

OPERATOR: **Extraction Oil & Gas**

WELL NAME: **Cox 5**

FIELD NAME: DJ Basin - Wattenberg

DRILLING RIG: Patterson 901

API #: 05-123-41935

LAT/LONG: 40.998636, -104.534691

SURFACE HOLE: NENW S22-T12N-R64W, 882' FNL, 2233' FWL

BOTTOM HOLE: S26-T12N-R64W, 600' FSL, 600' FWL



Earth Science Agency, LLC

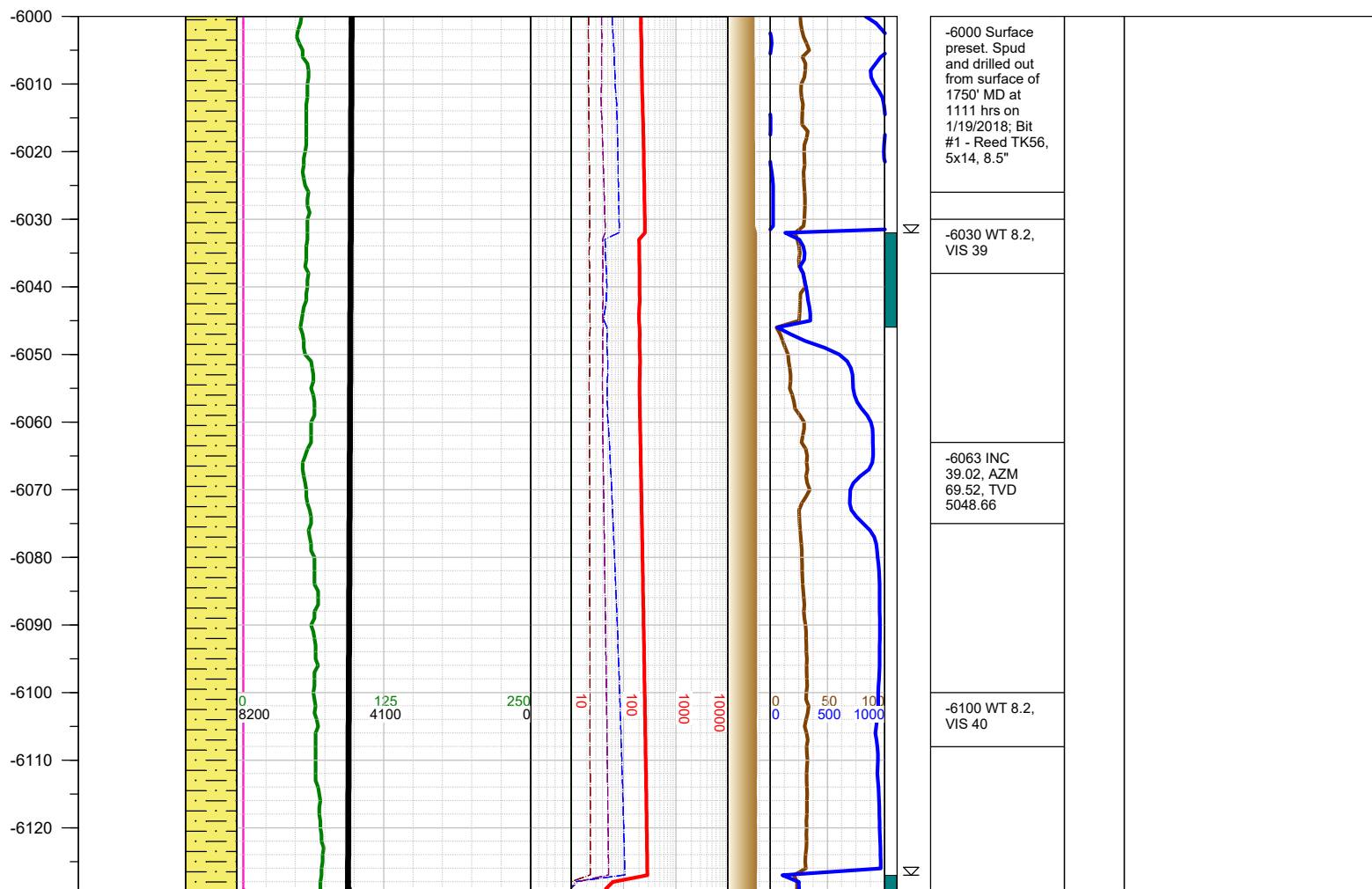
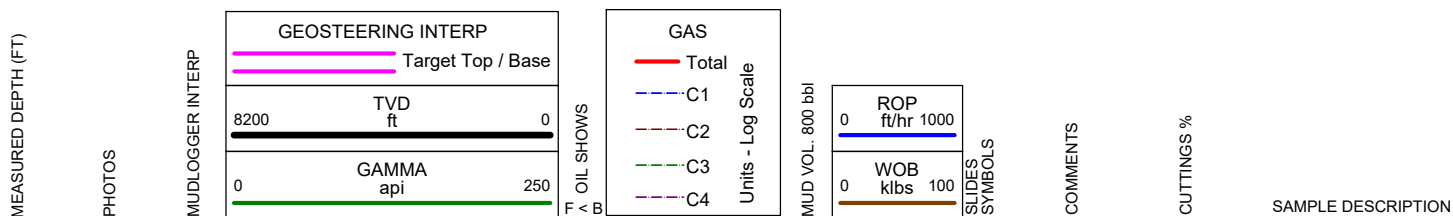
COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 5556'
KELLY BUSHING: 5576'
DRILLING FLUID: OBM
TVD VS. MD: 8043' / 19008'
SPUD DATE: January 19, 2018
TD DATE: January 26, 2018

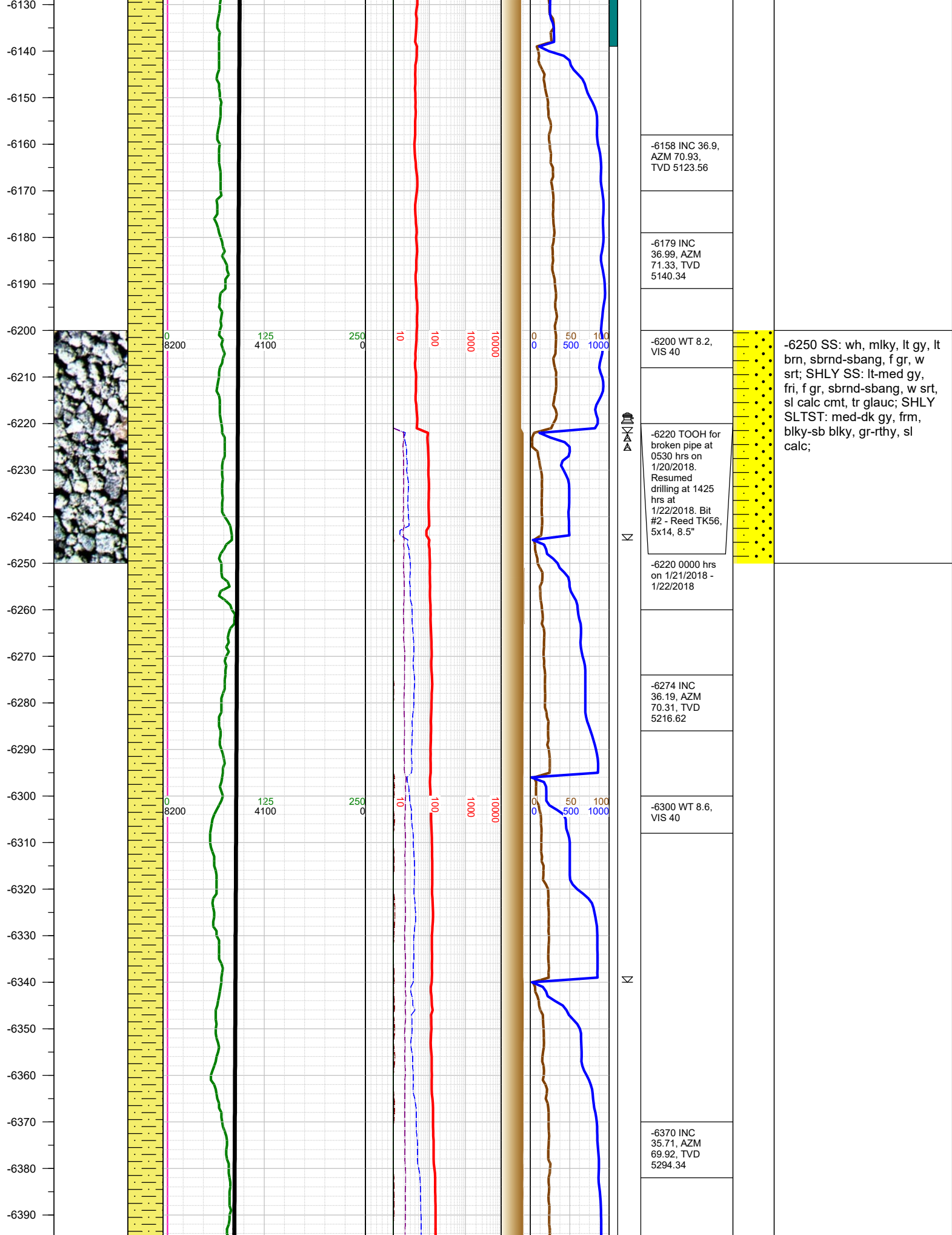
DEPTHS LOGGED: 6000' - 19008'
DATES LOGGED: January 19, 2018 - January 26, 2018
GEOLOGISTS: Blake Eatherton, Dominic Pitre
SCALE: 5" = 100'

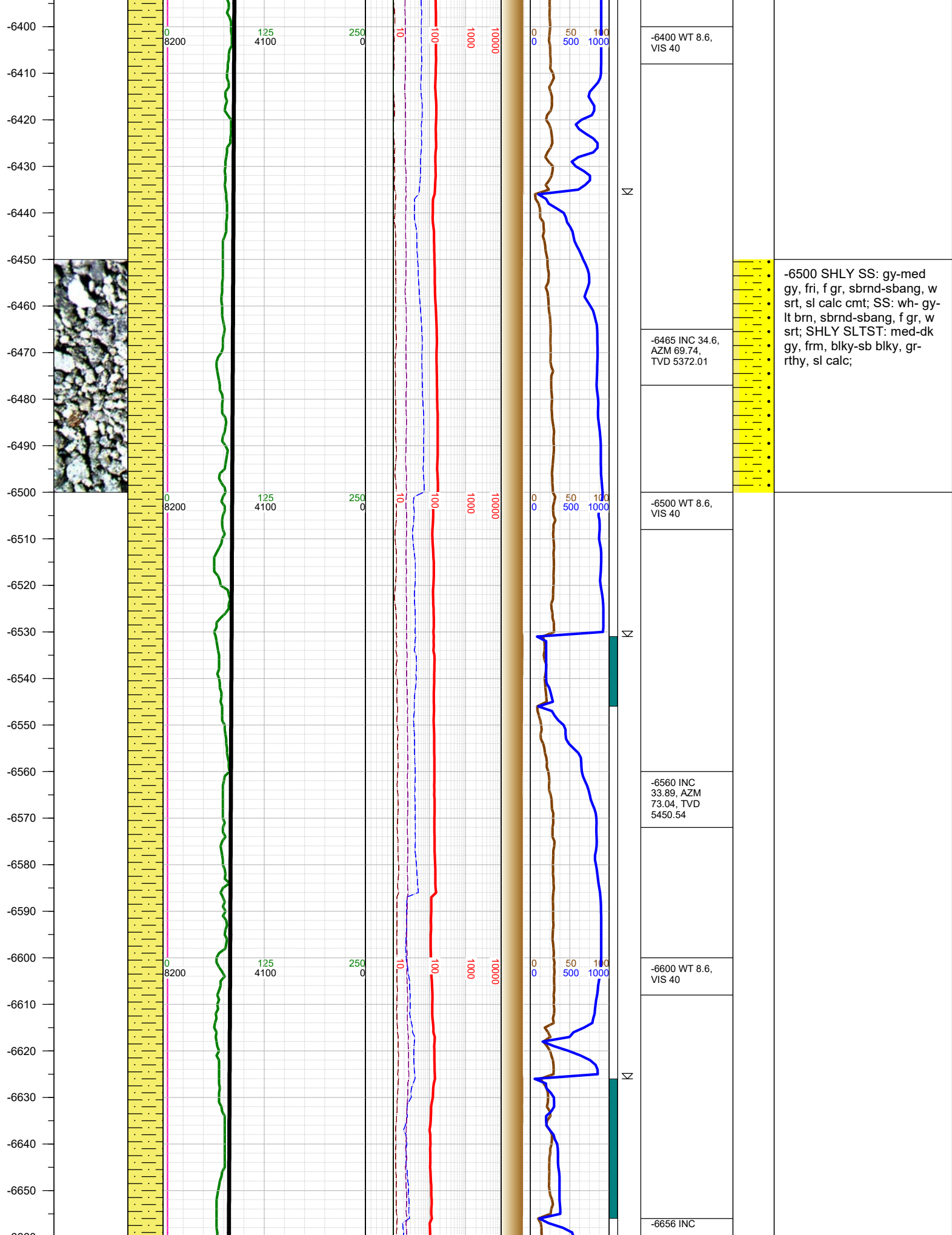
LEGEND

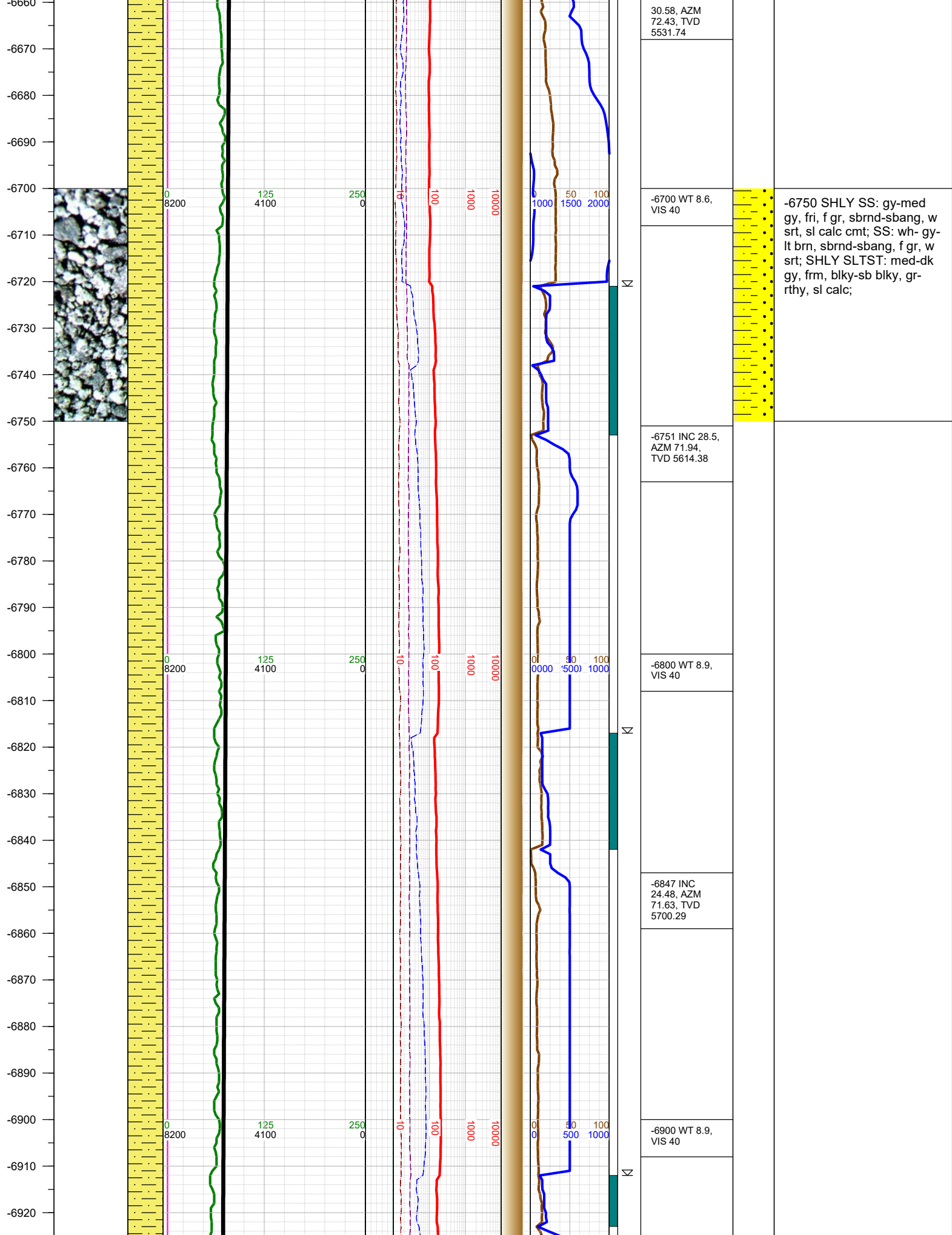


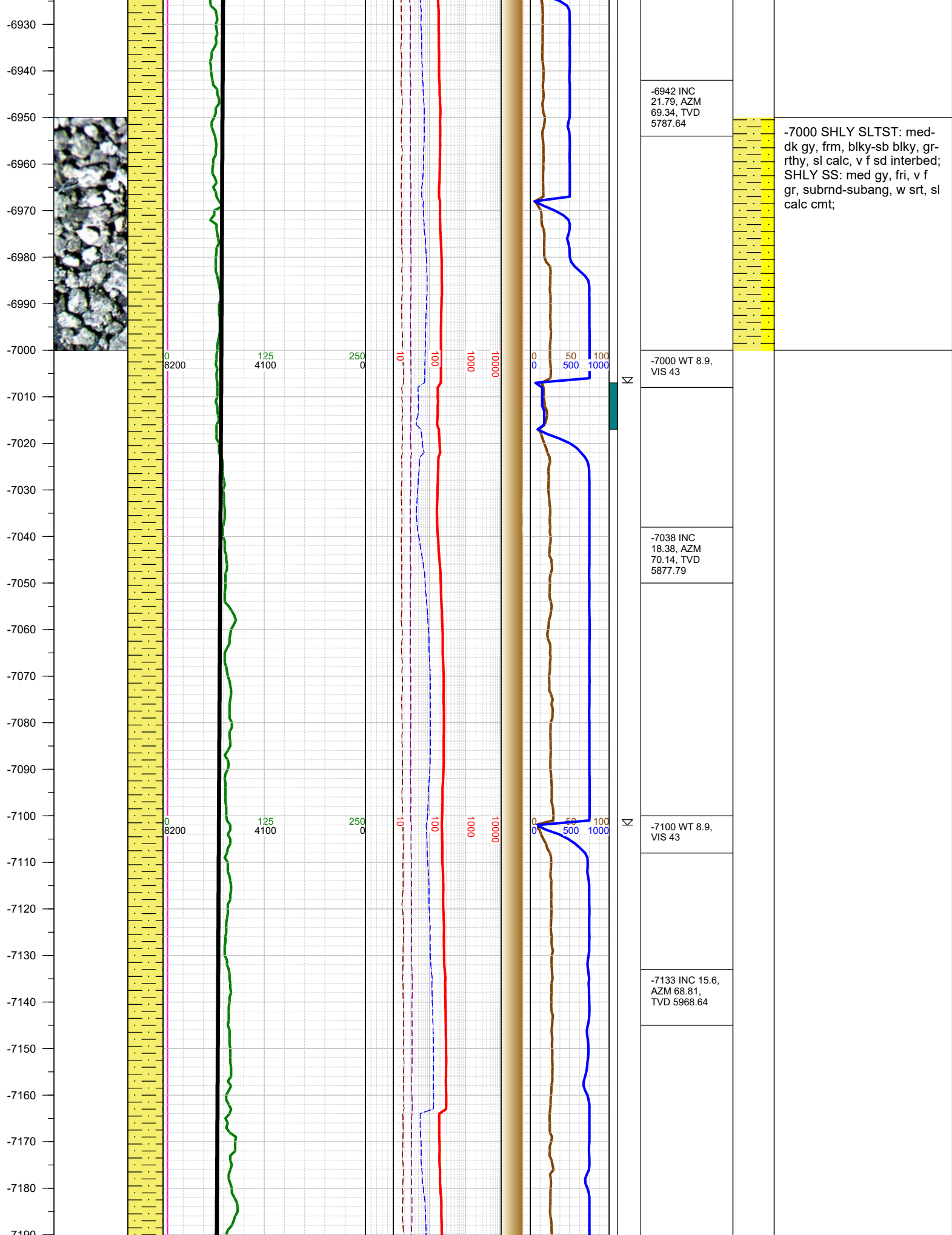
FORMATION \approx CONNECTION Δ MIDNIGHT NEW BIT GAS SHOW FAULT

