

OPERATOR: **Extraction Oil & Gas**

WELL NAME: **Mickey 9**

FIELD NAME: DJ Basin - Wattenberg

DRILLING RIG: Patterson 346

API #: 05-123-43846

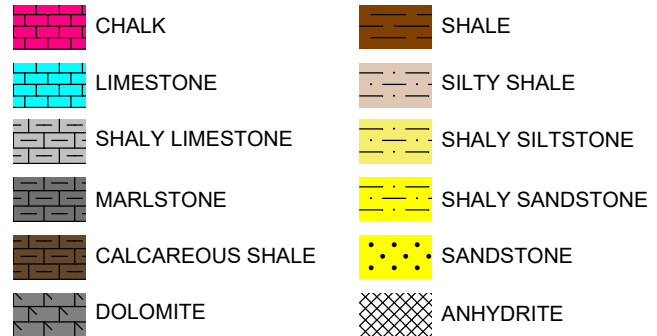
LAT/LONG: 40.516394, -104.914633
SURFACE HOLE: SWNE S5-T6N-R67W, 2421' FNL, 1888' FEL
BOTTOM HOLE: S3-T6N-R67W, 1771' FNL, 2622' FEL



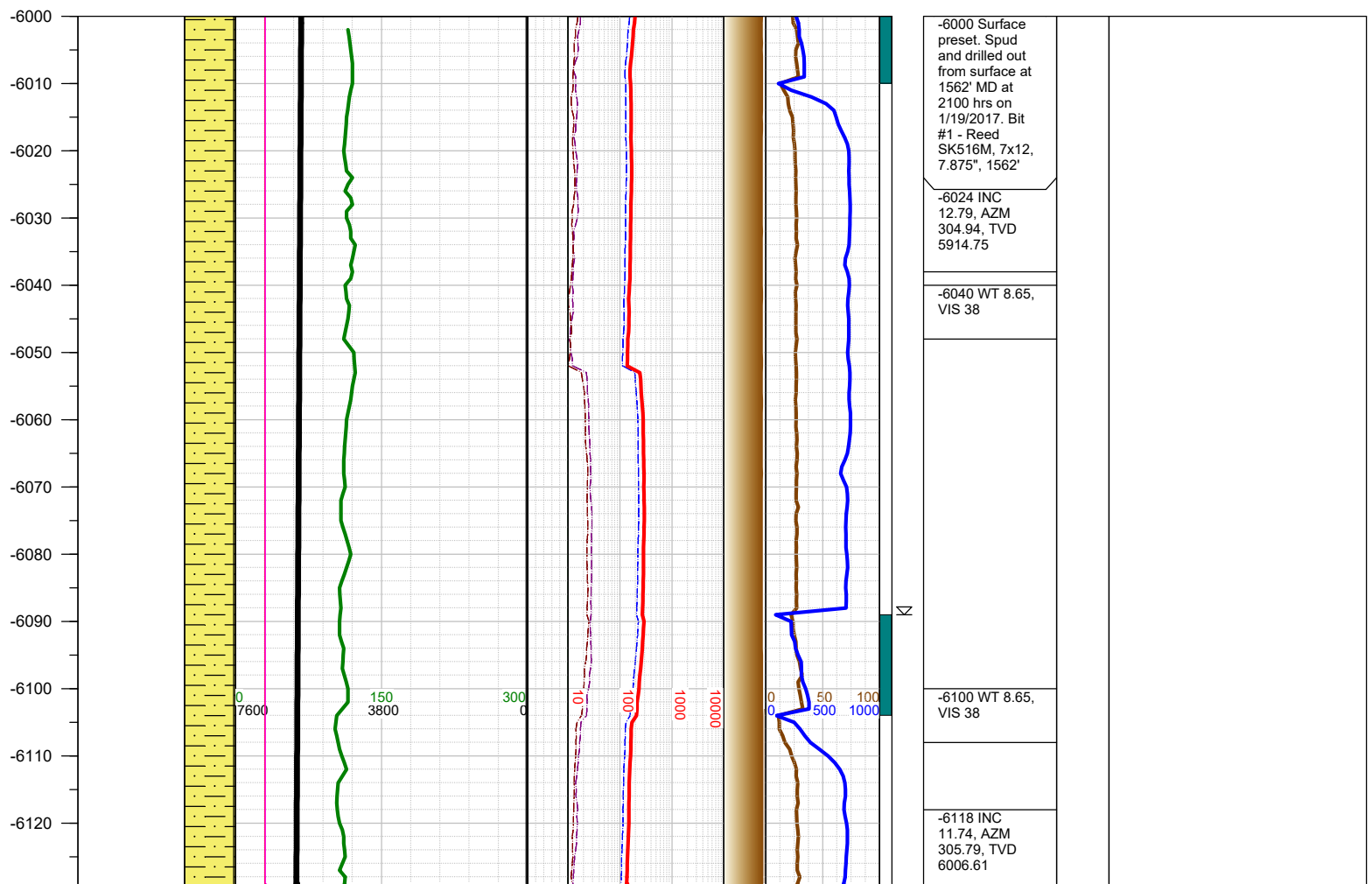
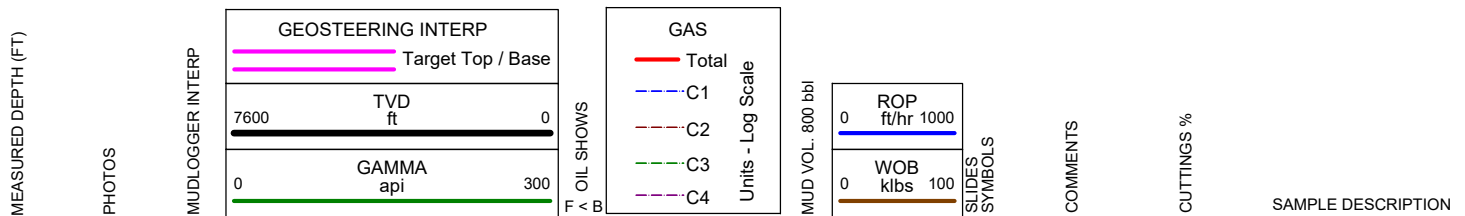
COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 4880'
KELLY BUSHING: 4905'
DRILLING FLUID: OBM
TVD VS. MD: 7055' / 17313'
SPUD DATE: January 19, 2017
TD DATE: January 22, 2017

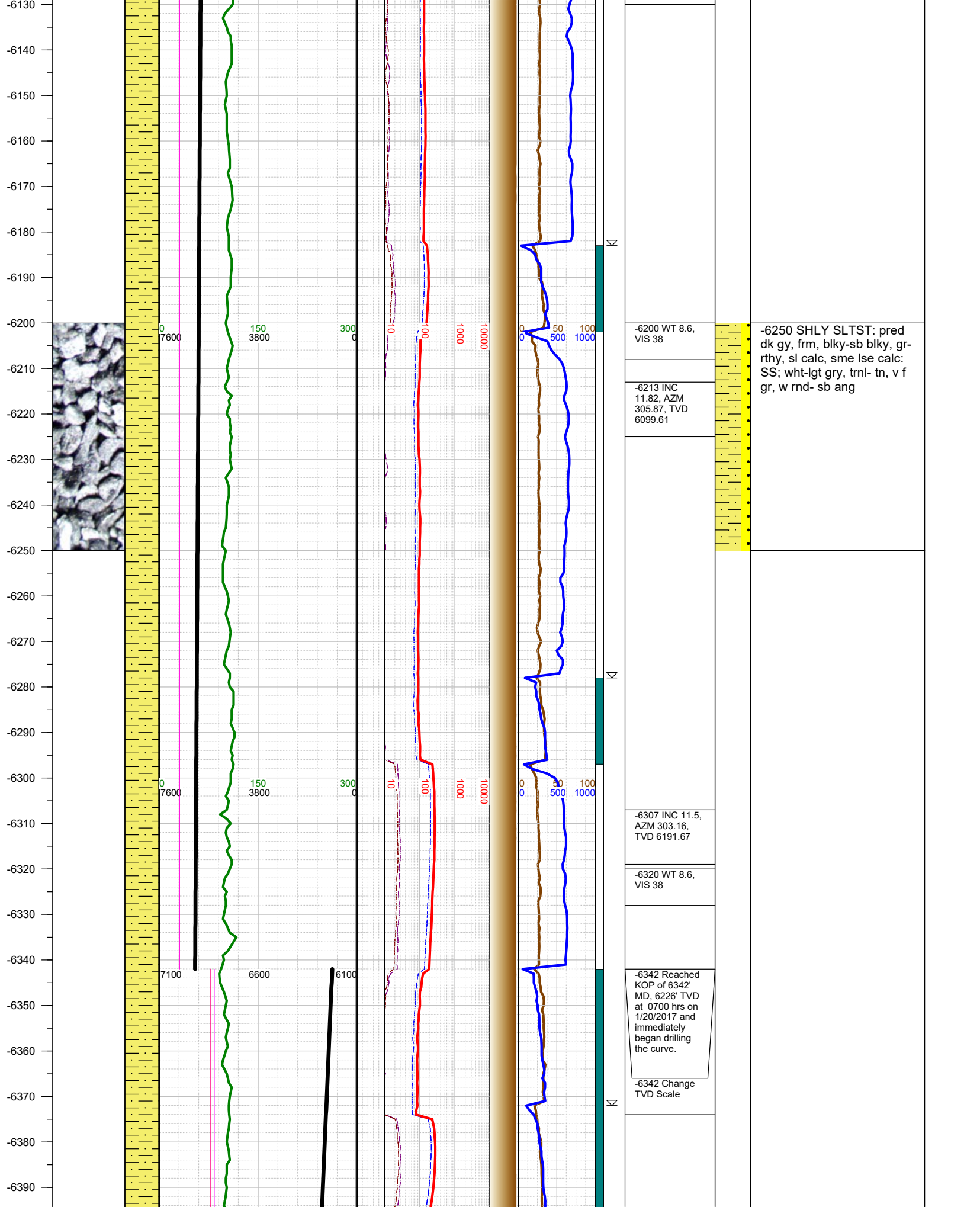
DEPTHS LOGGED: 6000' - 17313'
DATES LOGGED: January 20, 2017 - January 22, 2017
GEOLOGISTS: Joe Coon, Dominic Pitre
SCALE: 5" = 100'

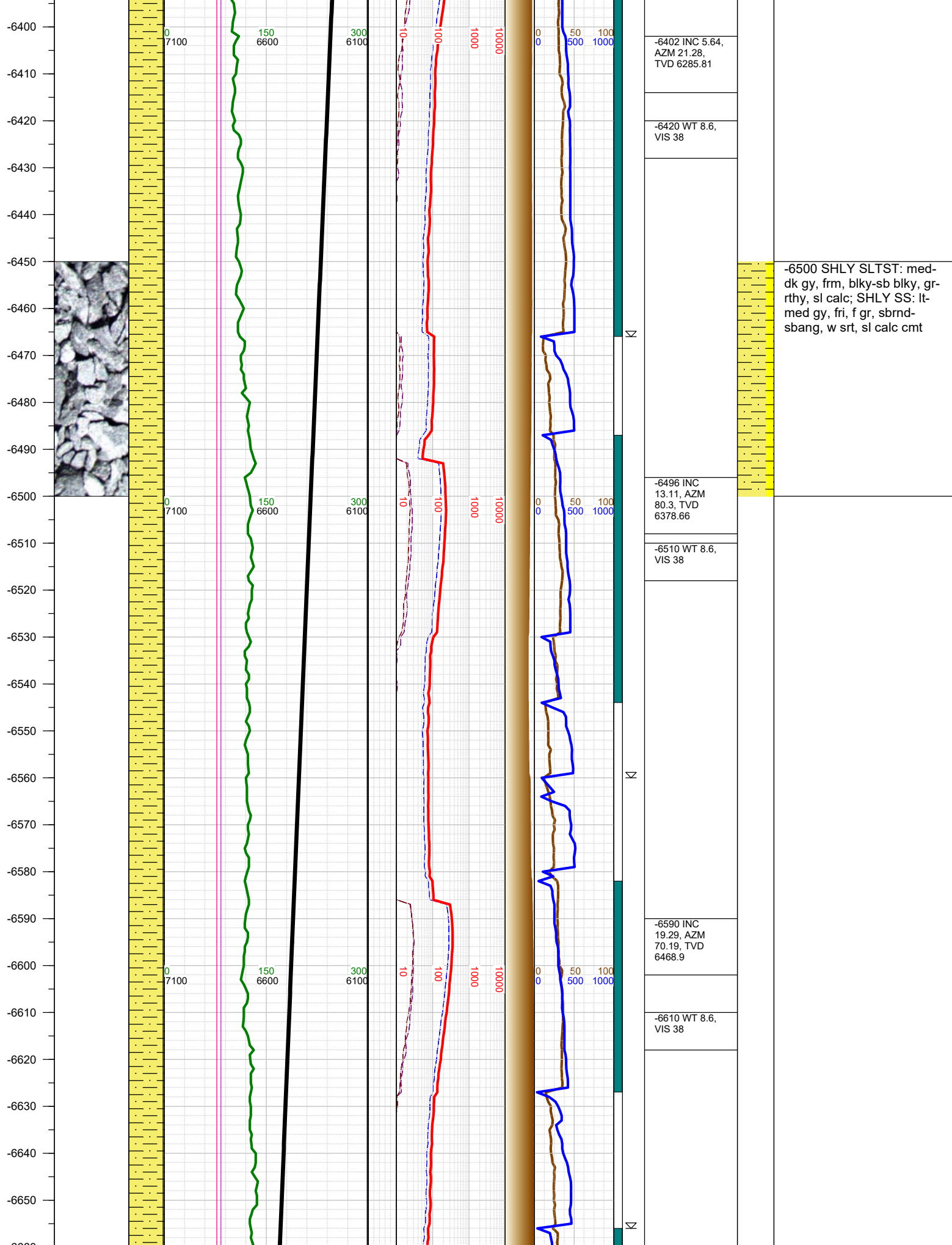
LEGEND



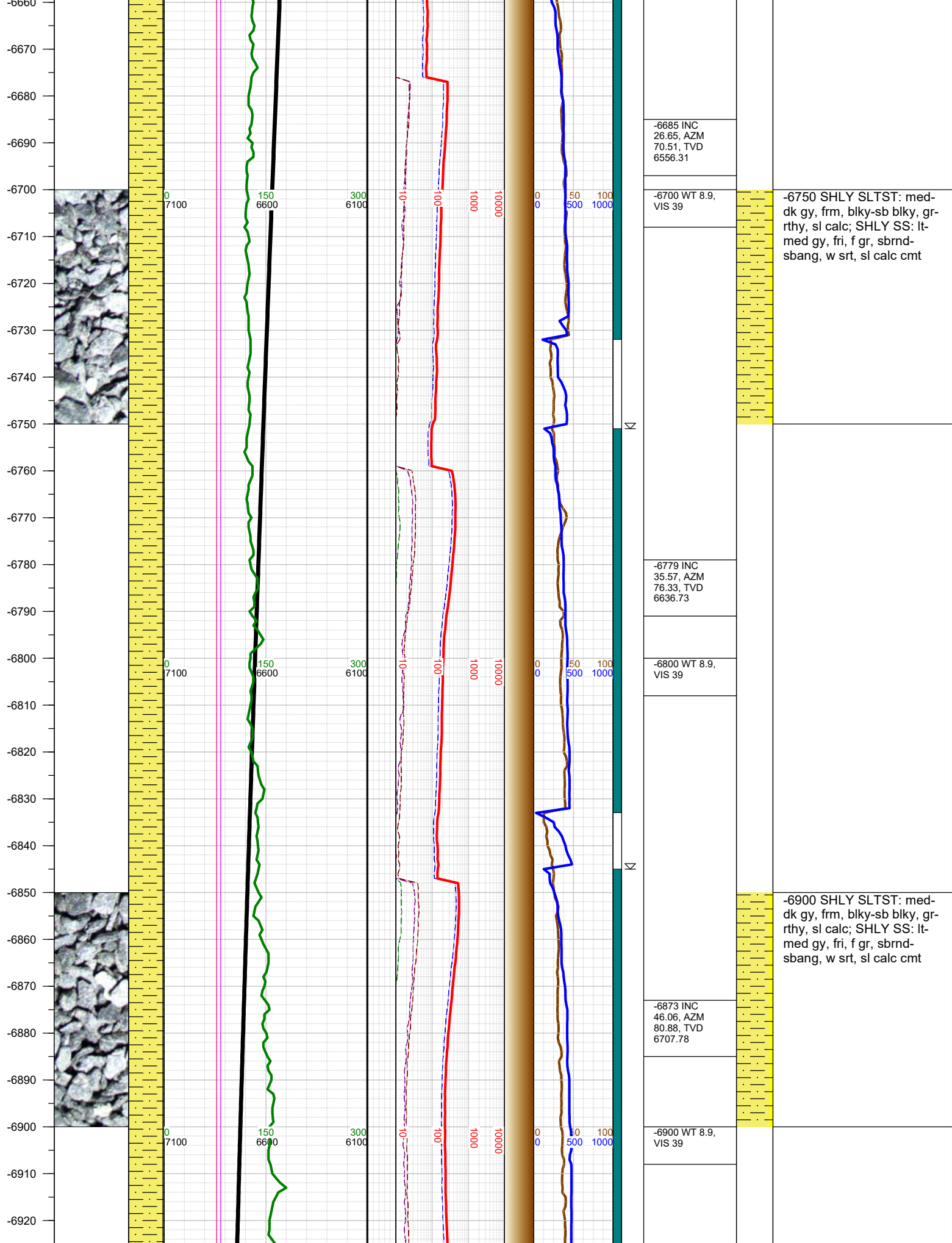
FORMATION \approx CONNECTION Δ MIDNIGHT NEW BIT GAS SHOW FAULT

