

OPERATOR: **Extraction Oil & Gas**

WELL NAME: **Kennedy 1C**

FIELD NAME: DJ Basin - Wattenberg

DRILLING RIG: Patterson 346

API #: 05-123-40308

LAT/LONG: 40.318347, -105.038092
SURFACE HOLE: NENE S18-T4N-R68W, 681' FNL, 342' FEL
BOTTOM HOLE: S12-T4N-R69W, 109' FSL, 460' FWL

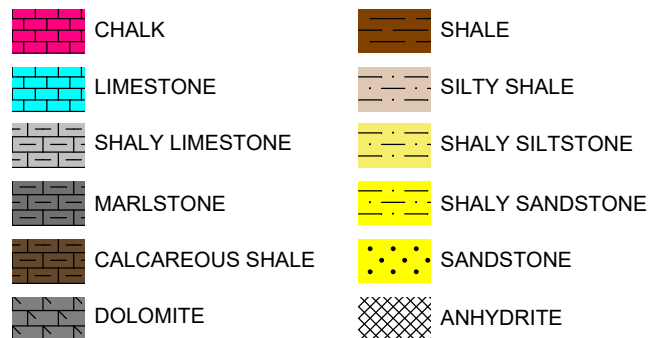


Earth Science Agency, LLC

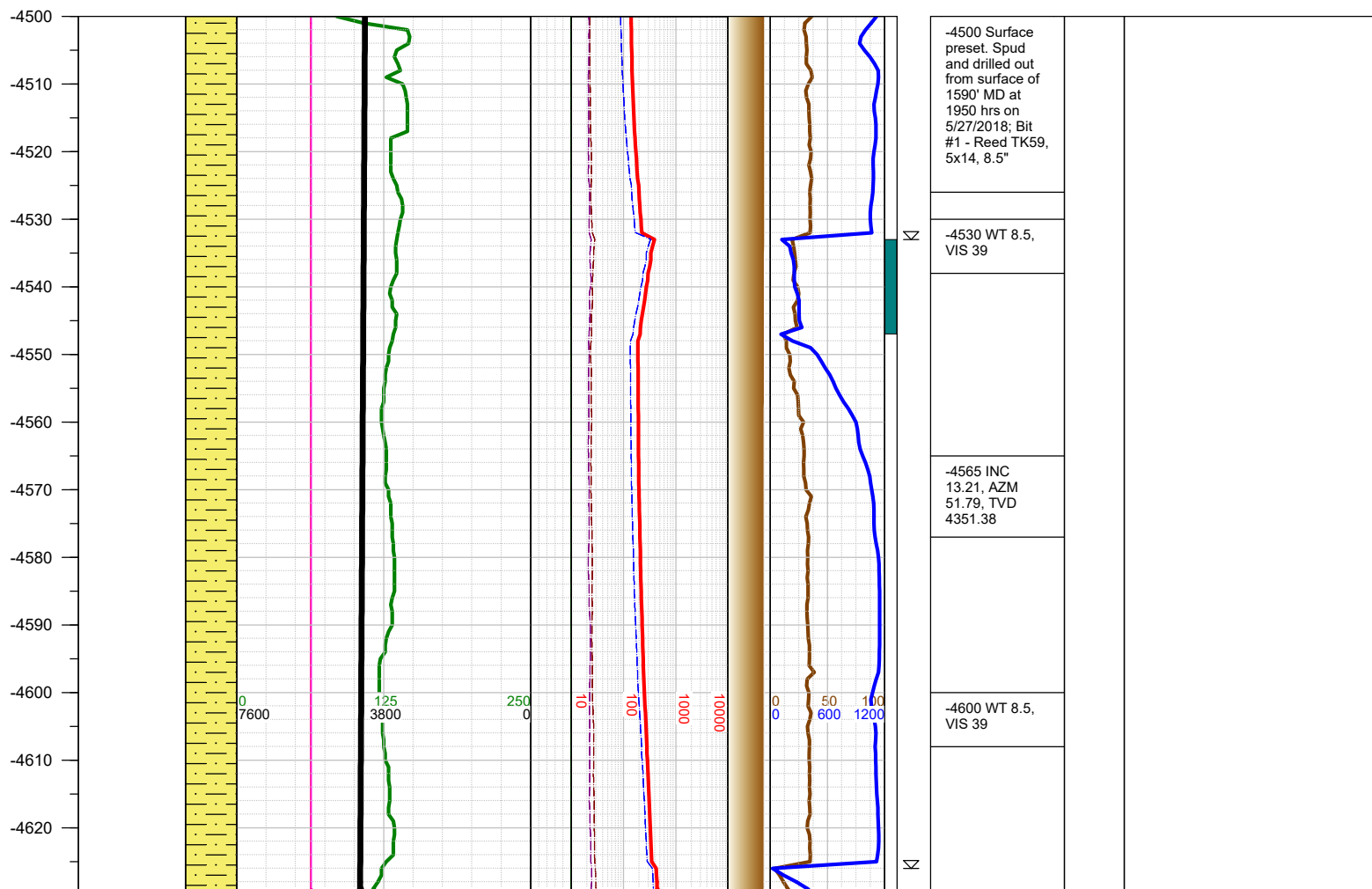
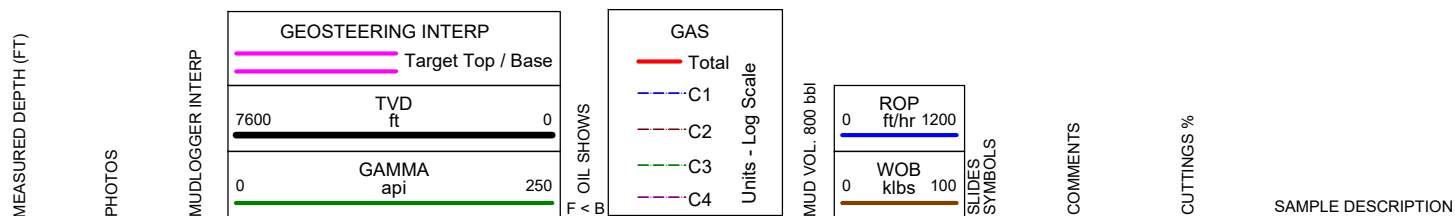
COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 4967'
KELLY BUSHING: 4992'
DRILLING FLUID: OBM
TVD VS. MD: 5212' / 15919'
SPUD DATE: May 27, 2018
TD DATE: May 30, 2018

DEPTHS LOGGED: 4500' - 15919'
DATES LOGGED: May 27, 2018 - May 30, 2018
GEOLOGISTS: Zak Lewis, Ross Apodaca
SCALE: 5" = 100'

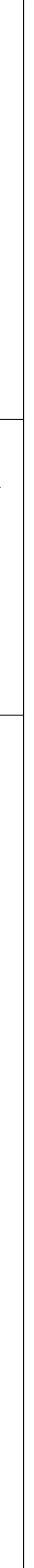
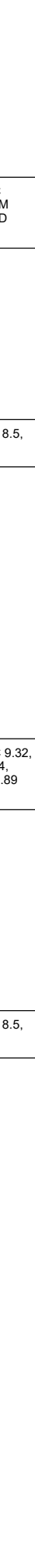
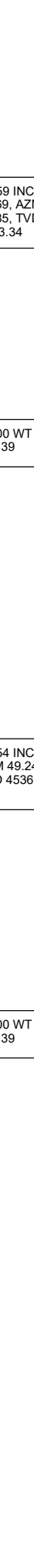
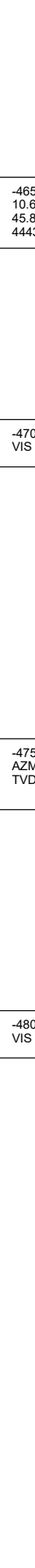
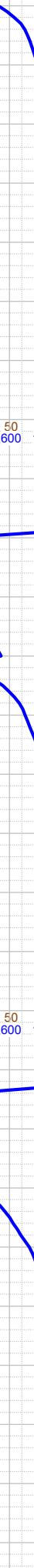
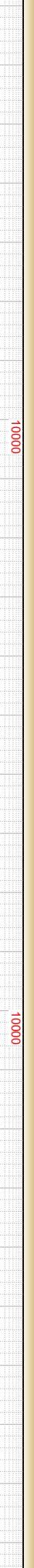
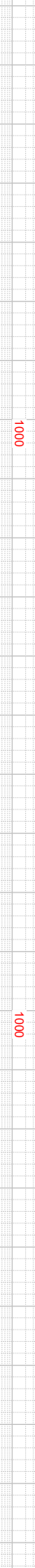
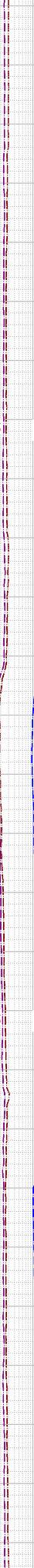
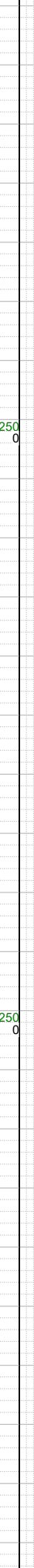
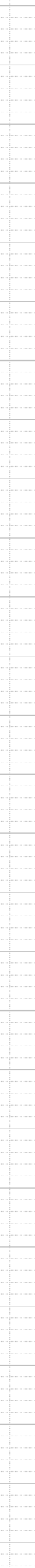
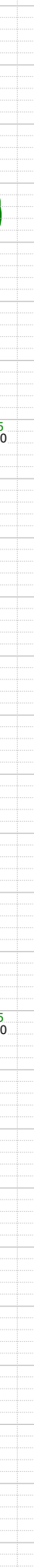
LEGEND



FORMATION CONNECTION MIDNIGHT NEW BIT GAS SHOW FAULT



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-4659 INC
10.69, AZM
45.85, TVD
4443.34

