

OPERATOR: **Bayswater E&P, LLC**
WELL NAME: **G&D Hanks W-27-28HC**
FIELD NAME: DJ Basin - Wattenberg
DRILLING RIG: True 38
API #: 05-123-46276

LAT/LONG: 40.541883, -104.759854
SURFACE HOLE: SWSE S27-T7N-R66W, 1153' FSL, 1575' FEL
BOTTOM HOLE: S28-T7N-R66W, 325' FSL, 5' FWL

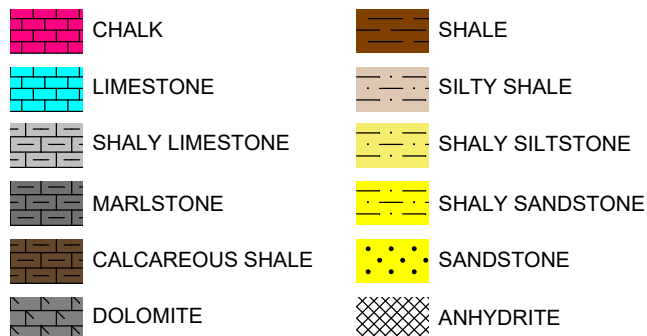


Earth Science Agency, LLC

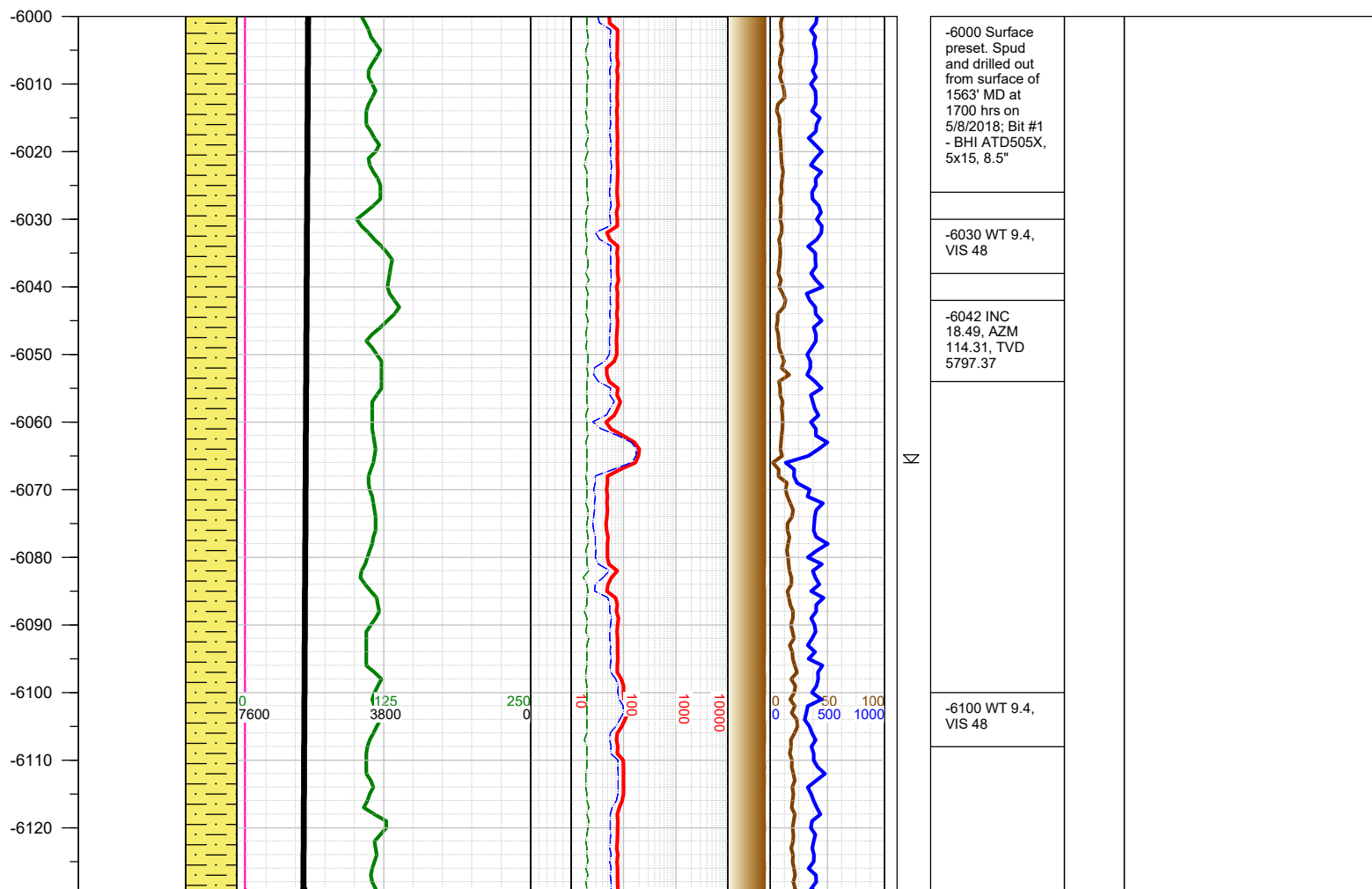
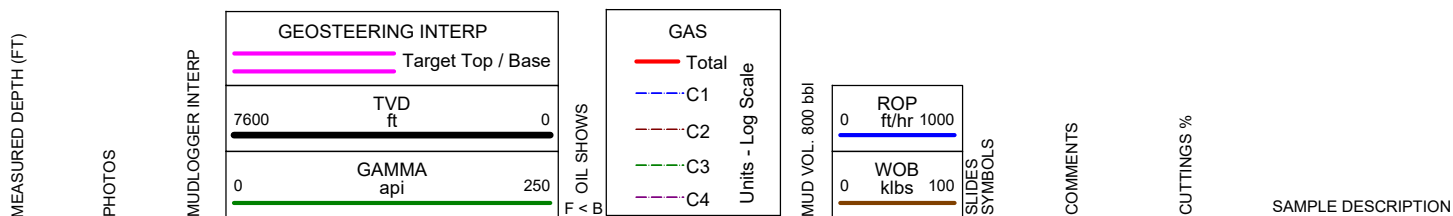
COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 4876'
KELLY BUSHING: 4901'
DRILLING FLUID: OBM
TVD VS. MD: 7384' / 18074'
SPUD DATE: May 8, 2018
TD DATE: May 13, 2018

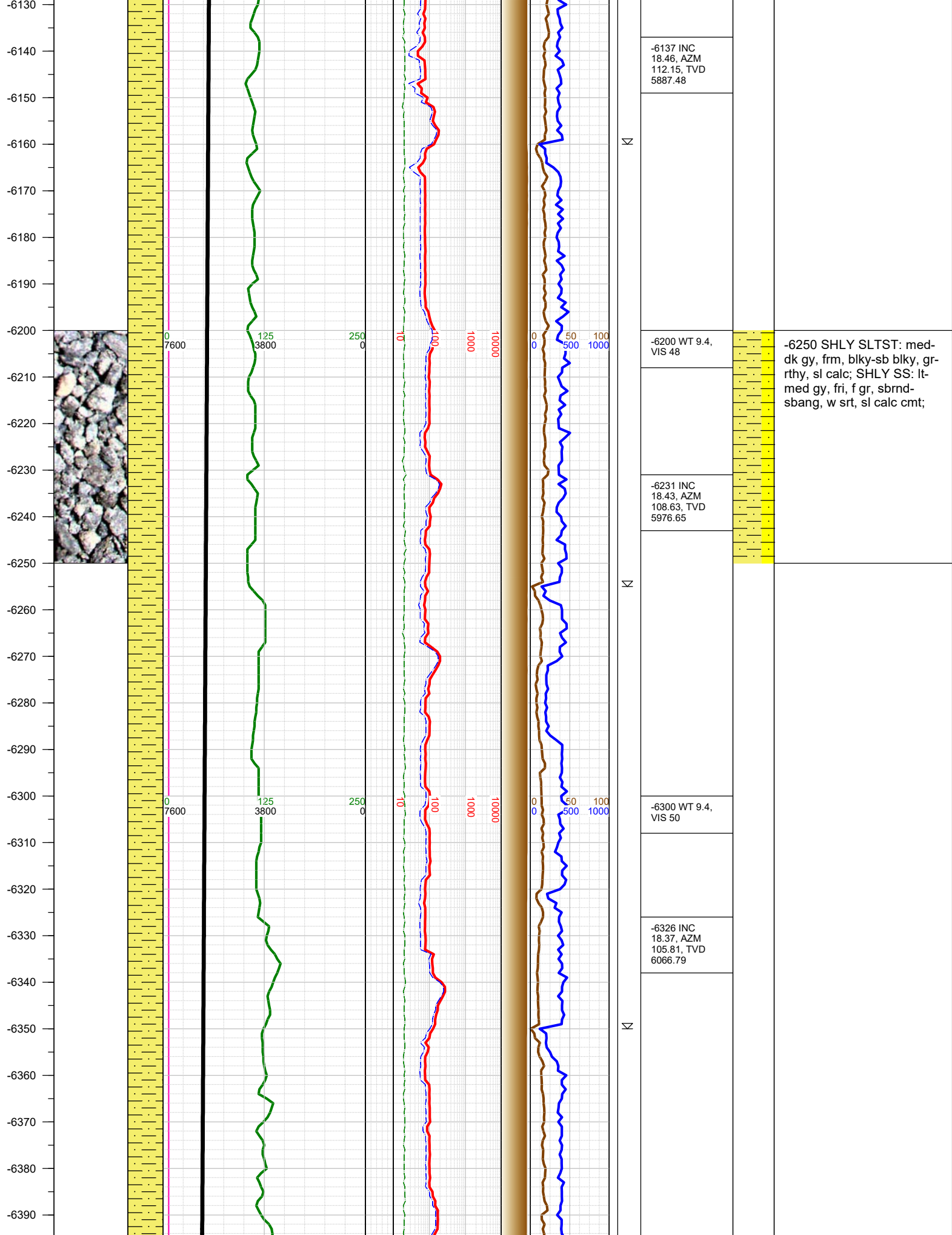
DEPTHS LOGGED: 6000' - 18074'
DATES LOGGED: May 9, 2018 - May 13, 2018
GEOLOGISTS: Curtis Magnino, Kyle Newman
SCALE: 5" = 100'

