

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

WELL NAME: **Leffler J-26-28HN**

FIELD NAME: DJ Basin - Wattenberg

DRILLING RIG: True 38

API #: 05-123-49488

LAT/LONG: 40.552687, -104.75321

SURFACE HOLE: NWNW S26-T7N-R66W, 250' FNL, 295' FWL

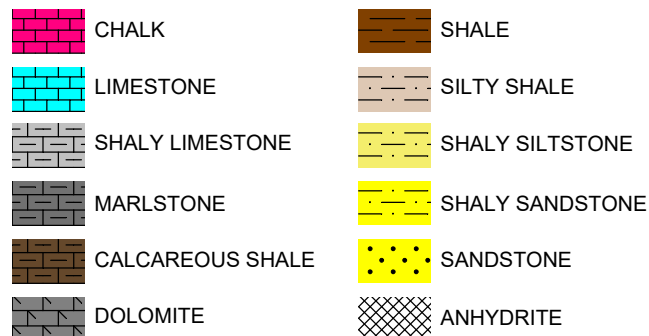
BOTTOM HOLE: S28-T7N-R66W, 2140' FNL, 5' FWL



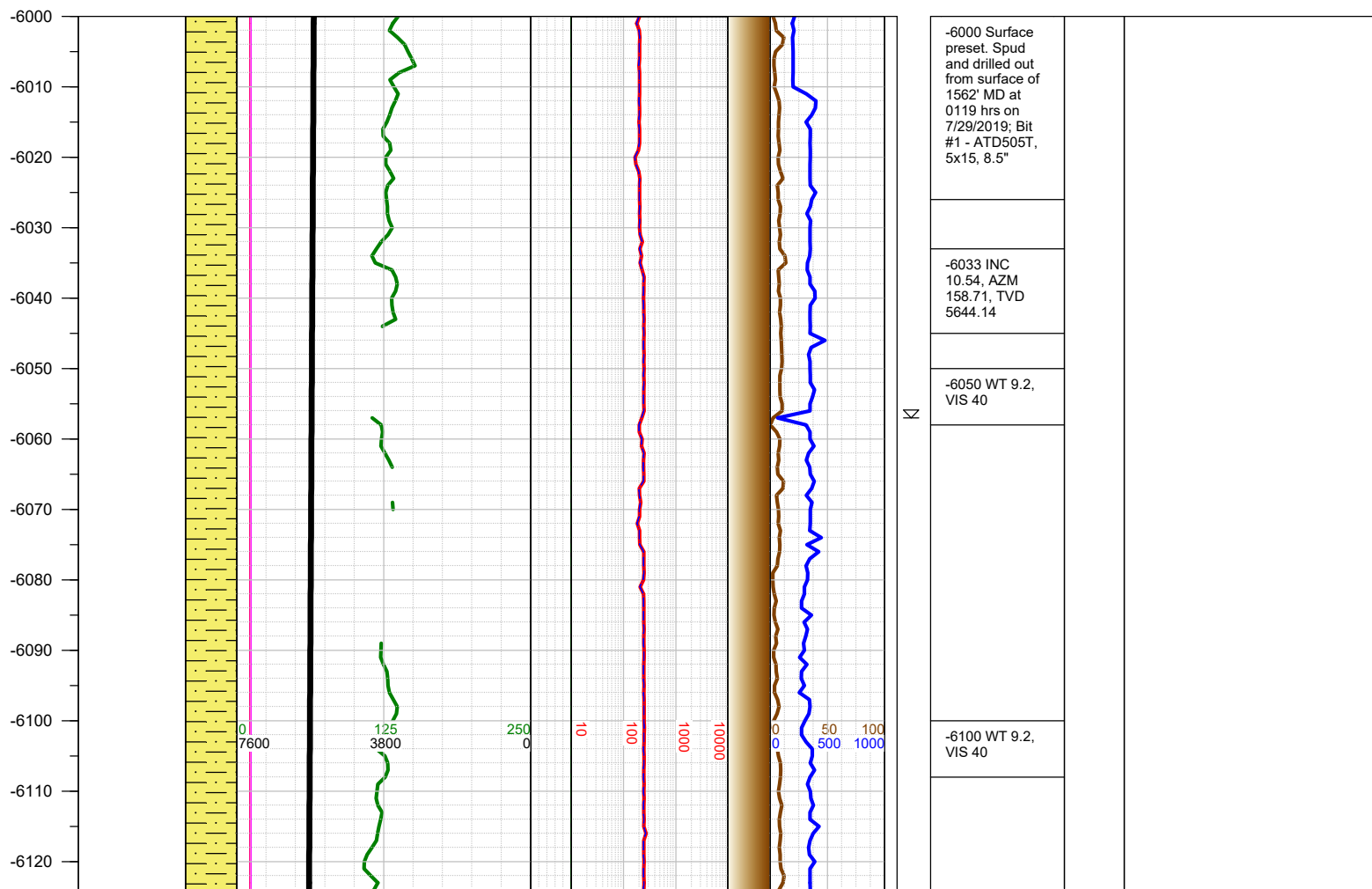
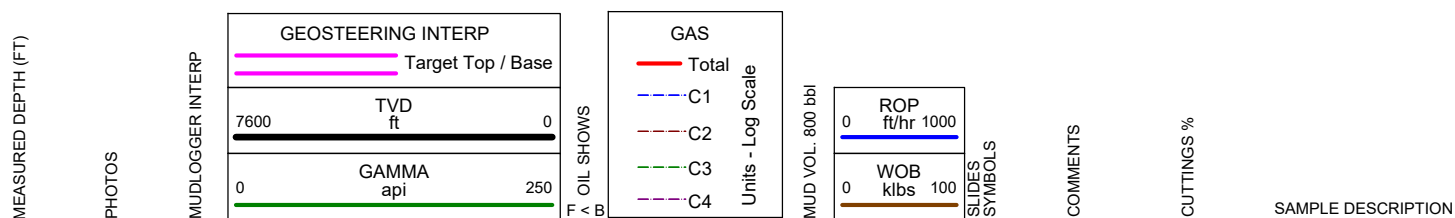
Earth Science Agency, LLC

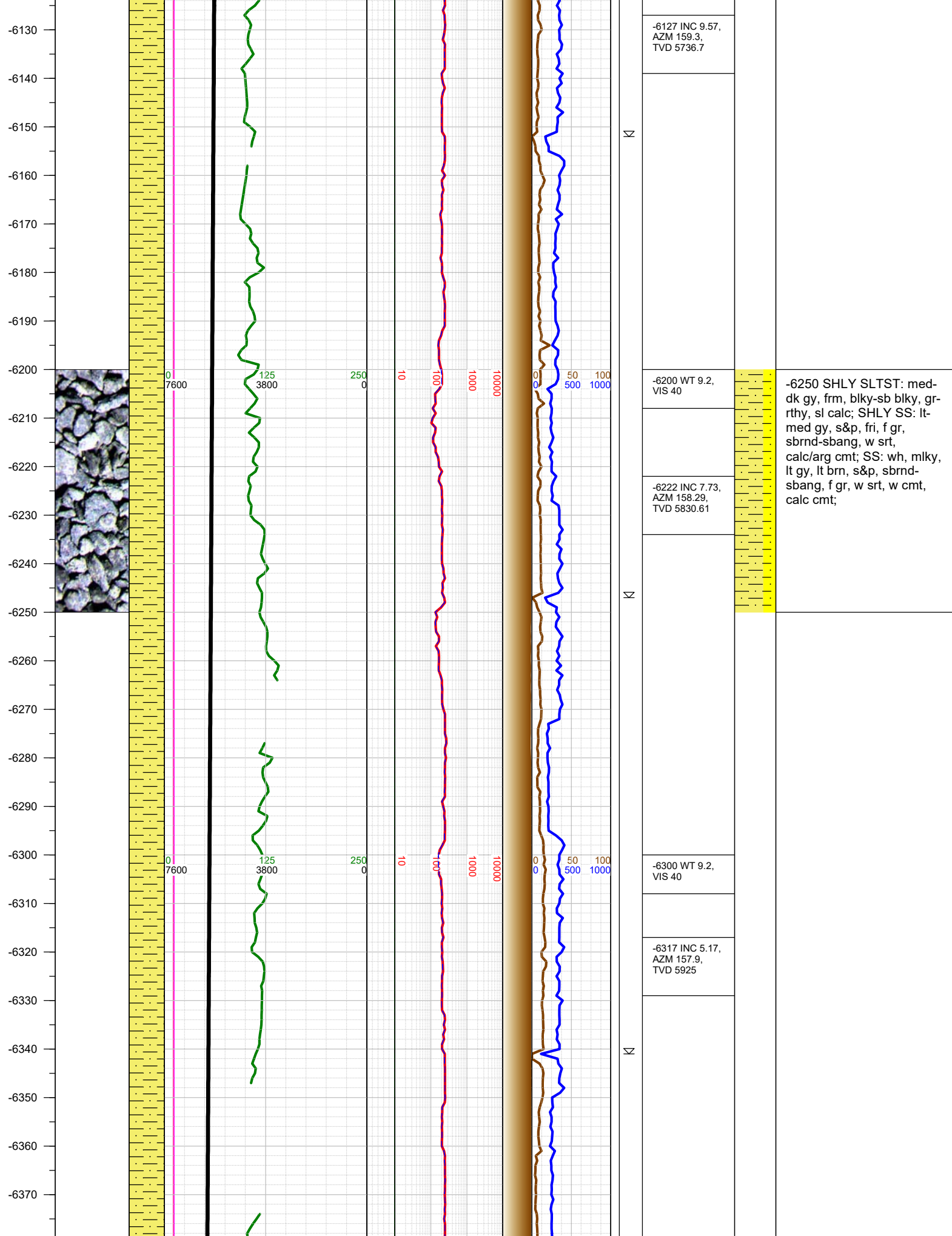
COUNTY: Weld  
STATE: Colorado  
GROUND ELEVATION: 4898'  
KELLY BUSHING: 4923'  
DRILLING FLUID: OBM  
TVD VS. MD: 7245' / 18266'  
SPUD DATE: July 29, 2019  
TD DATE: August 2, 2019  
  
DEPTHS LOGGED: 6000' - 18266'  
DATES LOGGED: July 29, 2019 - August 2, 2019  
GEOLOGISTS: Zak Lewis, Scott Snoy  
SCALE: 5" = 100'

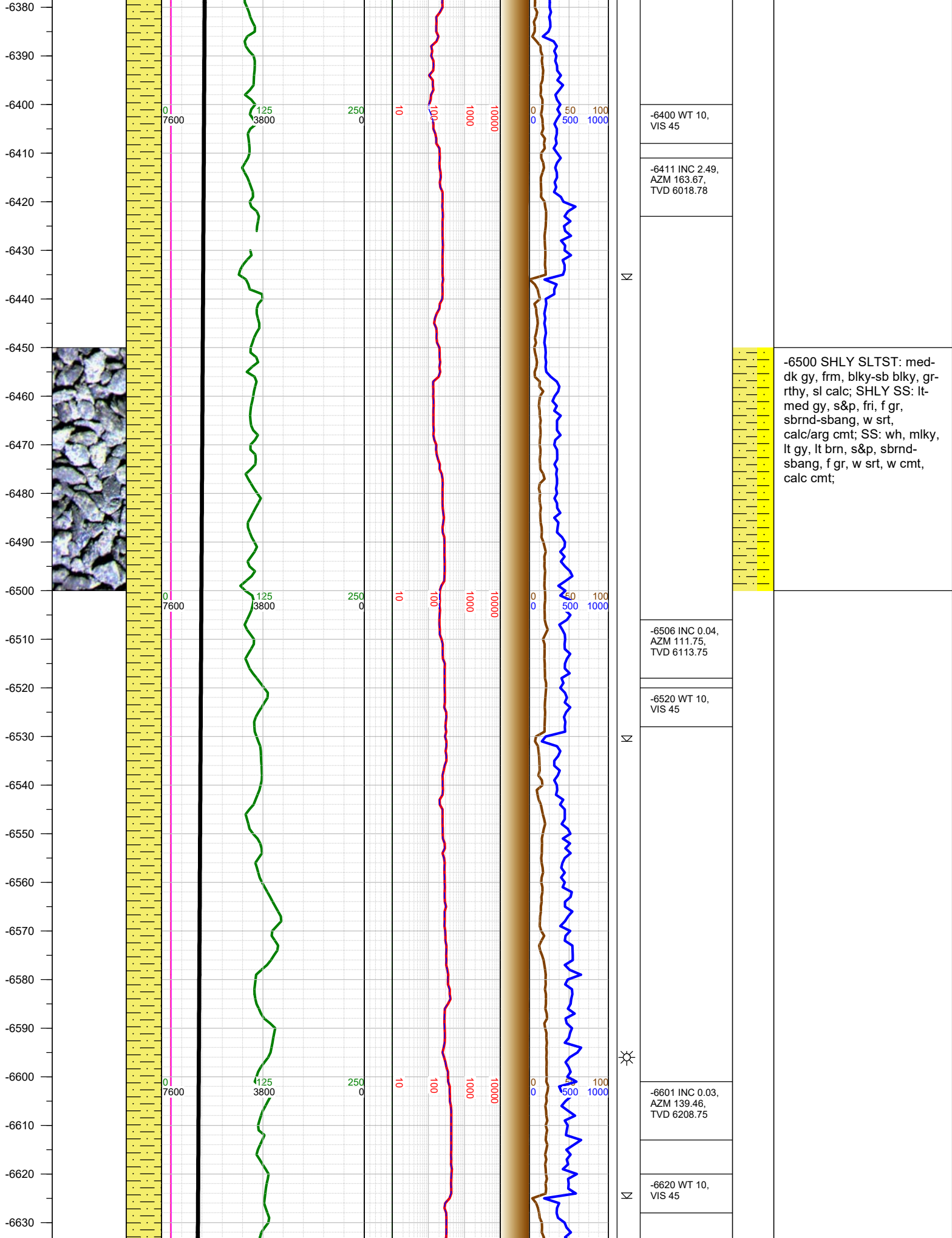
#### LEGEND



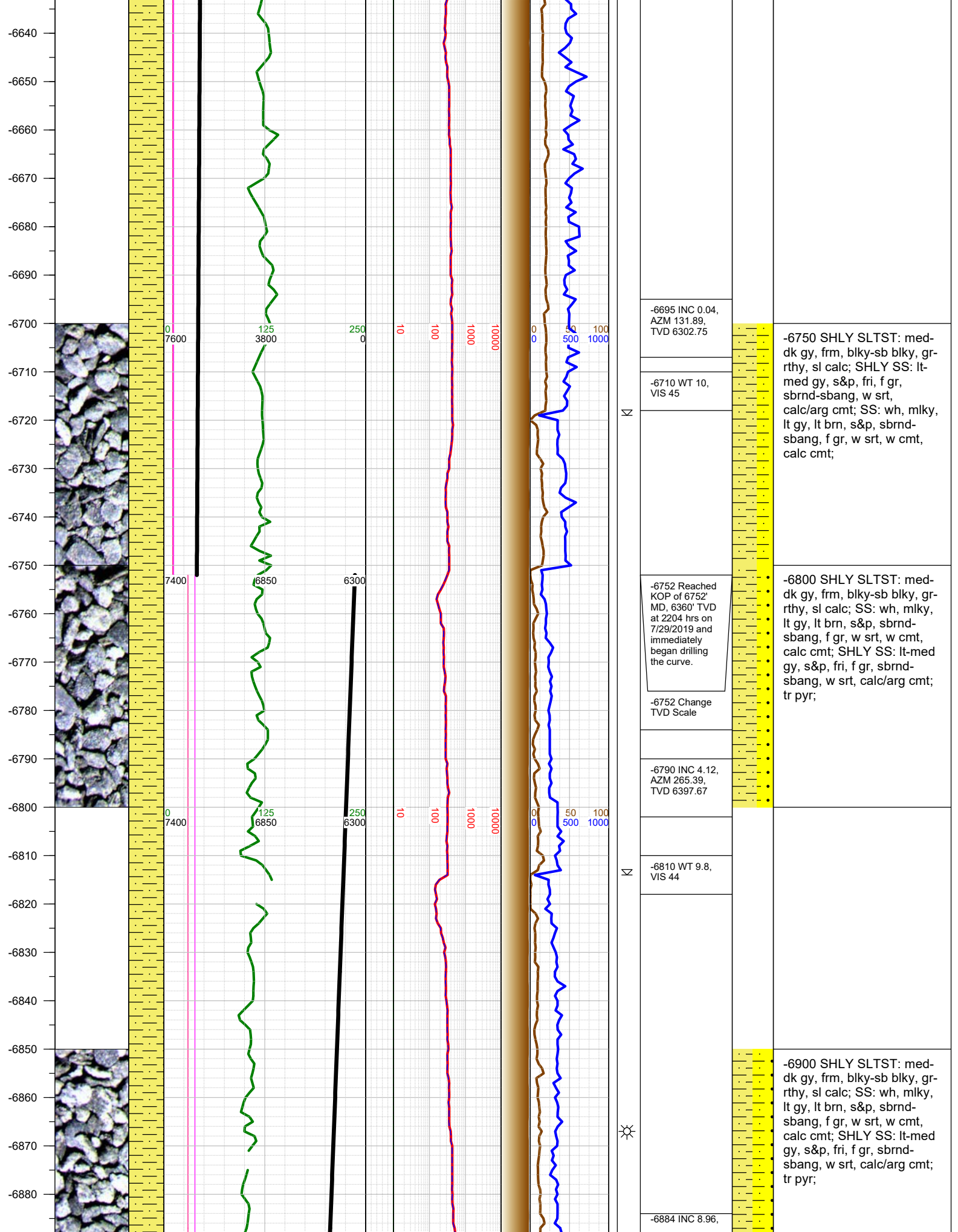
FORMATION  $\approx$  CONNECTION  $\Delta$  MIDNIGHT NEW BIT GAS SHOW FAULT



