

OPERATOR: **Bayswater E&P, LLC**  
WELL NAME: **DeHaan 7X-HNC-16-07-65**  
FIELD NAME: DJ Basin - Wattenberg  
DRILLING RIG: Ensign 153  
API #: 05-123-49457

LAT/LONG: 40.570867, -104.694553  
SURFACE HOLE: SWSW S17-T7N-R65W, 1020' FSL, 573' FWL  
BOTTOM HOLE: NESE S16-T7N-R65W, 1356' FSL, 460' FEL

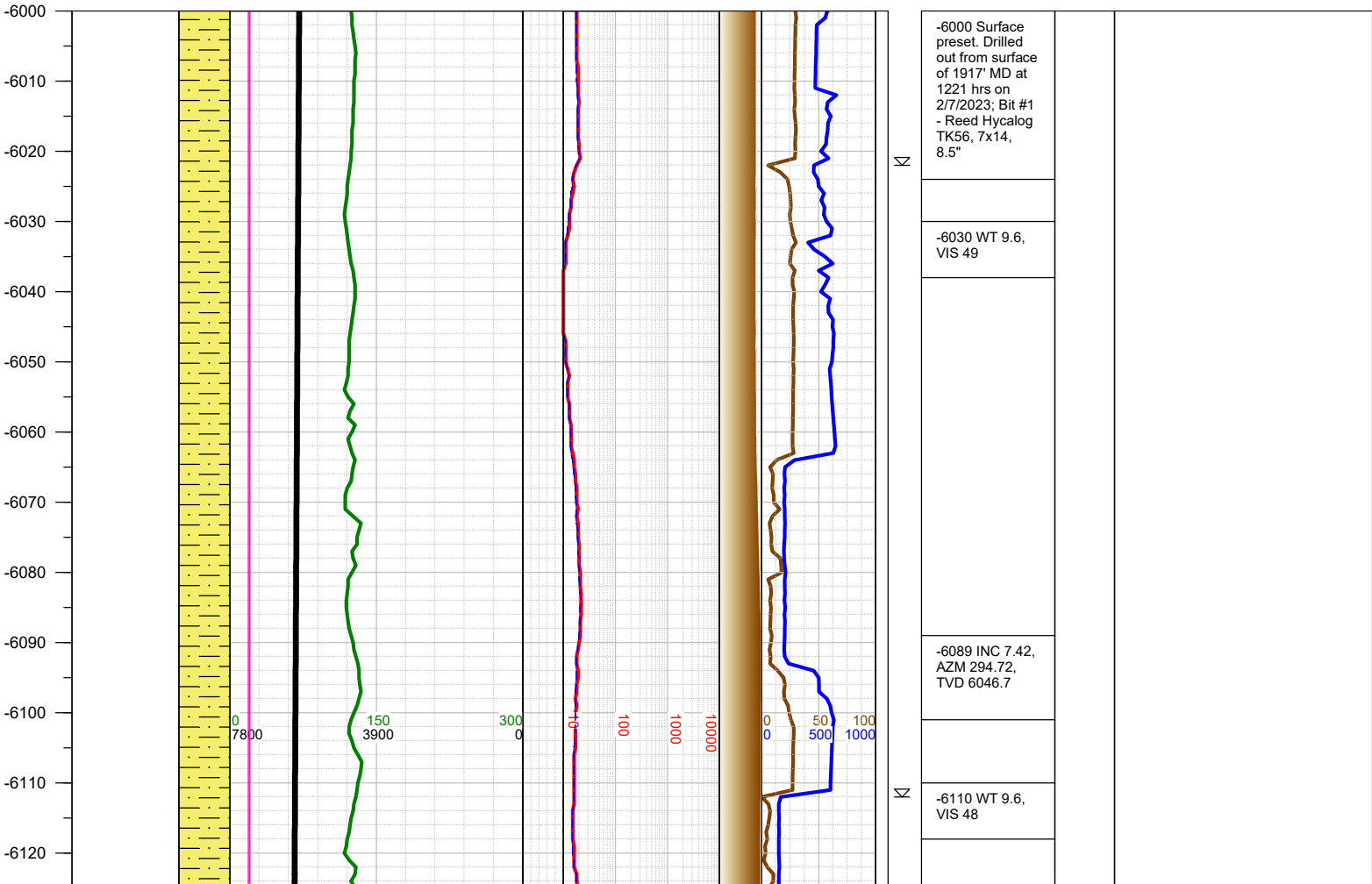
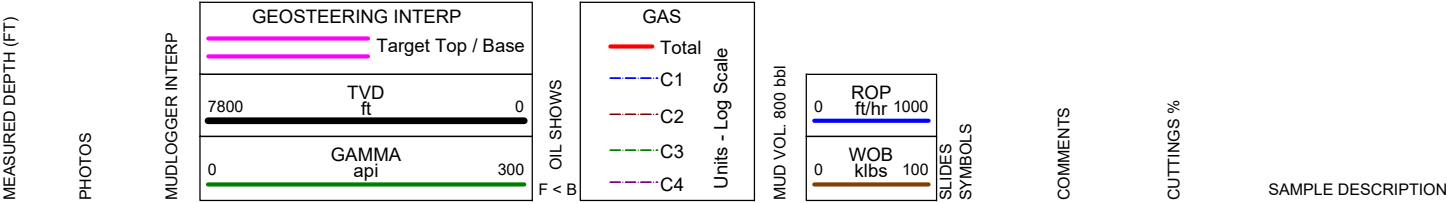


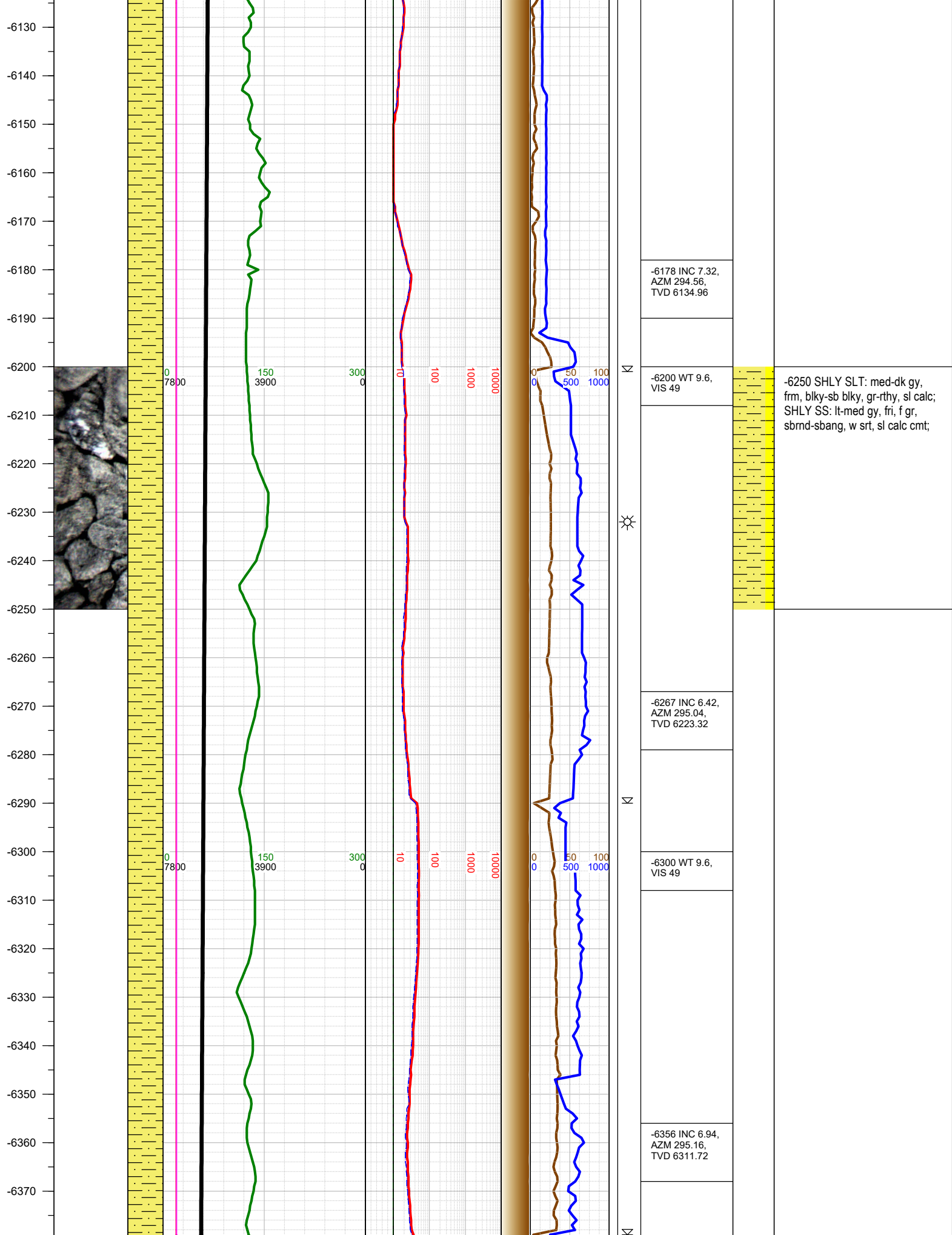
COUNTY: Weld  
STATE: Colorado  
GROUND ELEVATION: 4906'  
KELLY BUSHING: 4929'  
DRILLING FLUID: OBM  
TVD VS. MD: 7224' / 17283'  
LOGGING START DATE: February 7, 2023  
TD DATE: February 10, 2023  
  
DEPTHS LOGGED: 6000' - 17283'  
DATES LOGGED: February 7, 2023 - February 10, 2023  
GEOLOGISTS: Scott Davis, Joey Luce  
SCALE: 5" = 100'

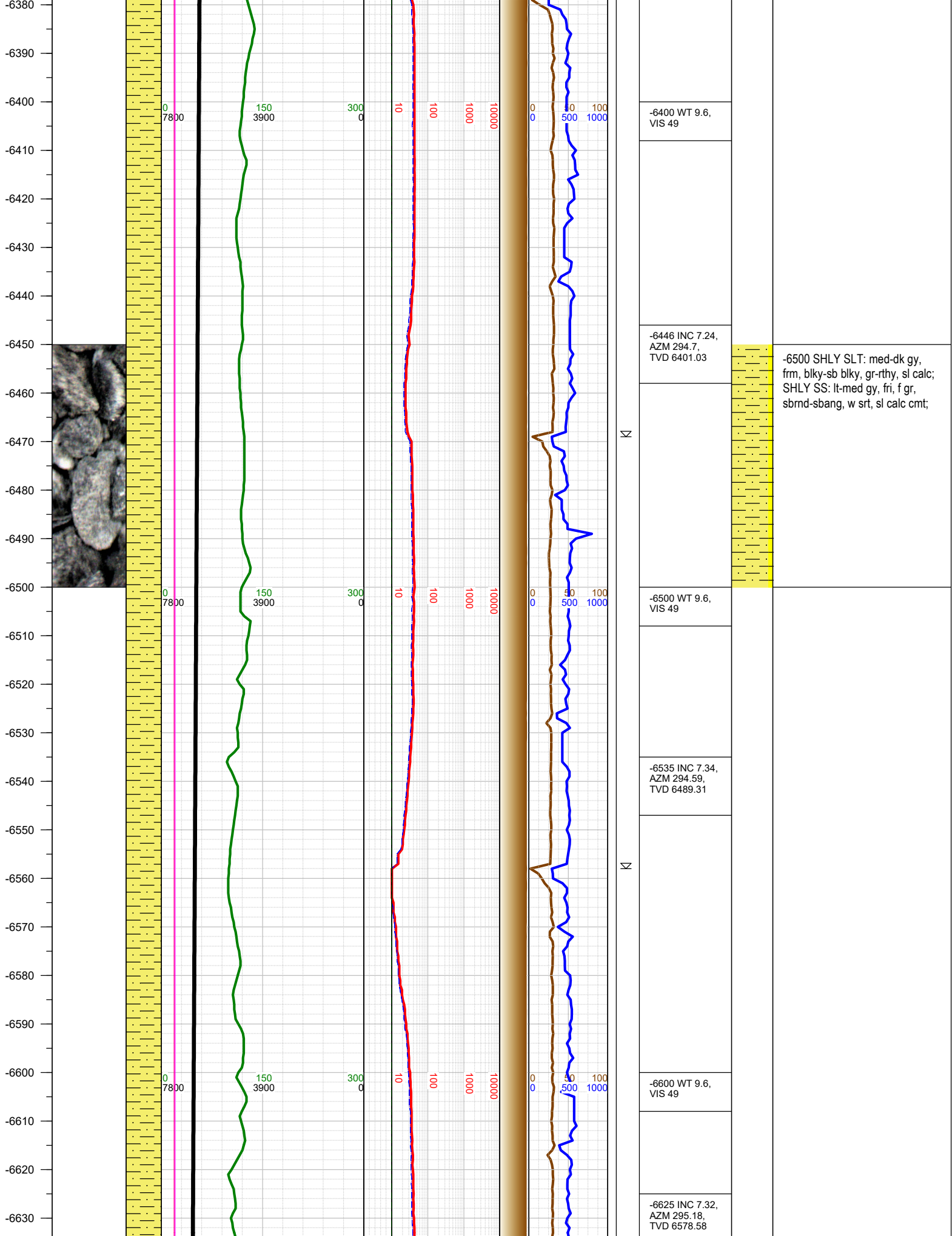
LEGEND

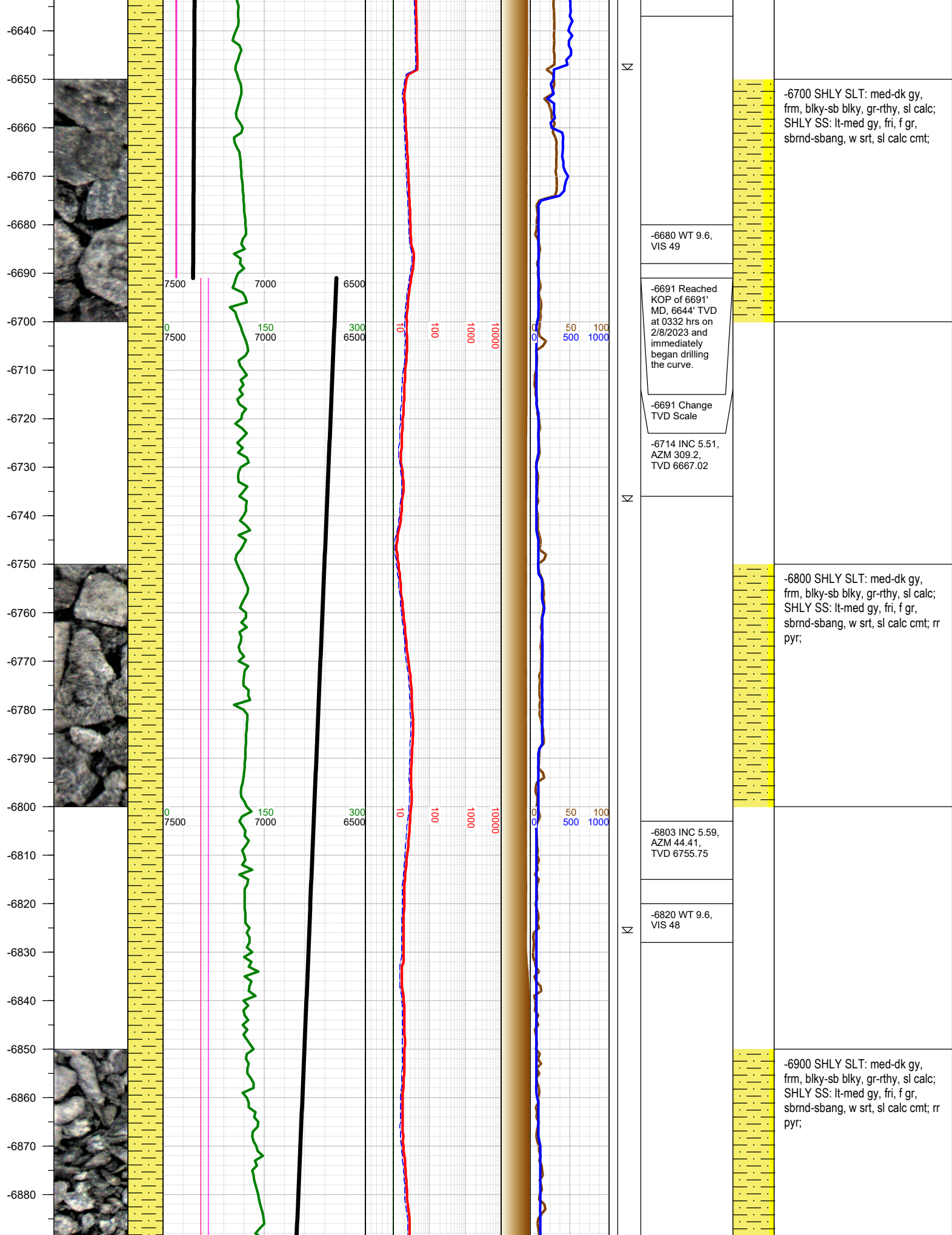
	CHALK		CALC SHALE
	LIMESTONE		SILTY SHALE
	SHALY LIMESTONE		SHALY SILTSTONE
	MARLSTONE		SHALY SANDSTONE
	CALCAREOUS SHALE		SANDSTONE
	DOLOMITE		ANHYDRITE

