

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

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

FIELD NAME: DJ Basin - Wattenberg

DRILLING RIG: True 38

API #: 05-123-43597

LAT/LONG: 40.548454, -104.791358
SURFACE HOLE: SWNW S28-T7N-R66W, 1706' FNL, 405' FWL
BOTTOM HOLE: S30-T7N-R66W, 985' FNL, 470' FWL

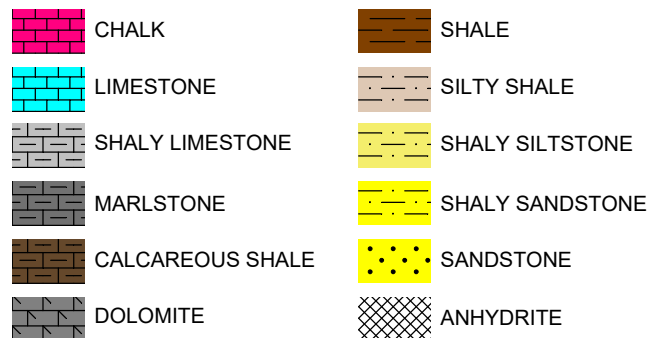


Earth Science Agency, LLC

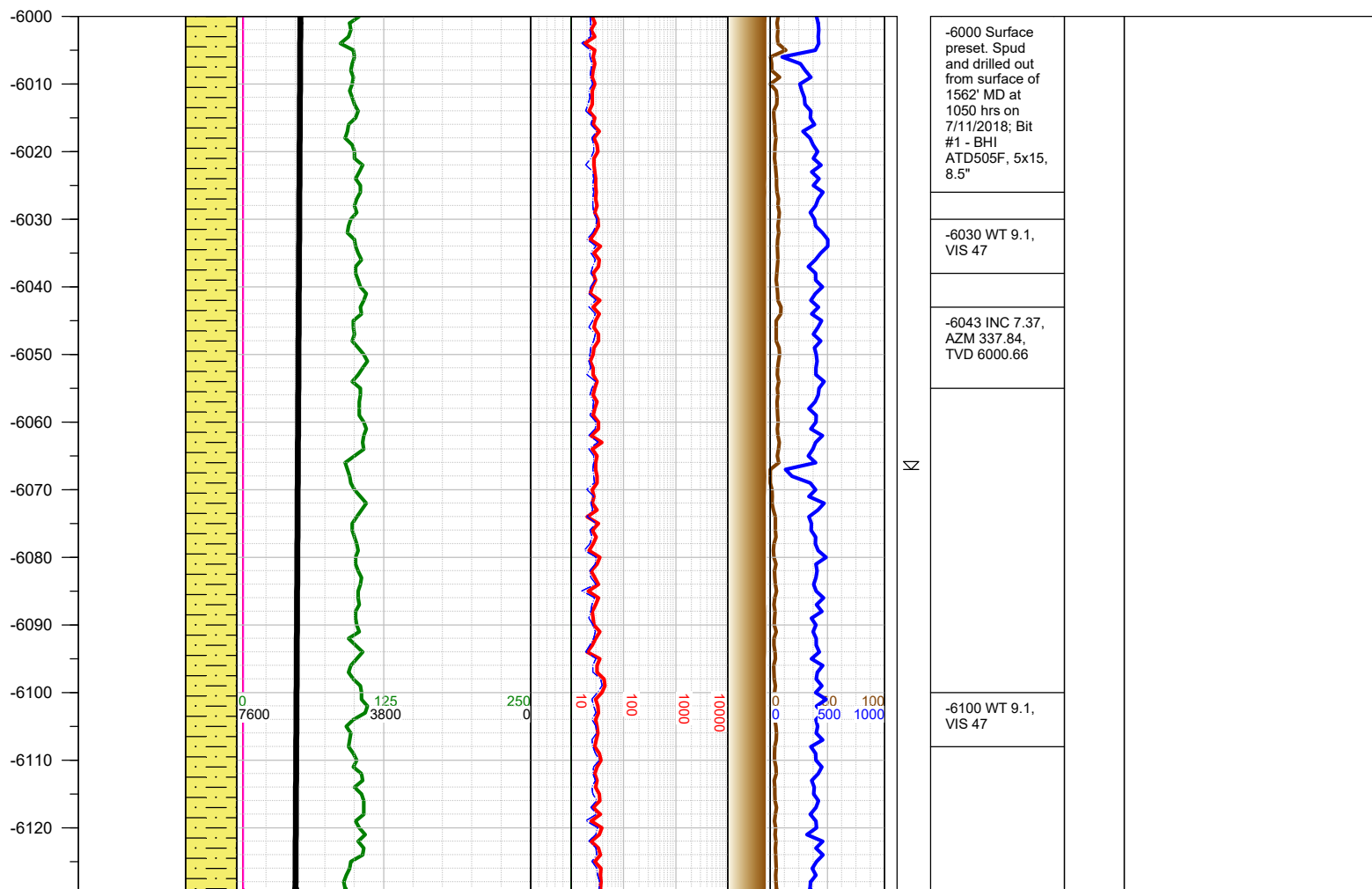
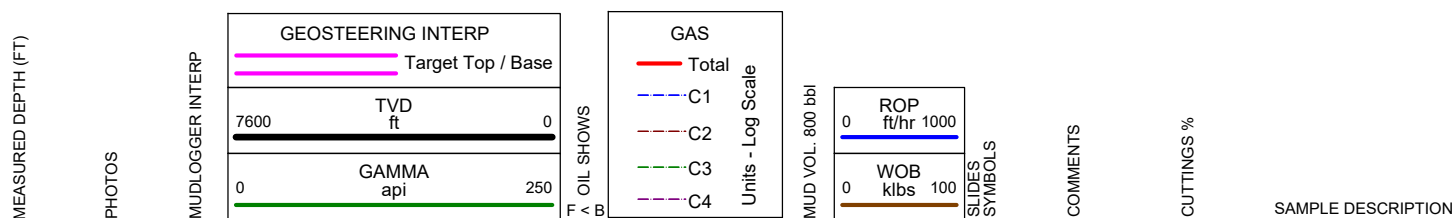
COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 4909'
KELLY BUSHING: 4934'
DRILLING FLUID: OBM
TVD VS. MD: 7399' / 17785'
SPUD DATE: July 11, 2018
TD DATE: July 16, 2018

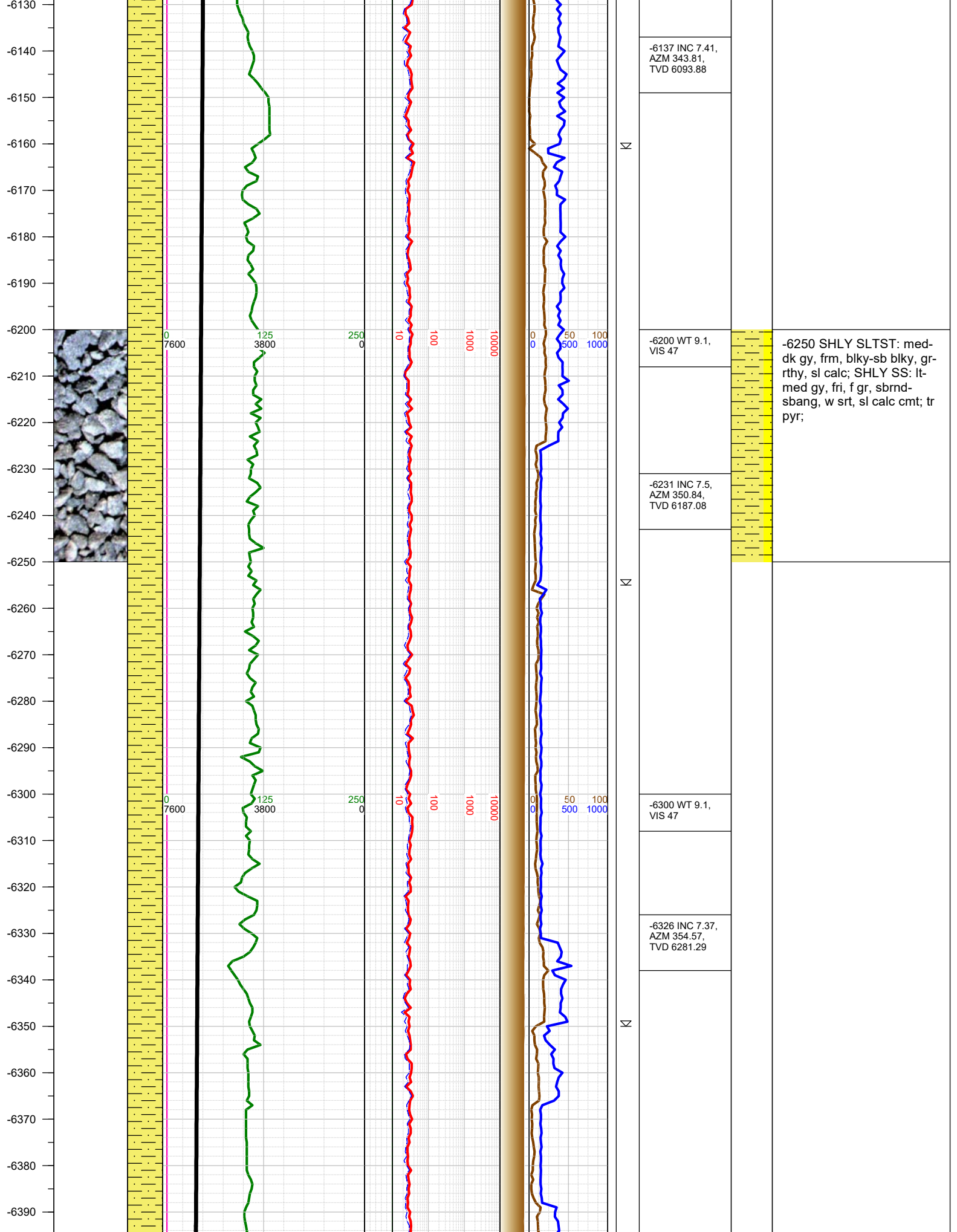
DEPTHS LOGGED: 6000' - 17785'
DATES LOGGED: July 11, 2018 - July 16, 2018
GEOLOGISTS: Kyle Welty, Curtis Magnino
SCALE: 5" = 100'

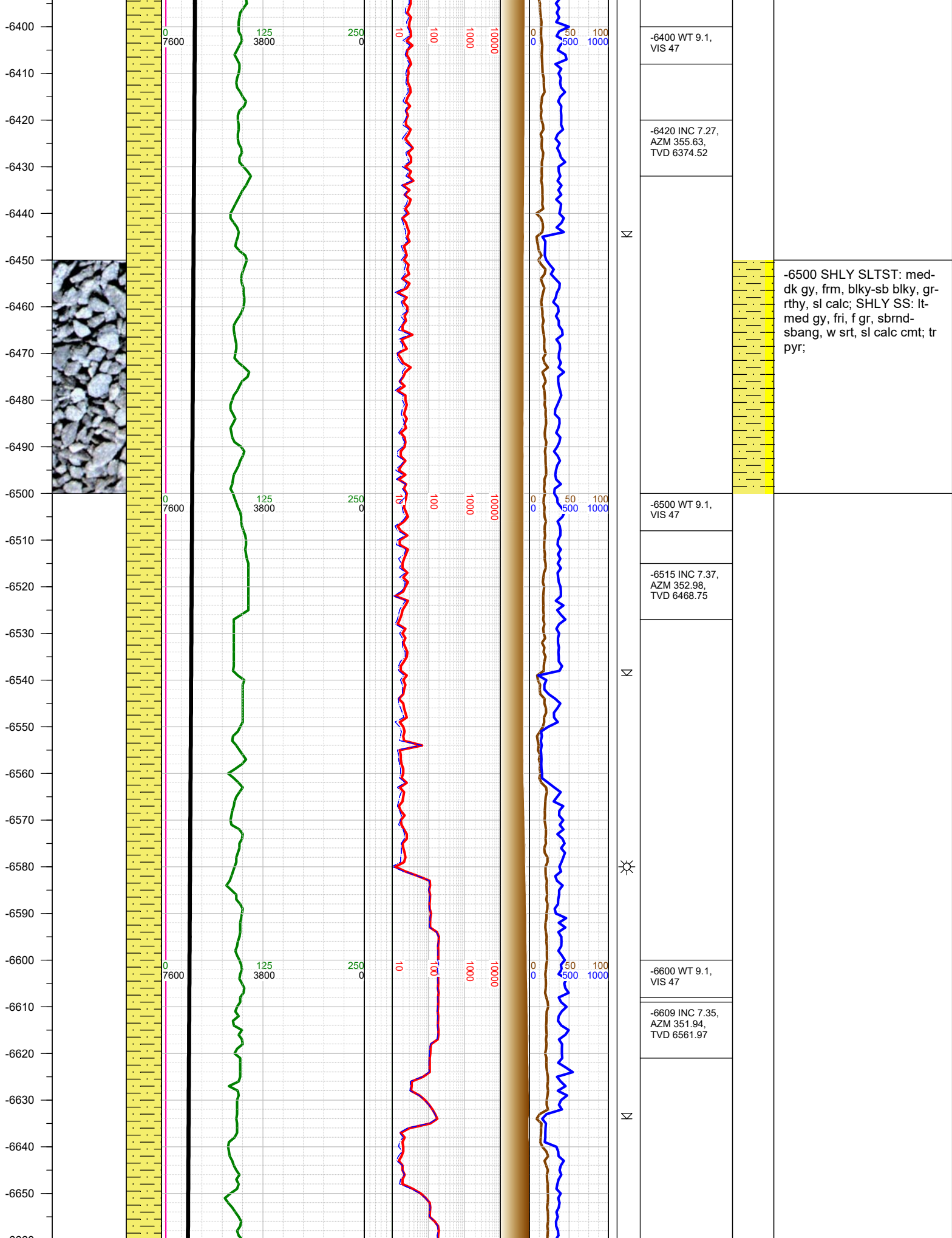
LEGEND

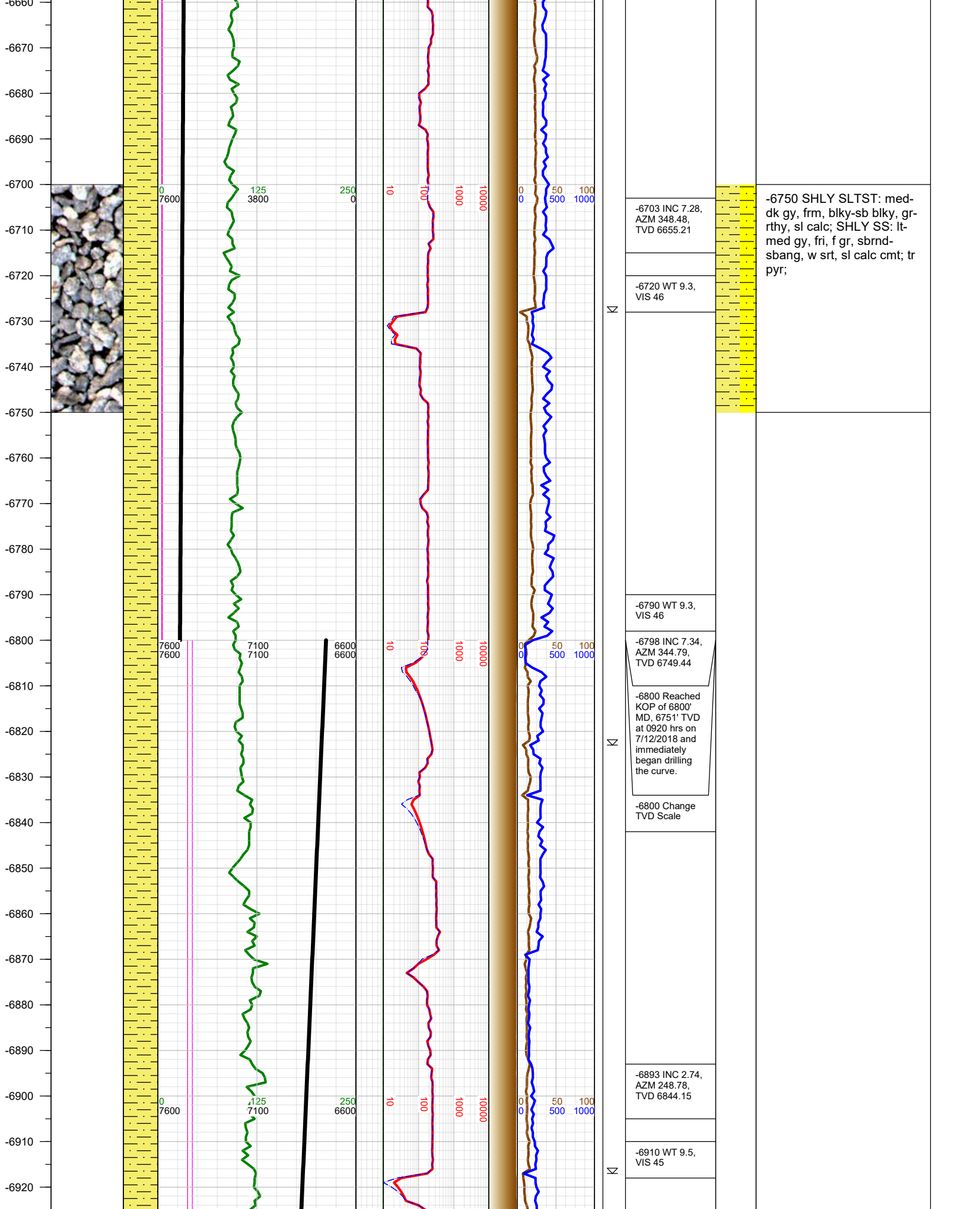


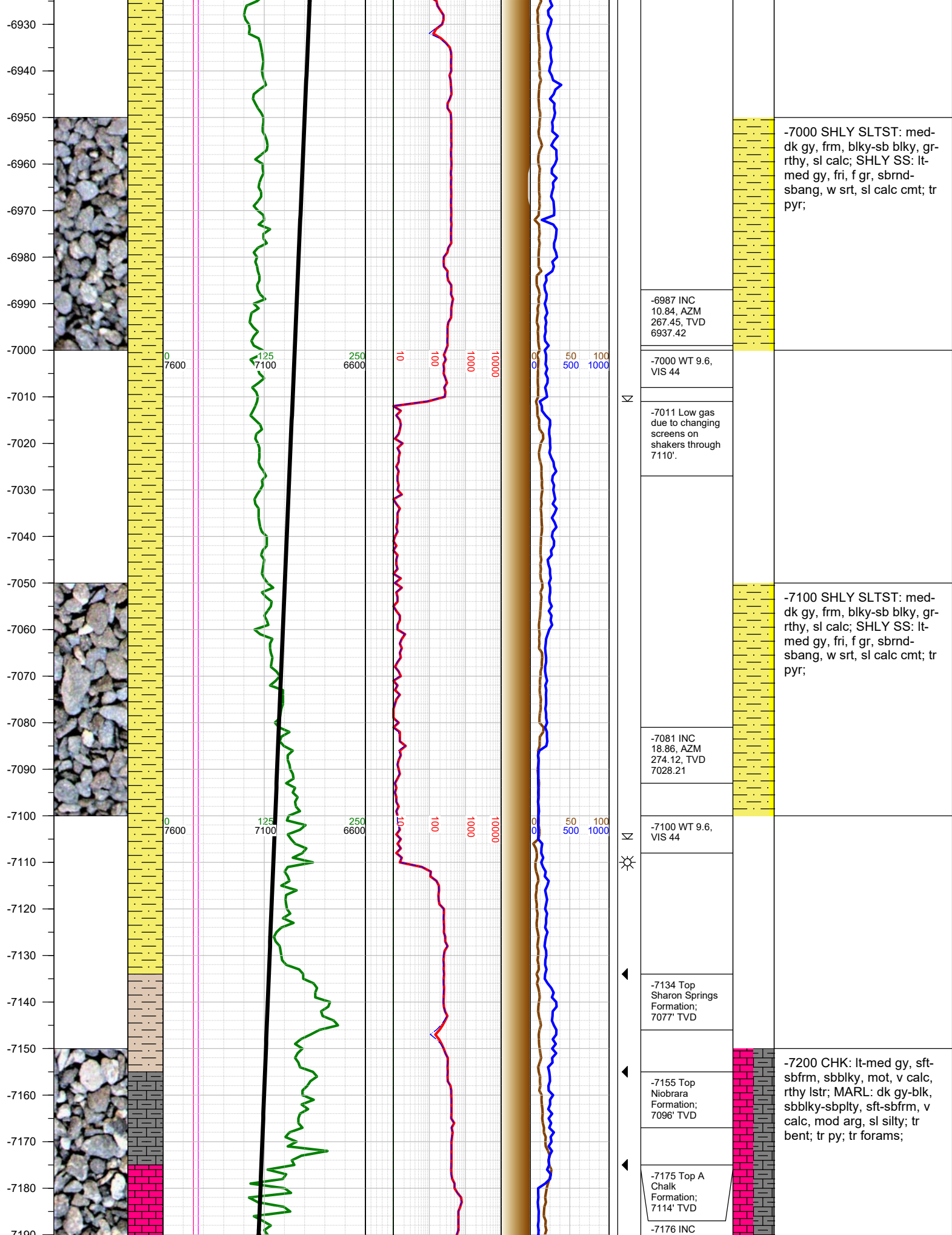
FORMATION \approx CONNECTION Δ MIDNIGHT NEW BIT GAS SHOW FAULT

