

OPERATOR: **Extraction Oil & Gas**
WELL NAME: **Coyote Trails 33W-15-2C**

FIELD NAME: DJ Basin - Wattenberg
DRILLING RIG: Ensign 147
API #: 05-123-48251

LAT/LONG: 40.018198, -105.007697
SURFACE HOLE: SWSE S28-T1N-R68W, 1231' FSL, 2417' FEL
BOTTOM HOLE: S32-T1N-R68W, 462' FNL, 460' FWL

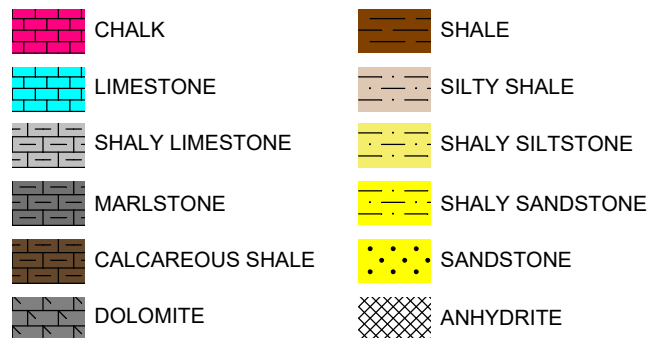


Earth Science Agency, LLC

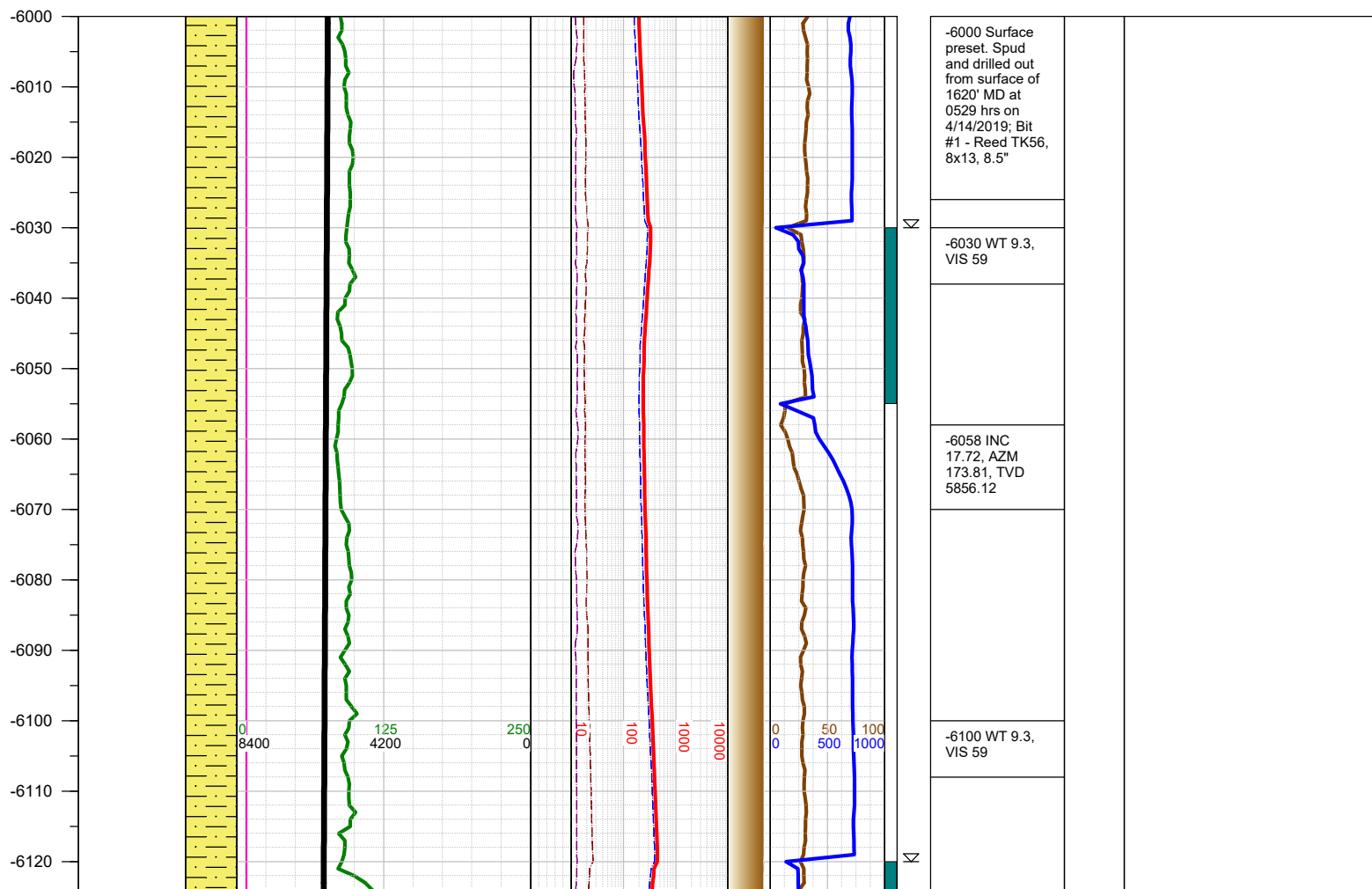
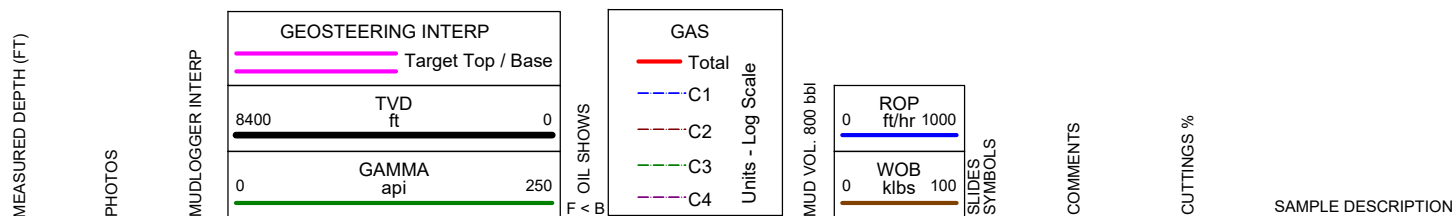
COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 5273'
KELLY BUSHING: 5301'
DRILLING FLUID: OBM
TVD VS. MD: 8160' / 15847'
SPUD DATE: April 14, 2019
TD DATE: April 17, 2019

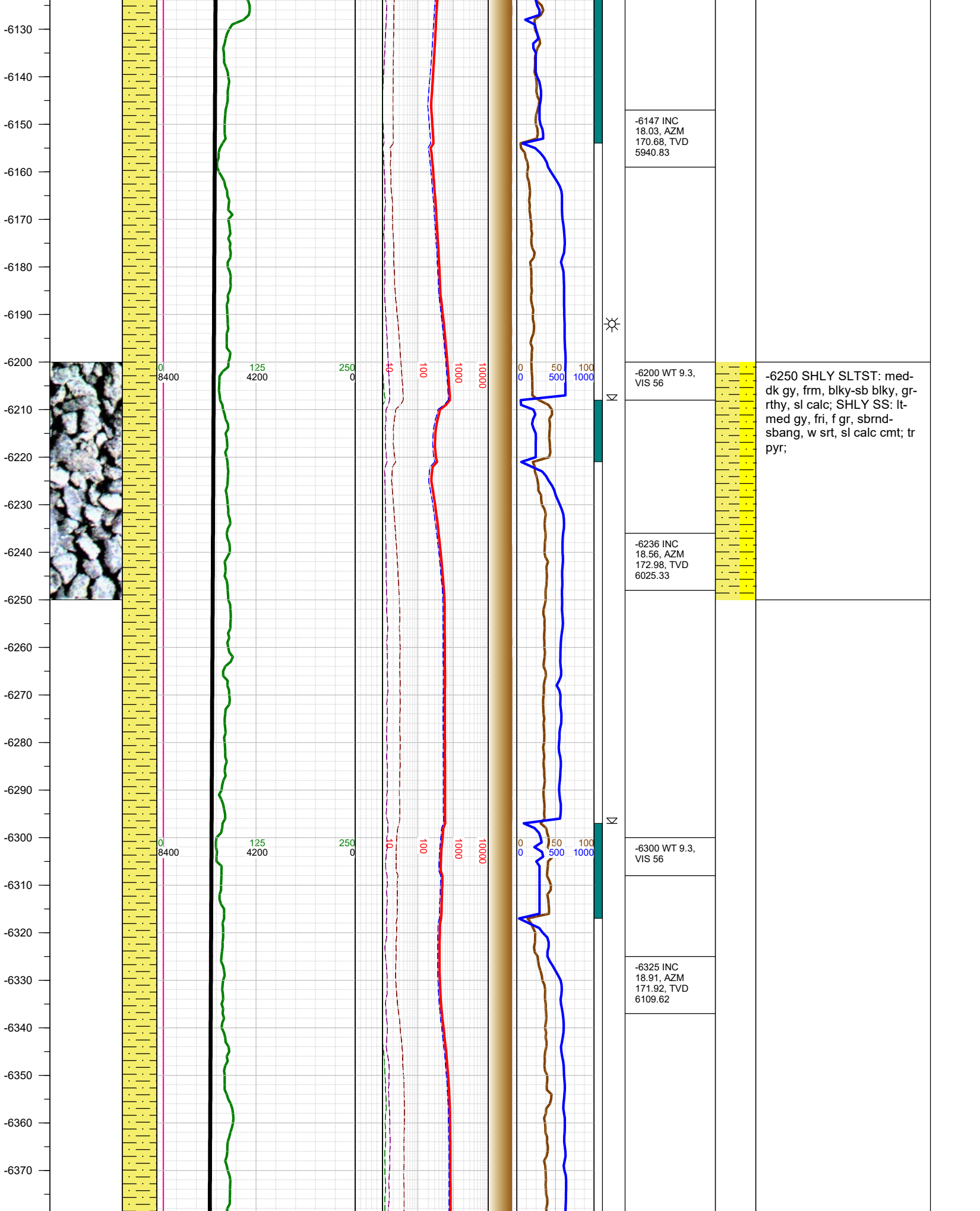
DEPTHS LOGGED: 6000' - 15847'
DATES LOGGED: April 14, 2019 - April 17, 2019
GEOLOGISTS: Dan Jacobs, Curtis Magnino
SCALE: 5" = 100'

