

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

WELL NAME: **Thornton A-29-30HN**

FIELD NAME: DJ Basin - Wattenberg

DRILLING RIG: True 38

API #: 05-123-43605

LAT/LONG: 40.548623, -104.791352

SURFACE HOLE: SWNW S28-T7N-R66W, 1645' FNL, 404' FWL

BOTTOM HOLE: S30-T7N-R66W, 160' FNL, 470' FWL

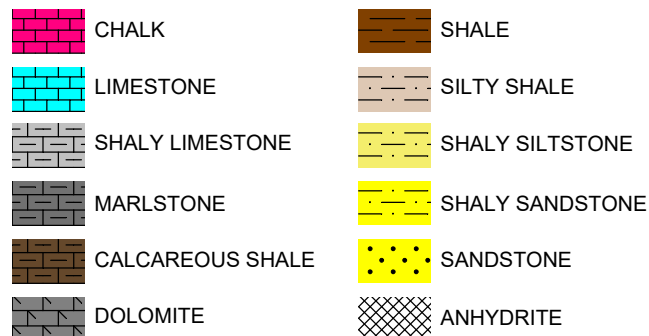


Earth Science Agency, LLC

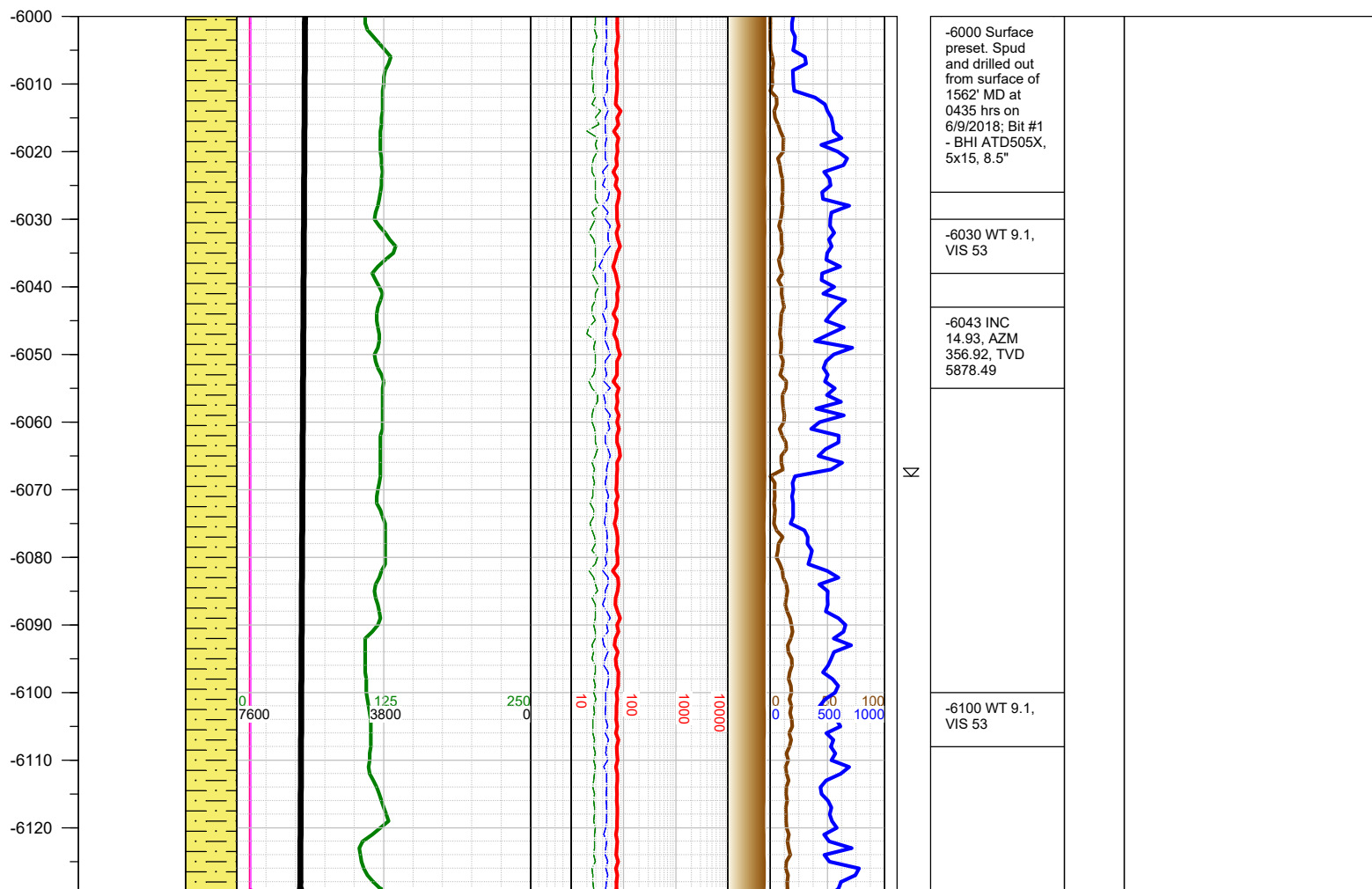
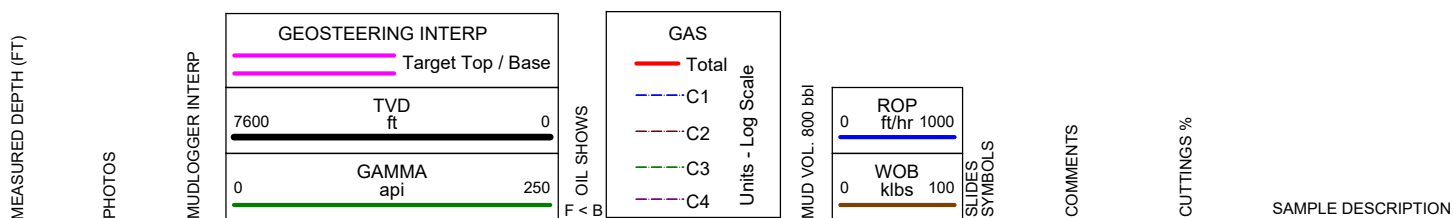
COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 4909'
KELLY BUSHING: 4934'
DRILLING FLUID: OBM
TVD VS. MD: 7213' / 17788'
SPUD DATE: June 9, 2018
TD DATE: June 14, 2018

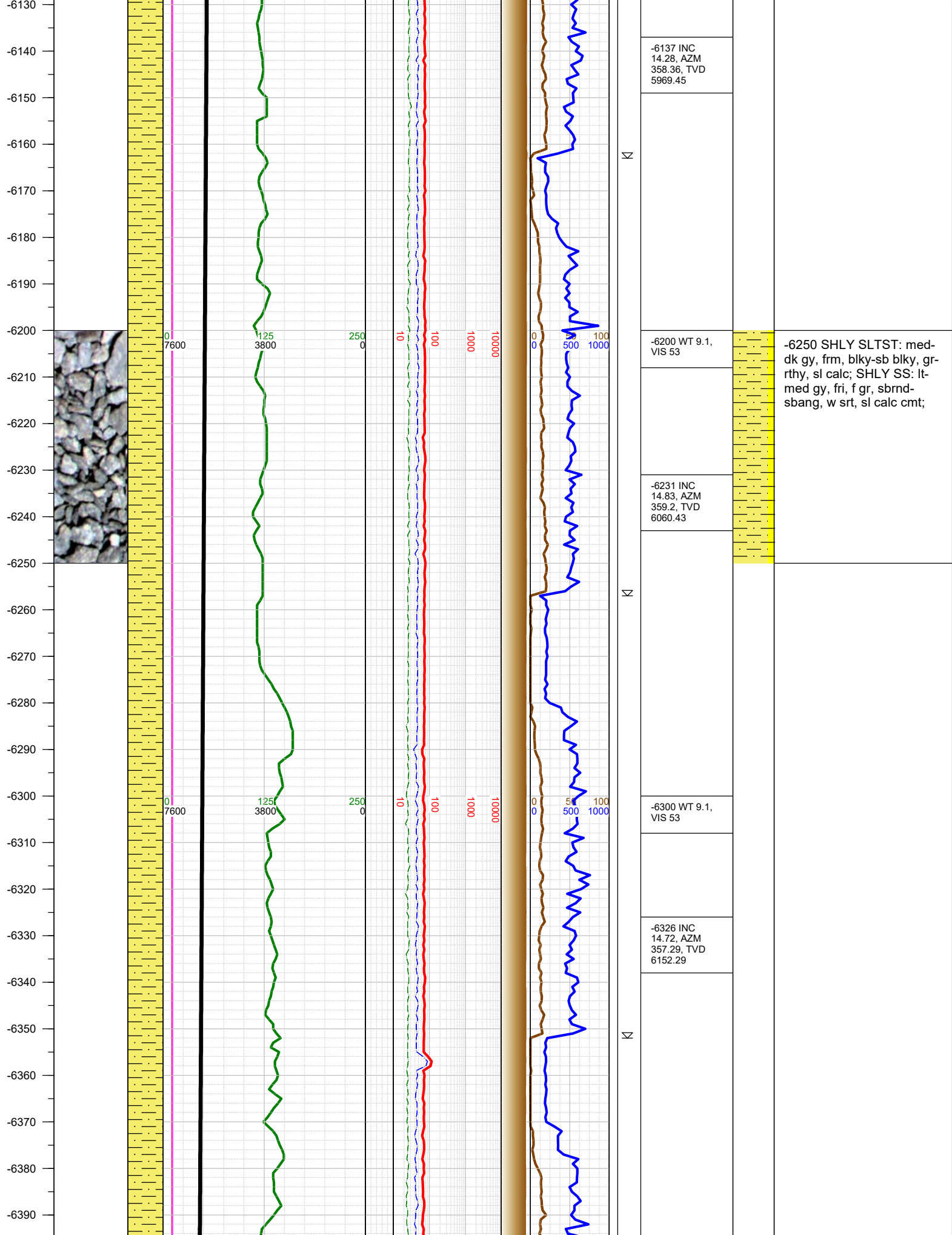
DEPTHS LOGGED: 6000' - 17788'
DATES LOGGED: June 10, 2018 - June 14, 2018
GEOLOGISTS: Scott Snoy, Curtis Magnino
SCALE: 5" = 100'

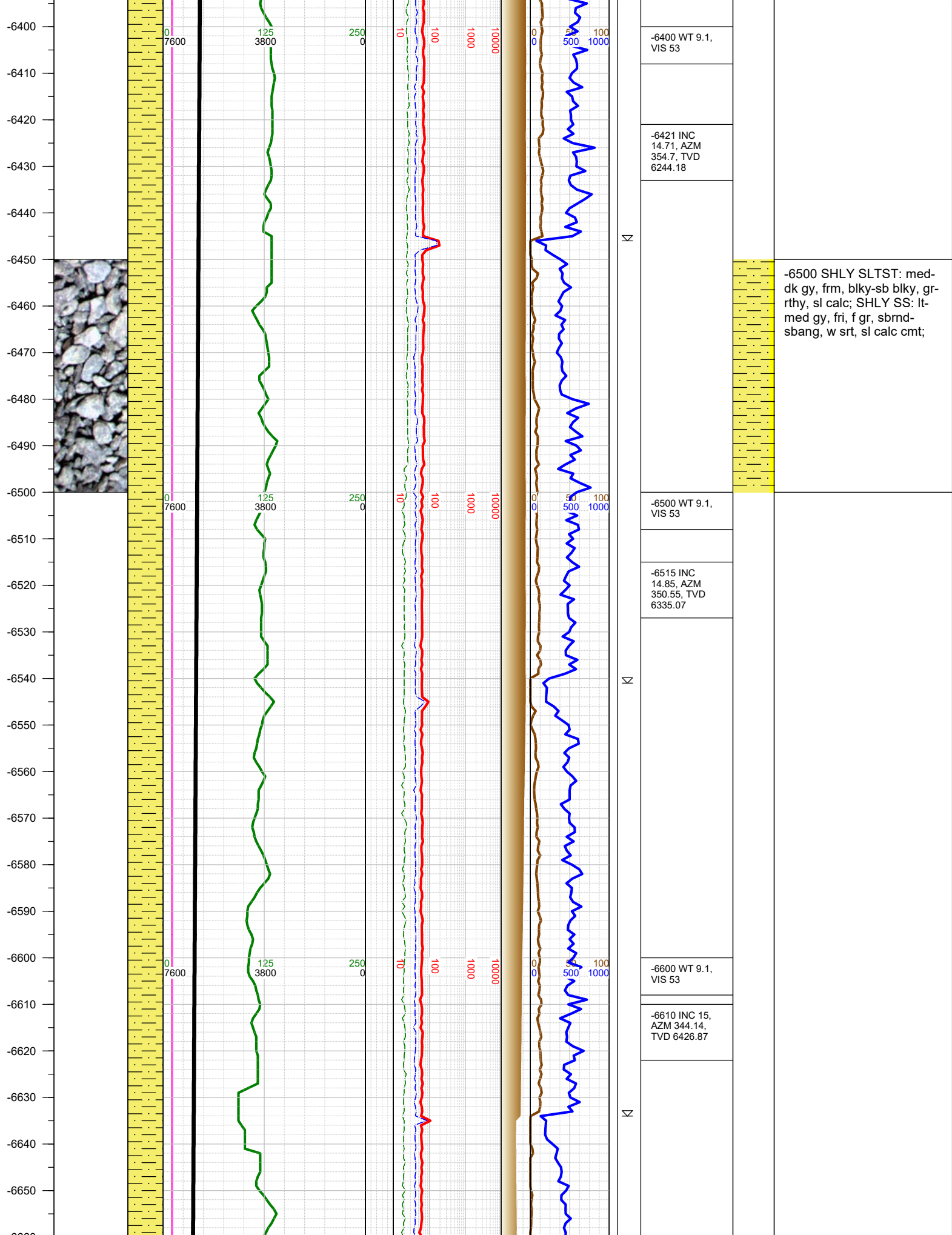
LEGEND

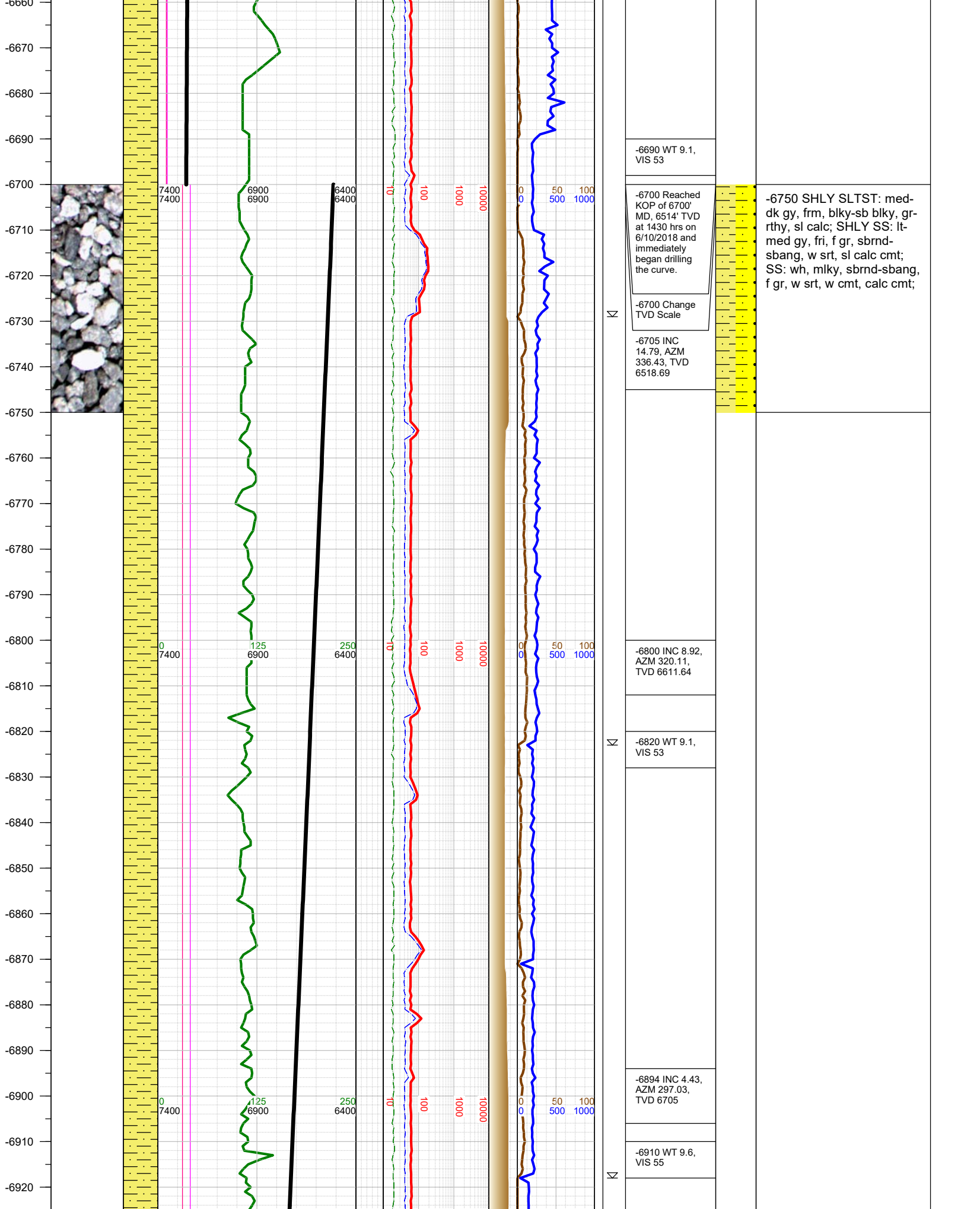


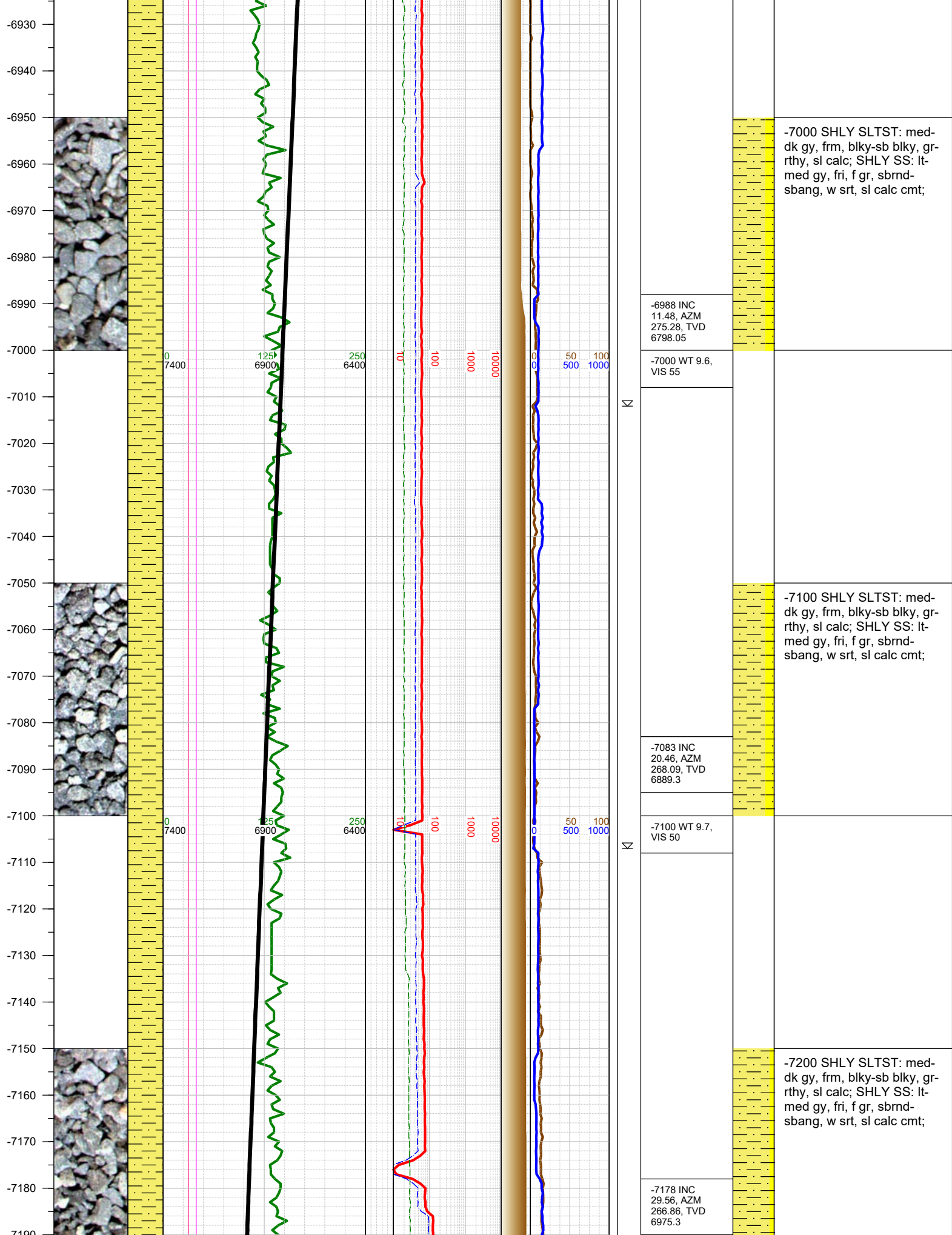
FORMATION \approx CONNECTION Δ MIDNIGHT NEW BIT GAS SHOW FAULT