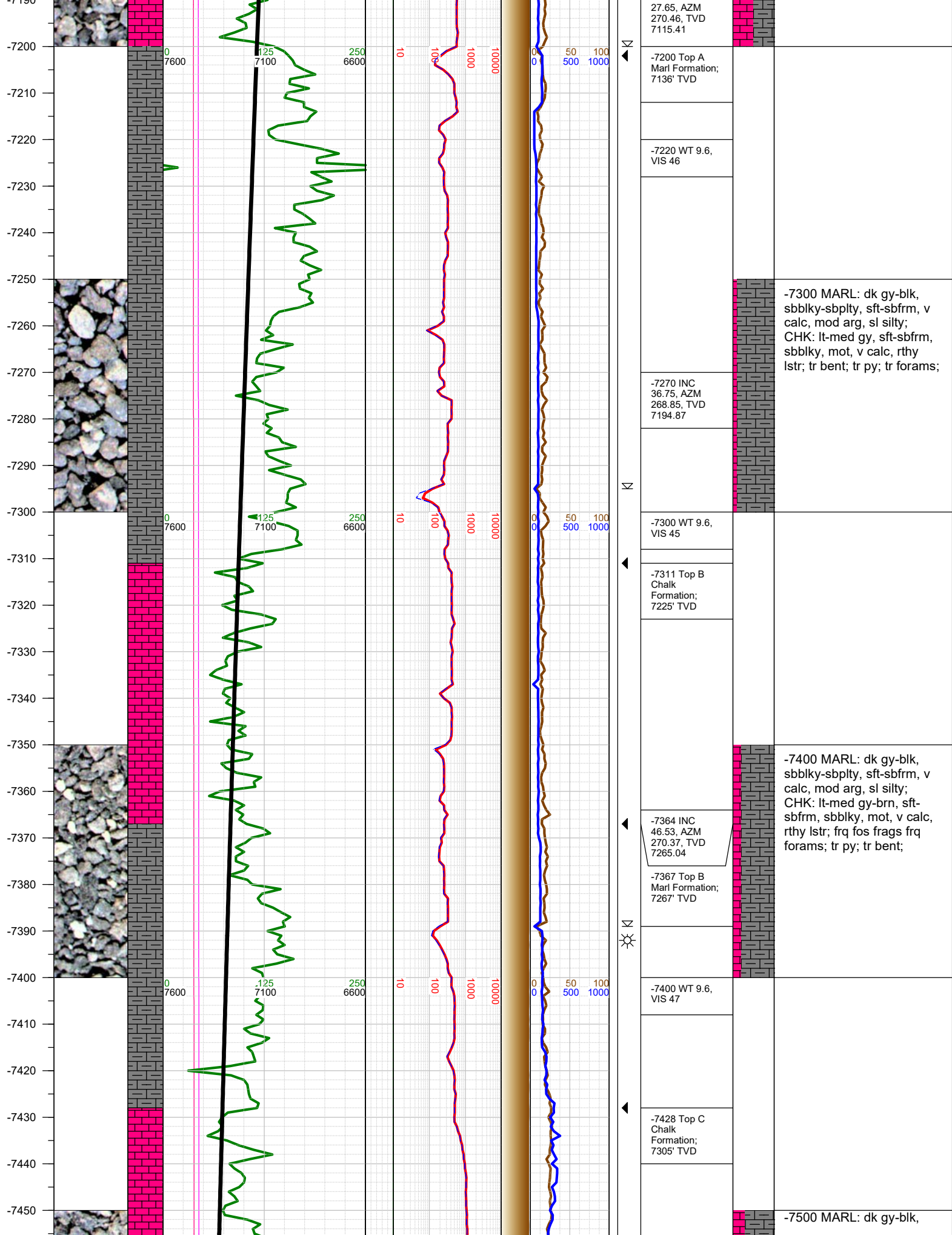


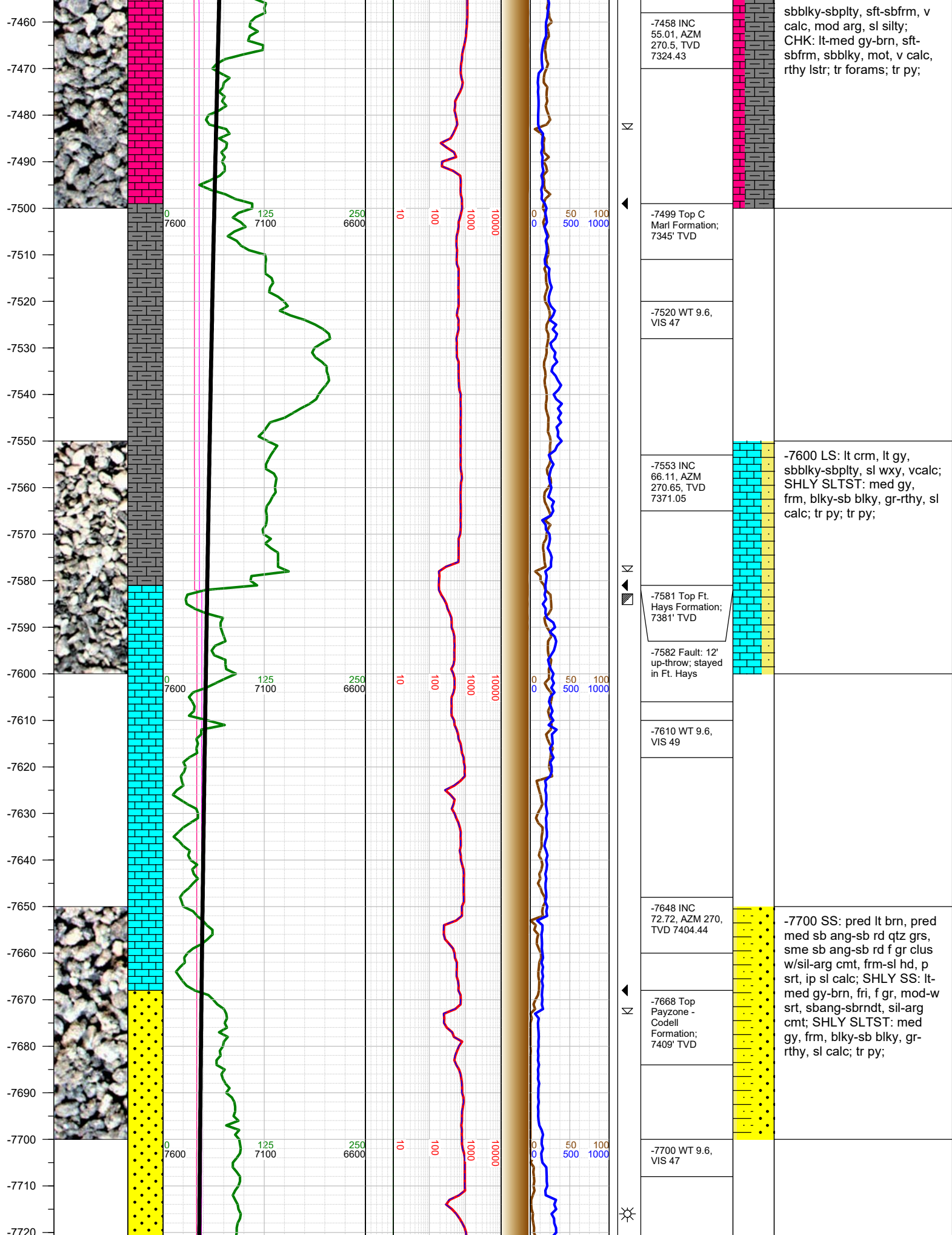


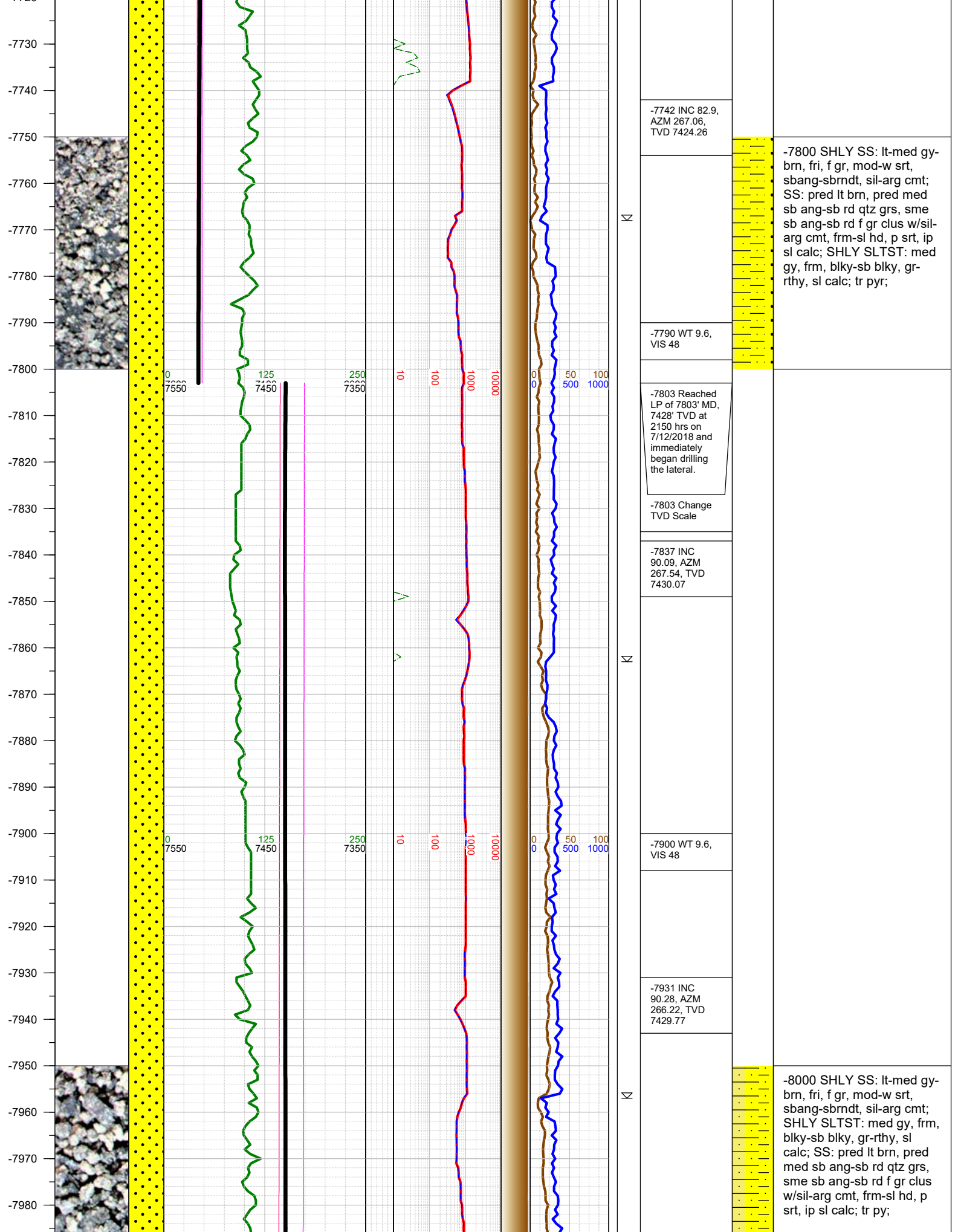


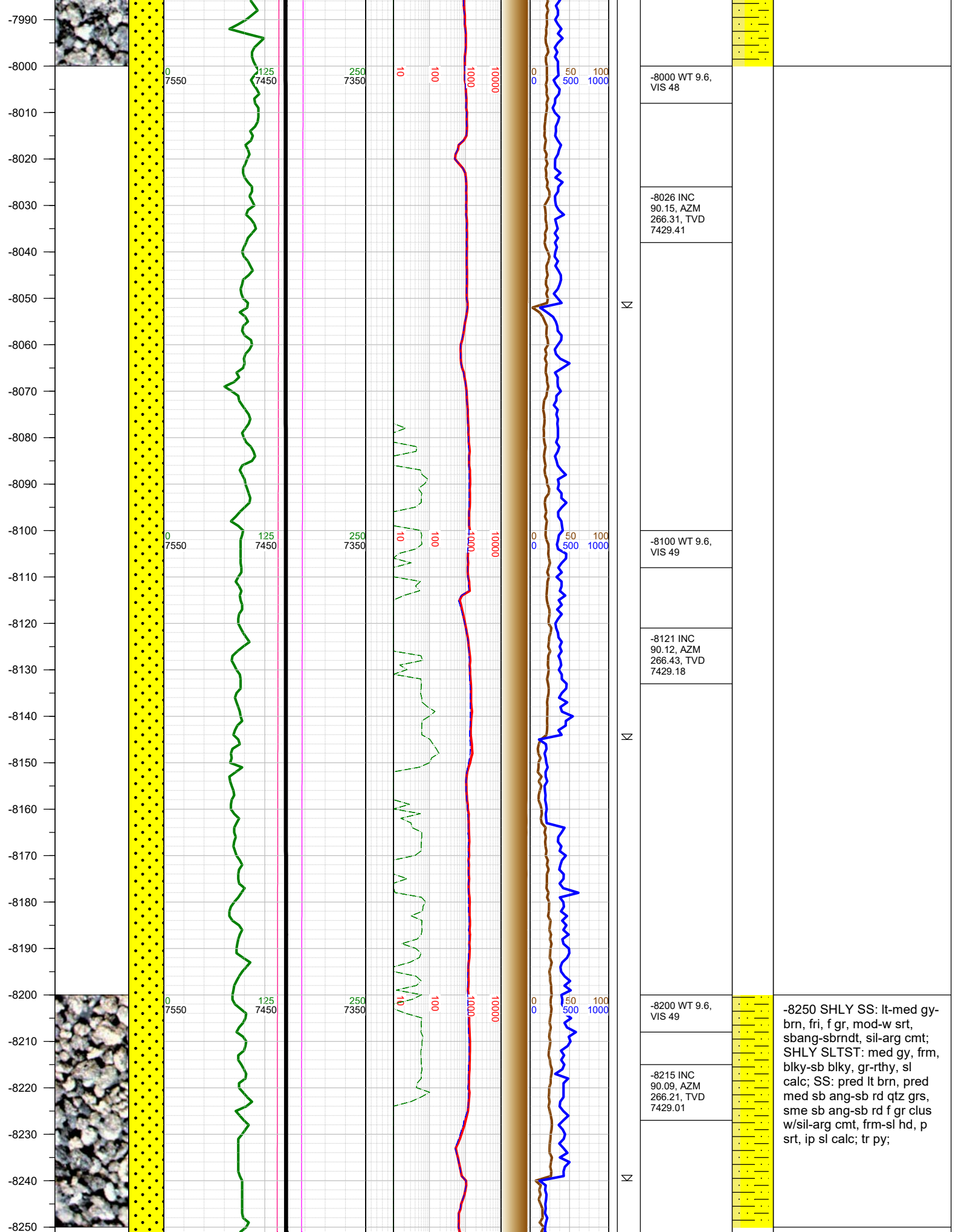


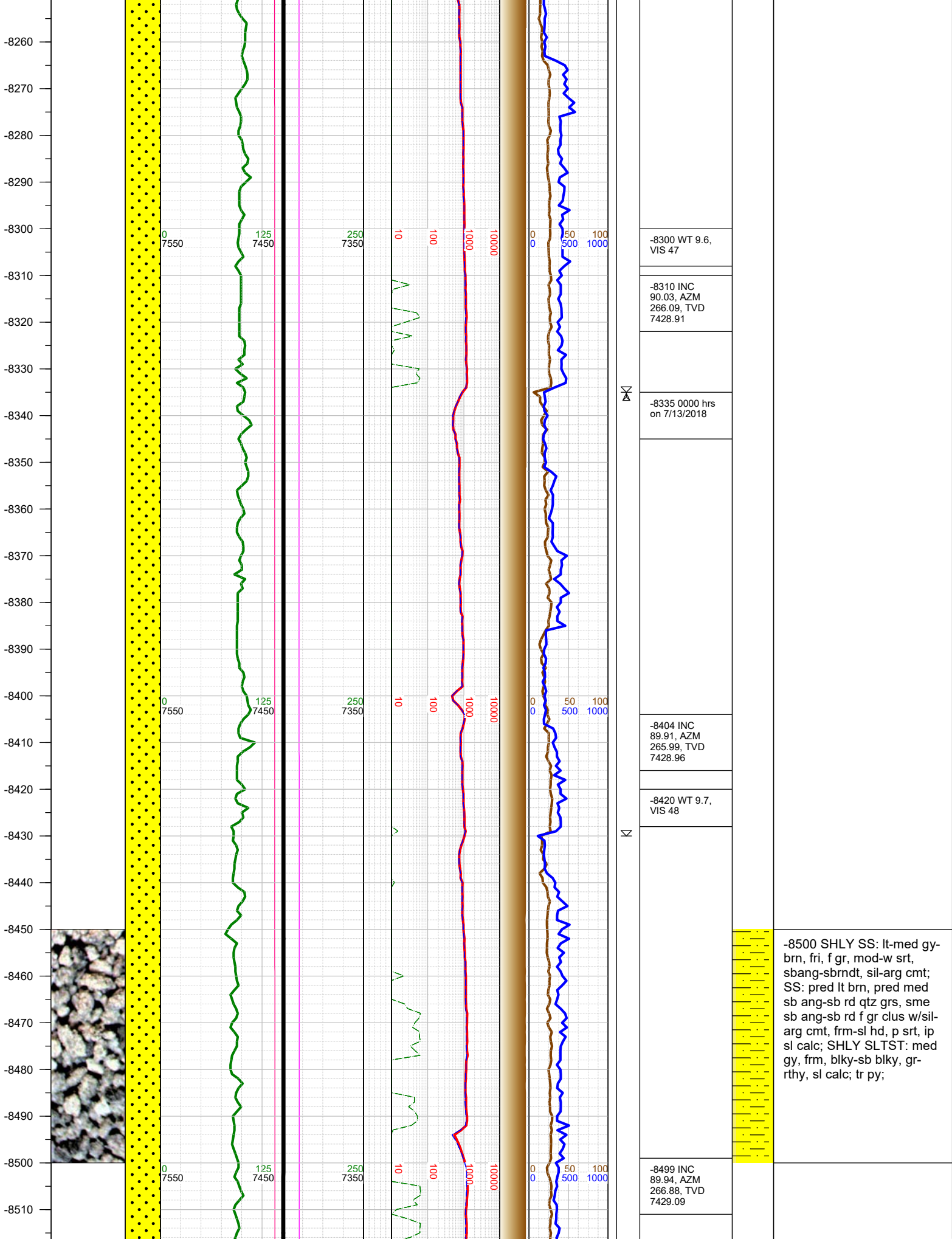




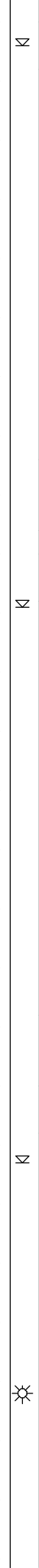
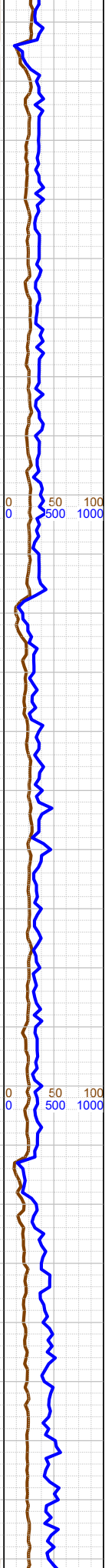
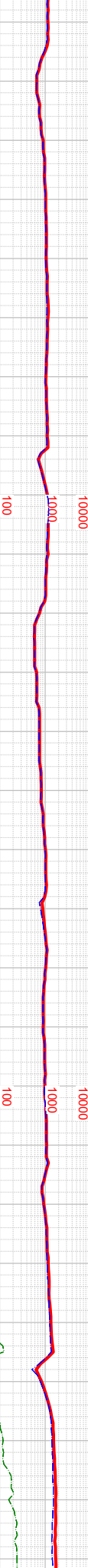
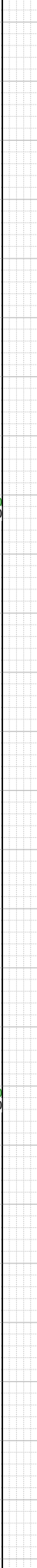
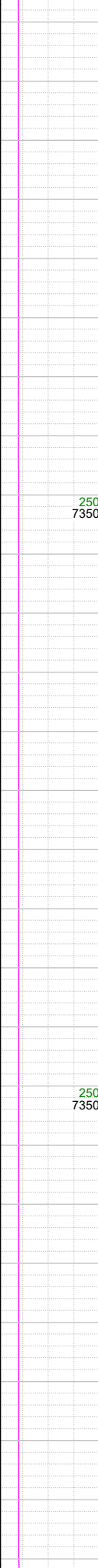
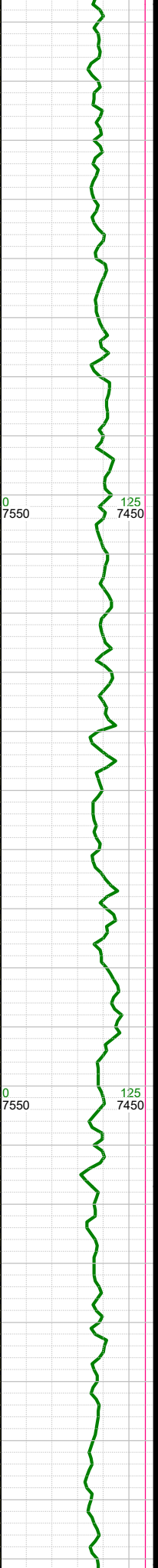
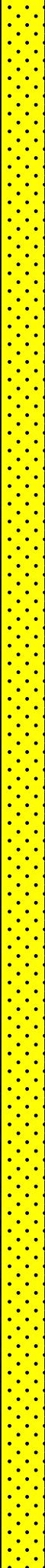




