

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

WELL NAME: **G&D Hanks X-27-28HN**

FIELD NAME: DJ Basin - Wattenberg

DRILLING RIG: True 38

API #: 05-123-46030

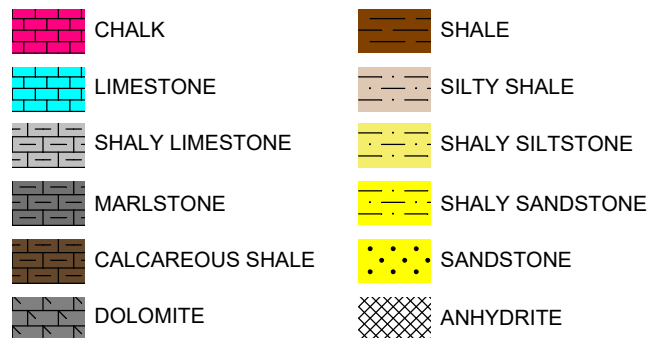
LAT/LONG: 40.541801, -104.759855  
SURFACE HOLE: SWSE S27-T7N-R66W, 1123' FSL, 1575' FEL  
BOTTOM HOLE: S28-T7N-R66W, 160' FSL, 5' FWL



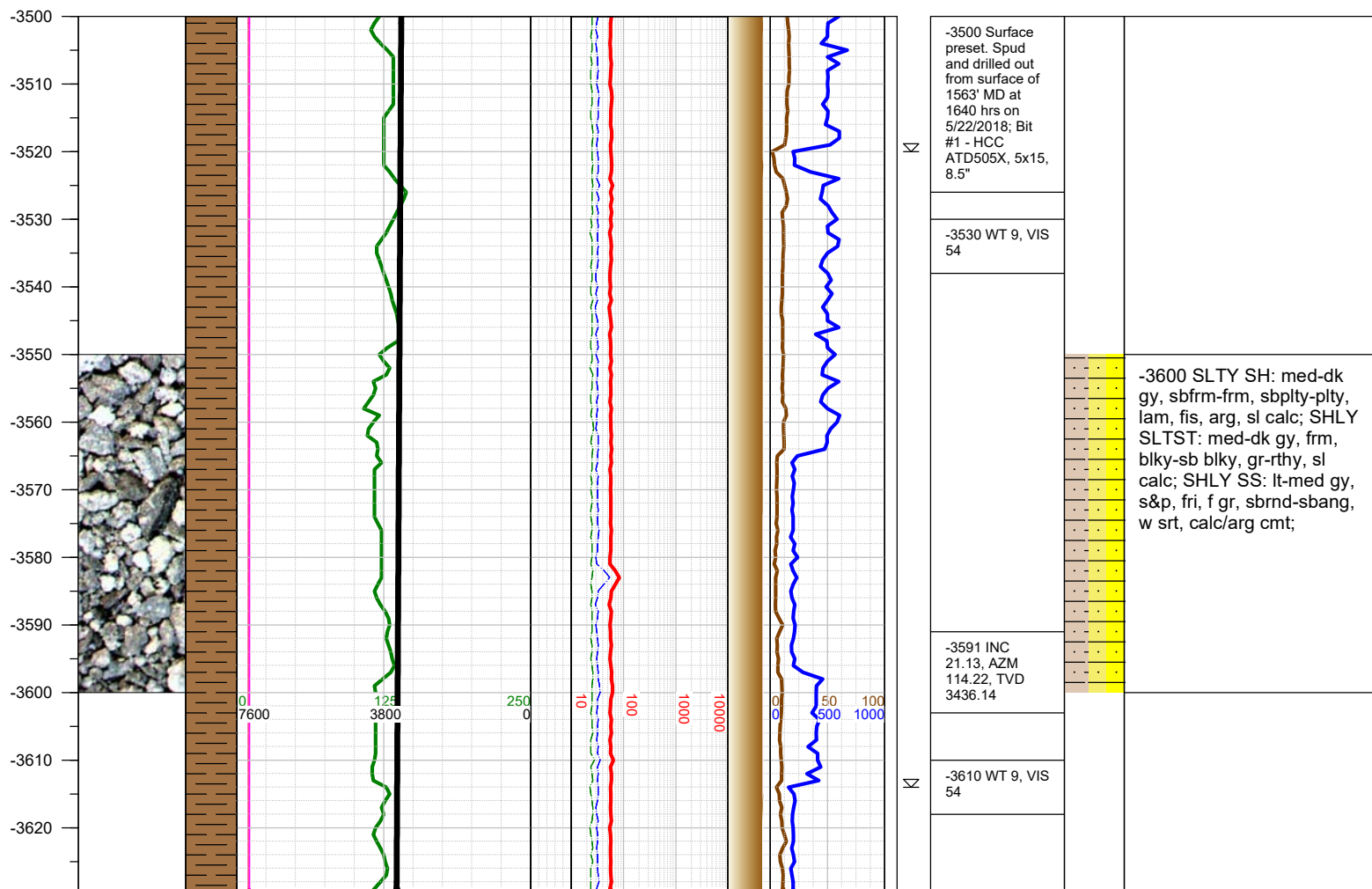
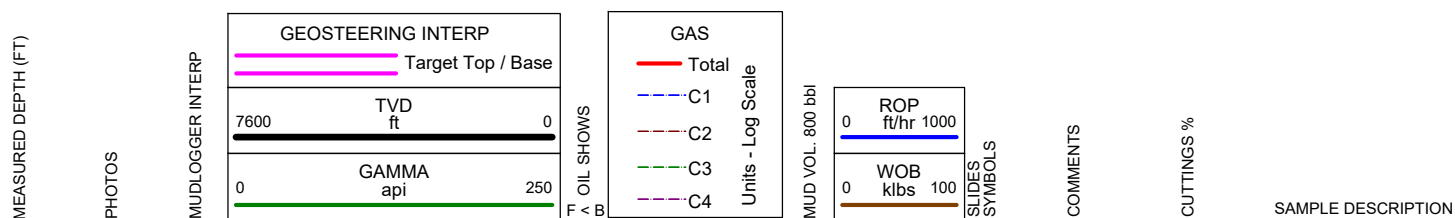
Earth Science Agency, LLC

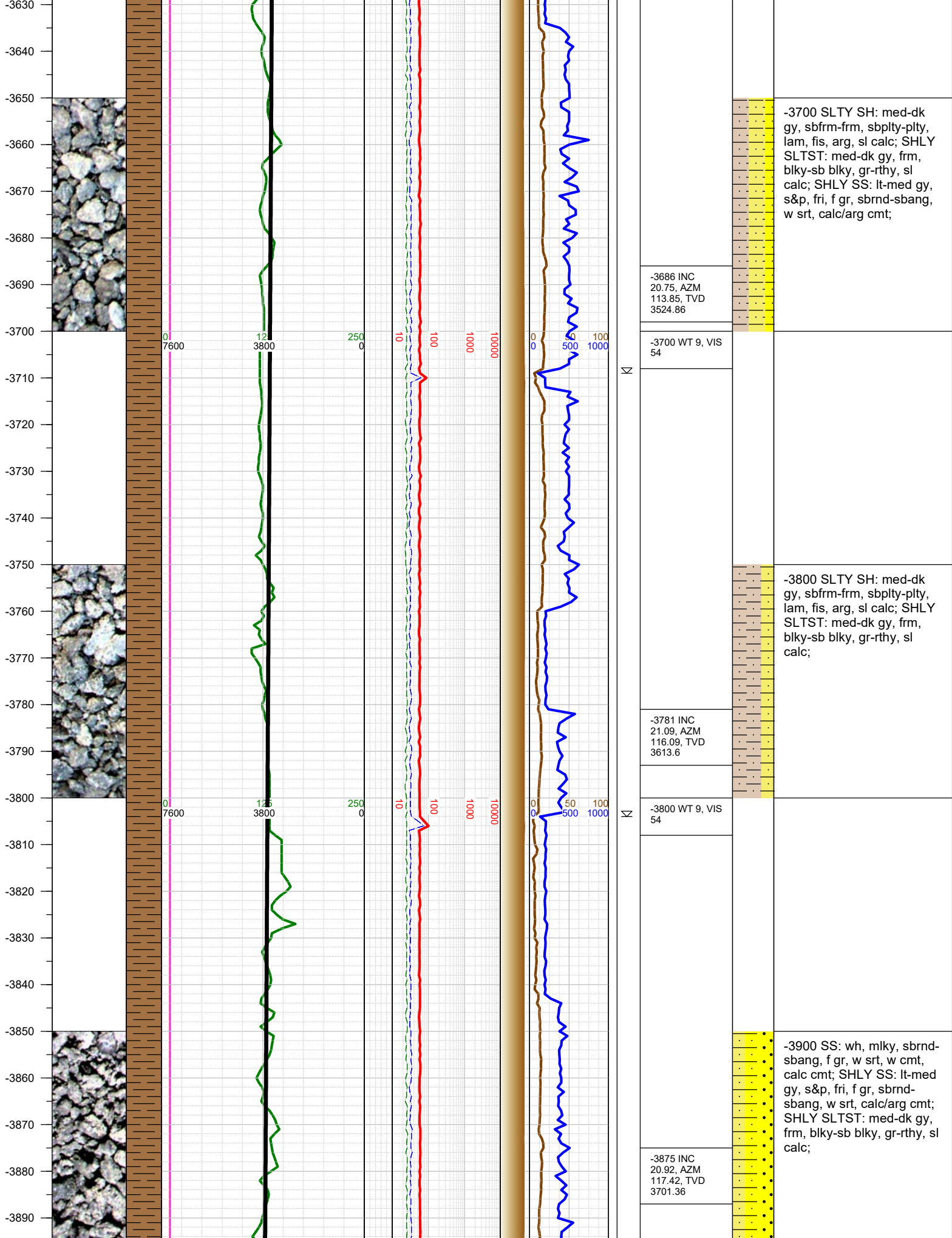
COUNTY: Weld  
STATE: Colorado  
GROUND ELEVATION: 4876'  
KELLY BUSHING: 4901'  
DRILLING FLUID: OBM  
TVD VS. MD: 7291' / 18352'  
SPUD DATE: May 22, 2018  
TD DATE: May 27, 2018  
  
DEPTHS LOGGED: 3500' - 18352'  
DATES LOGGED: May 23, 2018 - May 27, 2018  
GEOLOGISTS: Kyle Newman, Curtis Magnino  
SCALE: 5" = 100'

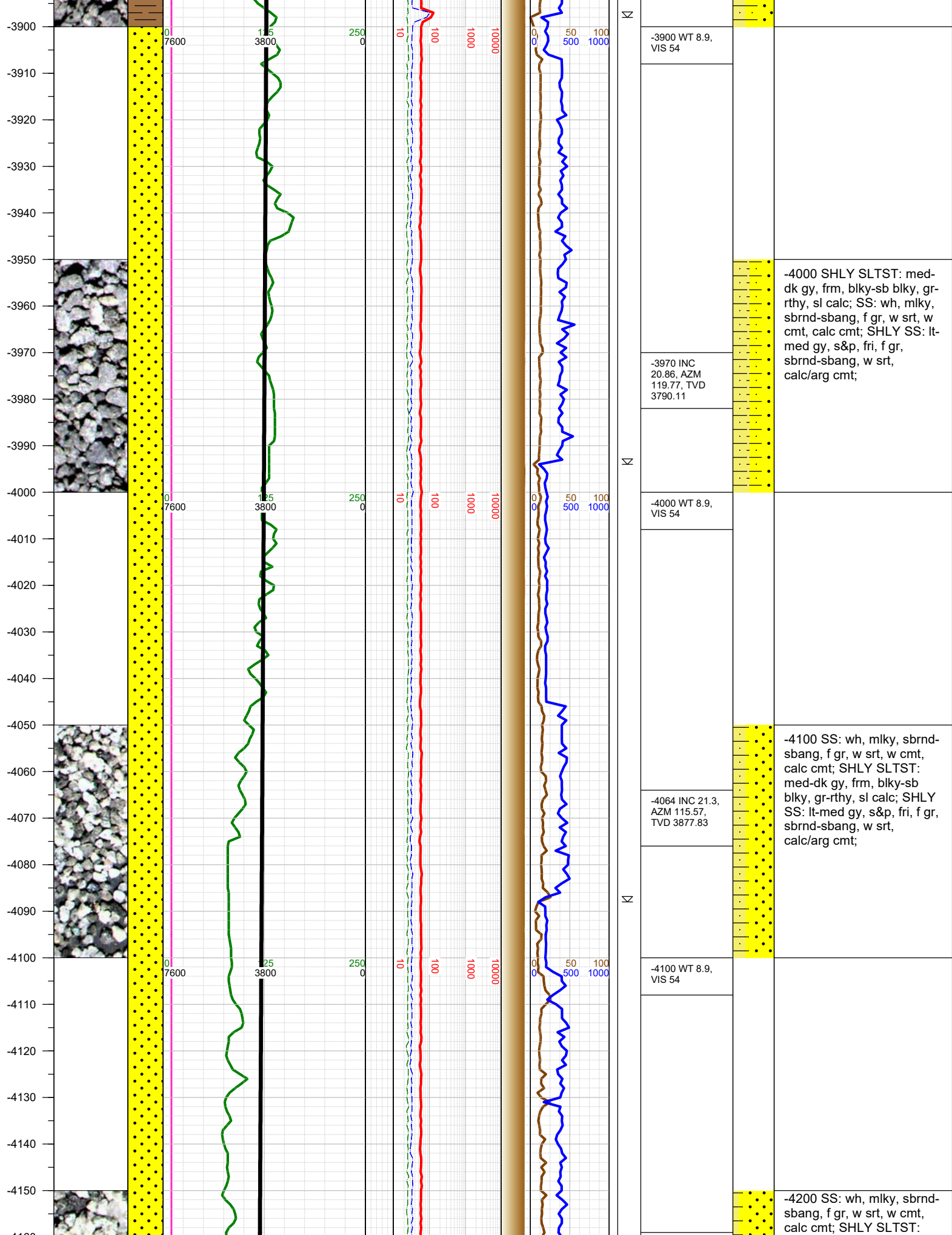
#### LEGEND



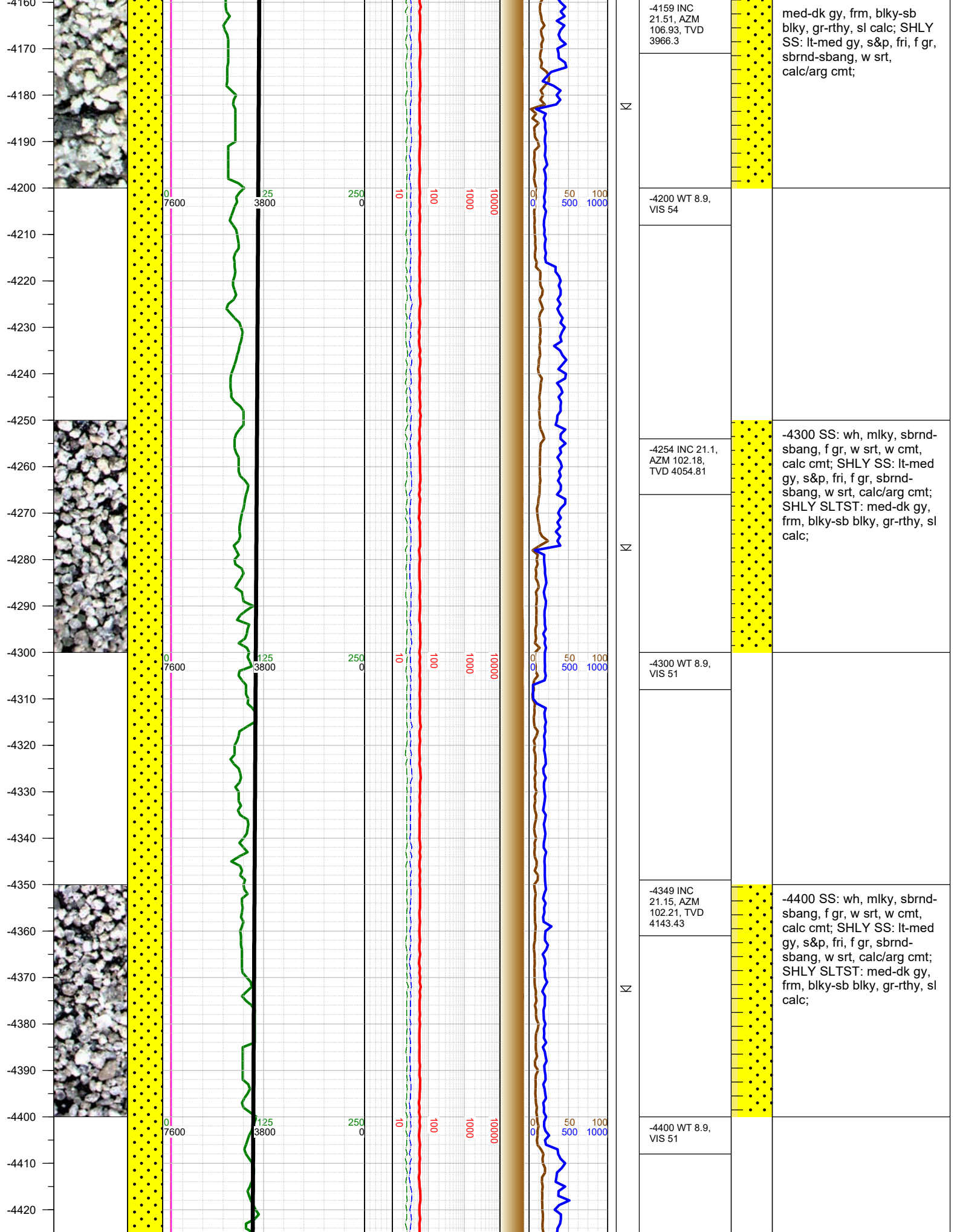
FORMATION  $\approx$  CONNECTION  $\Delta$  MIDNIGHT NEW BIT GAS SHOW FAULT