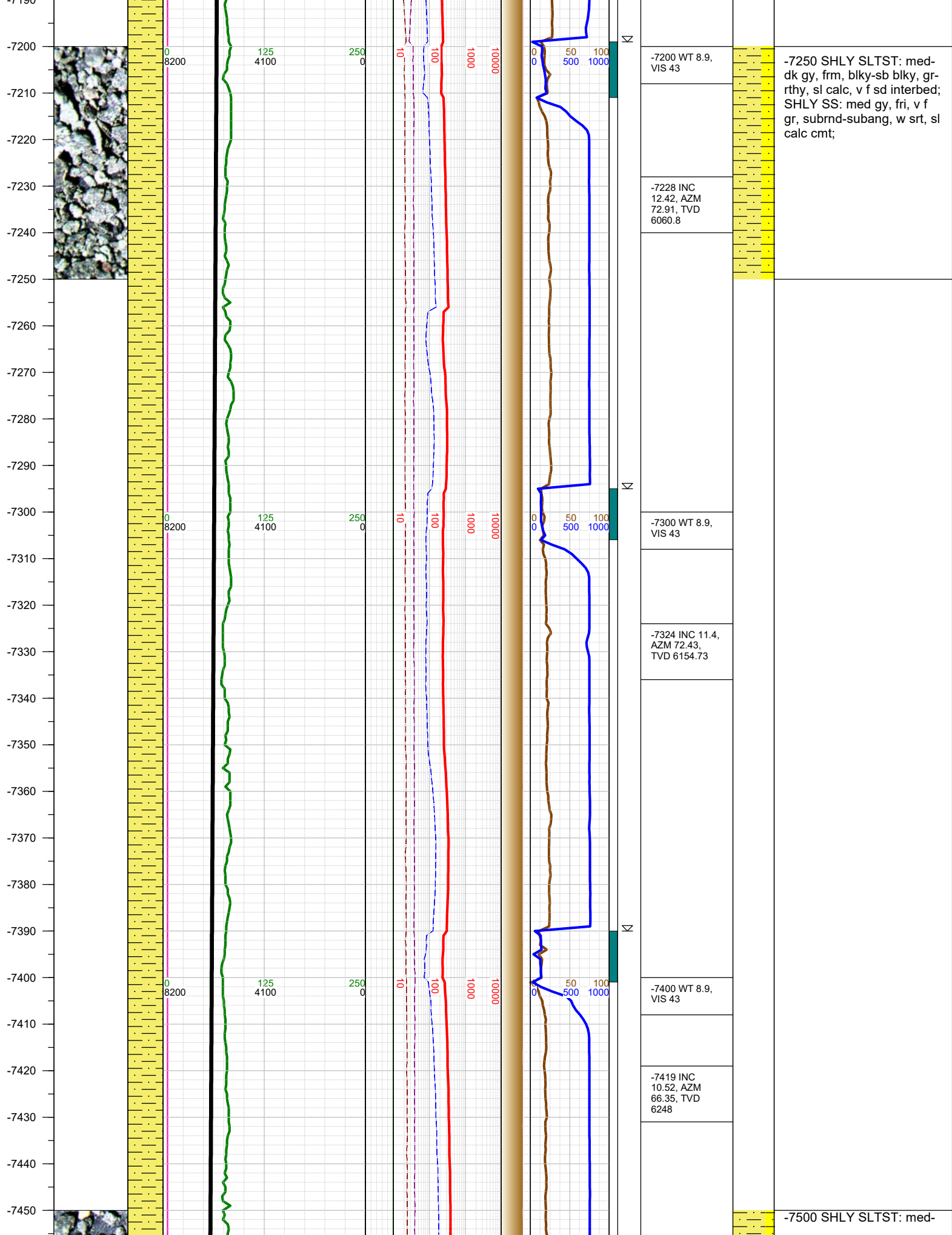


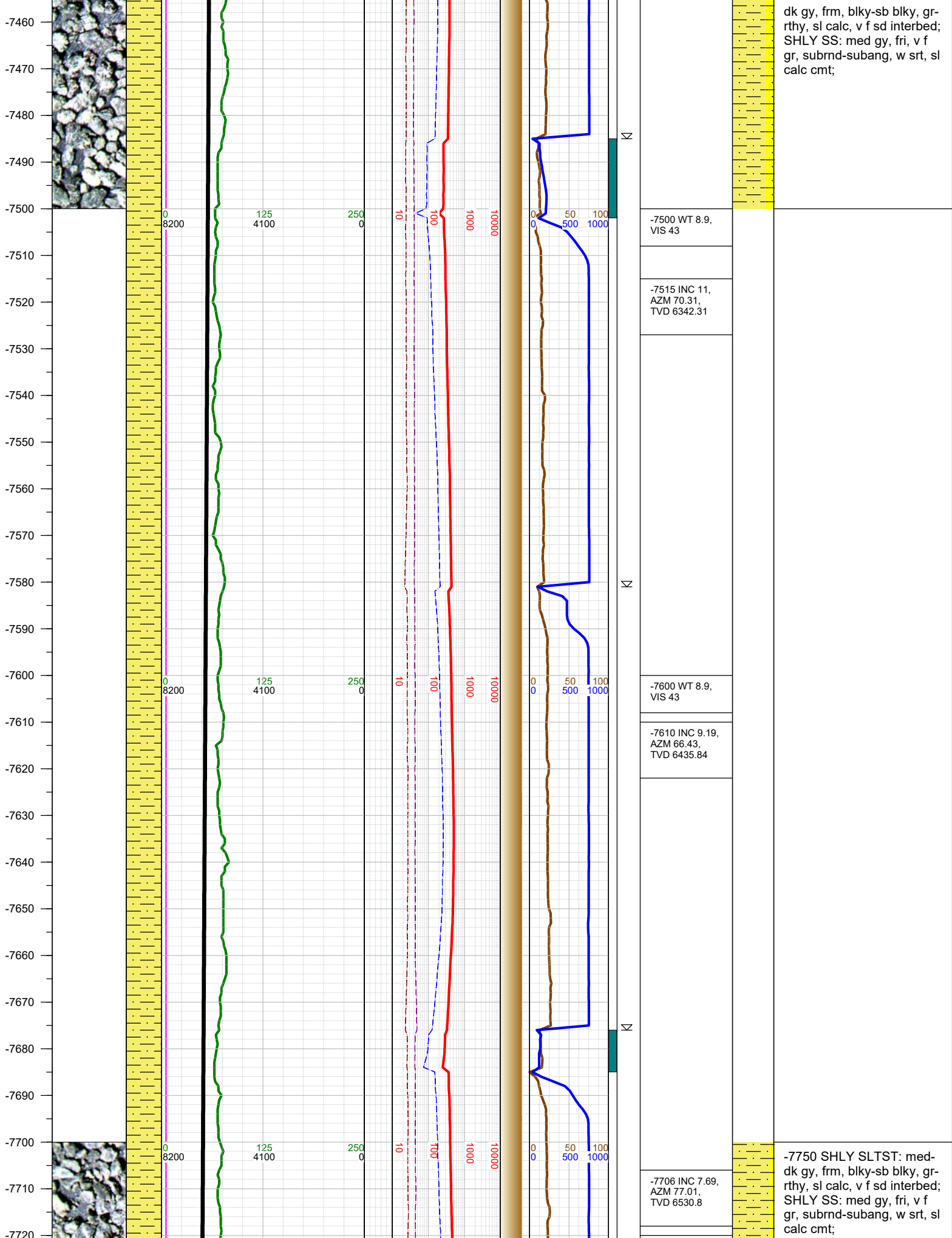


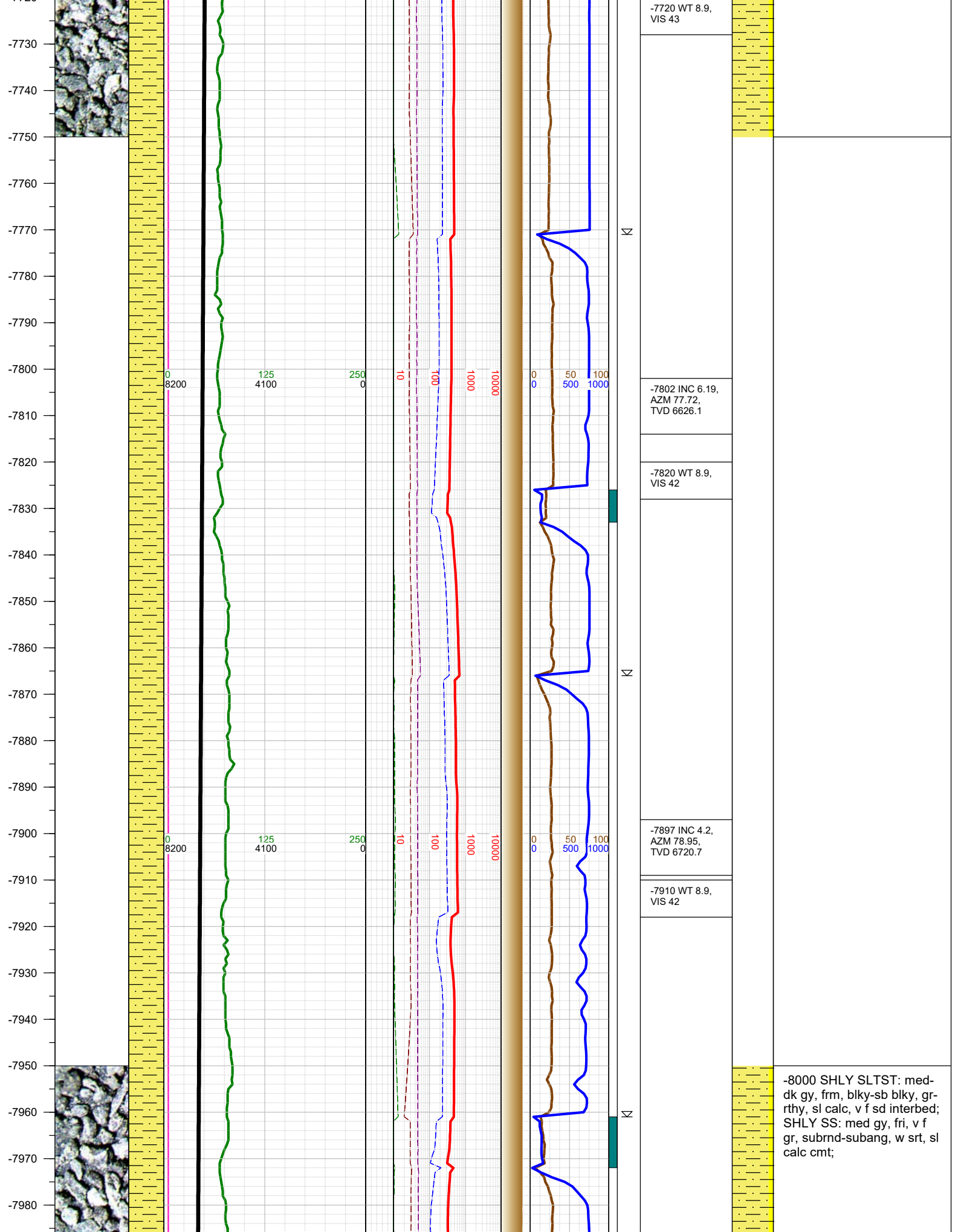


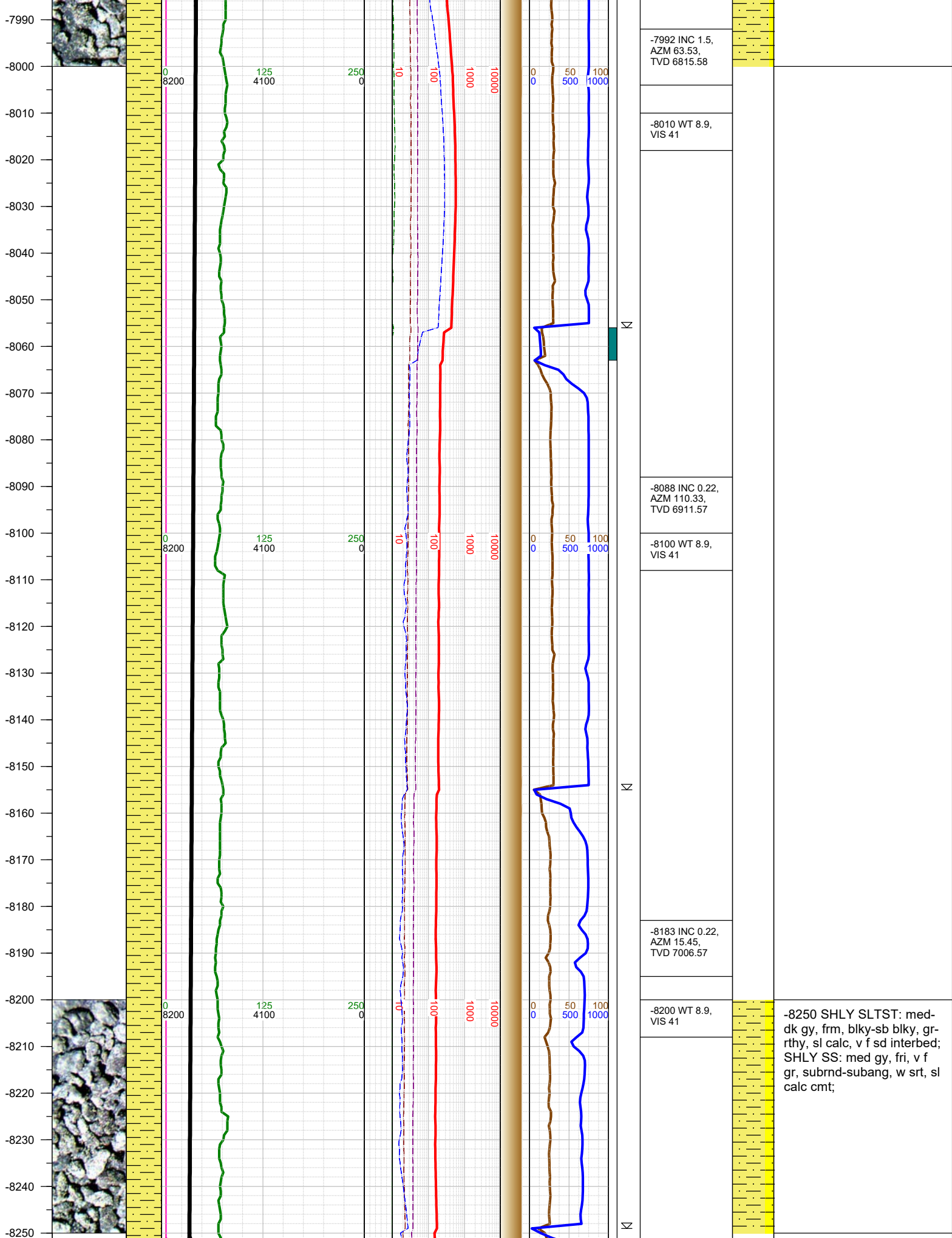


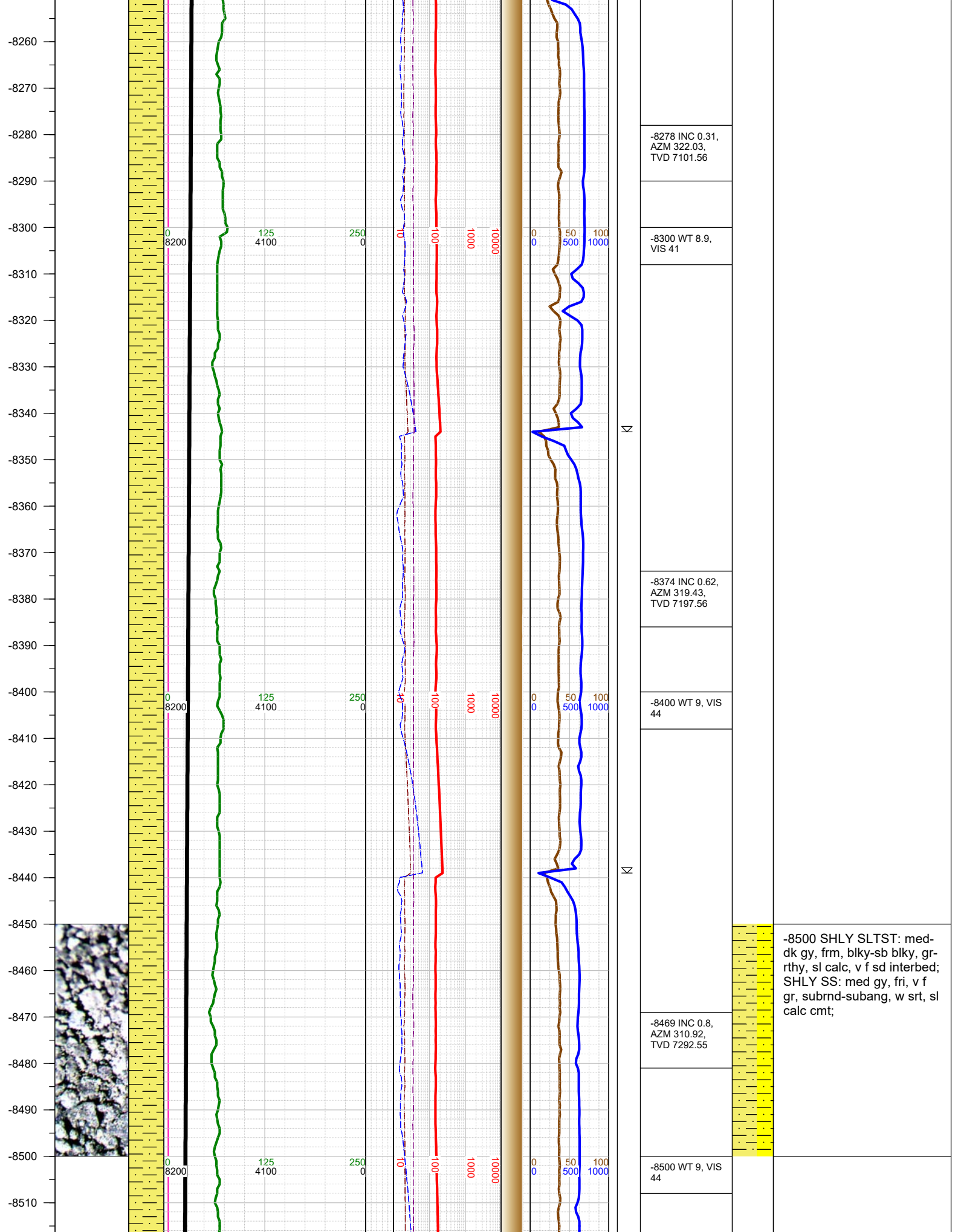


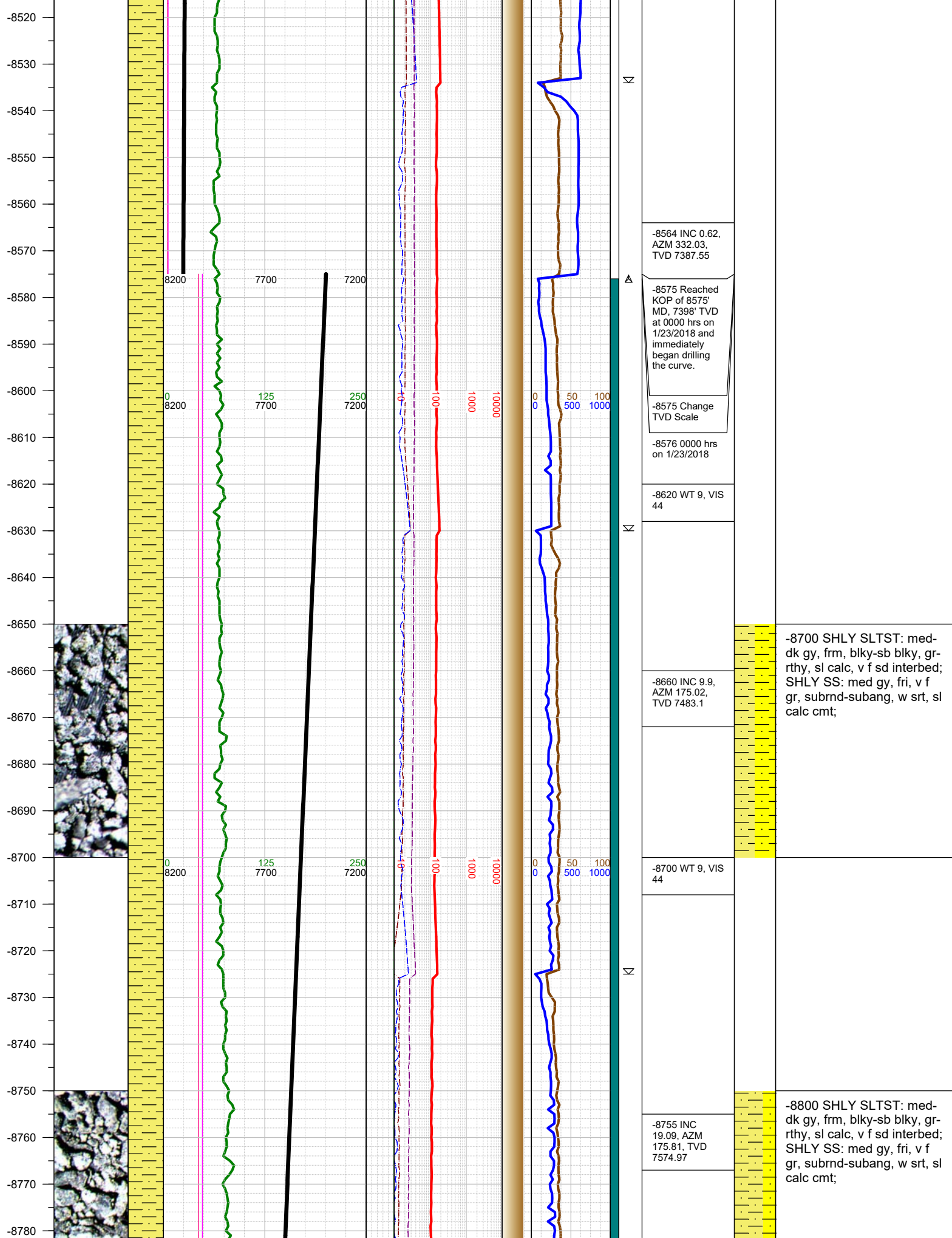


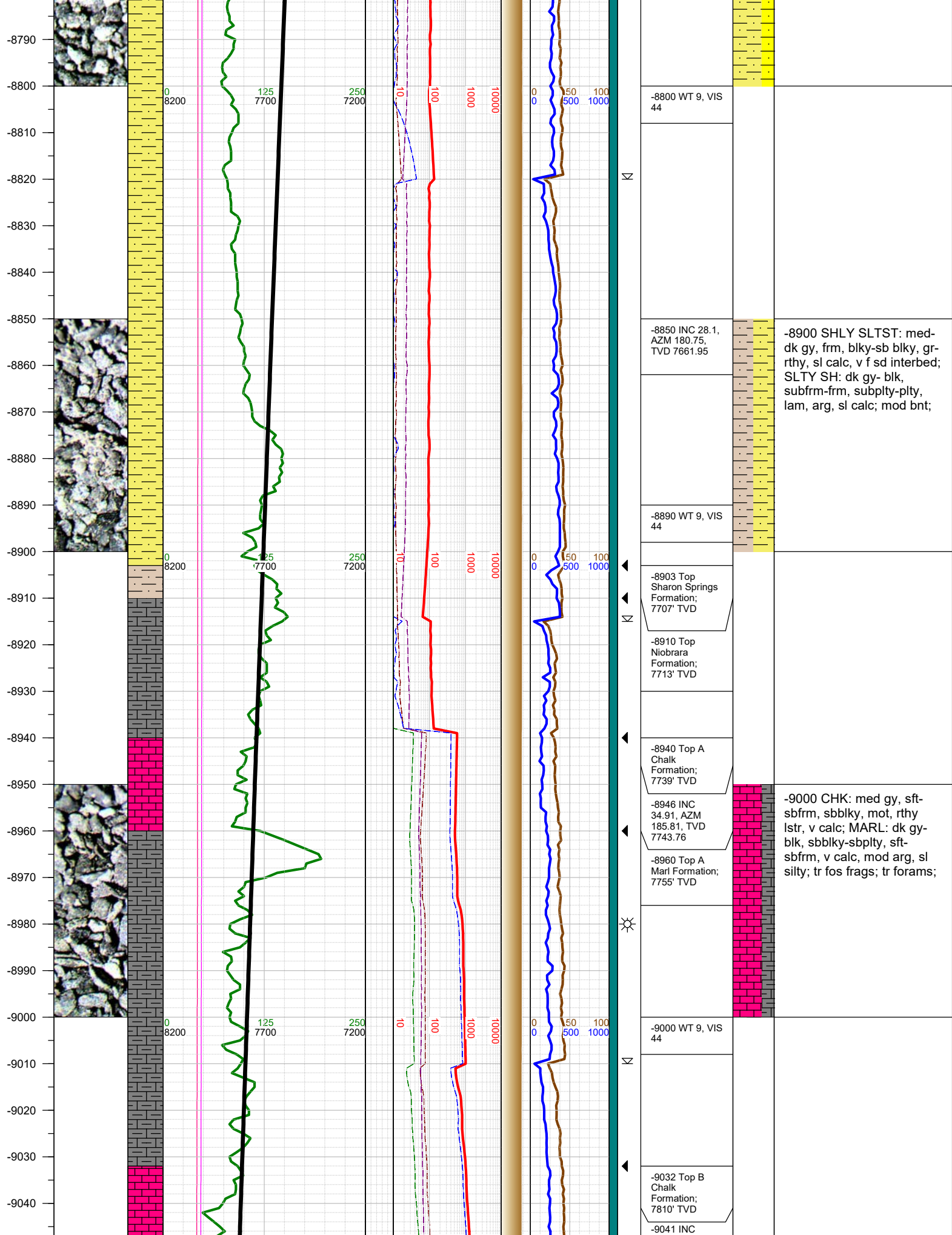