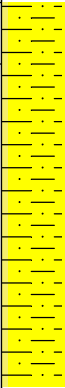




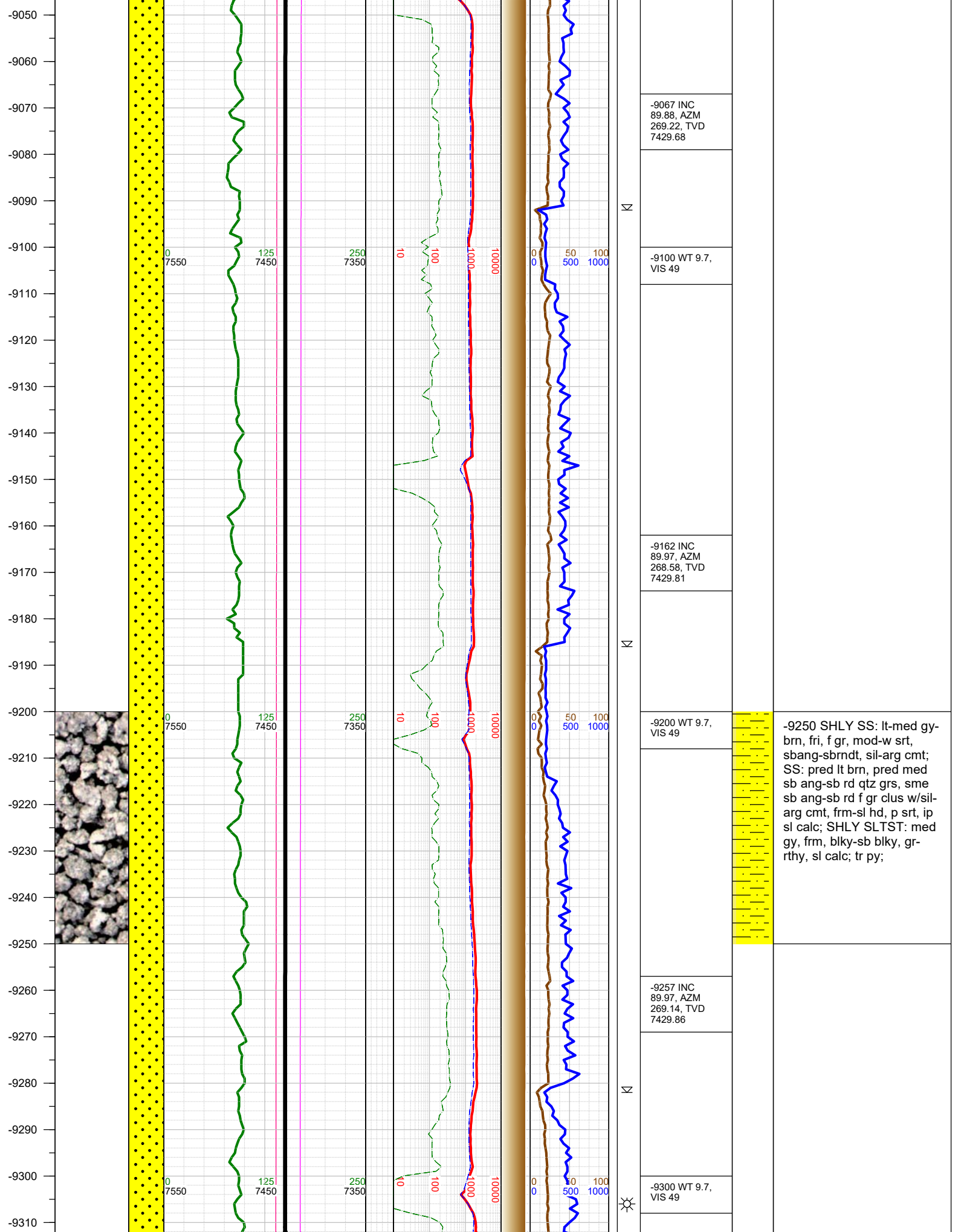
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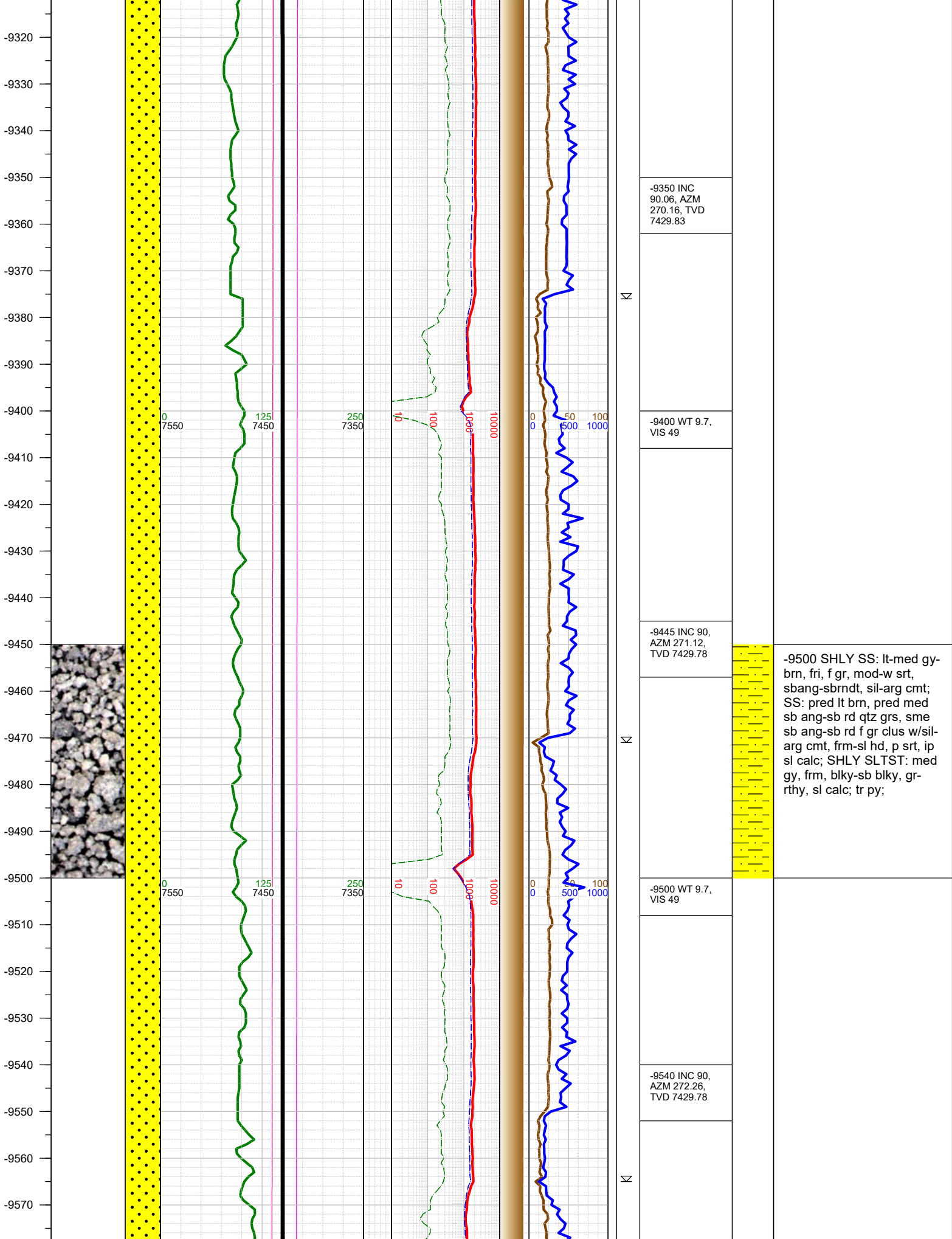


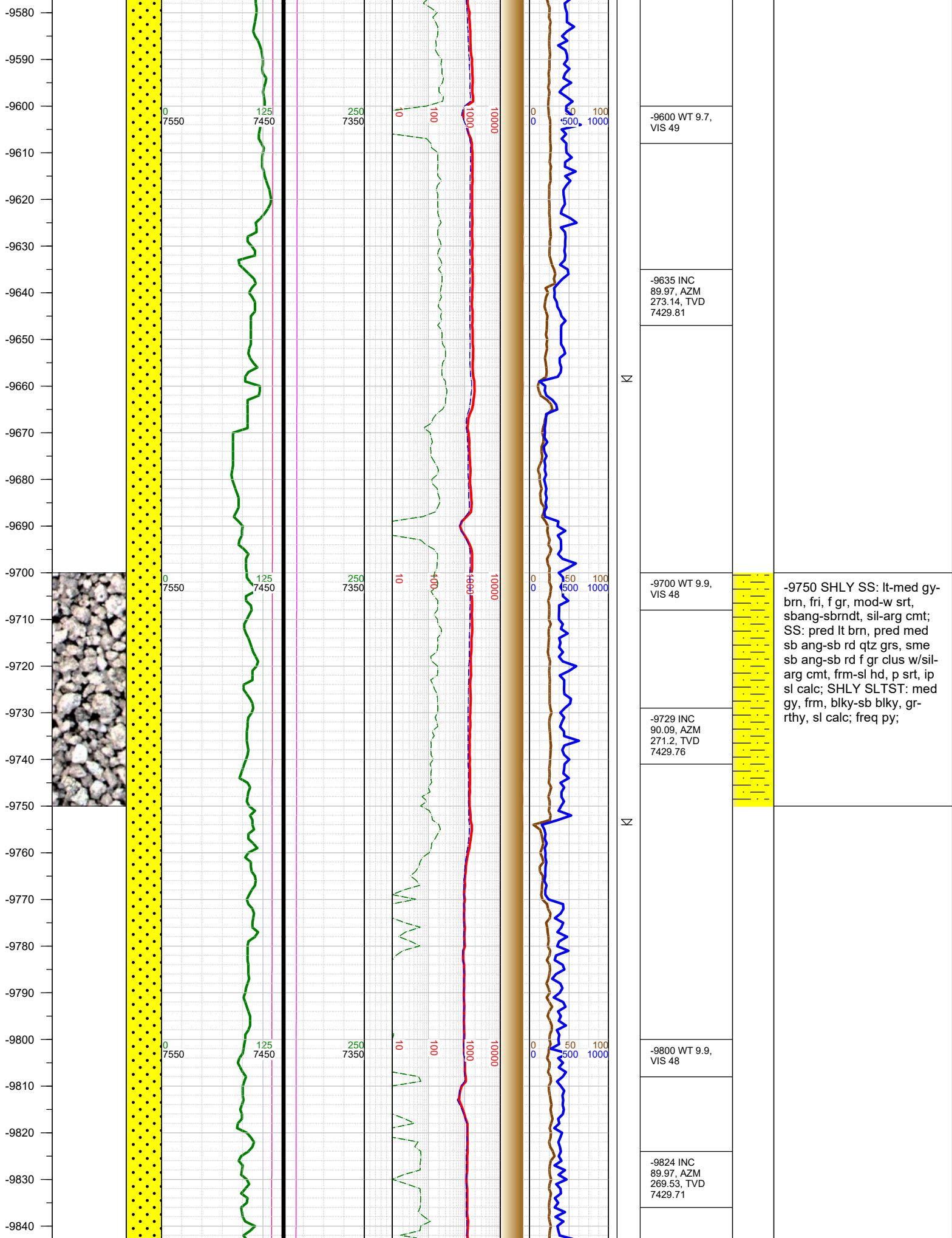
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	-8594 INC 90, AZM 267.77, TVD 7429.14
	-8610 WT 9.7, VIS 49
N	-8688 INC 90, AZM 268.96, TVD 7429.14
	-8700 WT 9.7, VIS 49

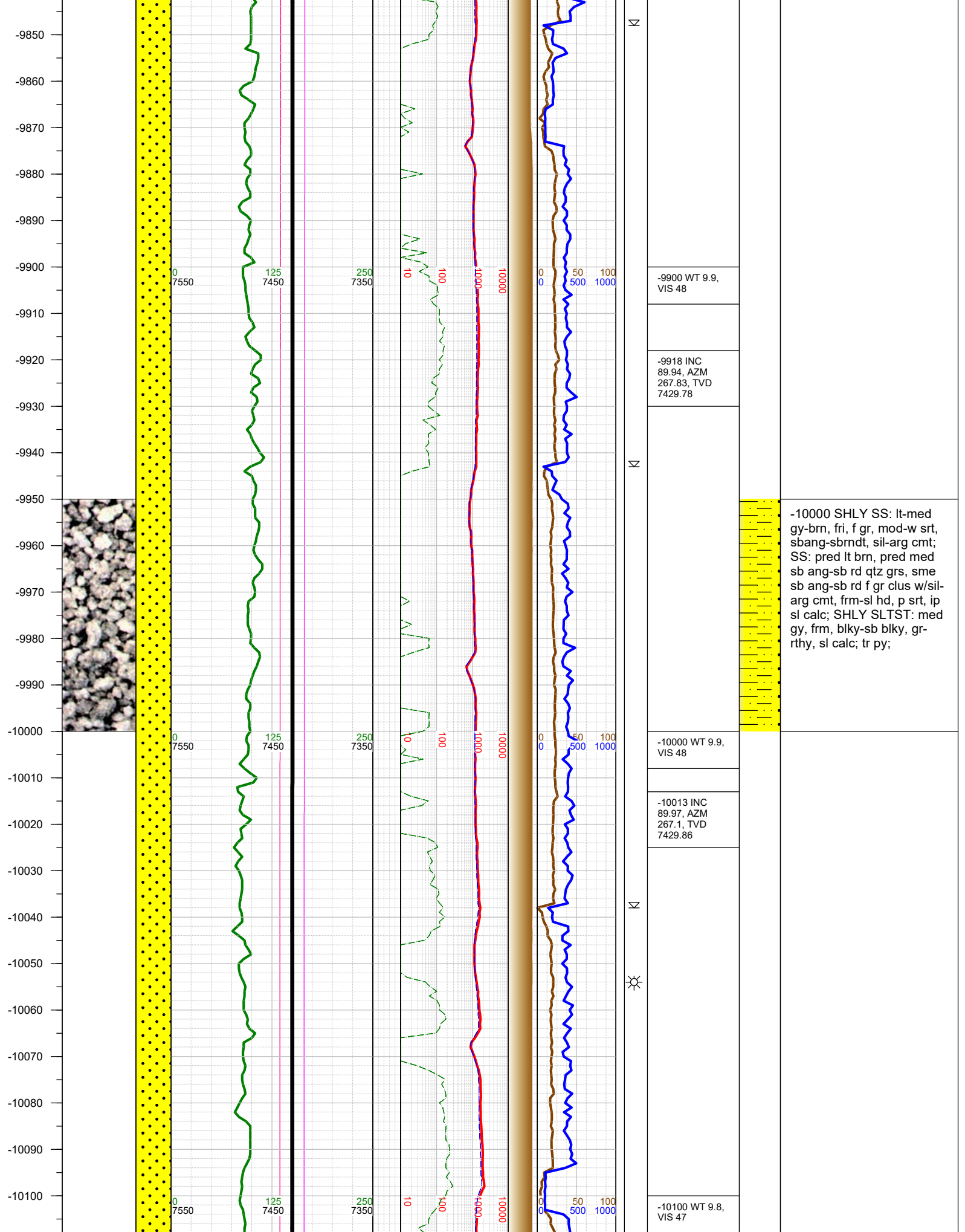


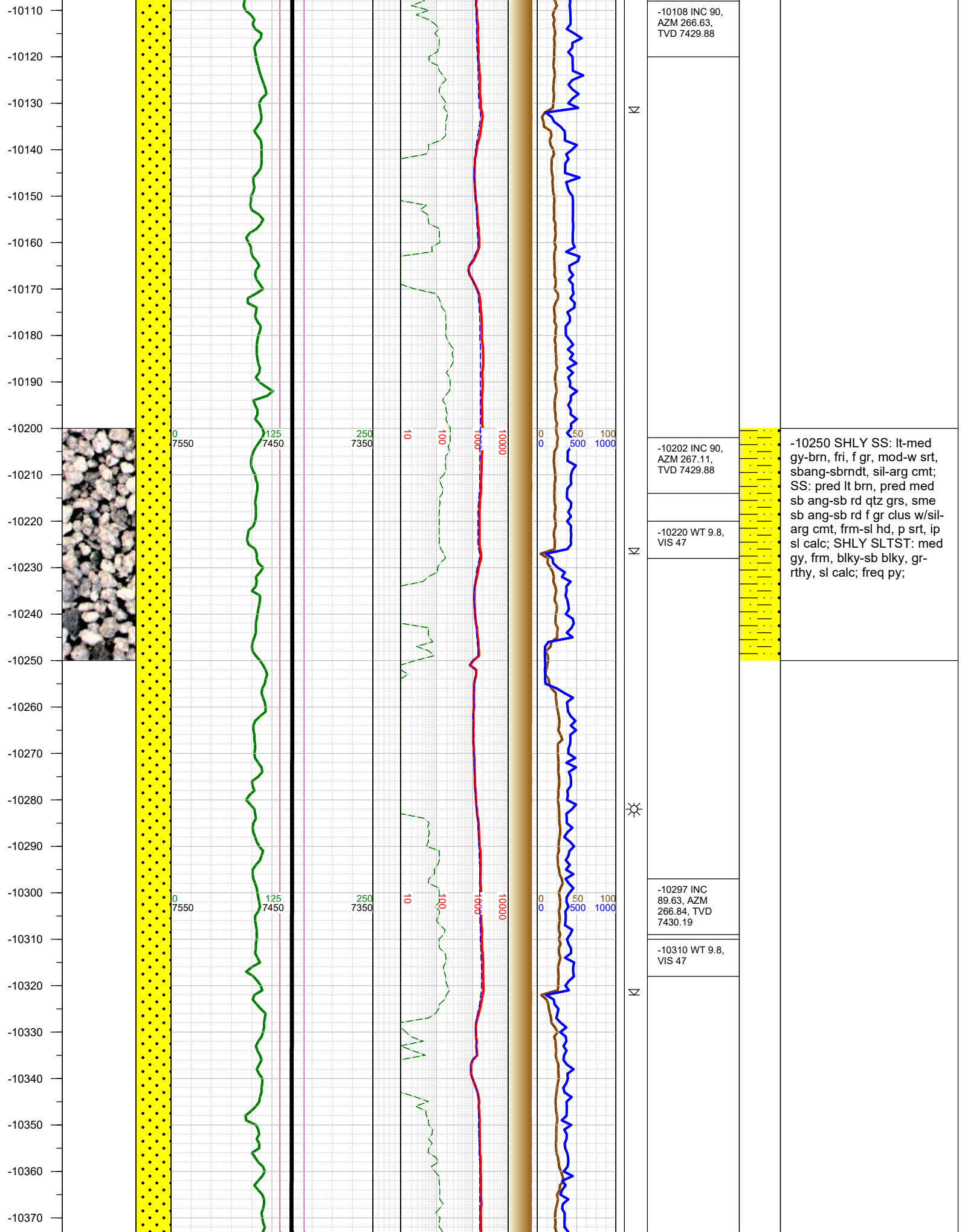
-8750 SHLY SS: lt-med gy-brn, fri, f gr, mod-w srt, sbang-sbrndt, sil-arg cmt; SS: pred lt brn, pred med sb ang-sb rd qtz grs, sme sb ang-sb rd f gr clus w/sil-arg cmt, frm-sl hd, p srt, ip sl calc; SHLY SLTST: med gy, frm, blk-sb blk, gr-rthy, sl calc; tr py;

