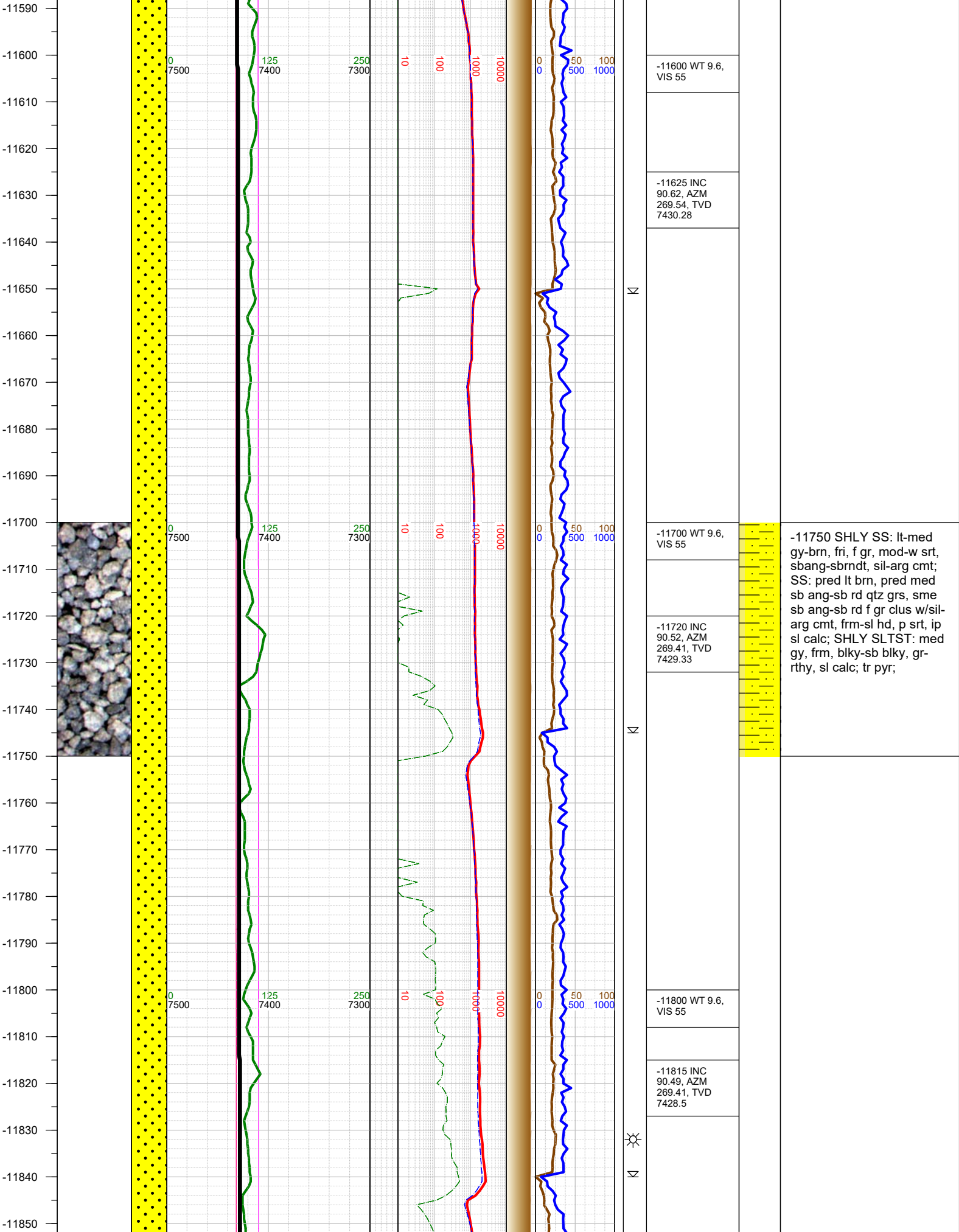


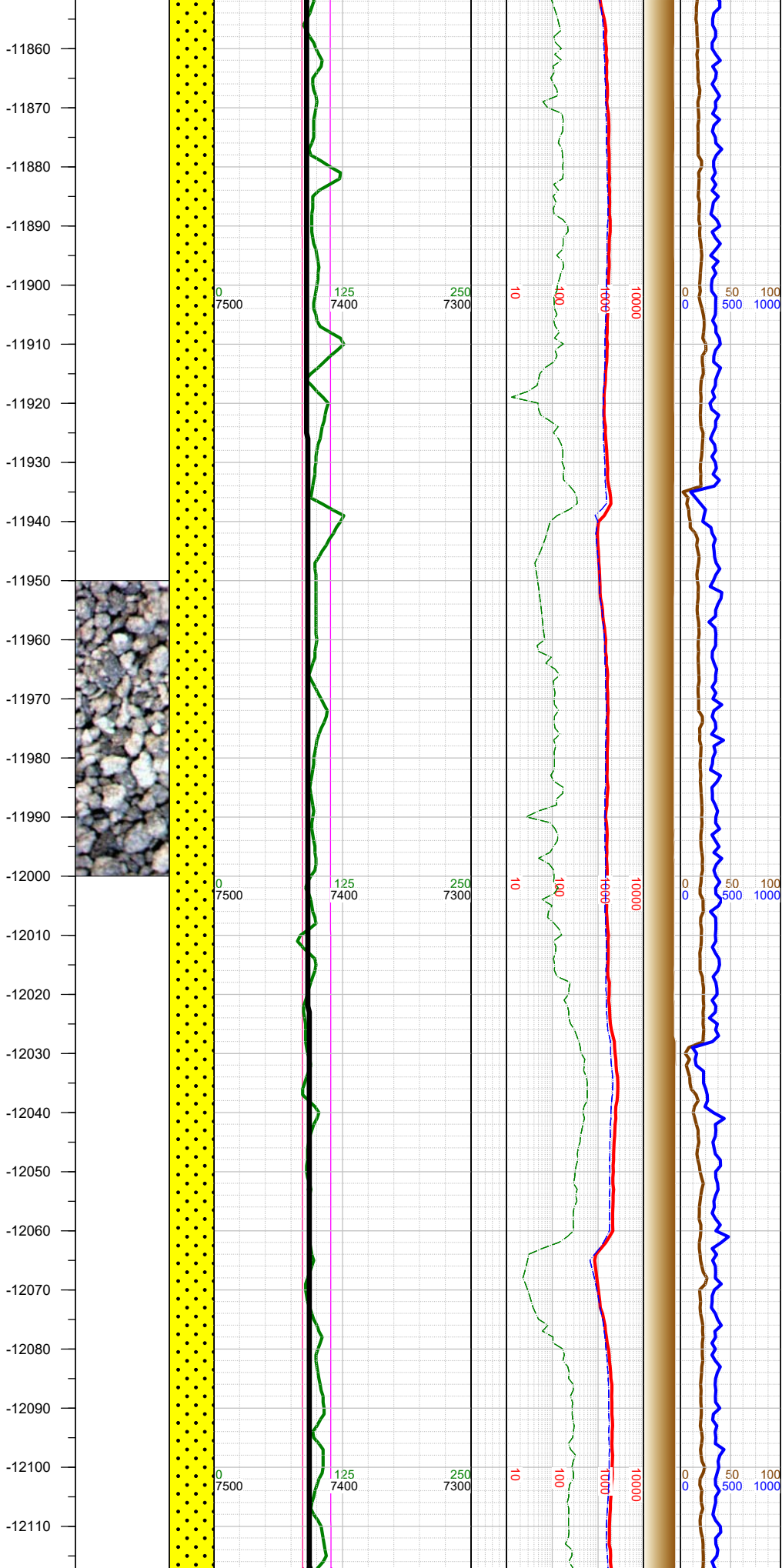
-10750 SHLY SS: lt-med
gy-brn, fri, f gr, mod-w srt,
sbang-sbrndt, sil-arg cmt;
SS: pred lt brn, pred med
sb ang-sb rd qtz grs, sme
sb ang-sb rd f gr clus w/sil-
arg cmt, frm-sl hd, p srt, ip
sl calc; SHLY SLTST: med
gy, frm, blkly-sb blkly, gr-
rthy, sl calc; tr pyr;