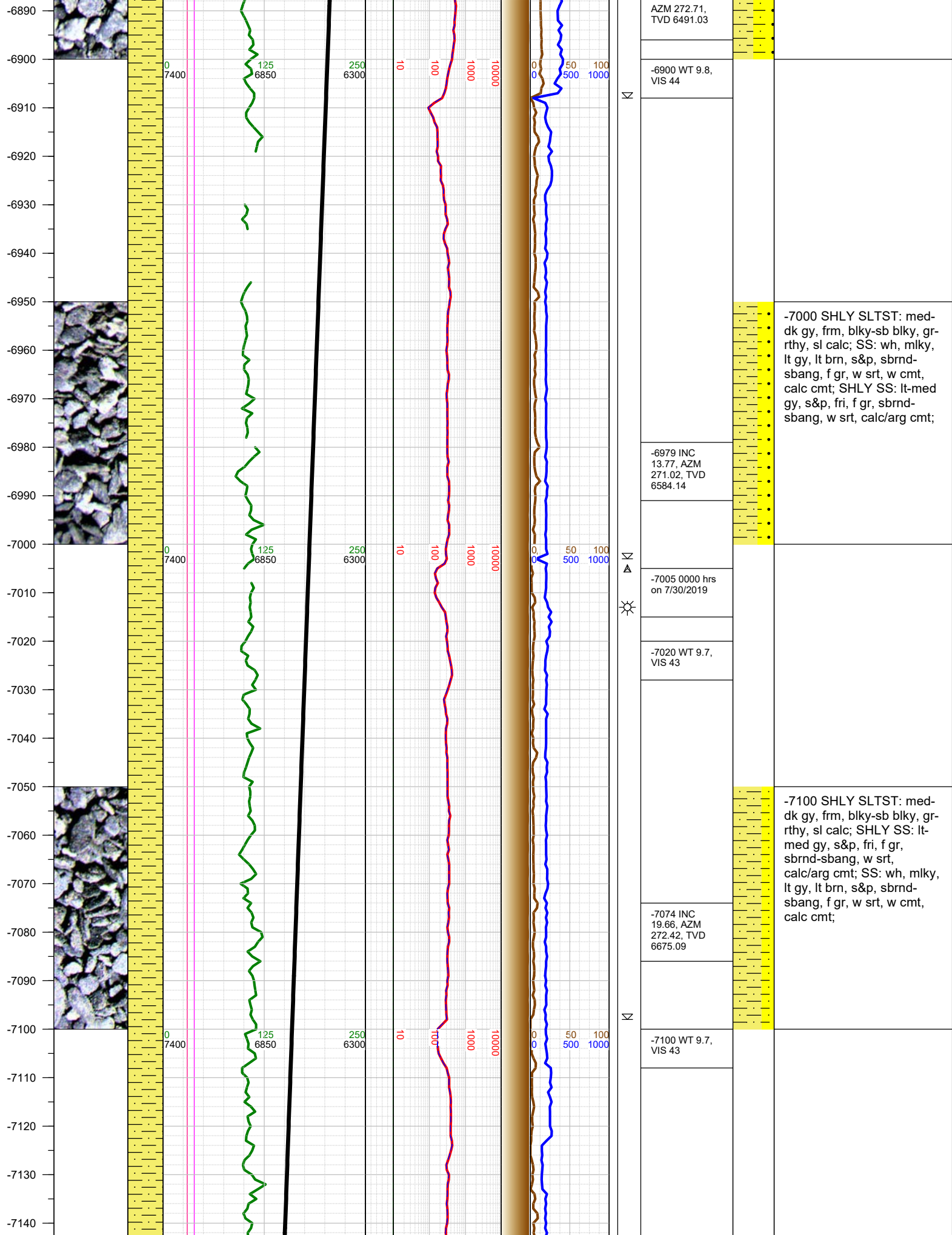








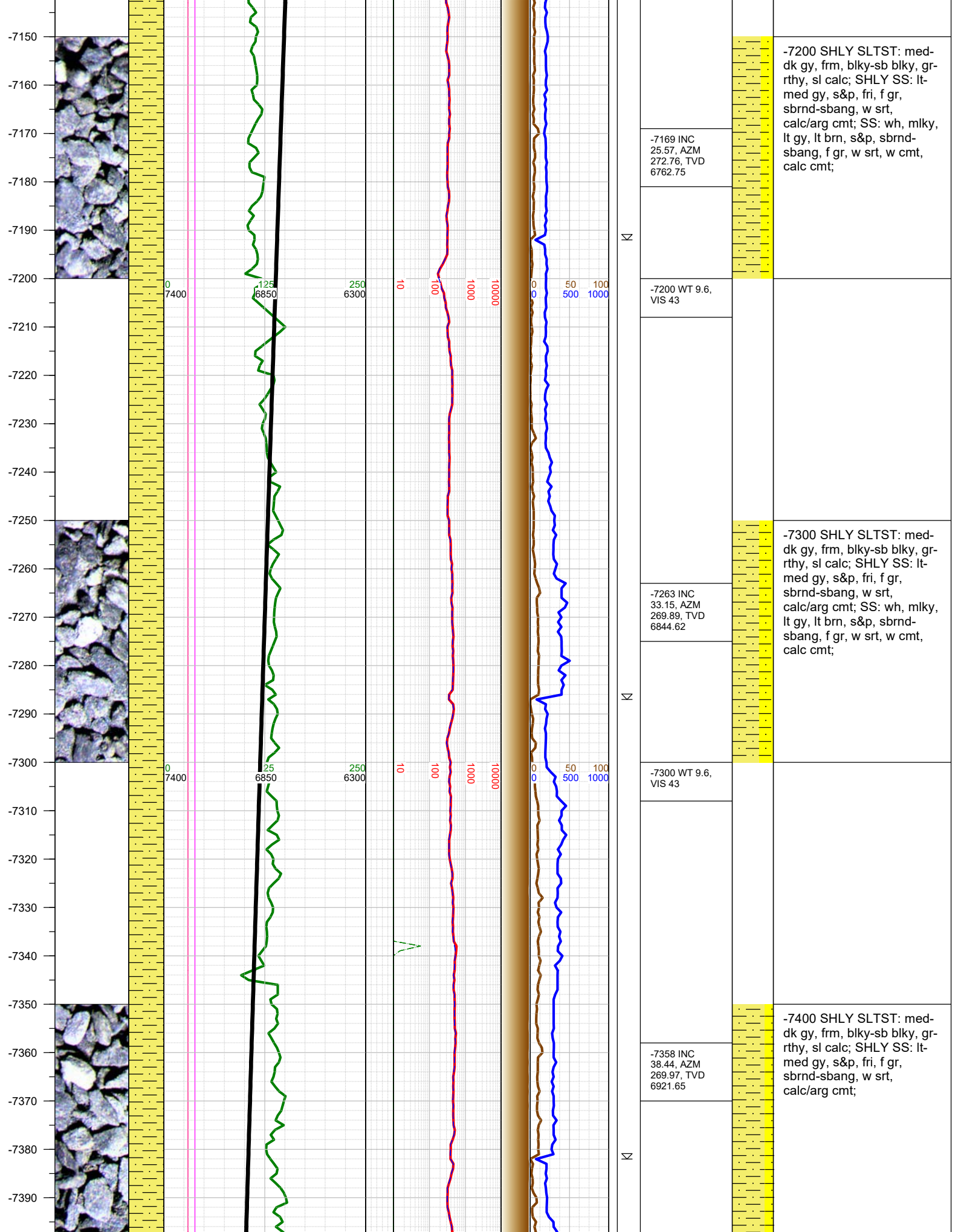


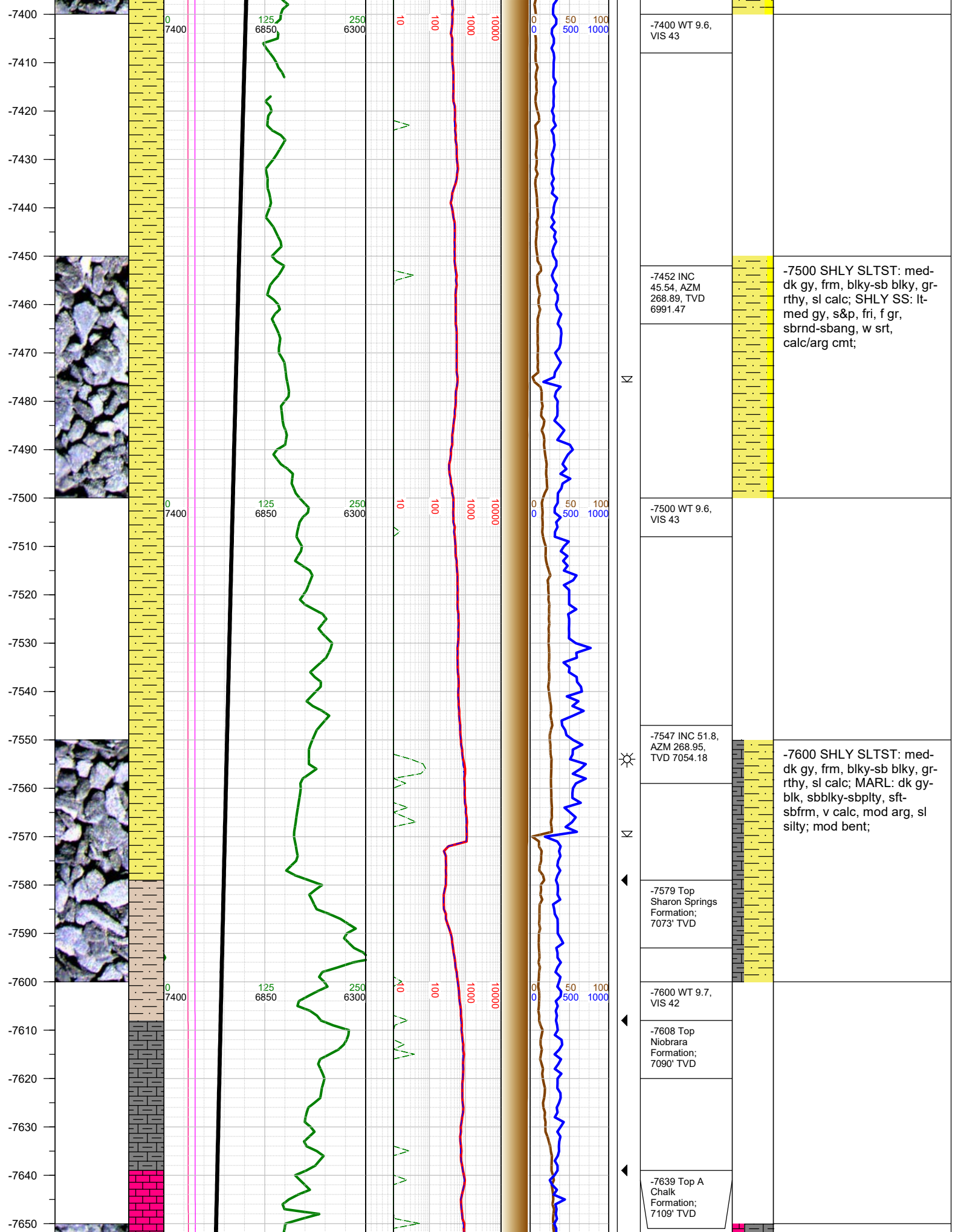


AZM 272.71, TVD 6491.03
-6900 WT 9.8, VIS 44
-6979 INC 13.77, AZM 271.02, TVD 6584.14
-7005 0000 hrs on 7/30/2019
-7020 WT 9.7, VIS 43
-7074 INC 19.66, AZM 272.42, TVD 6675.09
-7100 WT 9.7, VIS 43

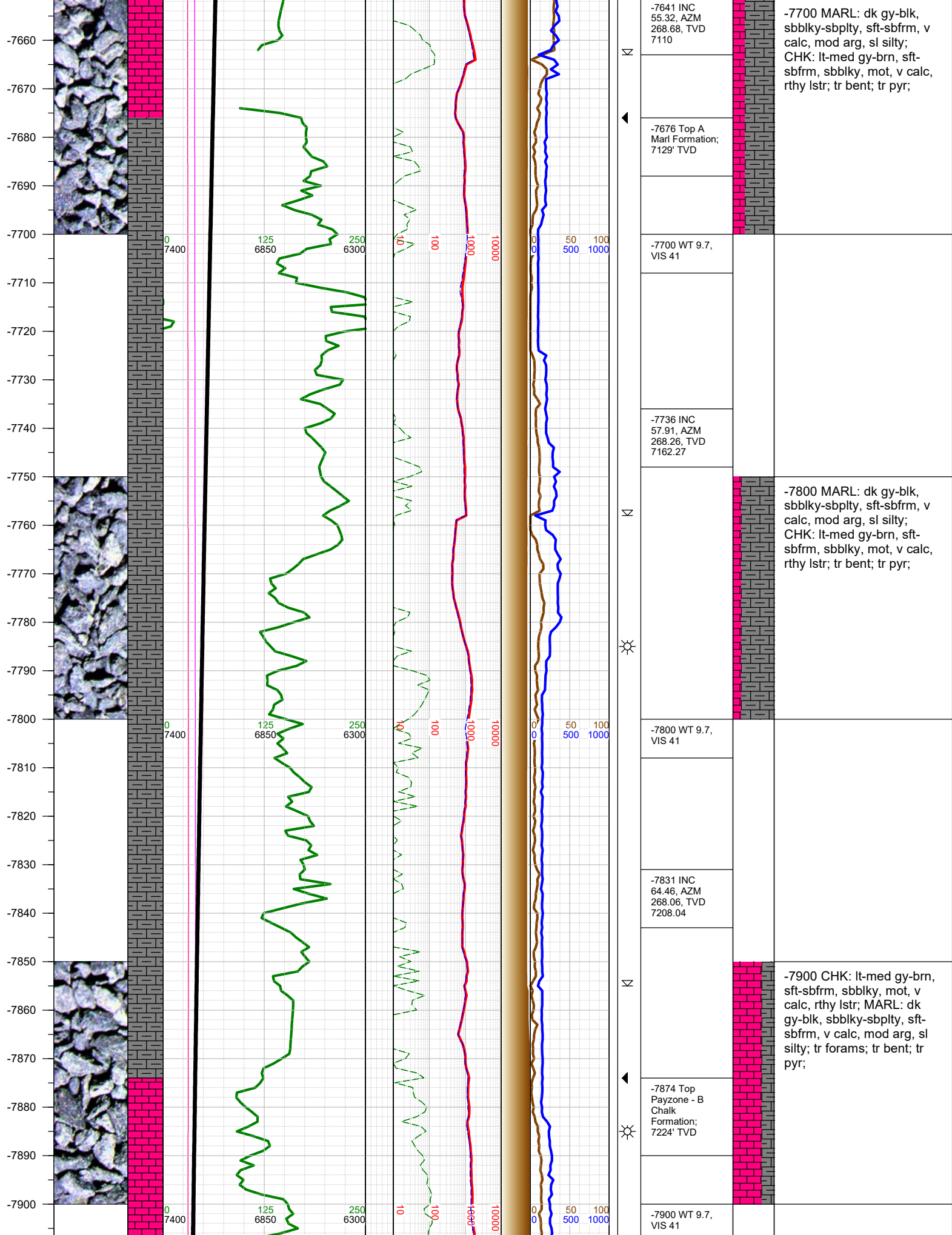
-7000 SHLY SLTST: med-dk gy, frm, blkly-sb blkly, gr-rthy, sl calc; SS: wh, mlky, lt gy, lt brn, s&p, sbrnd-sbang, f gr, w srt, w cmt, calc cmt; SHLY SS: lt-med gy, s&p, fri, f gr, sbrnd-sbang, w srt, calc/arg cmt;

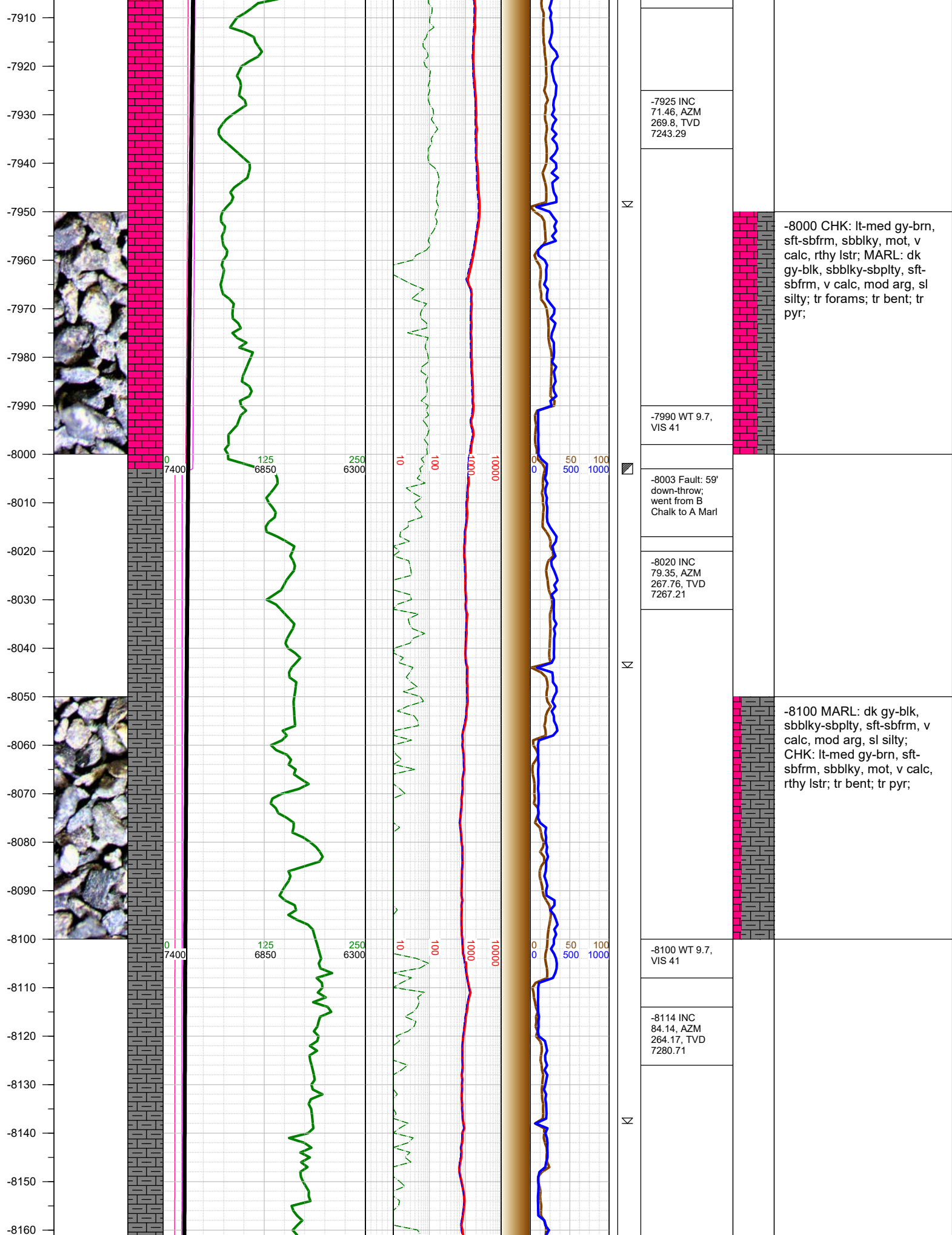
-7100 SHLY SLTST: med-dk gy, frm, blkly-sb blkly, gr-rthy, sl calc; SHLY SS: lt-med gy, s&p, fri, f gr, sbrnd-sbang, w srt, calc/arg cmt; SS: wh, mlky, lt gy, lt brn, s&p, sbrnd-sbang, f gr, w srt, w cmt, calc cmt;