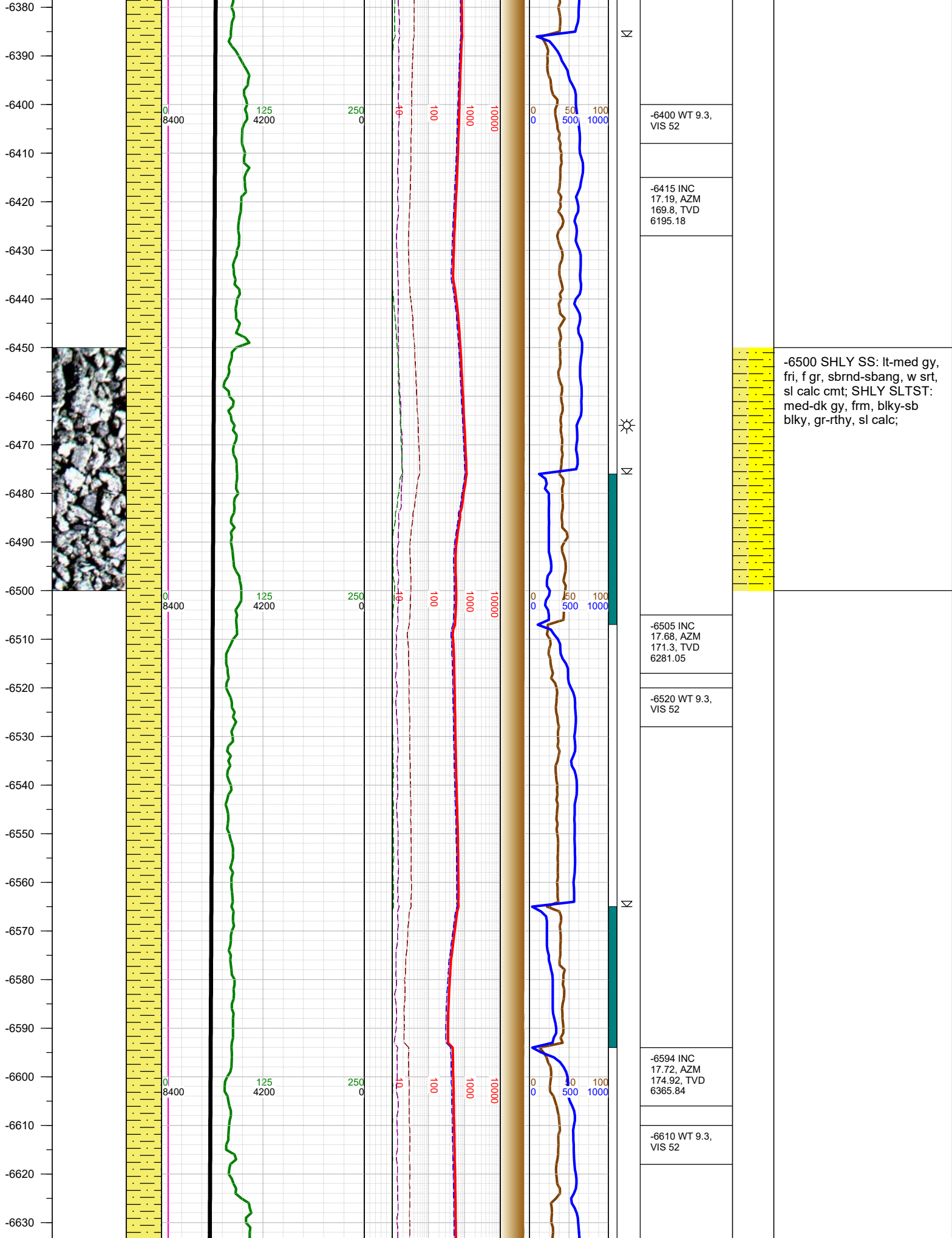
LEGEND

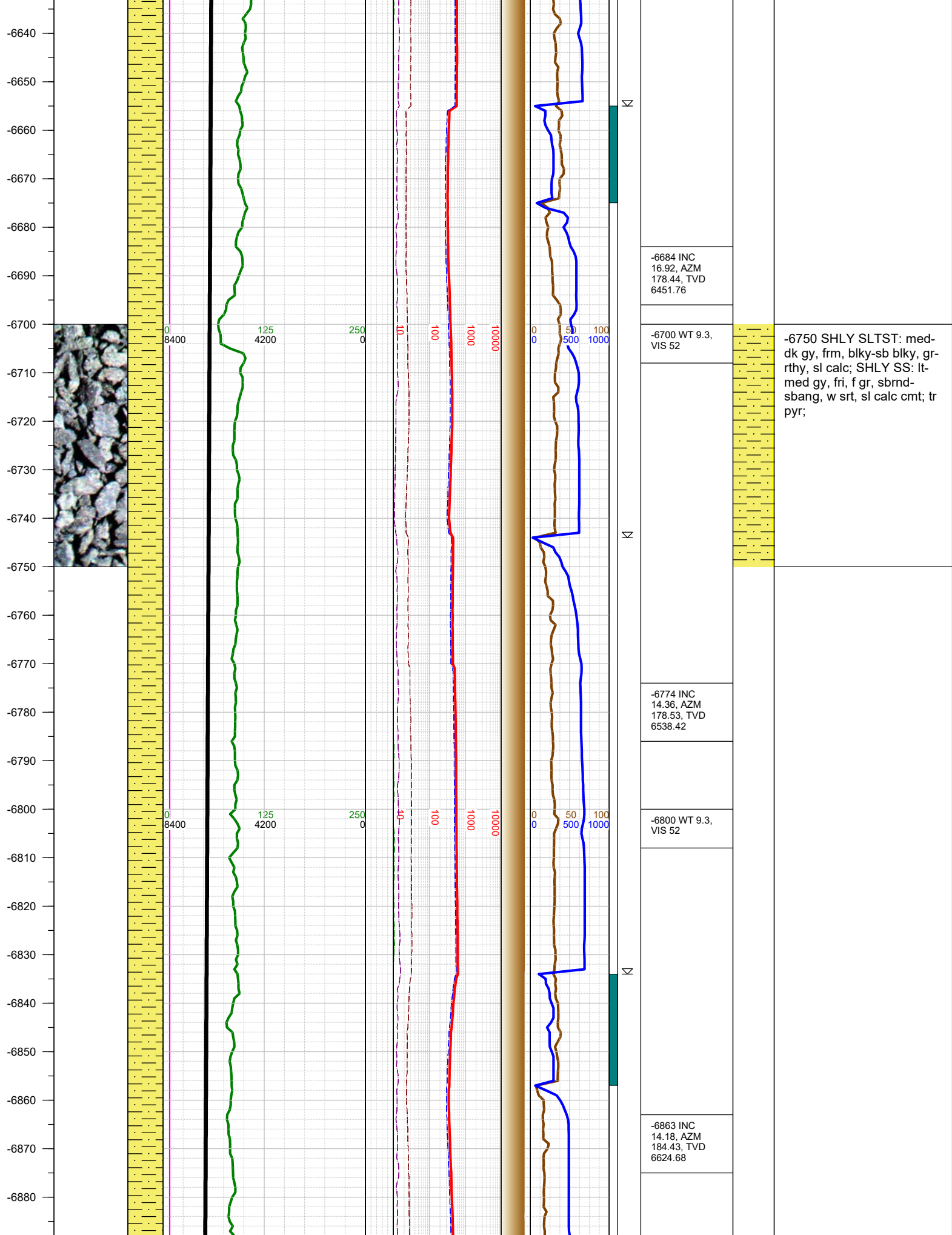


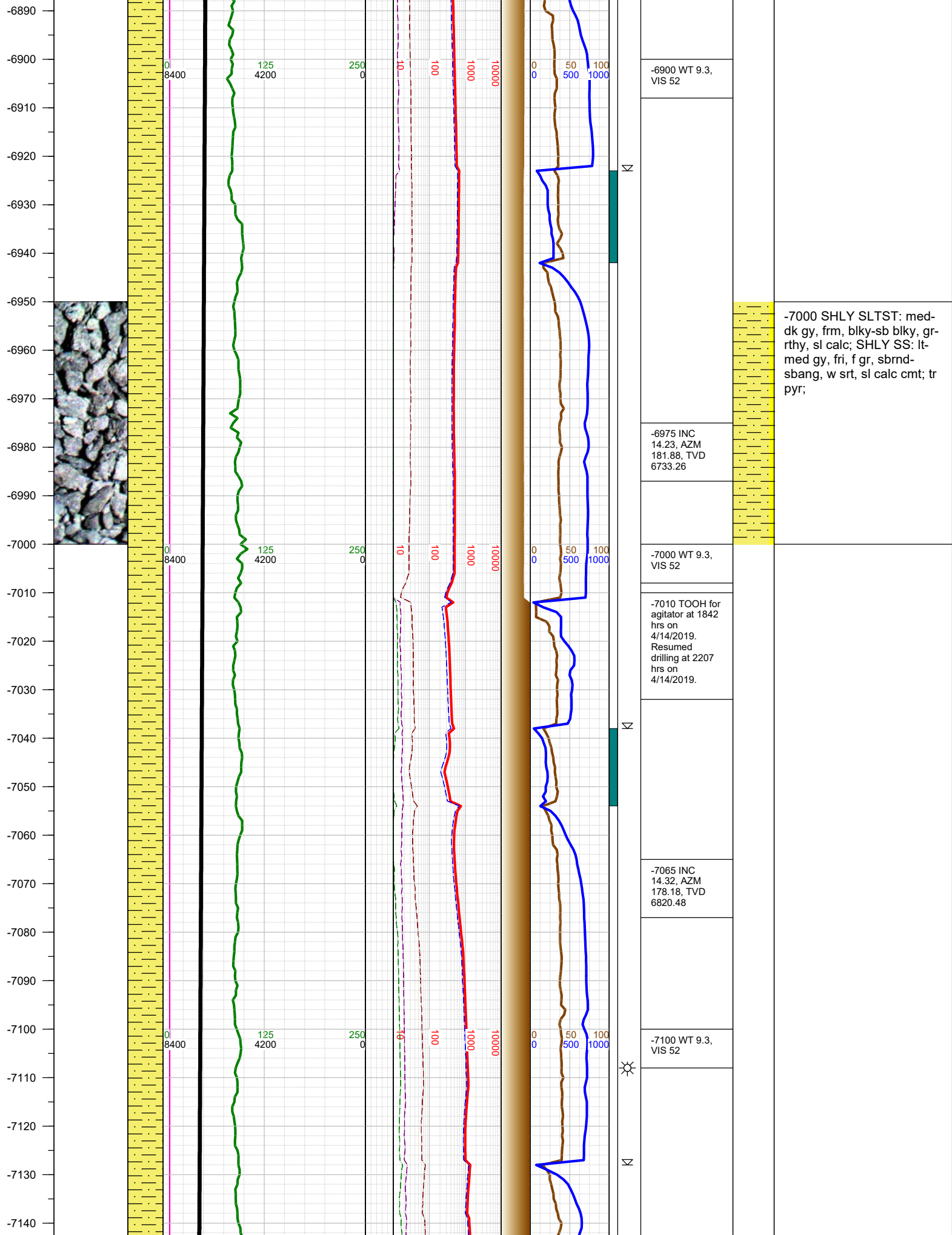
FORMATION CONNECTION MIDNIGHT NEW BIT GAS SHOW FAULT

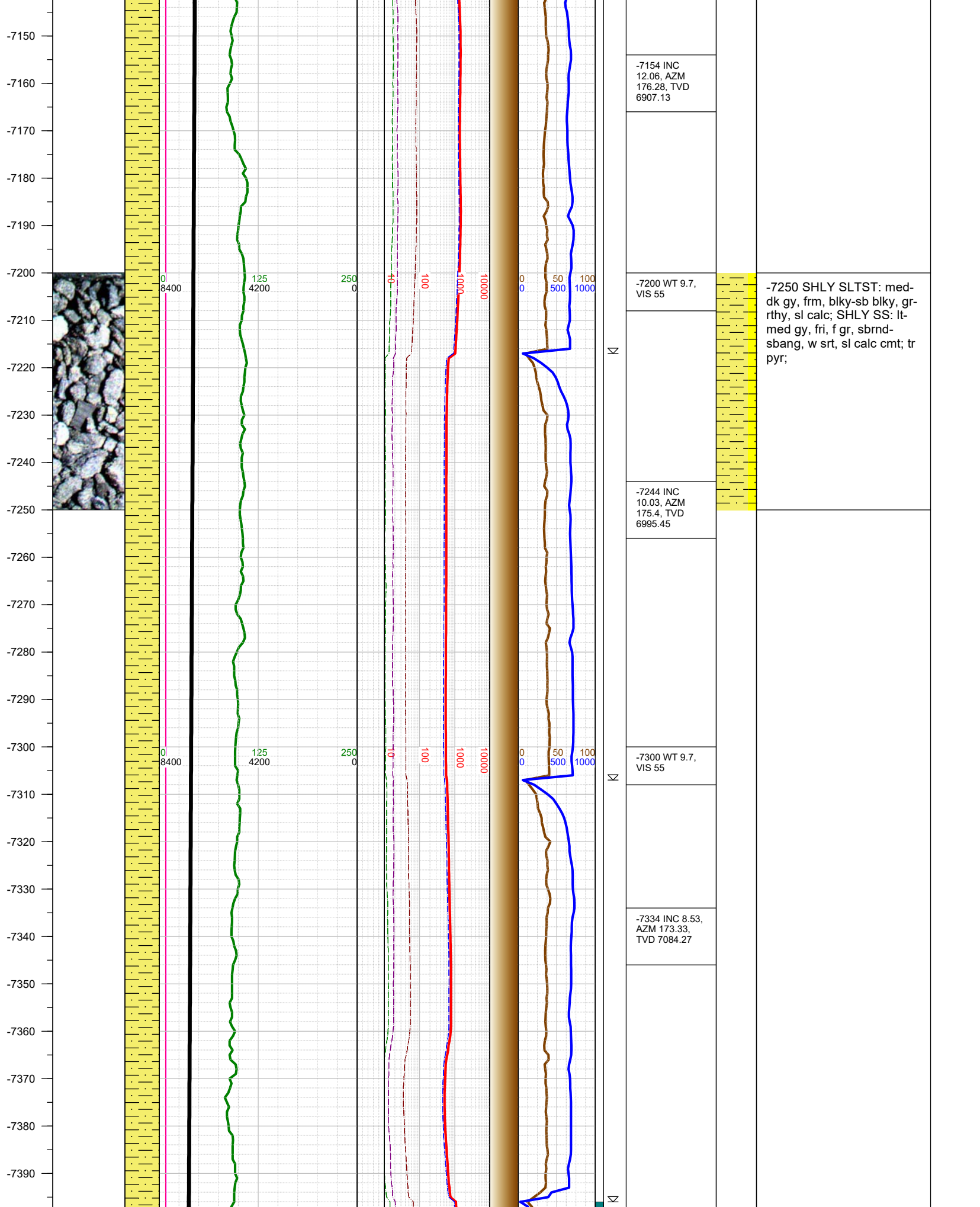


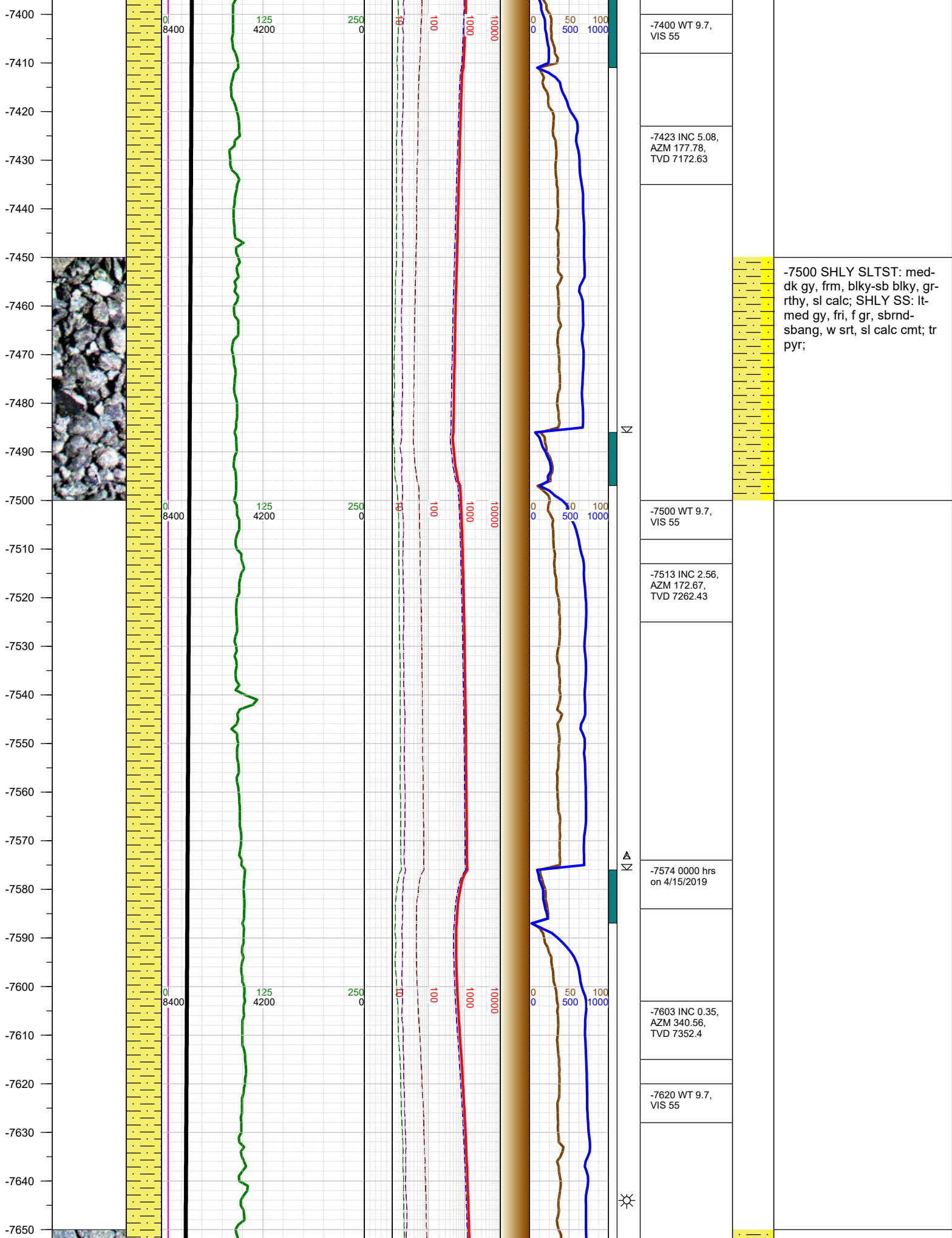