FORMATION CONNECTION MIDNIGHT NEW BIT GAS SHOW FAULT

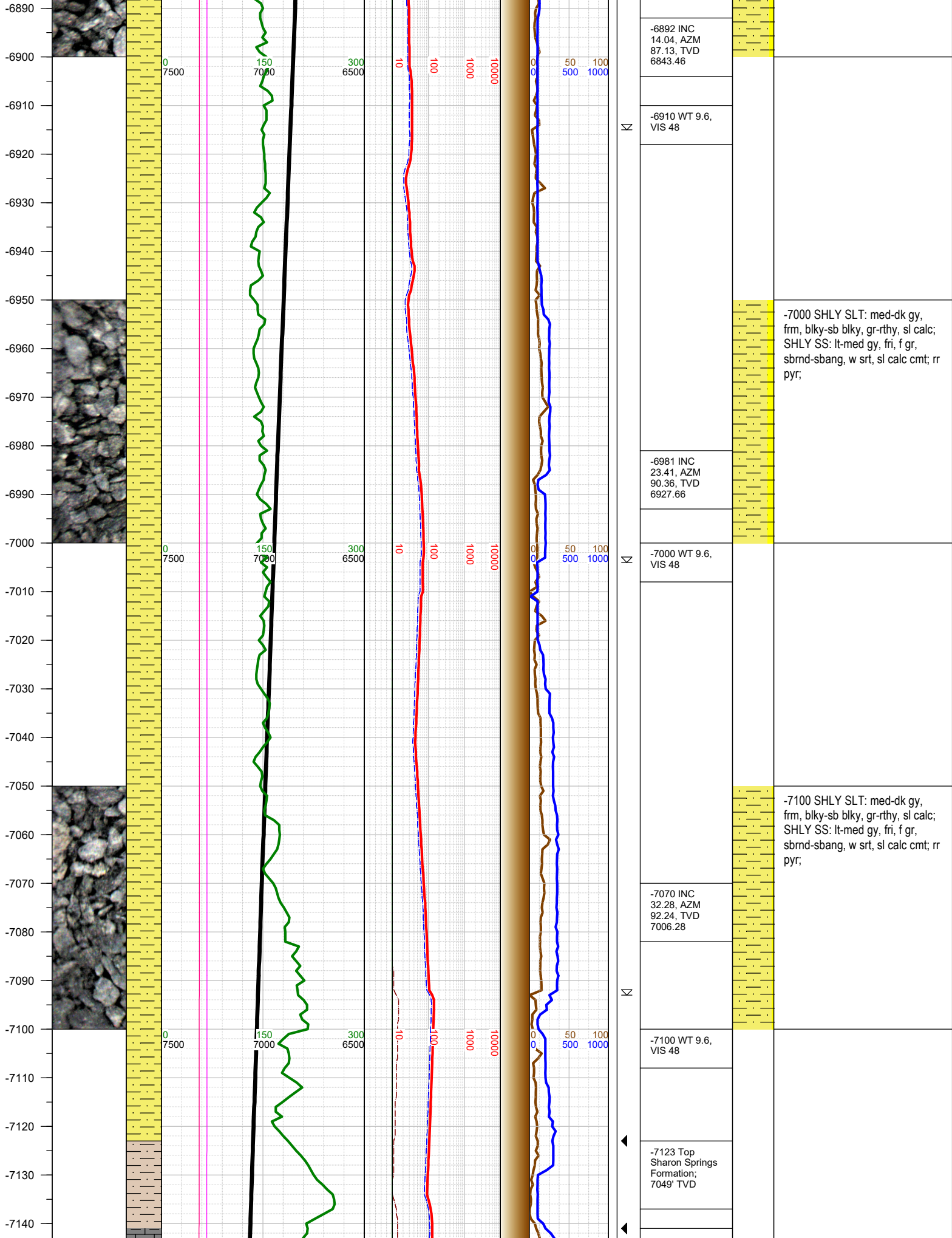


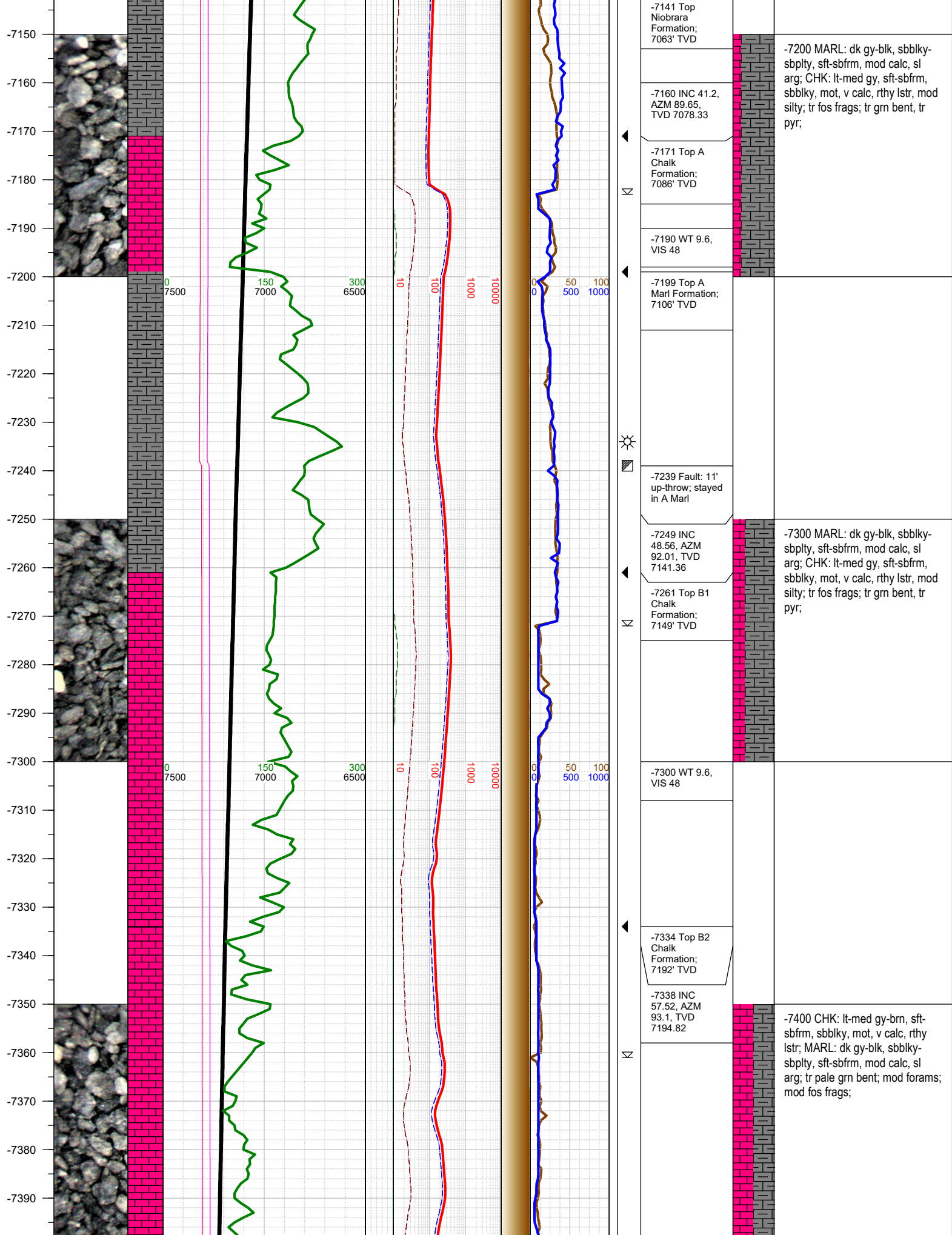


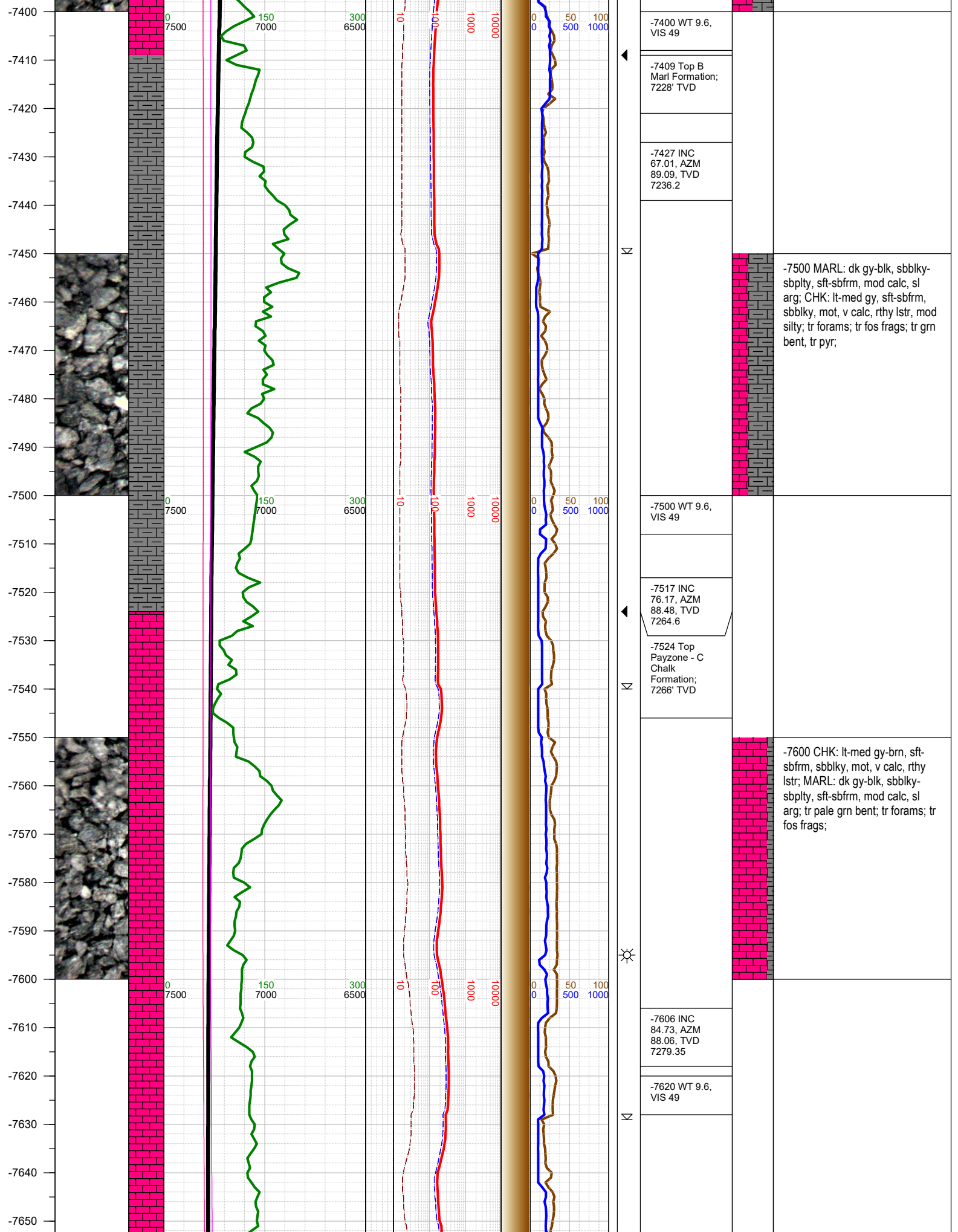




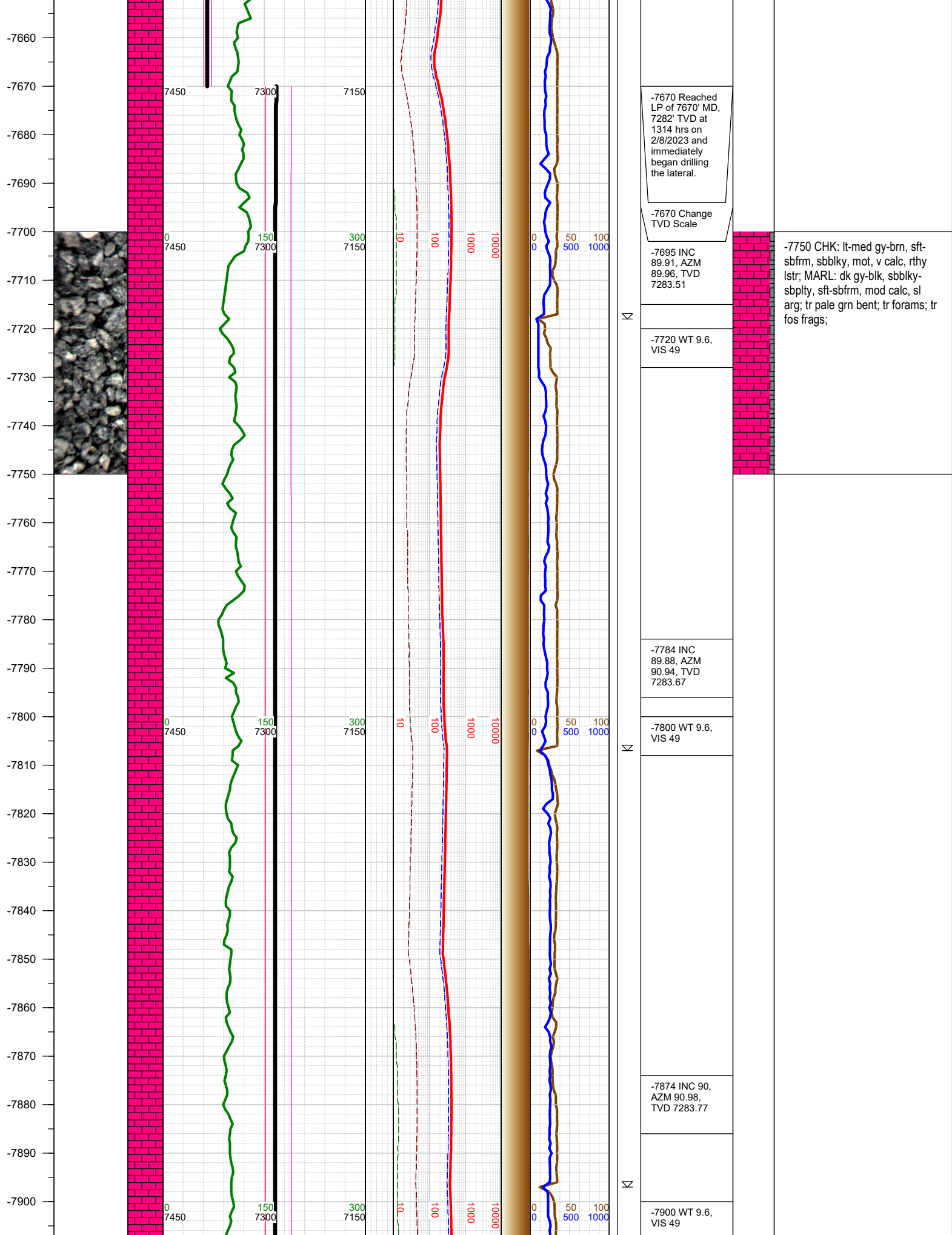






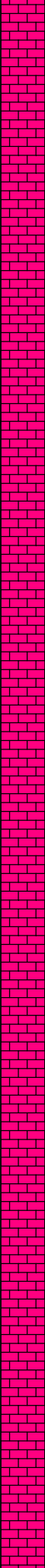
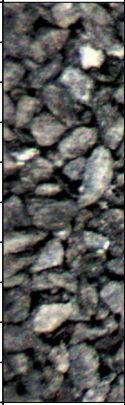








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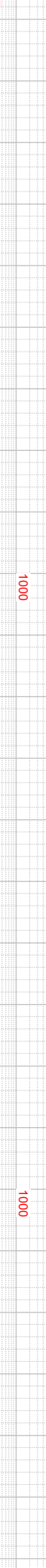
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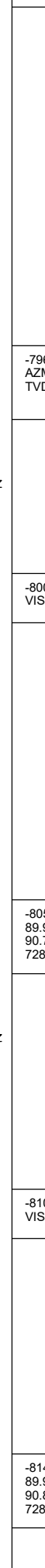
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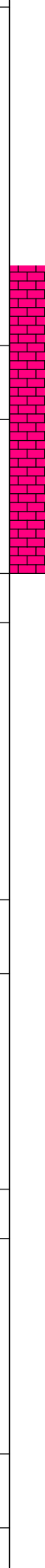
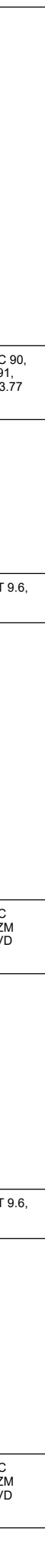
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-8000 CHK: lt-med gy-brn, sft-sbfrm, sbbly, mot, v calc, rthy lstr; MARL: dk gy-blk, sbbly-sbply, sft-sbfrm, mod calc, sl arg; tr pale grn bent; tr forams; tr fos frags;