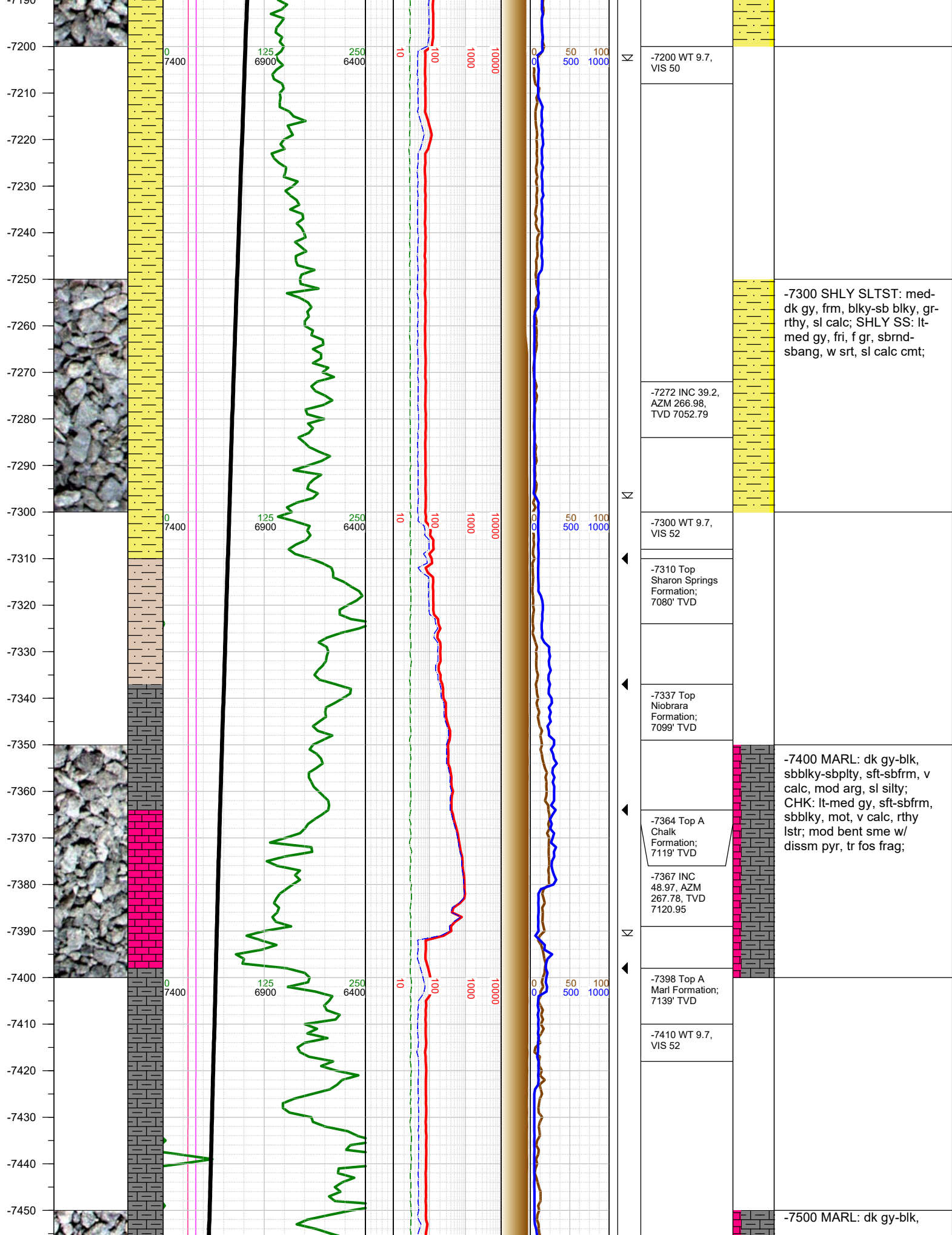


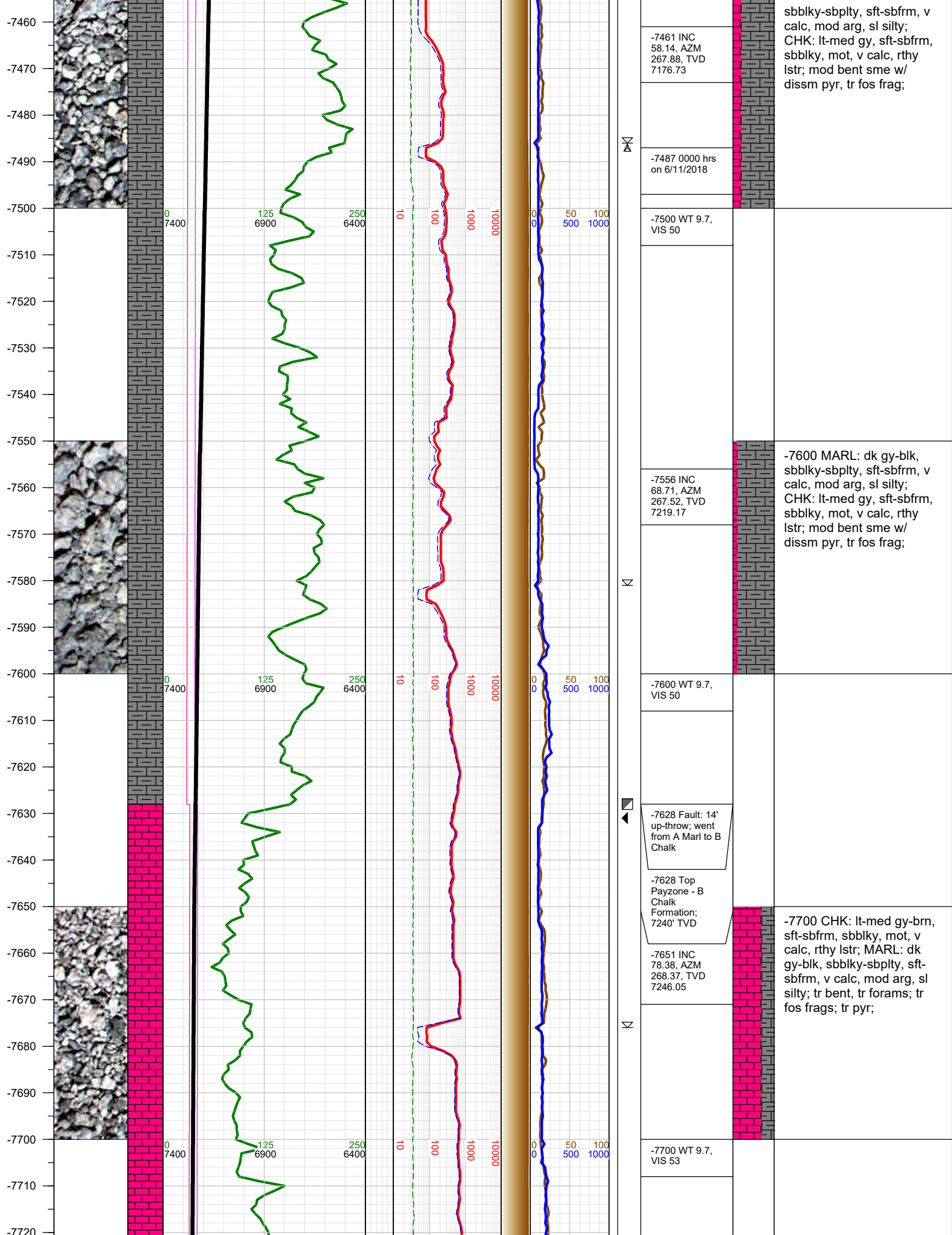


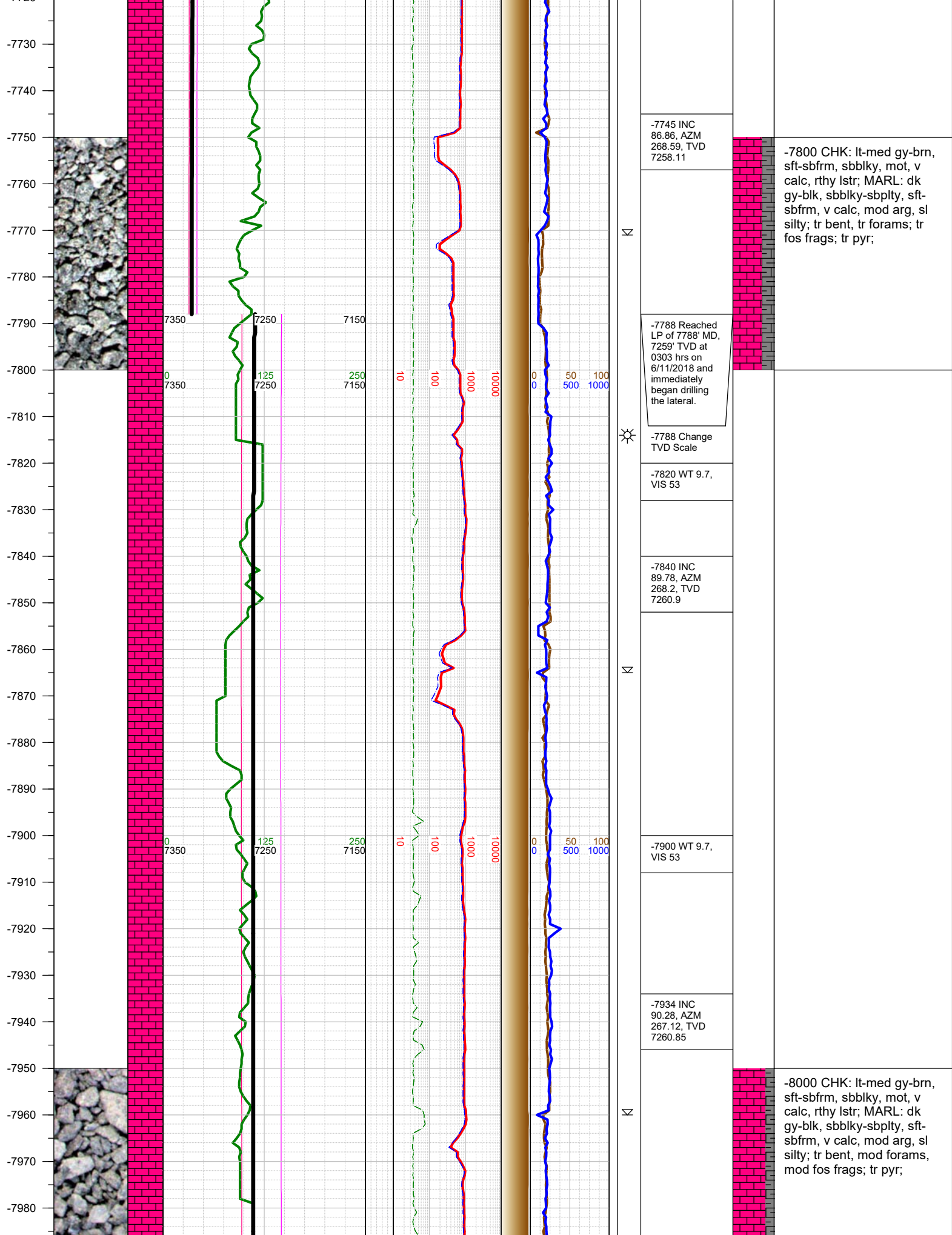


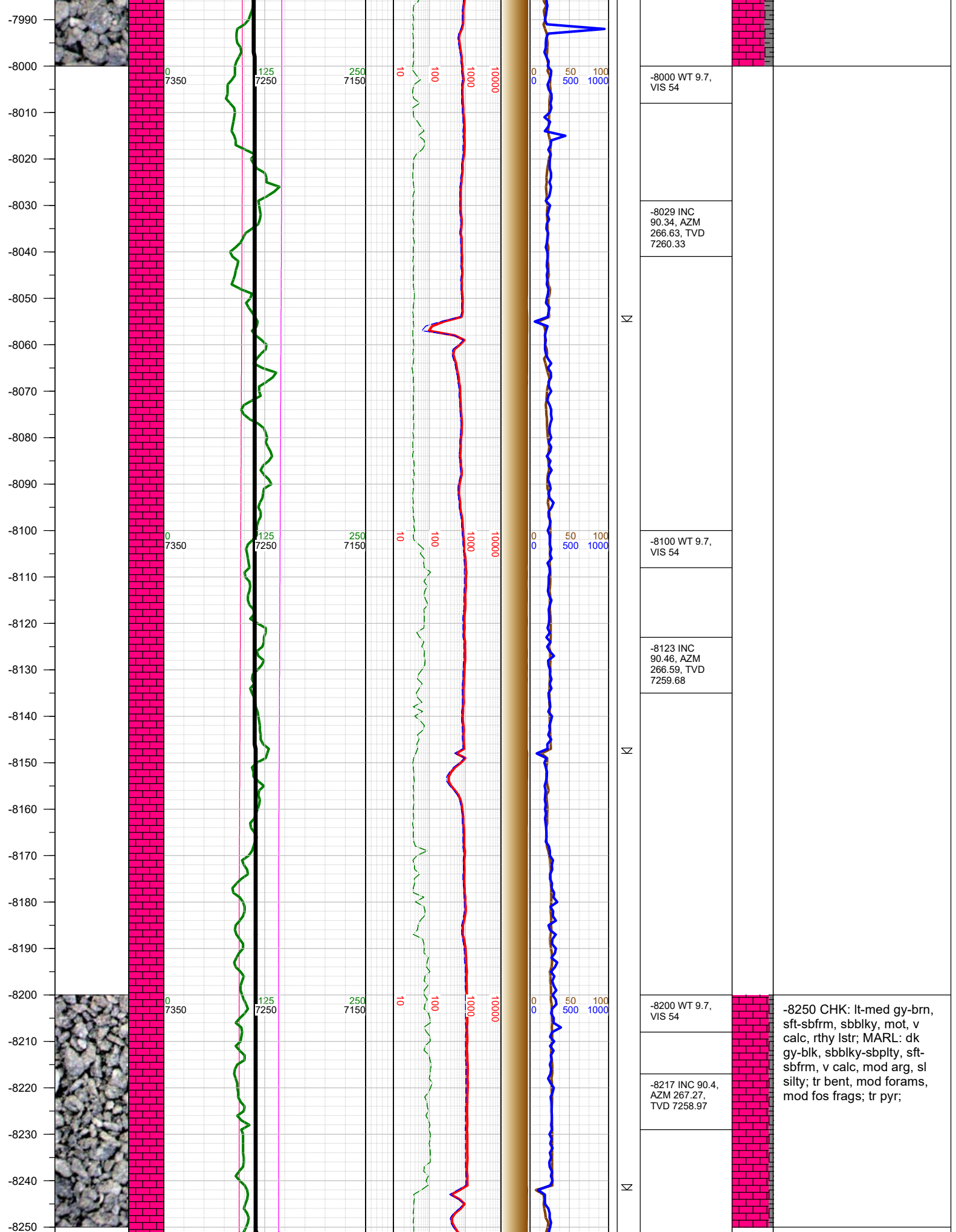


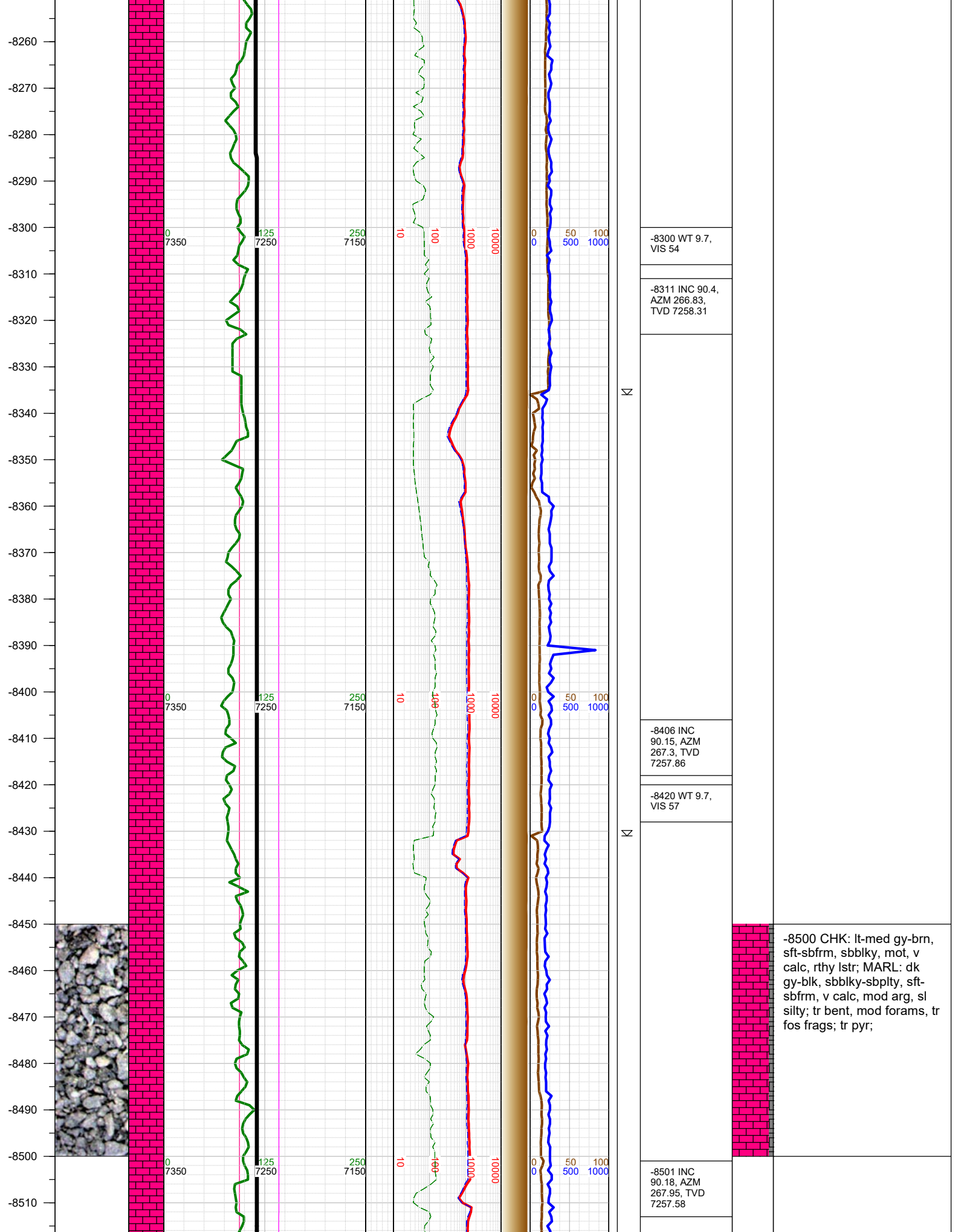


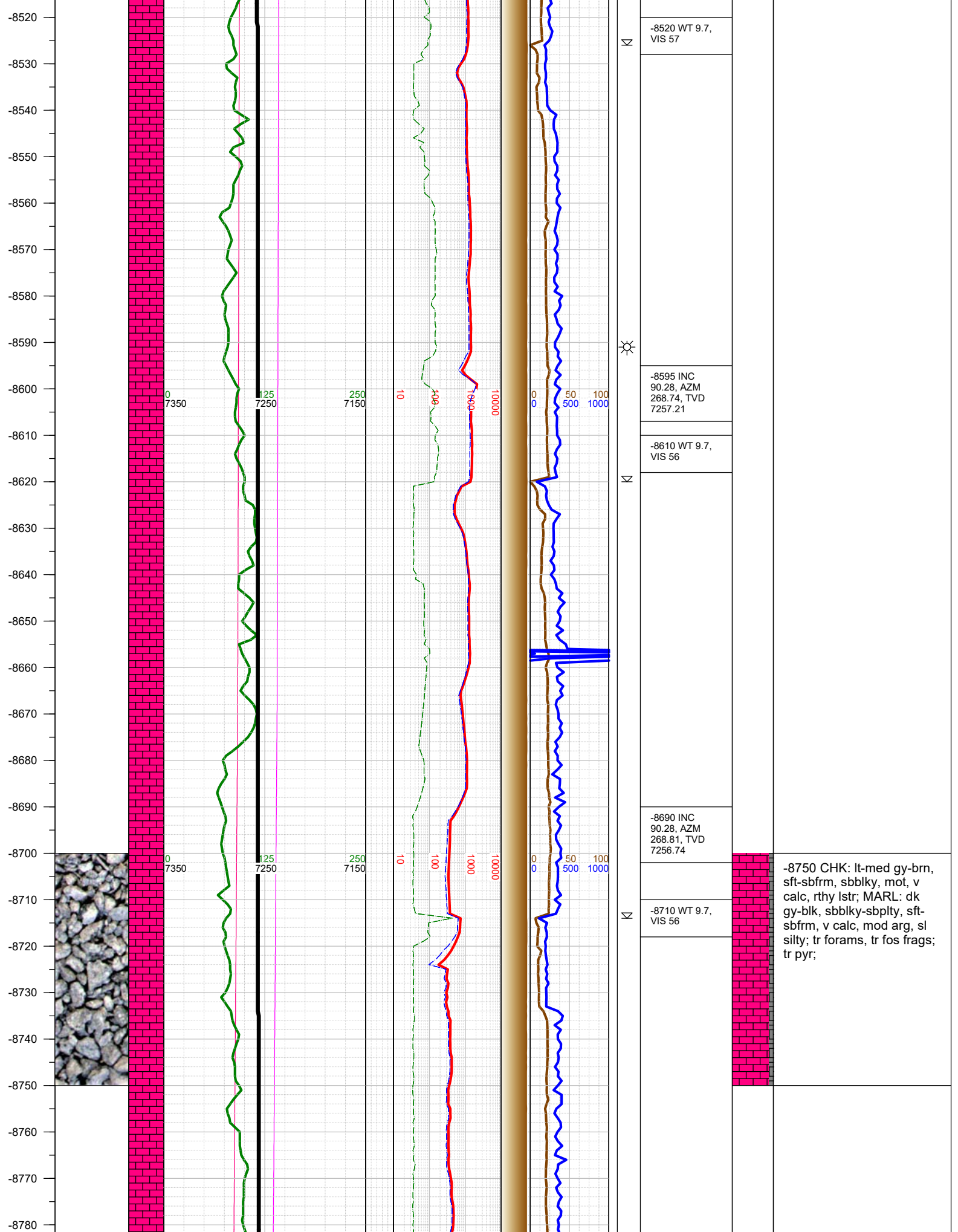


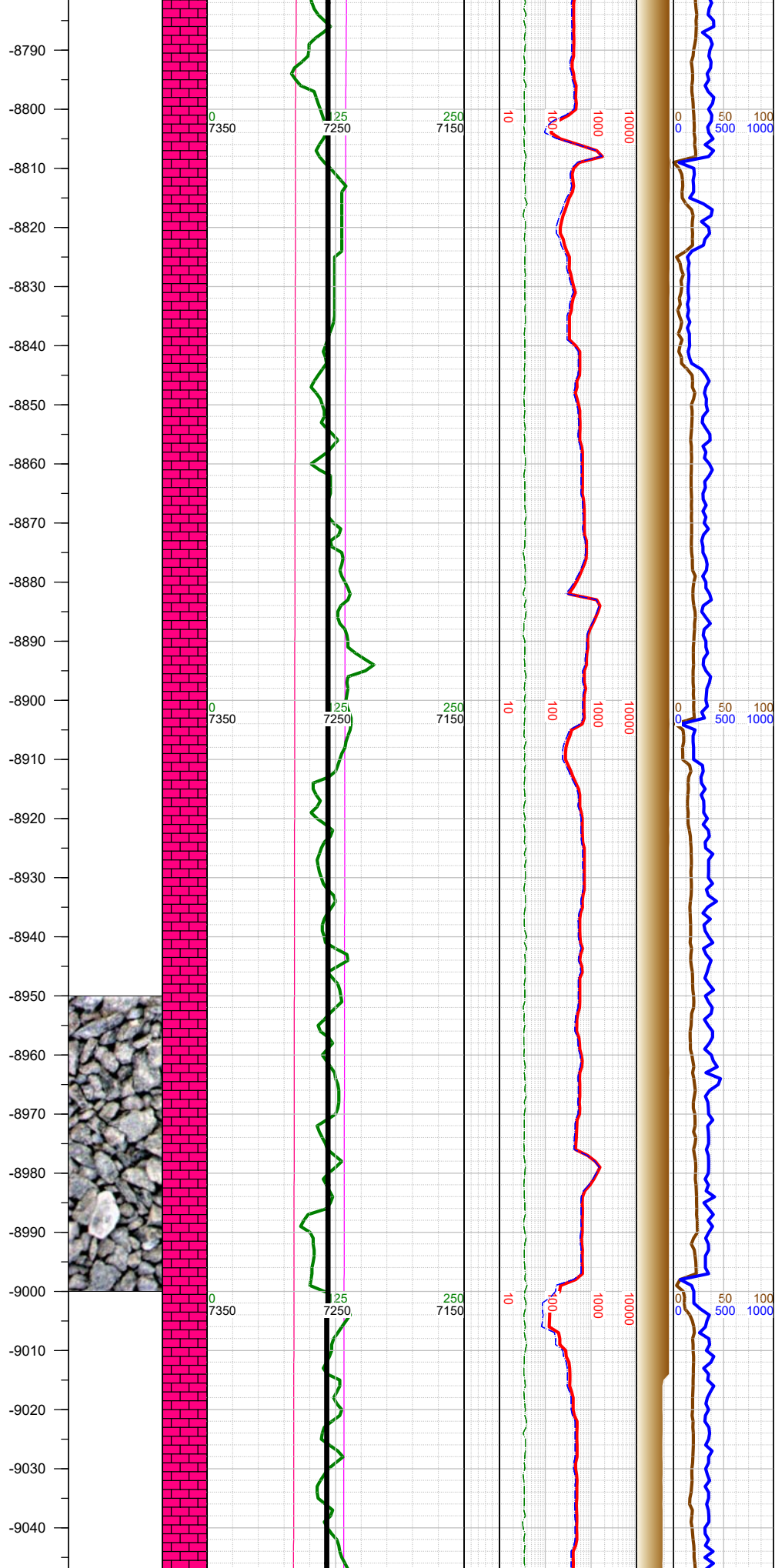




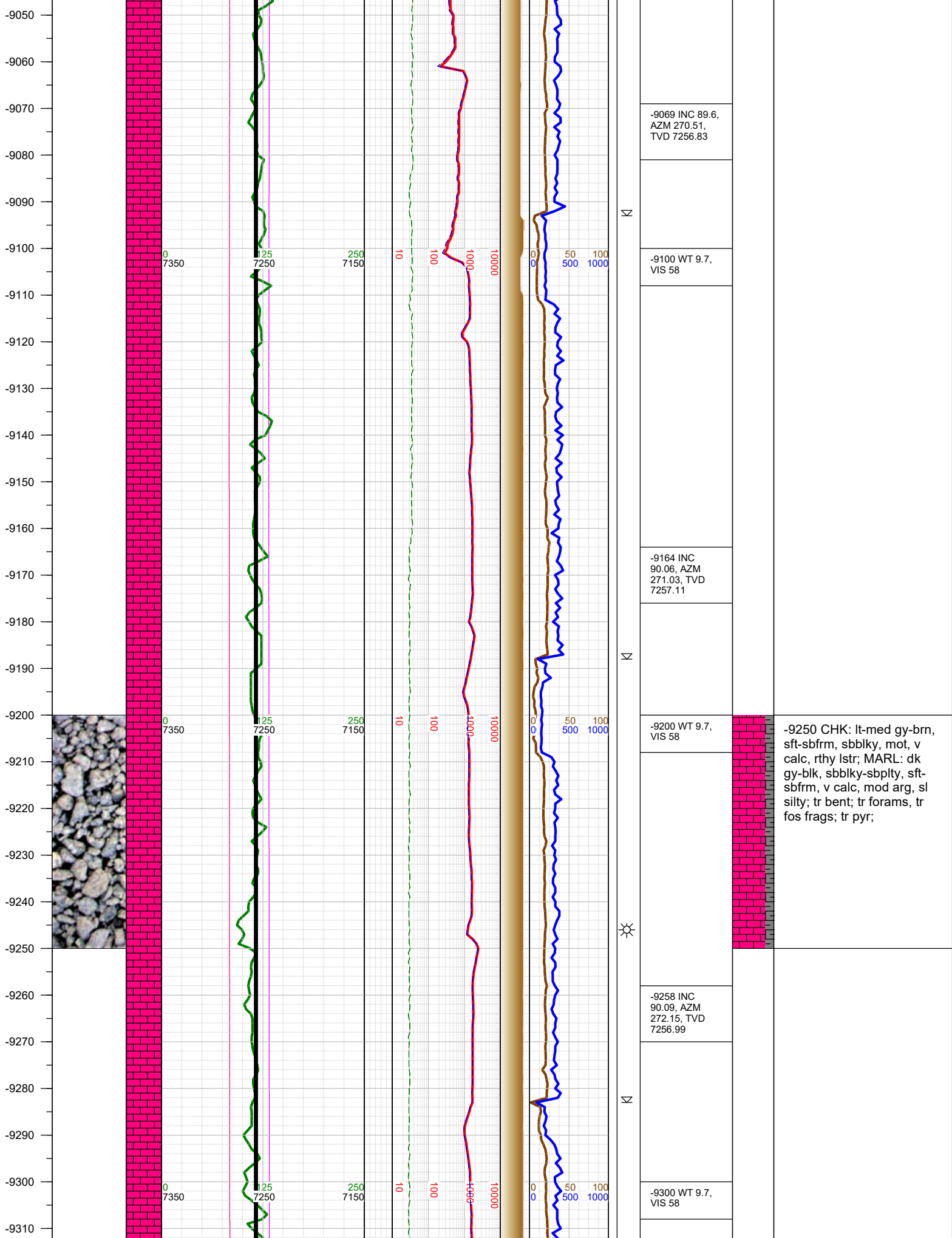


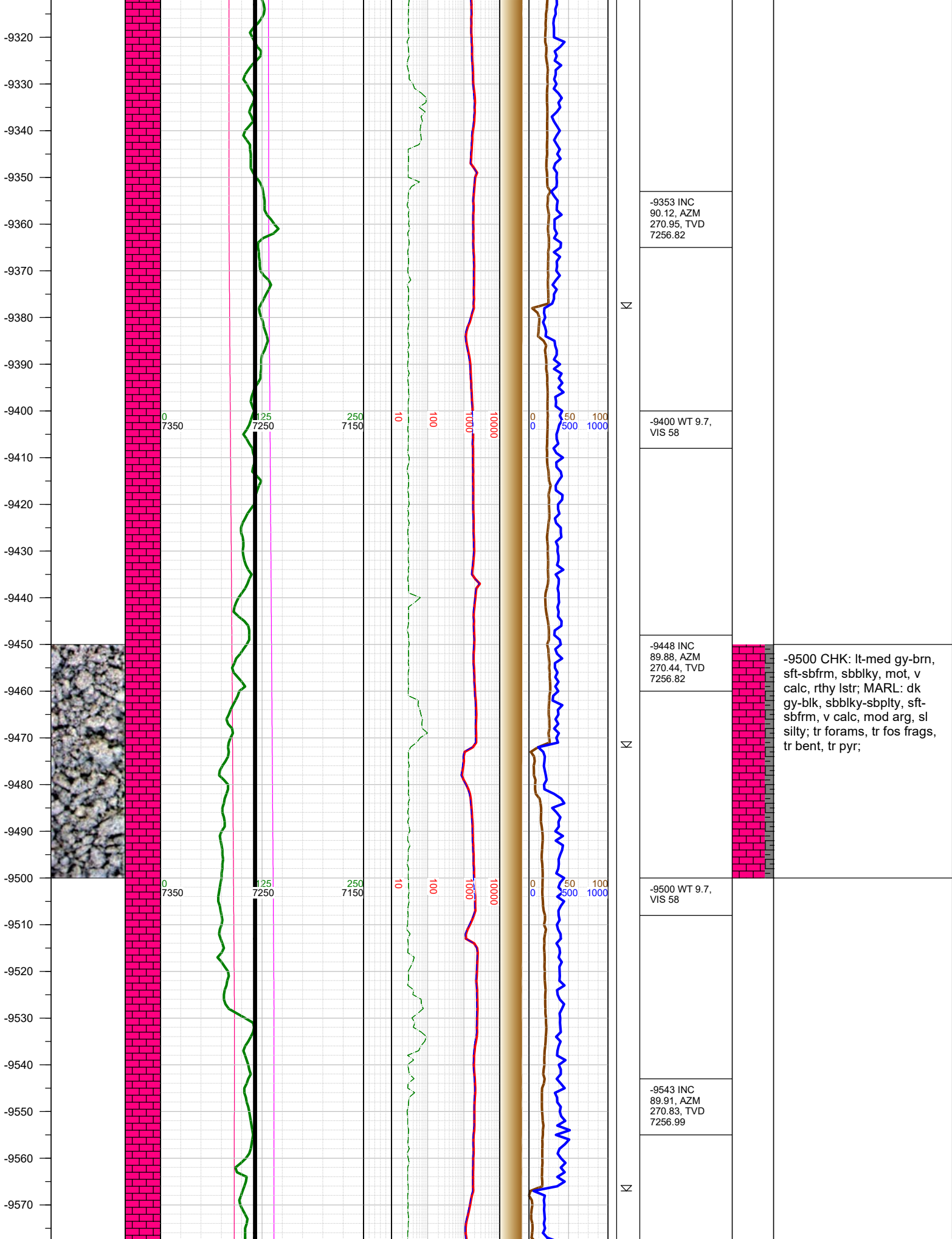


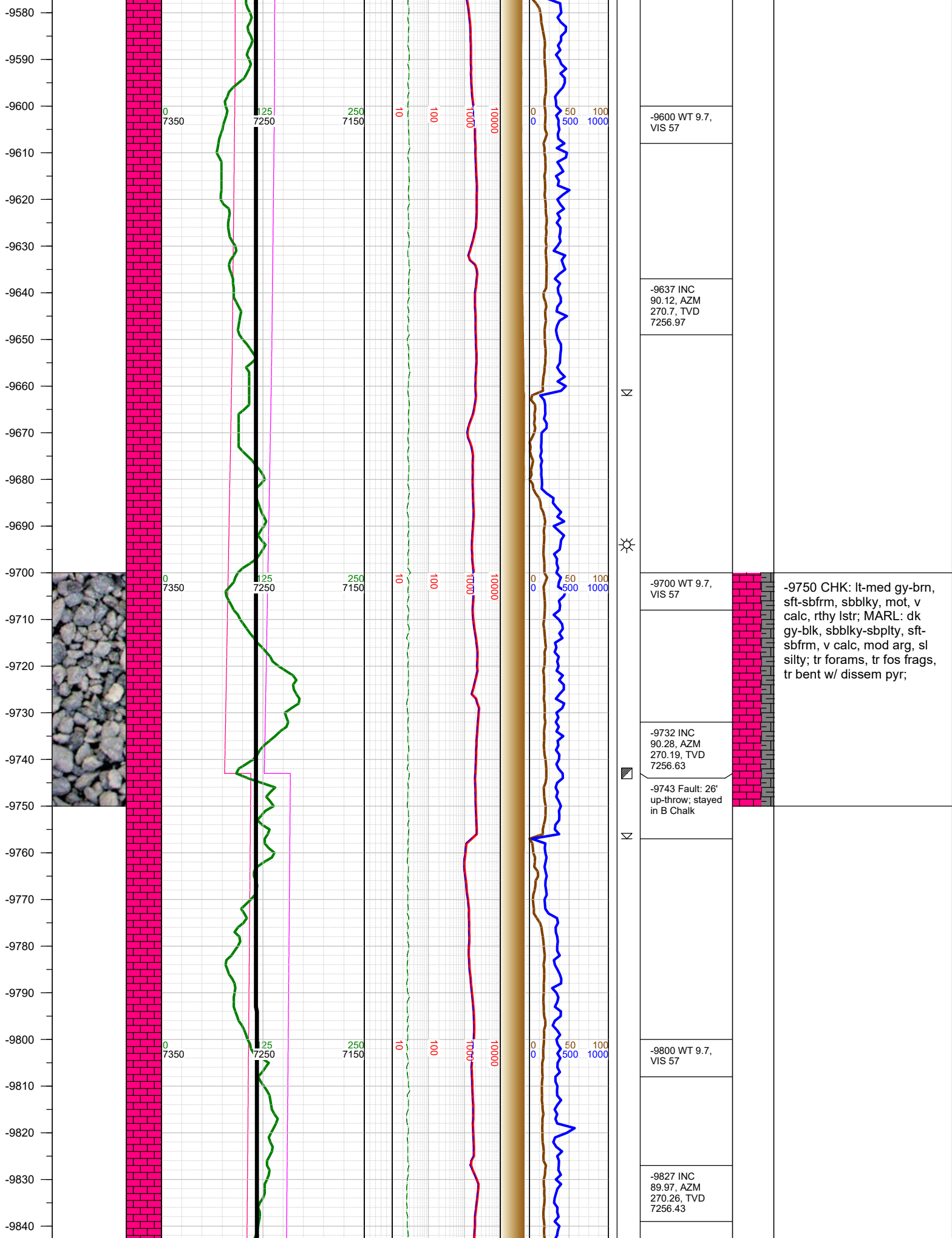