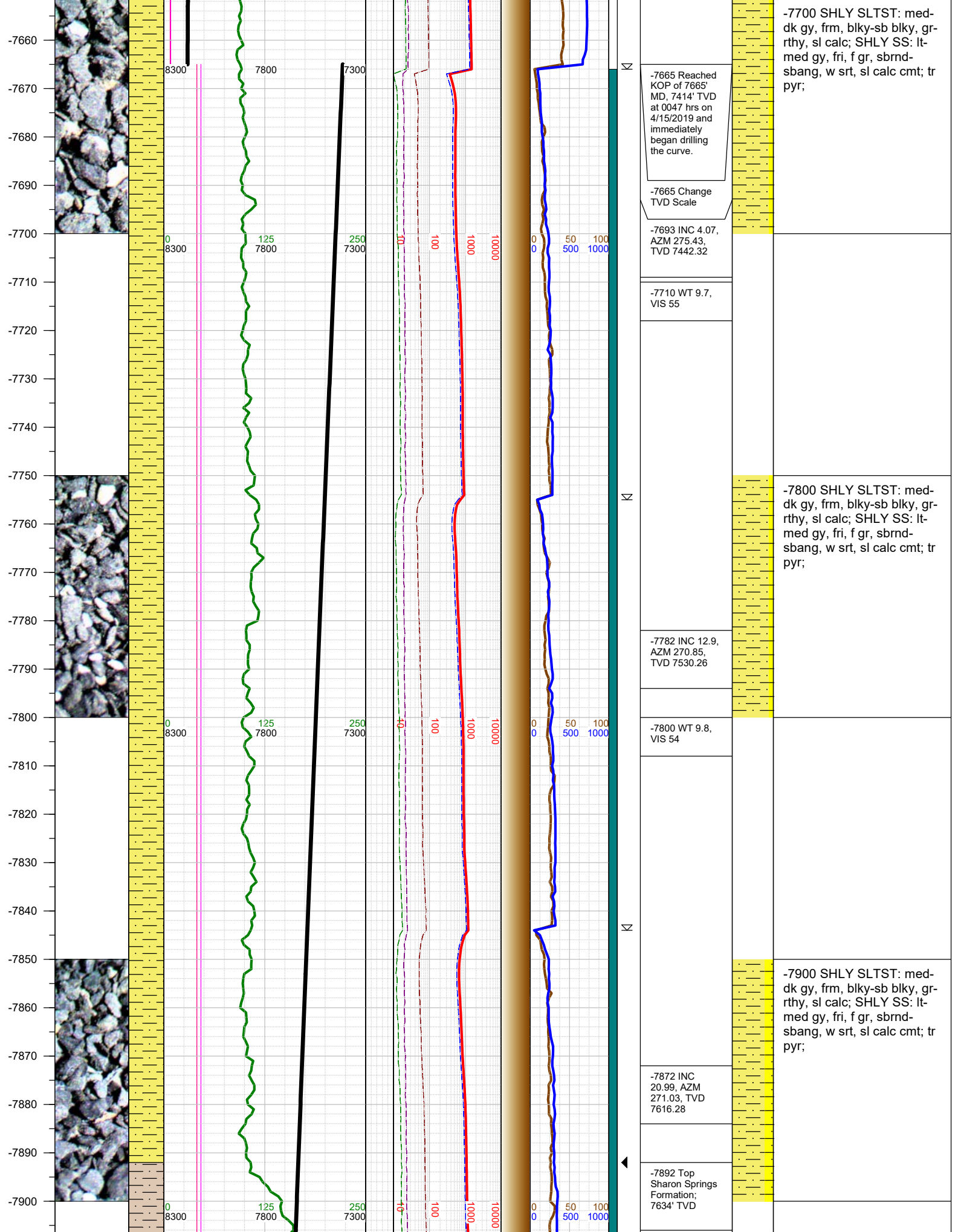


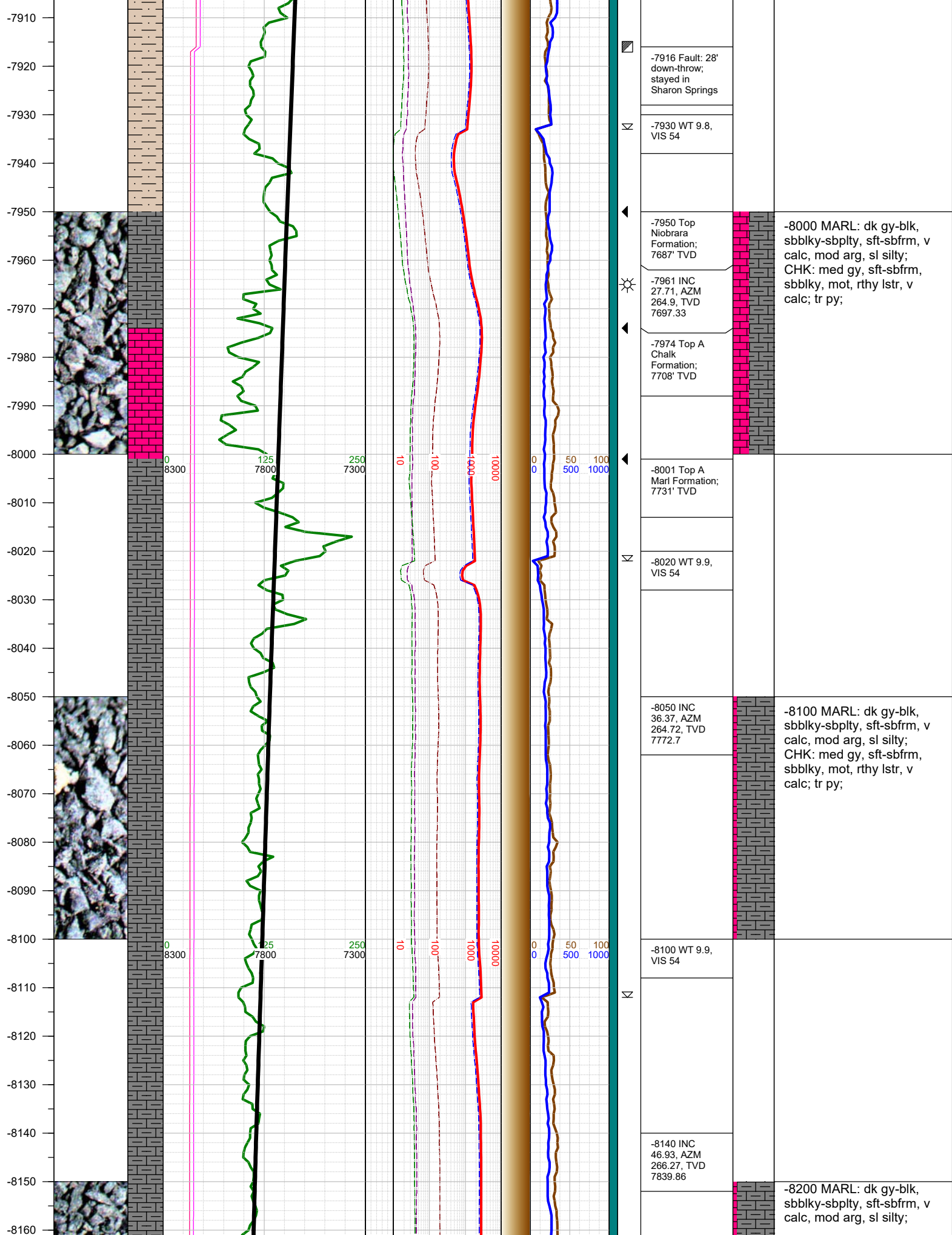


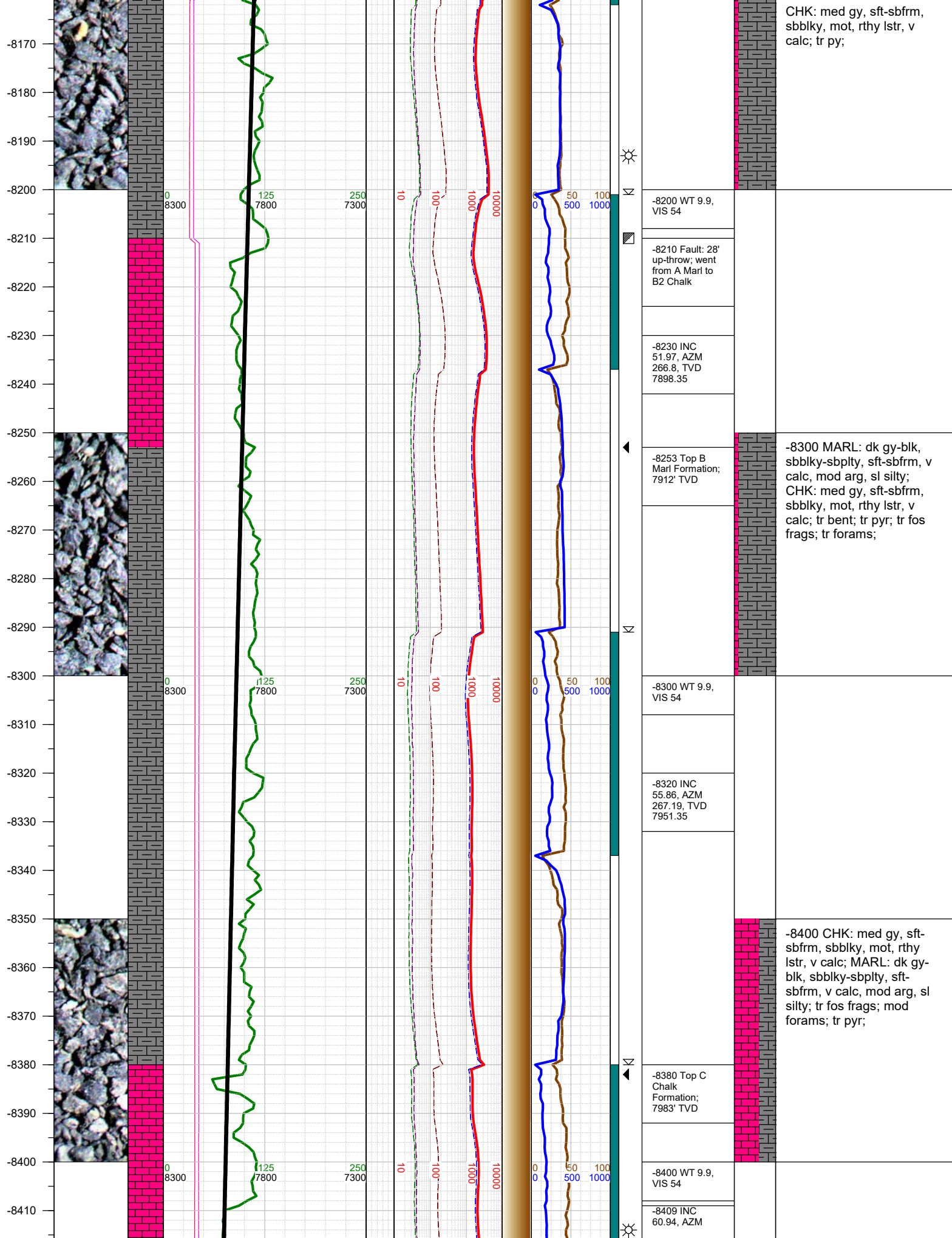


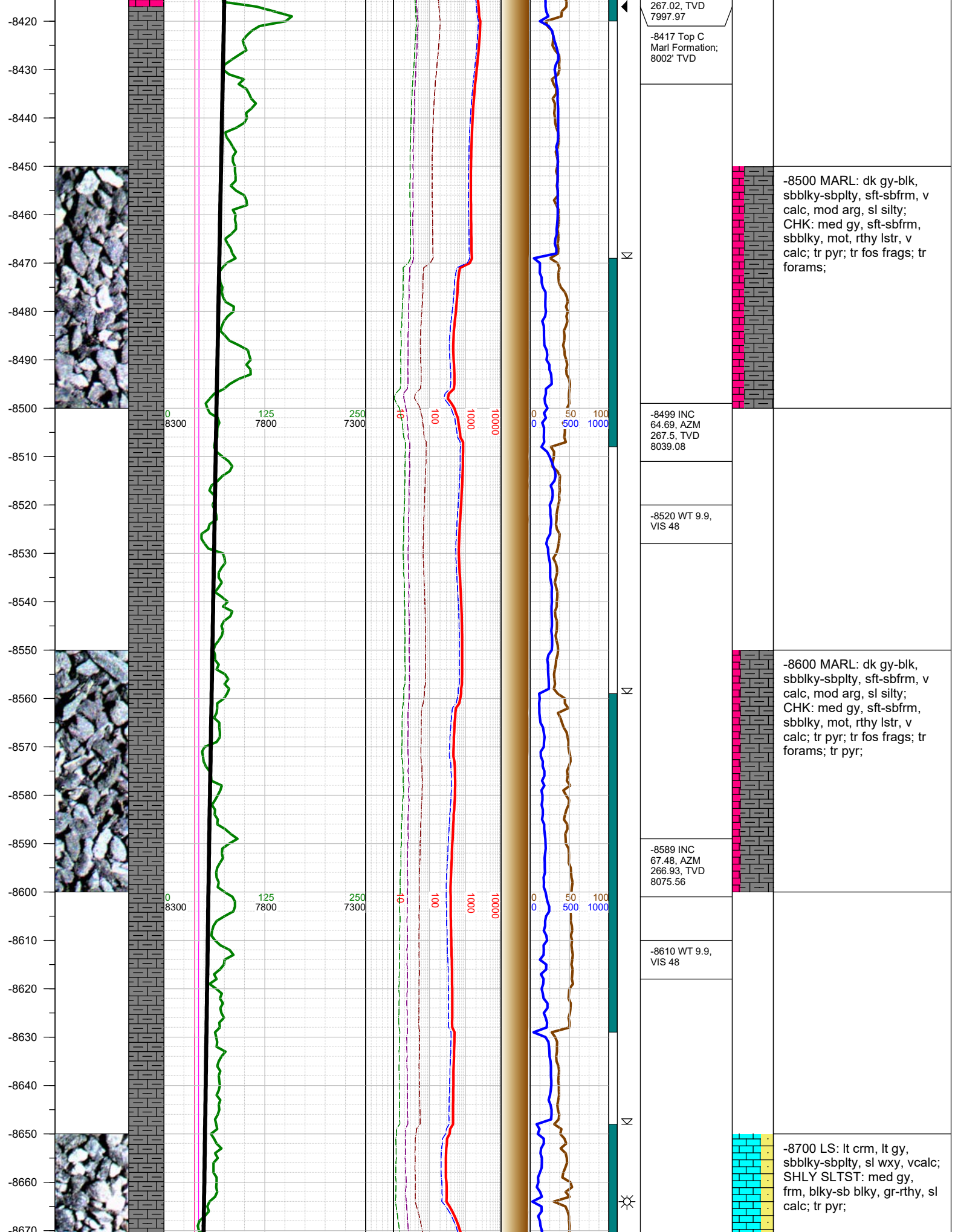


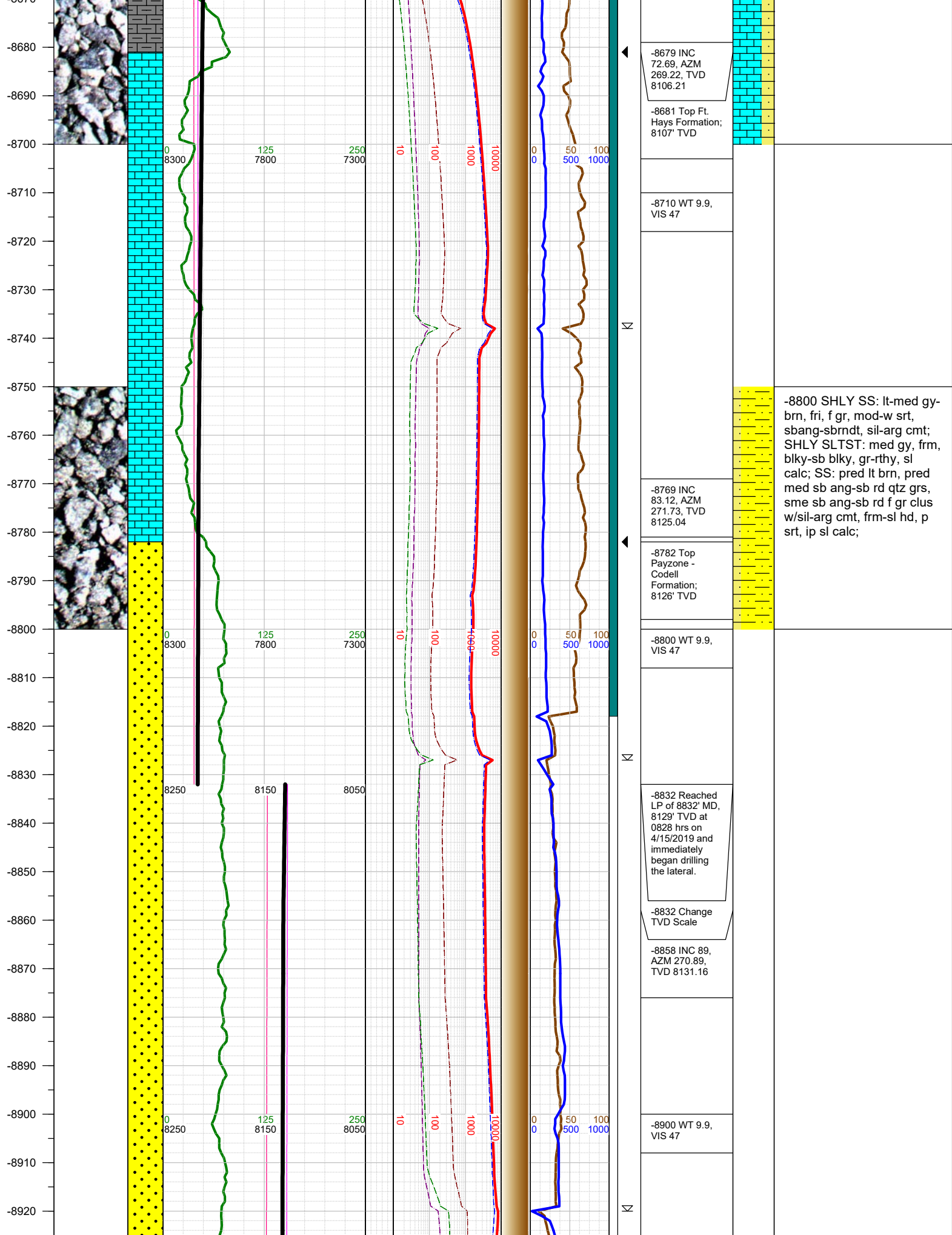


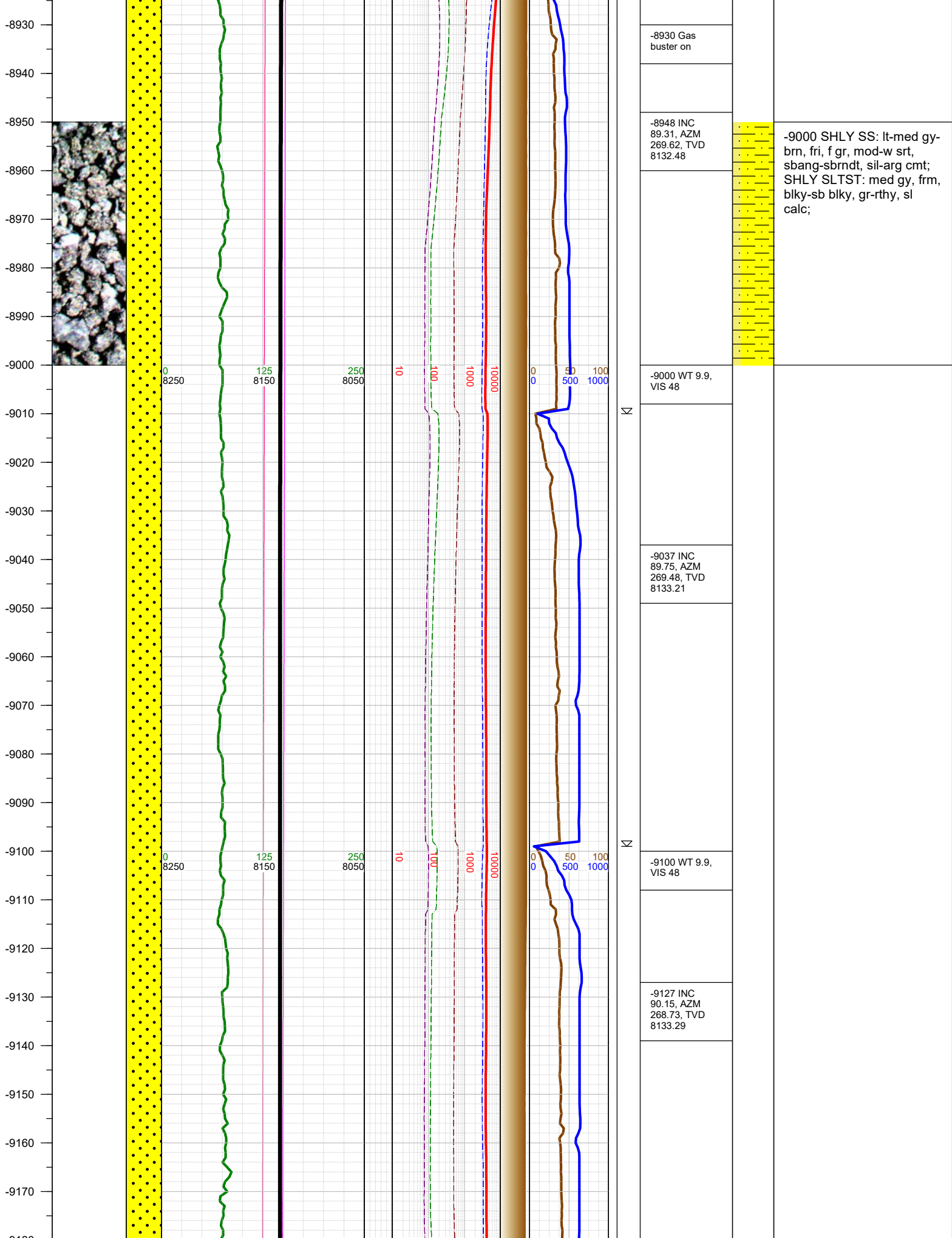


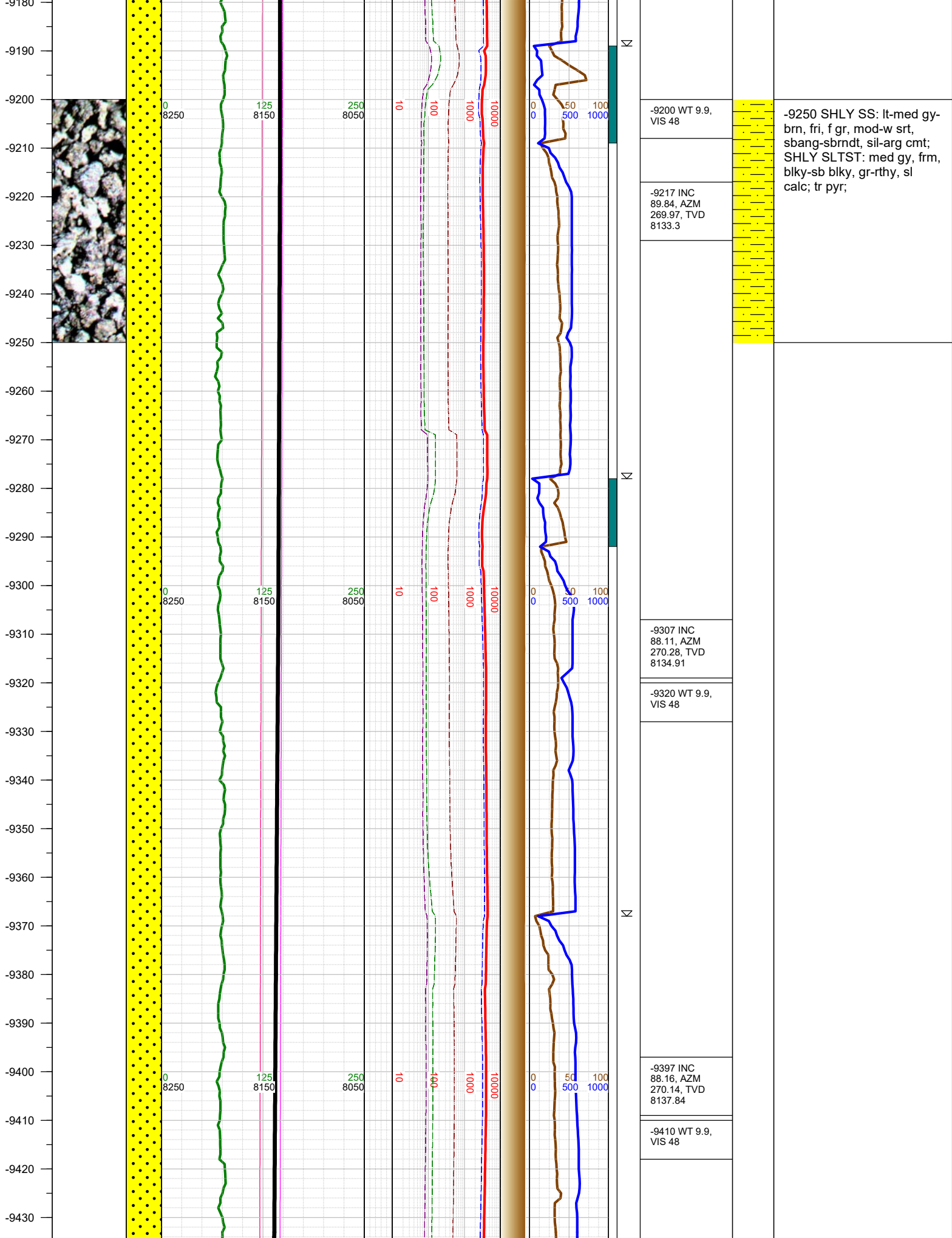