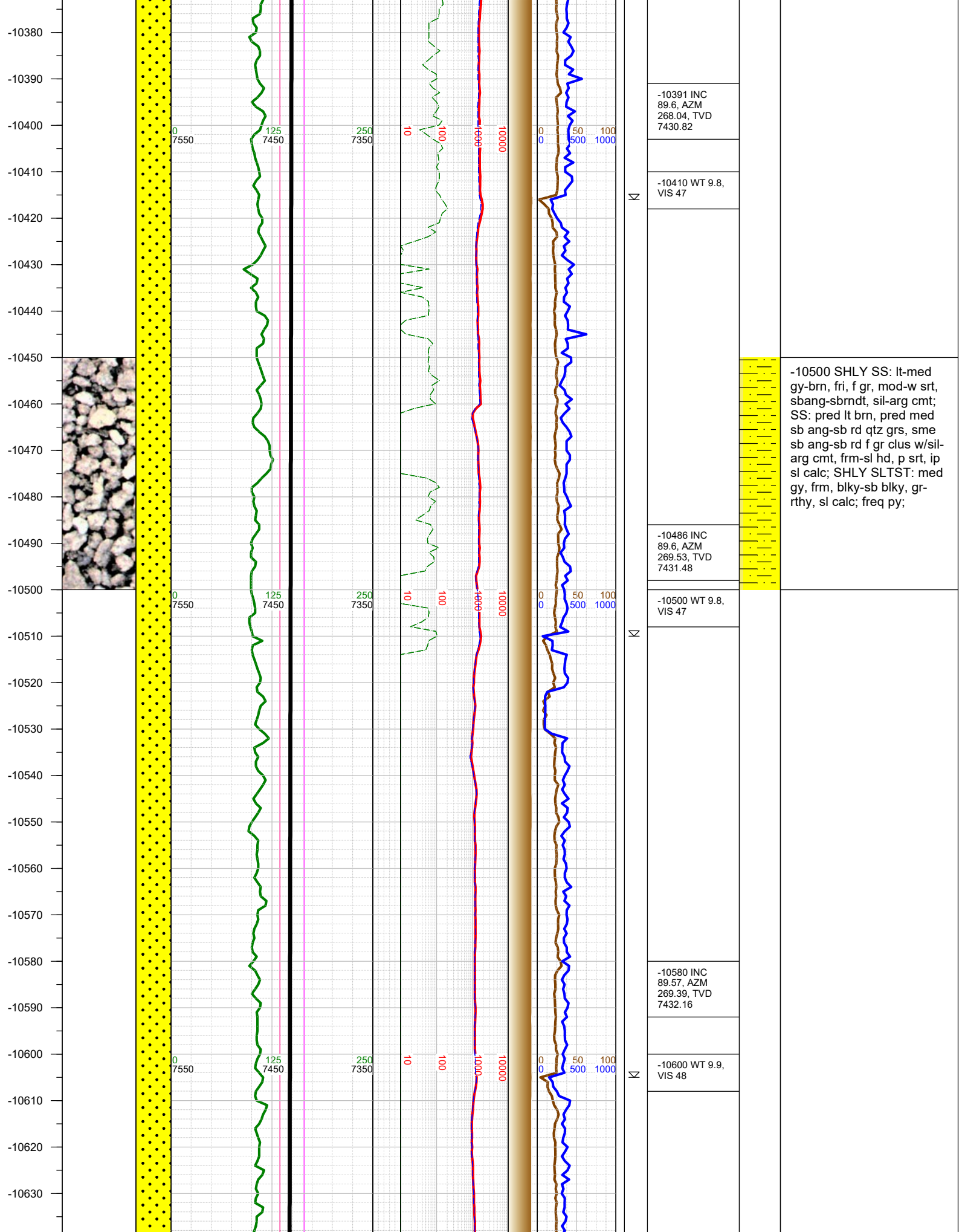


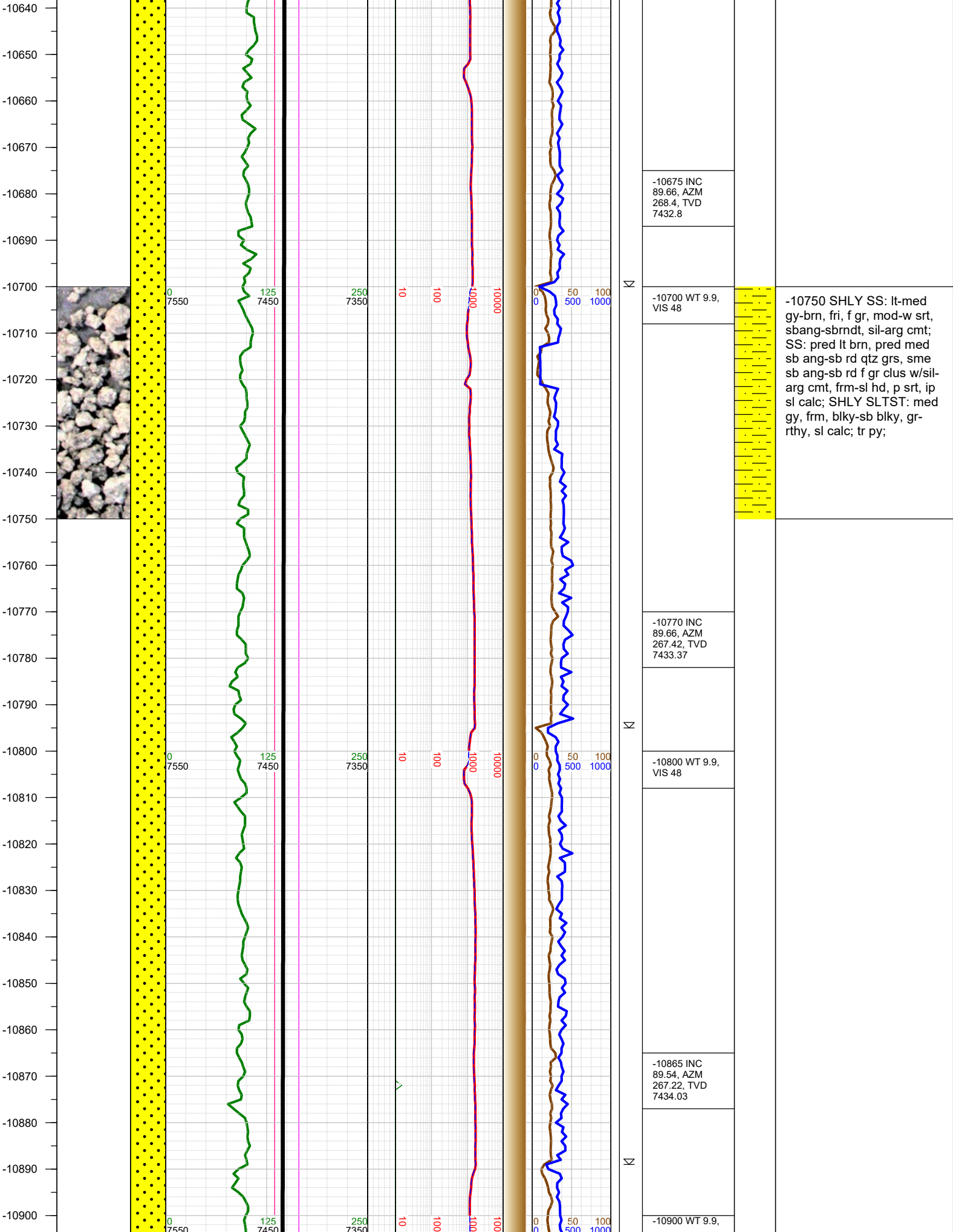


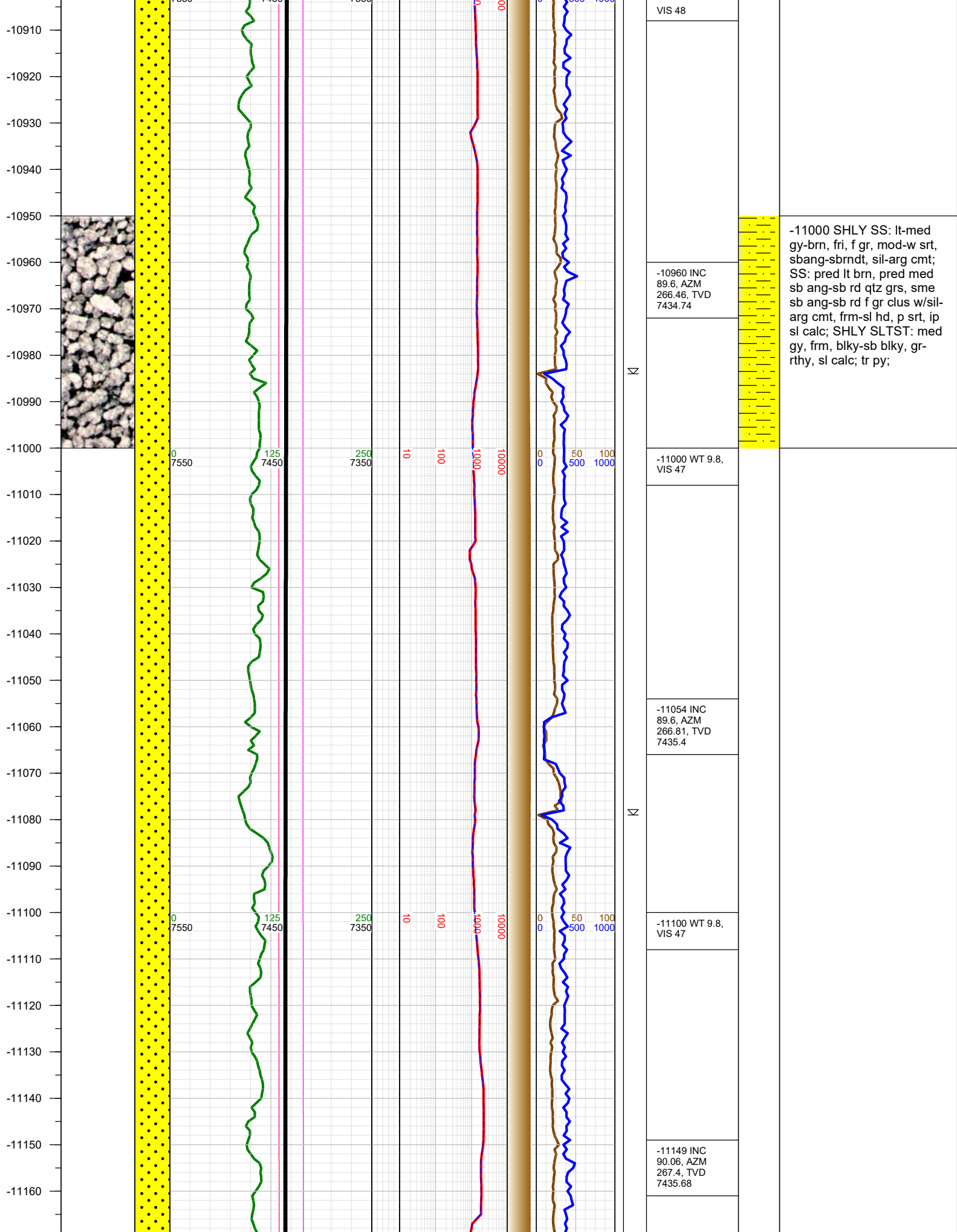


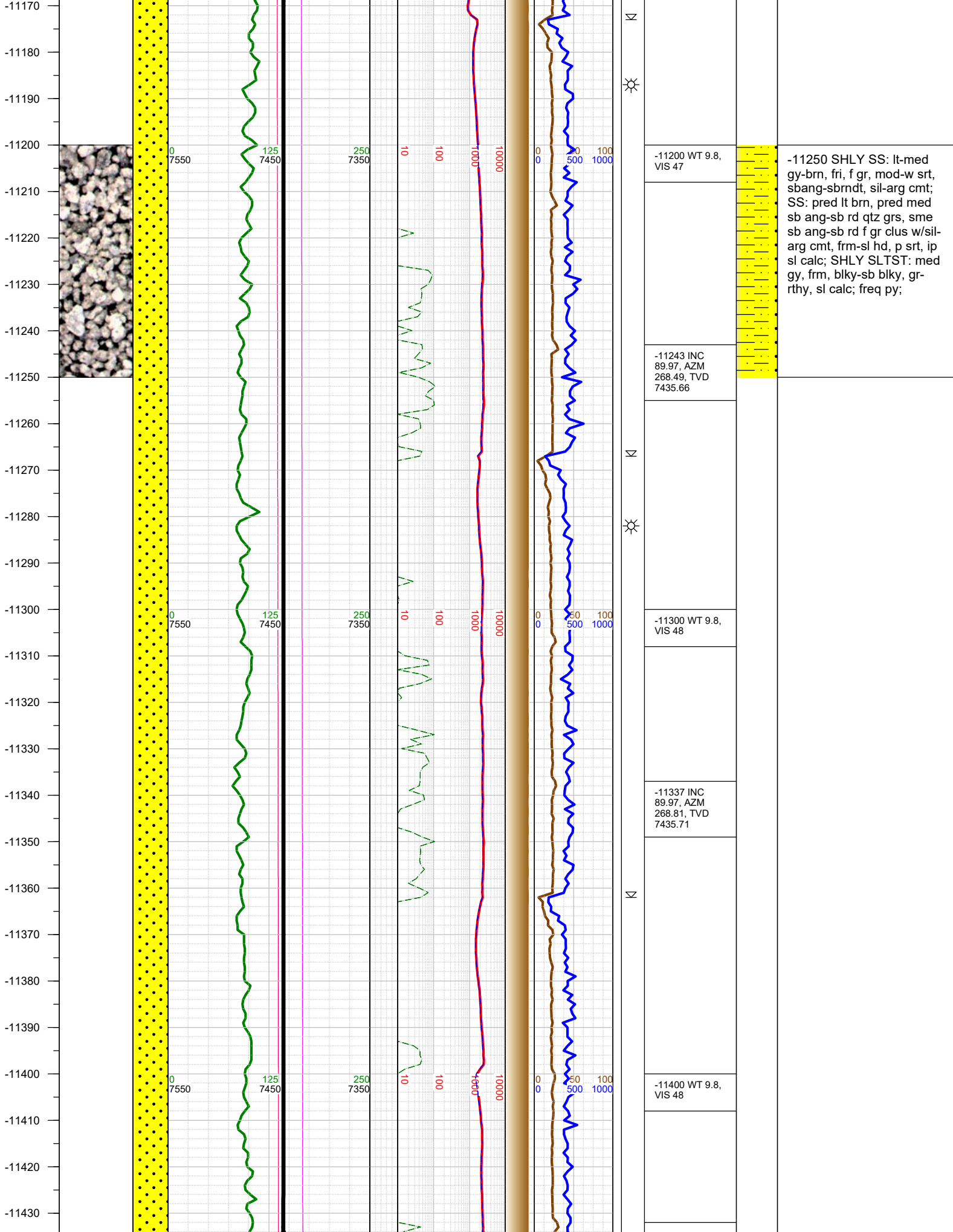




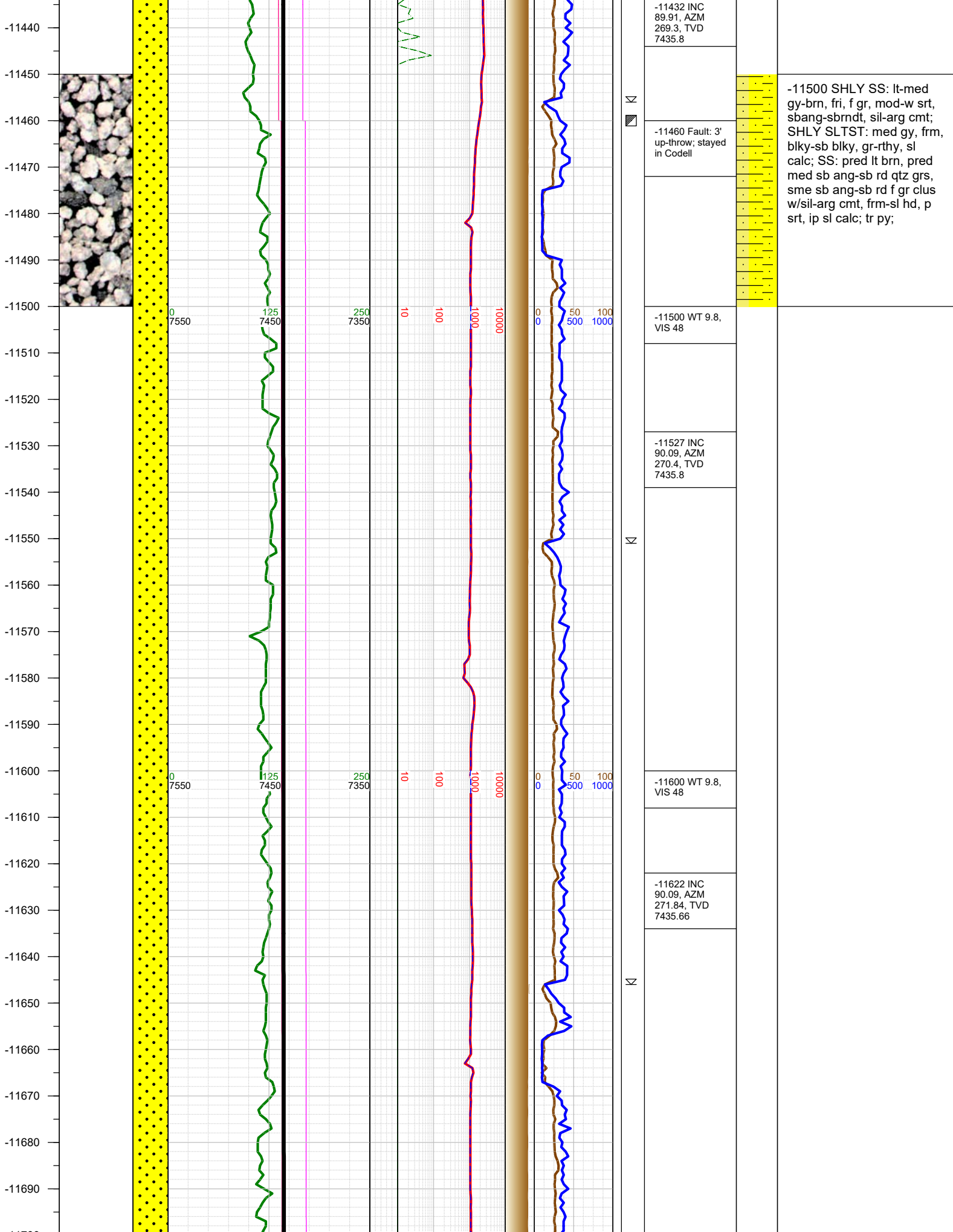




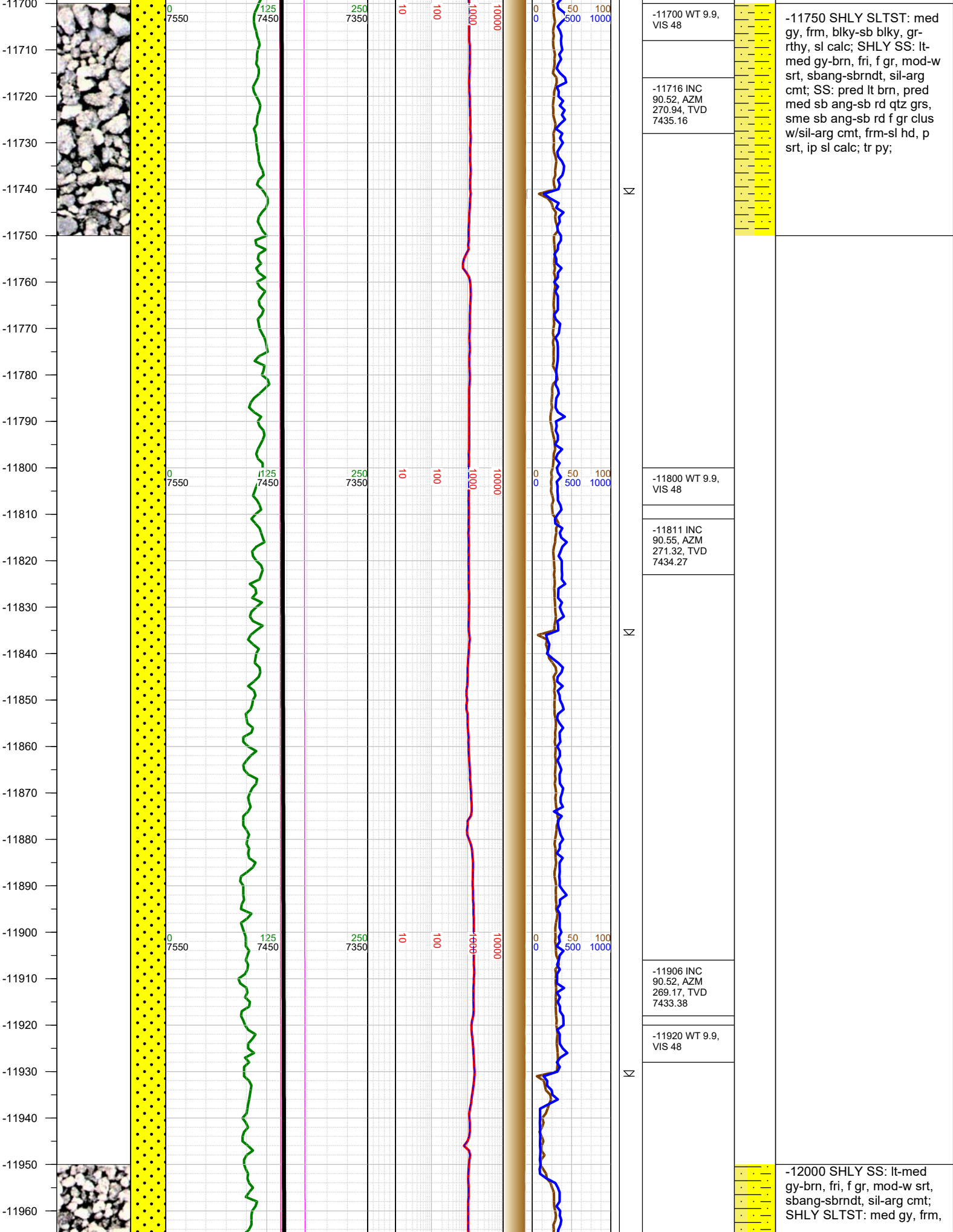


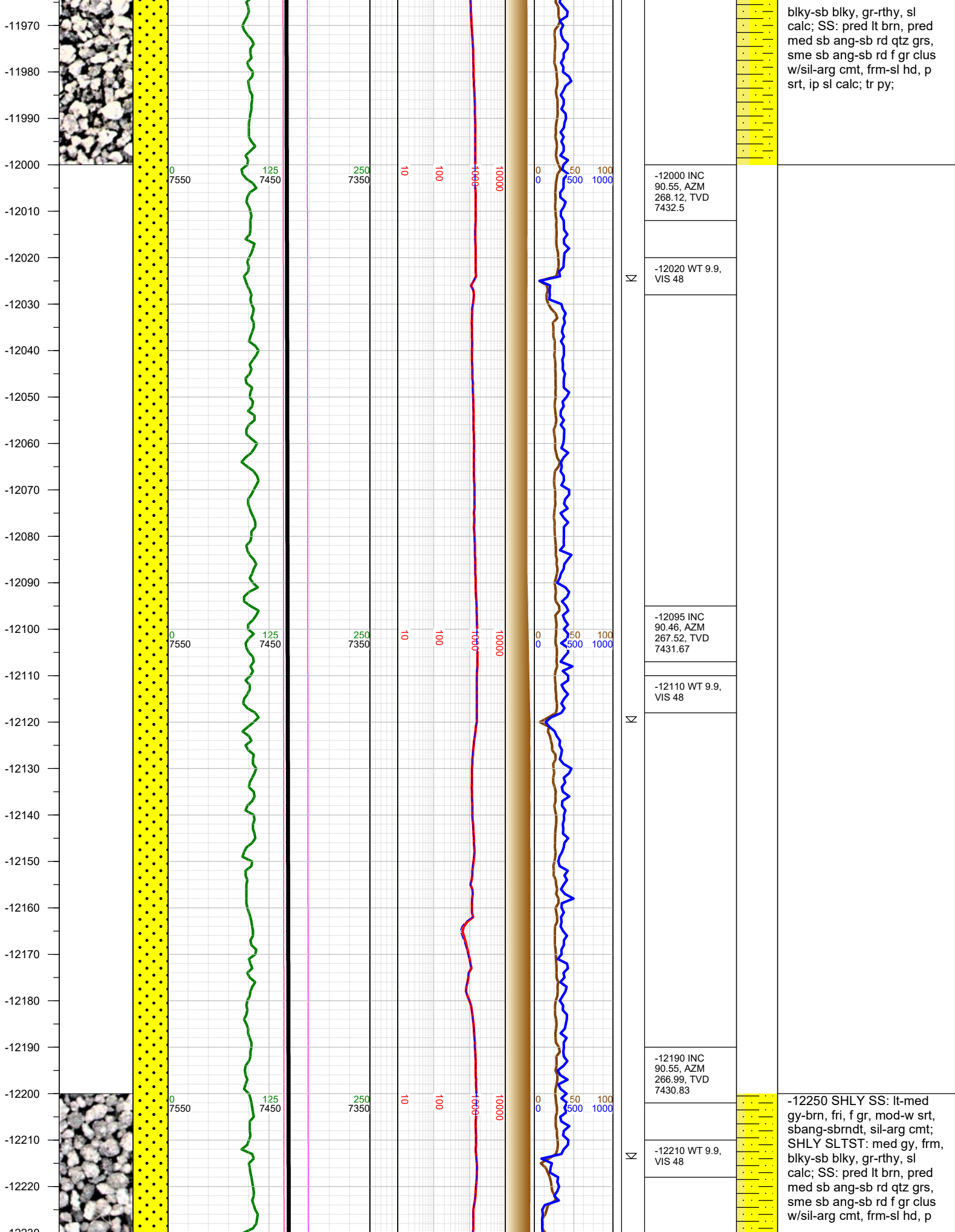


-11250 SHLY SS: lt-med gy-brn, fri, f gr, mod-w srt, sbang-sbrndt, sil-arg cmt; SS: pred lt brn, pred med sb ang-sb rd qtz grs, sme sb ang-sb rd f gr clus w/sil-arg cmt, frm-sl hd, p srt, ip sl calc; SHLY SLTST: med gy, frm, blkly-sb blkly, gr-rthy, sl calc; freq py;



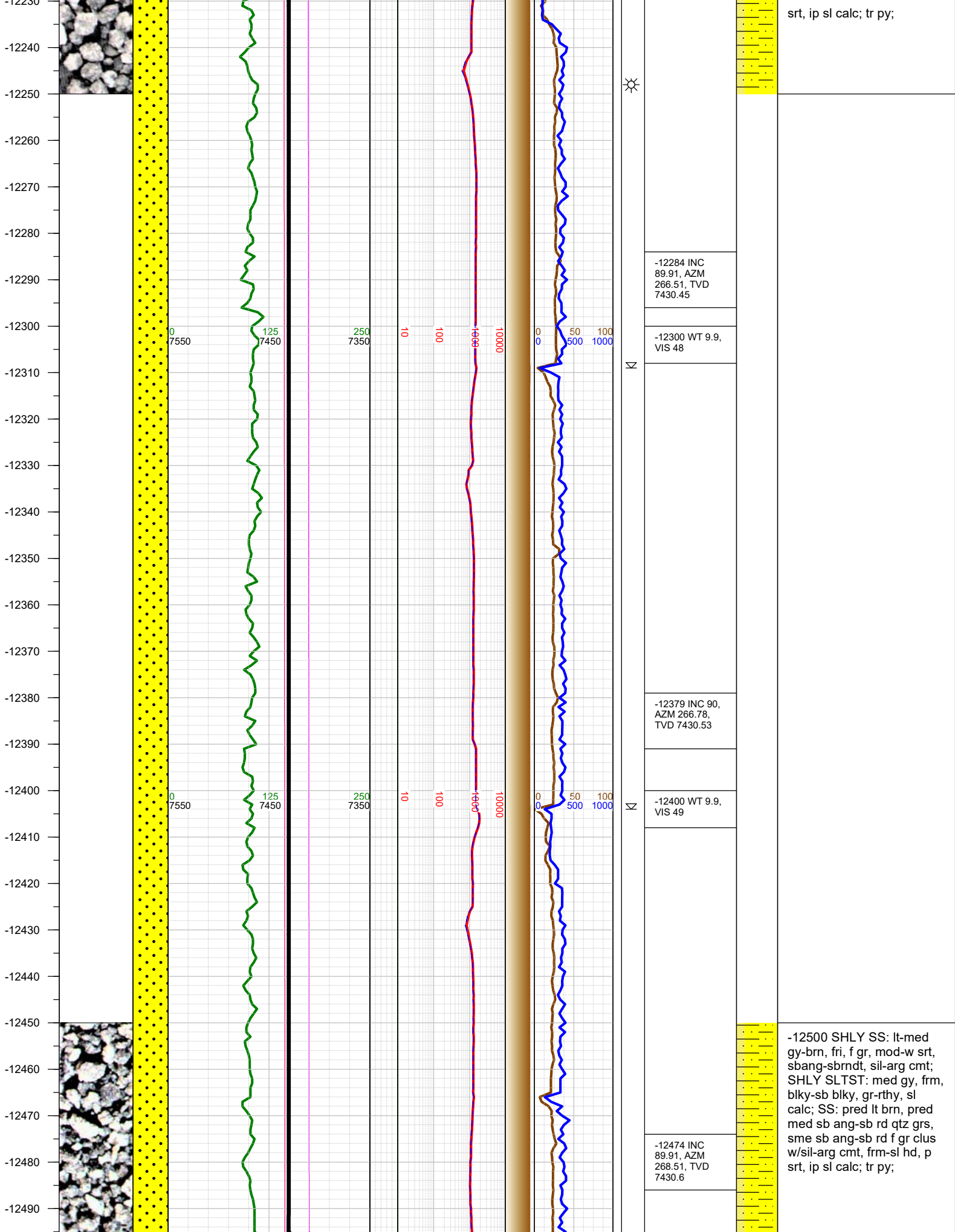