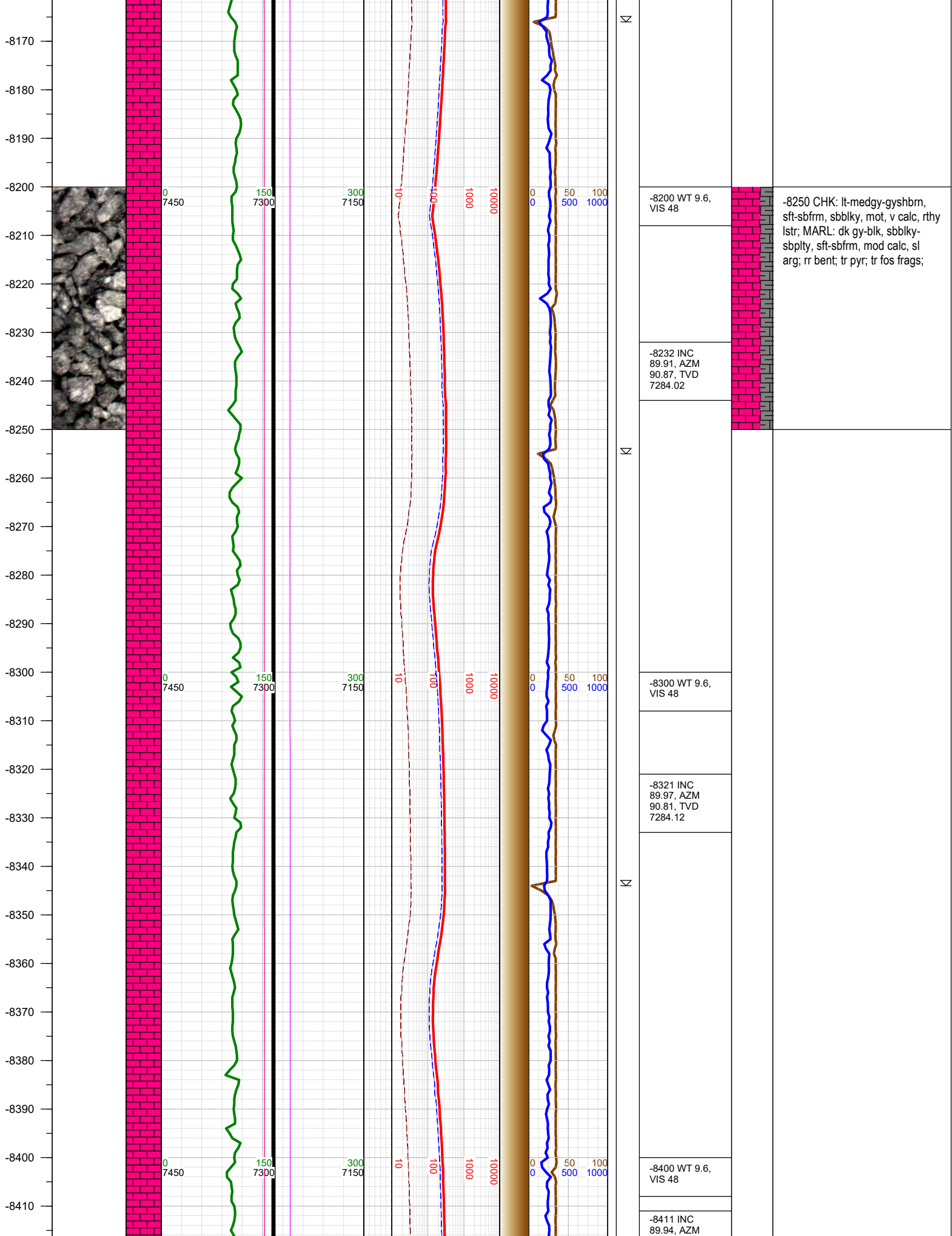
-7963 INC 90, AZM 90.91, TVD 7283.77

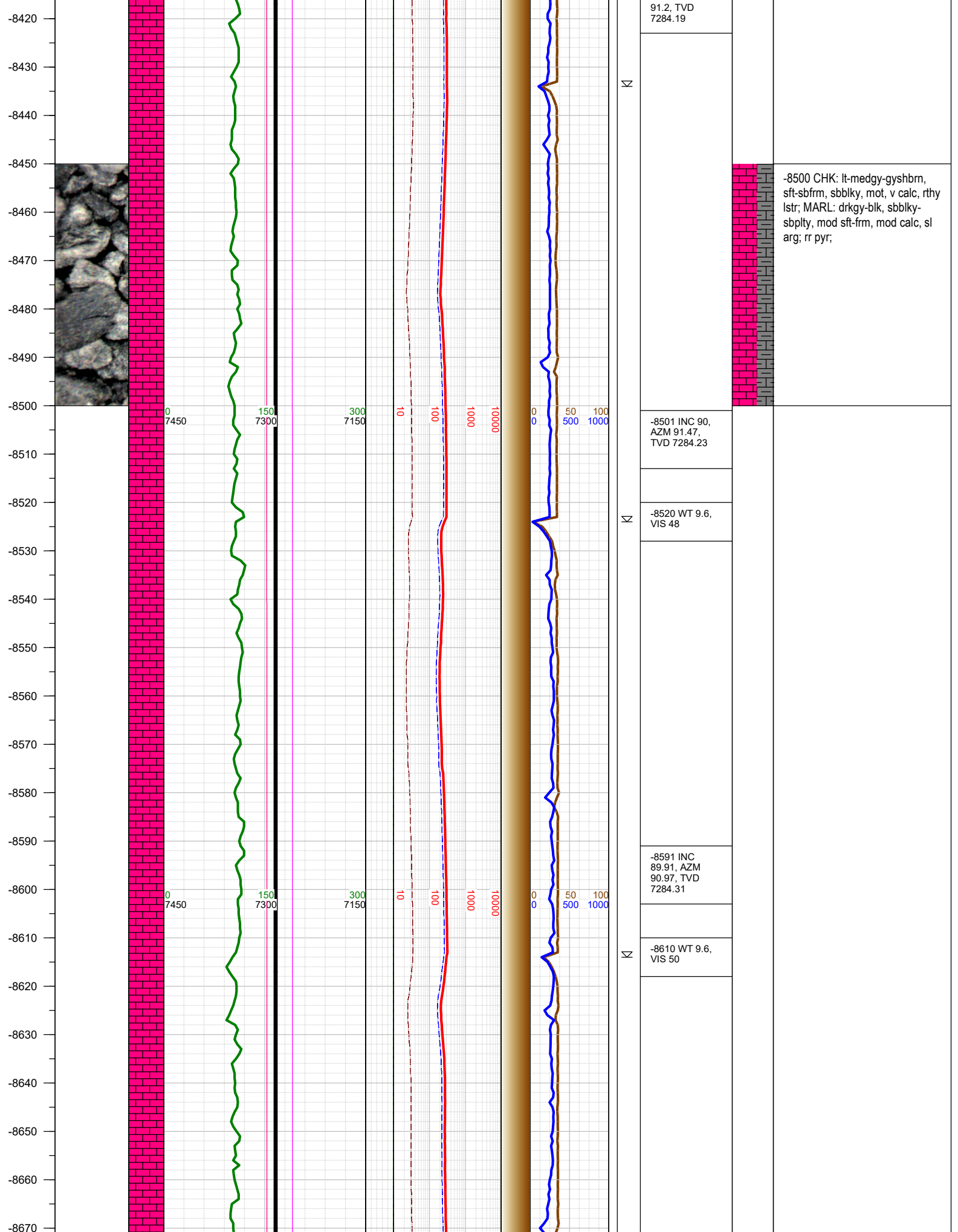
-8000 WT 9.6, VIS 49

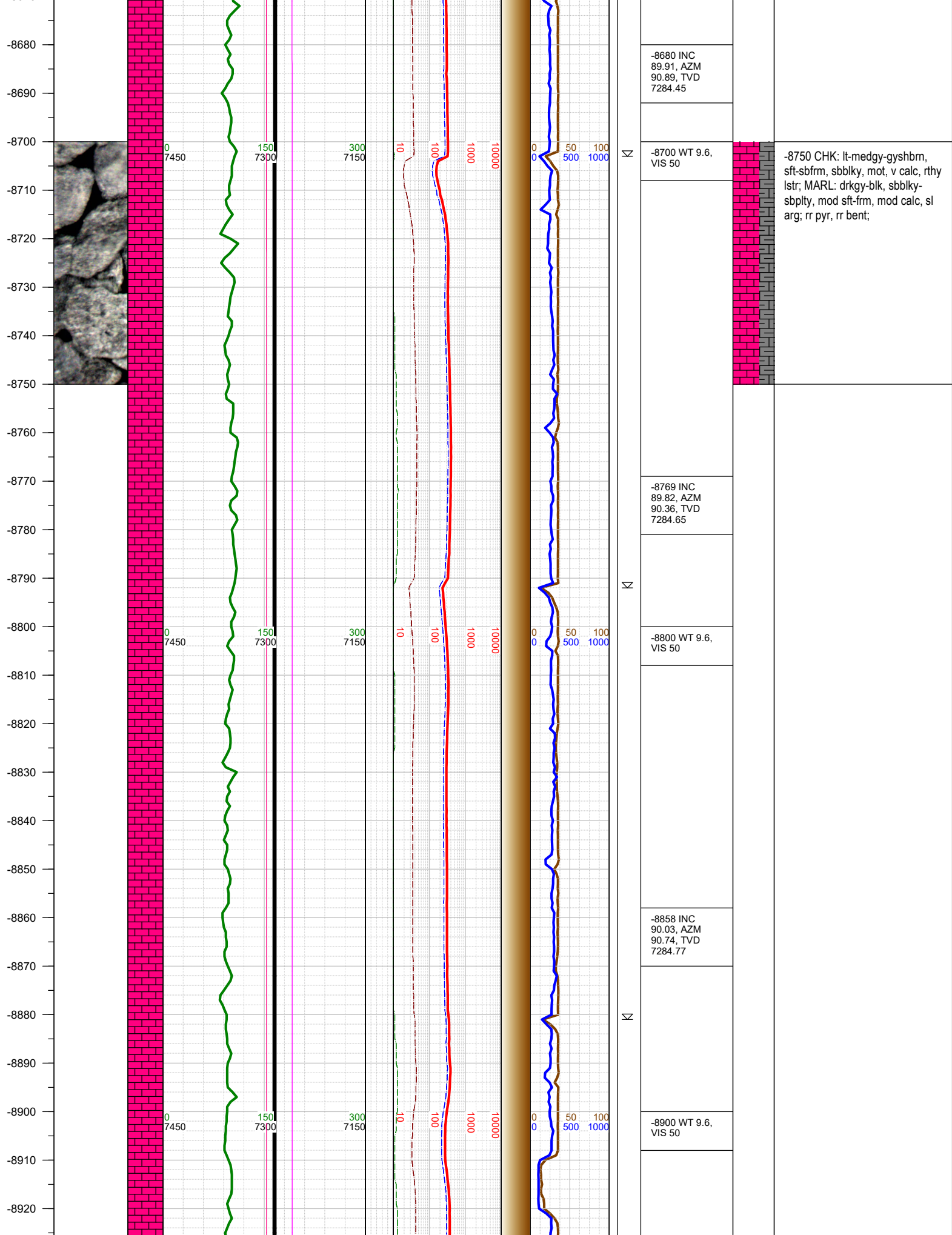
-8053 INC 89.91, AZM 90.73, TVD 7283.84

-8100 WT 9.6, VIS 48

-8143 INC 89.97, AZM 90.88, TVD 7283.93

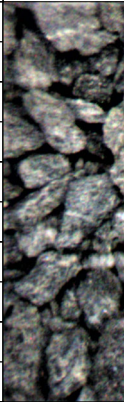








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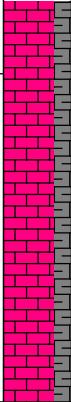
-8947 INC  
90.03, AZM  
93.6, TVD  
7284.72

-9000 WT 9.6,  
VIS 50

-9037 INC  
89.91, AZM  
91.52, TVD  
7284.77

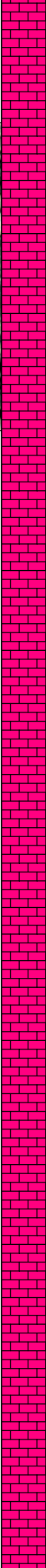
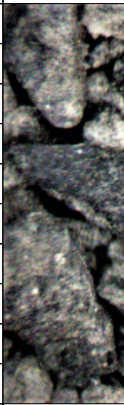
-9100 WT 9.6,  
VIS 53

-9126 INC  
89.94, AZM  
90.64, TVD  
7284.89



-9000 CHK: lt-medgy, lt-medbrn,  
ip bf wh, sft-sbfrm, sbblky, mot, v  
calc, rthy lstr; MARL: drkgy-blk,  
sbblky-sbplty, mod sft-frm, mod  
calc, sl arg; tr nodr pyr, rr bent, rr  
fos frags;

-9180  
-9190  
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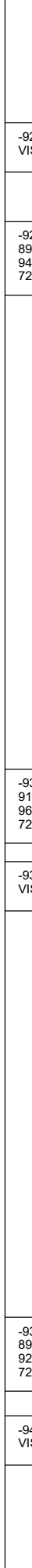
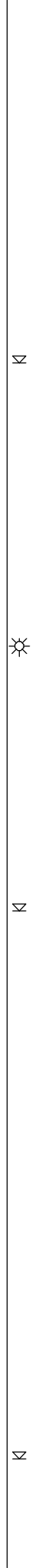
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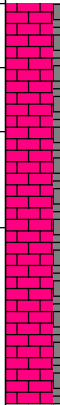
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-9200 WT 9.6,  
VIS 53

-9216 INC  
89.97, AZM  
94.15, TVD  
7284.96



-9250 CHK: lt-medgy, lt-medbrn,  
sft-sbfrm, sbbly, mot, v calc, rthy  
lstr; MARL: drkgy-blk, sbbly-  
sbply, mod sft-frm, mod calc, sl  
arg; mod tr nodr pyr, tr bent, rr  
fos frags;

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-9305 INC  
91.11, AZM  
96.09, TVD  
7284.12

-9320 WT 9.6,  
VIS 53

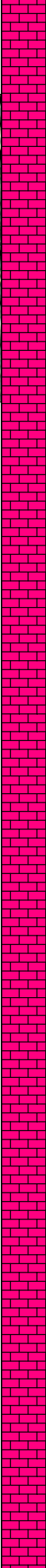
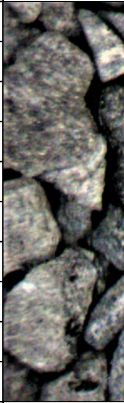
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-9394 INC  
89.82, AZM  
92.32, TVD  
7283.4

-9410 WT 9.6,  
VIS 55

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-9484 INC  
89.88, AZM  
89.81, TVD  
7283.63

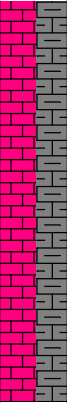
-9500 WT 9.7,  
VIS 56

-9573 INC  
90.03, AZM  
90.74, TVD  
7283.7

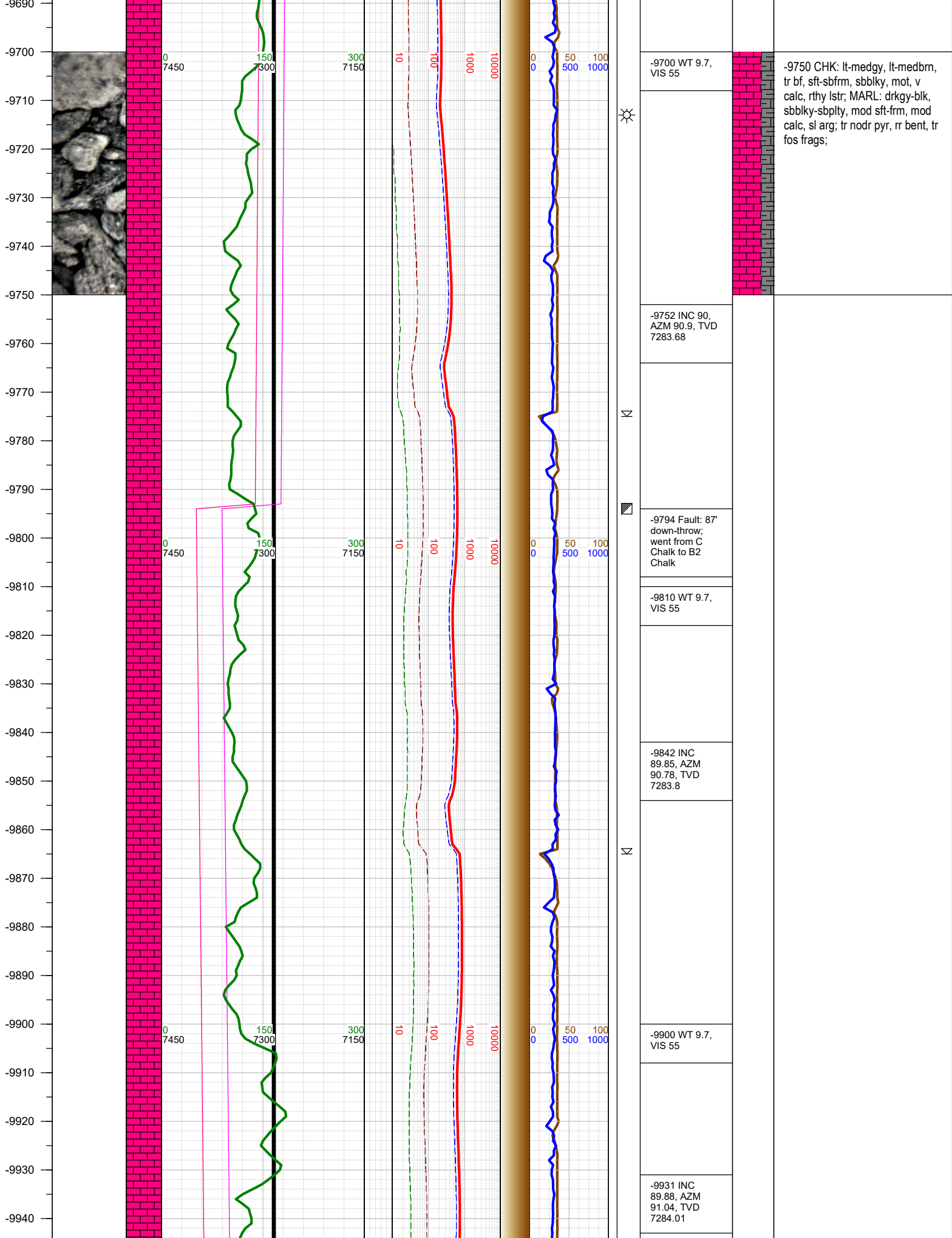
-9600 WT 9.7,  
VIS 56

-9629 0000 hrs  
on 2/9/2023

-9662 INC 90,  
AZM 90.74,  
TVD 7283.68

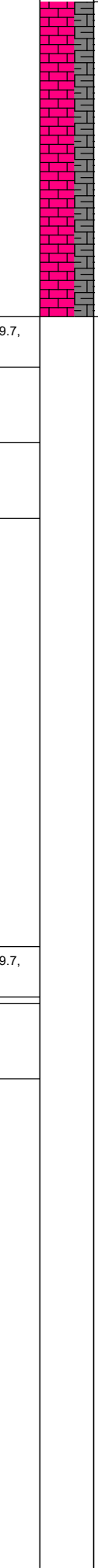
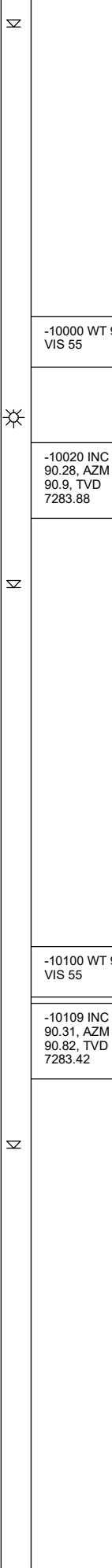
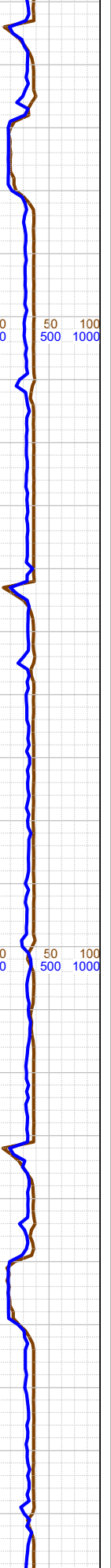
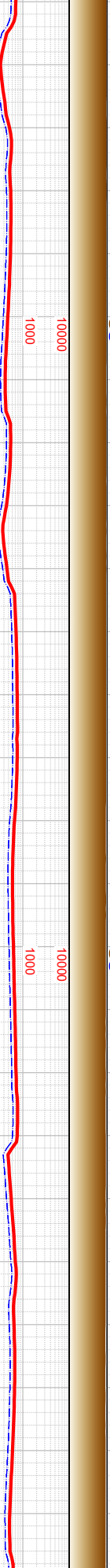
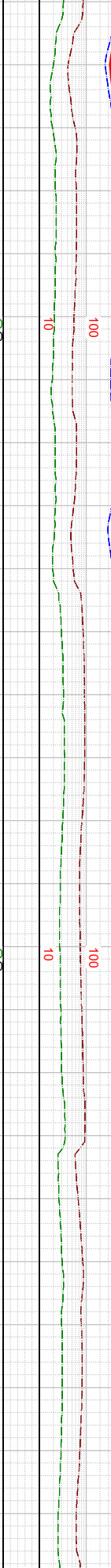
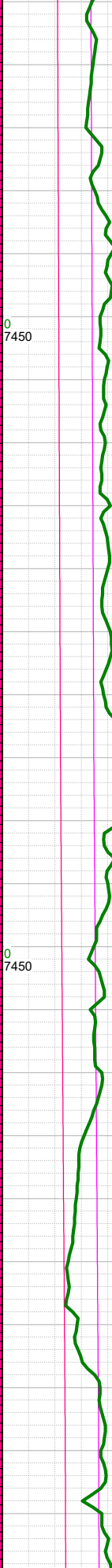
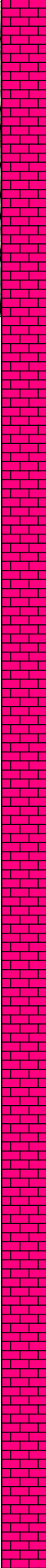
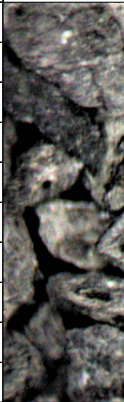


-9500 CHK: lt-medgy, medbrn-  
gyshbn, sft-sbfrm, sbblky, mot, v  
calc, rthy lstr; MARL: drkgy-blk,  
sbblky-sbplty, mod sft-frm, mod  
calc, sl arg; tr nodr pyr, tr bent, tr  
fos frags;





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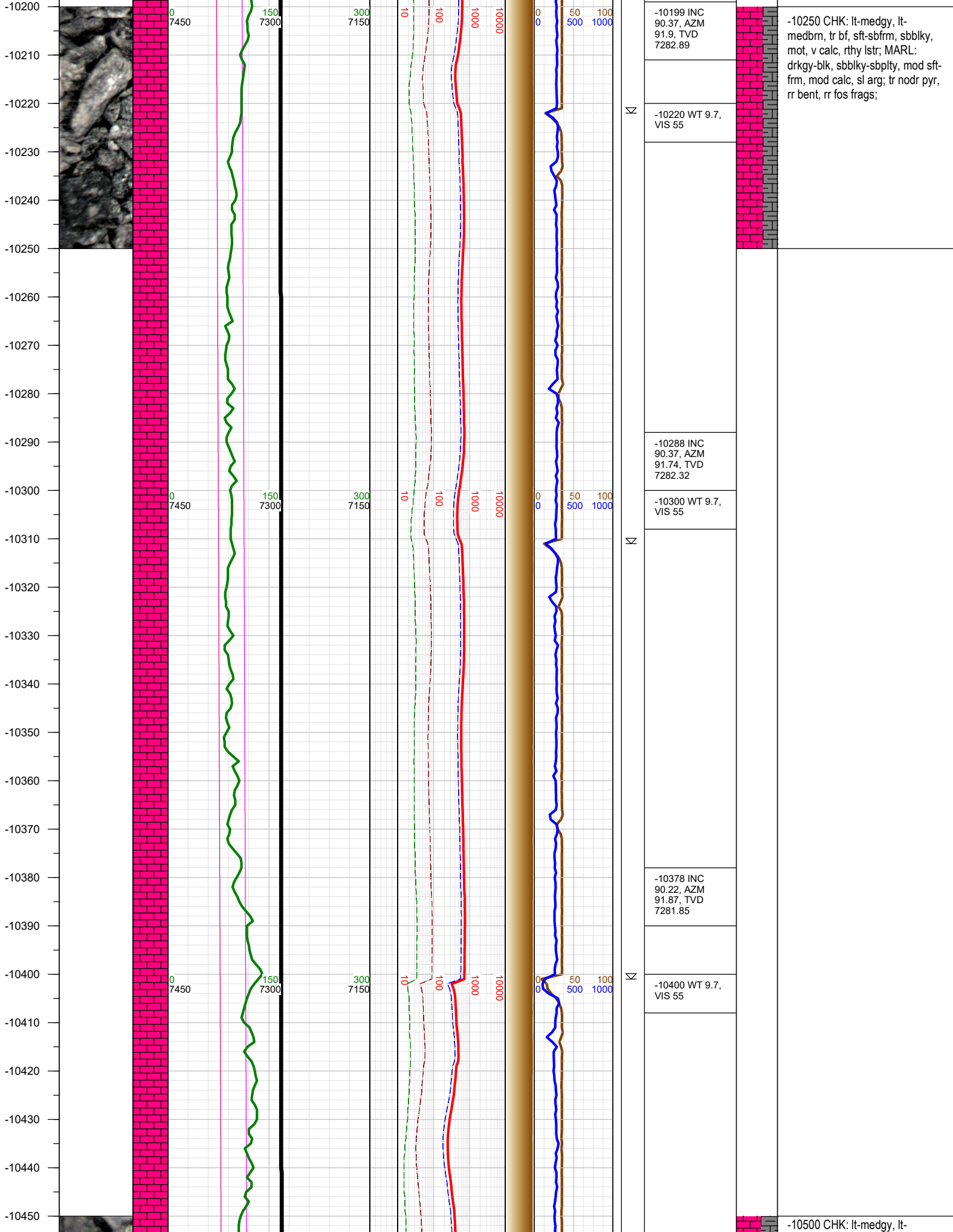
-10000 CHK: lt-medgy, lt-medbrn, tr bf, sft-sbfrm, sbbly, mot, v calc, rthy lstr; MARL: drkgy-blk, sbbly-sbply, mod sft-frm, mod calc, sl arg; tr nodr pyr, rr bent, tr fos frags;