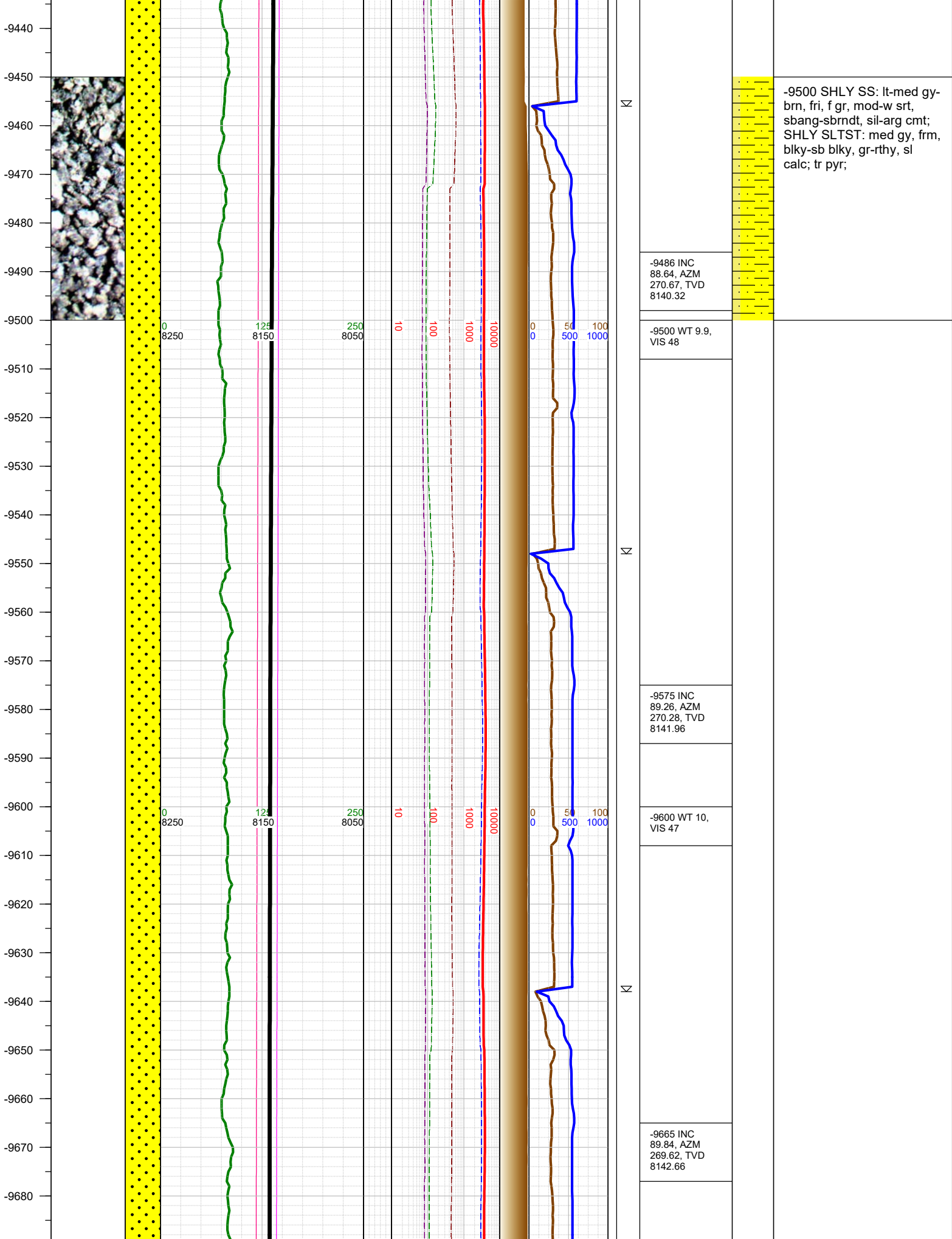


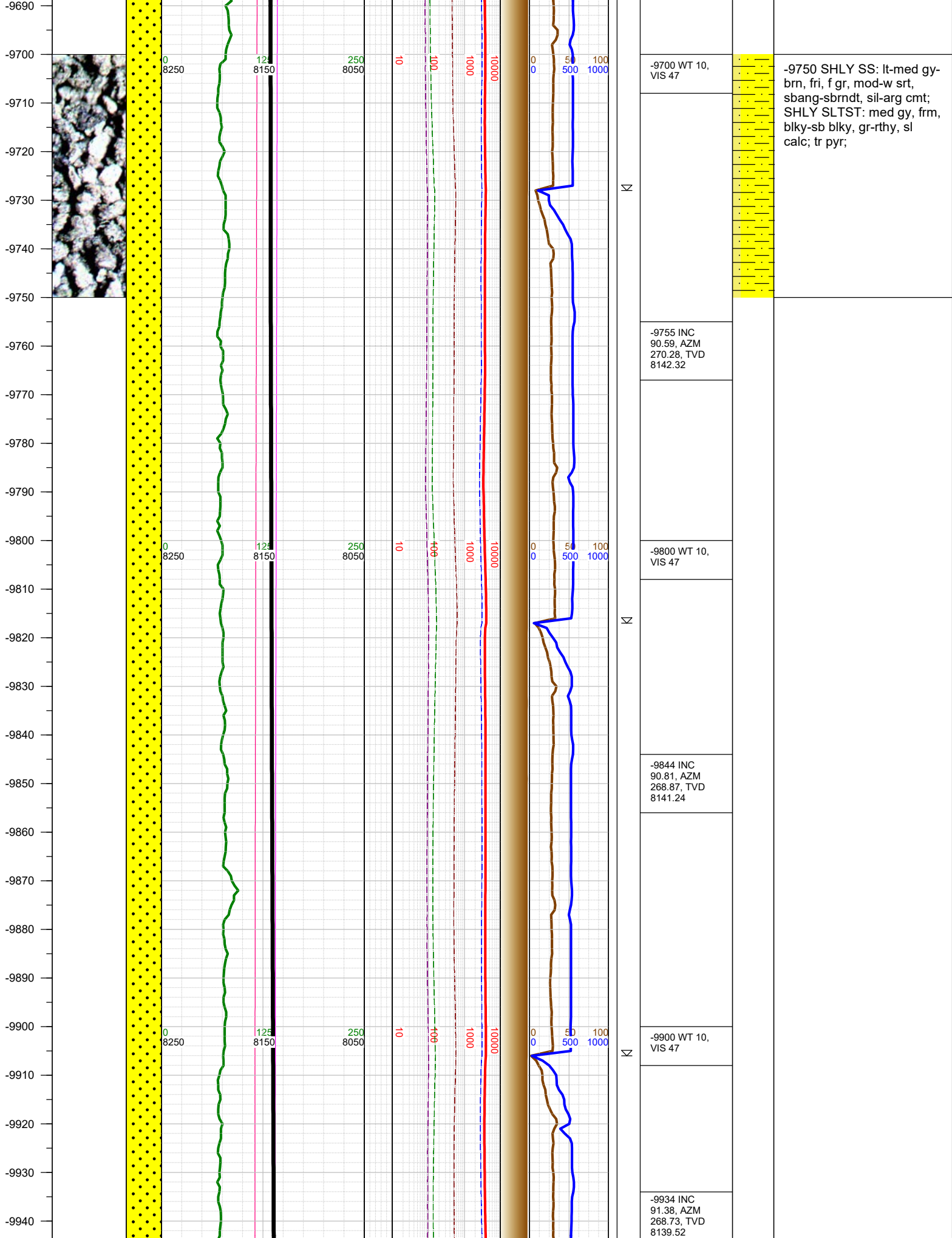


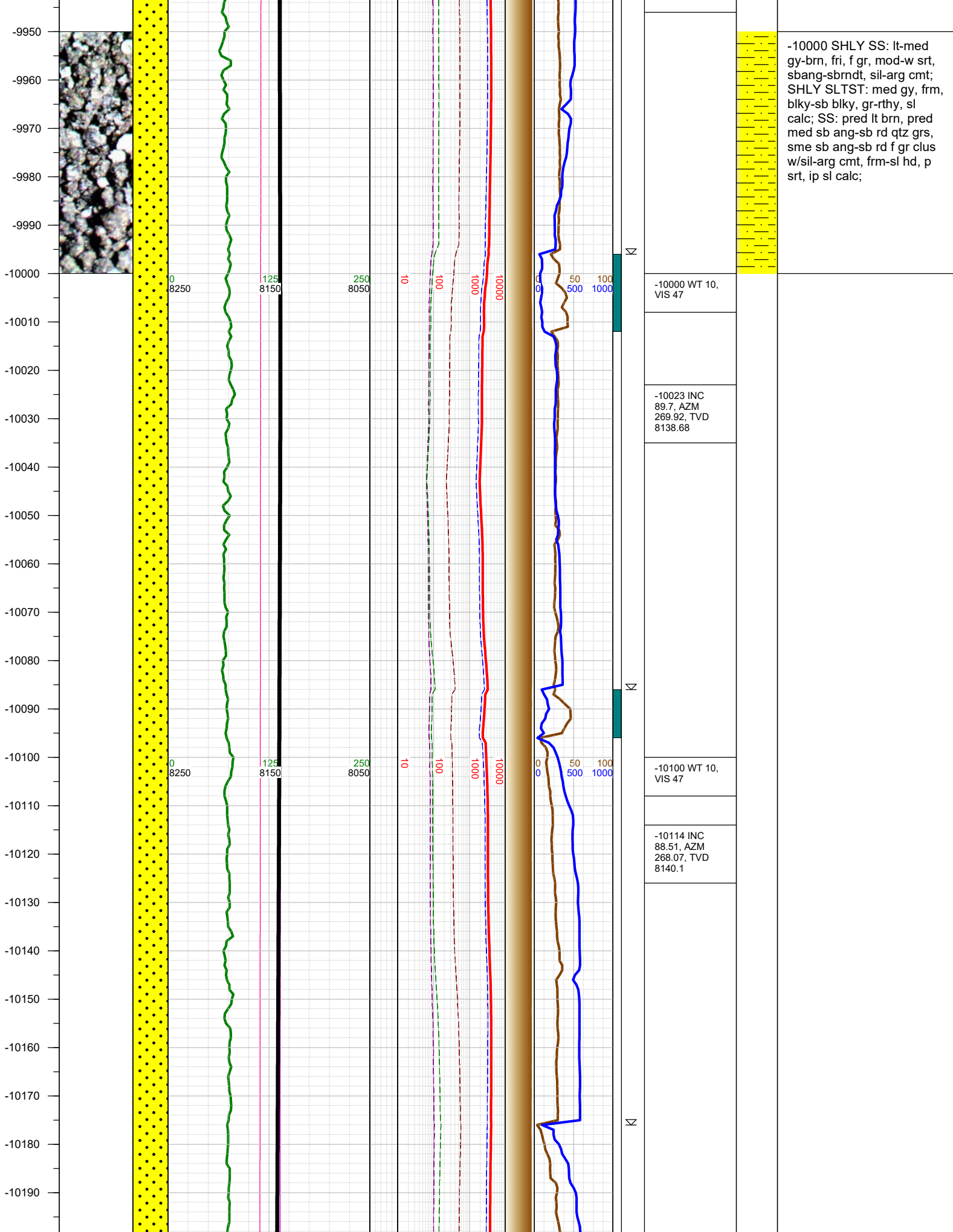




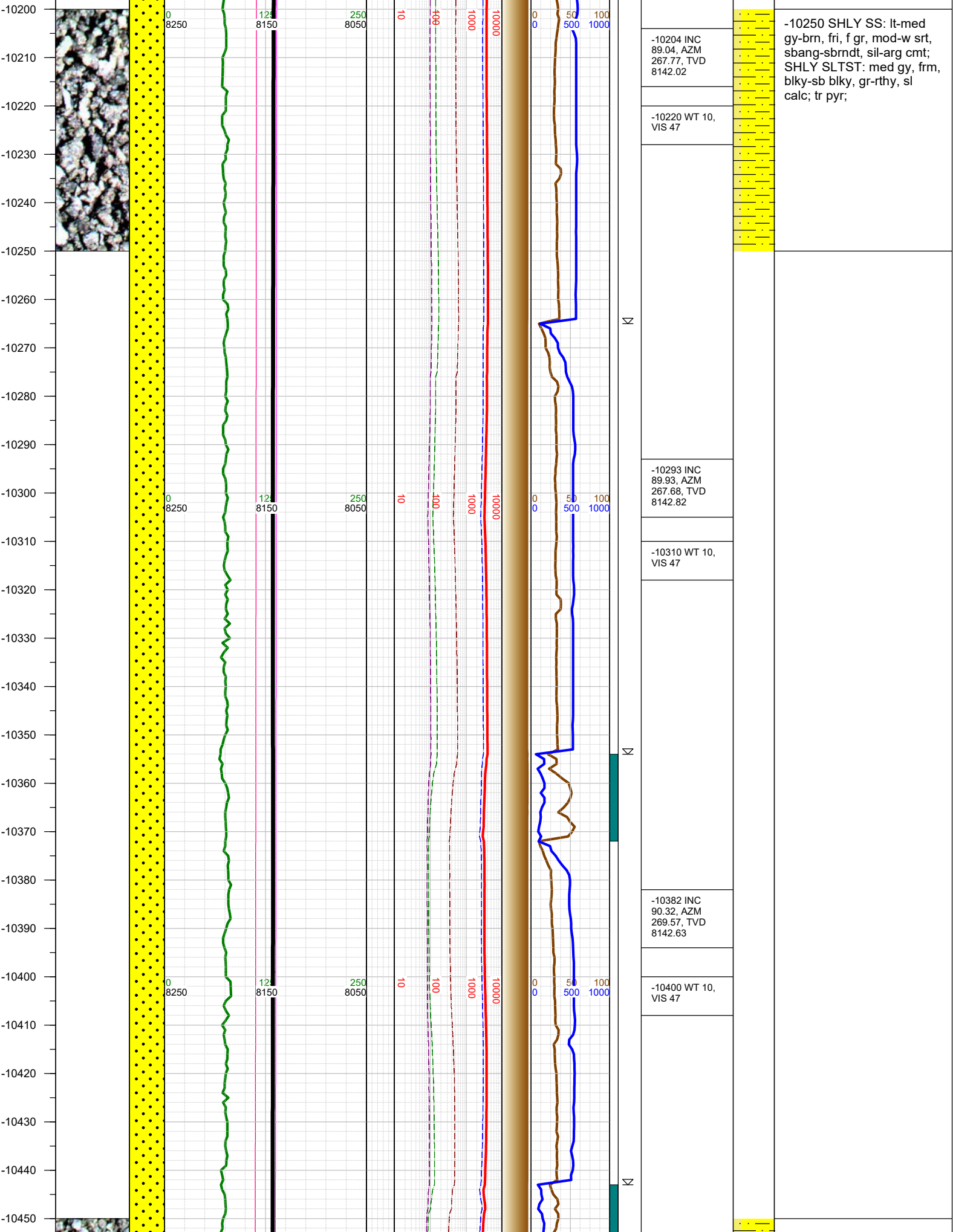


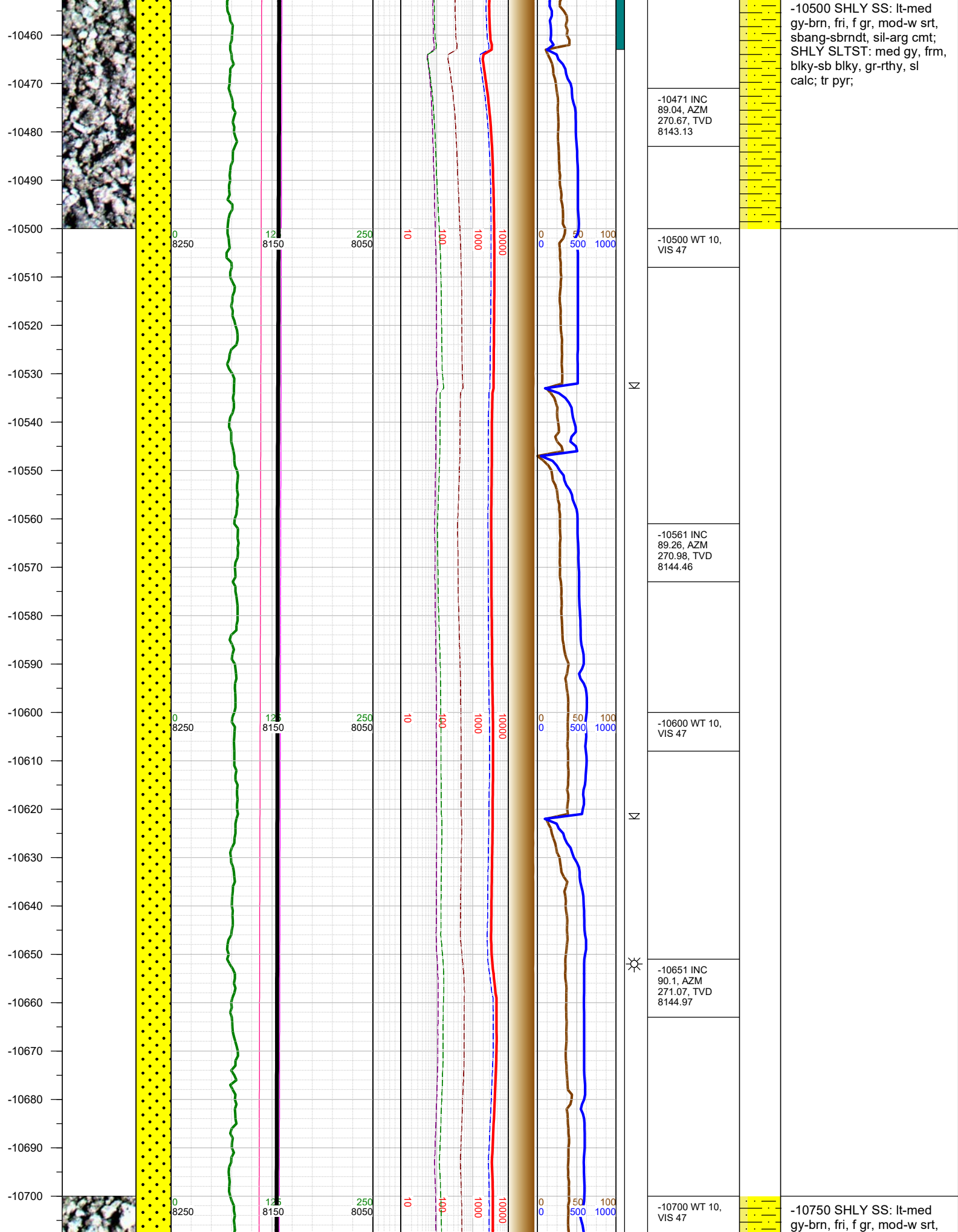


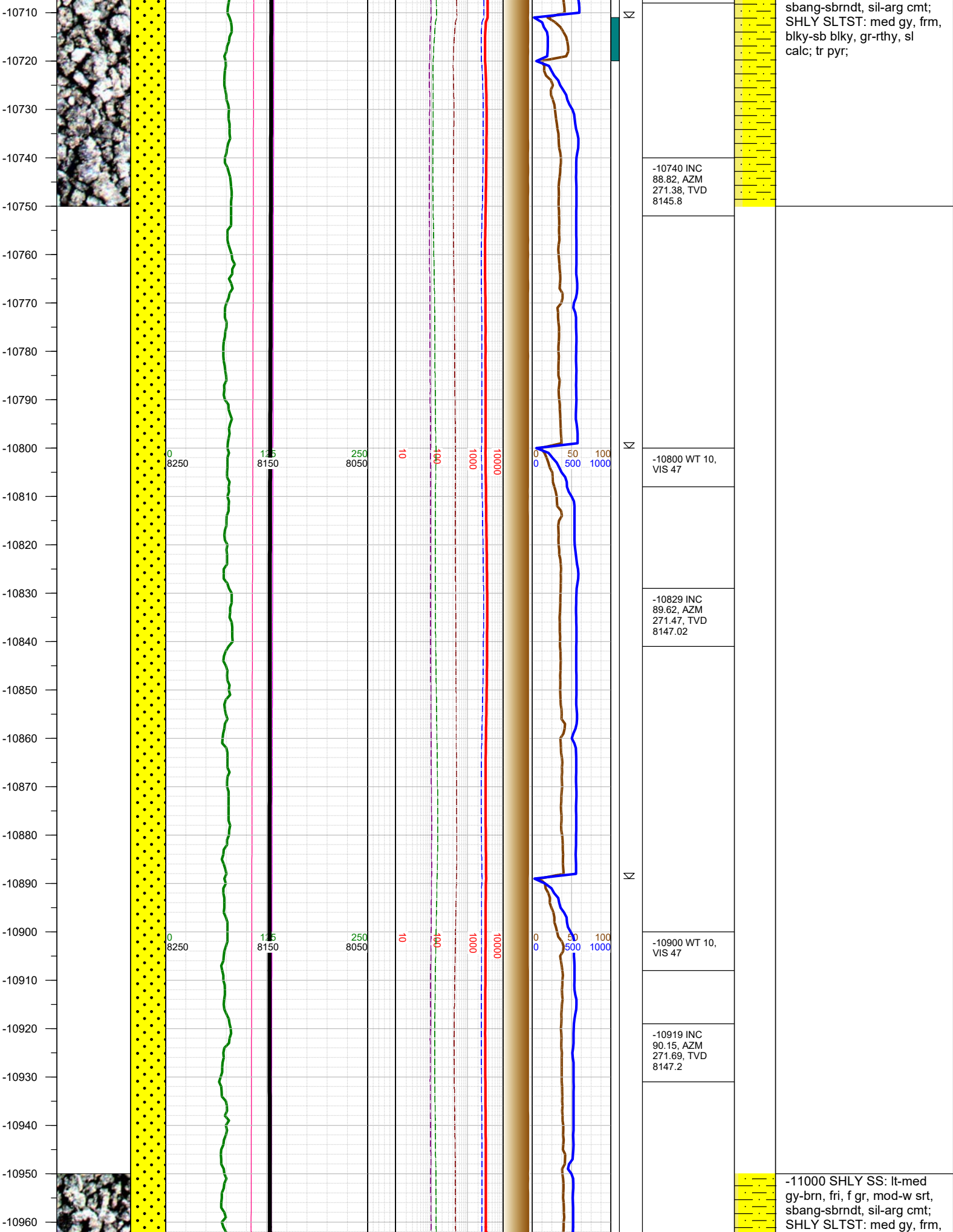


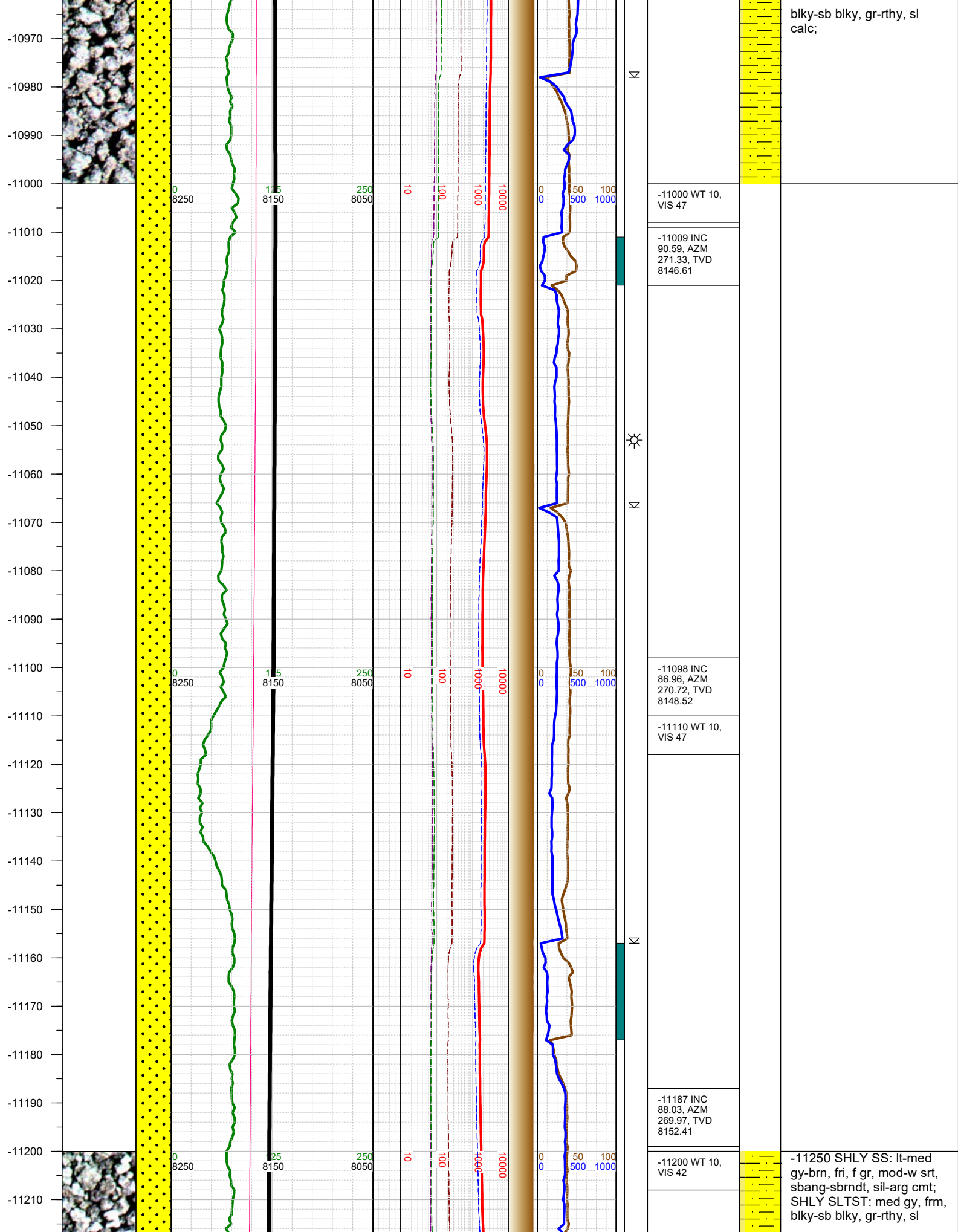