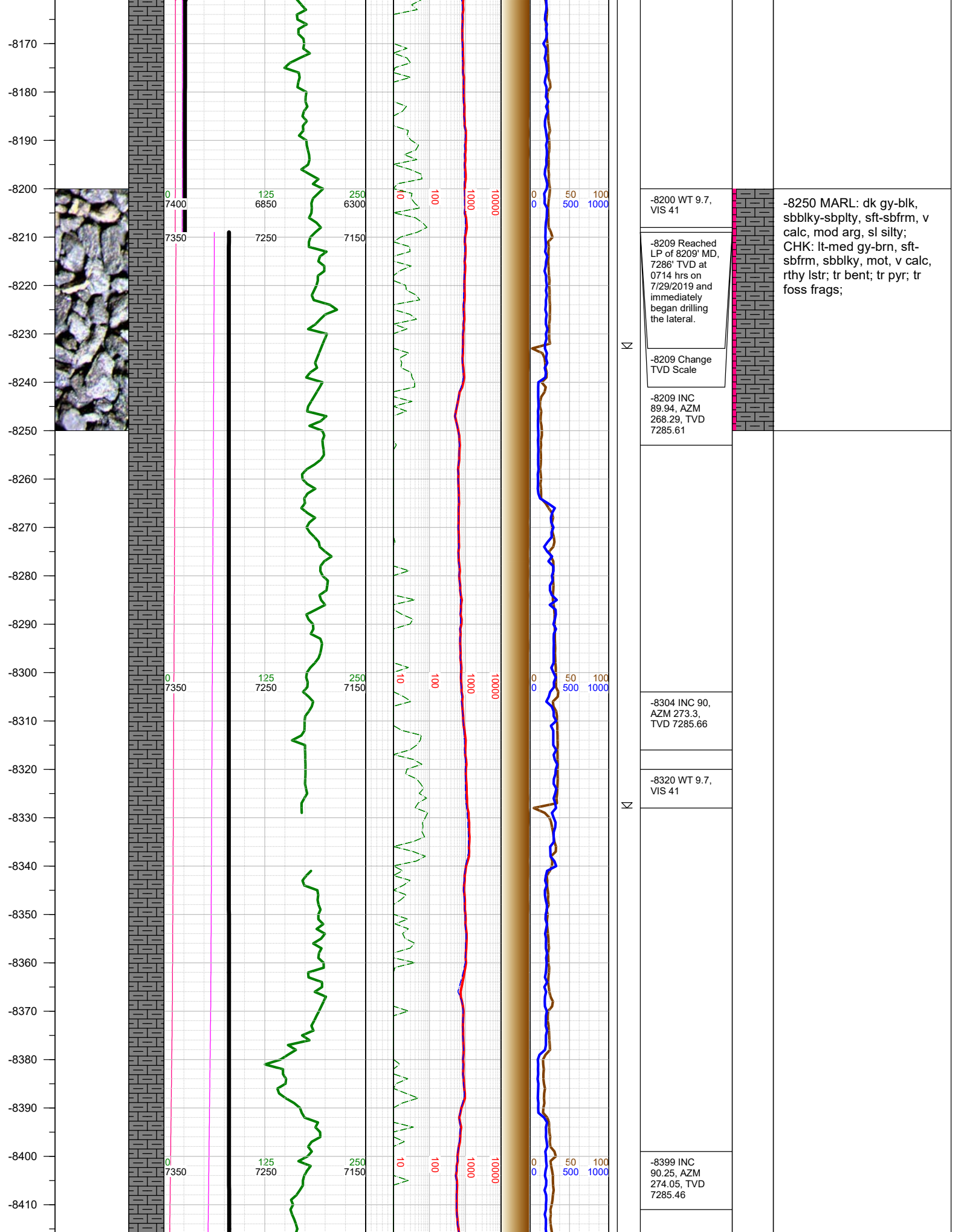




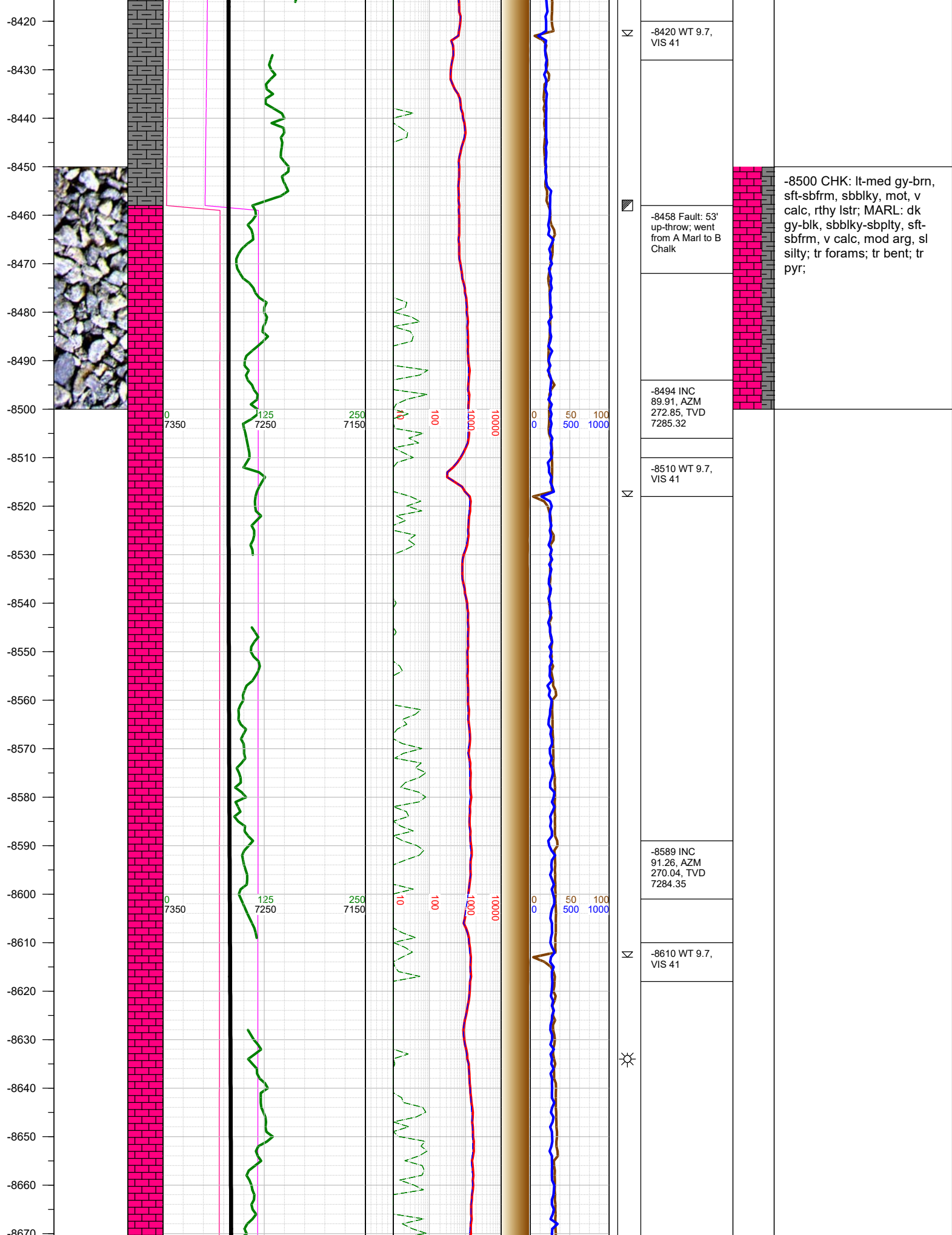


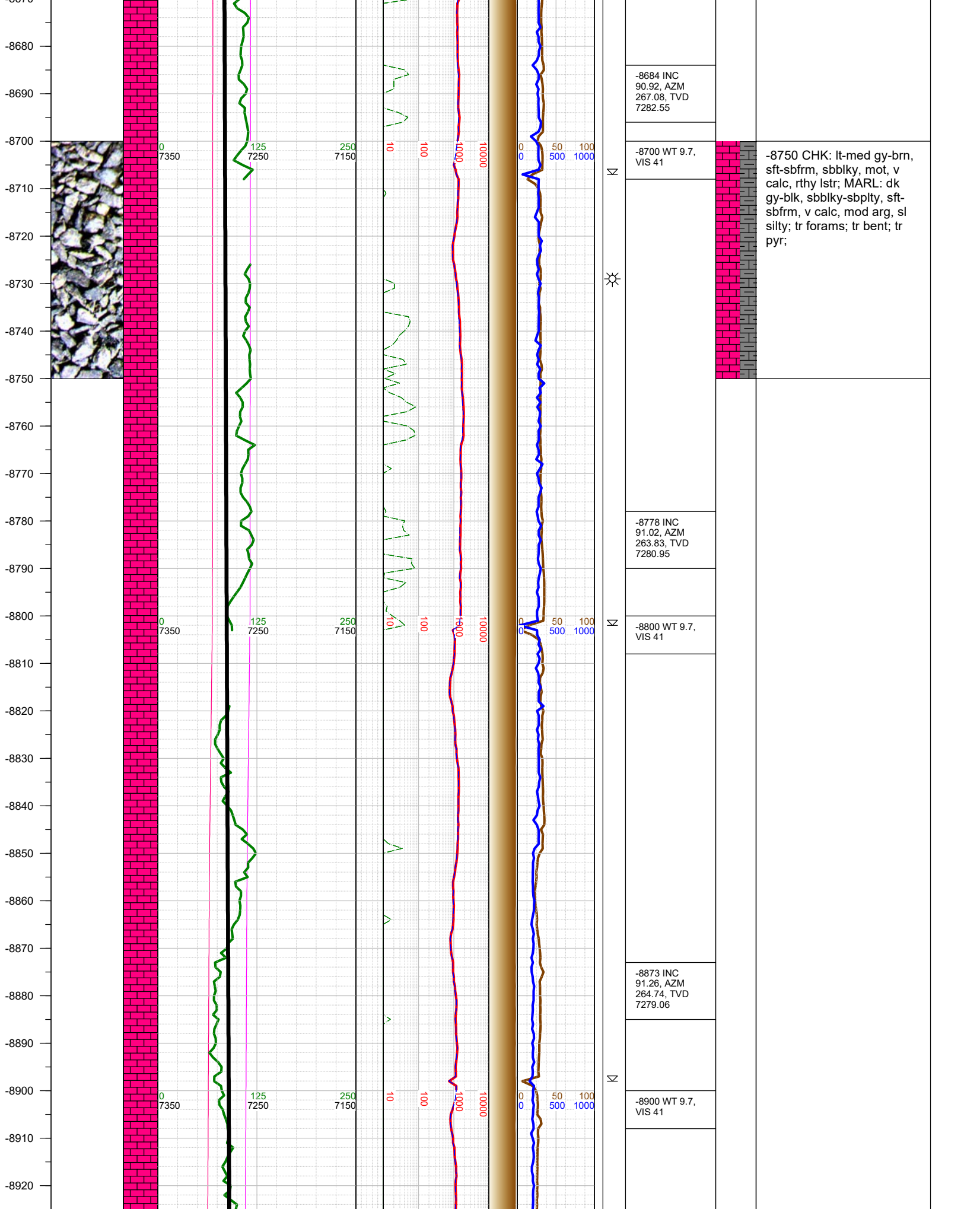


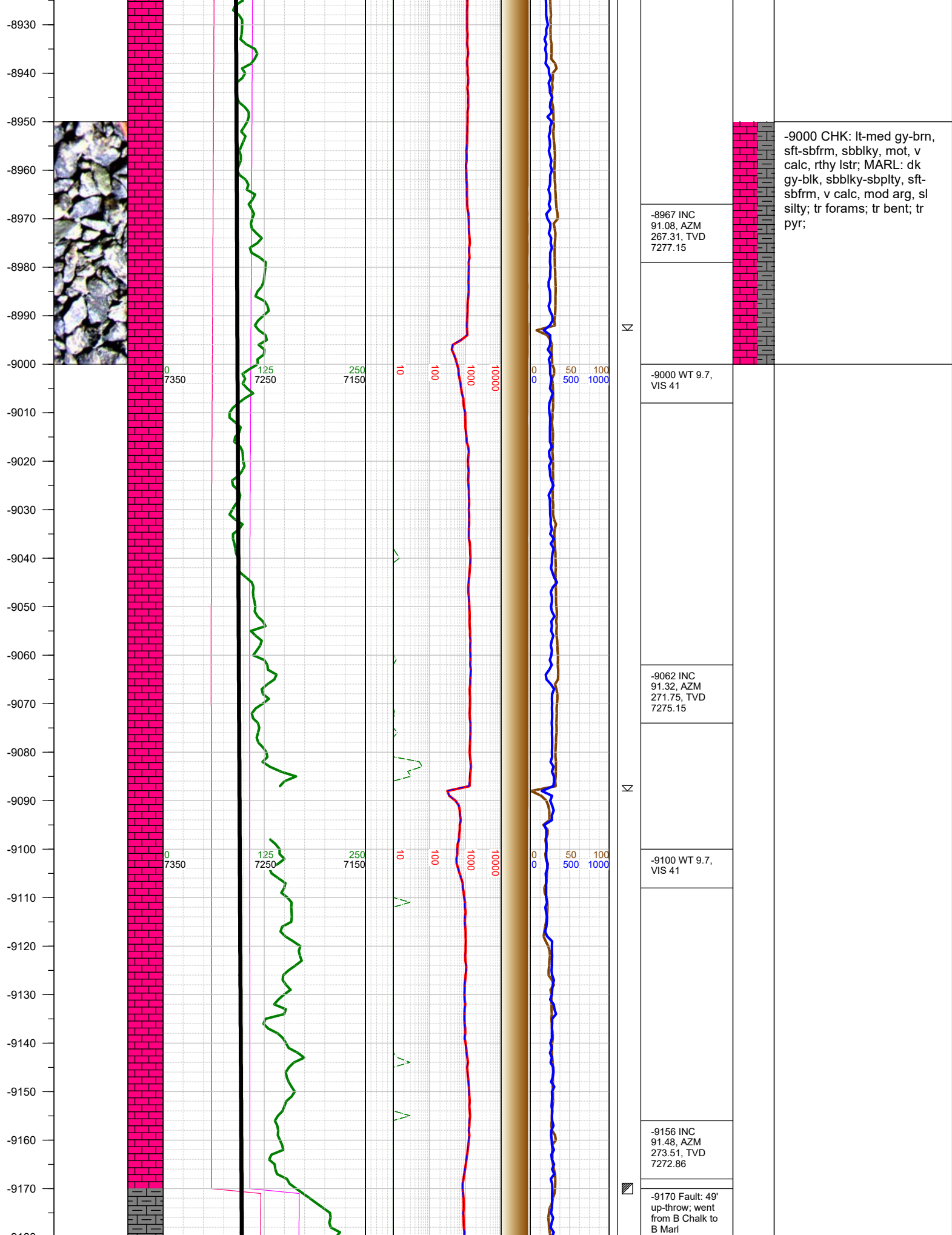




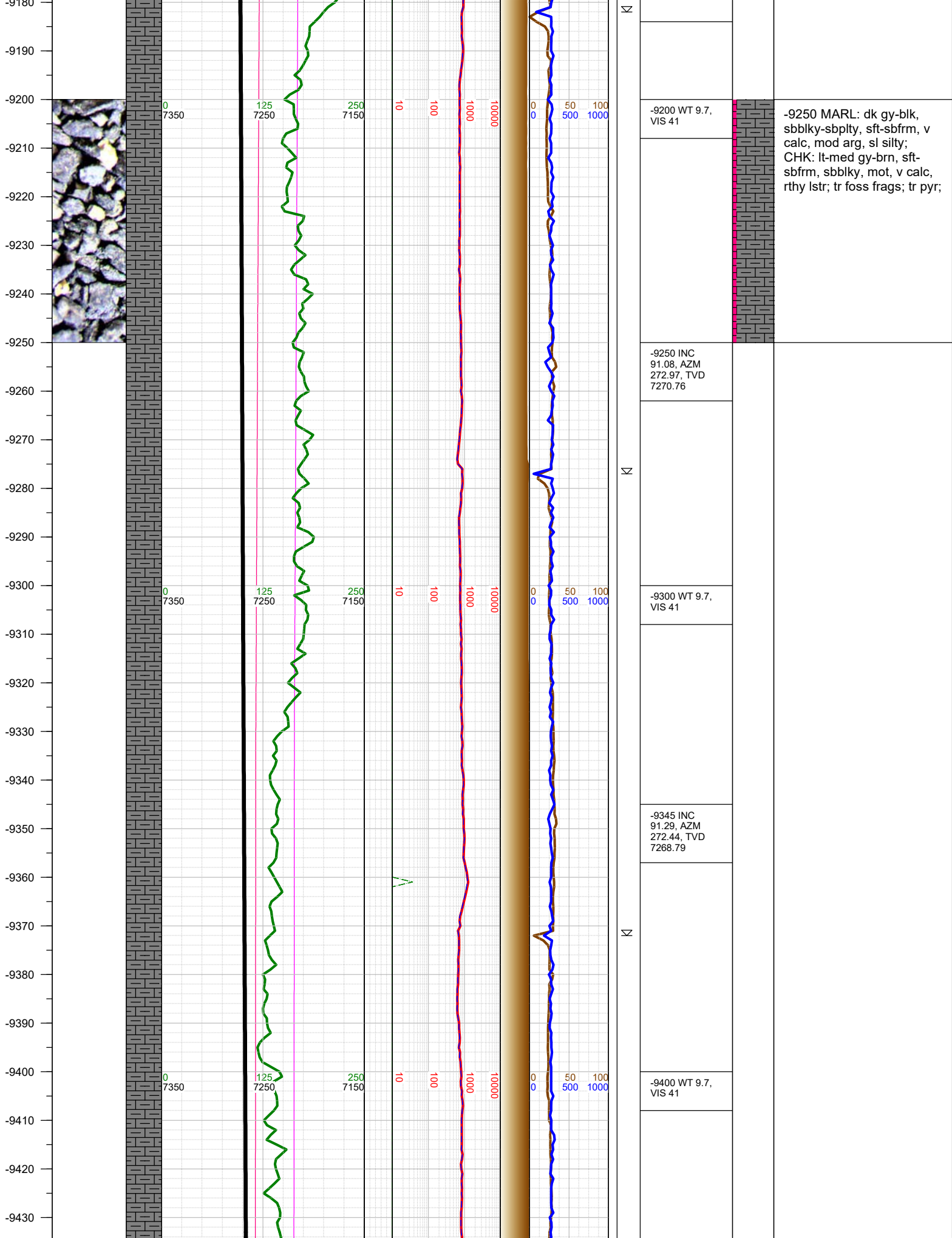


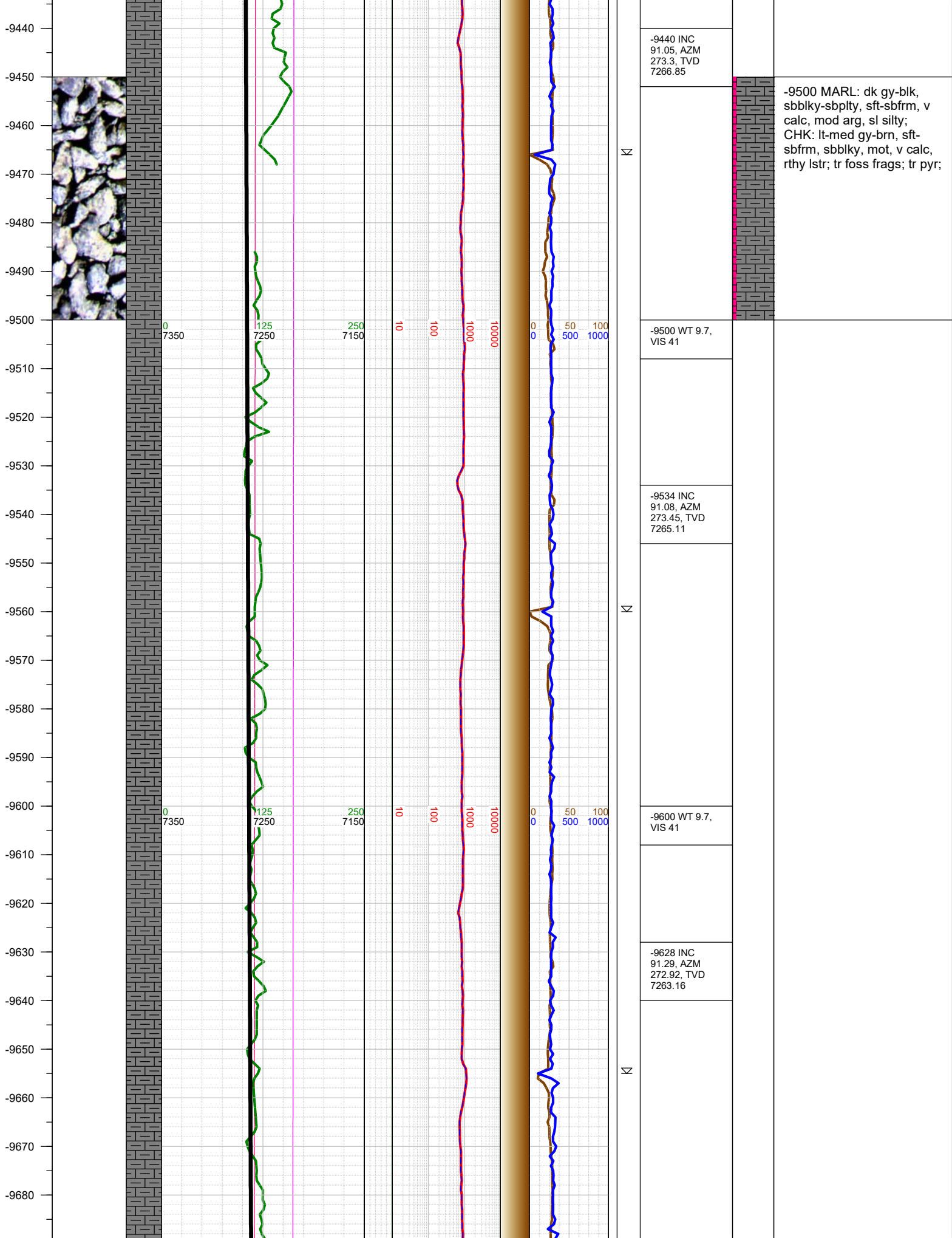


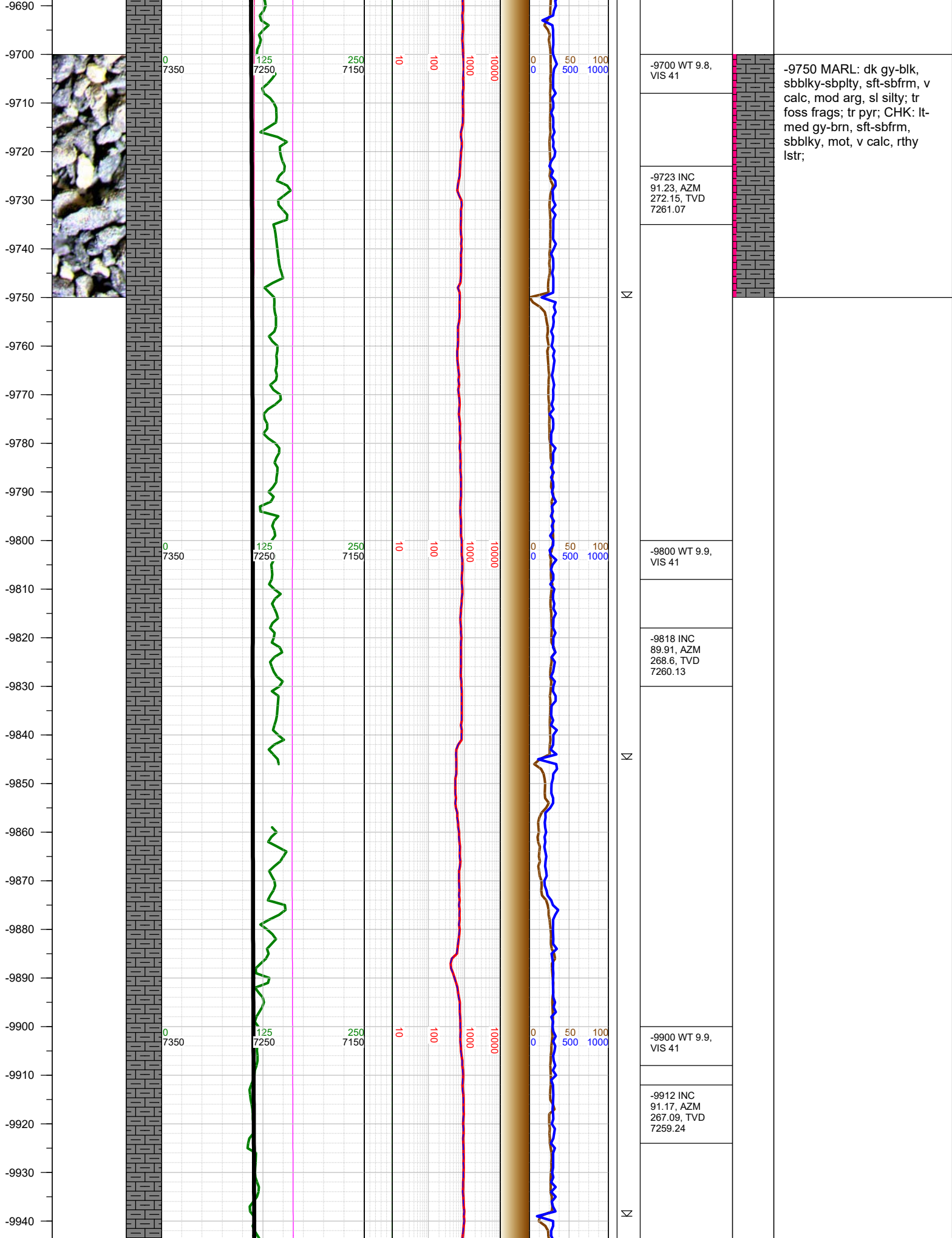




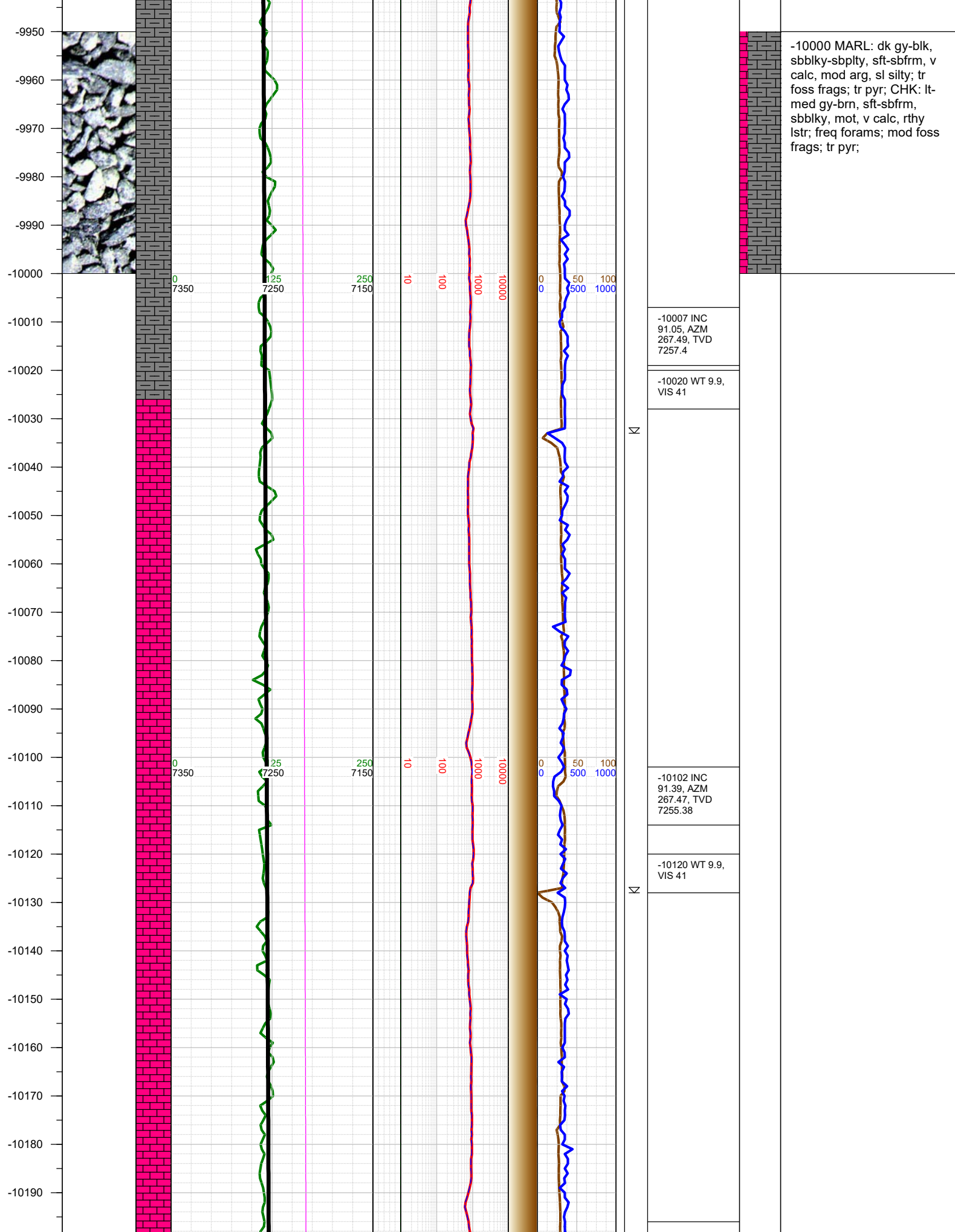


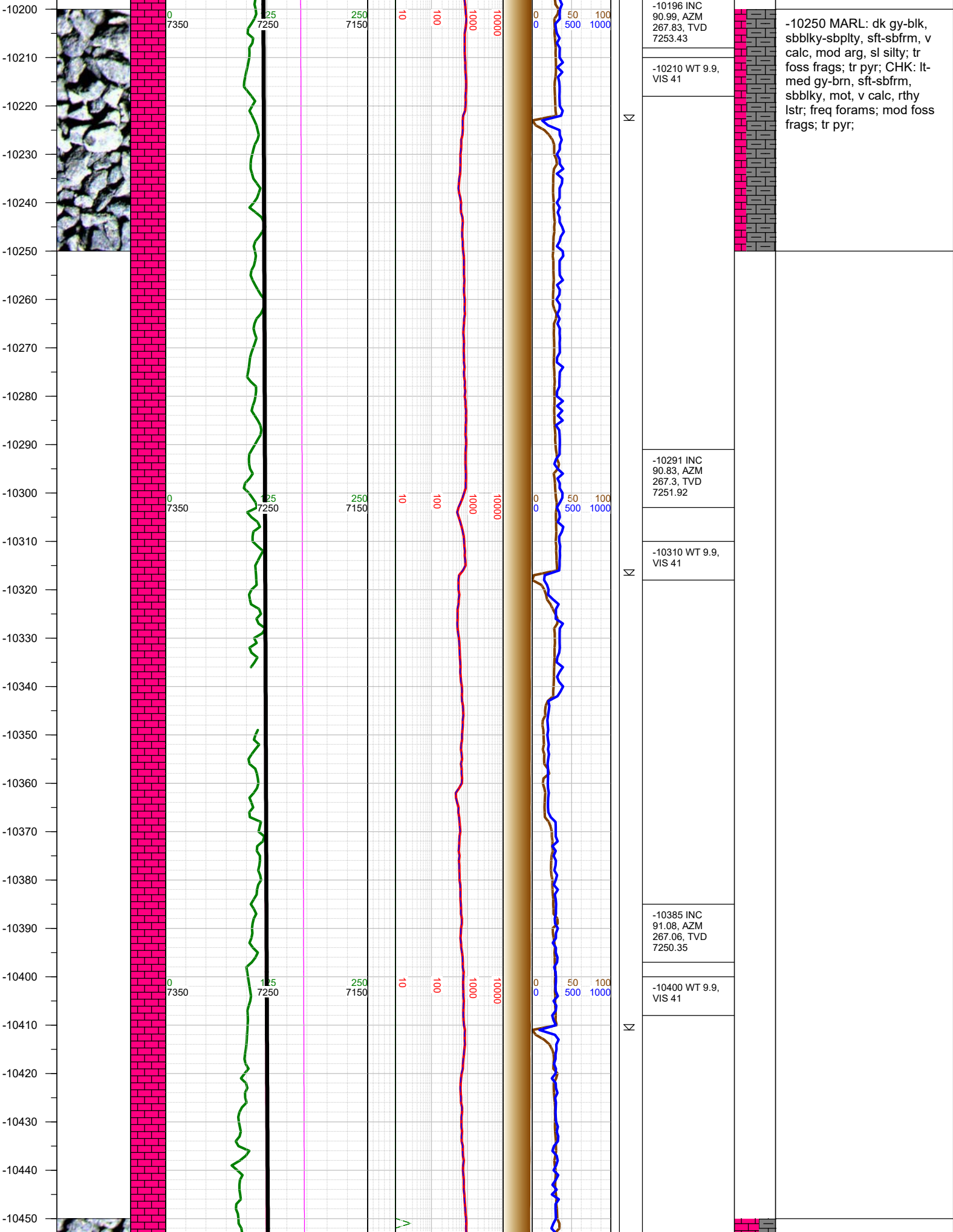


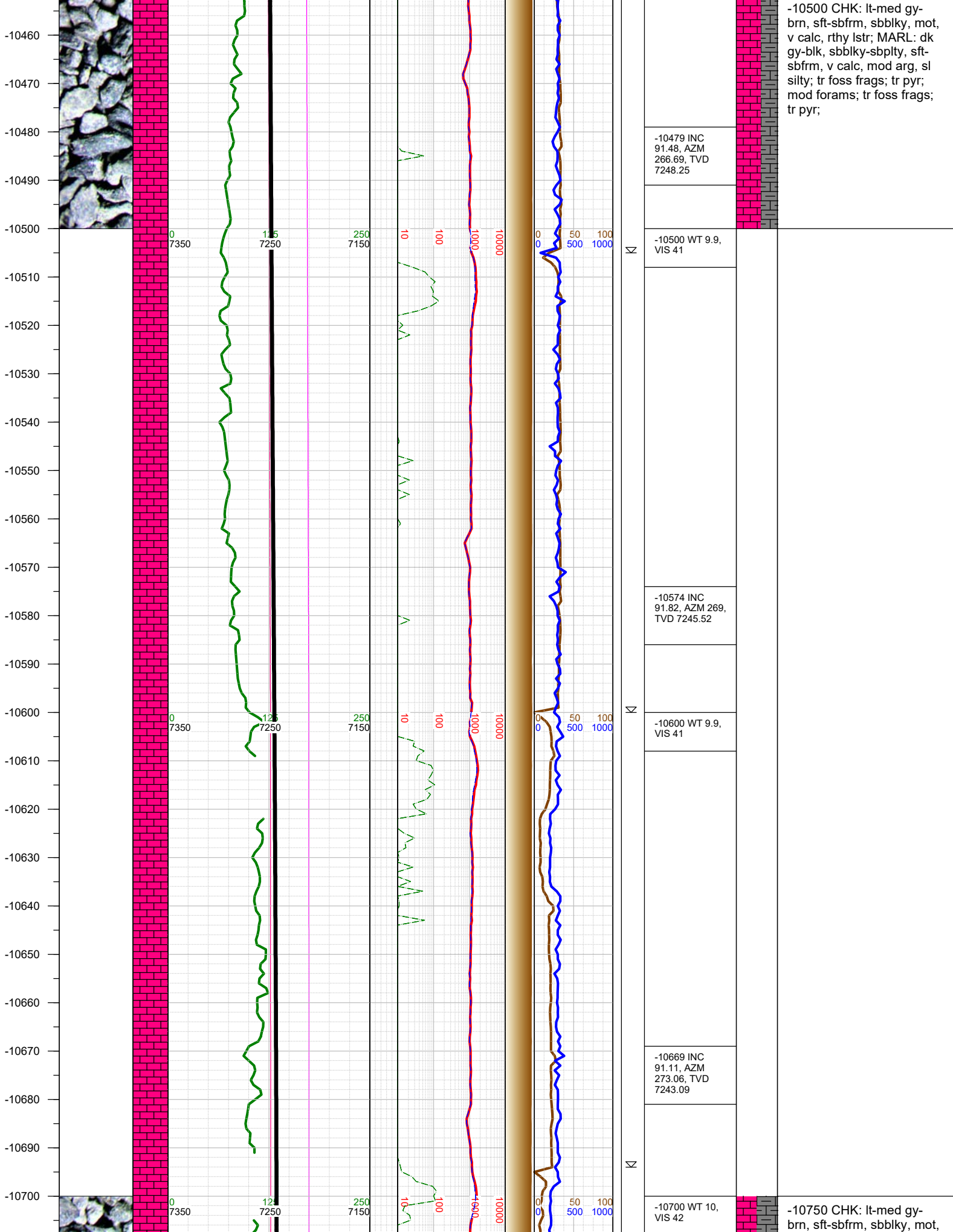








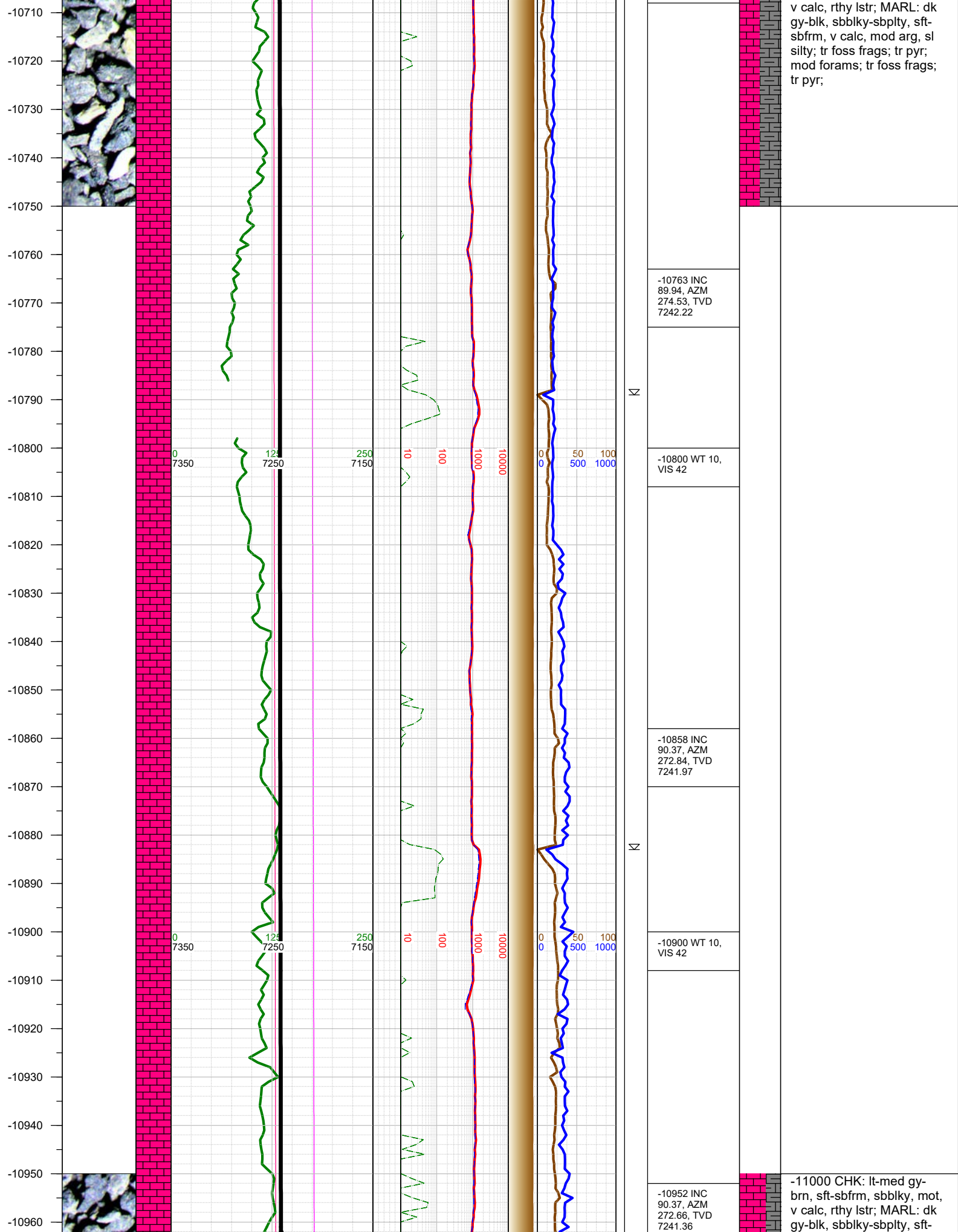


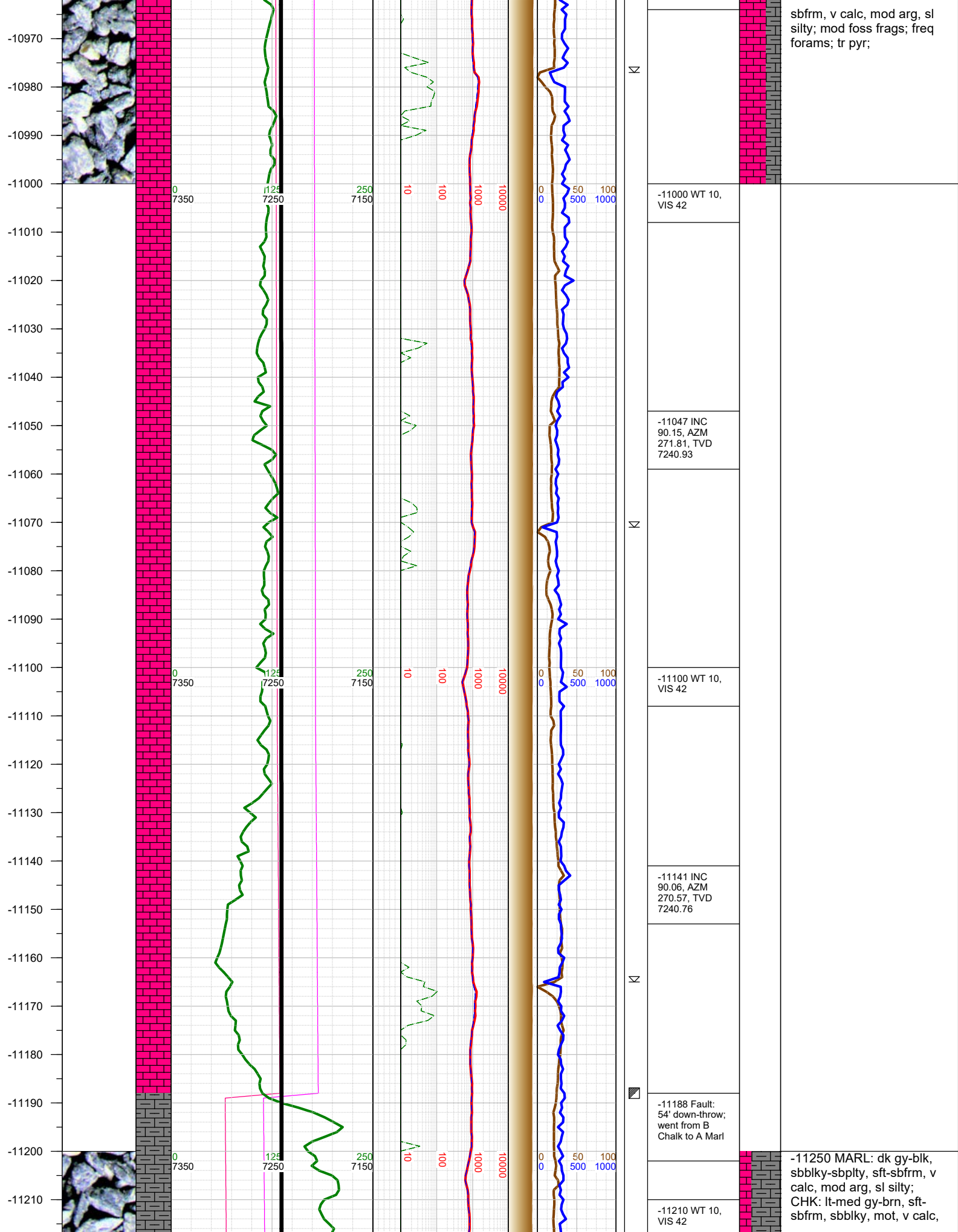


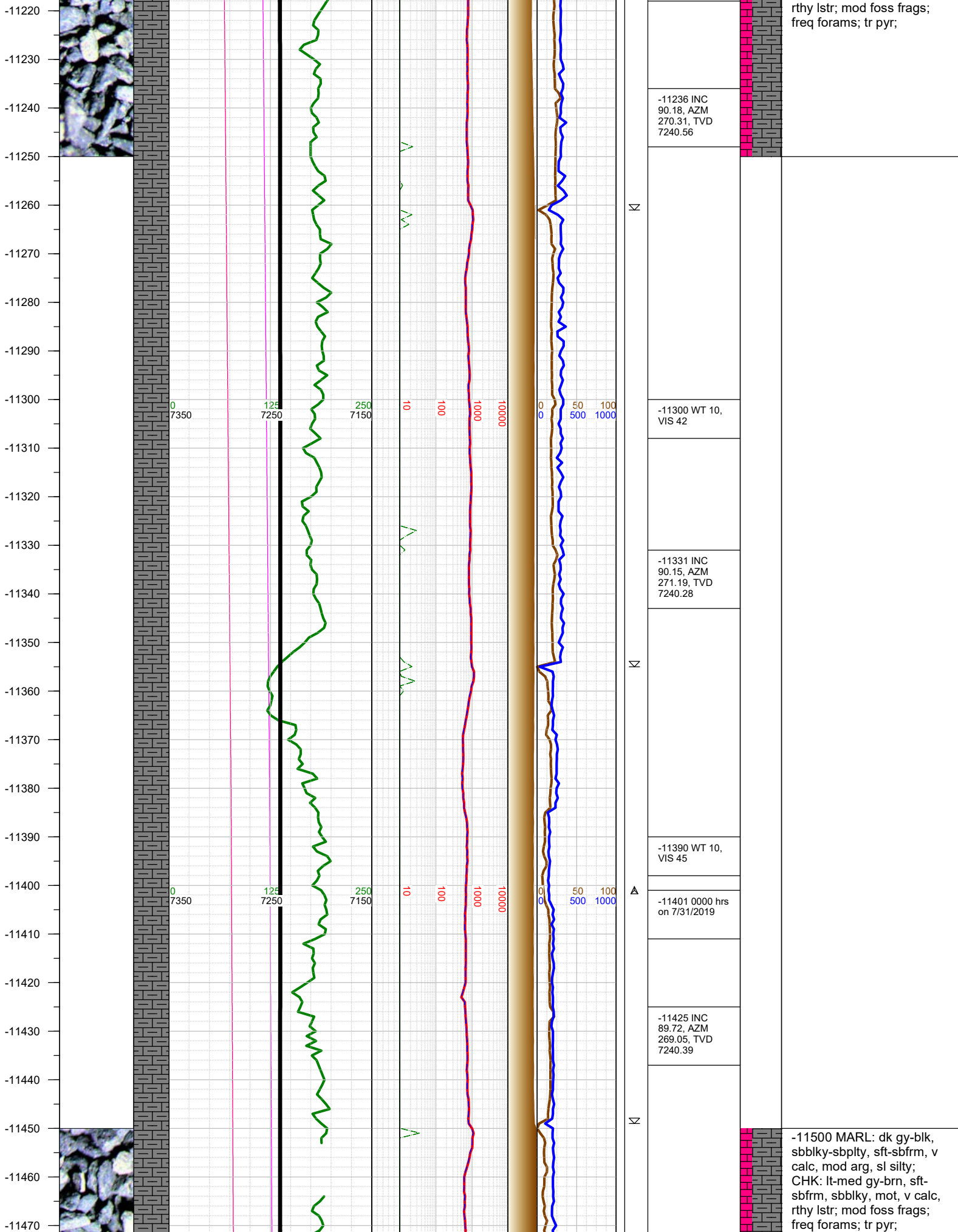