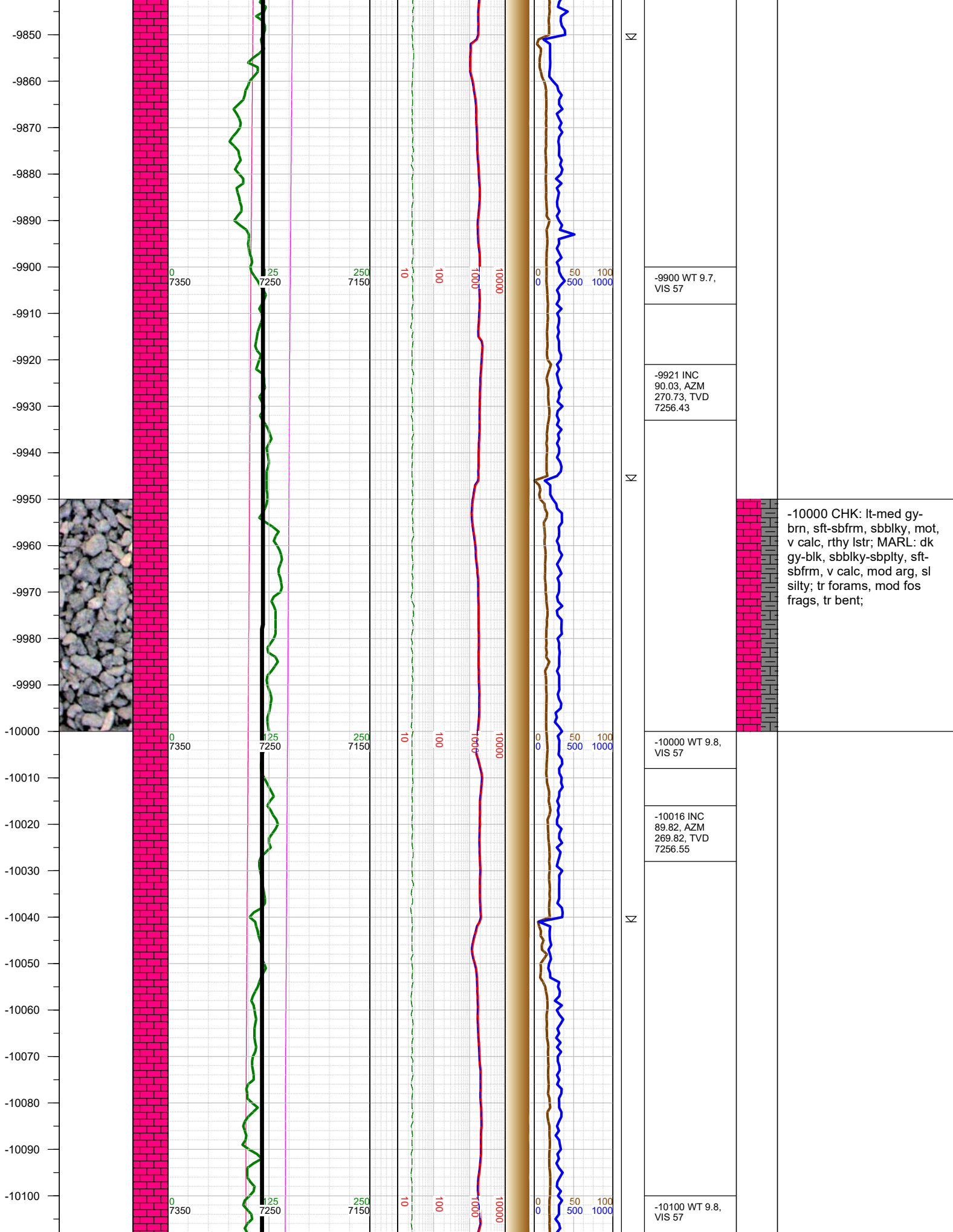


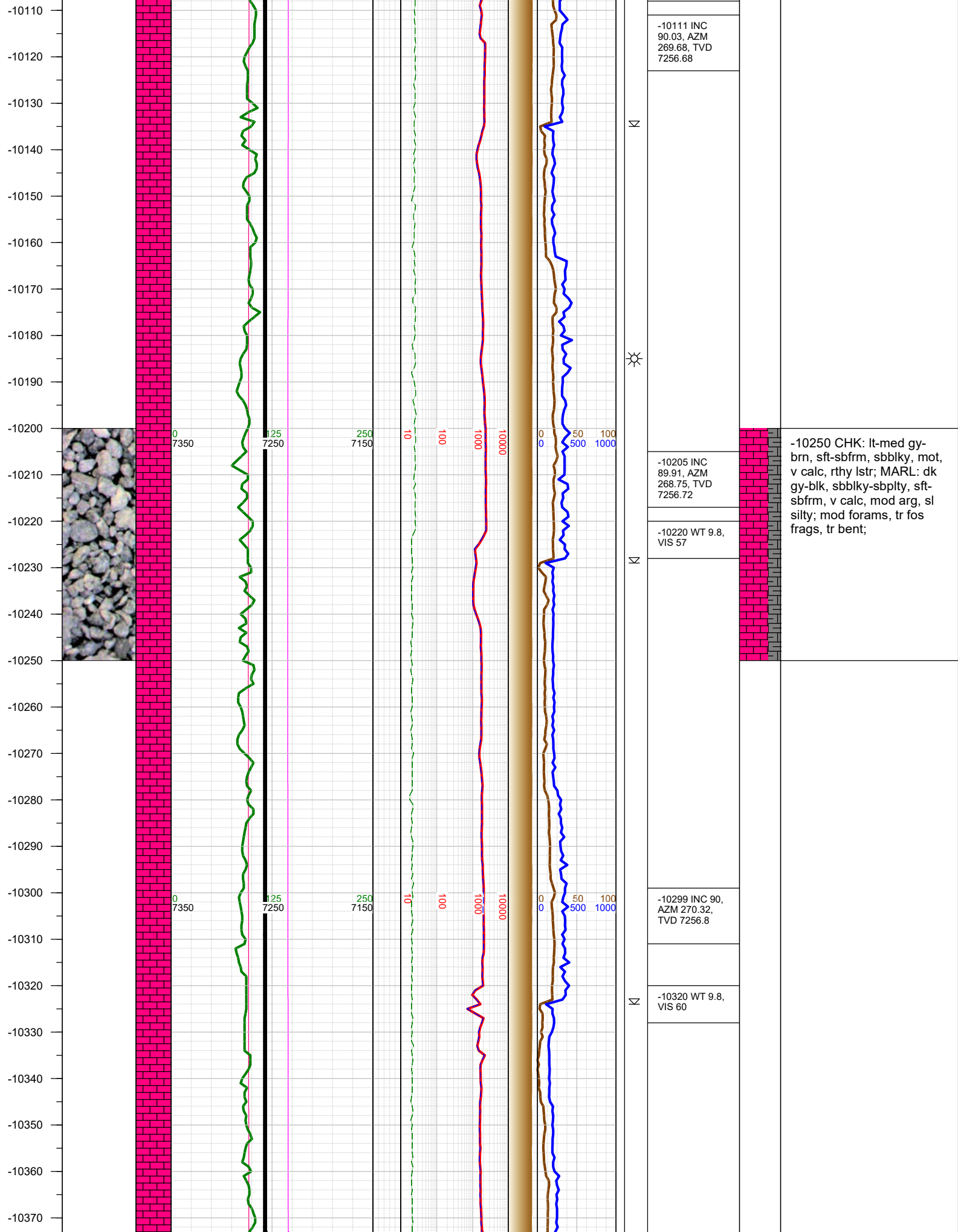
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	-8800 WT 9.7, VIS 56	
N	-8879 INC 89.85, AZM 270.11, TVD 7256.08	
	-8900 WT 9.7, VIS 56	
N	-8974 INC 89.82, AZM 270.04, TVD 7256.35	-9000 CHK: lt-med gy-brn, sft-sbfrm, sbblky, mot, v calc, rthy lstr; MARL: dk gy-blk, sbblky-sbplty, sft- sbfrm, v calc, mod arg, sl silty; tr forams, tr fos frags; tr pyr;
	-9000 WT 9.7, VIS 56	