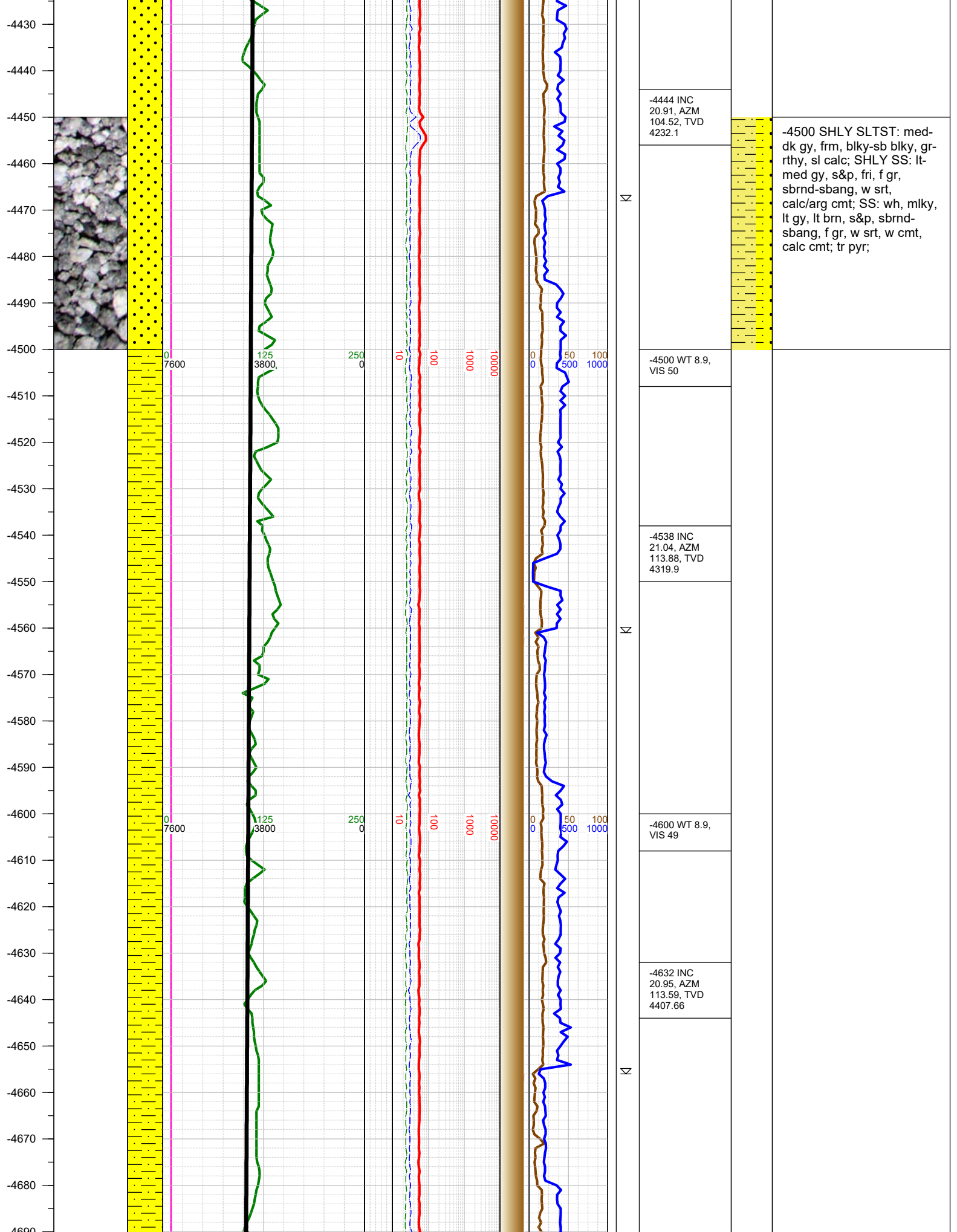


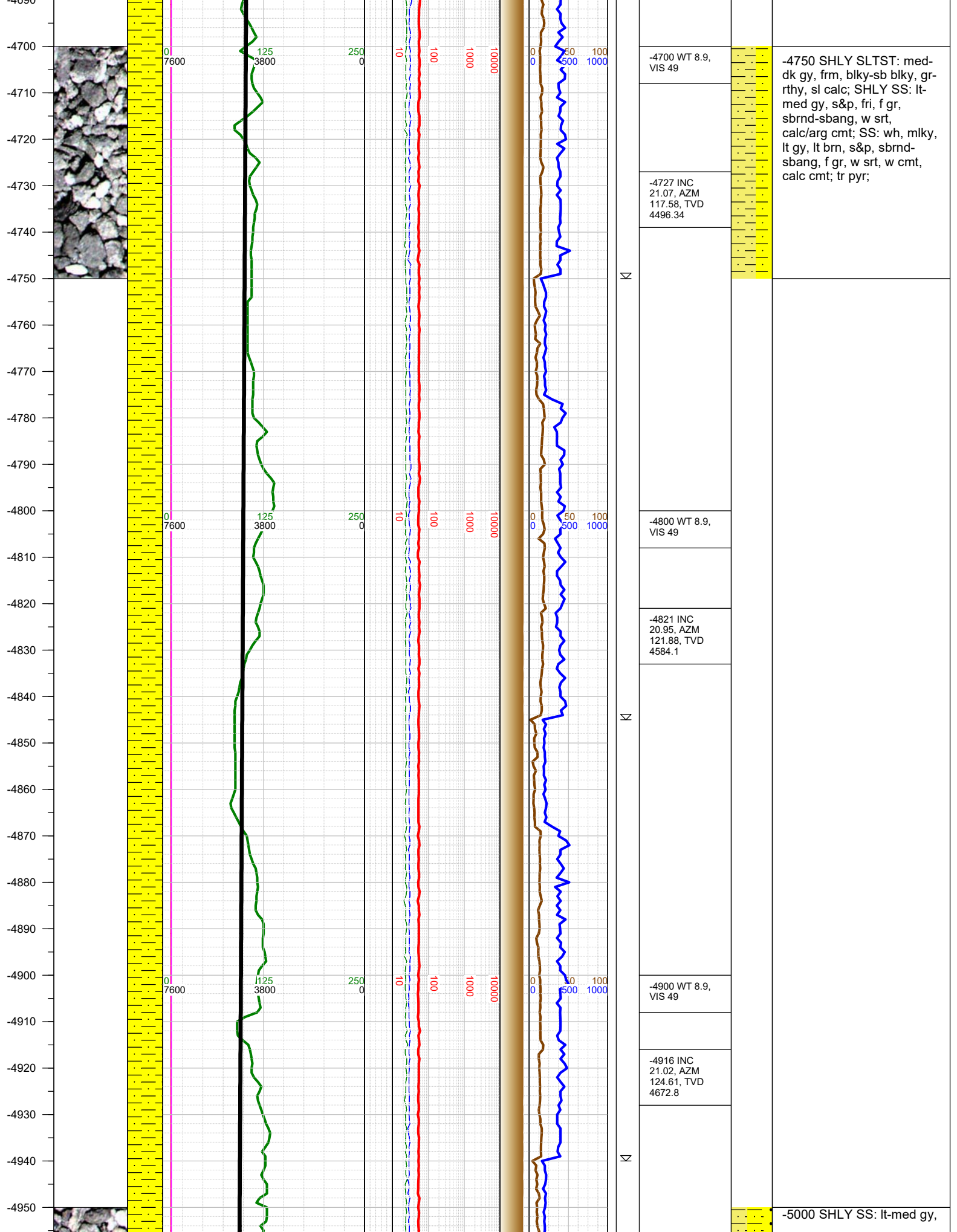


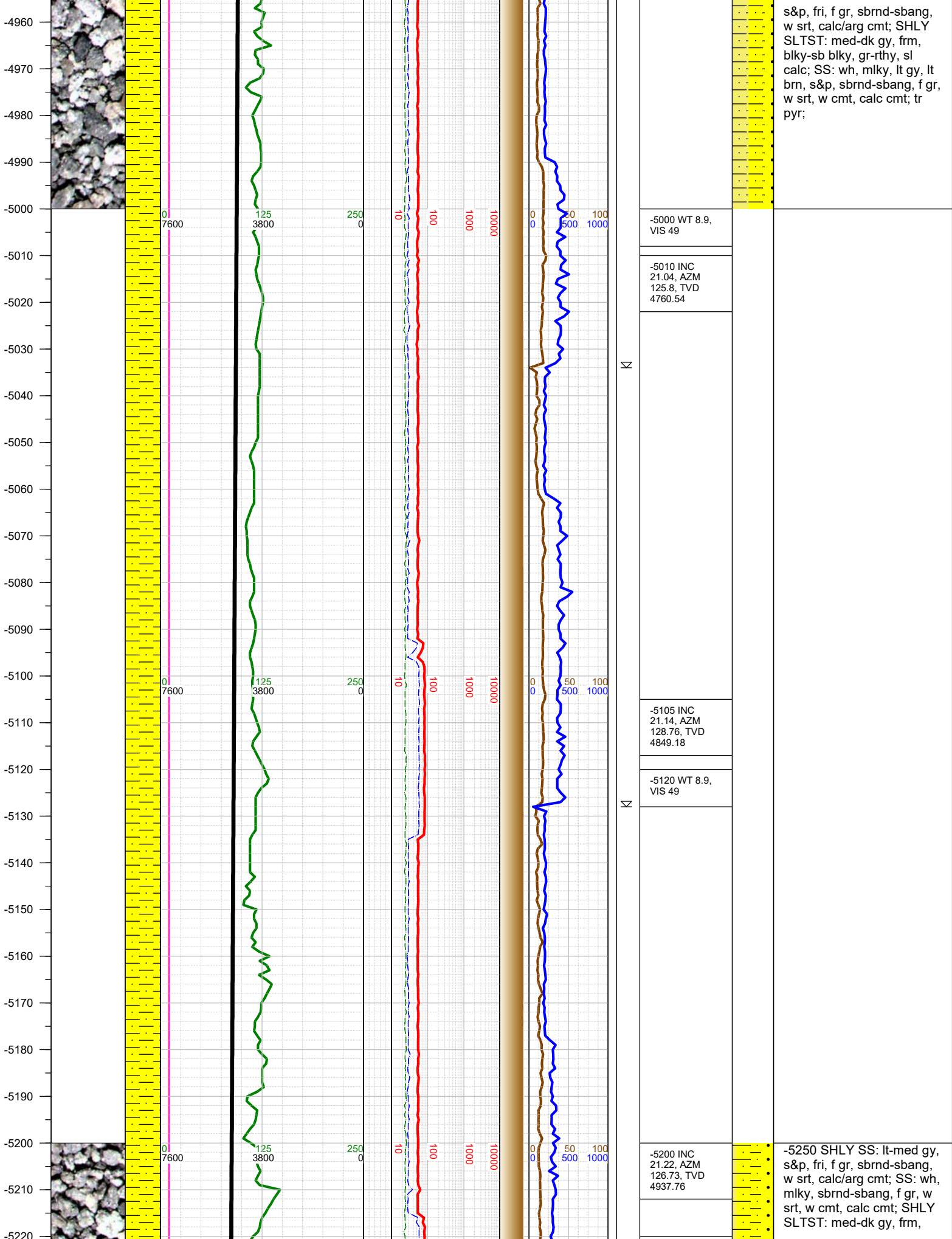




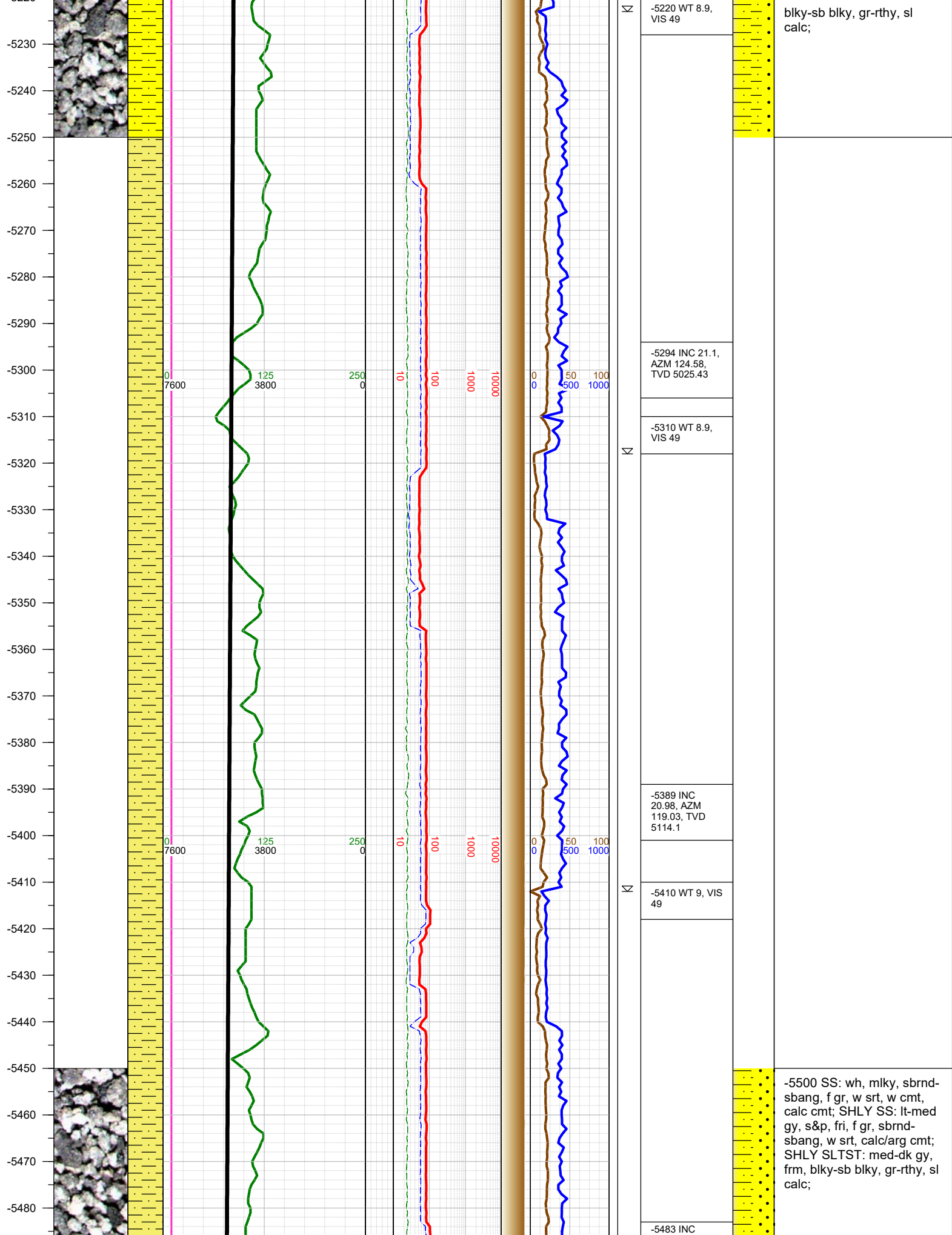


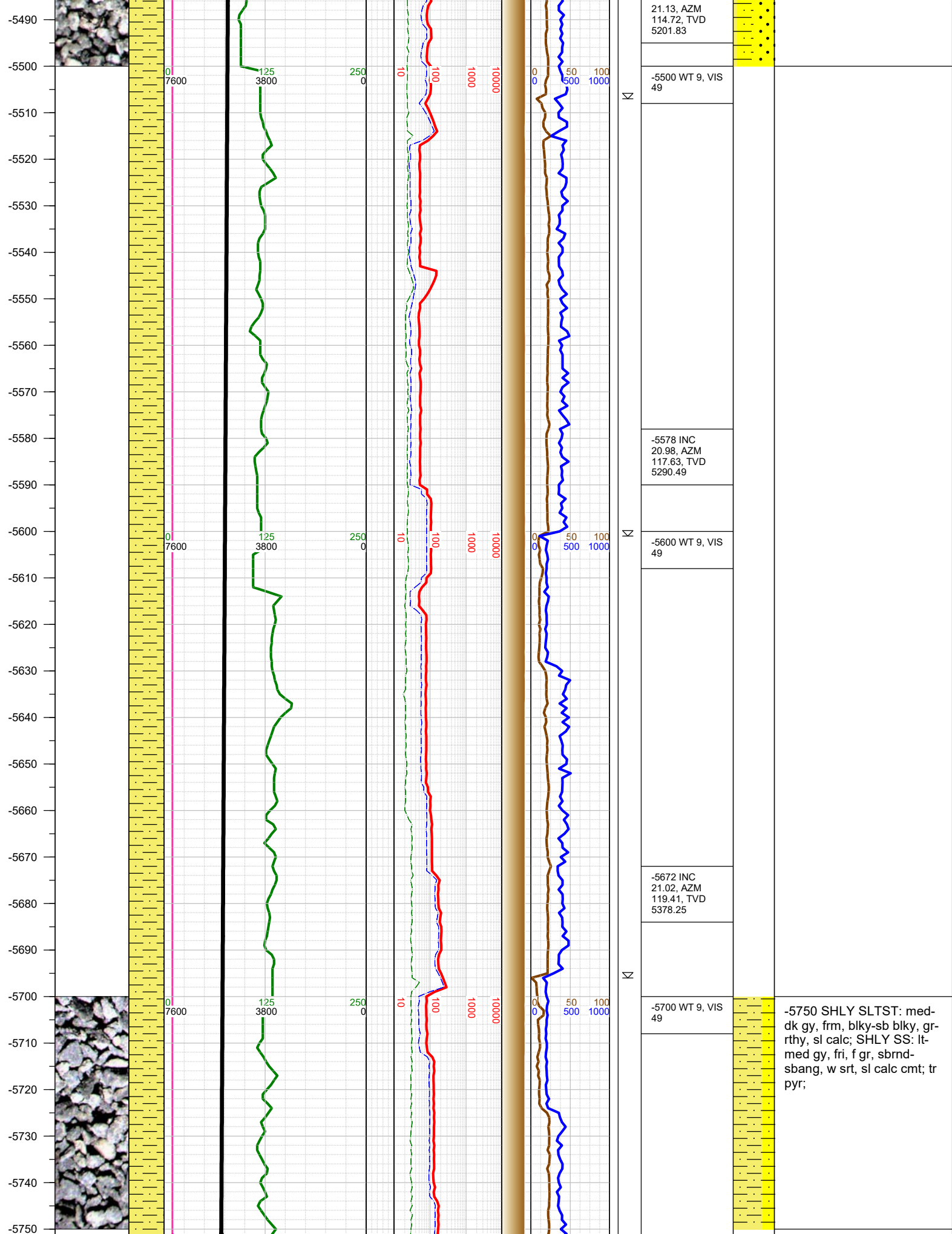


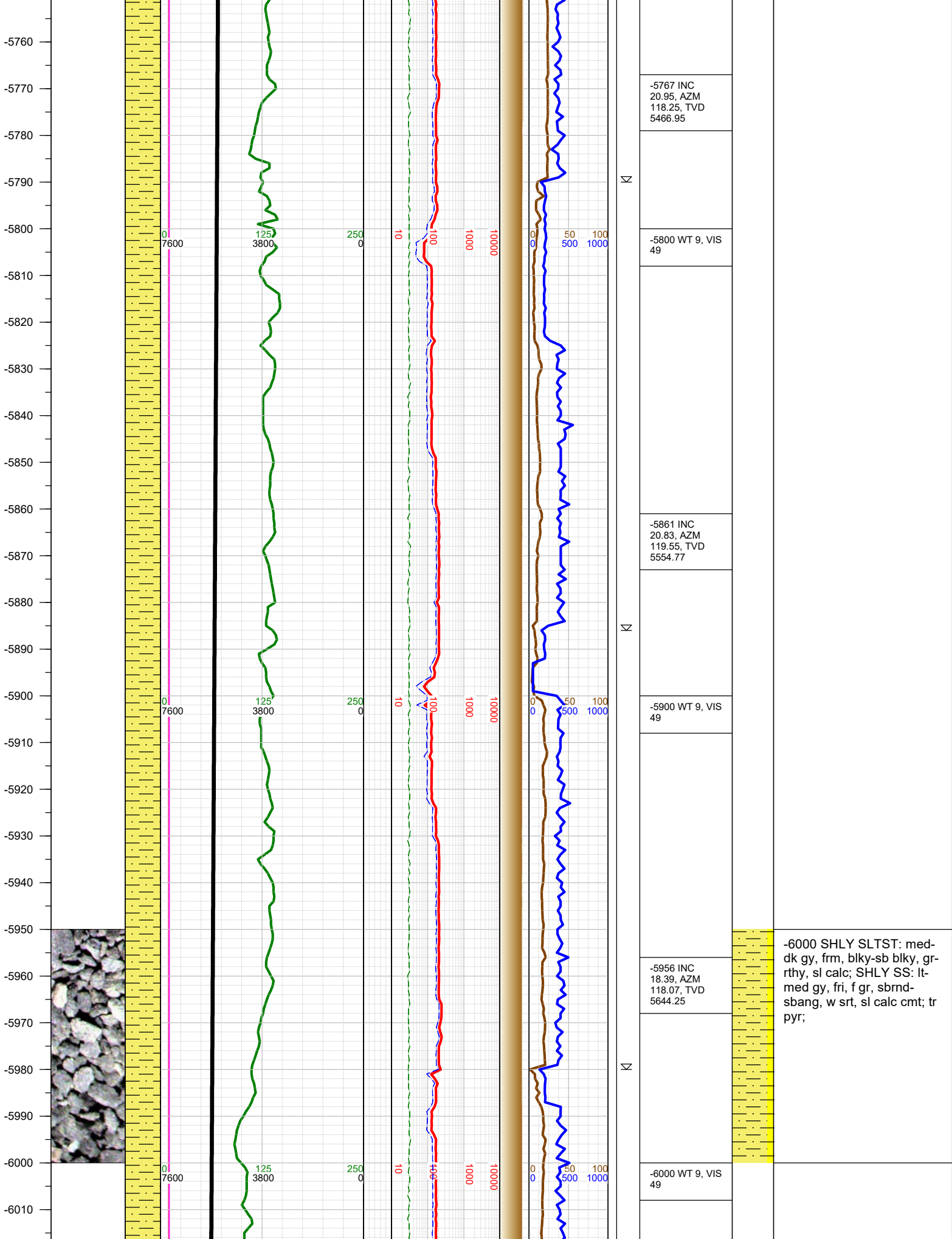






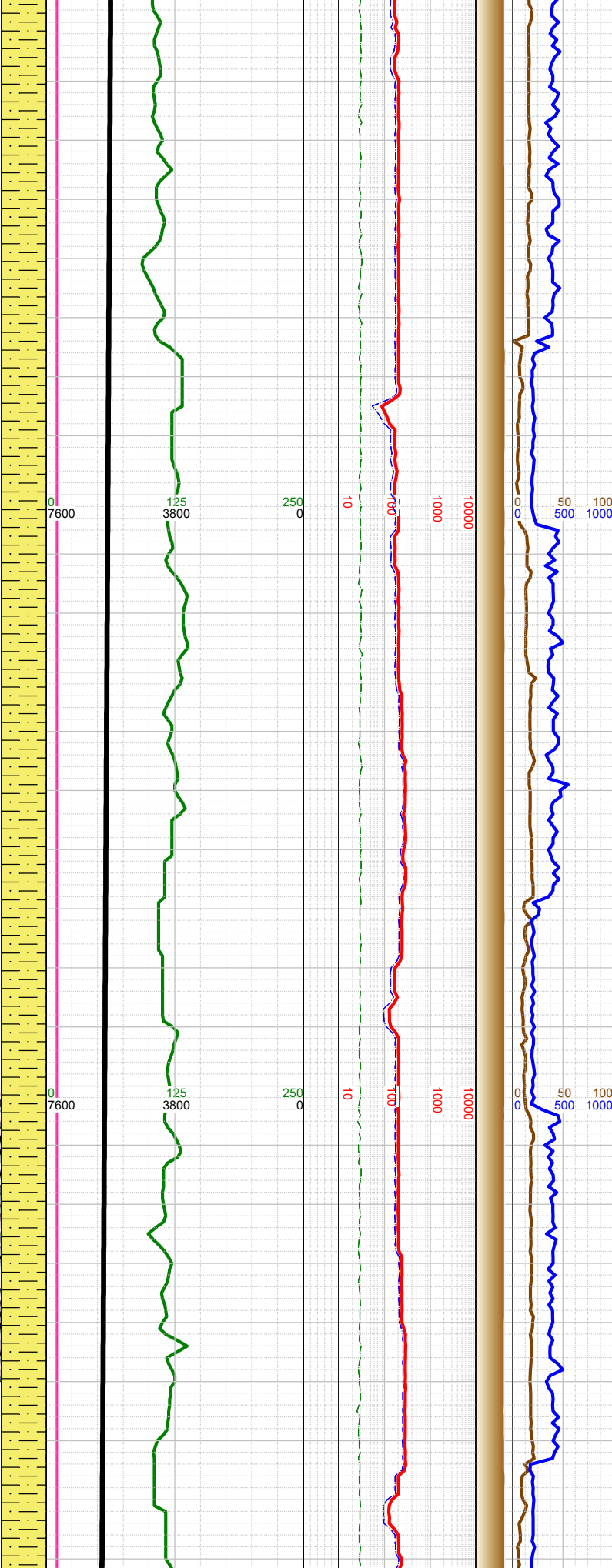
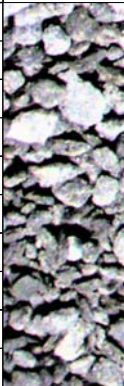








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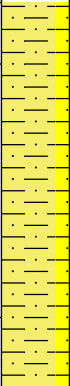
-6051 INC  
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119.88, TVD  
5734.28

-6100 WT 8.9,  
VIS 47

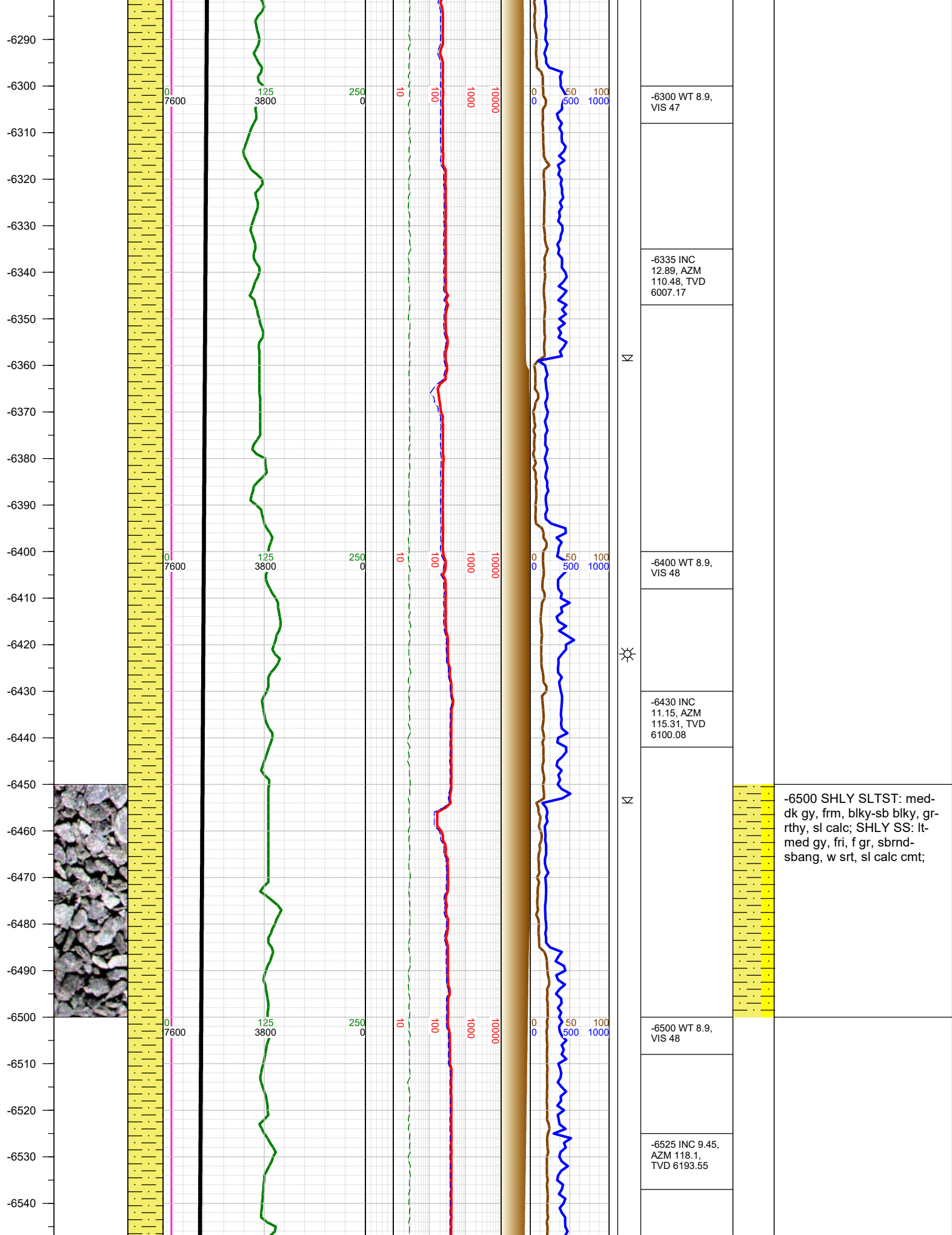
-6146 INC  
16.71, AZM  
114.12, TVD  
5824.75

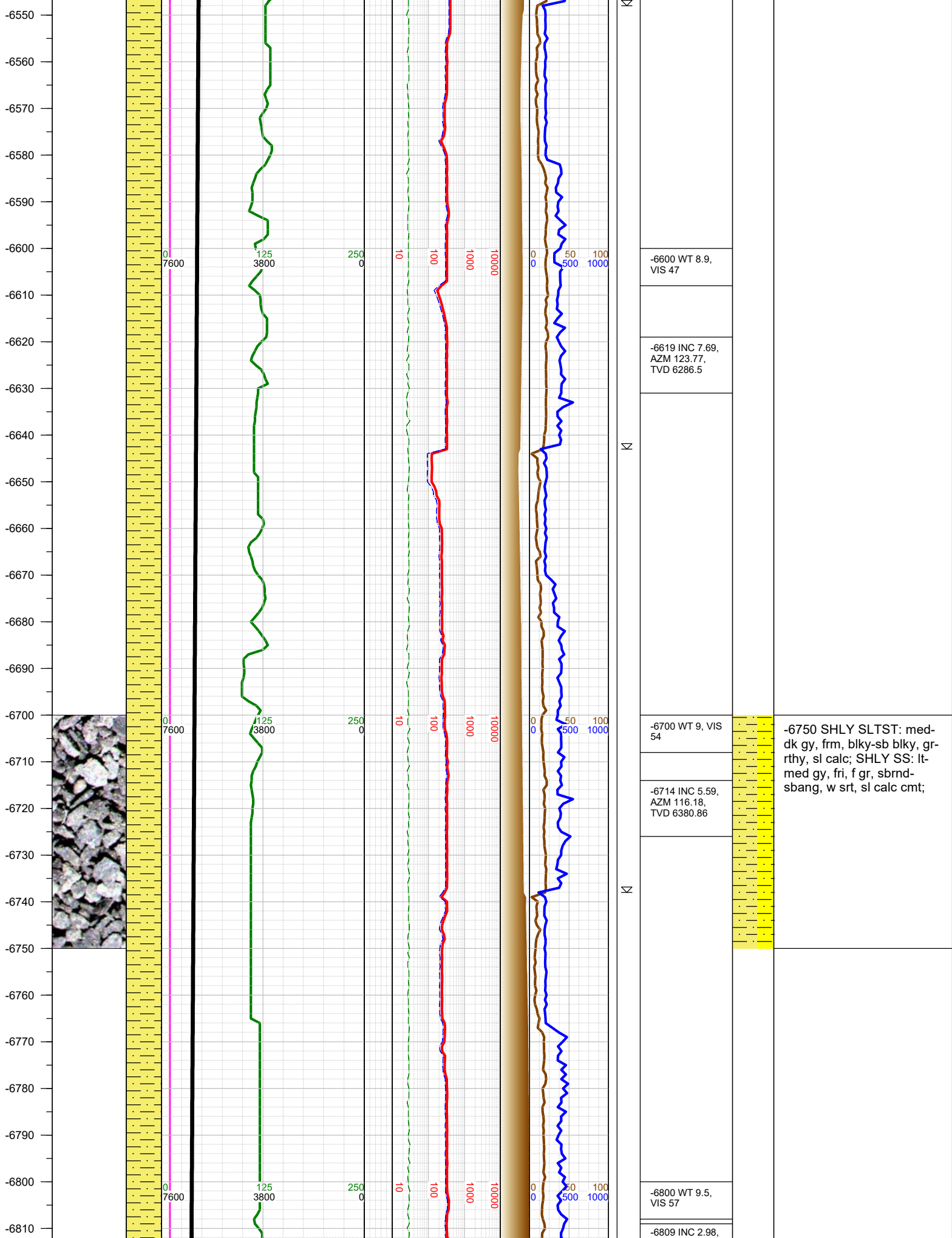
-6200 WT 8.9,  
VIS 47

-6241 INC  
15.45, AZM  
110.27, TVD  
5916.04



-6250 SHLY SLTST: med-  
dk gy, frm, blkyl-sb blkyl, gr-  
rthy, sl calc; SHLY SS: lt-  
med gy, fri, f gr, sbrnd-  
sbang, w srt, sl calc cmt;