-11500 SHLY SS: lt-med gy-brn, fri, f gr, mod-w srt, sbang-sbrndt, sil-arg cmt; SHLY SLTST: med gy, frm, blkly-sb blkly, gr-rthy, sl calc; SS: pred lt brn, pred med sb ang-sb rd qtz grs, sme sb ang-sb rd f gr clus w/sil-arg cmt, frm-sl hd, p srt, ip sl calc; tr py;

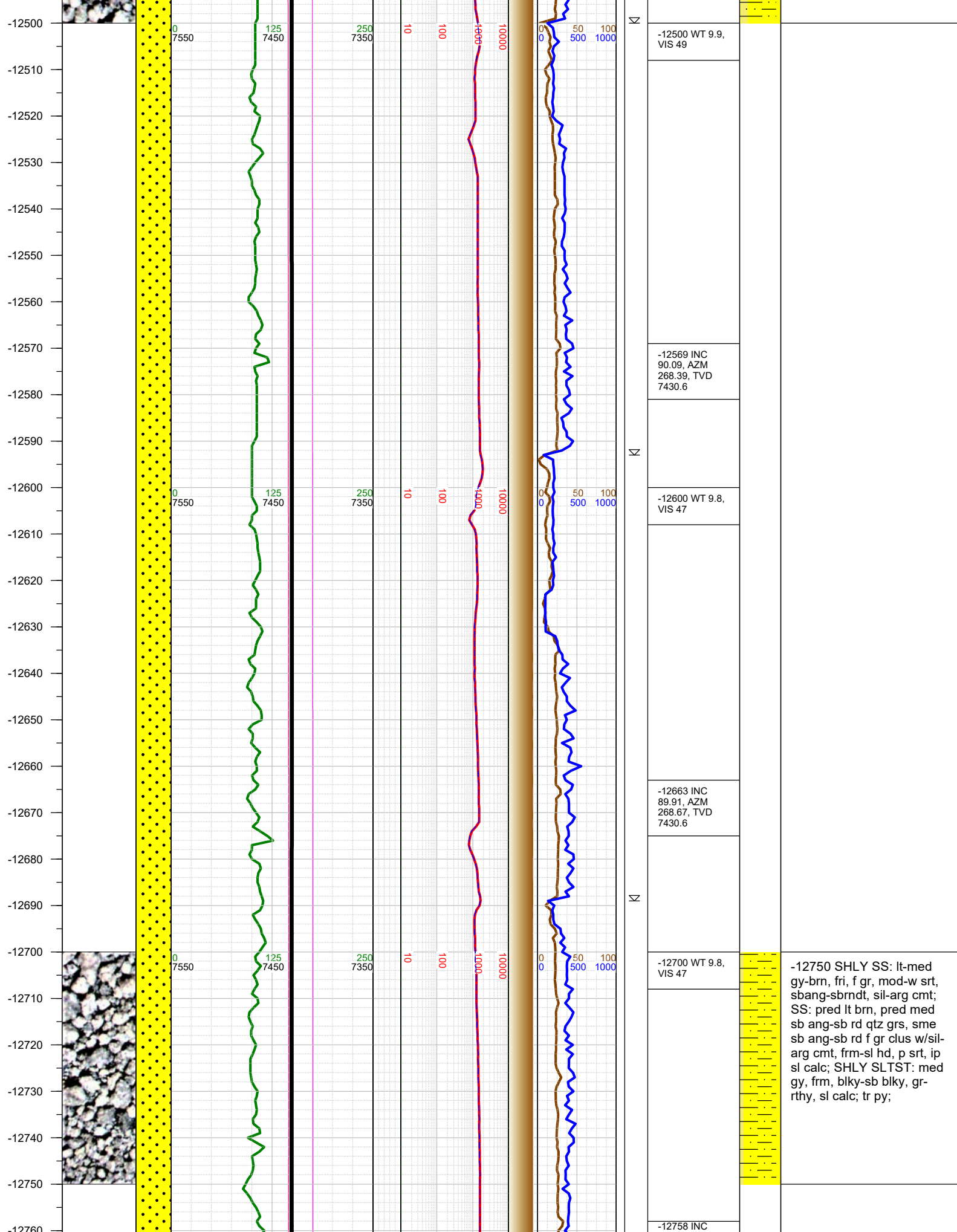


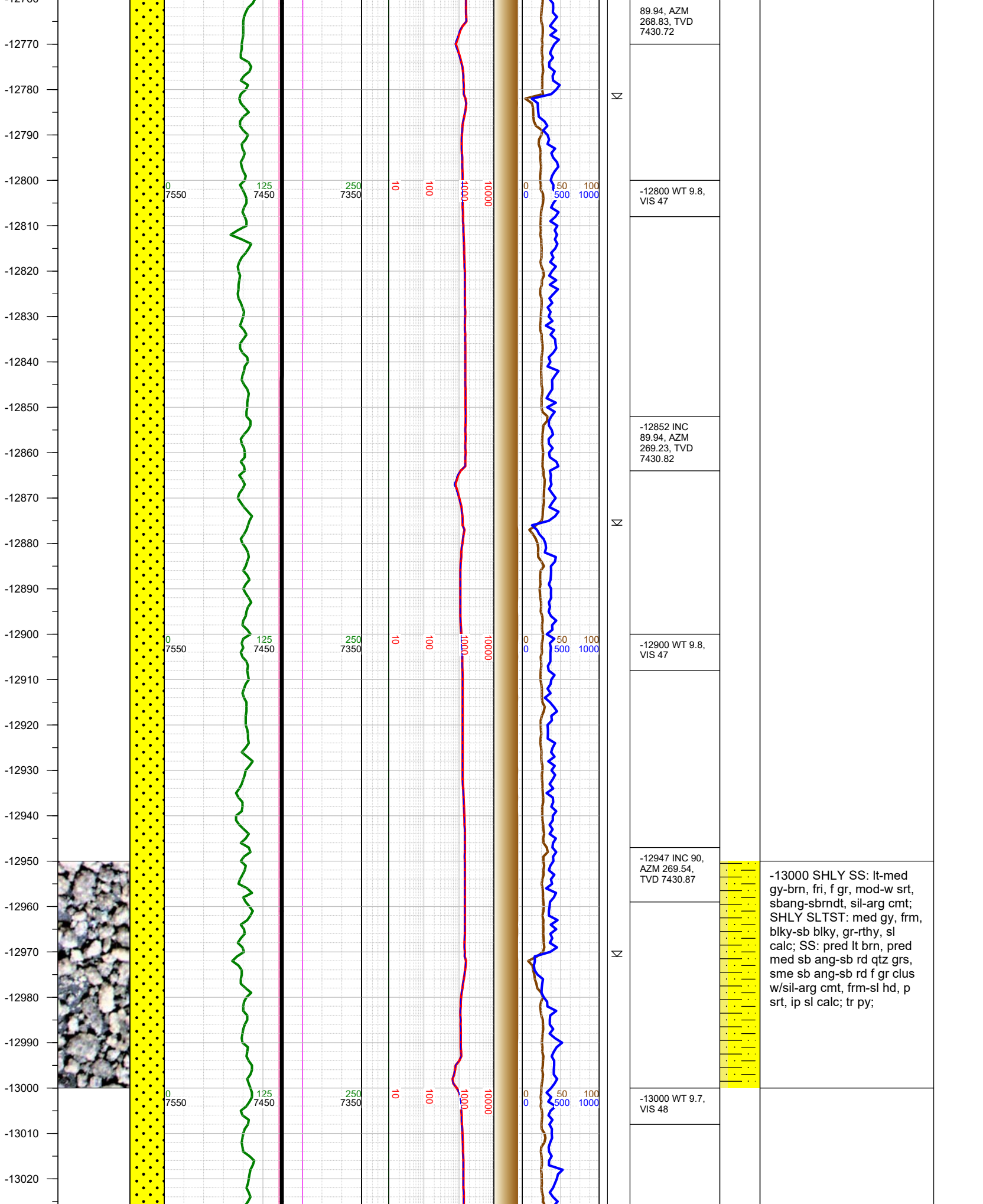


blky-sb blky, gr-rthy, sl
calc; SS: pred lt brn, pred
med sb ang-sb rd qtz grs,
sme sb ang-sb rd f gr clus
w/sil-arg cmt, frm-sl hd, p
srt, ip sl calc; tr py;

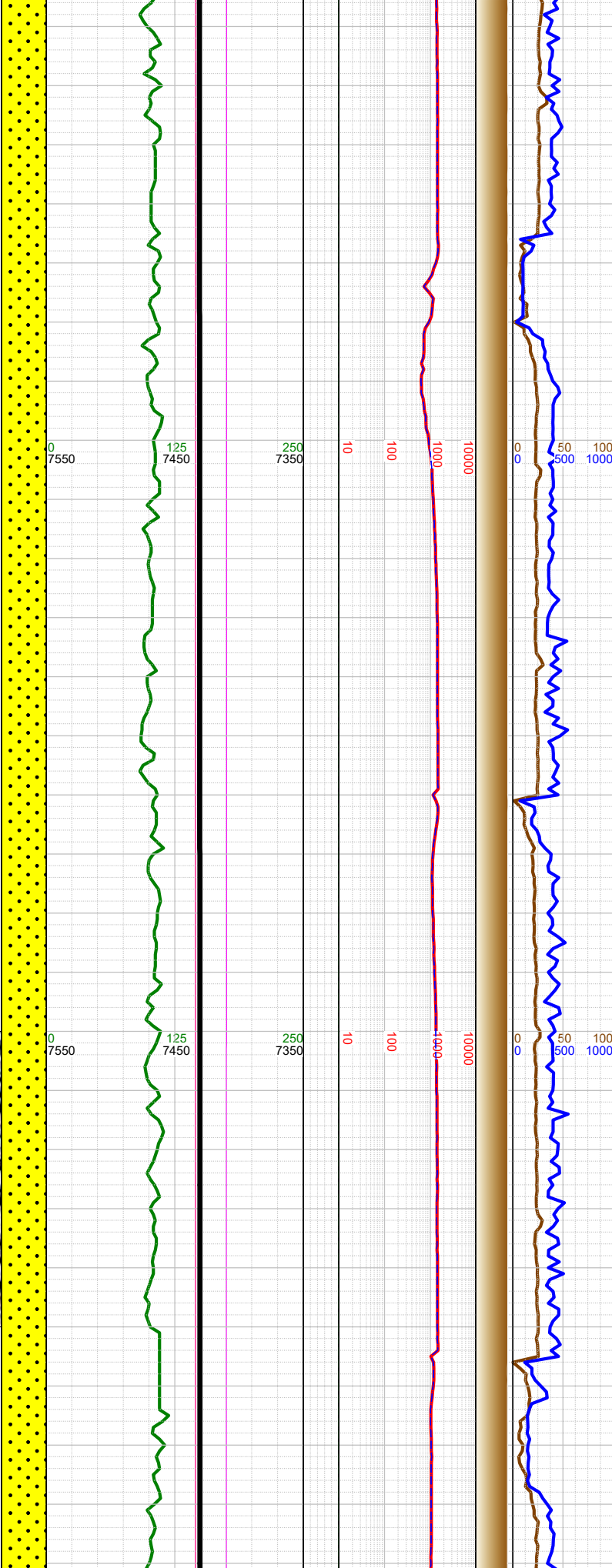
-12250 SHLY SS: lt-med
gy-brn, fri, f gr, mod-w srt,
sbang-sbrndt, sil-arg cmt;
SHLY SLTST: med gy, frm,
blky-sb blky, gr-rthy, sl
calc; SS: pred lt brn, pred
med sb ang-sb rd qtz grs,
sme sb ang-sb rd f gr clus
w/sil-arg cmt, frm-sl hd, p