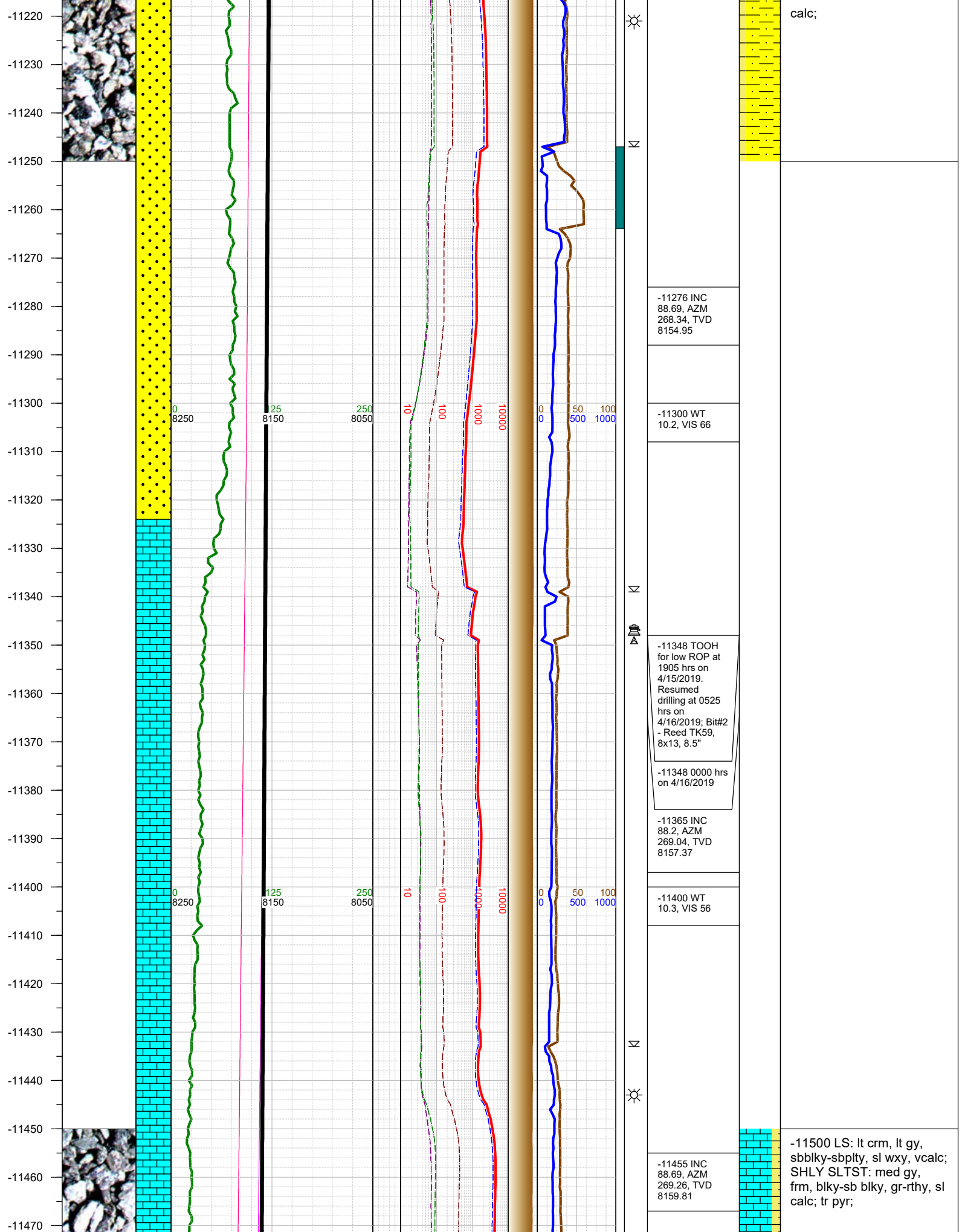
-10000 SHLY SS: lt-med gy-brn, fri, f gr, mod-w srt, sbang-sbrndt, sil-arg cmt; SHLY SLTST: med gy, frm, blk-y-sb blk-y, gr-rthy, sl calc; SS: pred lt brn, pred med sb ang-sb rd f gr clus w/sil-arg cmt, frm-sl hd, p srt, ip sl calc;