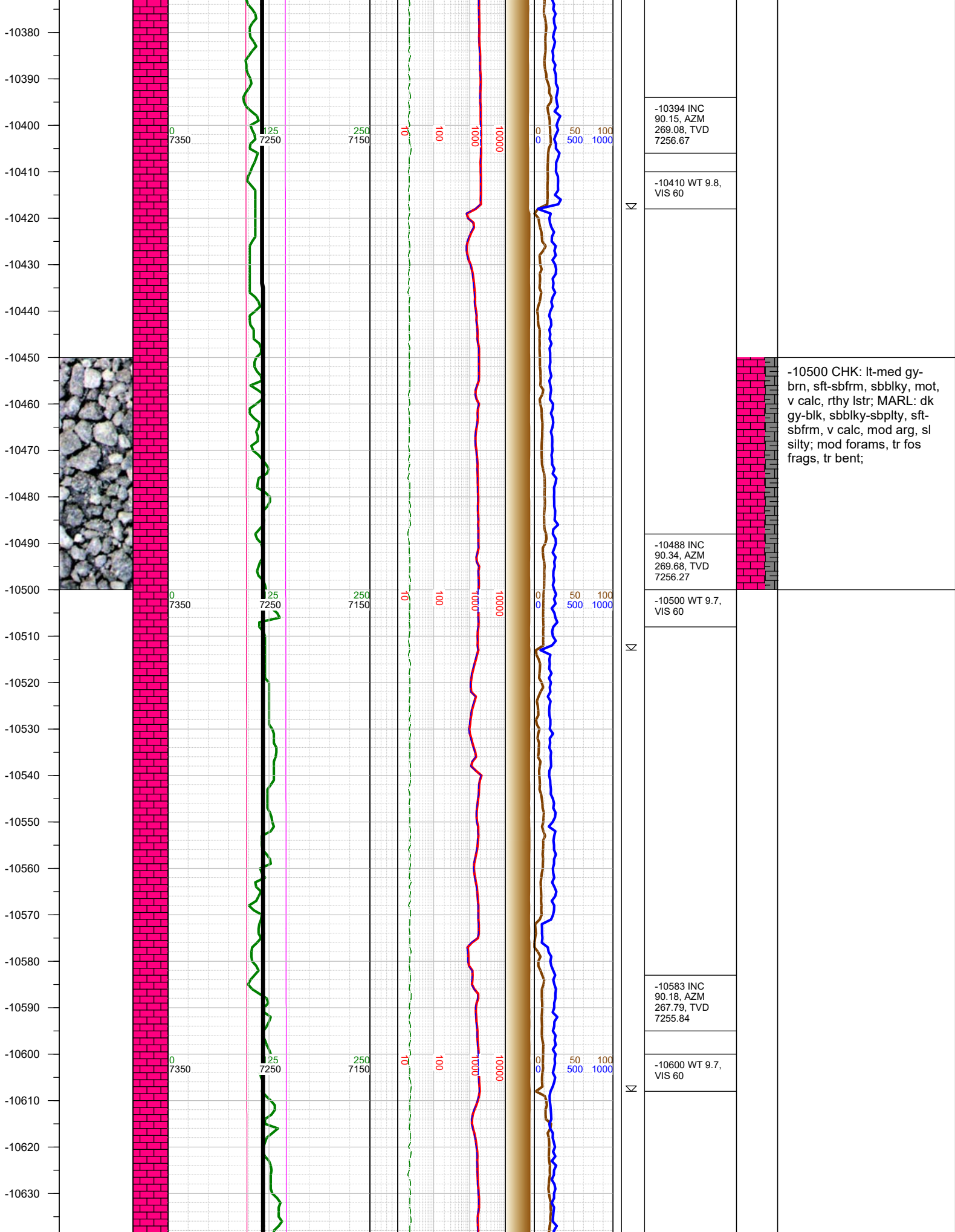


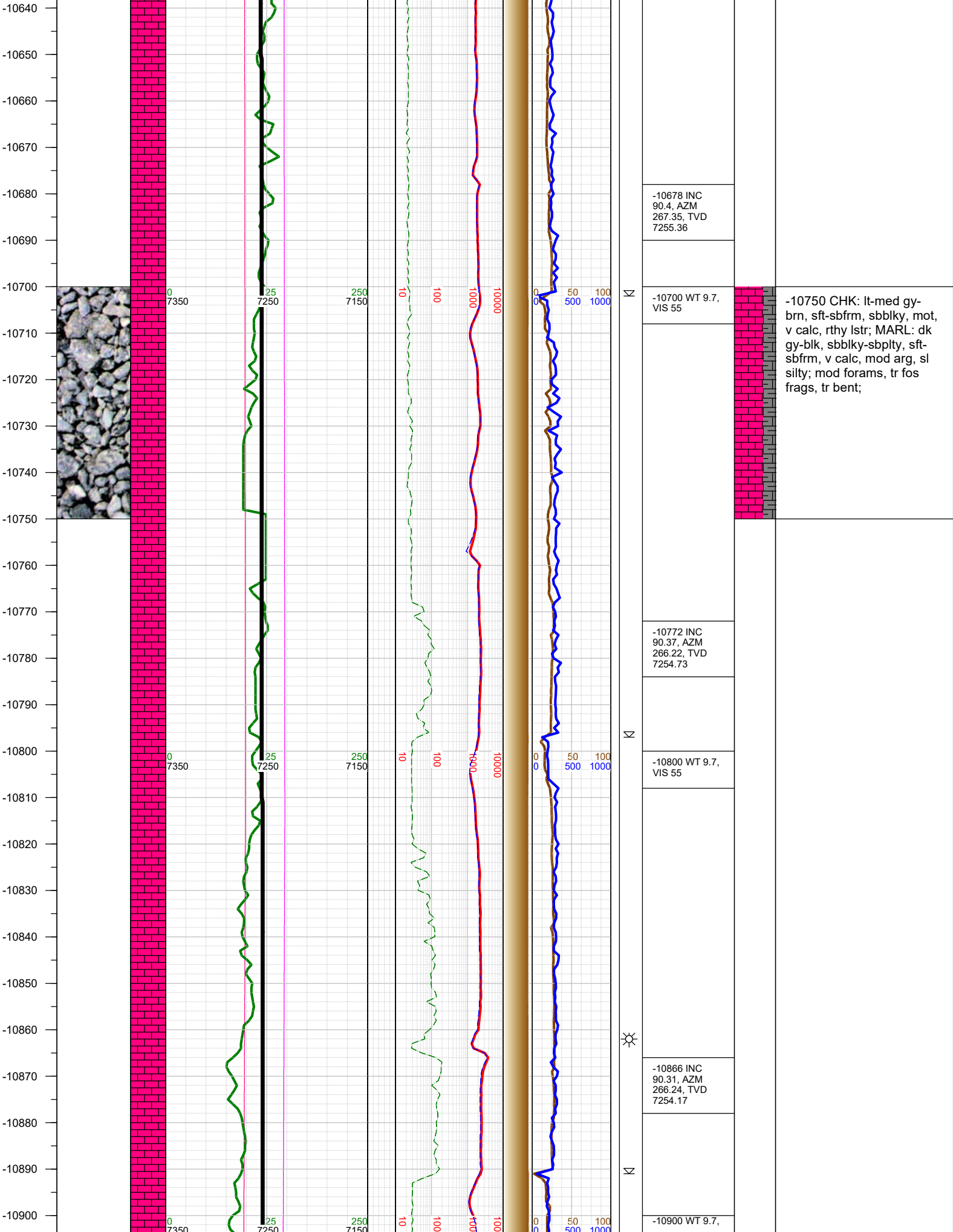


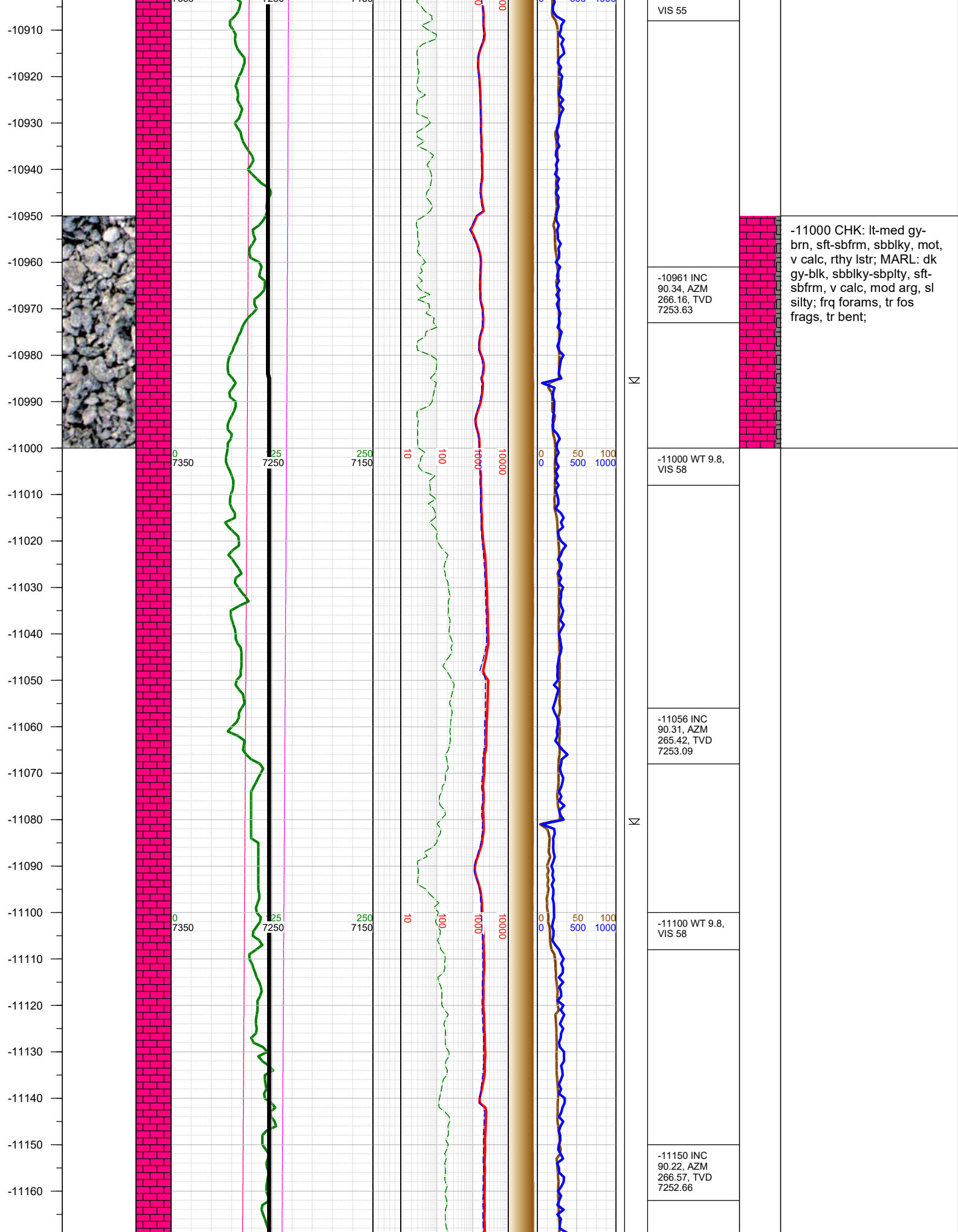


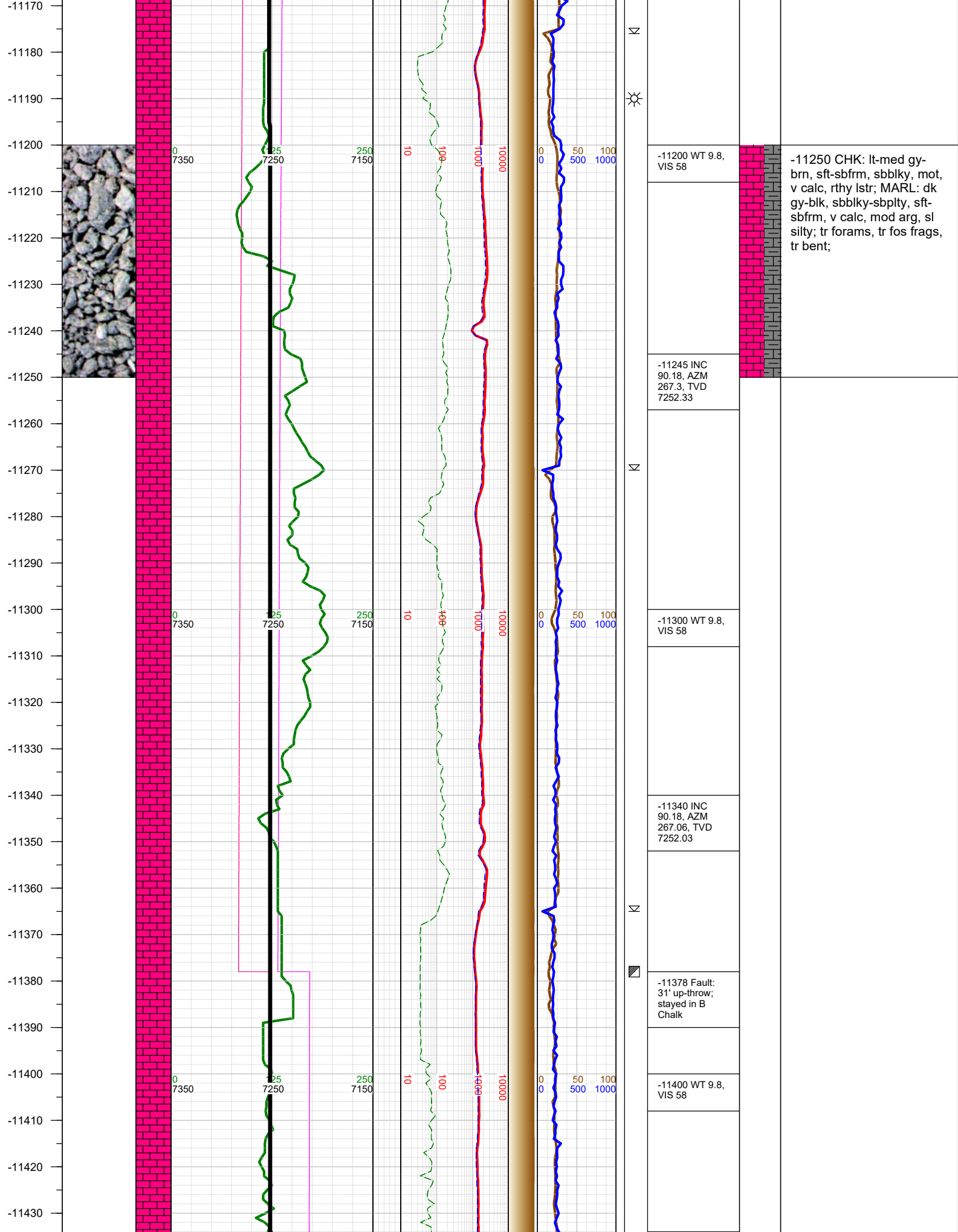


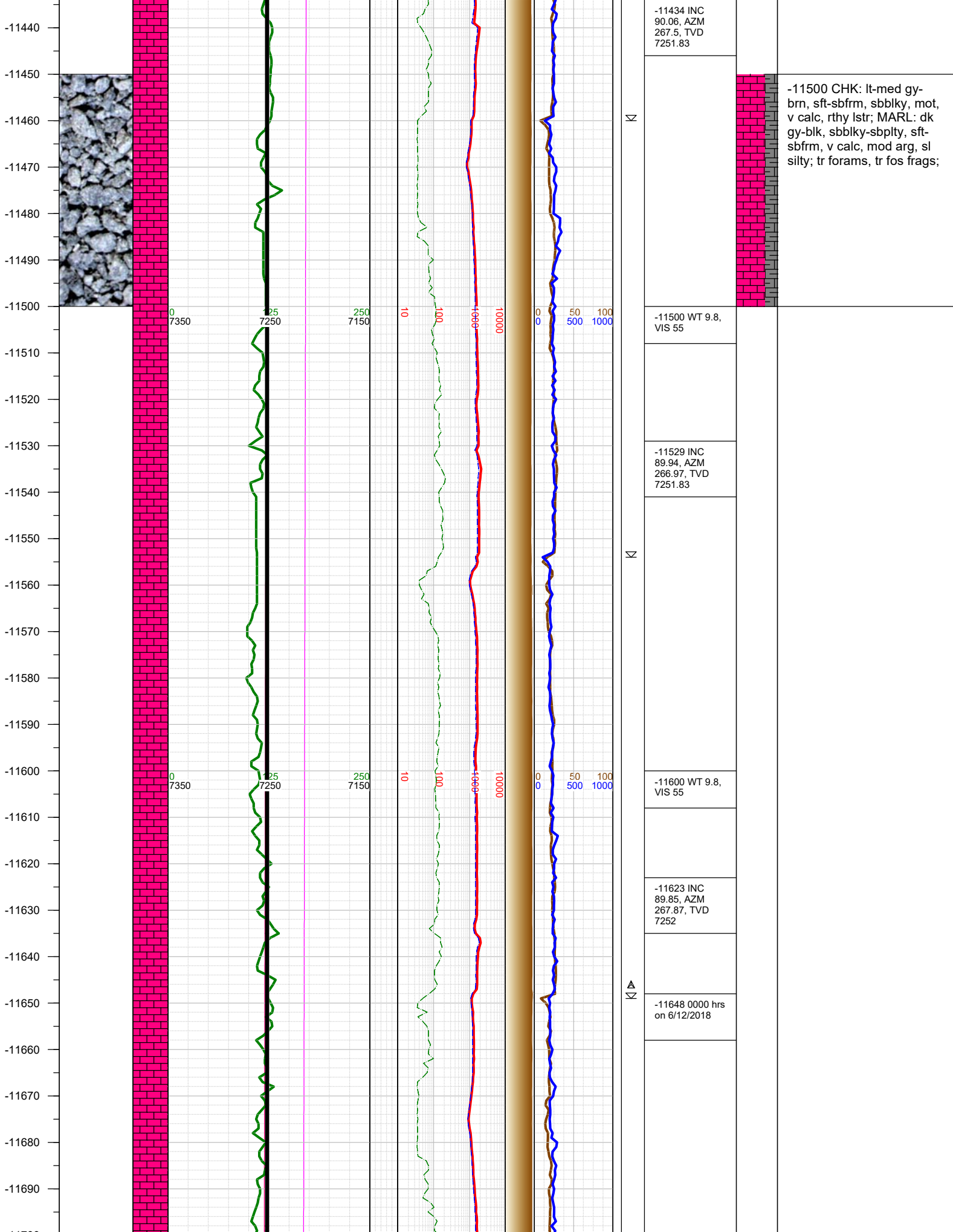


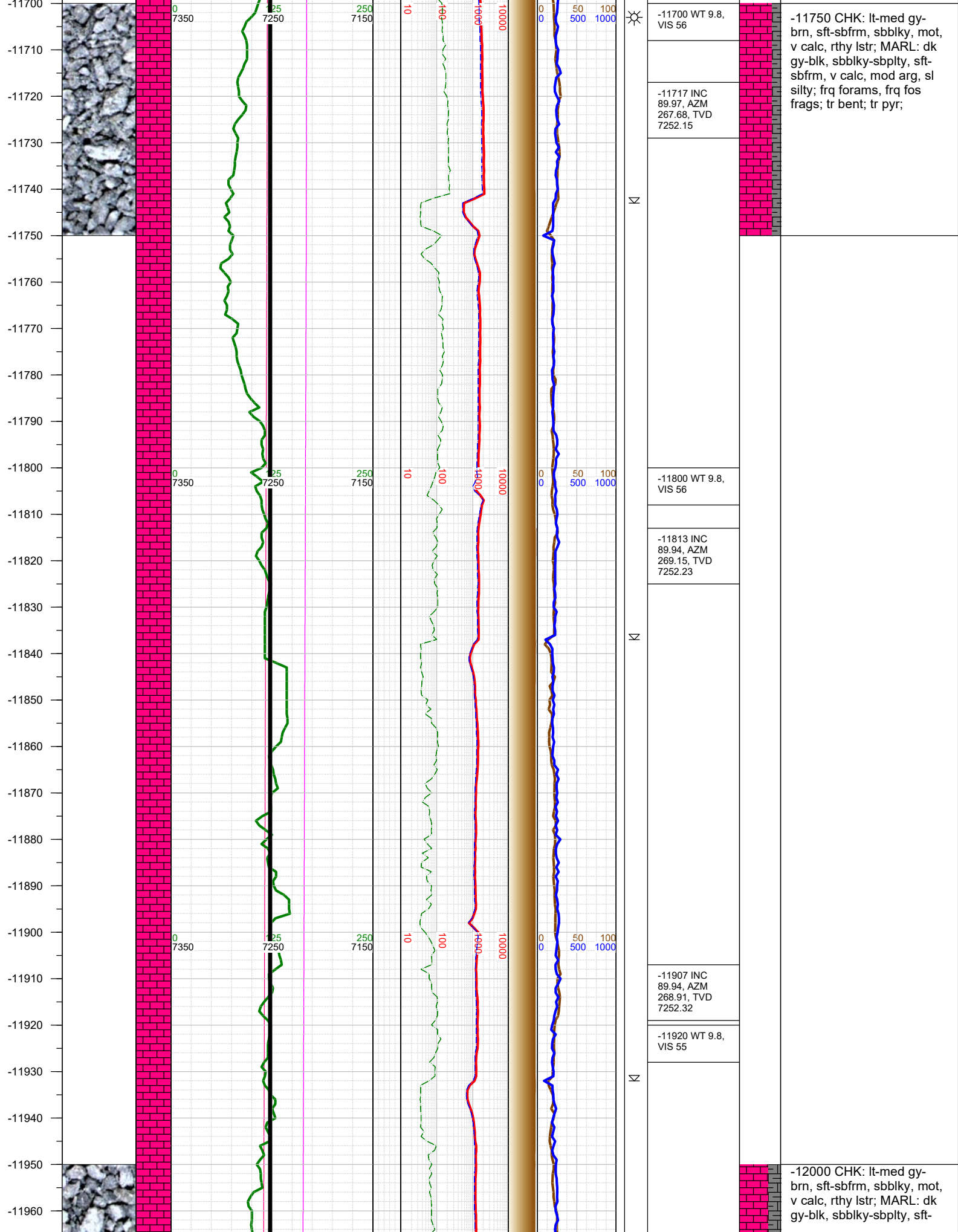




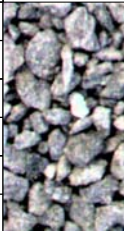
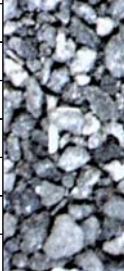








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-12002 INC
90.03, AZM
268.65, TVD
7252.35

-12020 WT 9.8,
VIS 55

-12096 INC
90.34, AZM
269.61, TVD
7252.05

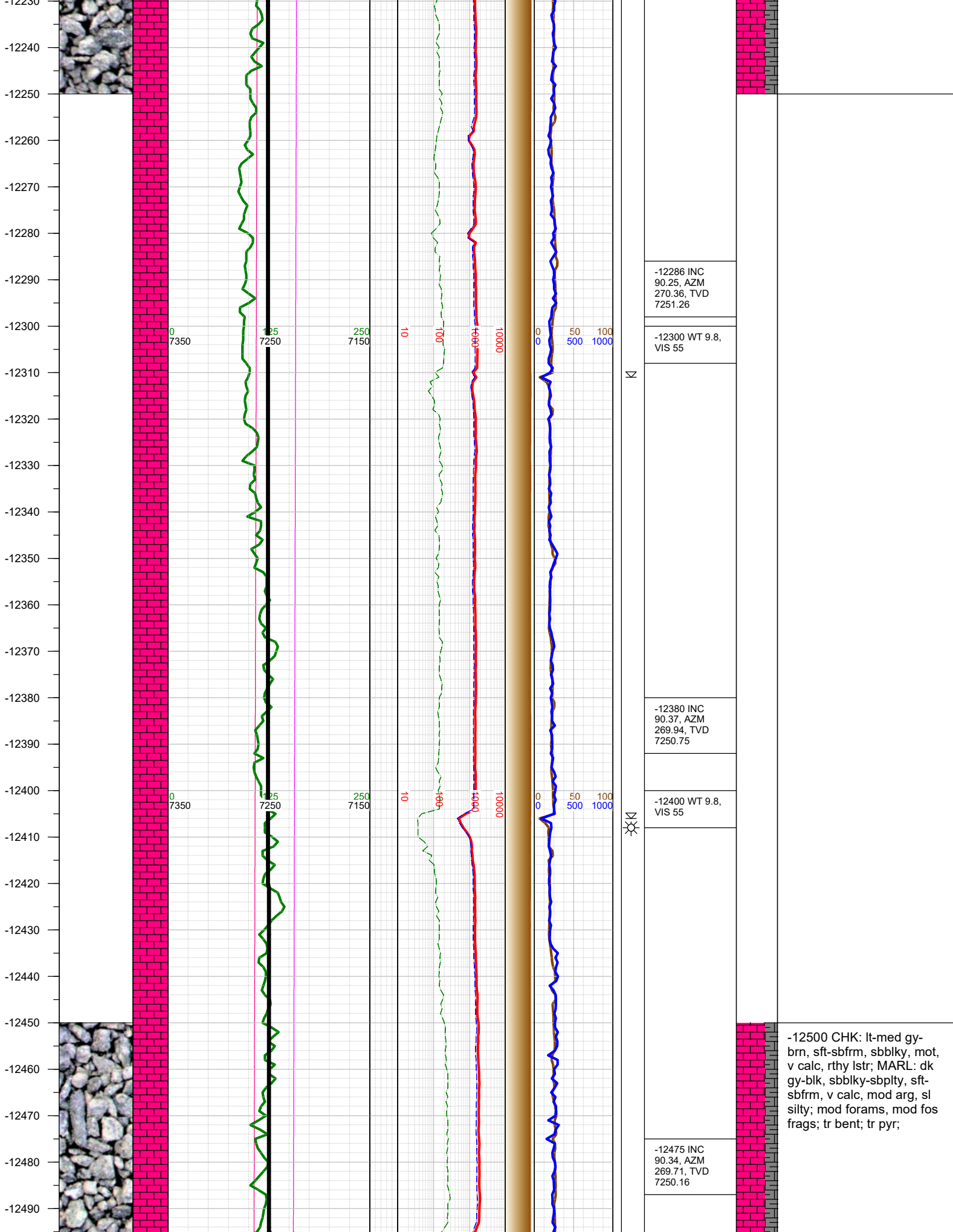
-12110 WT 9.8,
VIS 55

-12191 INC
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270.07, TVD