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-13042 INC
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270.33, TVD
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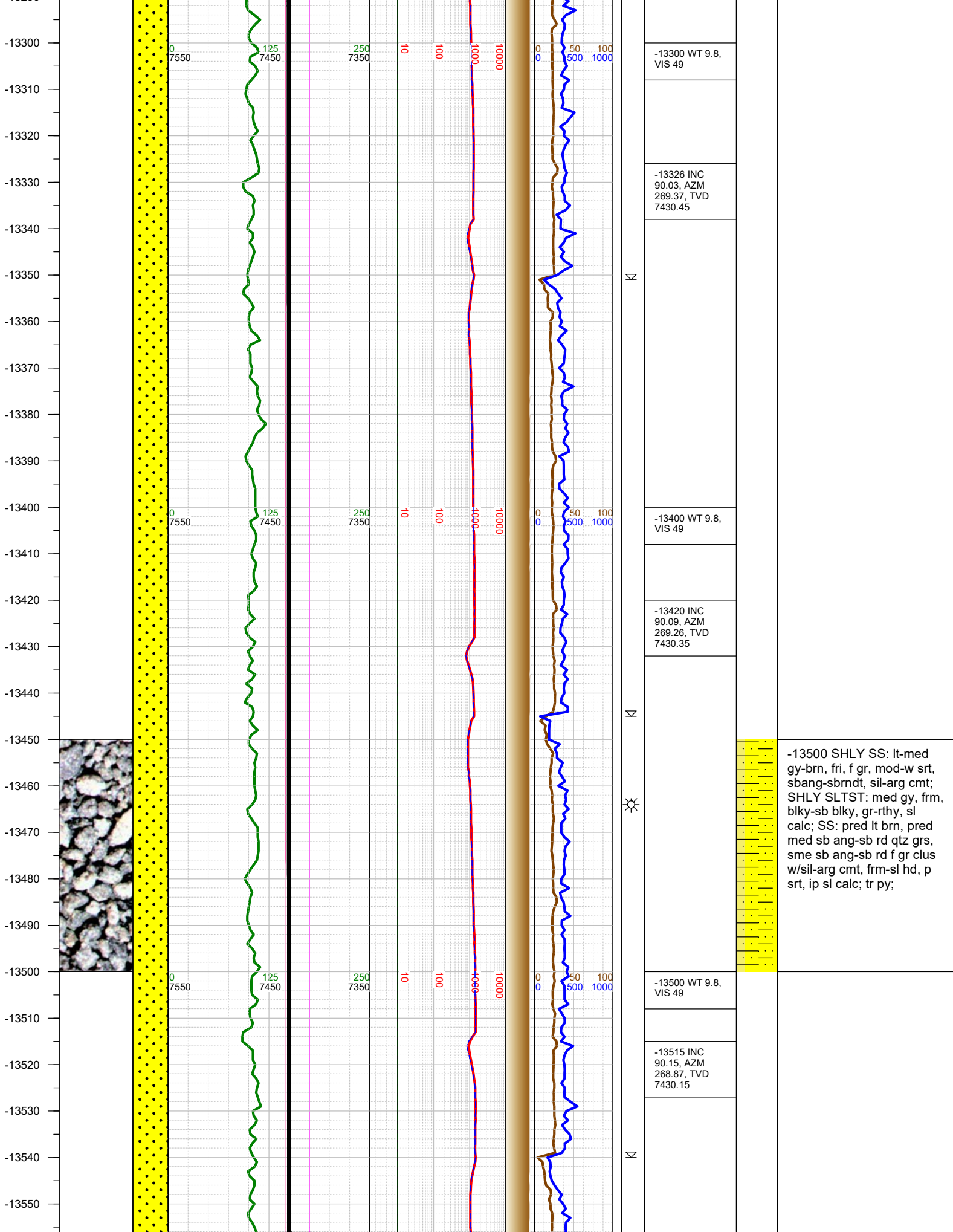
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VIS 48

-13136 INC
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270.21, TVD
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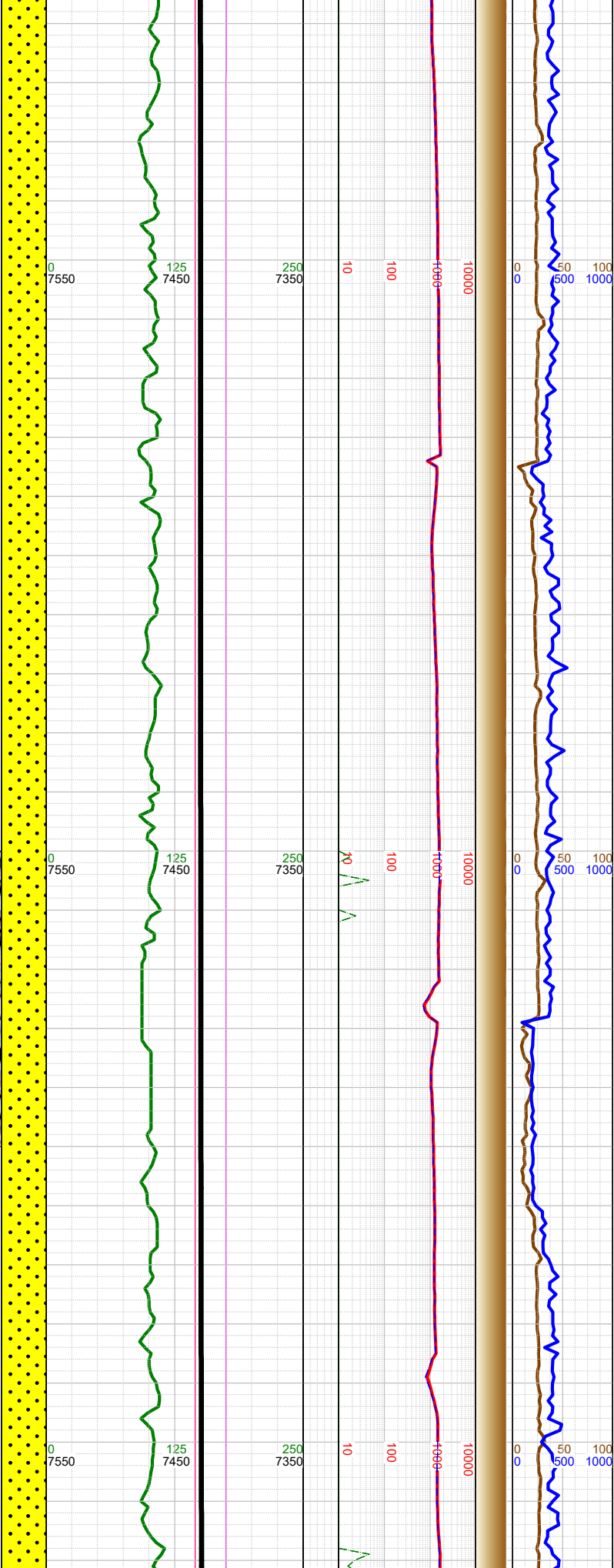
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VIS 48

-13231 INC
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269.36, TVD
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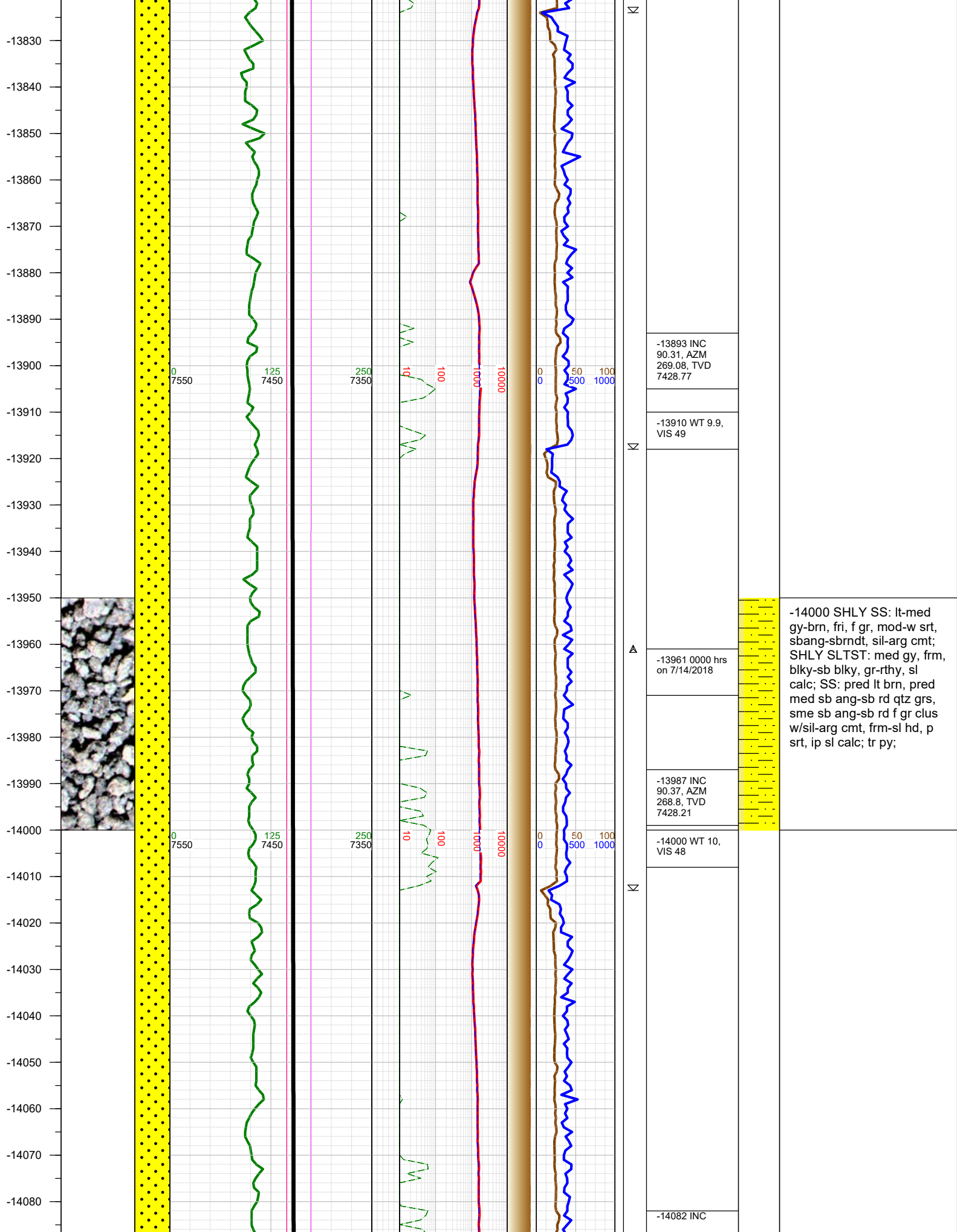
-13250 SHLY SS: lt-med
gy-brn, fri, f gr, mod-w srt,
sbang-sbrndt, sil-arg cmt;
SHLY SLTST: med gy, frm,
blky-sb blky, gr-rthy, sl
calc; SS: pred lt brn, pred
med sb ang-sb rd qtz grs,
sme sb ang-sb rd f gr clus
w/sil-arg cmt, frm-sl hd, p
srt, ip sl calc; tr py;

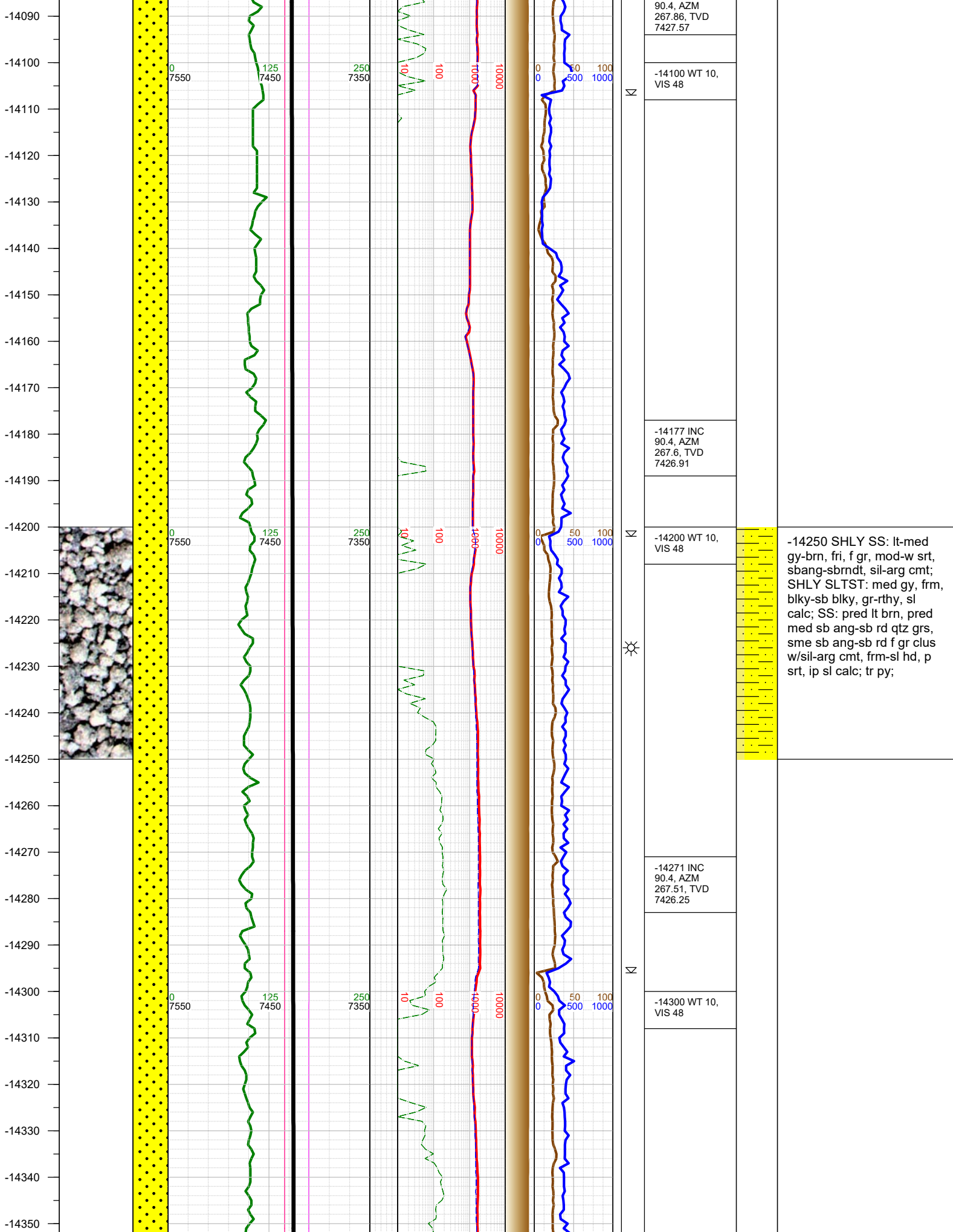


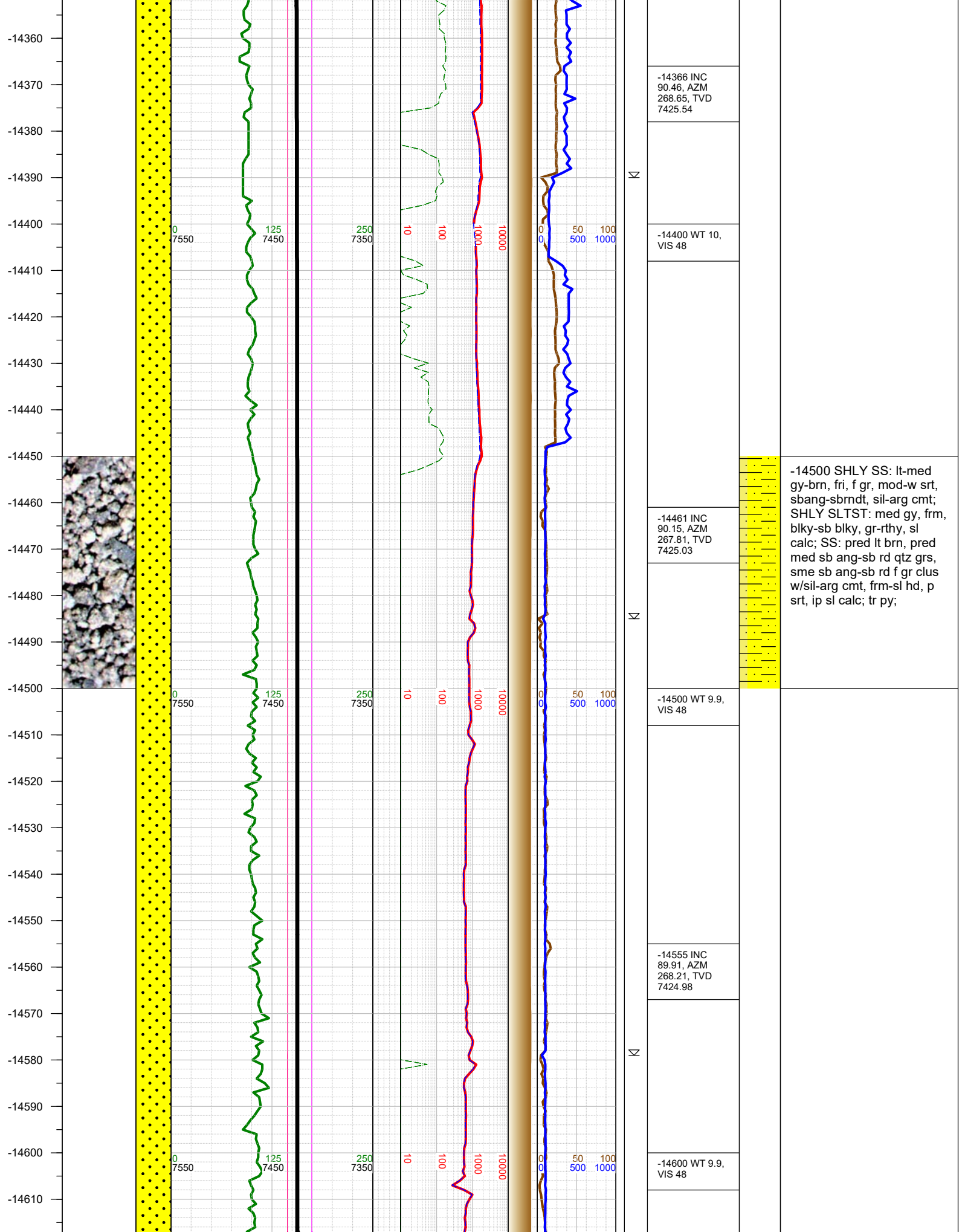
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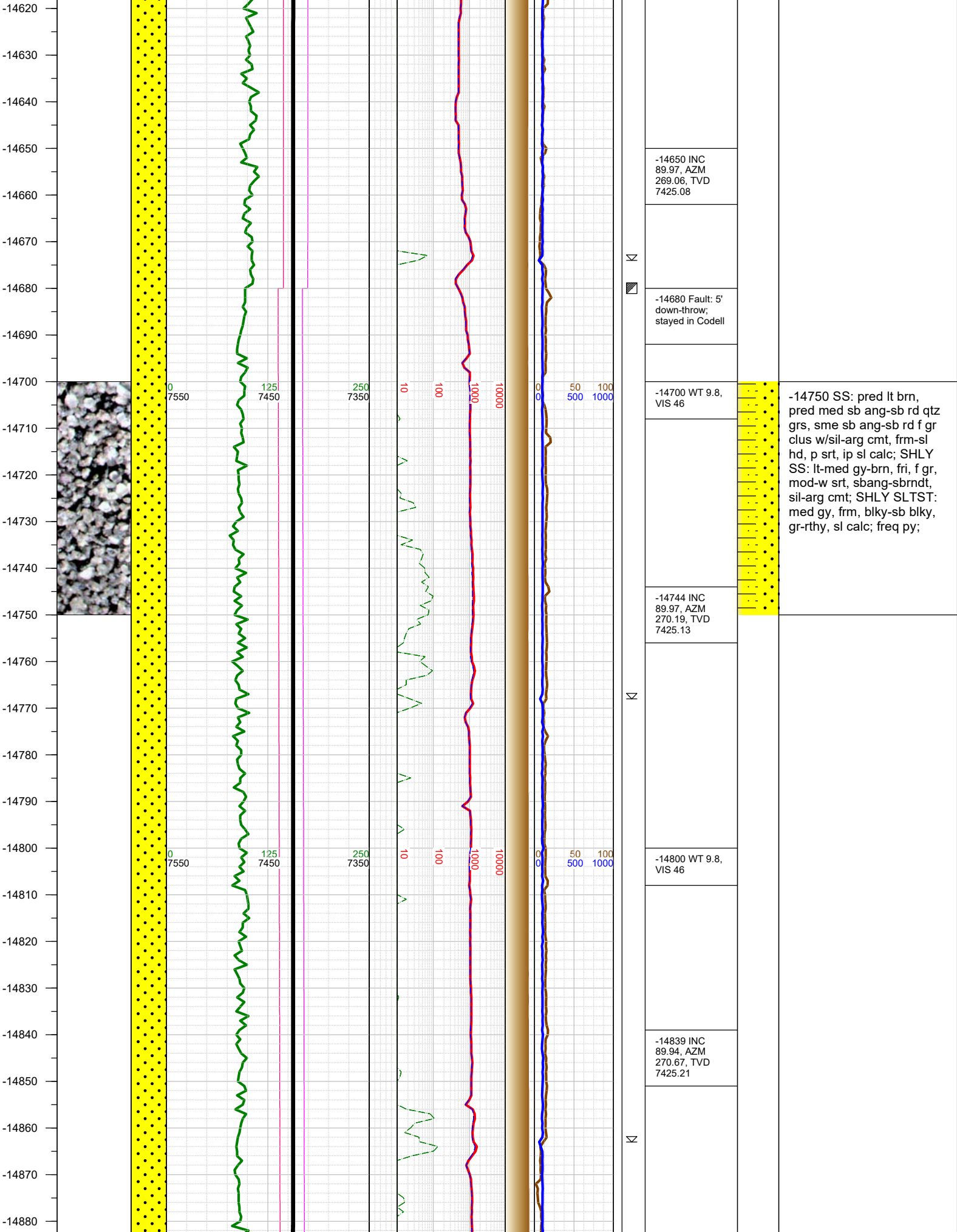