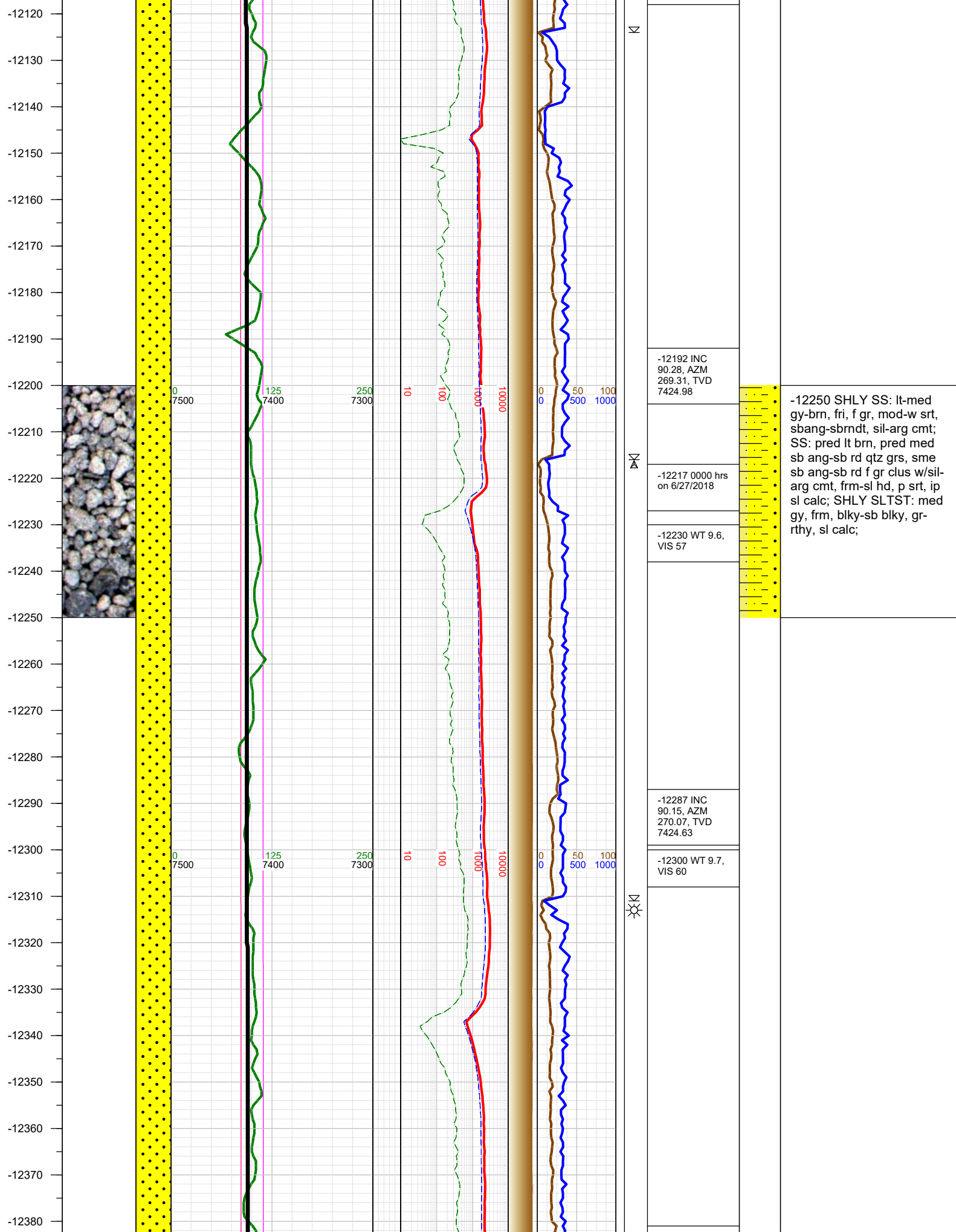


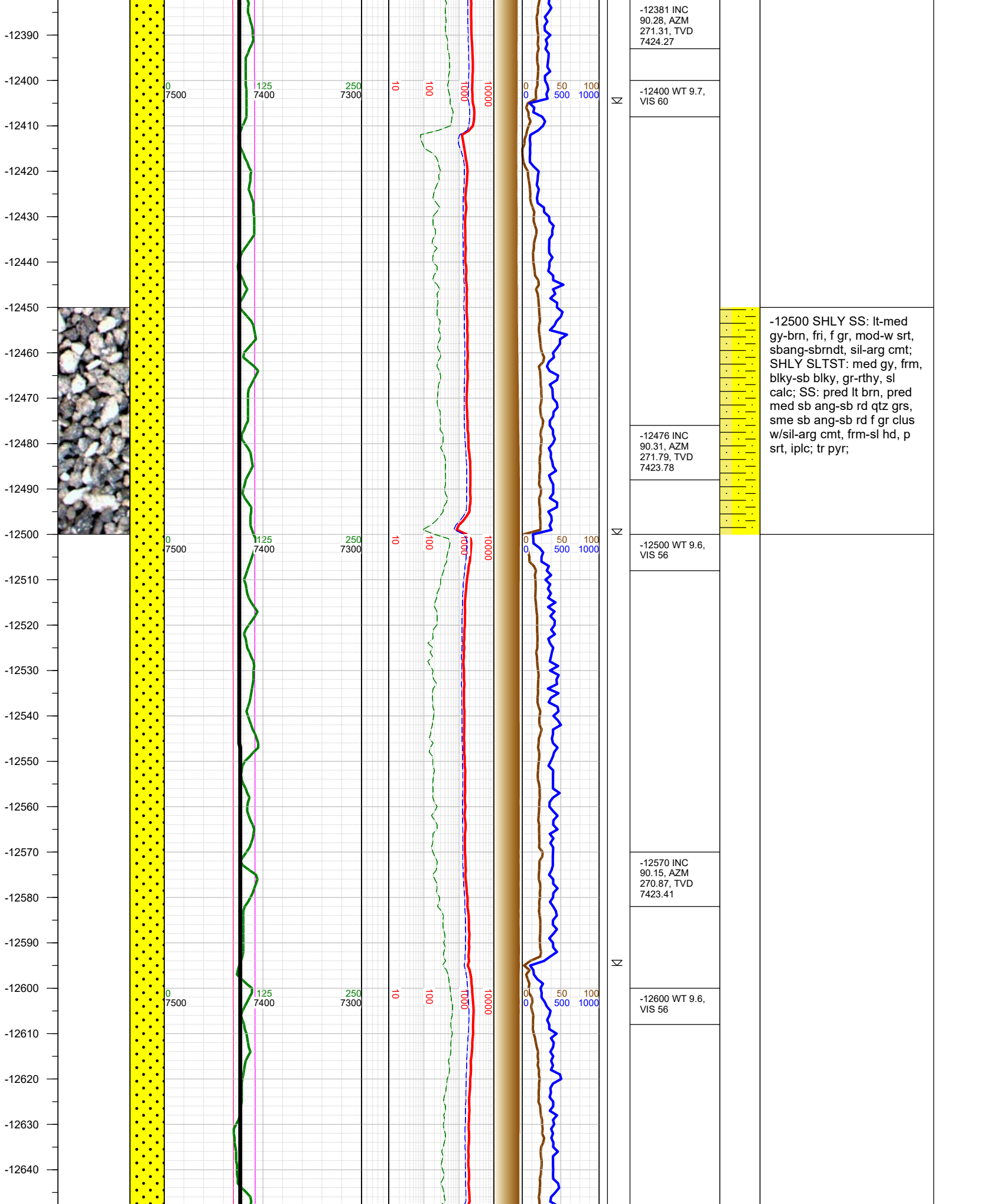


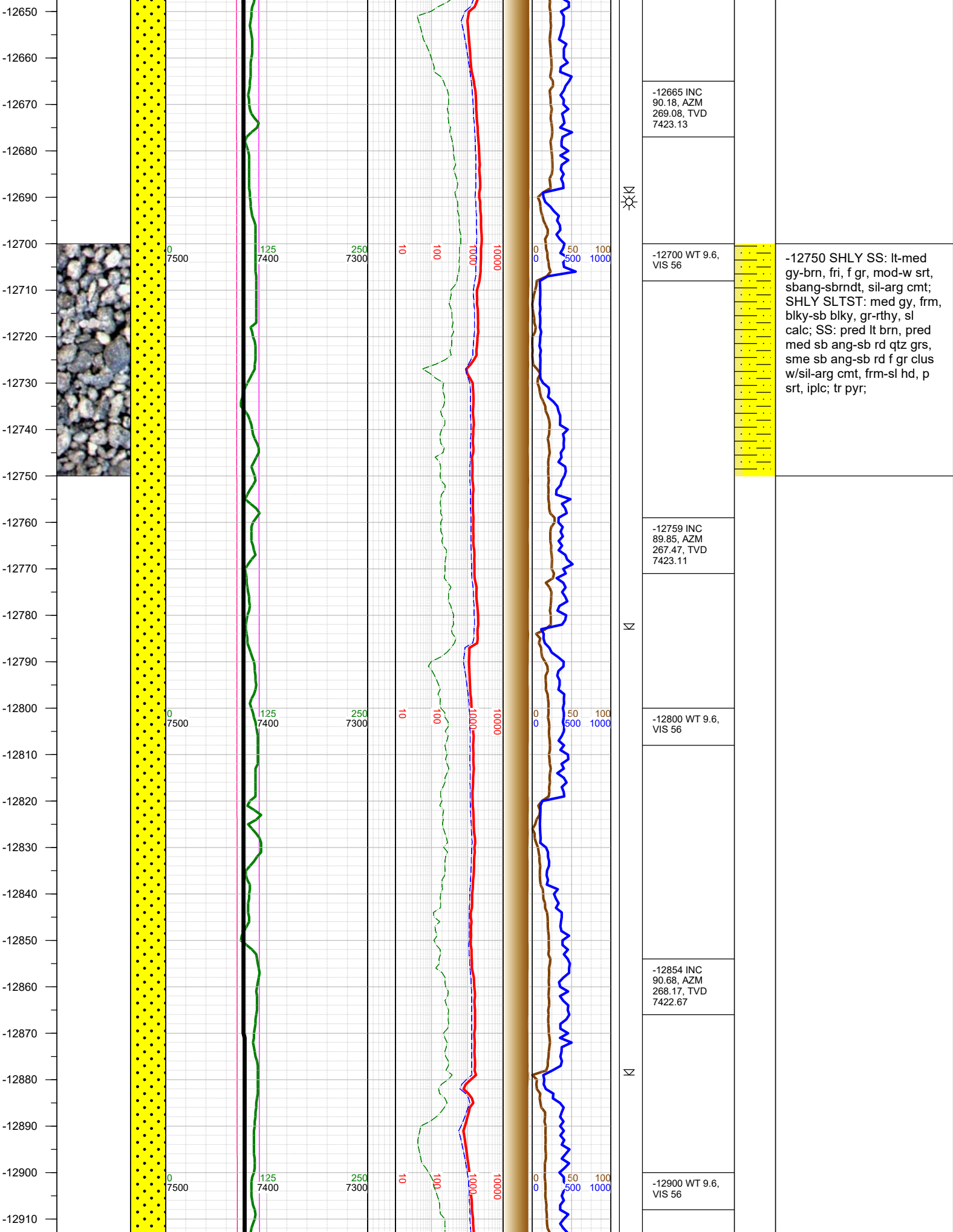


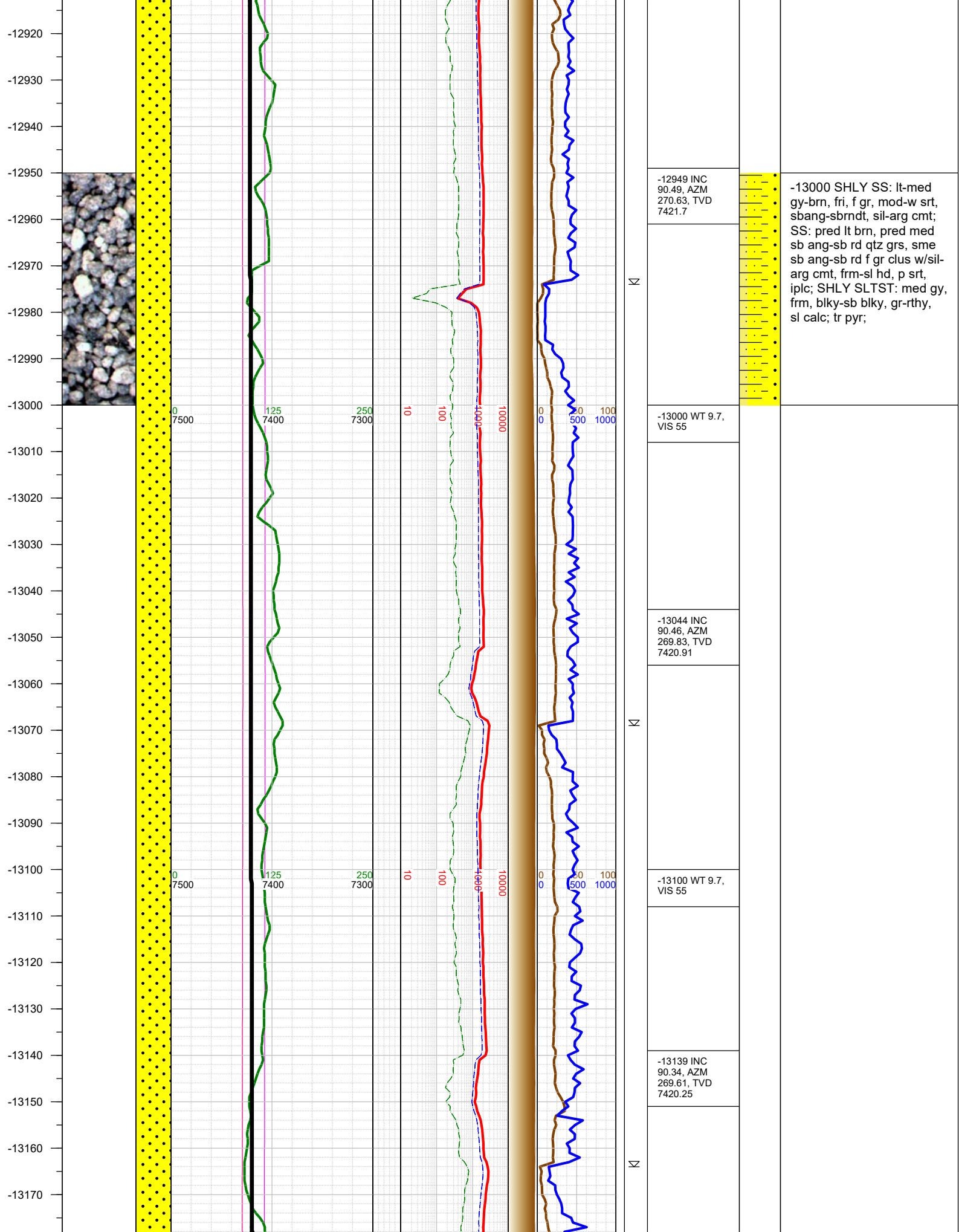


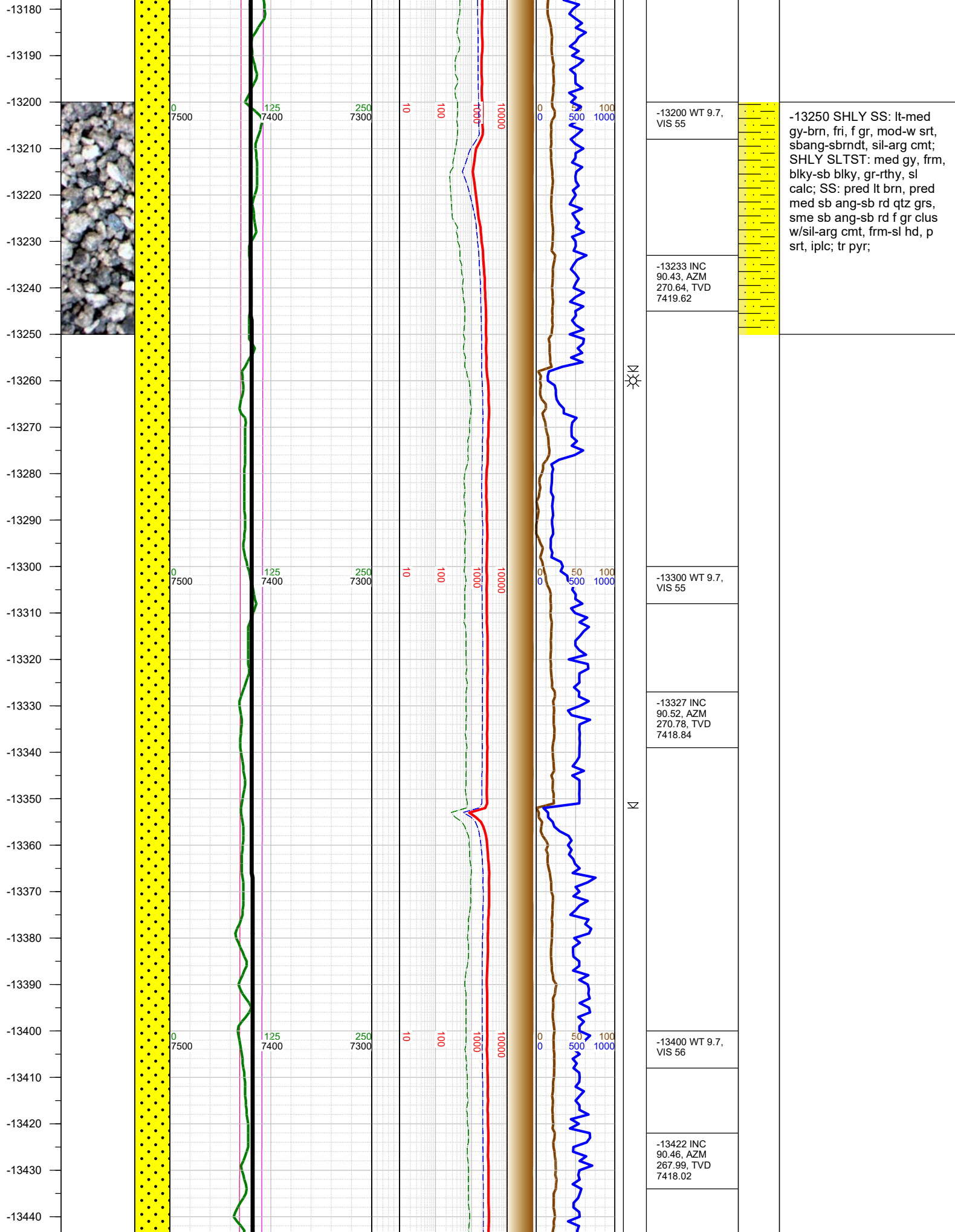
N		
	-11900 WT 9.6, VIS 55	
	-11908 INC 90.52, AZM 269.49, TVD 7427.68	
N		-12000 SHLY SS: lt-med gy-brn, fri, f gr, mod-w srt, sbang-sbrndt, sil-arg cmt; SS: pred lt brn, pred med sb ang-sb rd qtz grs, sme sb ang-sb rd f gr clus w/sil- arg cmt, frm-sl hd, p srt, iplc; SHLY SLTST: med gy, frm, blk-y-sb blk-y, gr-rthy, sl calc; tr pyr;
	-12003 INC 90.65, AZM 269.39, TVD 7426.71	
	-12020 WT 9.6, VIS 57	
		-12098 INC 90.58, AZM 269.63, TVD 7425.69
	-12110 WT 9.6, VIS 57	