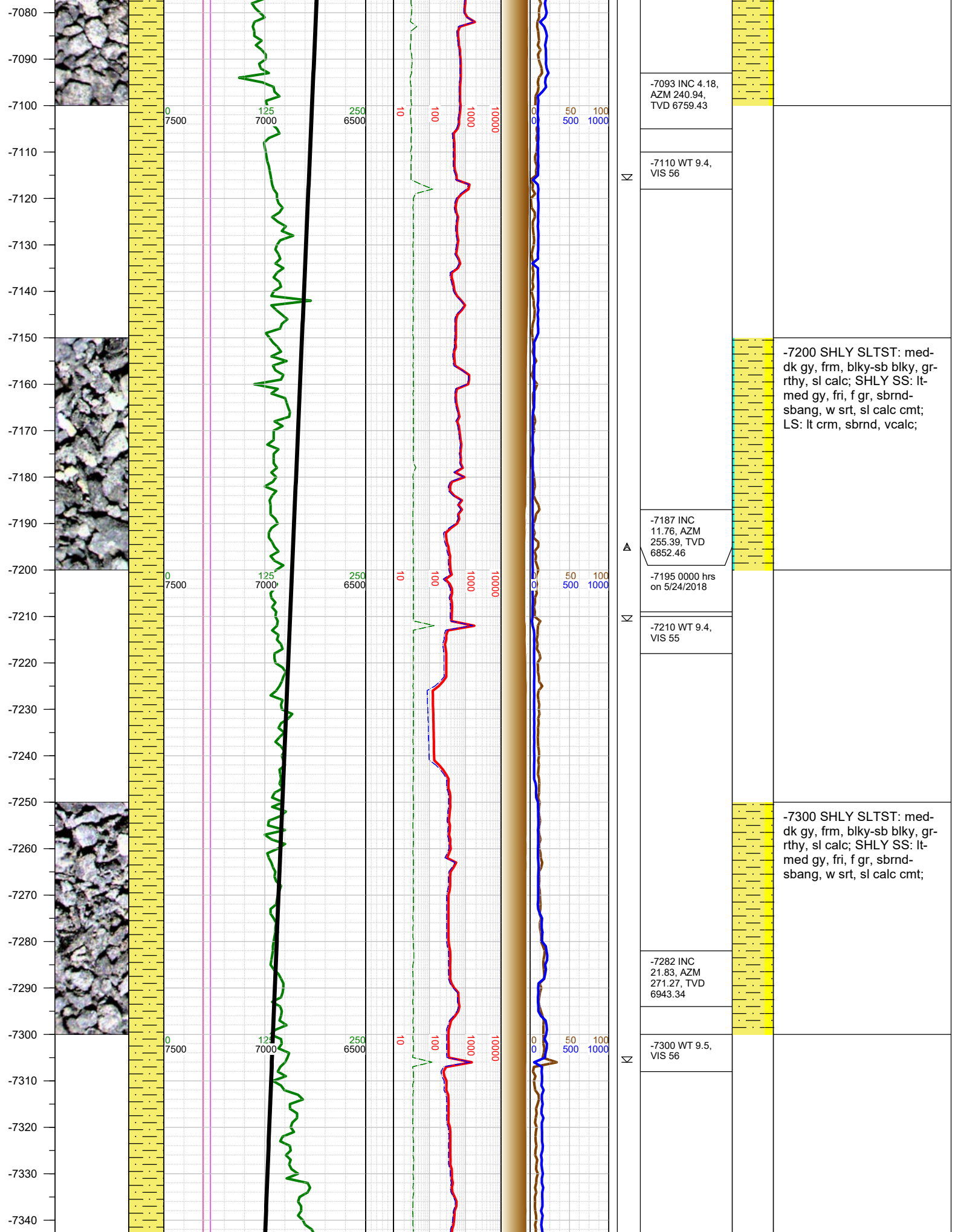


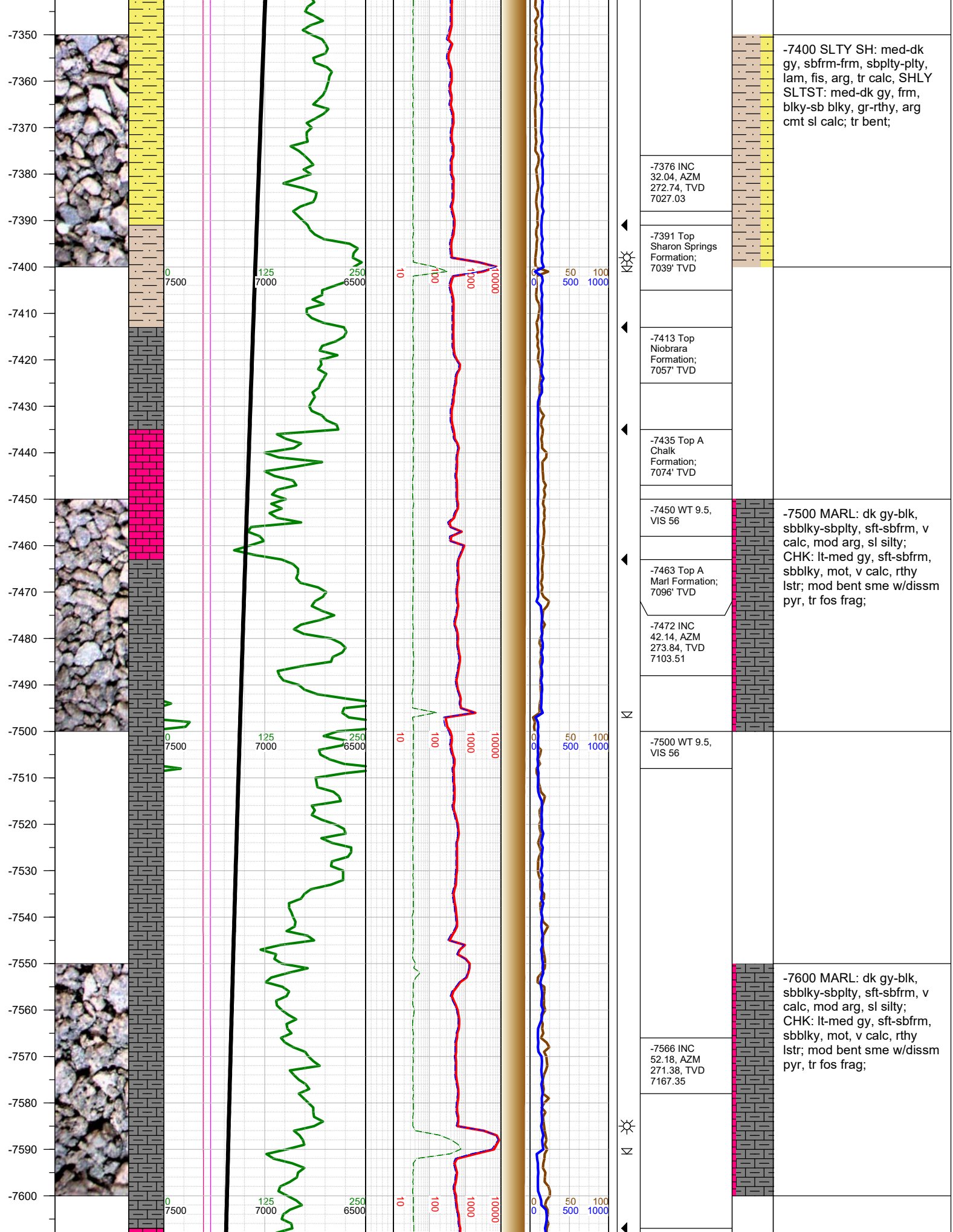


-6750 SHLY SLTST: med-  
dk gy, frm, blk-y-sb blk-y, gr-  
rthy, sl calc; SHLY SS: lt-  
med gy, fri, f gr, sbrnd-  
sbang, w srt, sl calc cmt;

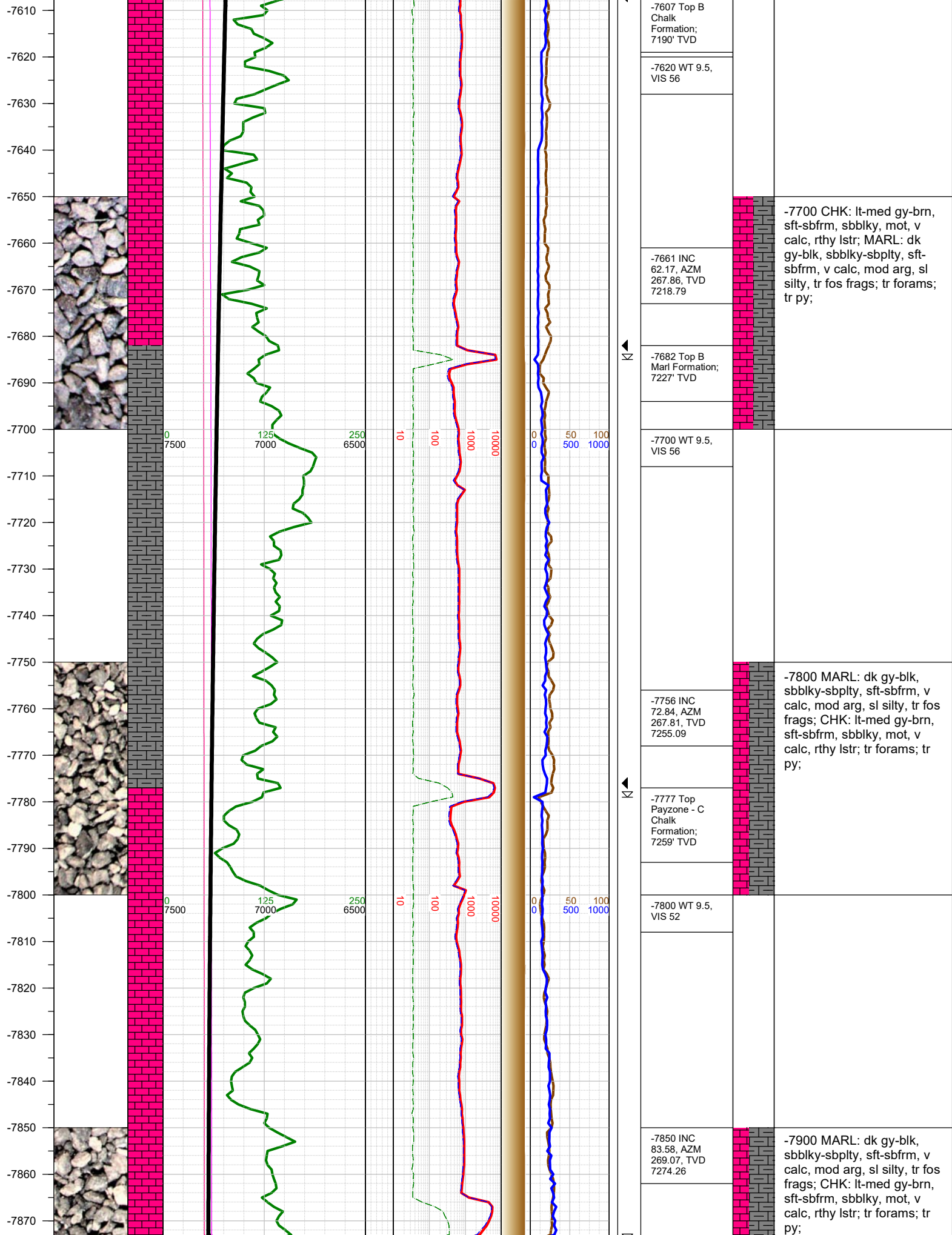


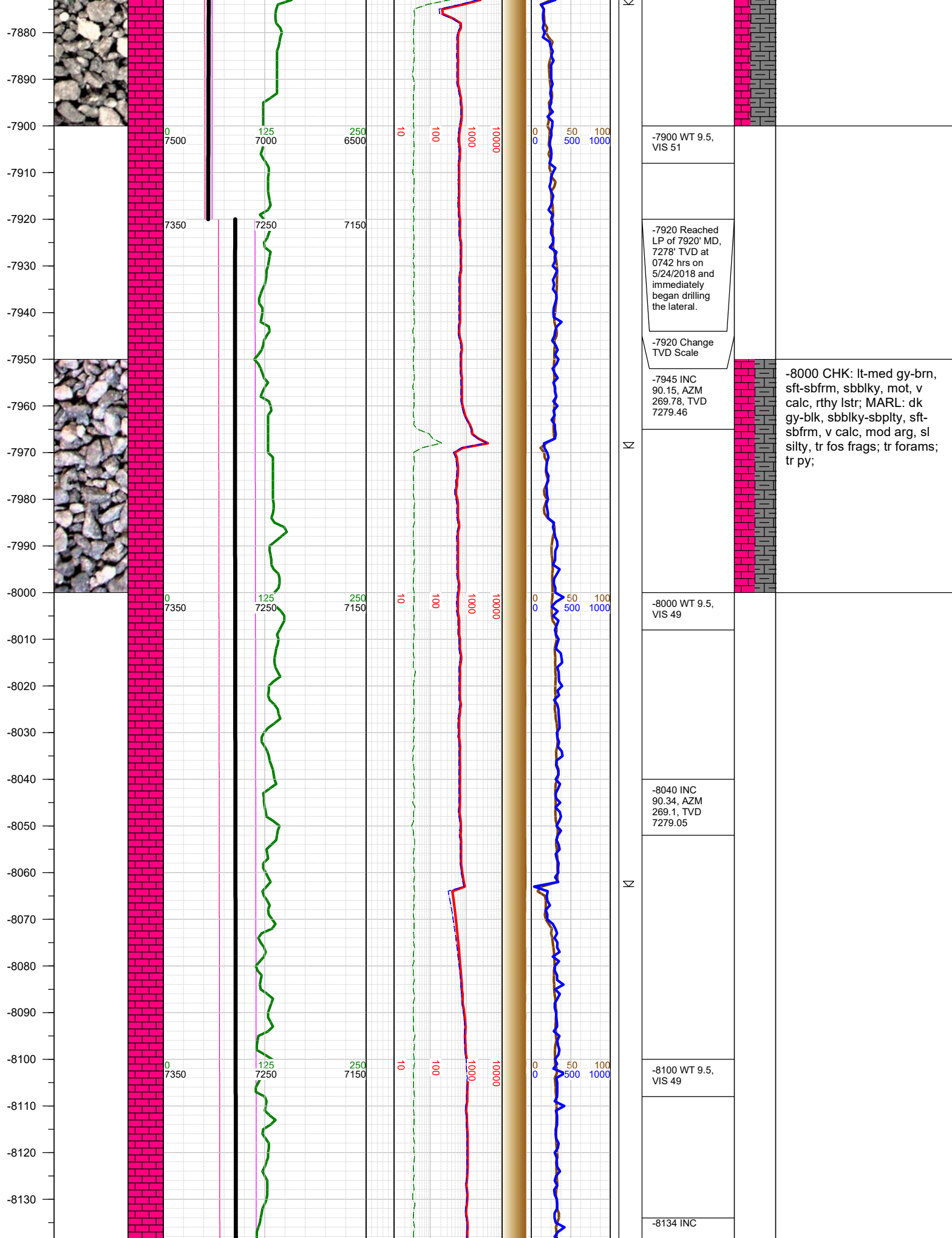












-7900 WT 9.5, VIS 51

-7920 Reached LP of 7920' MD, 7278' TVD at 0742 hrs on 5/24/2018 and immediately began drilling the lateral.

-7920 Change TVD Scale

-7945 INC 90.15, AZM 269.78, TVD 7279.46

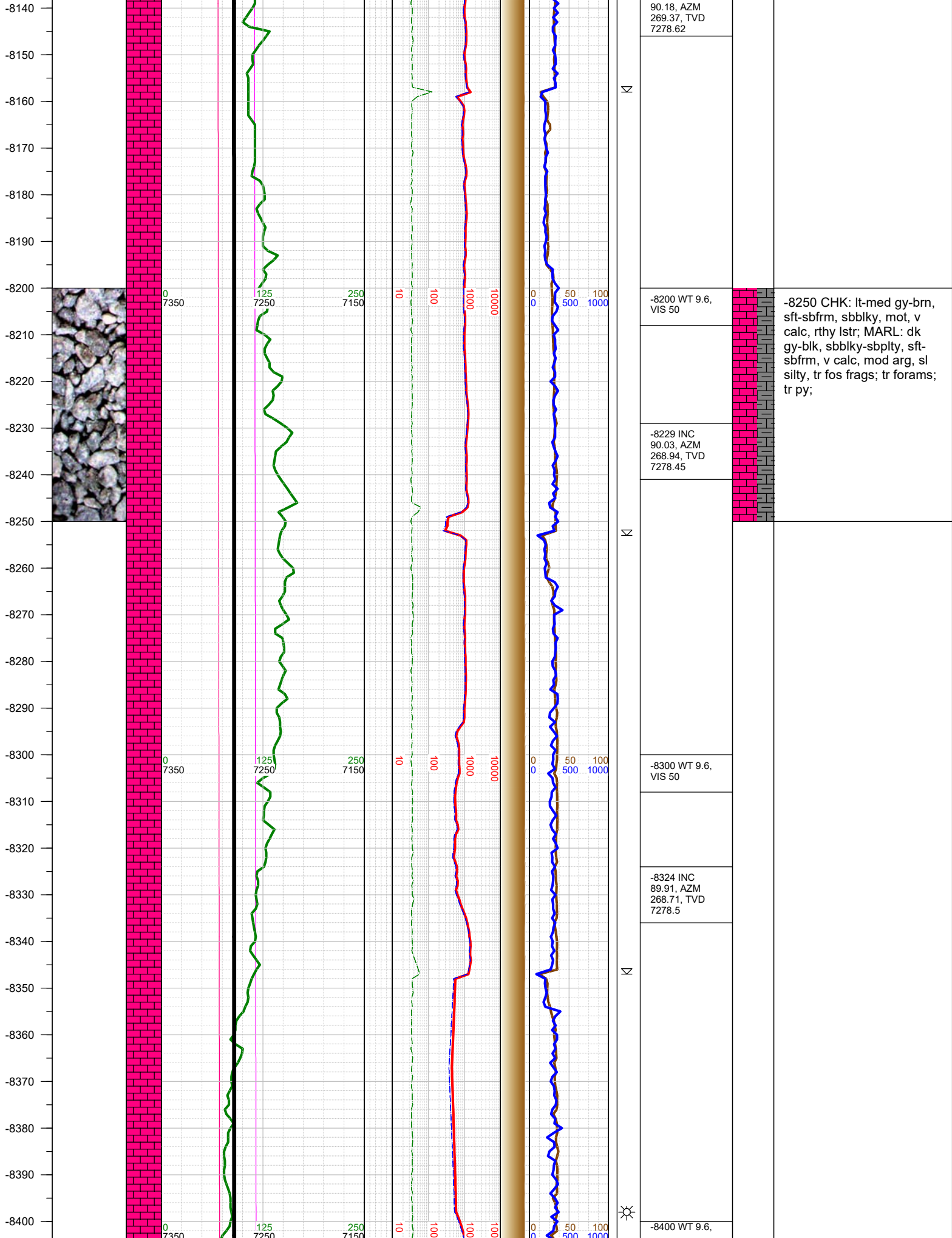
-8000 CHK: lt-med gy-brn, sft-sbfrm, sbblky, mot, v calc, rthy lstr; MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, v calc, mod arg, sl silty, tr fos frags; tr forams; tr py;

-8000 WT 9.5, VIS 49

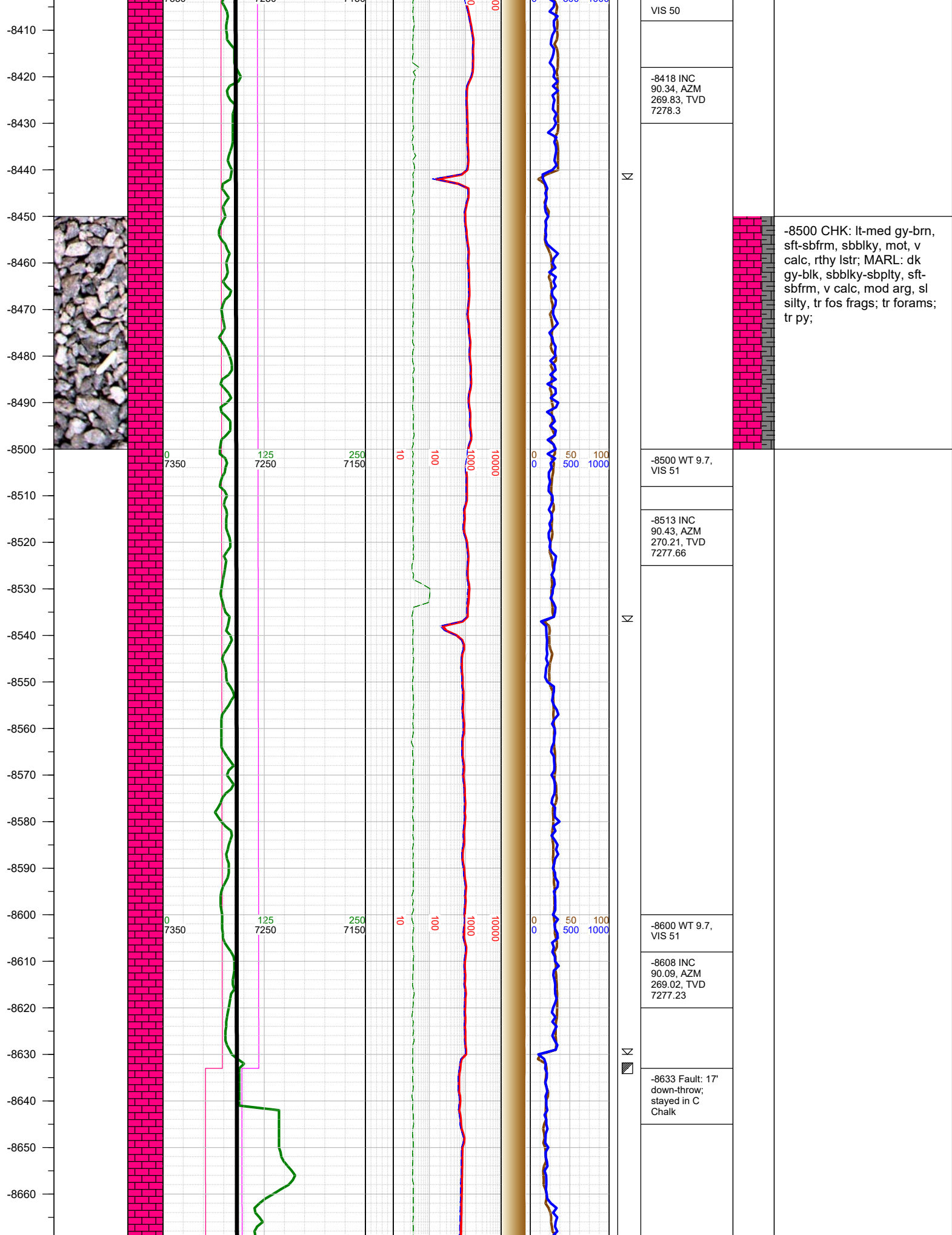
-8040 INC 90.34, AZM 269.1, TVD 7279.05

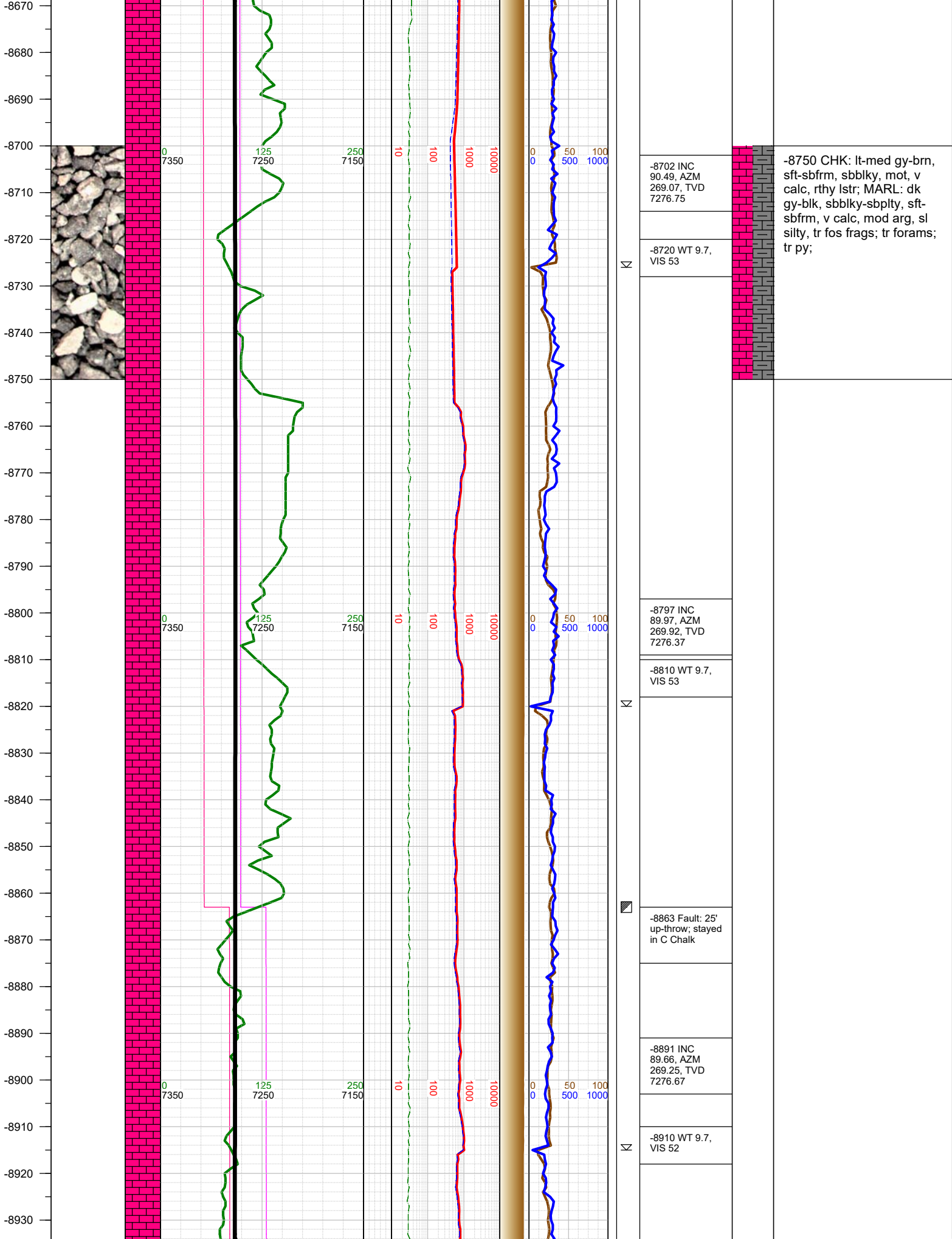
-8100 WT 9.5, VIS 49

-8134 INC









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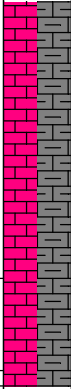
-8986 INC  
89.88, AZM  
267.93, TVD  
7277.05