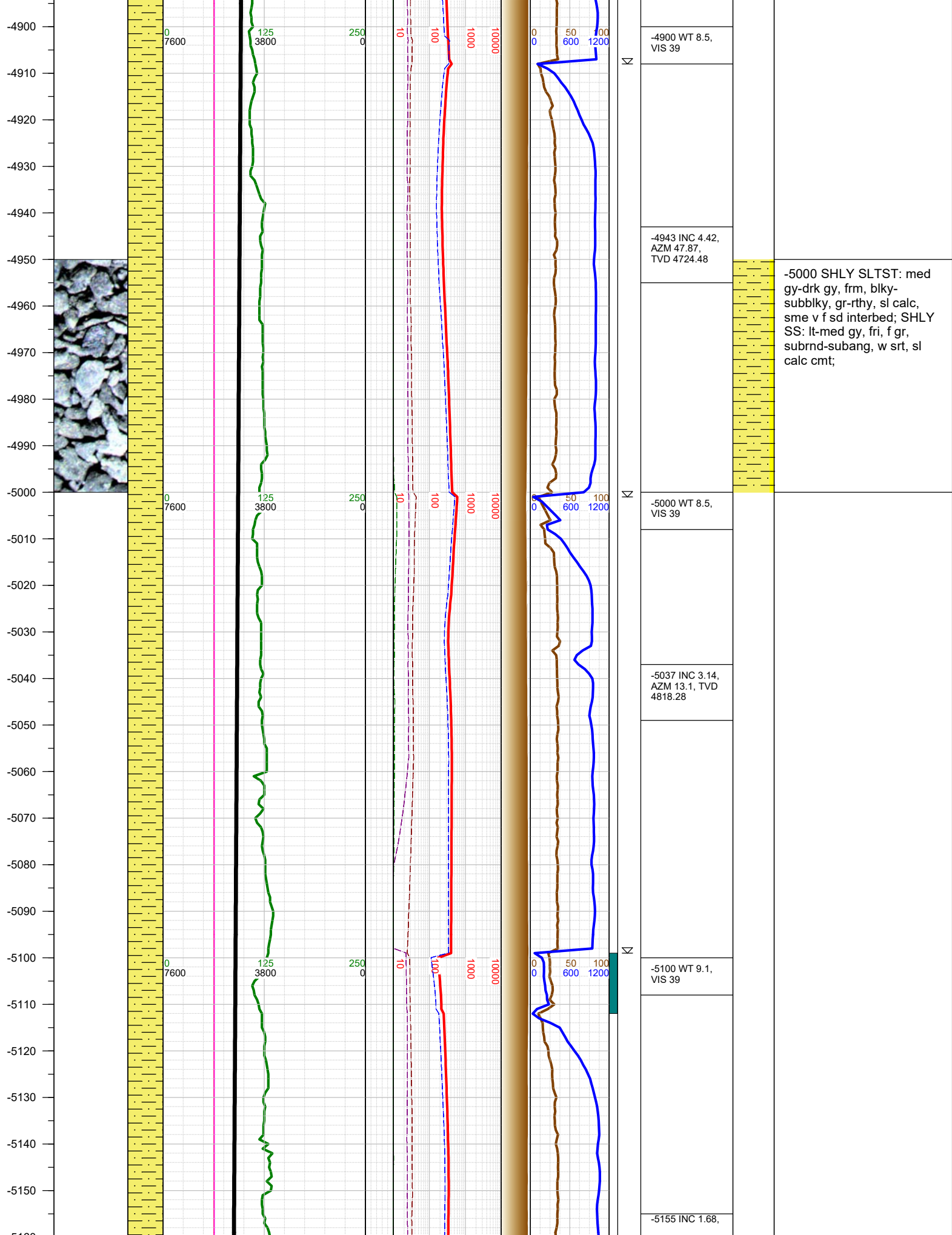
-4700 WT 8.5,
VIS 39

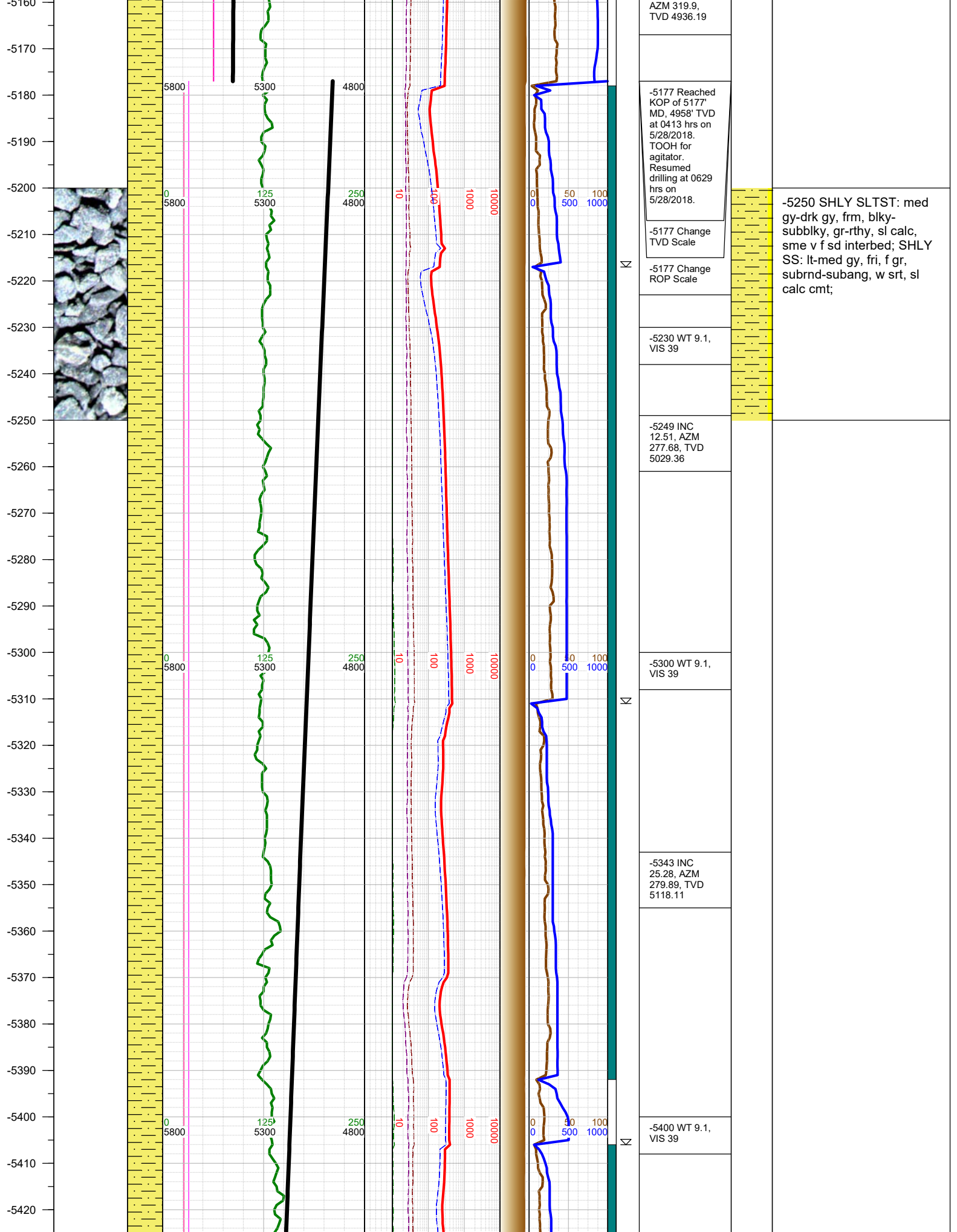
-4754 INC 9.32,
AZM 49.24,
TVD 4536.89

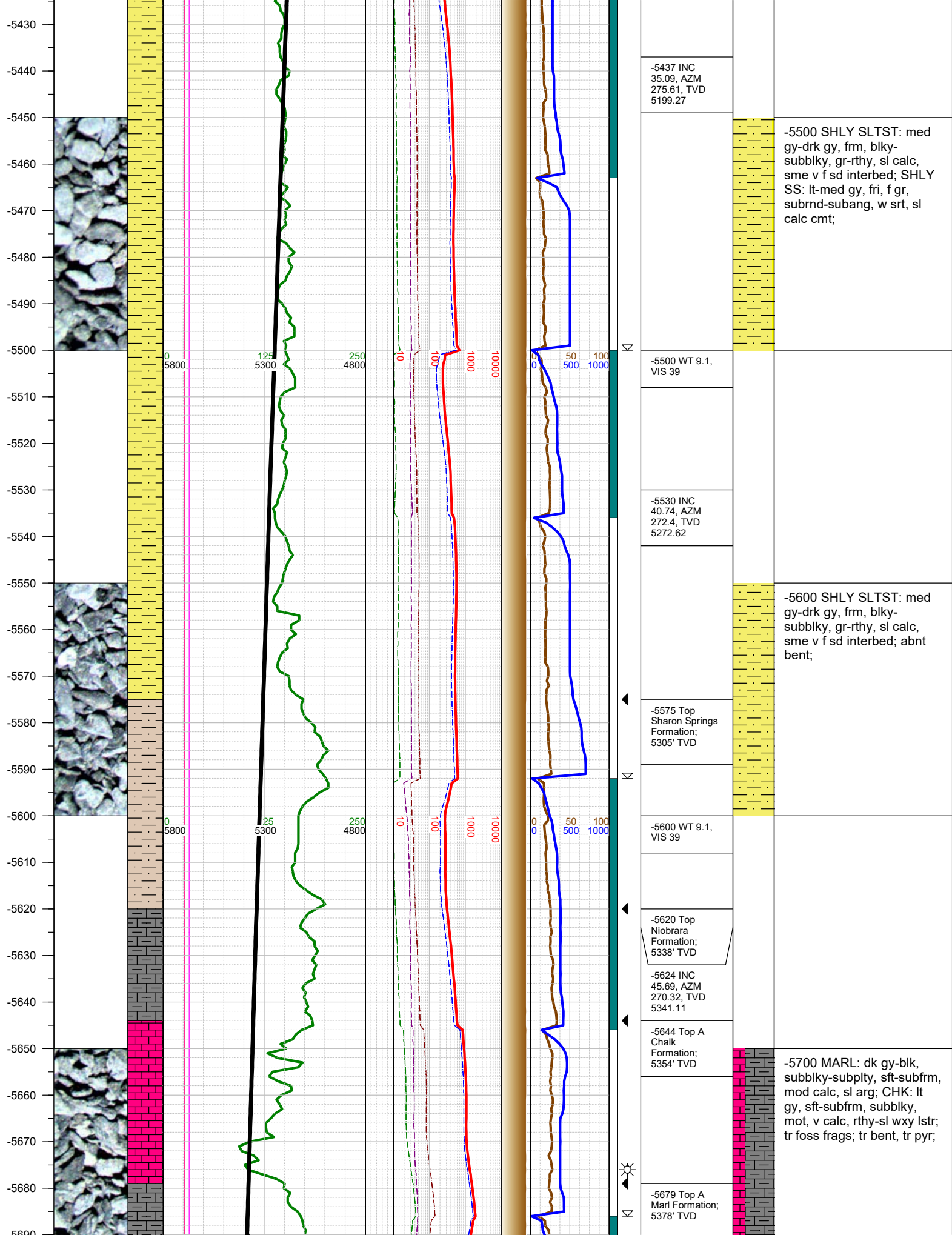
-4800 WT 8.5,
VIS 39

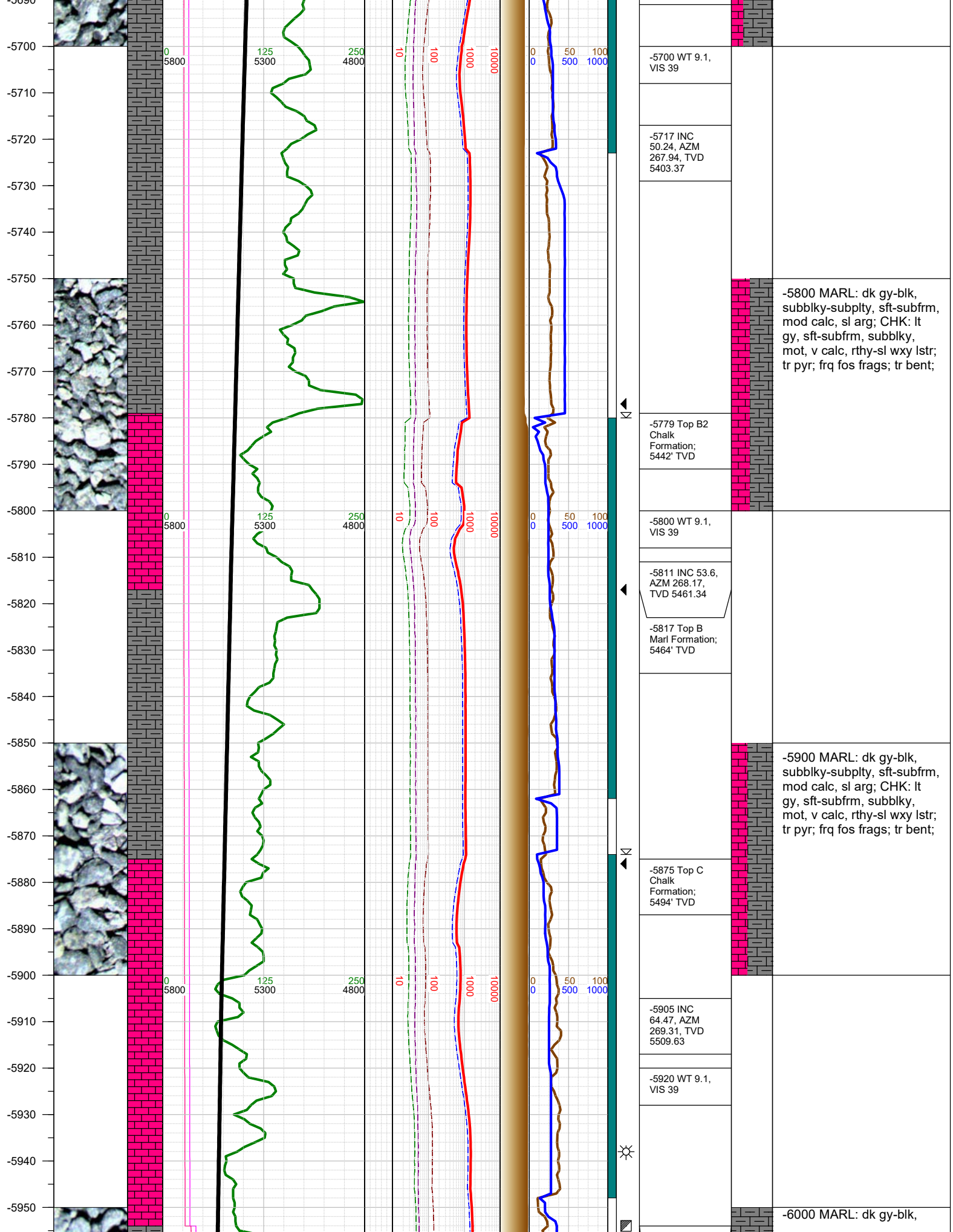


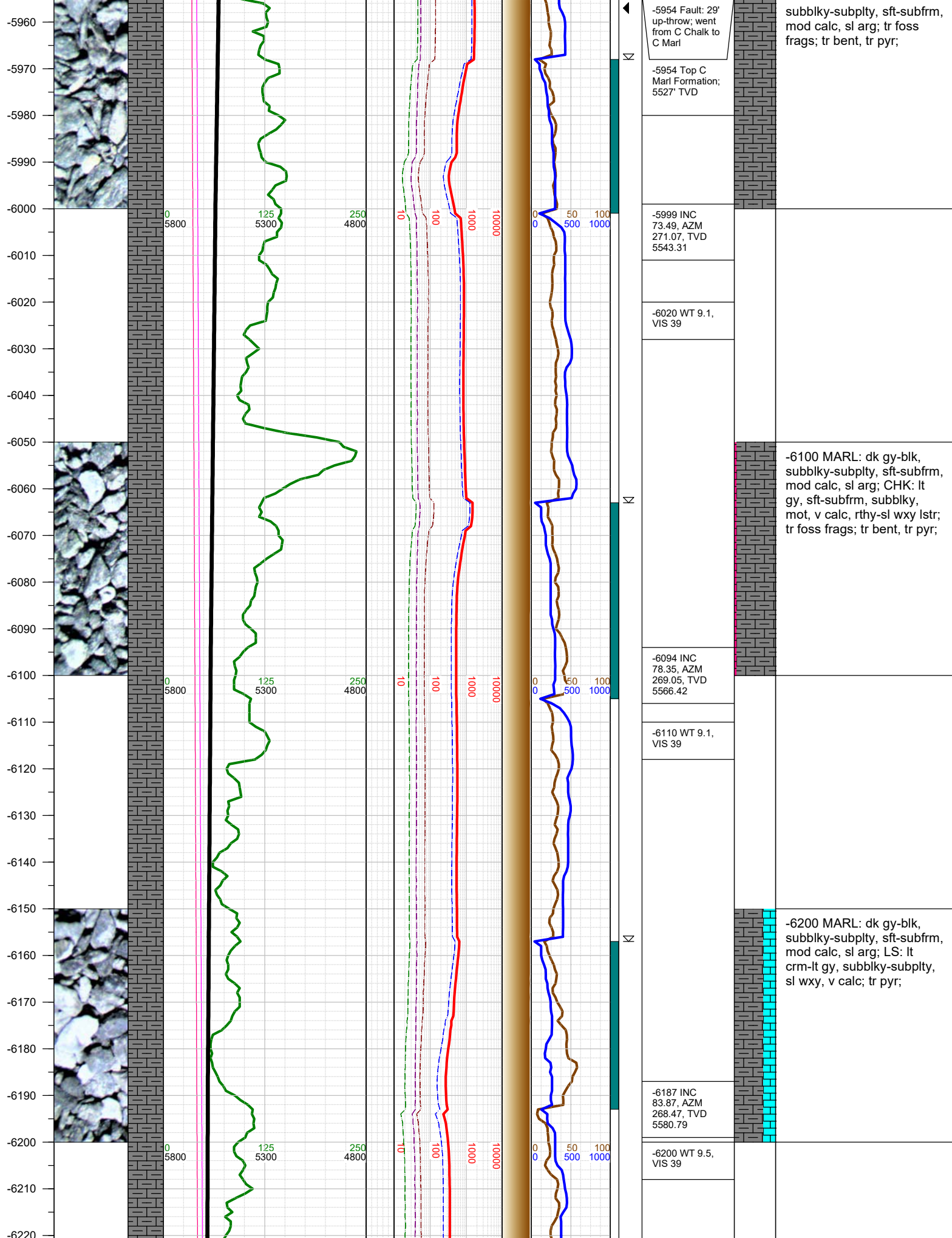
-4750 SHLY SLTST: med
gy-drk gy, frm, blk-
subblky, gr-rthy, sl calc,
sme v f sd interbed; SHLY
SS: lt-med gy, fri, f gr,
subrnd-subang, w srt, sl
calc cmt;







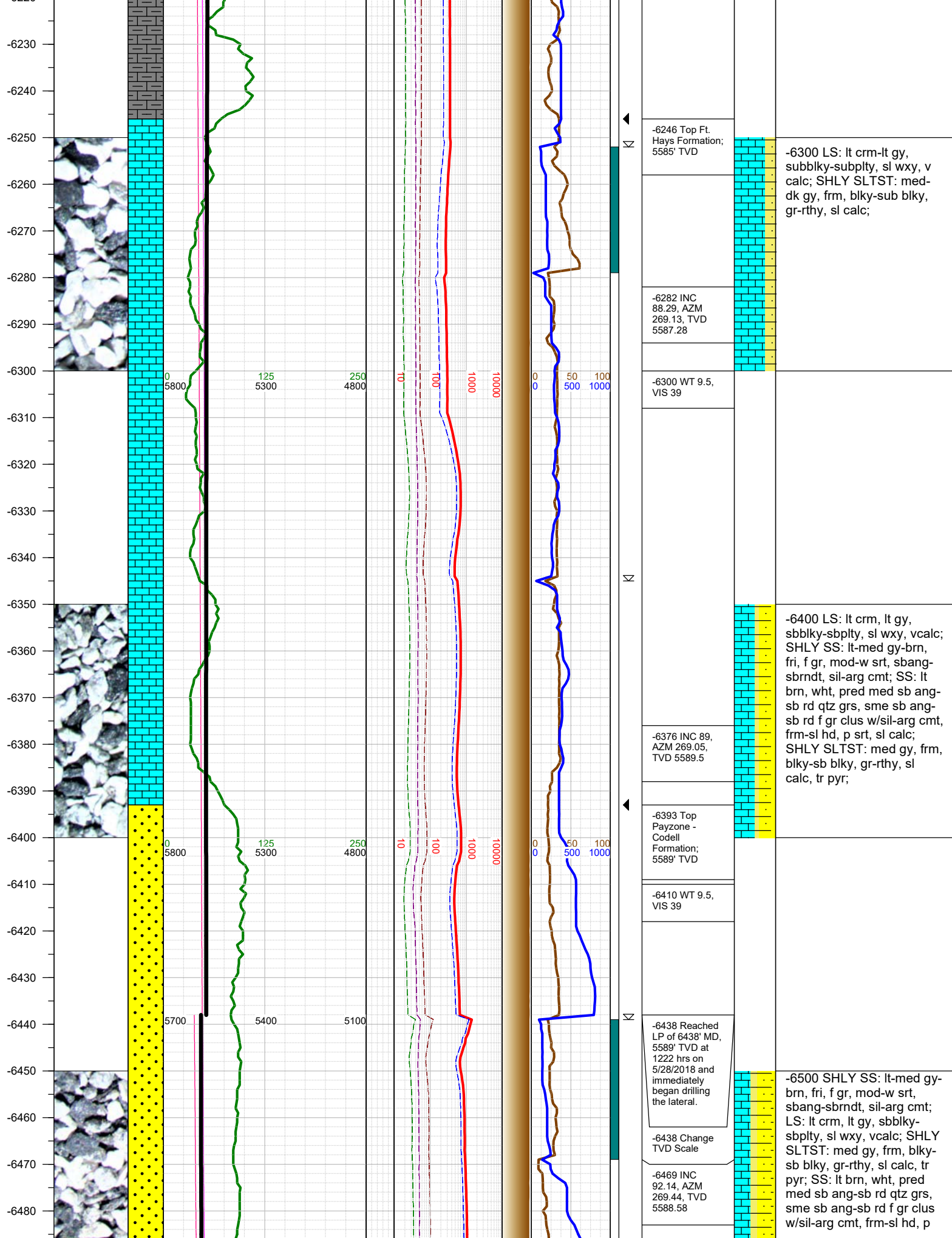


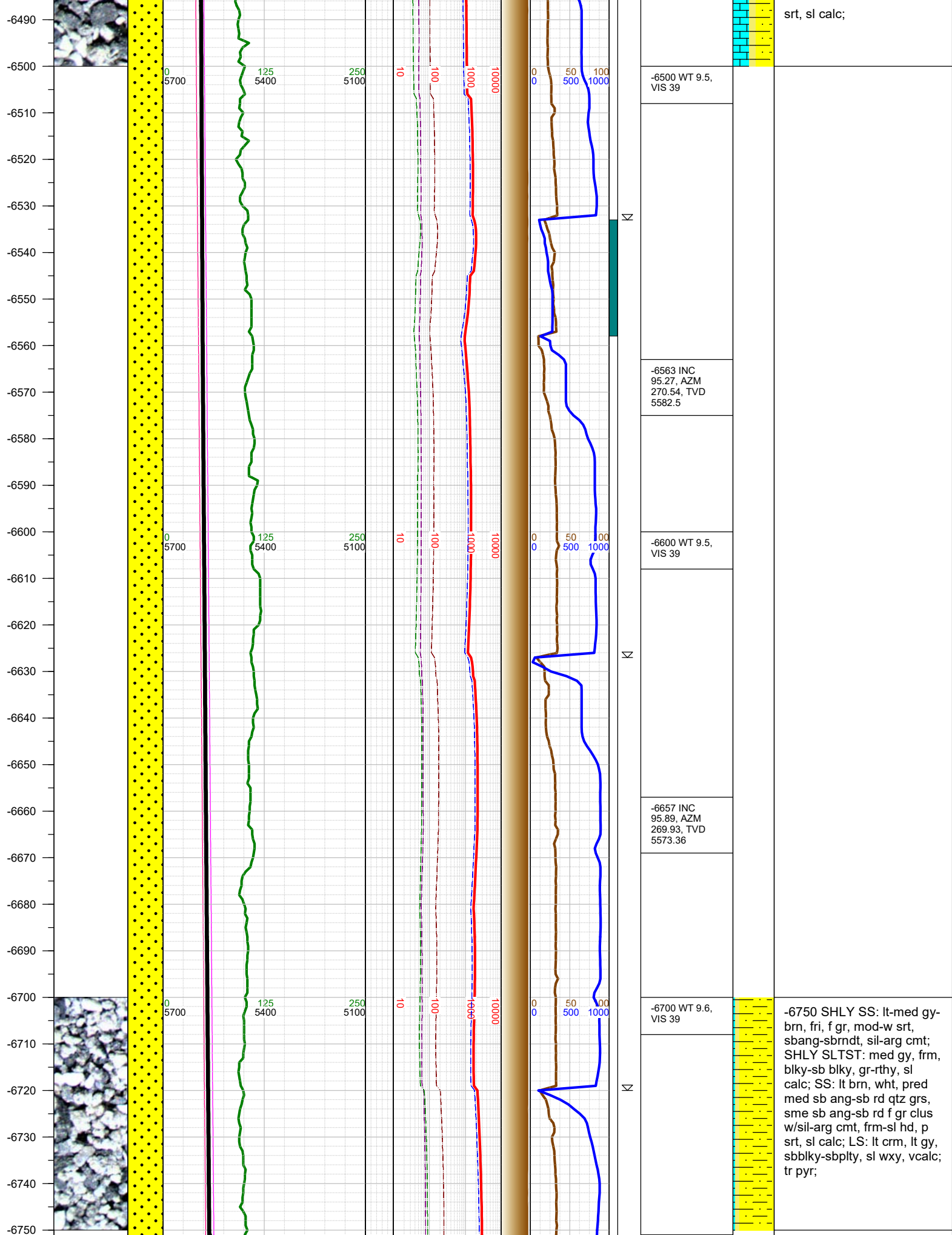


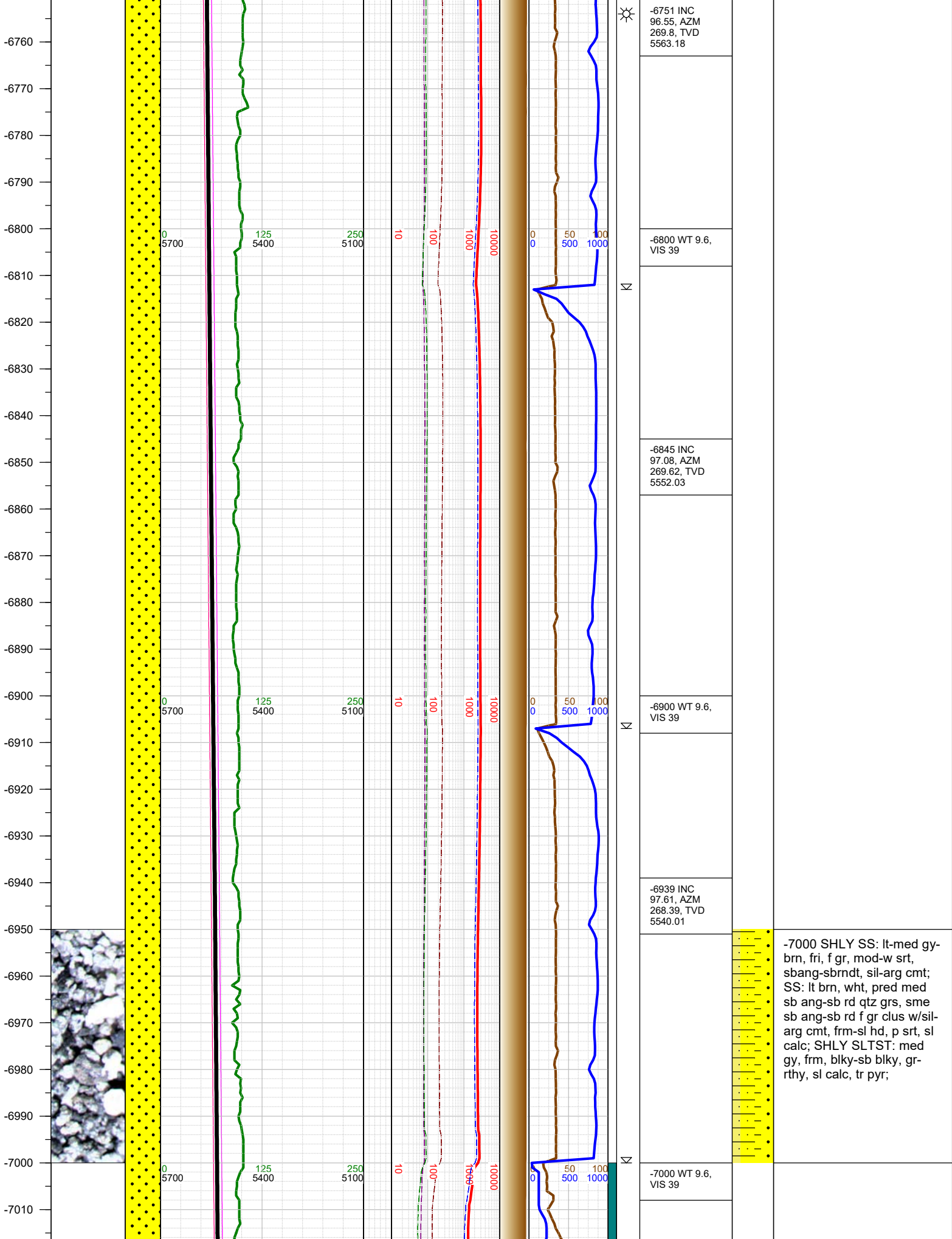
subblky-subpity, sft-subfrm, mod calc, sl arg; tr foss frags; tr bent, tr pyr;