-10500 CHK: lt-med gy-brn, sft-sbfrm, sbbiky, mot, v calc, rthy lstr; MARL: dk gy-blk, sbbiky-sbply, sft-sbfrm, v calc, mod arg, sl silty; tr foss frags; tr pyr; mod forams; tr foss frags; tr pyr;

-10750 CHK: lt-med gy-brn, sft-sbfrm, sbbiky, mot,



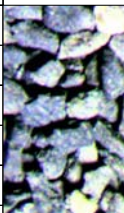
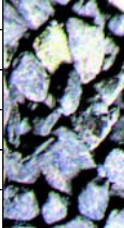




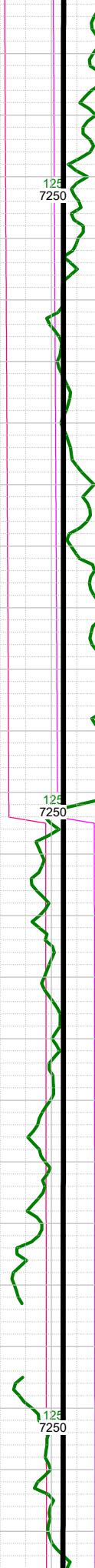




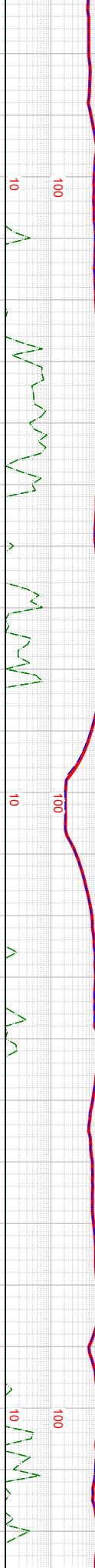
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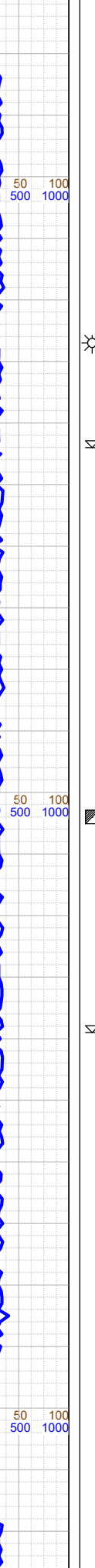
0 7350  
125 7250  
250 7150



10  
100  
1000  
10000



0 50 100  
0 500 1000



-11500 WT 10,  
VIS 45

-11520 INC  
89.94, AZM  
266.6, TVD  
7240.67

-11590 WT 10,  
VIS 47



-11604 Fault:  
29' up-throw;  
went from A  
Marl to B Chalk

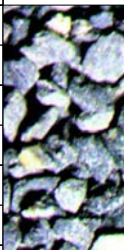
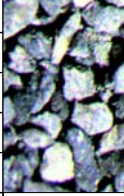
-11615 INC 90,  
AZM 265.48,  
TVD 7240.72

-11700 WT 10,  
VIS 47

-11709 INC  
89.75, AZM  
265.18, TVD  
7240.93

-11750 CHK: lt-med gy-  
brn, sft-sbfrm, sbblky, mot,  
v calc, rthy lstr; MARL: dk  
gy-blk, sbblky-sbplty, sft-  
sbfrm, v calc, mod arg, sl  
silty; mod foss frags; tr pyr;  
freq forams;