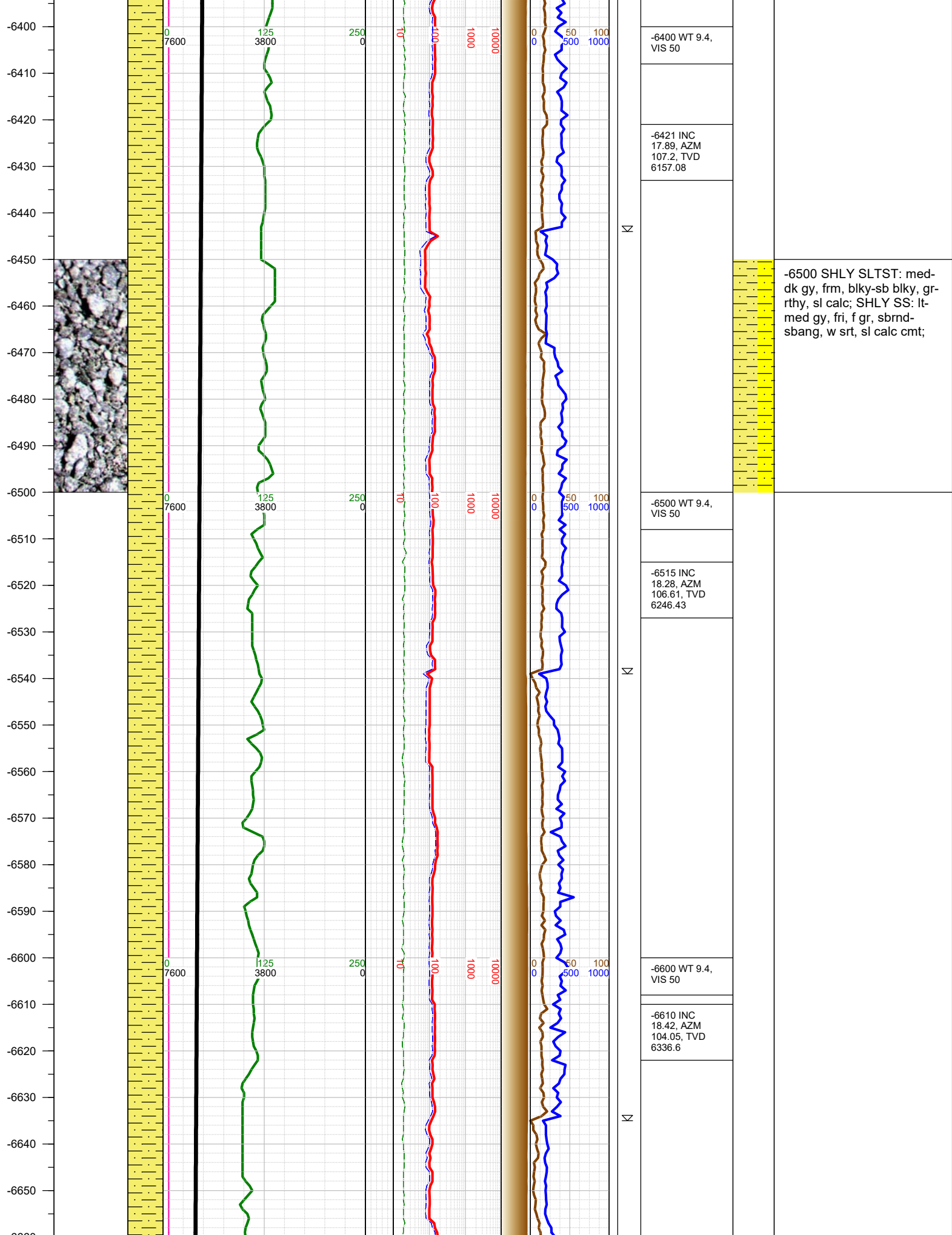
LEGEND

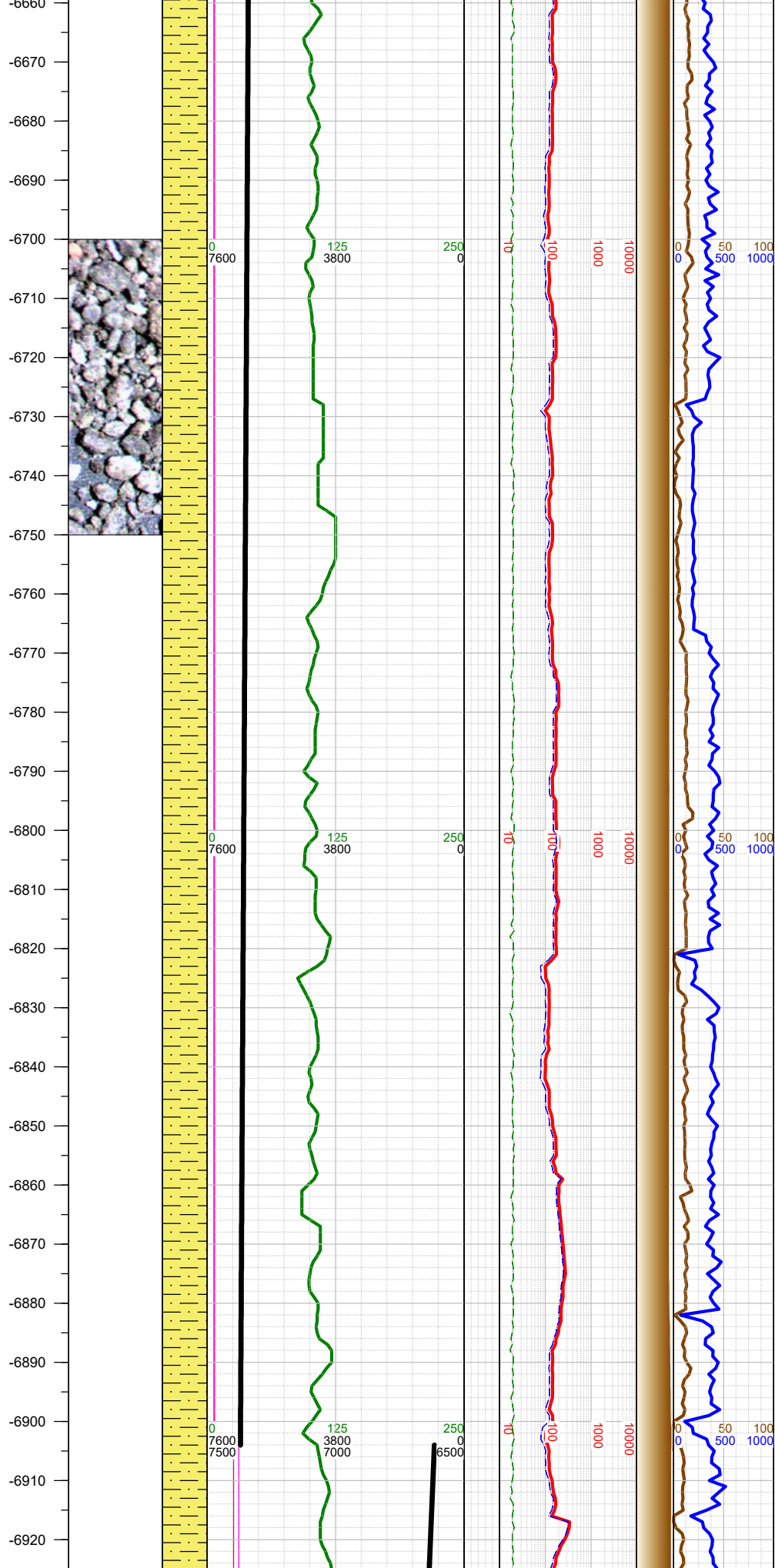


FORMATION \approx CONNECTION Δ MIDNIGHT NEW BIT GAS SHOW FAULT

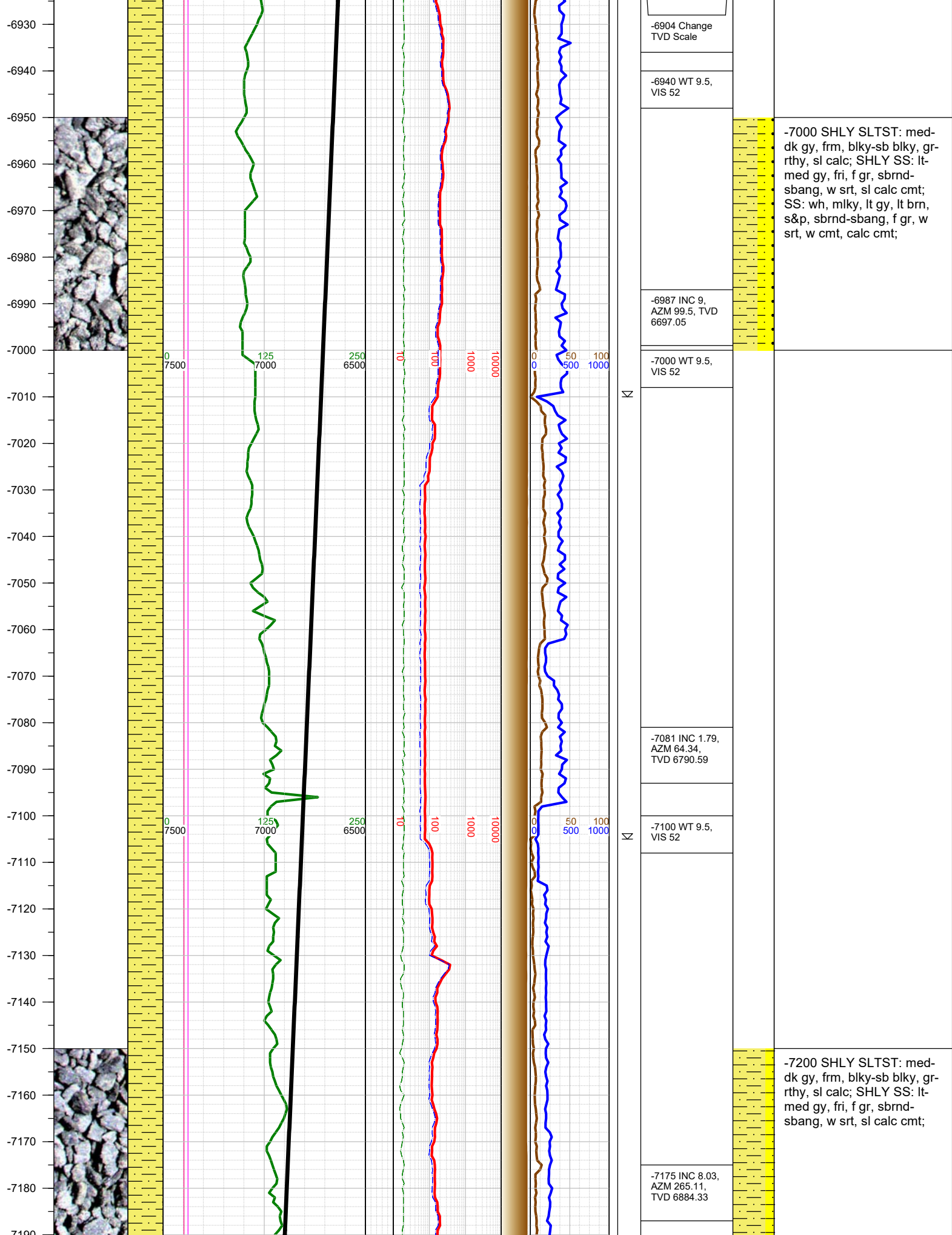


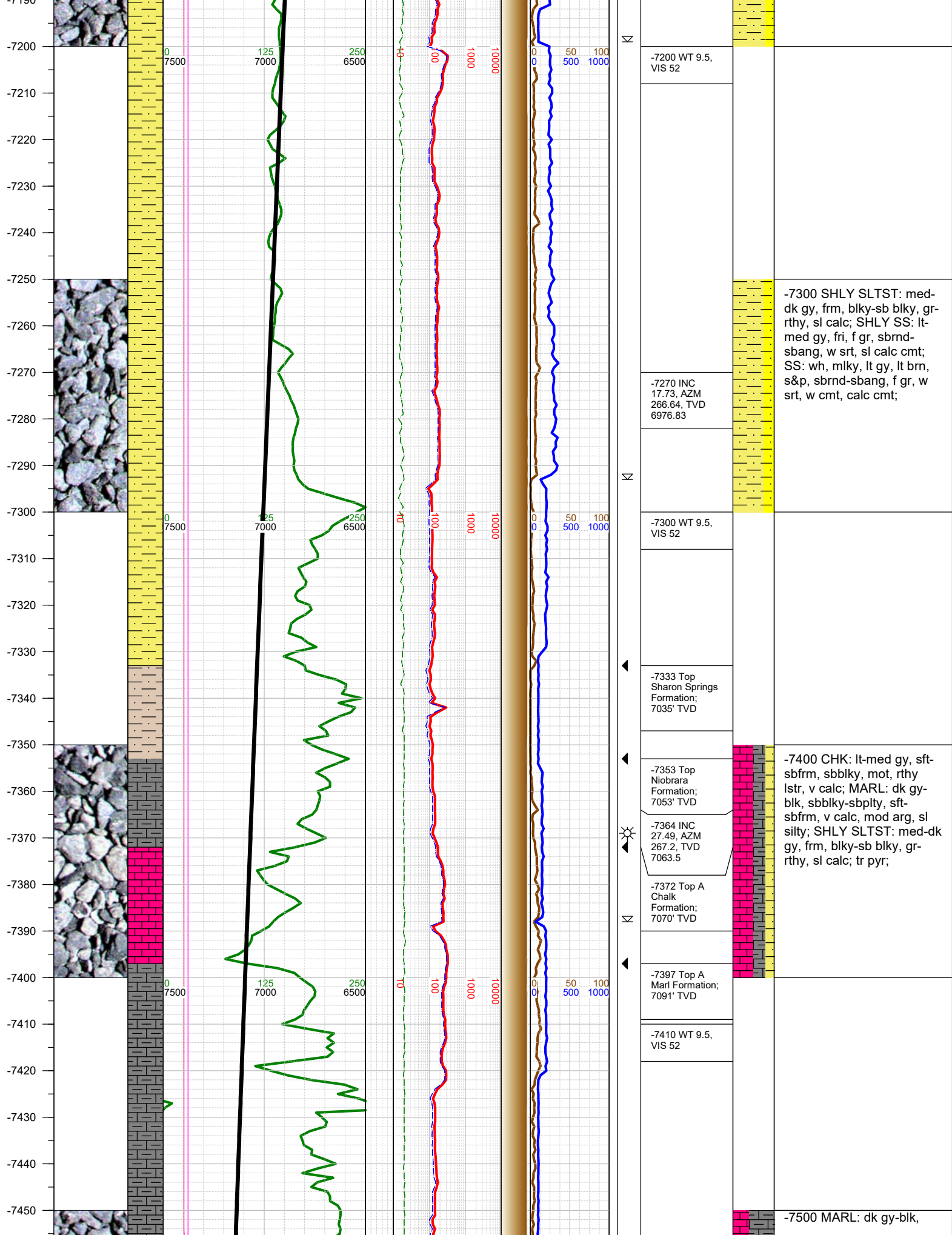


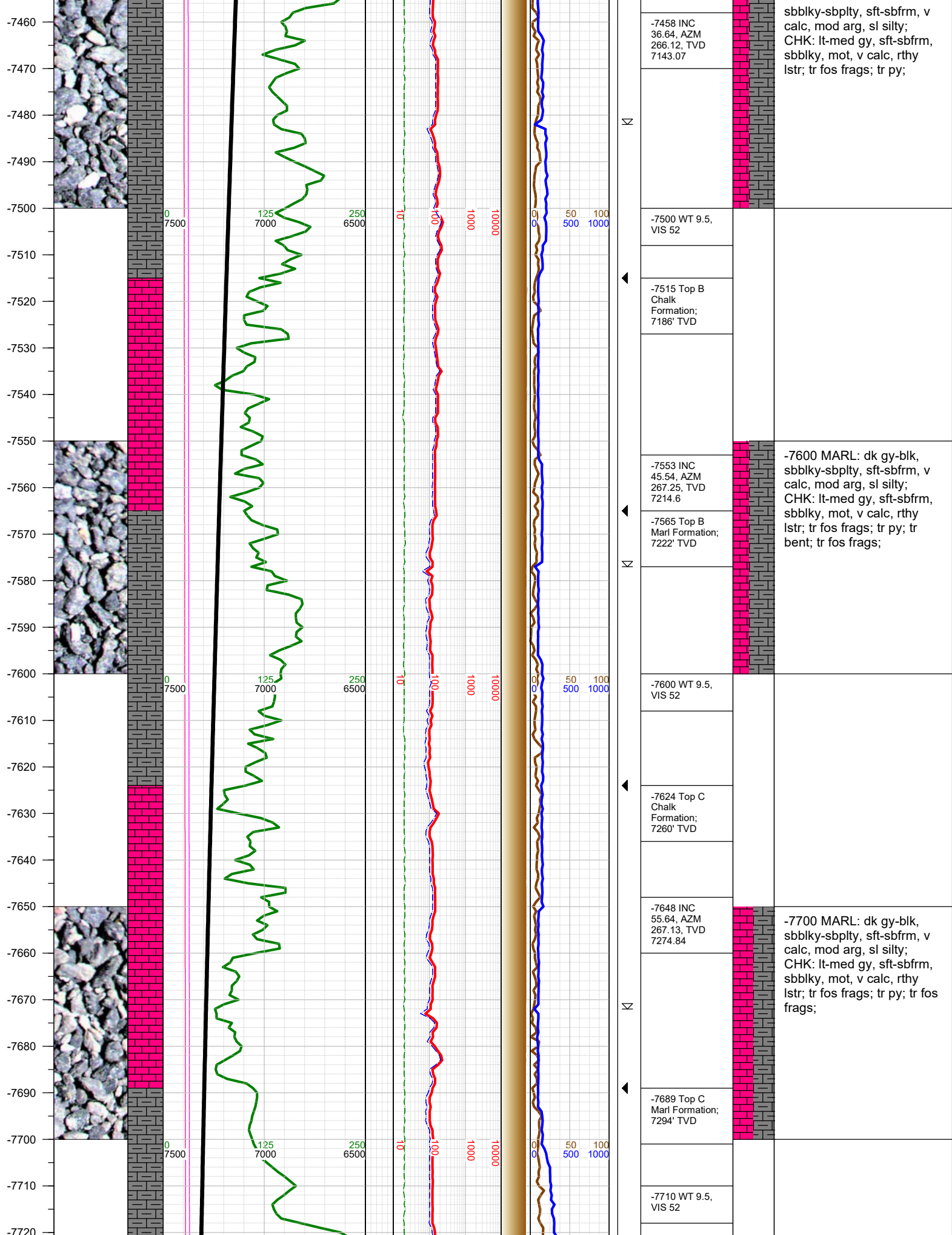


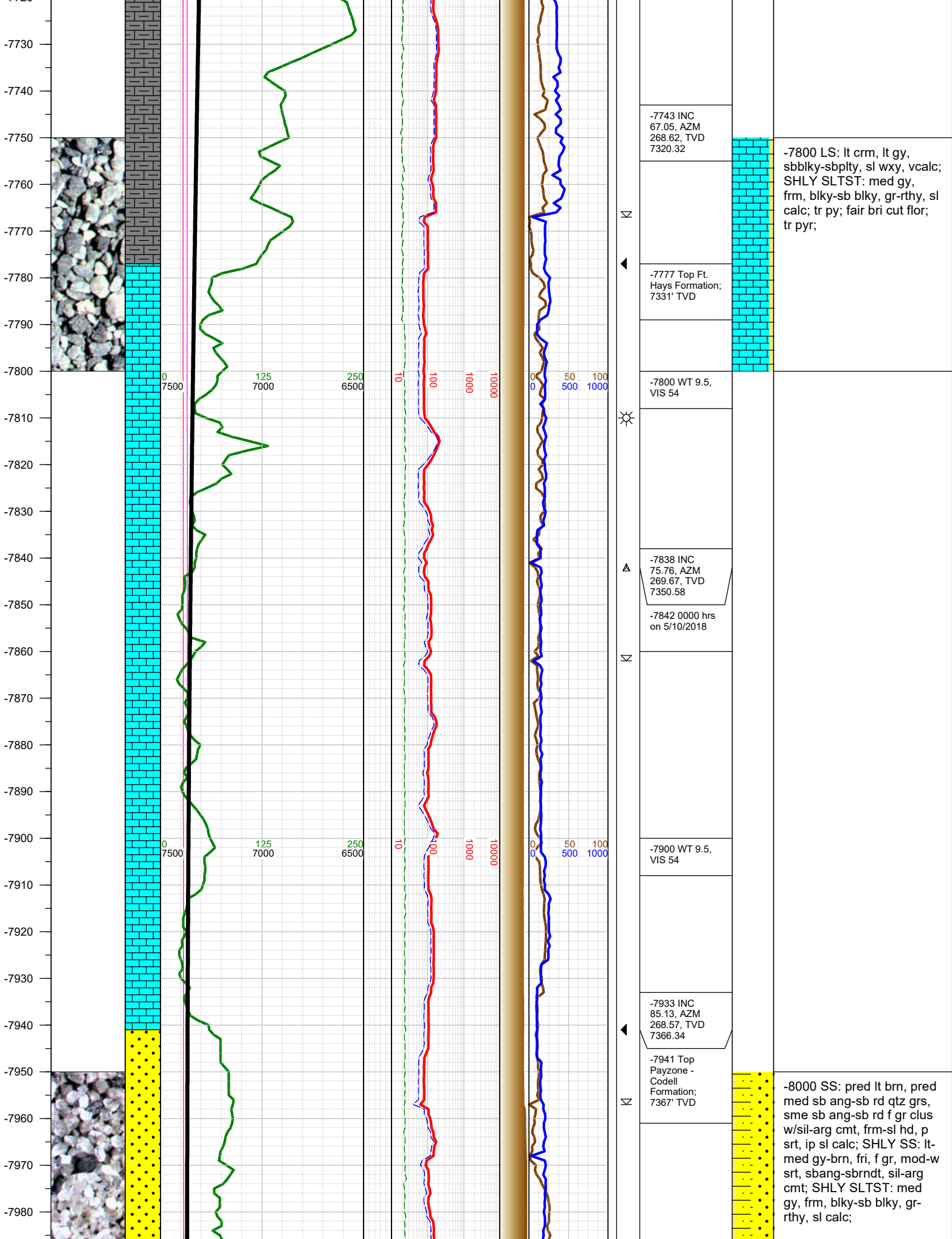


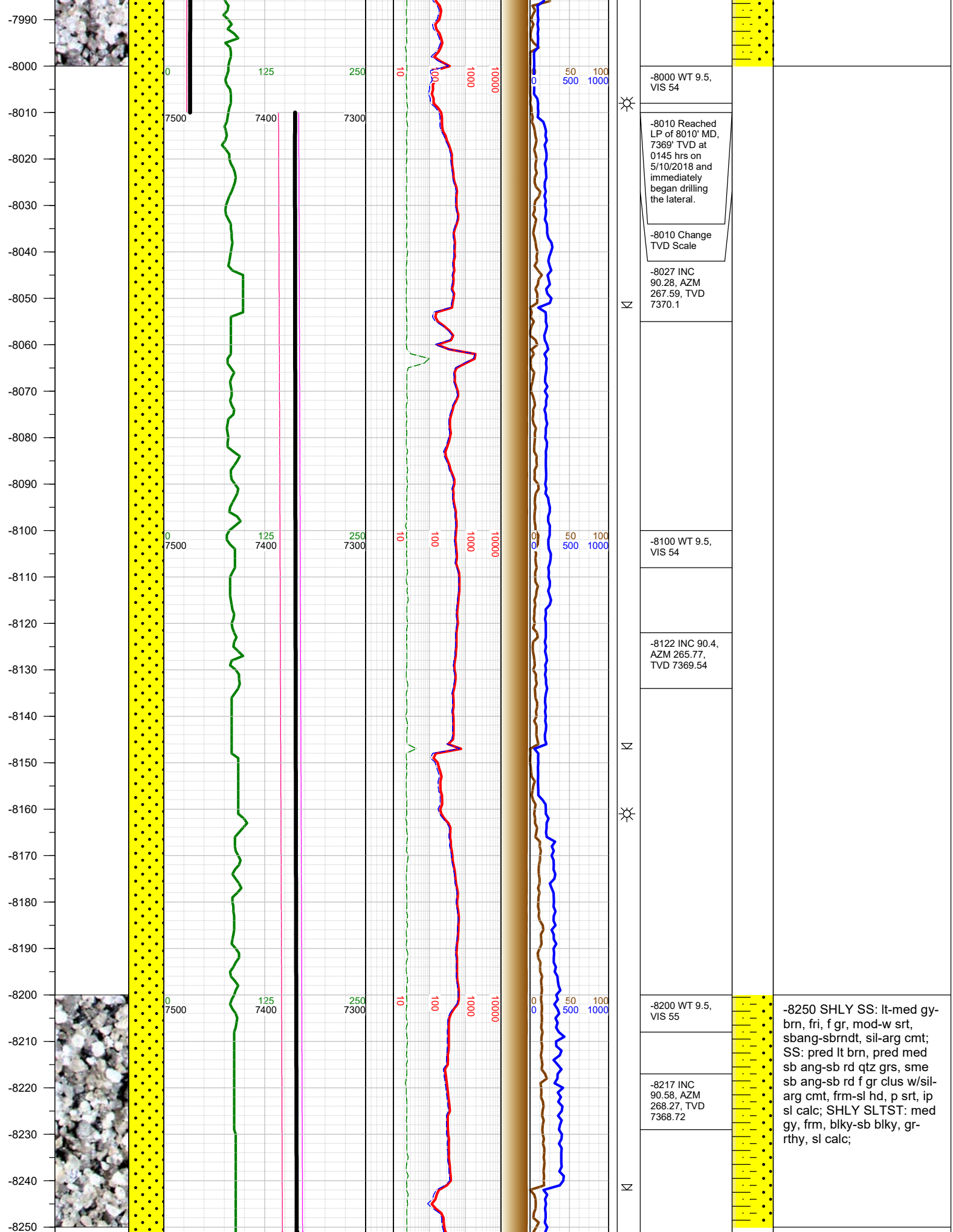
N					
		-6703 INC 18.36, AZM 101.09, TVD 6424.86			-6750 SHLY SLTST: med- dk gy, frm, blk-y-sb blk-y, gr- rthy, sl calc; SHLY SS: lt- med gy, fri, f gr, sbrnd- sbang, w srt, sl calc cmt; SS: wh, mlky, lt gy, lt brn, s&p, sbrnd-sbang, f gr, w srt, w cmt, calc cmt;
		-6720 WT 9.4, VIS 50			
N					
		-6798 INC 18.03, AZM 100.2, TVD 6515.11			
		-6810 WT 9.5, VIS 52			
N					
		-6892 INC 17.42, AZM 103.03, TVD 6604.65			
		-6904 Reached KOP of 6904' MD, 6616' TVD at 2000 hrs on 5/9/2018 and immediately began drilling the curve.			