-9000 WT 9.9,  
VIS 53

-9080 INC  
89.72, AZM  
266.9, TVD  
7277.38

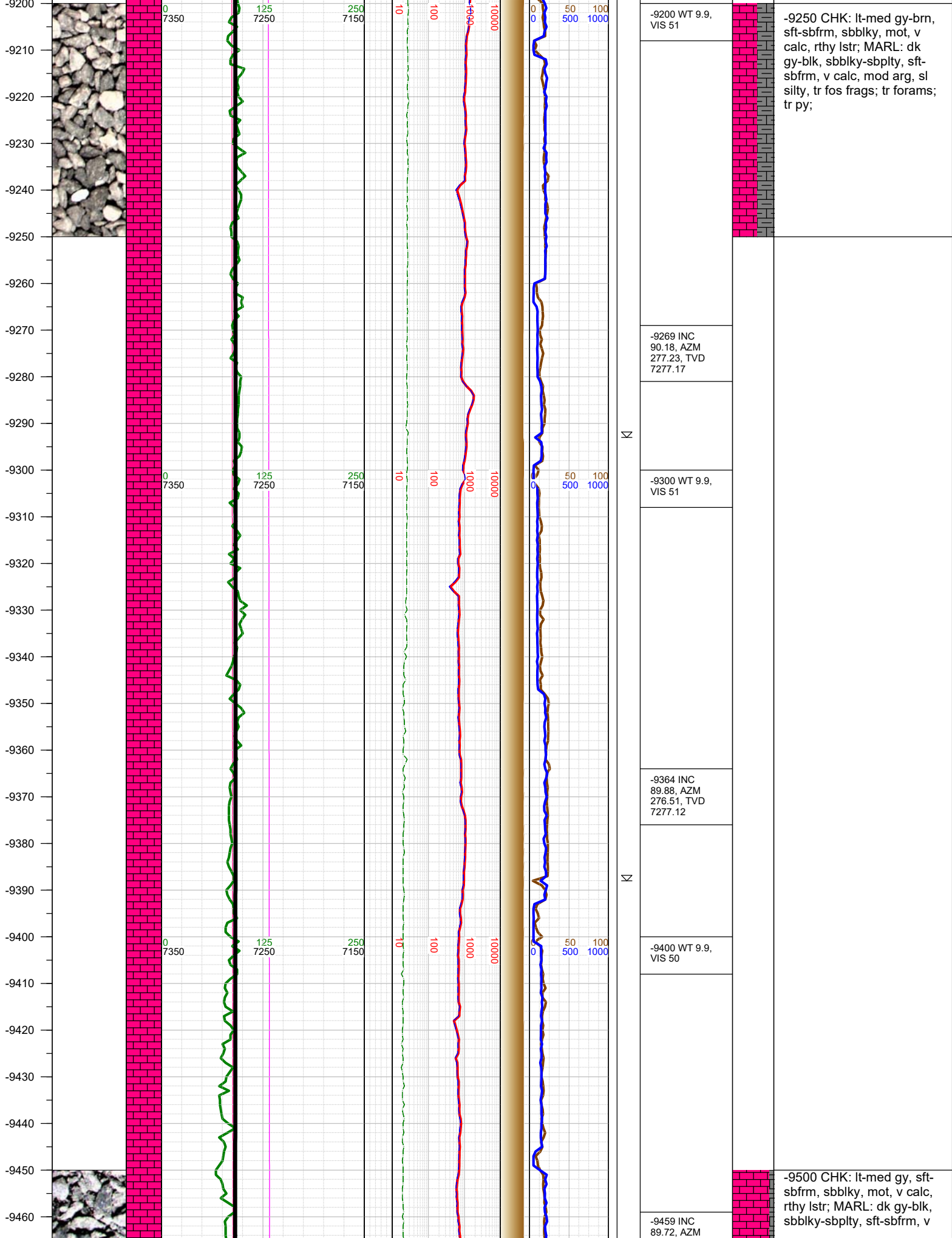
-9100 WT 9.9,  
VIS 53

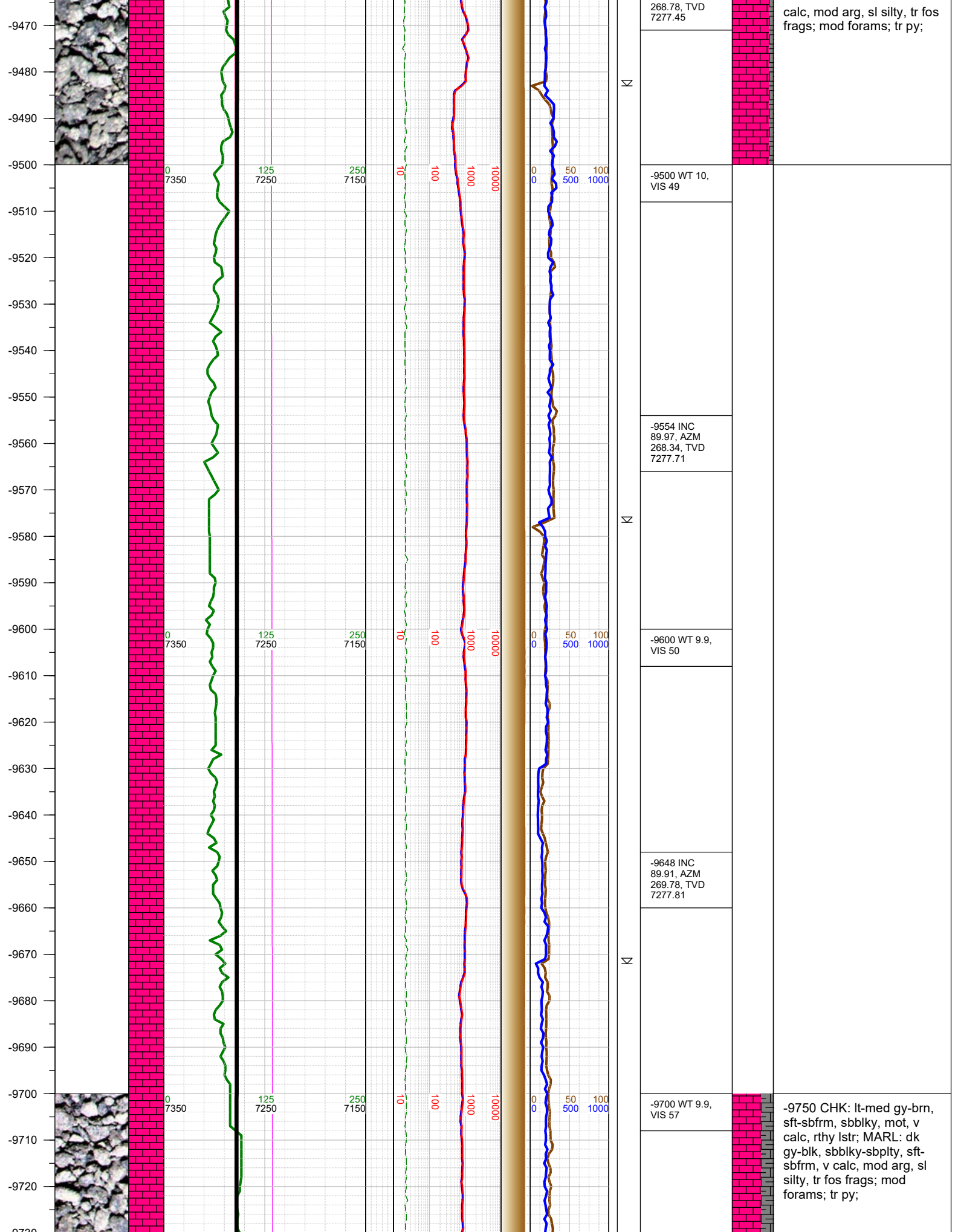
-9175 INC  
90.18, AZM  
272.04, TVD  
7277.46

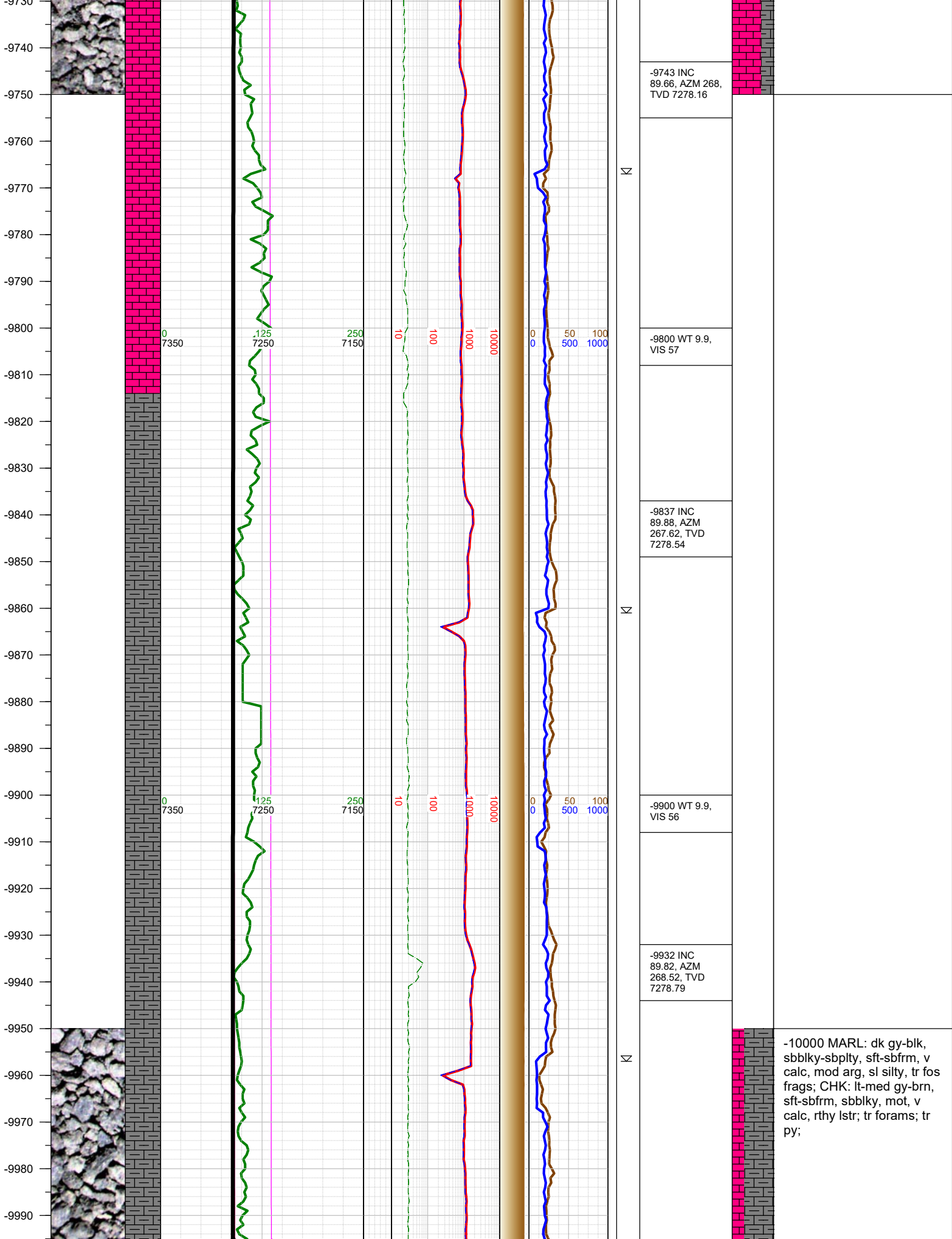


-9000 CHK: lt-med gy-brn,  
sft-sbfrm, sbblky, mot, v  
calc, rthy lstr; MARL: dk  
gy-blk, sbblky-sbplty, sft-  
sbfrm, v calc, mod arg, sl  
silty, tr fos frags; tr forams;  
tr py;

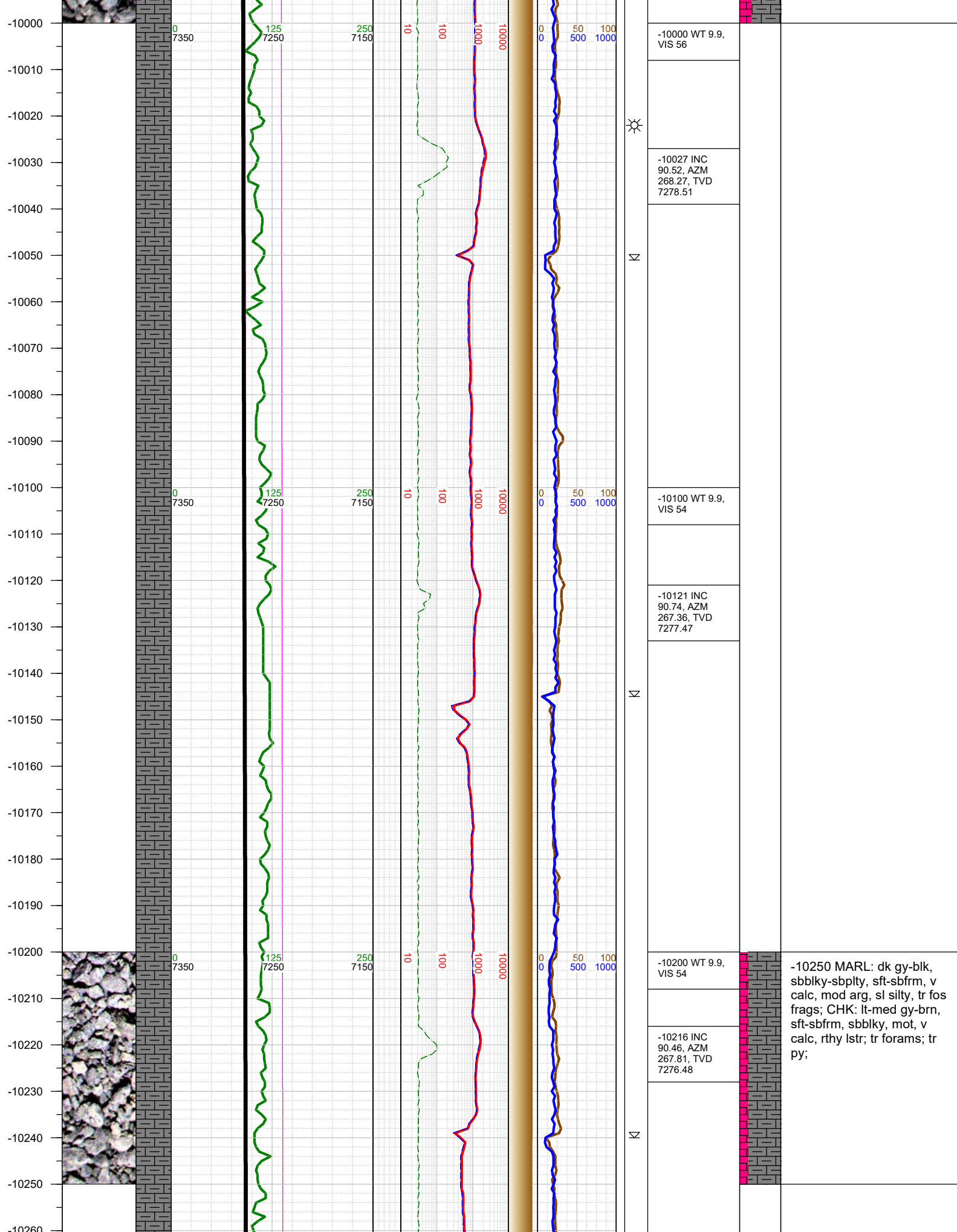


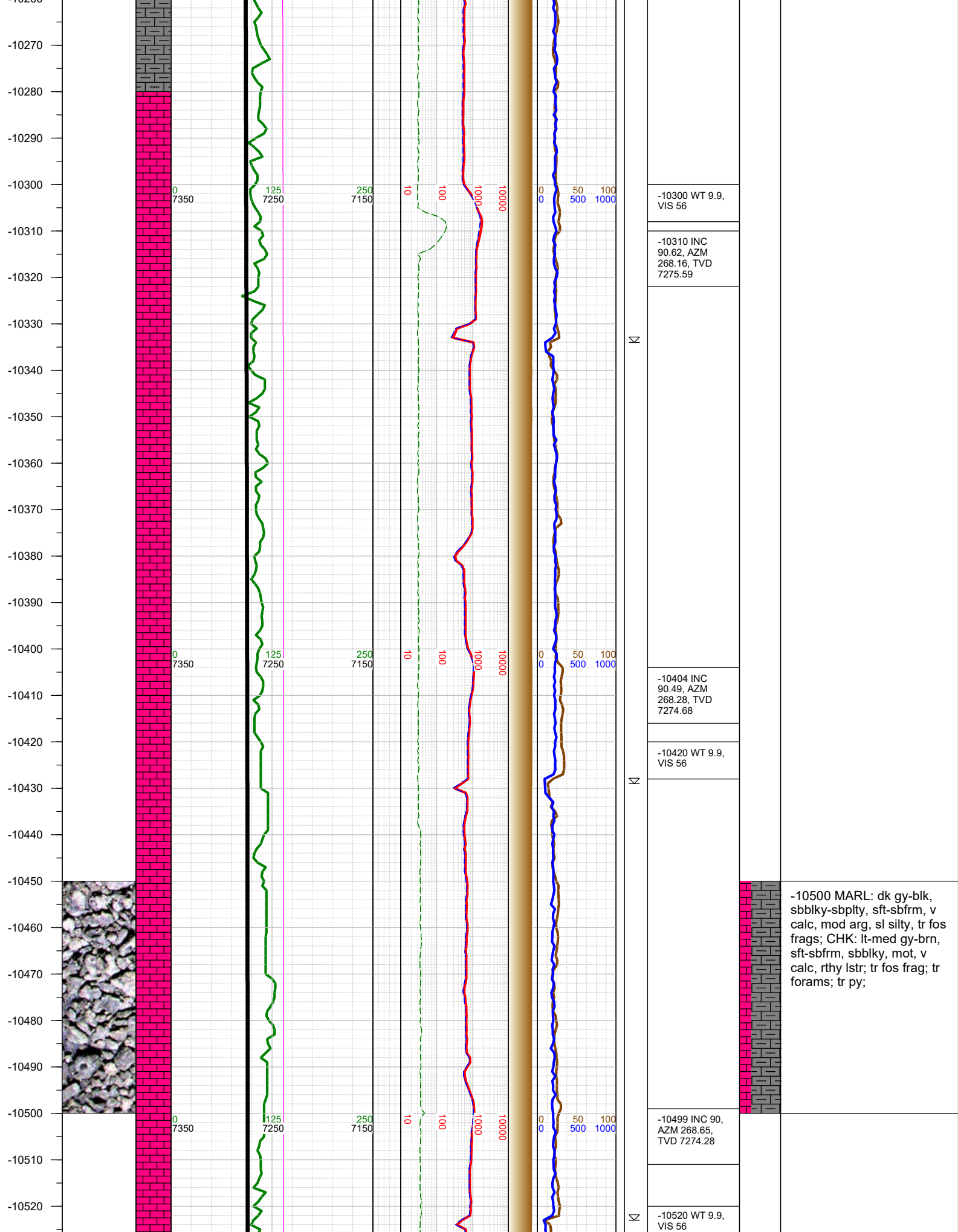




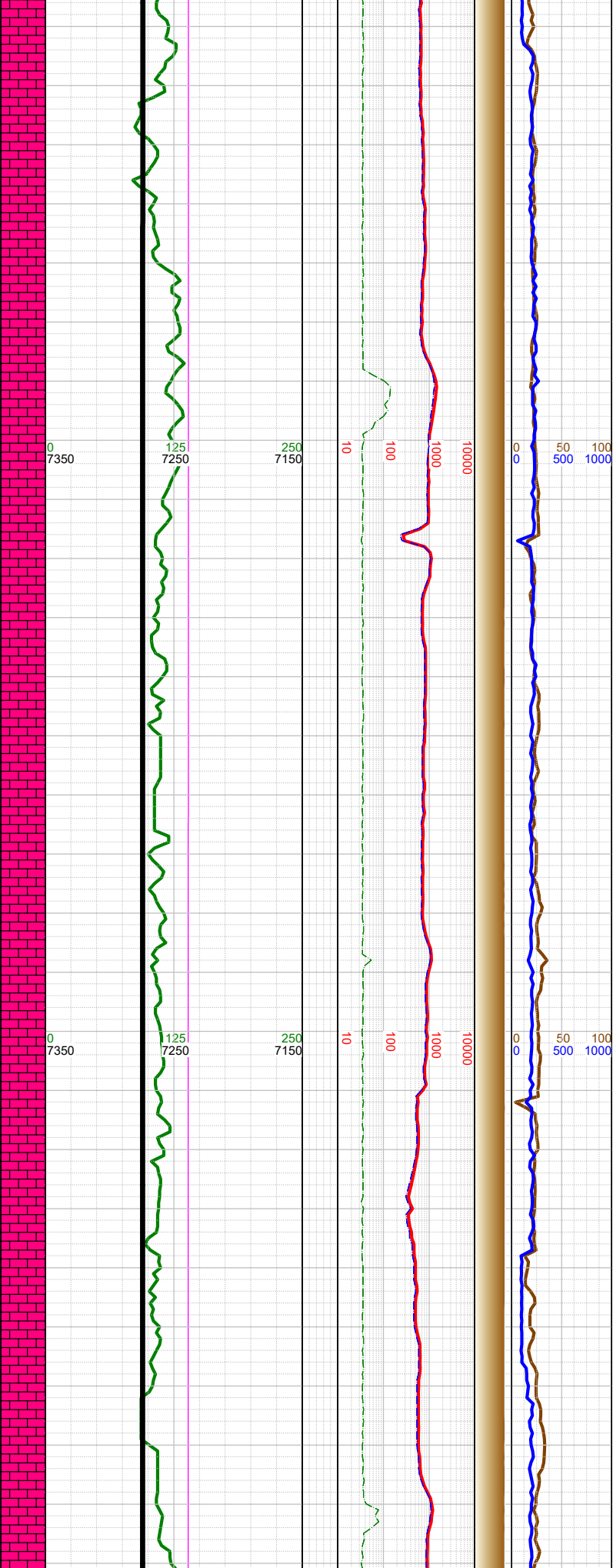
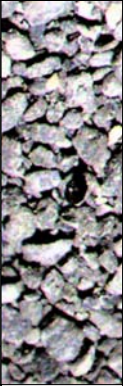