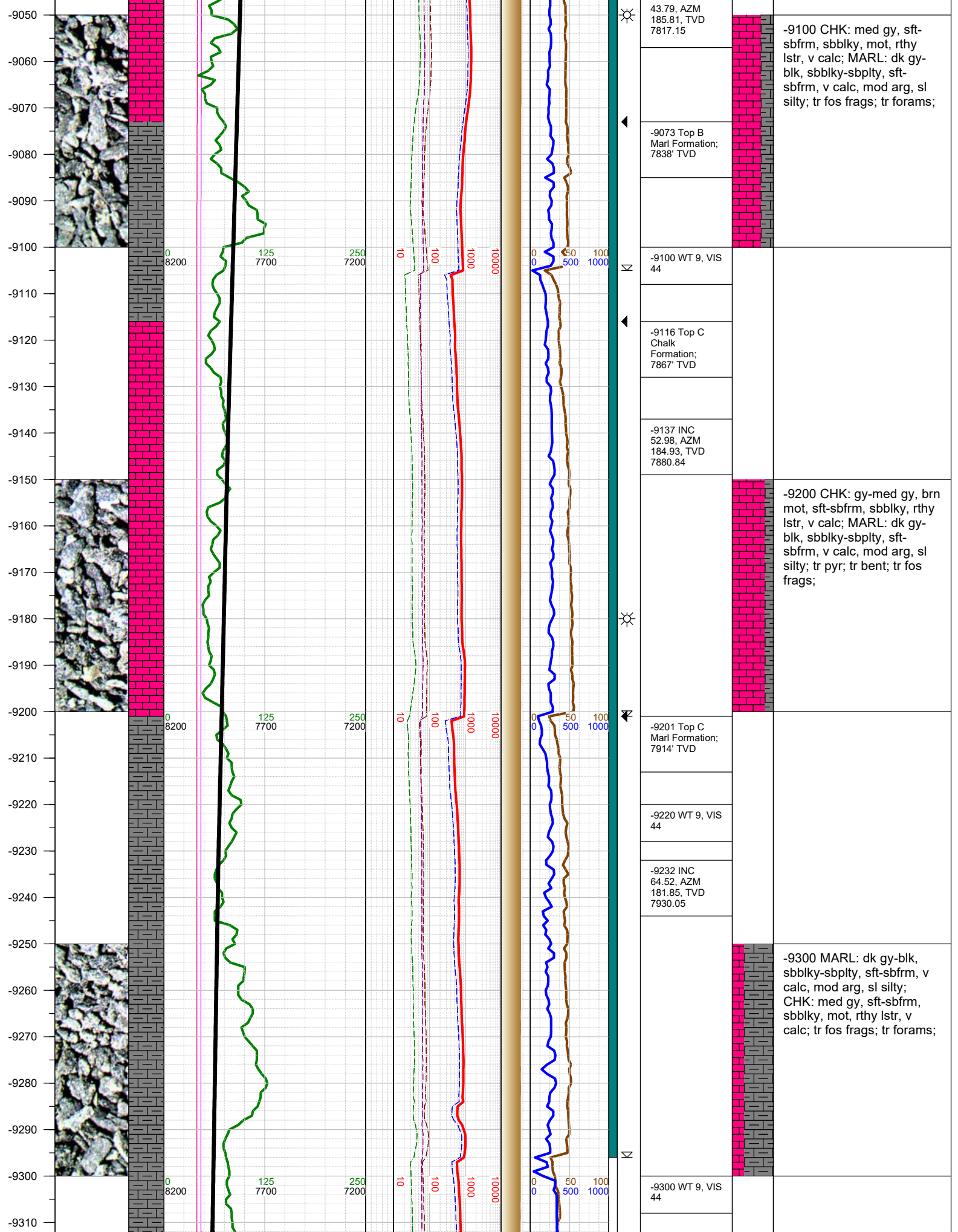


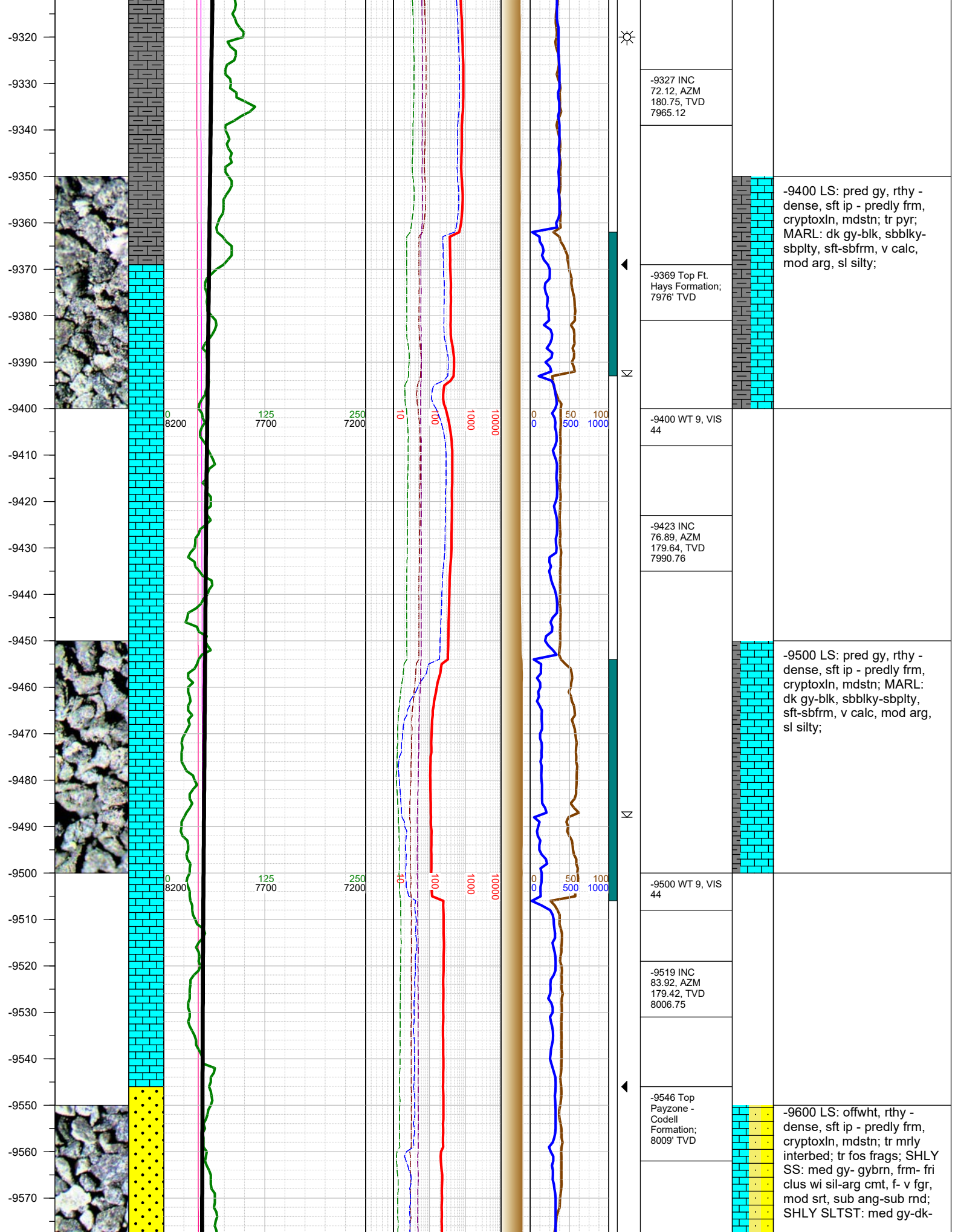


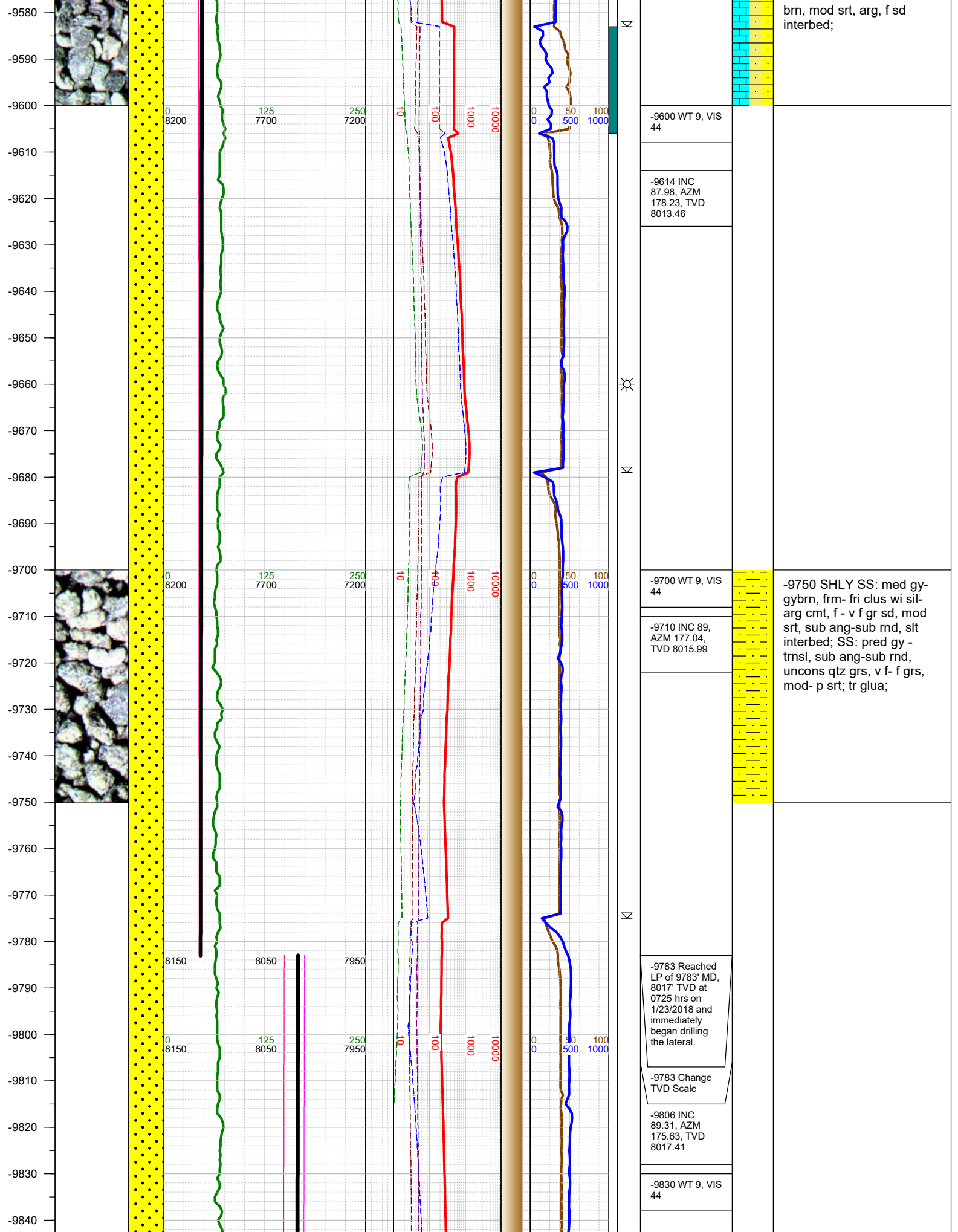


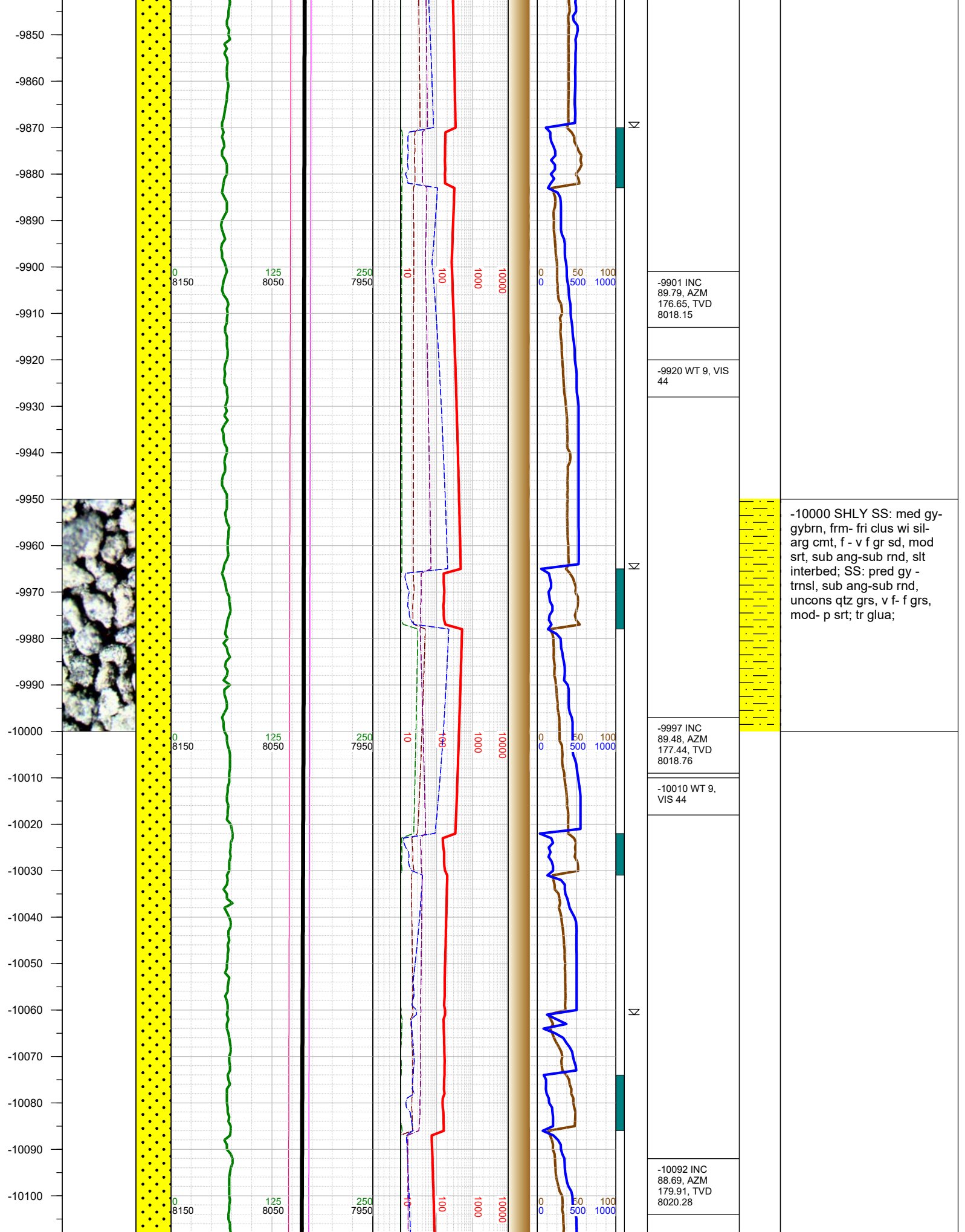


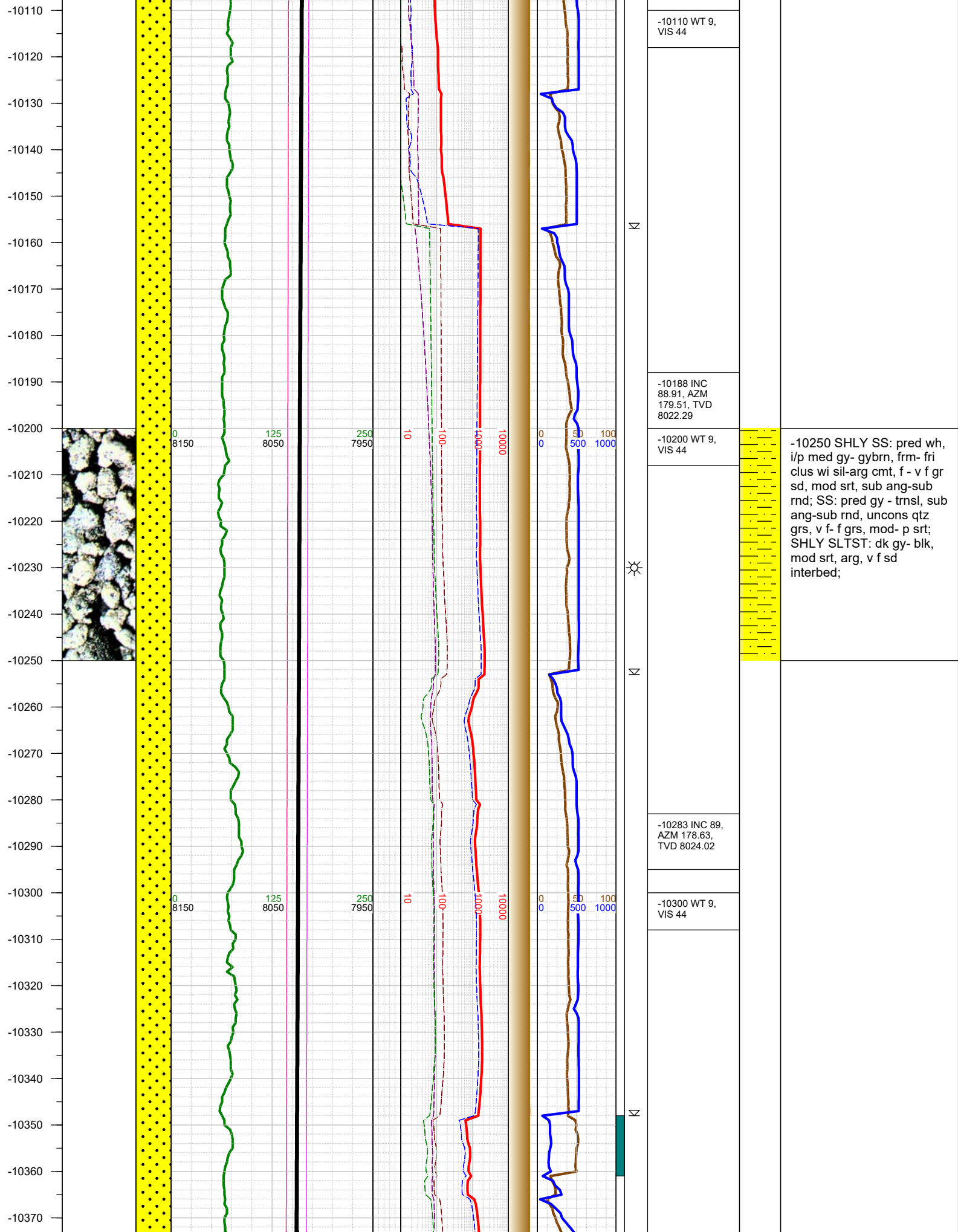


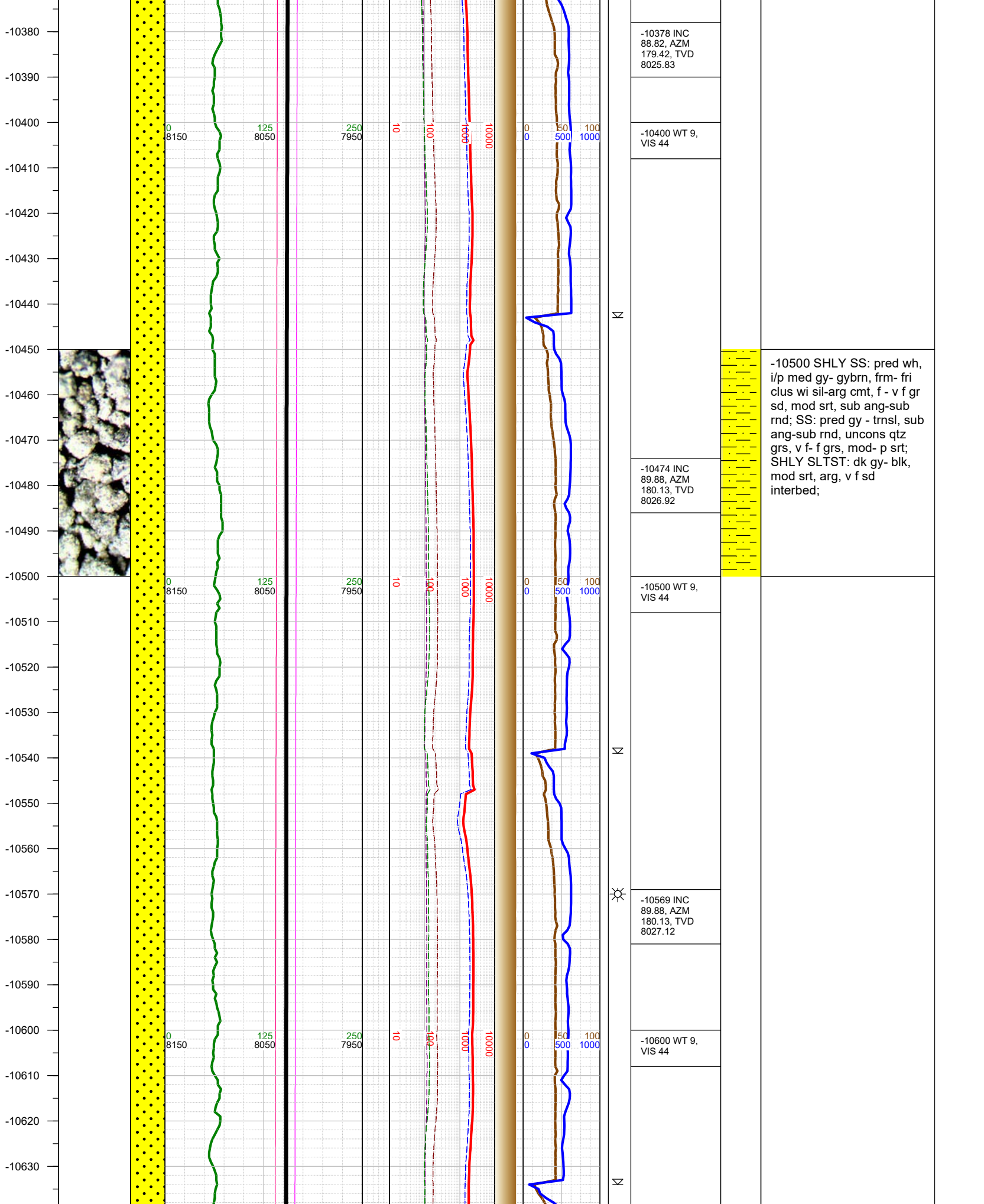


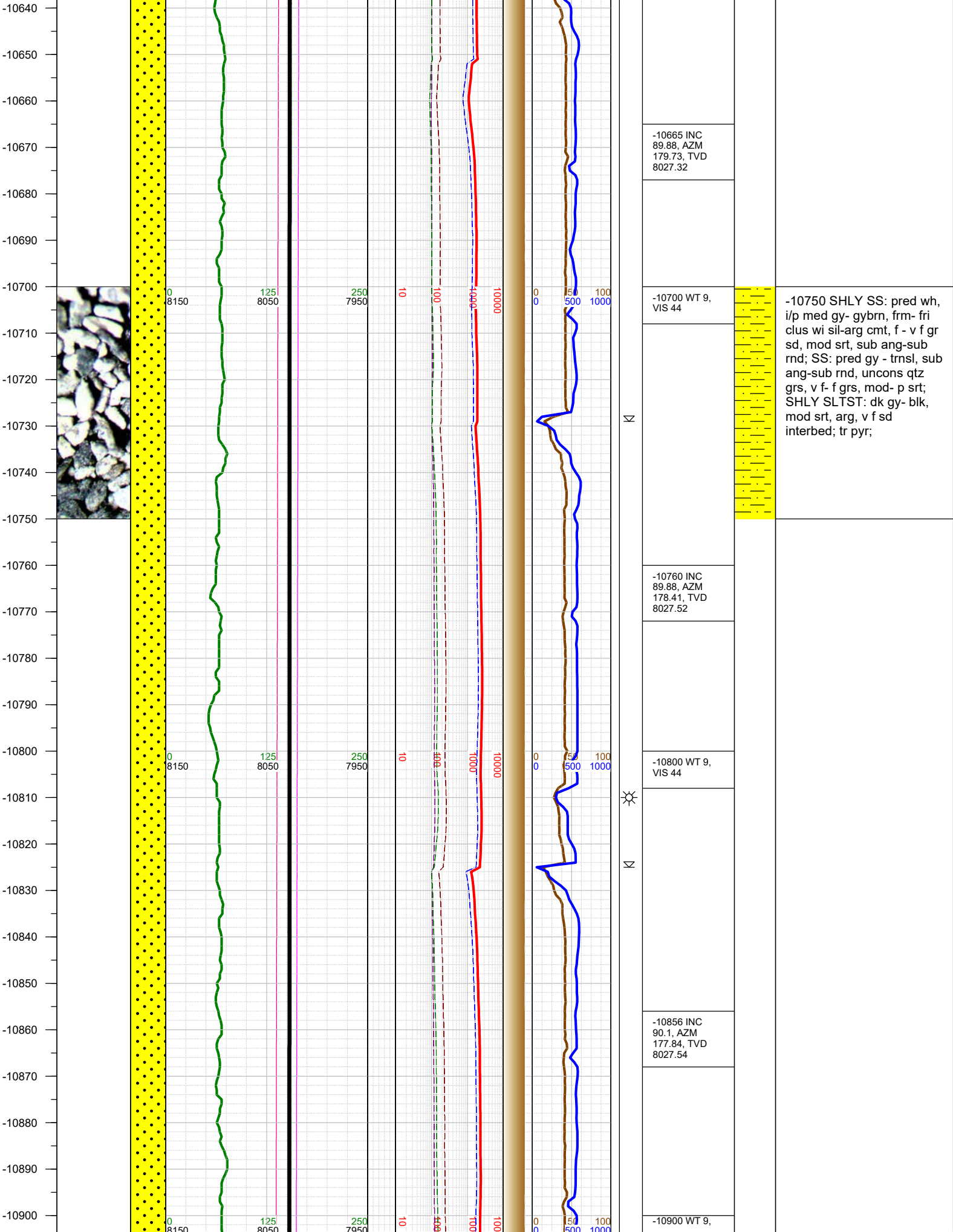