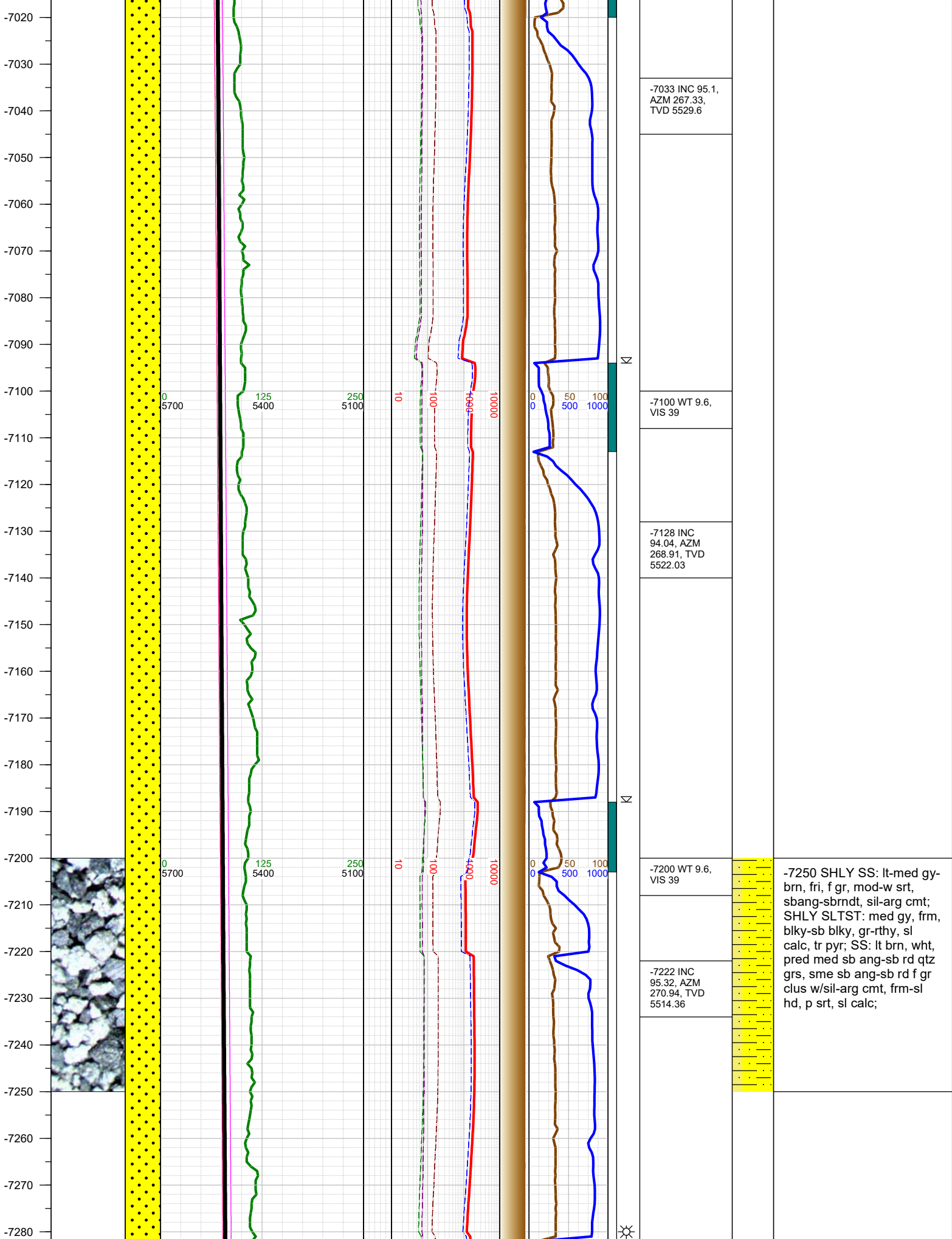
-6100 MARL: dk gy-blk, subblky-subpity, sft-subfrm, mod calc, sl arg; CHK: lt gy, sft-subfrm, subblky, mot, v calc, rthy-sl wxy lstr; tr foss frags; tr bent, tr pyr;

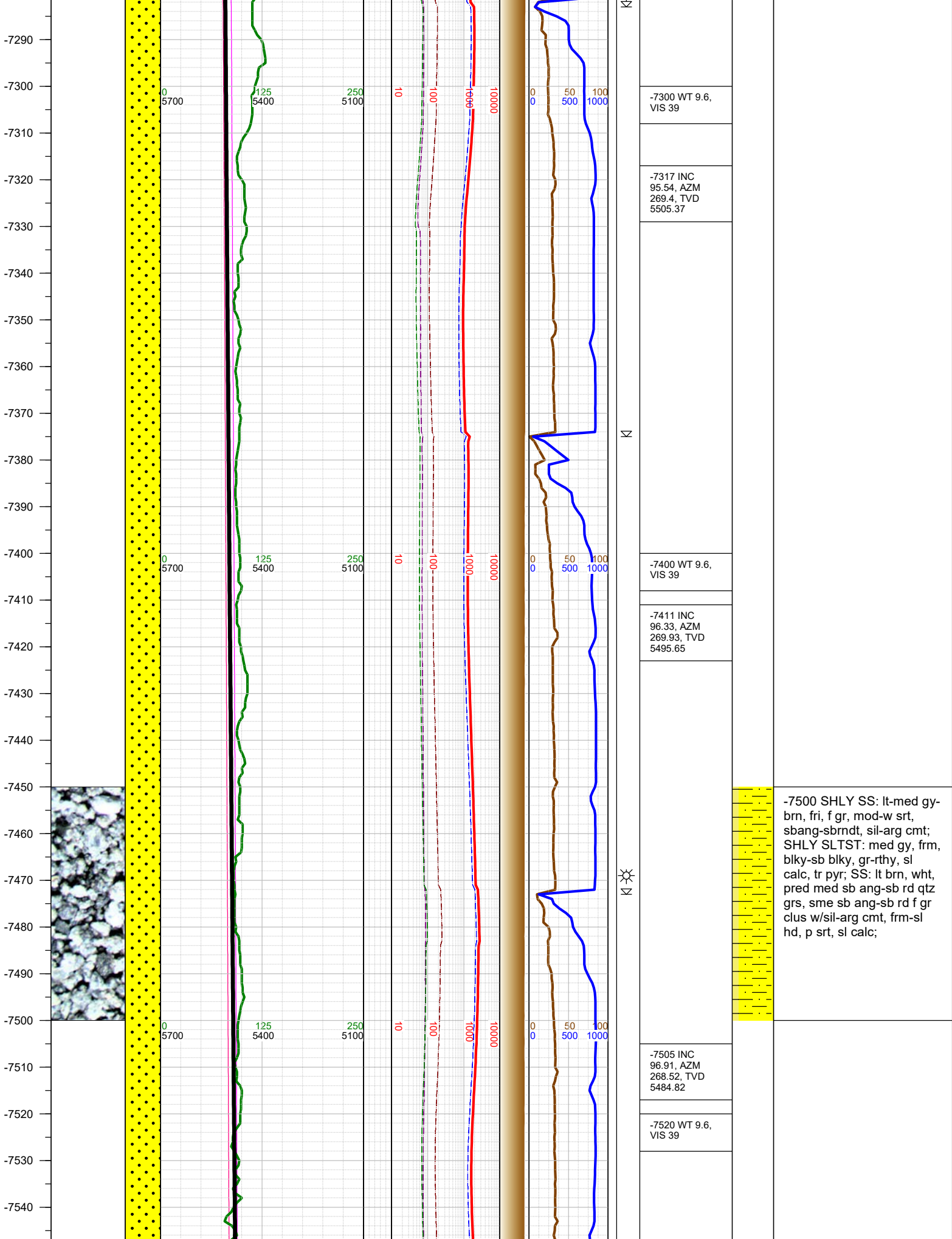
-6200 MARL: dk gy-blk, subblky-subpity, sft-subfrm, mod calc, sl arg; LS: lt crm-lt gy, subblky-subpity, sl wxy, v calc; tr pyr;