7251.62

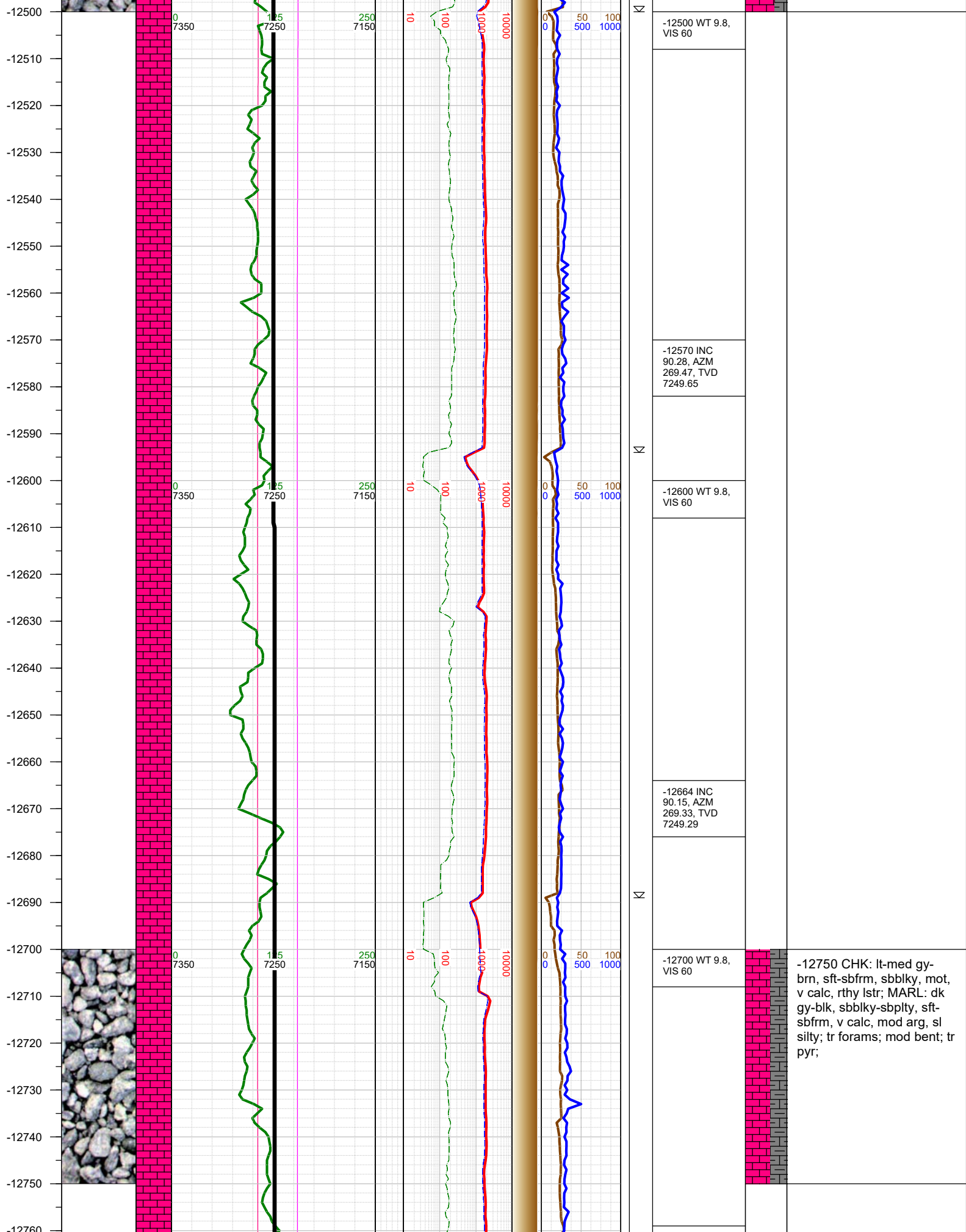
-12210 WT 9.8,
VIS 55

sbfrm, v calc, mod arg, sl
silty; frq forams, mod fos
frags; tr bent; tr pyr;

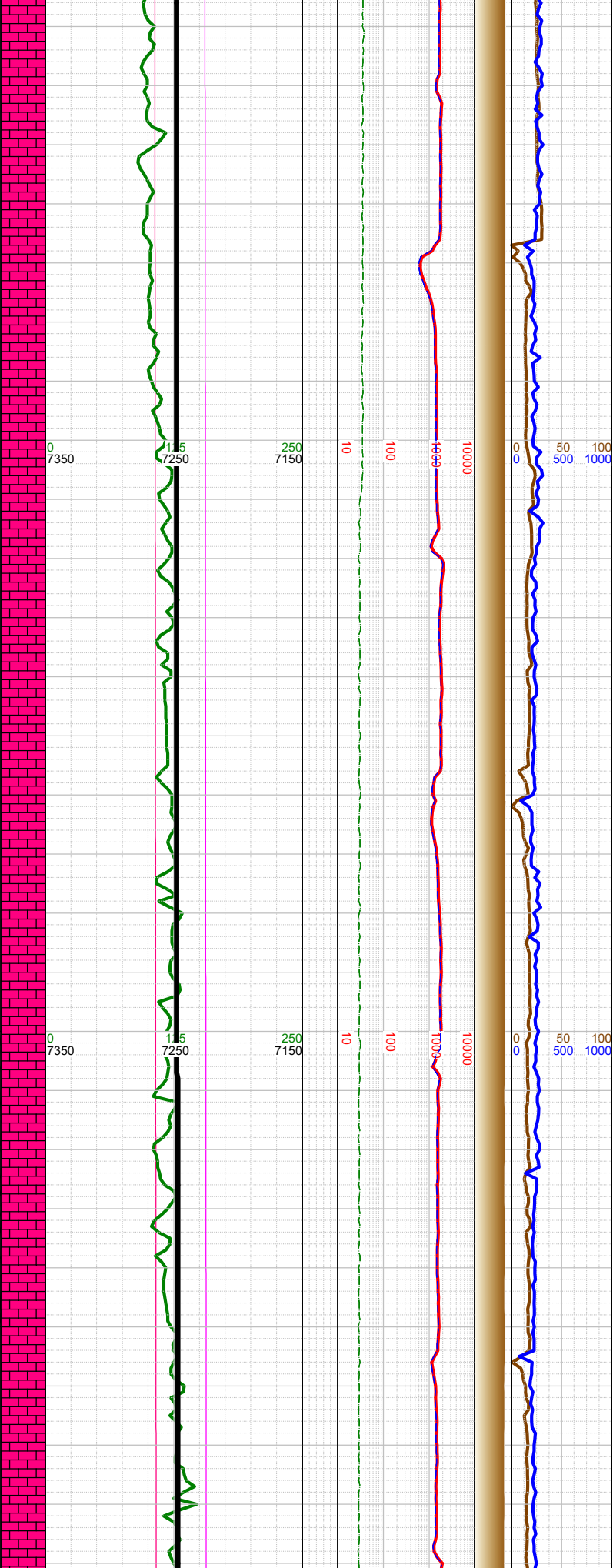
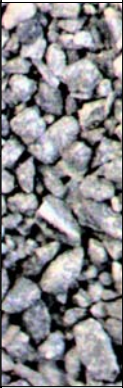
-12250 CHK: lt-med gy-
brn, sft-sbfrm, sbblky, mot,
v calc, rthy lstr; MARL: dk
gy-blk, sbblky-sbplty, sft-
sbfrm, v calc, mod arg, sl
silty; mod forams, mod fos
frags; tr bent; tr pyr;



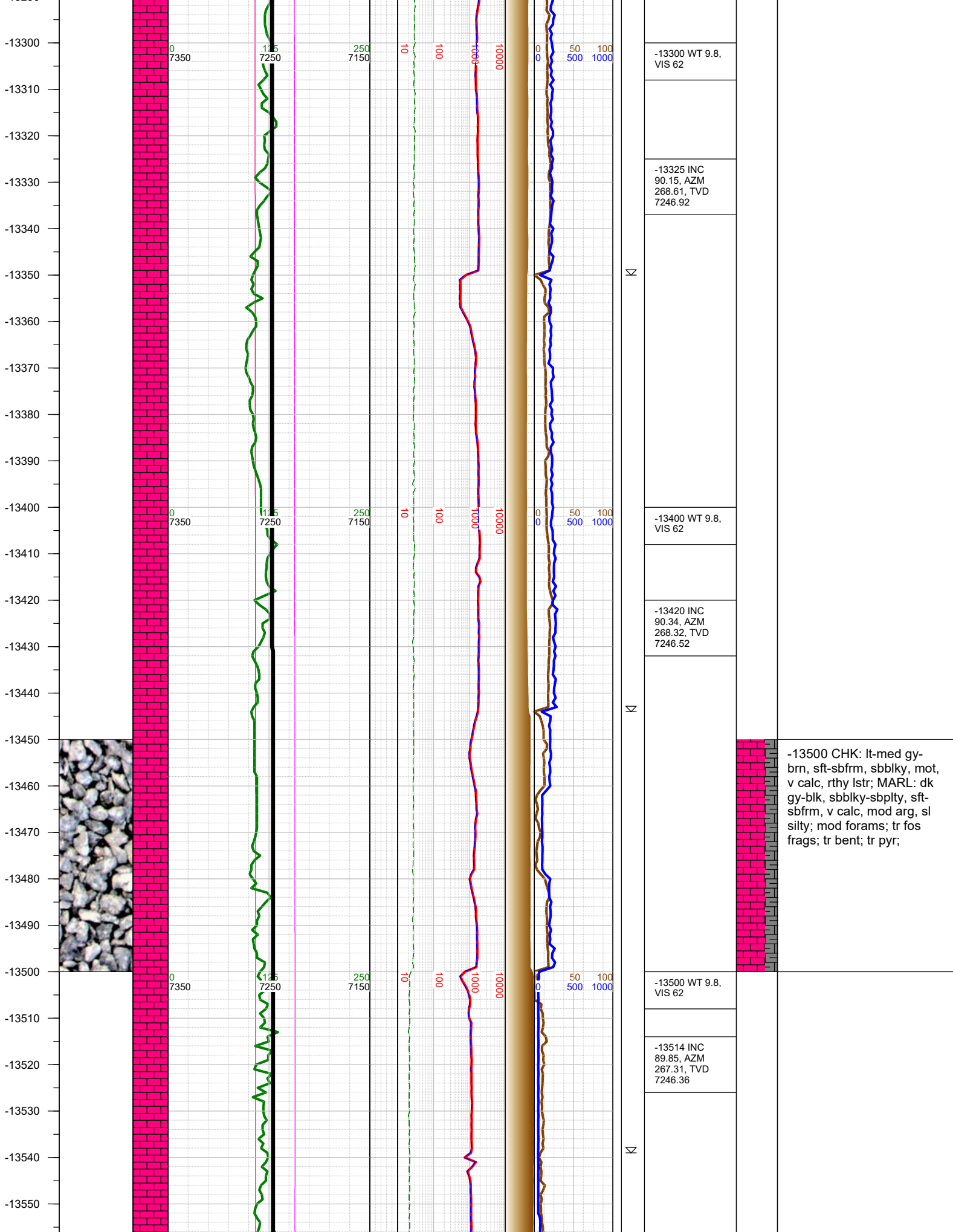
-12500 CHK: lt-med gy-brn, sft-sbfrm, sbbiky, mot, v calc, rthy lstr; MARL: dk gy-blk, sbbiky-sbply, sft-sbfrm, v calc, mod arg, sl silty; mod forams, mod fos frags; tr bent; tr pyr;