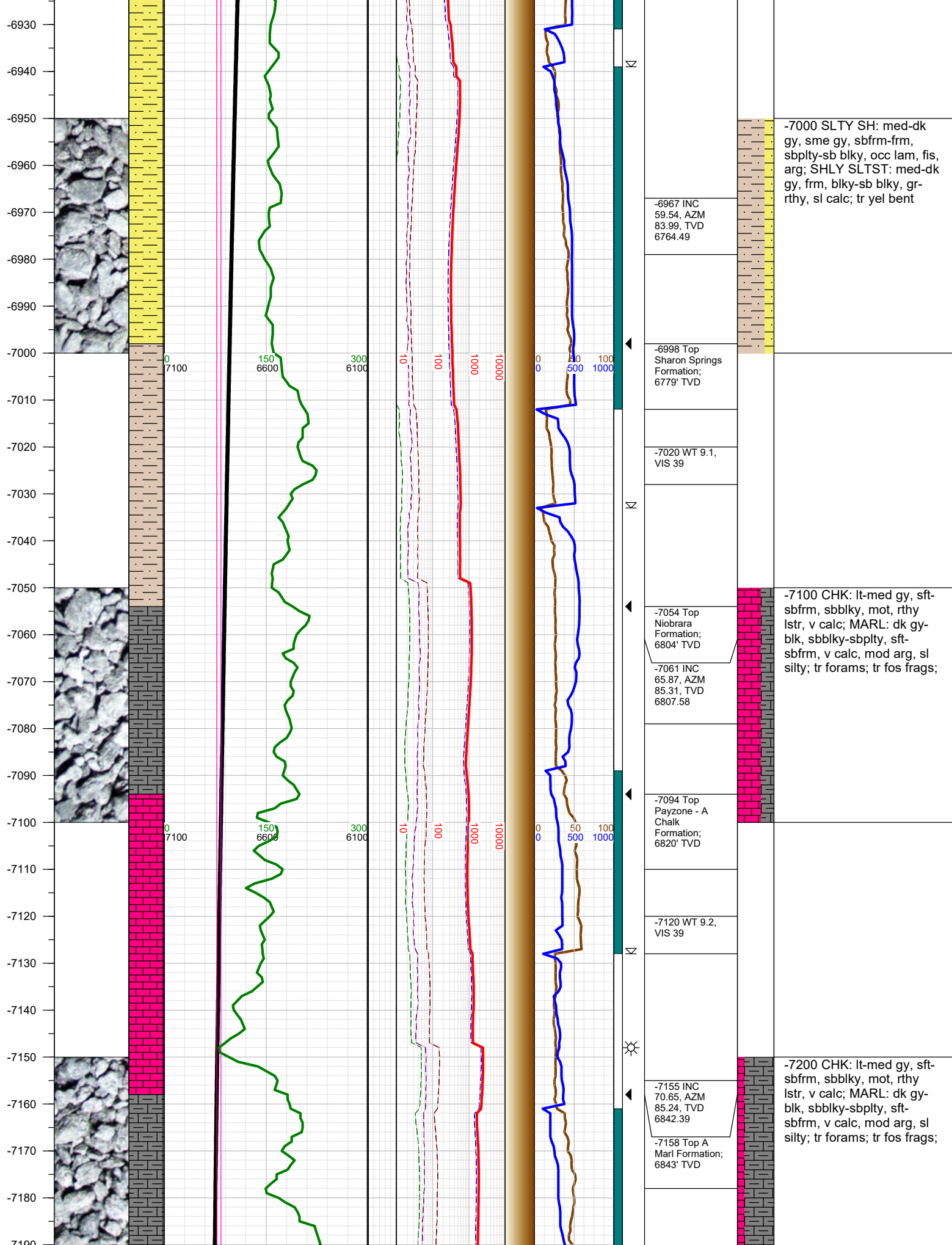


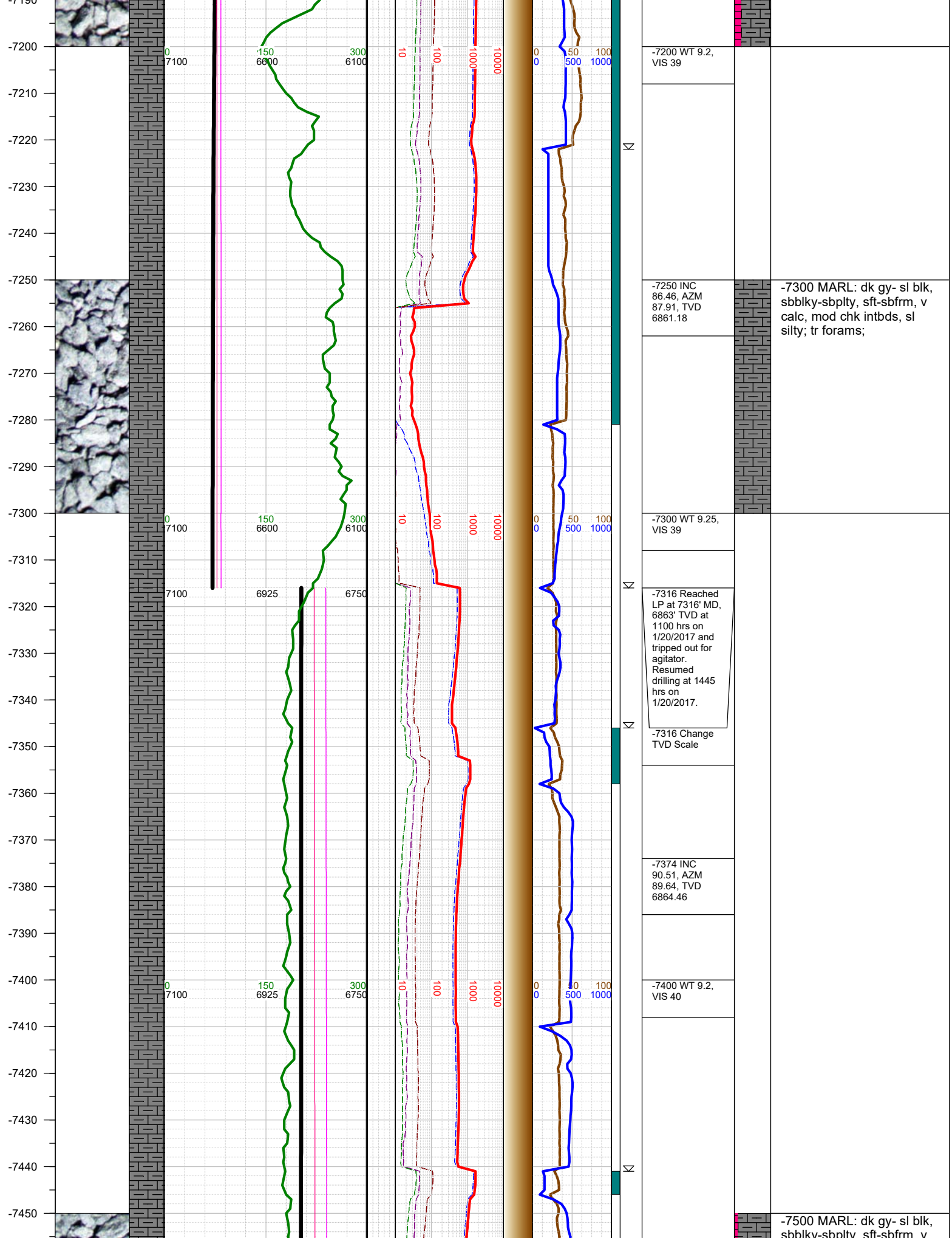


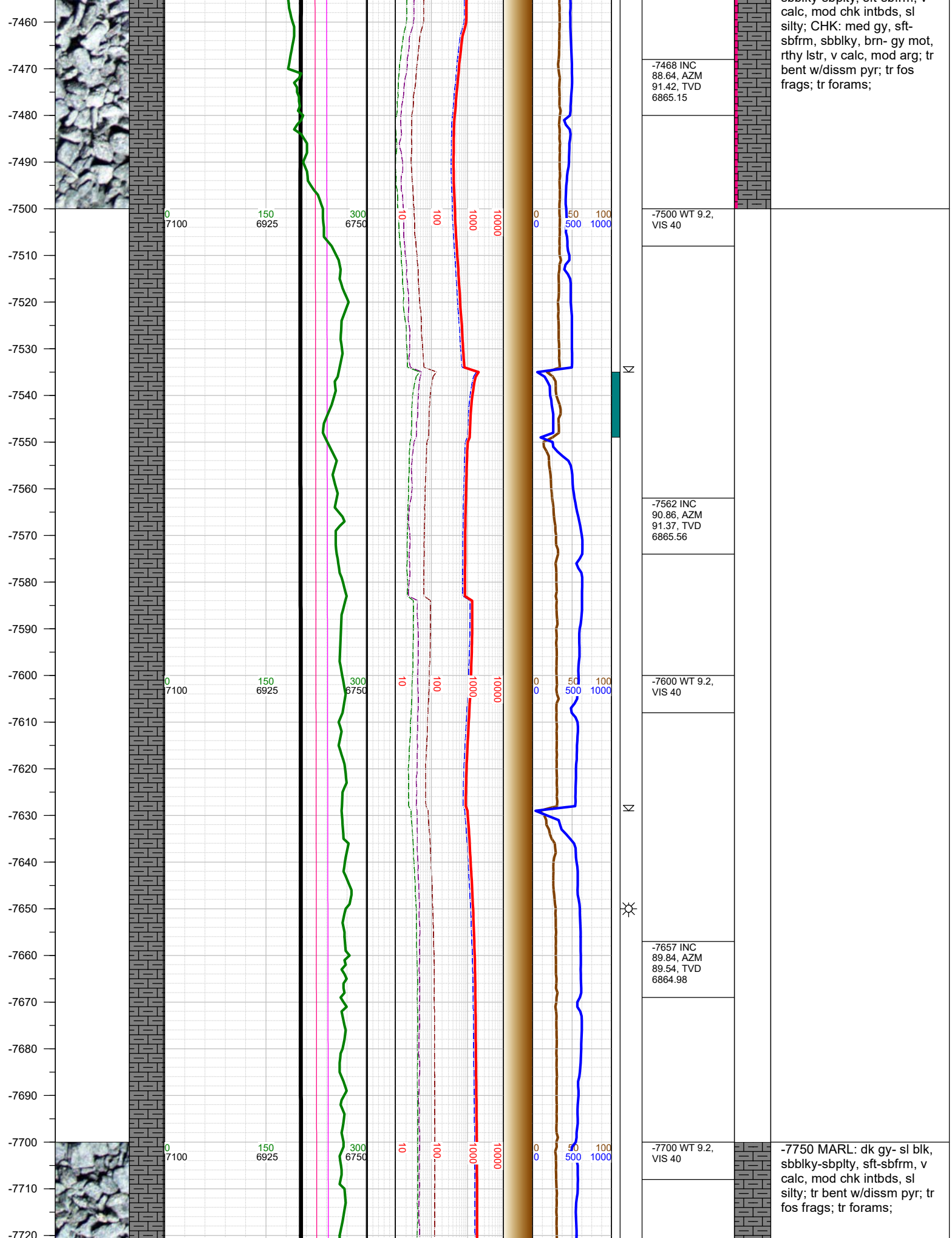


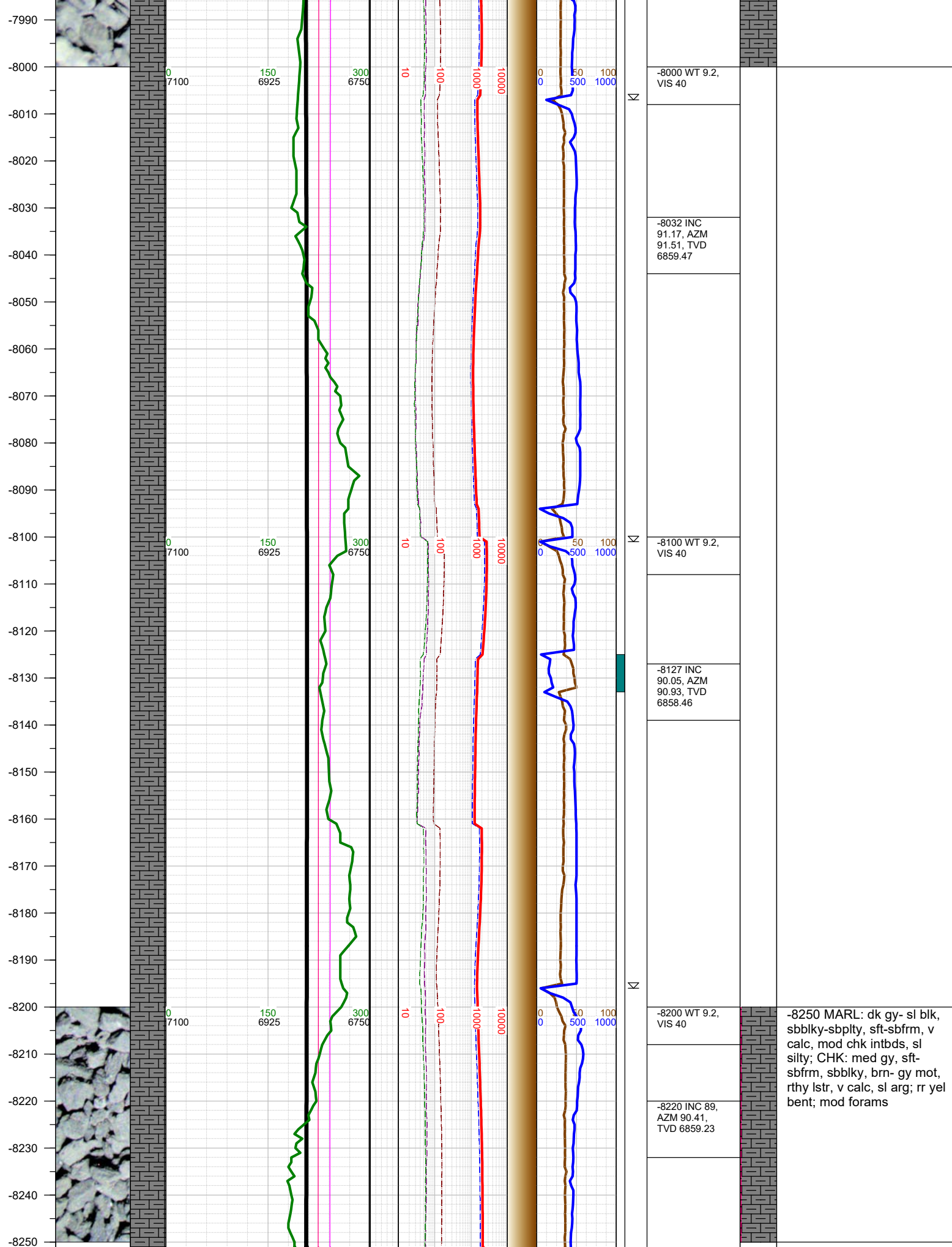
-6500 SHLY SLTST: med-dk gy, frm, blk-sb blk, gr-rthy, sl calc; SHLY SS: lt-med gy, fri, f gr, sbrnd-sbang, w srt, sl calc cmt

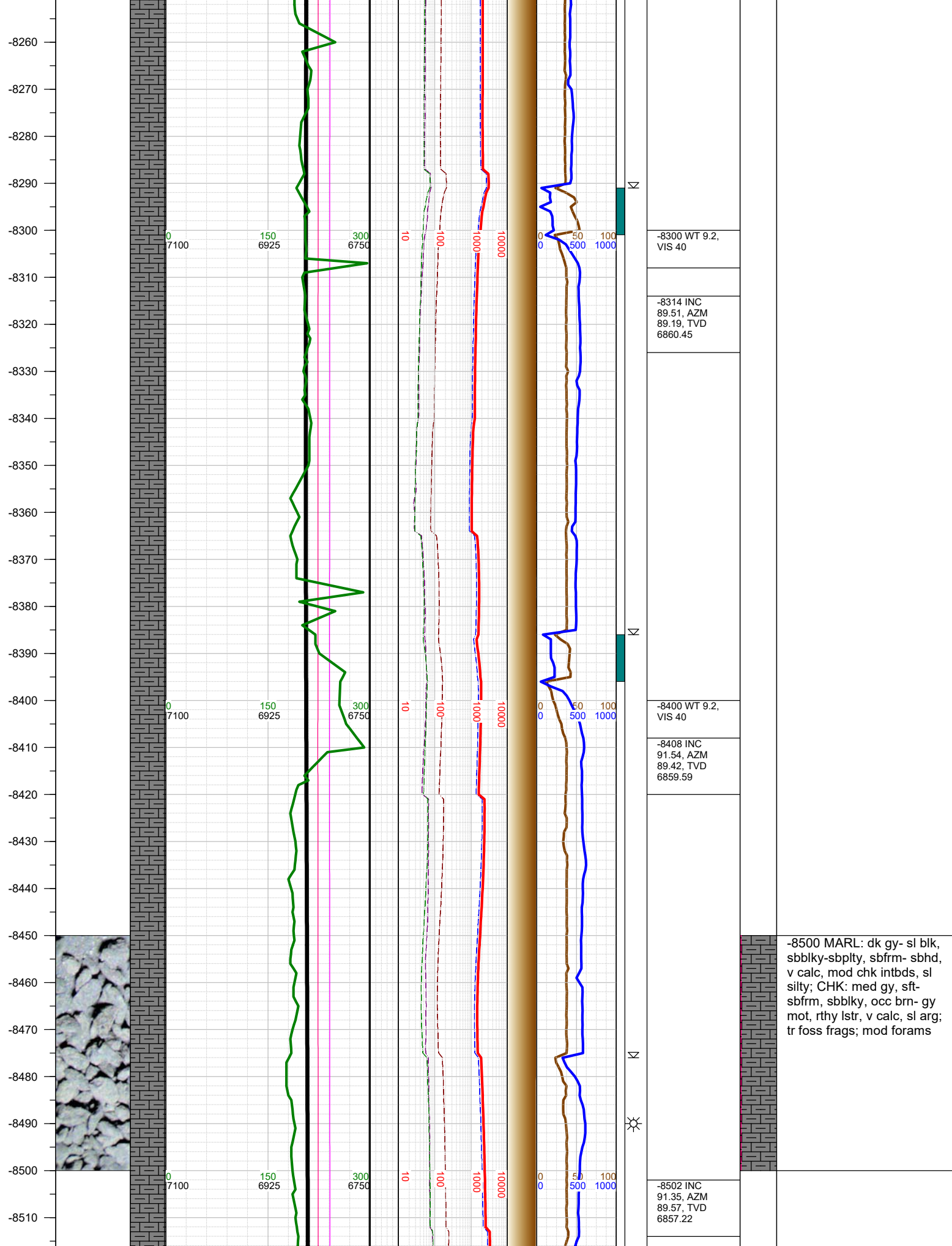




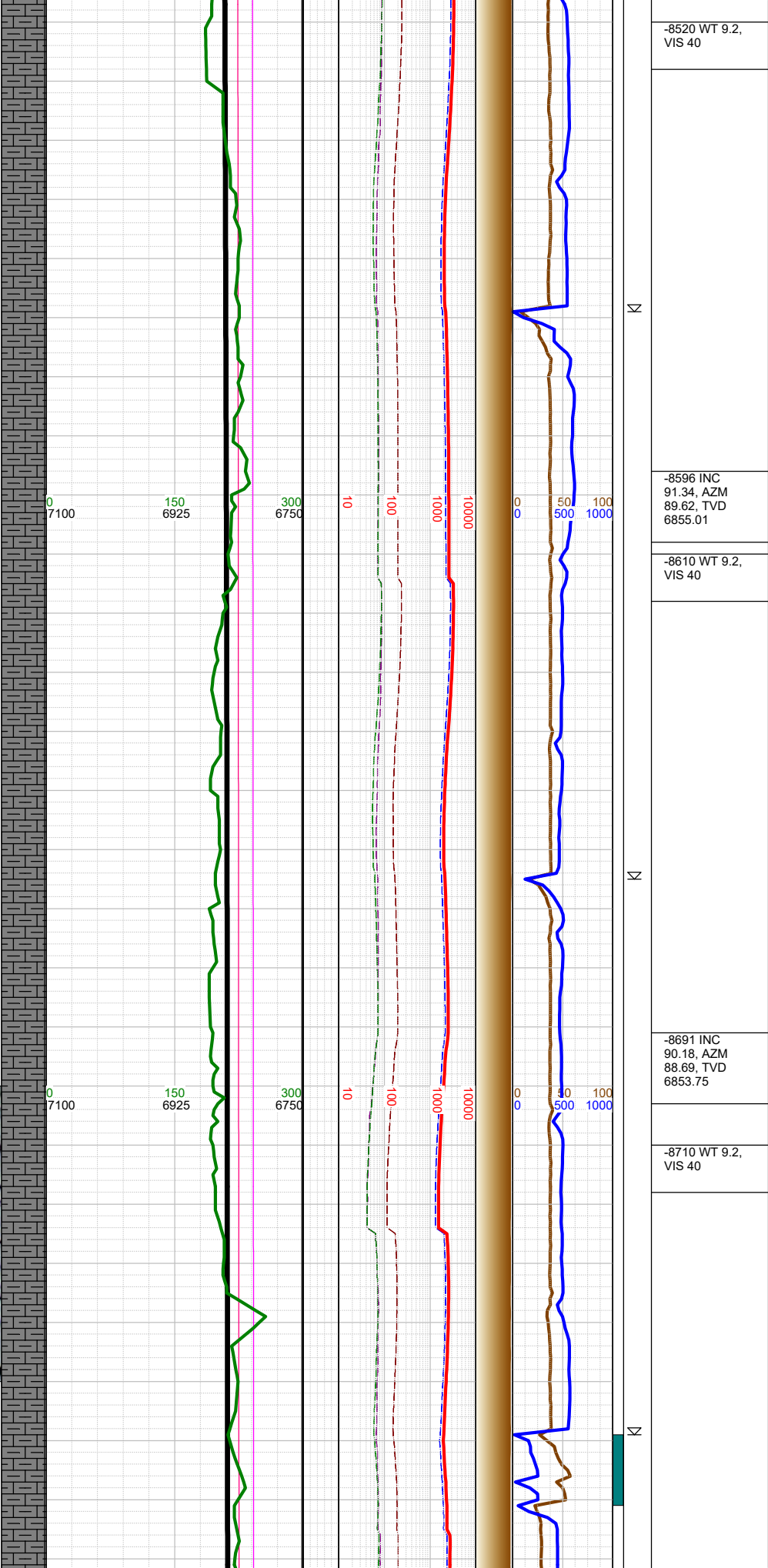
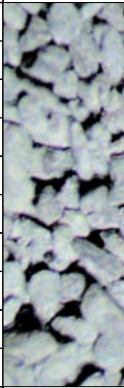