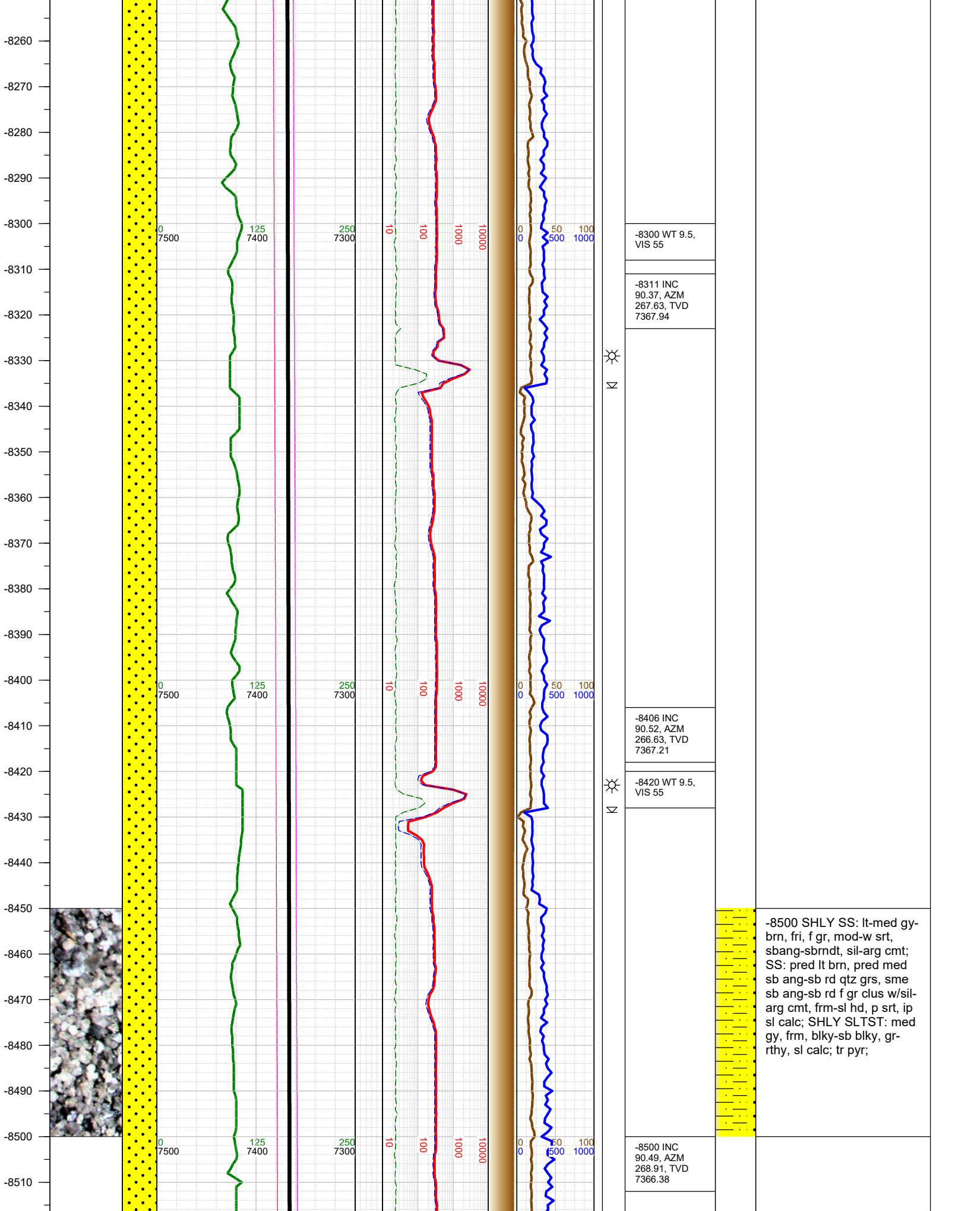




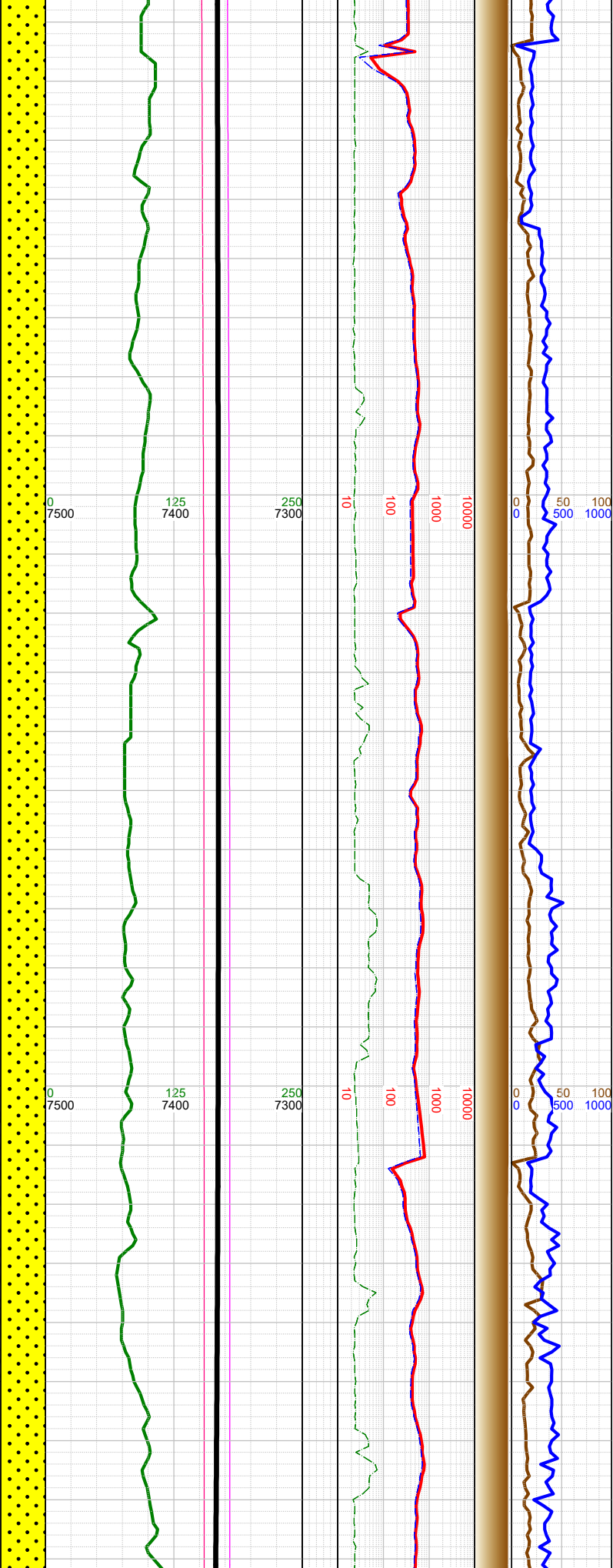








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-8520 WT 9.5,
VIS 55

-8595 INC
90.46, AZM
269.79, TVD
7365.59

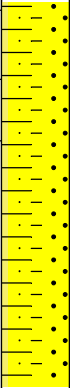


-8610 WT 9.5,
VIS 55

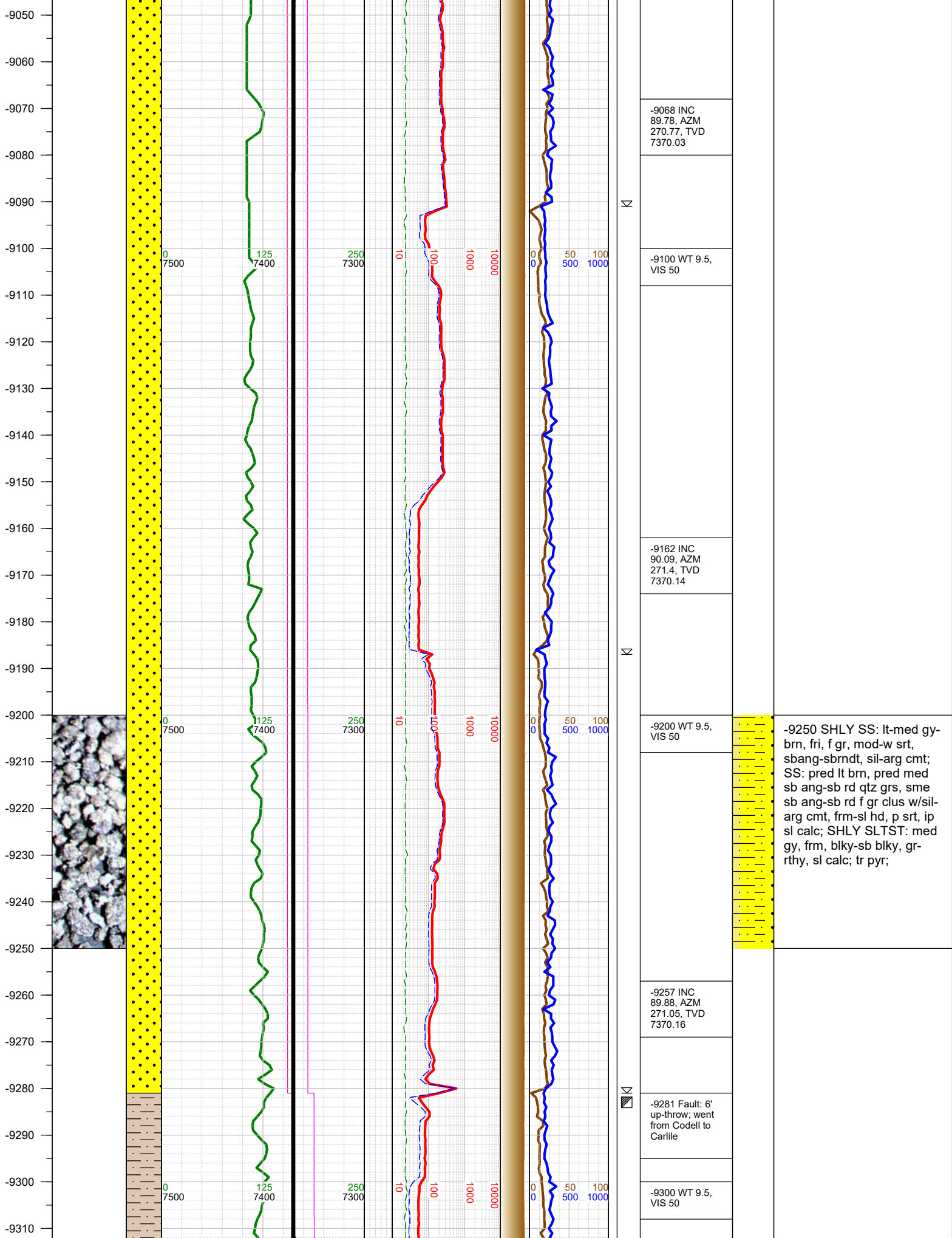
-8689 INC 89.6,
AZM 270.24,
TVD 7365.54

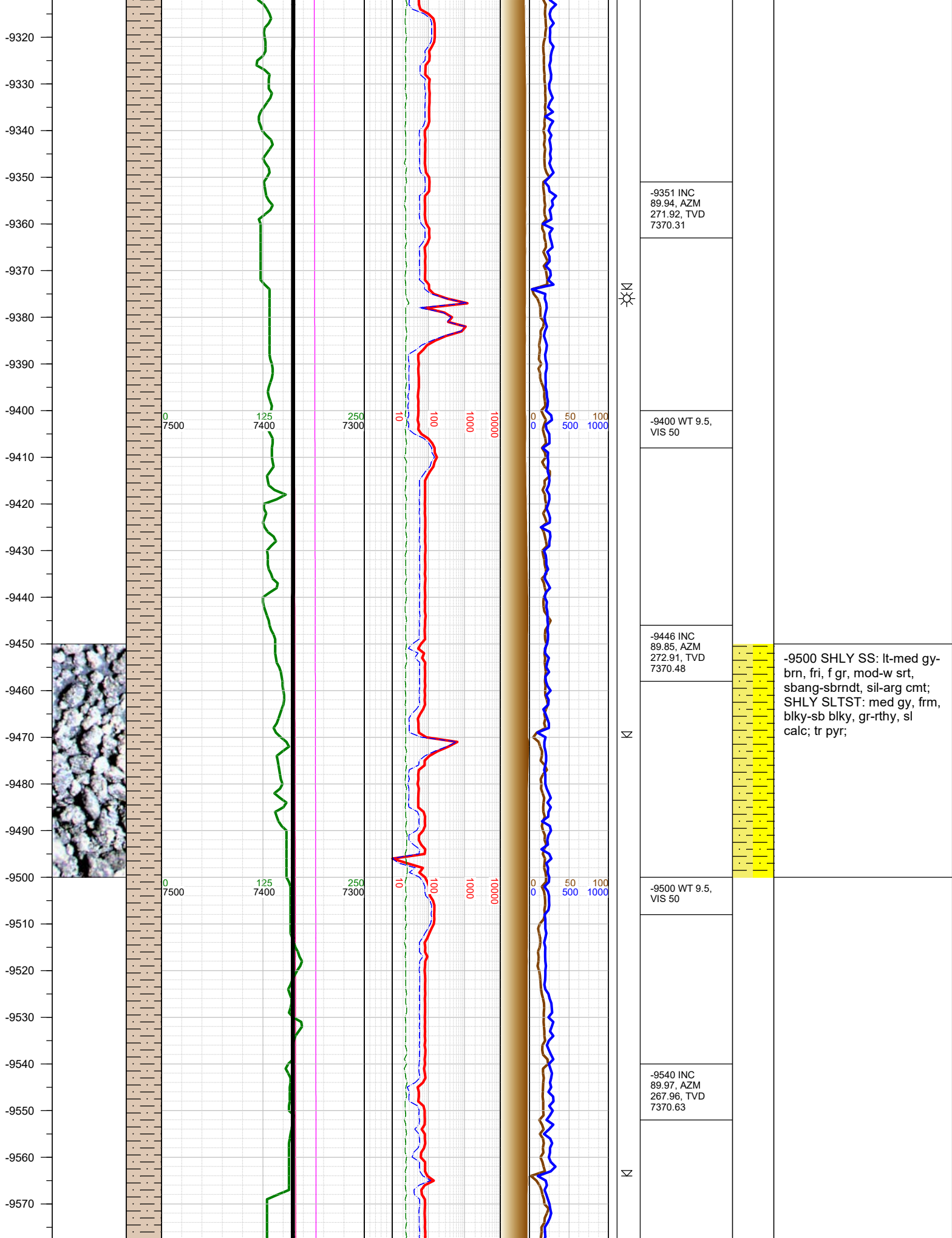


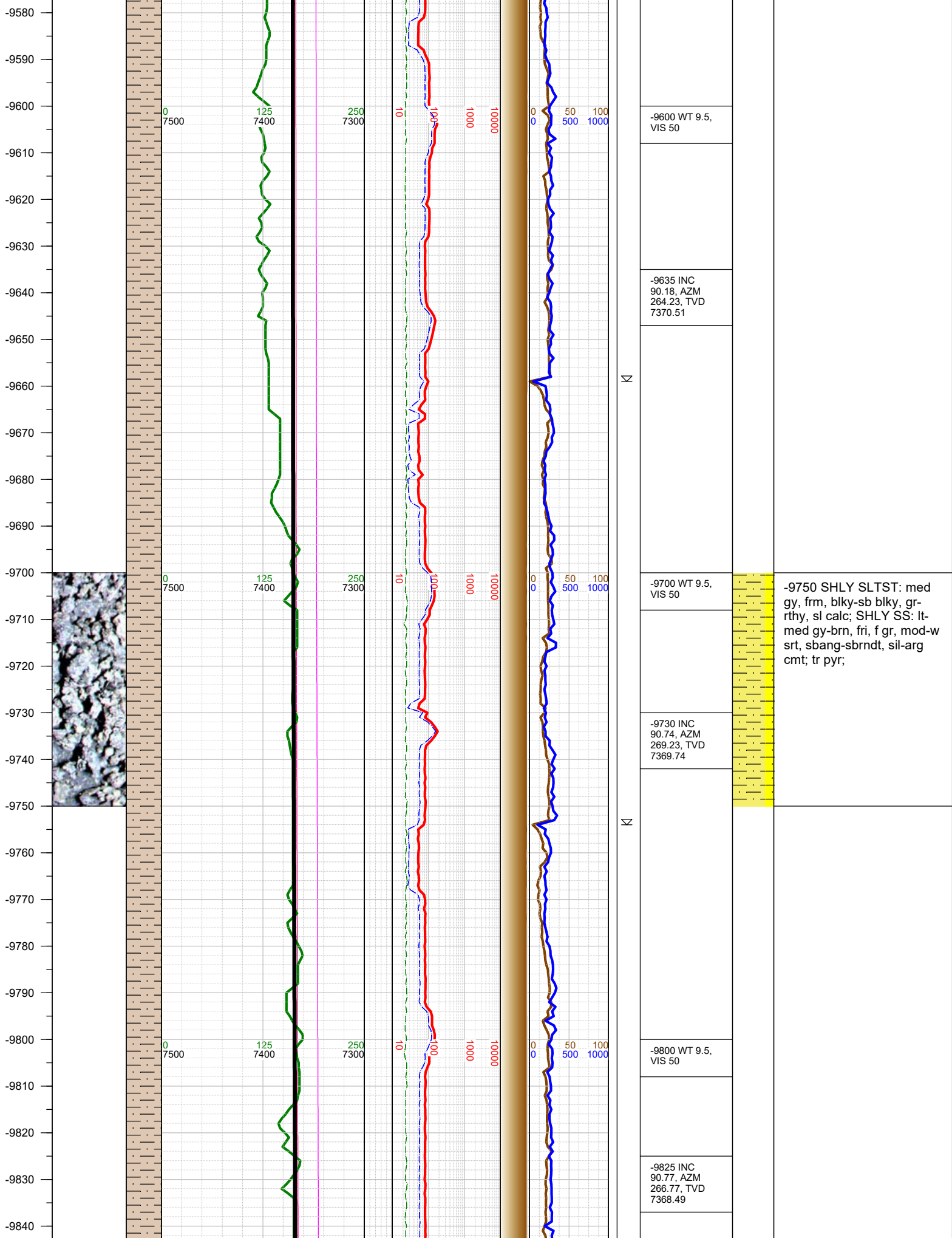
-8710 WT 9.5,
VIS 55

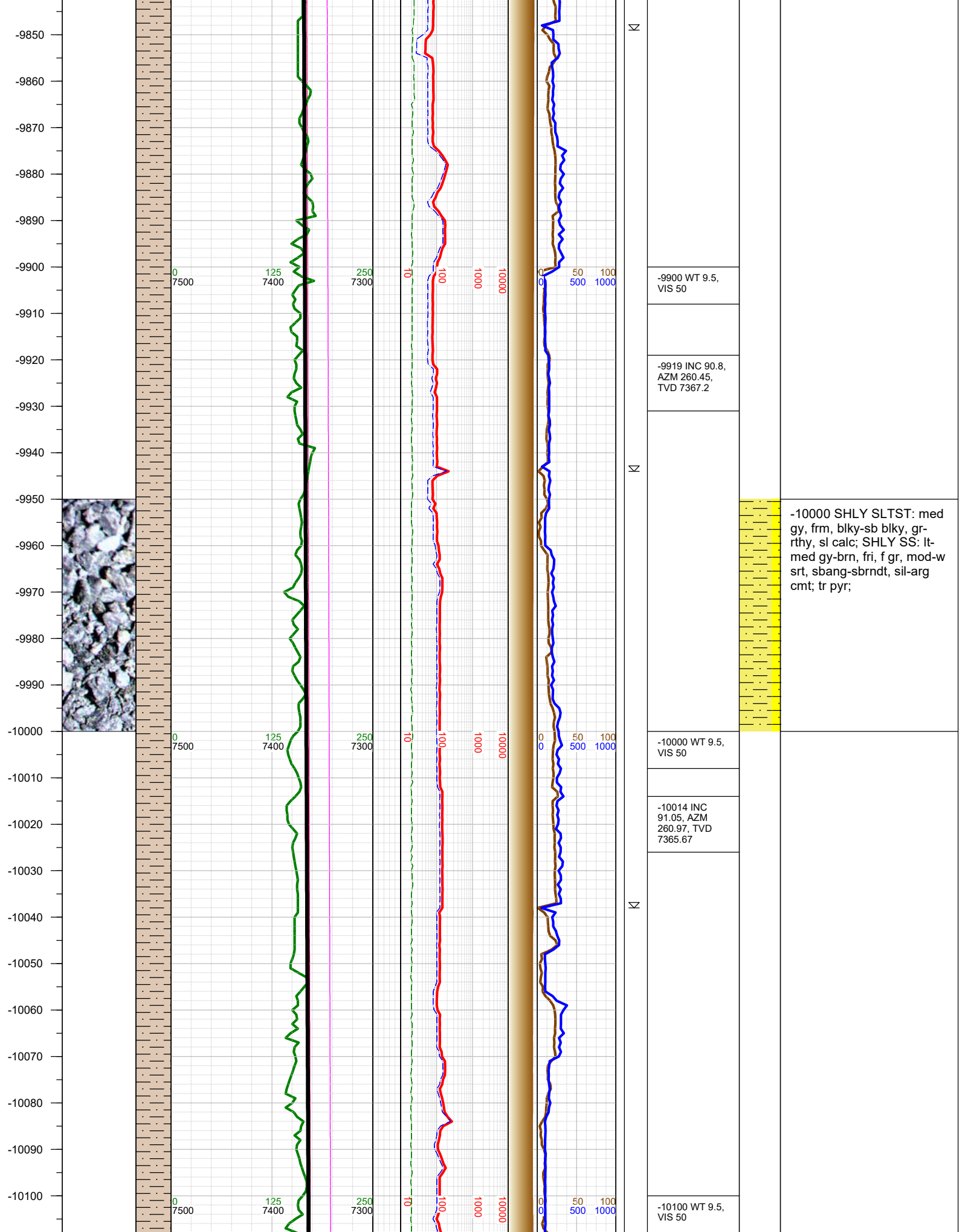


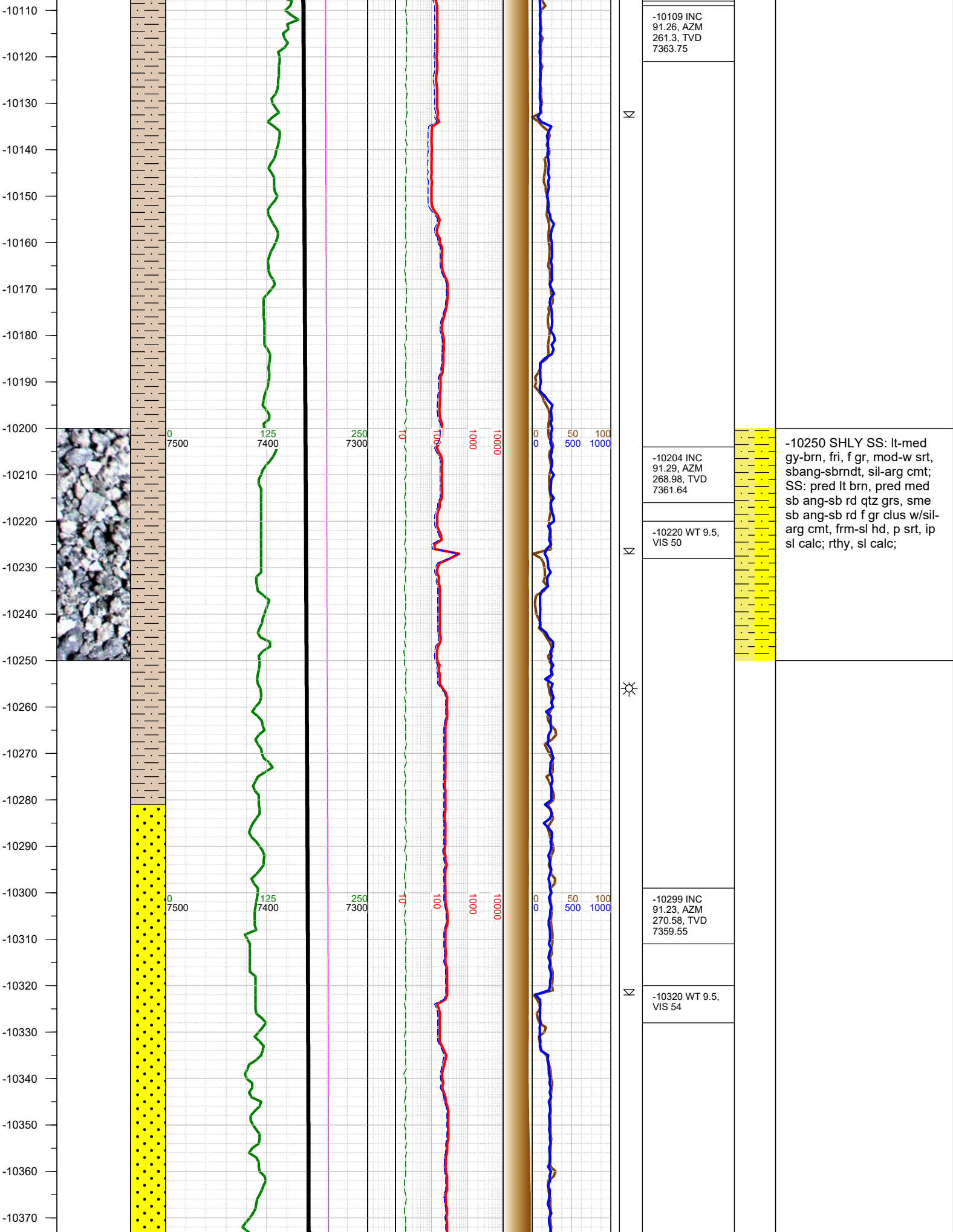
-8750 SHLY SS: lt-med gy-
brn, fri, f gr, mod-w srt,
sbang-sbrndt, sil-arg cmt;
SS: pred lt brn, pred med
sb ang-sb rd qtz grs, sme
sb ang-sb rd f gr clus w/sil-
arg cmt, frm-sl hd, p srt, ip
sl calc; SHLY SLTST: med
gy, frm, blk-y-sb blk-y, gr-
rthy, sl calc; tr pyr;