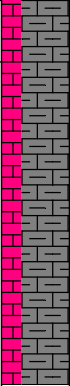




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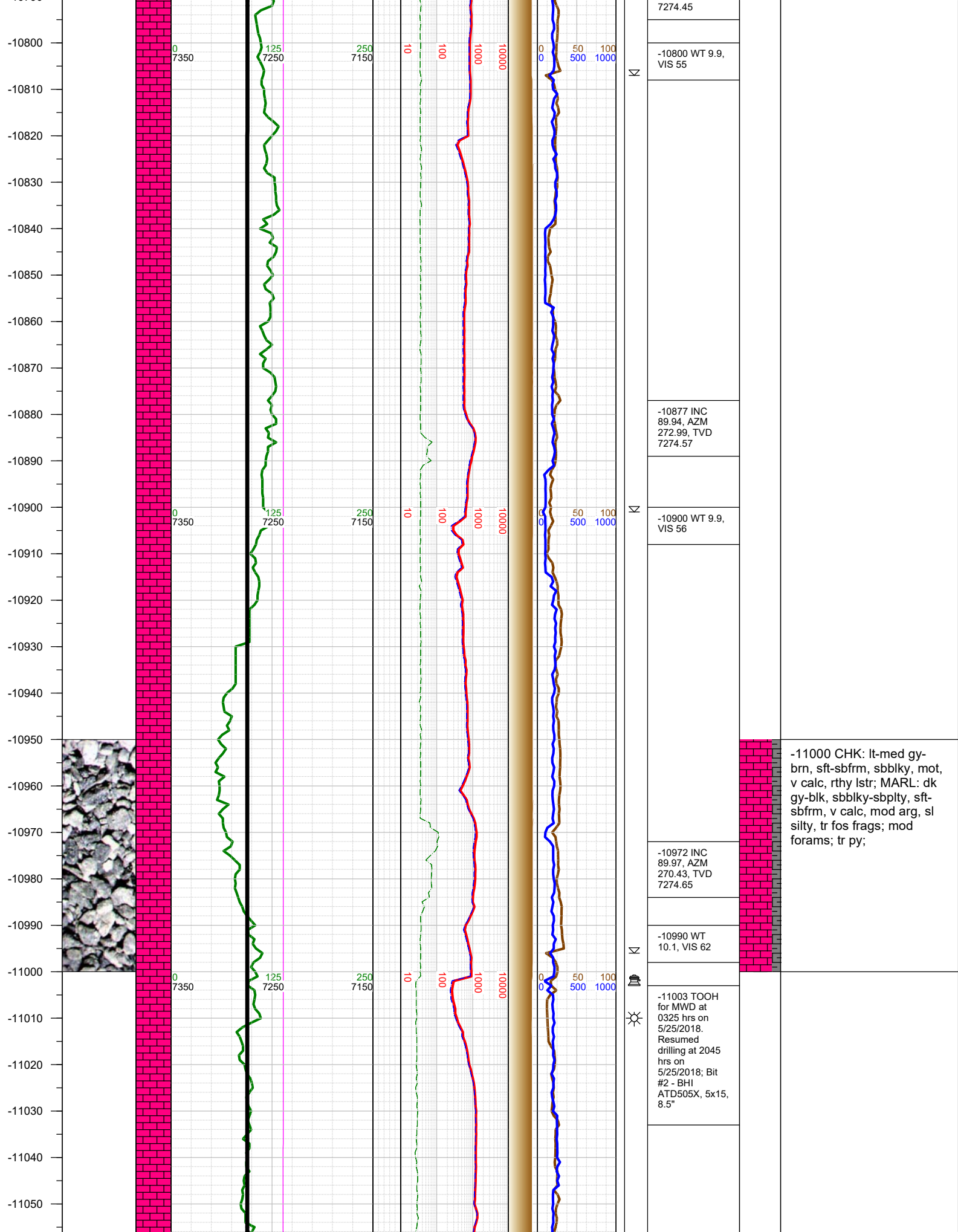


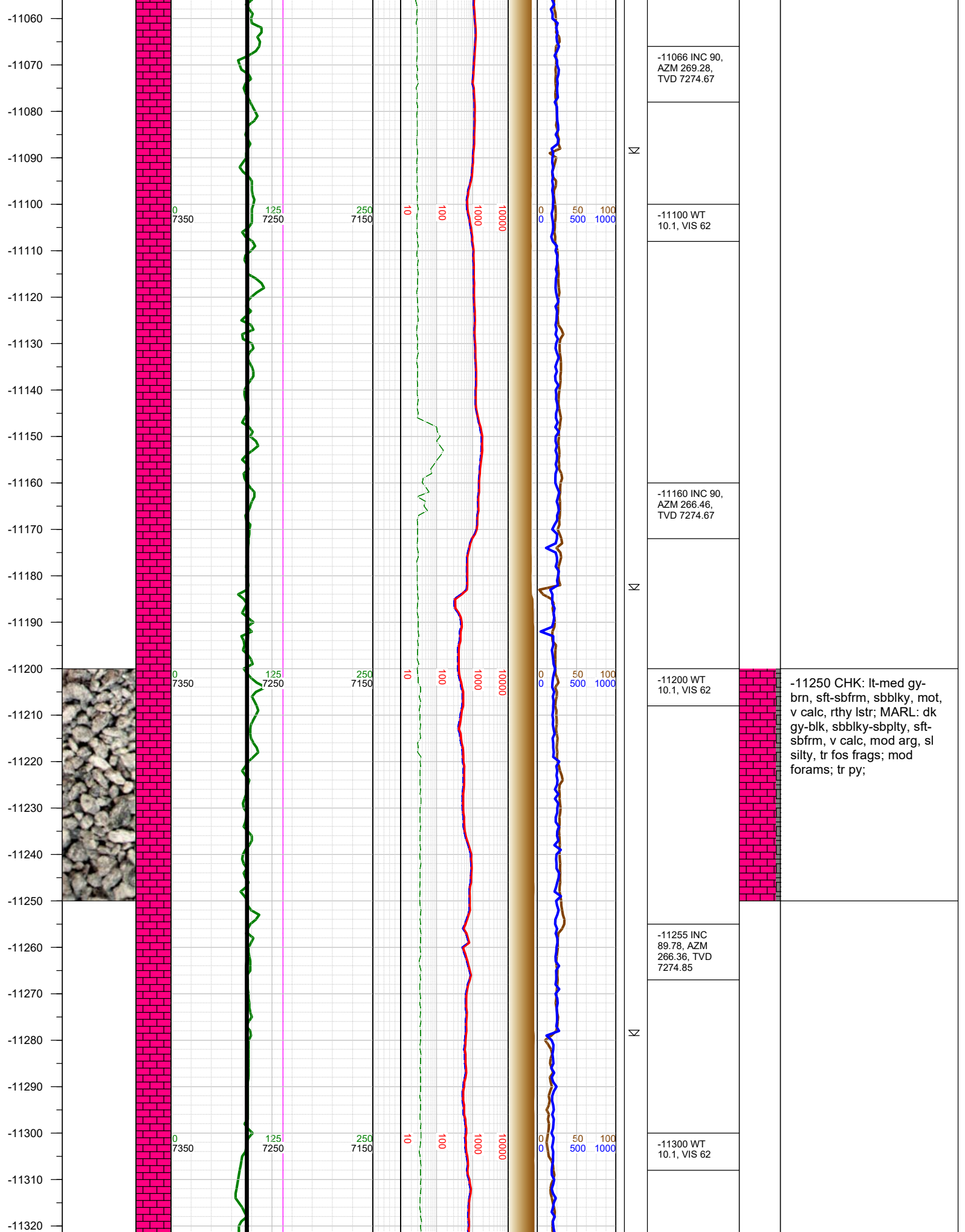
A	-10558 0000 hrs on 5/25/2018
	-10593 INC 89.91, AZM 268.99, TVD 7274.35
Z	-10610 WT 9.9, VIS 56
	-10688 INC 90.03, AZM 270.96, TVD 7274.4
Z	-10700 WT 9.9, VIS 56
	-10783 INC 89.91, AZM 272.03, TVD

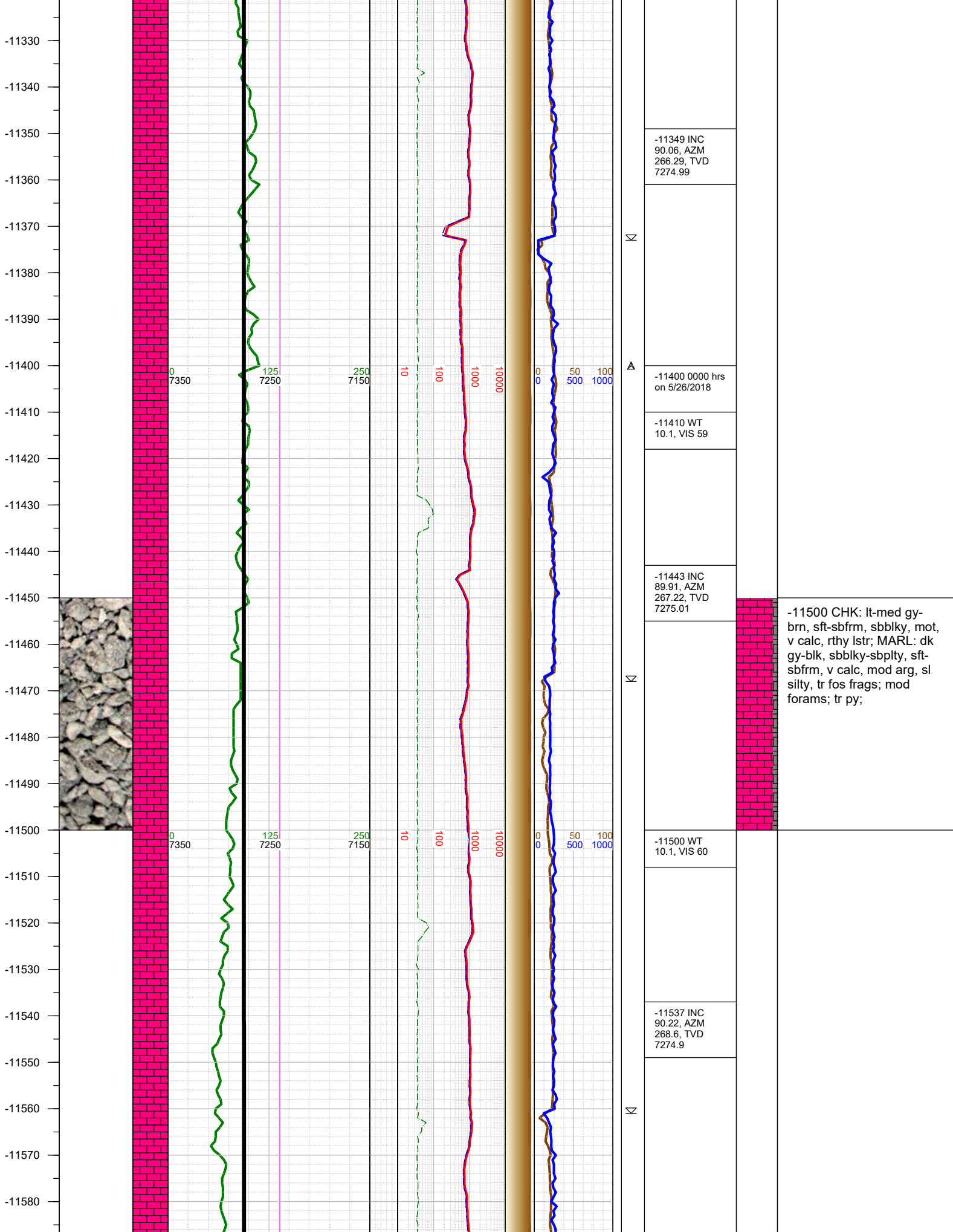


-10750 MARL: dk gy-blk, sbbkly-sbplty, sft-sbfrm, v calc, mod arg, sl silty, tr fos frags; CHK: lt-med gy-brn, sft-sbfrm, sbbkly, mot, v calc, rthy lstr; tr fos frag; tr forams; tr py;



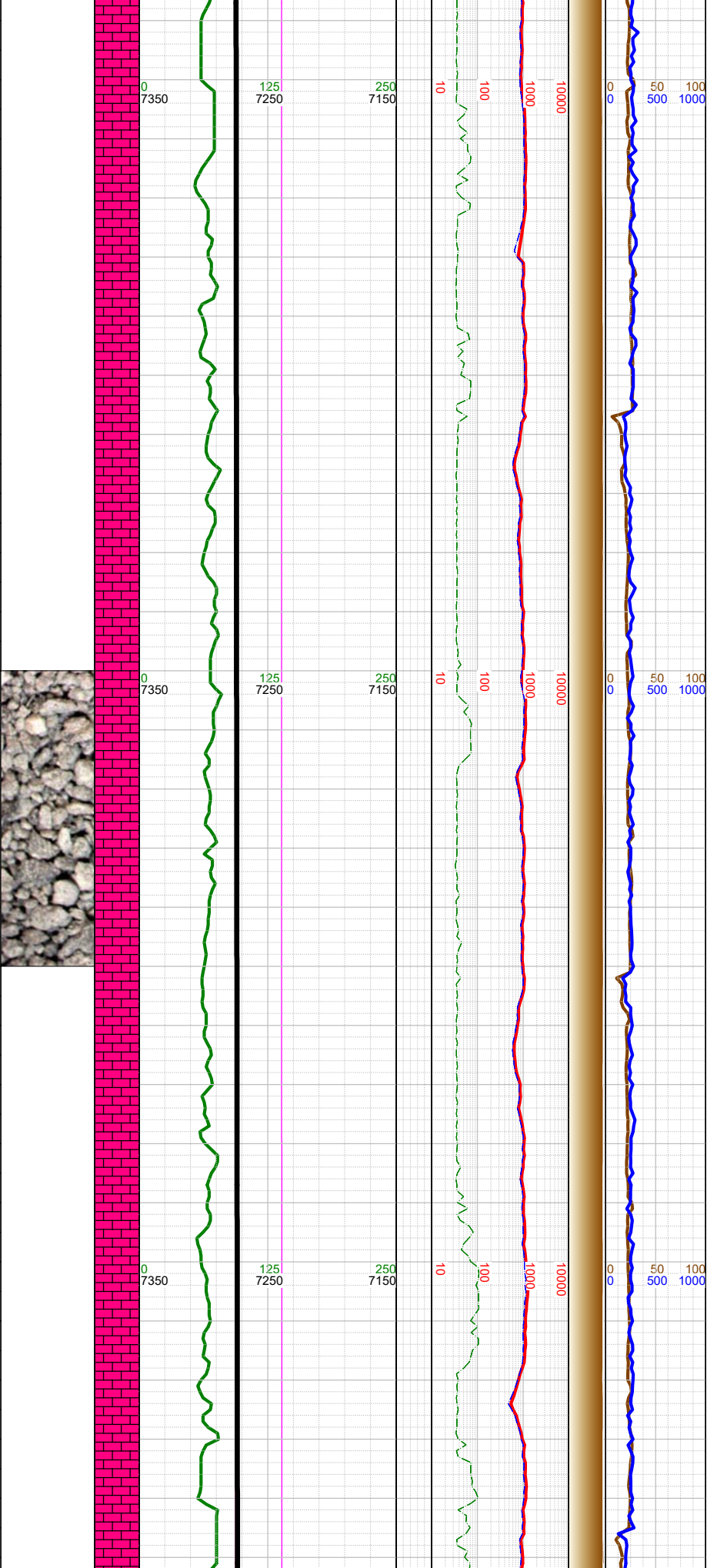


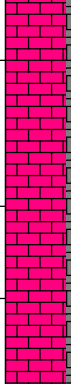


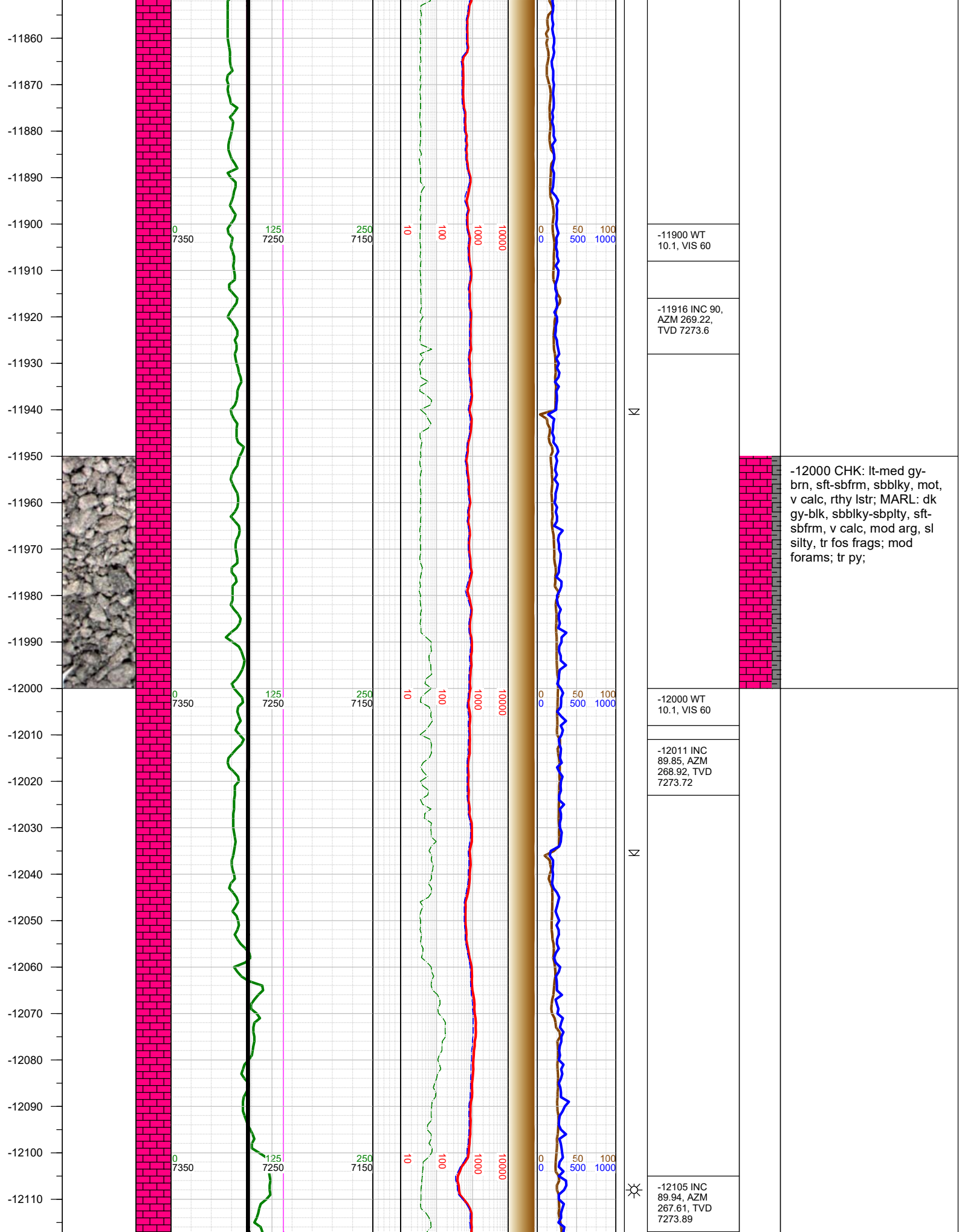




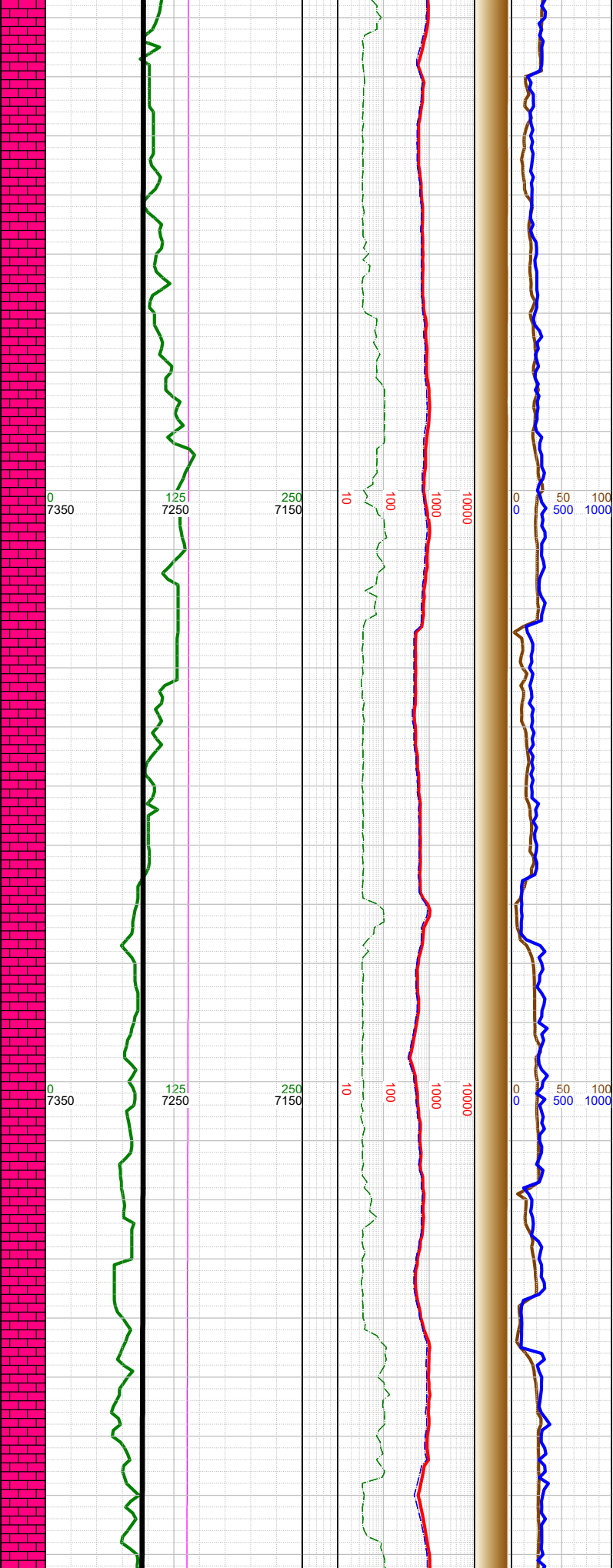
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Σ	-11600 WT 10.1, VIS 60		
	-11632 INC 90.18, AZM 270.12, TVD 7274.57		
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-11727 INC 90.25, AZM 269.96, TVD 7274.22			
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	-11800 WT 10.1, VIS 60		
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	-11822 INC 90.25, AZM 269.32, TVD 7273.8		