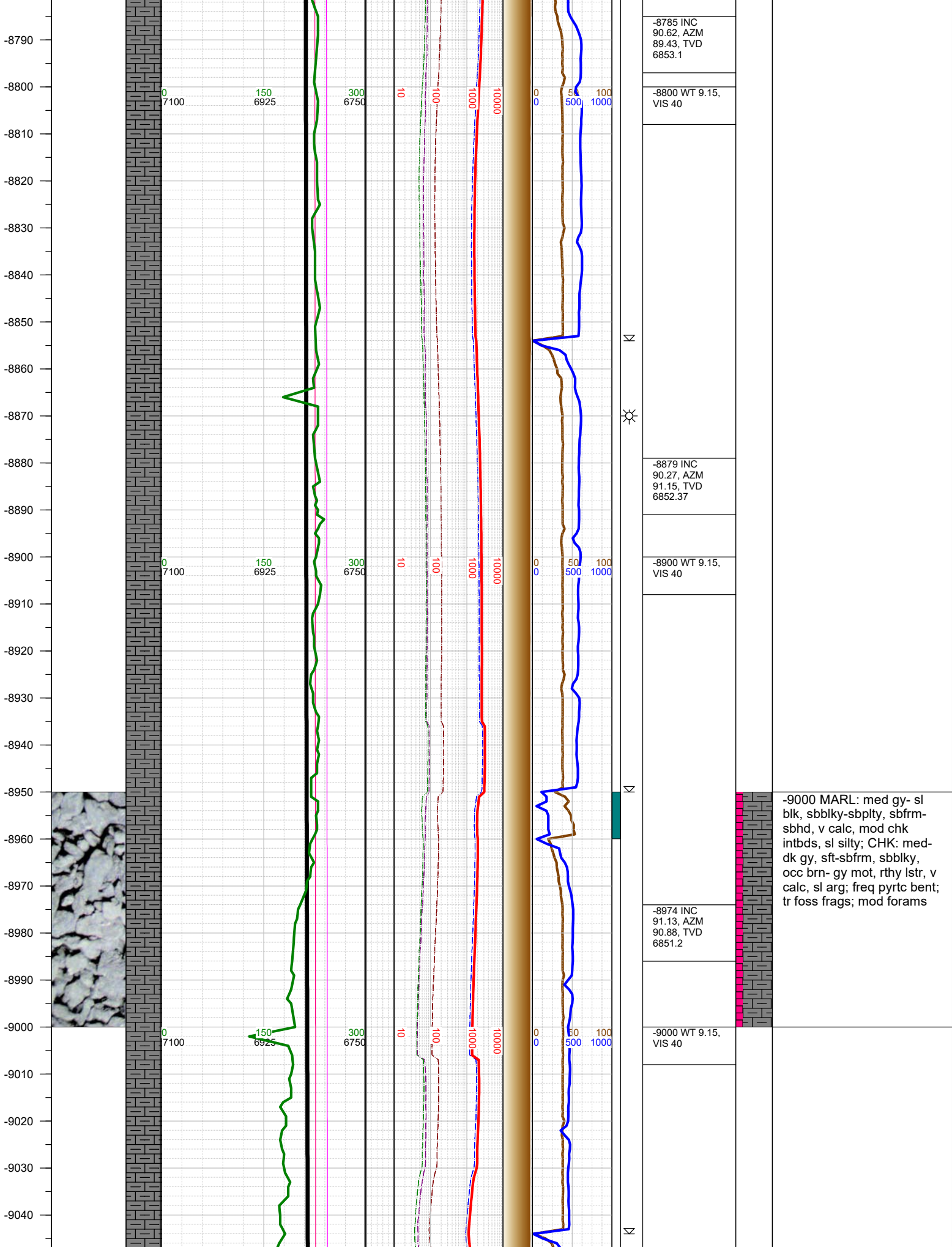


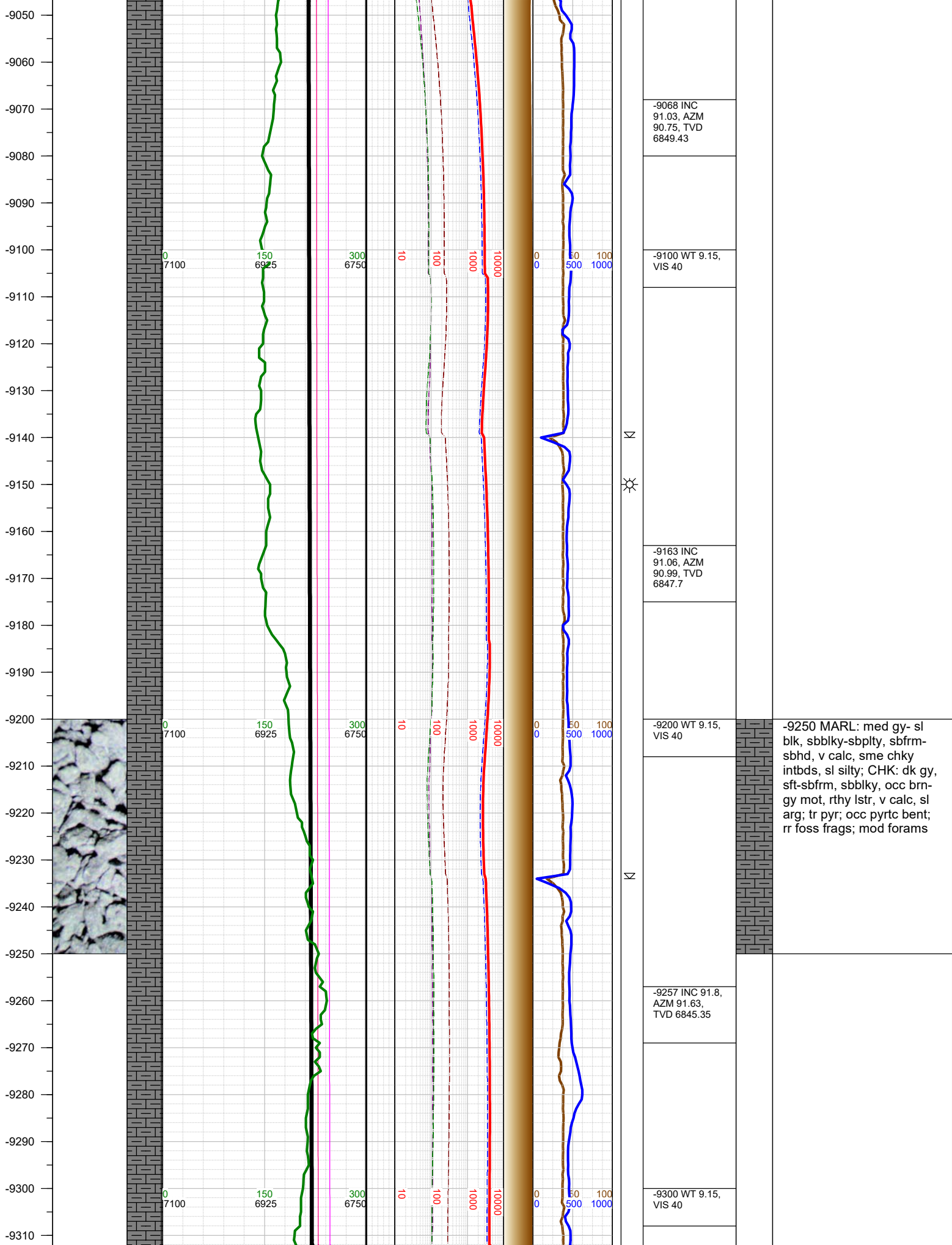


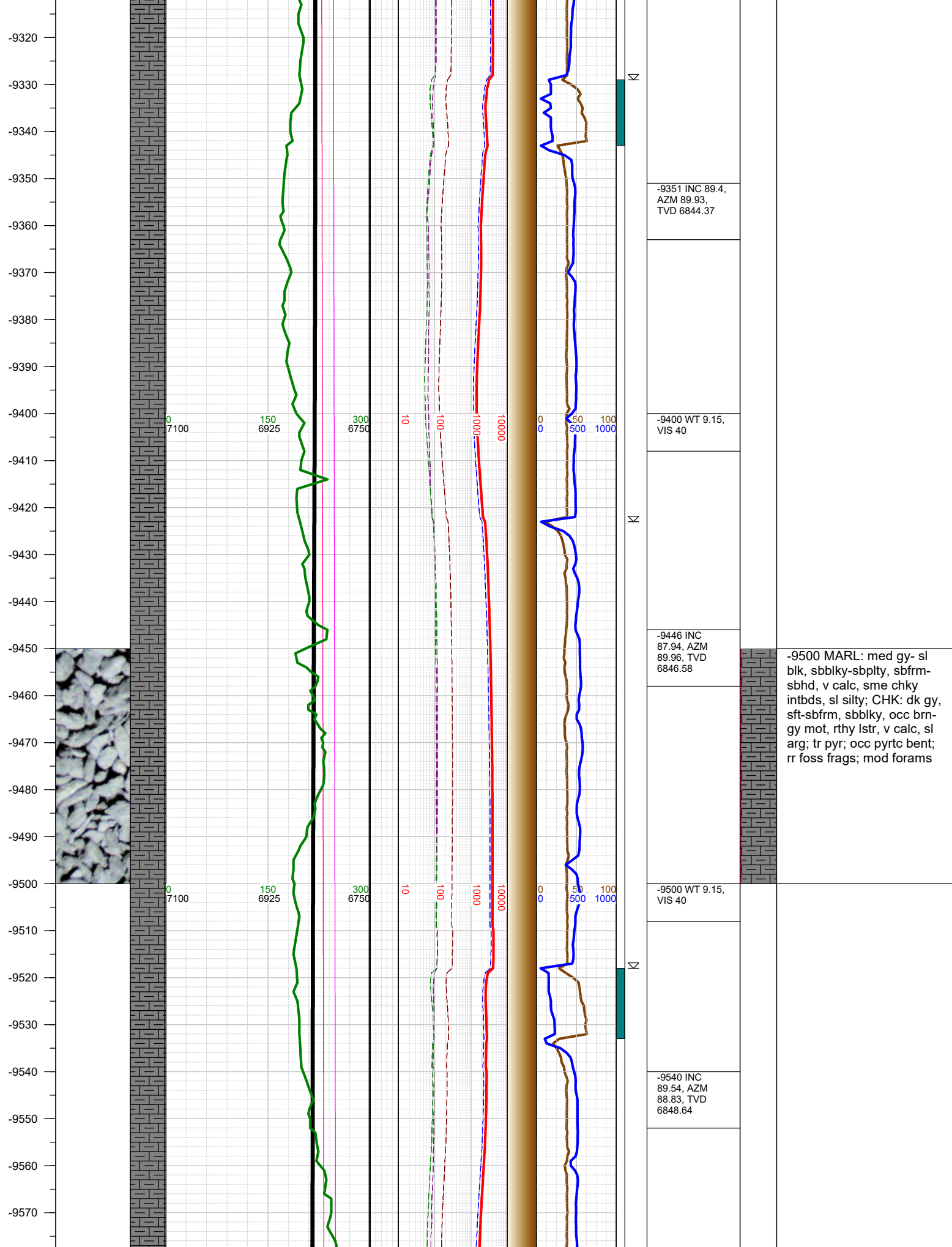
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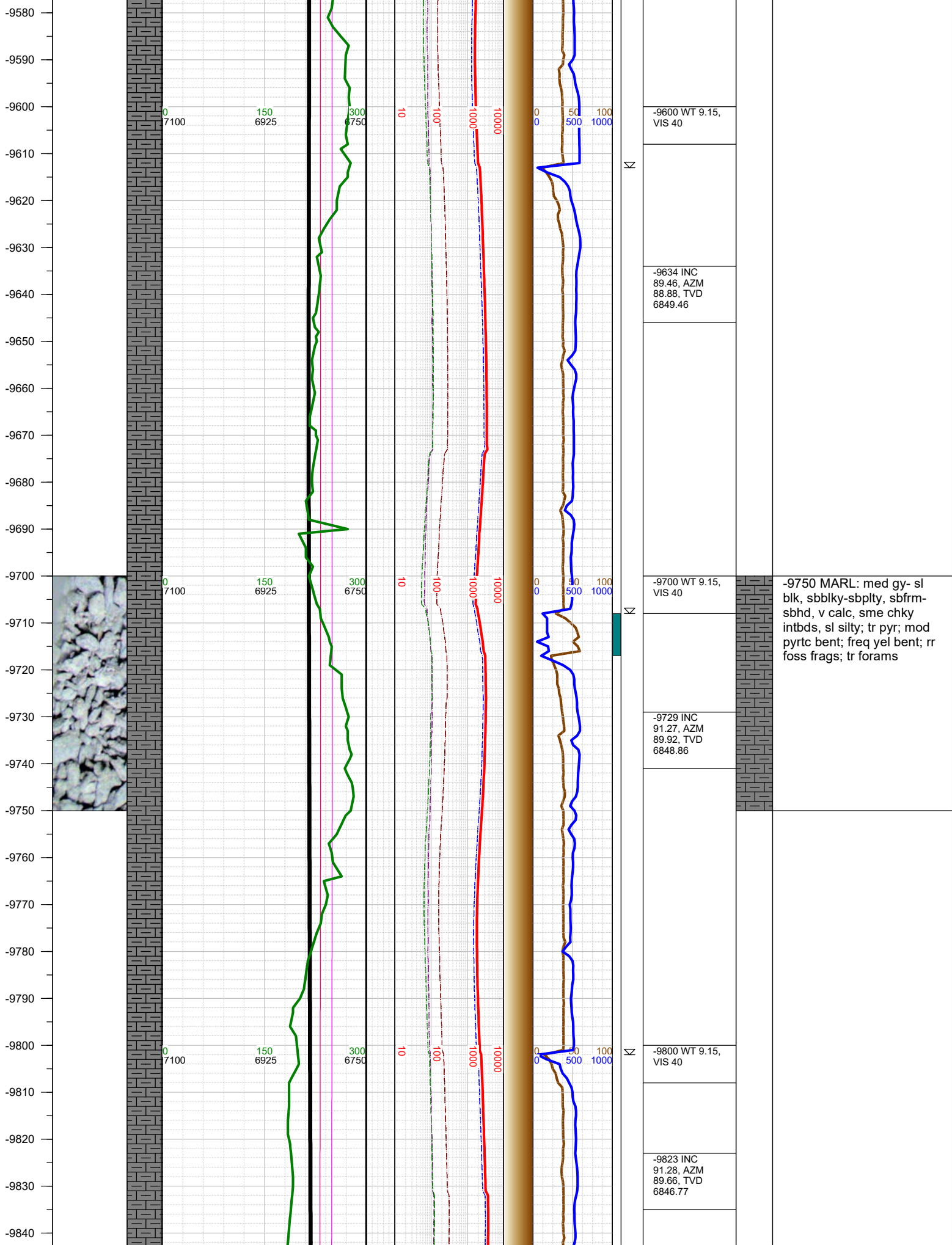


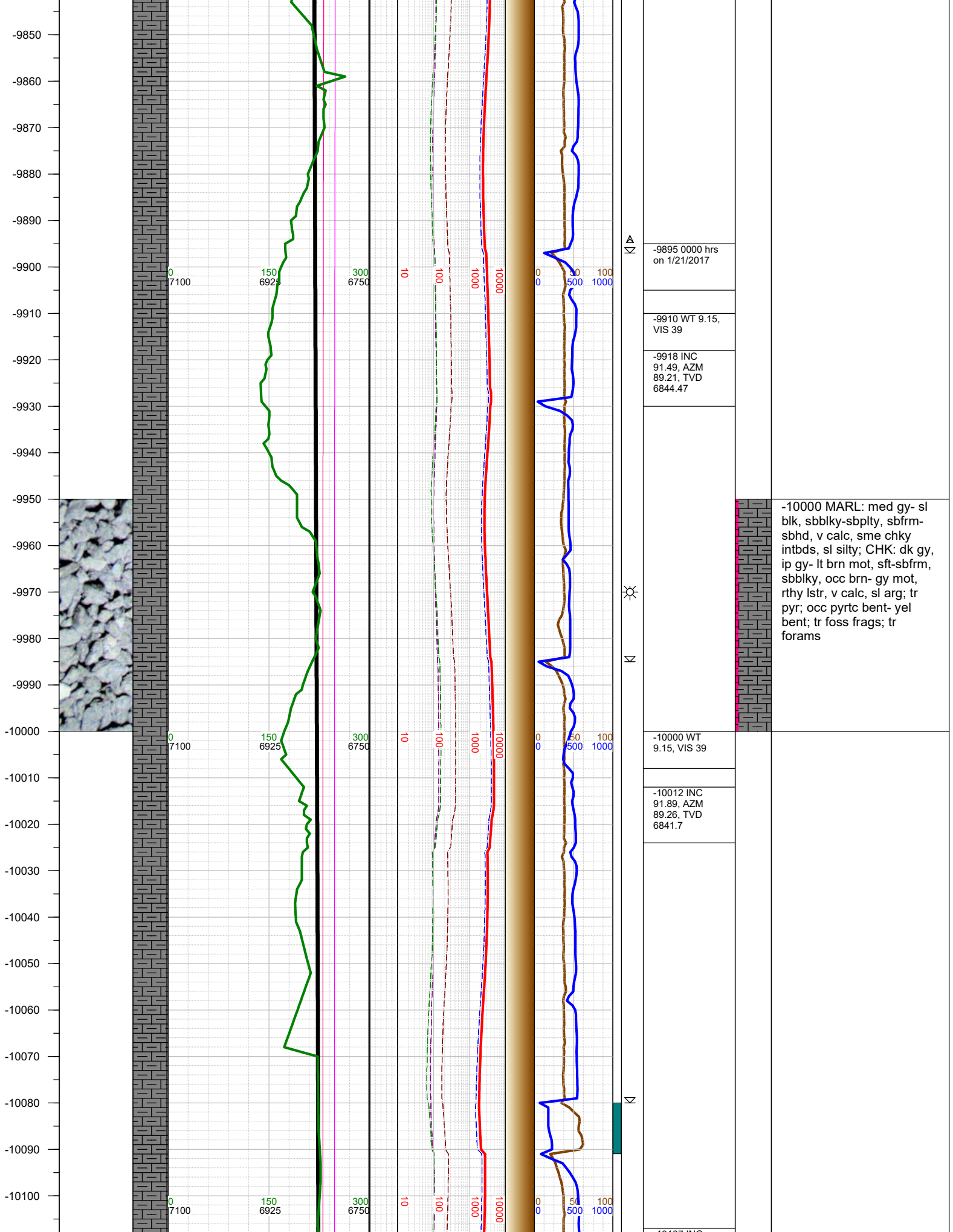
-8750 MARL: dk gy- sl blk, sbblky-sbplty, sbfrm- sbhd, v calc, mod chk intbds, sl silty; CHK: med gy, sft-sbfrm, sbblky, occ brn- gy mot, rthy lstr, v calc, sl arg; tr foss frags; mod forams