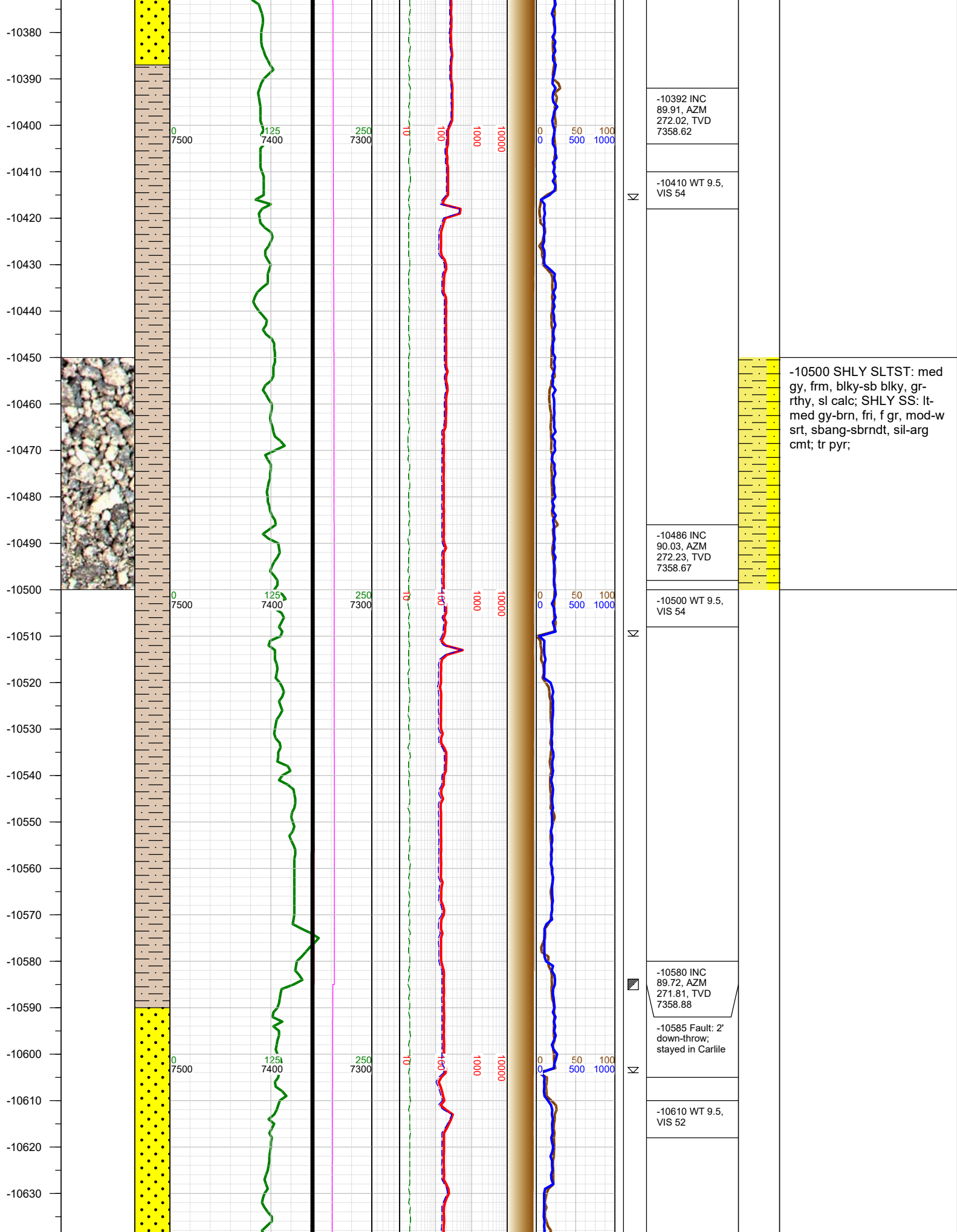


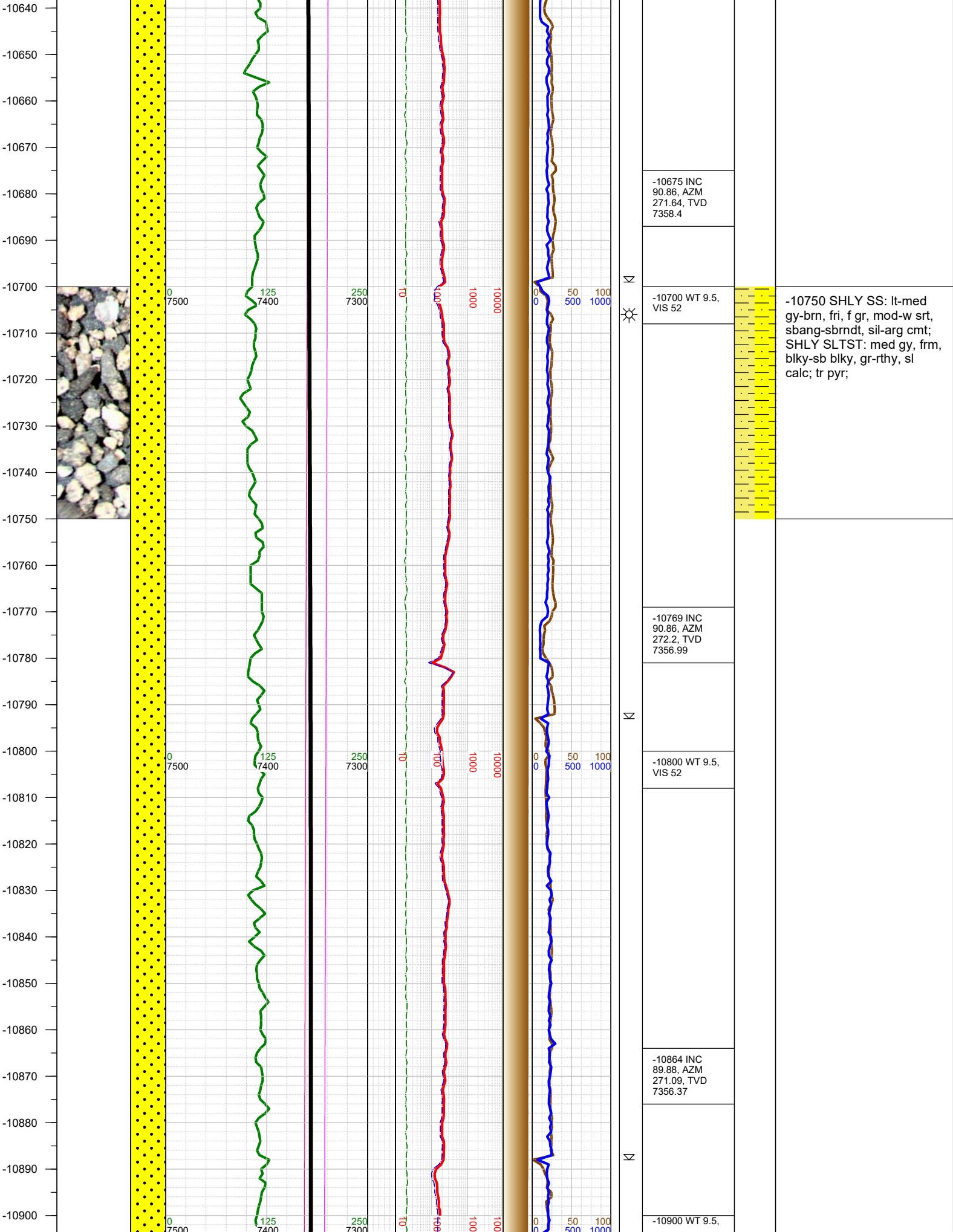


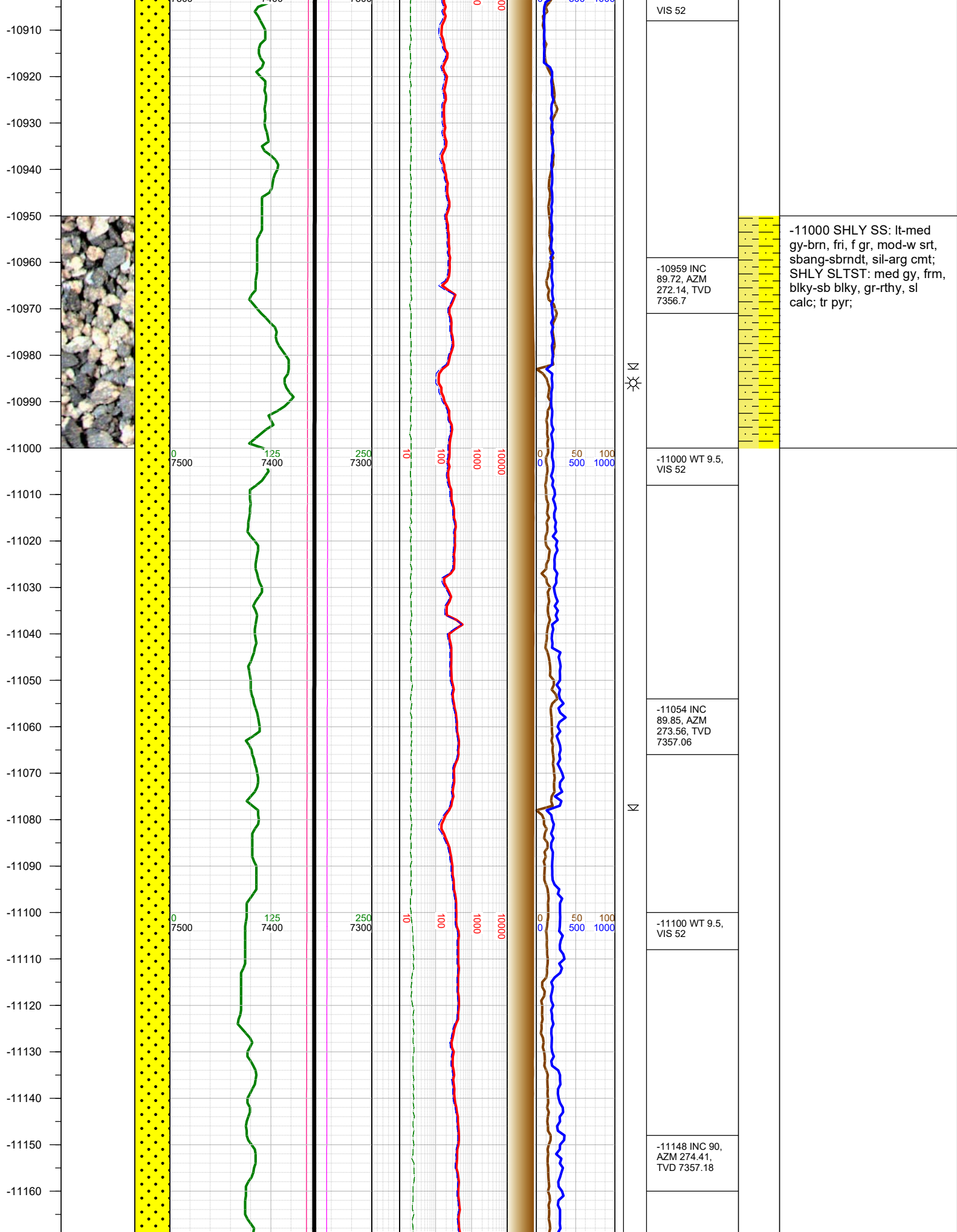


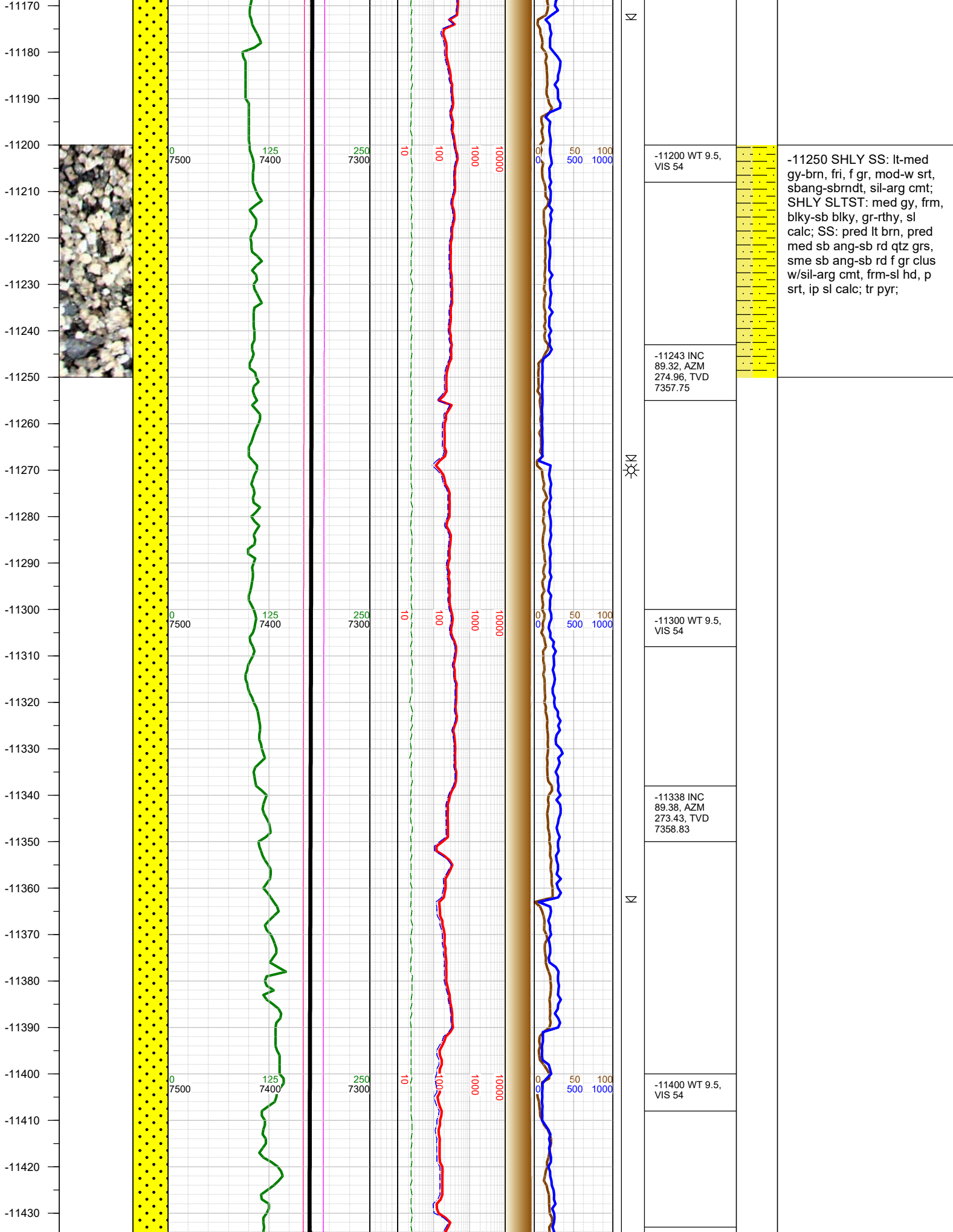


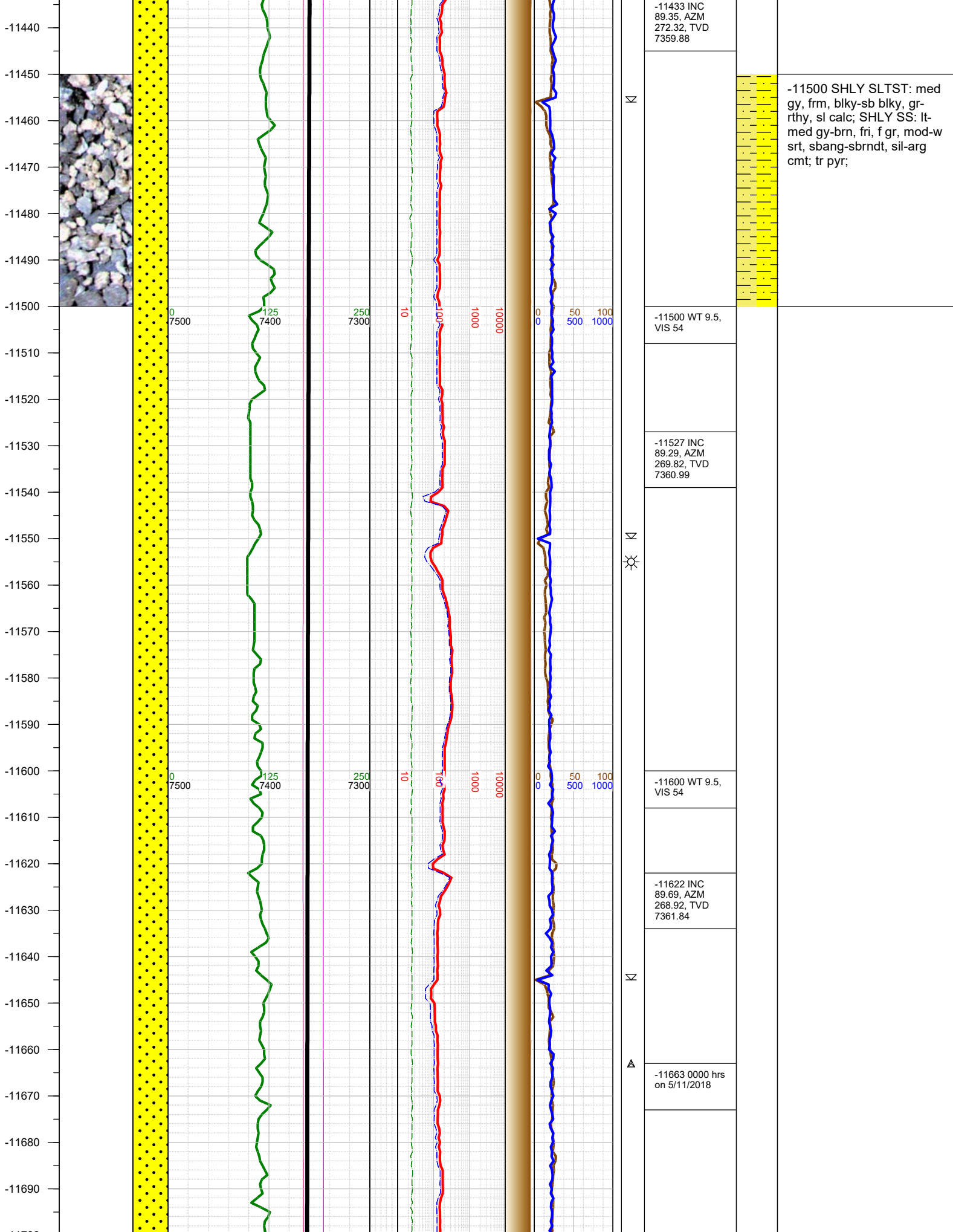


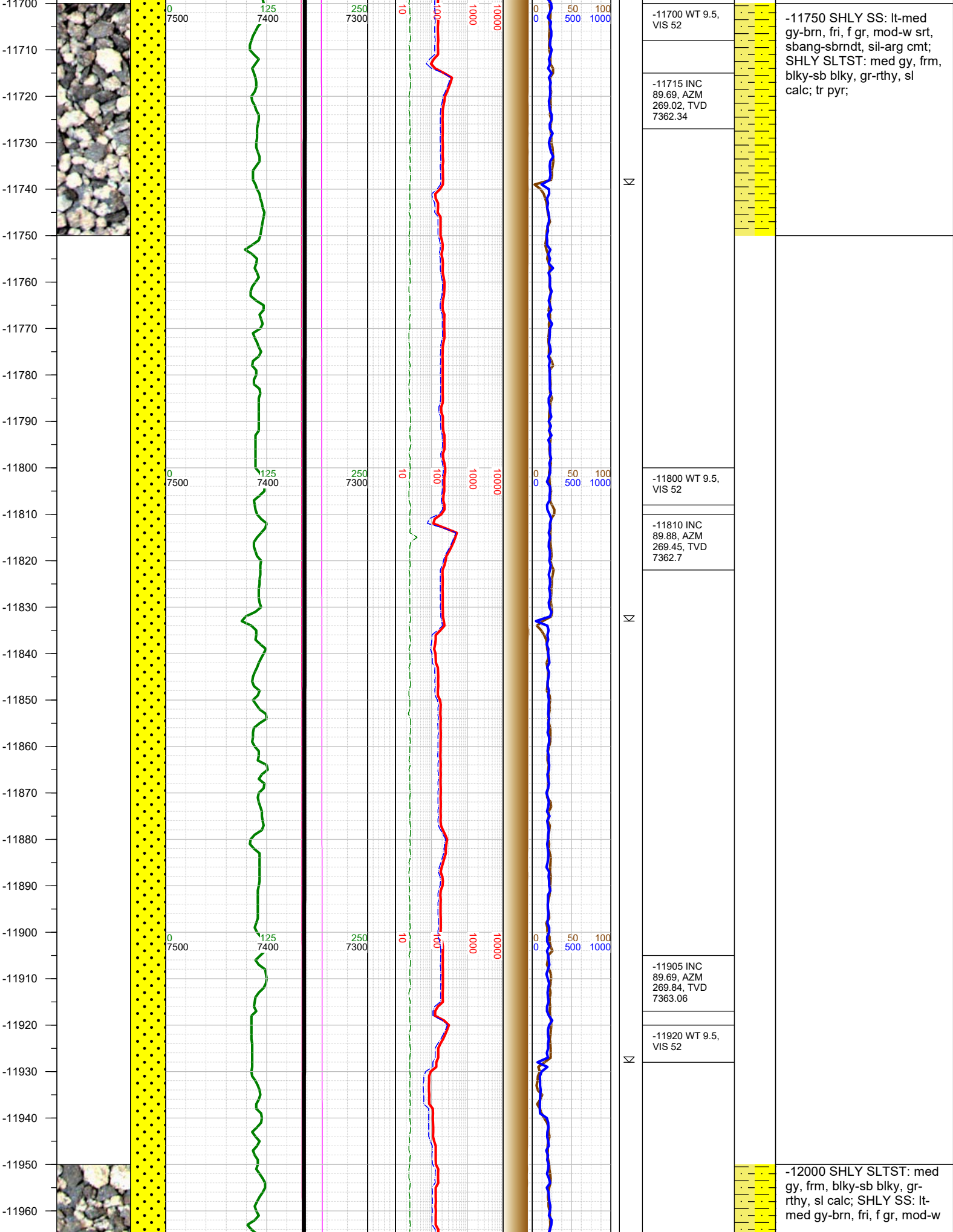


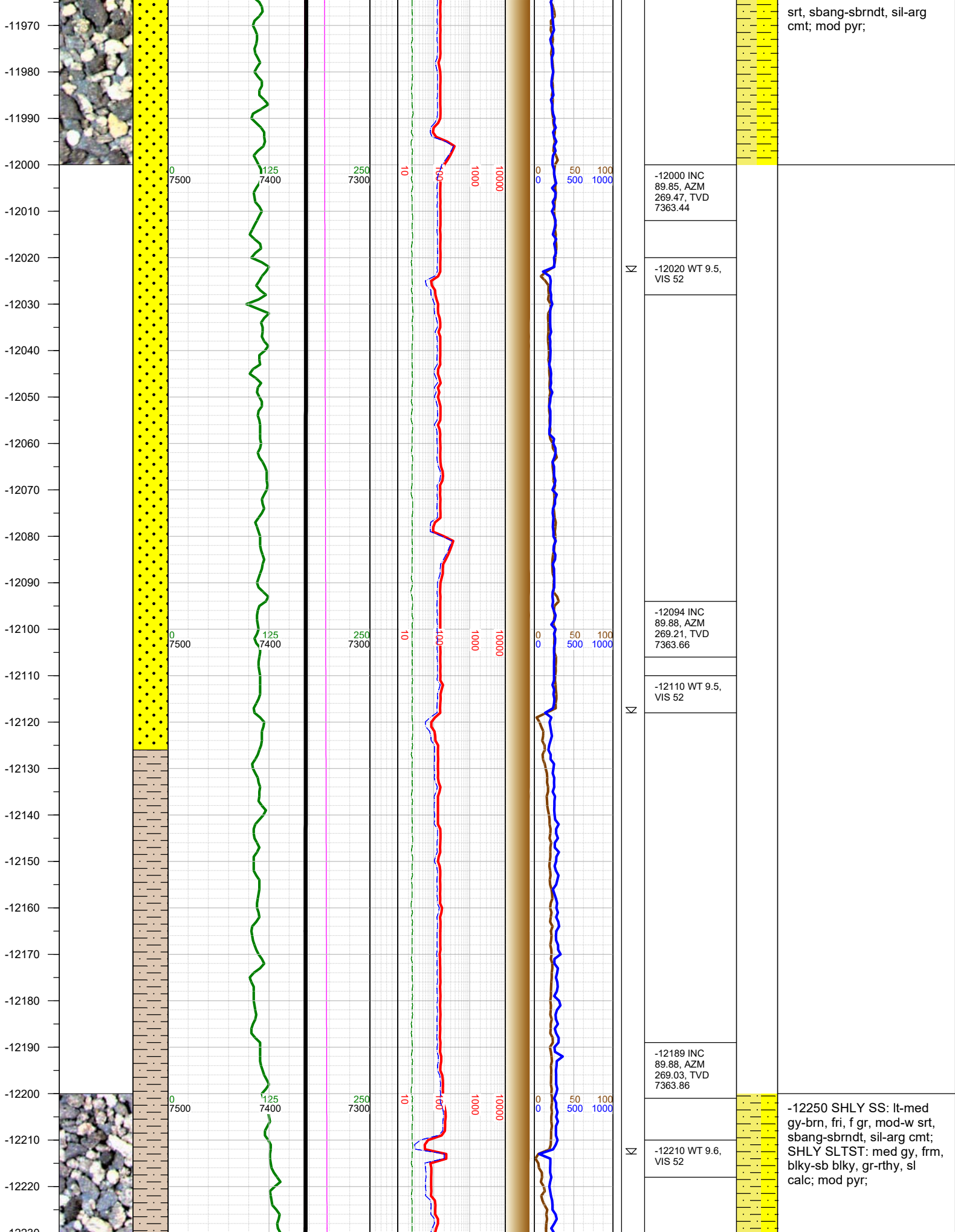