-10000 WT 9.7,  
VIS 55

-10020 INC  
90.28, AZM  
90.9, TVD  
7283.88

-10100 WT 9.7,  
VIS 55

-10109 INC  
90.31, AZM  
90.82, TVD  
7283.42



-10199 INC  
90.37, AZM  
91.9, TVD  
7282.89

-10220 WT 9.7,  
VIS 55

-10288 INC  
90.37, AZM  
91.74, TVD  
7282.32

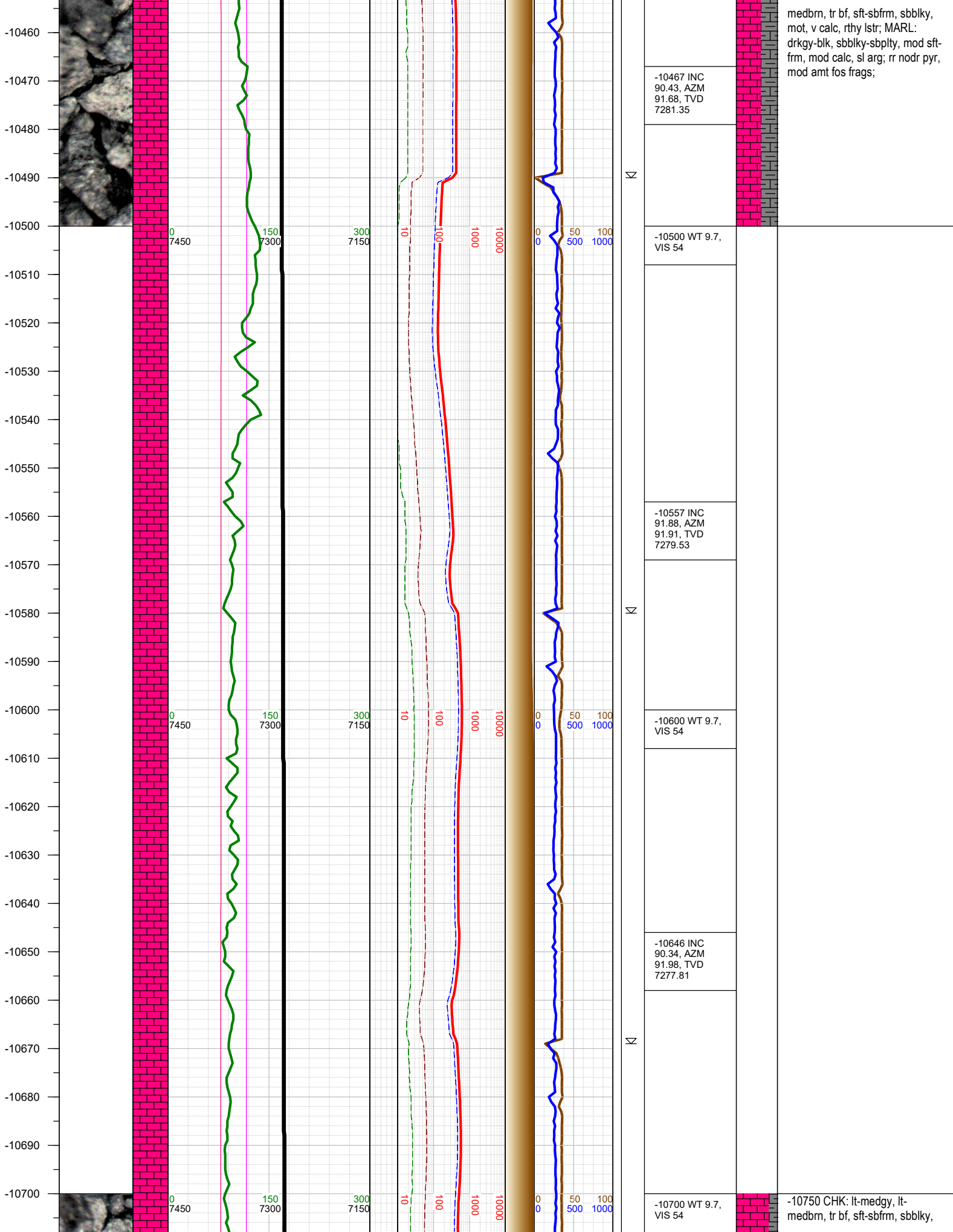
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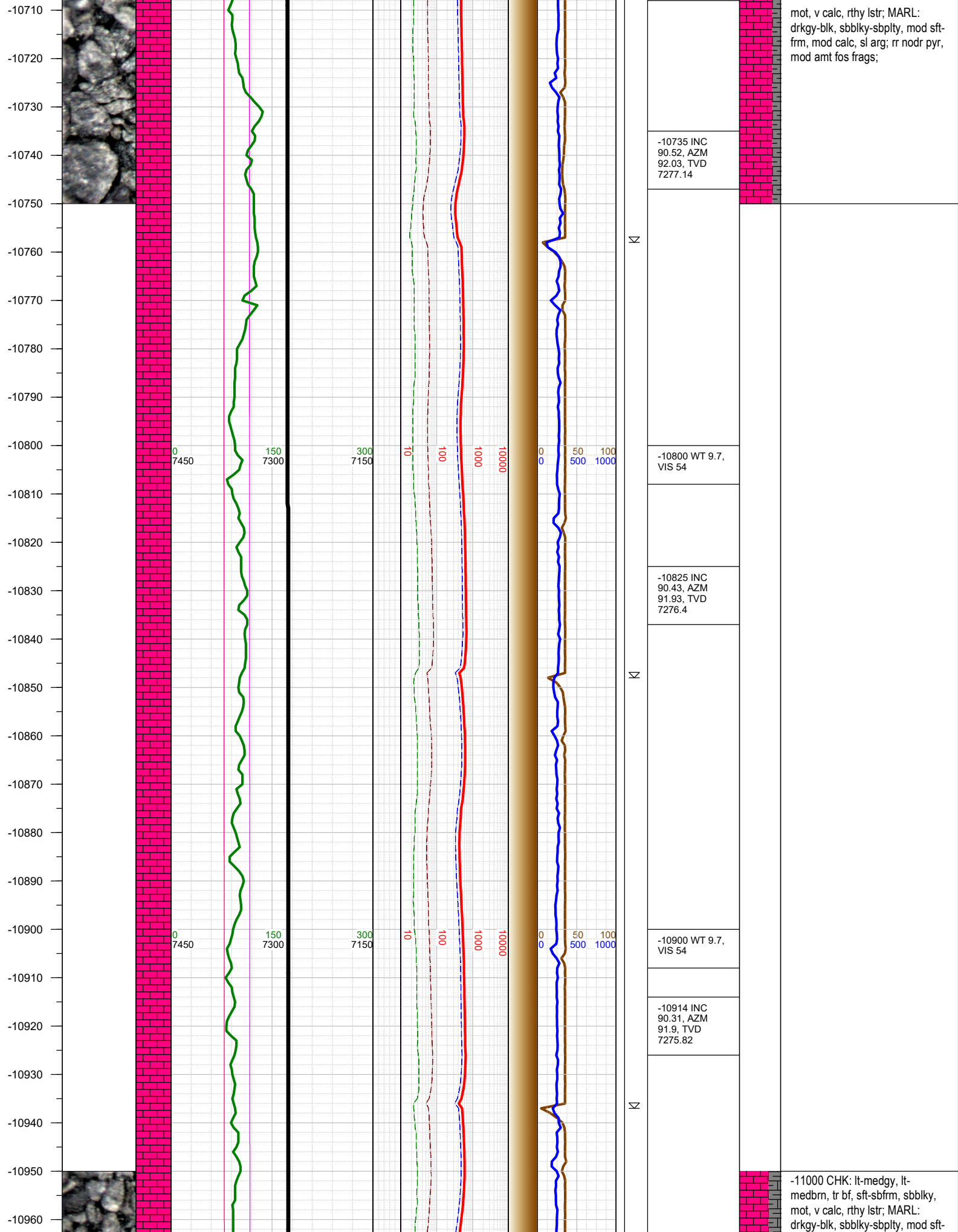
-10378 INC  
90.22, AZM  
91.87, TVD  
7281.85

-10400 WT 9.7,  
VIS 55

-10250 CHK: Lt-medgy, lt-medbrn, tr bf, sft-sbfrm, sbblky, mot, v calc, rthy lstr; MARL: drkgy-blk, sbblky-sbplty, mod sft-frm, mod calc, sl arg; tr nodr pyr, rr bent, rr fos frags;

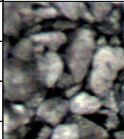
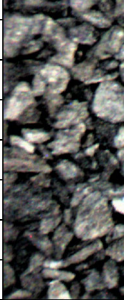
-10500 CHK: Lt-medgy, lt-



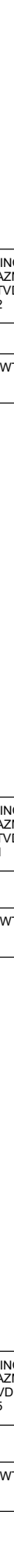
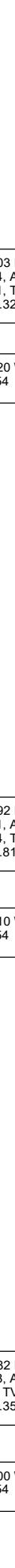
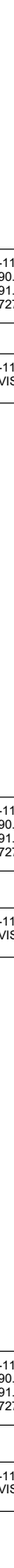
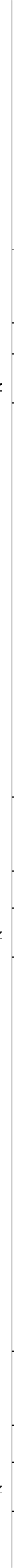
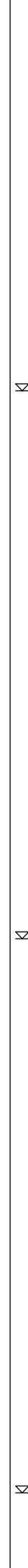
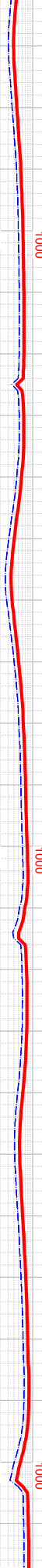




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0 50 100  
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-11003 INC  
90.34, AZM  
91.81, TVD  
7275.32

-11020 WT 9.7,  
VIS 54

-11092 INC  
90.31, AZM  
91.64, TVD  
7274.81

-11110 WT 9.7,  
VIS 54

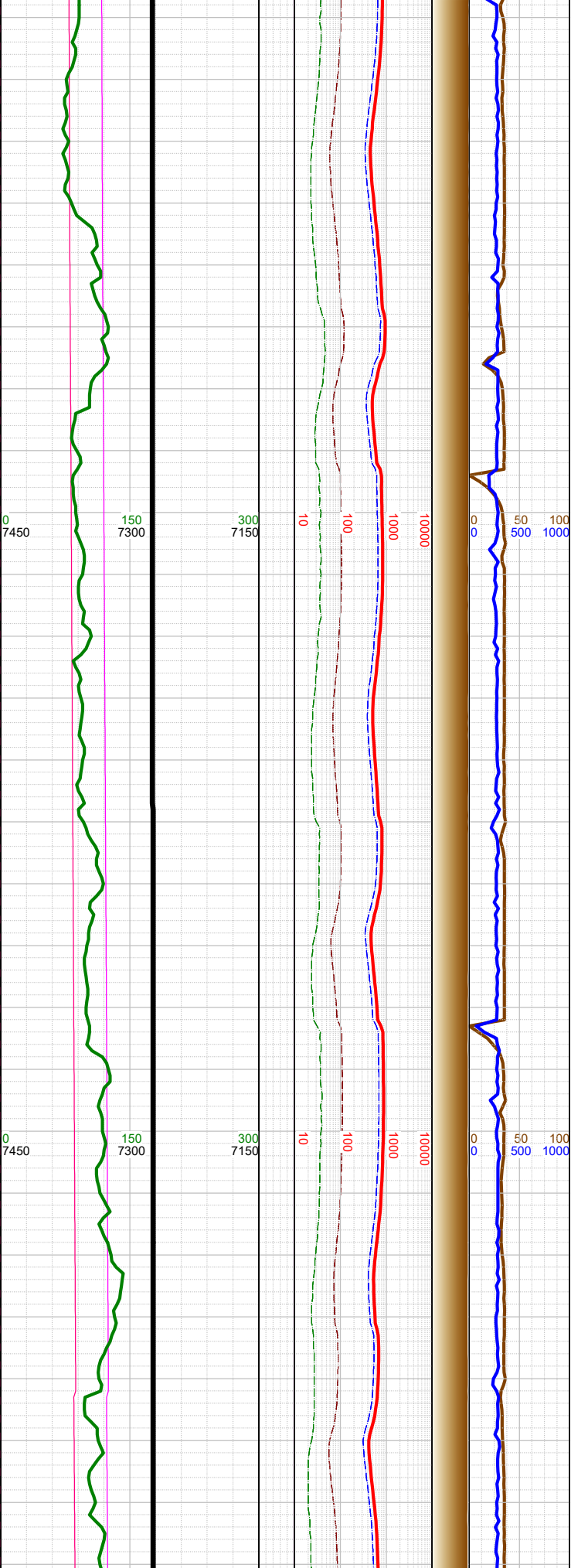
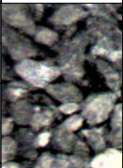
-11182 INC  
90.28, AZM  
91.8, TVD  
7274.35

-11200 WT 9.7,  
VIS 54

frm, mod calc, sl arg; rr nodr pyr,  
mod amt fos frags;

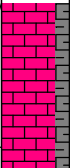
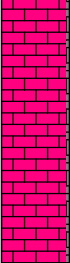
-11250 CHK: lt-medgy, lt-  
medbrn, tr bf, sft-sbfrm, sbblky,  
mot, v calc, rthy lstr; MARL:  
drkgy-blk, sbblky-sbply, mod sft-  
frm, mod calc, sl arg; rr nodr pyr,

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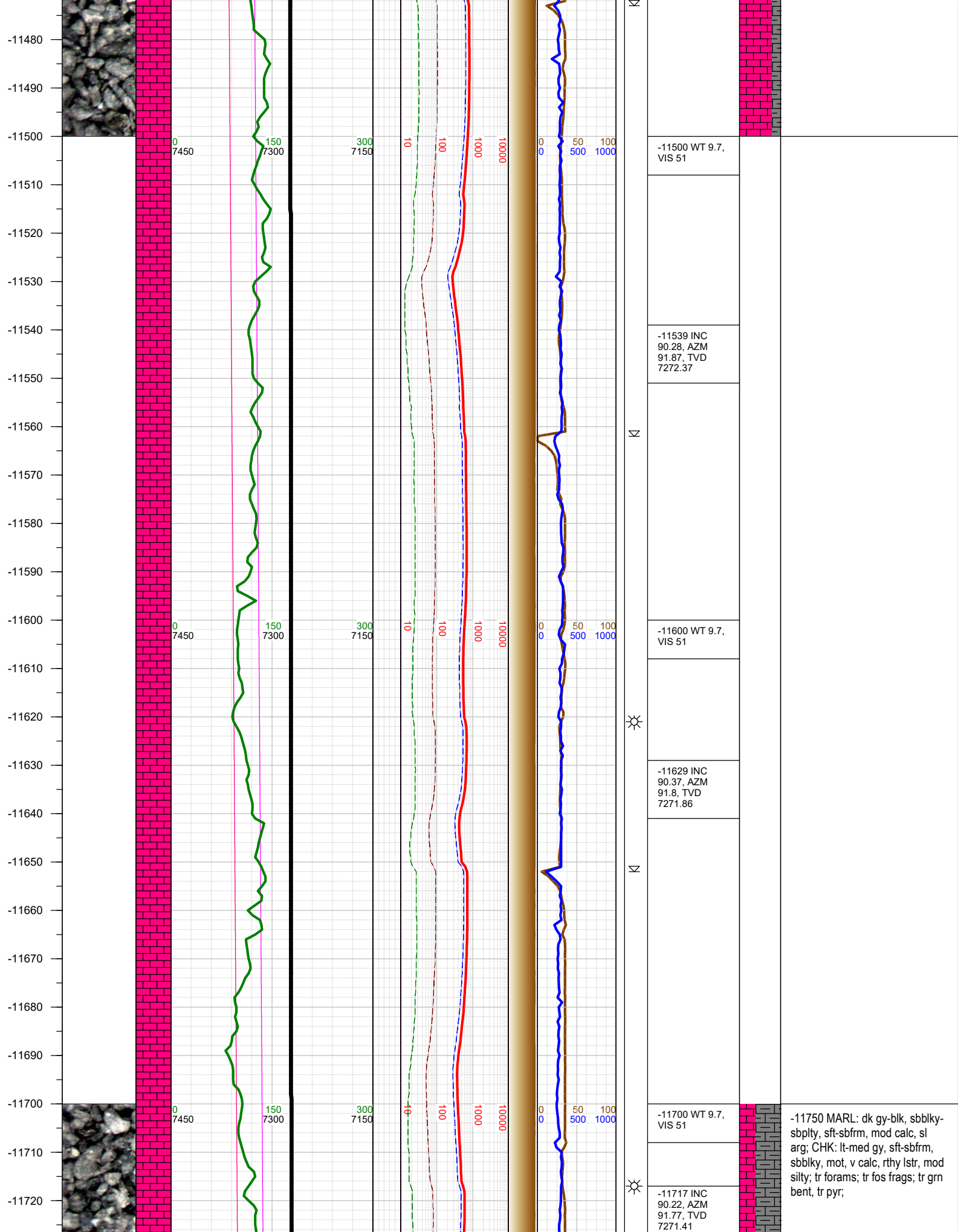
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-11271 INC 90.28, AZM 91.8, TVD 7273.91
-11300 WT 9.7, VIS 54
-11360 INC 90.34, AZM 91.8, TVD 7273.43
-11400 WT 9.7, VIS 51
-11443 Fault: 2' down-throw; stayed in B2 Chalk
-11450 INC 90.37, AZM 91.73, TVD 7272.87