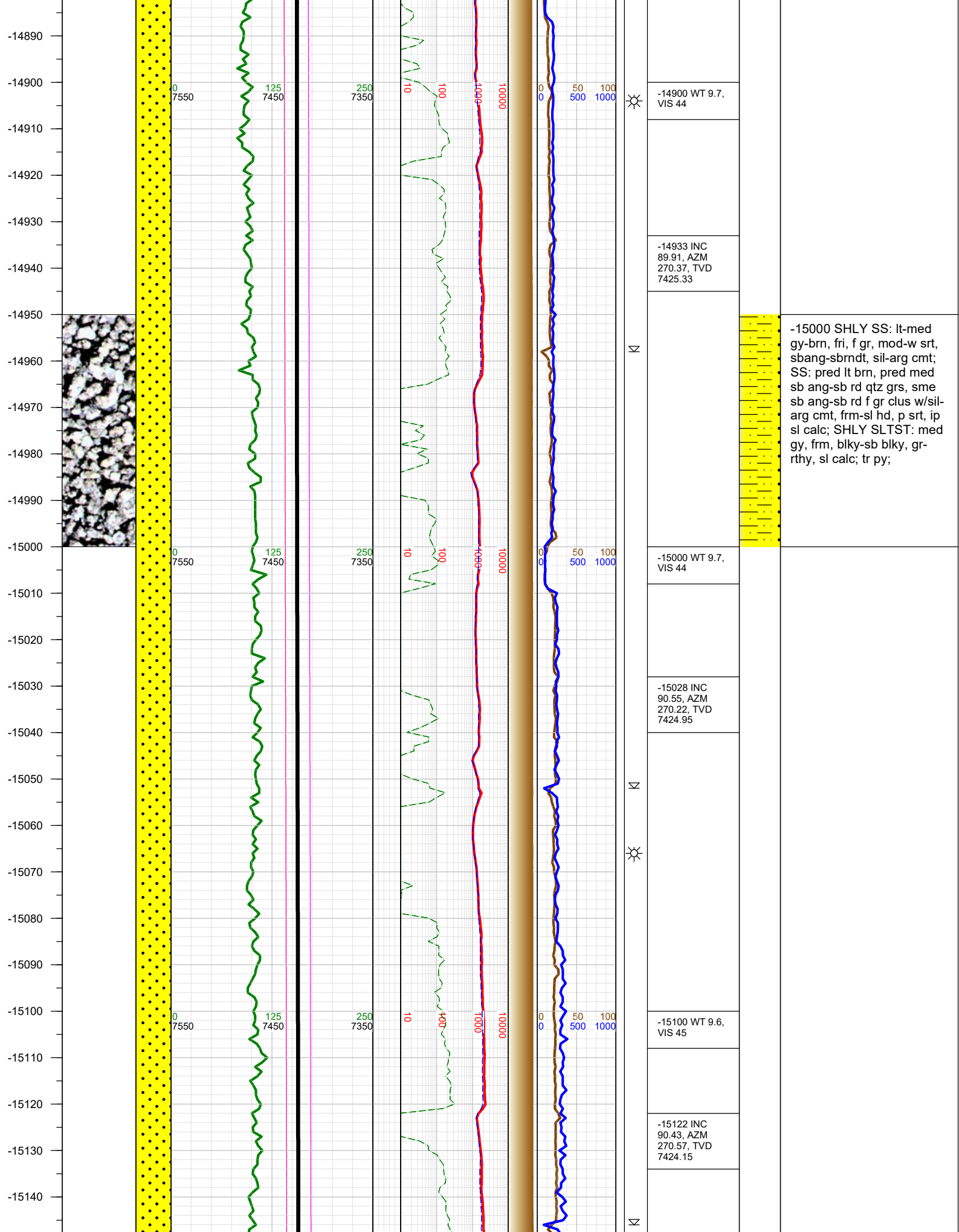
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	-13610 INC 90.06, AZM 268.8, TVD 7429.98	
N	-13704 INC 90.12, AZM 269.45, TVD 7429.83	-13750 SHLY SS: lt-med gy-brn, fri, f gr, mod-w srt, sbang-sbrndt, sil-arg cmt; SHLY SLTST: med gy, frm, blk-y-sb blk-y, gr-rthy, sl calc; SS: pred lt brn, pred 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; tr py;
	-13720 WT 9.8, VIS 49	
	-13798 INC 90.43, AZM 269.37, TVD 7429.38	
	-13810 WT 9.9, VIS 49	