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-9895 0000 hrs
on 1/21/2017

-9910 WT 9.15,
VIS 39

-9918 INC
91.49, AZM
89.21, TVD
6844.47

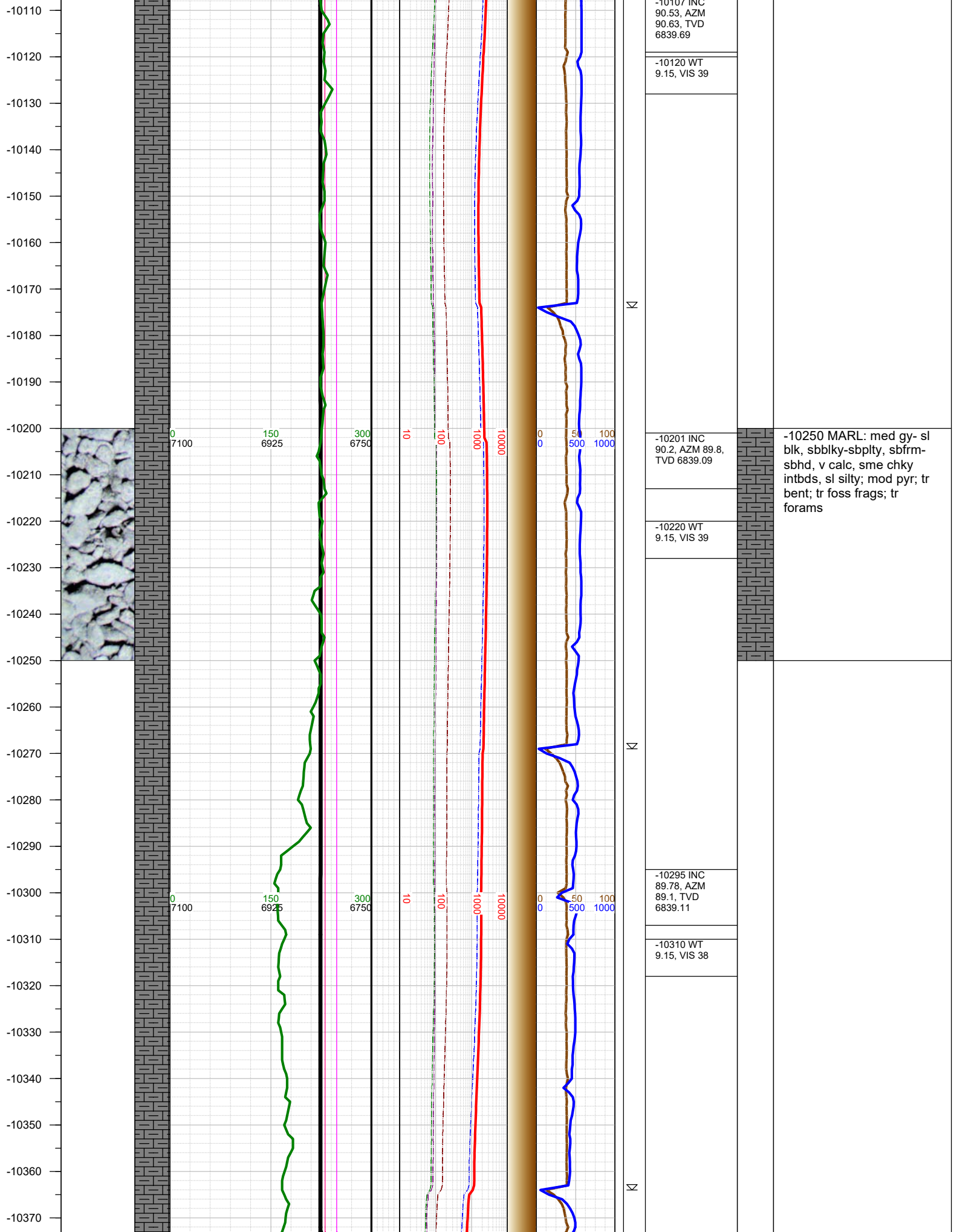
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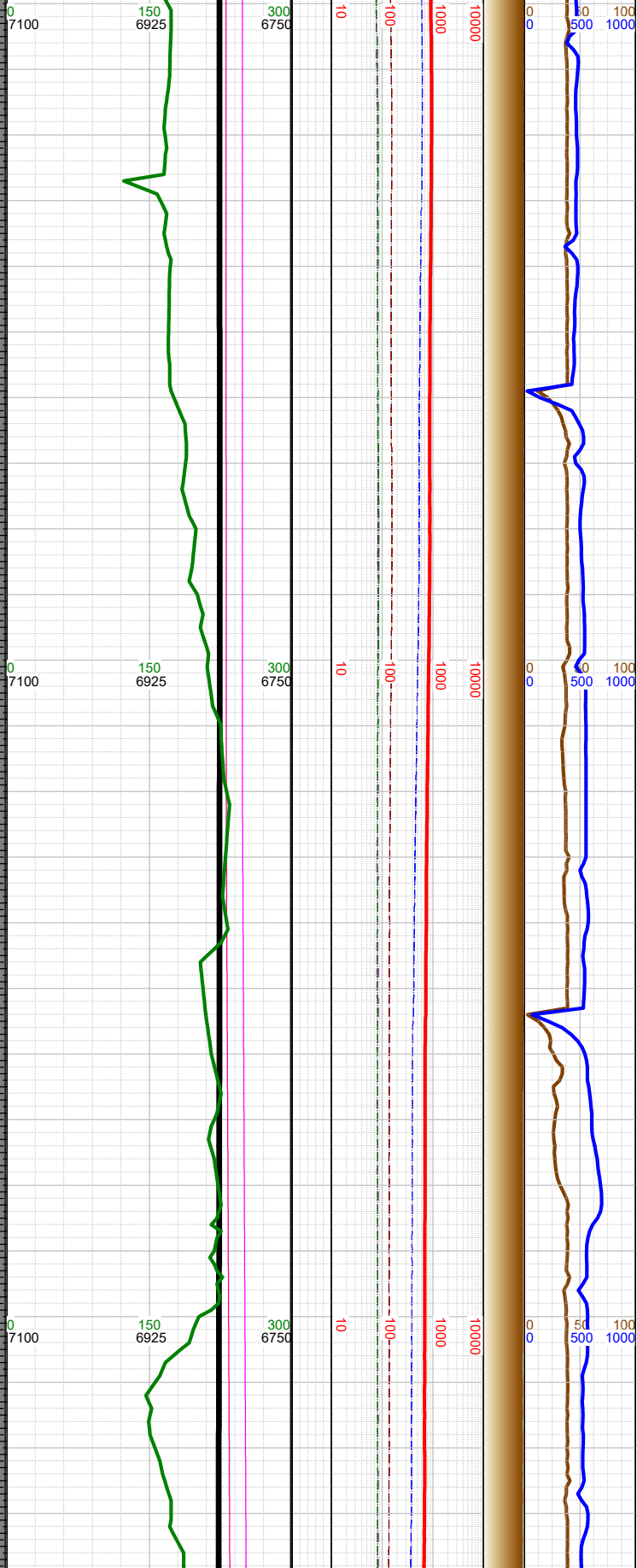
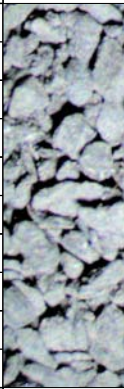
-10000 WT
9.15, VIS 39

-10012 INC
91.89, AZM
89.26, TVD
6841.7

⌵



-10380
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-10390 INC
90.1, AZM
88.33, TVD
6839.21

-10410 WT
9.15, VIS 38

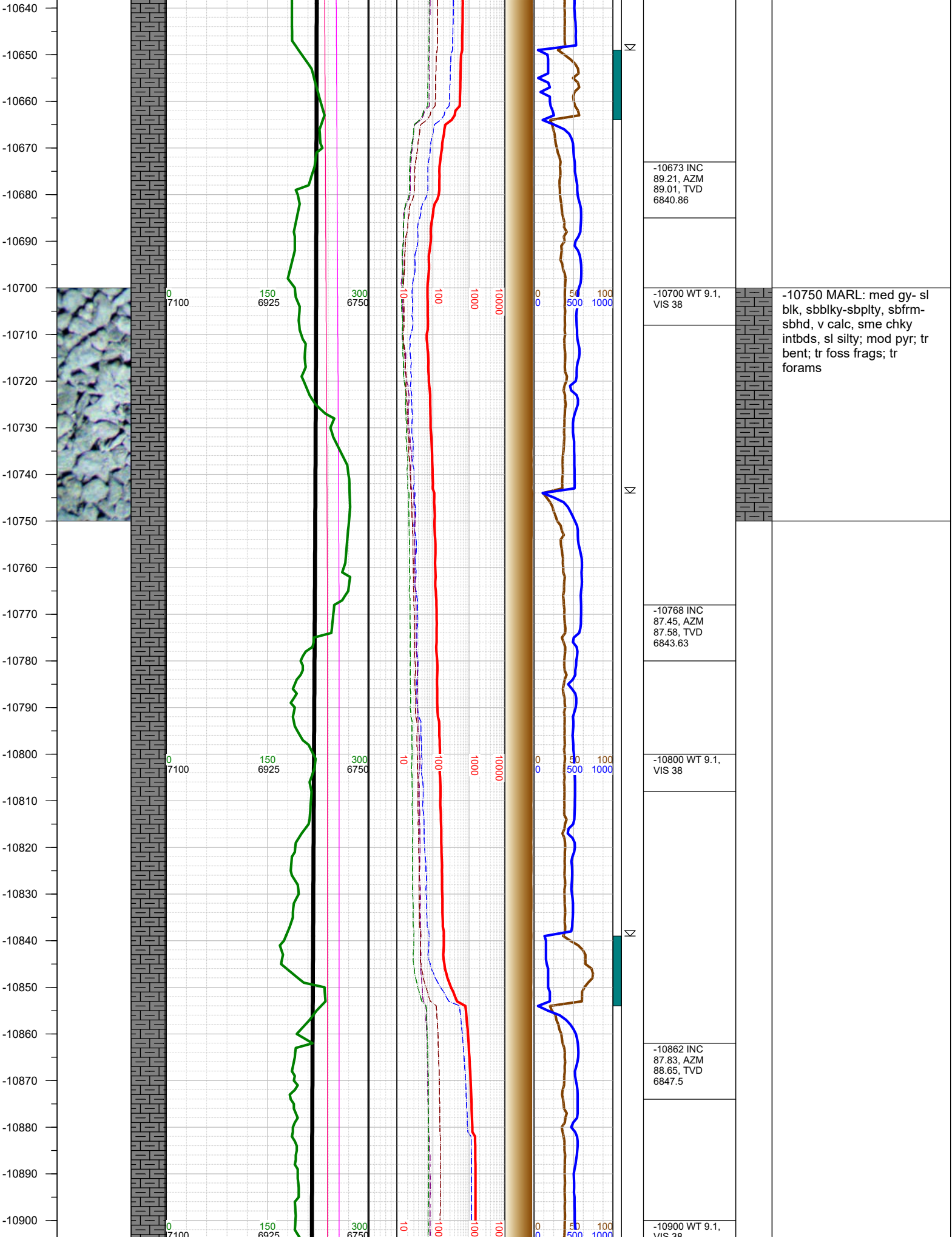
-10484 INC
90.07, AZM
88.4, TVD
6839.07

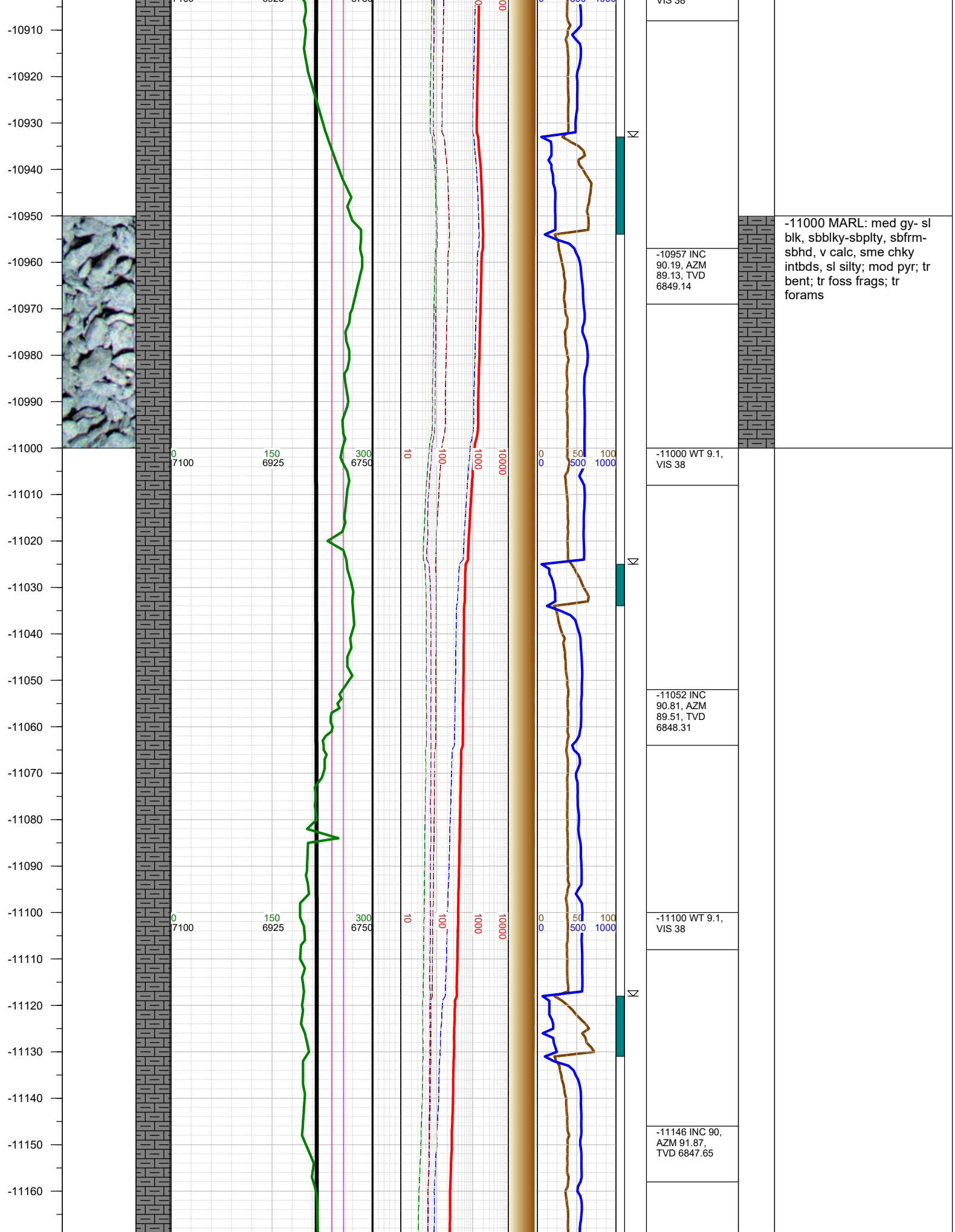
-10500 WT
9.15, VIS 38

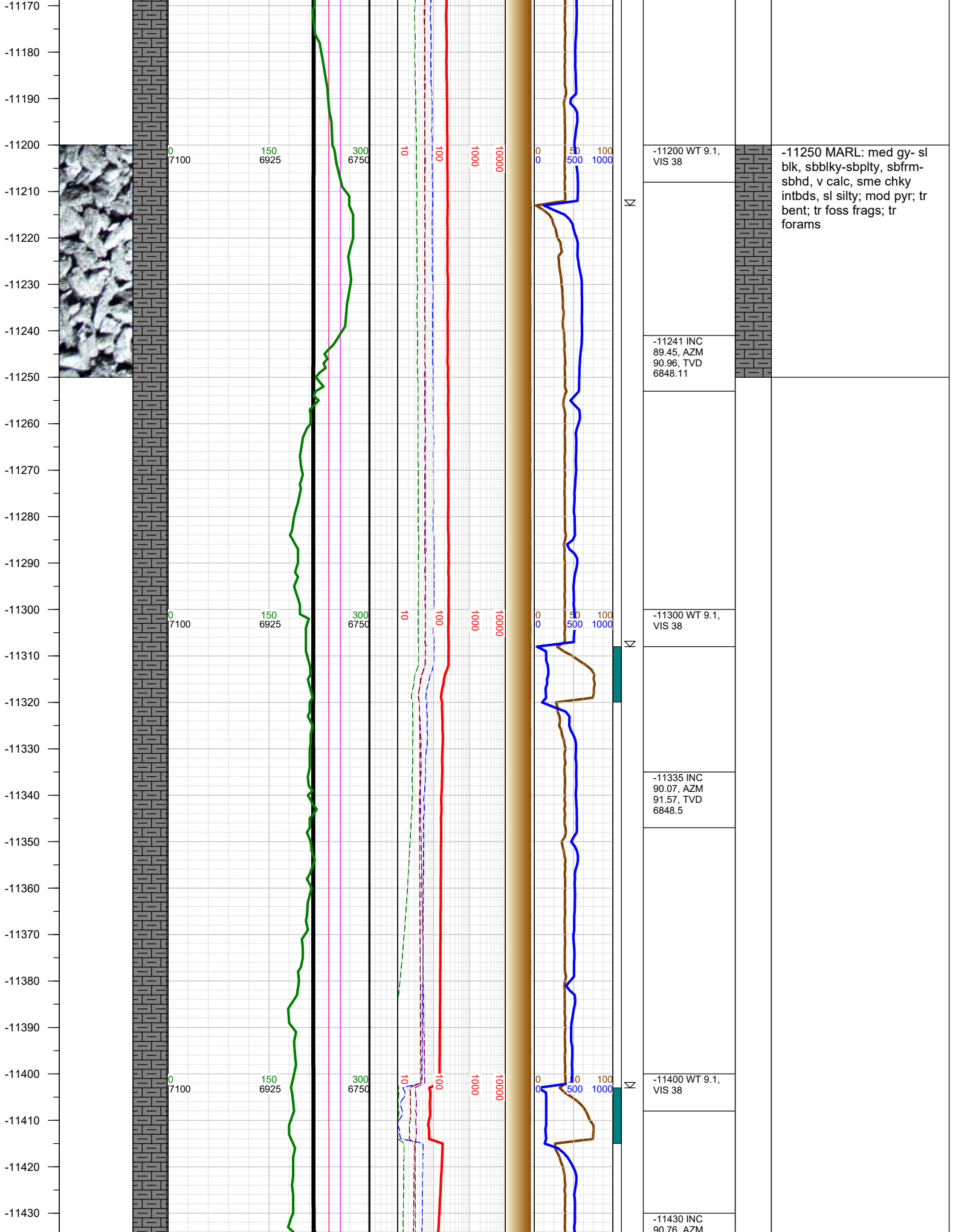
-10579 INC
89.27, AZM
87.87, TVD
6839.62