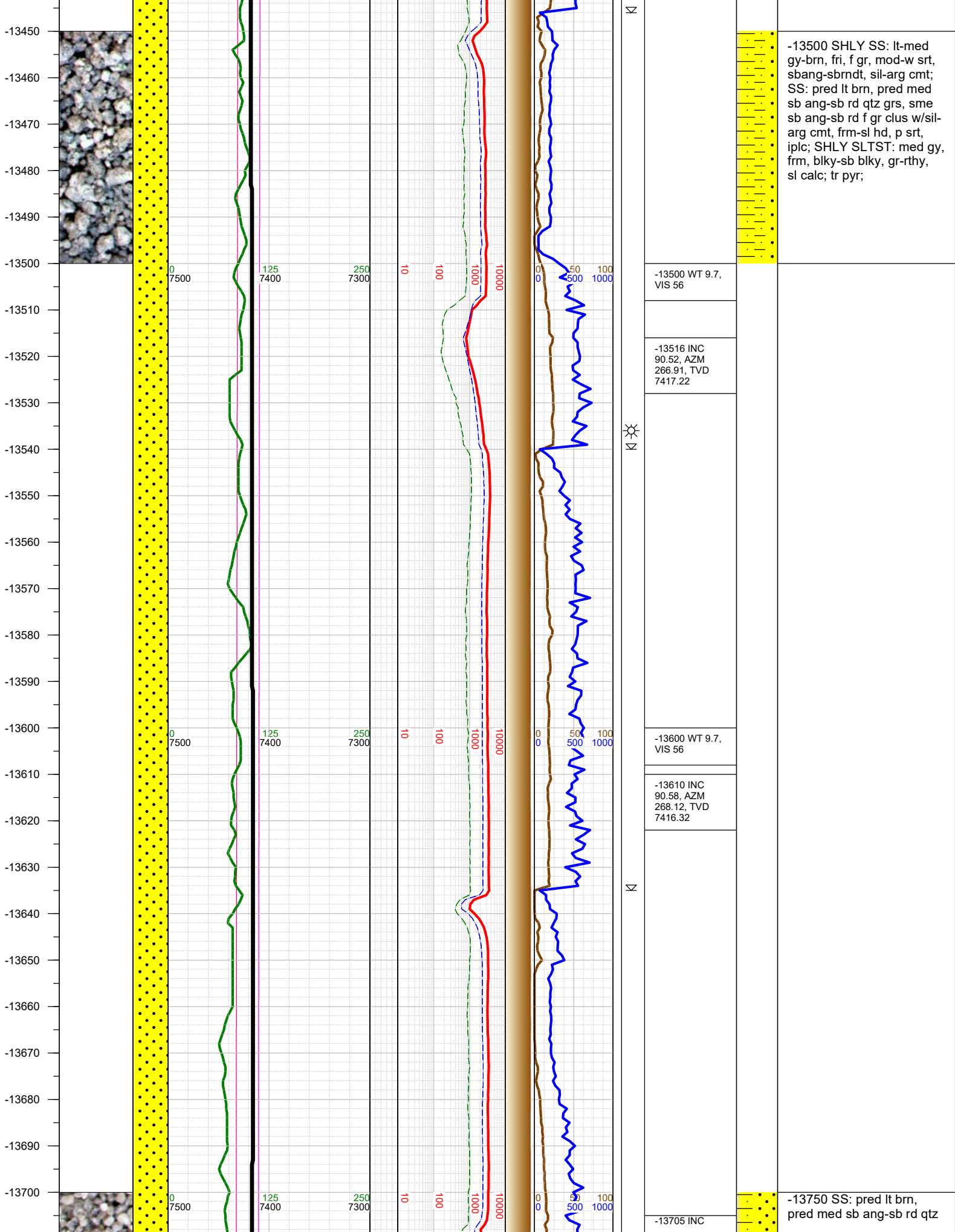


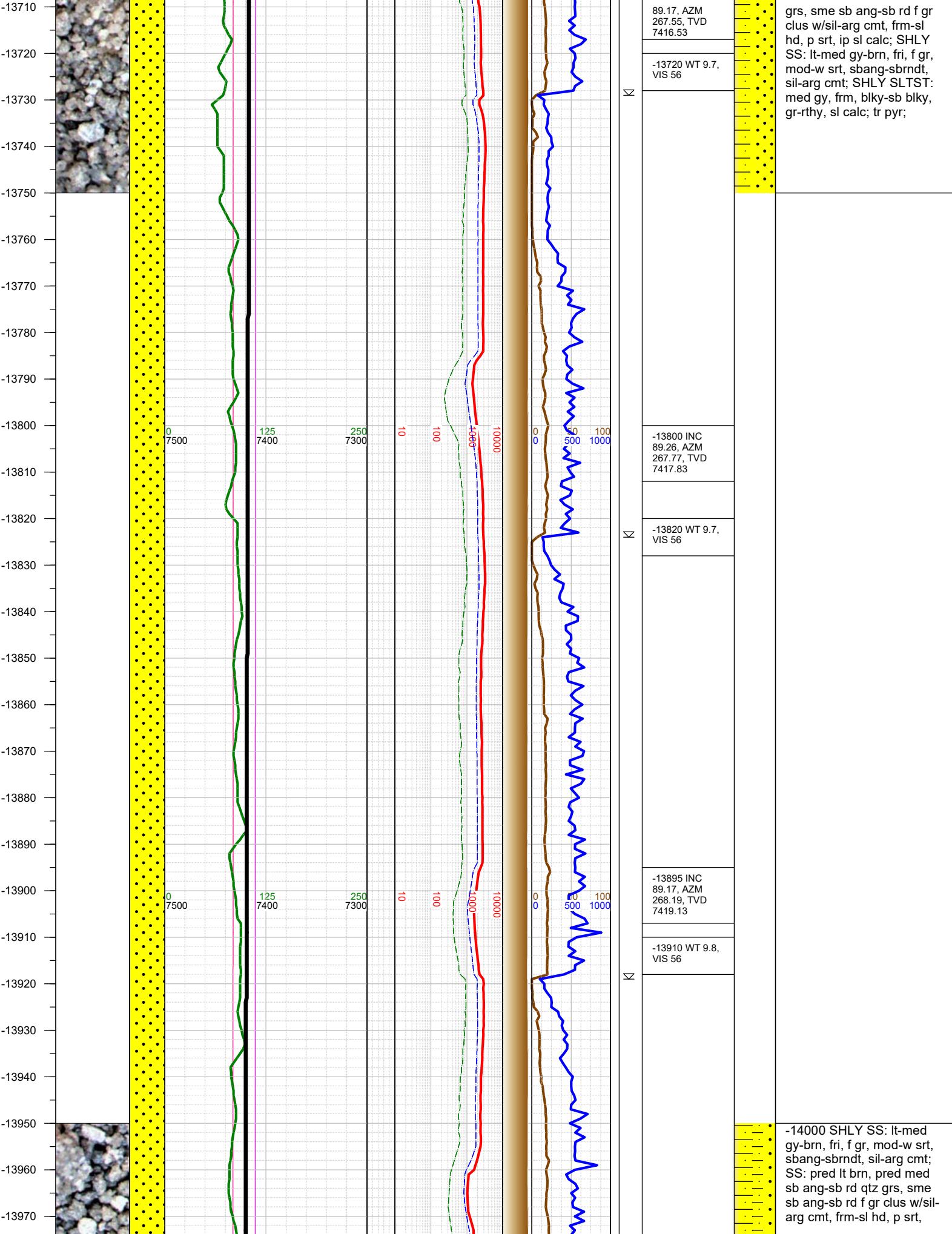


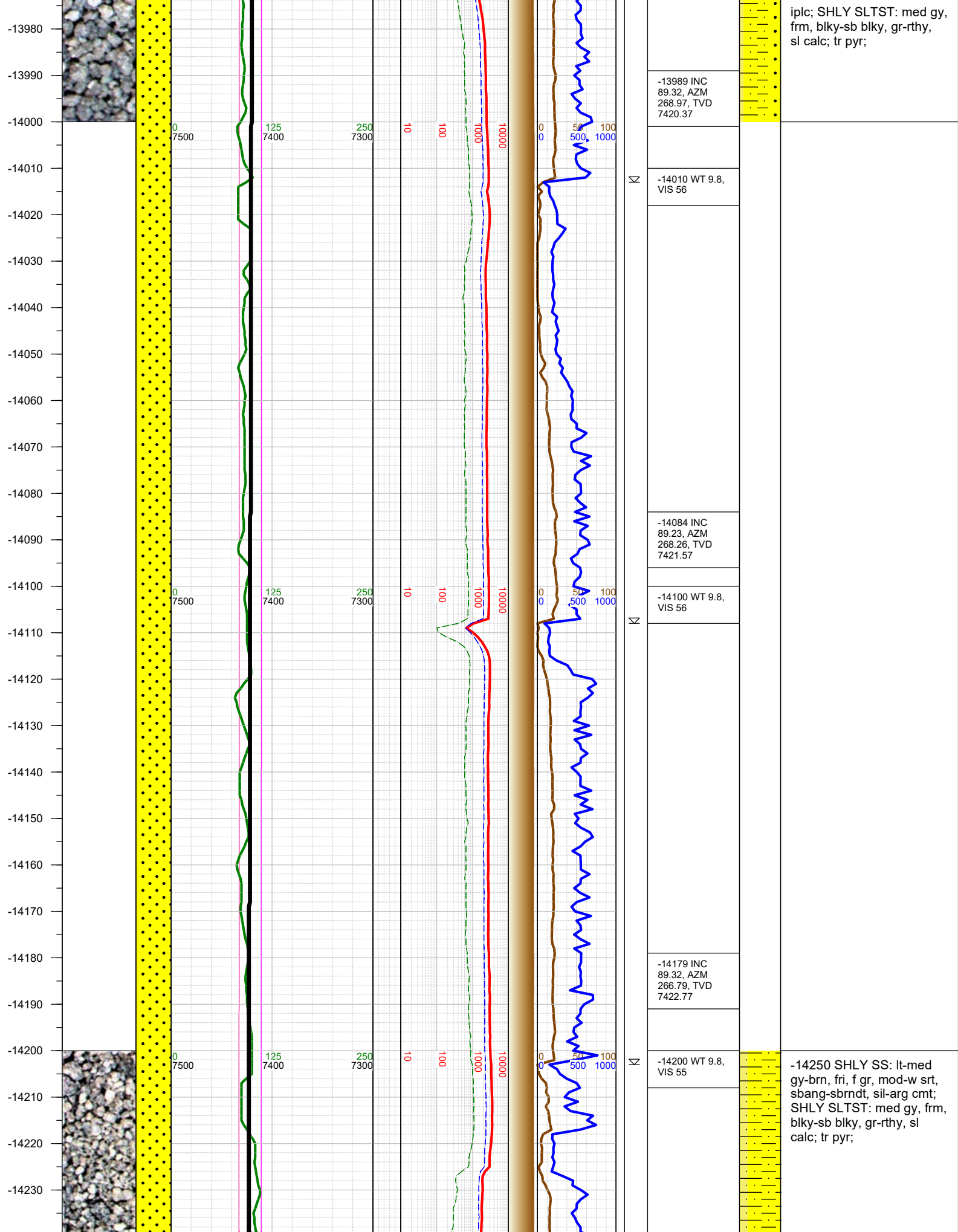


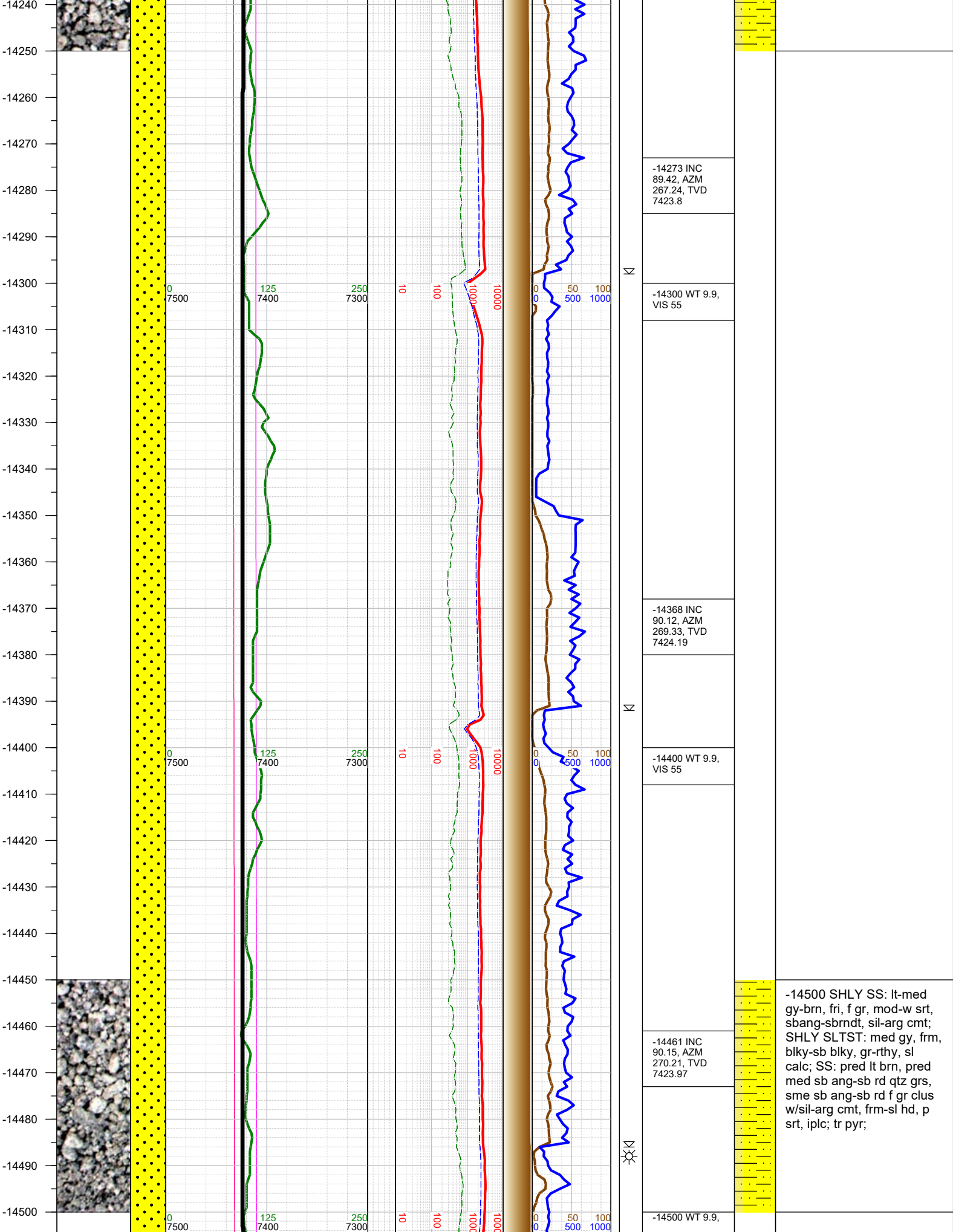


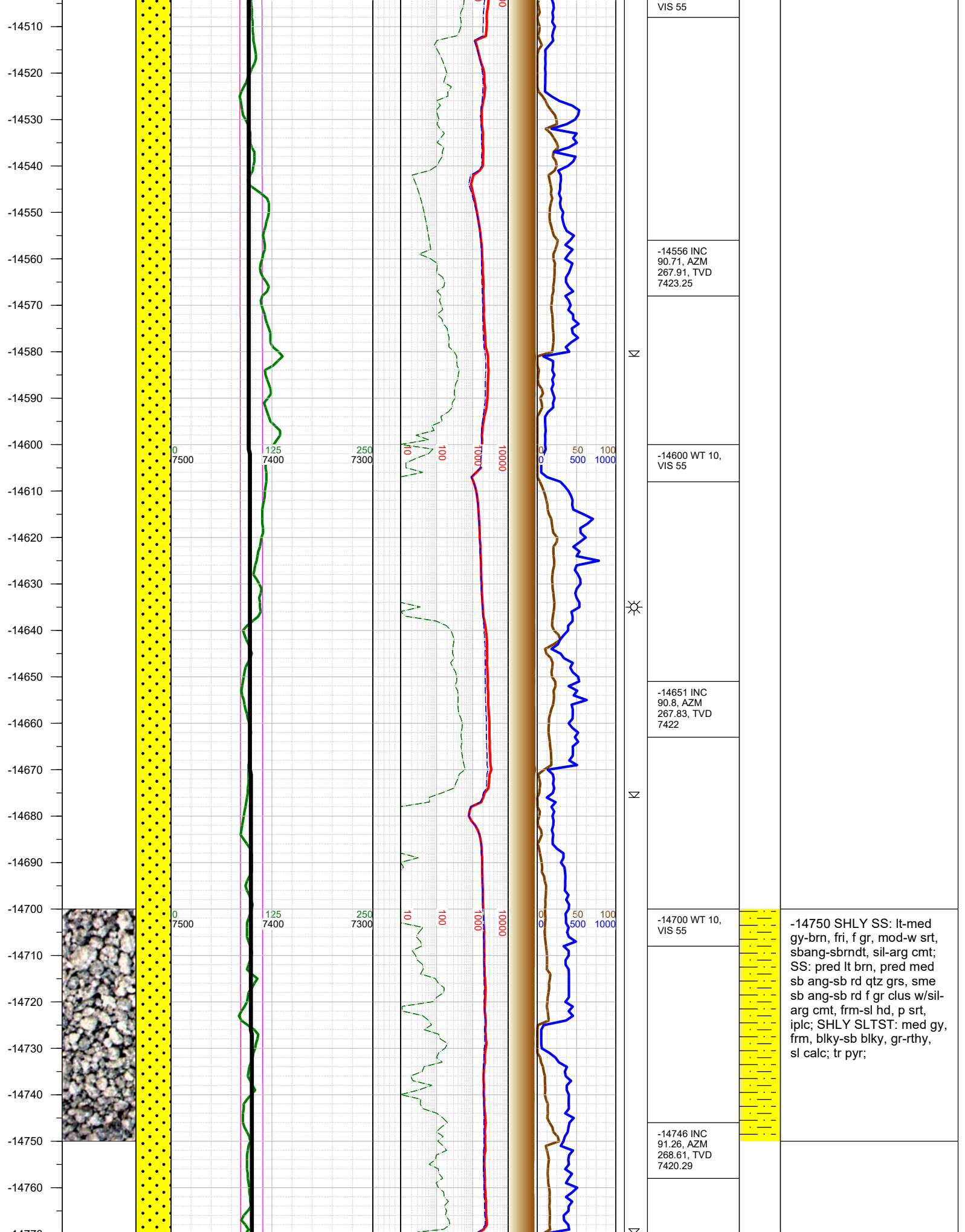


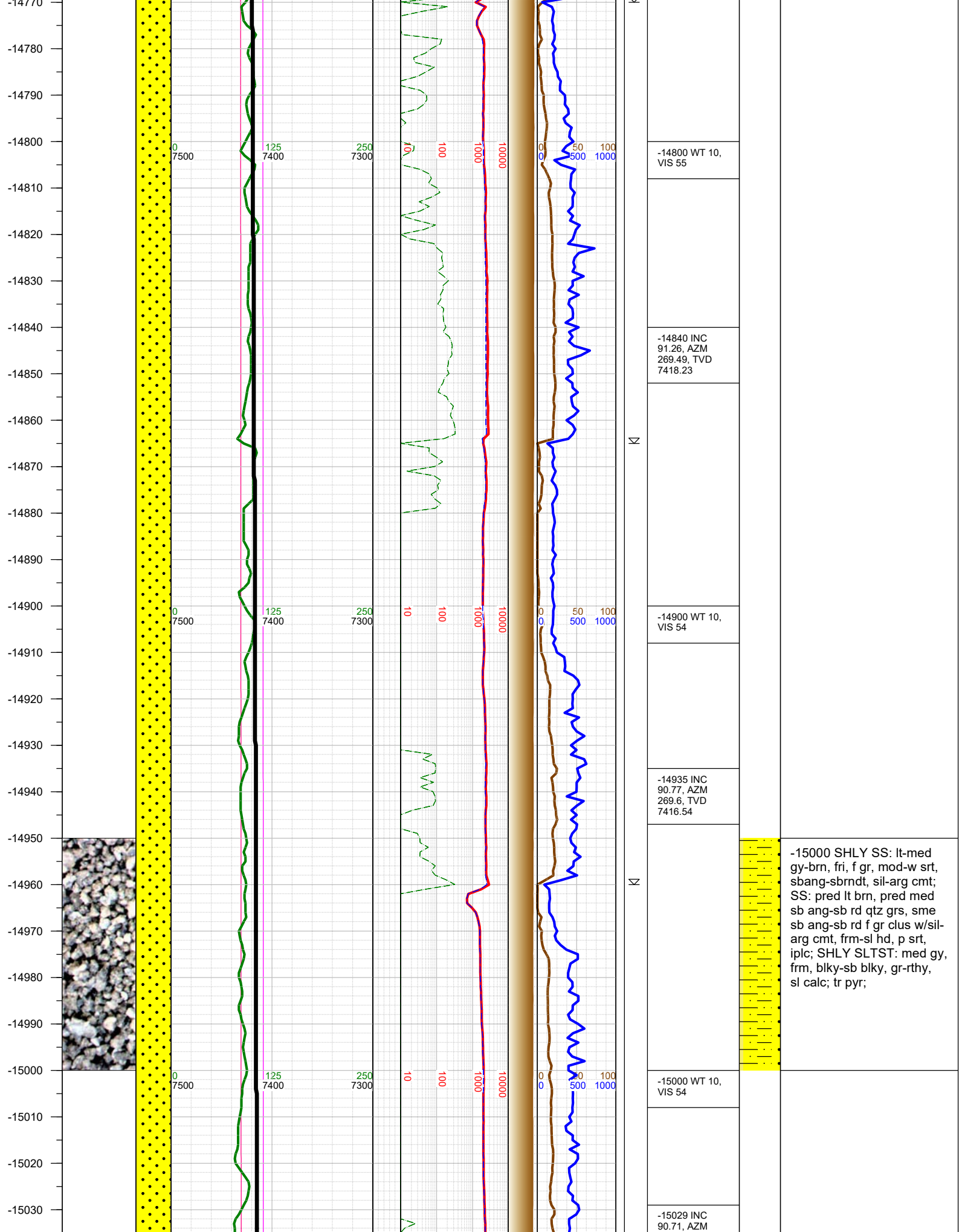


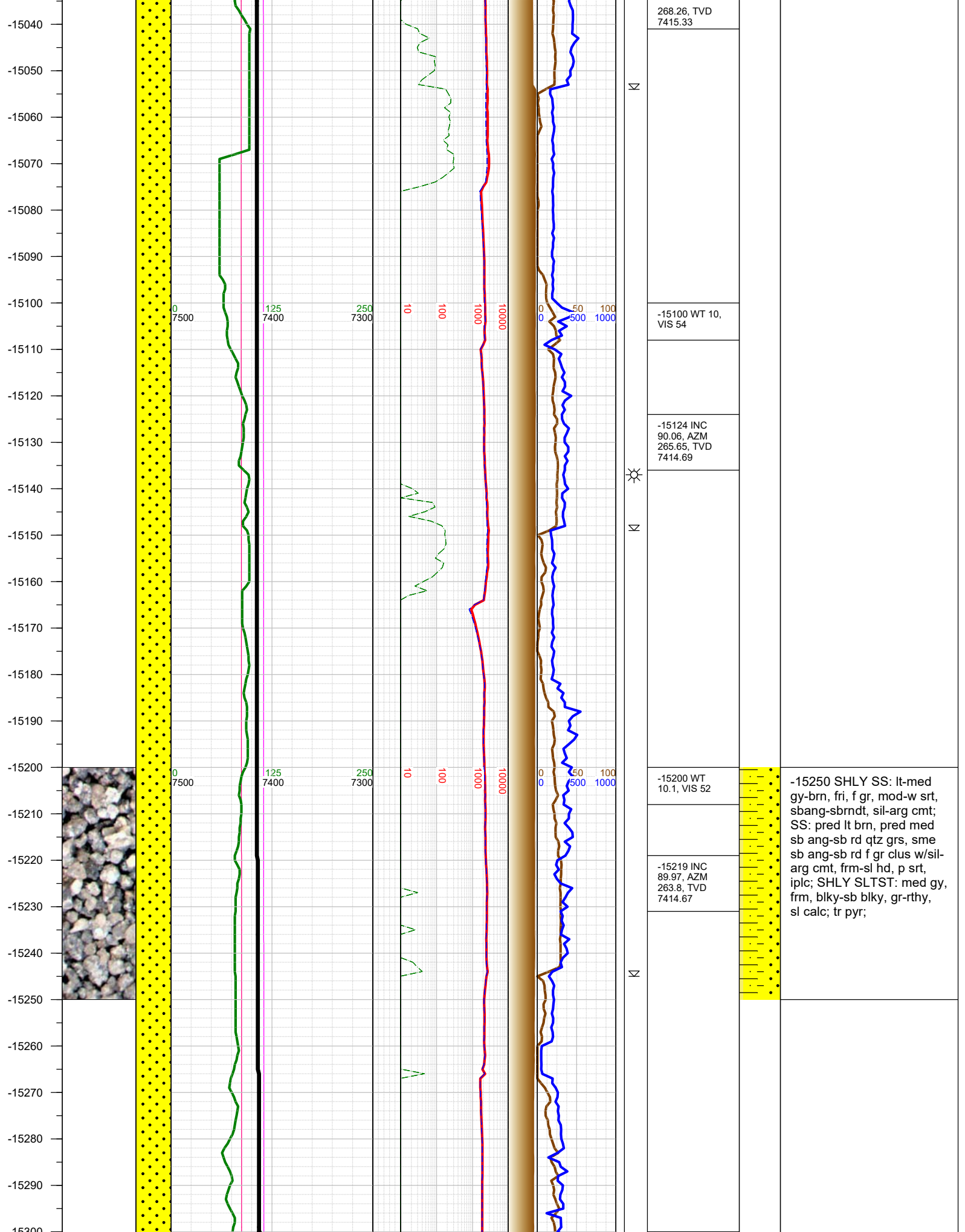


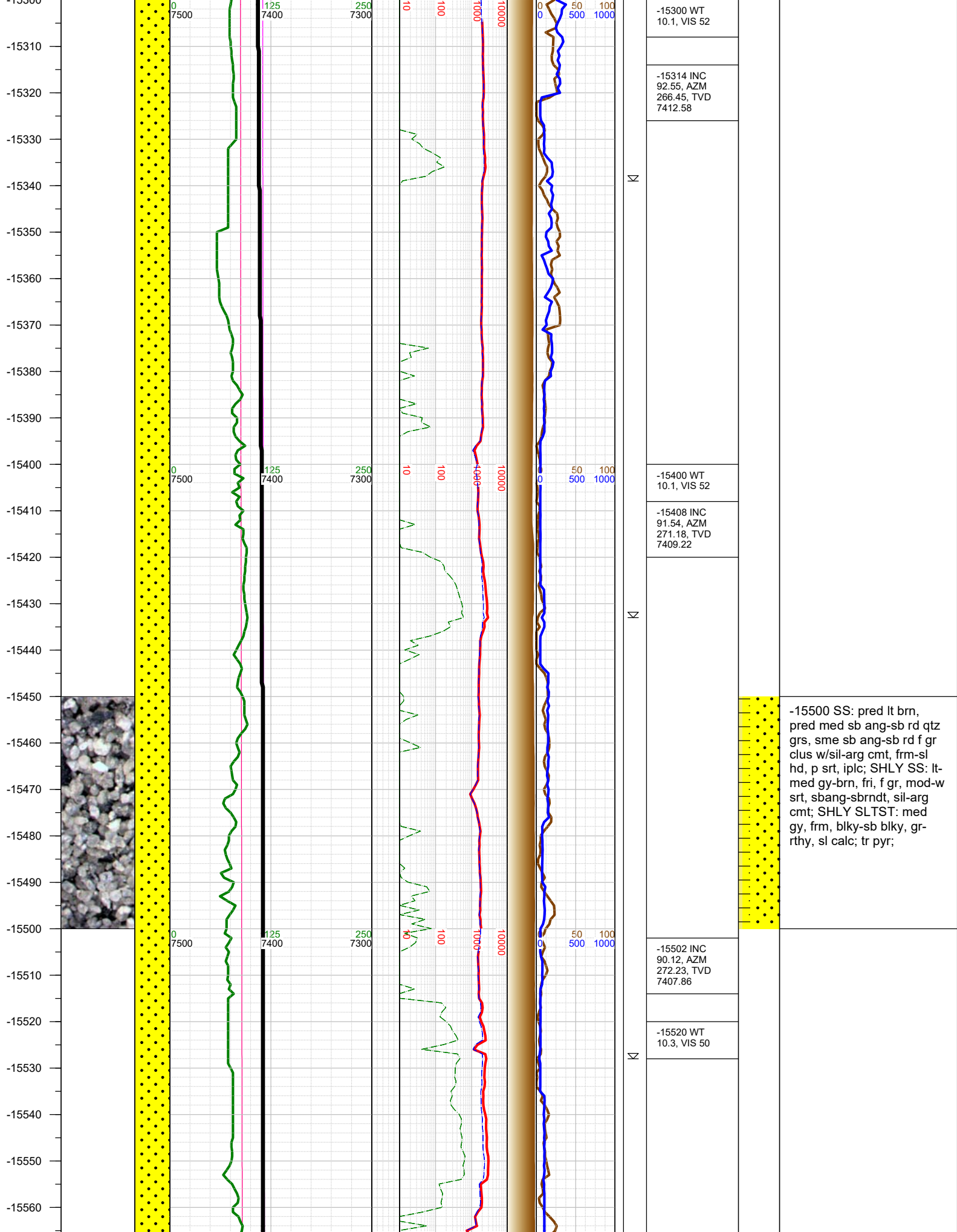