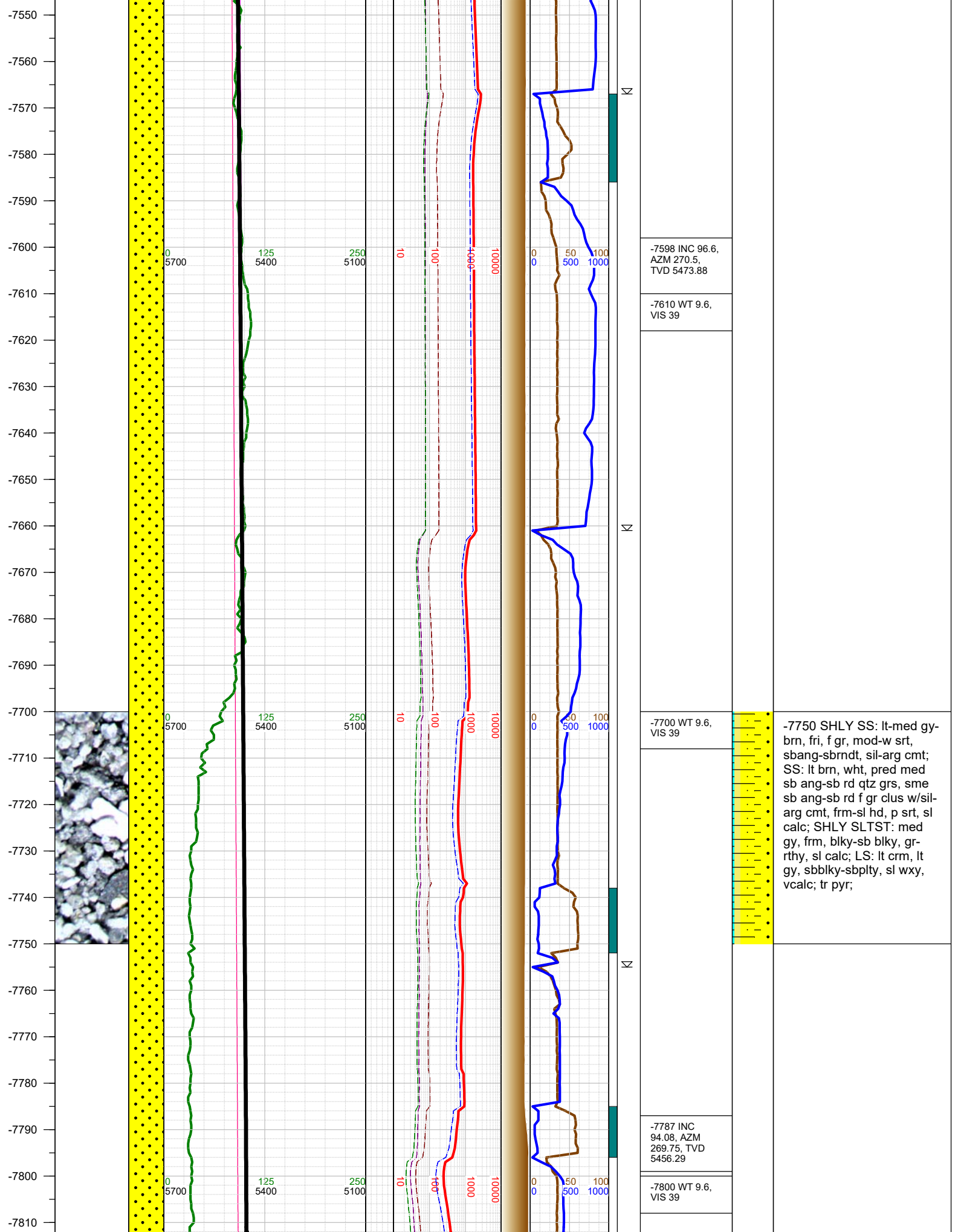


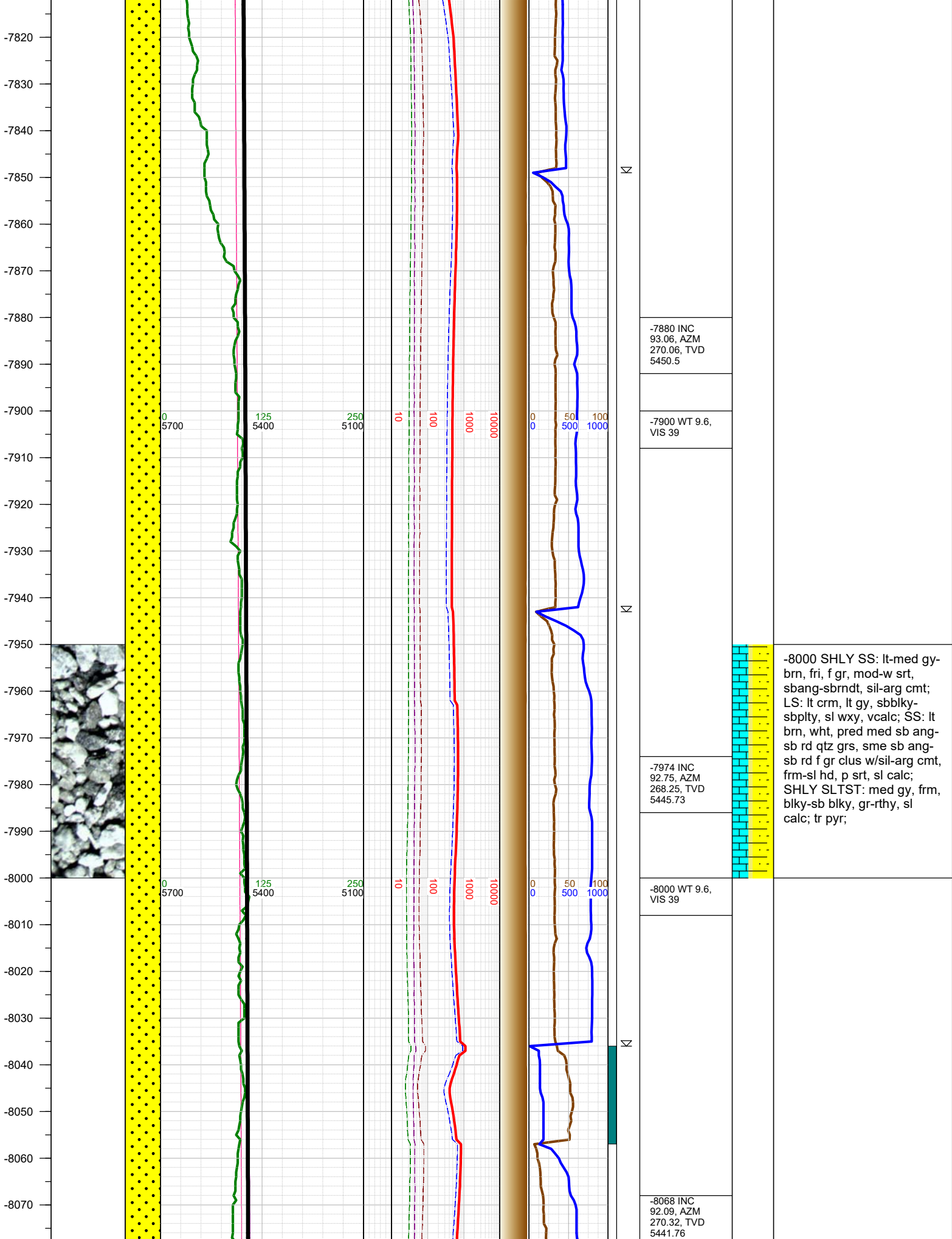


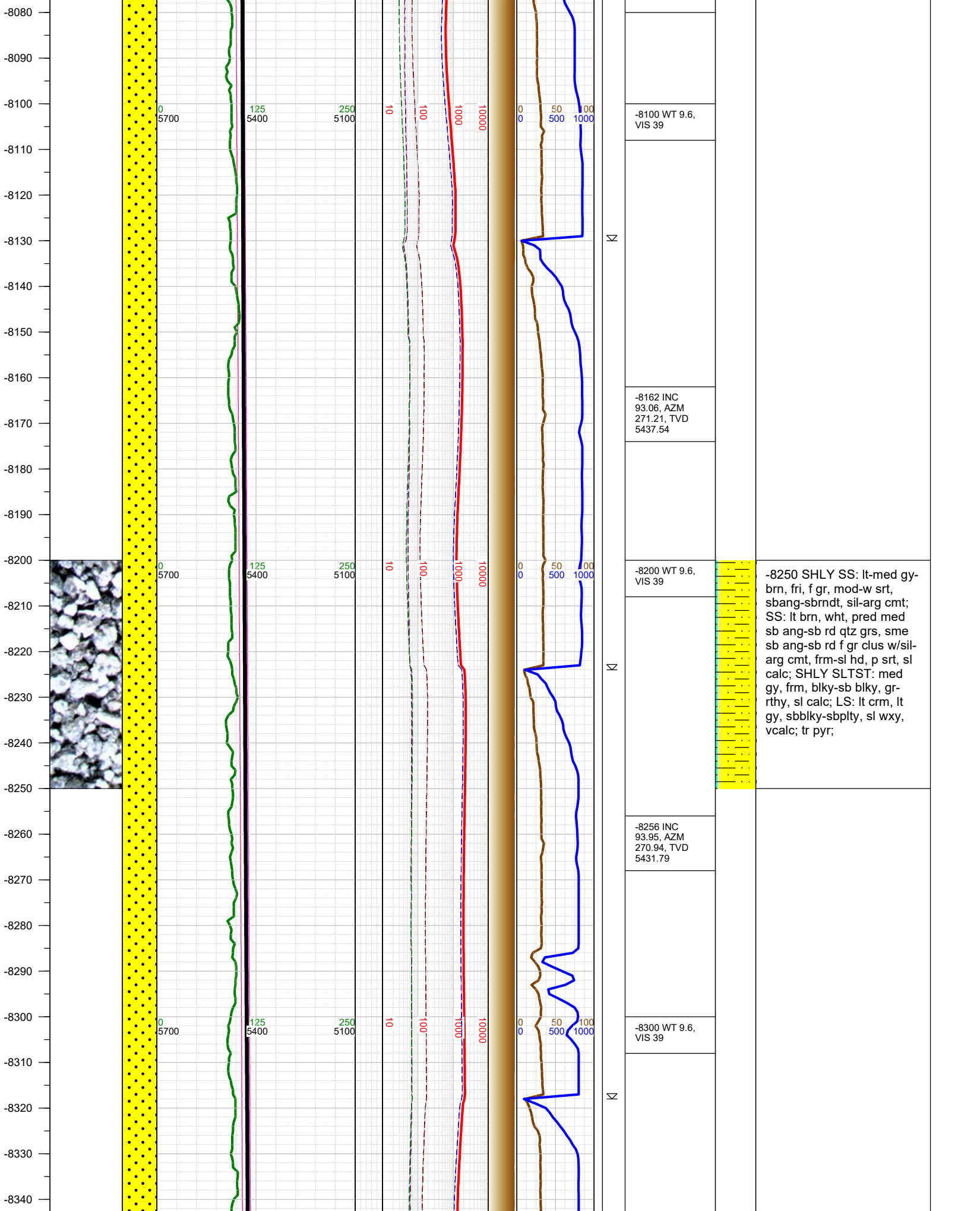


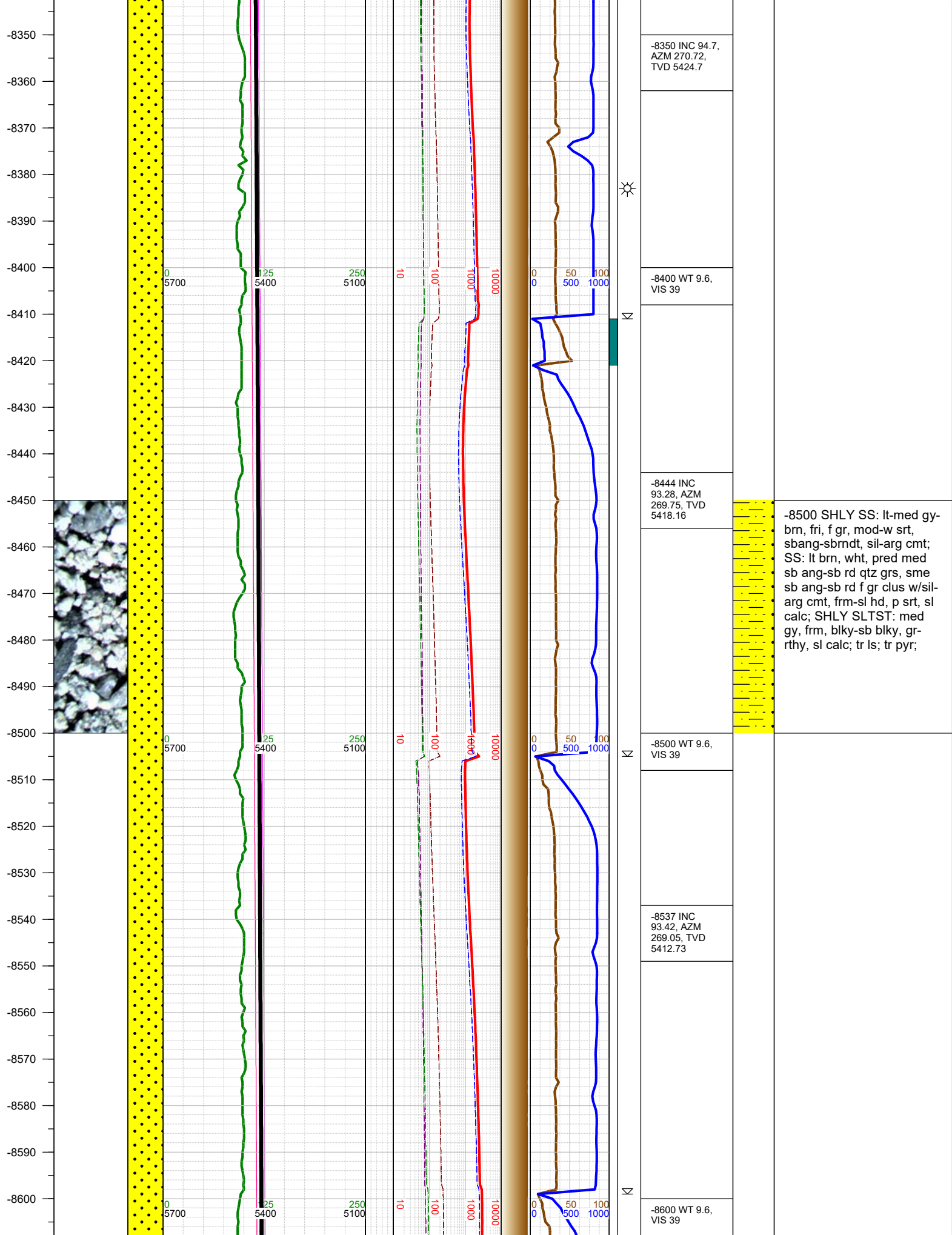


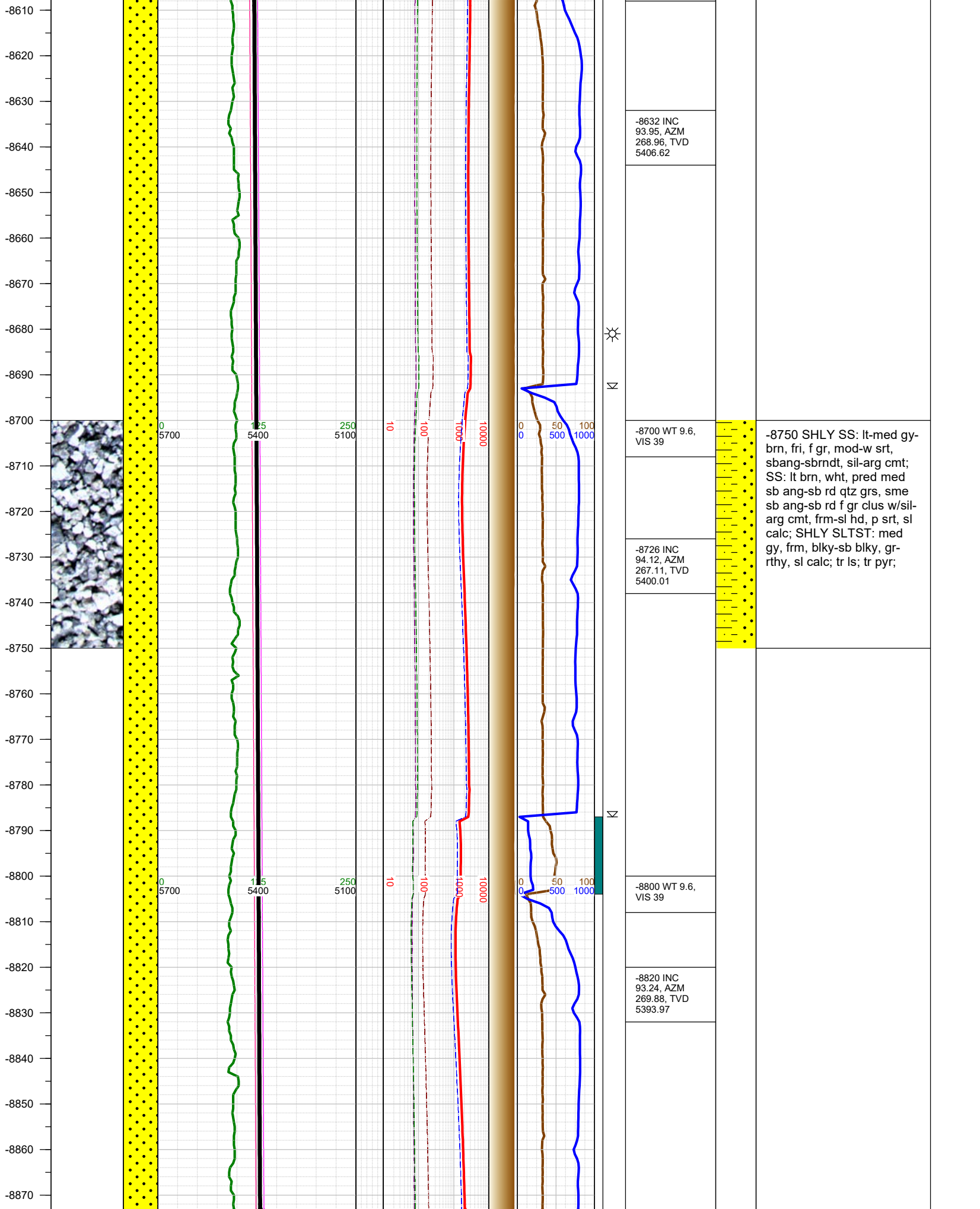


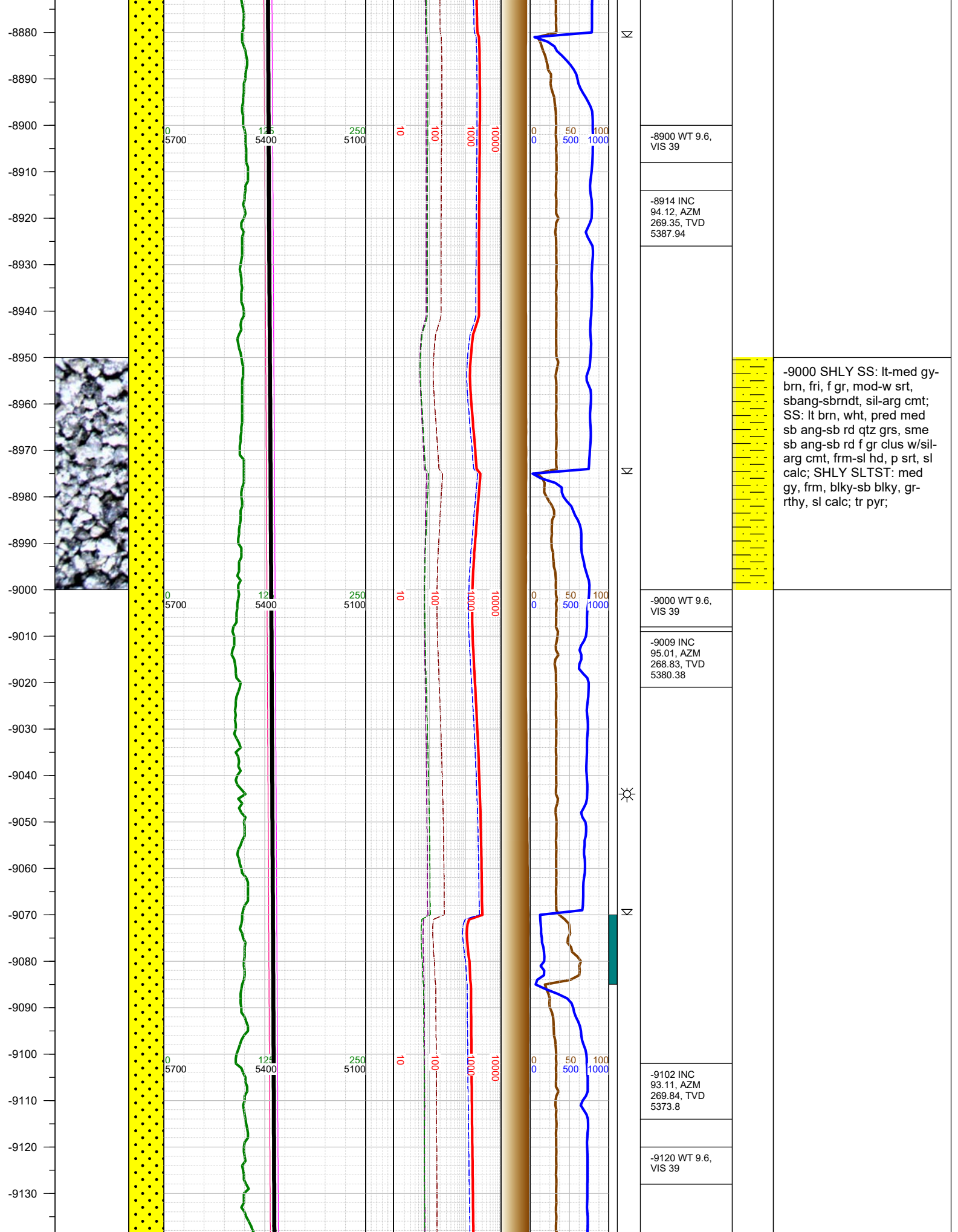


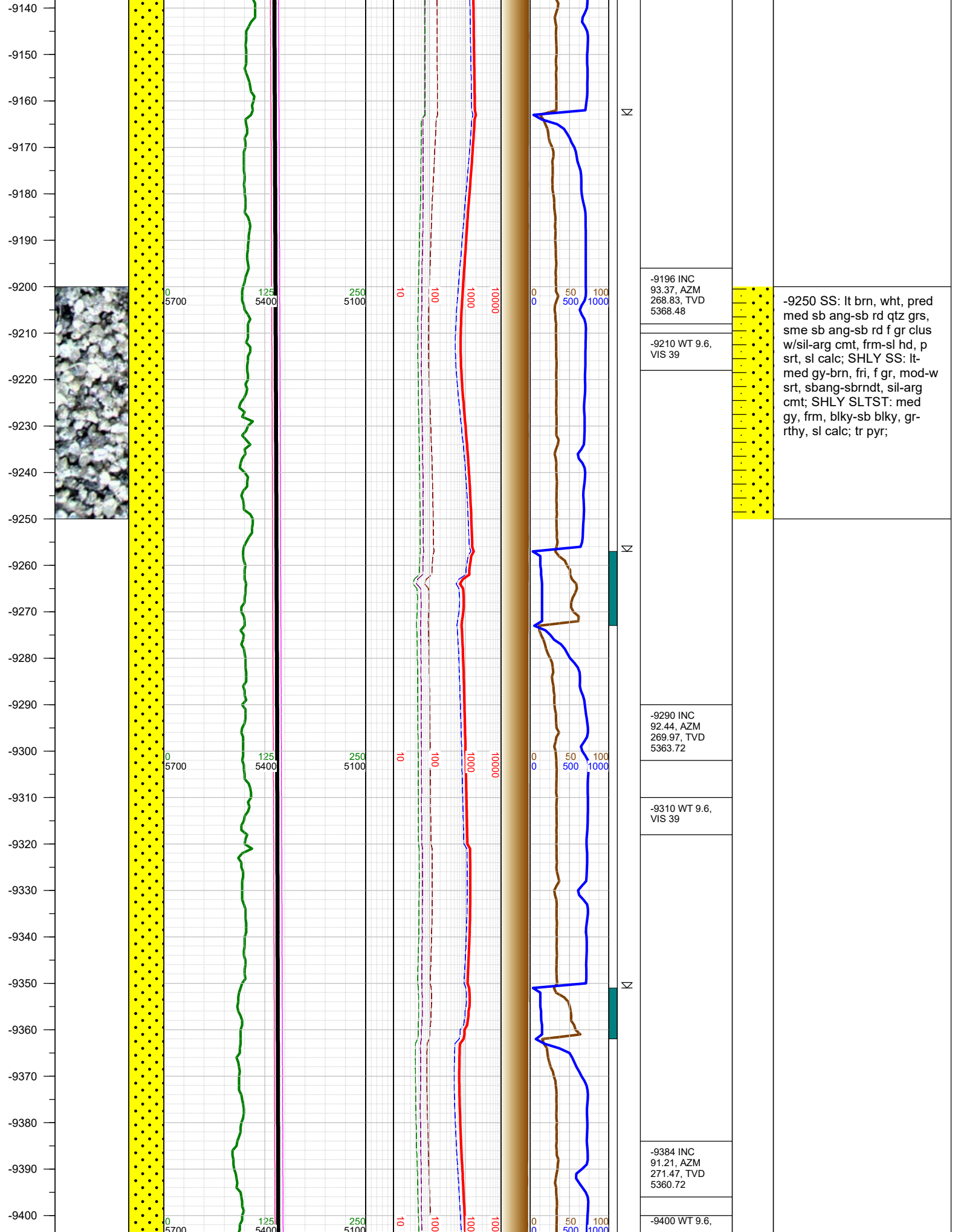


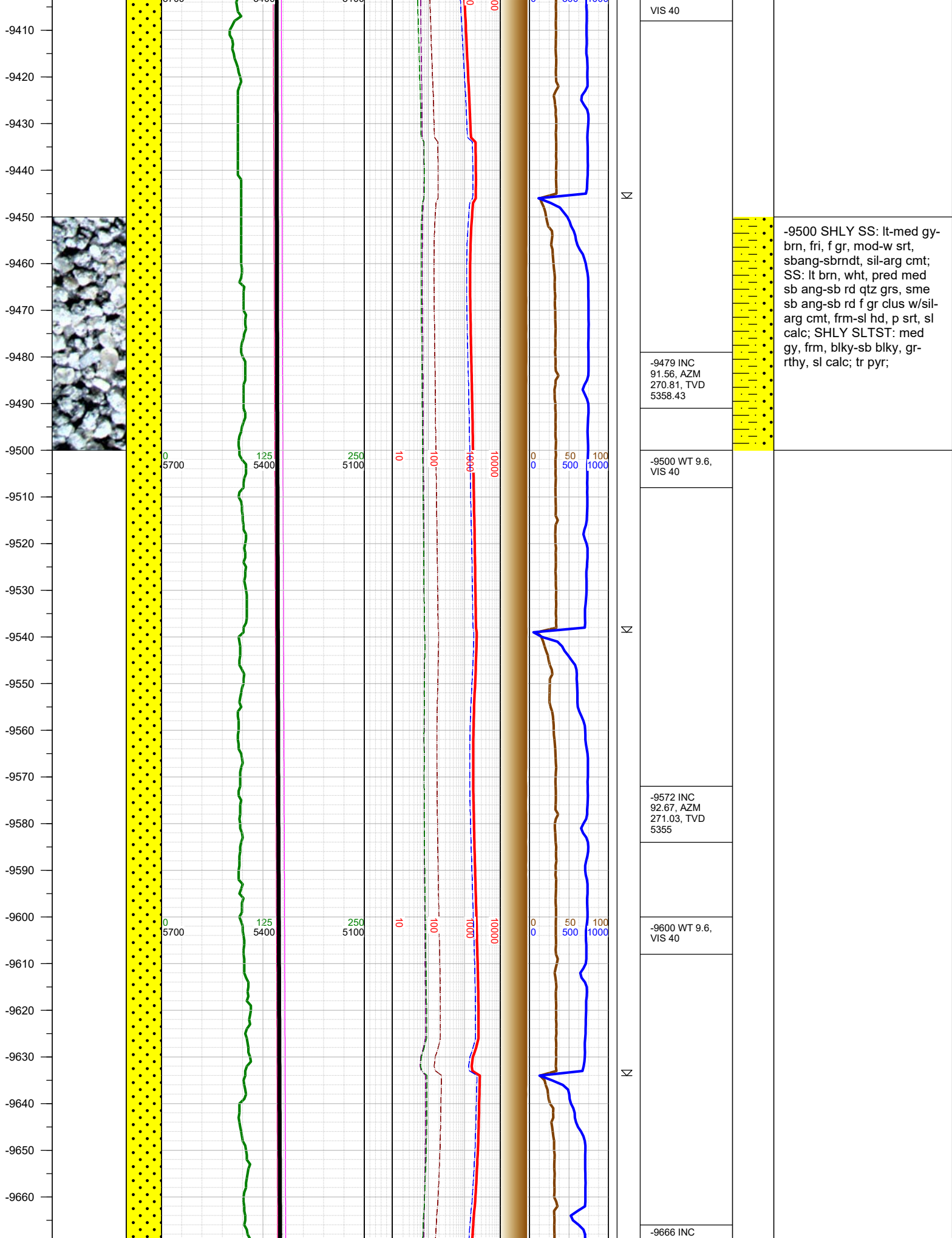


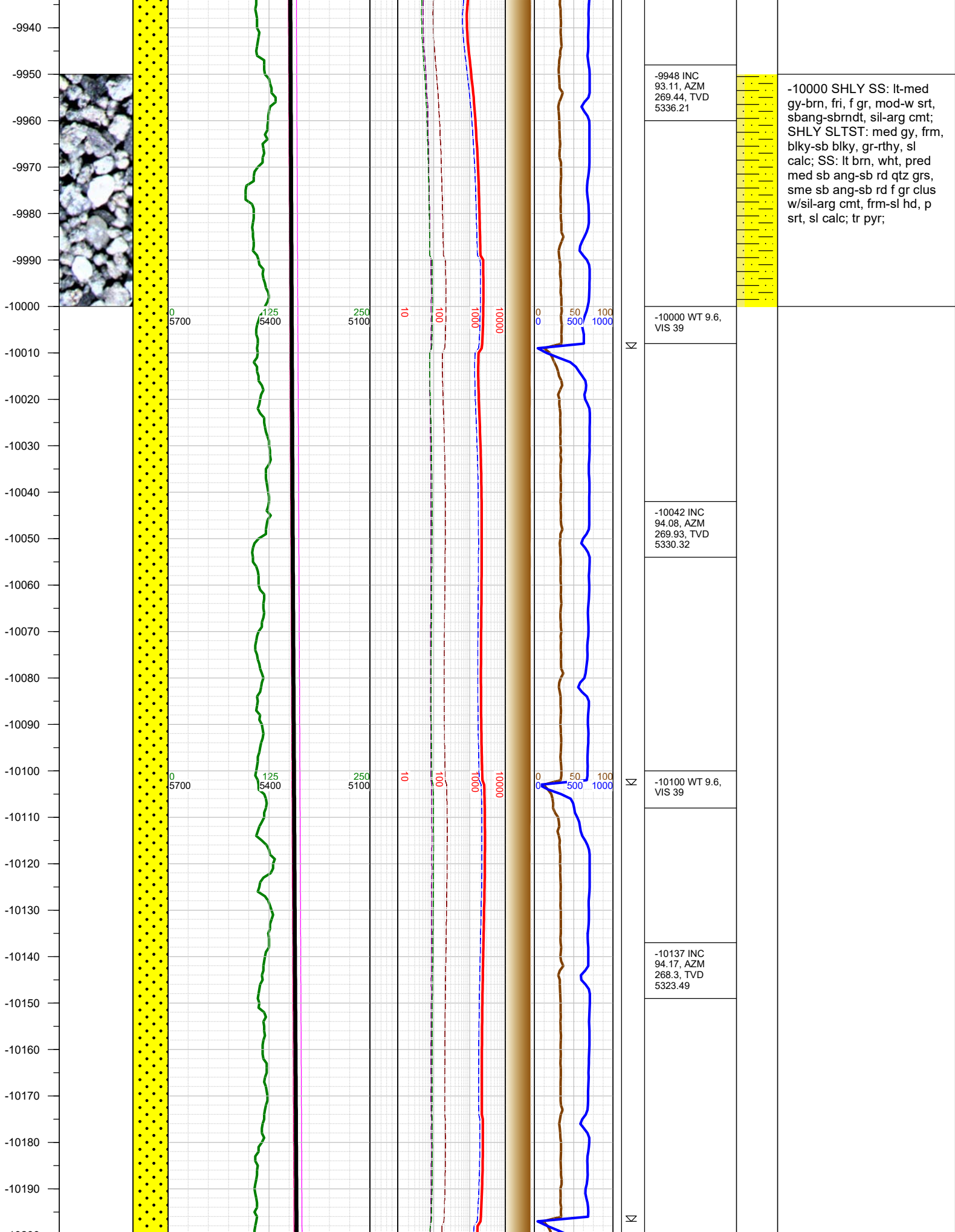


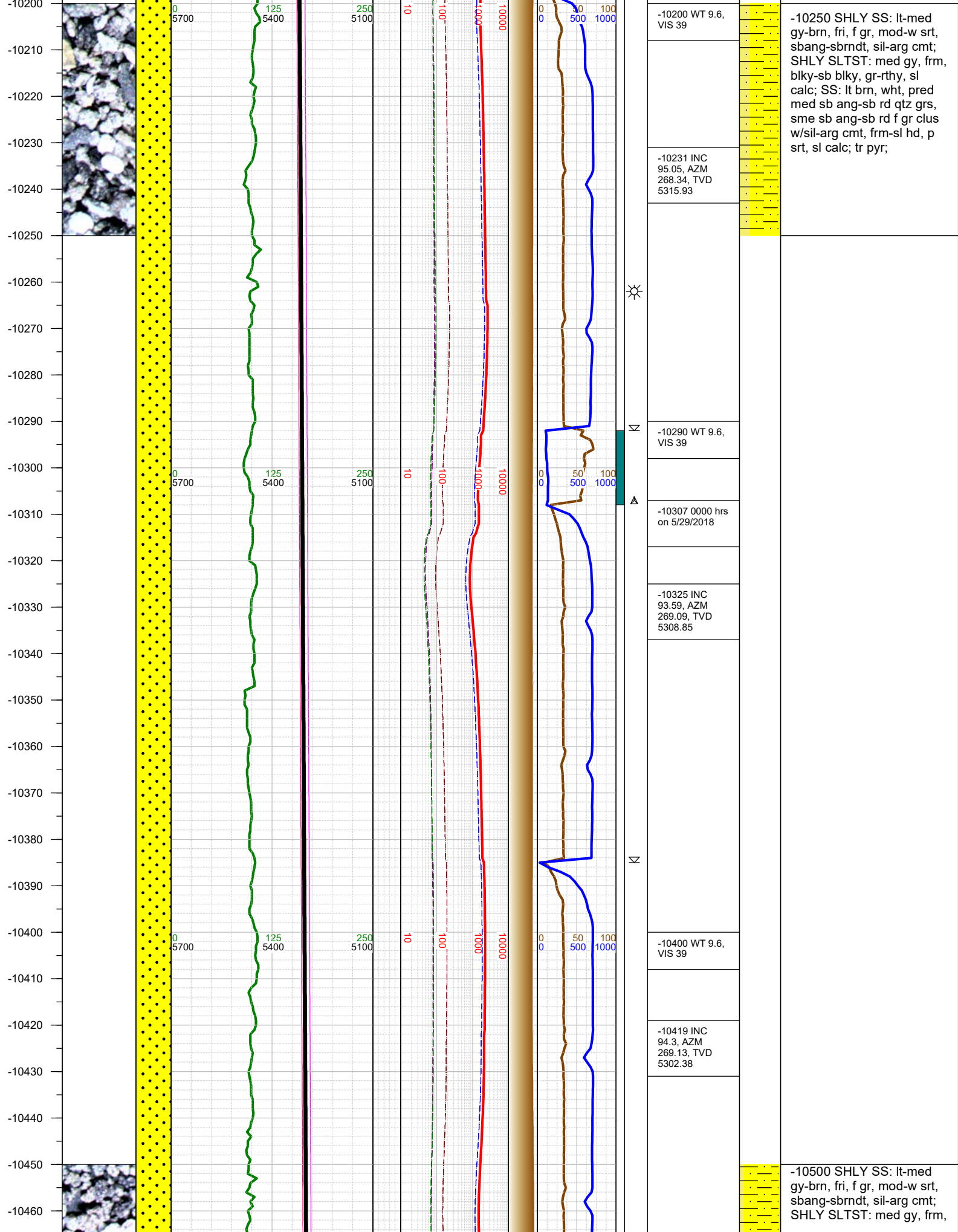




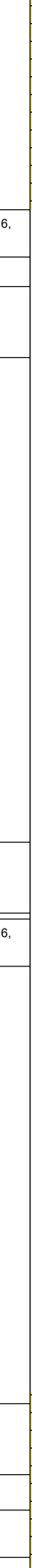
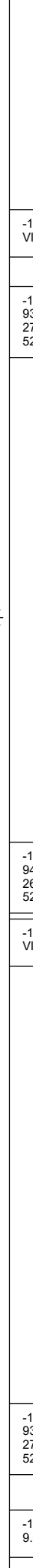
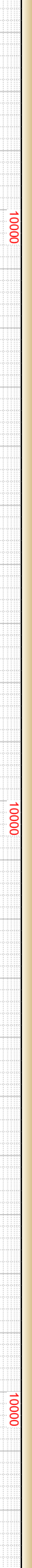
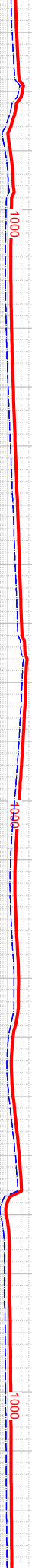
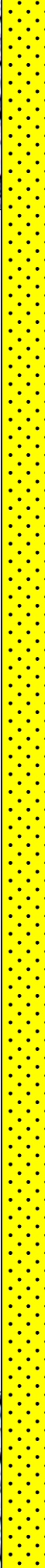
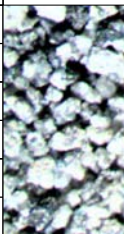
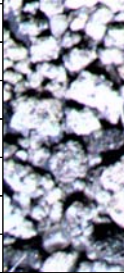








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-10500 WT 9.6,
VIS 40

-10513 INC
93.77, AZM
270.41, TVD
5295.77

-10607 INC
94.96, AZM
269.75, TVD
5288.61

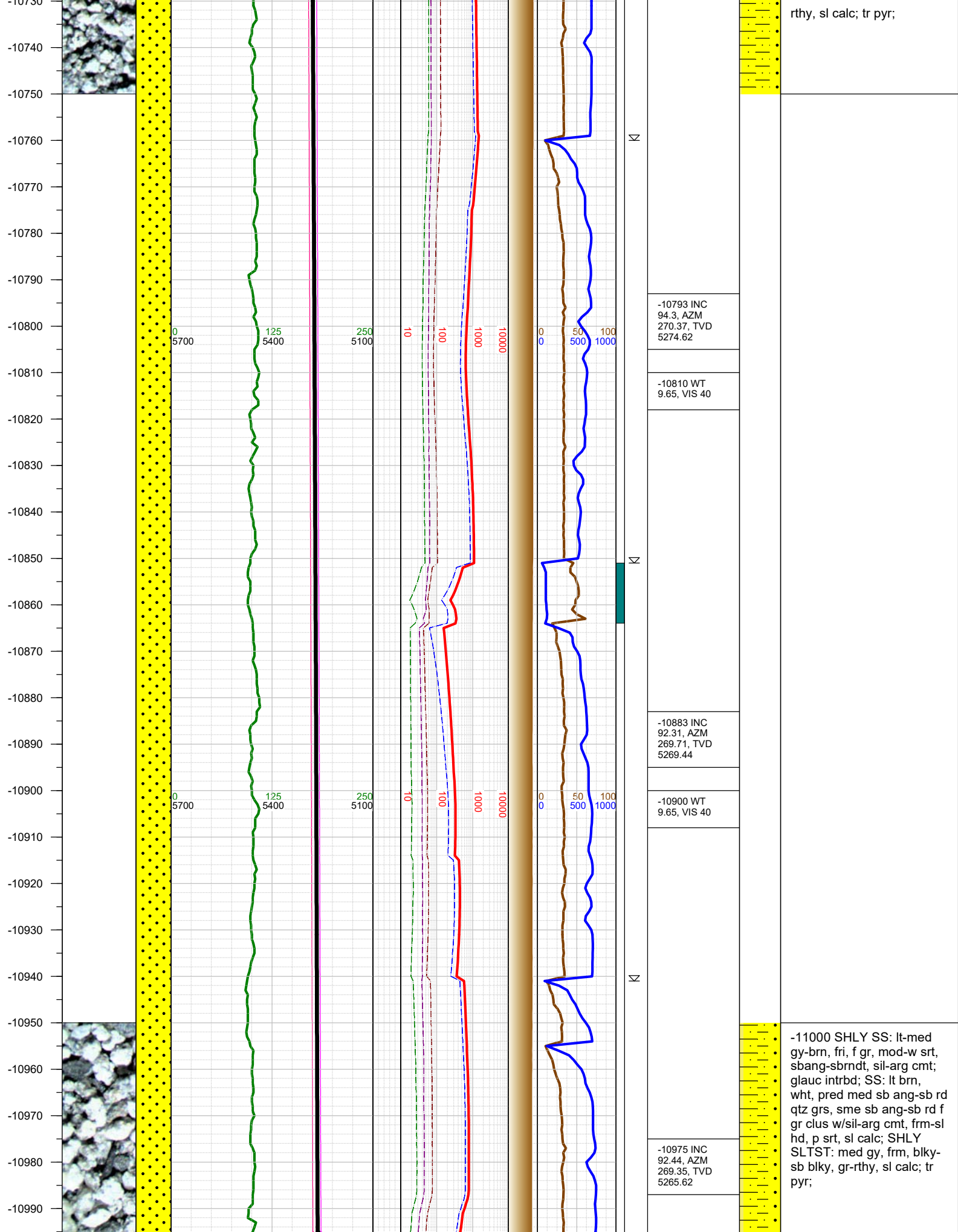
-10620 WT 9.6,
VIS 40

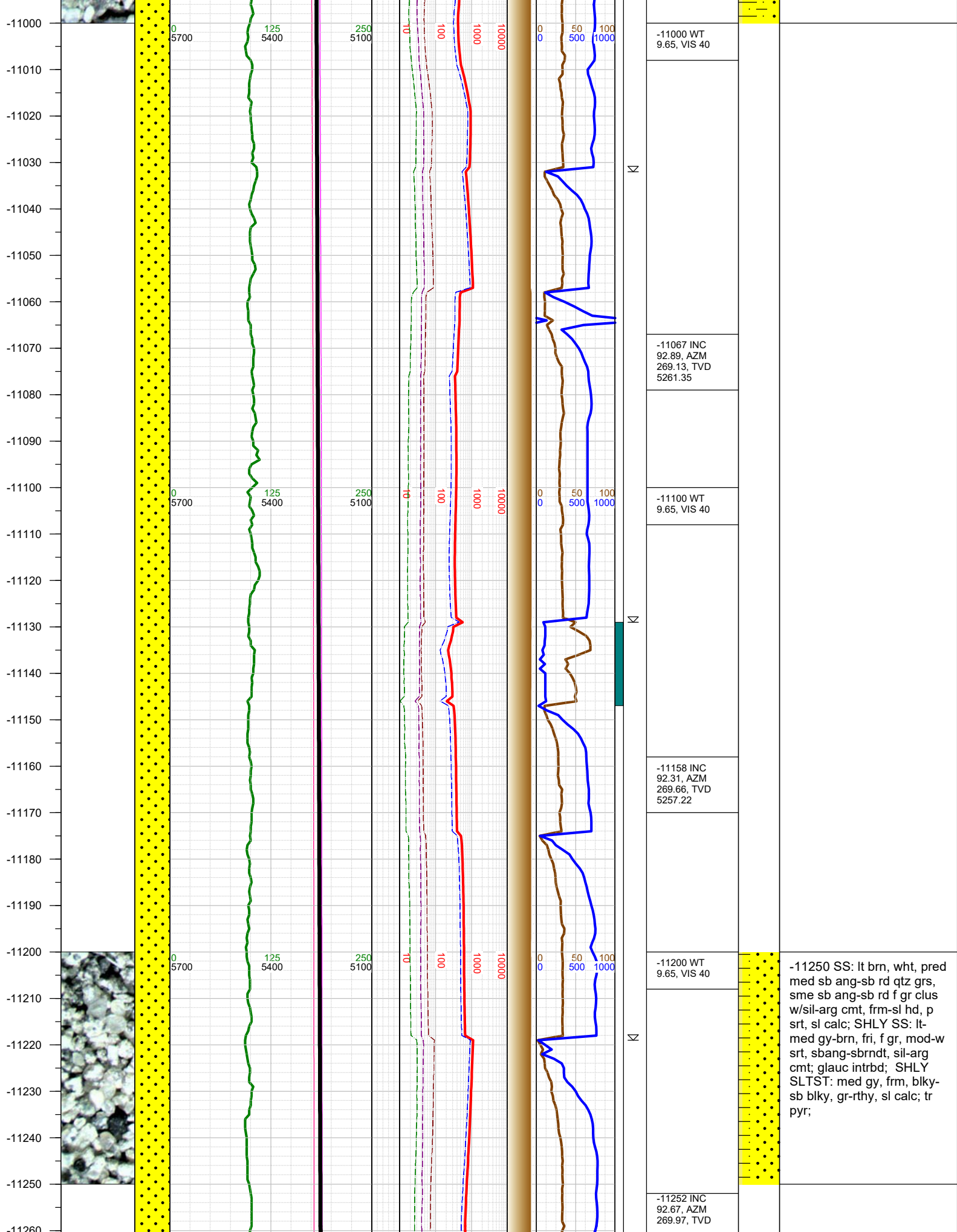
-10702 INC
93.99, AZM
271.12, TVD