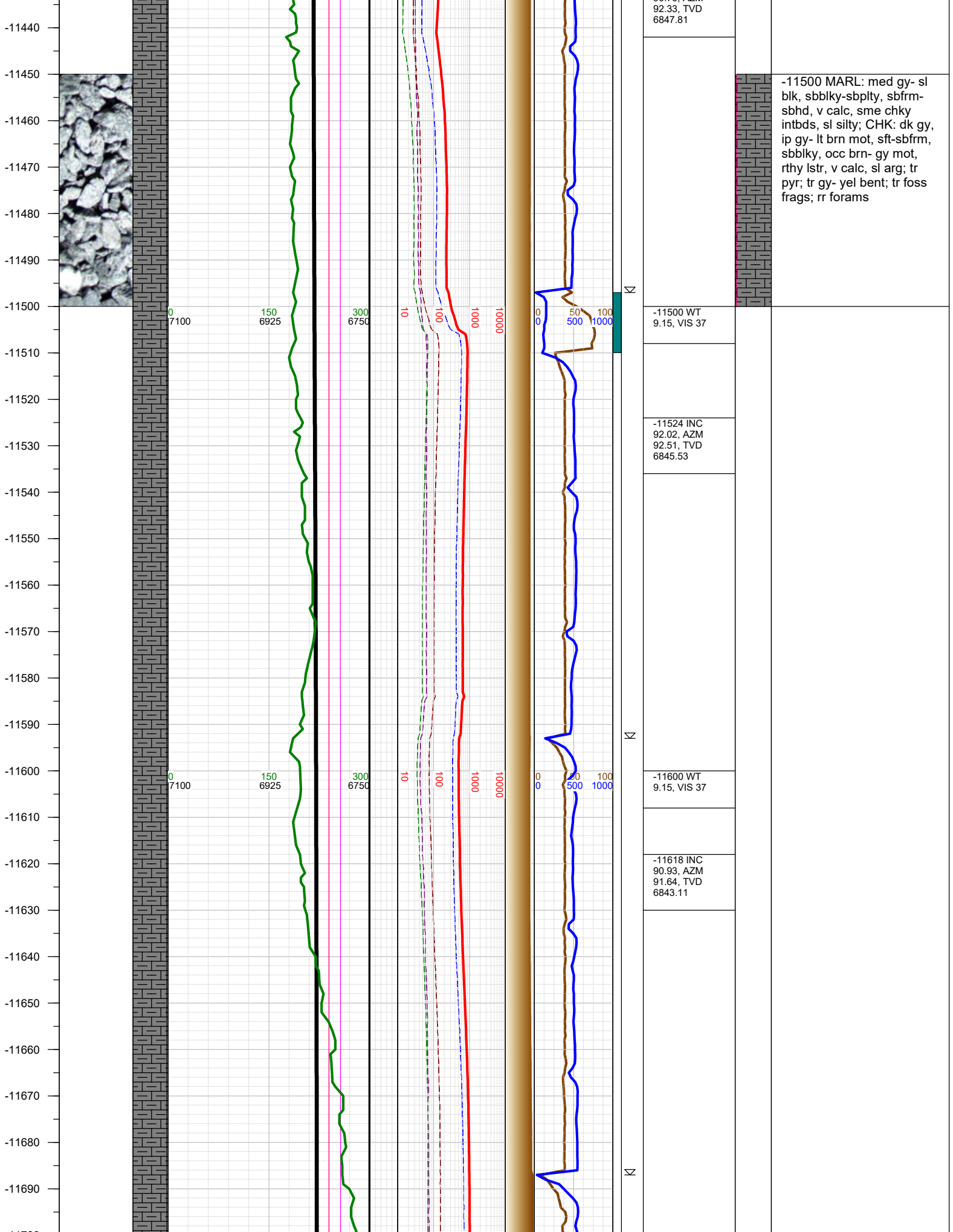
-10600 WT 9.1,
VIS 38

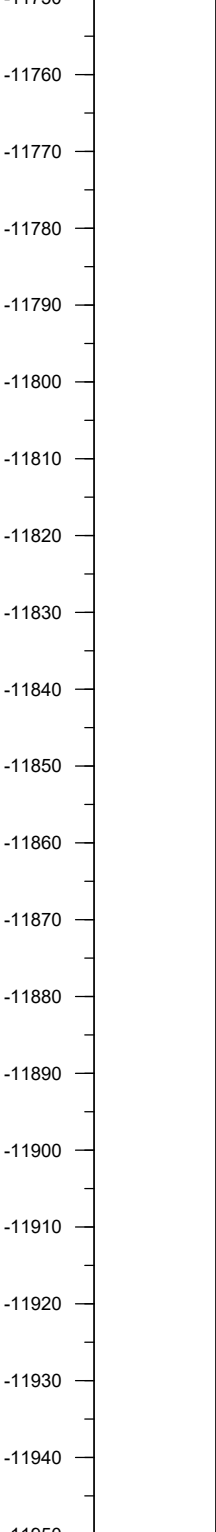
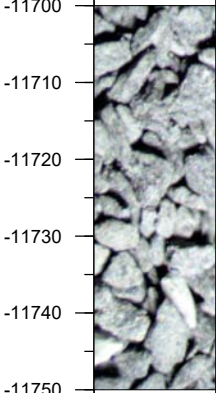
-10500 MARL: med gy- sl
blk, sbbiky-sbply, sbfrm-
sbhd, v calc, sme chky
intbds, sl silty; tr pyr; rr
bent; tr foss frags; tr
forams







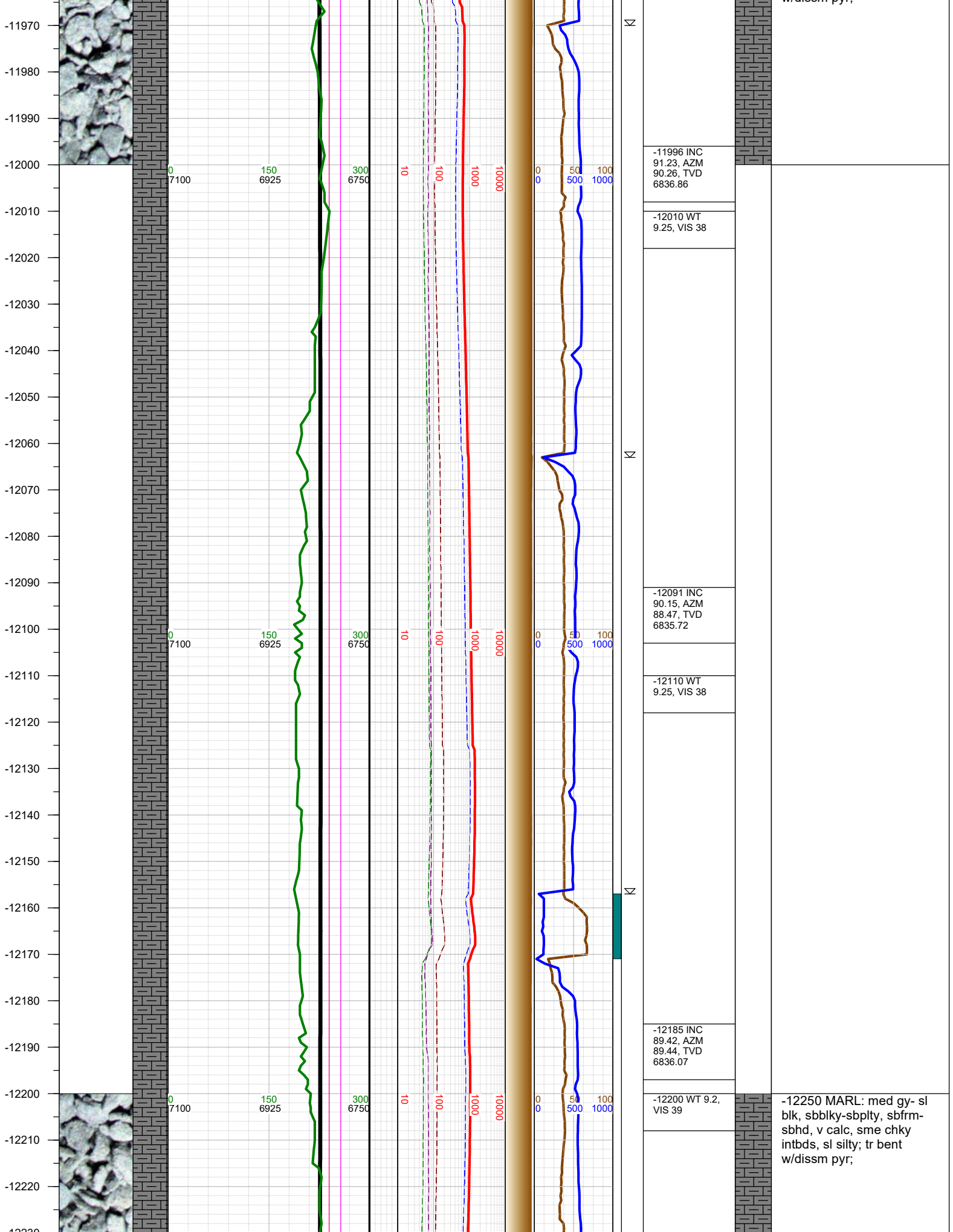


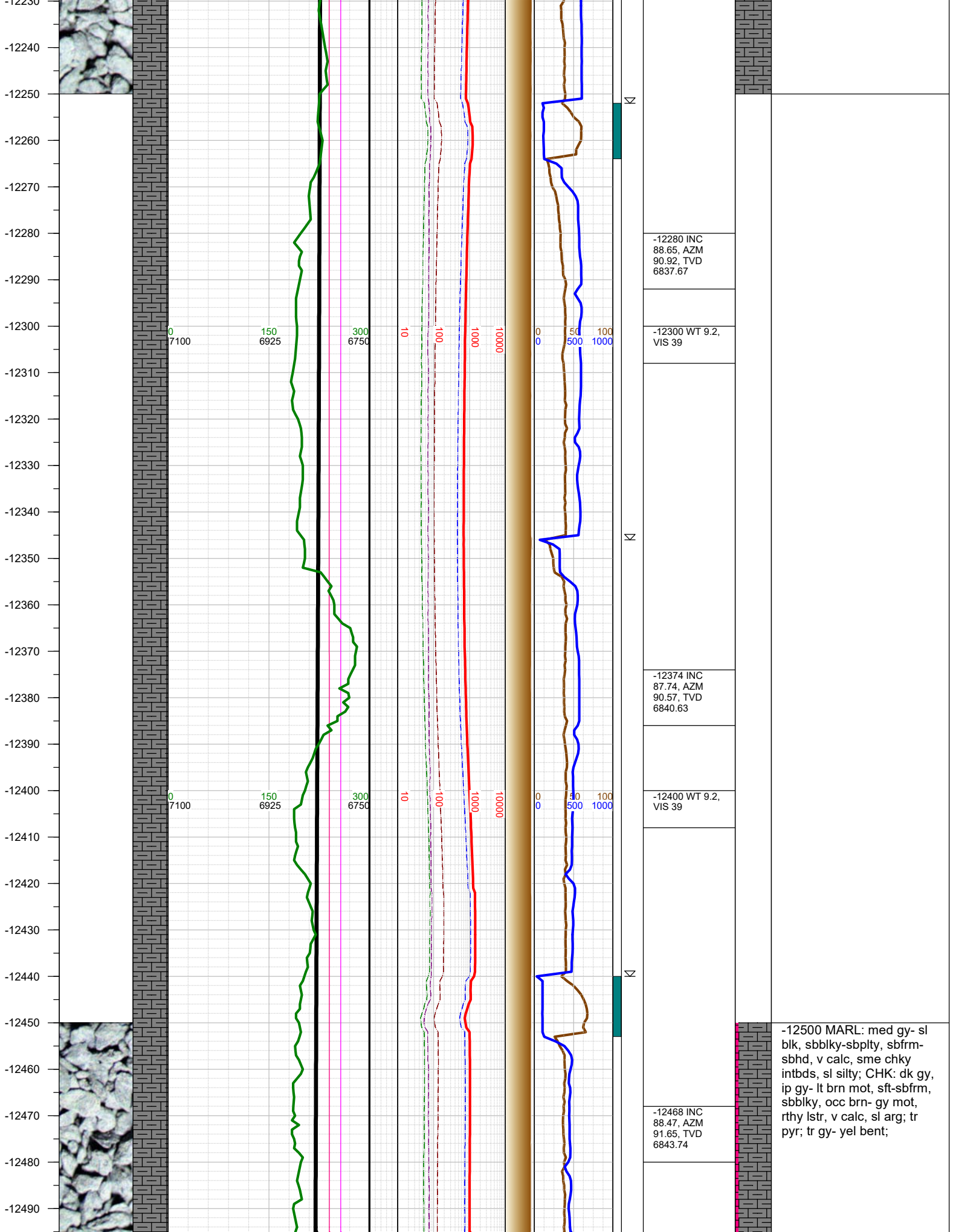


-11700 WT 9.15, VIS 37
-11713 INC 90.35, AZM 91.11, TVD 6842.05
-11807 INC 91.13, AZM 89.13, TVD 6840.84
-11820 WT 9.15, VIS 37
-11902 INC 91.23, AZM 90.76, TVD 6838.88
-11920 WT 9.25, VIS 38

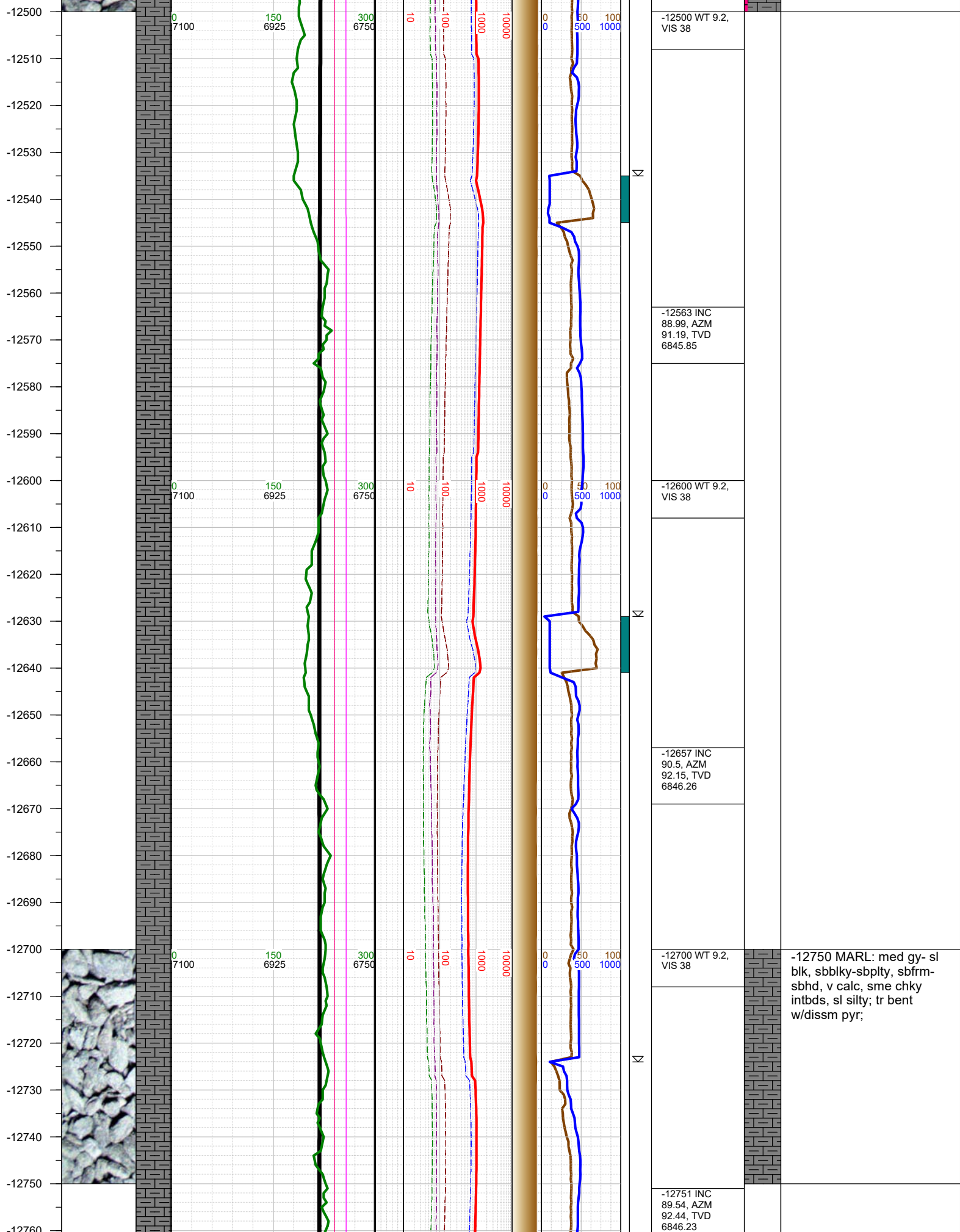
-11750 MARL: med gy- sl
blk, sbblky-sbply, sbfrm-
sbhd, v calc, sme chky
intbds, sl silty; tr bent
w/dissm pyr; tr fos frags;

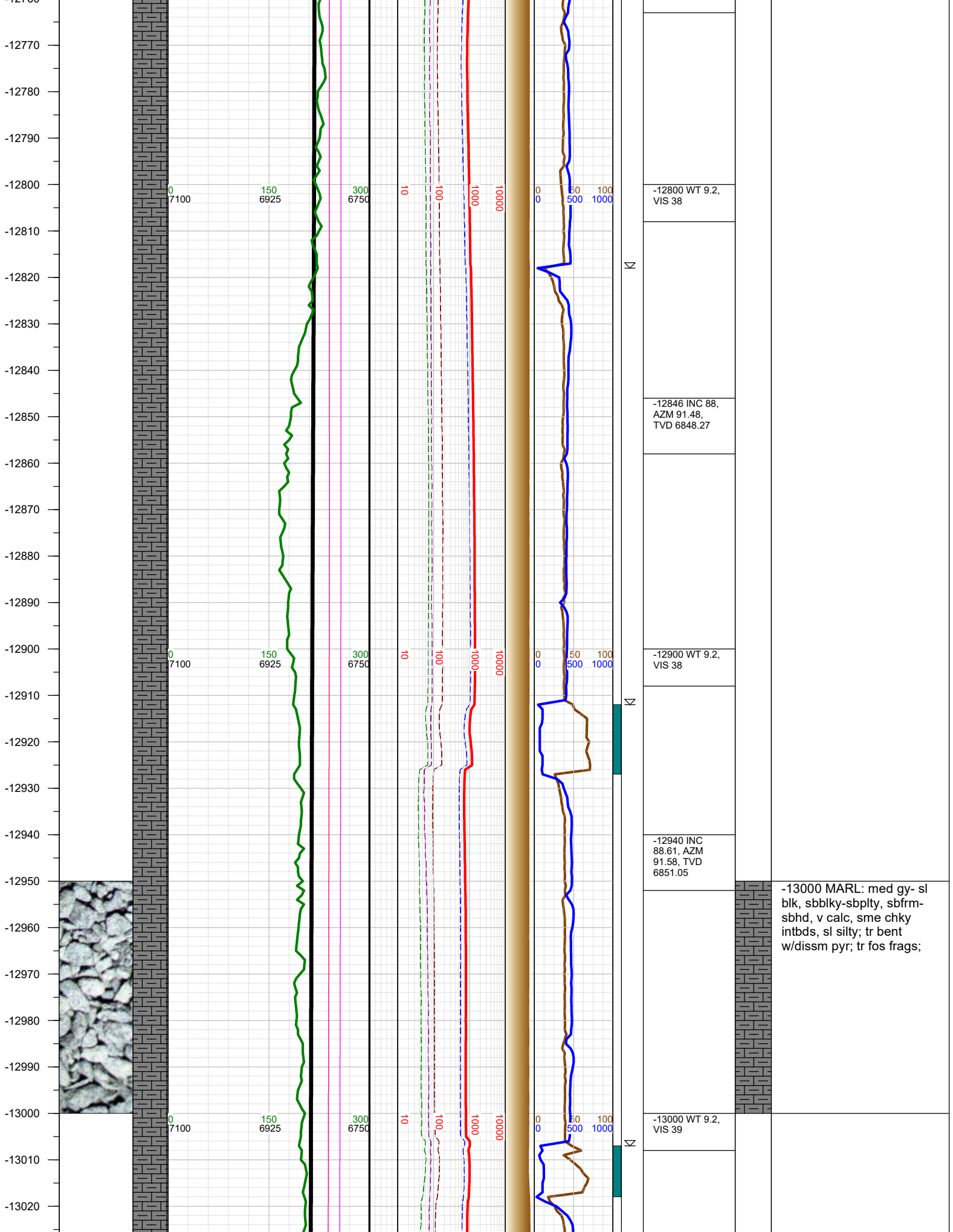
-12000 MARL: med gy- sl
blk, sbblky-sbply, sbfrm-
sbhd, v calc, sme chky
intbds, sl silty; tr bent
w/dissm pyr;