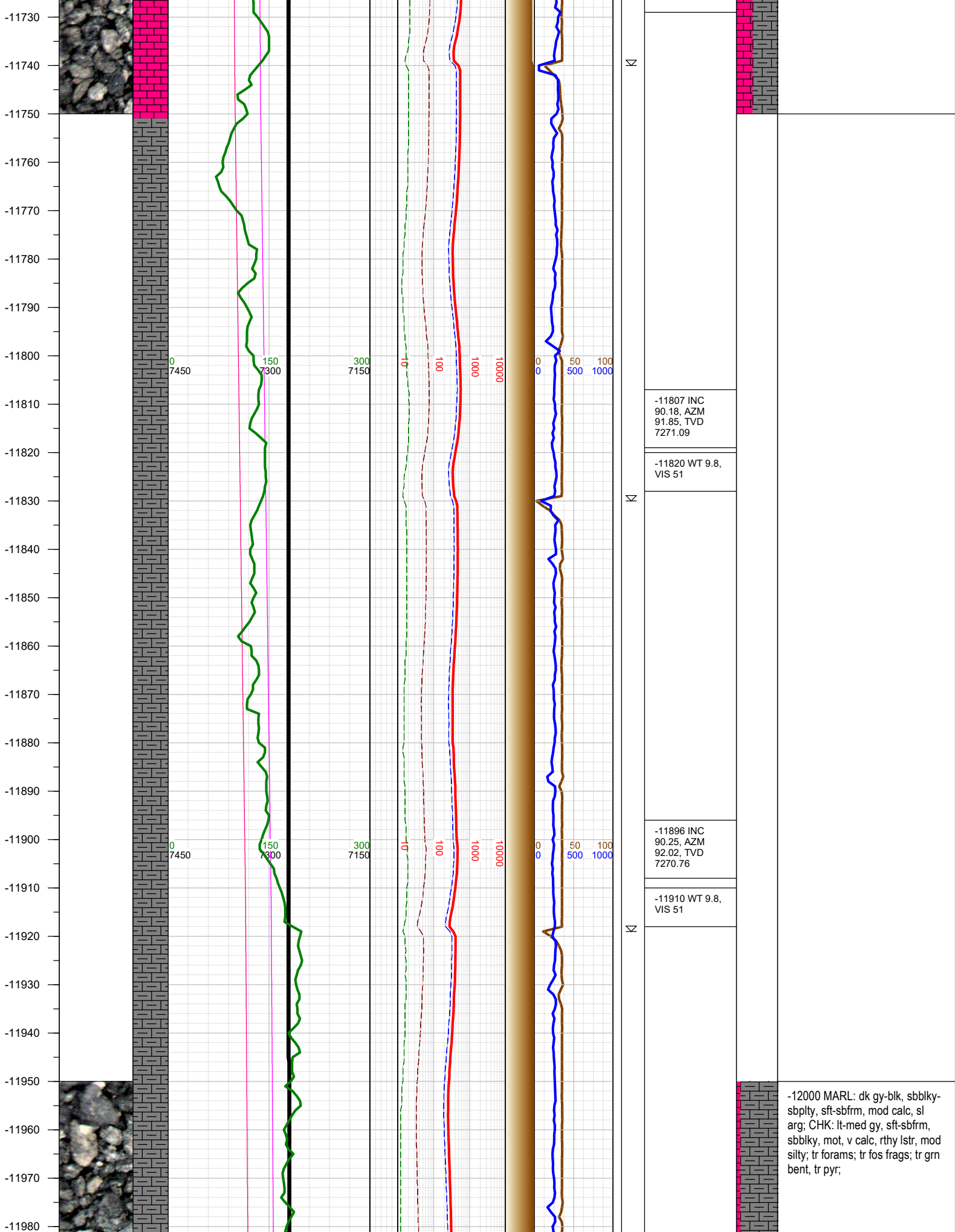


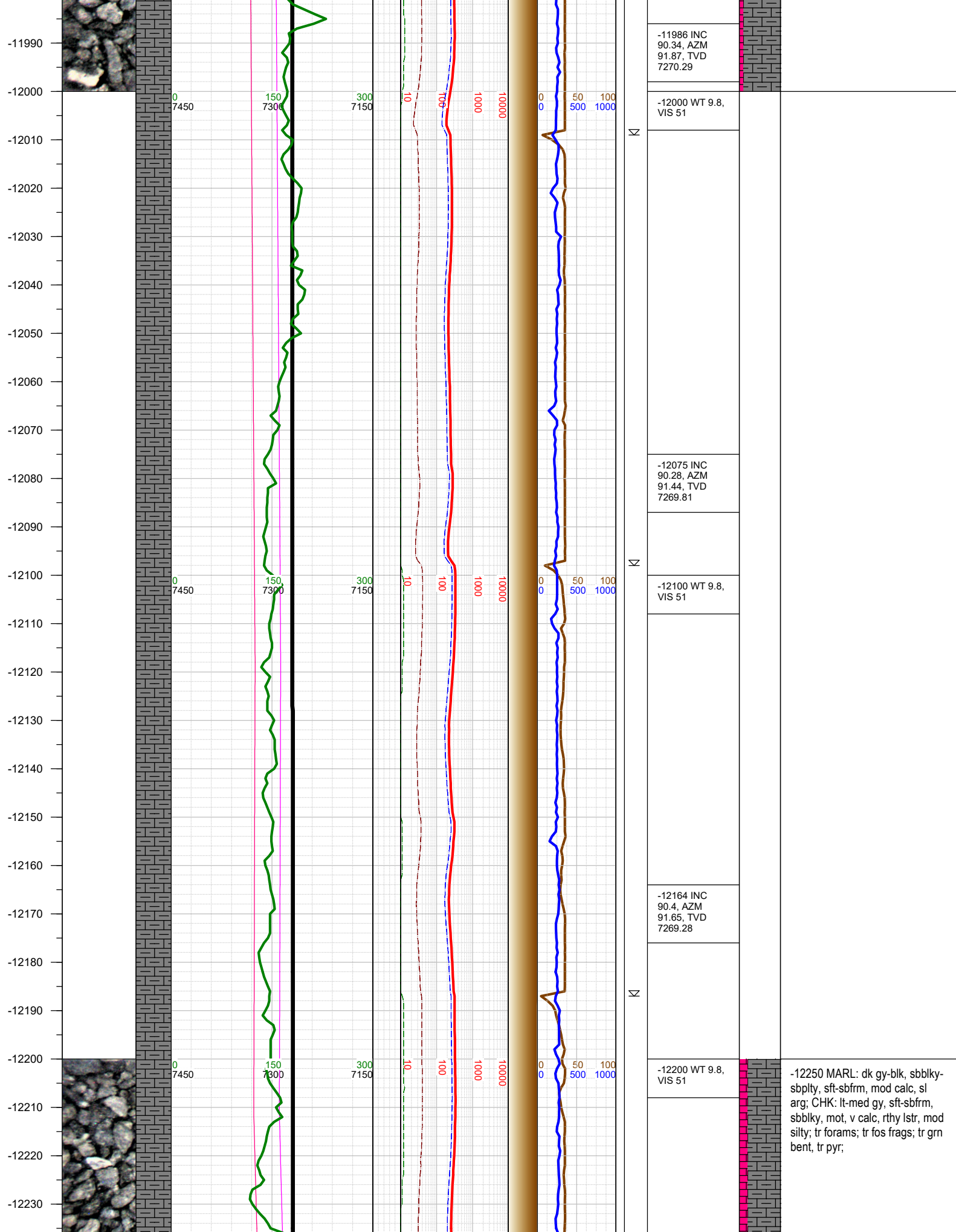
mod amt fos frags;

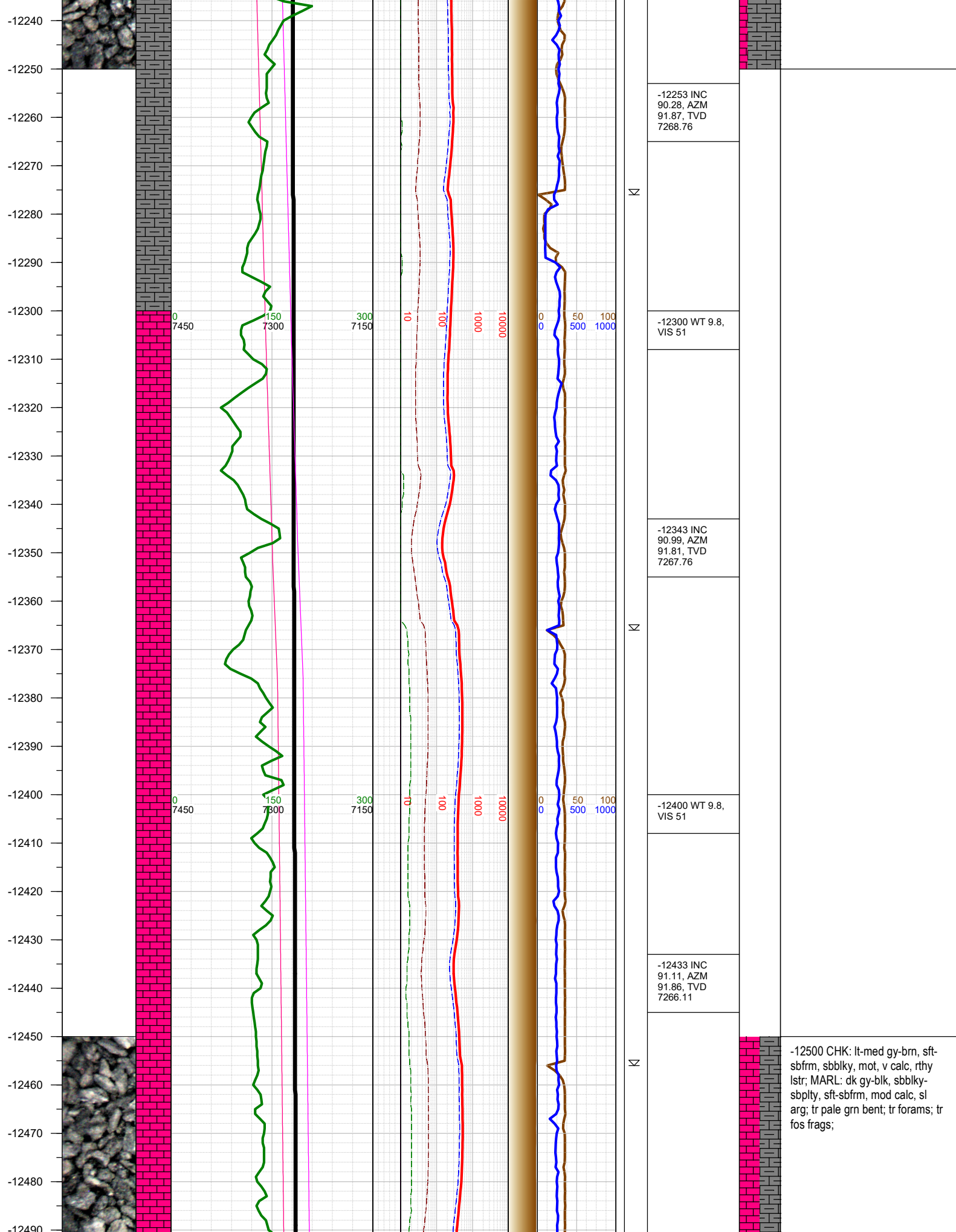
-11500 CHK: lt-medgy, lt-medbrn, tr bf, sft-sbfrm, sbbly, mot, v calc, rthy lstr; MARL: drkgy-blk, sbbly-sbply, mod sft-frm, mod calc, sl arg; tr nodr pyr, rr bent, tr fos frags;



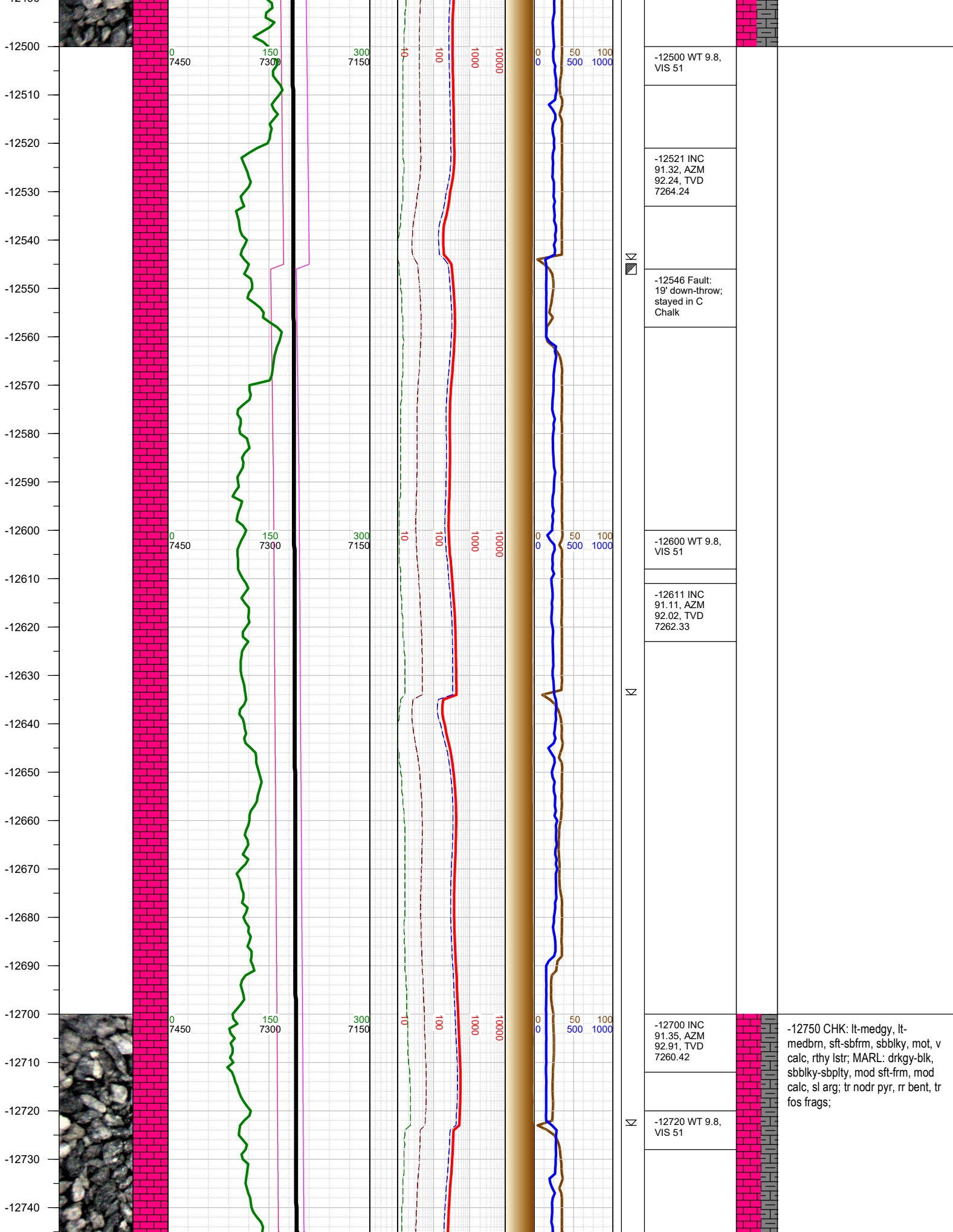




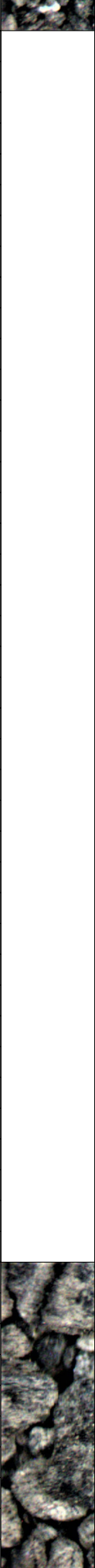








-12750  
-12760  
-12770  
-12780  
-12790  
-12800  
-12810  
-12820  
-12830  
-12840  
-12850  
-12860  
-12870  
-12880  
-12890  
-12900  
-12910  
-12920  
-12930  
-12940  
-12950  
-12960  
-12970  
-12980  
-12990  
-13000