5281.2

-10720 WT
9.65, VIS 40

blky-sb blky, gr-rthy, sl
calc; SS: lt brn, wht, 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, sl calc; tr pyr;

-10750 SHLY SS: lt-med
gy-brn, fri, f gr, mod-w srt,
sbang-sbrndt, sil-arg cmt;
SS: lt brn, wht, 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, sl
calc; SHLY SLTST: med
gy, frm, blky-sb blky, gr-





-11000 WT
9.65, VIS 40

-11067 INC
92.89, AZM
269.13, TVD
5261.35

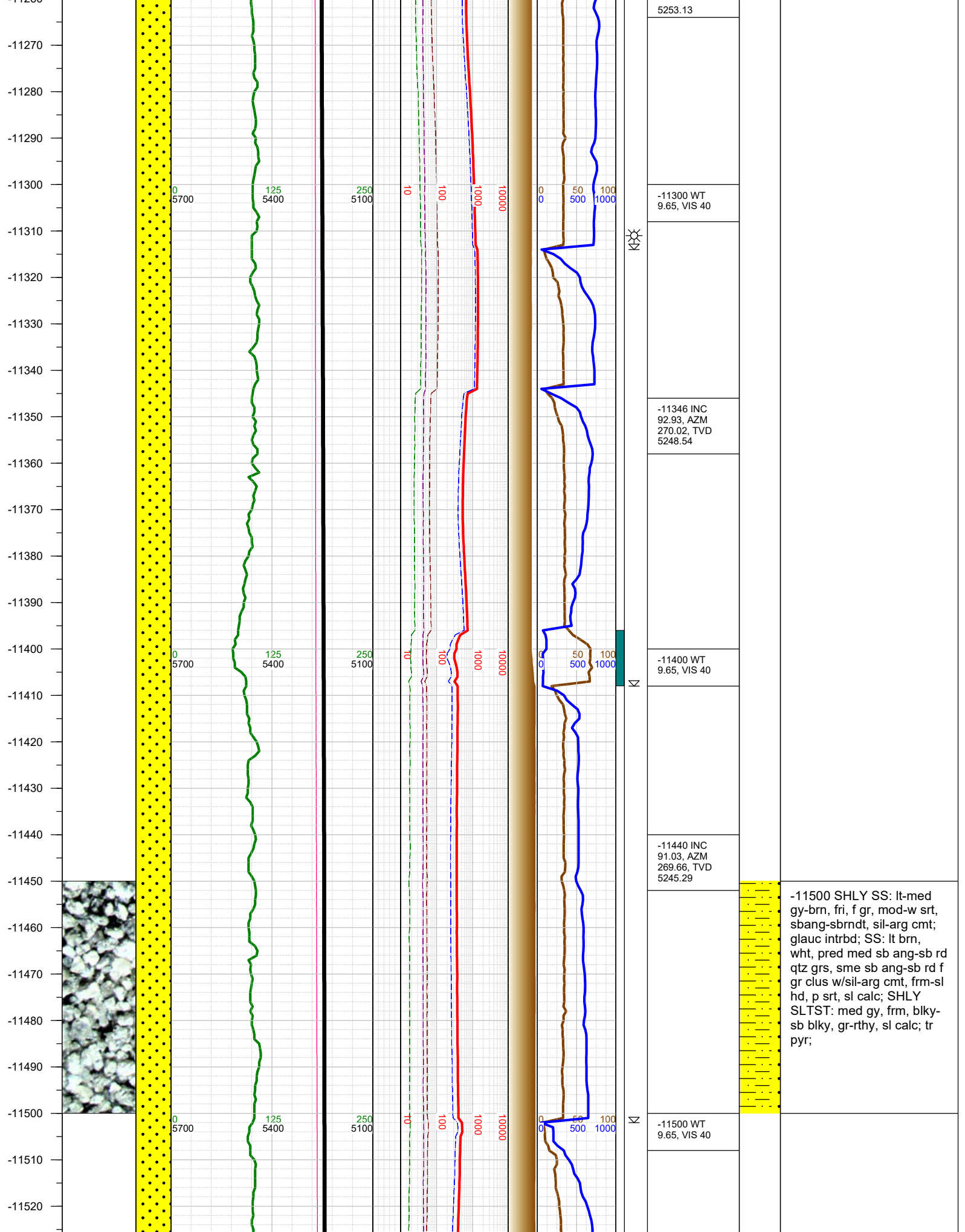
-11100 WT
9.65, VIS 40

-11158 INC
92.31, AZM
269.66, TVD
5257.22

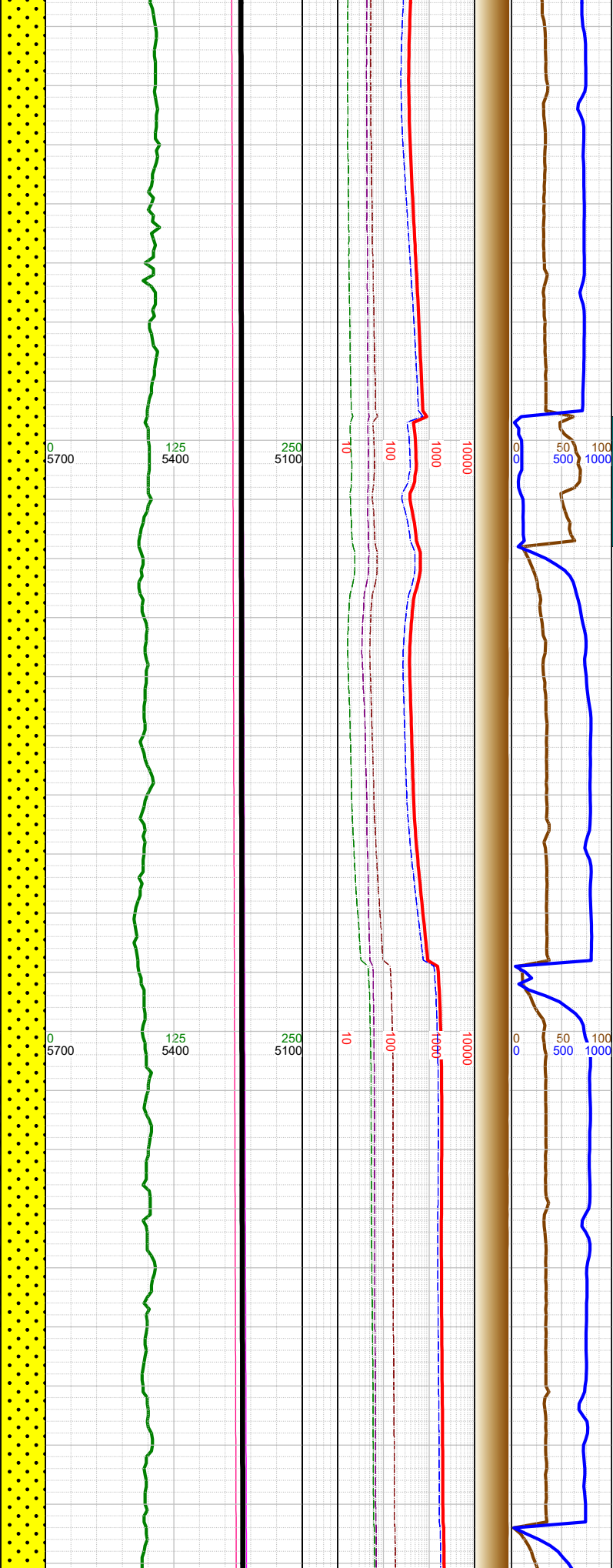
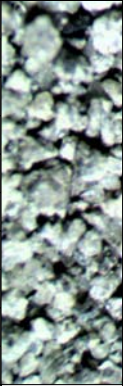
-11200 WT
9.65, VIS 40

-11252 INC
92.67, AZM
269.97, TVD

-11250 SS: lt brn, wht, 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, sl calc; SHLY SS: lt-med gy-brn, fri, f gr, mod-w srt, sbang-sbrndt, sil-arg cmt; glauc intrbd; SHLY SLTST: med gy, frm, blkysb blkys, gr-rthy, sl calc; tr pyr;



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-11534 INC
91.07, AZM
268.34, TVD
5243.57