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N	-13042 INC 90.18, AZM 269.5, TVD 7248		
	-13100 WT 9.8, VIS 60		
N	-13137 INC 90.06, AZM 270.39, TVD 7247.8		
	-13200 WT 9.8, VIS 62	-13250 CHK: lt-med gy- bn, sft-sbfrm, sbbkly, mot, v calc, rthy lstr; MARL: dk gy-blk, sbbkly-sbply, sft- sbfrm, v calc, mod arg, sl silty; mod forams; tr fos frags; mod bent; tr pyr;	
N	-13231 INC 90.43, AZM 269.58, TVD 7247.4		



-13300 WT 9.8,
VIS 62

-13325 INC
90.15, AZM
268.61, TVD
7246.92

-13400 WT 9.8,
VIS 62

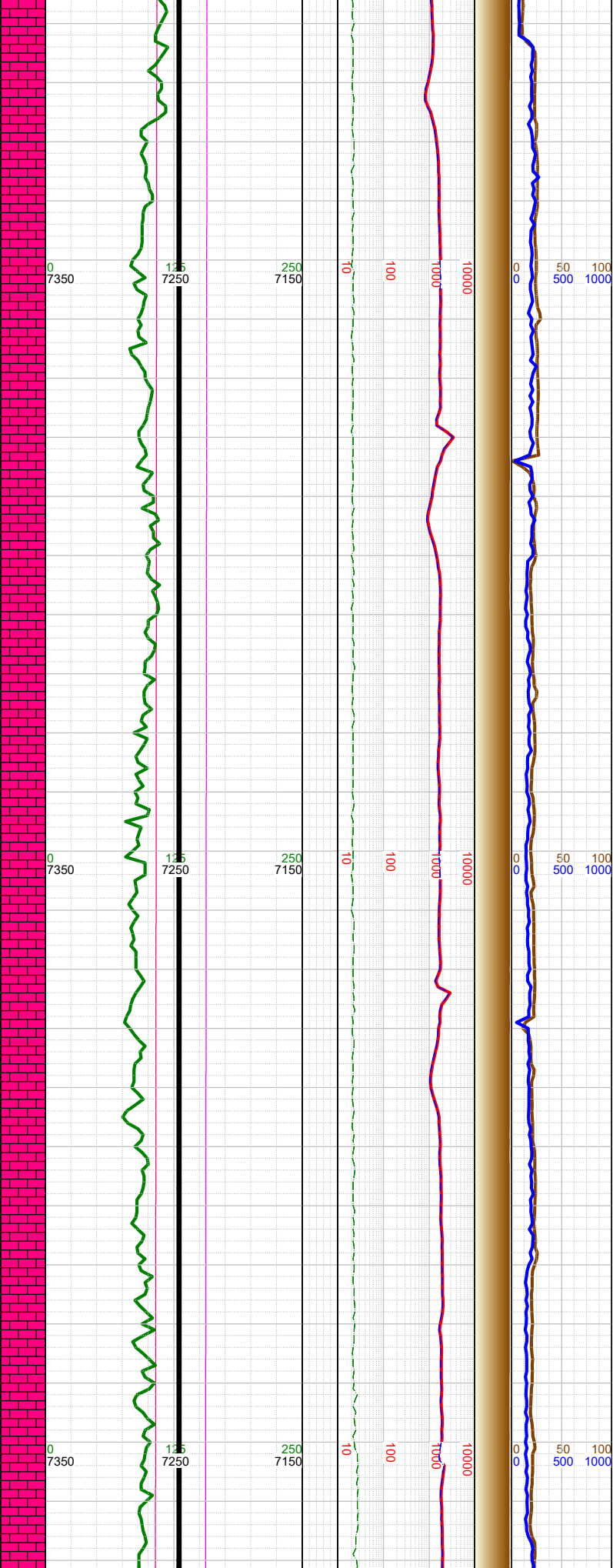
-13420 INC
90.34, AZM
268.32, TVD
7246.52

-13500 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 forams; tr fos
frags; tr bent; tr pyr;

-13500 WT 9.8,
VIS 62

-13514 INC
89.85, AZM
267.31, TVD
7246.36

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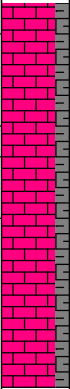
-13600 WT 9.8,
VIS 62

-13609 INC
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267.69, TVD
7246.46

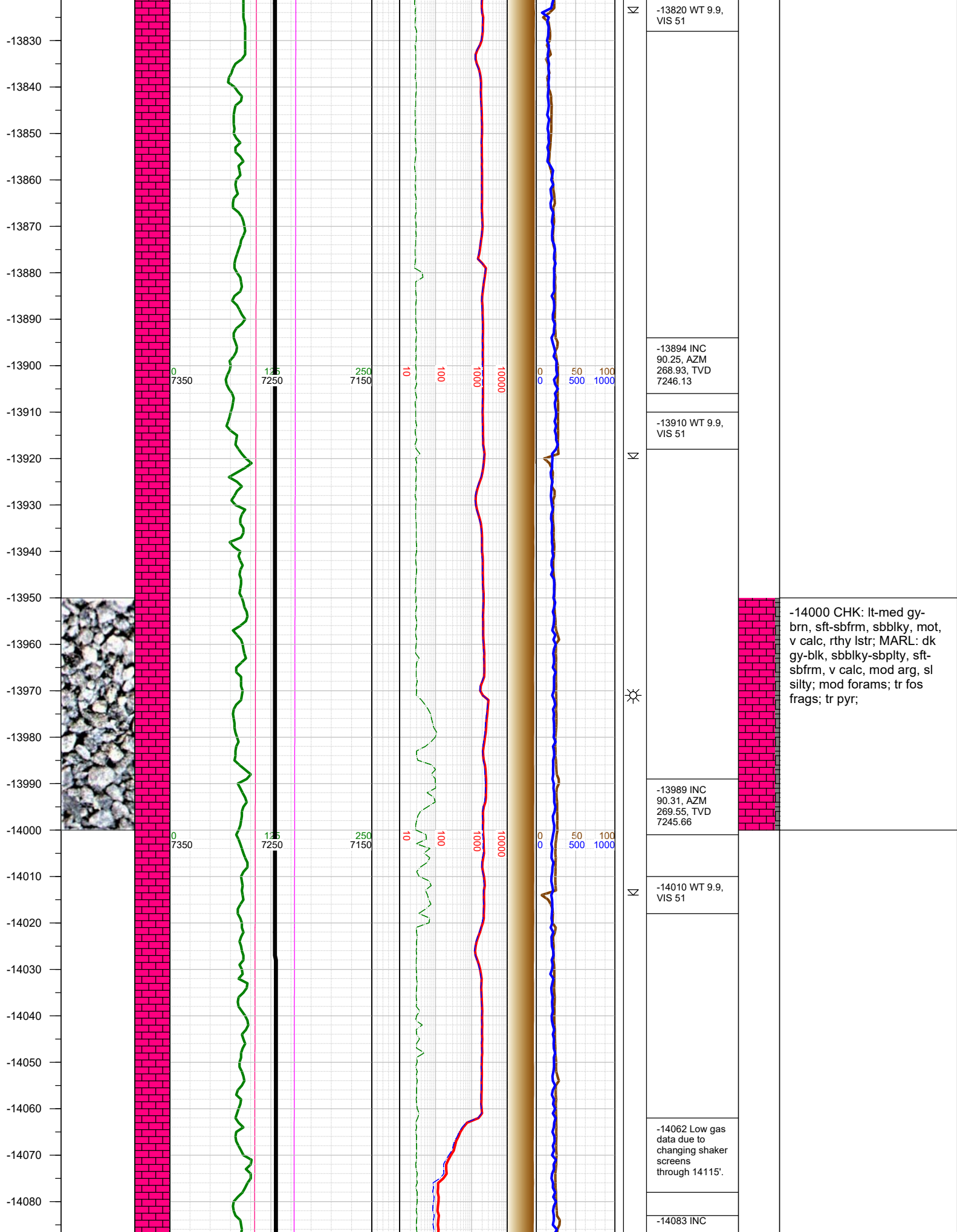
-13704 INC
90.12, AZM
267.99, TVD
7246.34

-13720 WT 9.9,
VIS 51

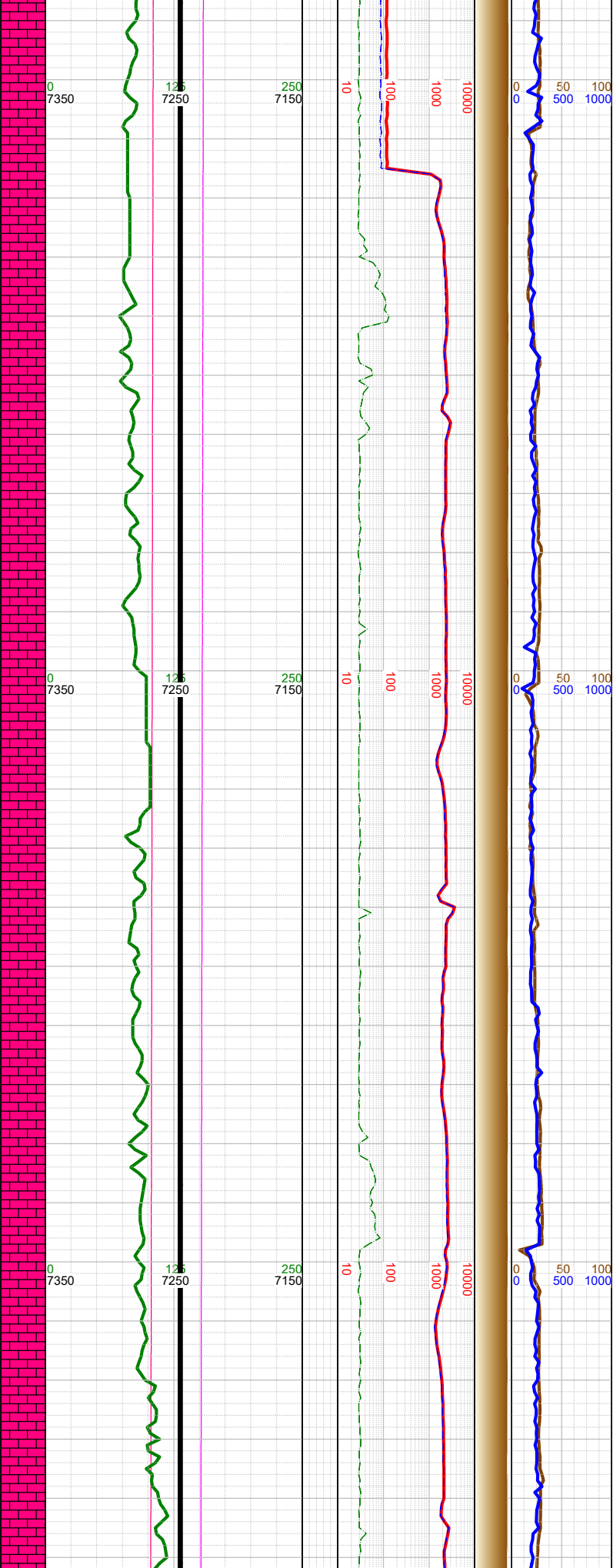
-13799 INC
89.94, AZM
268.03, TVD
7246.29



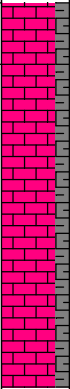
-13750 CHK: lt-med gy-
brn, sft-sbfrm, sbbkly, mot,
v calc, rthy lstr; MARL: dk
gy-blk, sbbkly-sbply, sft-
sbfrm, v calc, mod arg, sl
silty; mod forams; tr fos
frags; tr pyr;



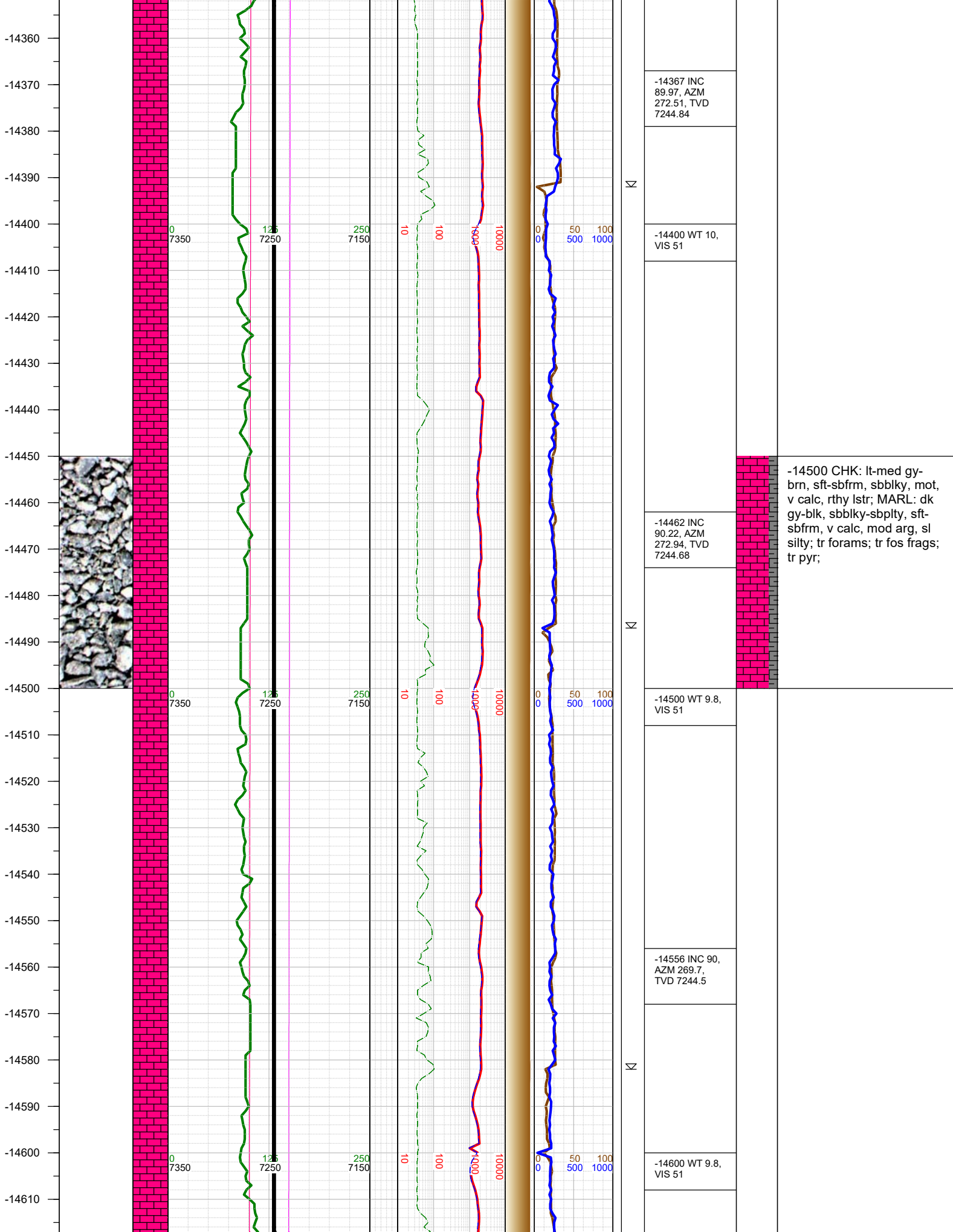
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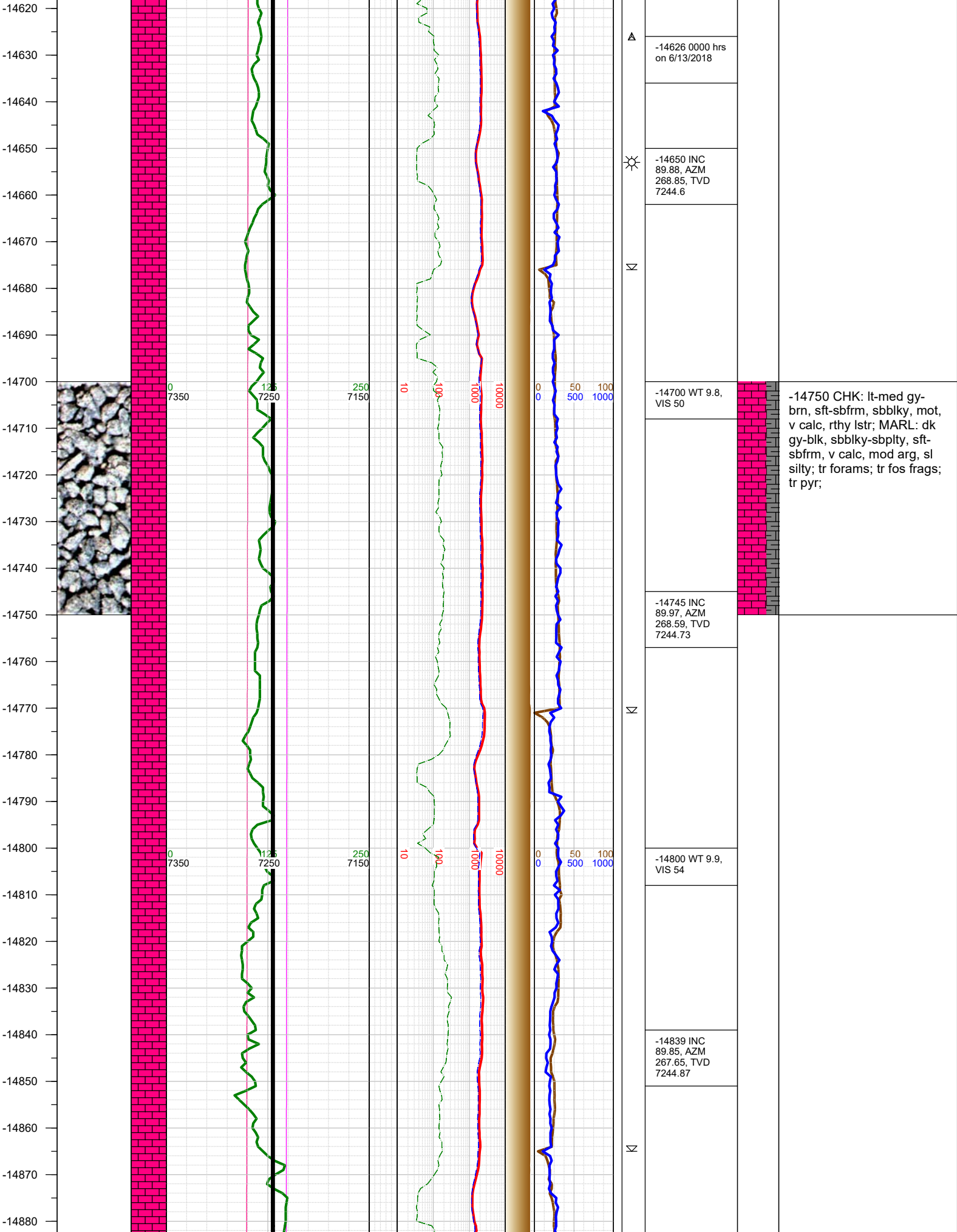