0  
7450

150  
7300

300  
7150

10

100

1000

10000

0

50

100



-12790 INC  
91.35, AZM  
92.17, TVD  
7258.3

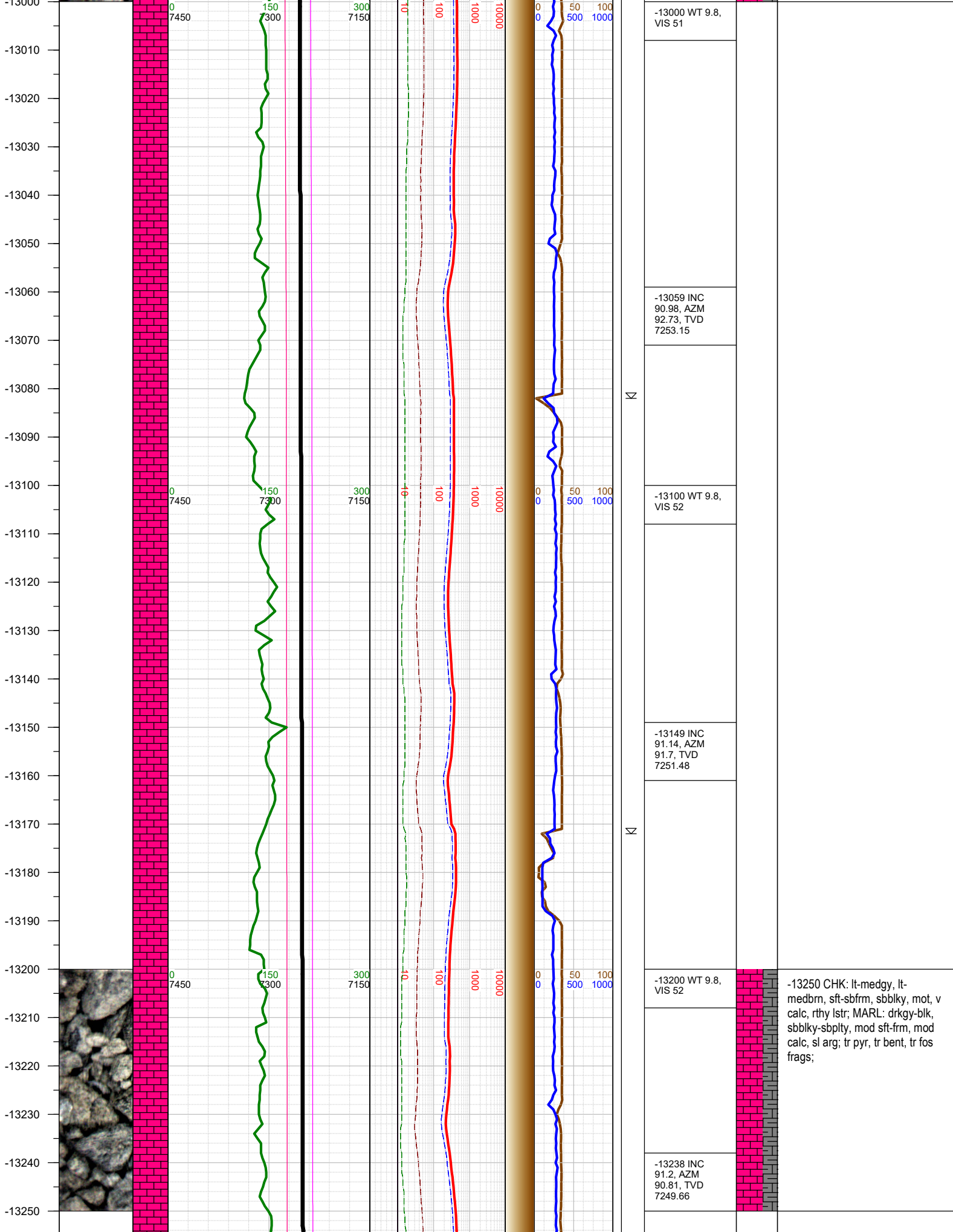
-12810 WT 9.8,  
VIS 51

-12880 INC  
91.08, AZM  
91.78, TVD  
7256.4

-12900 WT 9.8,  
VIS 51

-12969 INC  
91.05, AZM  
91.92, TVD  
7254.74

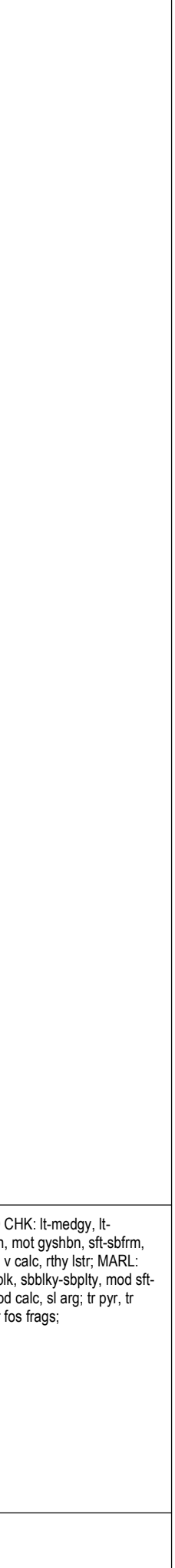
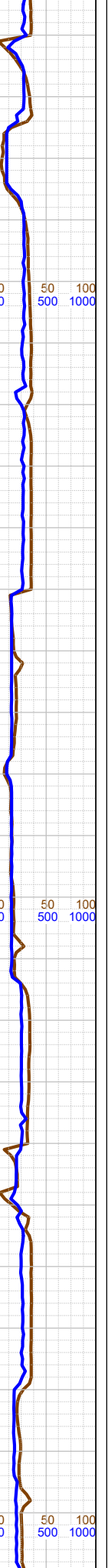
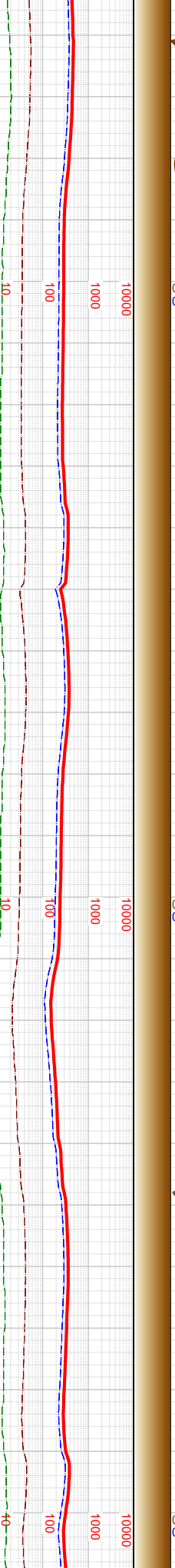
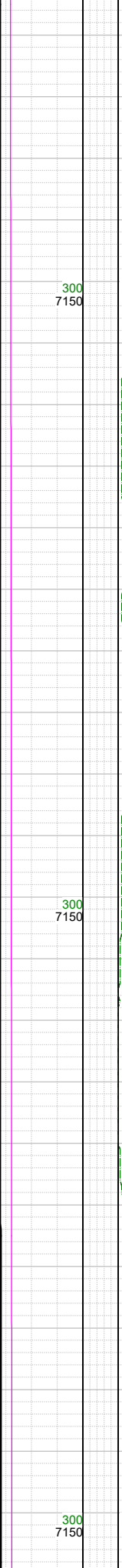
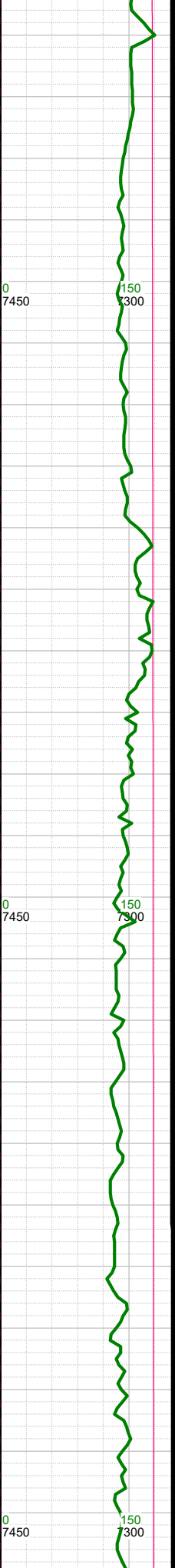
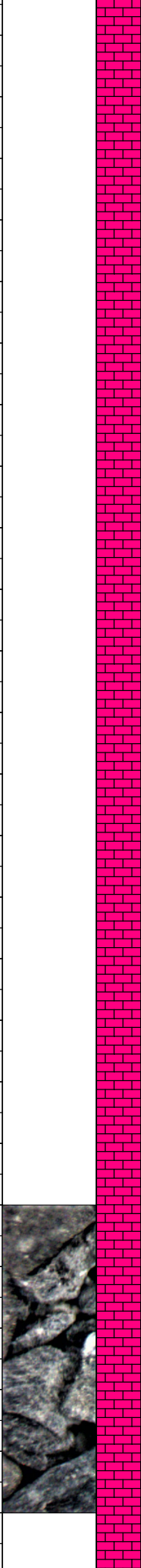
-13000 CHK: lt-medgy, lt-medbrn, sft-sbfrm, sbbkly, mot, v calc, rthy lstr; MARL: drkgy-blk, sbbkly-sbplty, mod sft-frm, mod calc, sl arg; rr pyr, tr bent, tr fos frags;



-13250 CHK: lt-medgy, lt-medbrn, sft-sbfrm, sbblky, mot, v calc, rthy lstr; MARL: drkgy-blk, sbblky-sbplty, mod sft-frm, mod calc, sl arg; tr pyr, tr bent, tr fos frags;



-13260  
-13270  
-13280  
-13290  
-13300  
-13310  
-13320  
-13330  
-13340  
-13350  
-13360  
-13370  
-13380  
-13390  
-13400  
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-13460  
-13470  
-13480  
-13490  
-13500



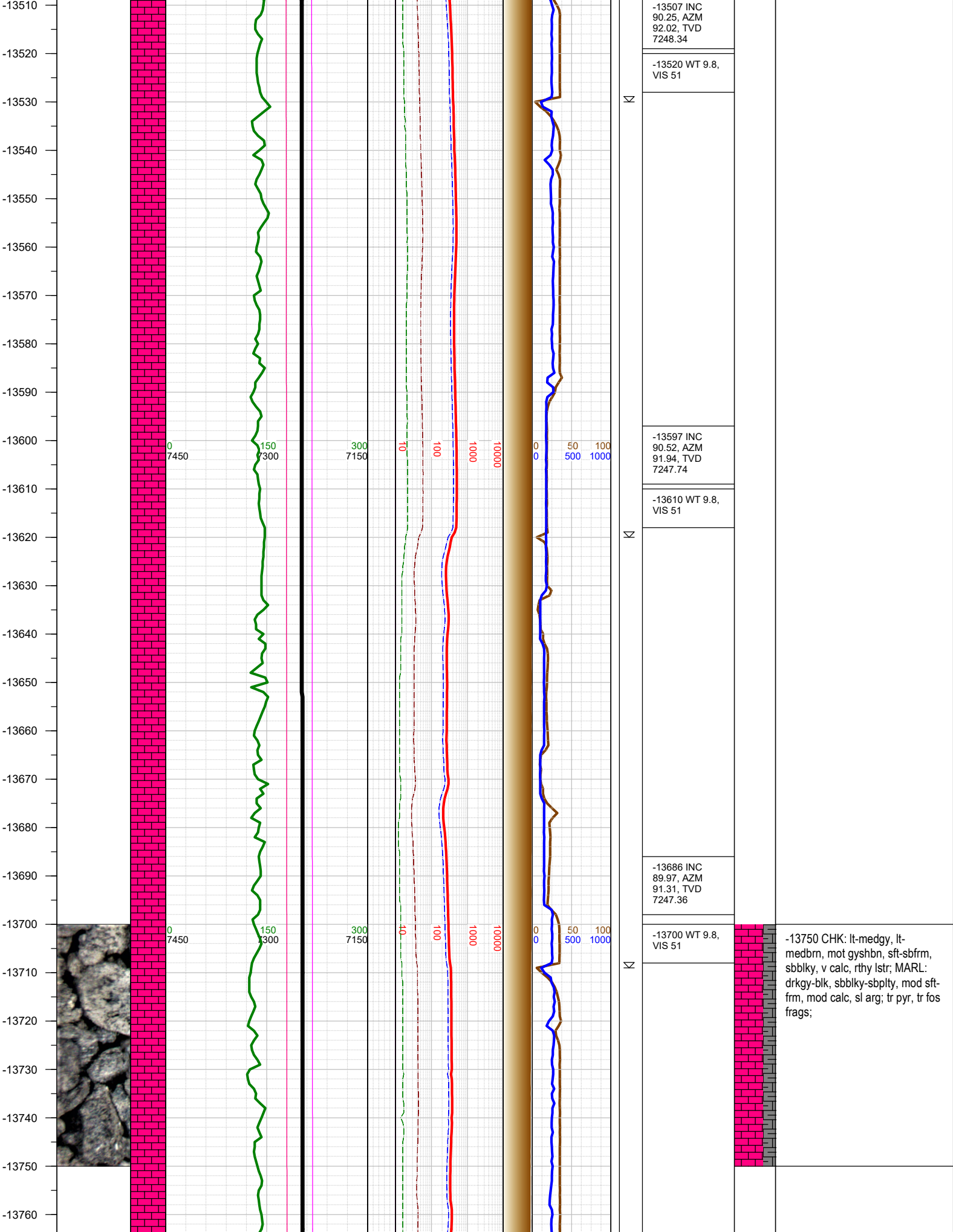
-13300 WT 9.8,  
VIS 52

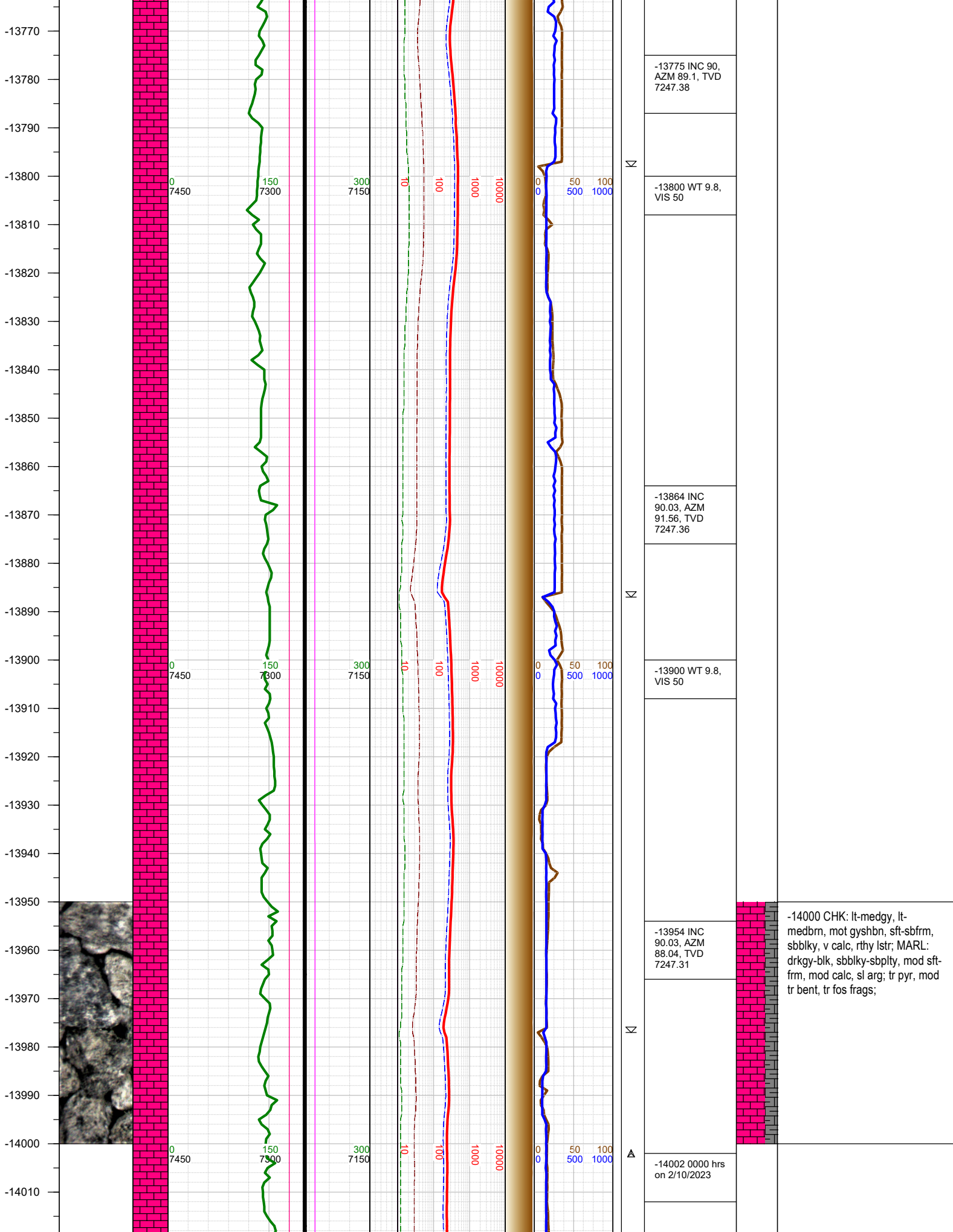
-13328 INC  
90.03, AZM  
93.43, TVD  
7248.7

-13400 WT 9.8,  
VIS 52

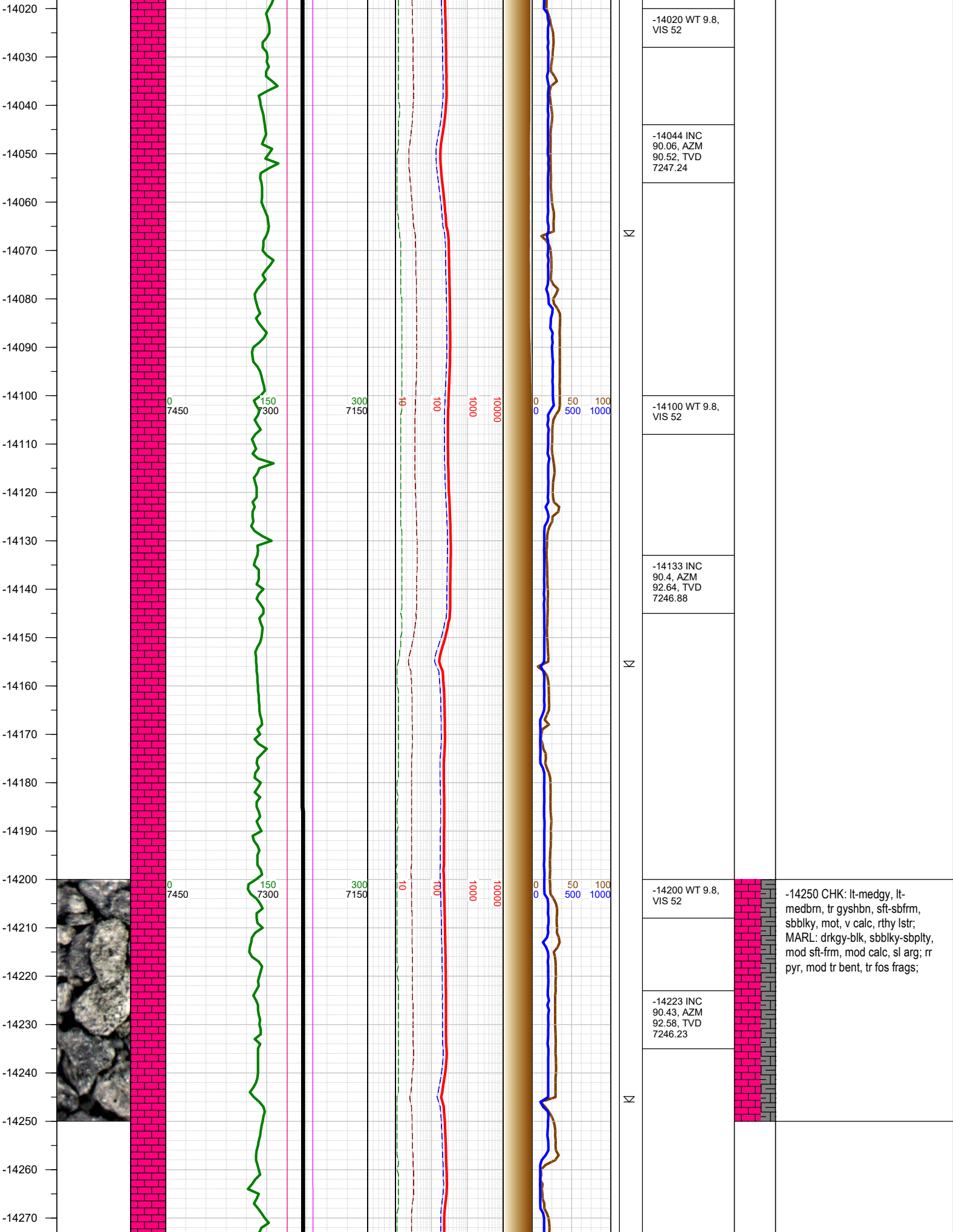
-13418 INC  
90.09, AZM  
90.91, TVD  
7248.6

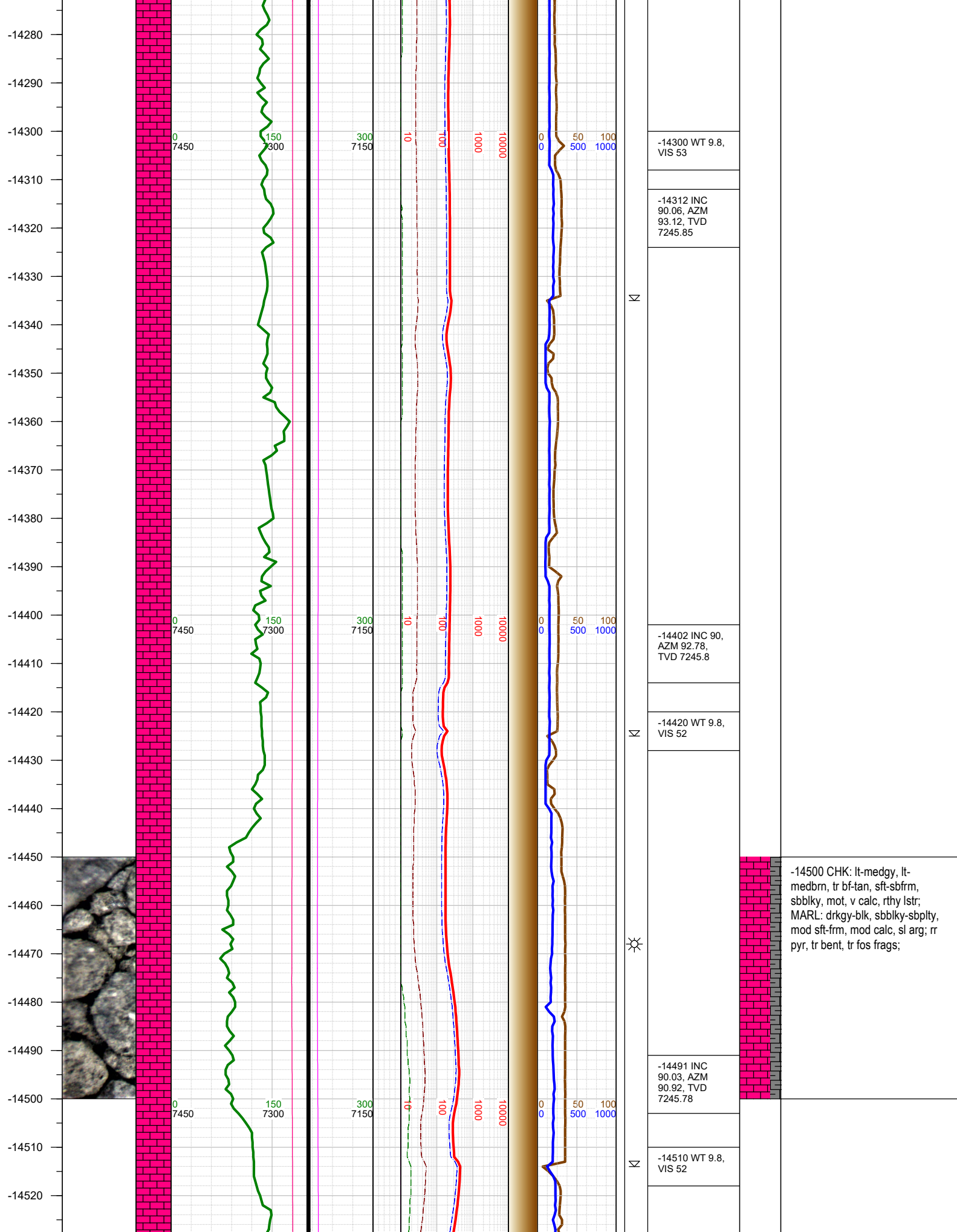
-13500 CHK: lt-medgy, lt-medbrn, mot gyshbn, sft-sbfrm, sbbiky, v calc, rthy lstr; MARL: drkgy-blk, sbbiky-sbply, mod sft-frm, mod calc, sl arg; tr pyr, tr bent, tr fos frags;