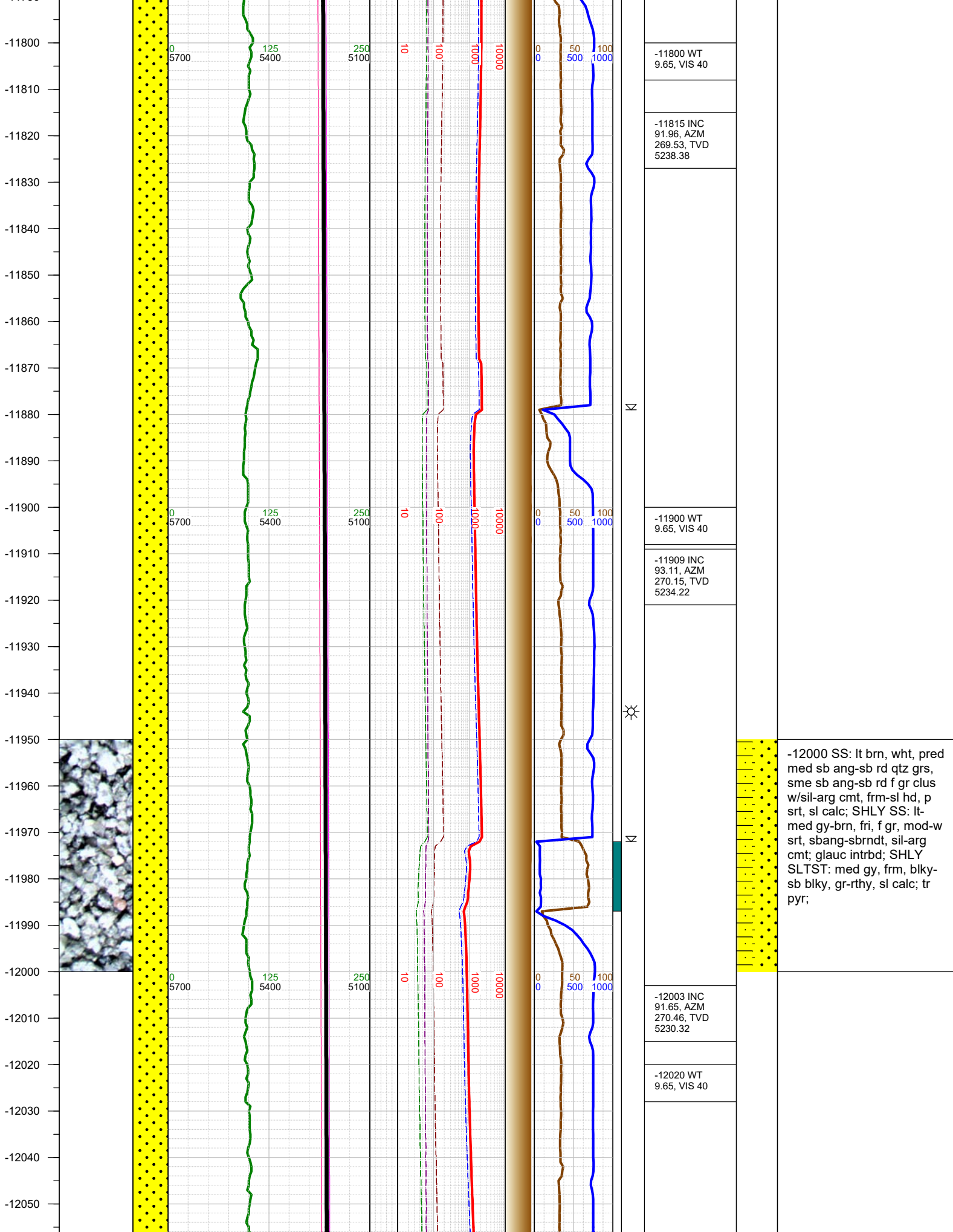
-11600 WT
9.65, VIS 40

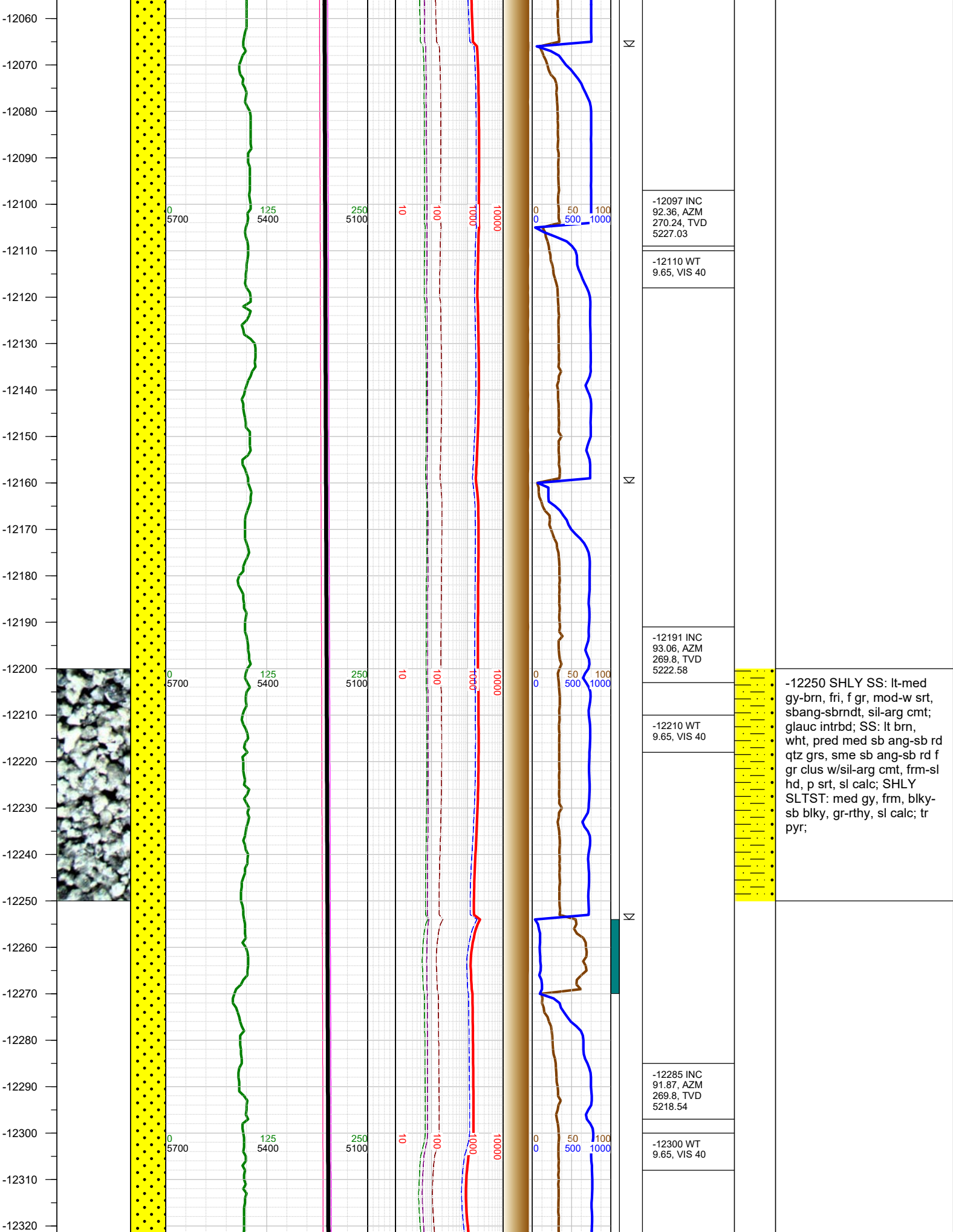
-11628 INC
90.41, AZM
270.37, TVD
5242.36

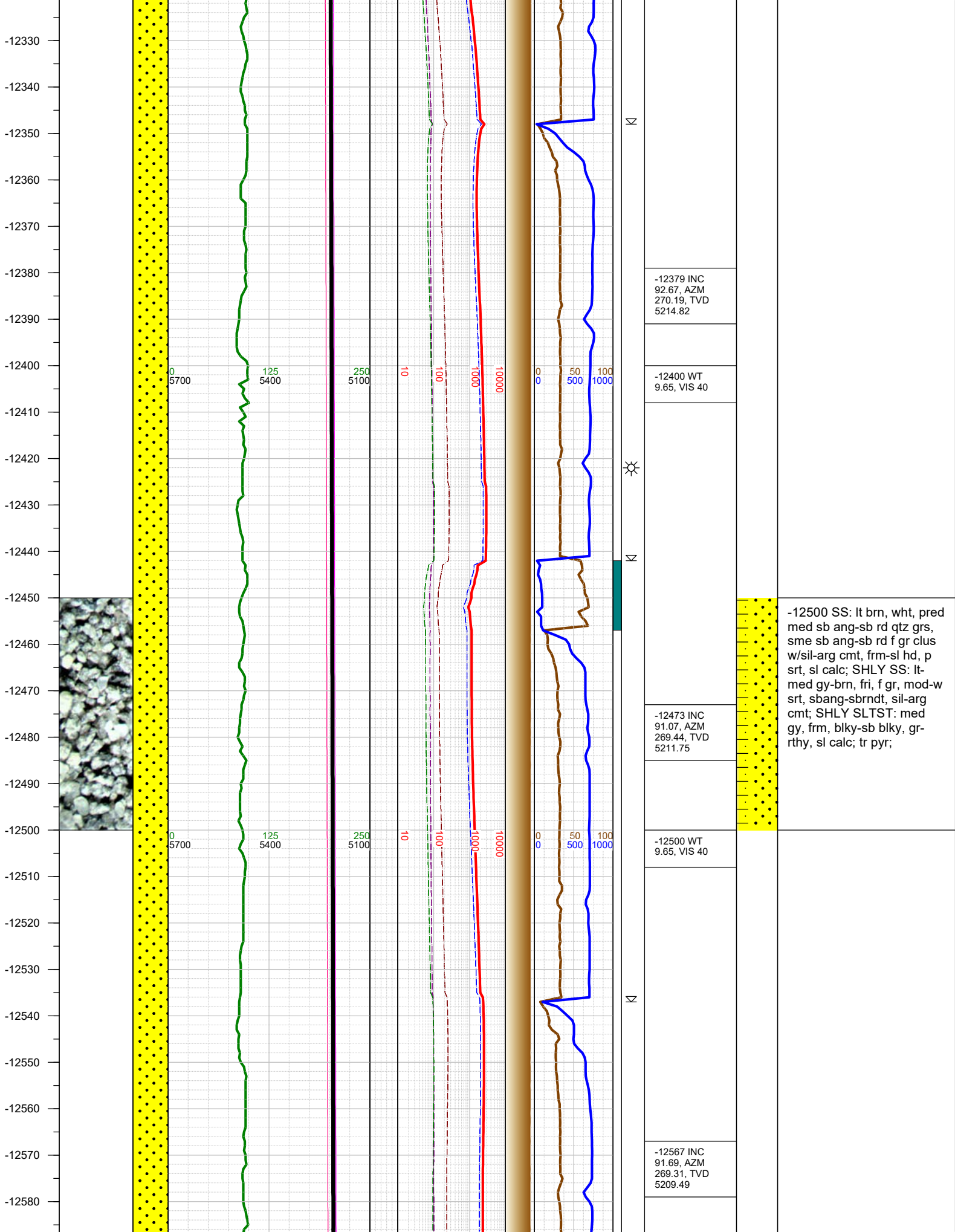
-11700 WT
9.65, VIS 40

-11721 INC
91.25, AZM
270.81, TVD
5241.01

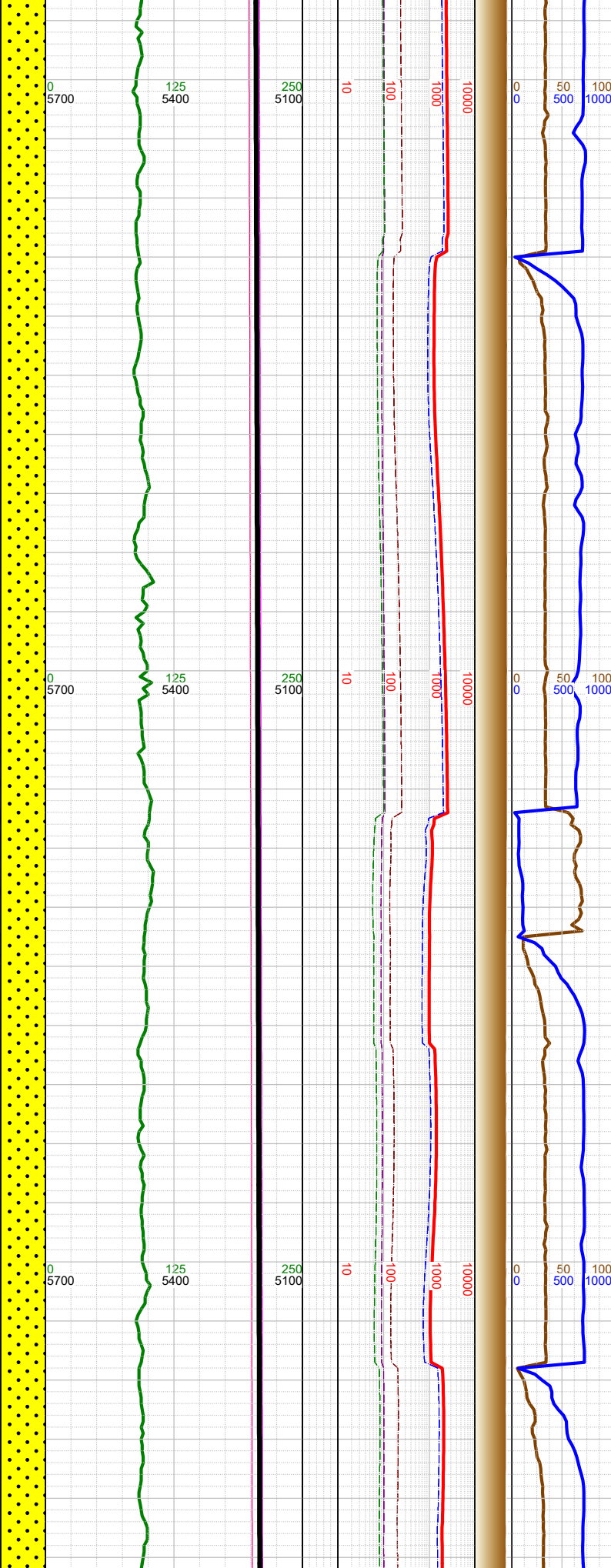
-11750 SHLY SS: lt-med
gy-brn, fri, f gr, mod-w srt,
sbang-sbrndt, sil-arg cmt;
glauc intrbd; SS: lt brn,
wht, pred med sb ang-sb rd
qtz grs, sme sb ang-sb rd f
gr clus w/sil-arg cmt, frm-sl
hd, p srt, sl calc; SHLY
SLTST: med gy, frm, blk-
sb blk, gr-rthy, sl calc; tr
pyr;







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-12600 WT 9.7,
VIS 40

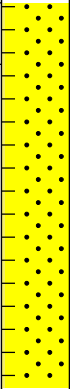
-12661 INC
92.4, AZM
268.52, TVD
5206.13

-12700 WT 9.7,
VIS 40

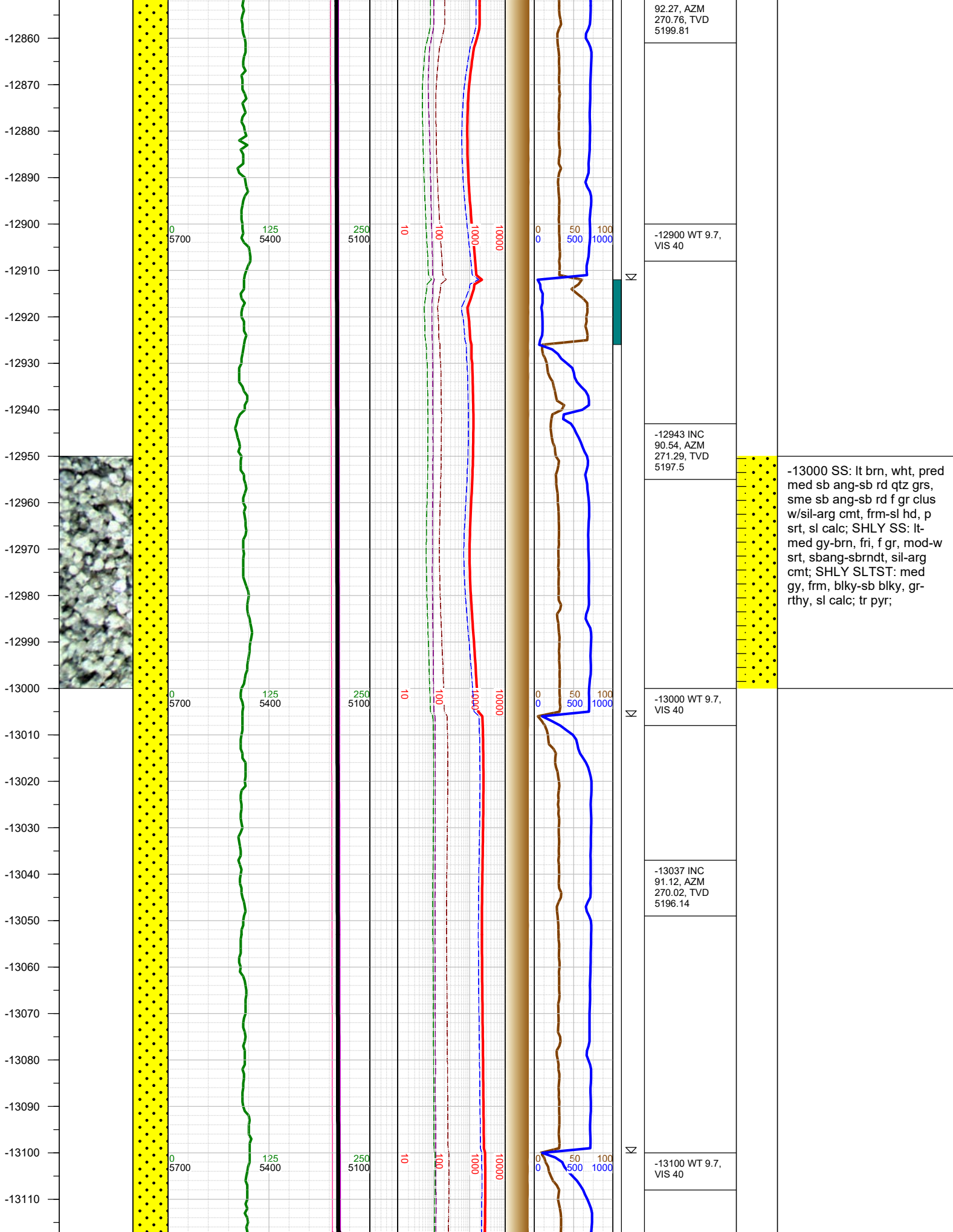
-12755 INC
91.52, AZM
270.63, TVD
5202.92

-12800 WT 9.7,
VIS 40

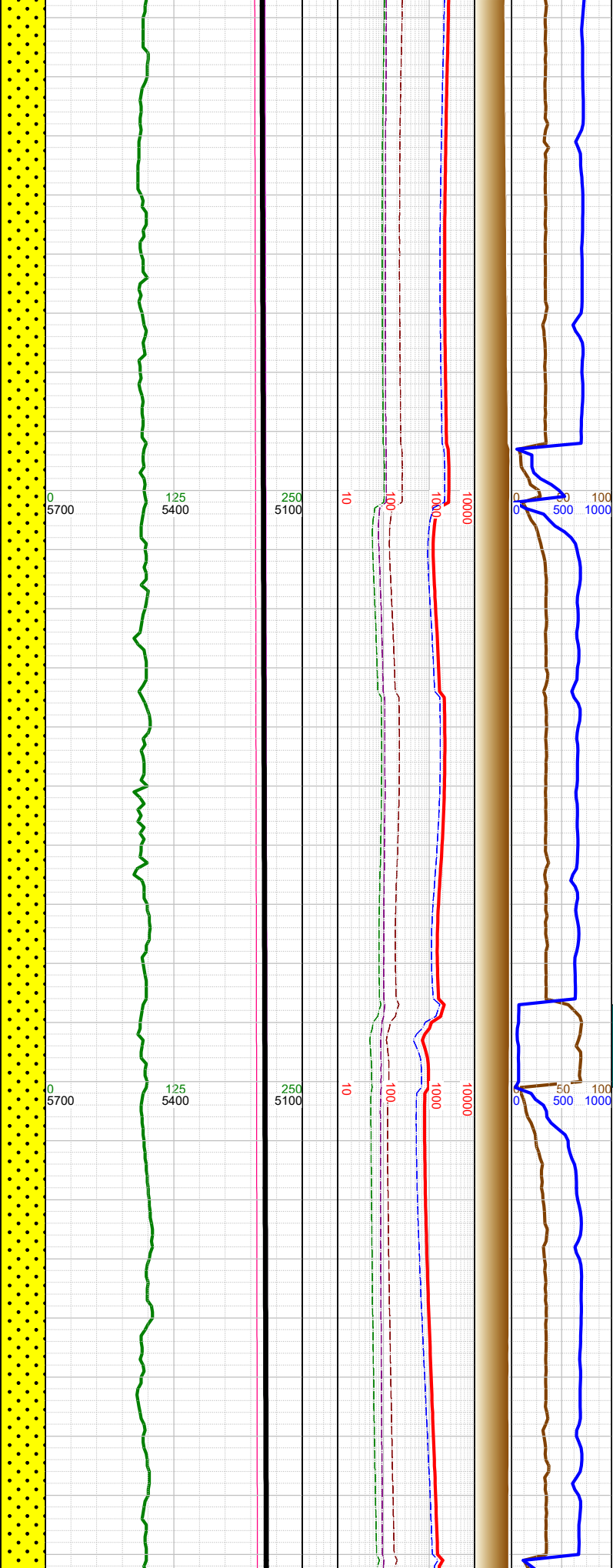
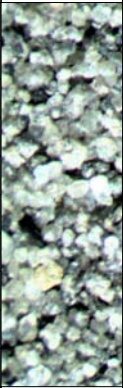
-12849 INC