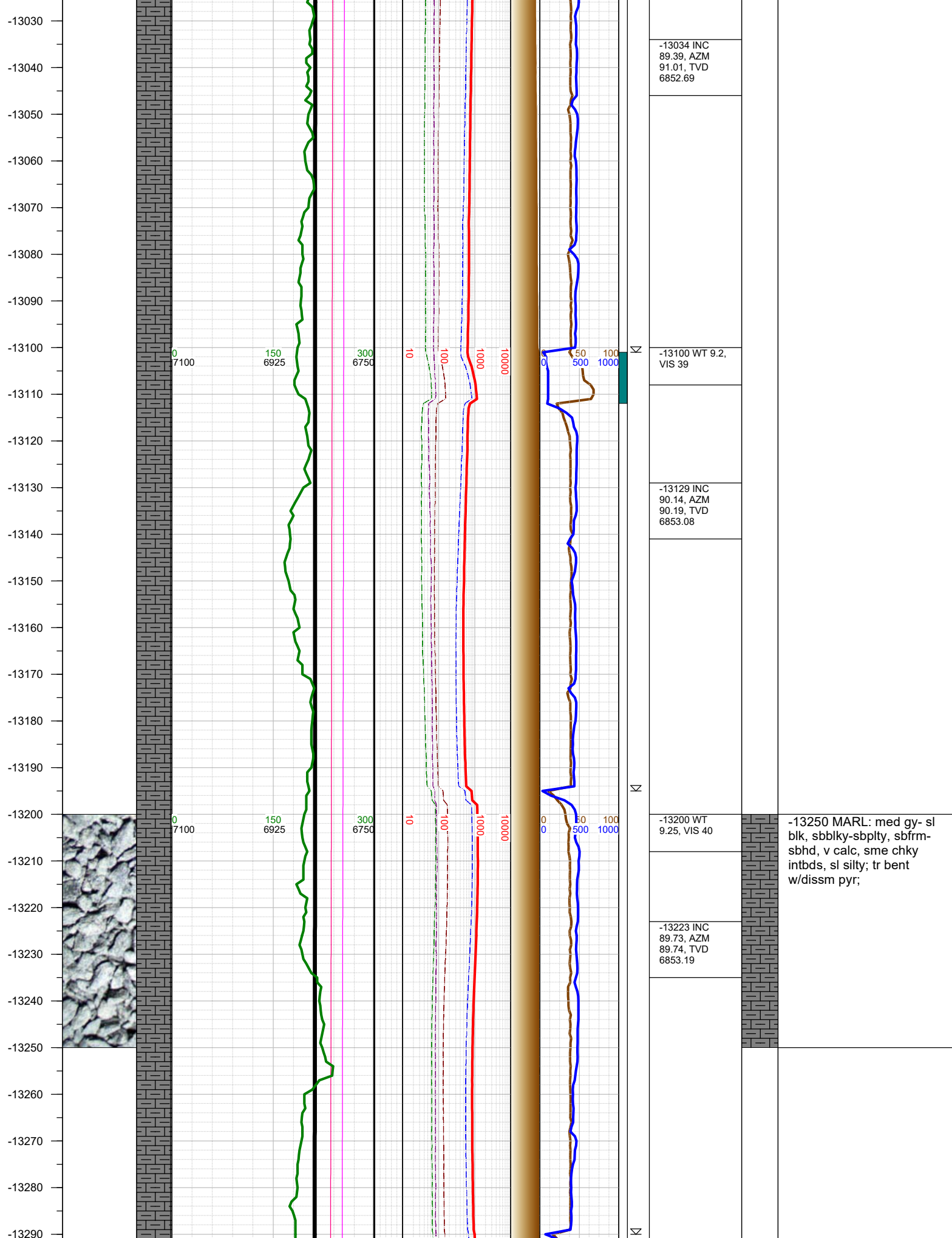


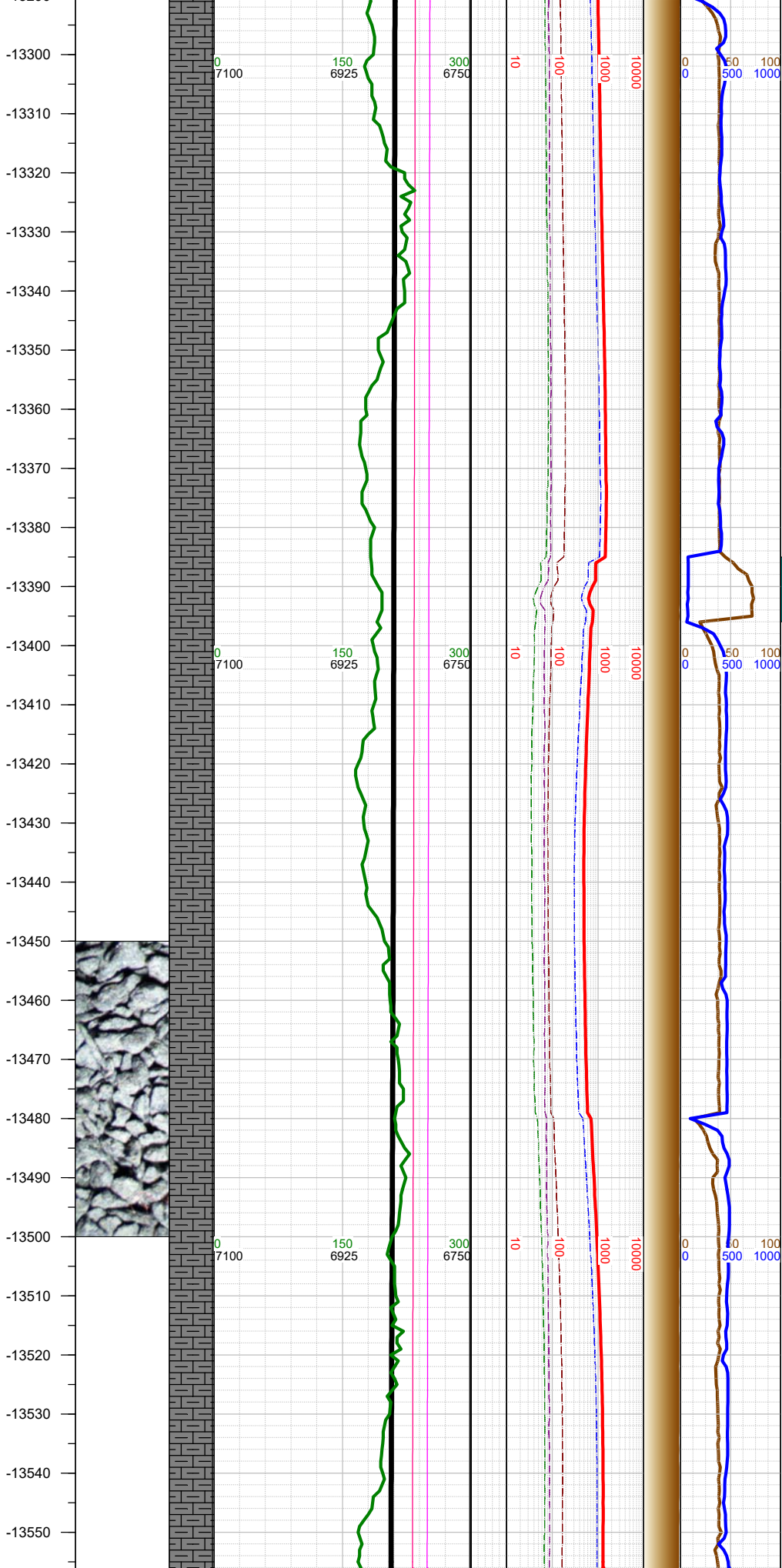


-12500 MARL: med gy- sl blk, sbblky-sbply, sbfrm-sbhd, v calc, sme chky intbds, sl silty; CHK: dk gy, ip gy- lt brn mot, sft-sbfrm, sbblky, occ brn- gy mot, rthy lstr, v calc, sl arg; tr pyr; tr gy- yel bent;



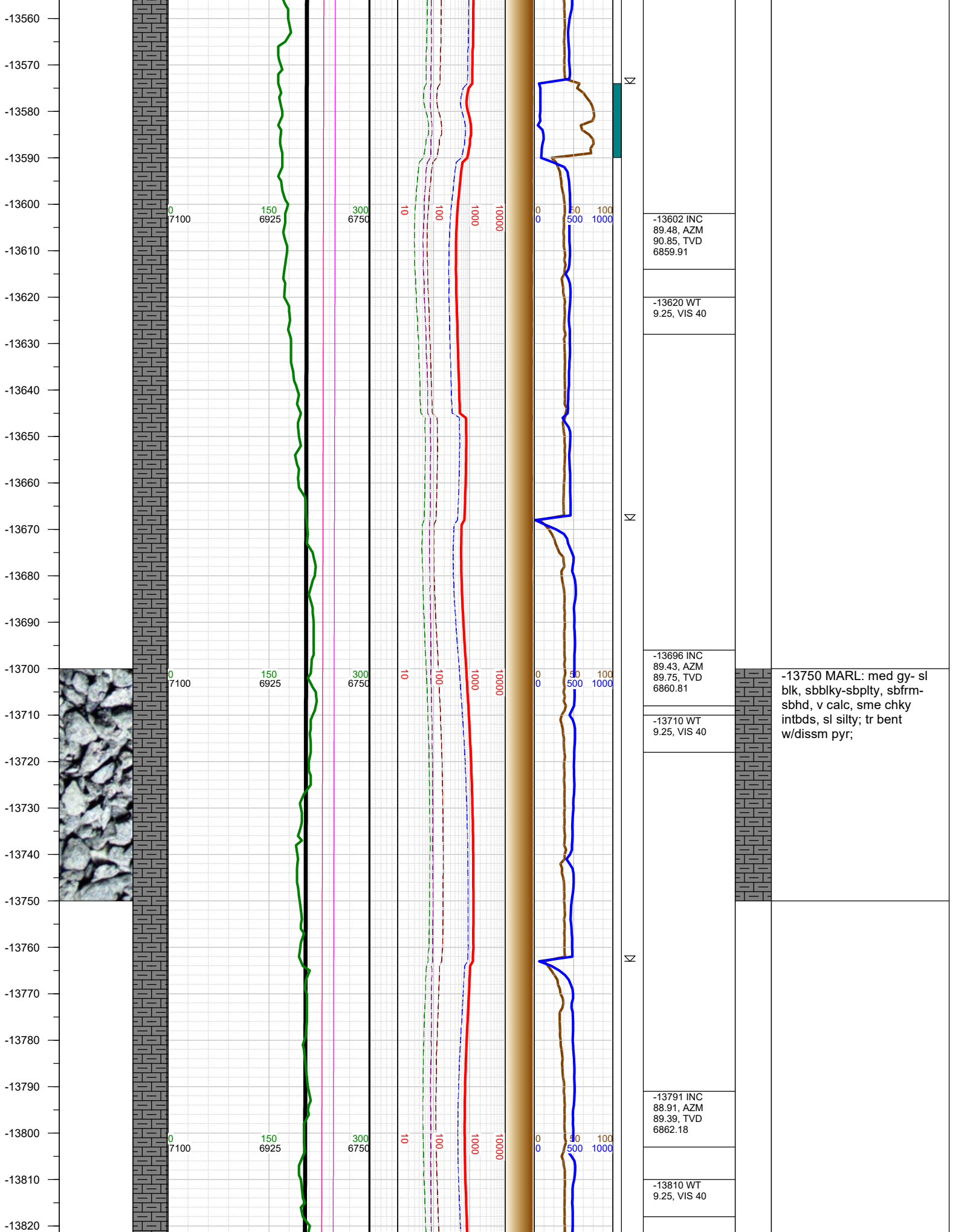




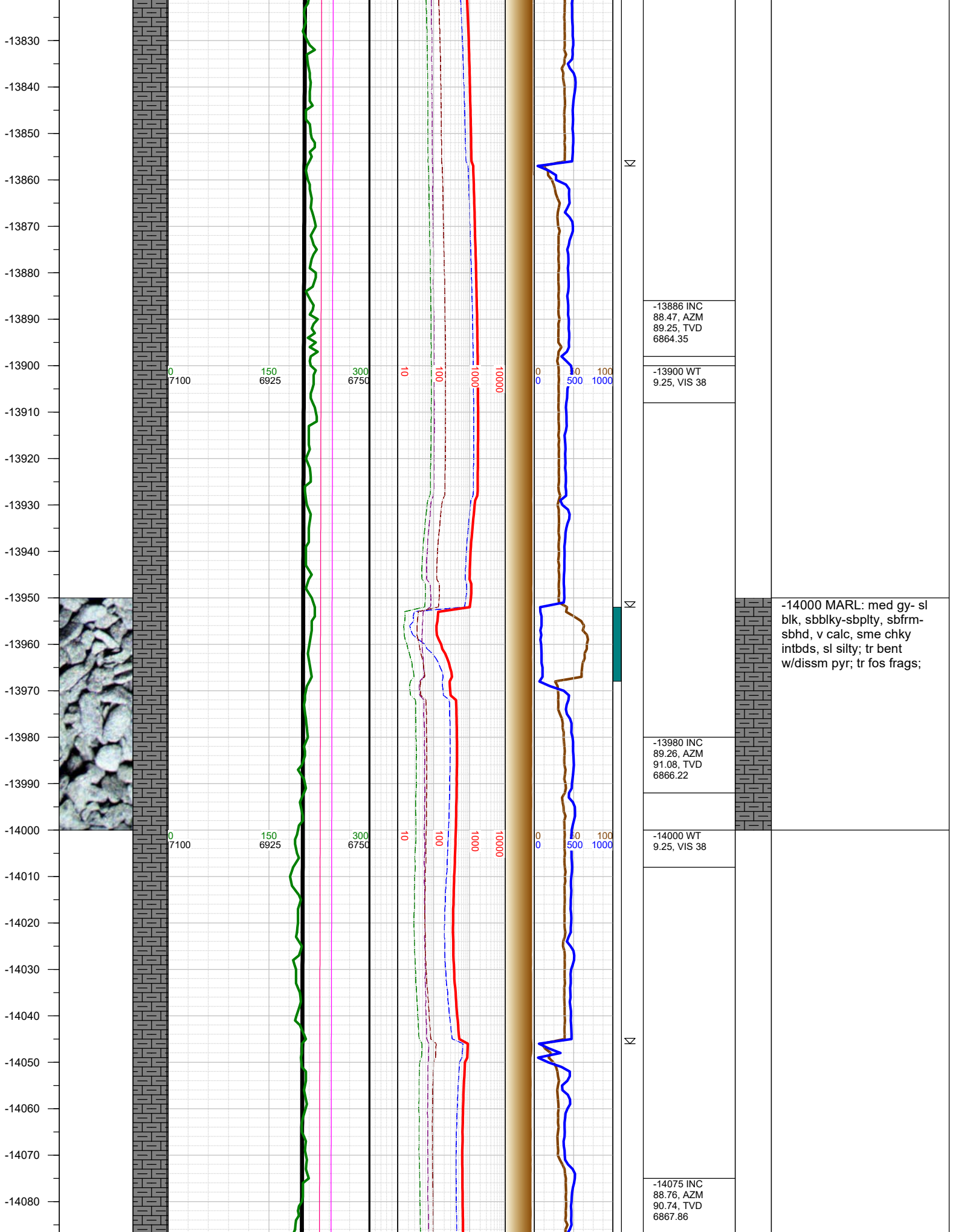


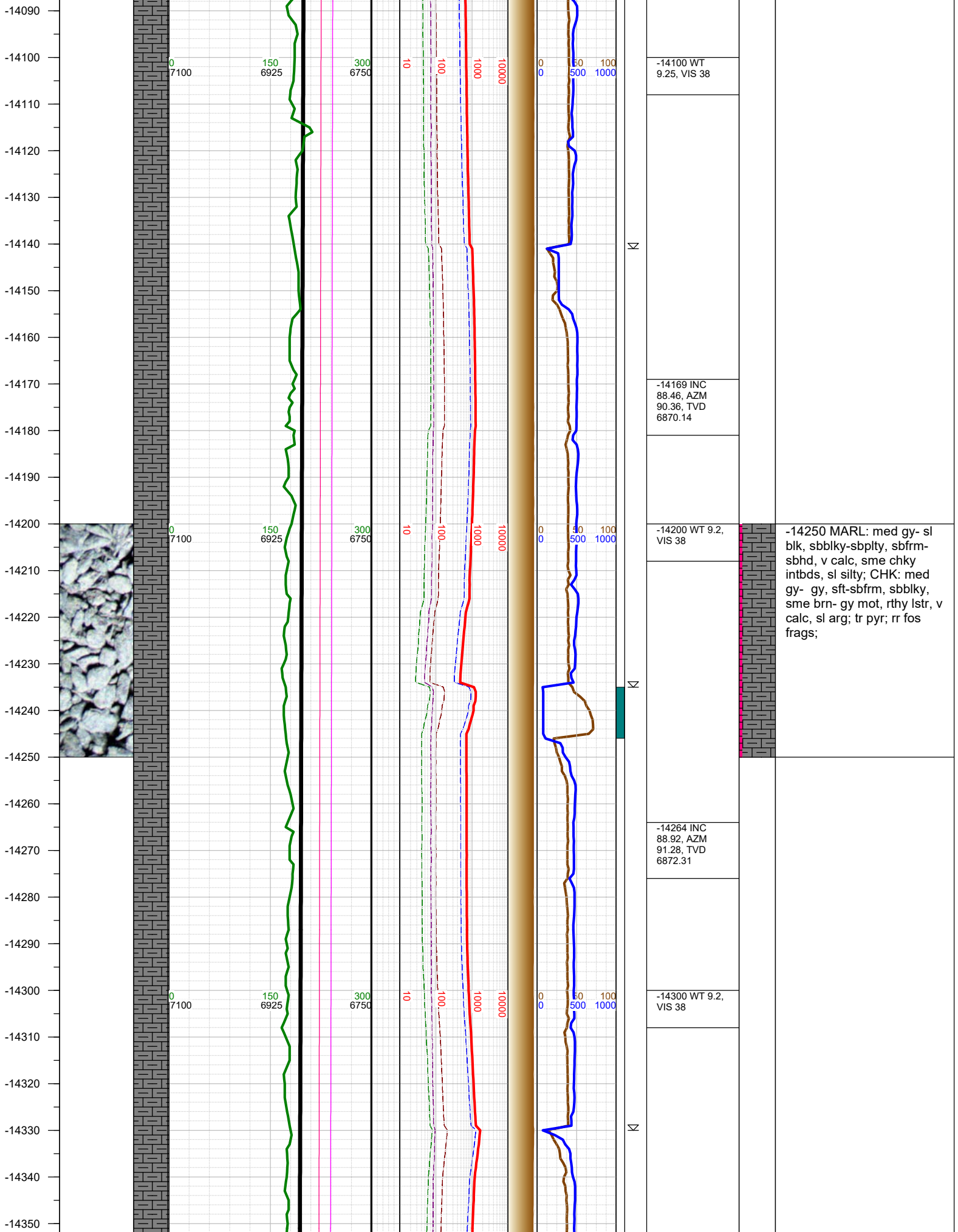
-13300 WT 9.25, VIS 40
-13318 INC 89.03, AZM 89.38, TVD 6854.22
-13400 WT 9.25, VIS 40
-13412 INC 89.22, AZM 91.23, TVD 6855.65
-13507 INC 88.08, AZM 90.12, TVD 6857.89
-13520 WT 9.25, VIS 40

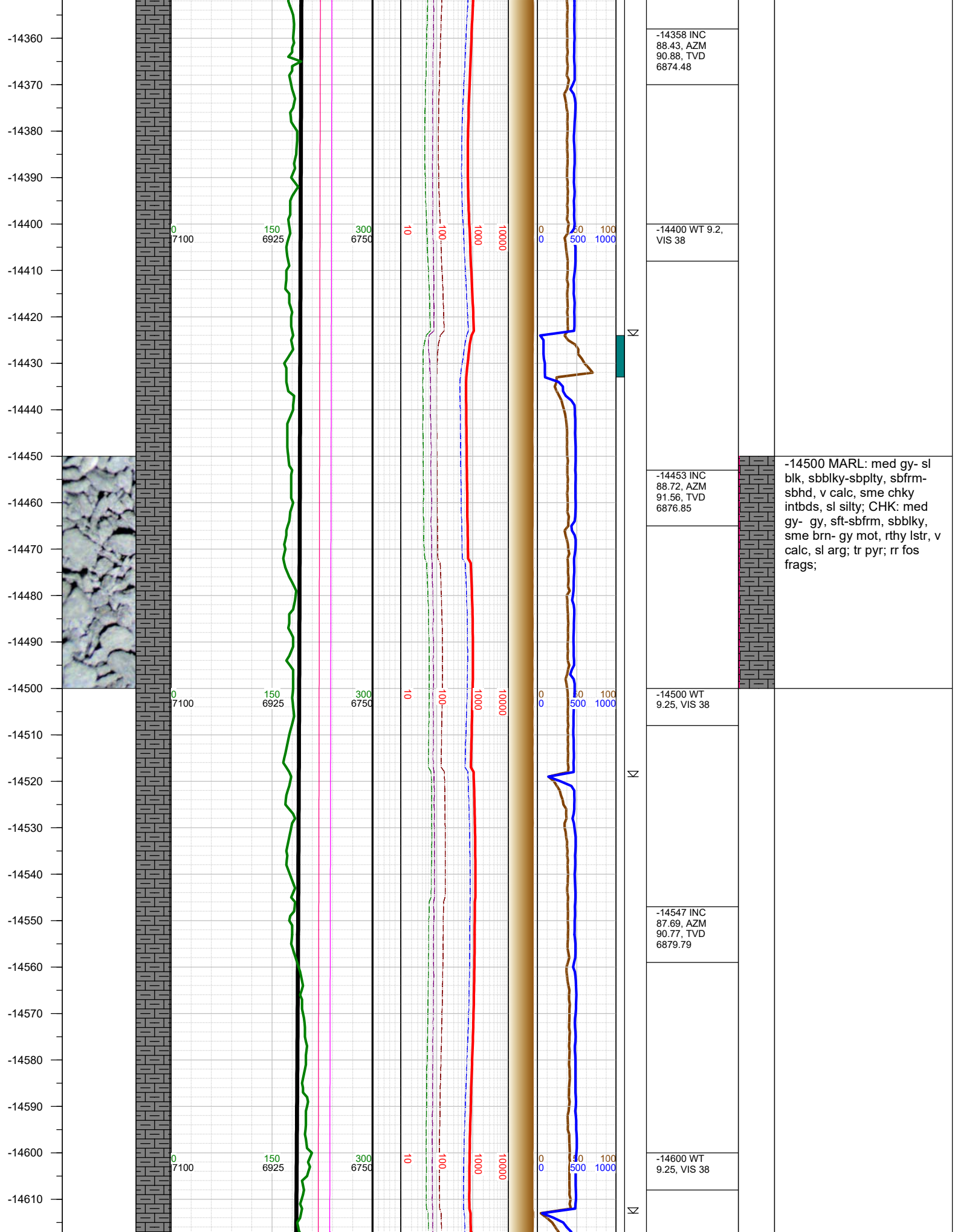
-13500 MARL: med gy- sl
blk, sbblky-sbplty, sbfrm-
sbhd, v calc, sme chky
intbds, sl silty; tr bent
w/dissm pyr;