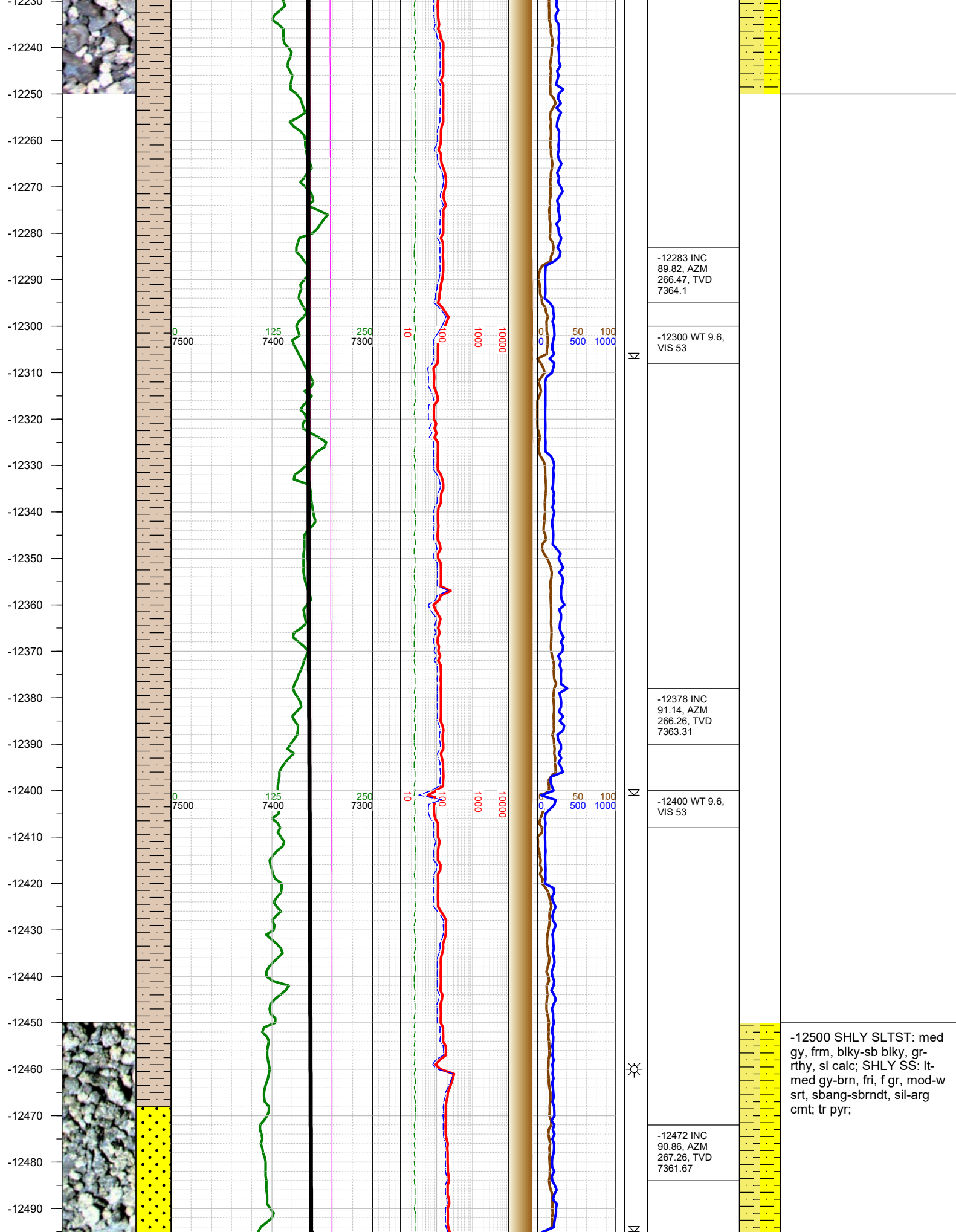


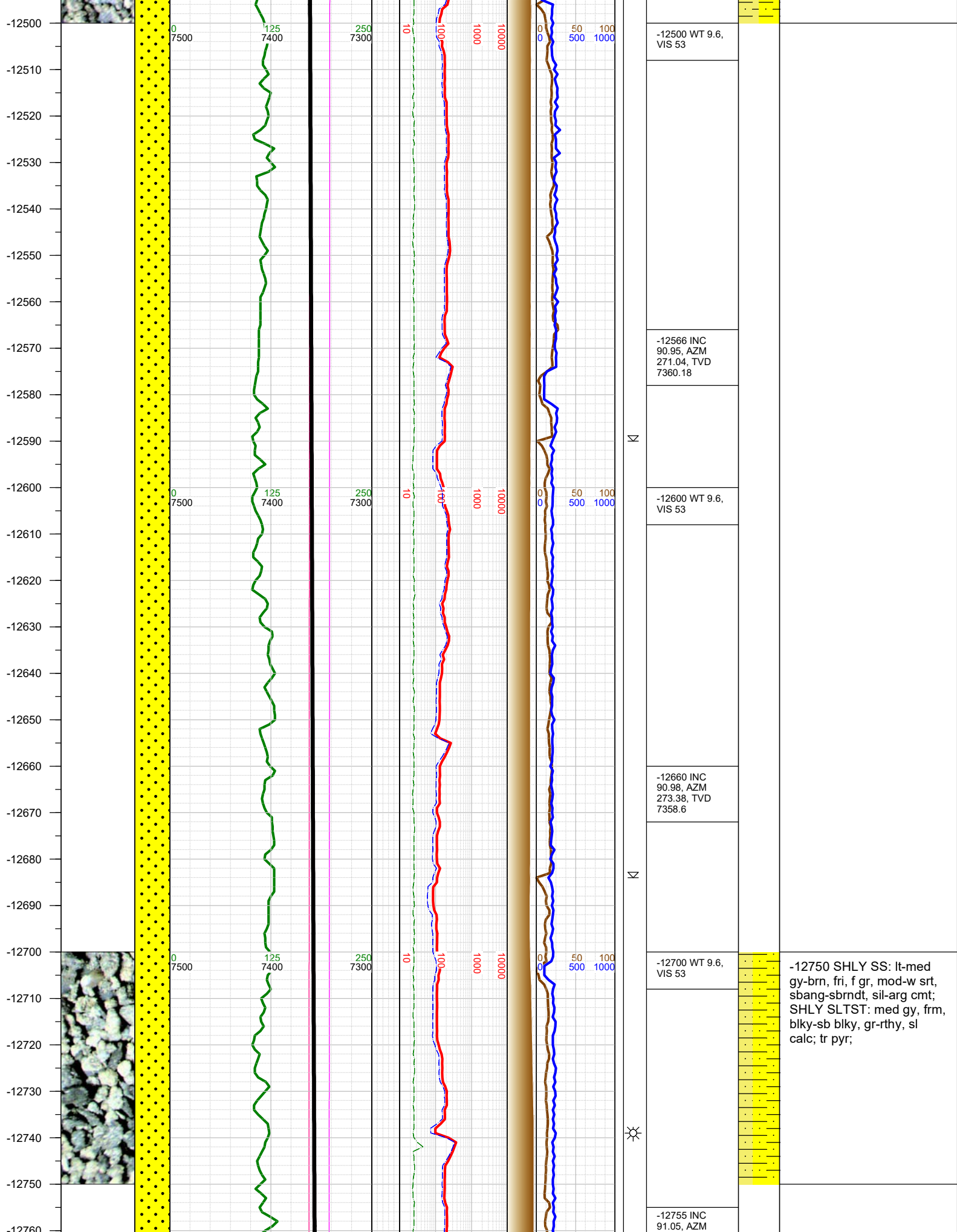


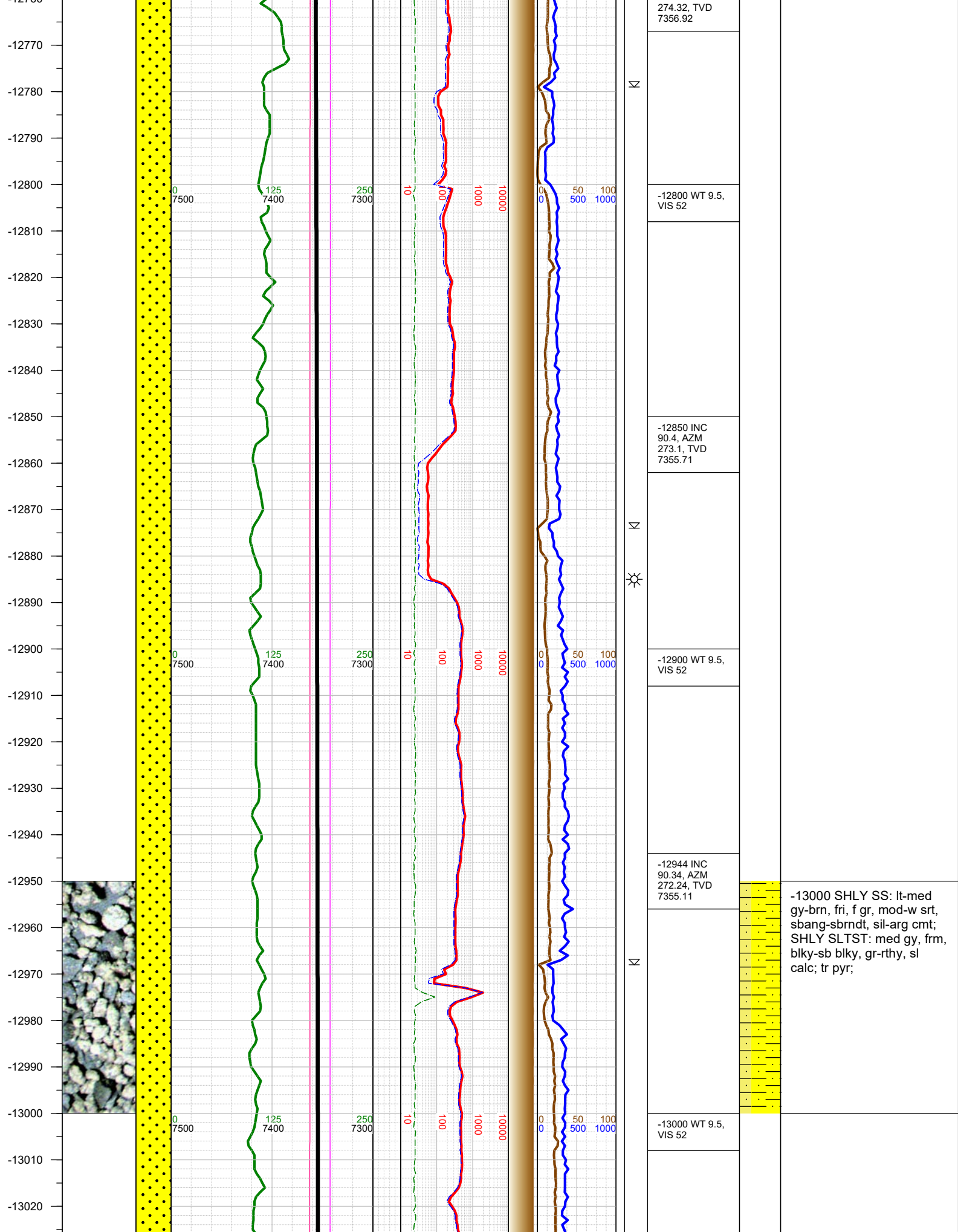




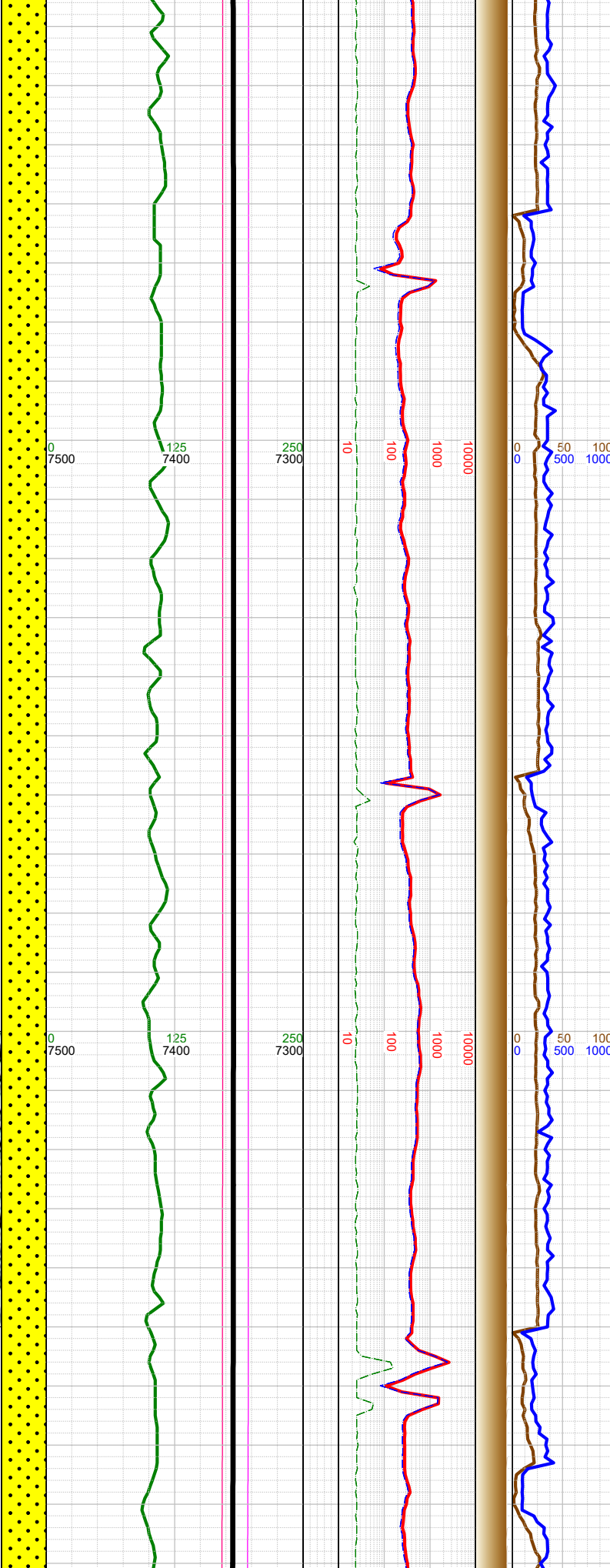
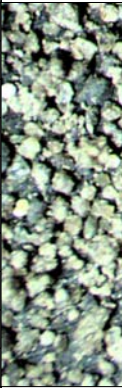








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-13038 INC
90.43, AZM
268.96, TVD
7354.47