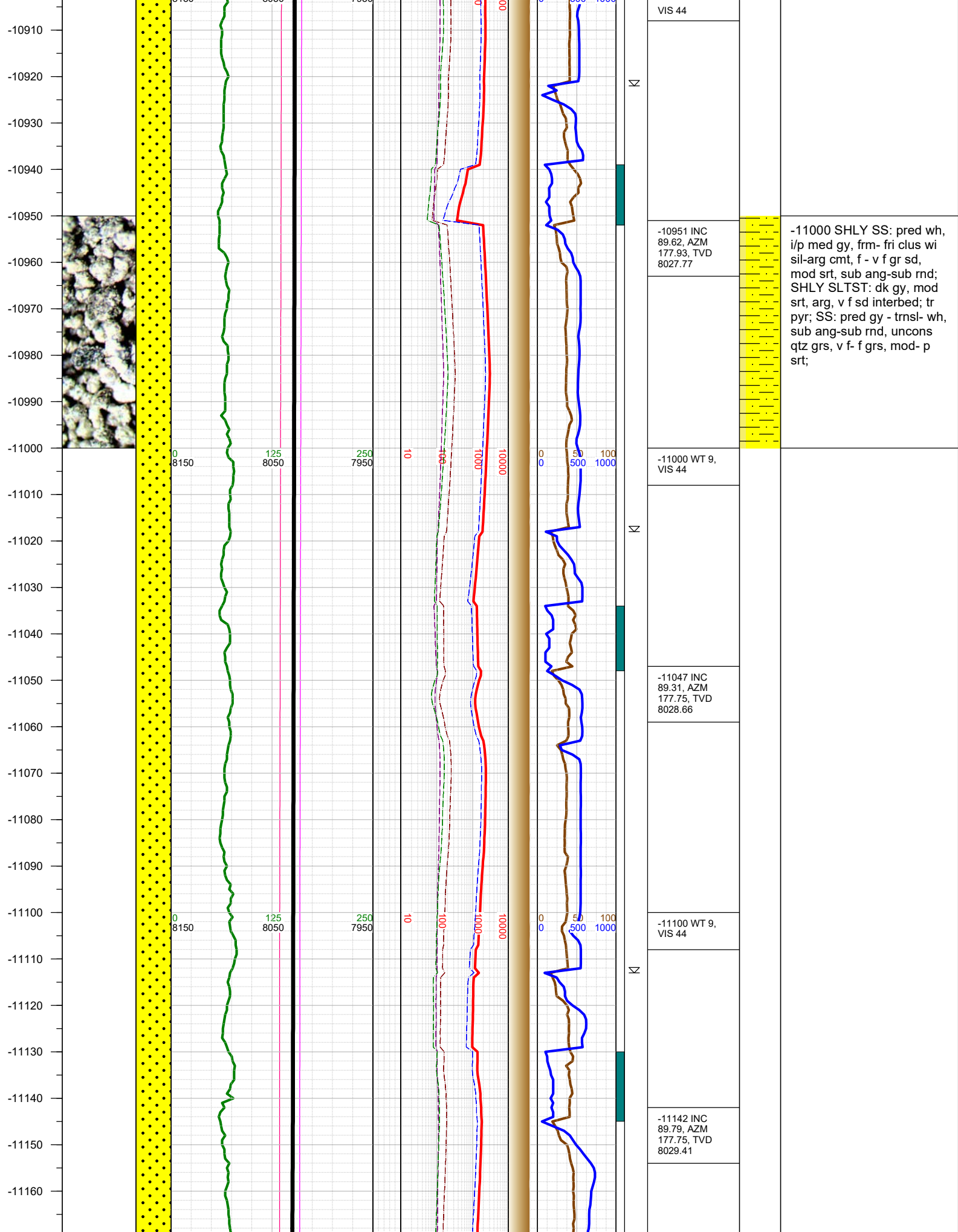


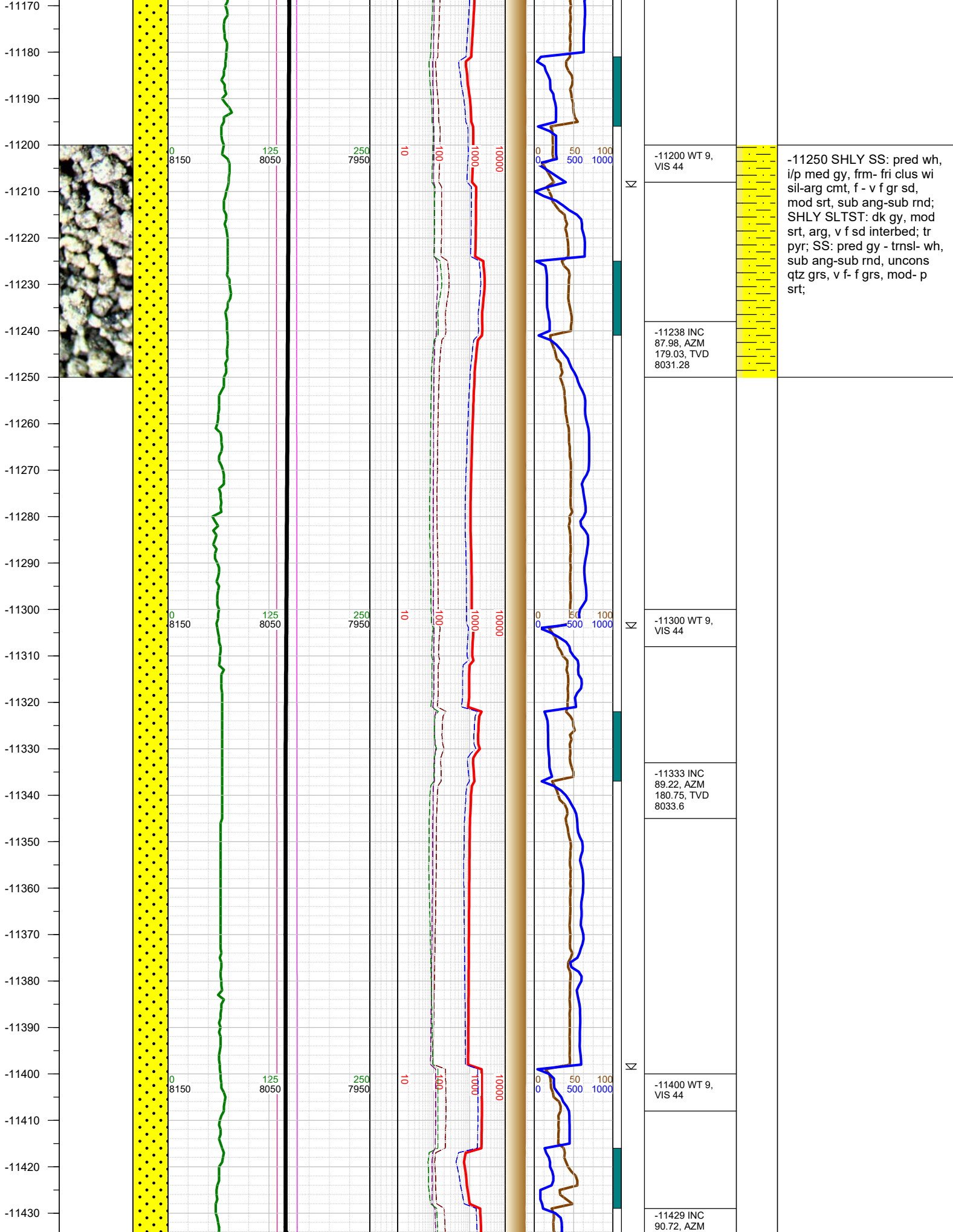












-11200 WT 9,
VIS 44

-11238 INC
87.98, AZM
179.03, TVD
8031.28

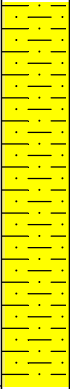
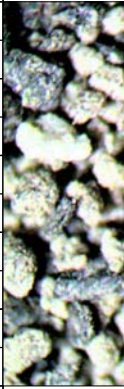
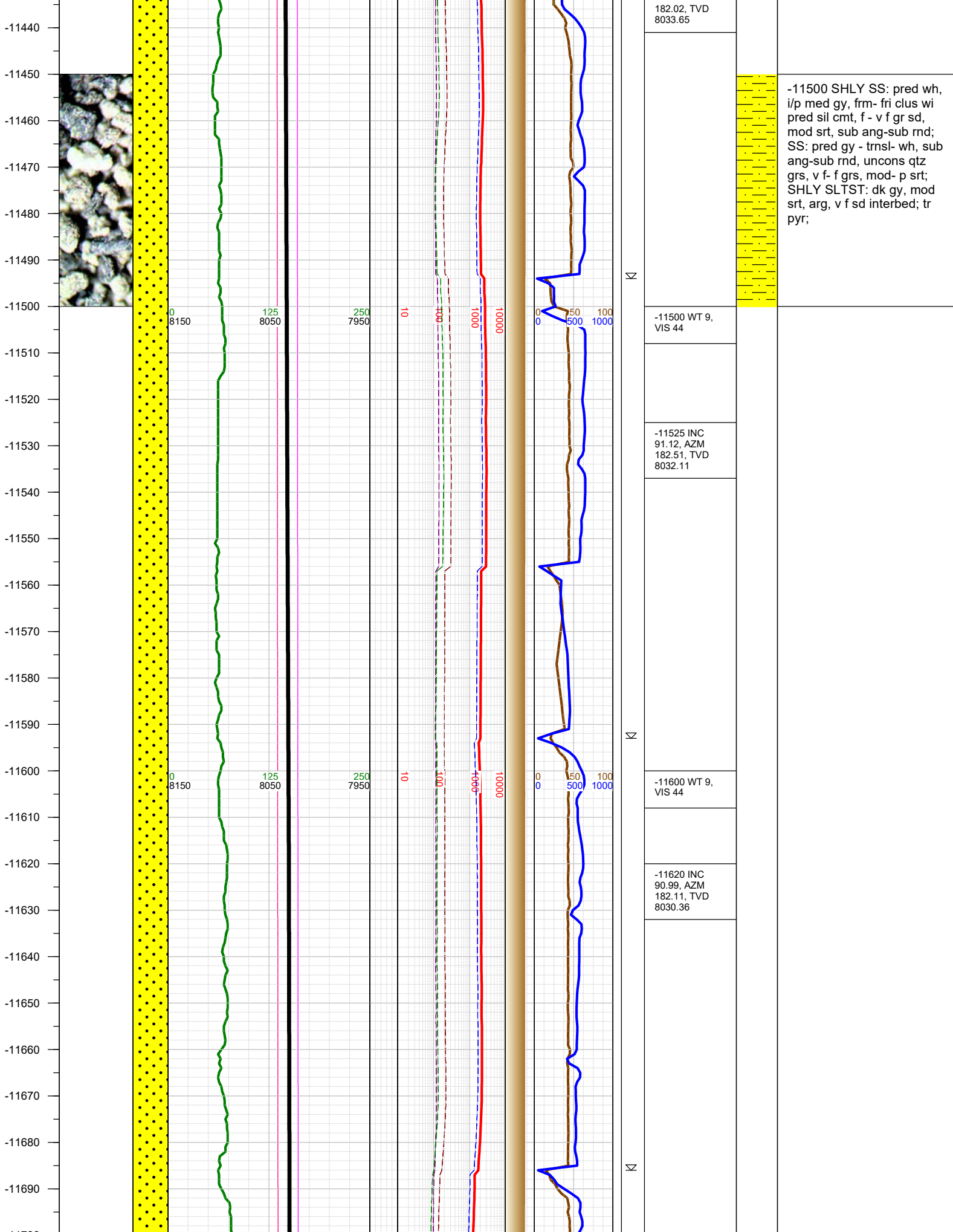
-11300 WT 9,
VIS 44