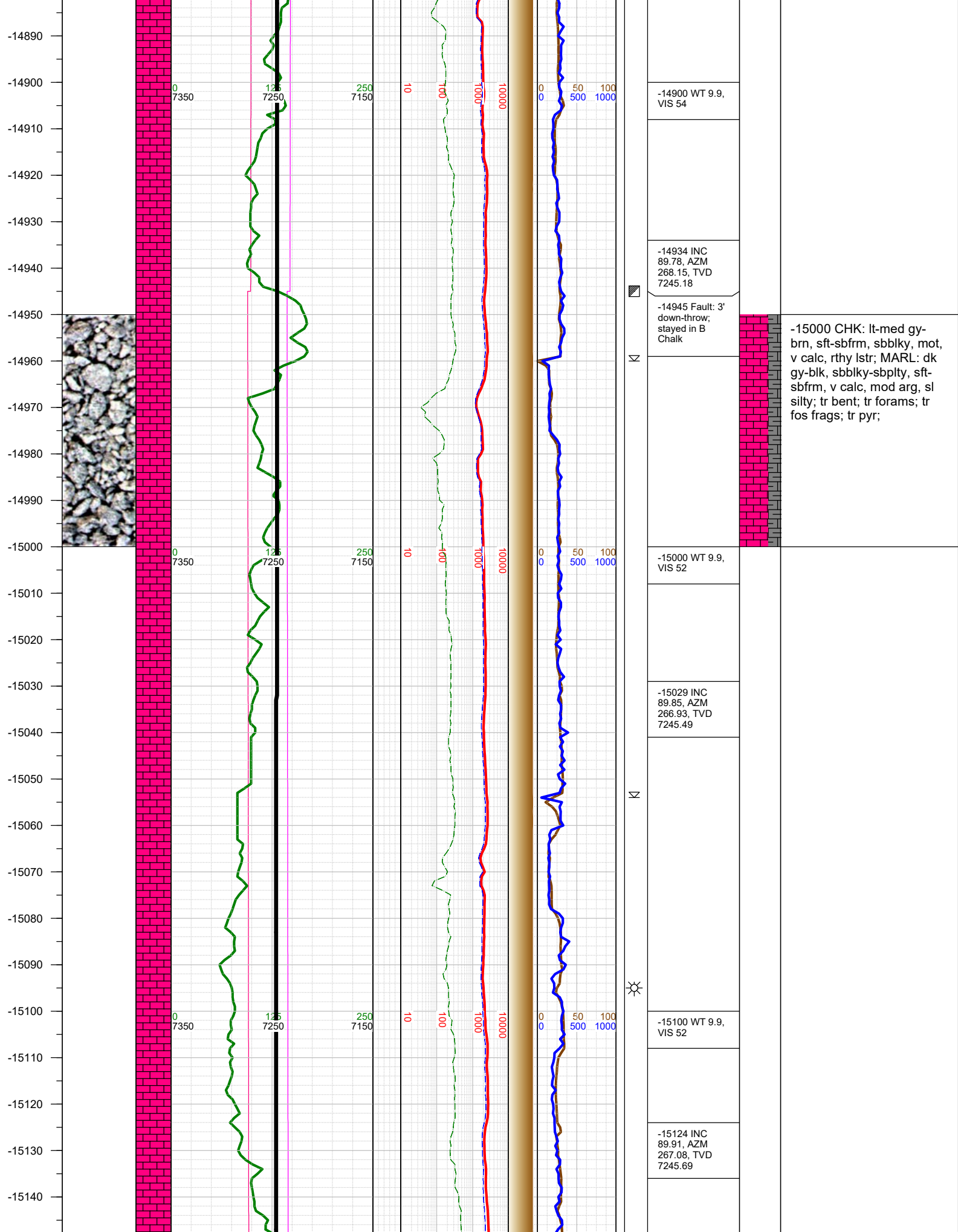
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	-14100 WT 10, VIS 53
	-14178 INC 90.12, AZM 272.39, TVD 7245.01
N	-14200 WT 10, VIS 53
	-14272 INC 90.06, AZM 271.53, TVD 7244.87
	-14300 WT 10, VIS 51

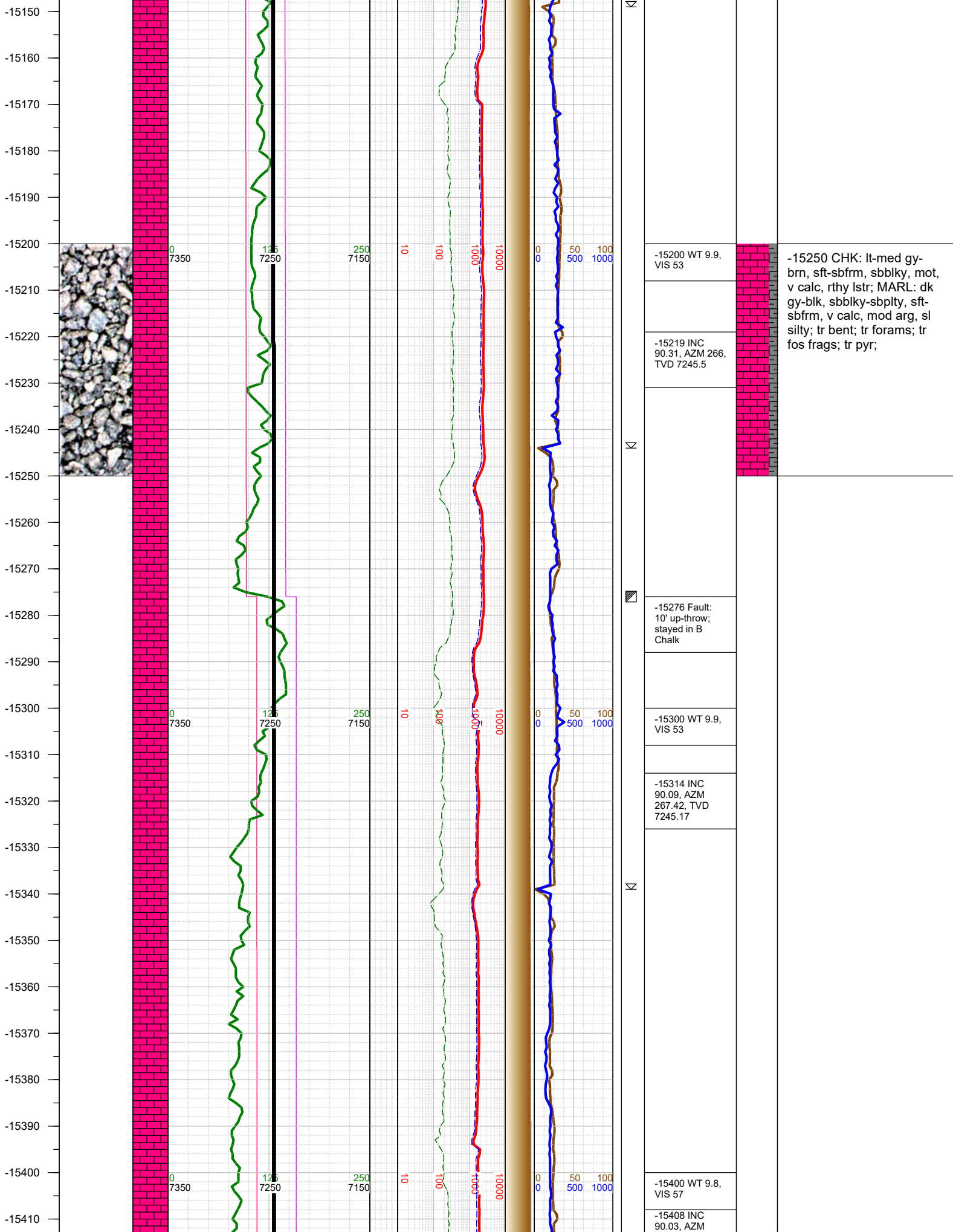


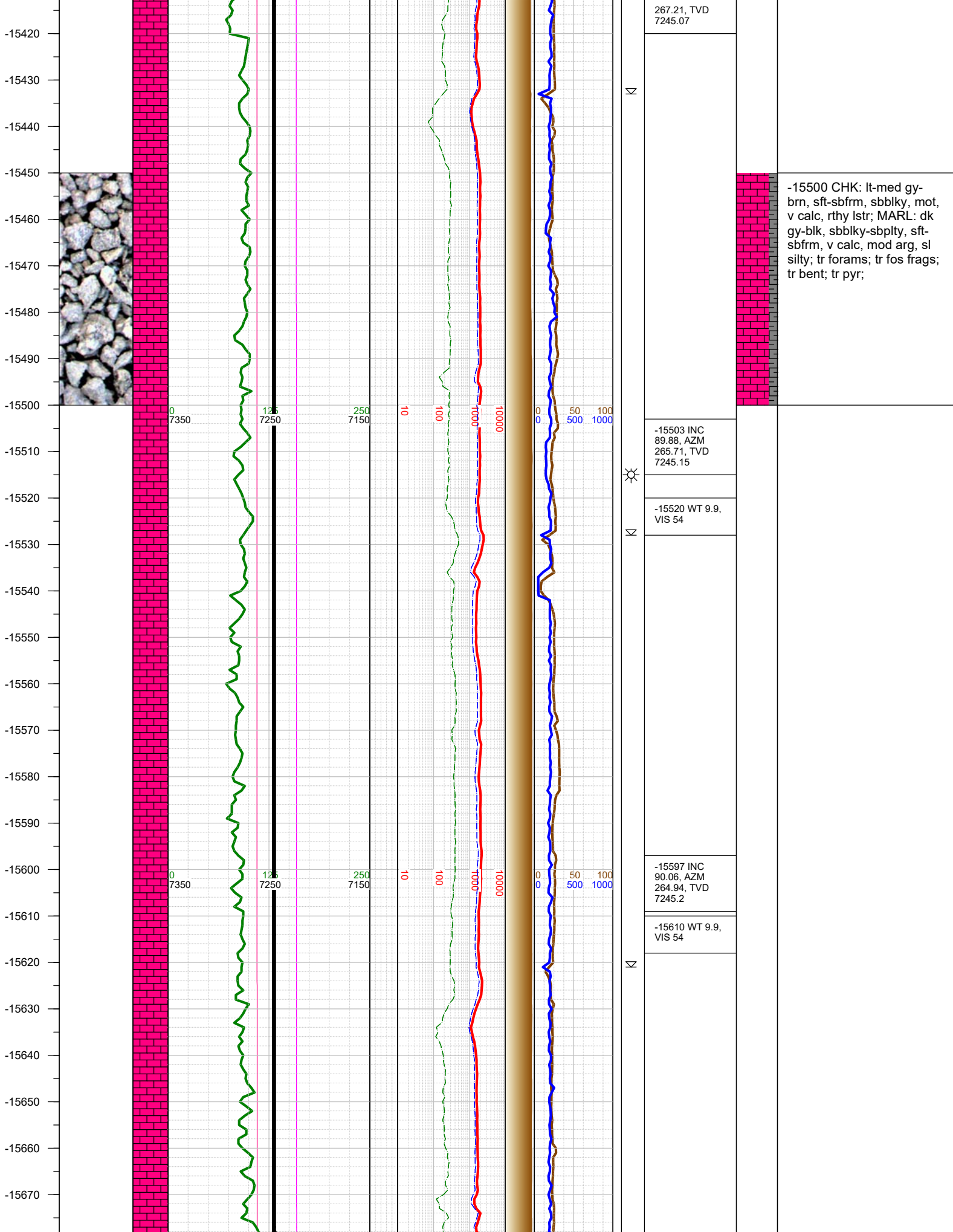
-14250 CHK: lt-med gy-
brn, sft-sbfrm, sbbkly, mot,
v calc, rthy lstr; MARL: dk
gy-blk, sbbkly-sbply, sft-
sbfrm, v calc, mod arg, sl
silty; tr forams; tr fos frags;
tr pyr;