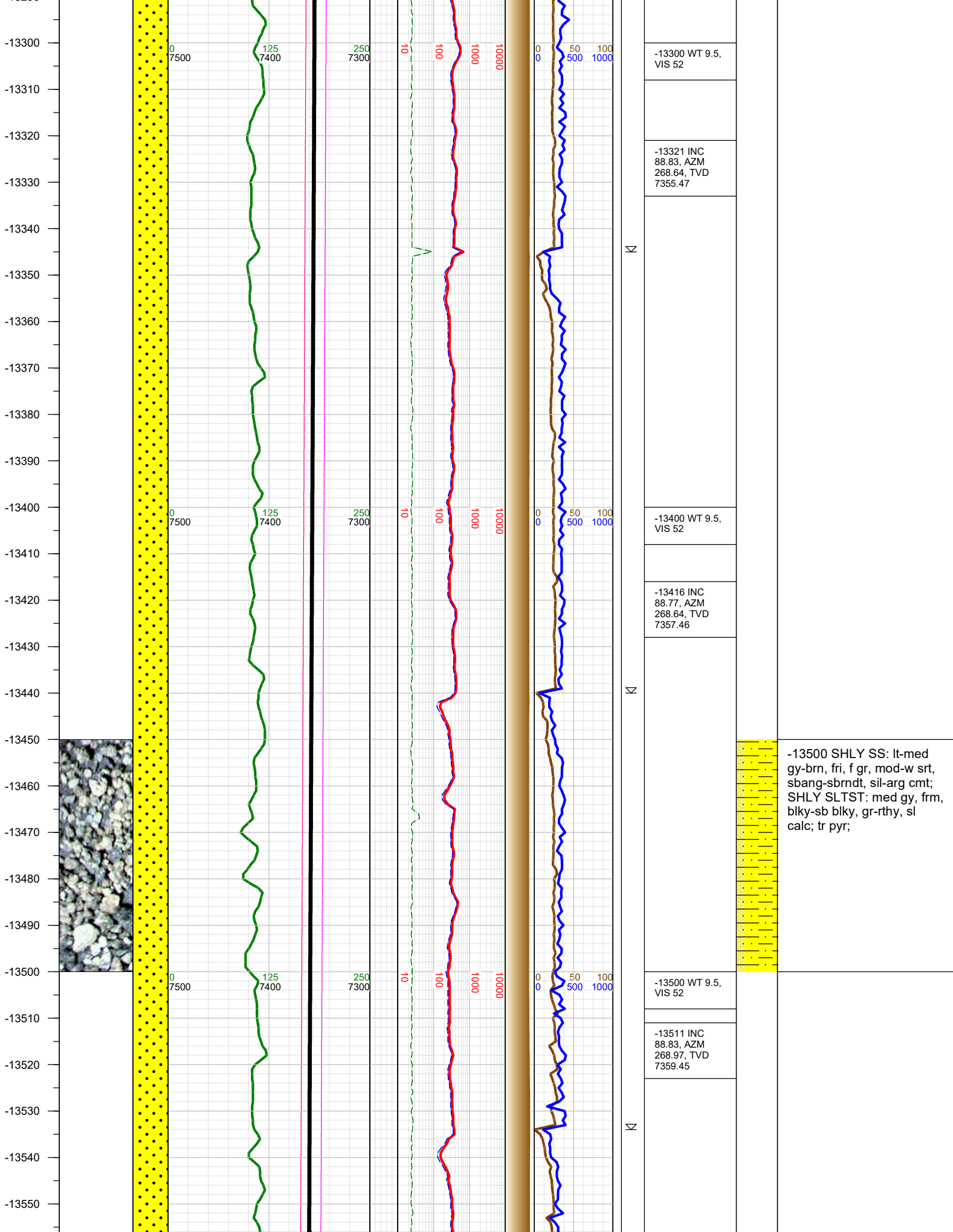
-13100 WT 9.5,
VIS 52

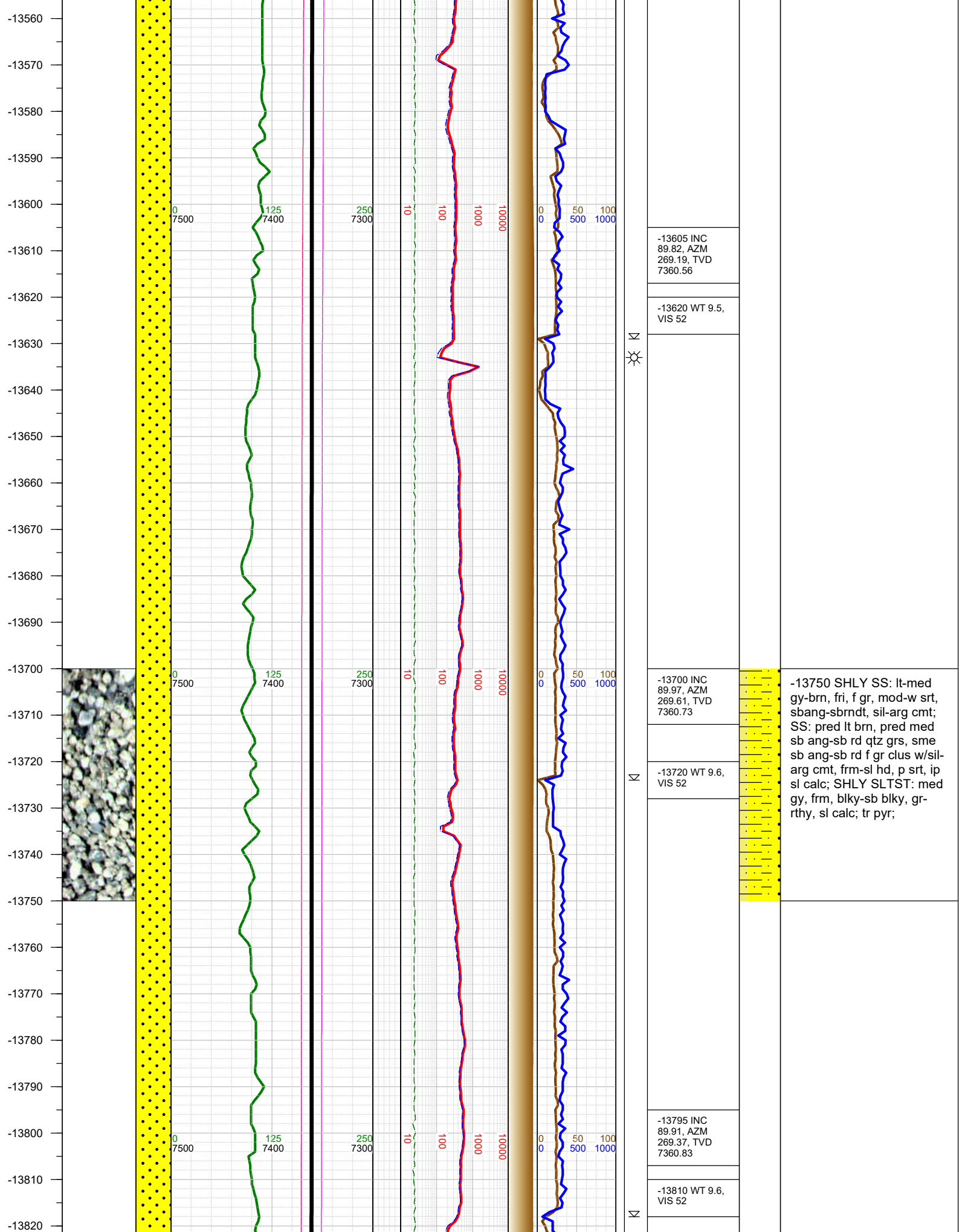
-13133 INC
89.88, AZM
268.94, TVD
7354.22

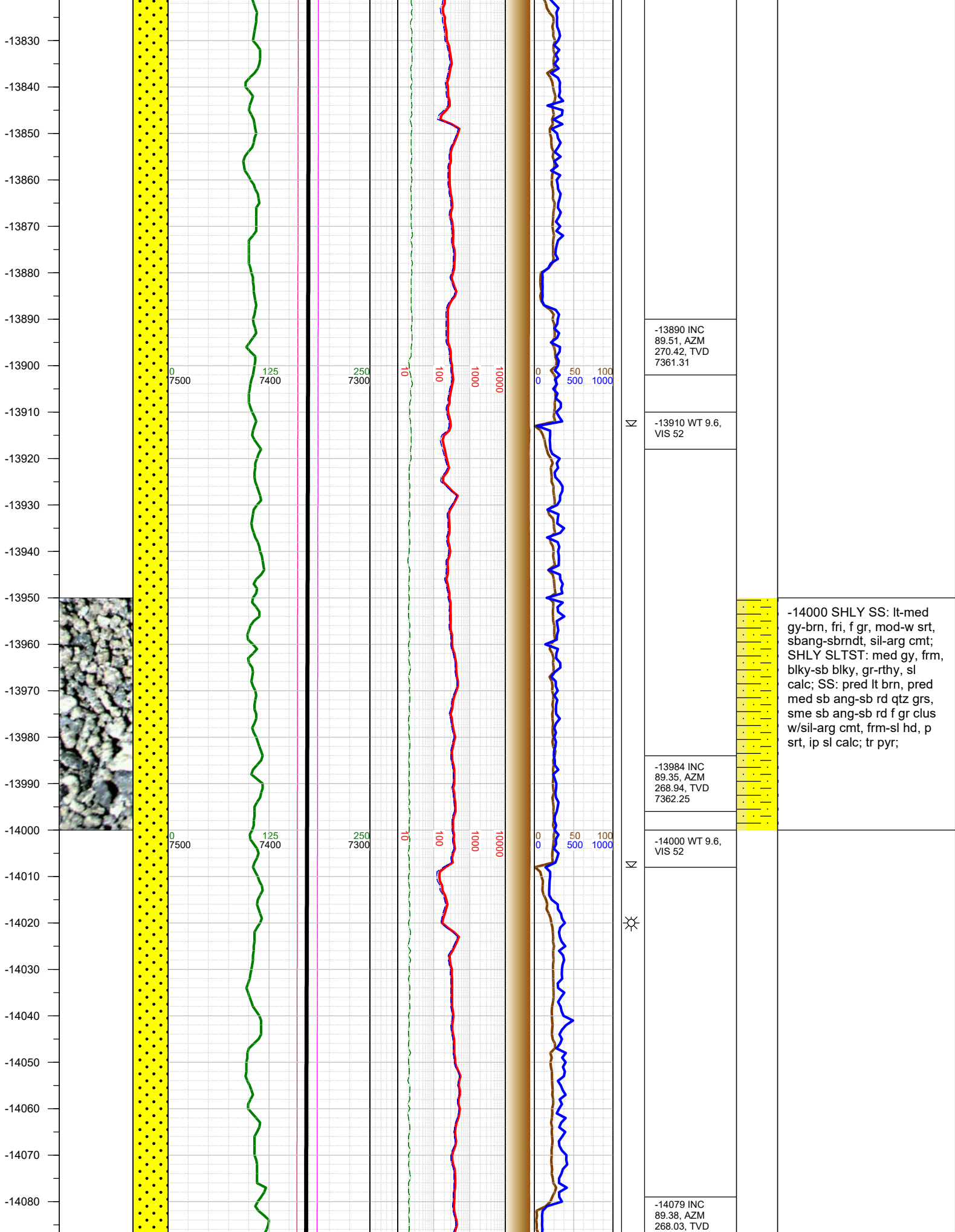
-13200 WT 9.5,
VIS 52

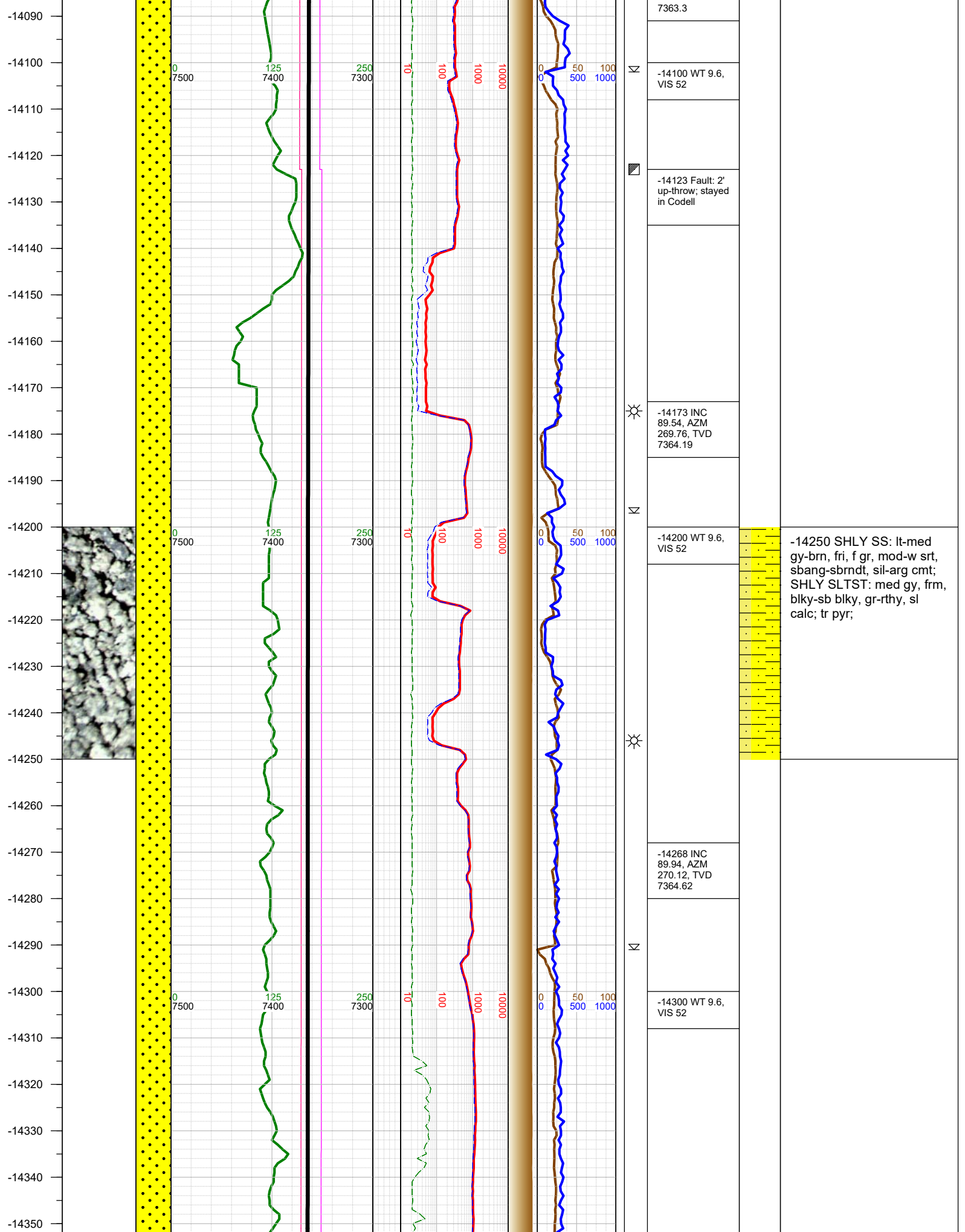
-13227 INC
89.88, AZM
268.56, TVD
7354.41

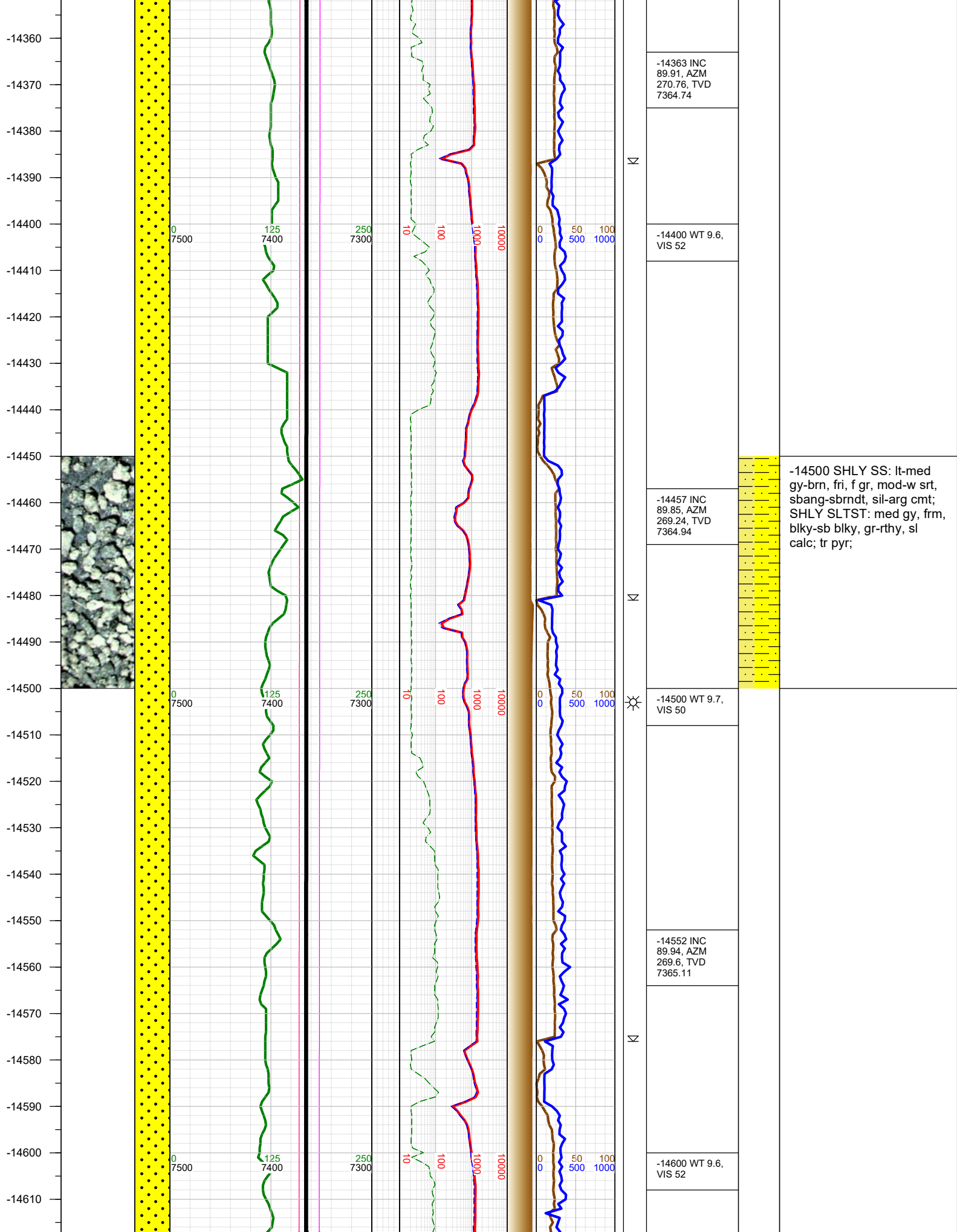
-13250 SHLY SS: lt-med
gy-brn, fri, f gr, mod-w srt,
sbang-sbrndt, sil-arg cmt;
SHLY SLTST: med gy, frm,
blky-sb blky, gr-rthy, sl
calc; tr pyr;