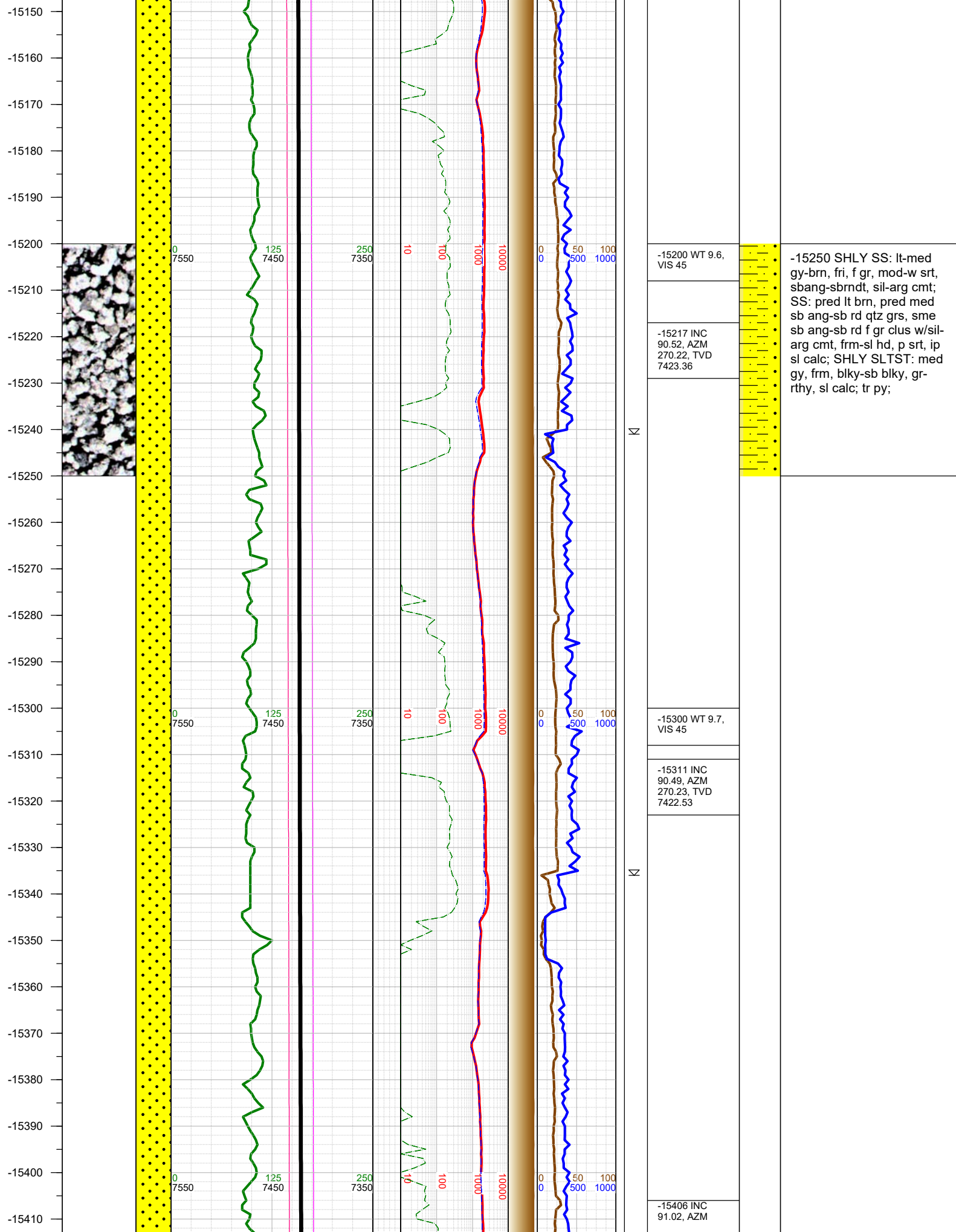


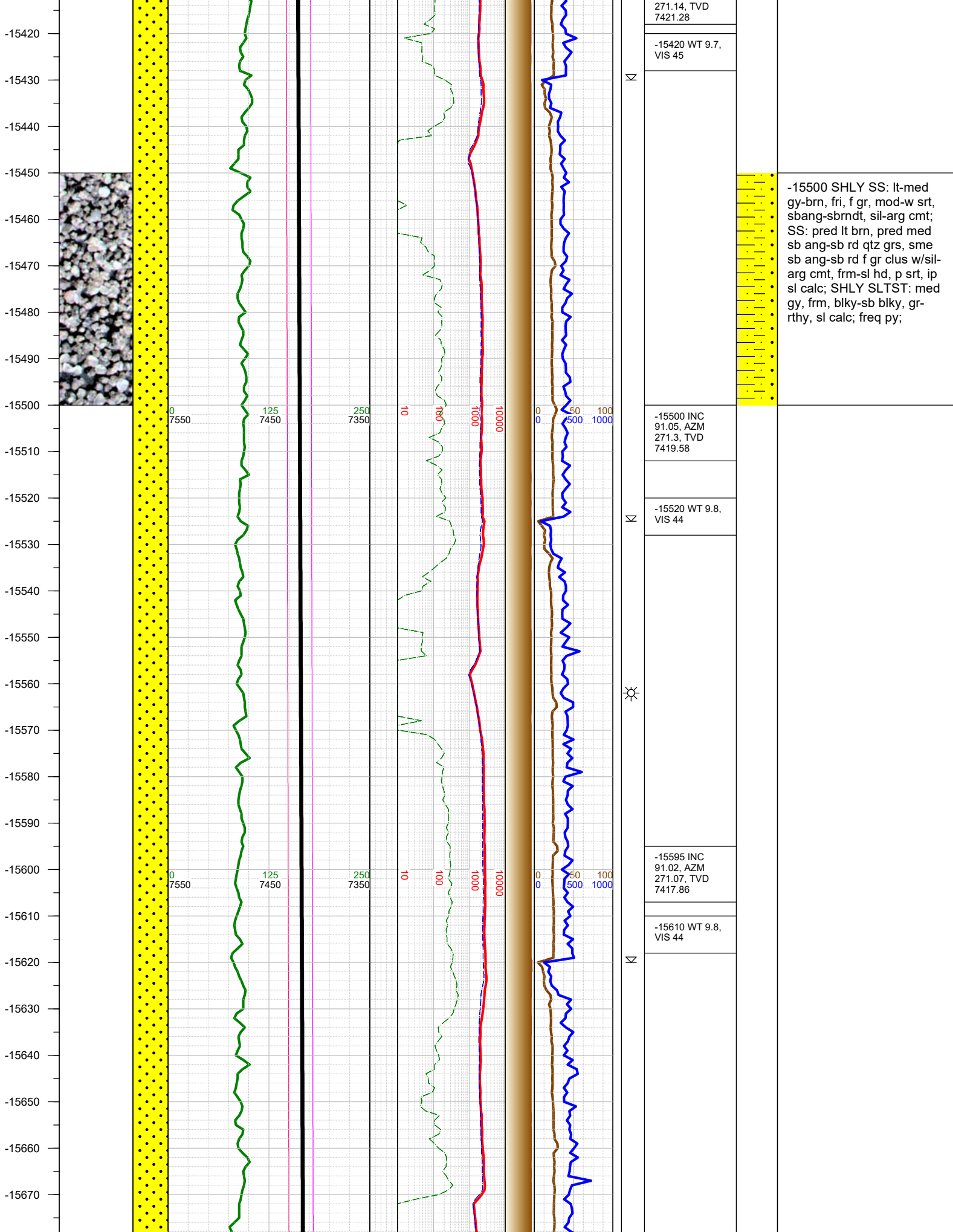


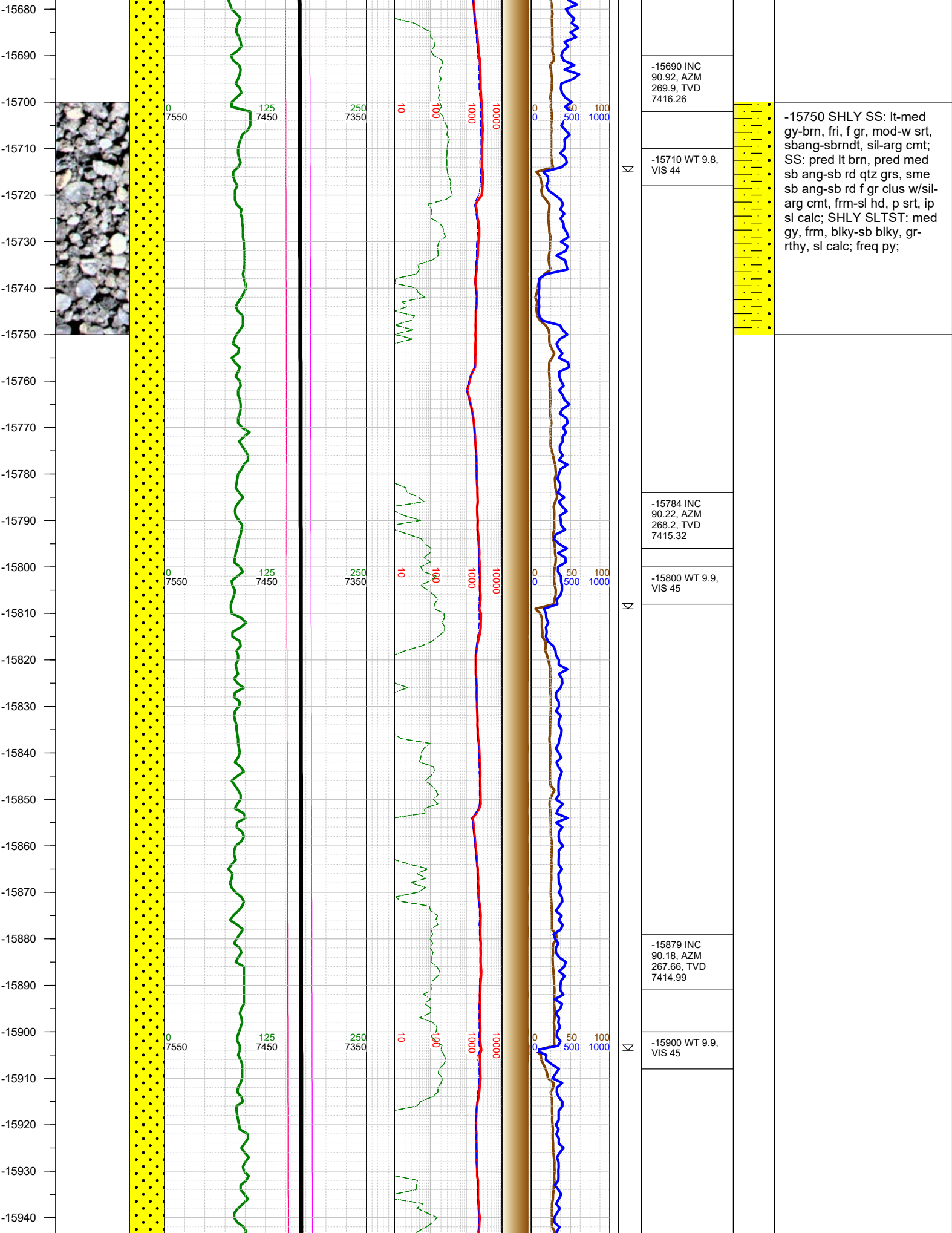


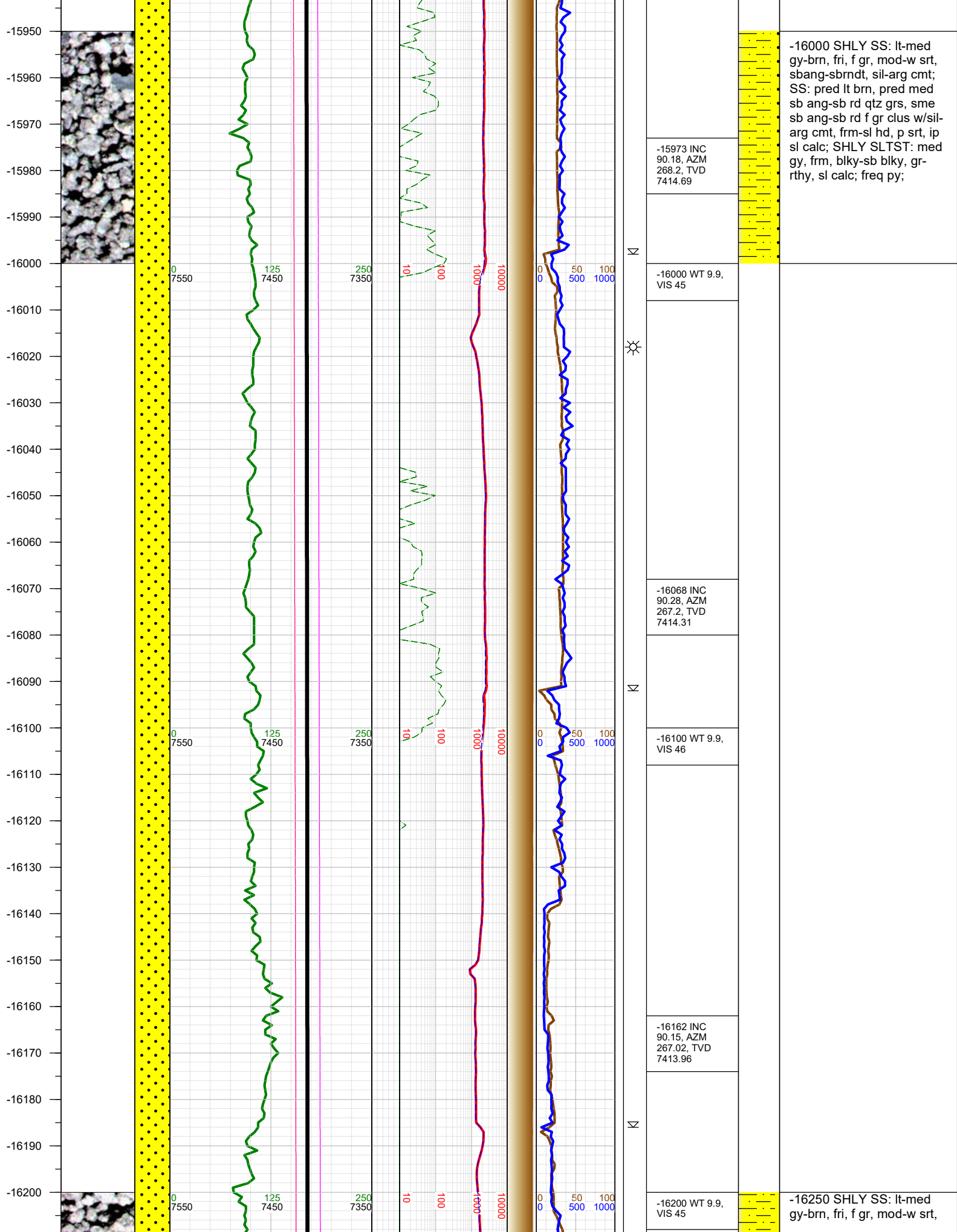


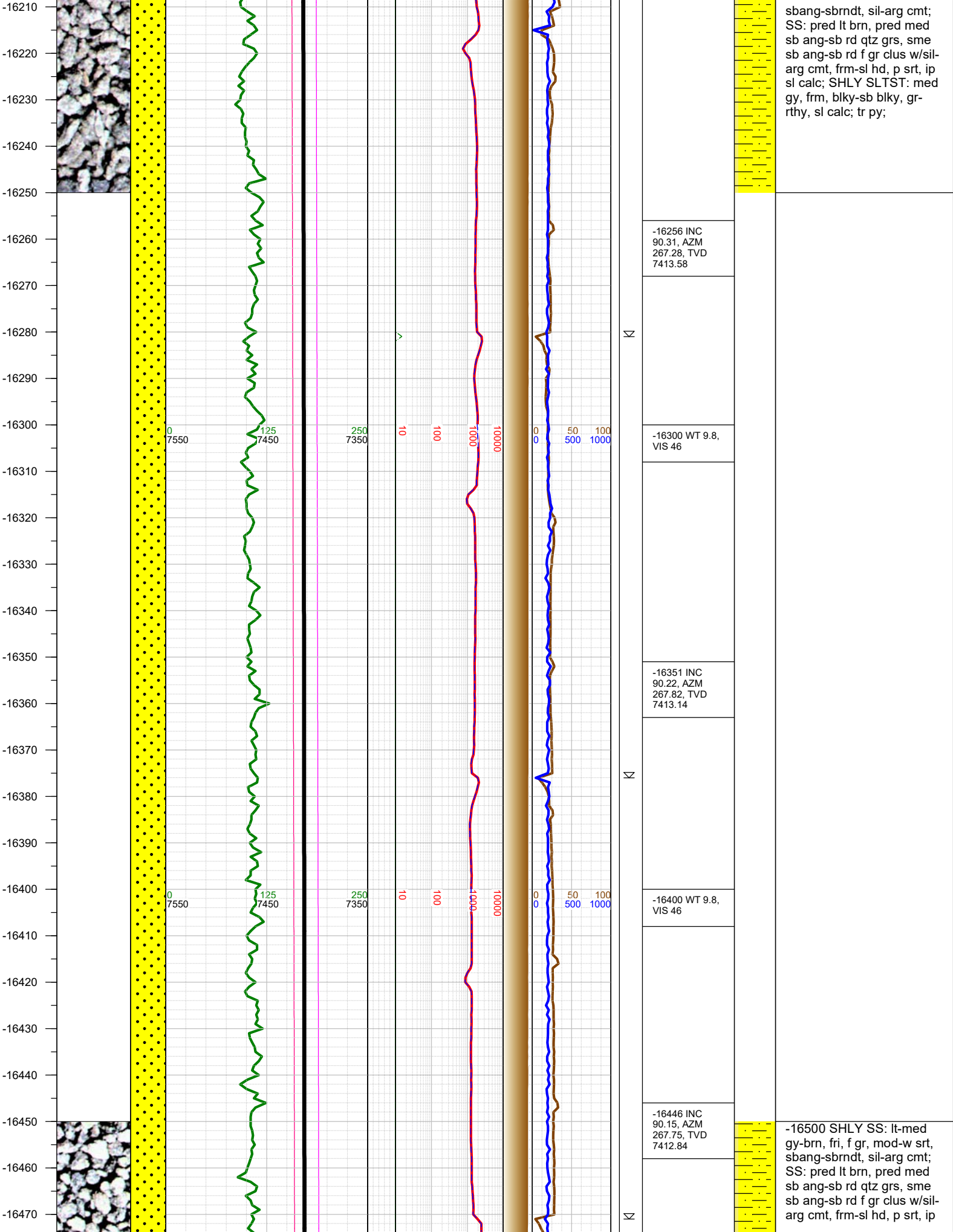


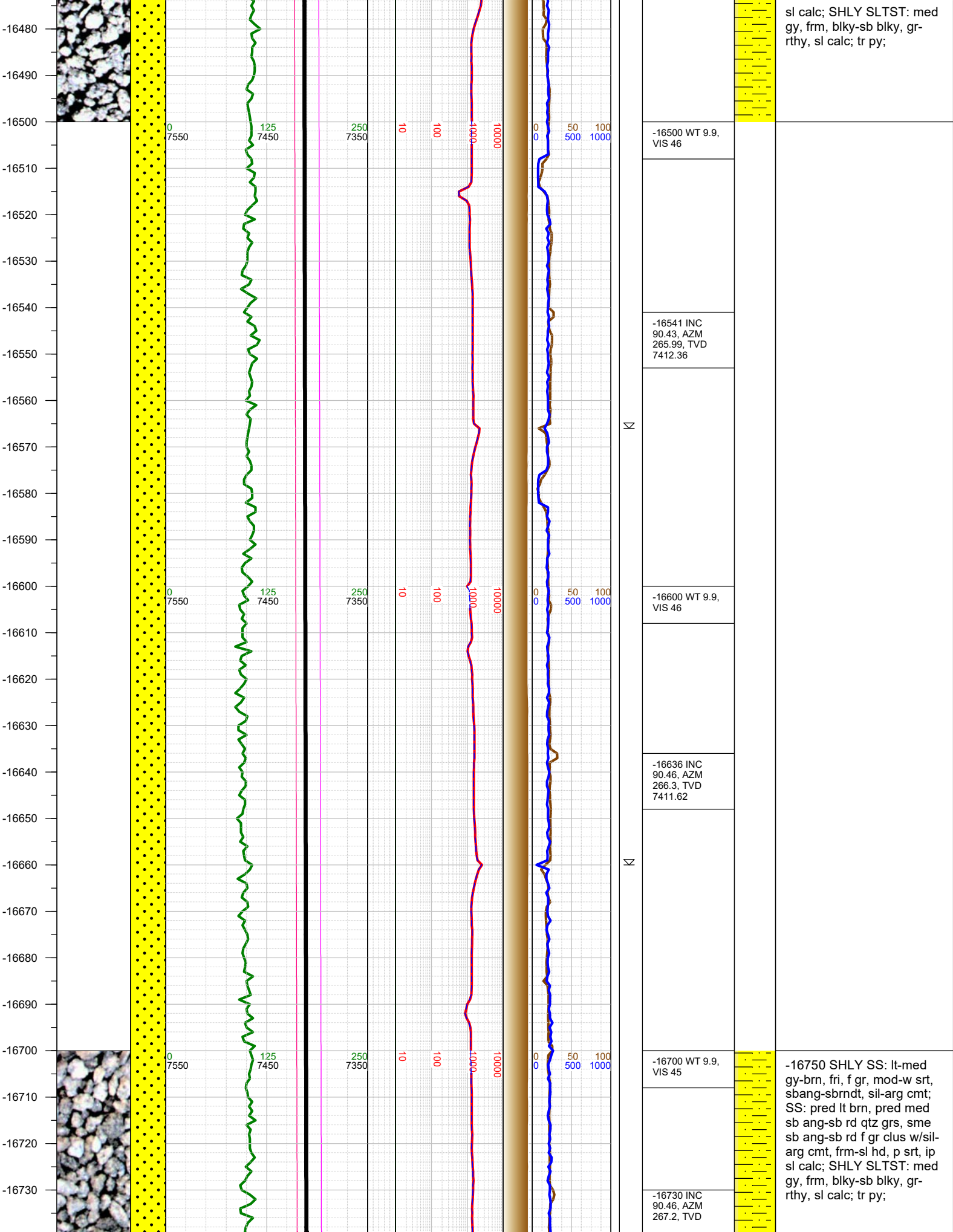


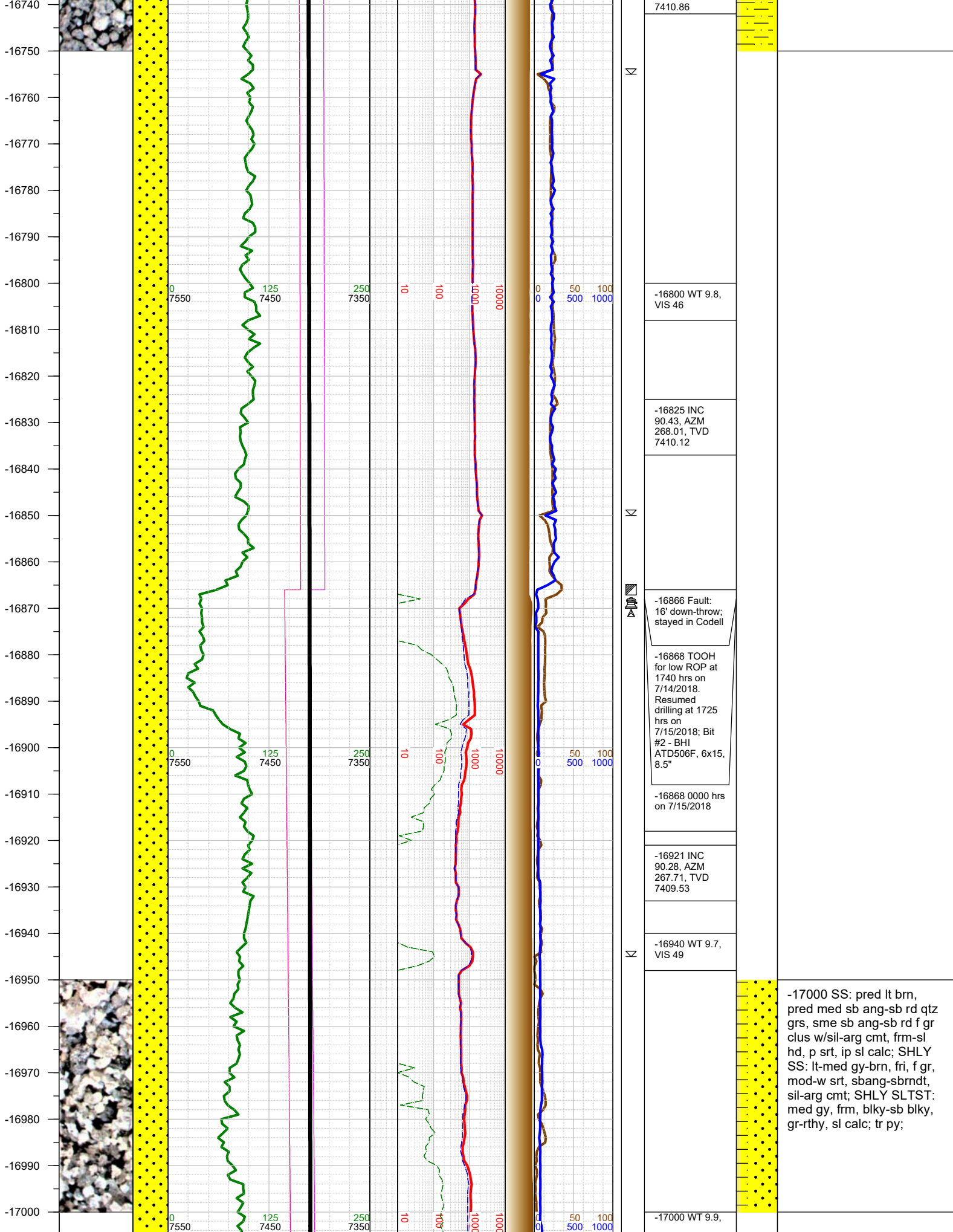


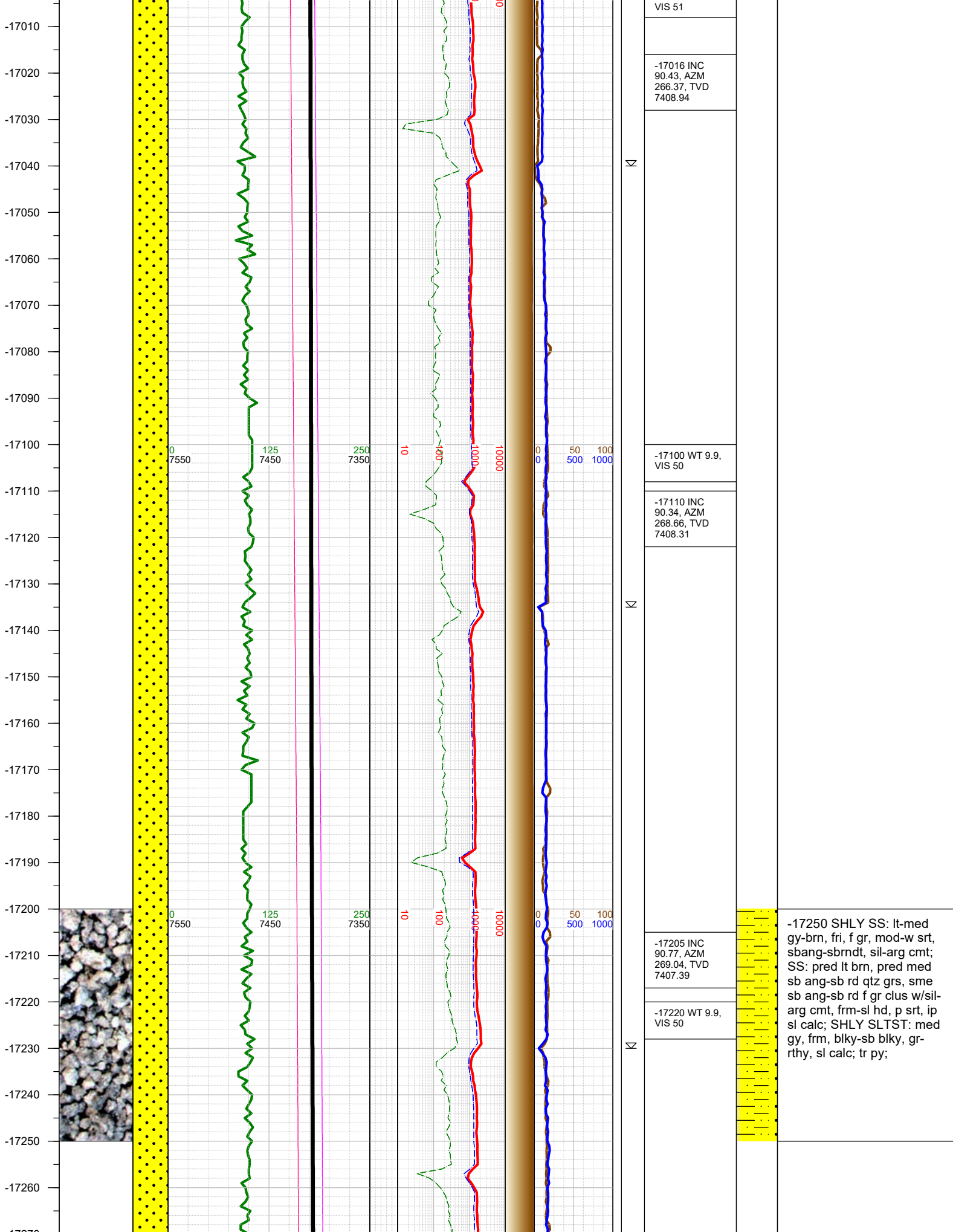




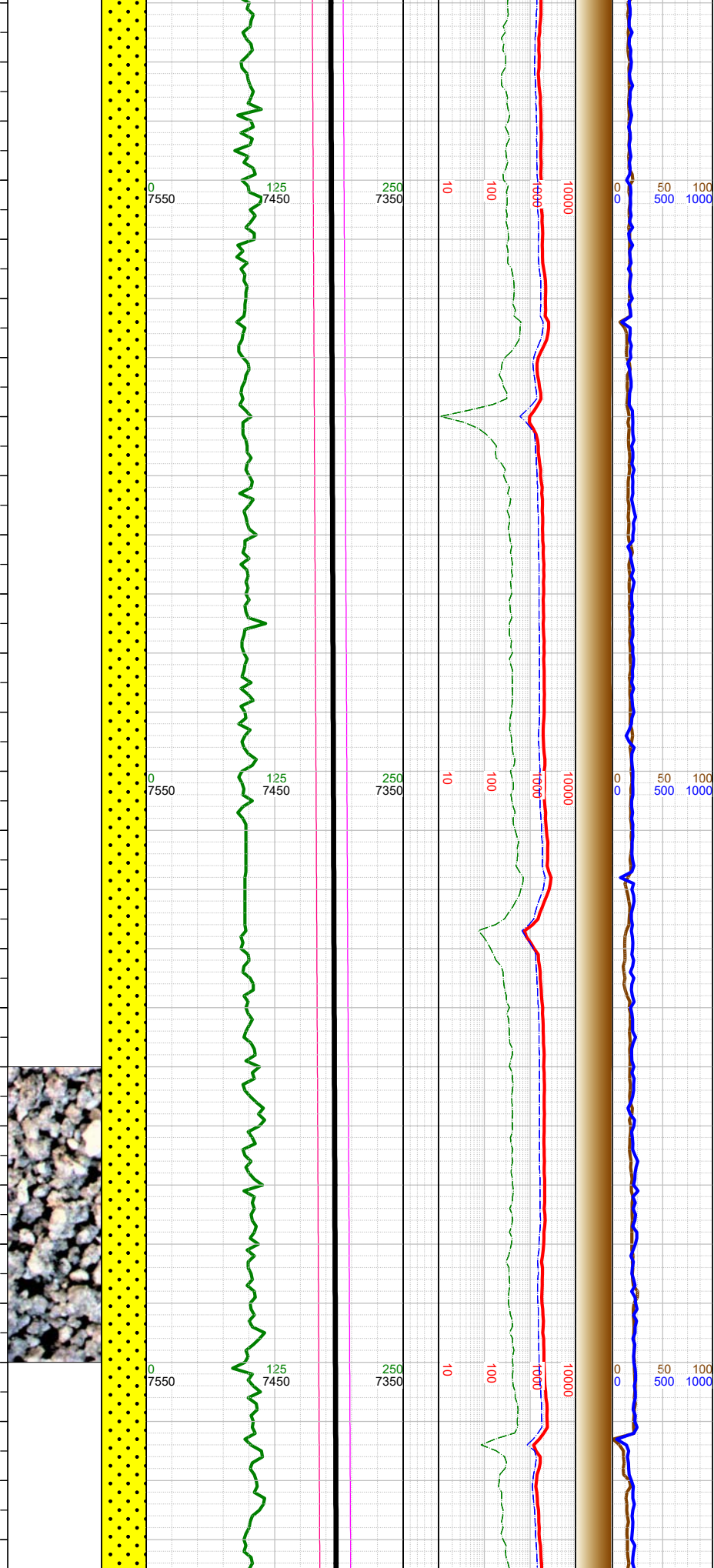






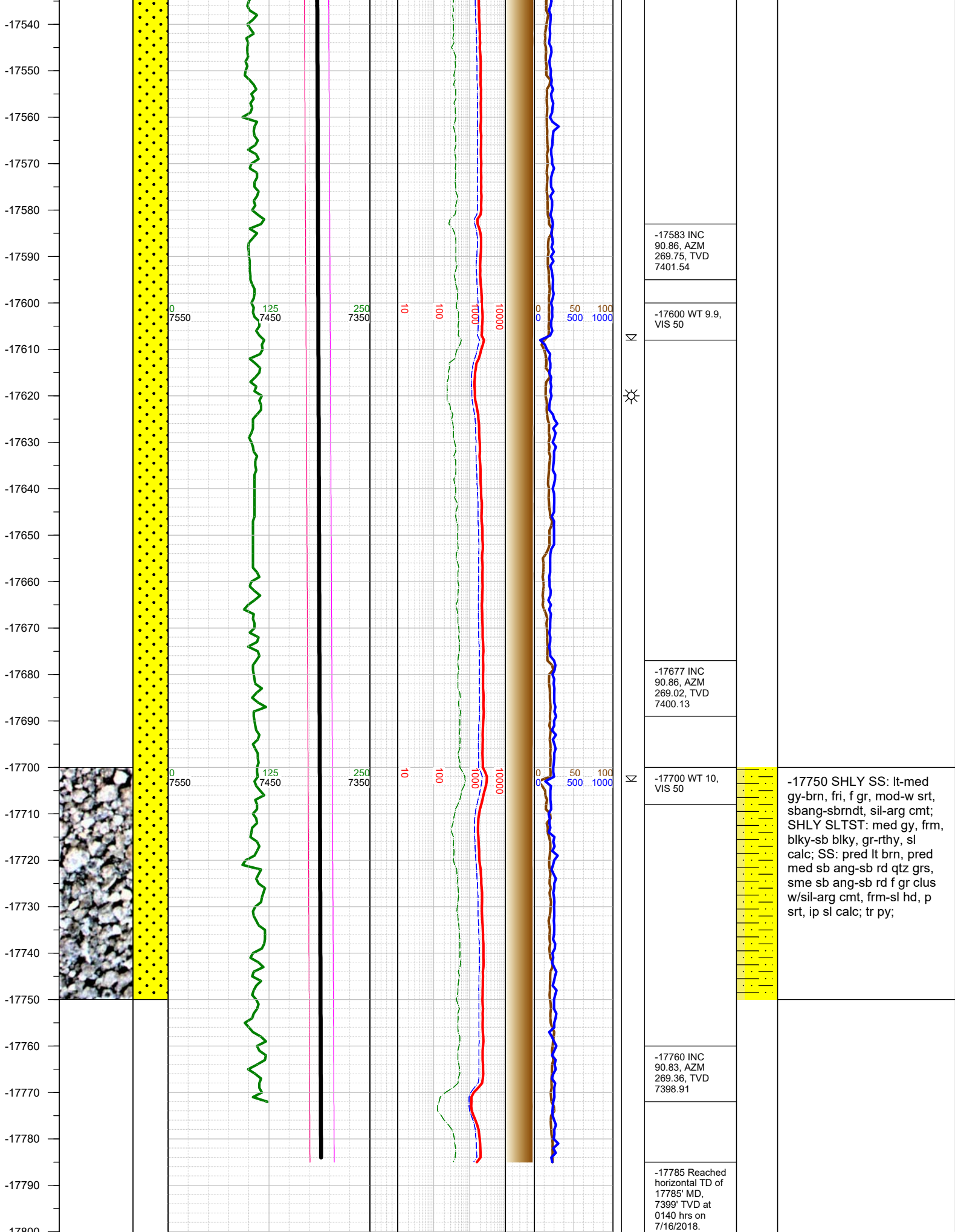


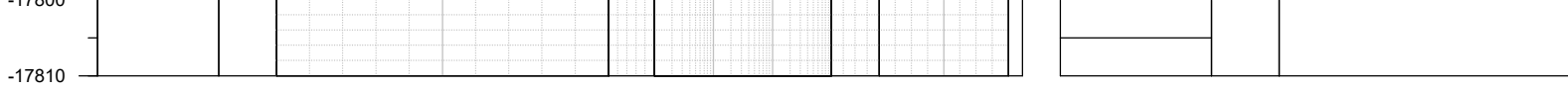
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Σ		-17299 INC 90.92, AZM 269.59, TVD 7406
		-17320 WT 9.9, VIS 50
Σ		-17393 INC 90.86, AZM 270.07, TVD 7404.54
		-17410 WT 9.9, VIS 49
Δ		-17488 INC 90.95, AZM 270.21, TVD 7403.04
		-17490 0000 hrs on 7/16/2018
		-17510 WT 9.9, VIS 50

-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, blkly-sb blkly, gr-
rthy, sl calc; tr py;





TOTAL DEPTH = 17785'

Thank you for using Earth Science Agency