-11333 INC
89.22, AZM
180.75, TVD
8033.6

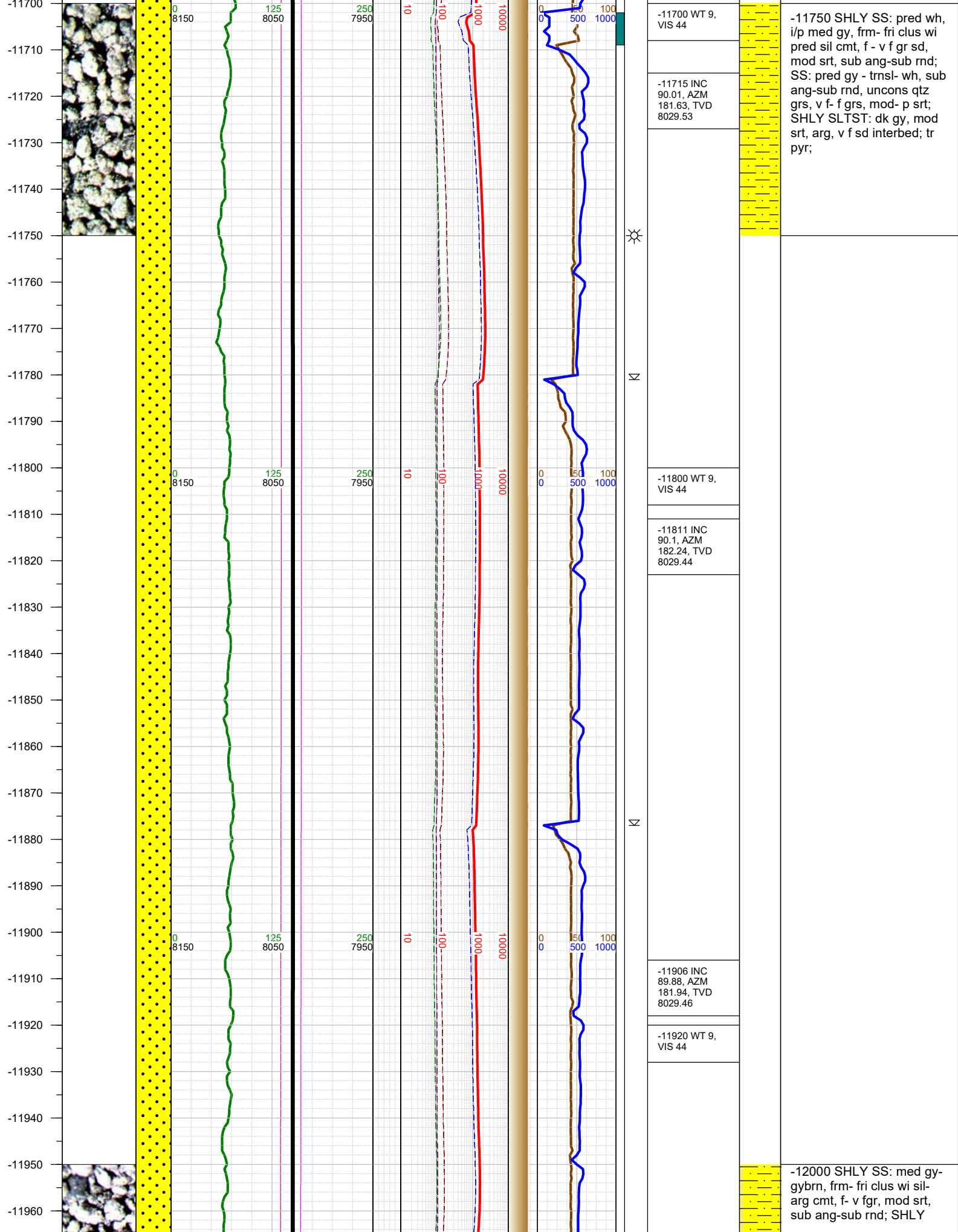
-11400 WT 9,
VIS 44

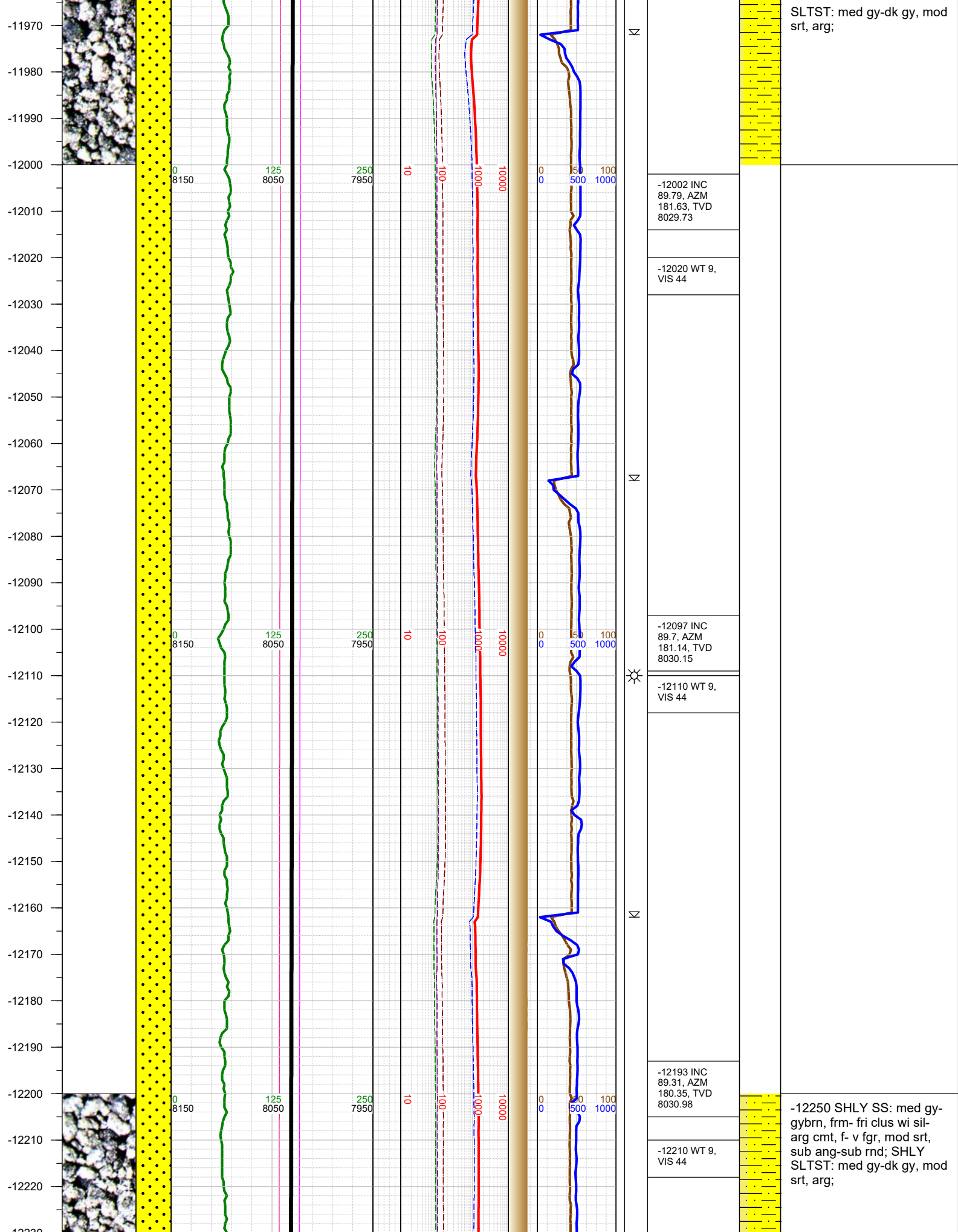
-11429 INC
90.72, AZM

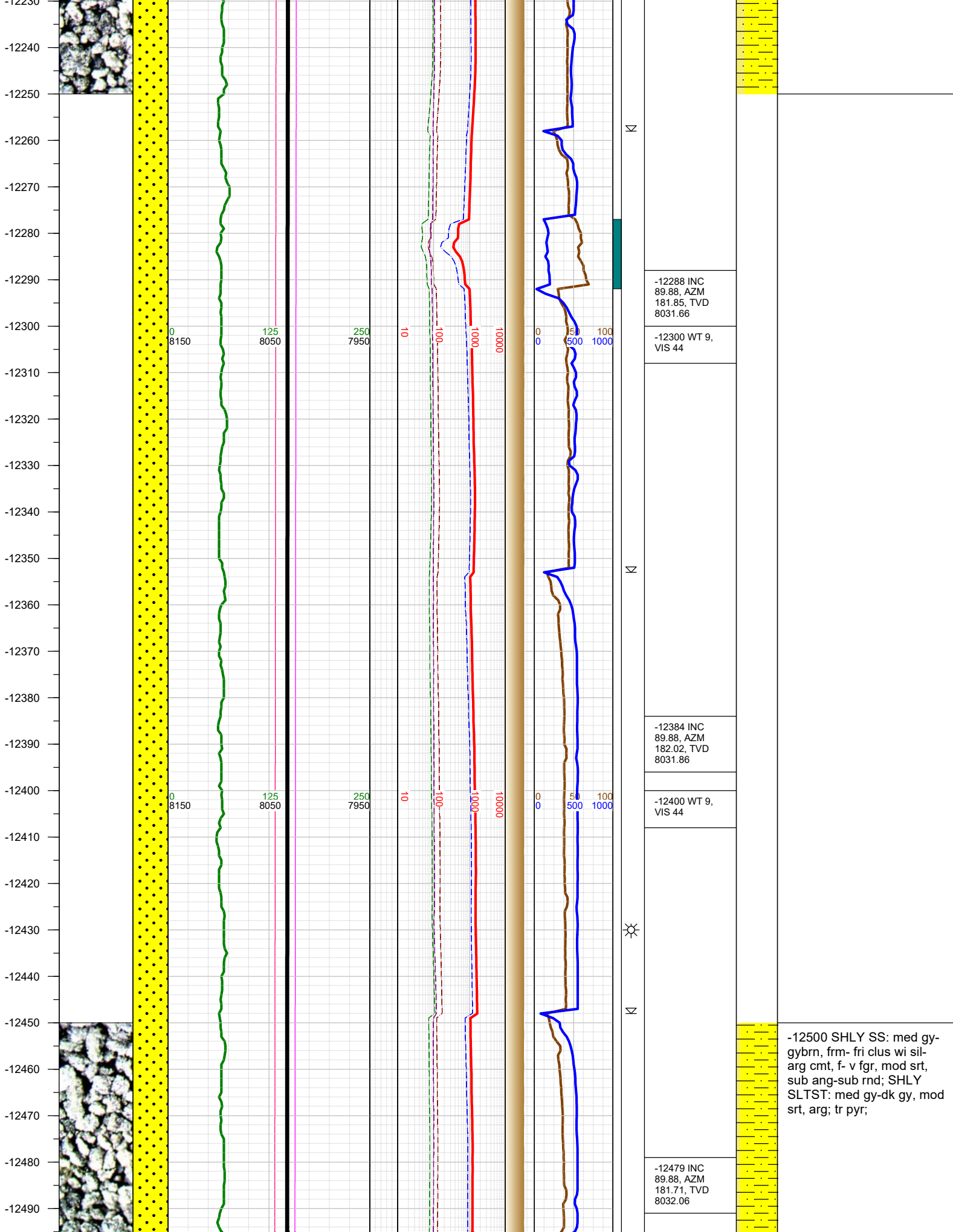
-11250 SHLY SS: pred wh,
i/p med gy, frm- fri clus wi
sil-arg cmt, f - v f gr sd,
mod srt, sub ang-sub rnd;
SHLY SLTST: dk gy, mod
srt, arg, v f sd interbed; tr
pyr; SS: pred gy - trnsi- wh,
sub ang-sub rnd, uncons
qtz grs, v f- f grs, mod- p
srt;

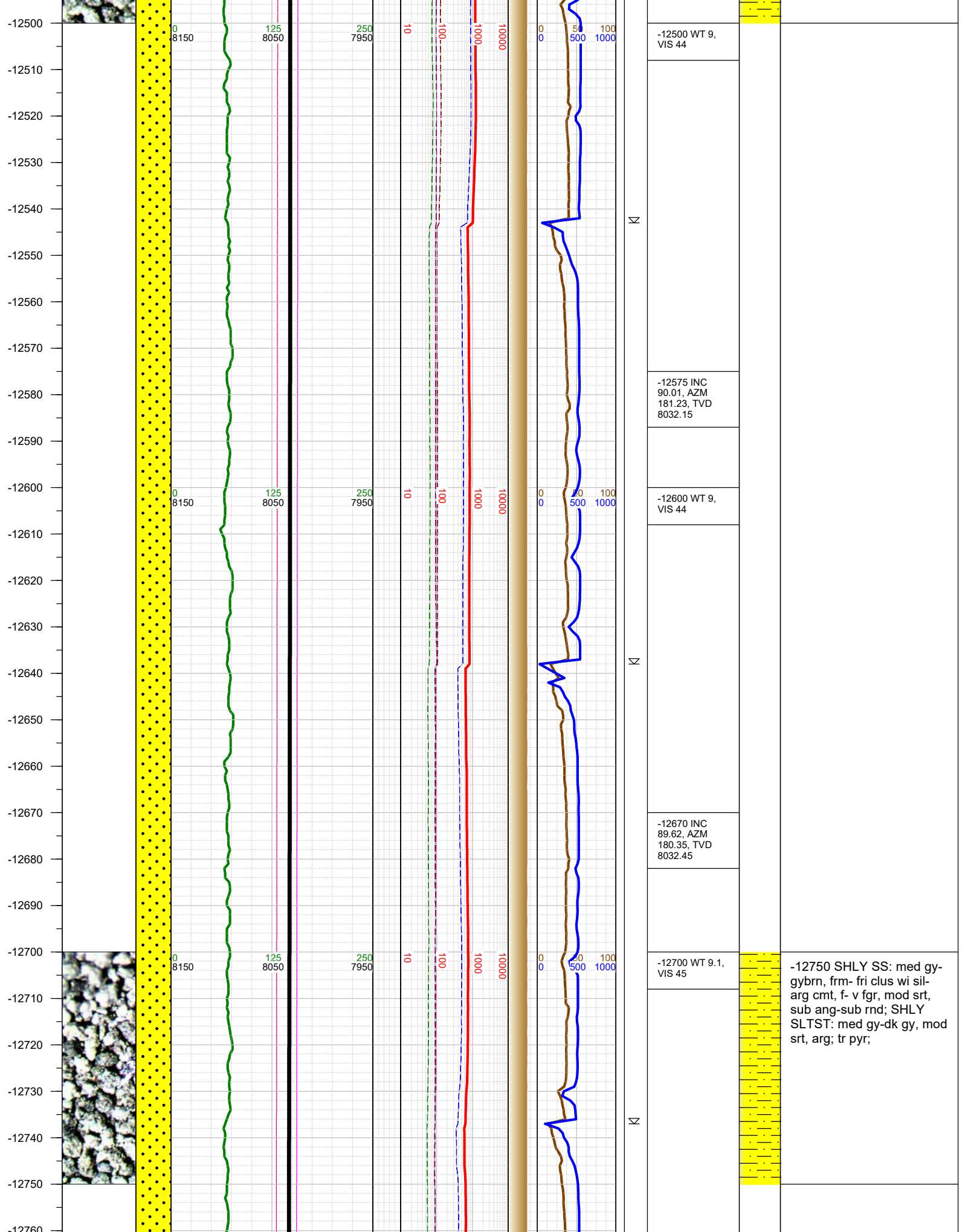


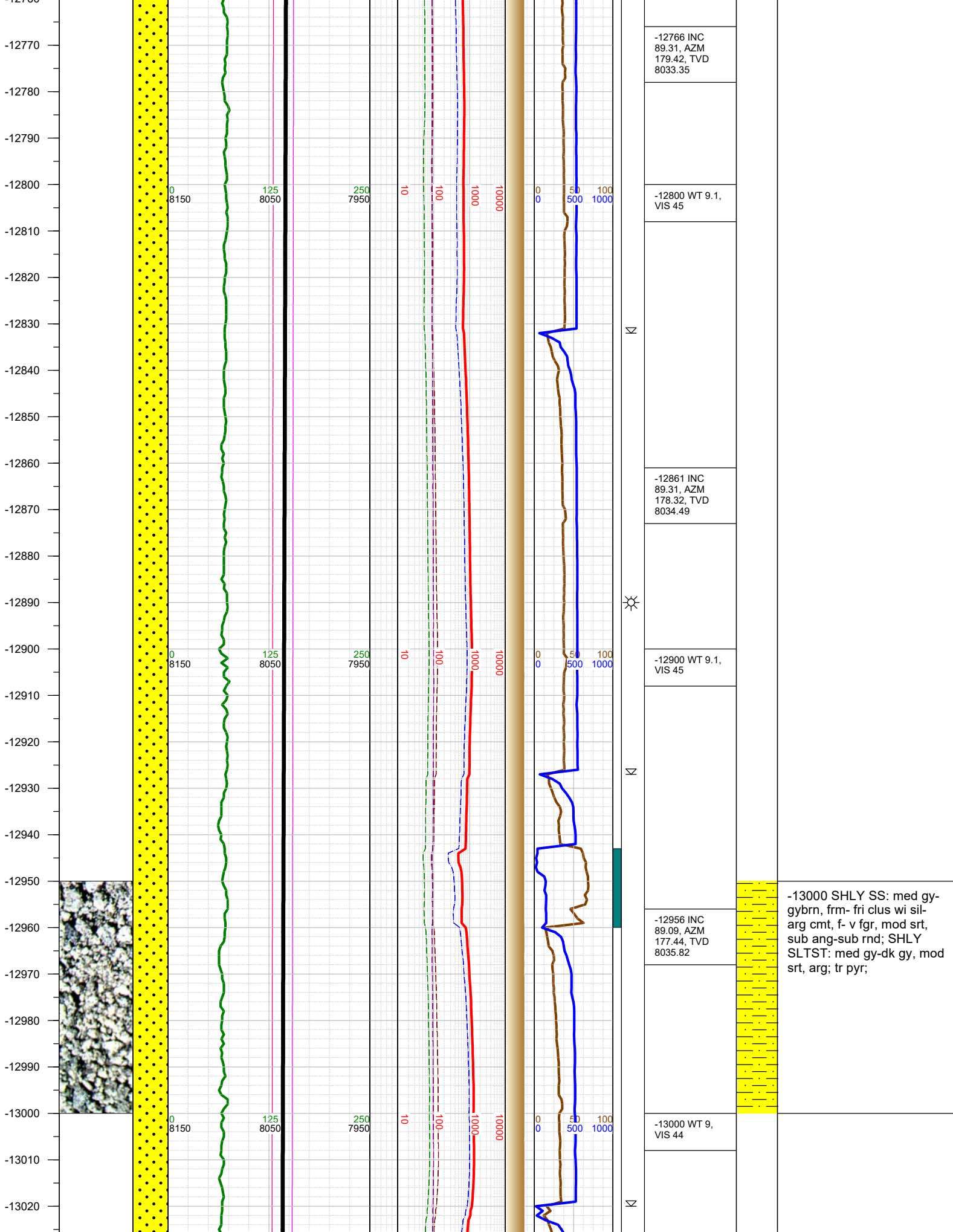
-11500 SHLY SS: pred wh, i/p med gy, frm- fri clus wi pred sil cmt, f - v f gr sd, mod srt, sub ang-sub rnd; SS: pred gy - trnsl- wh, sub ang-sub rnd, uncons qtz grs, v f- f grs, mod- p srt; SHLY SLTST: dk gy, mod srt, arg, v f sd interbed; tr pyr;



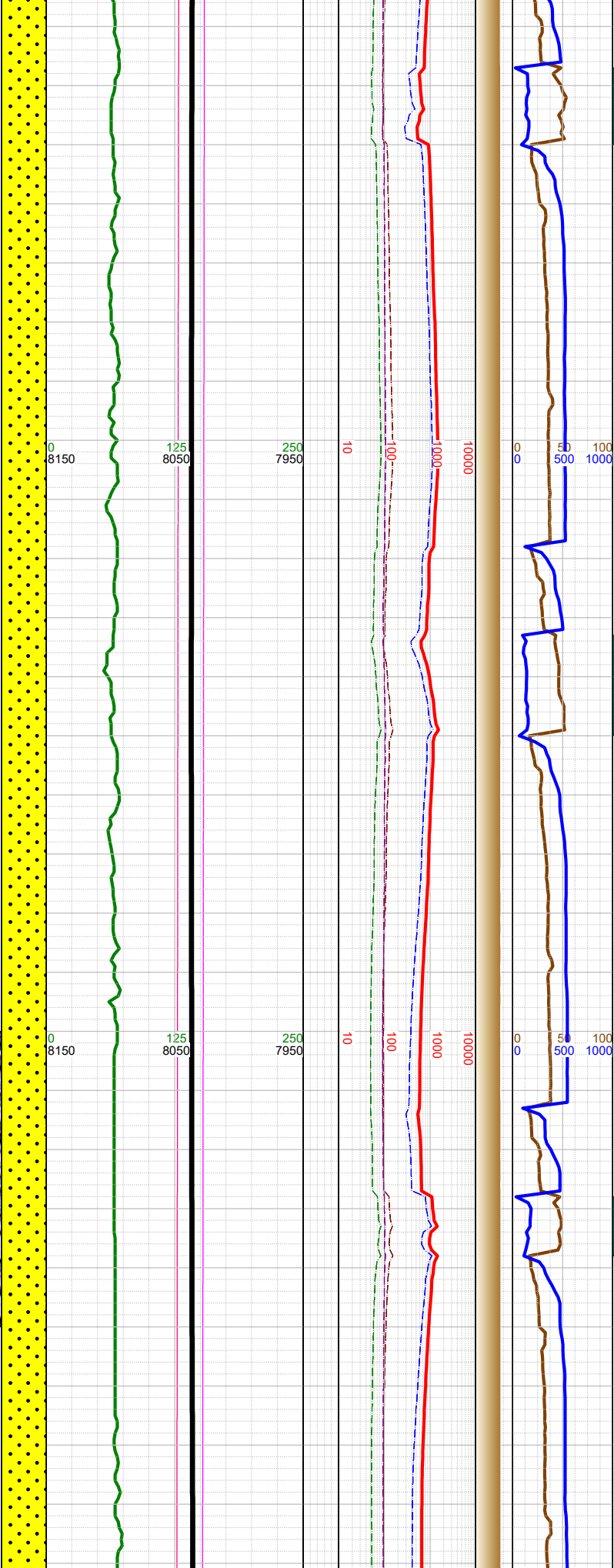
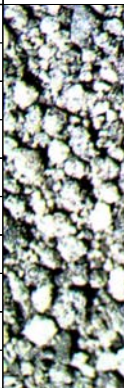






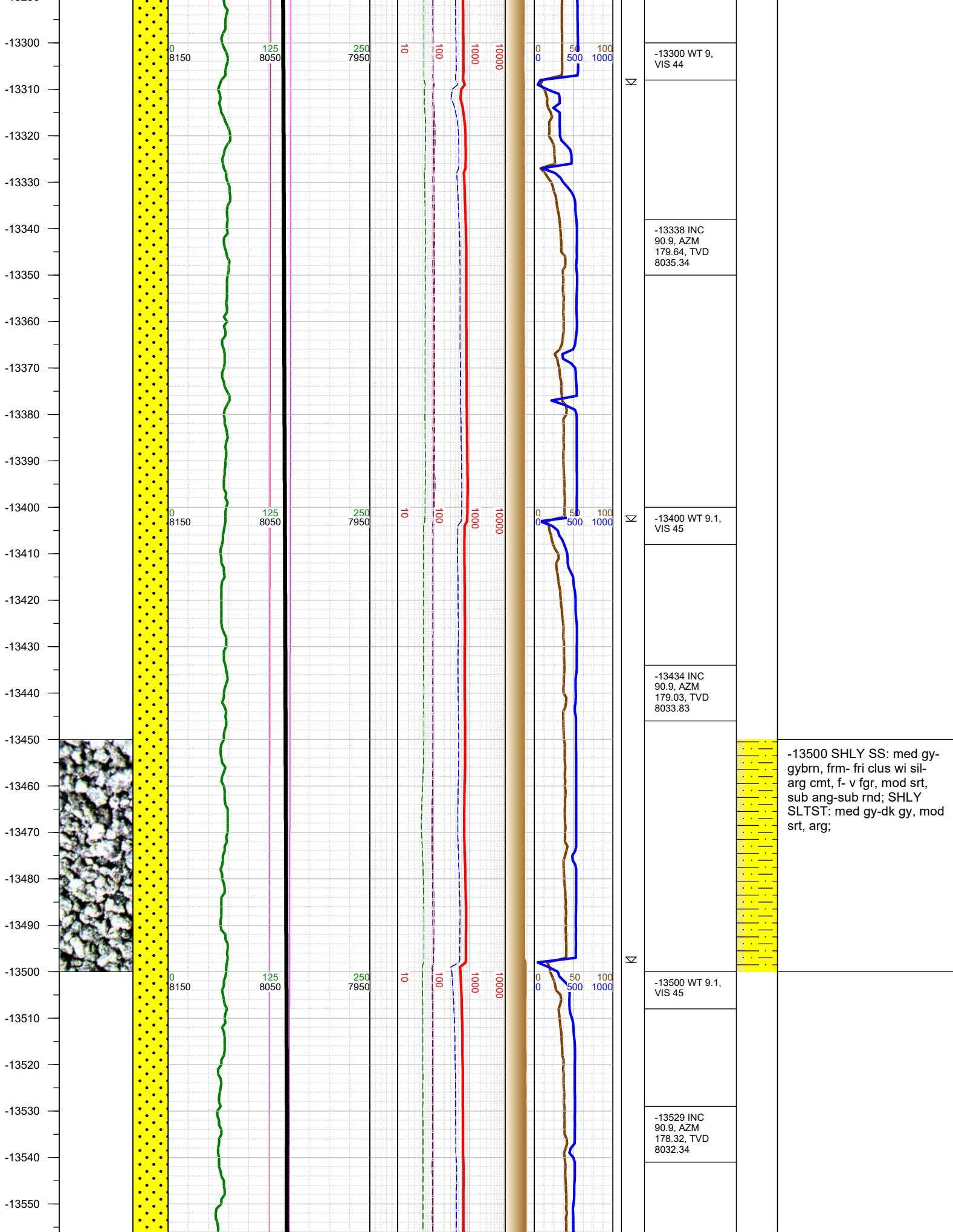


-13030
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| | | | -13052 INC 89.7, AZM 177.93, TVD 8036.83 |
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| | | | -13100 WT 9, VIS 44 |
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| | | | -13147 INC 89.88, AZM 180.13, TVD 8037.18 |
| | | | |
| | | | -13200 WT 9, VIS 44 |
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| | | | -13243 INC 90.72, AZM 180.52, TVD 8036.68 |
| | | | |