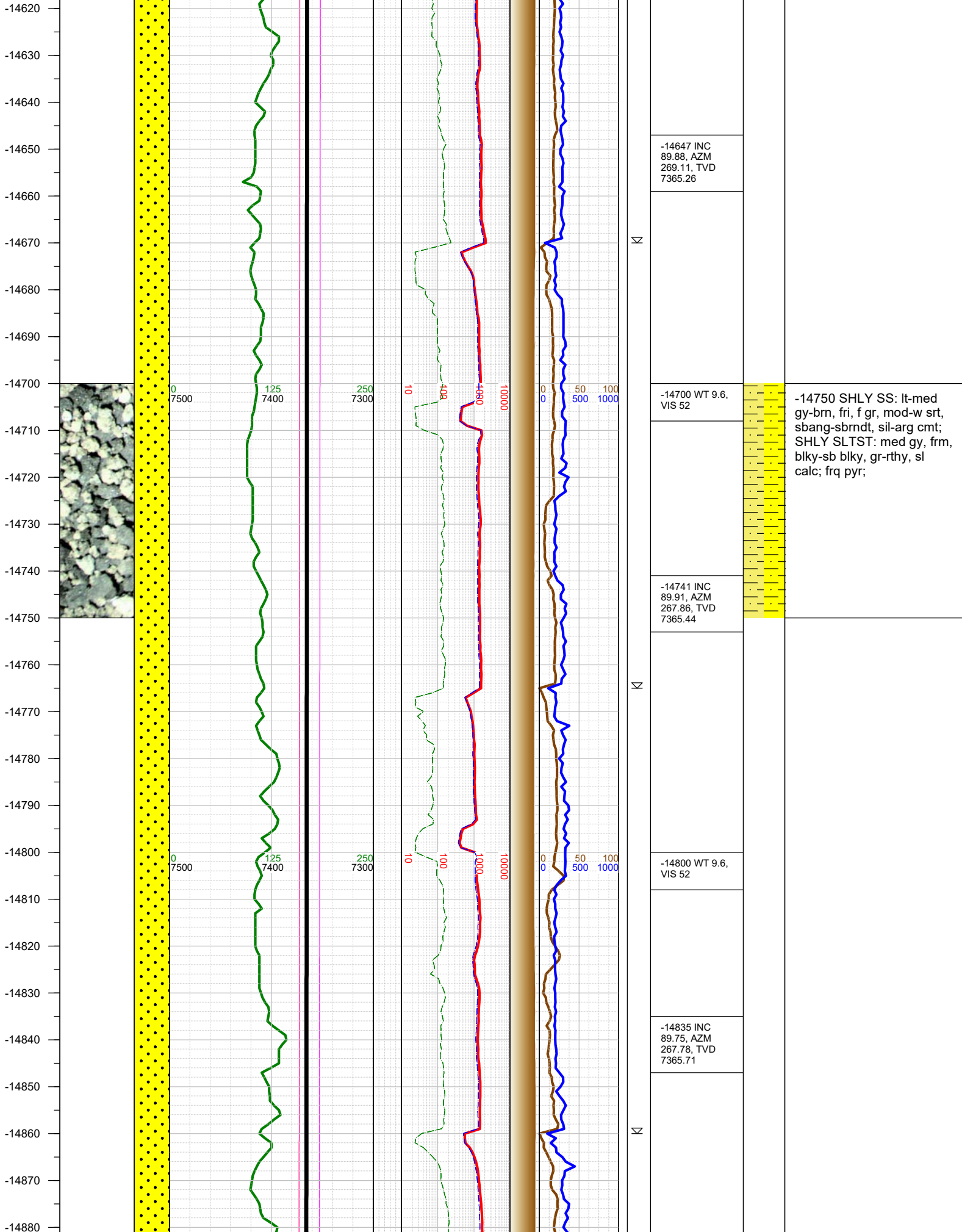


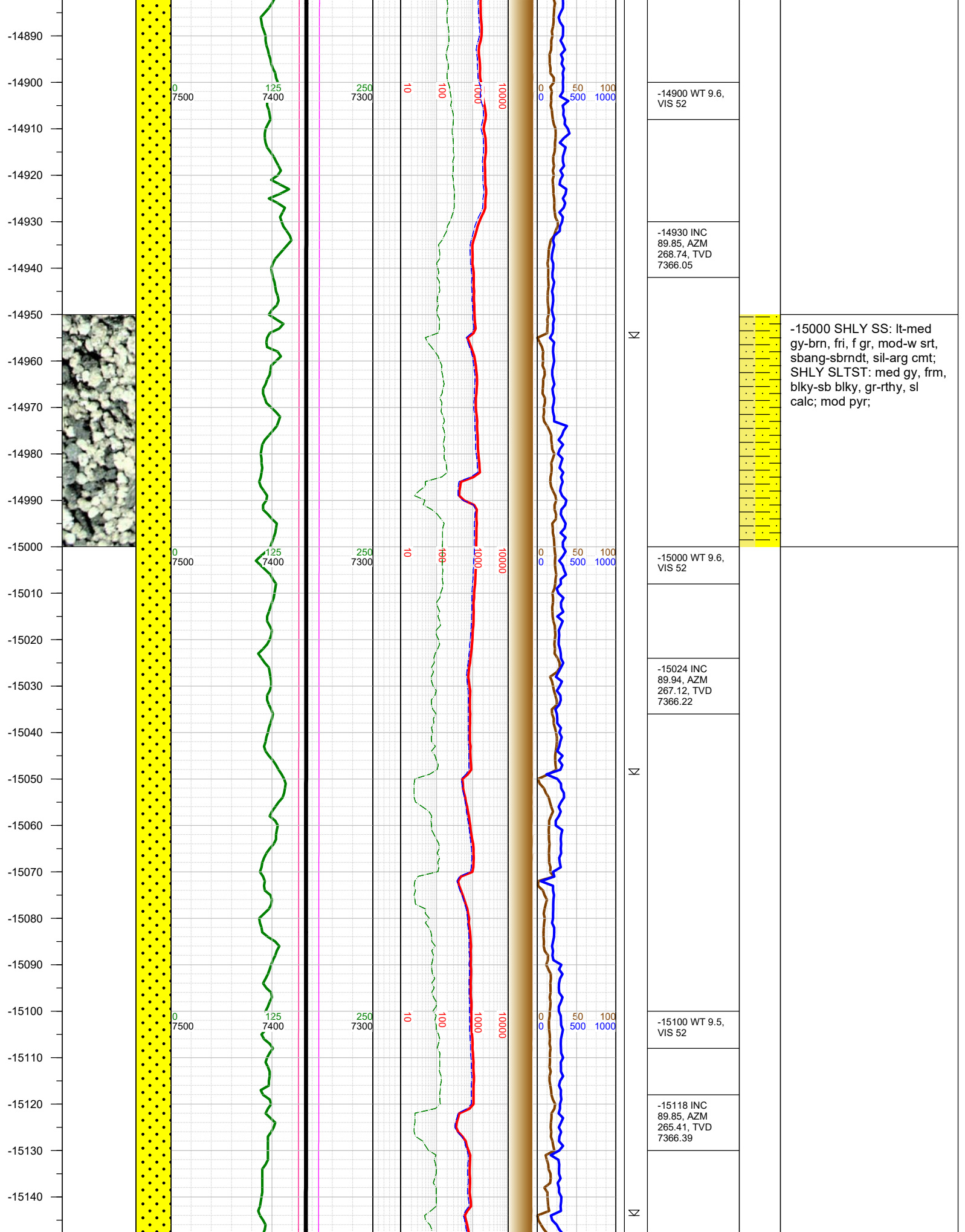


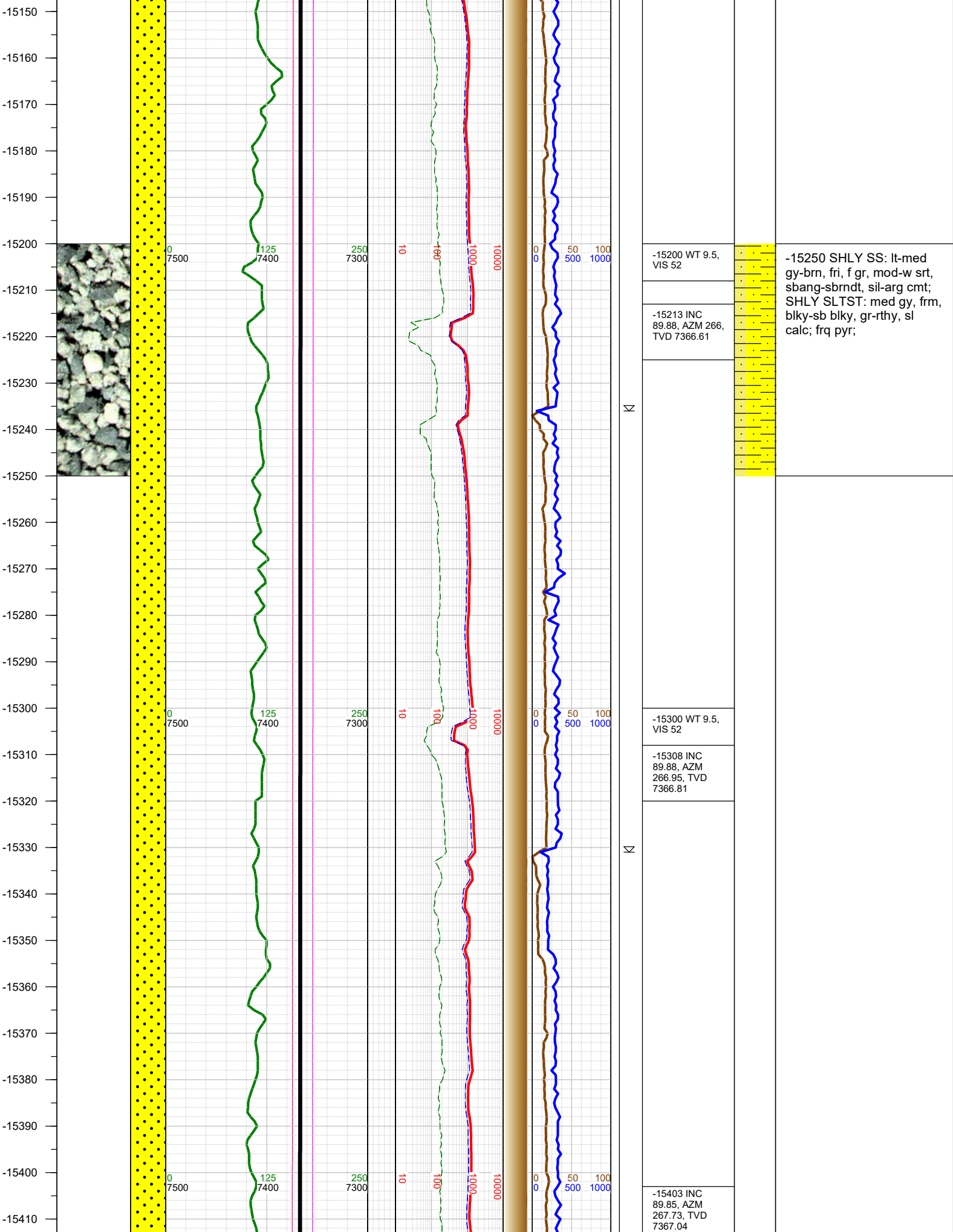


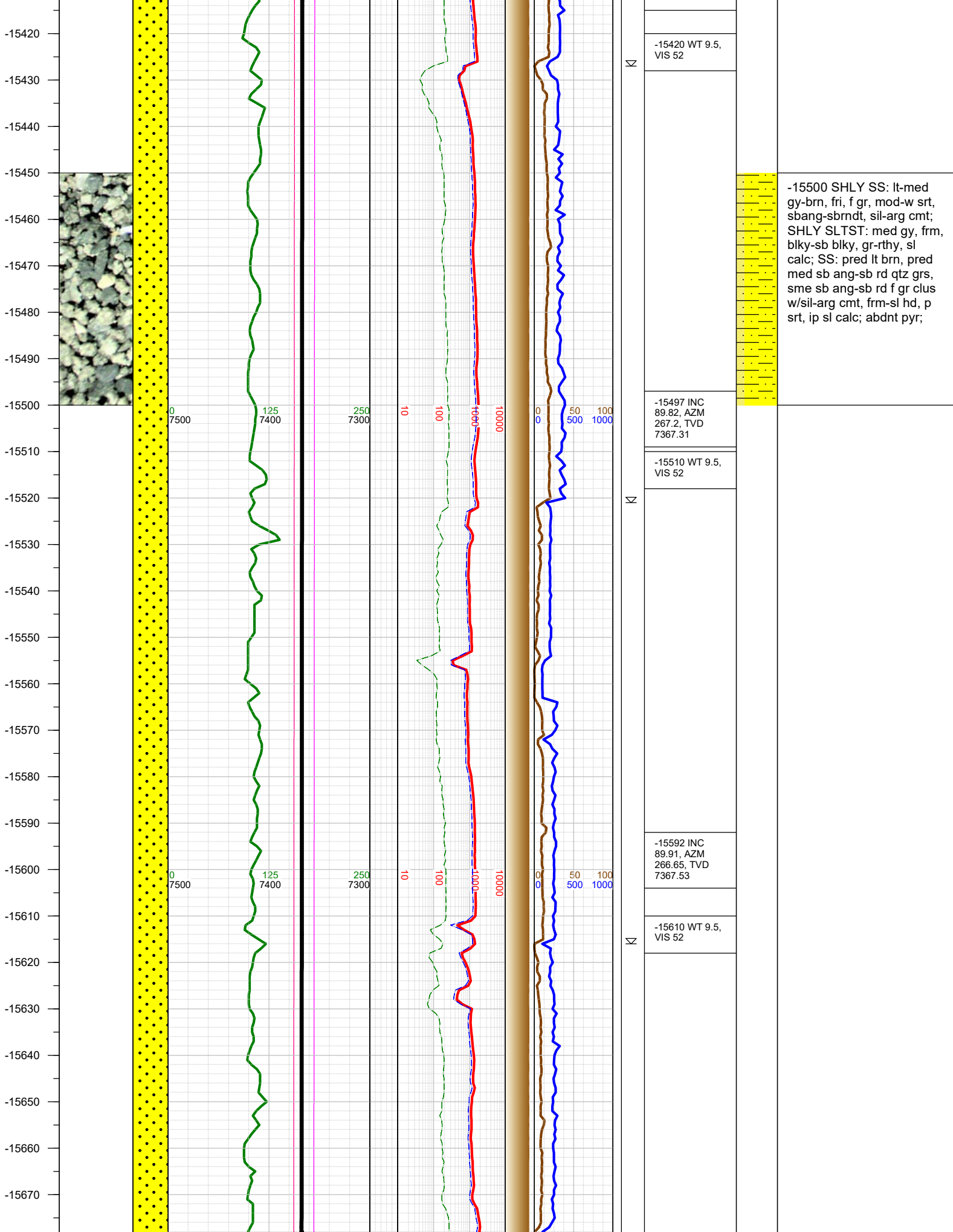


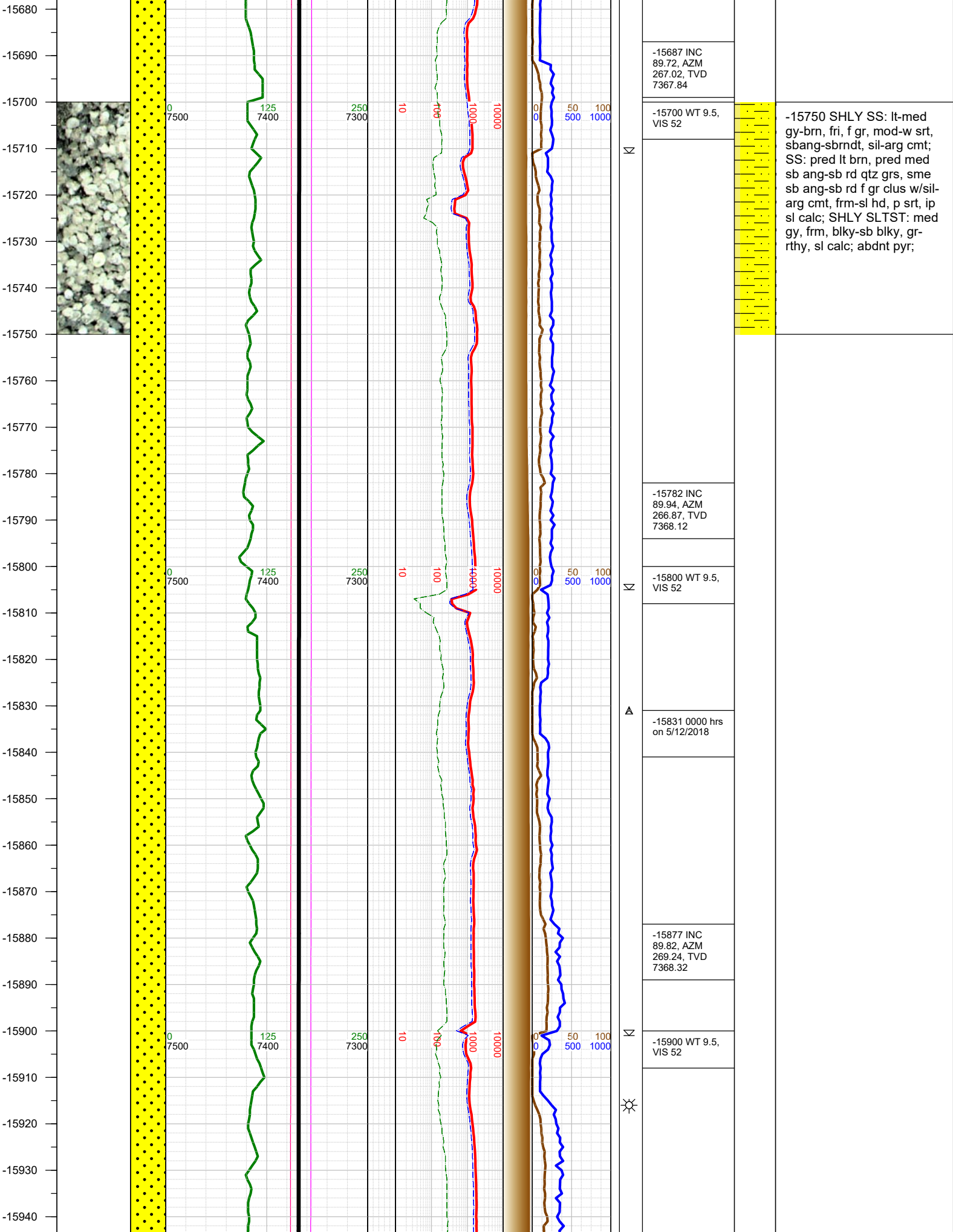


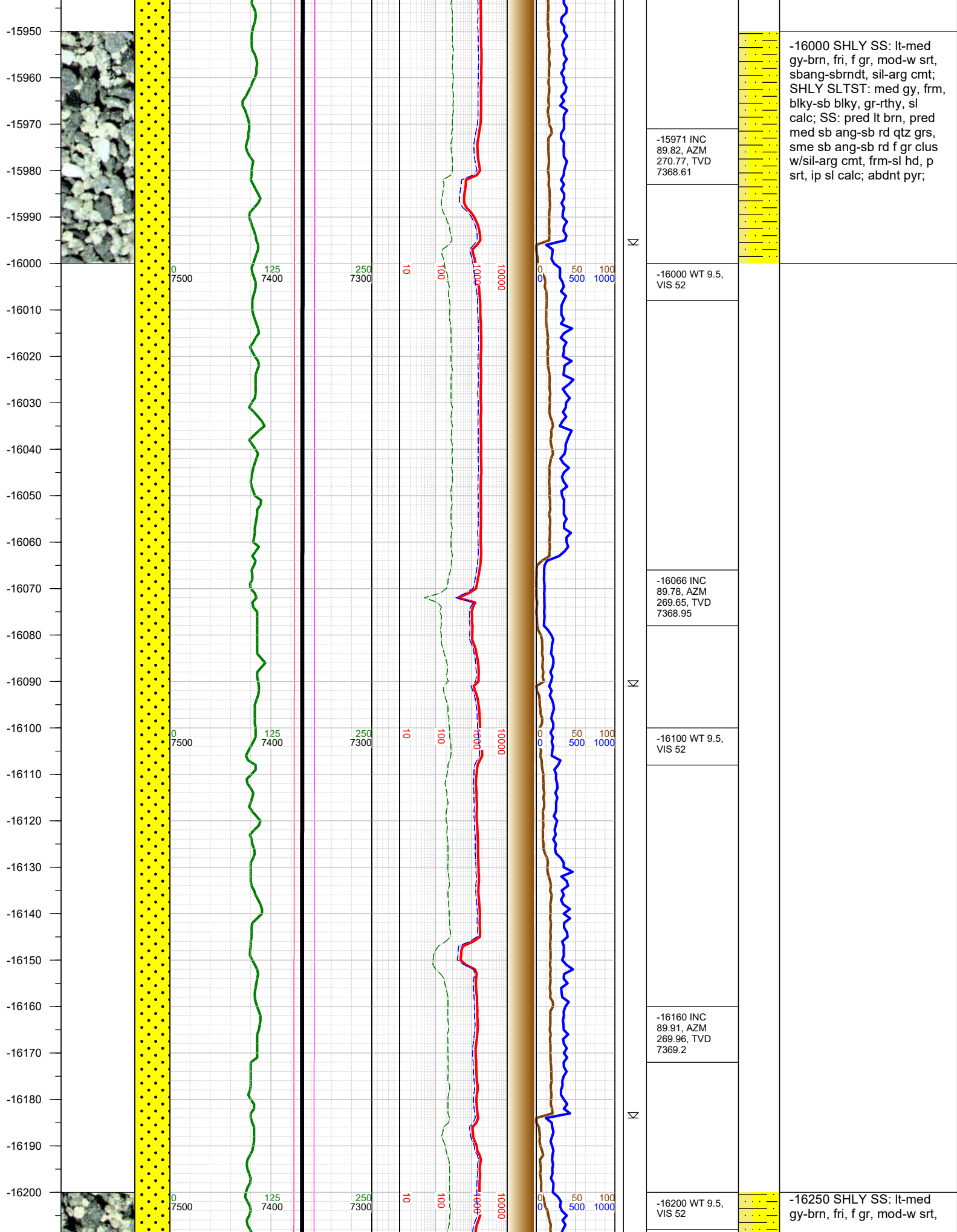


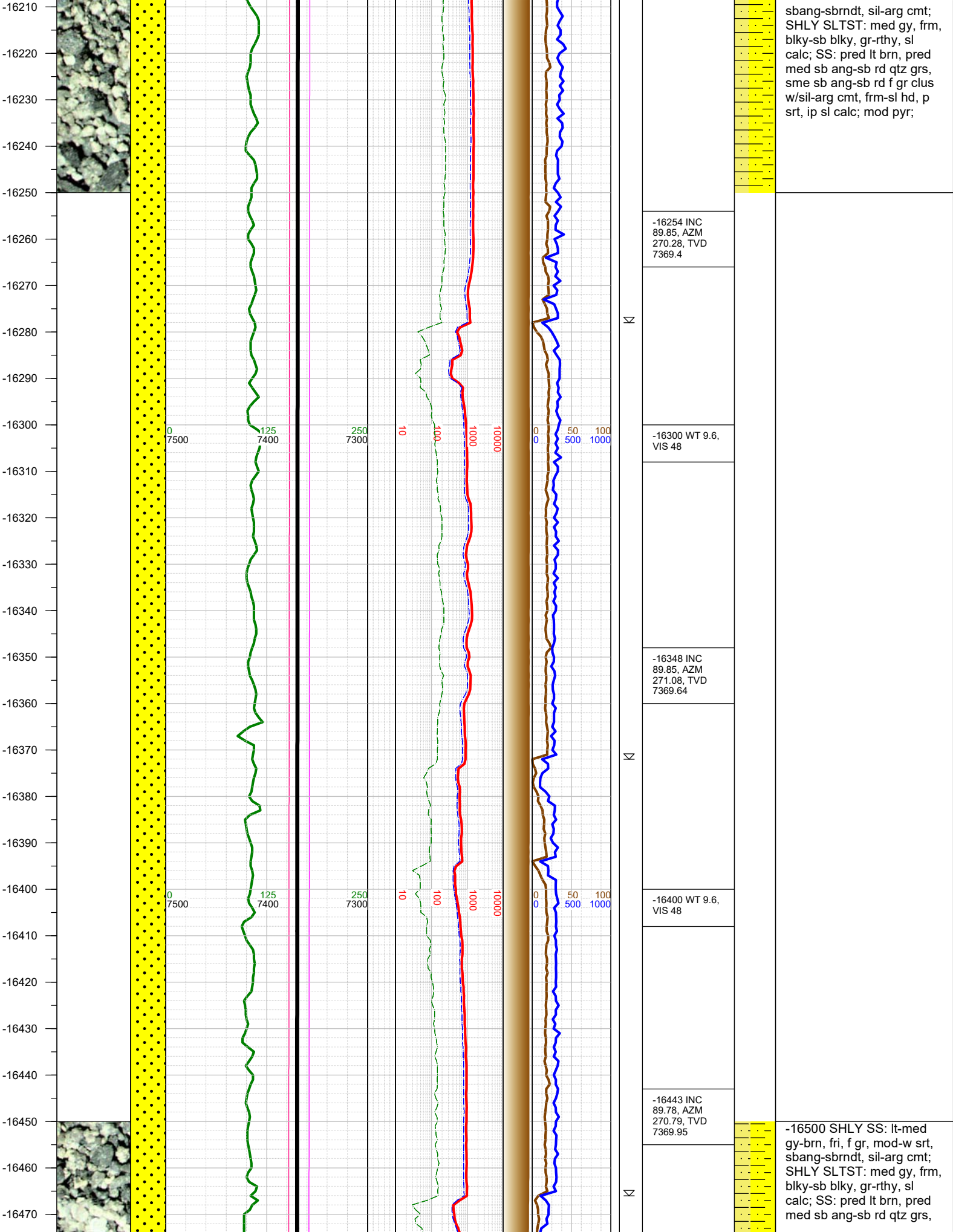


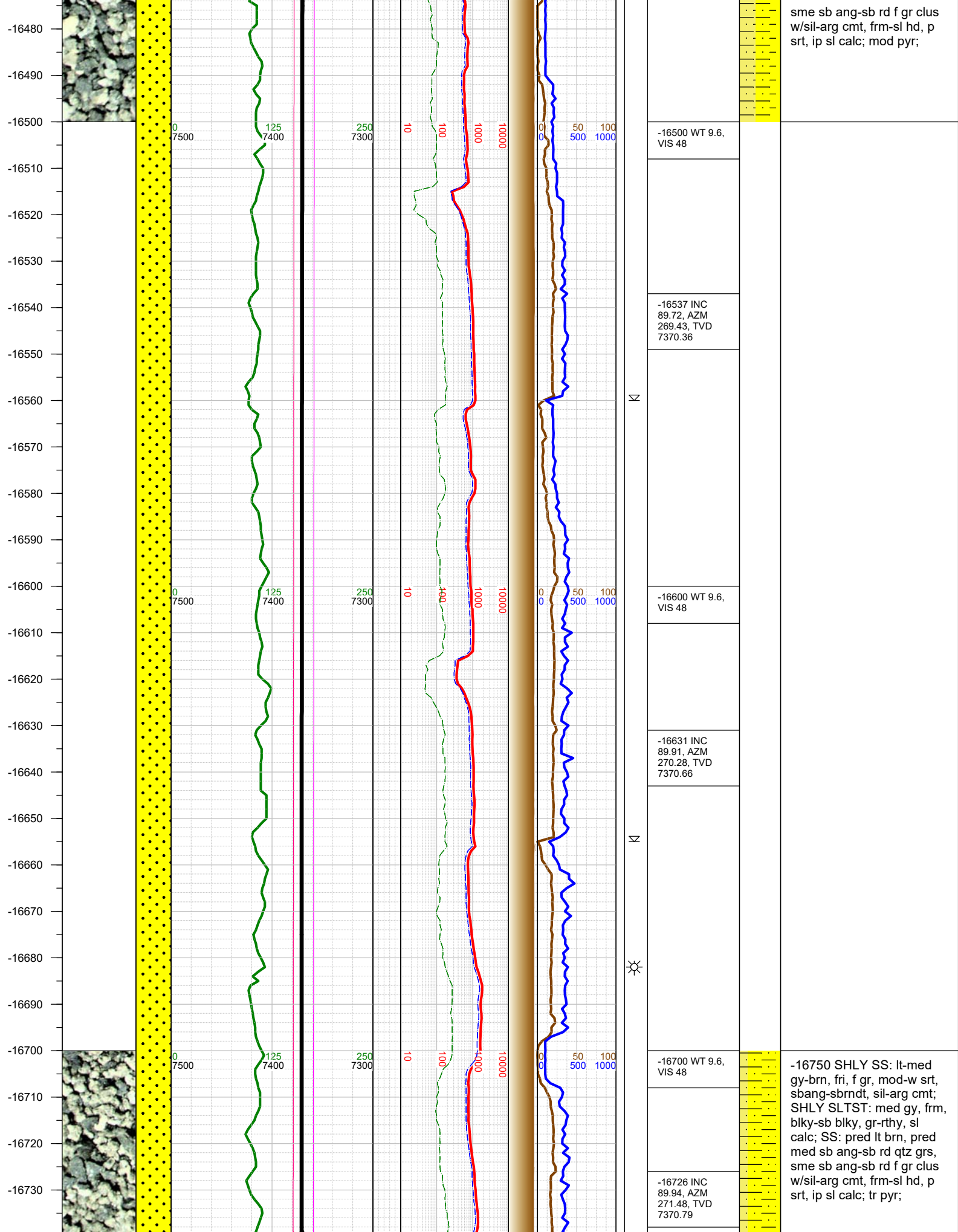


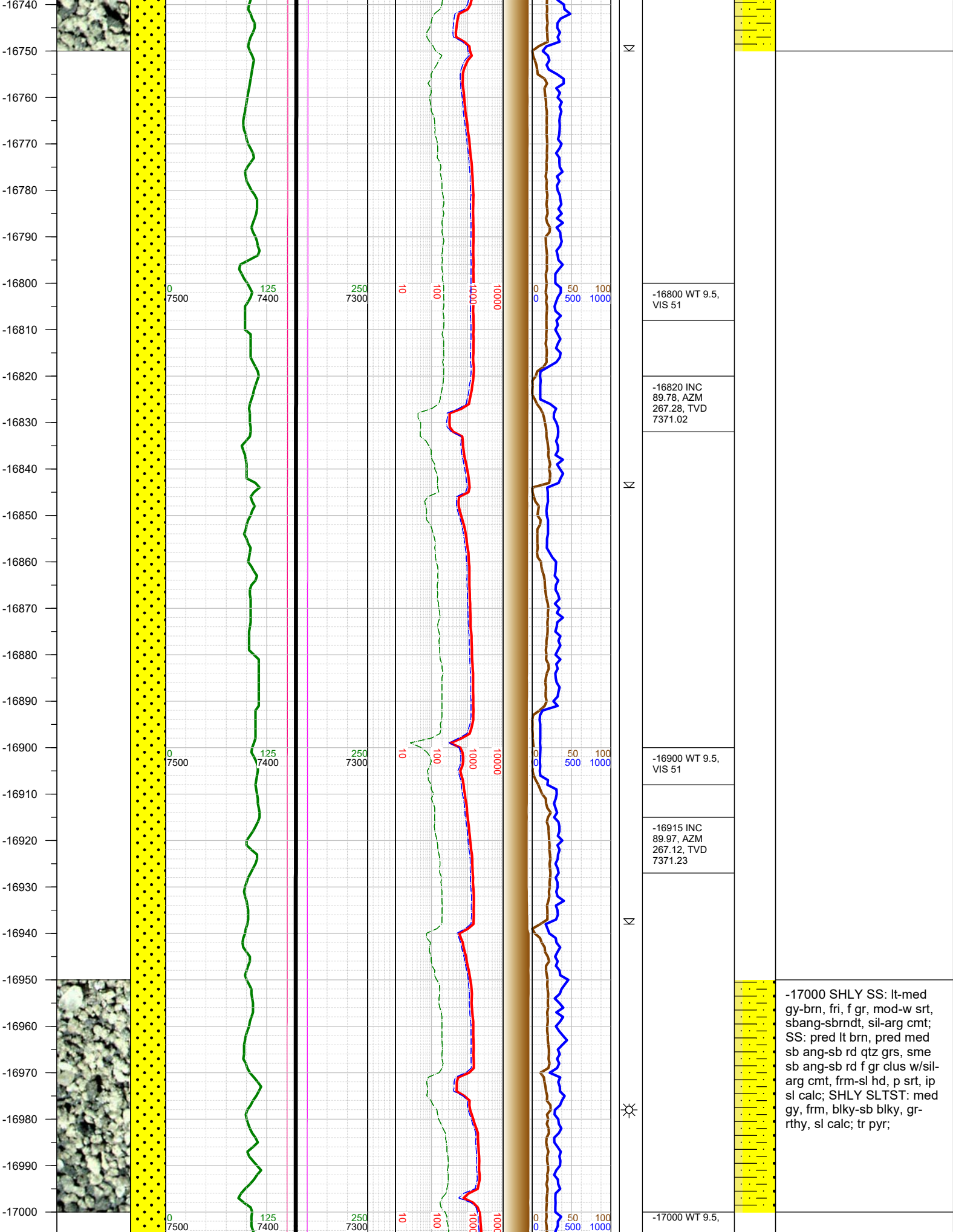




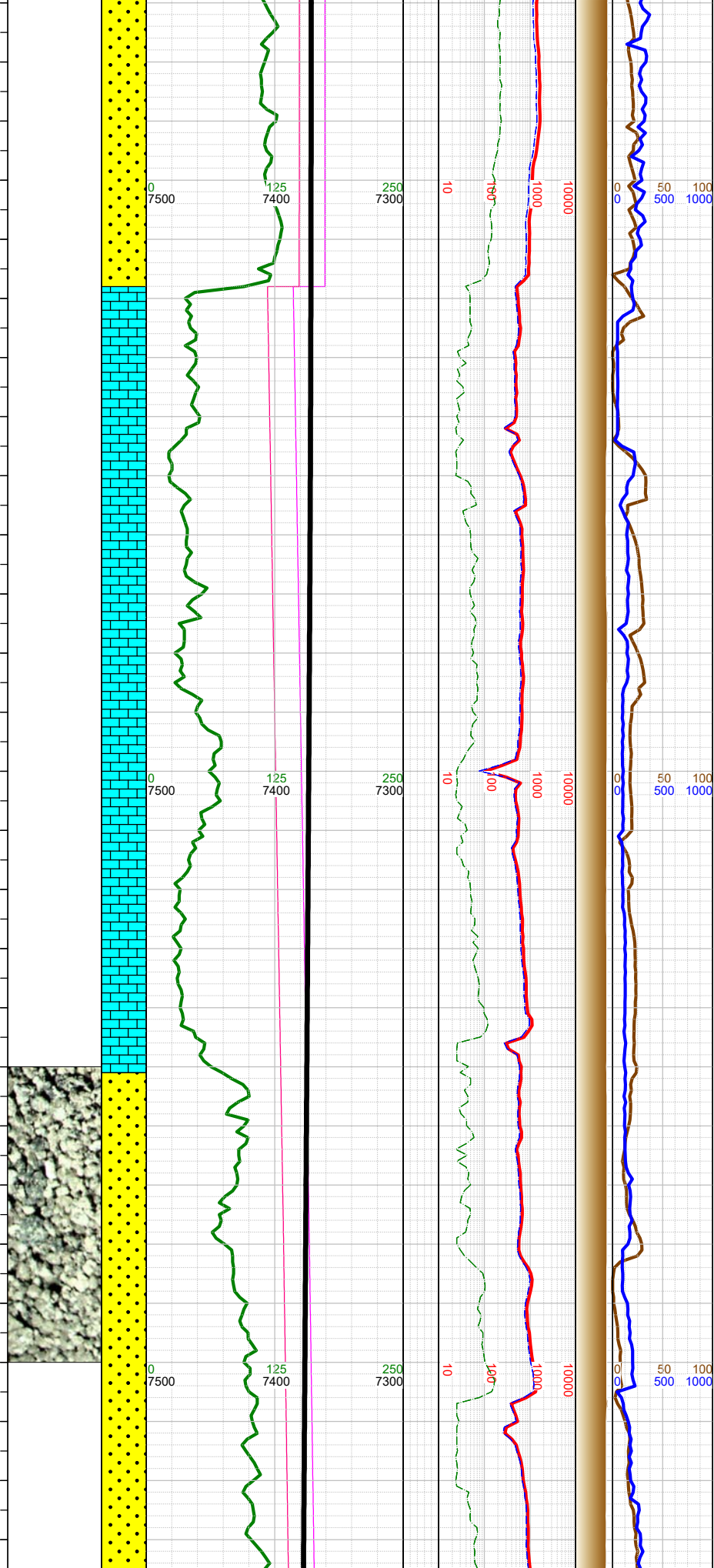




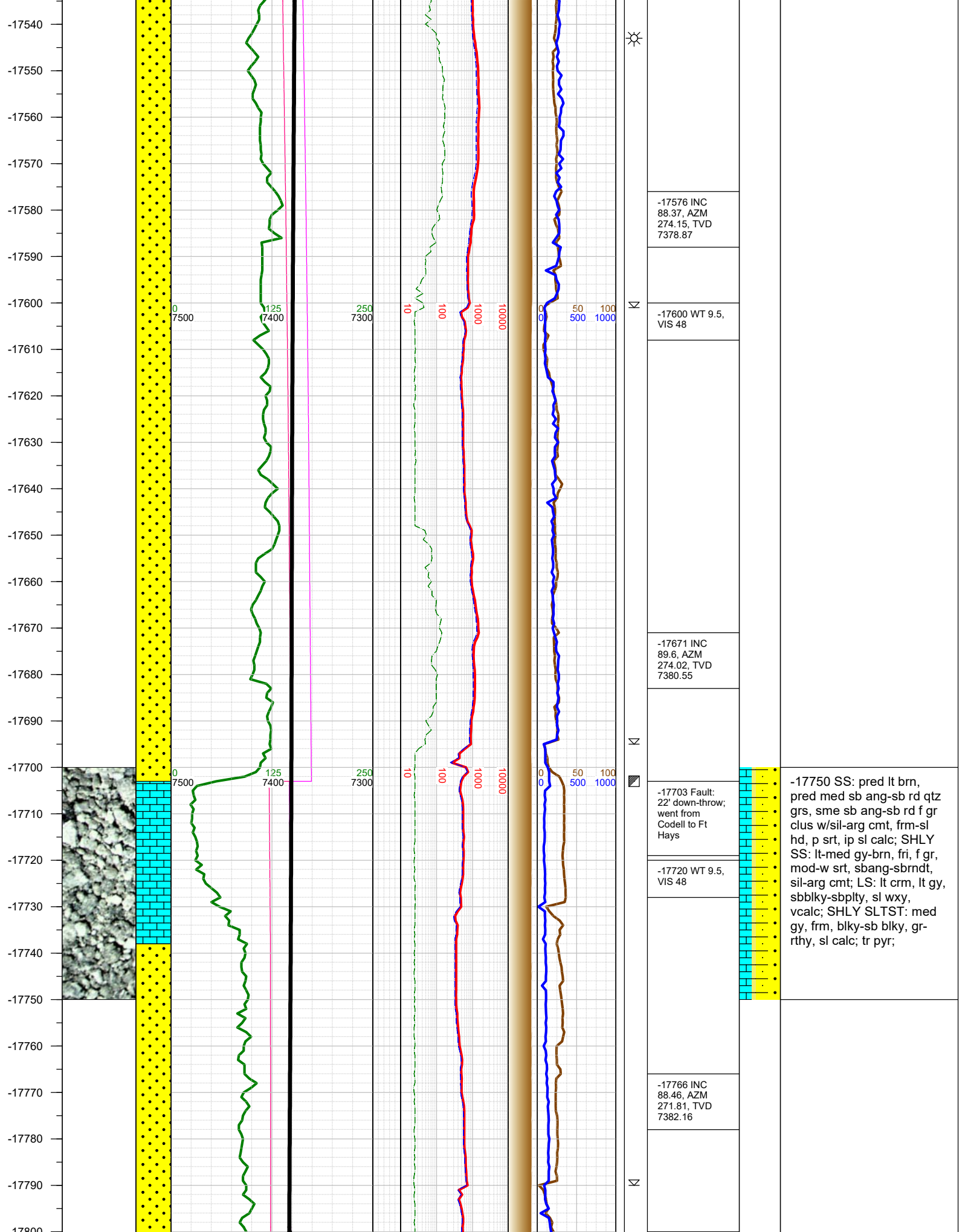




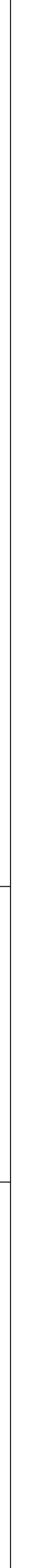
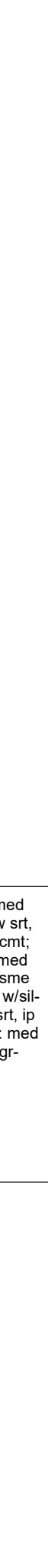
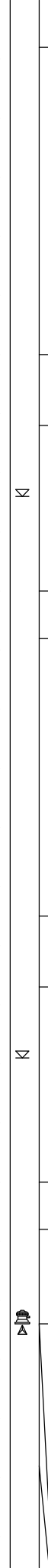
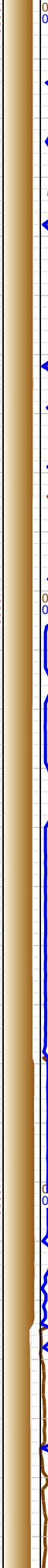
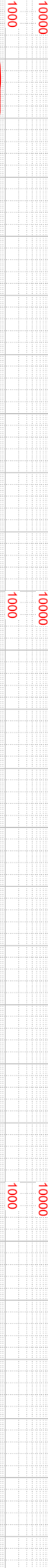
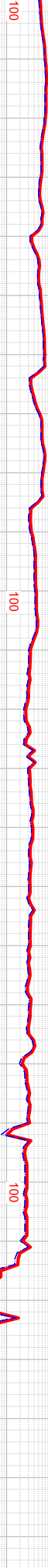
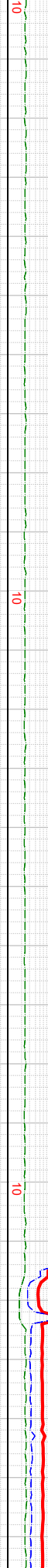
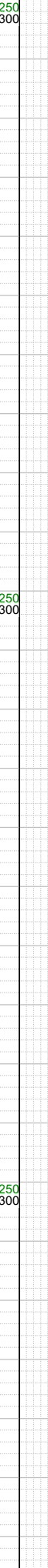
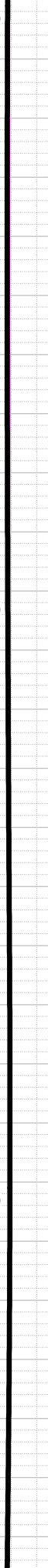
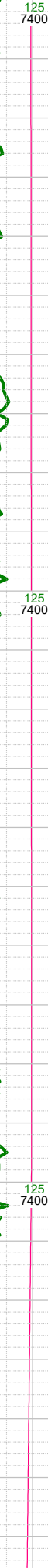
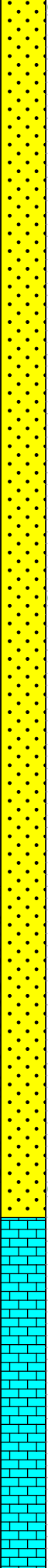
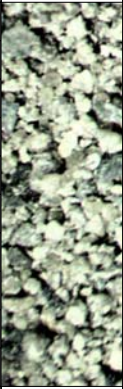
-17270