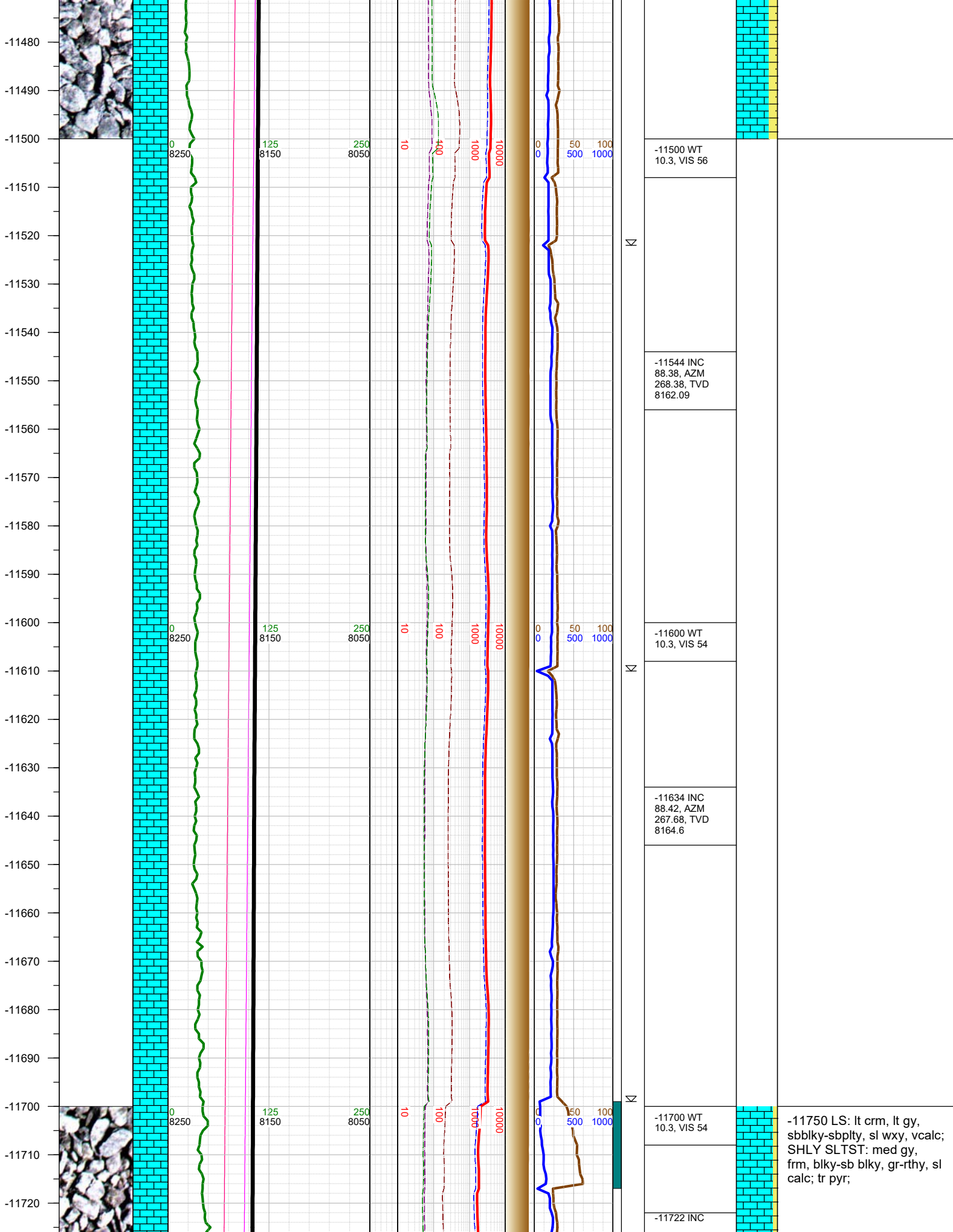


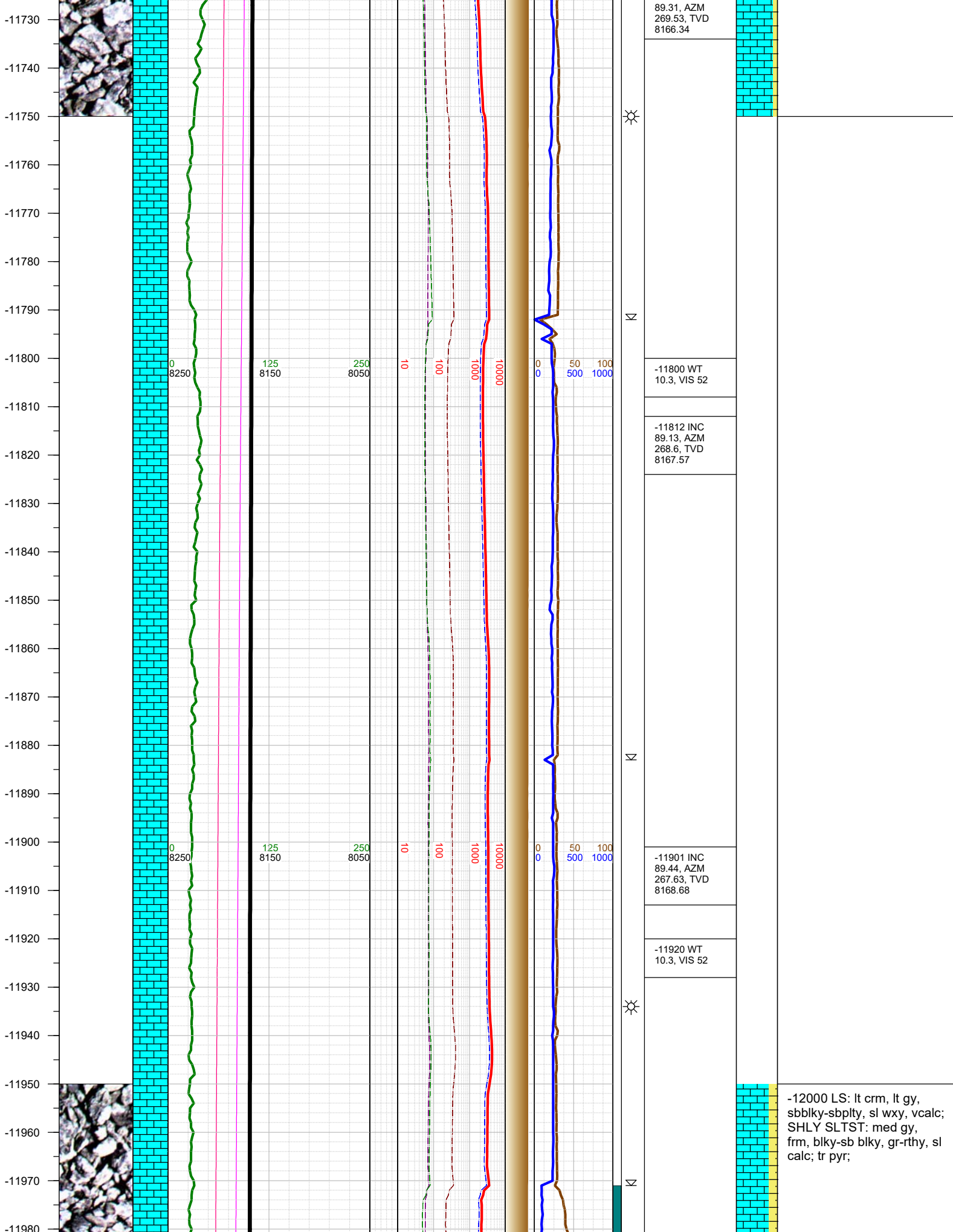


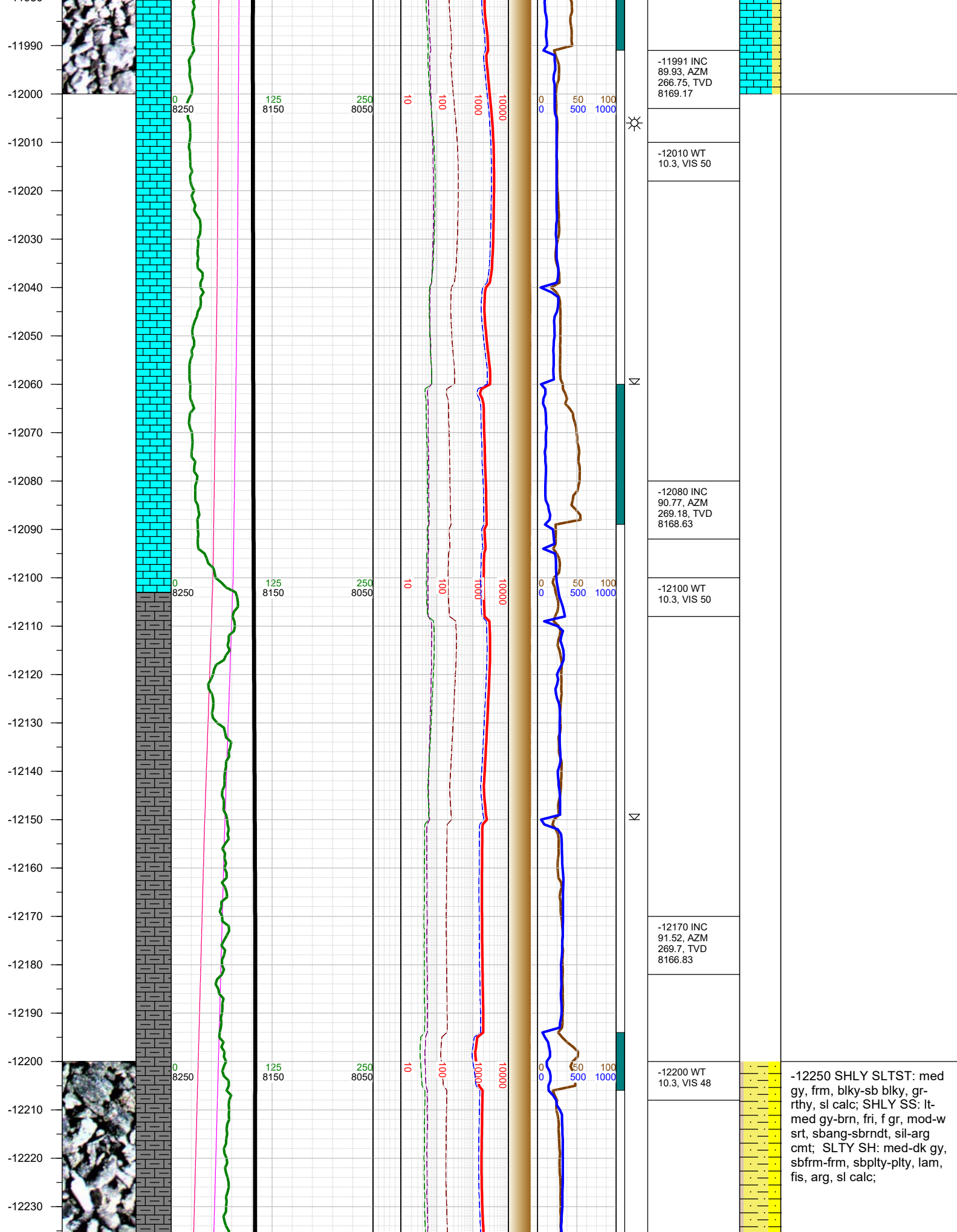


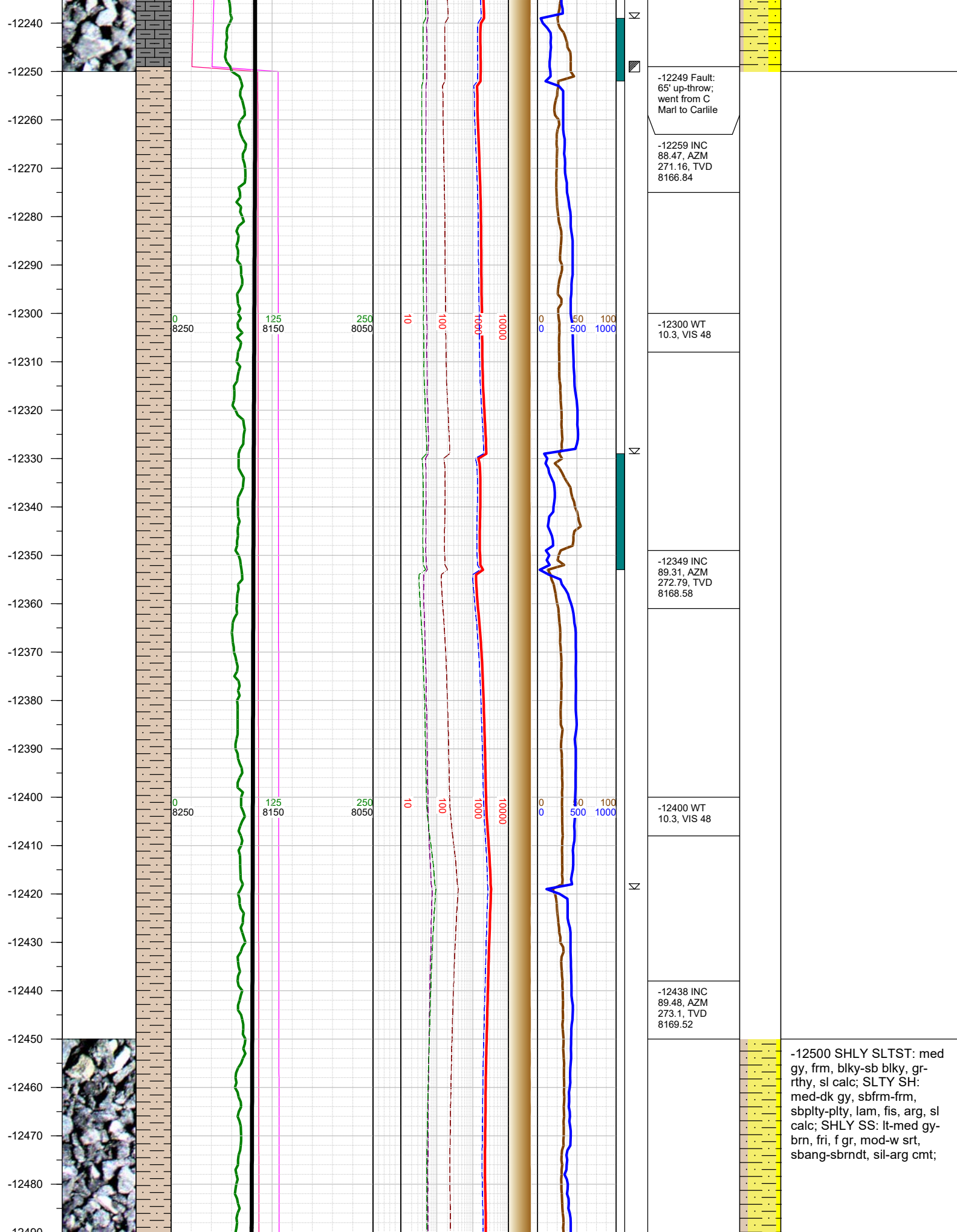


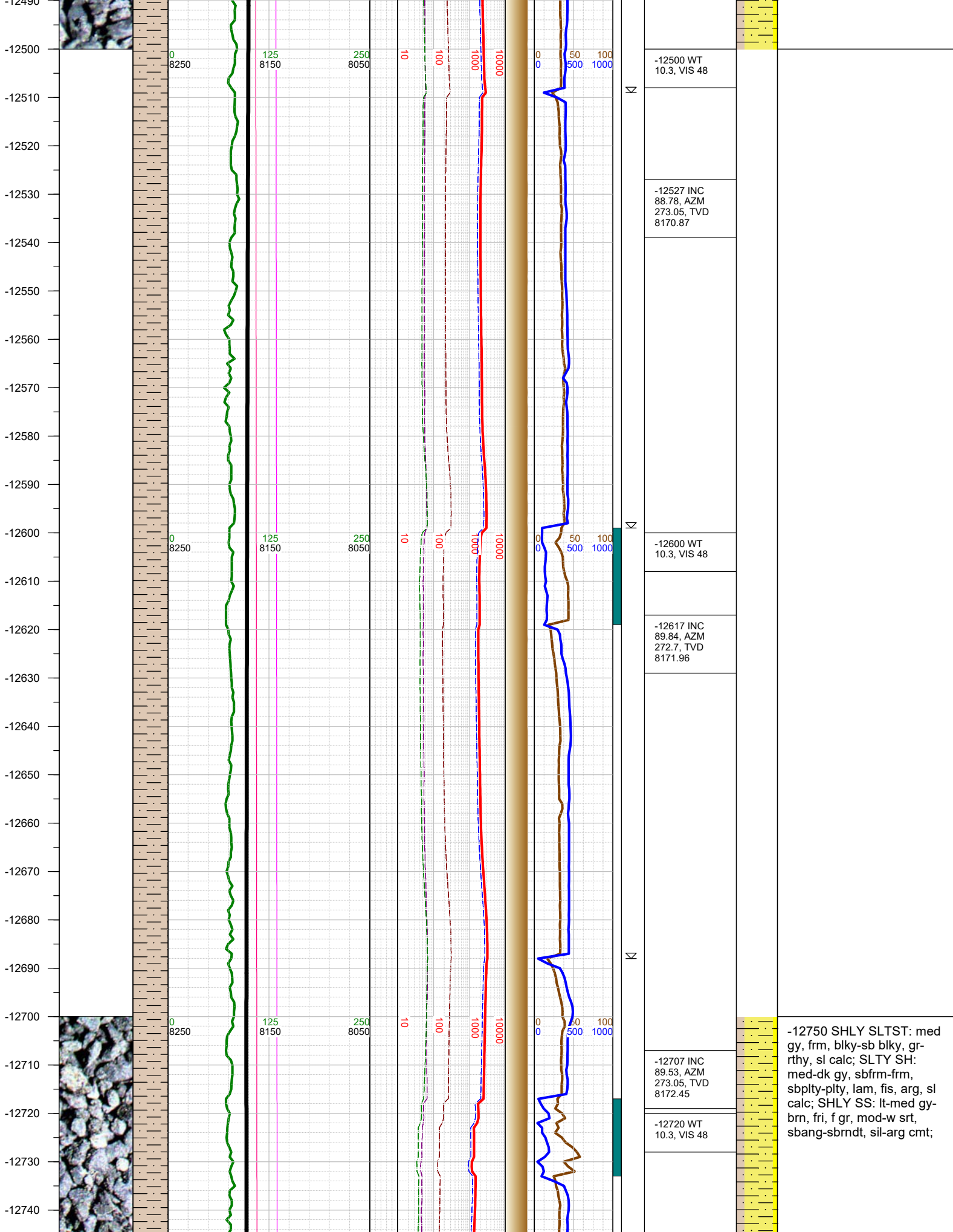




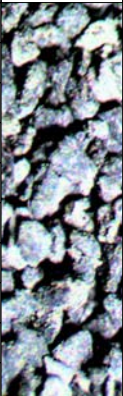








-12750
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-12990



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8150

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8050

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10000

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0

50

100

1000



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N

N

-12796 INC
91.03, AZM
272.26, TVD
8172.02

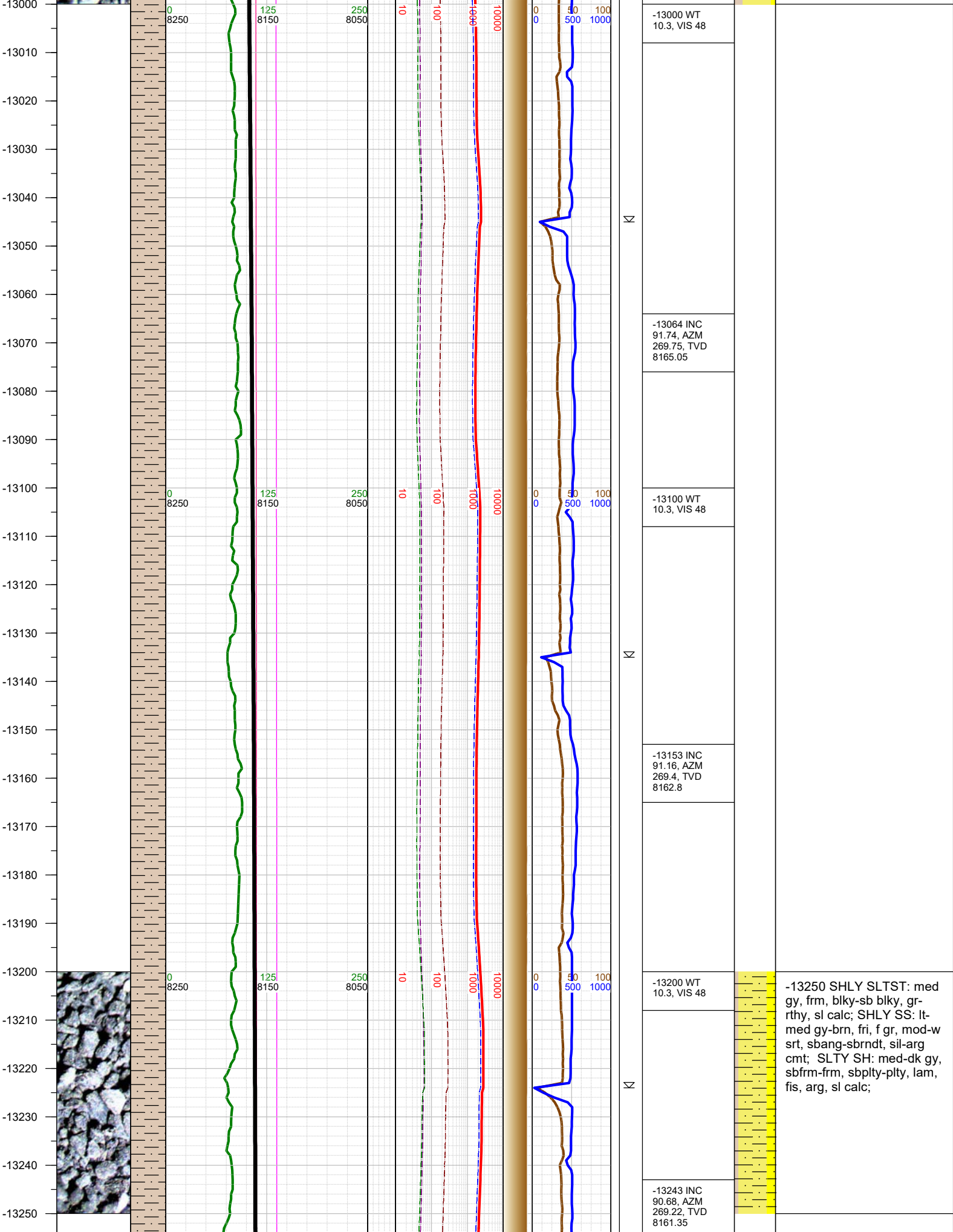
-12810 WT
10.3, VIS 48

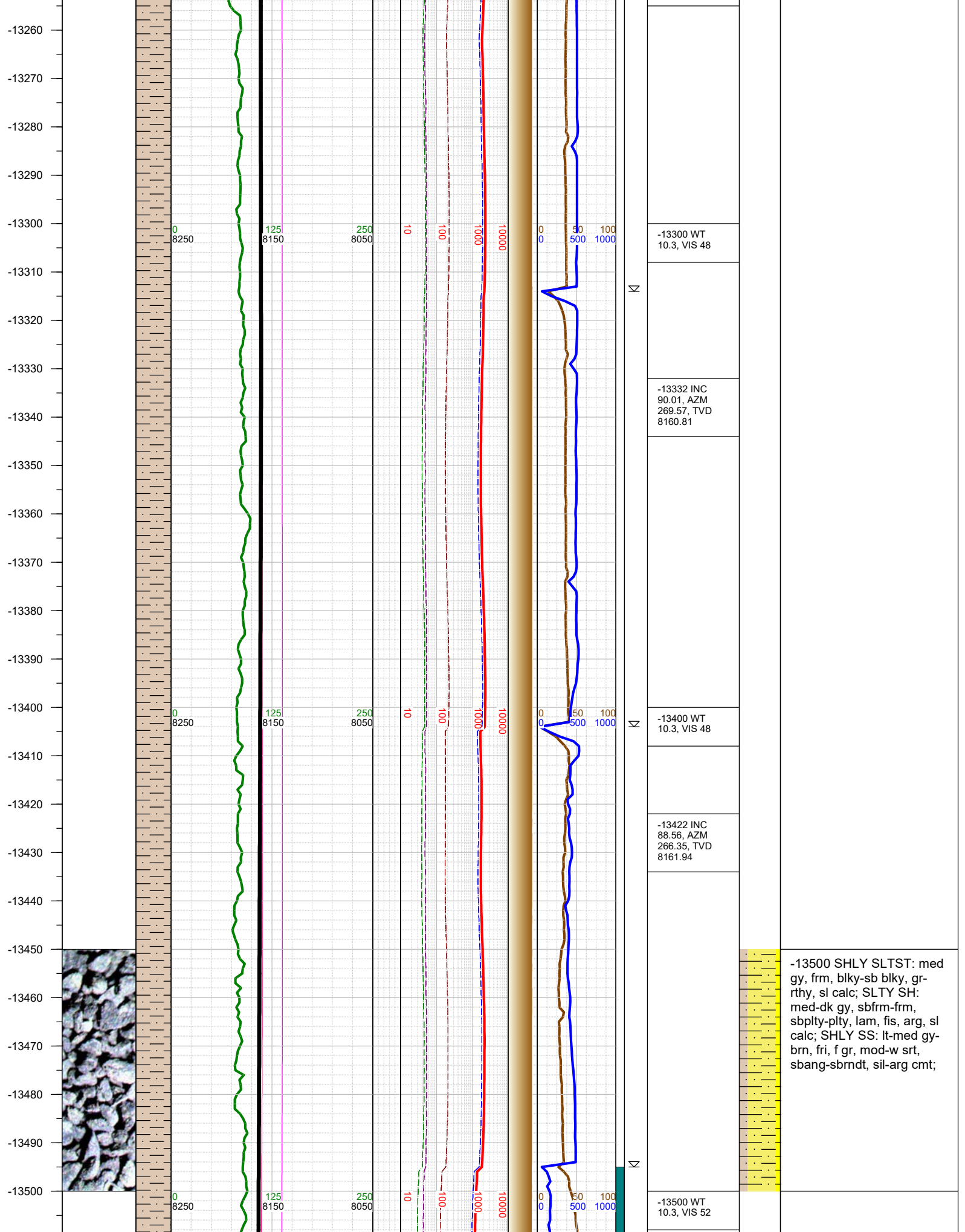
-12885 INC
90.72, AZM
272.61, TVD
8170.66