-13250 SHLY SS: med gy-
gybrn, frm- fri clus wi sil-
arg cmt, f- v fgr, mod srt,
sub ang-sub rnd; SS: pred
gy - trnsl, sub ang-sub rnd,
uncons qtz grs, v f- f grs,
mod- p srt; tr pyr; SHLY
SLTST: med gy-dk gy, mod
srt, arg;



-13300 WT 9,
VIS 44

-13338 INC
90.9, AZM
179.64, TVD
8035.34

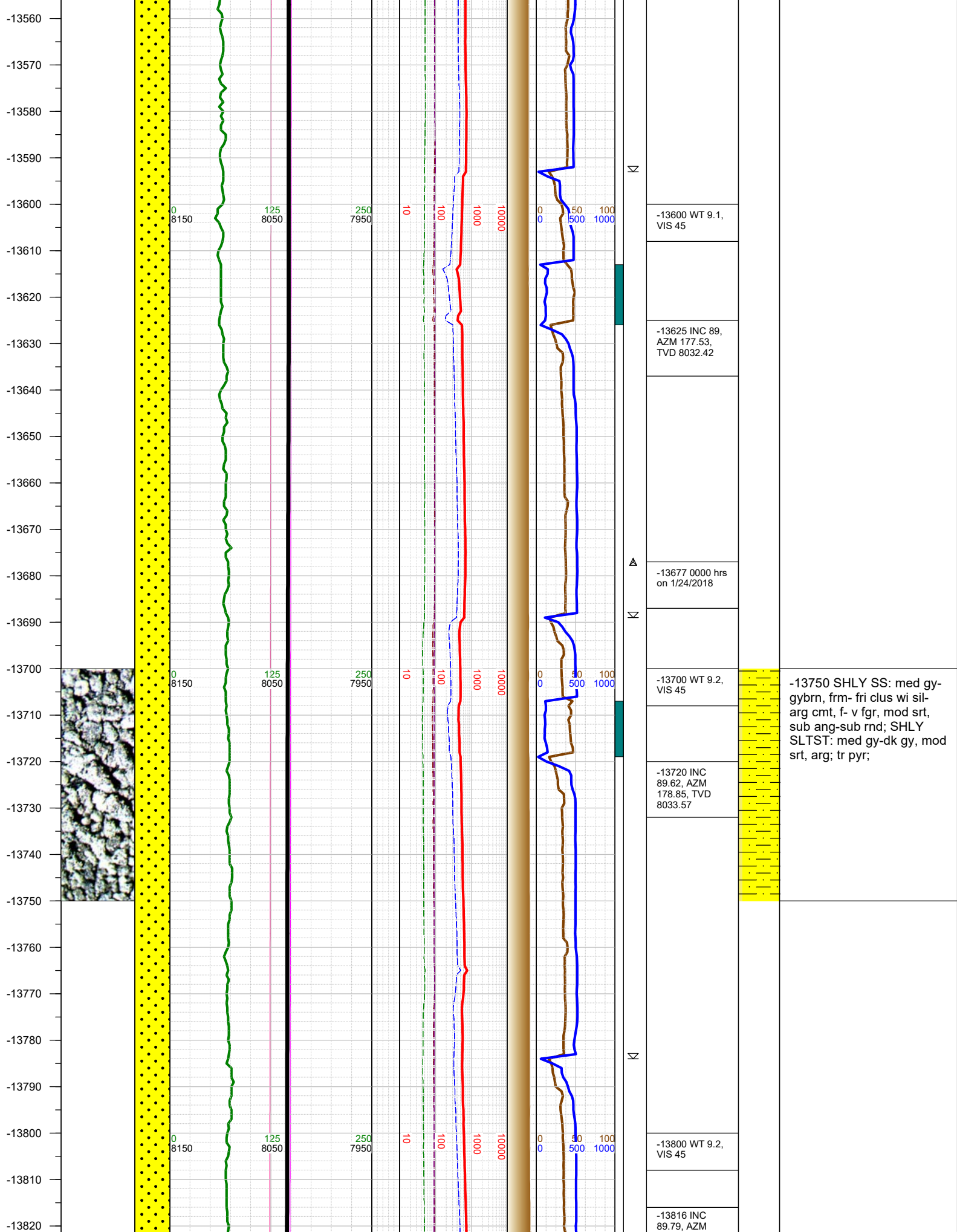
-13400 WT 9.1,
VIS 45

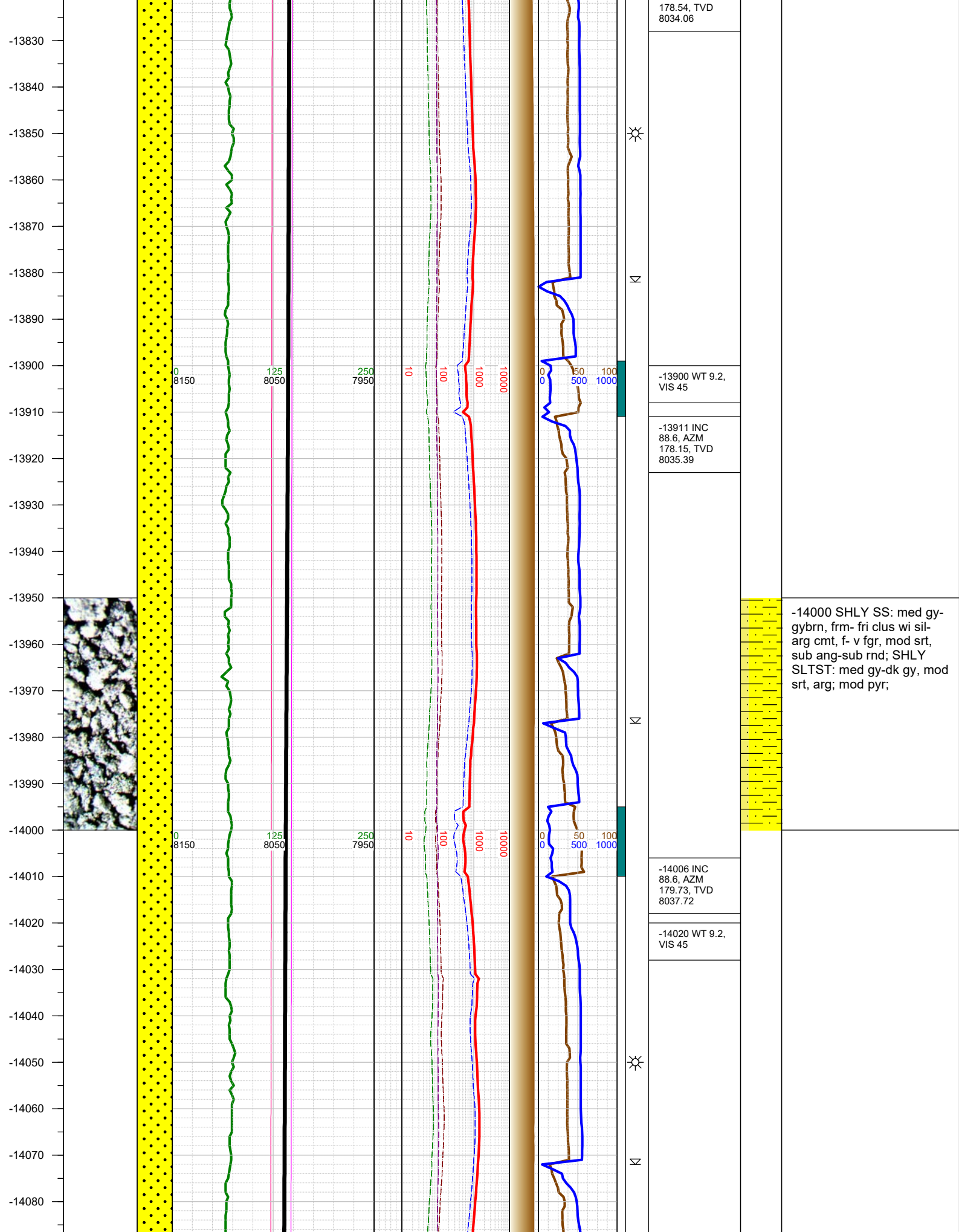
-13434 INC
90.9, AZM
179.03, TVD
8033.83

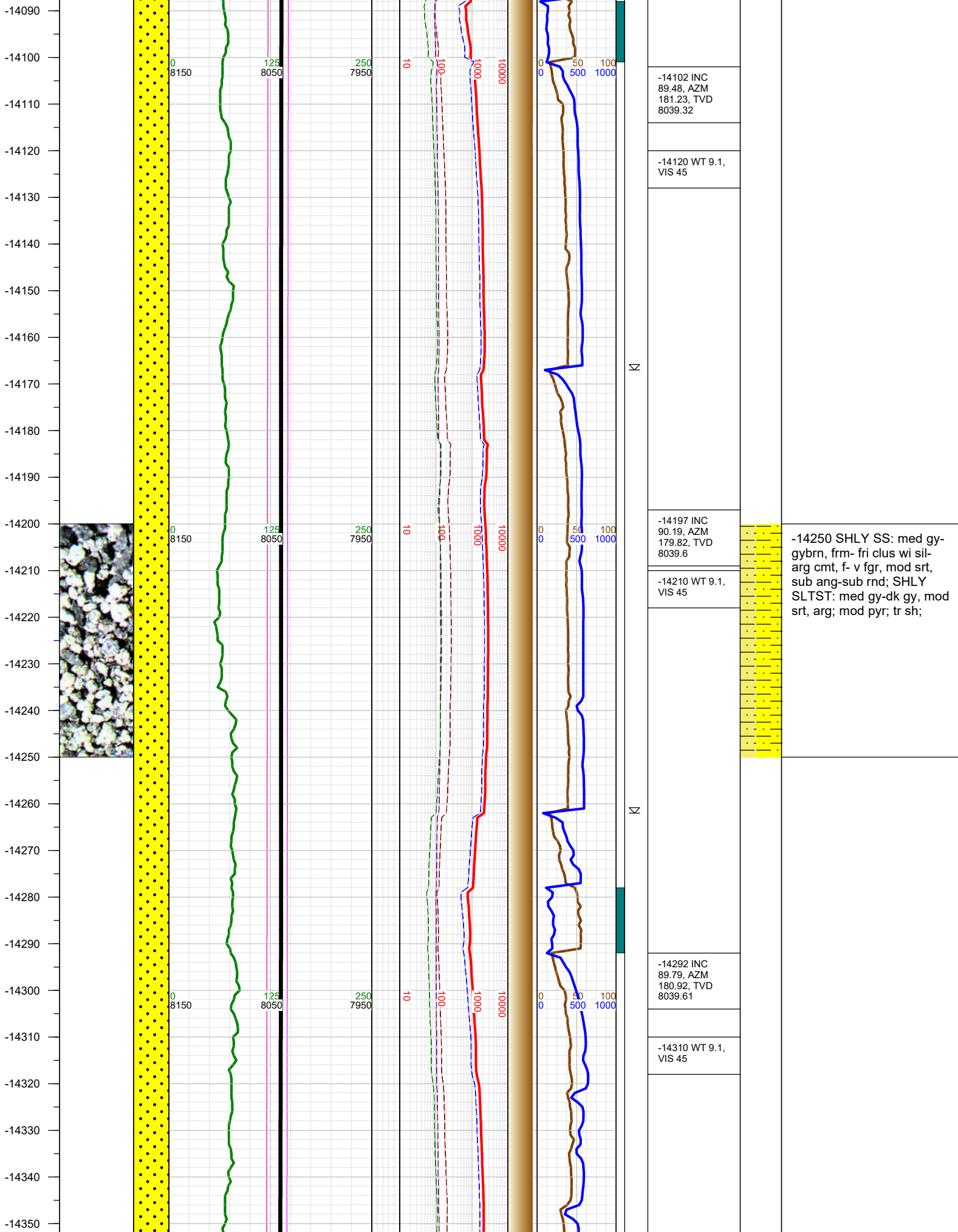
-13500 SHLY SS: med gy-
gybrn, frm- fri clus wi sil-
arg cmt, f- v fgr, mod srt,
sub ang-sub rnd; SHLY
SLTST: med gy-dk gy, mod
srt, arg;

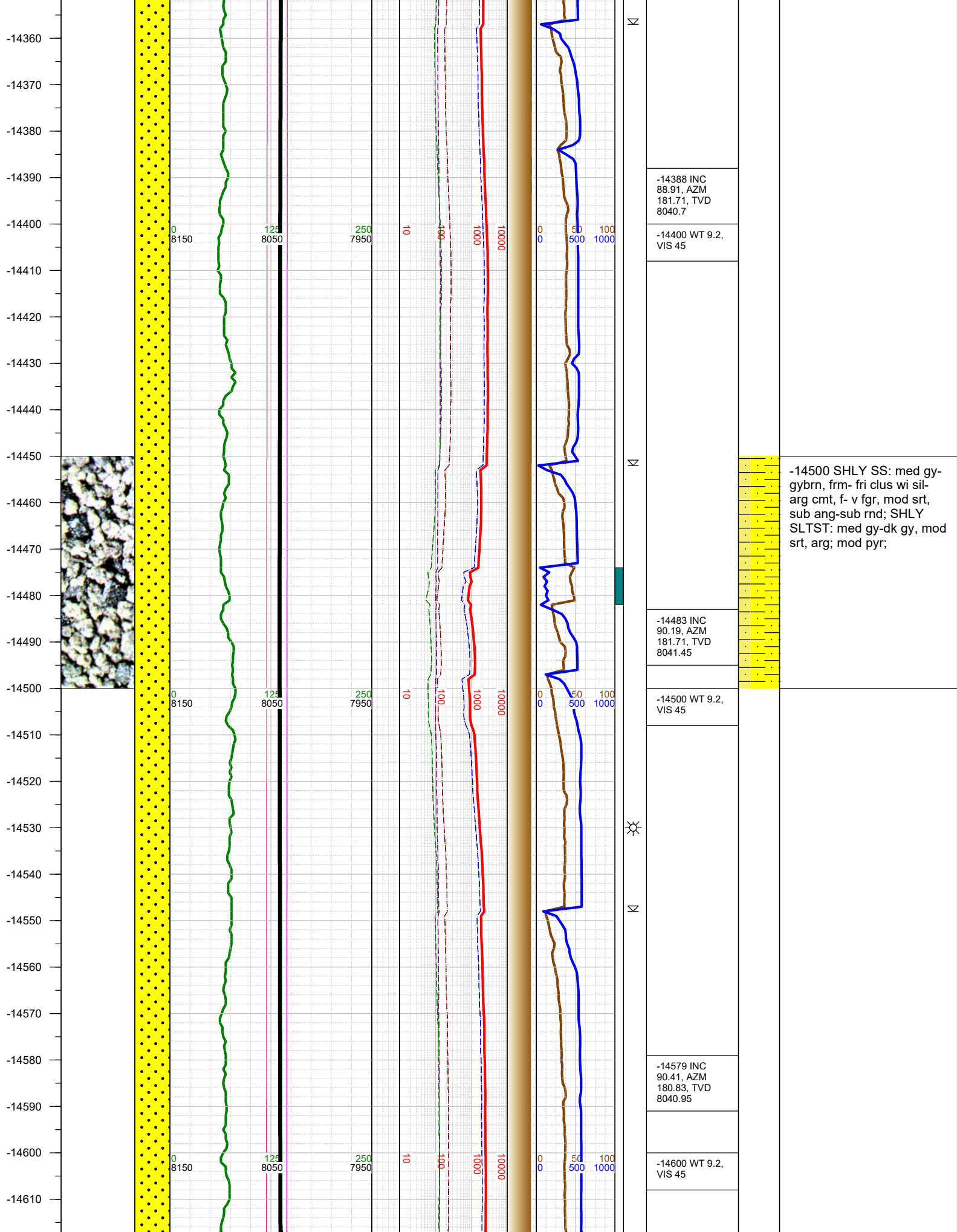
-13500 WT 9.1,
VIS 45

-13529 INC
90.9, AZM
178.32, TVD
8032.34

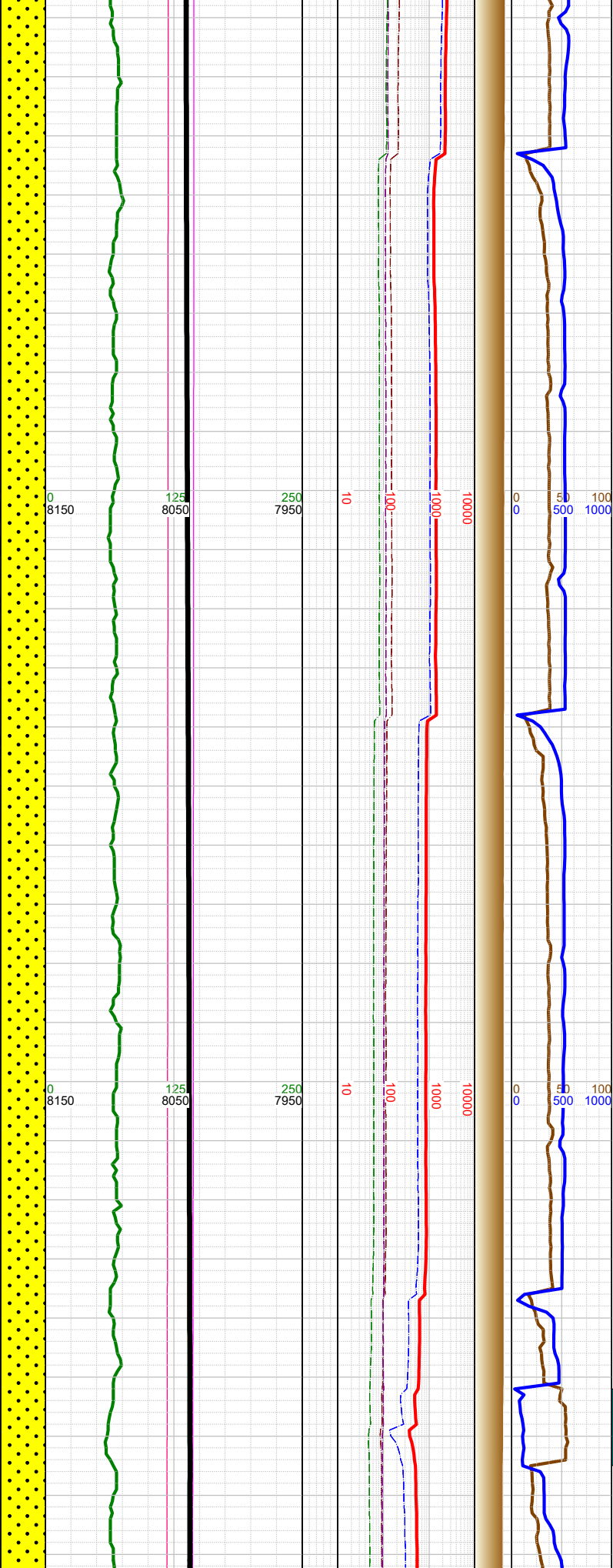








-14620
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-14674 INC
90.72, AZM
181.01, TVD
8040.01