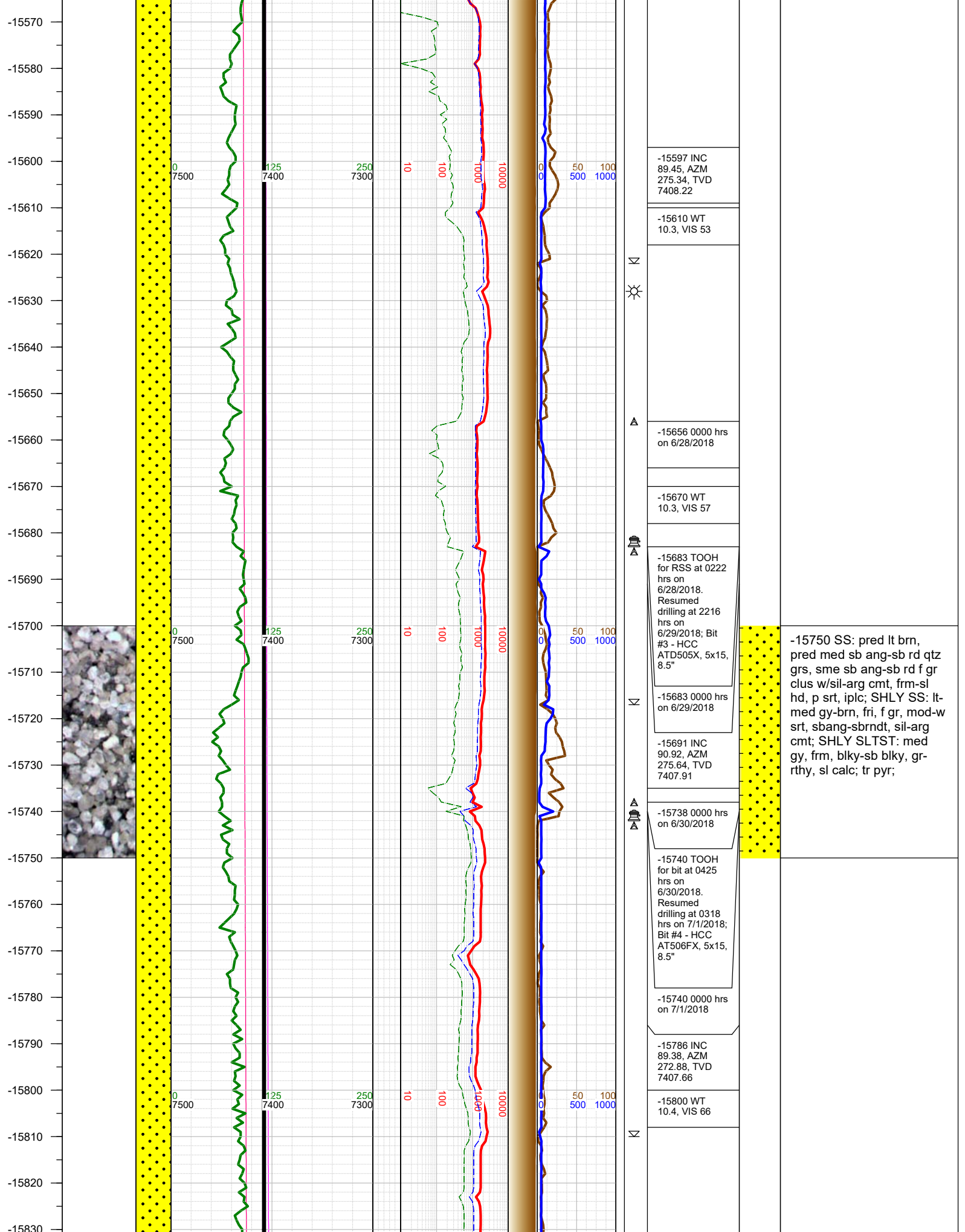


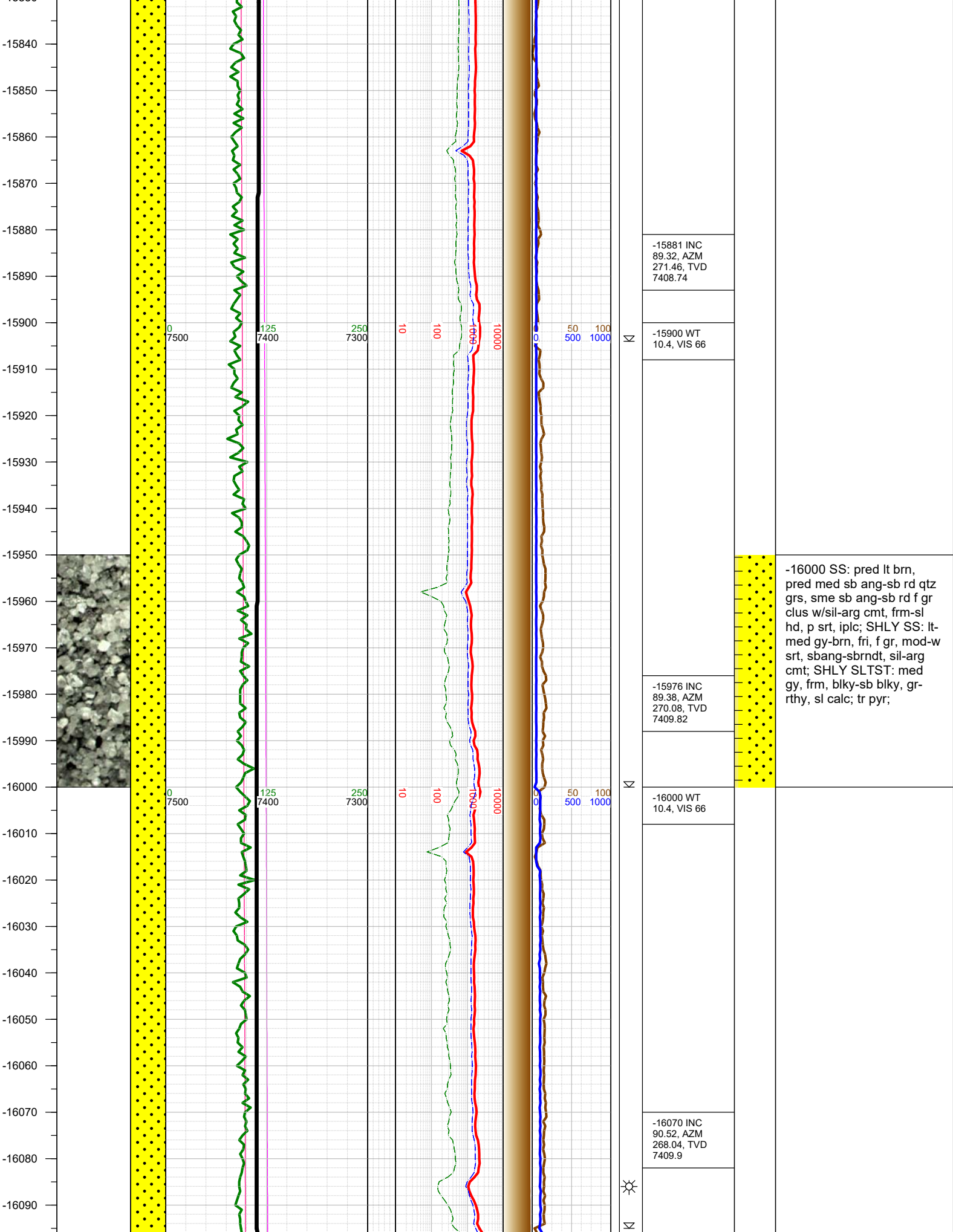


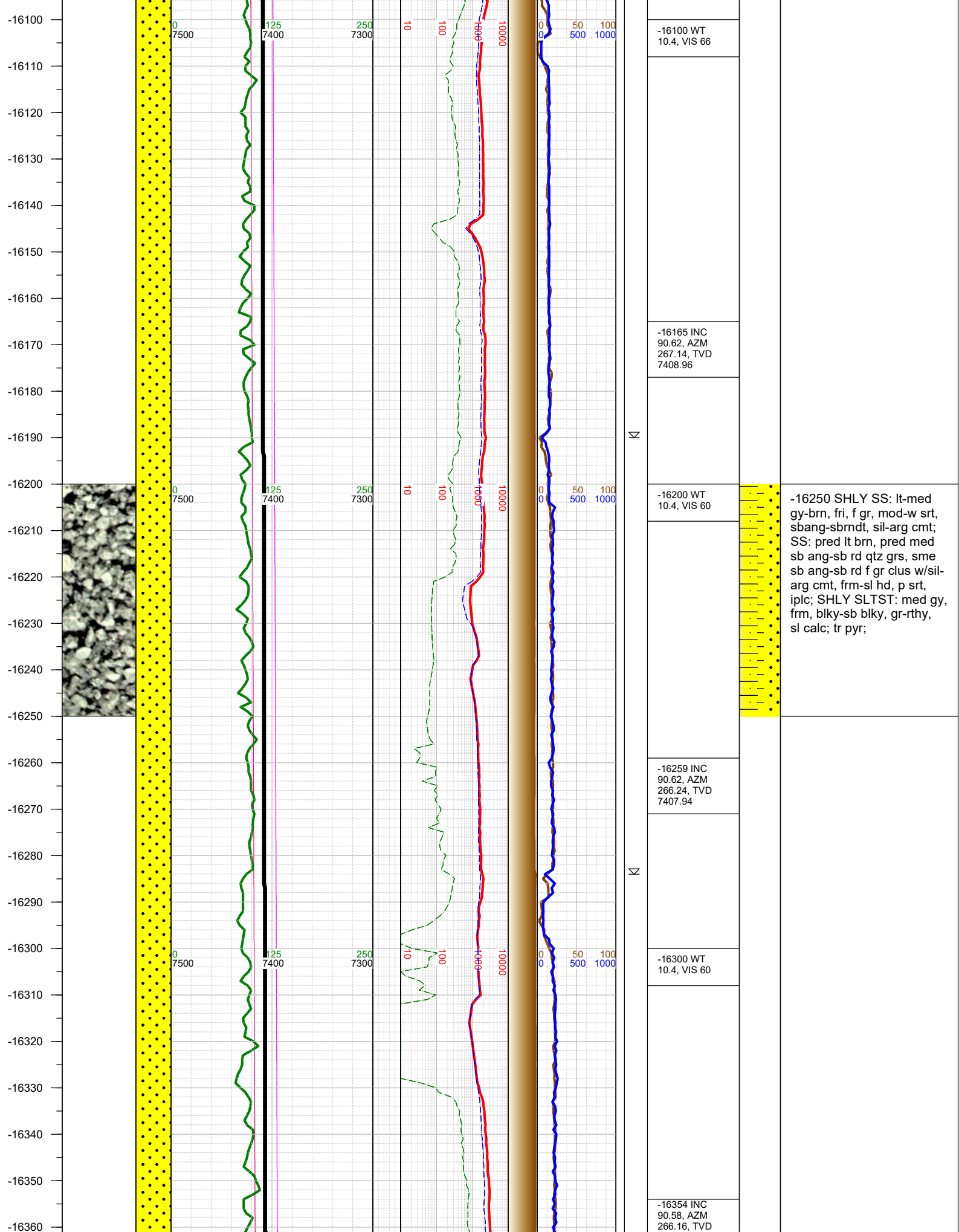


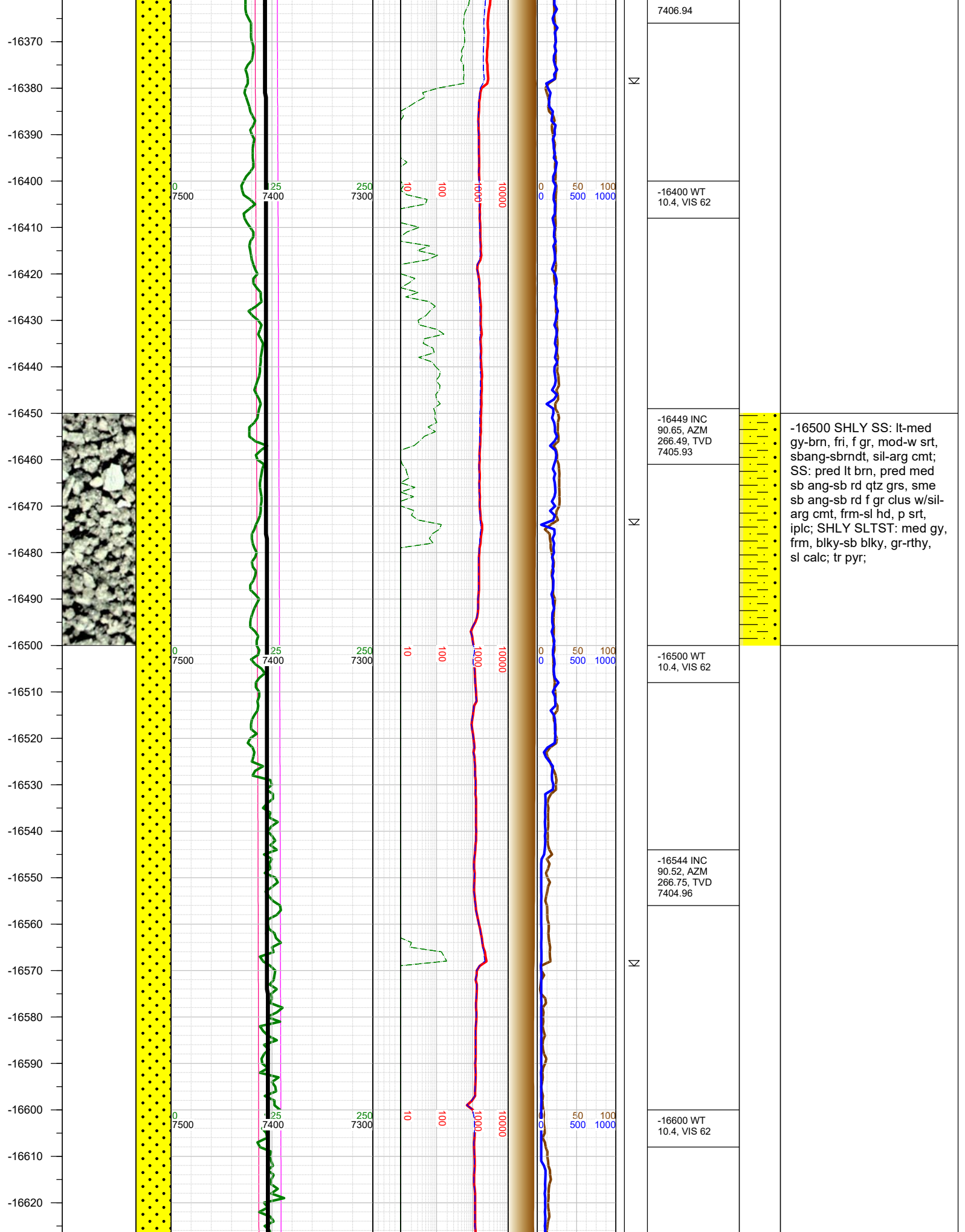


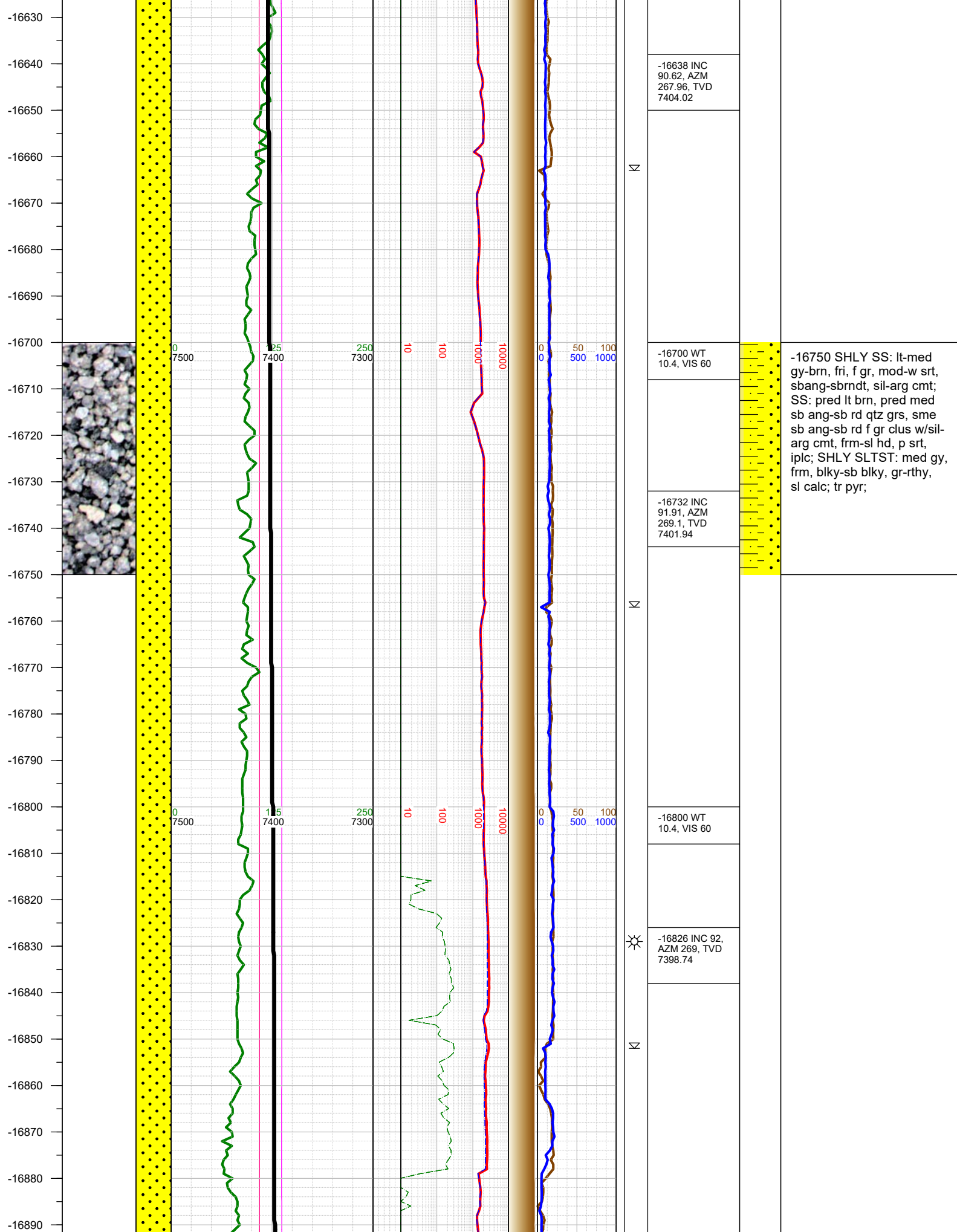


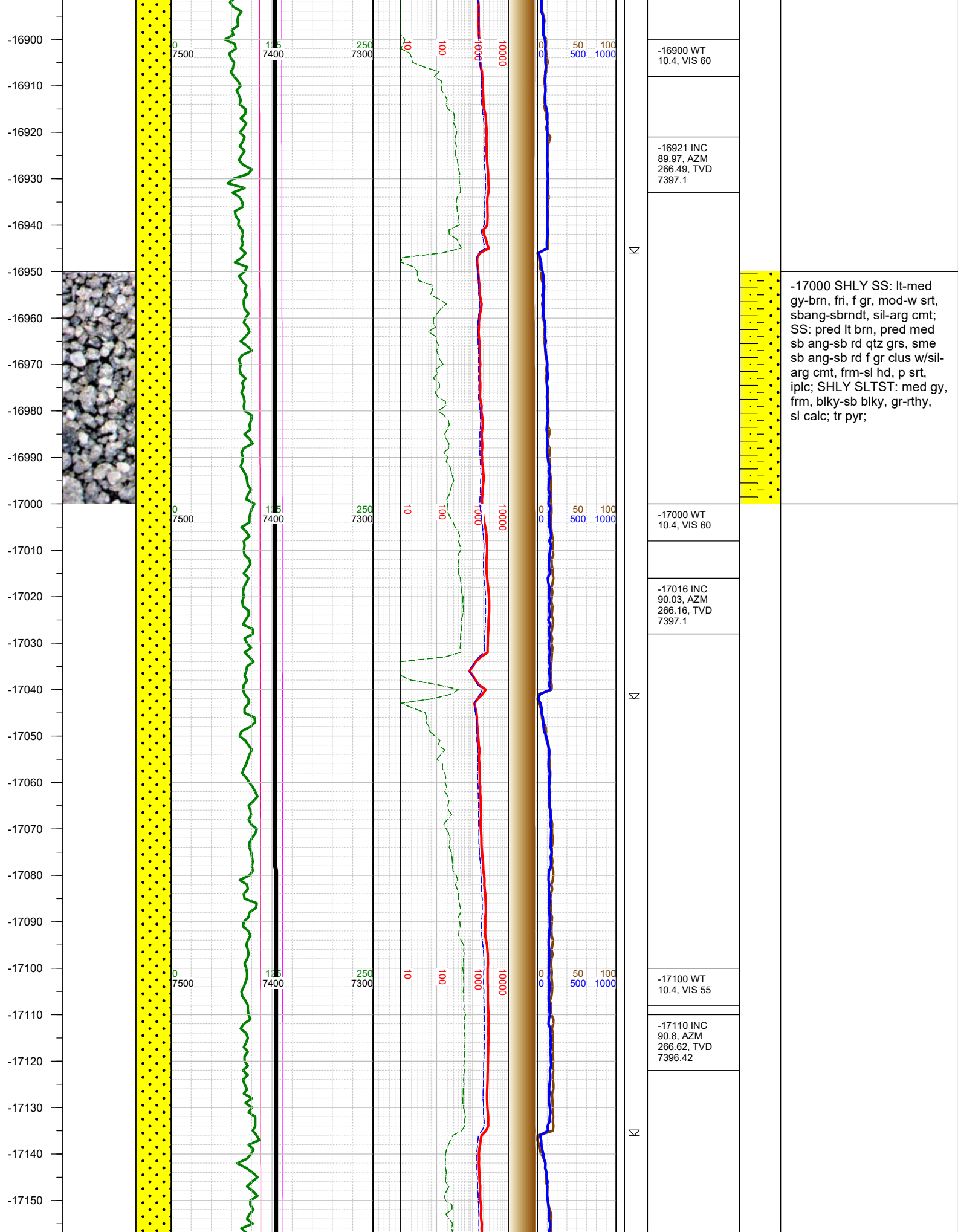




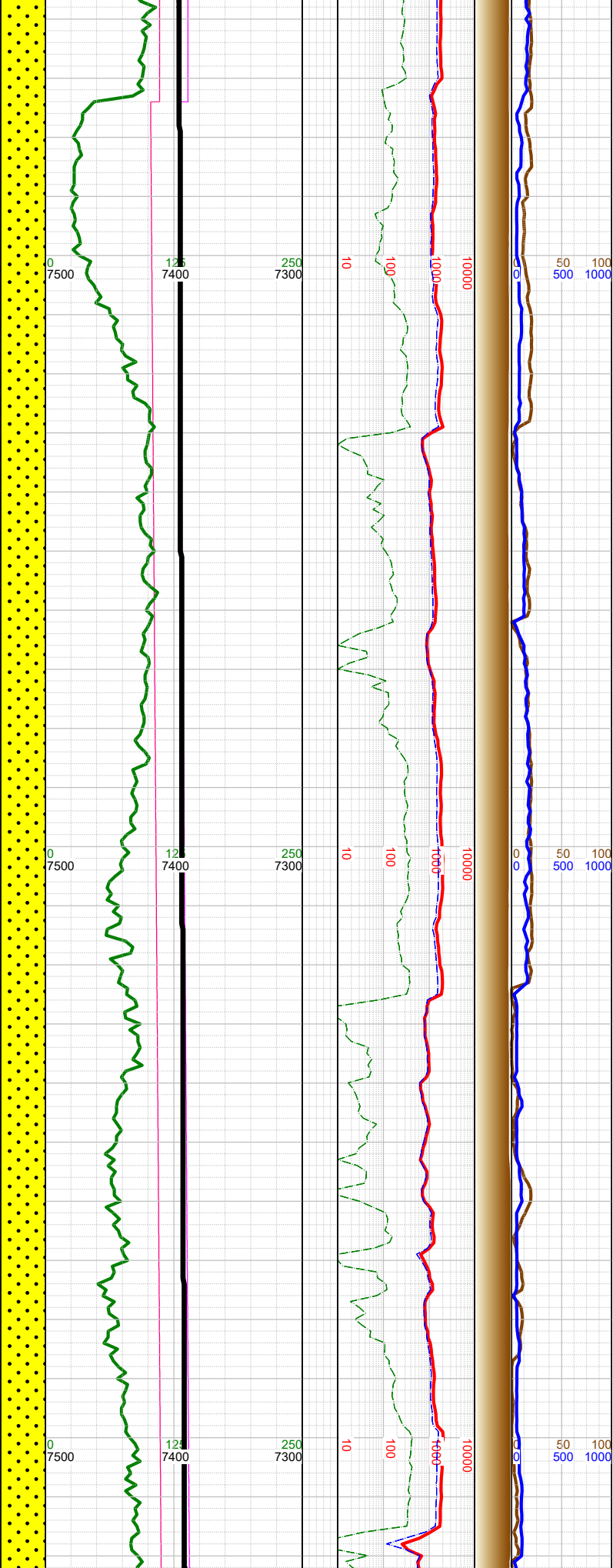




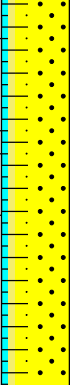