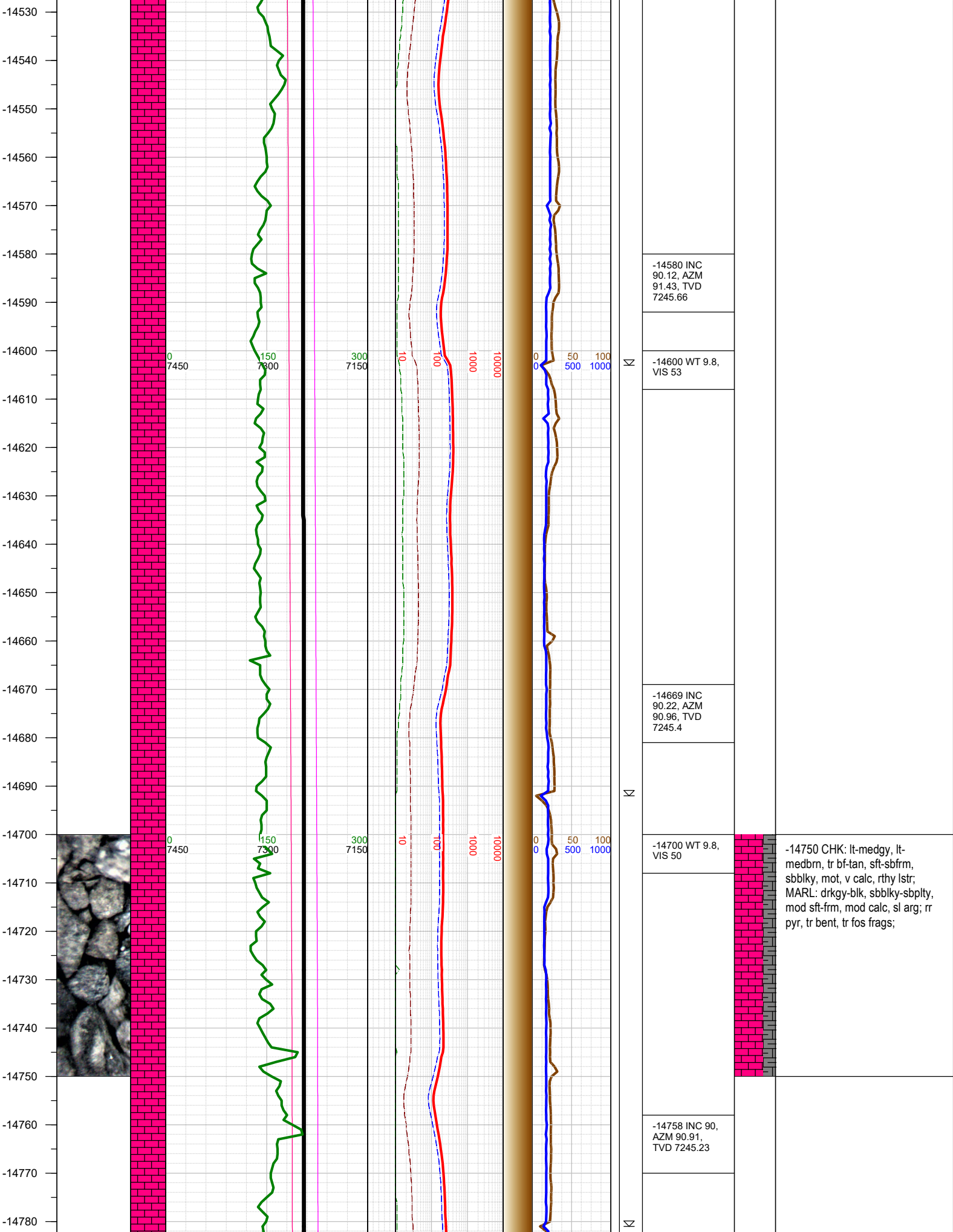




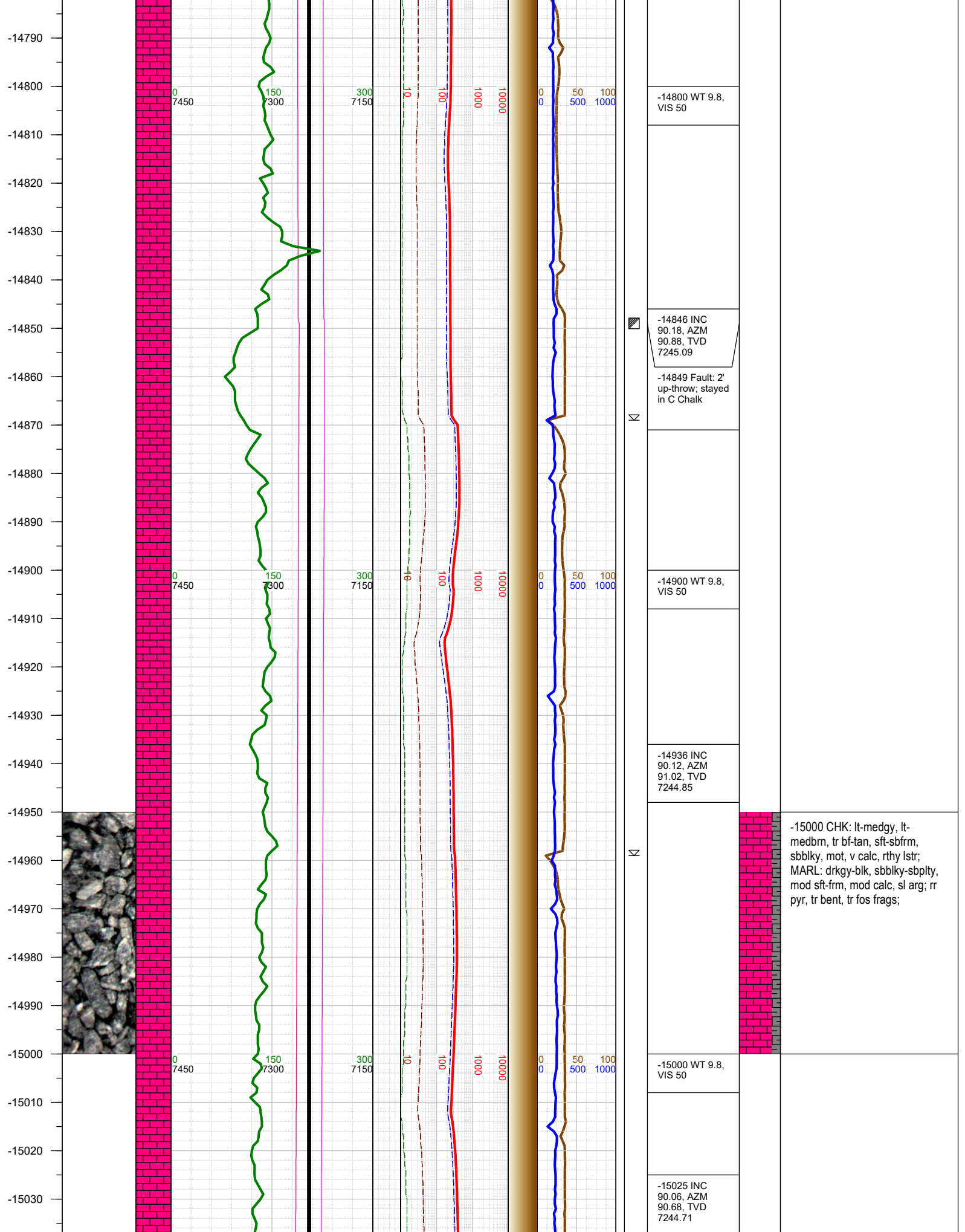


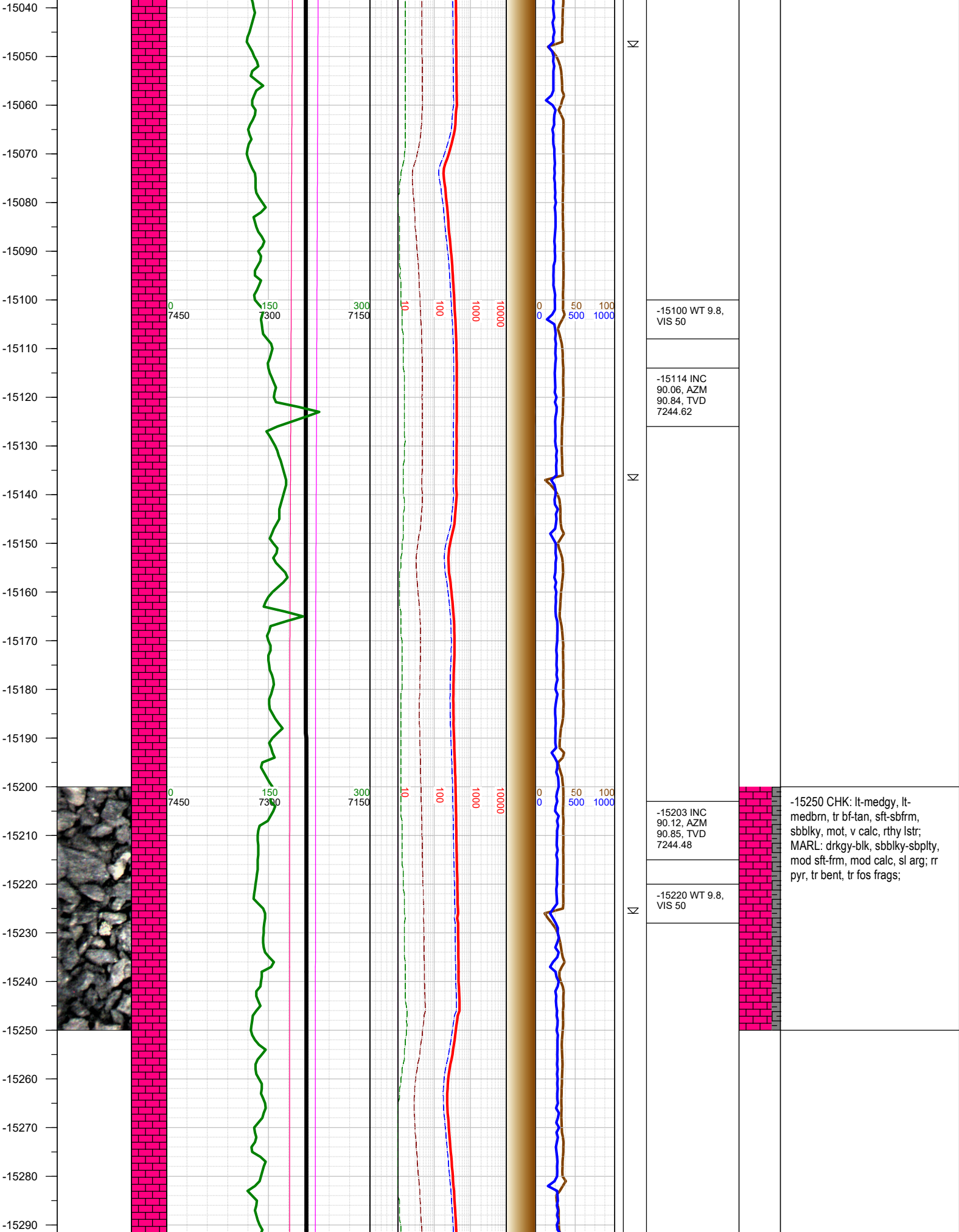


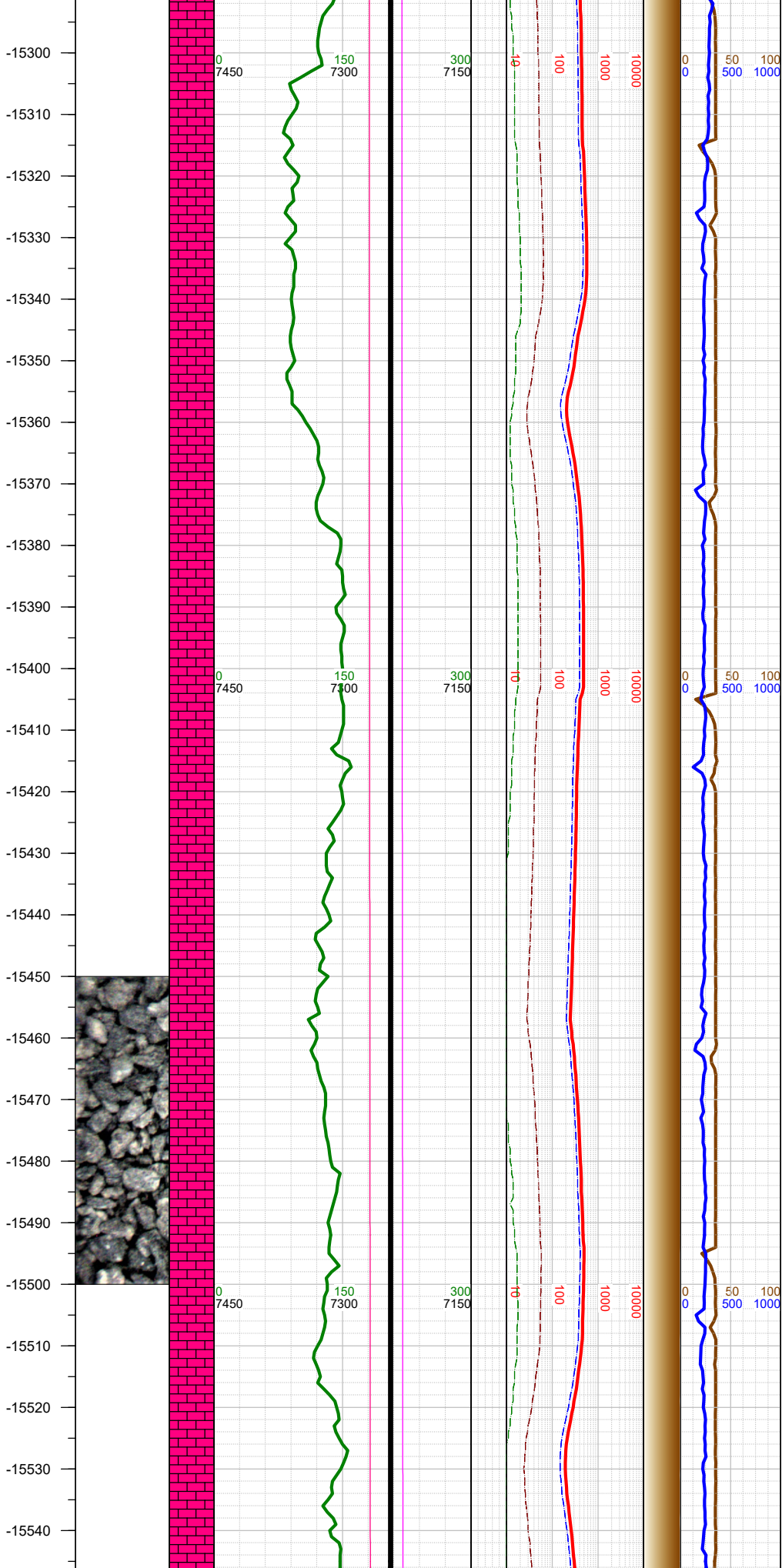










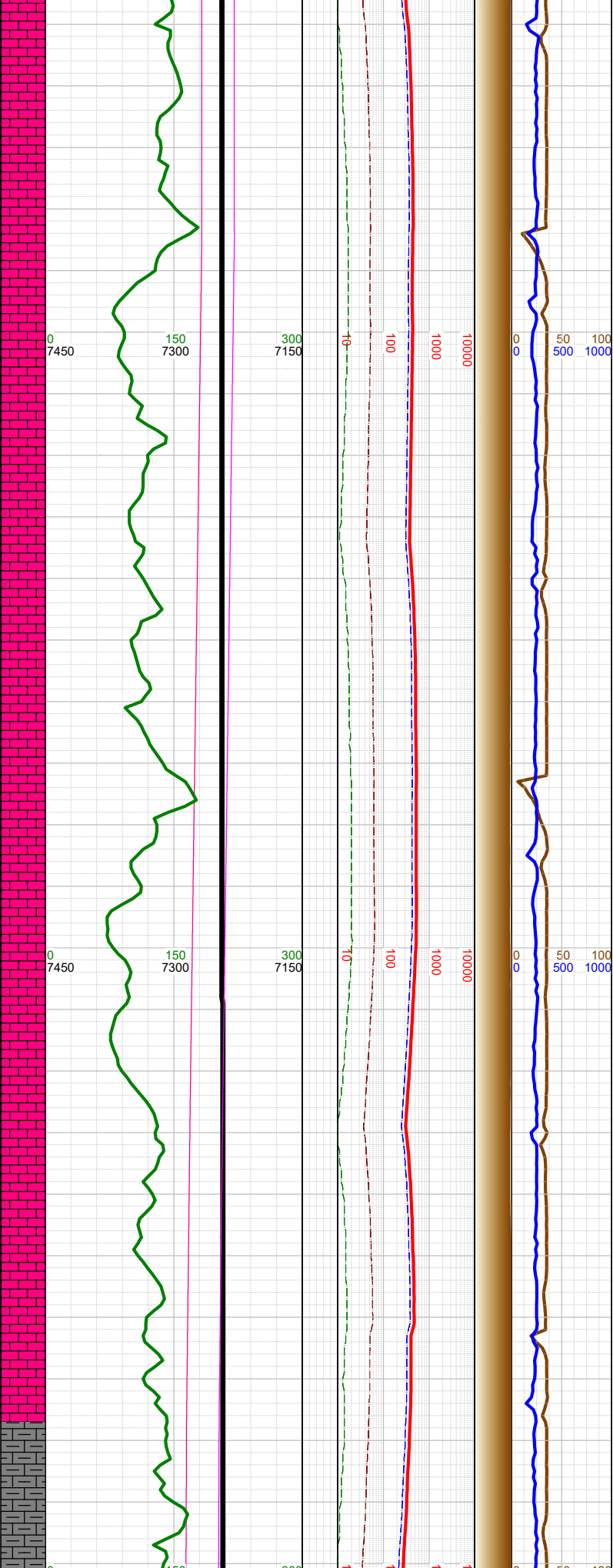


Σ	-15292 INC 90.09, AZM 91.01, TVD 7244.32	
Σ	-15310 WT 9.8, VIS 50	
Σ	-15382 INC 90.03, AZM 91.14, TVD 7244.22	
Σ	-15400 WT 9.8, VIS 50	
Σ	-15472 INC 90.09, AZM 90.92, TVD 7244.13	
Σ	-15500 WT 9.8, VIS 50	

-15500 CHK: lt-medgy, lt-medbrn, tr bf-tan, sft-sbfrm, sbbiky, mot, v calc, rthy lstr; MARL: drkgy-blk, sbbiky-sbply, mod sft-frm, mod calc, sl arg; rr pyr, tr bent, tr fos frags;



-15550  
-15560  
-15570  
-15580  
-15590  
-15600  
-15610  
-15620  
-15630  
-15640  
-15650  
-15660  
-15670  
-15680  
-15690  
-15700  
-15710  
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-15750  
-15760  
-15770  
-15780  
-15790  
-15800