-14700 WT 9.2,
VIS 45

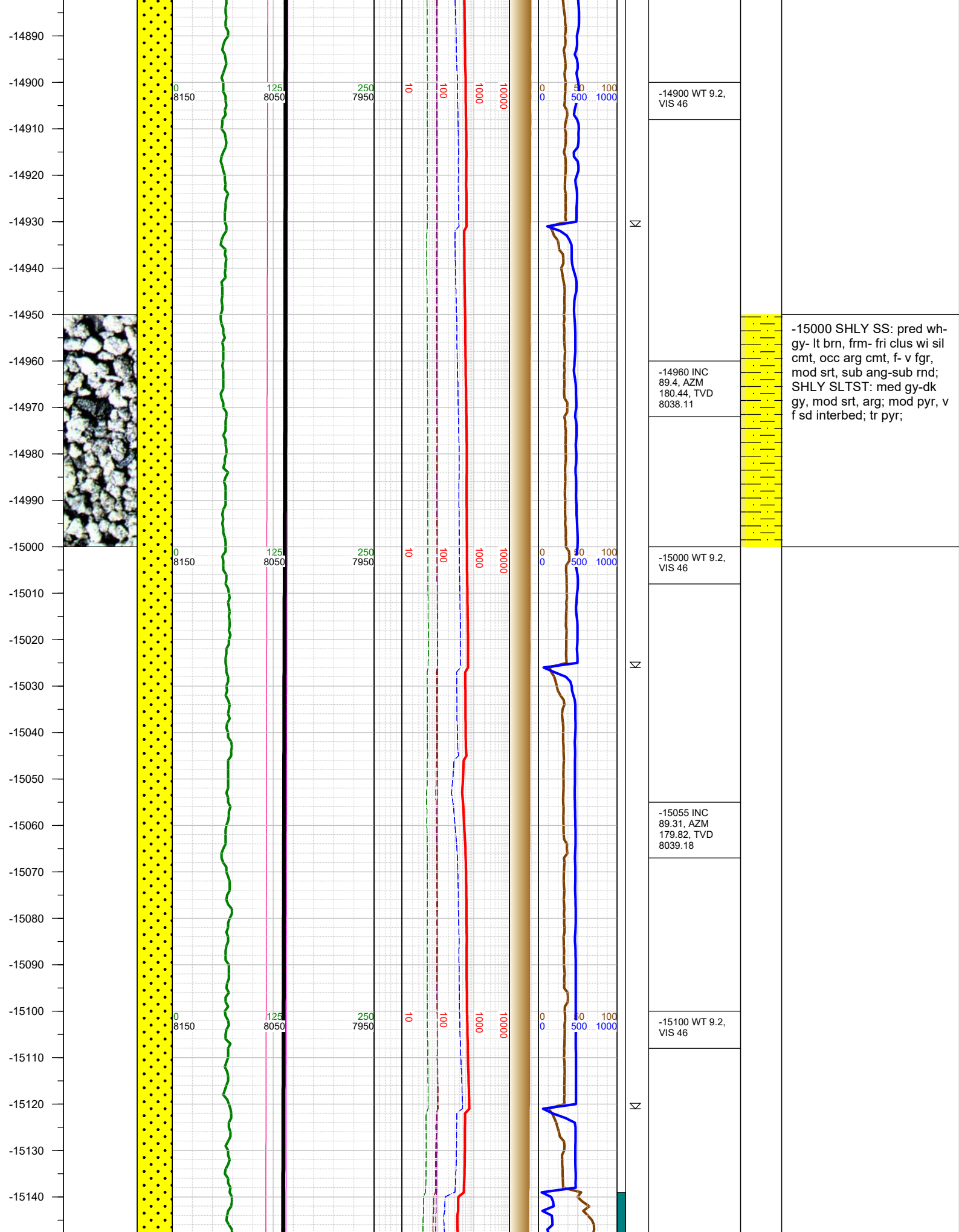
-14769 INC
91.21, AZM
180.35, TVD
8038.41

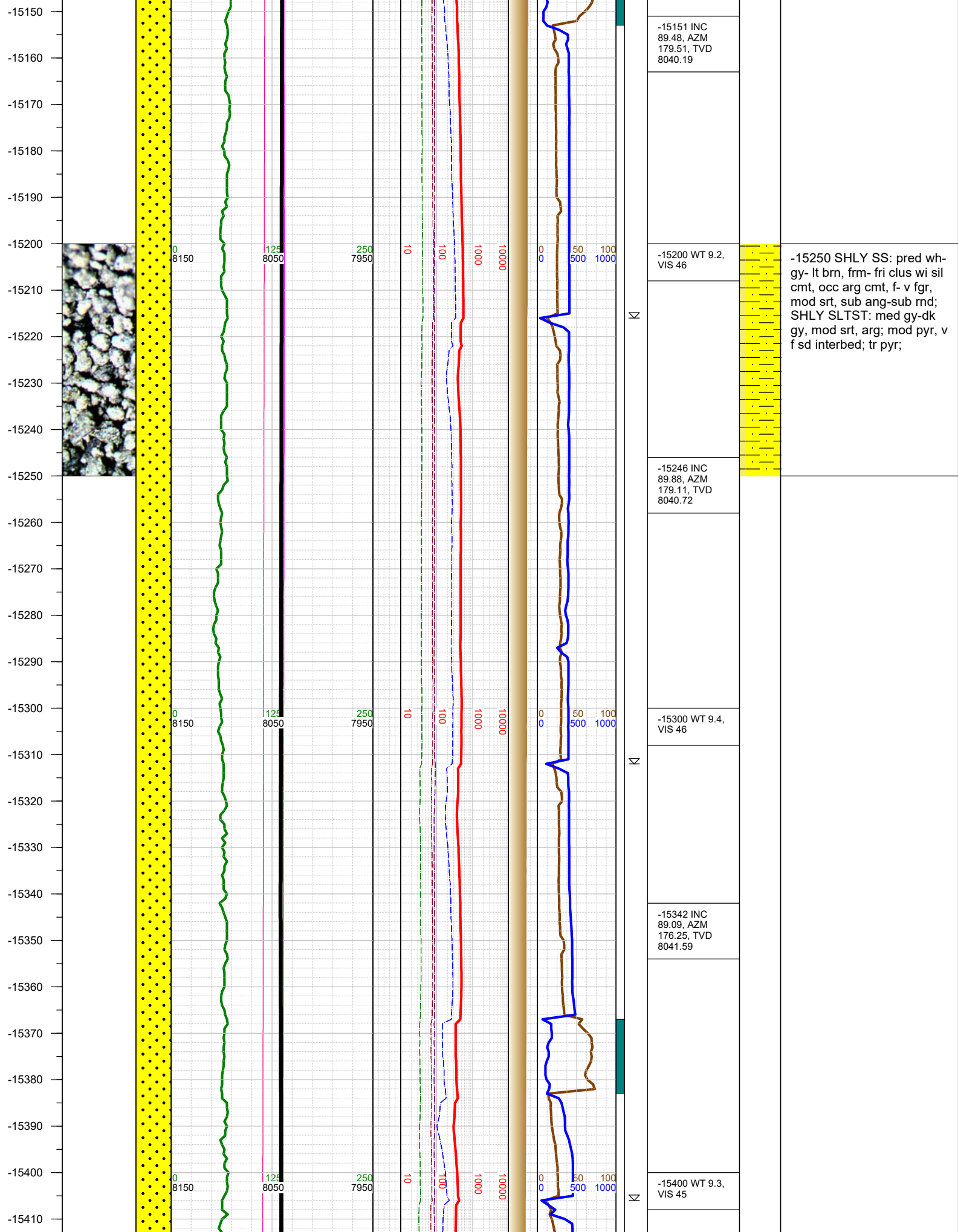
-14800 WT 9.1,
VIS 46

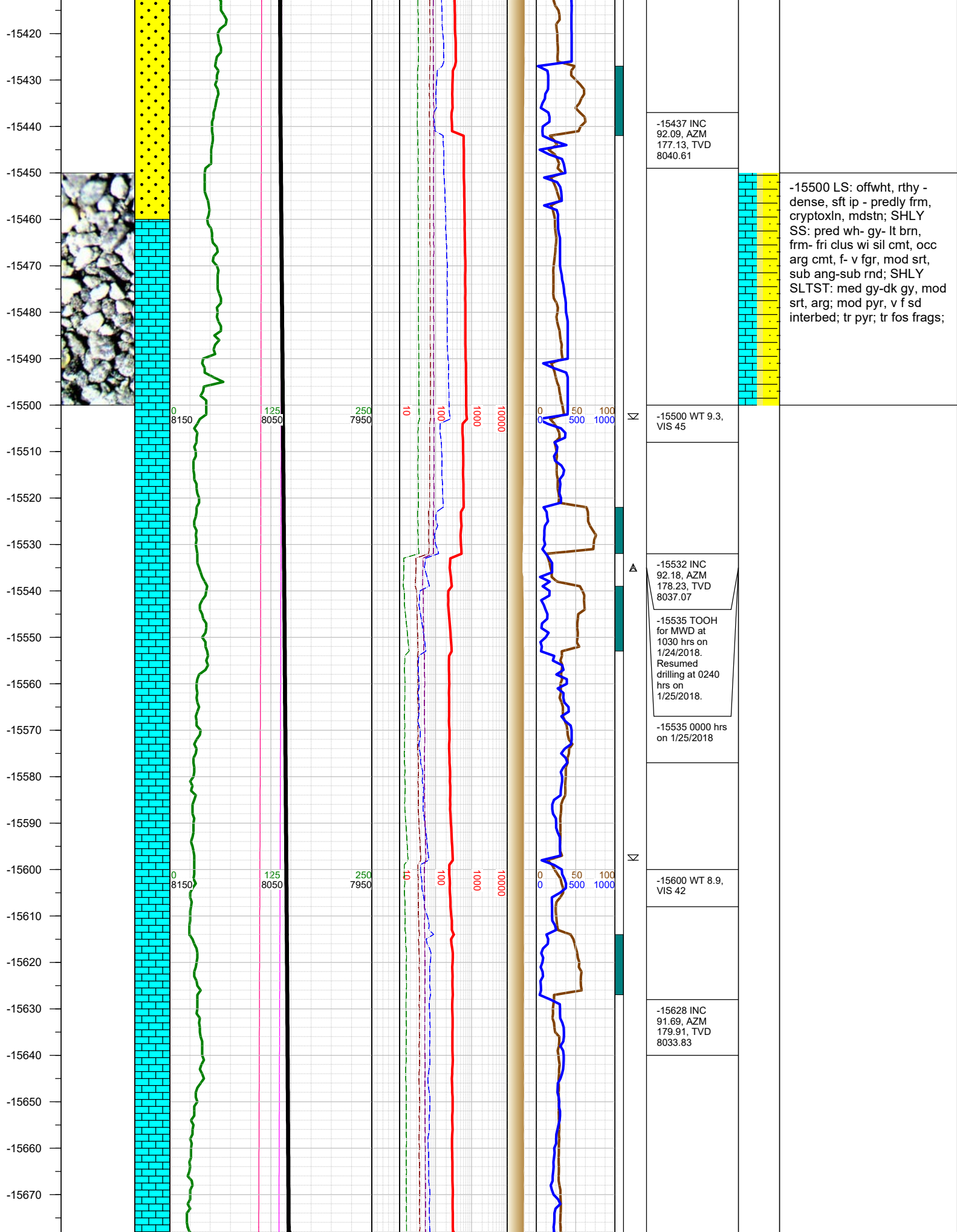
-14864 INC
89.88, AZM
181.23, TVD
8037.51

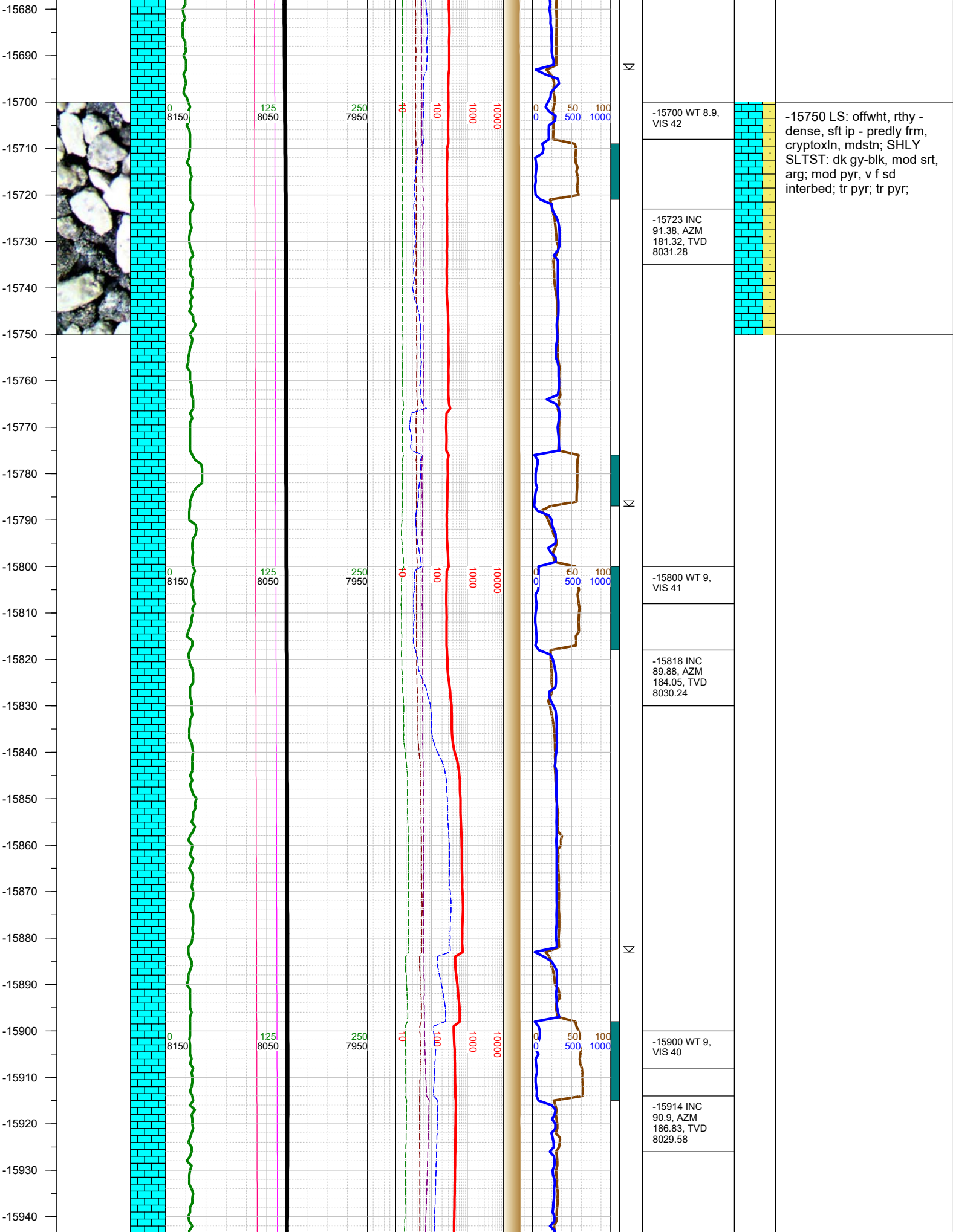


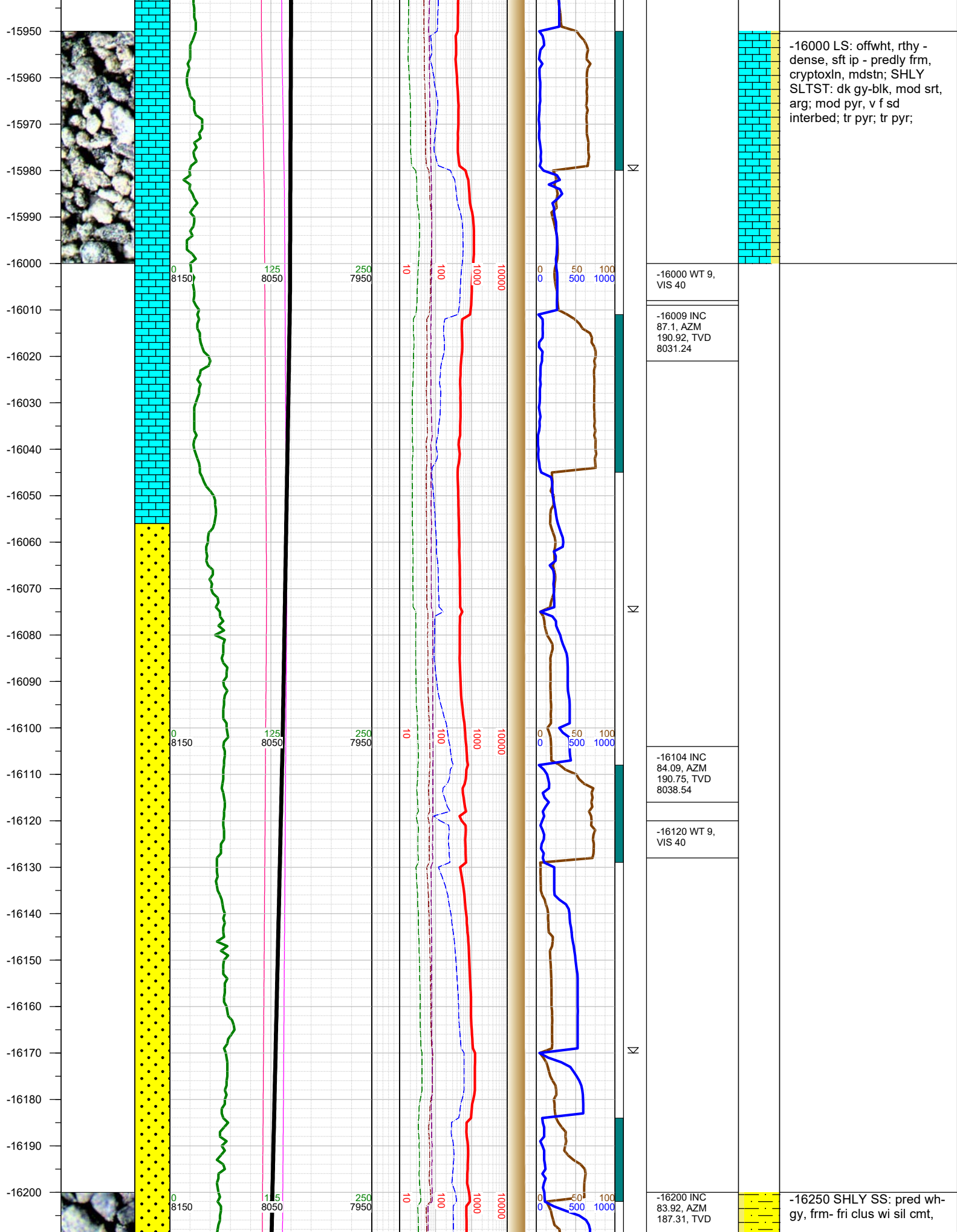
-14750 SHLY SS: pred wh-gy- lt brn, frm- fri clus wi sil cmt, occ arg cmt, f- v fgr, mod srt, sub ang-sub rnd; SHLY SLTST: med gy-dk gy, mod srt, arg; mod pyr, v f sd interbed; tr pyr;