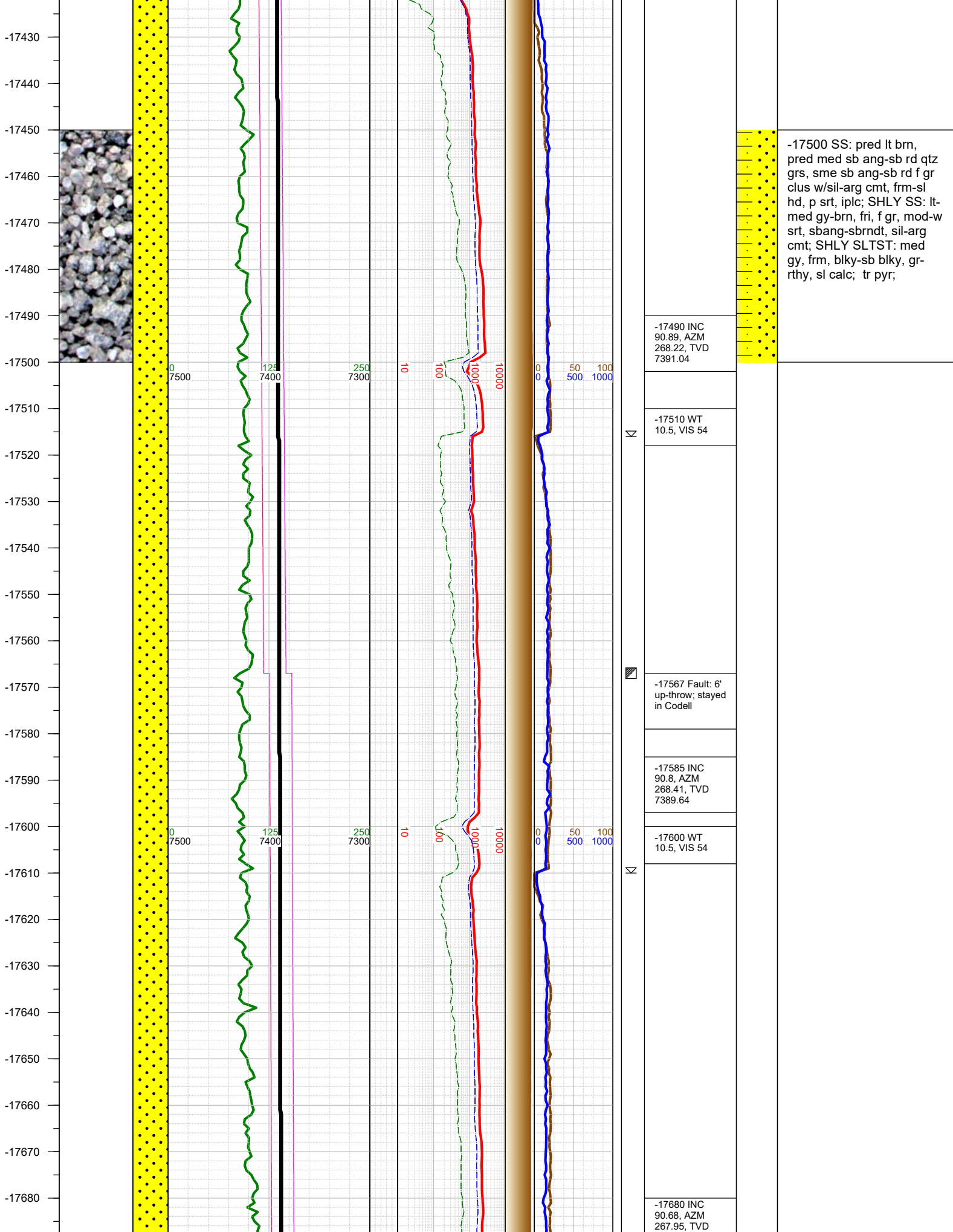
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-17420



▣	-17174 Fault: 7' down-throw; stayed in Codell
▣	-17205 INC 90.49, AZM 266.13, TVD 7395.35
	-17220 WT 10.4, VIS 55
▣	-17263 0000 hrs on 7/2/2018
▣	-17301 INC 91.29, AZM 266.45, TVD 7393.86
	-17320 WT 10.5, VIS 56