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N	-17292 INC 89.88, AZM 271.31, TVD 7371.79	
	-17310 WT 9.7, VIS 50	
	-17318 Fault: 25' down-throw; went from Codell to Ft Hays	
N	-17387 INC 88.37, AZM 273.99, TVD 7373.24	
	-17400 WT 9.5, VIS 50	
N	-17482 INC 88.22, AZM 274.11, TVD 7376.07	-17500 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, blk-sb blk, gr- rthy, sl calc; tr pyr;
	-17500 WT 9.6, VIS 50	



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-17800 WT 9.5,
VIS 48

-17860 INC
90.28, AZM
270.6, TVD
7383.19

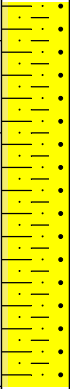
-17900 WT 9.5,
VIS 48

-17955 INC
91.69, AZM
271.54, TVD
7381.56

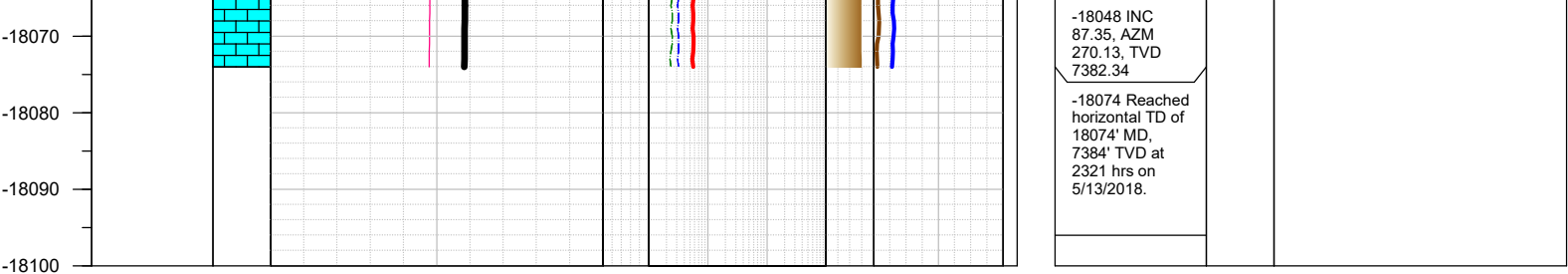
-18000 WT 9.5,
VIS 48

-18024 TOOH
for low ROP at
1710 hrs on
5/12/2018.
Resumed
drilling at 2245
hrs on
5/13/2018; Bit
#2 - BHI
ATD505X, 5x15,
8.5"

-18024 0000 hrs
on 5/13/2018



-18000 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, blkyl-sb blkyl, gr-
rthy, sl calc; tr pyr;



TOTAL DEPTH = 18074'

Thank you for using Earth Science Agency