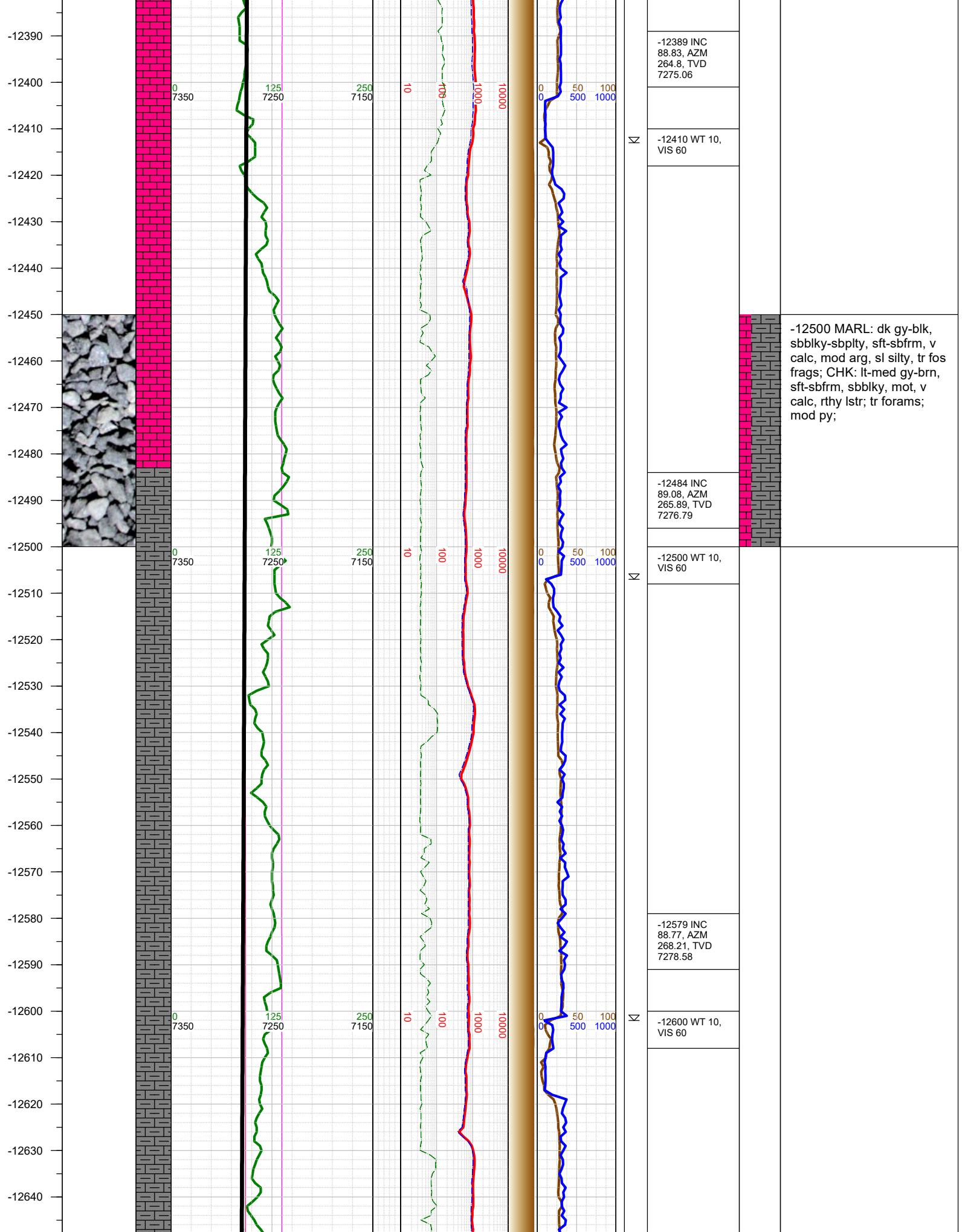


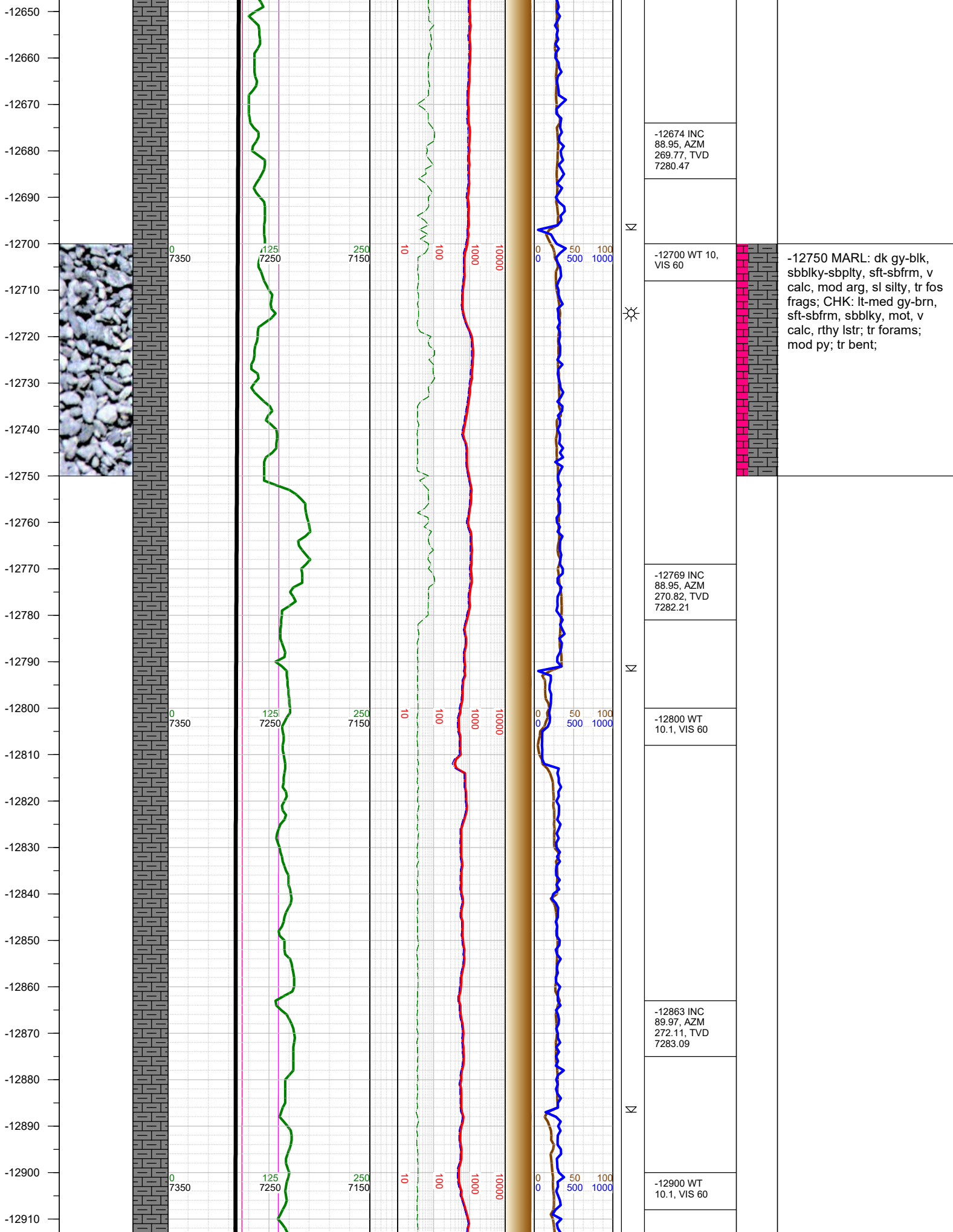
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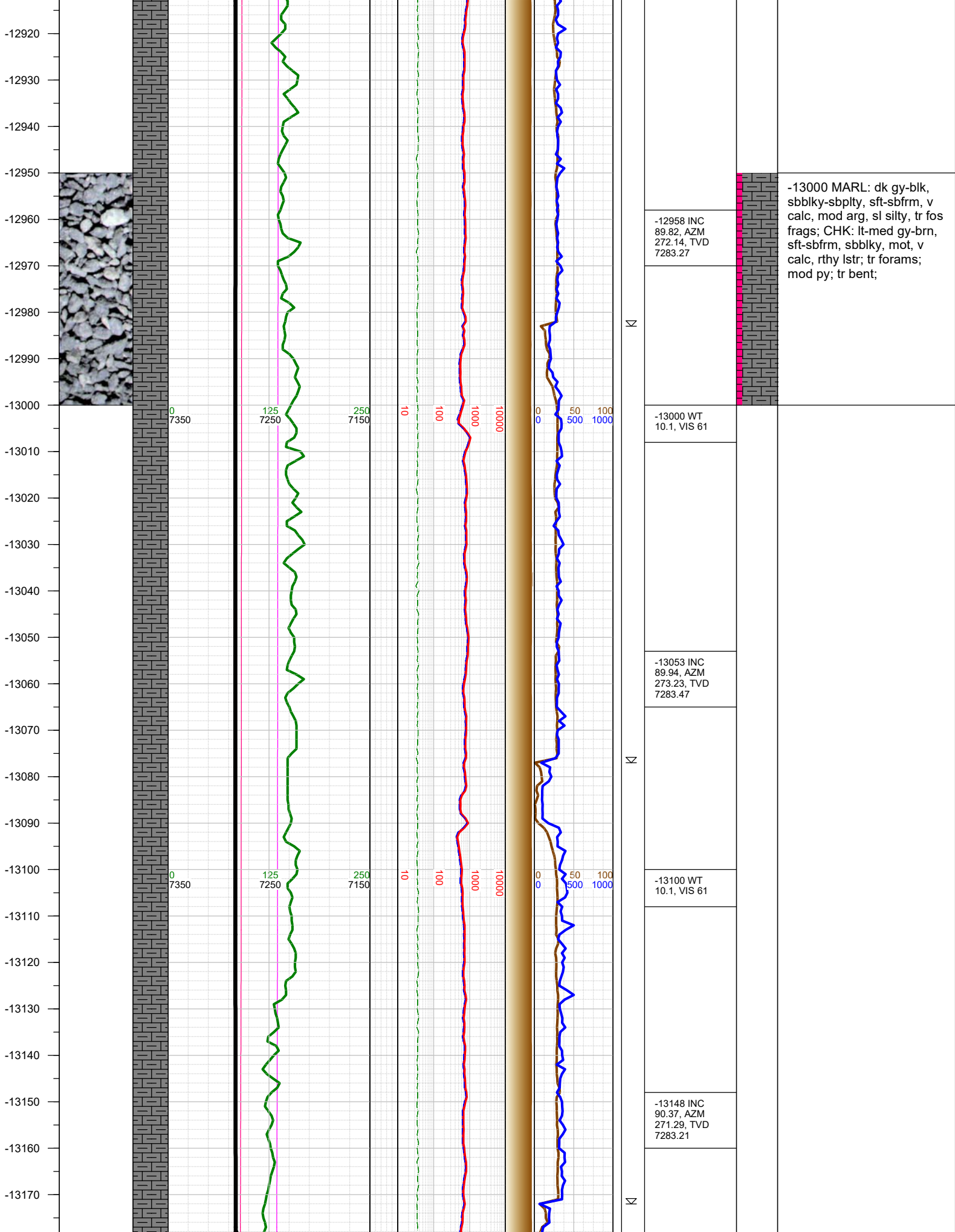


N	-12120 WT 10.1, VIS 60		
	-12200 INC 90, AZM 267.92, TVD 7273.94		-12250 CHK: lt-med gy- brn, sft-sbfrm, sbbkly, mot, v calc, rthy lstr; MARL: dk gy-blk, sbbkly-sbplty, sft- sbfrm, v calc, mod arg, sl silty, tr fos frags; tr forams; tr py;
N	-12220 WT 10, VIS 60		
	-12294 INC 89.91, AZM 267.14, TVD 7274.02		
N	-12310 WT 10, VIS 60		

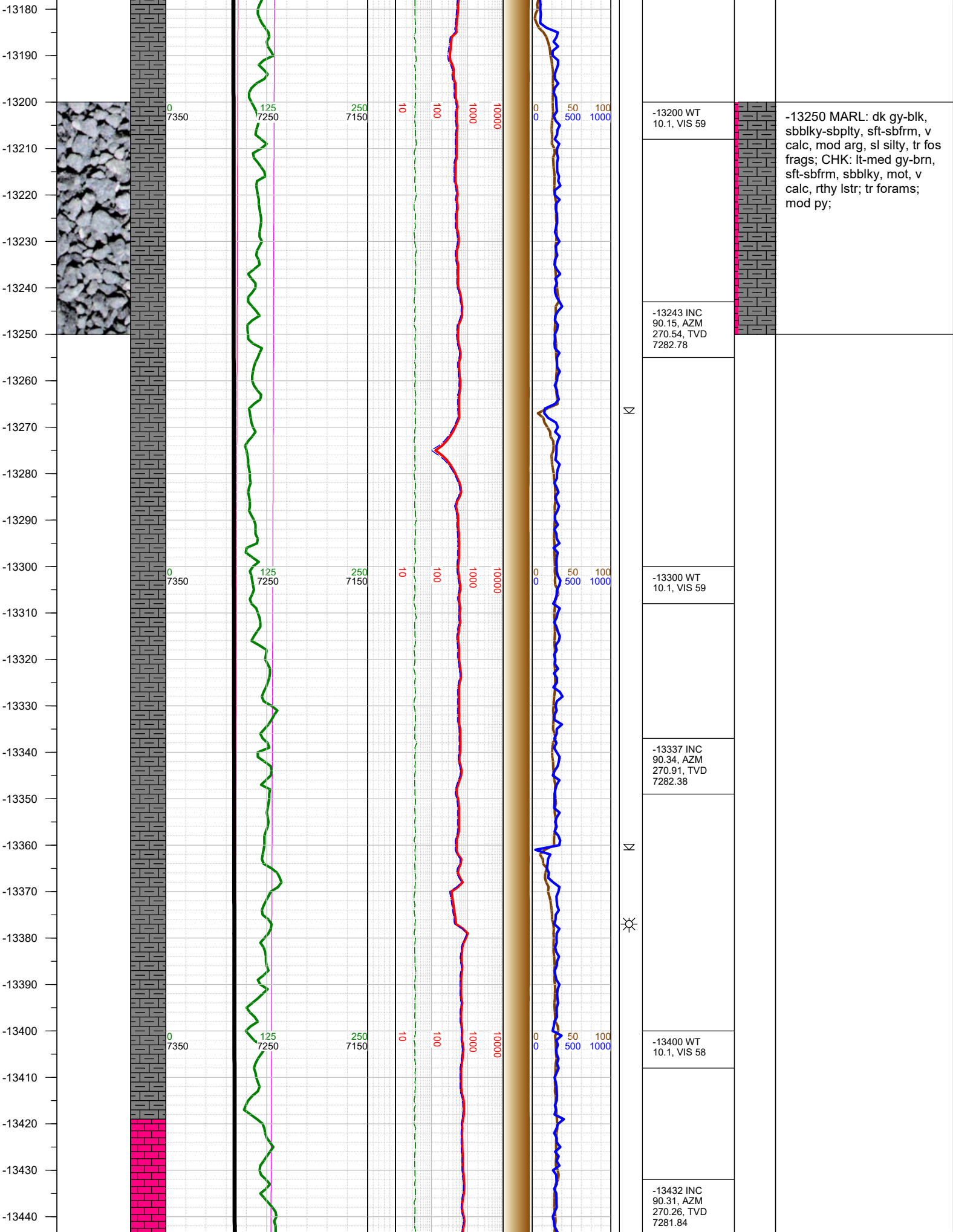


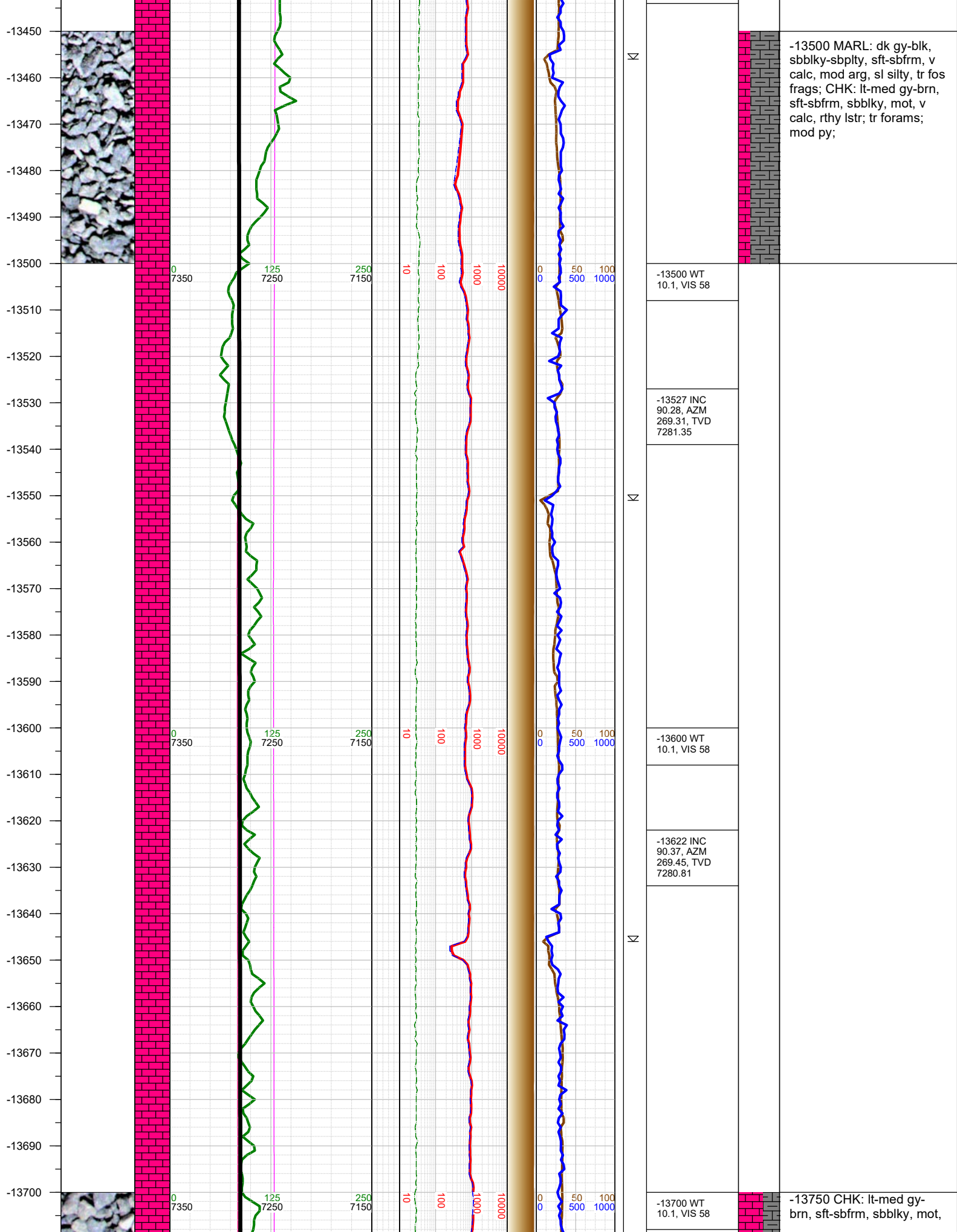


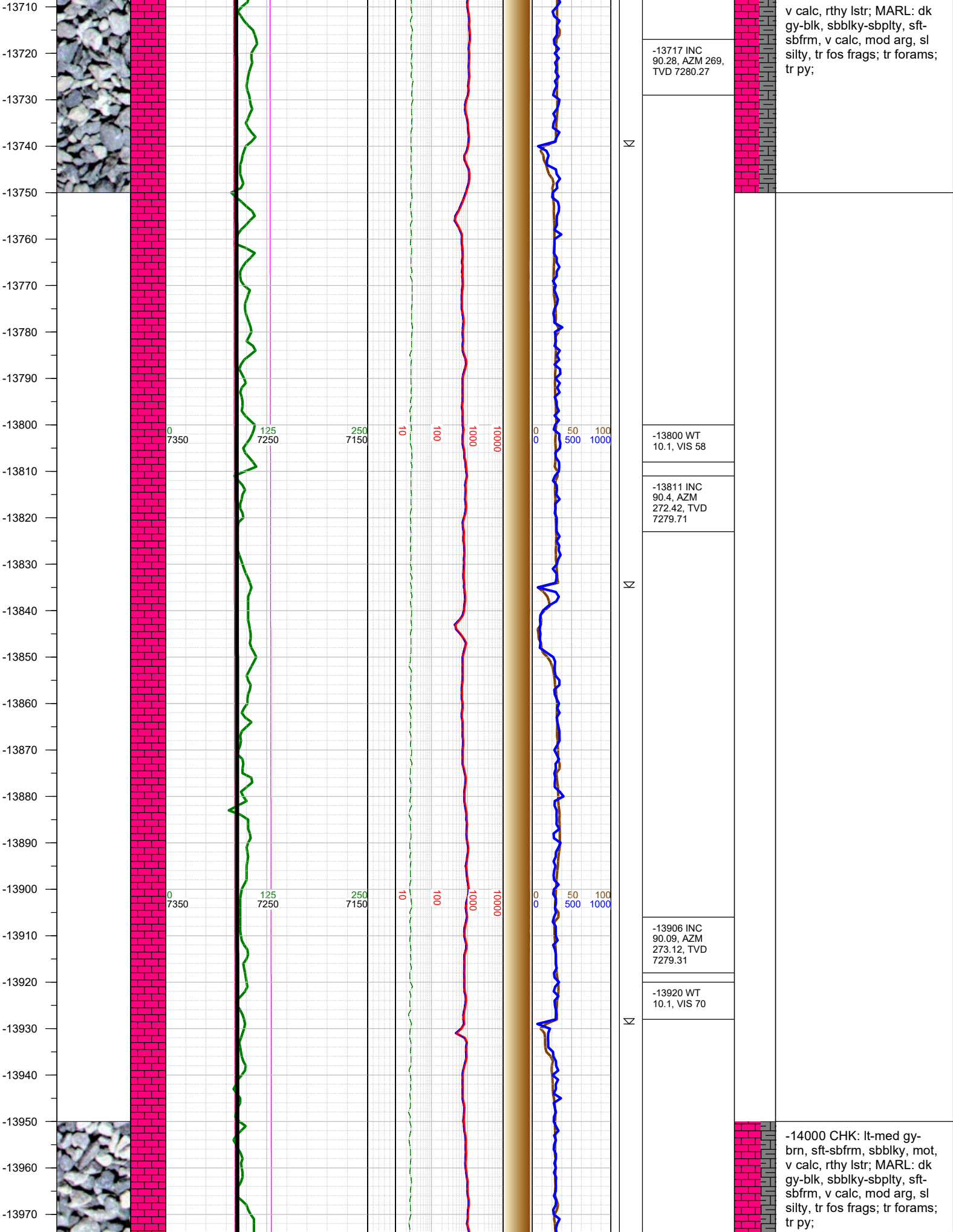






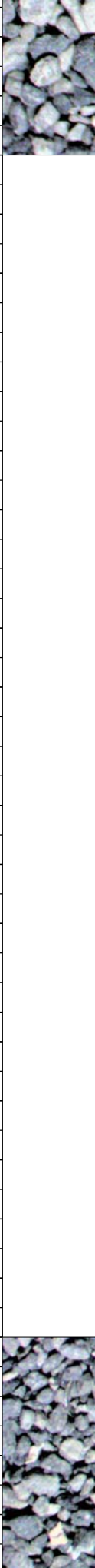








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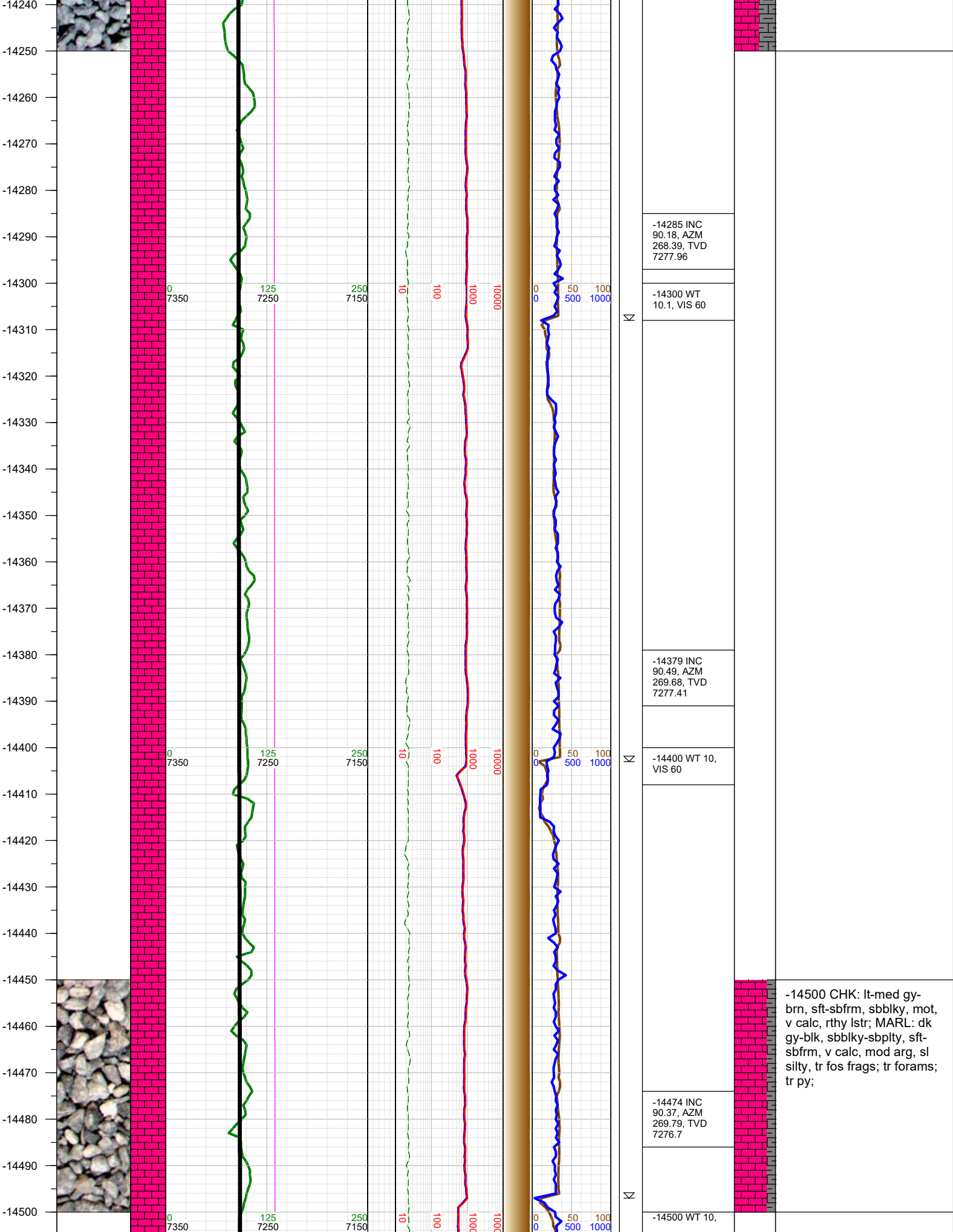
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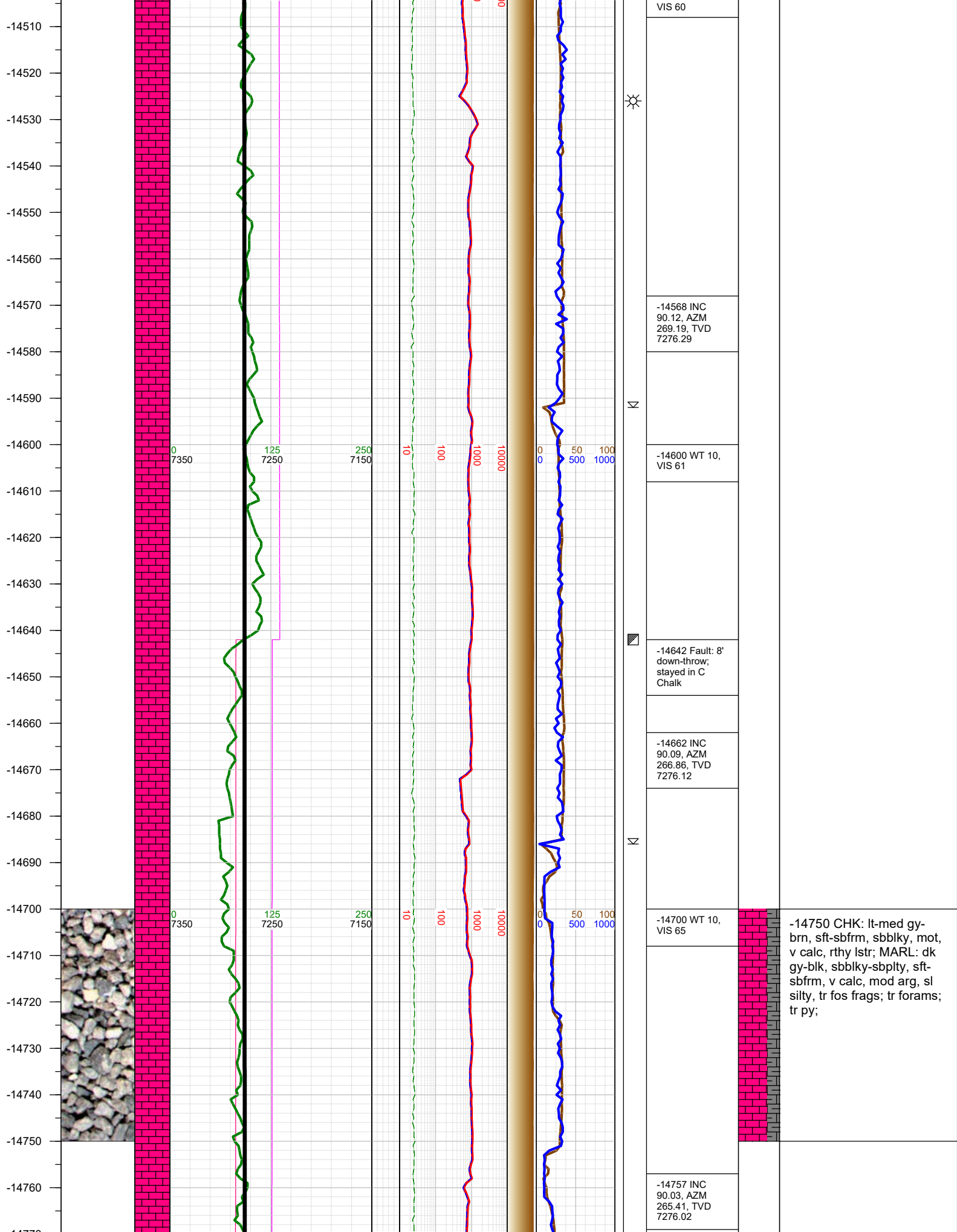
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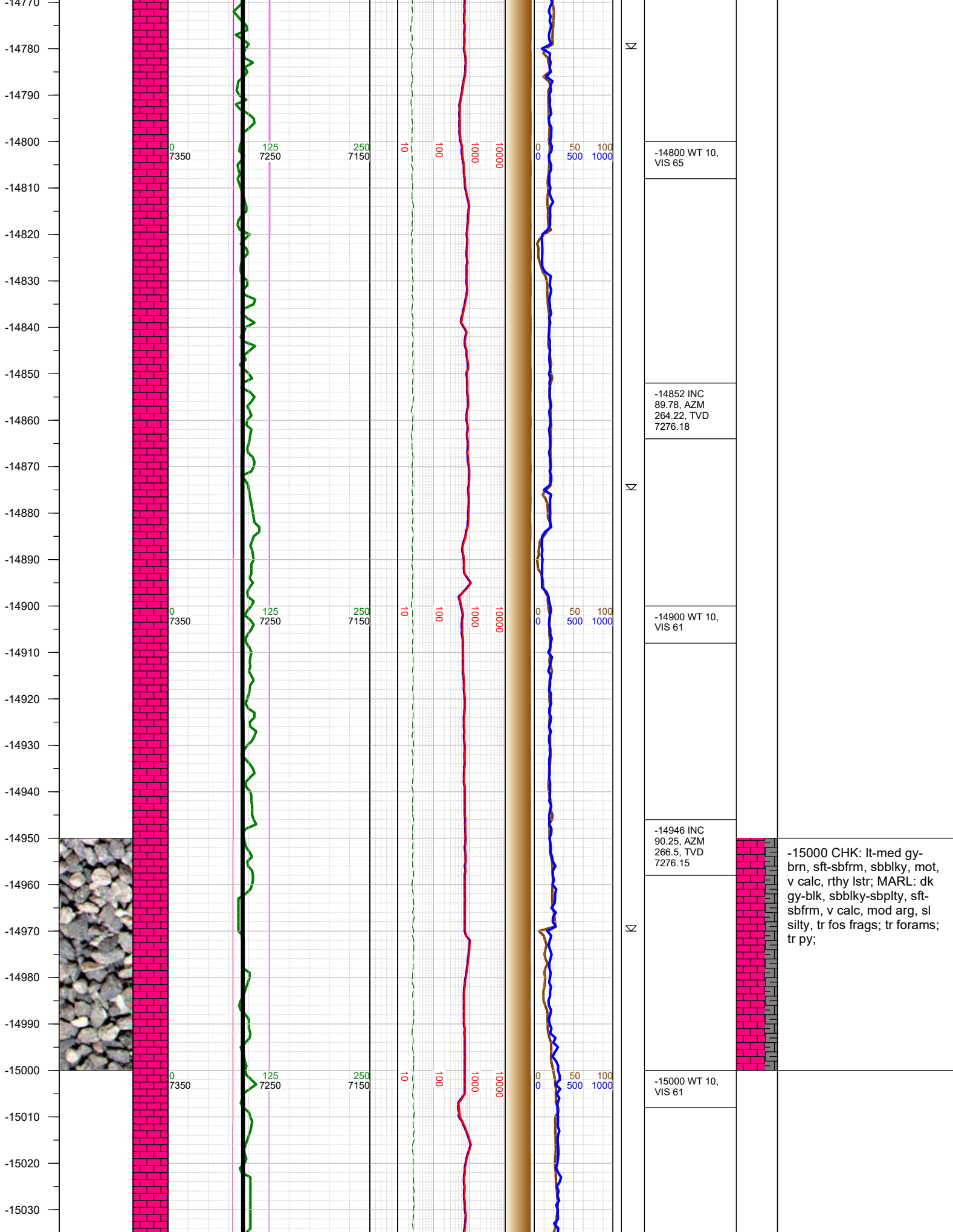
-14000 INC 90.25, AZM 272.22, TVD 7279.03	
-14020 WT 10.1, VIS 70	
-14095 INC 90.25, AZM 270.61, TVD 7278.61	
-14110 WT 10, VIS 62	
-14190 INC 90.18, AZM 268.87, TVD 7278.26	
-14210 WT 10.1, VIS 60	