-11730  
-11740  
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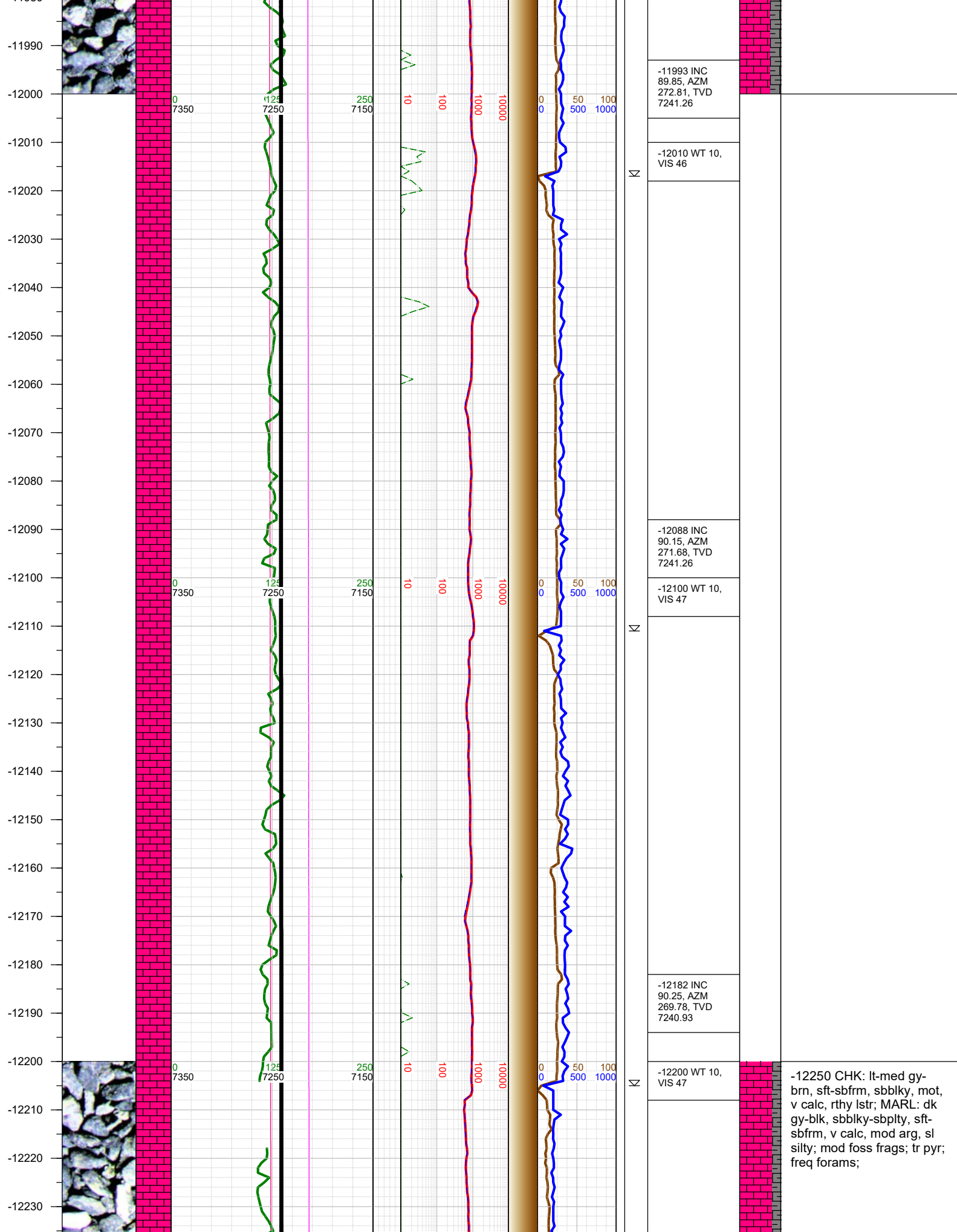
-11804 INC  
90.18, AZM  
268.6, TVD  
7240.99

-11820 WT 10,  
VIS 46

-11899 INC  
89.82, AZM  
273.28, TVD  
7240.99

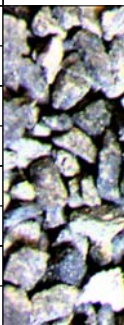
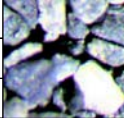
-11920 WT 10,  
VIS 46

-12000 CHK: lt-med gy-  
brn, sft-sbfrm, sbblky, mot,  
v calc, rthy lstr; MARL: dk  
gy-blk, sbblky-sbplty, sft-  
sbfrm, v calc, mod arg, sl  
silty; mod foss frags; tr pyr;  
freq forams;





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-12470  
-12480  
-12490



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7350

125  
7250

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7150

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-12277 INC  
89.78, AZM  
268.14, TVD  
7240.9

-12300 WT 10,  
VIS 47

-12372 INC  
89.08, AZM  
267.22, TVD  
7241.85

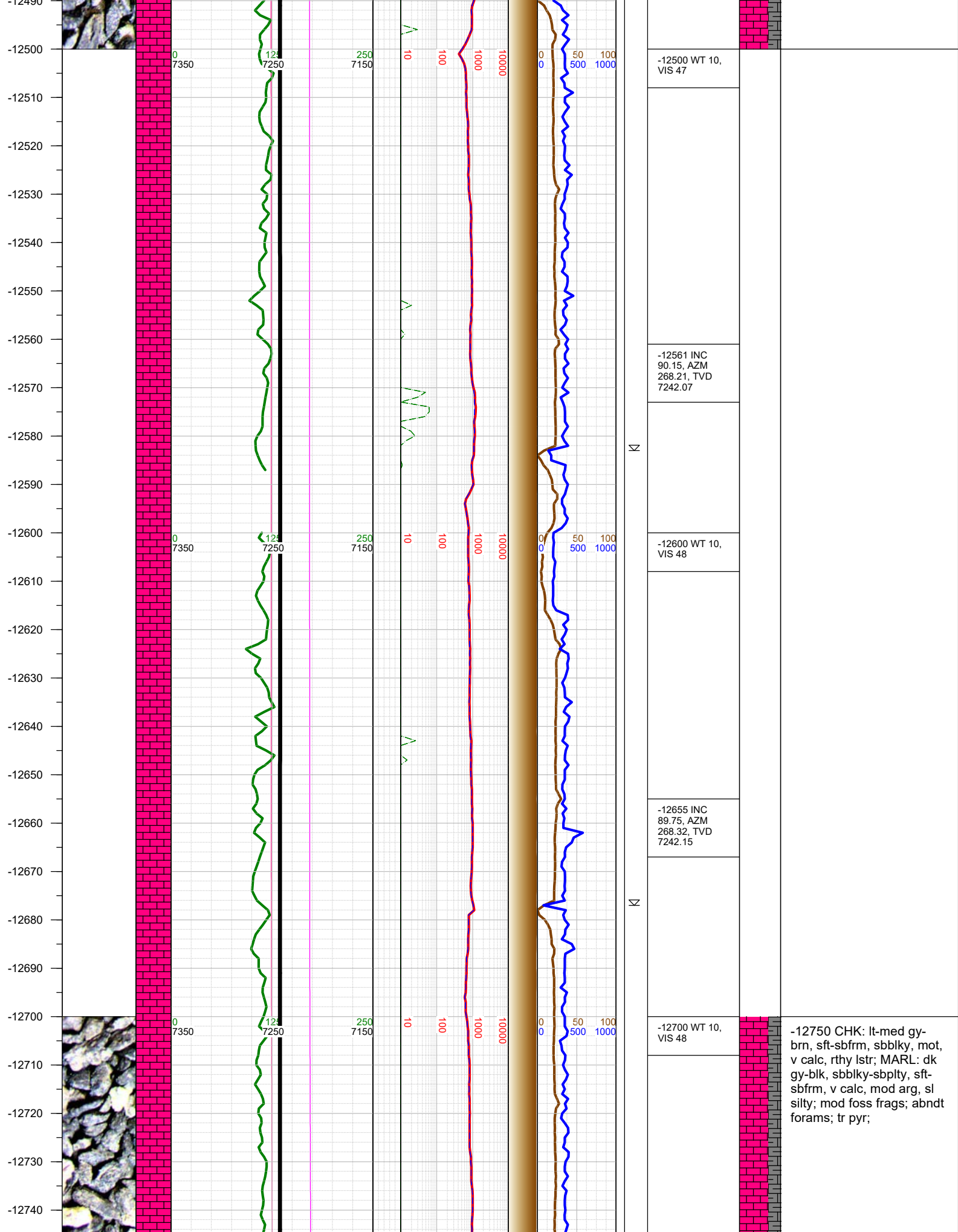
-12400 WT 10,  
VIS 47

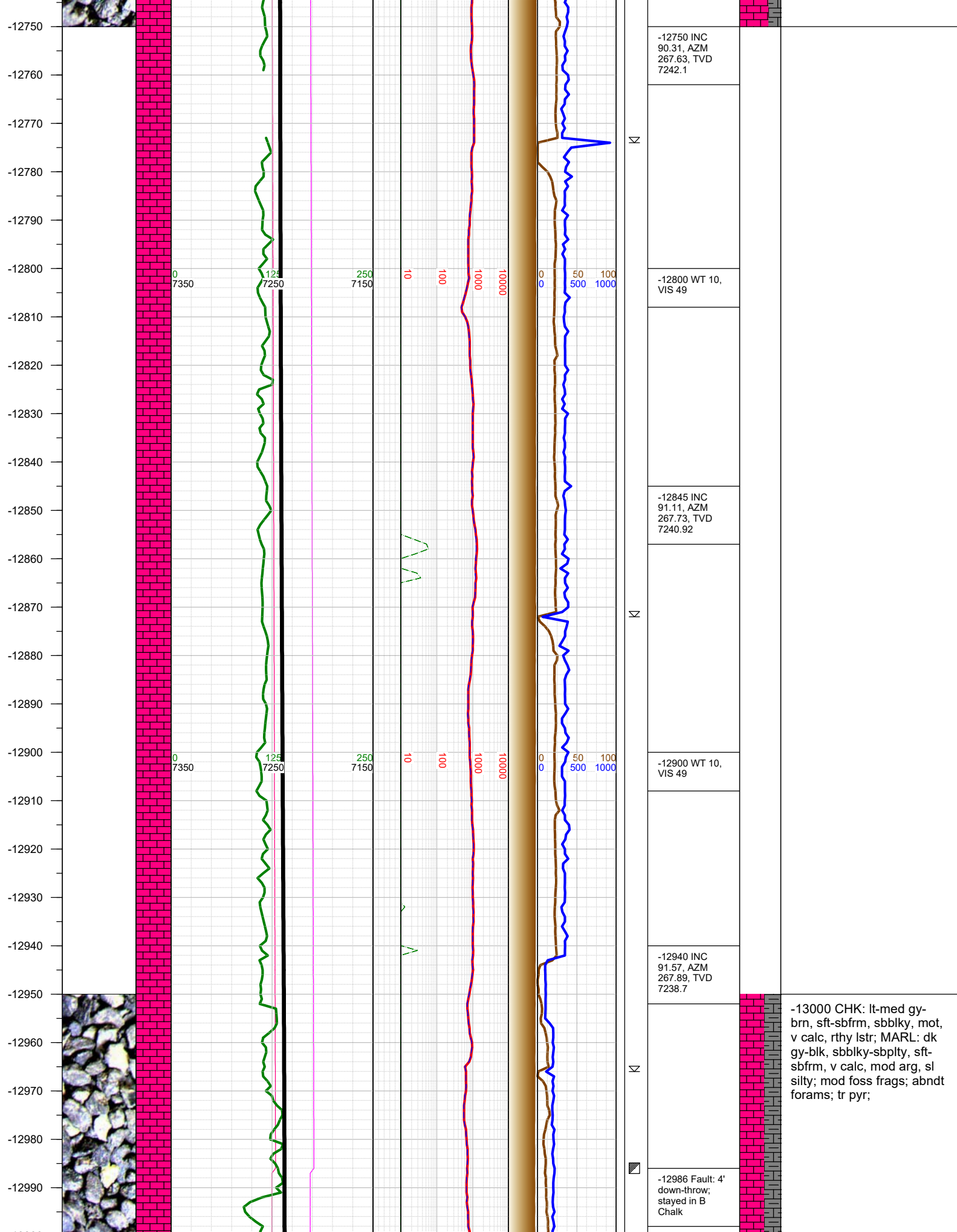
Σ

-12466 INC  
90.25, AZM  
267.24, TVD  
7242.4

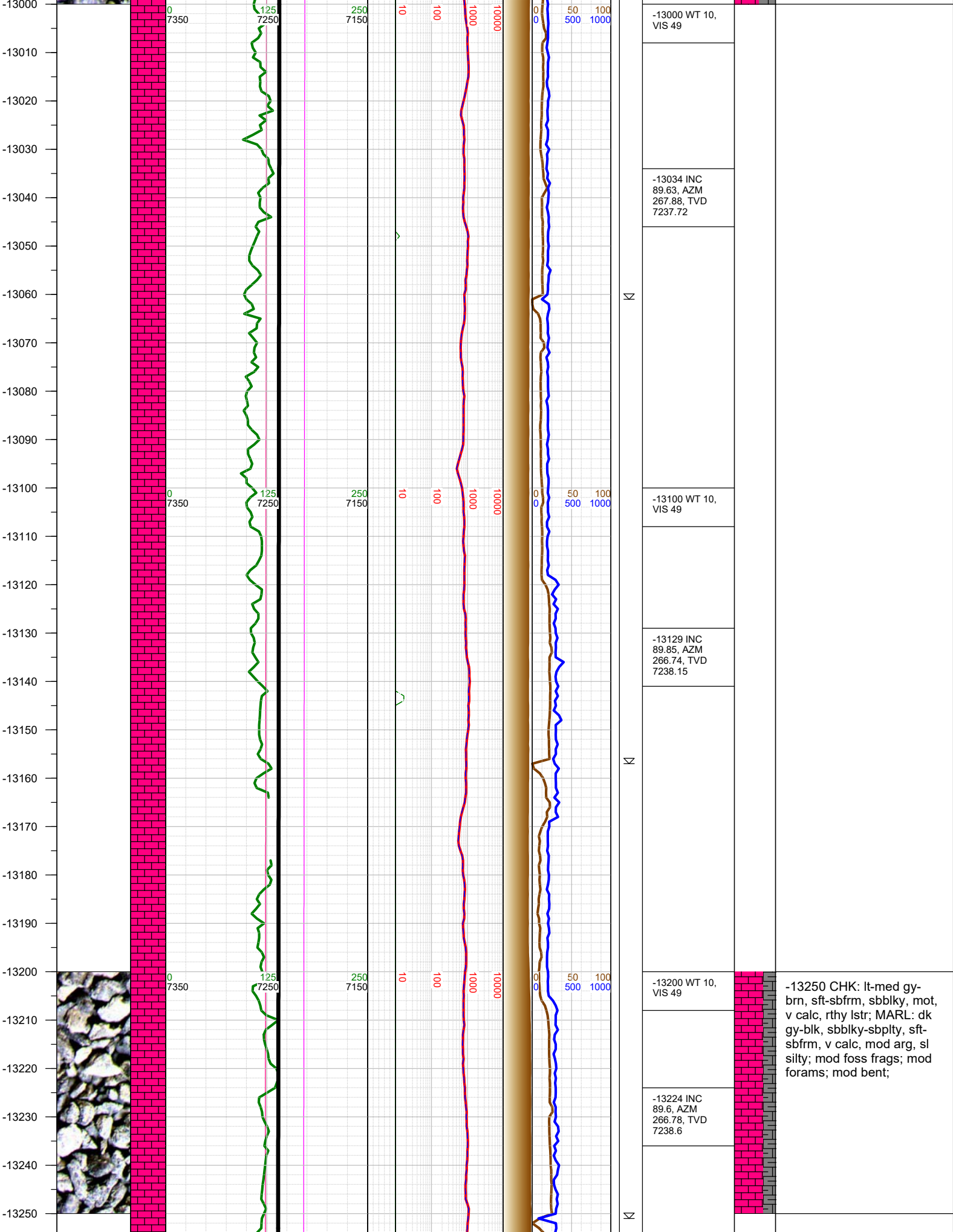
Σ

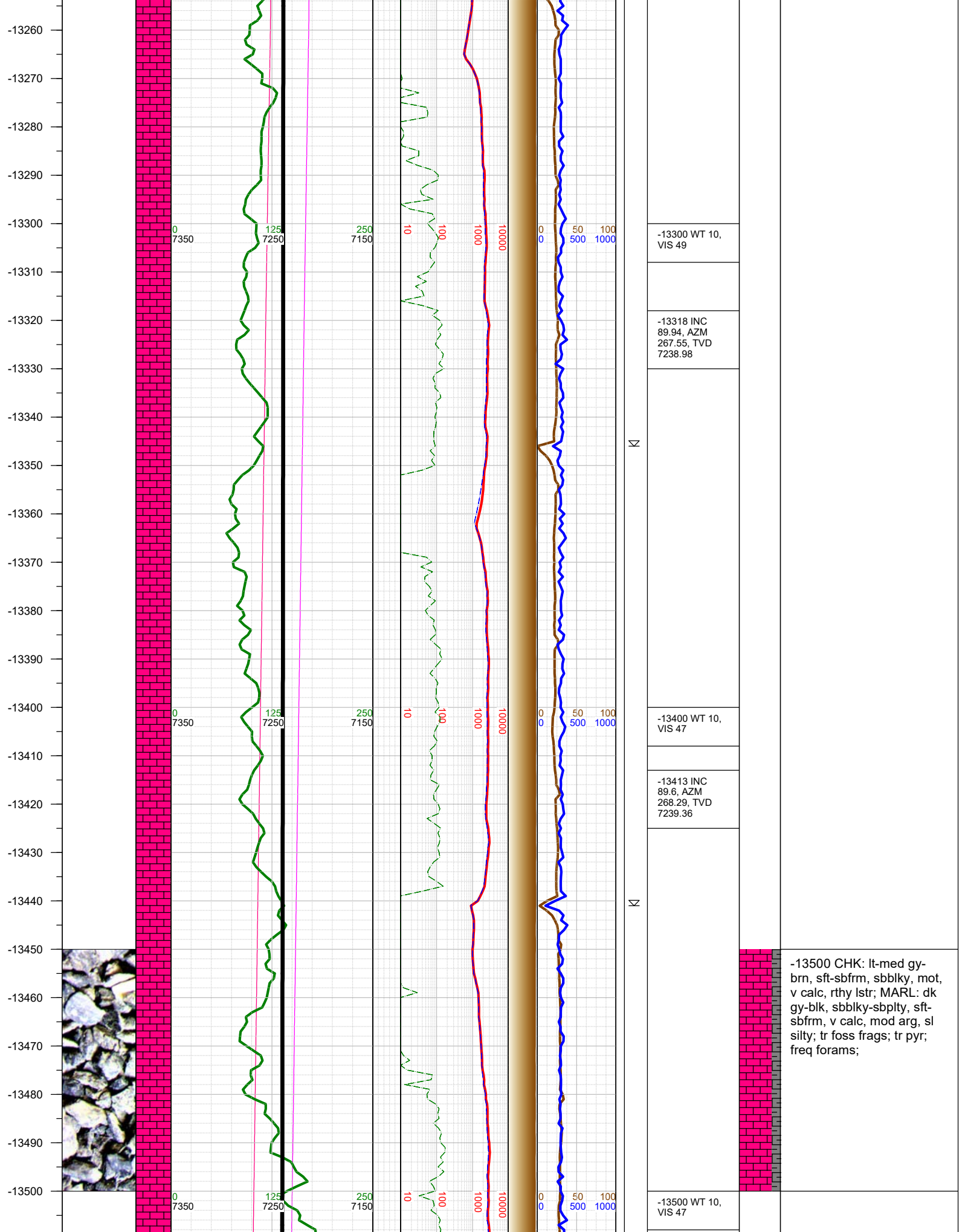
-12500 CHK: lt-med gy-  
brn, sft-sbfrm, sbbkly, mot,  
v calc, rthy lstr; MARL: dk  
gy-blk, sbbkly-sbplty, sft-  
sbfrm, v calc, mod arg, sl  
silty; mod foss frags; abndt  
forams; tr pyr;