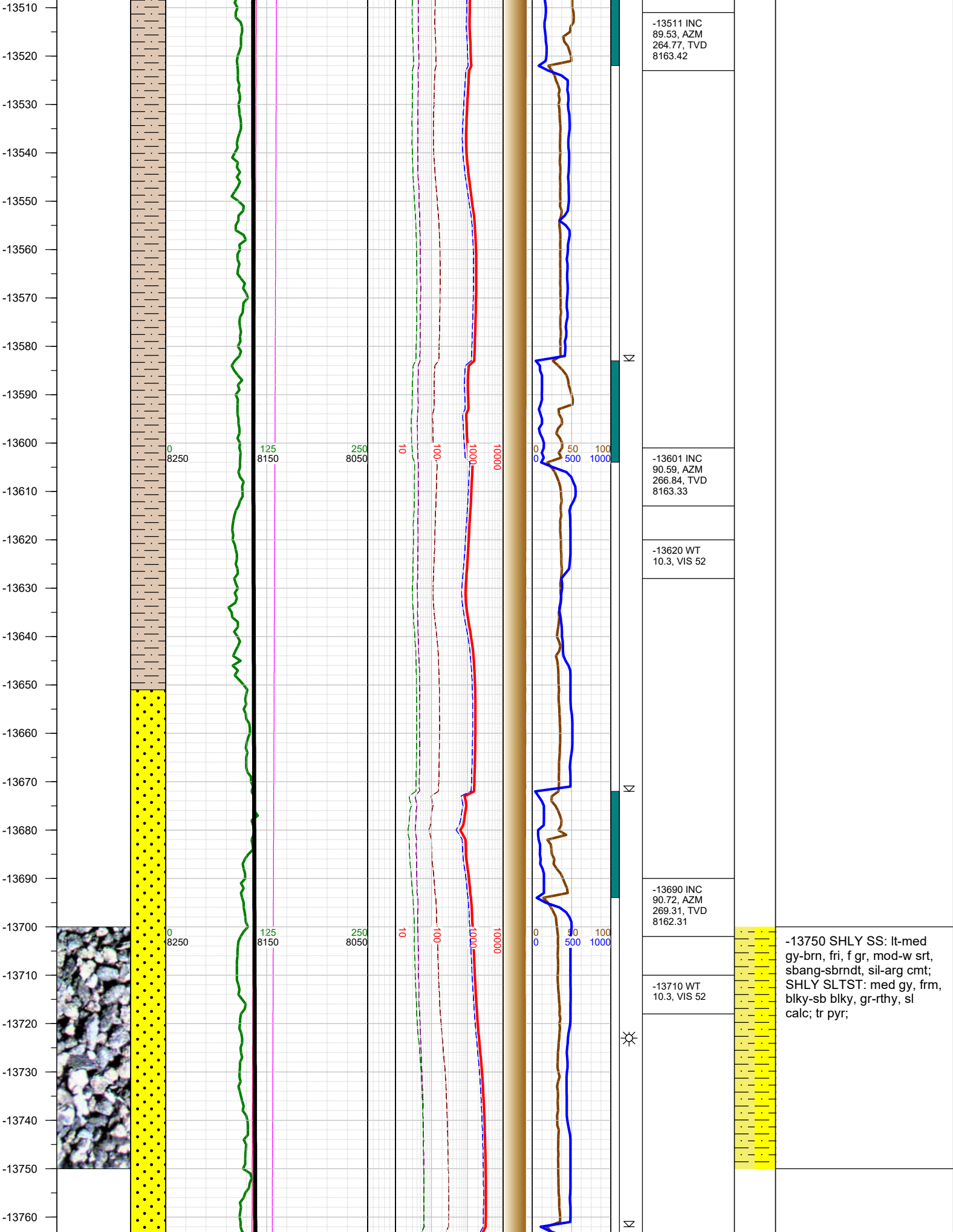
-12900 WT
10.3, VIS 48

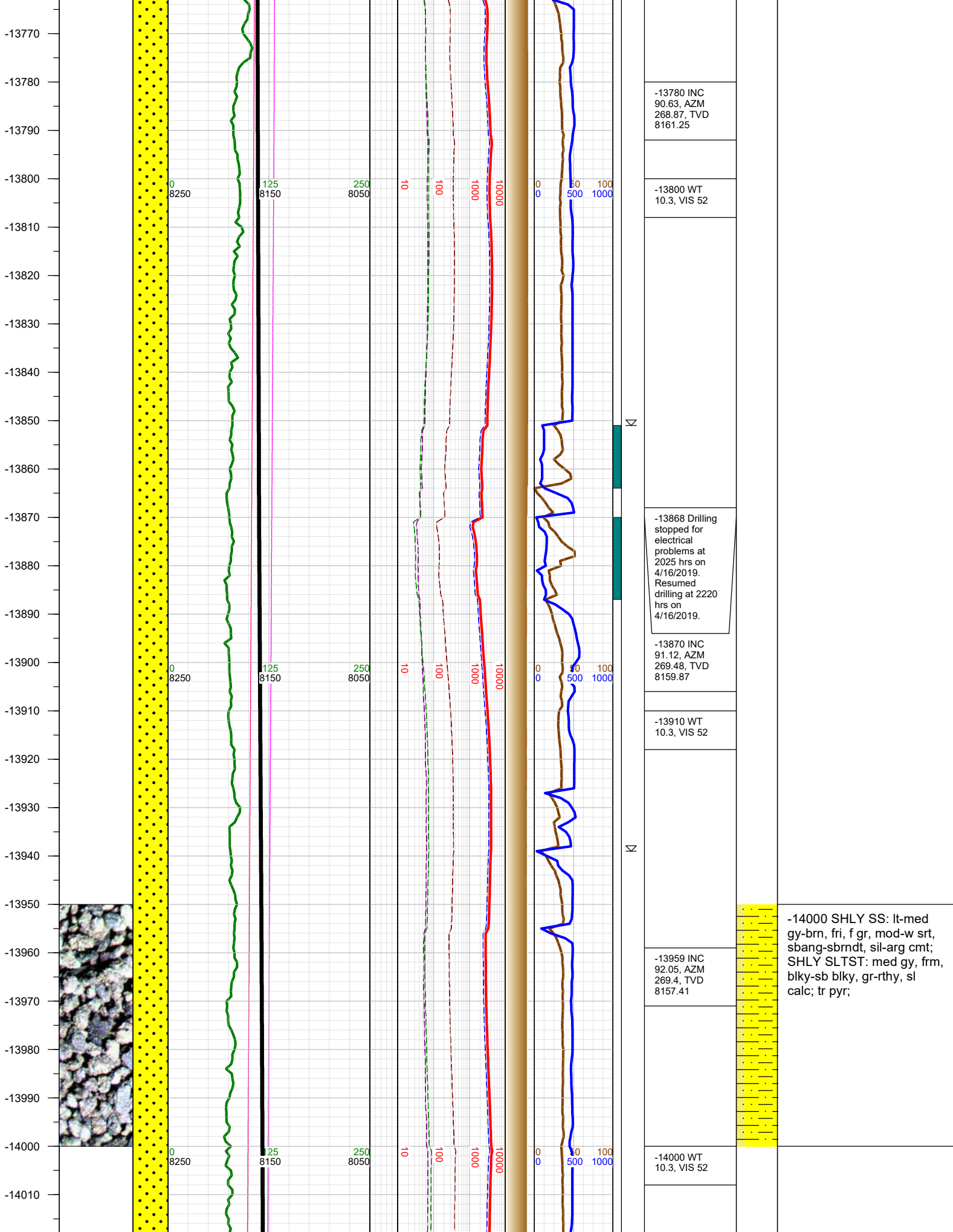
-12974 INC
92.36, AZM
270.76, TVD
8168.27

-13000 SHLY SLTST: med
gy, frm, blk-y-sb blk-y, gr-
rthy, sl calc; SLTY SH:
med-dk gy, sbfrm-frm,
sbplty-plty, lam, fis, arg, sl
calc; SHLY SS: lt-med gy-
brn, fri, f gr, mod-w srt,
sbang-sbrndt, sil-arg cmt;









-13780 INC
90.63, AZM
268.87, TVD
8161.25

-13800 WT
10.3, VIS 52

-13868 Drilling
stopped for
electrical
problems at
2025 hrs on
4/16/2019.
Resumed
drilling at 2220
hrs on
4/16/2019.

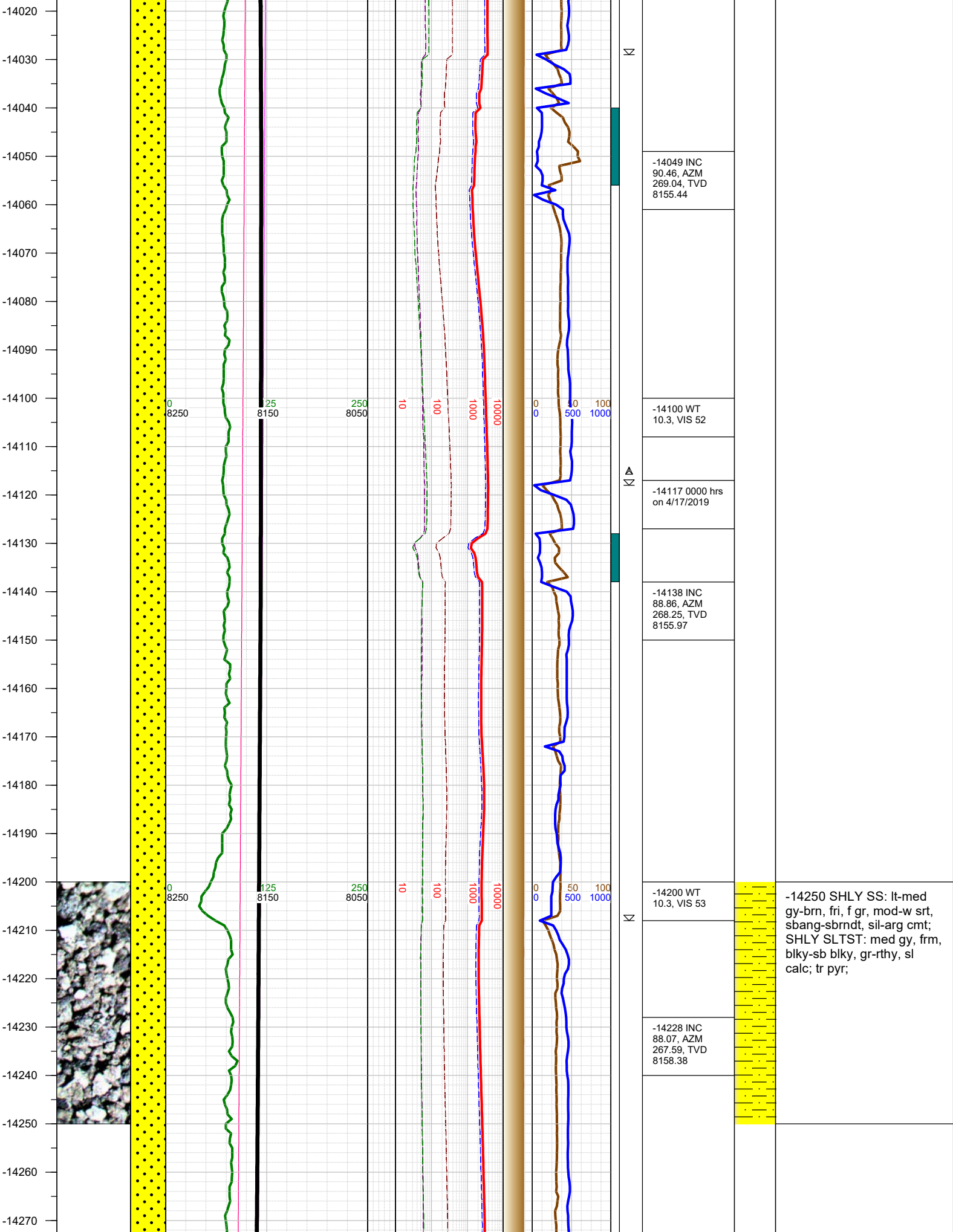
-13870 INC
91.12, AZM
269.48, TVD
8159.87

-13910 WT
10.3, VIS 52

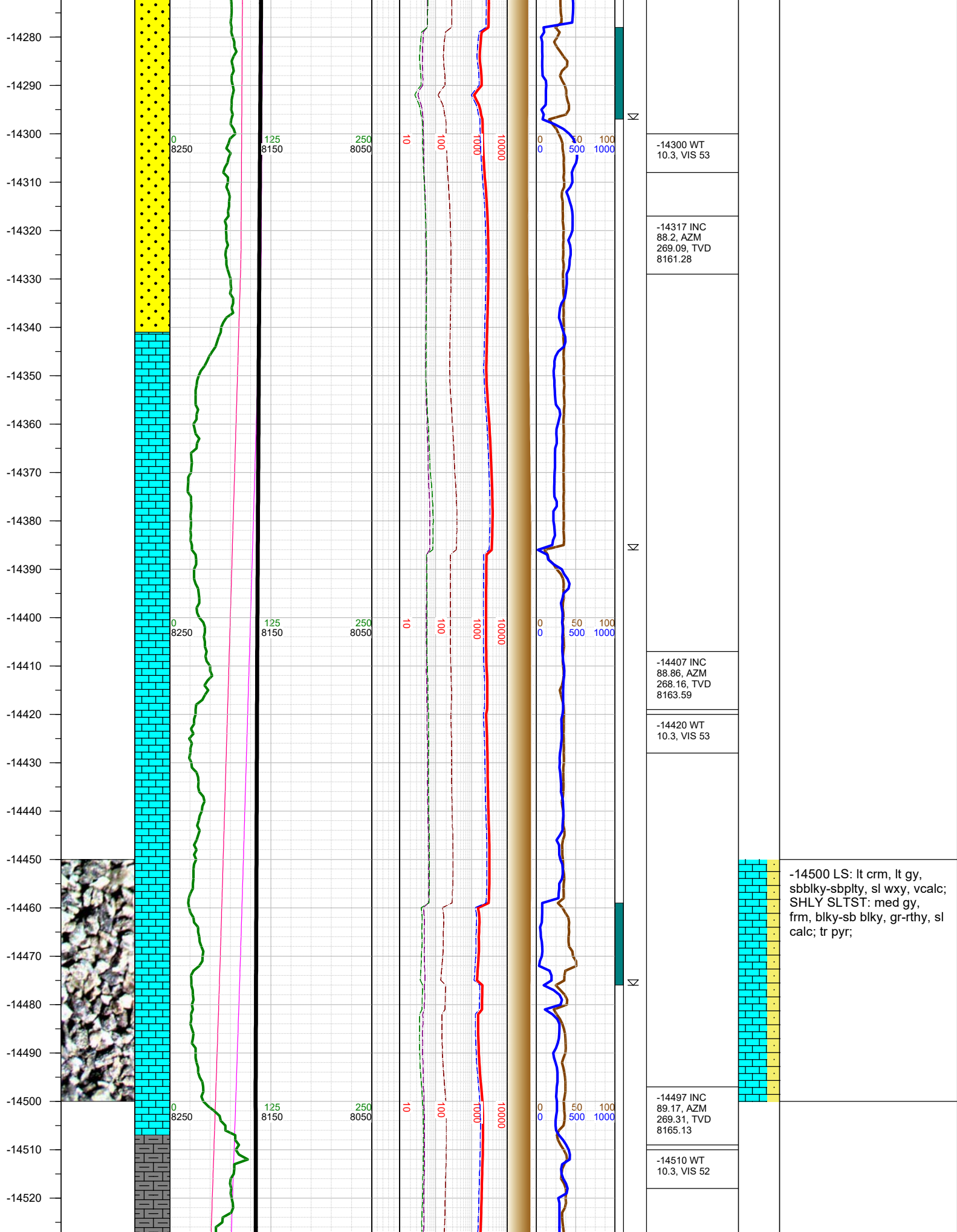
-13959 INC
92.05, AZM
269.4, TVD
8157.41