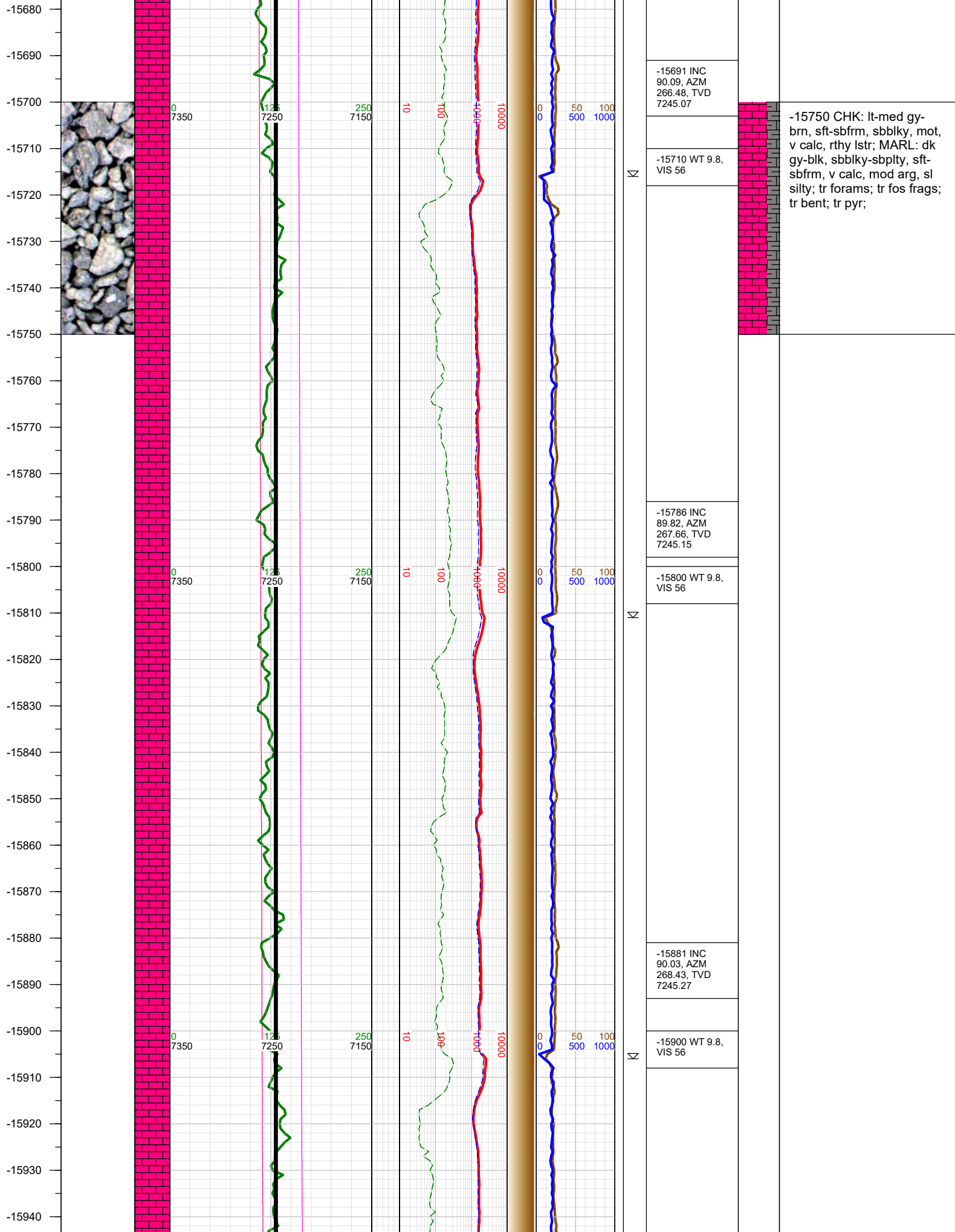


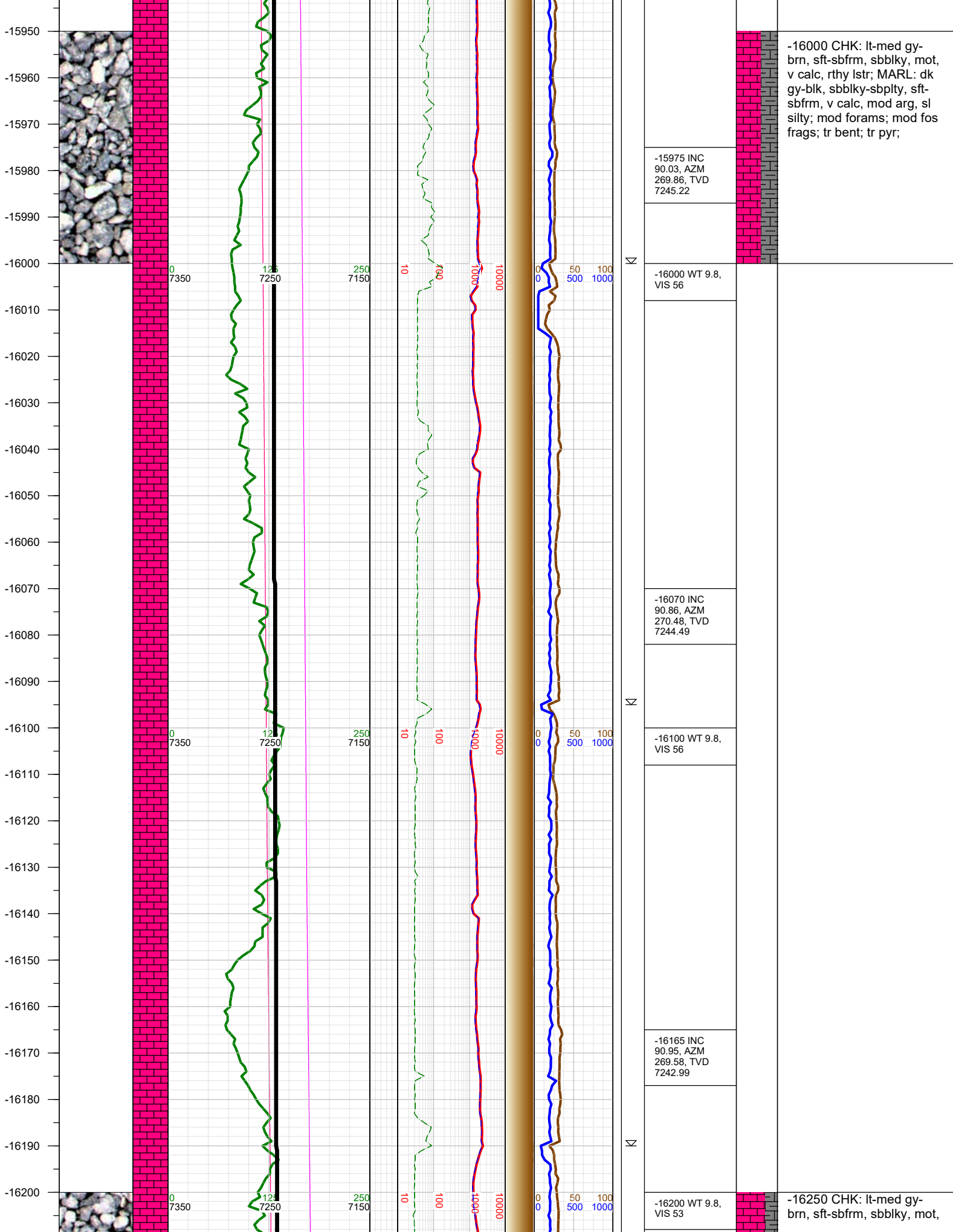


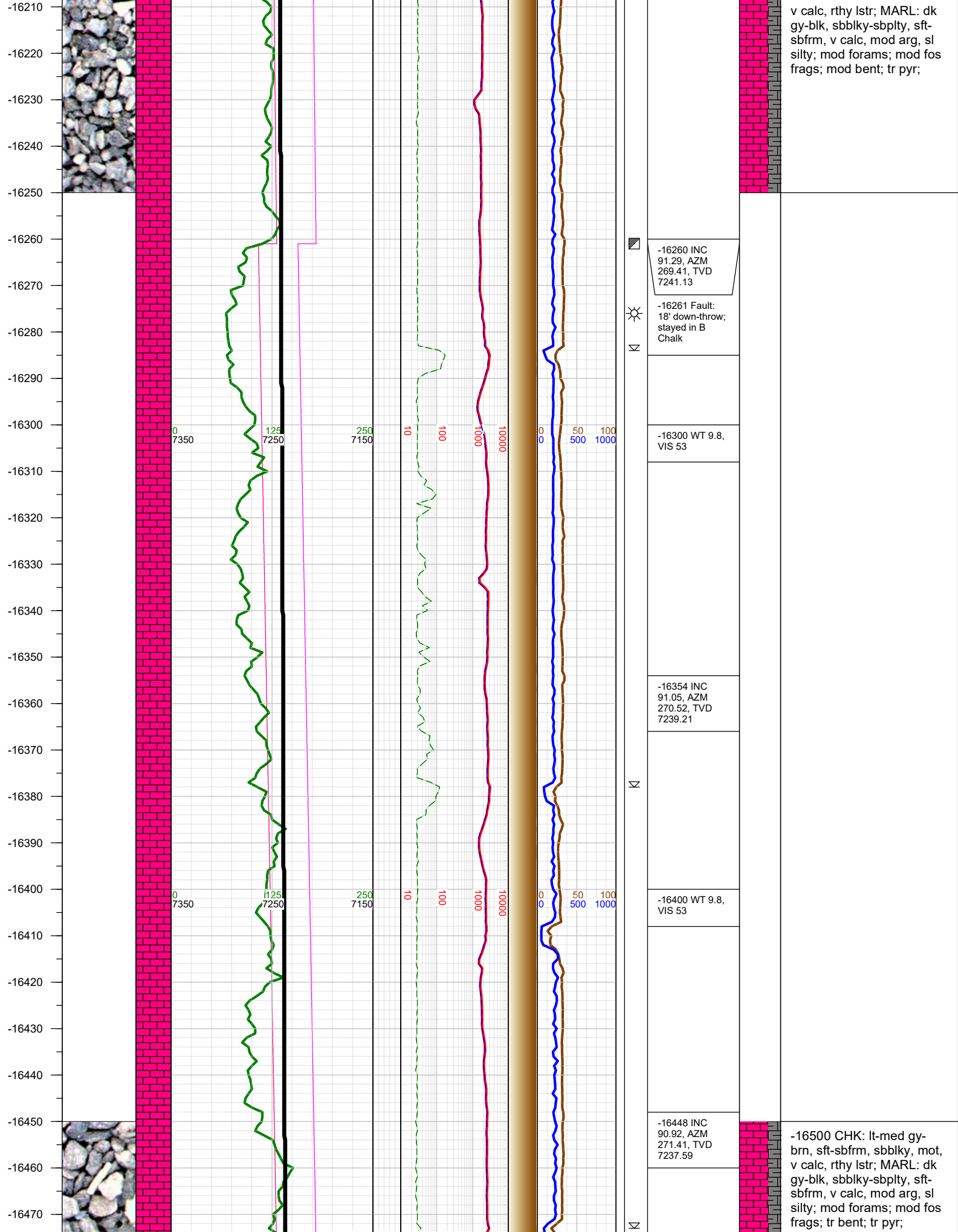


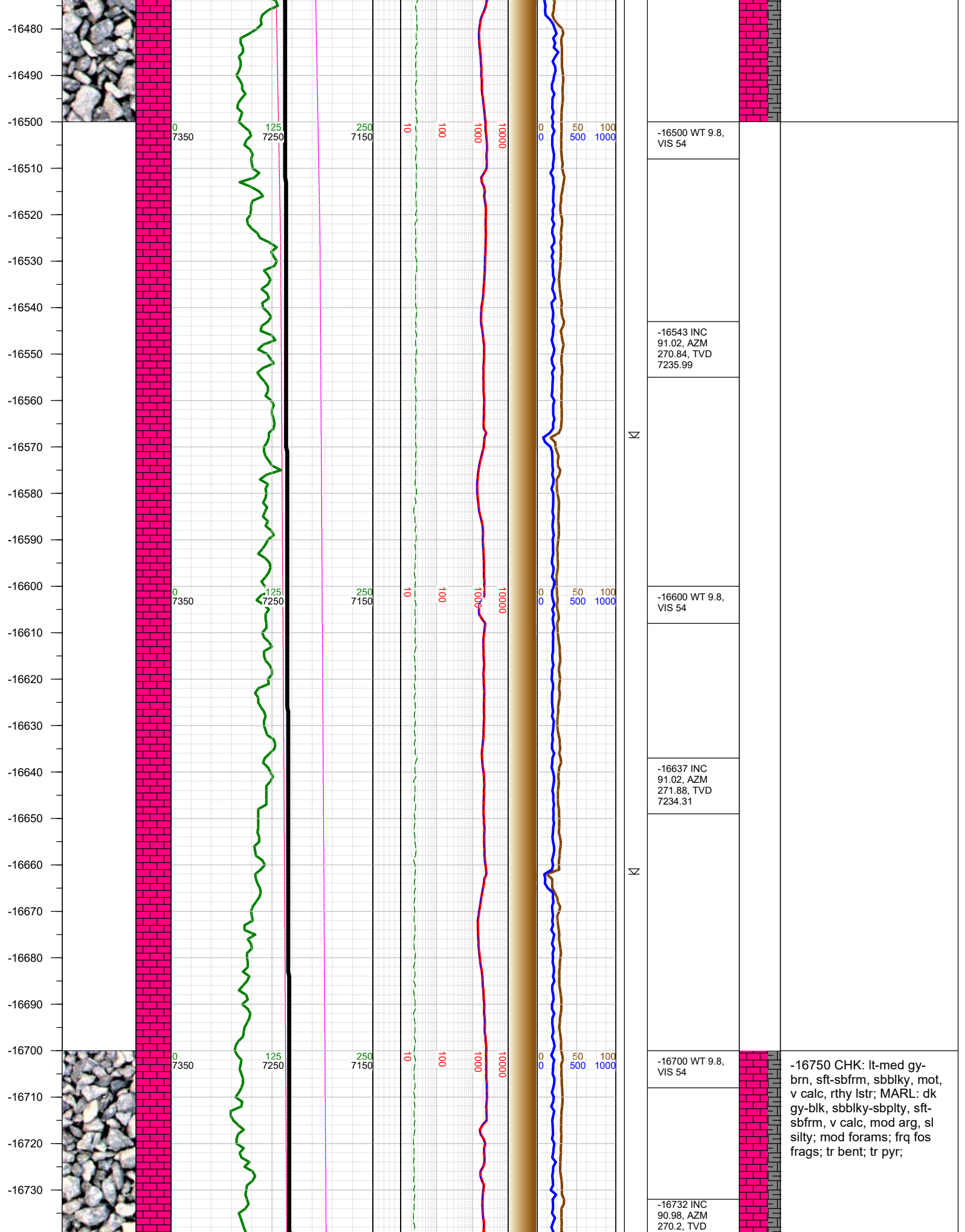


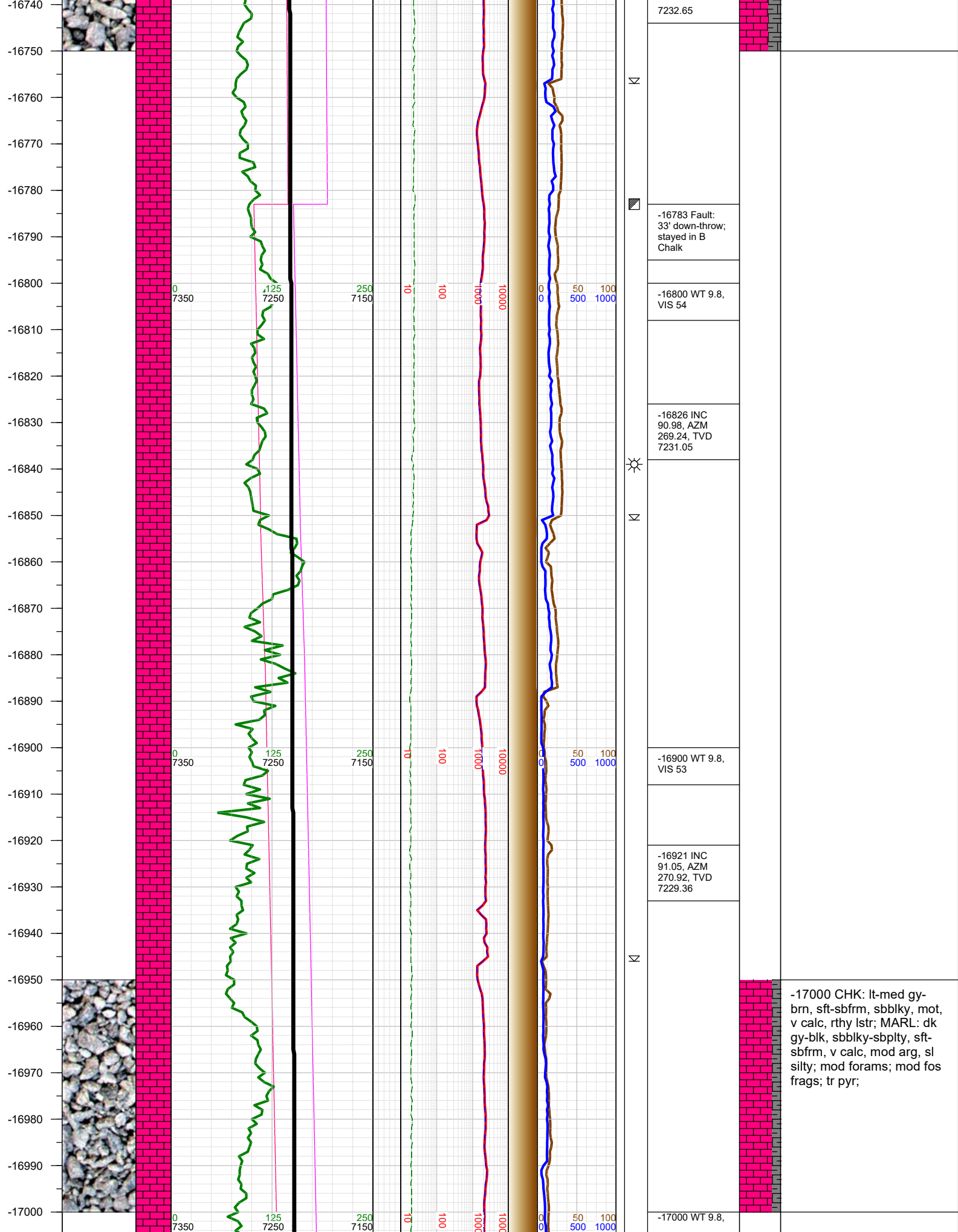
-15500 CHK: lt-med gy-brn, sft-sbfrm, sbblky, mot, v calc, rthy lstr; MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, v calc, mod arg, sl silty; tr forams; tr fos frags; tr bent; tr pyr;

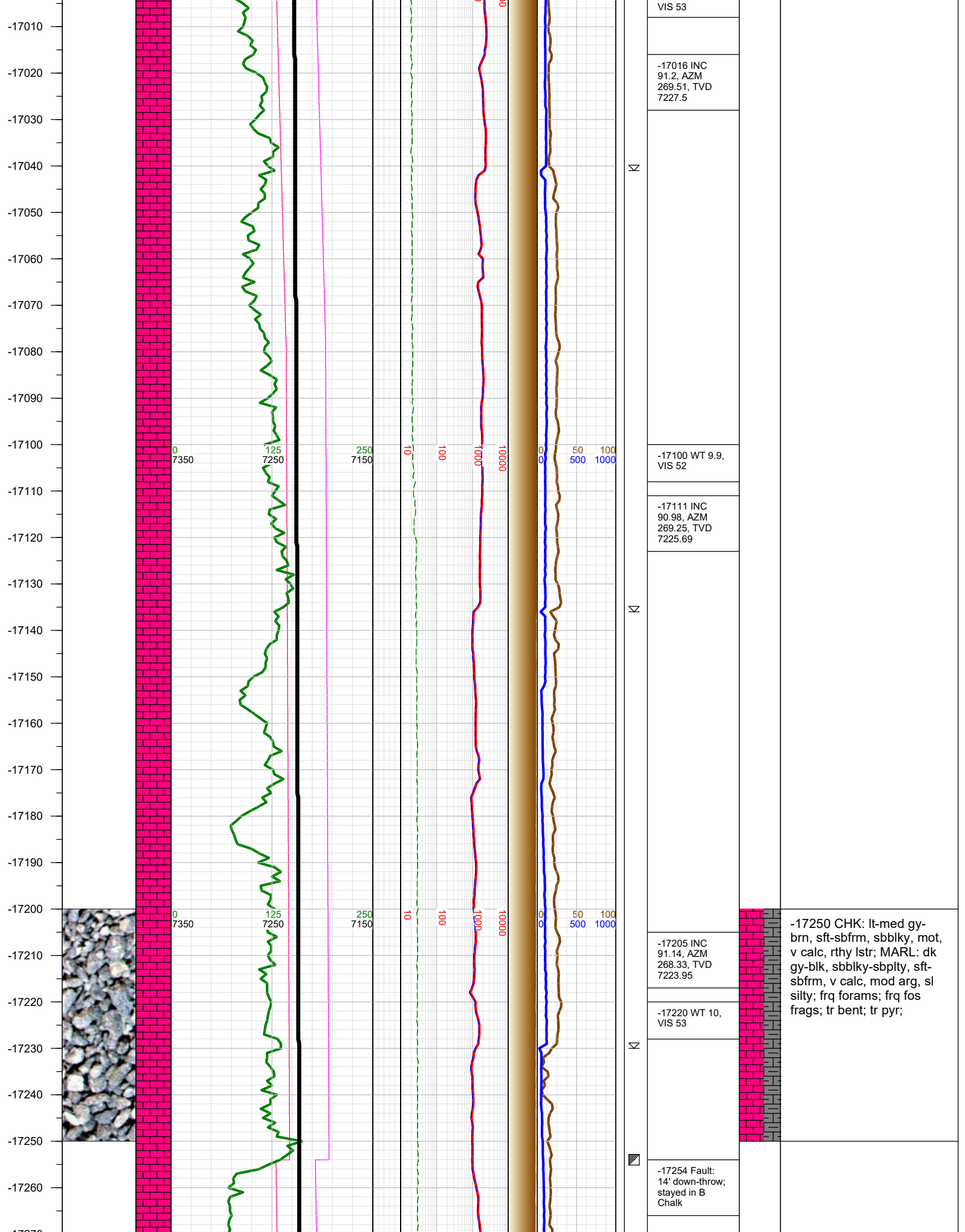




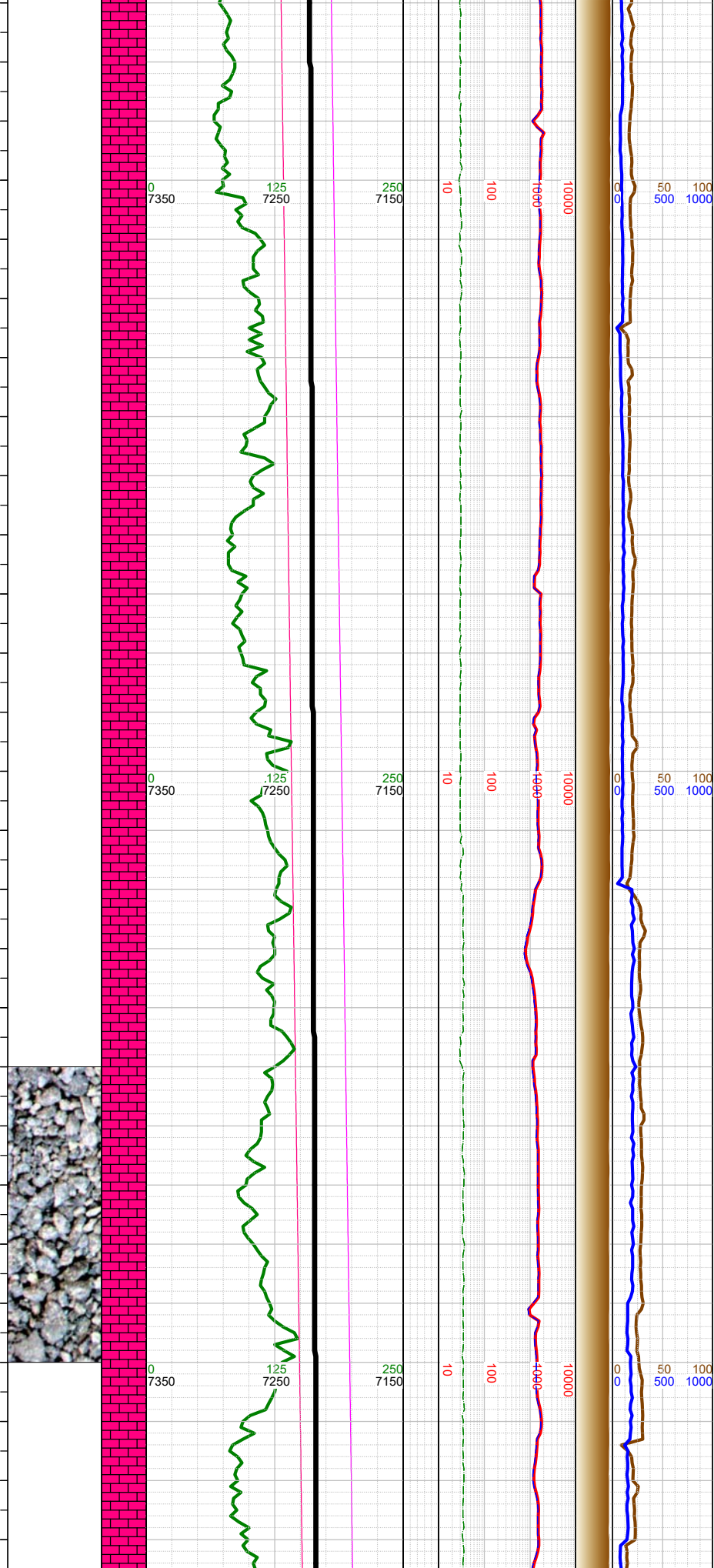




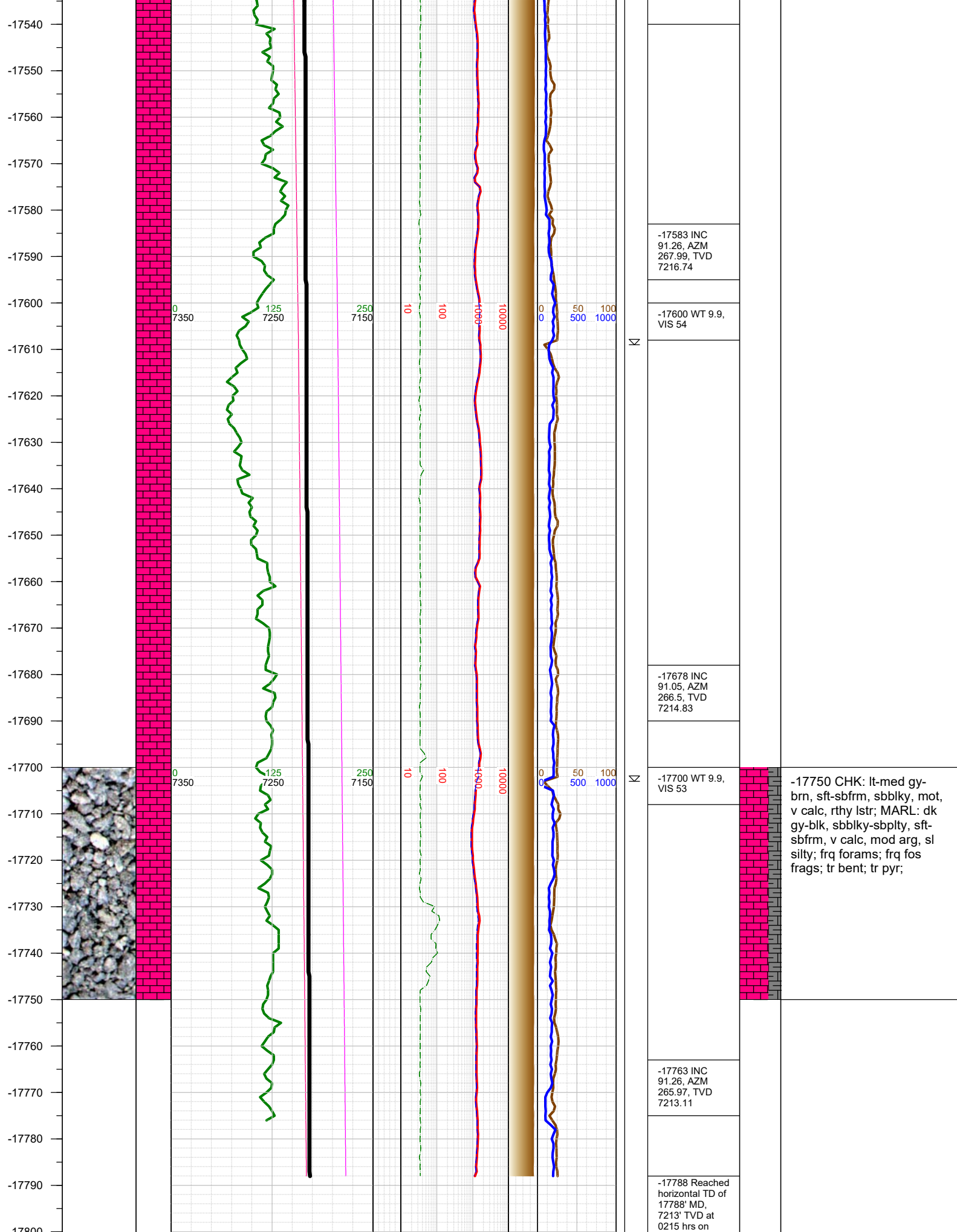




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☀	-17300 INC 91.08, AZM 268.83, TVD 7222.11	
⌵	-17320 WT 10, VIS 53	
	-17394 INC 90.98, AZM 268.85, TVD 7220.42	
	-17410 WT 9.9, VIS 54	
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	-17488 INC 91.11, AZM 268.28, TVD 7218.71	
	-17500 WT 9.9, VIS 54	
▲	-17530 0000 hrs on 6/14/2018	



-17800

-17810

6/14/2018.

TOTAL DEPTH = 17788'

Thank you for using Earth Science Agency