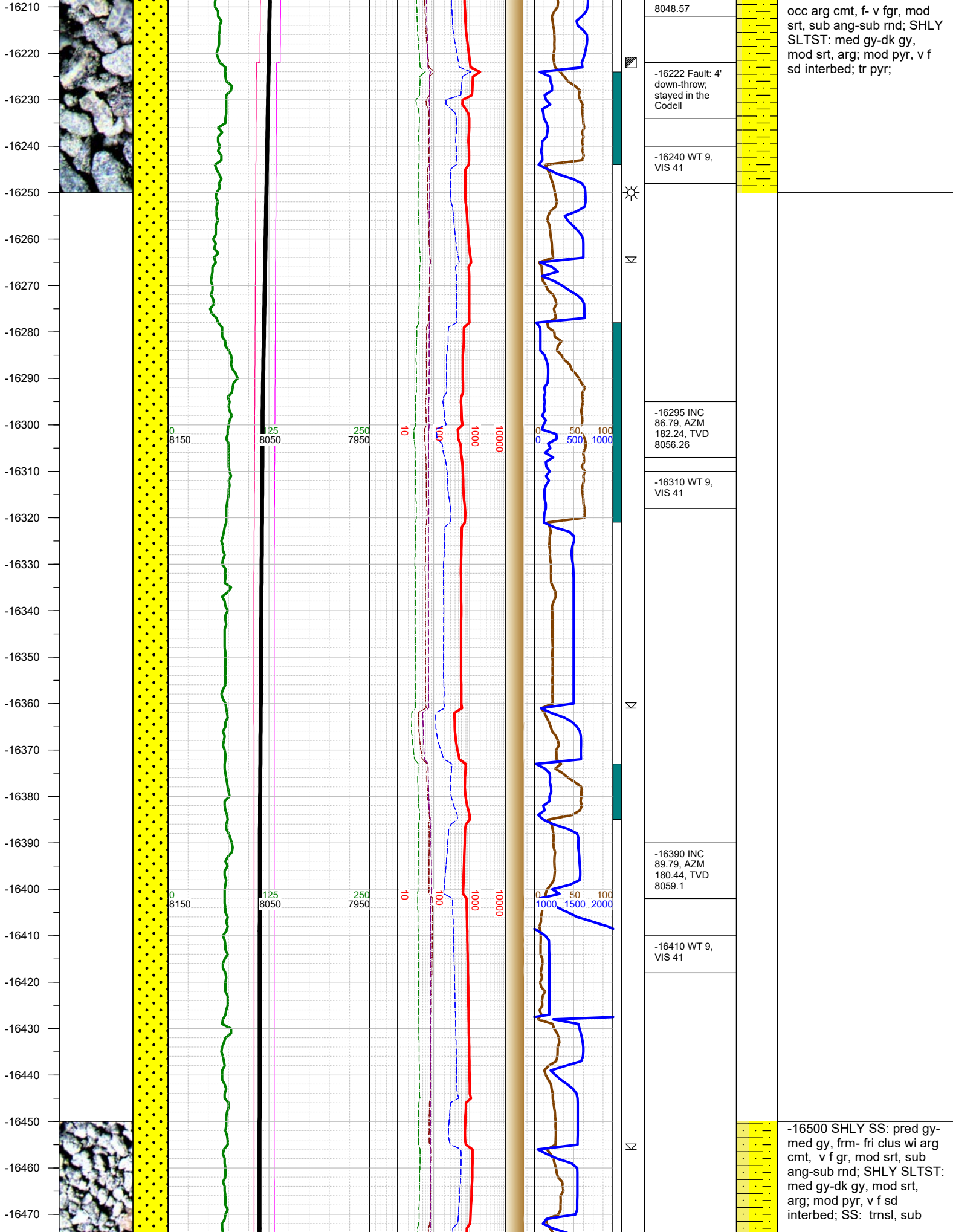


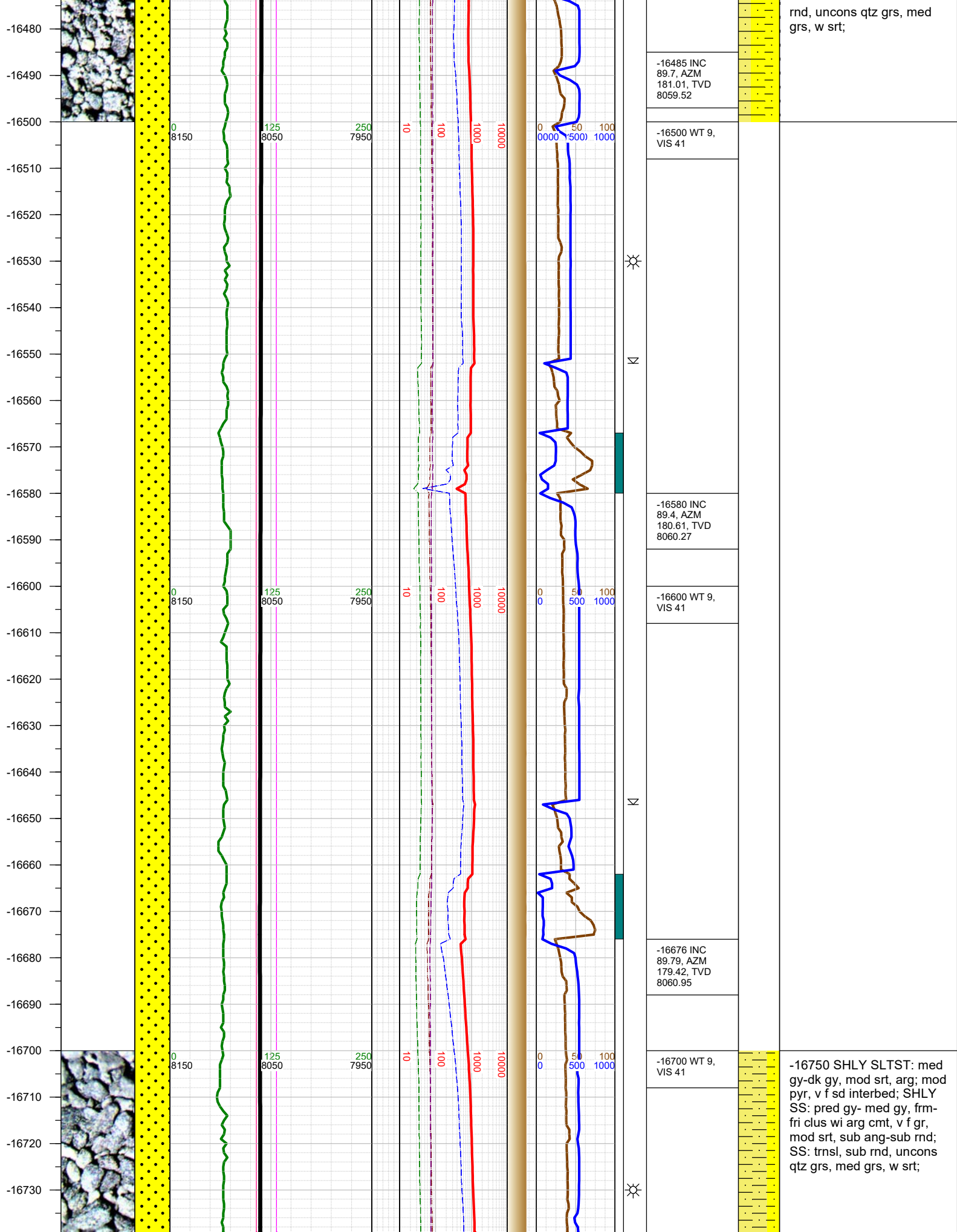


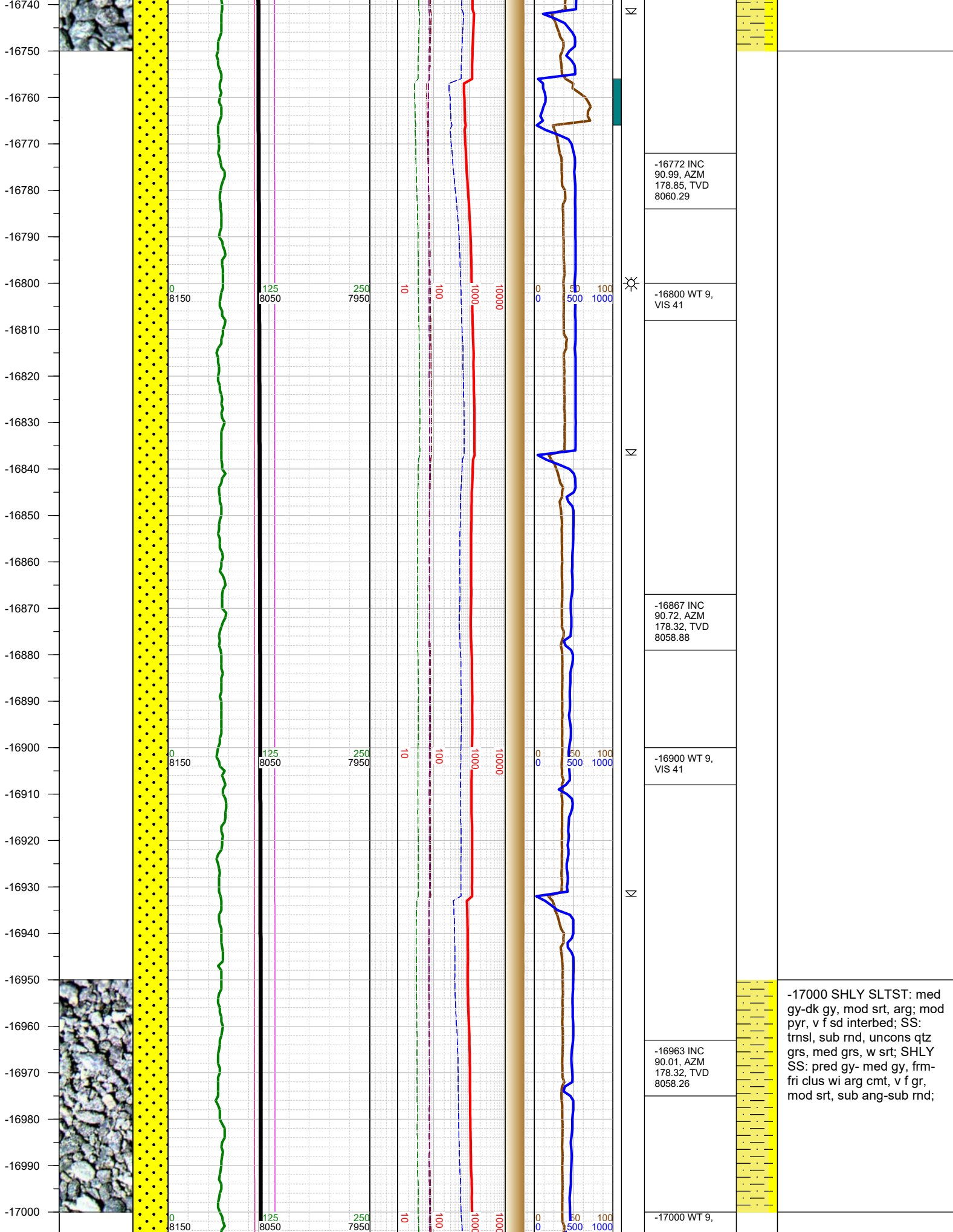


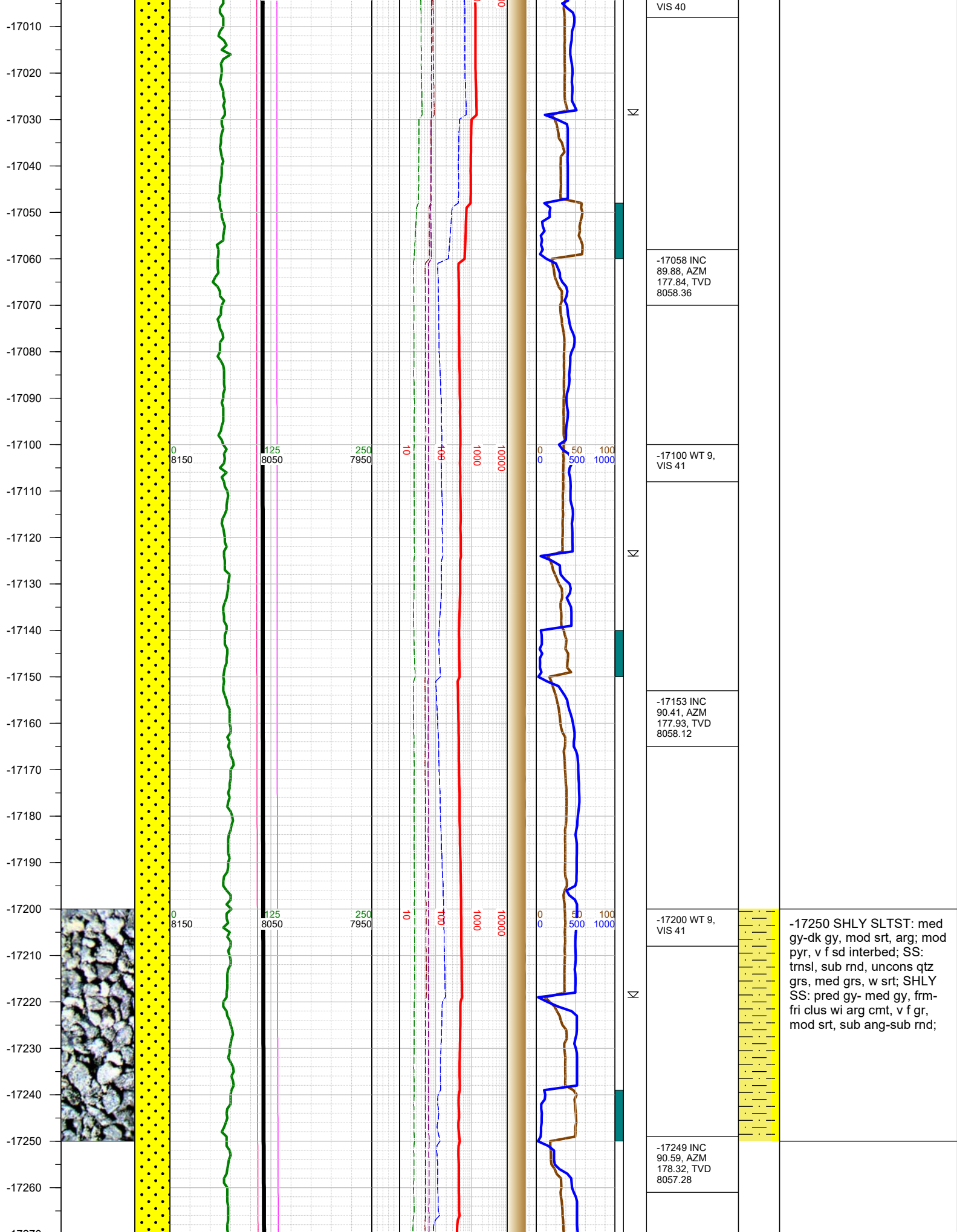


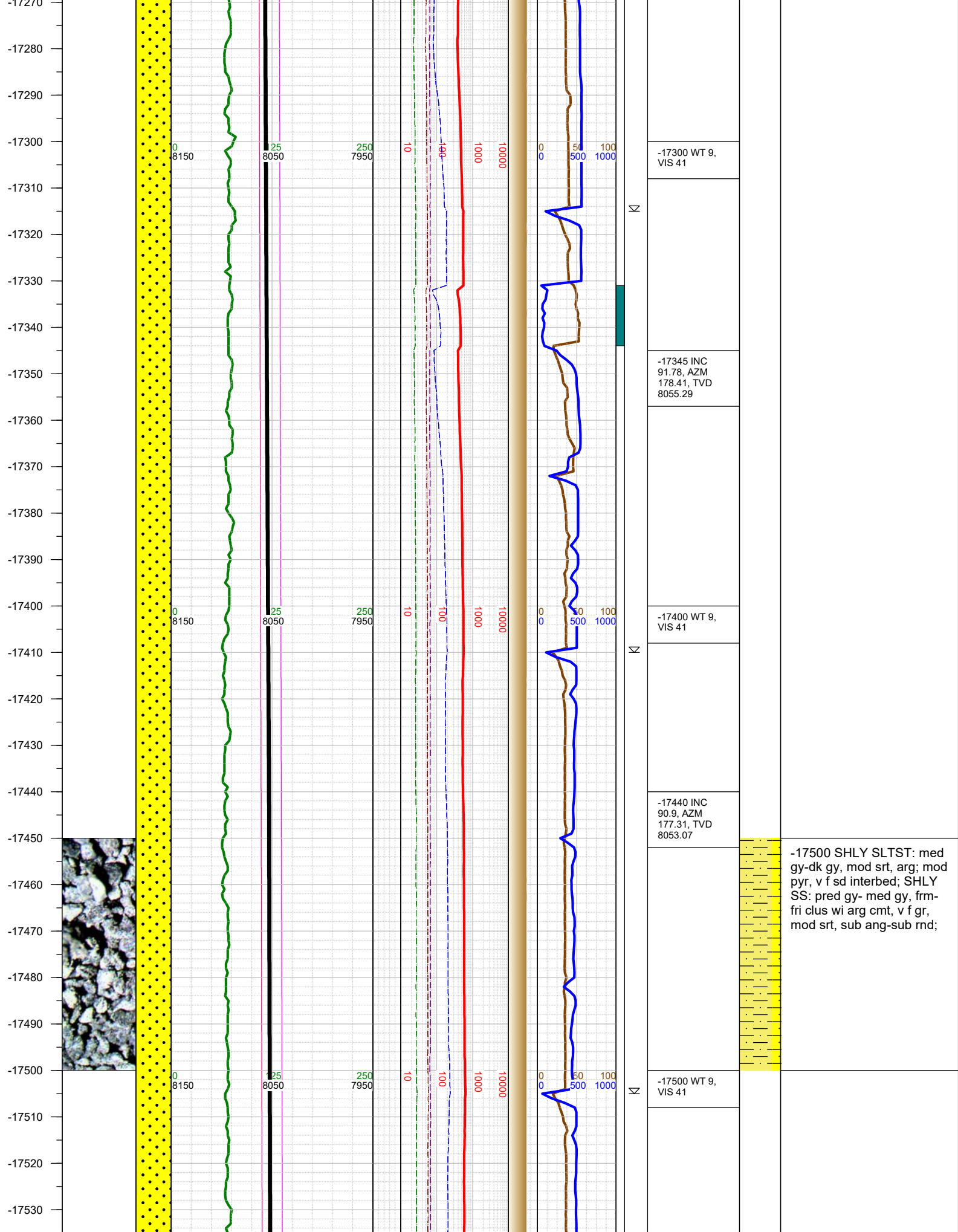


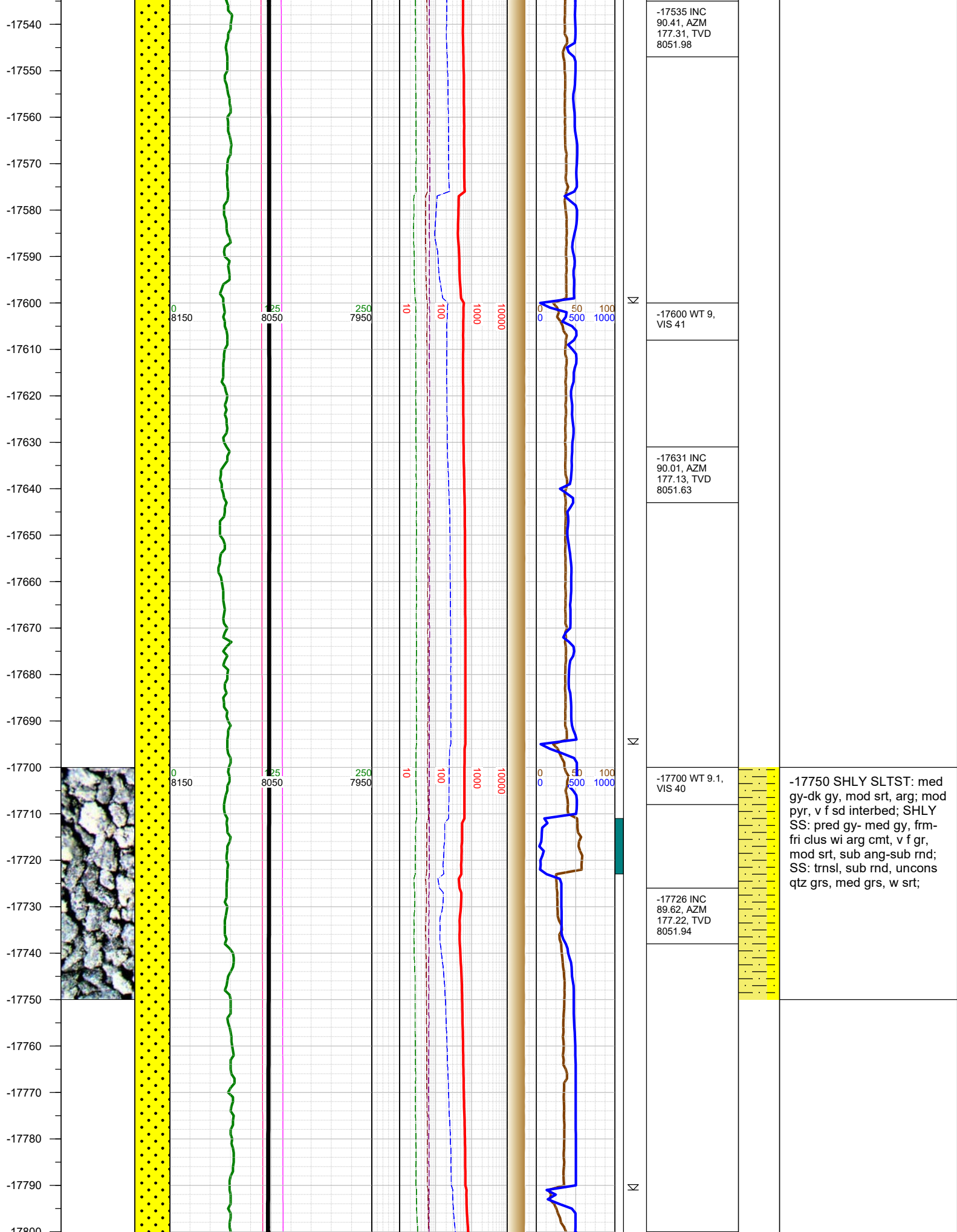


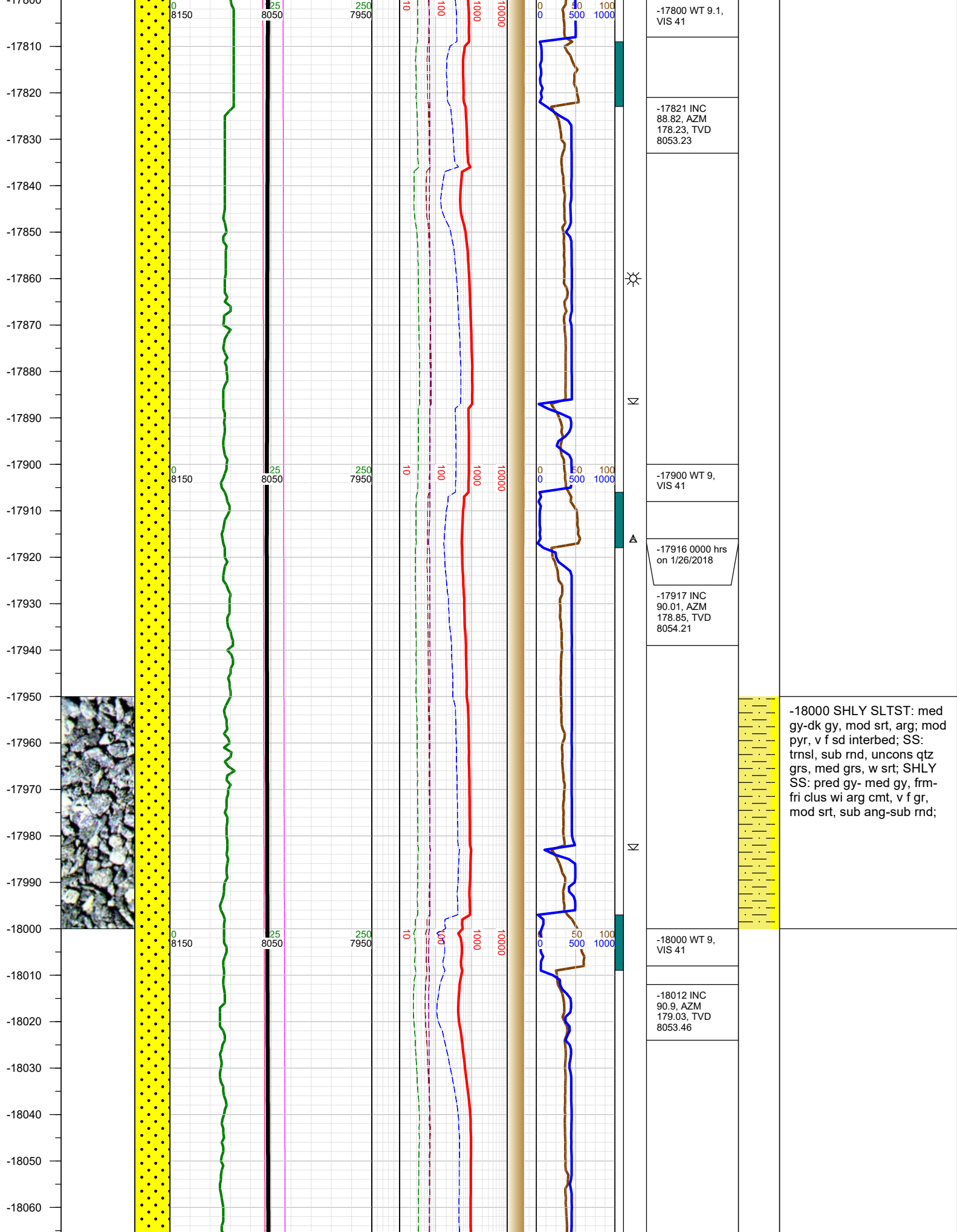












-18000 SHLY SLTST: med gy-dk gy, mod srt, arg; mod pyr, v f sd interbed; SS: trnsl, sub rnd, unconsl qtz grs, med grs, w srt; SHLY SS: pred gy- med gy, frm-fri clus wi arg cmt, v f gr, mod srt, sub ang-sub rnd;