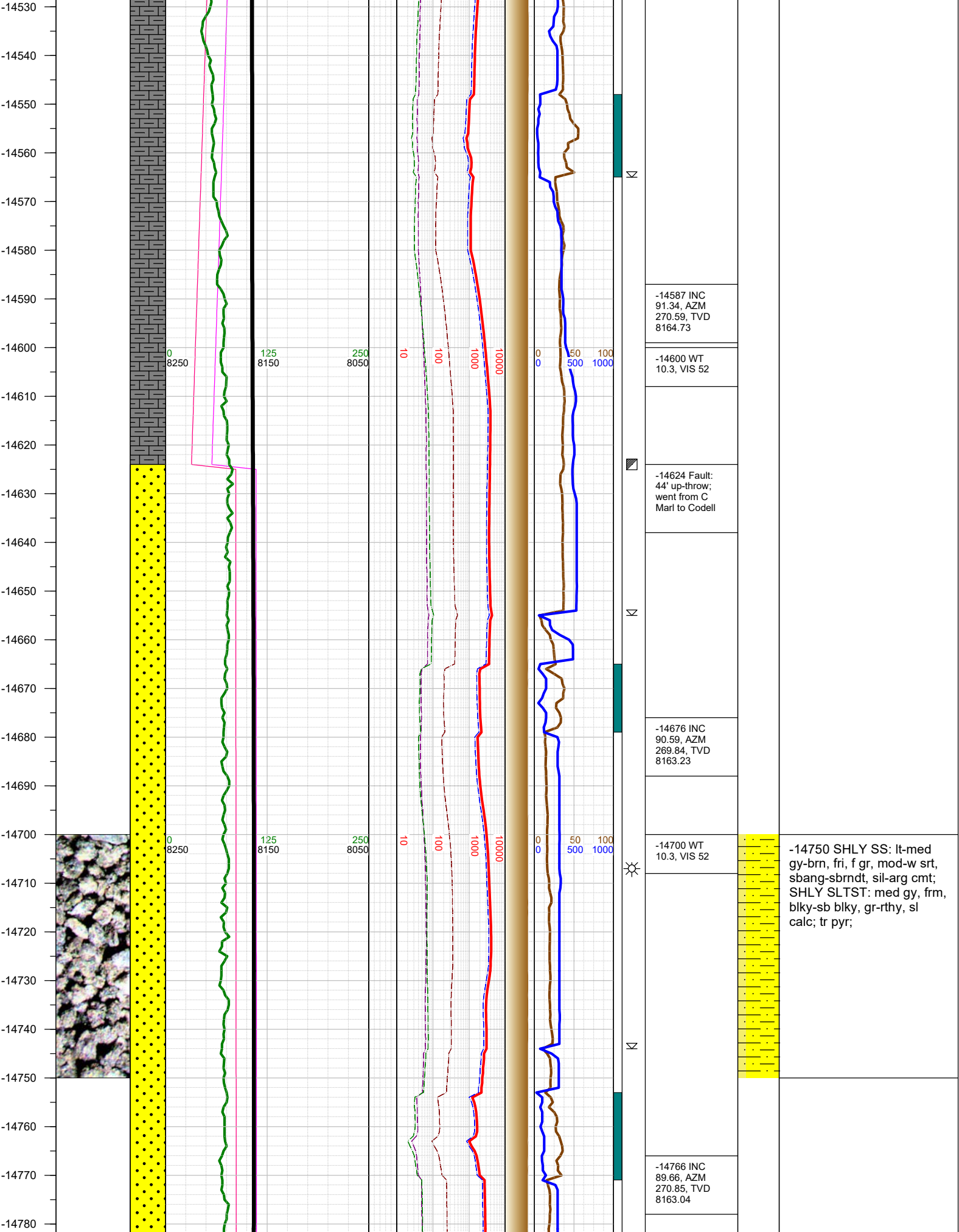
-14000 WT
10.3, VIS 52

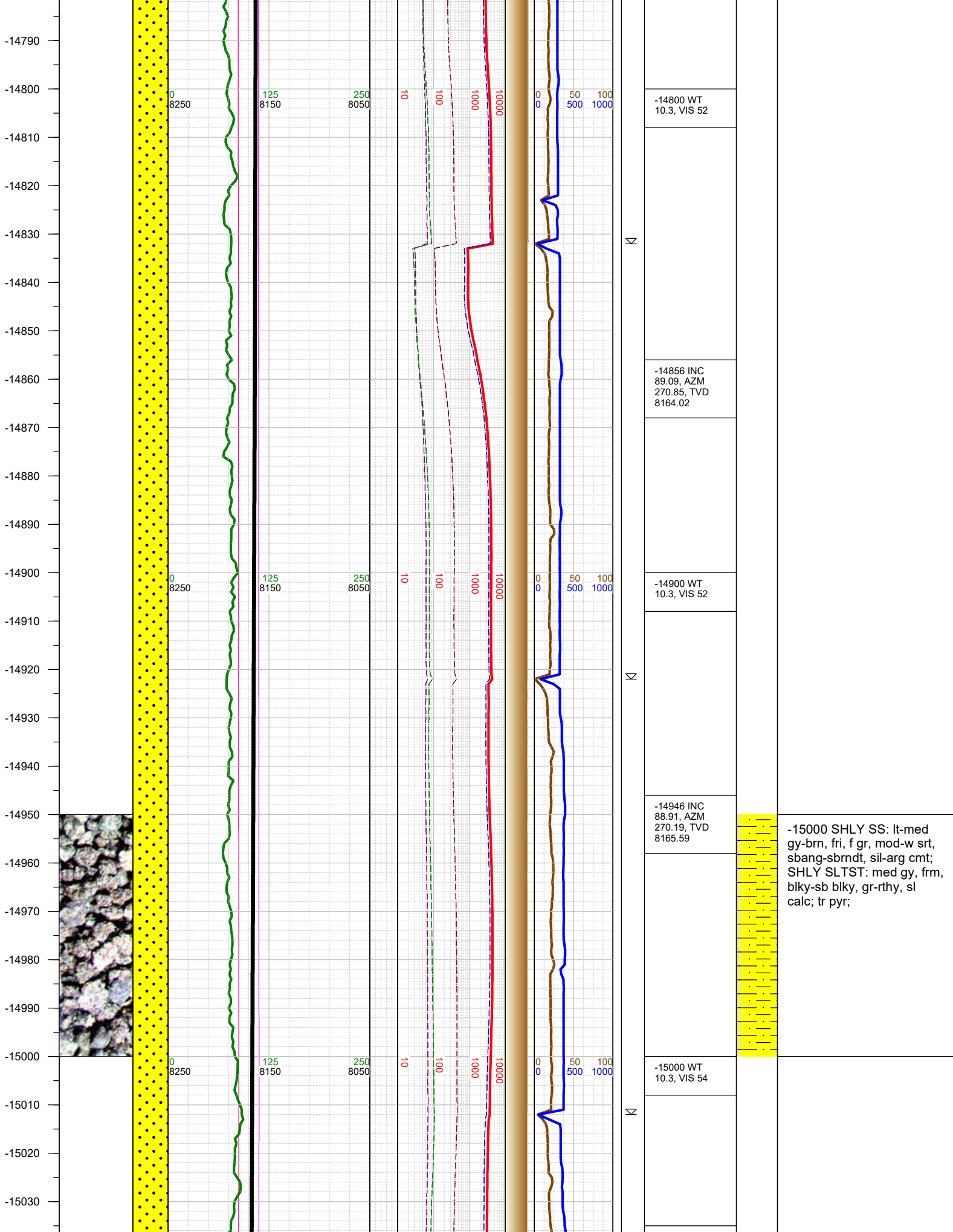
-14000 SHLY SS: lt-med
gy-brn, fri, f gr, mod-w srt,
sbang-sbrndt, sil-arg cmt;
SHLY SLTST: med gy, frm,
blk-y-sb blk-y, gr-rthy, sl
calc; tr pyr;

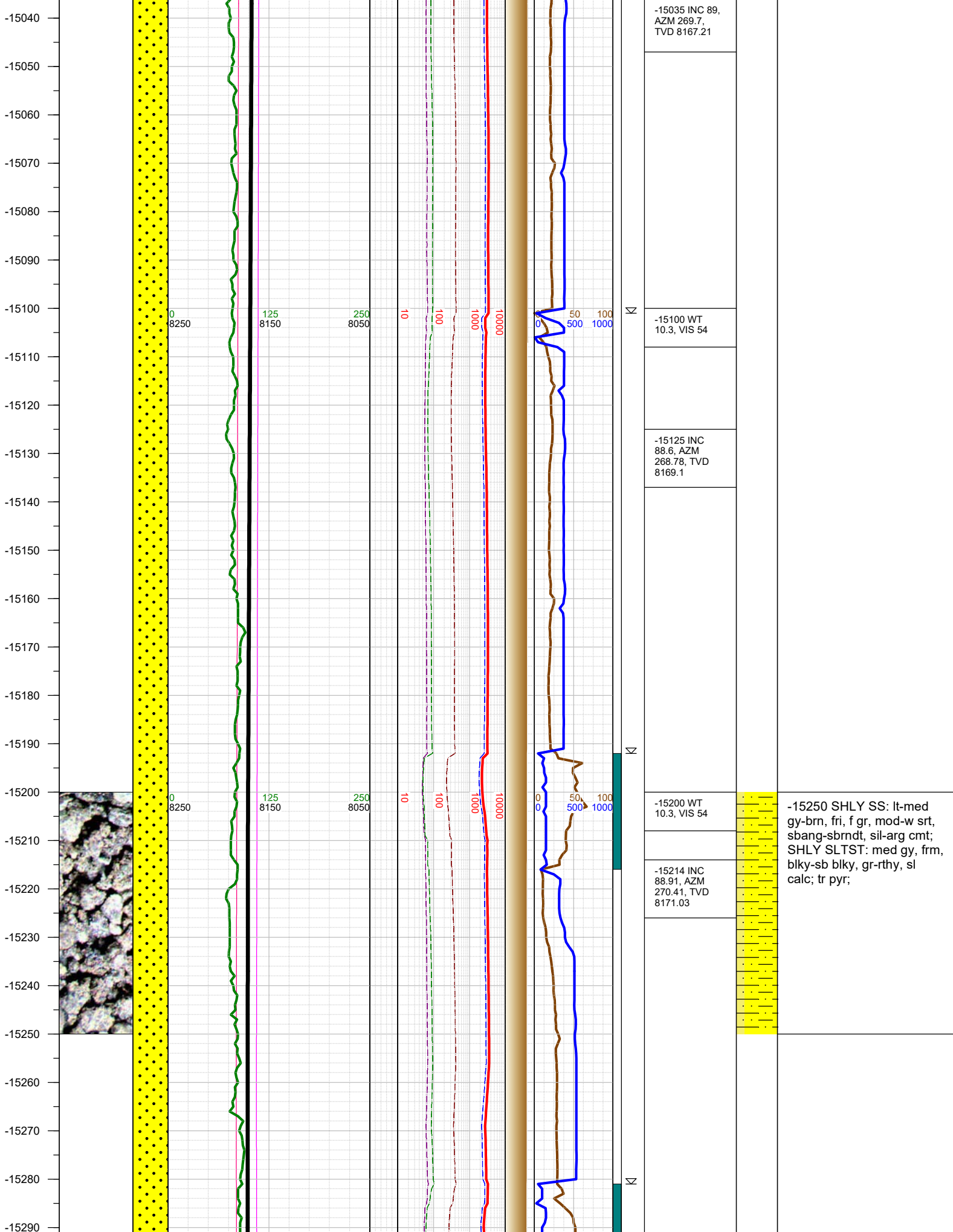


-14250 SHLY SS: lt-med gy-brn, fri, f gr, mod-w srt, sbang-sbrndt, sil-arg cmt; SHLY SLTST: med gy, frm, blk-y-sb blk-y, gr-rthy, sl calc; tr pyr;

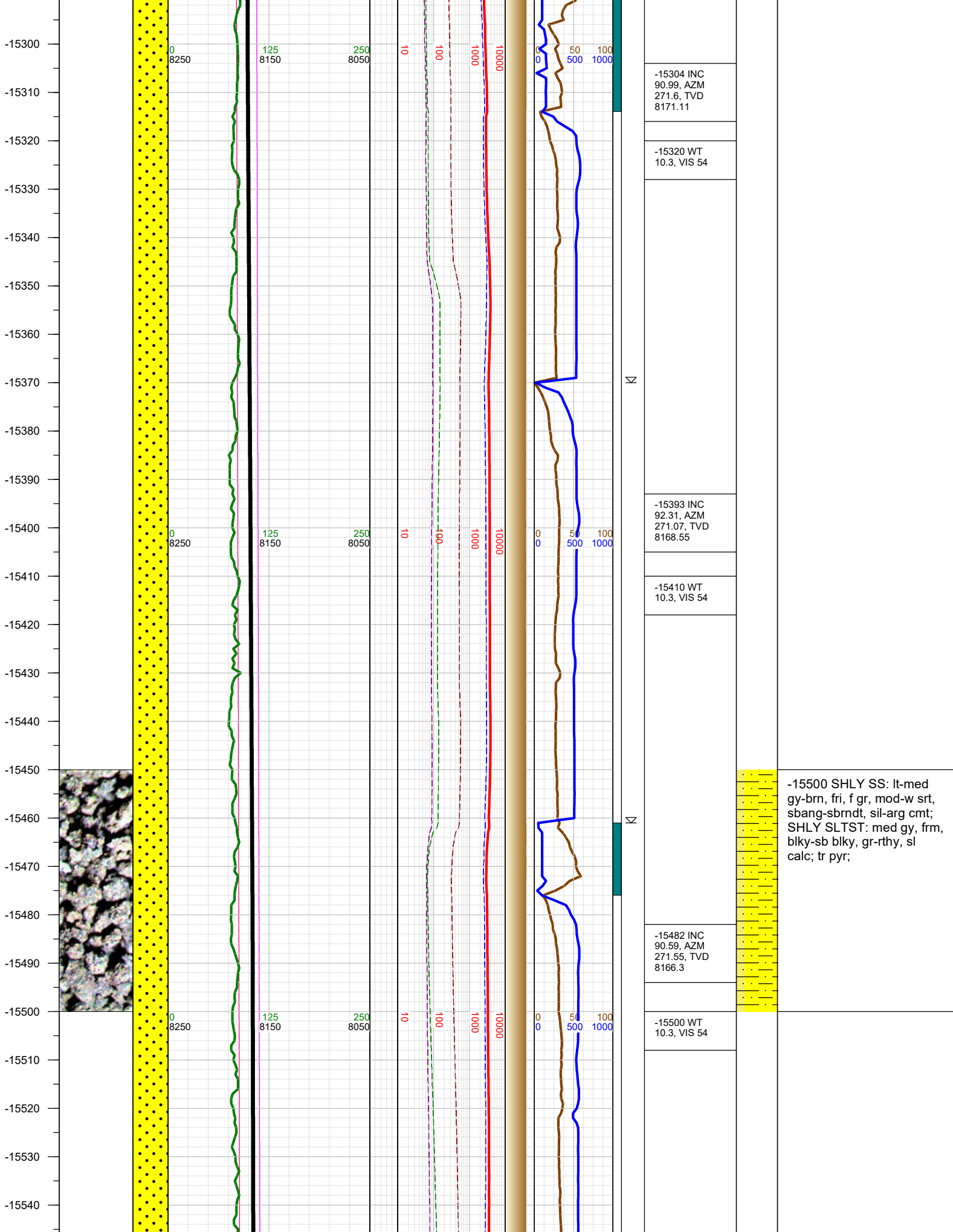








-15250 SHLY SS: lt-med gy-brn, fri, f gr, mod-w srt, sbang-sbrndt, sil-arg cmt; SHLY SLTST: med gy, frm, blk-y-sb blk-y, gr-rthy, sl calc; tr pyr;



-15304 INC
90.99, AZM
271.6, TVD
8171.11

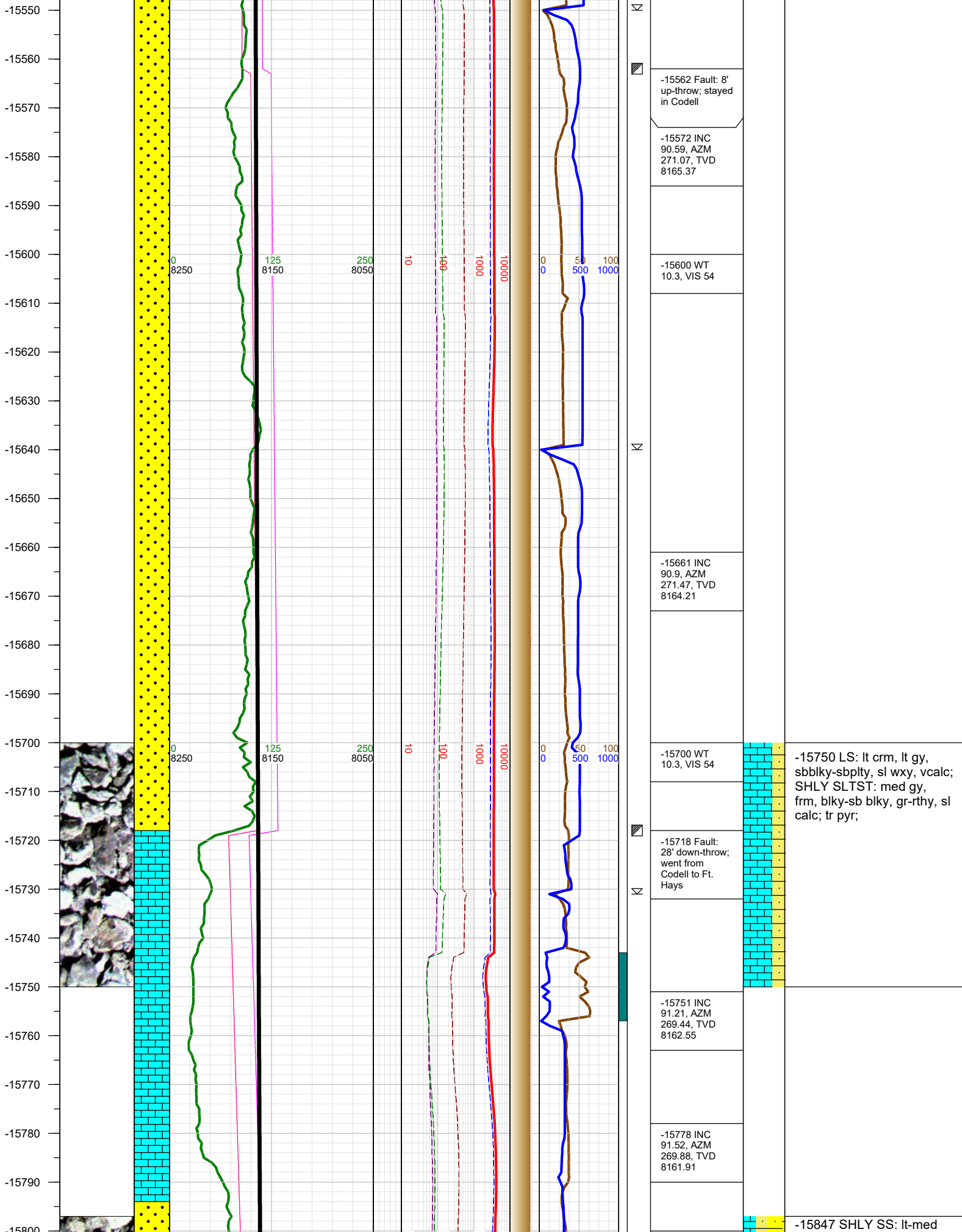
-15320 WT
10.3, VIS 54

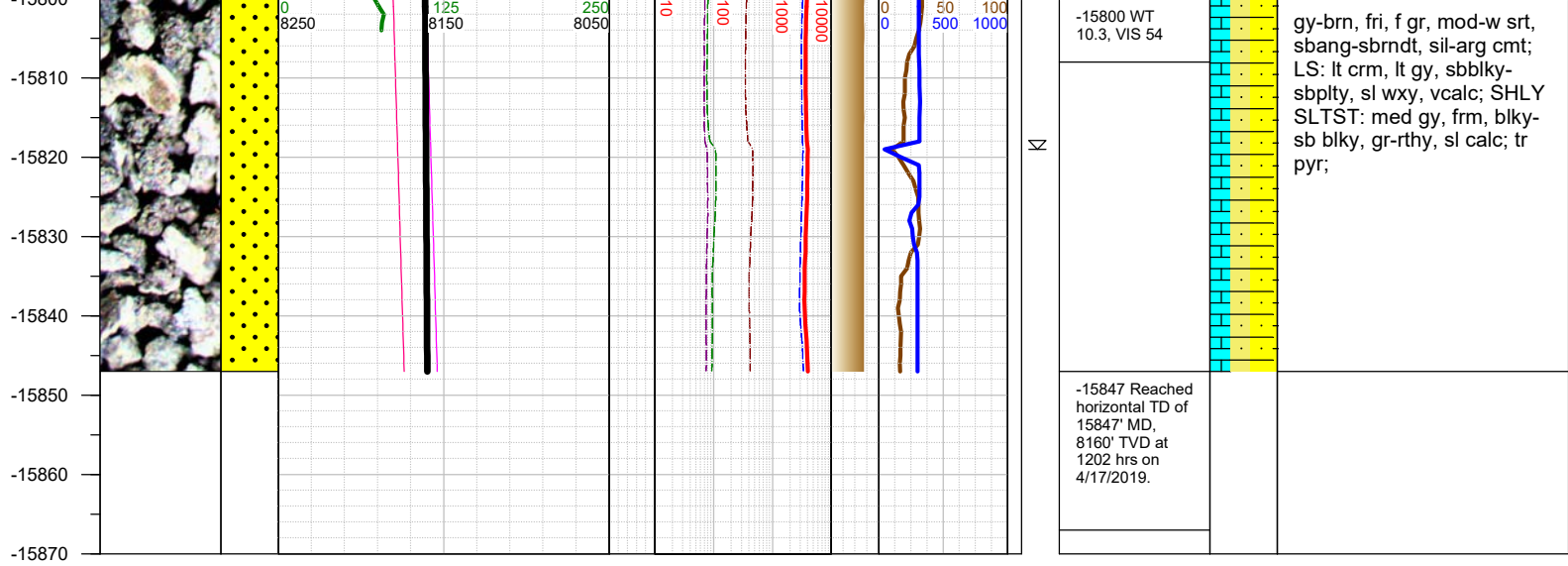
-15393 INC
92.31, AZM
271.07, TVD
8168.55

-15410 WT
10.3, VIS 54

-15482 INC
90.59, AZM
271.55, TVD
8166.3

-15500 WT
10.3, VIS 54





TOTAL DEPTH = 15847'

Thank you for using Earth Science Agency