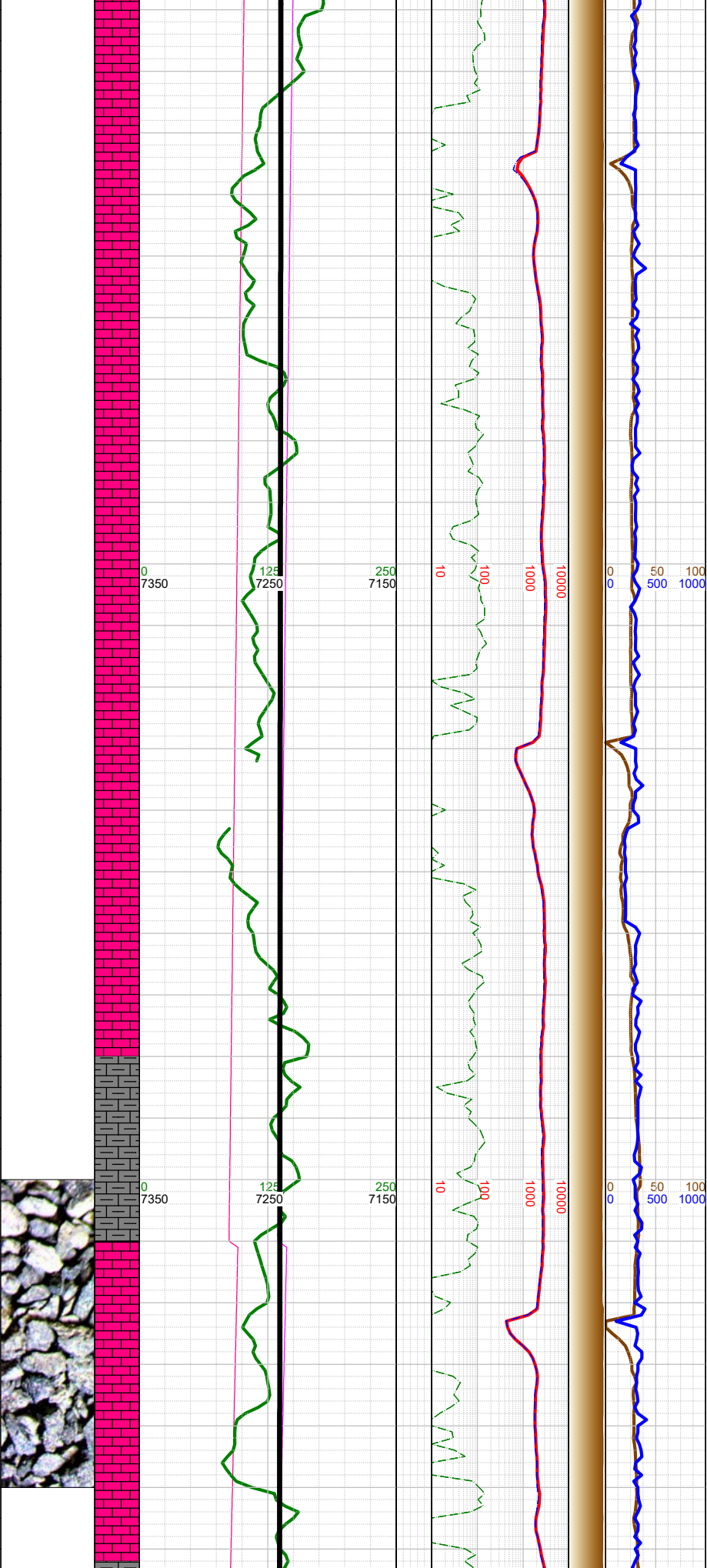








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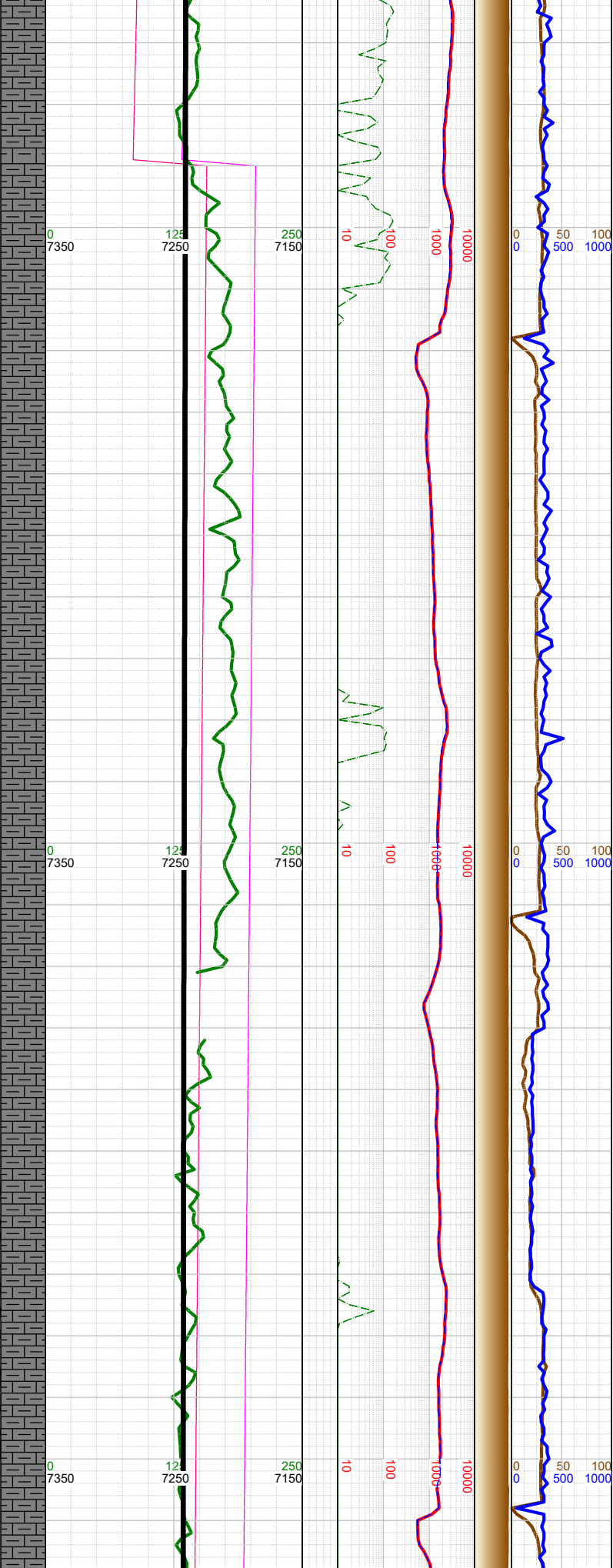
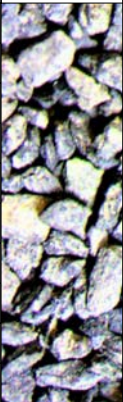


K	-13508 INC 89.82, AZM 269.33, TVD 7239.84
	-13602 INC 89.66, AZM 270.67, TVD 7240.27
	-13620 WT 10, VIS 47
N	-13696 INC 89.88, AZM 271.76, TVD 7240.65
	-13710 Fault: 7' up-throw; went from A Marl to B Chalk
	-13730 WT 10, VIS 47

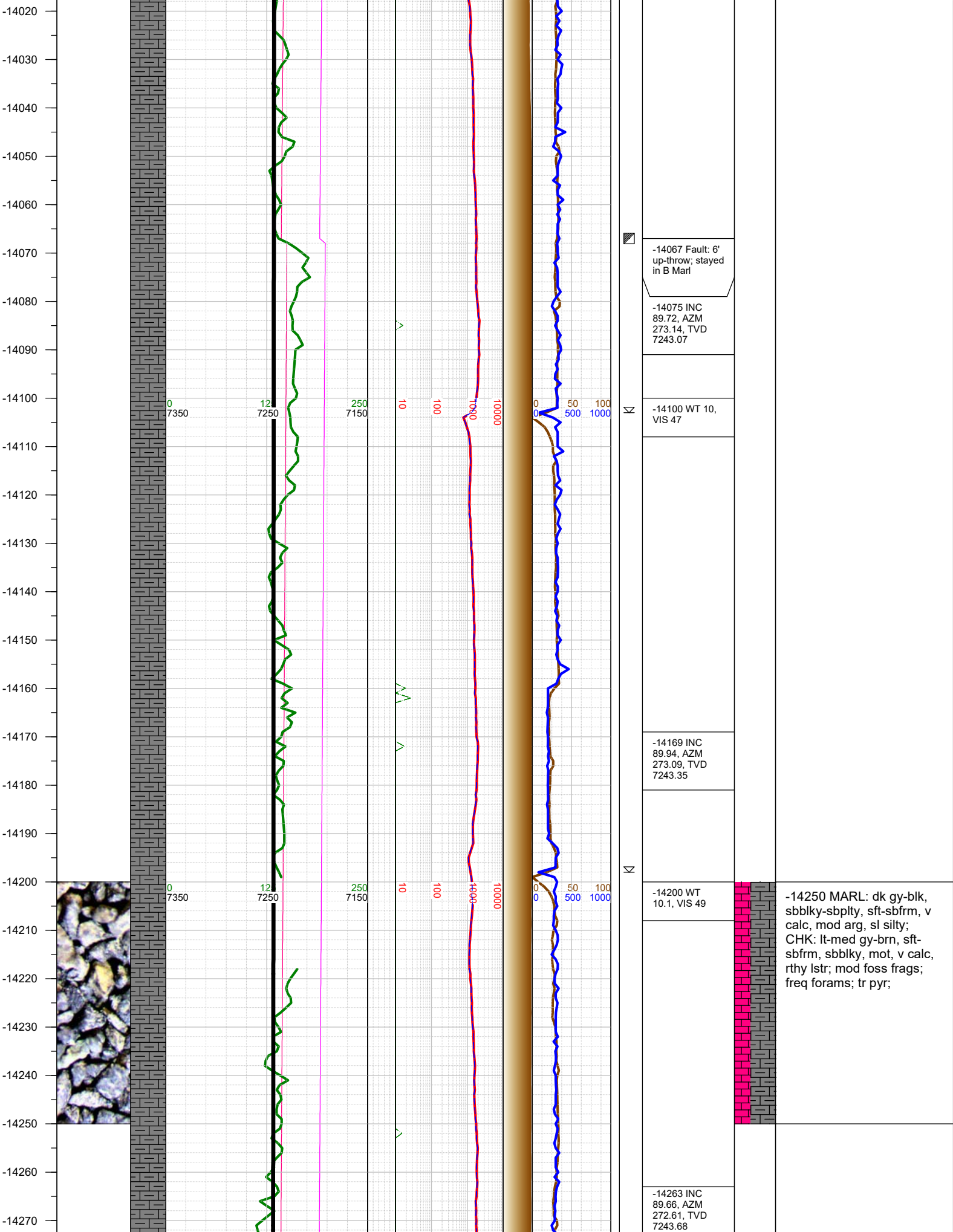
-13750 CHK: lt-med gy-  
brn, sft-sbfrm, sbbiky, mot,  
v calc, rthy lstr; MARL: dk  
gy-blk, sbbiky-sbplty, sft-  
sbfrm, v calc, mod arg, sl  
silty; tr foss frags; tr  
forams; tr bent; tr pyr;

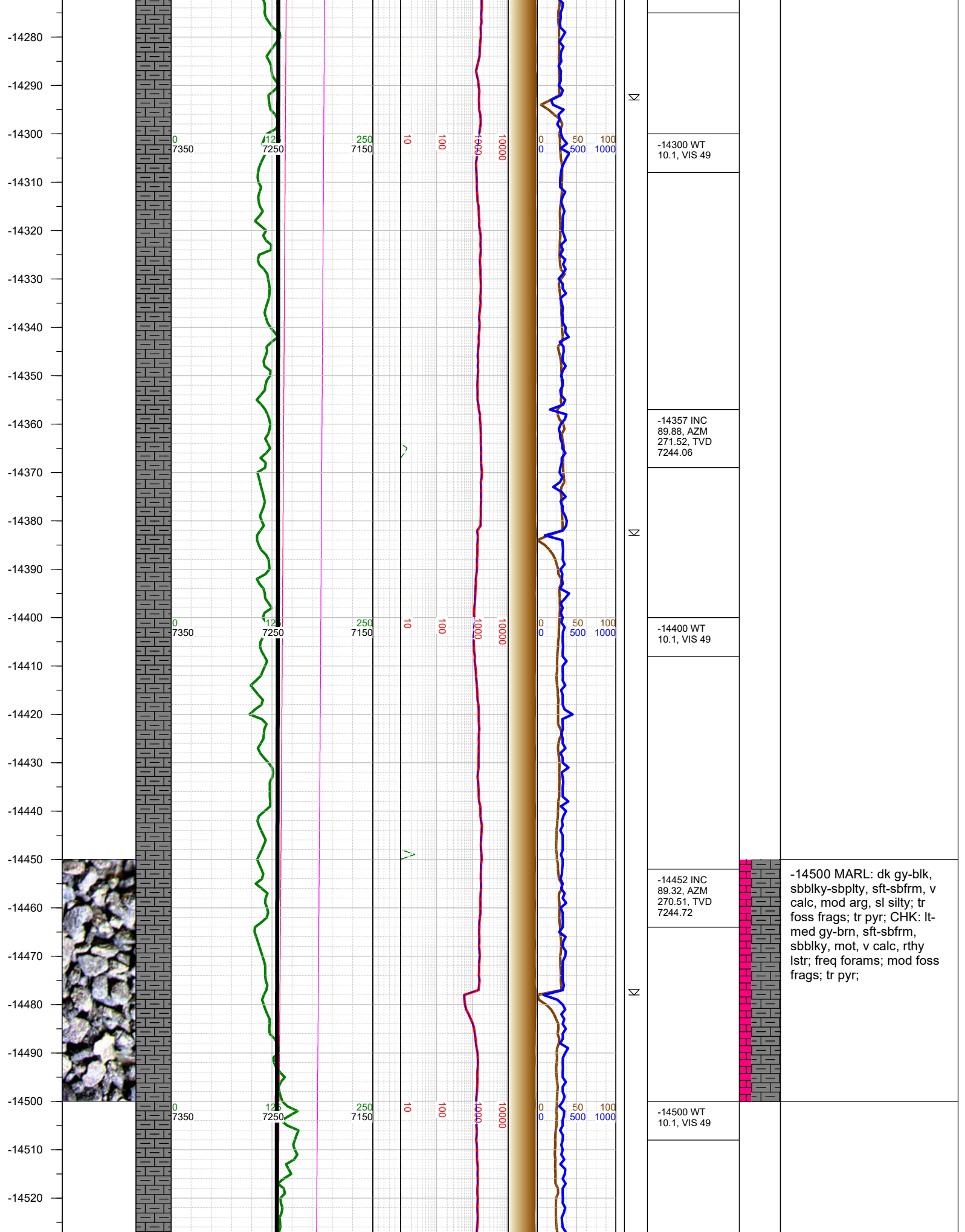


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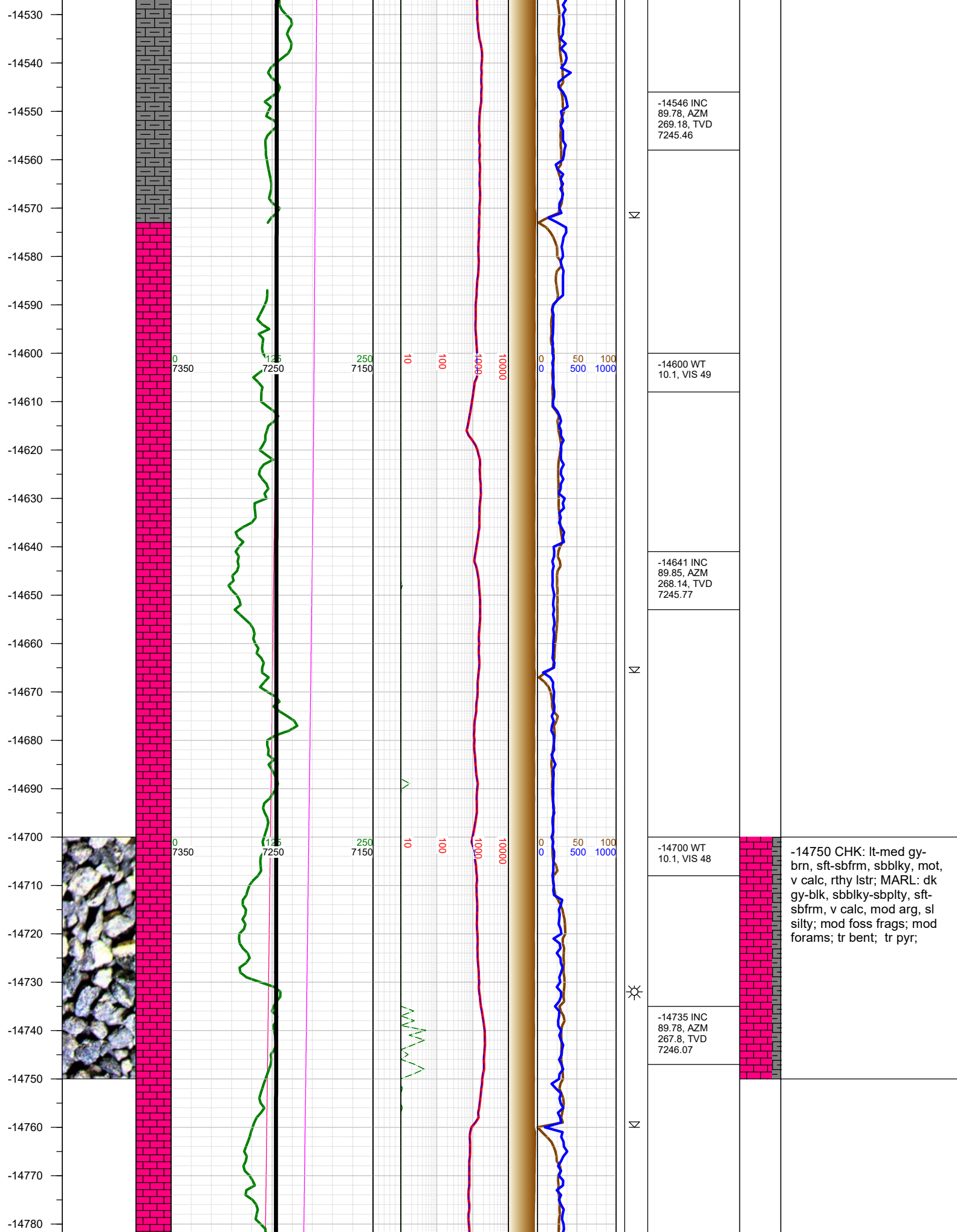