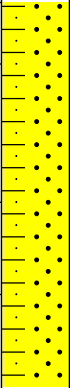
-12750 SS: lt brn, wht, pred
med sb ang-sb rd qtz grs,
sme sb ang-sb rd f gr clus
w/sil-arg cmt, frm-sl hd, p
srt, sl calc; SHLY SS: lt-
med gy-brn, fri, f gr, mod-w
srt, sbang-sbrndt, sil-arg
cmt; SHLY SLTST: med
gy, frm, blk-sb blk, gr-
rthy, sl calc; tr pyr;



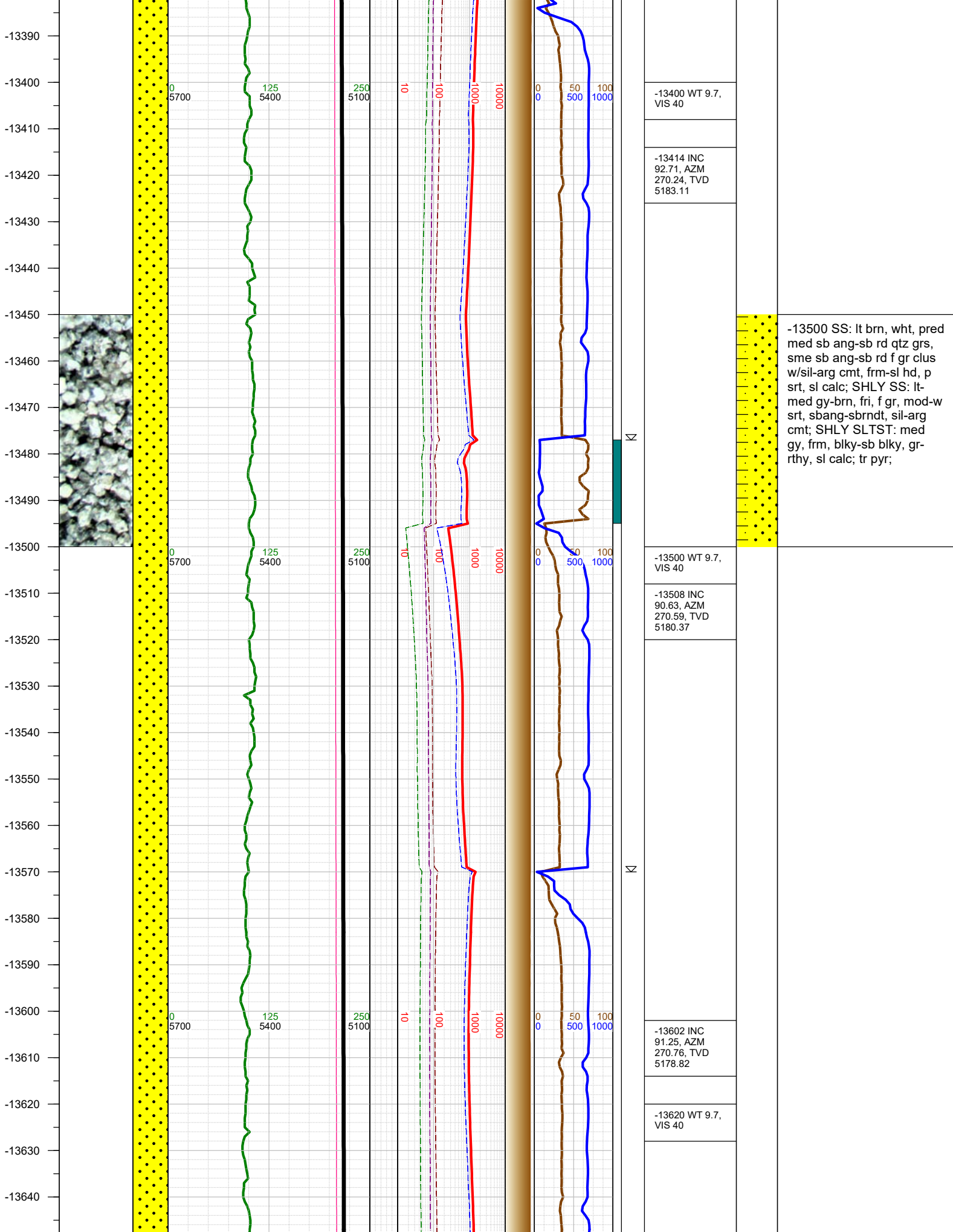
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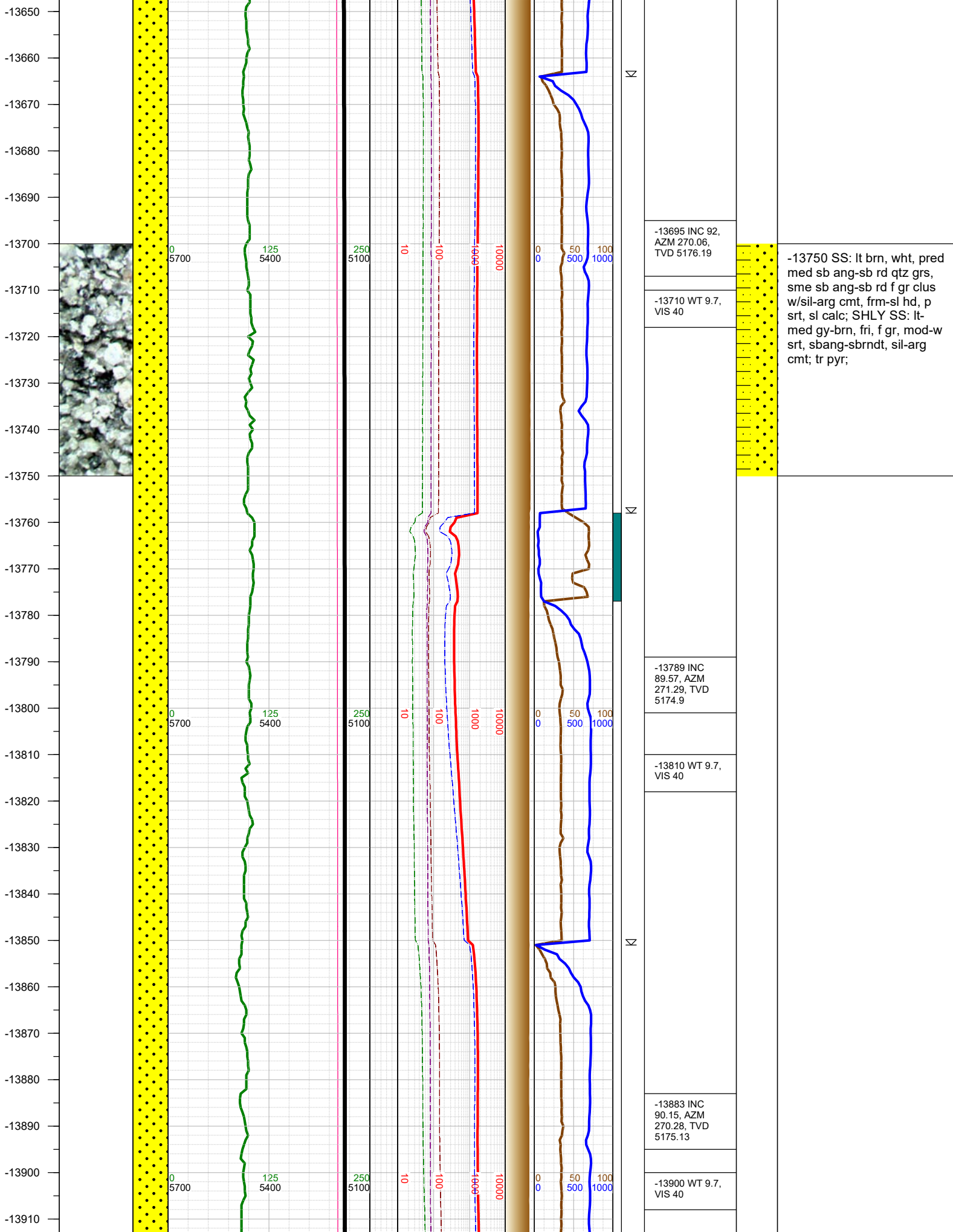
-13131 INC 91.78, AZM 269.62, TVD 5193.76	
-13200 WT 9.7, VIS 40	
-13226 INC 92.4, AZM 269.09, TVD 5190.3	
-13300 WT 9.7, VIS 40	
-13320 INC 91.83, AZM 270.02, TVD 5186.83	



-13250 SS: lt brn, wht, 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, 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-y-sb blk-y, gr-rthy, sl calc; tr pyr;



-13500 SS: lt brn, wht, 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, 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;



-13695 INC 92,
AZM 270.06,
TVD 5176.19

-13710 WT 9.7,
VIS 40

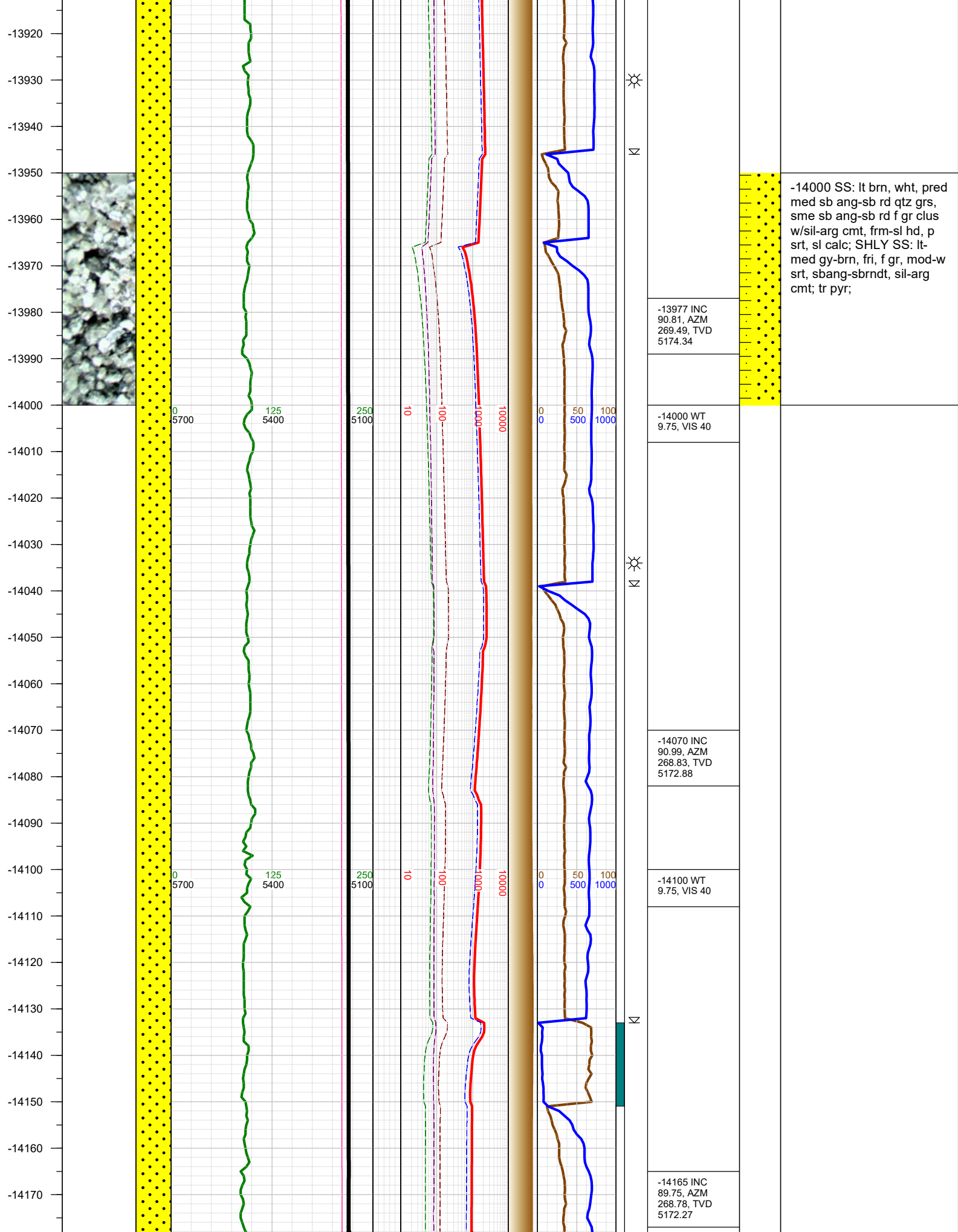
-13789 INC
89.57, AZM
271.29, TVD
5174.9

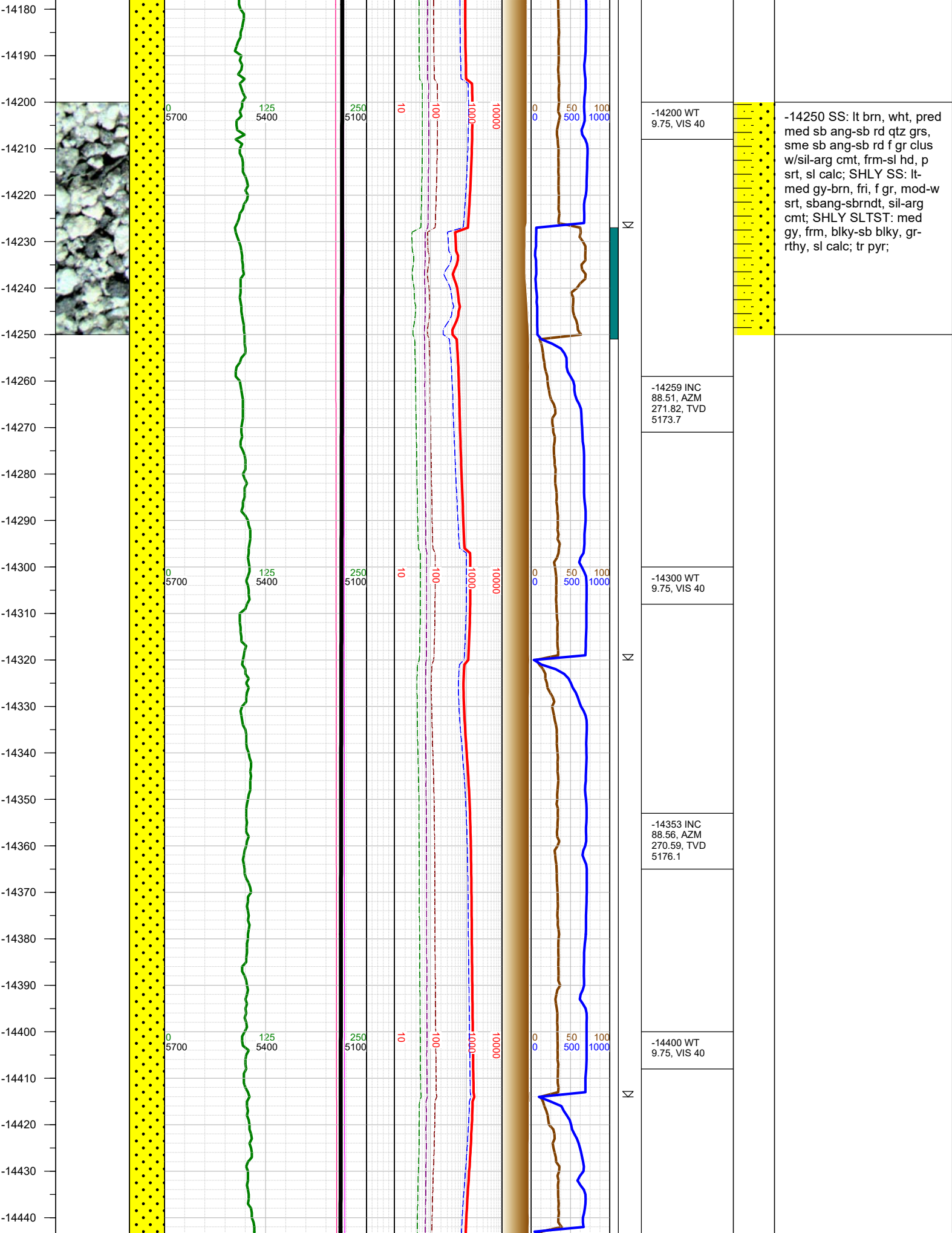
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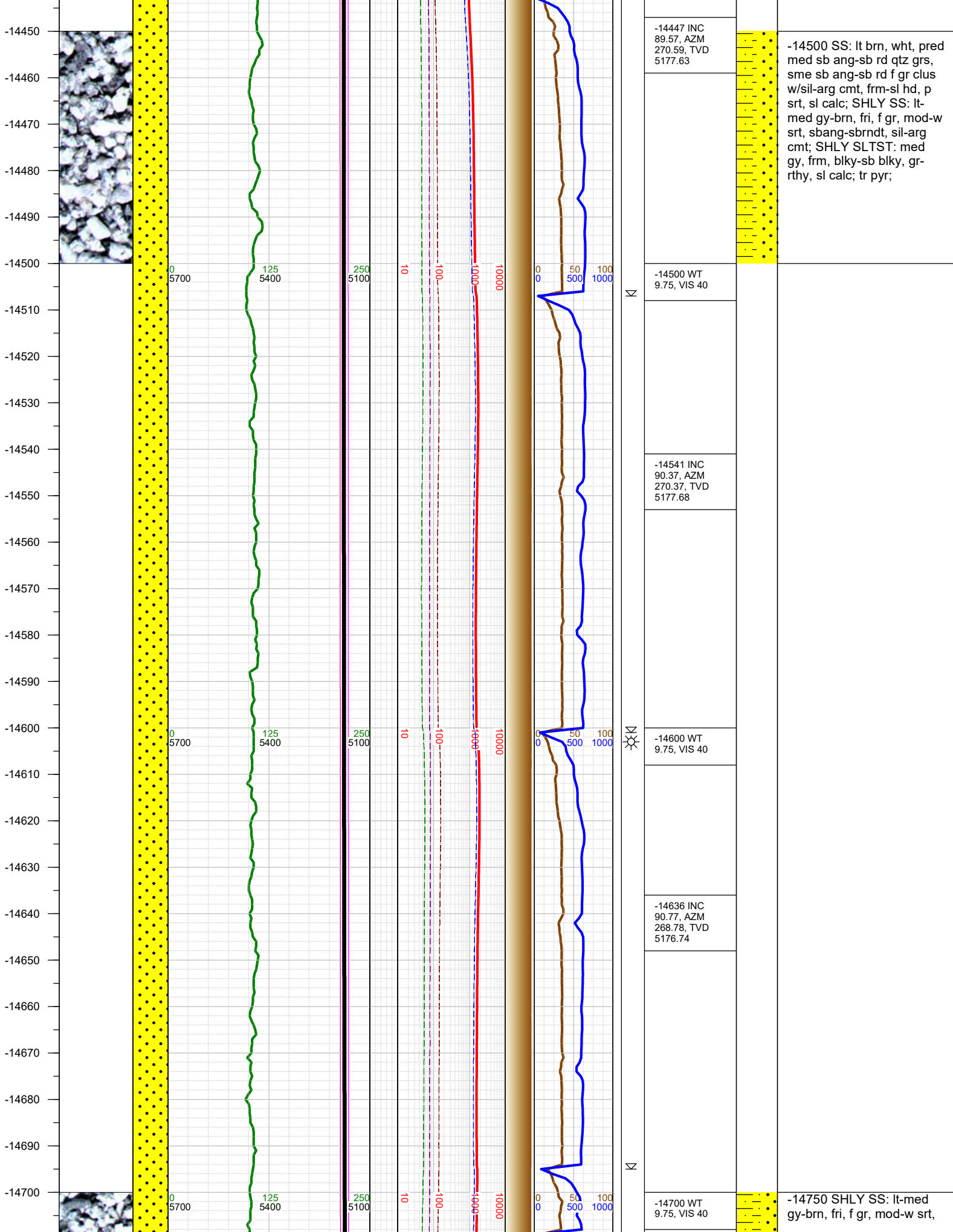
-13883 INC
90.15, AZM
270.28, TVD
5175.13