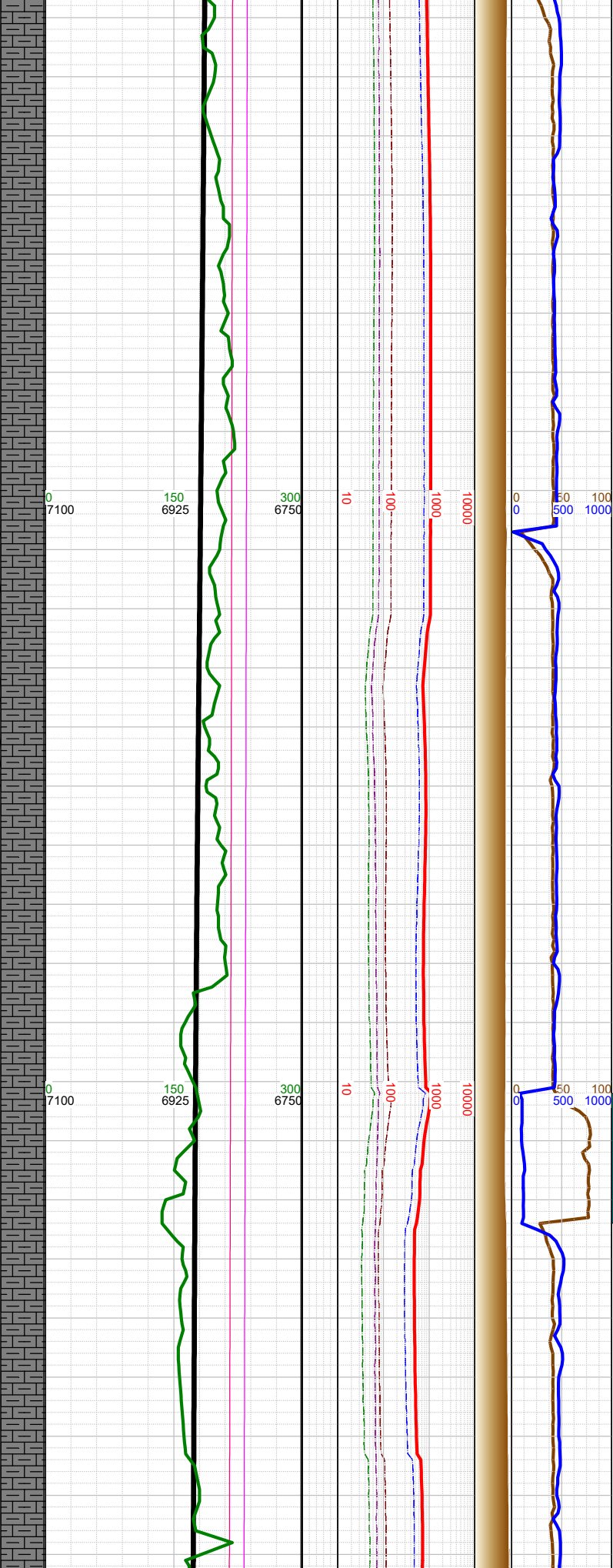
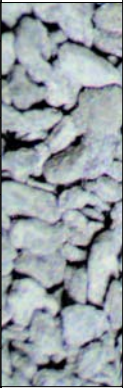
-13750 MARL: med gy- sl
blk, sbblky-sbply, sbfrm-
sbhd, v calc, sme chky
intbds, sl silty; tr bent
w/dissm pyr;



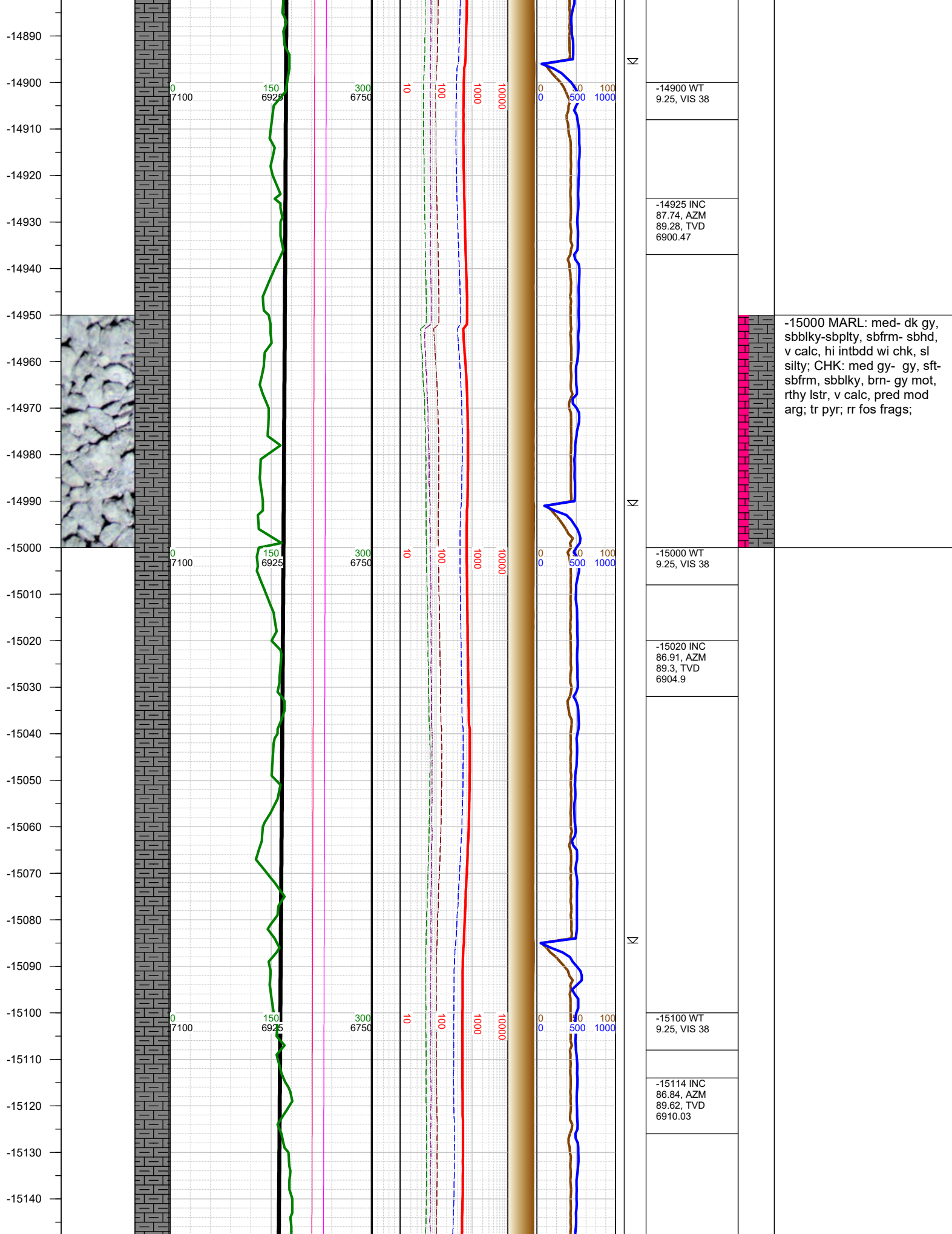


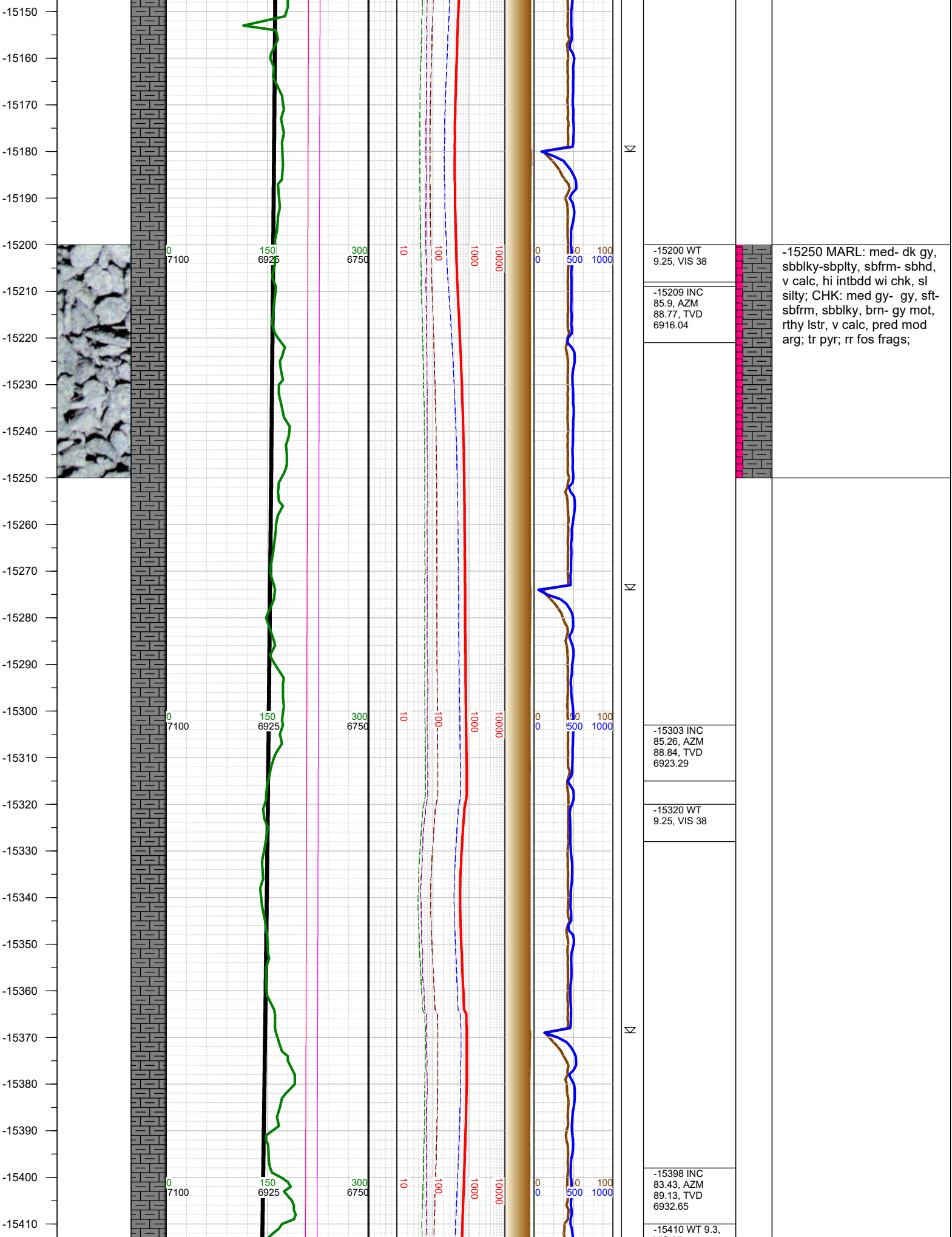


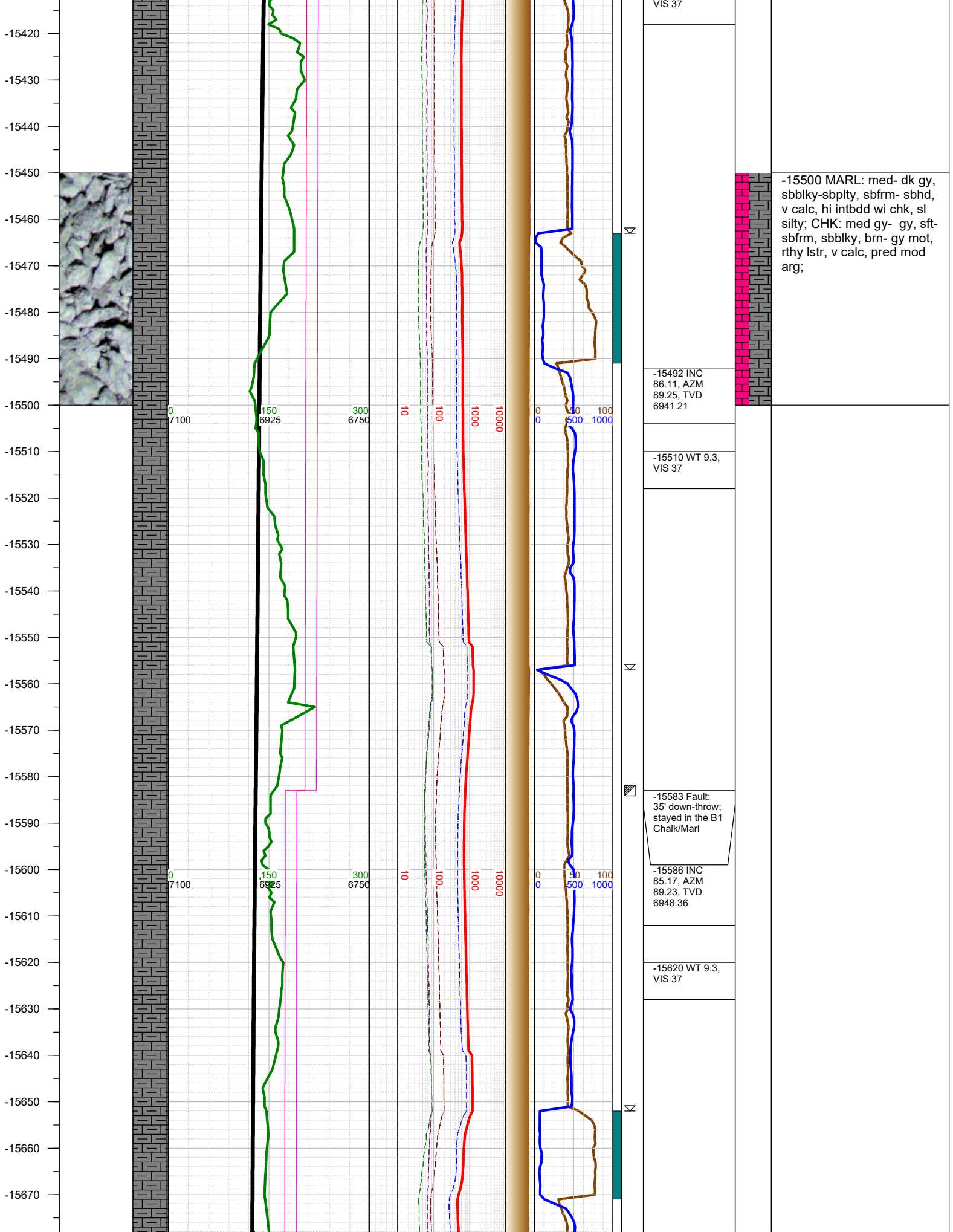
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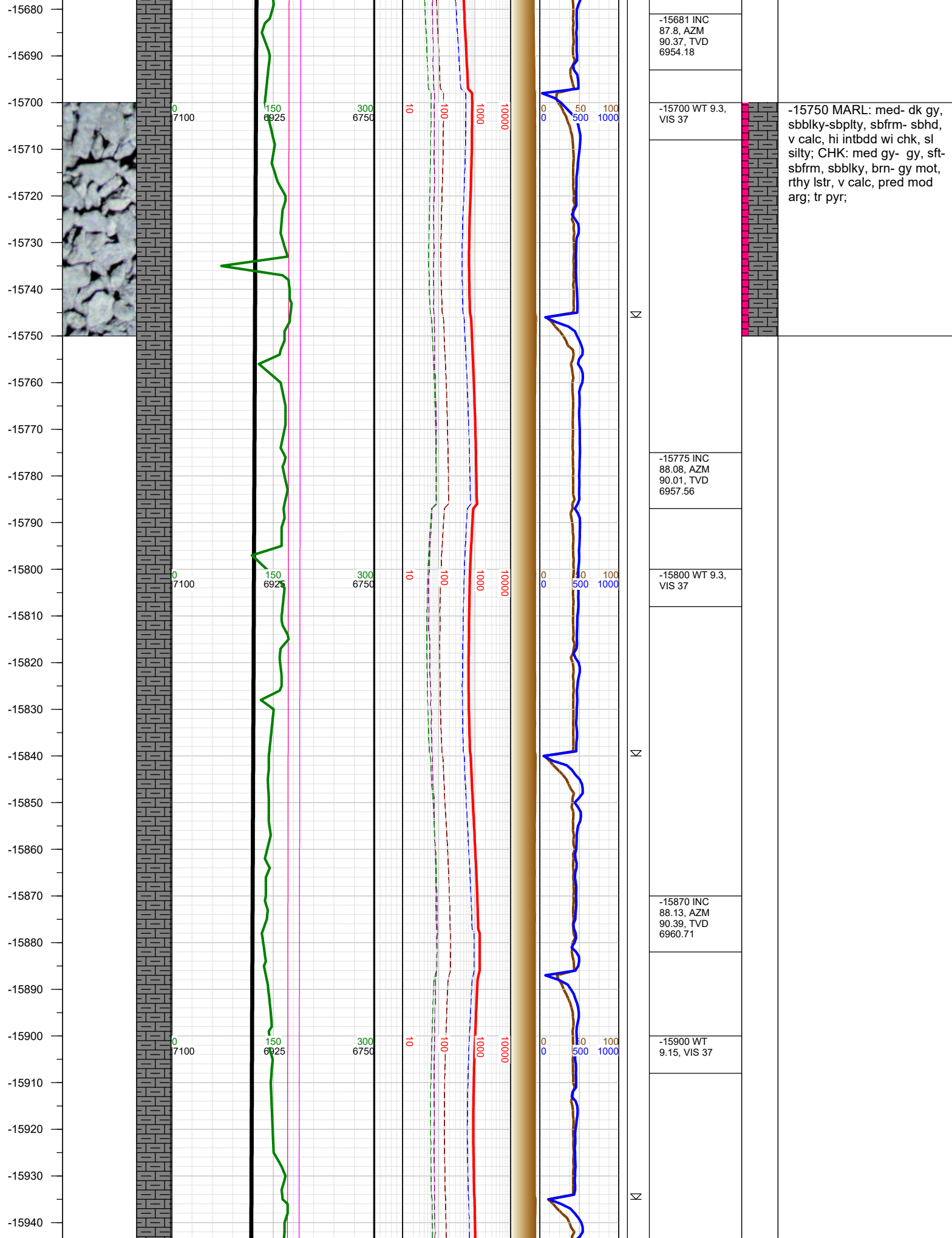