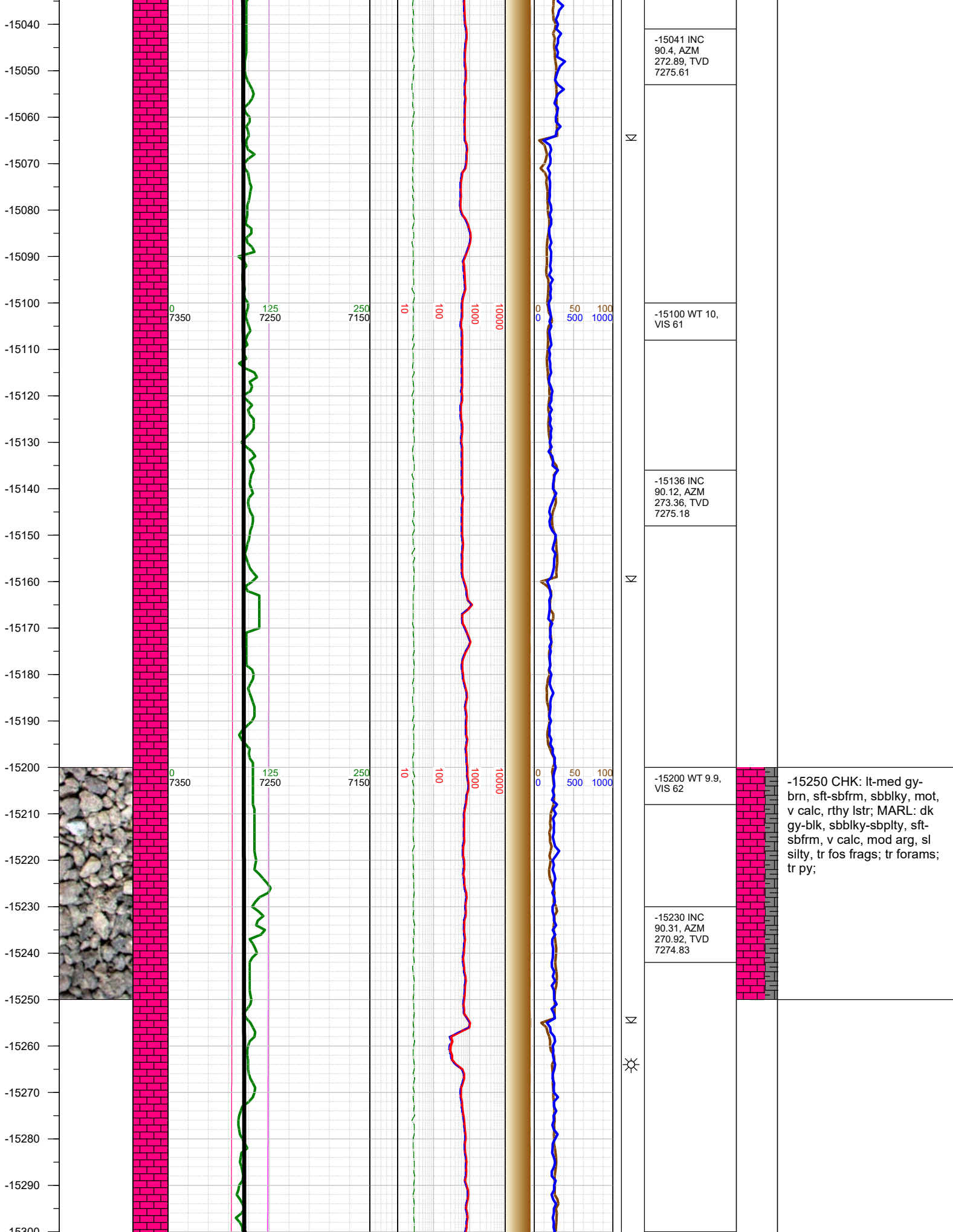
-14250 CHK: lt-med gy-  
brn, sft-sbfrm, sbbkly, mot,  
v calc, rthy lstr; MARL: dk  
gy-blk, sbbkly-sbplty, sft-  
sbfrm, v calc, mod arg, sl  
silty, tr fos frags; tr forams;  
tr py;

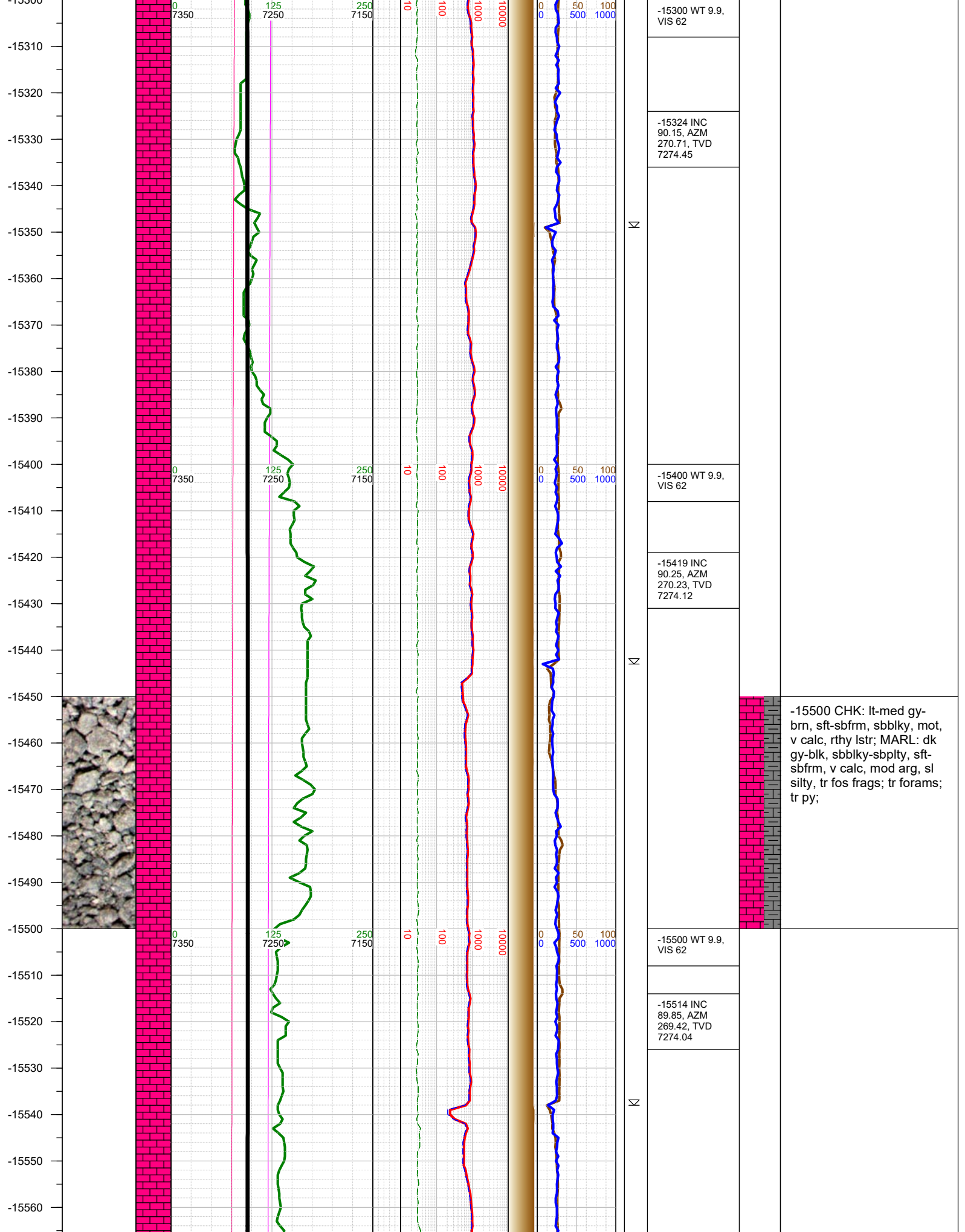




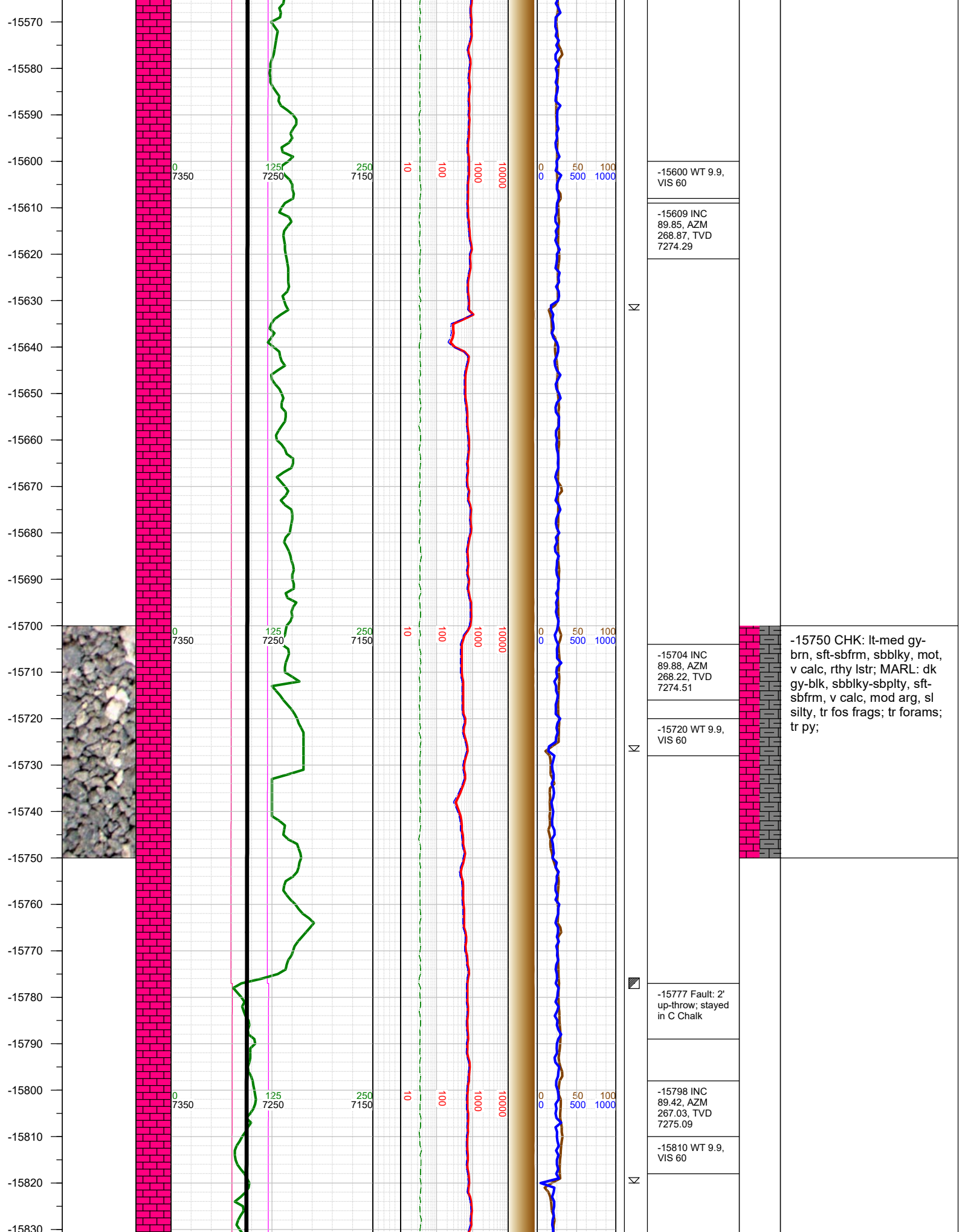


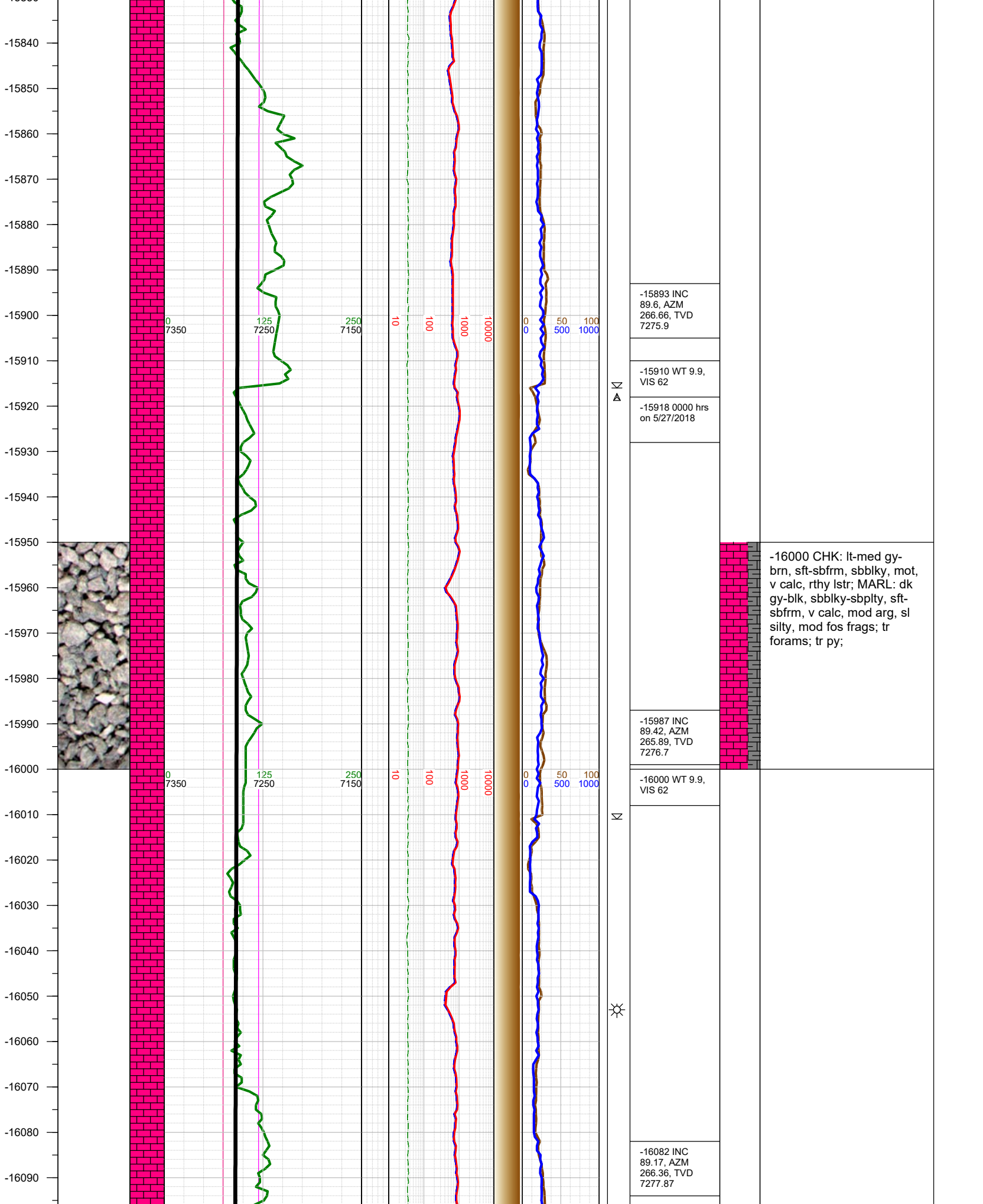


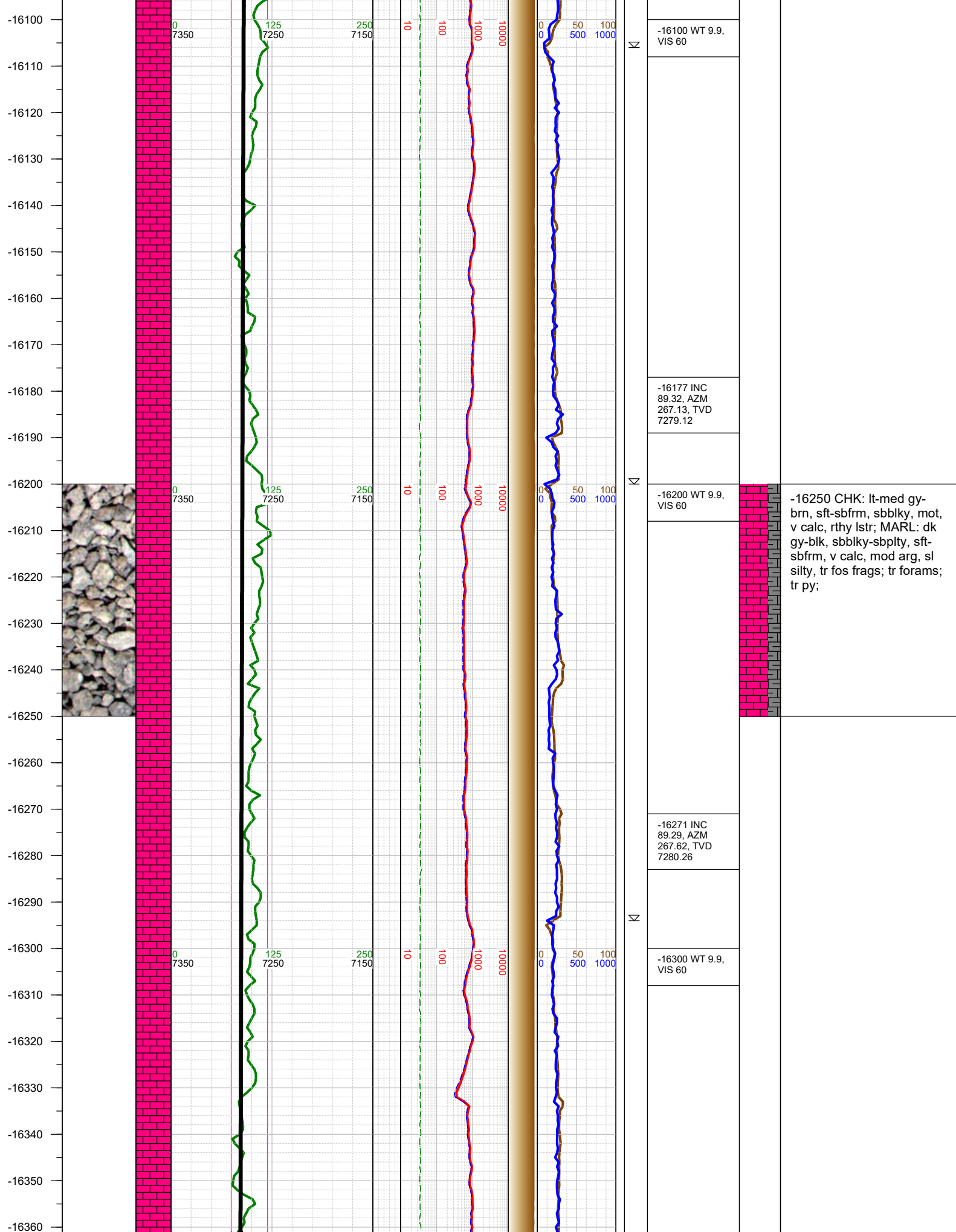




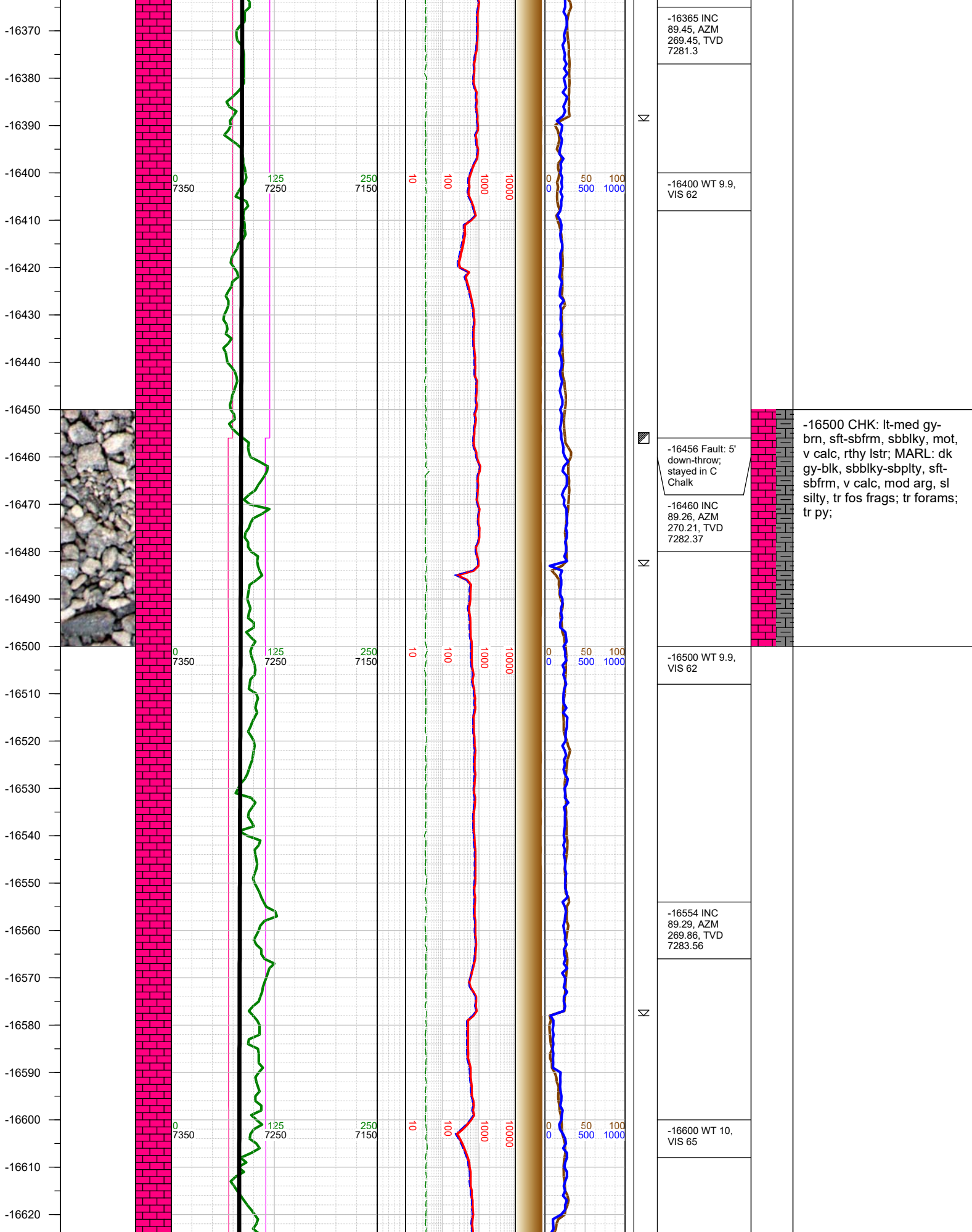




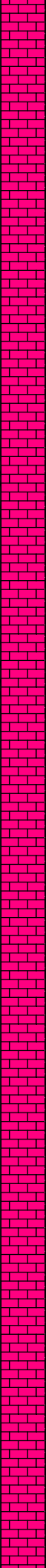








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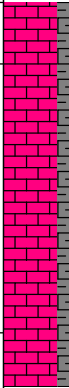
-16649 INC  
89.72, AZM  
269.38, TVD  
7284.38