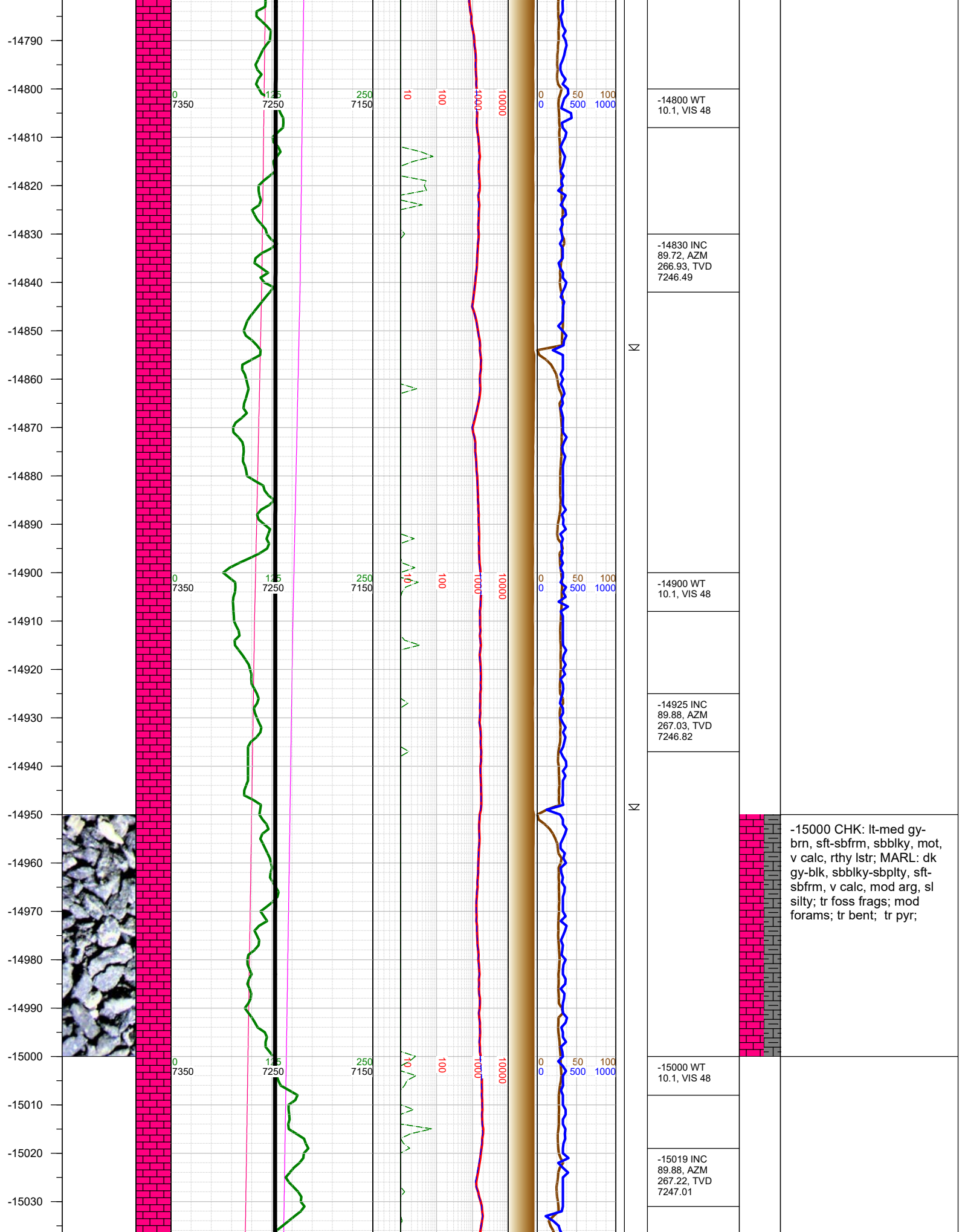
-13789 Fault: 57" up-throw; went from A Marl to B Marl	-13791 INC 89.6, AZM 271.87, TVD 7241.08	-13820 WT 10, VIS 47	-13885 INC 89.35, AZM 273.08, TVD 7241.94	-13900 WT 10, VIS 47	-14000 MARL: dk gy-blk, sbbly-sbplty, sft-sbfrm, v calc, mod arg, sl silty; CHK: lt-med gy-brn, sft- sbfrm, sbbly, mot, v calc, rthy lstr; mod foss frags; freq forams; tr pyr;
-13980 INC 89.78, AZM 273.04, TVD 7242.66	-14000 WT 10, VIS 47				

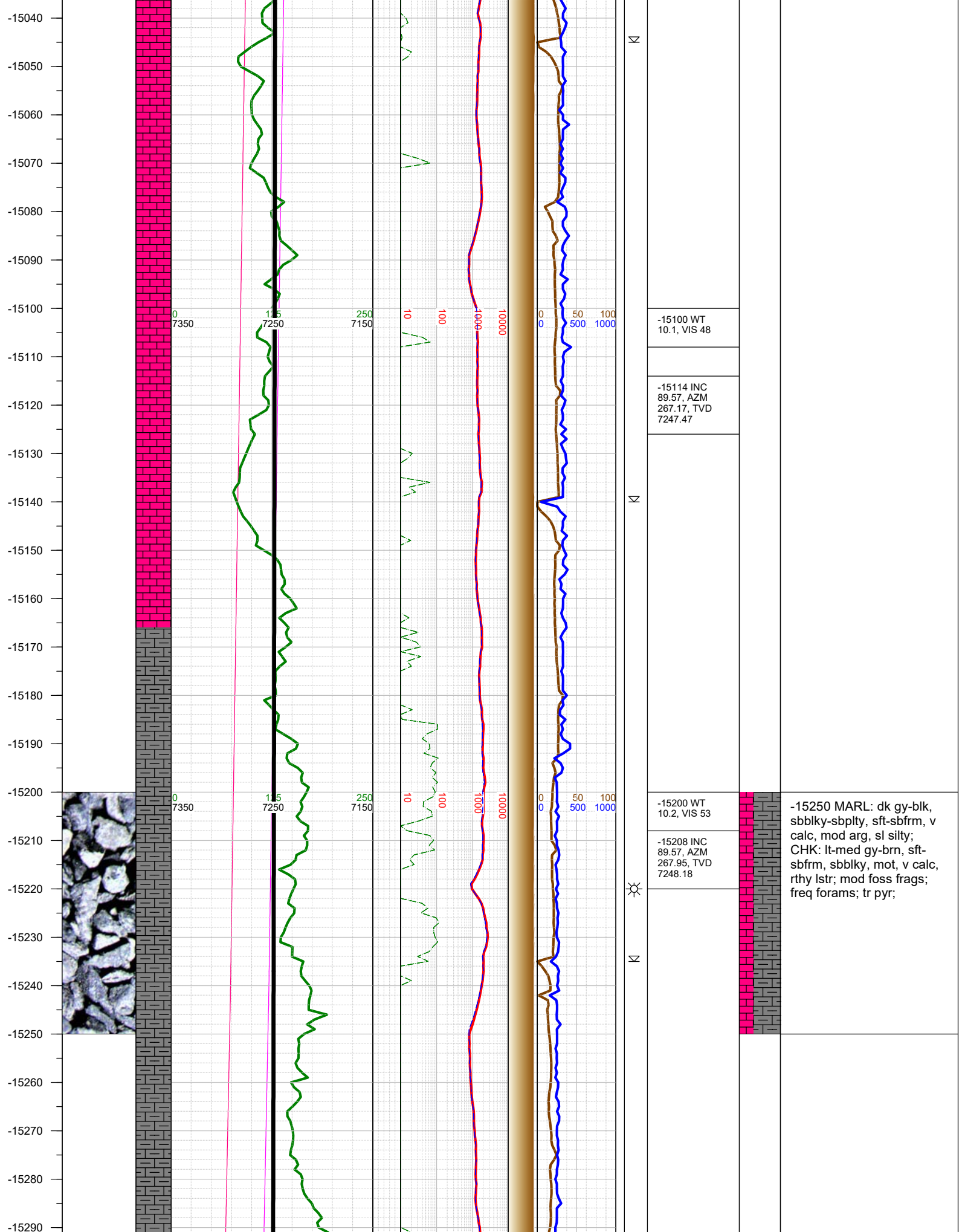




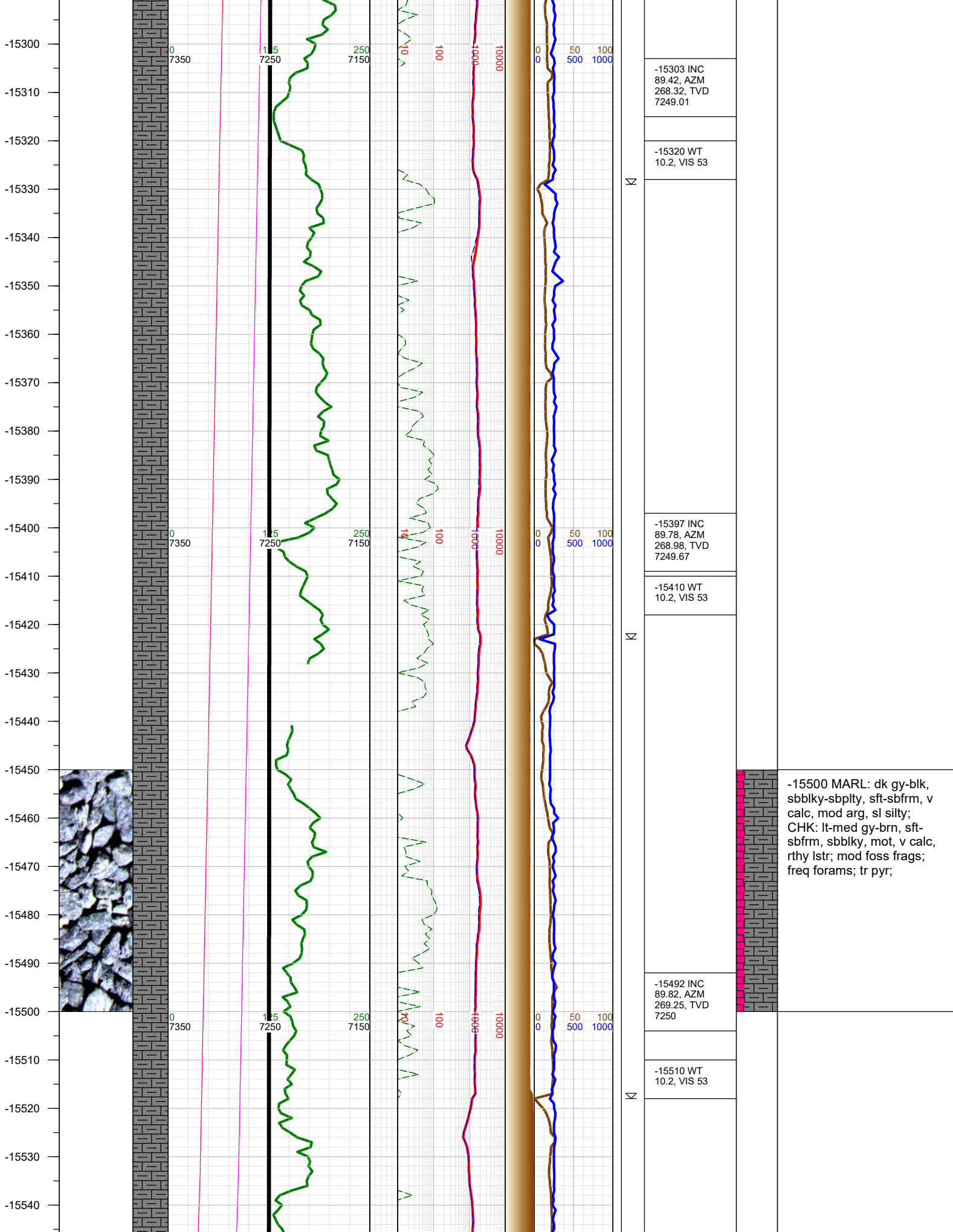






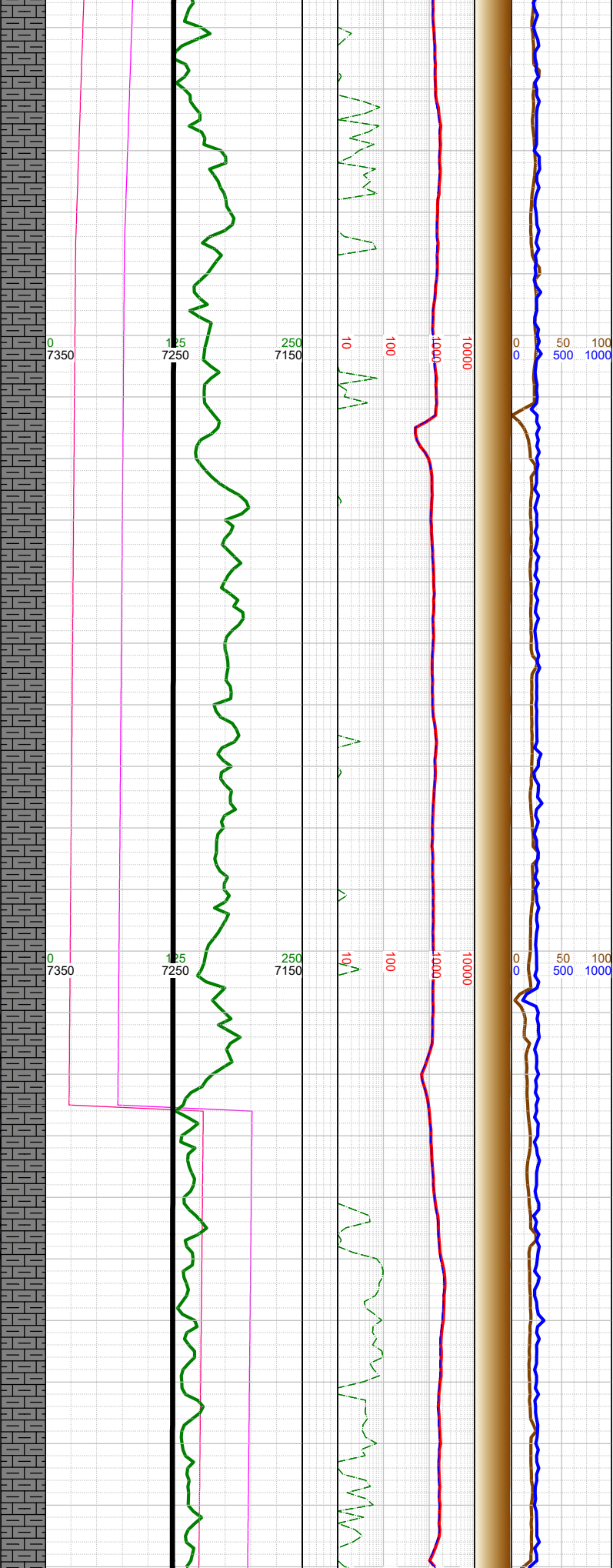
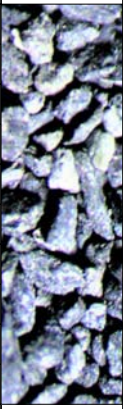




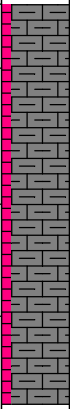


-15500 MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, v calc, mod arg, sl silty; CHK: lt-med gy-brn, sft-sbfrm, sbblky, mot, v calc, rthy lstr; mod foss frags; freq forams; tr pyr;

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-15800



N	-15586 INC 89.82, AZM 269.82, TVD 7250.3
	-15600 WT 10.2, VIS 54
N	-15681 INC 89.75, AZM 270.64, TVD 7250.65
	-15700 WT 10.2, VIS 54
▨	-15725 Fault: 105' up-throw; went from A Marl to B Marl
A	-15775 INC 89.69, AZM 270.34, TVD 7251.11
	-15779 0000 hrs on 8/1/2019



-15750 MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, v calc, mod arg, sl silty; tr foss frags; tr pyr; CHK: lt-med gy-brn, sft-sbfrm, sbblky, mot, v calc, rthy lstr; freq forams; mod foss frags; tr pyr;