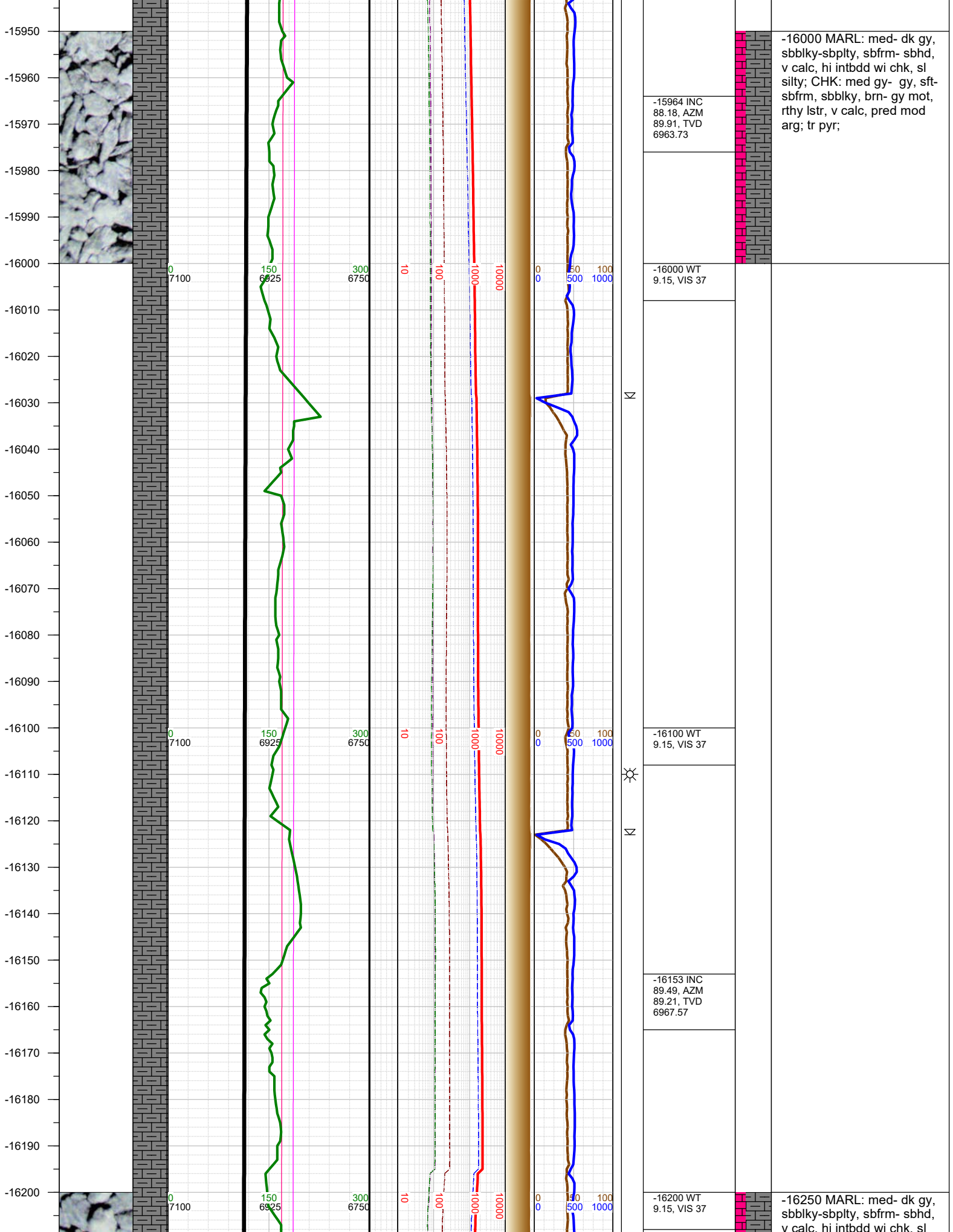
Σ	-14641 INC 86.48, AZM 91.06, TVD 6884.57	
	-14700 WT 9.25, VIS 38	-14750 MARL: med gy- sl blk, sbblky-sbply, sbfrm- sbhd, v calc, sme chky intbds, sl silty; CHK: med gy- gy, sft-sbfrm, sbblky, sme brn- gy mot, rthy lstr, v calc, sl arg; tr pyr; rr fos frags;
	-14736 INC 85.33, AZM 90.75, TVD 6891.35	
Σ	-14800 WT 9.25, VIS 38	
	-14830 INC 87.93, AZM 90.06, TVD 6896.88	

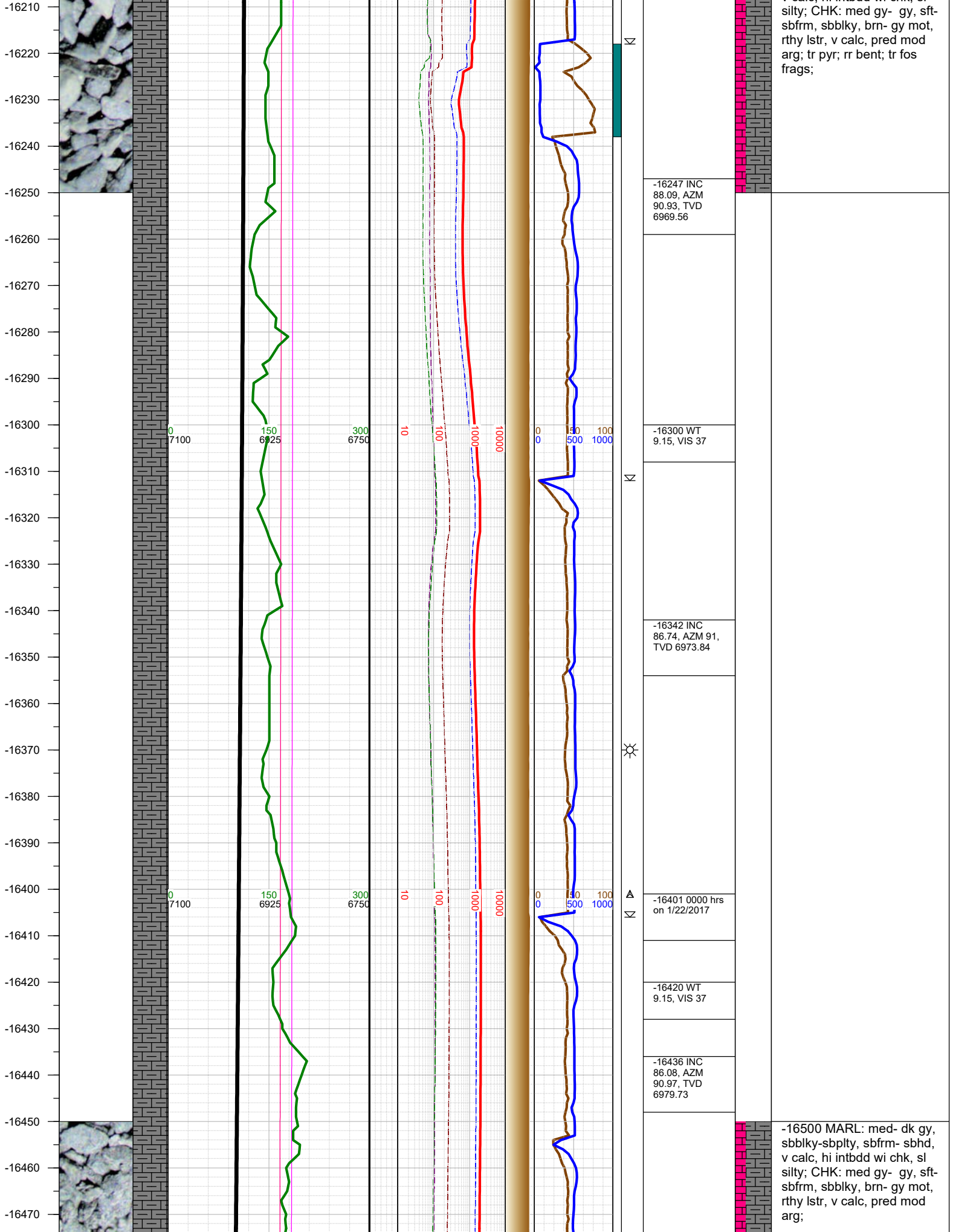








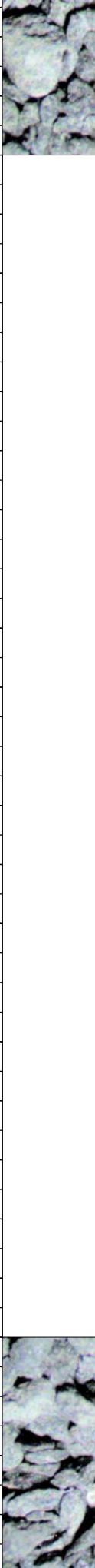




silty; CHK: med gy- gy, sft-sbfrm, sbblky, brn- gy mot, rthy lstr, v calc, pred mod arg; tr pyr; rr bent; tr fos frags;

-16500 MARL: med- dk gy, sbblky-sbplty, sbfrm- sbhd, v calc, hi intbdd wi chk, sl silty; CHK: med gy- gy, sft-sbfrm, sbblky, brn- gy mot, rthy lstr, v calc, pred mod arg;

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150 6925
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10000
10000
10000
10000

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0 0
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0 0

50 500
50 500
50 500
50 500

100 1000
100 1000
100 1000
100 1000



-16496 Fault:
12' down-throw;
stayed in the B1
Chalk/Marl

-16520 WT 9.1,
VIS 36

-16531 INC
85.39, AZM
91.4, TVD
6986.79

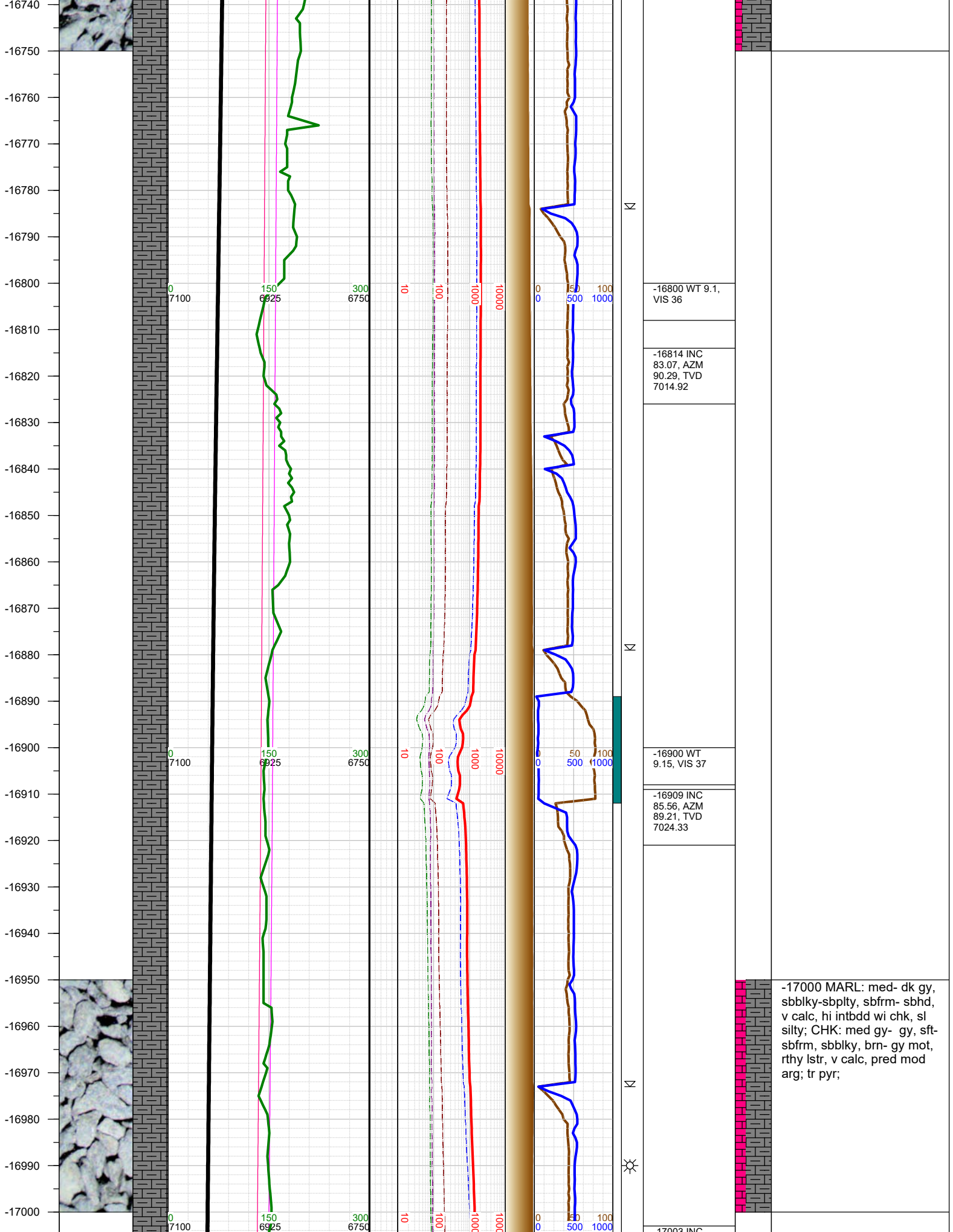
-16600 WT 9.1,
VIS 36

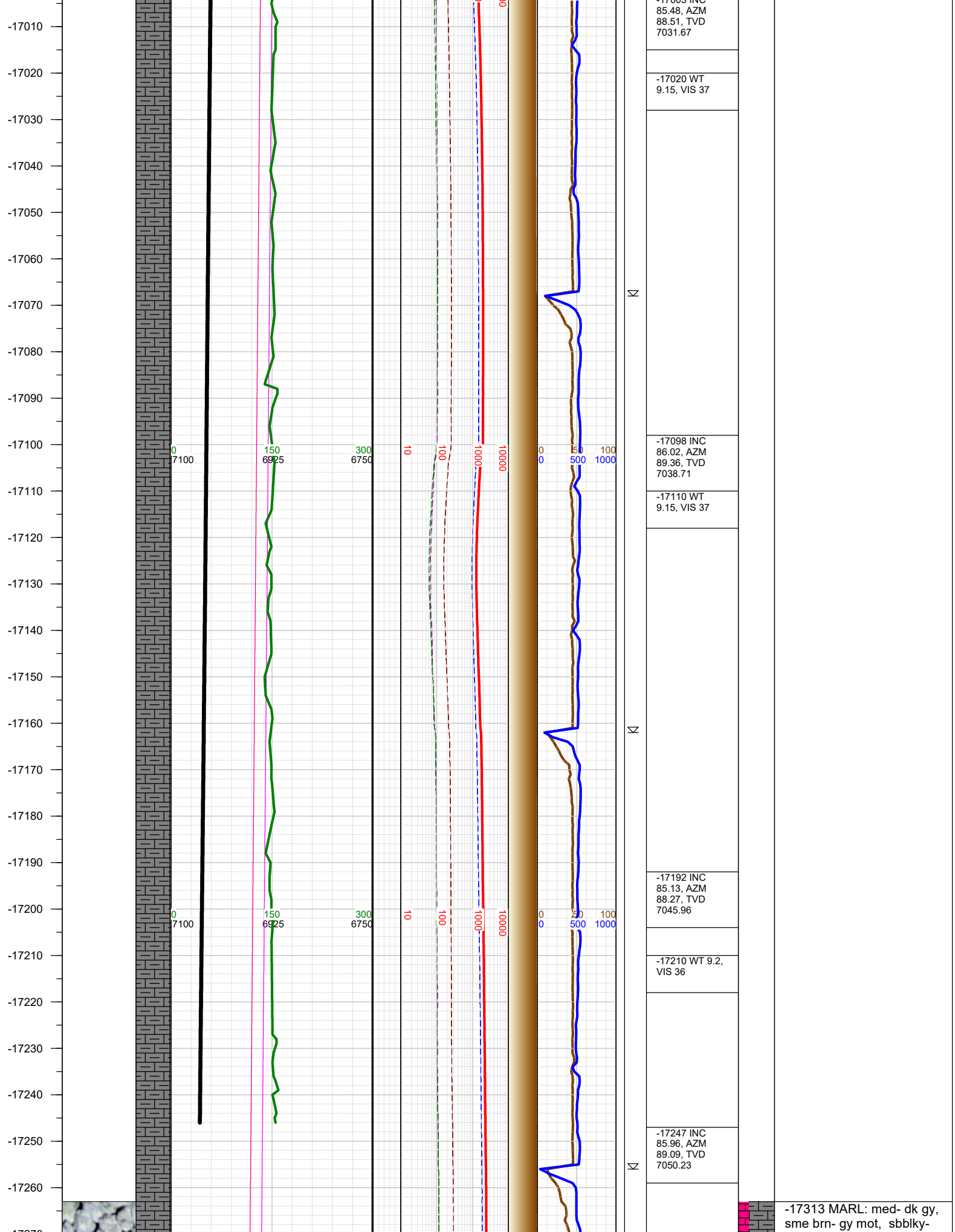
-16625 INC
84.83, AZM
90.28, TVD
6994.81

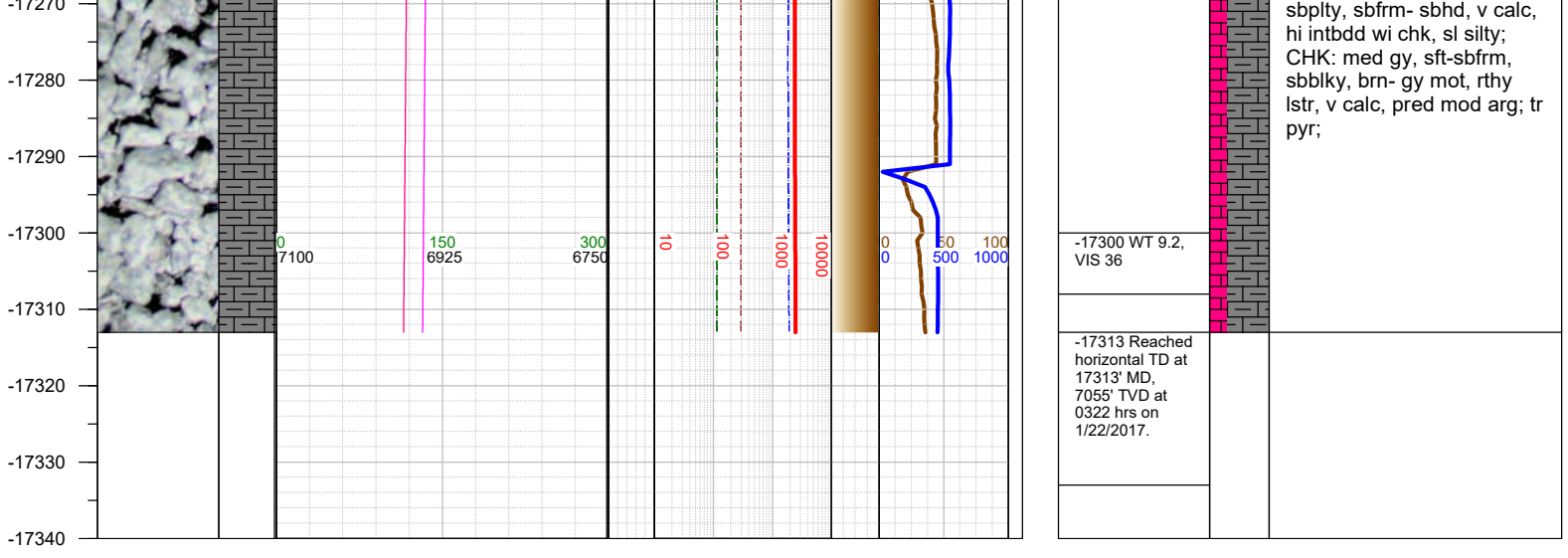
-16700 WT 9.1,
VIS 36

-16719 INC
83.84, AZM
90.47, TVD
7004.09

-16750 MARL: dk gy,
sbblky-sbplty, sbfrm- sbhd,
v calc, mod chk intbds, sl
silty; CHK: med gy- gy, sft-
sbfrm, sbblky, brn- gy mot,
rthy lstr, v calc, pred mod
arg; tr pyr;







TOTAL DEPTH = 17313'

Thank you for using Earth Science Agency