▣	-17396 INC 90.62, AZM 269.65, TVD 7392.28
	-17410 WT 10.5, VIS 53



-17250 SS: pred lt brn, pred med sb ang-sb rd qtz grs, sme sb ang-sb rd f gr clus w/sil-arg cmt, frm-sl hd, p srt, iplc; SHLY SS: lt-med gy-brn, fri, f gr, mod-w srt, sbang-sbrndt, sil-arg cmt; SHLY SLTST: med gy, frm, blkly-sb blkly, gr-rthy, sl calc; LS: lt crm, lt gy, sbblkly-sbply, sl wxy, vcalc; tr pyr;



-17490 INC
90.89, AZM
268.22, TVD
7391.04

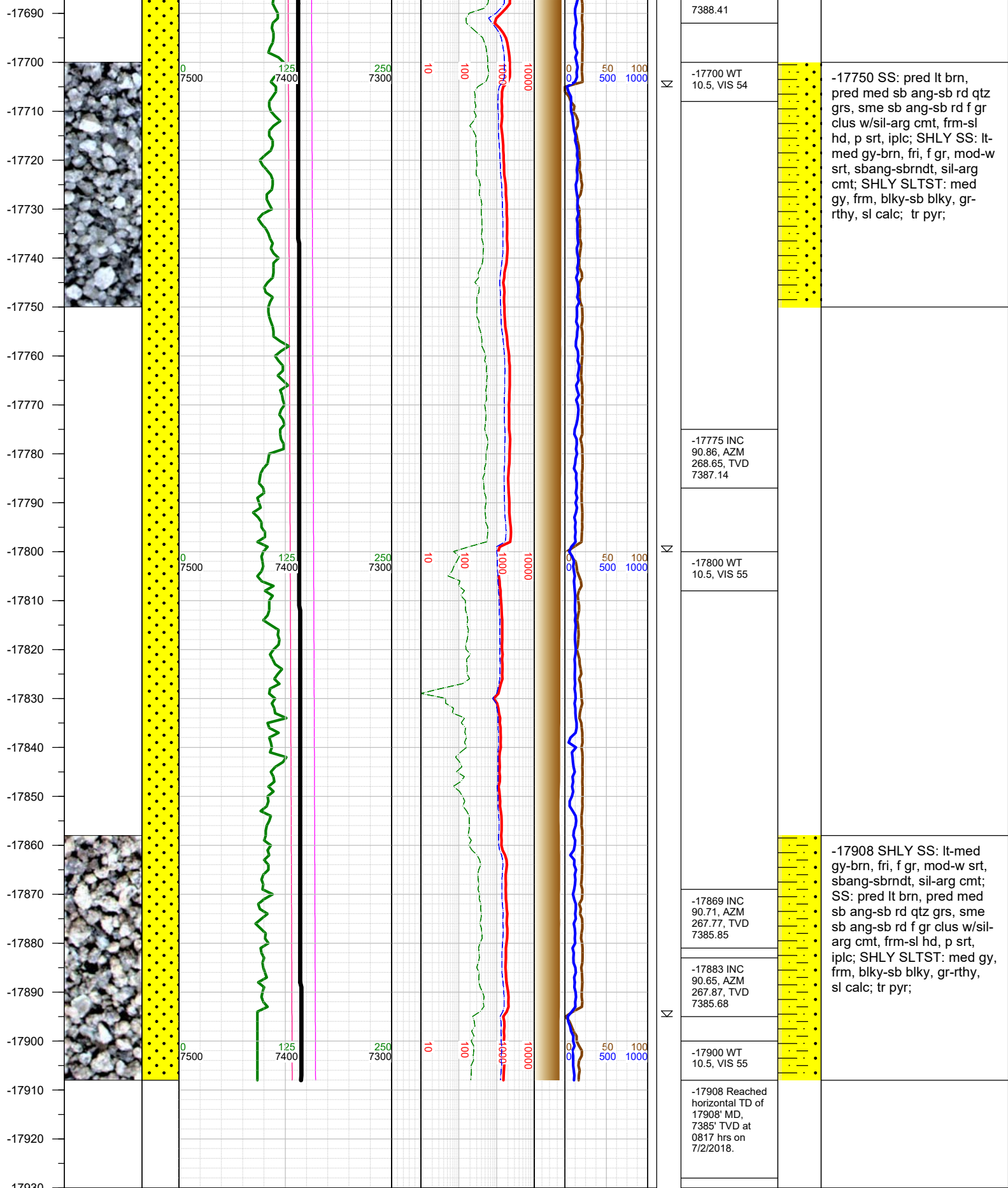
-17510 WT
10.5, VIS 54

-17567 Fault: 6'
up-throw; stayed
in Codell

-17585 INC
90.8, AZM
268.41, TVD
7389.64

-17600 WT
10.5, VIS 54

-17680 INC
90.68, AZM
267.95, TVD



TOTAL DEPTH = 17908'

Thank you for using Earth Science Agency