-16700 WT 10,  
VIS 65

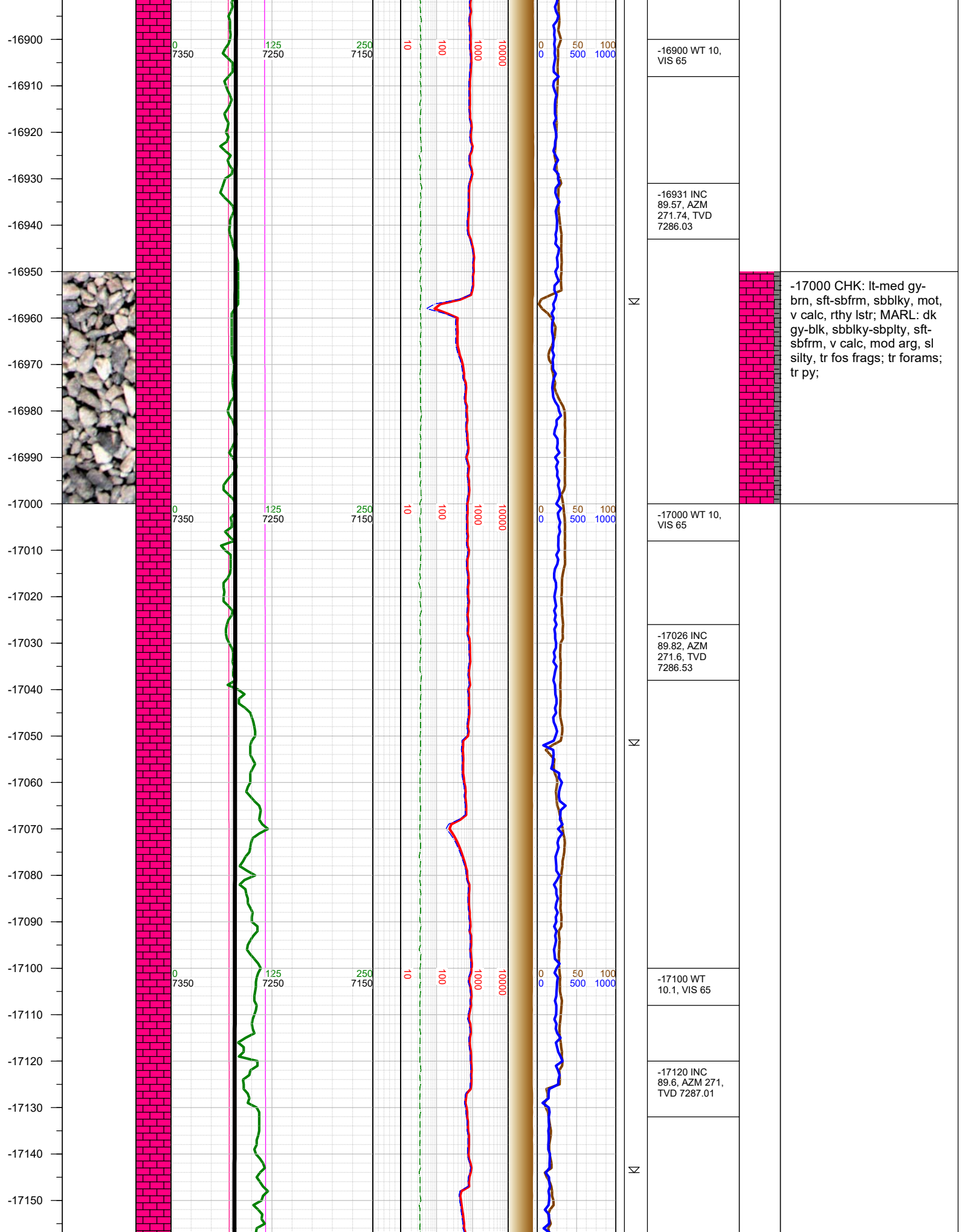
-16743 INC  
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270.3, TVD  
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-16800 WT 10,  
VIS 65

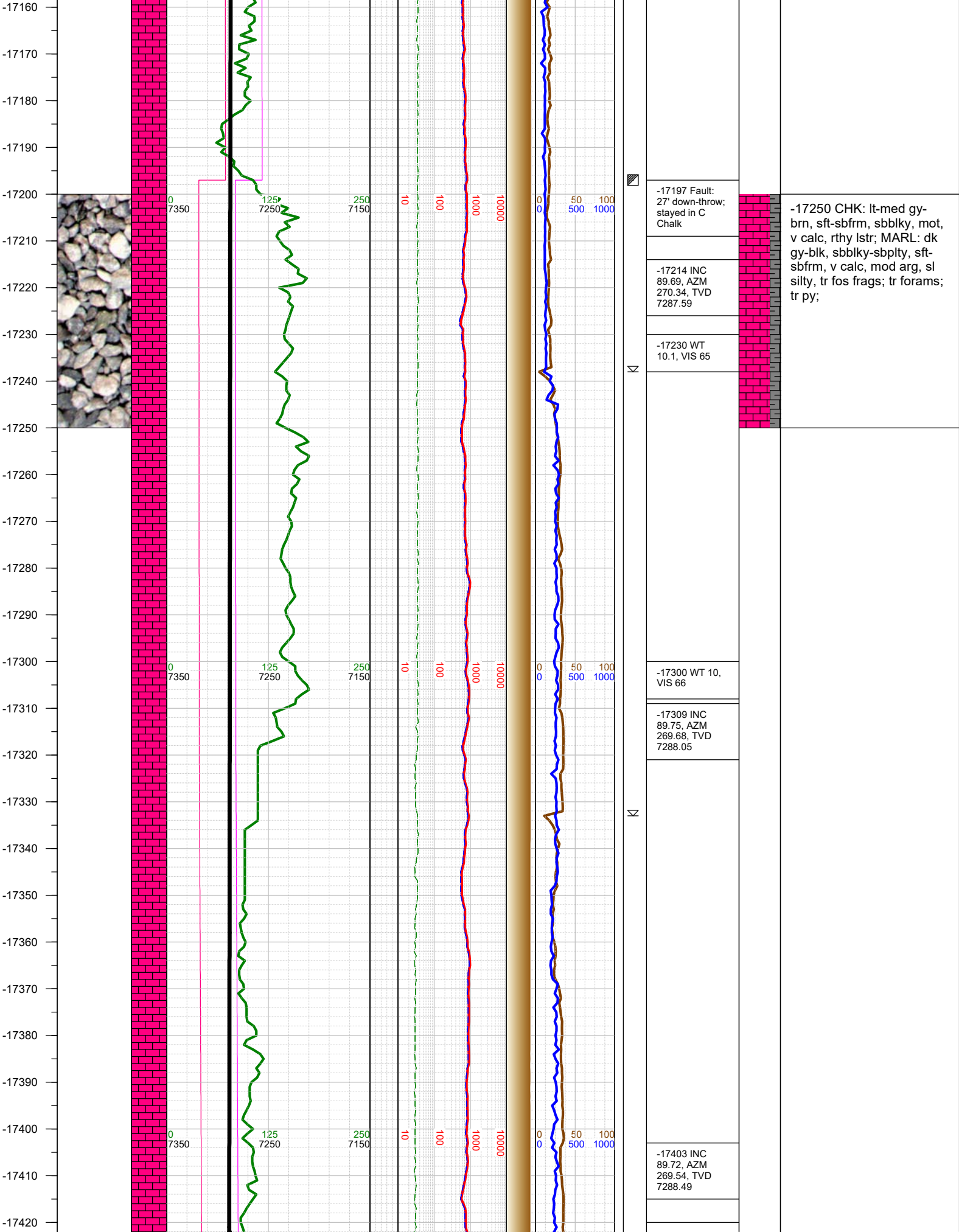
-16837 INC  
89.78, AZM  
270.89, TVD  
7285.49

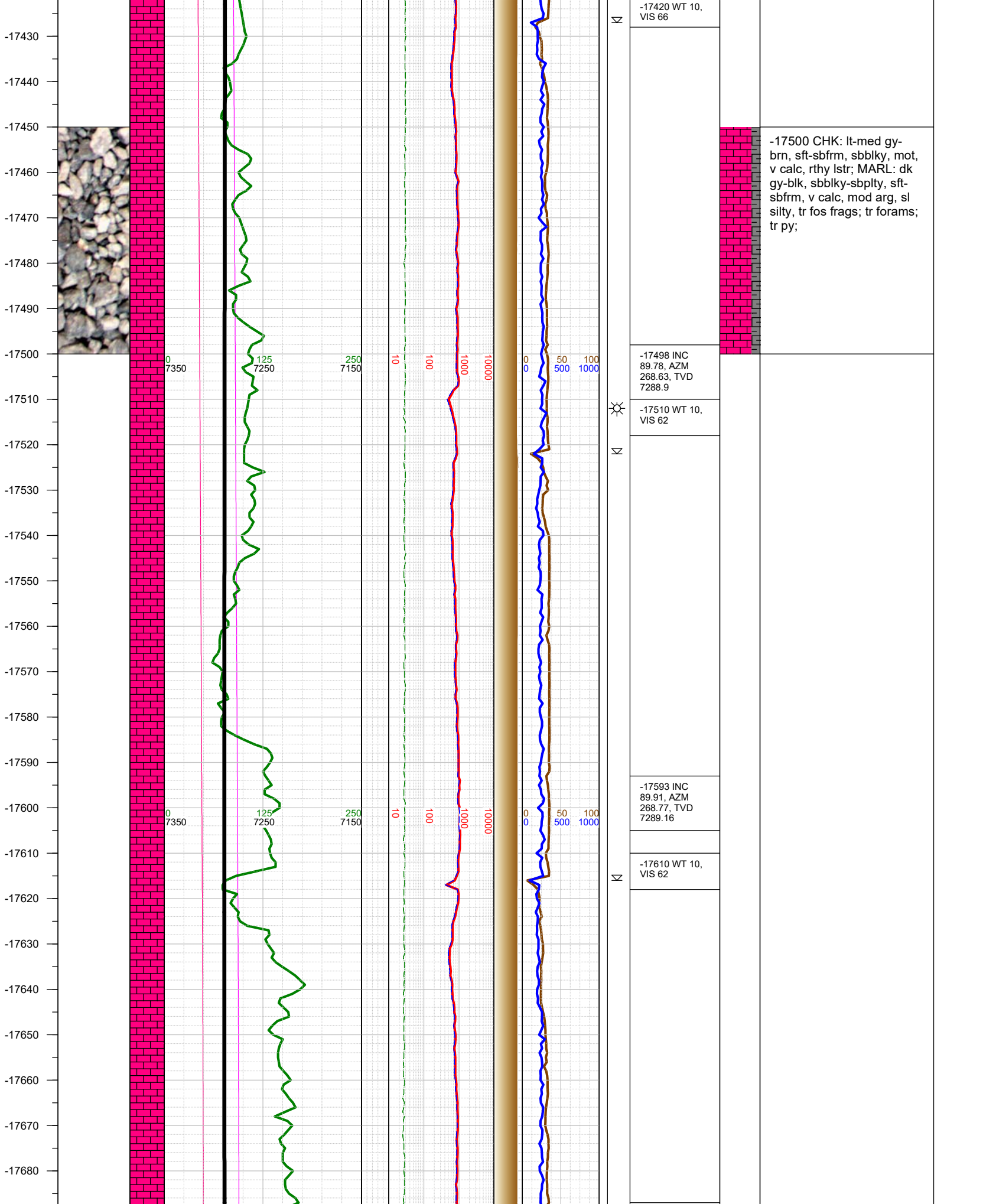


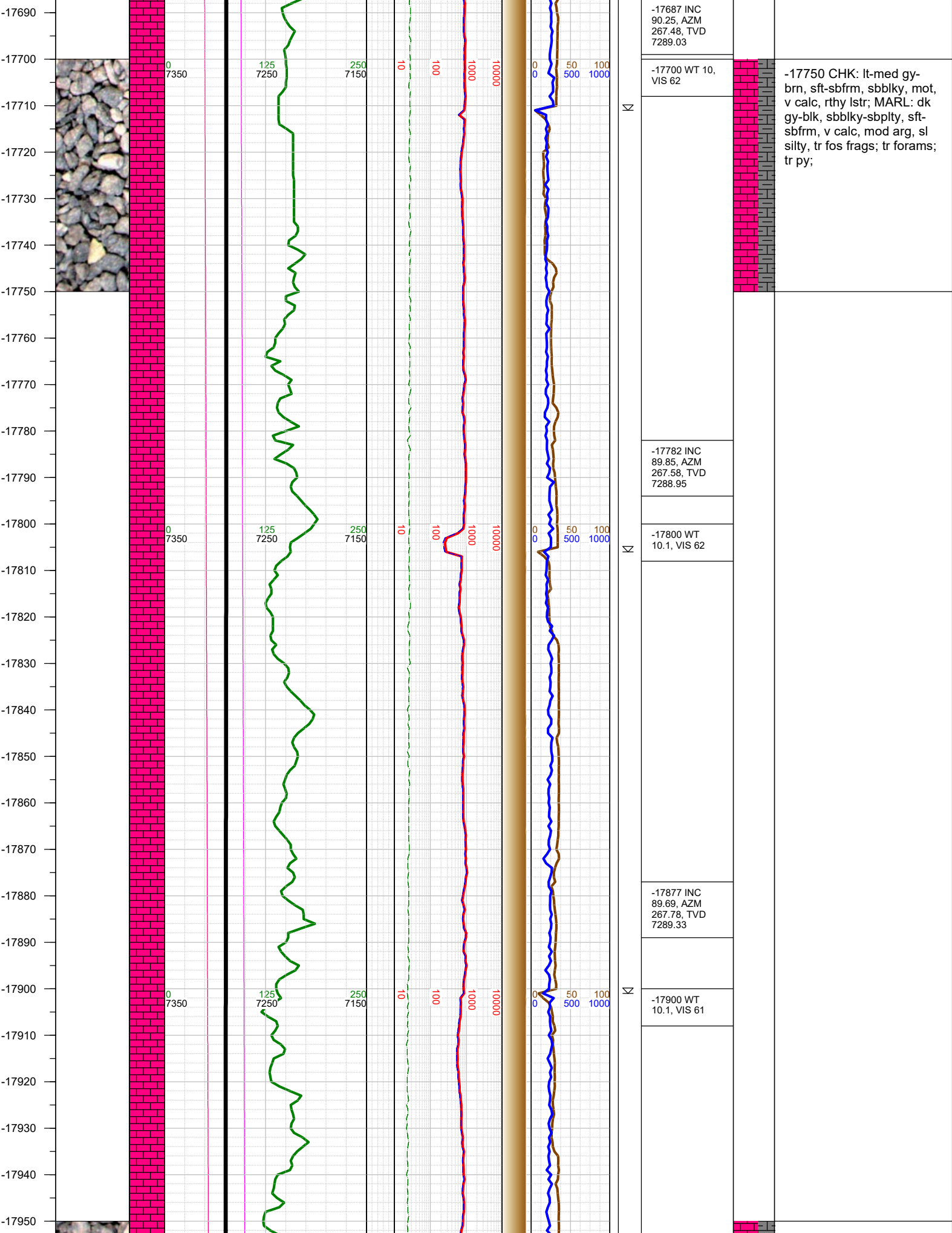
-16750 CHK: lt-med gy-  
brn, sft-sbfrm, sbblky, mot,  
v calc, rthy lstr; MARL: dk  
gy-blk, sbblky-sbplty, sft-  
sbfrm, v calc, mod arg, sl  
silty, tr fos frags; tr forams;  
tr py;



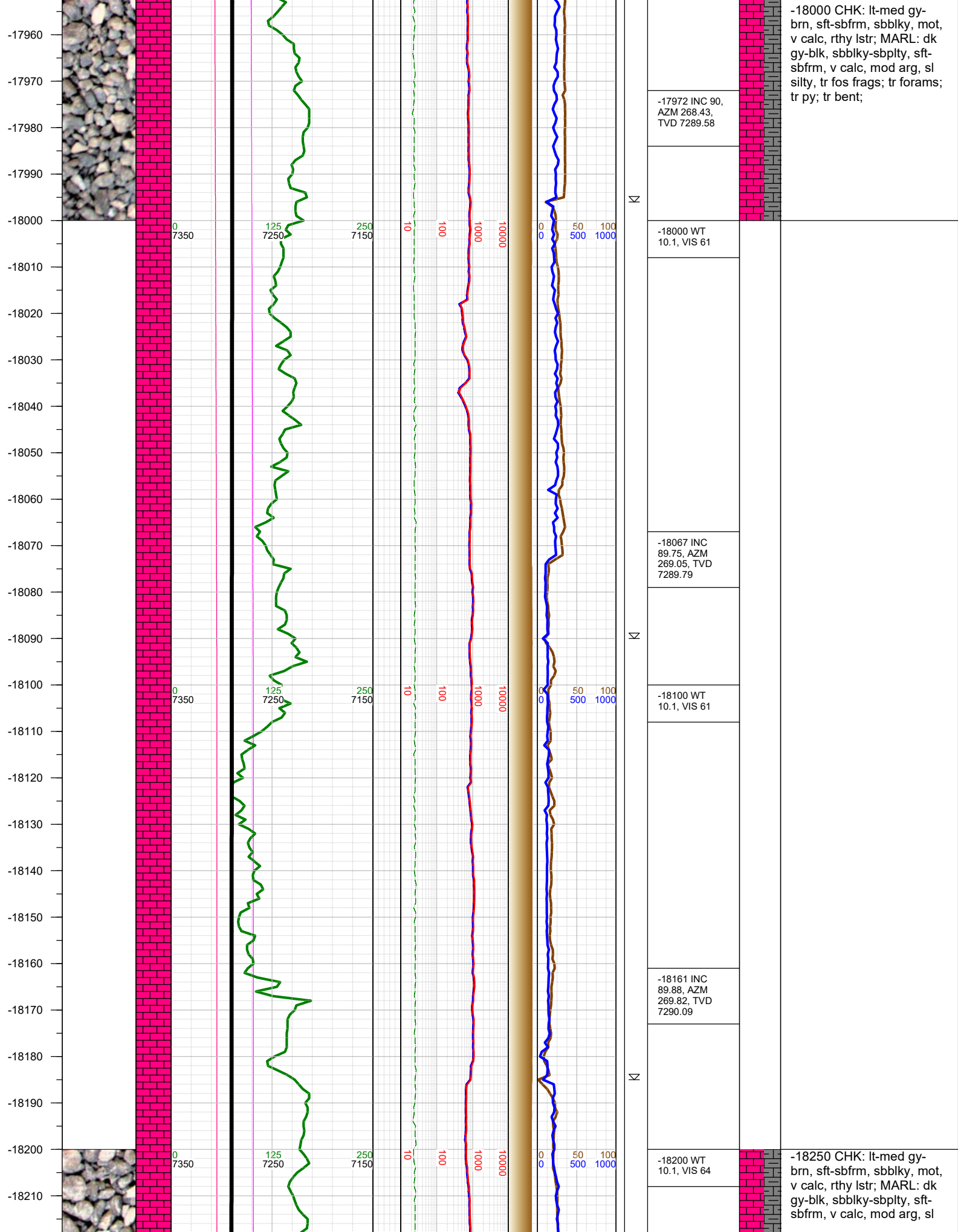


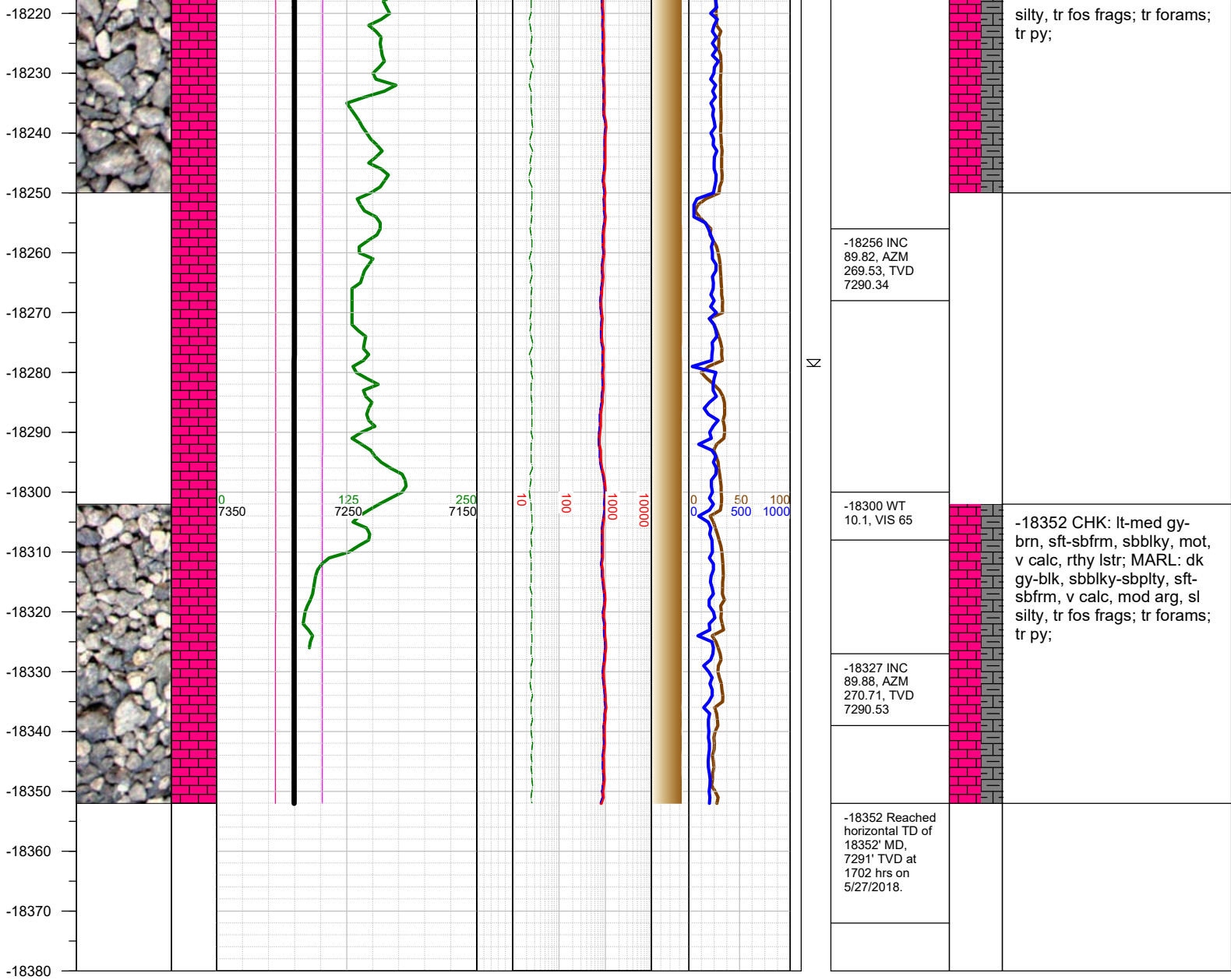












TOTAL DEPTH = 18352'

Thank you for using Earth Science Agency