-13900 WT 9.7,
VIS 40

-13750 SS: lt brn, wht, 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, sl calc; SHLY SS: lt-
med gy-brn, fri, f gr, mod-w
srt, sbang-sbrndt, sil-arg
cmt; tr pyr;







-14447 INC
89.57, AZM
270.59, TVD
5177.63

-14500 WT
9.75, VIS 40

-14541 INC
90.37, AZM
270.37, TVD
5177.68

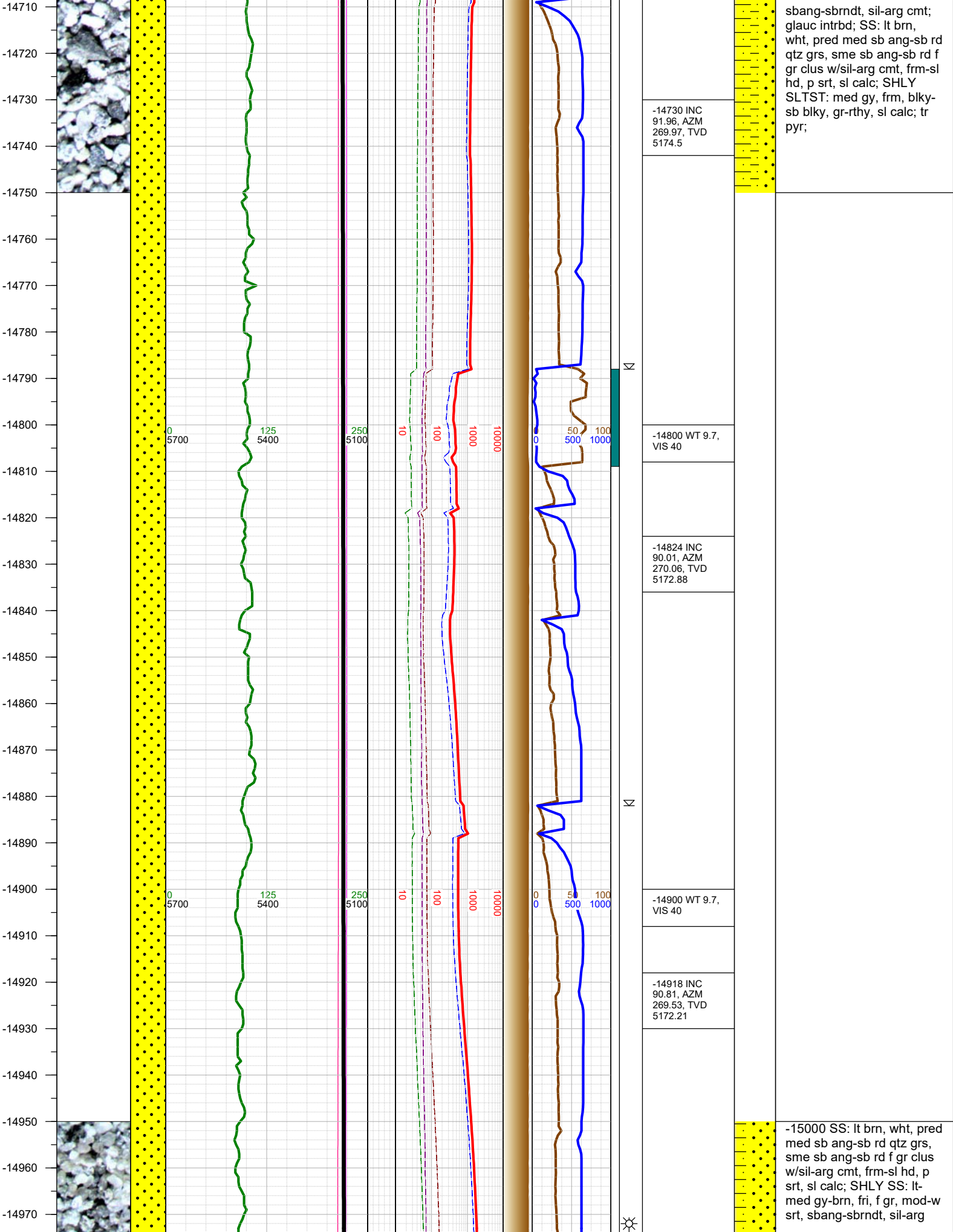
-14600 WT
9.75, VIS 40

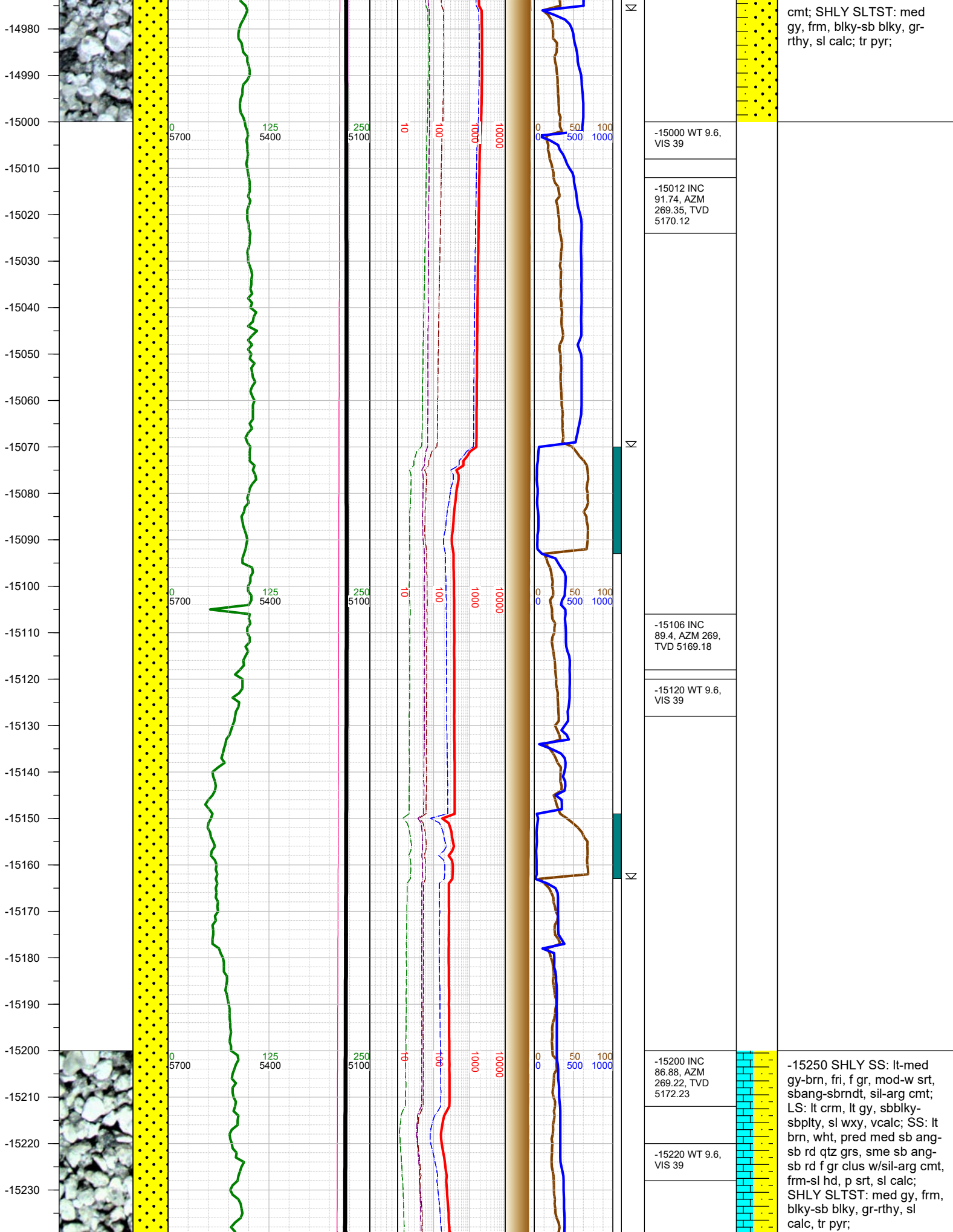
-14636 INC
90.77, AZM
268.78, TVD
5176.74

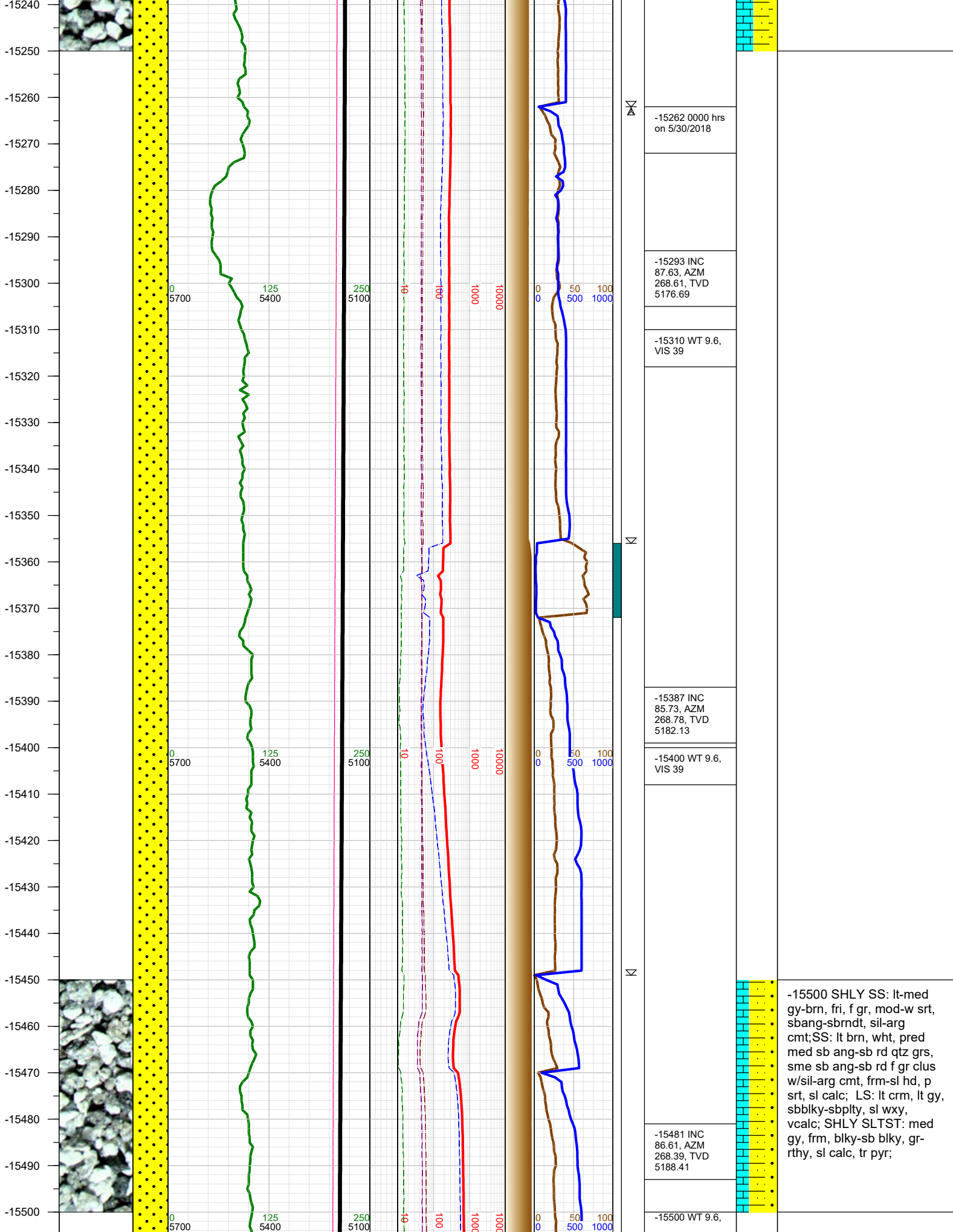
-14700 WT
9.75, VIS 40

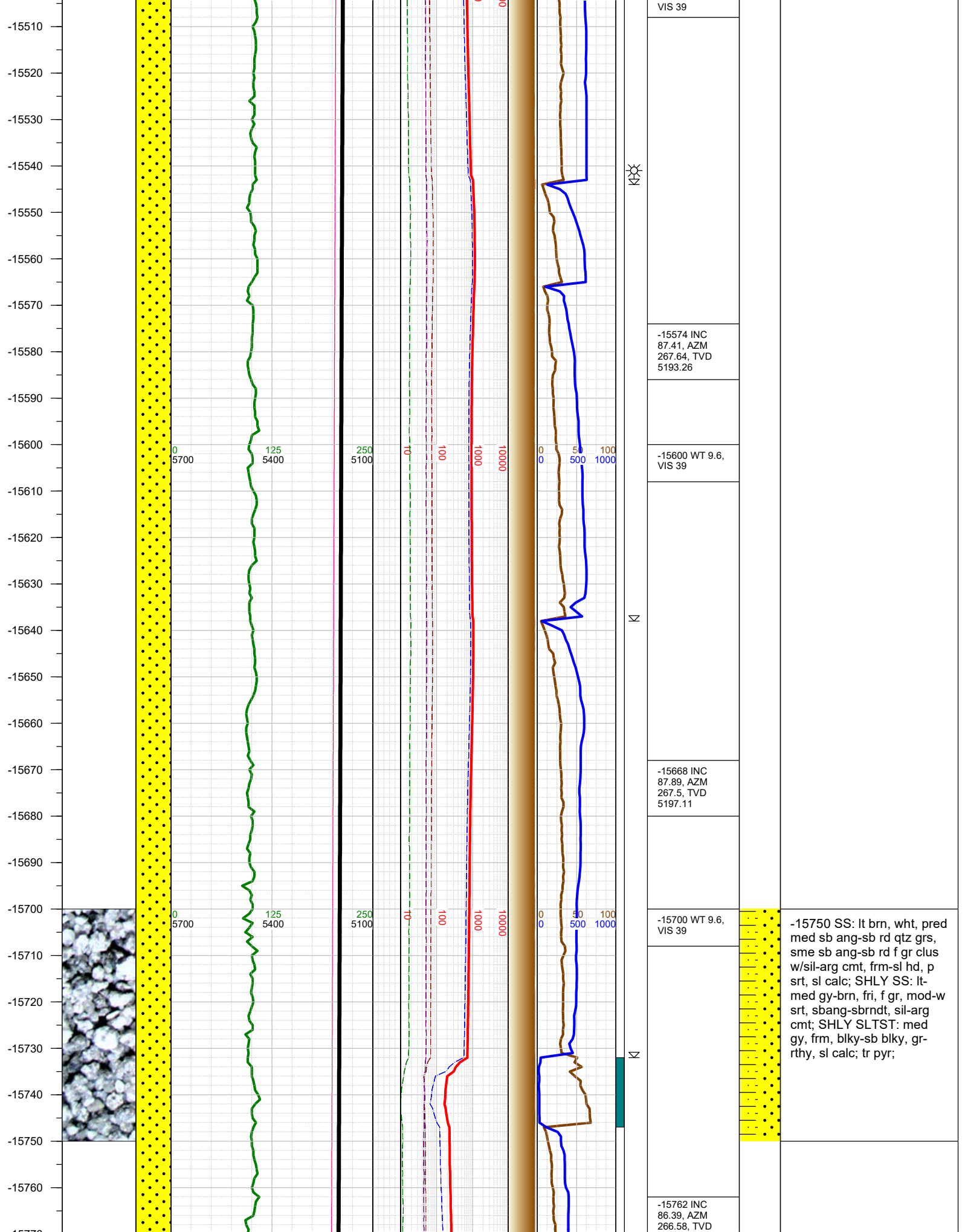
-14500 SS: lt brn, wht, pred
med sb ang-sb rd f gr clus
w/sil-arg cmt, frm-sl hd, p
srt, sl calc; SHLY SS: lt-
med gy-brn, fri, f gr, mod-w
srt, sbang-sbrndt, sil-arg
cmt; SHLY SLTST: med
gy, frm, blk-sb blk, gr-
rthy, sl calc; tr pyr;

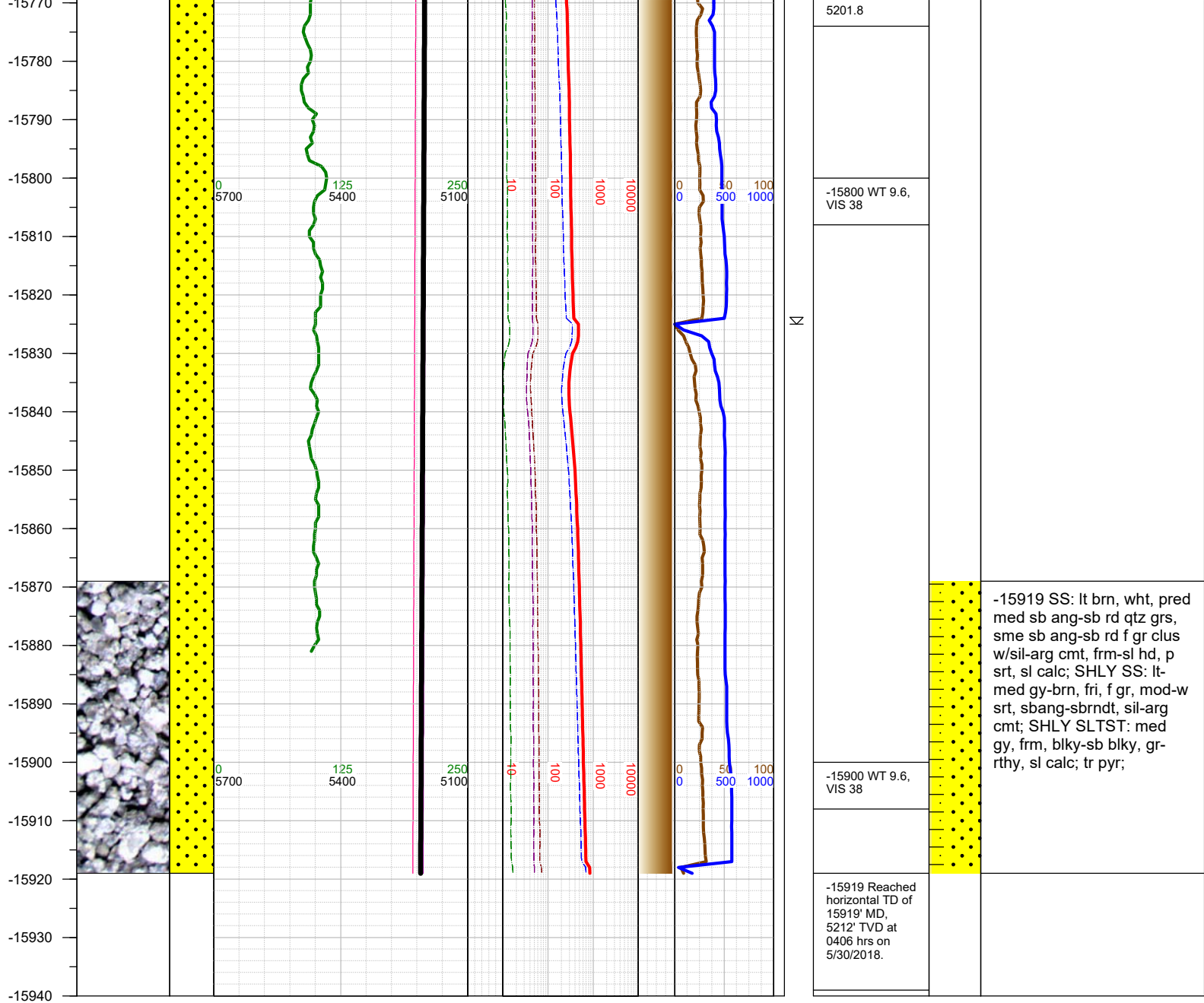
-14750 SHLY SS: lt-med
gy-brn, fri, f gr, mod-w srt,











TOTAL DEPTH = 15919'

Thank you for using Earth Science Agency