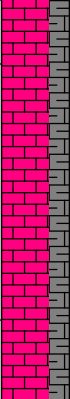


Σ

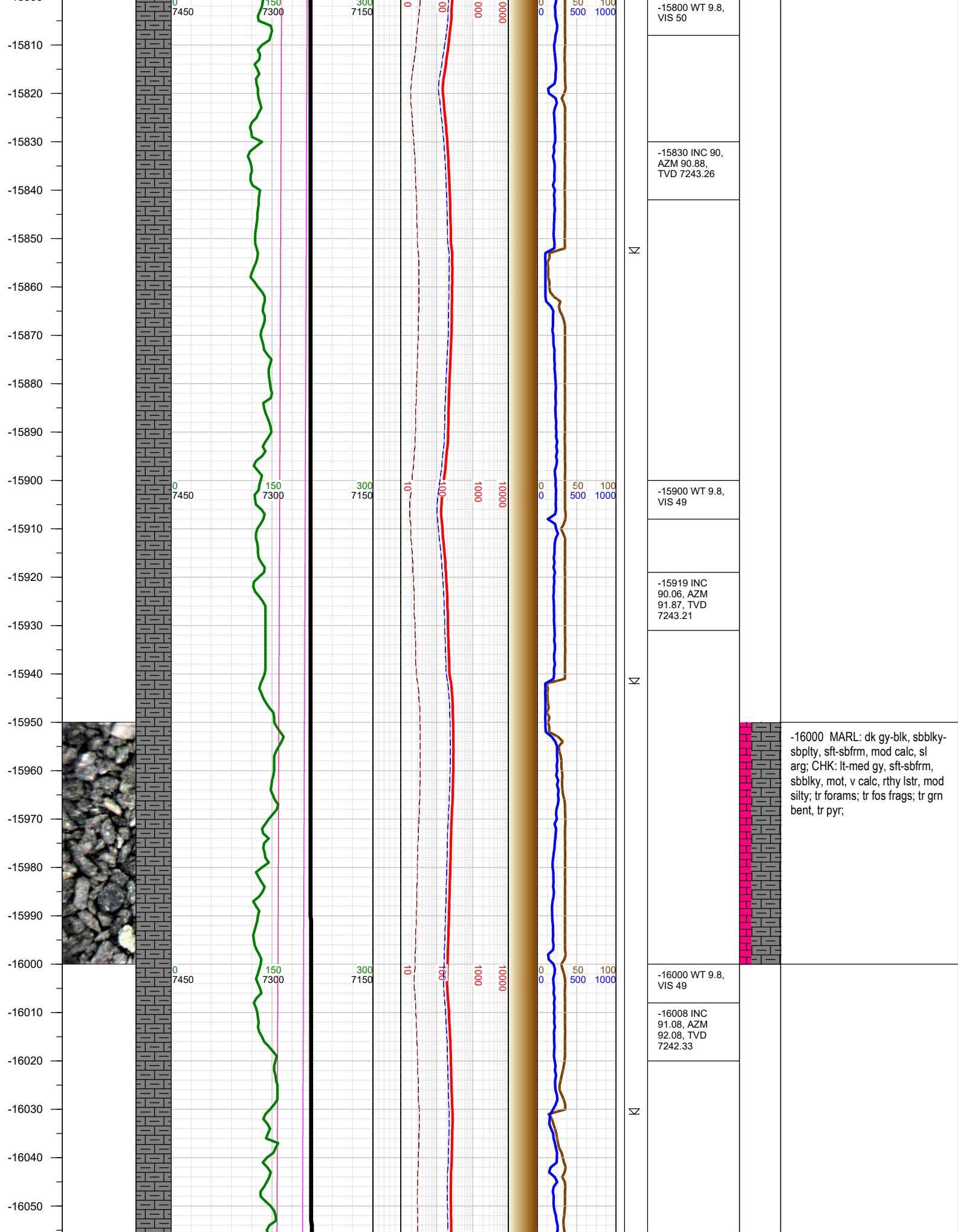
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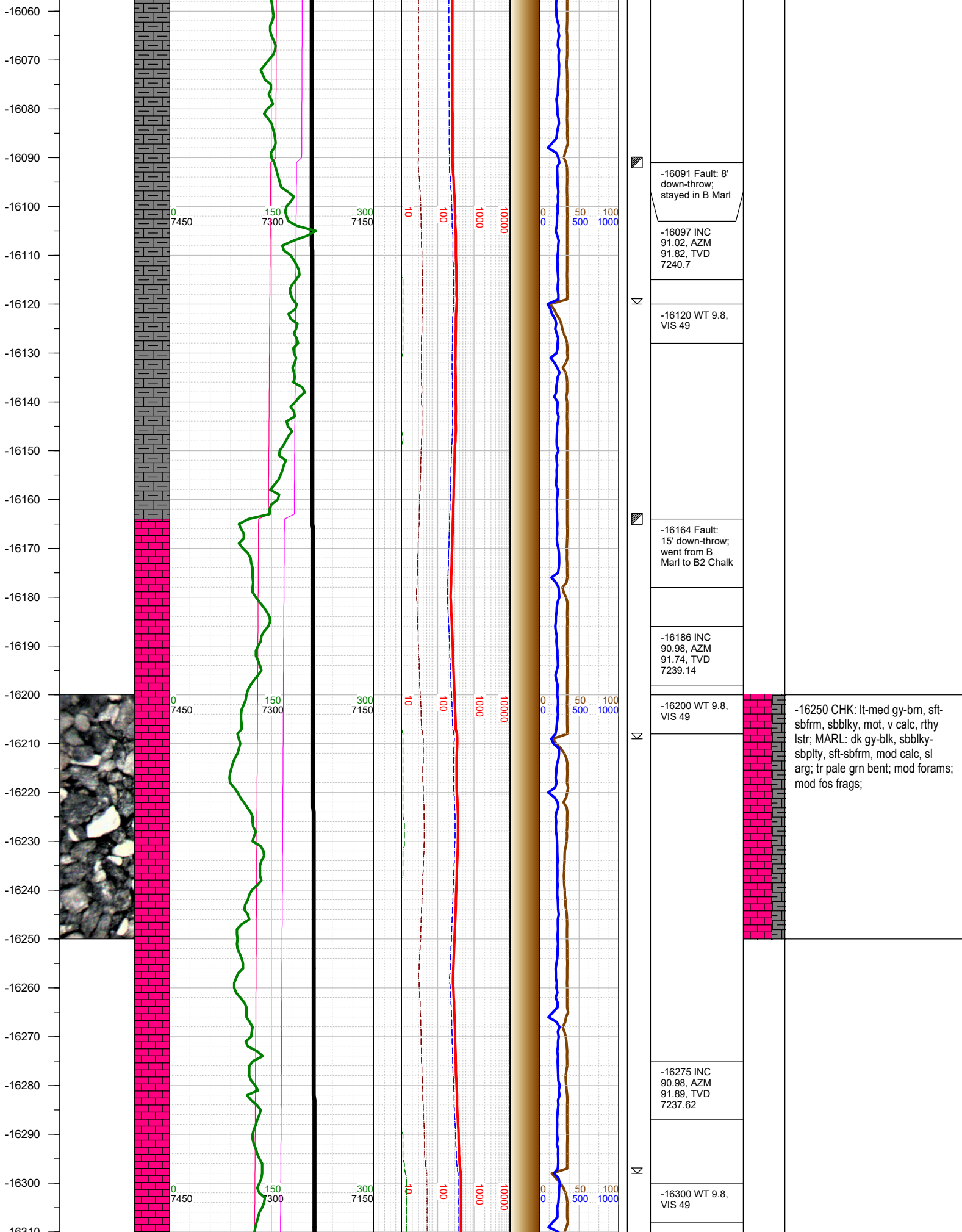
Σ

-15561 INC 90.15, AZM 90.85, TVD 7243.94	
-15600 WT 9.8, VIS 50	
-15650 INC 90.18, AZM 91.18, TVD 7243.68	
-15700 WT 9.8, VIS 50	
-15740 INC 90.18, AZM 91.09, TVD 7243.4	



-15750 CHK: lt-medgy, lt-medbrn, tr bf-tan, sft-sbfrm, sbbkly, mot, v calc, rthy lstr; MARL: drkgy-blk, sbbkly-sbply, mod sft-firm, mod calc, sl arg; rr pyr, tr bent, tr fos frags;





-16091 Fault: 8' down-throw; stayed in B Marl

-16097 INC  
91.02, AZM  
91.82, TVD  
7240.7

-16120 WT 9.8,  
VIS 49

-16164 Fault:  
15' down-throw;  
went from B  
Marl to B2 Chalk

-16186 INC  
90.98, AZM  
91.74, TVD  
7239.14

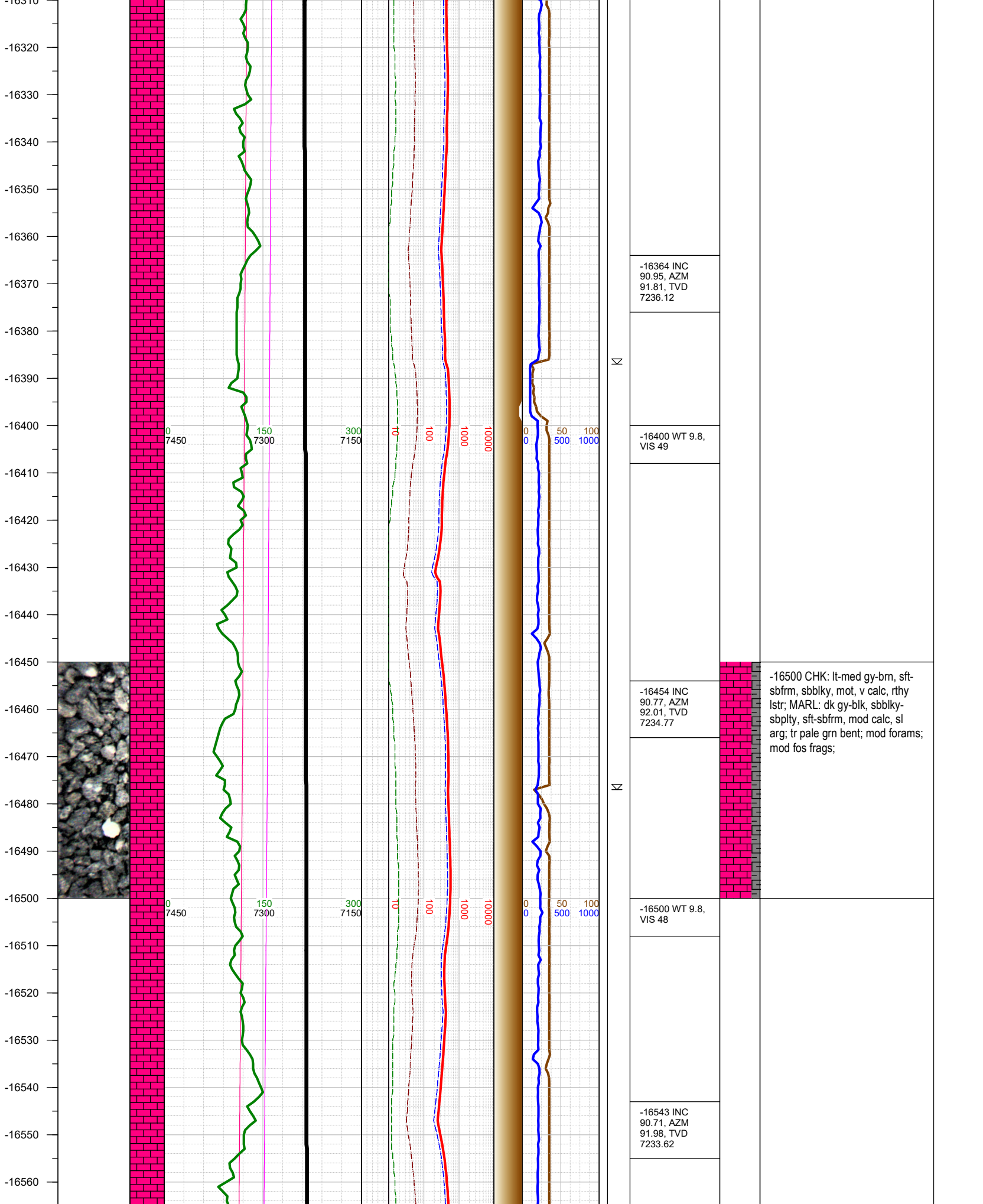
-16200 WT 9.8,  
VIS 49

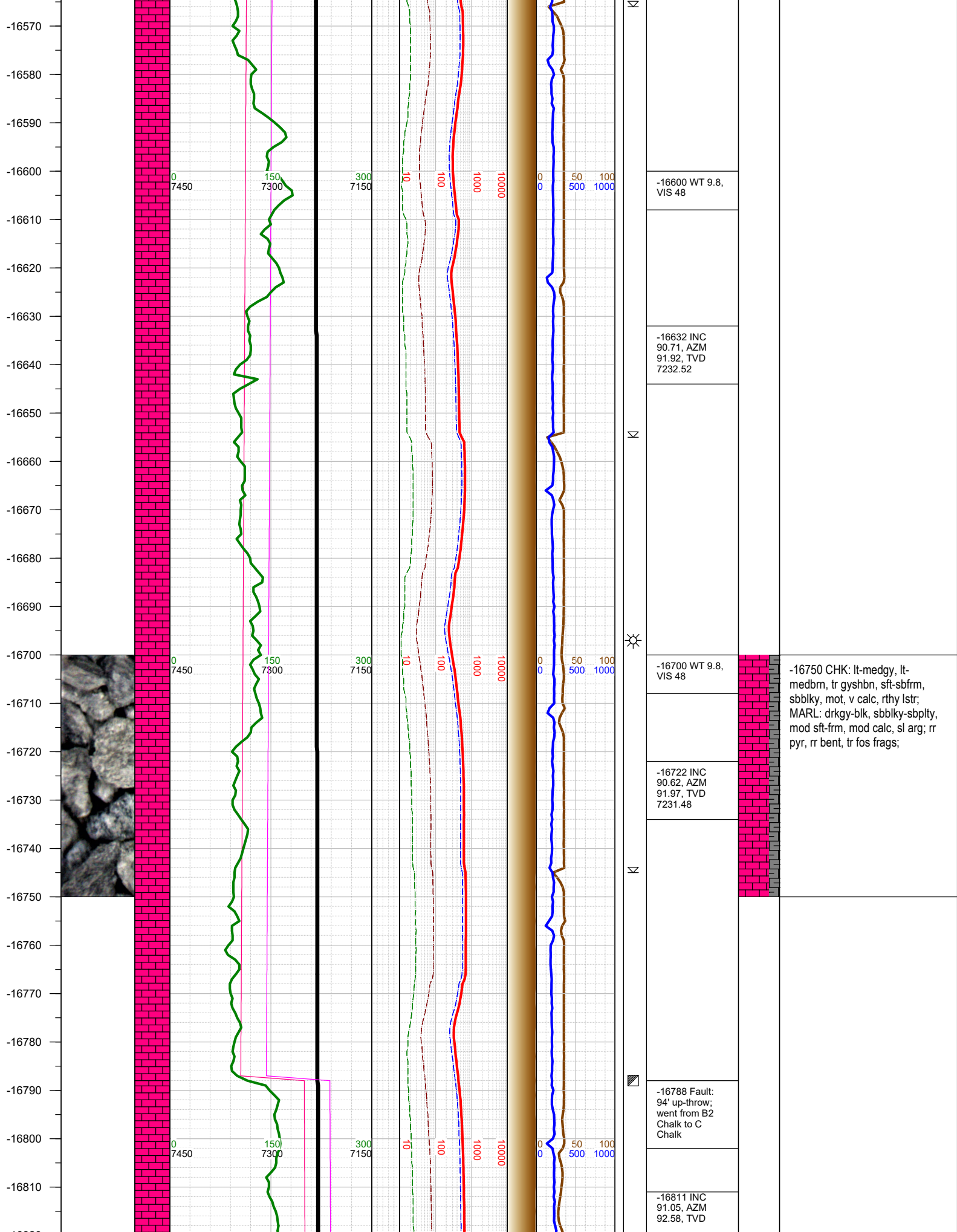
-16250 CHK: lt-med gy-brn, sft-sbfrm, sbbly, mot, v calc, rthy lstr; MARL: dk gy-blk, sbbly-sbply, sft-sbfrm, mod calc, sl arg; tr pale grn bent; mod forams; mod fos frags;

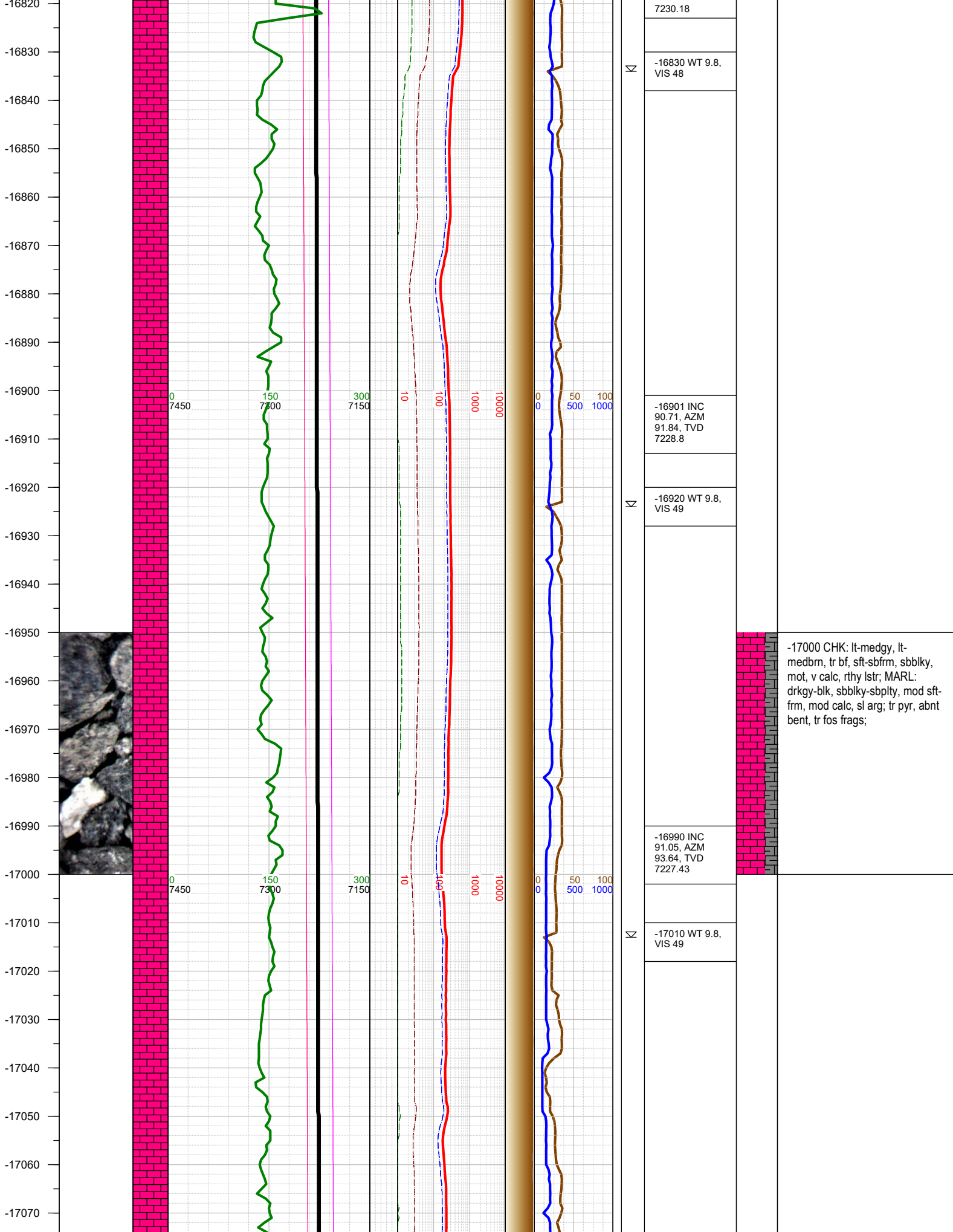
-16275 INC  
90.98, AZM  
91.89, TVD  
7237.62

-16300 WT 9.8,  
VIS 49

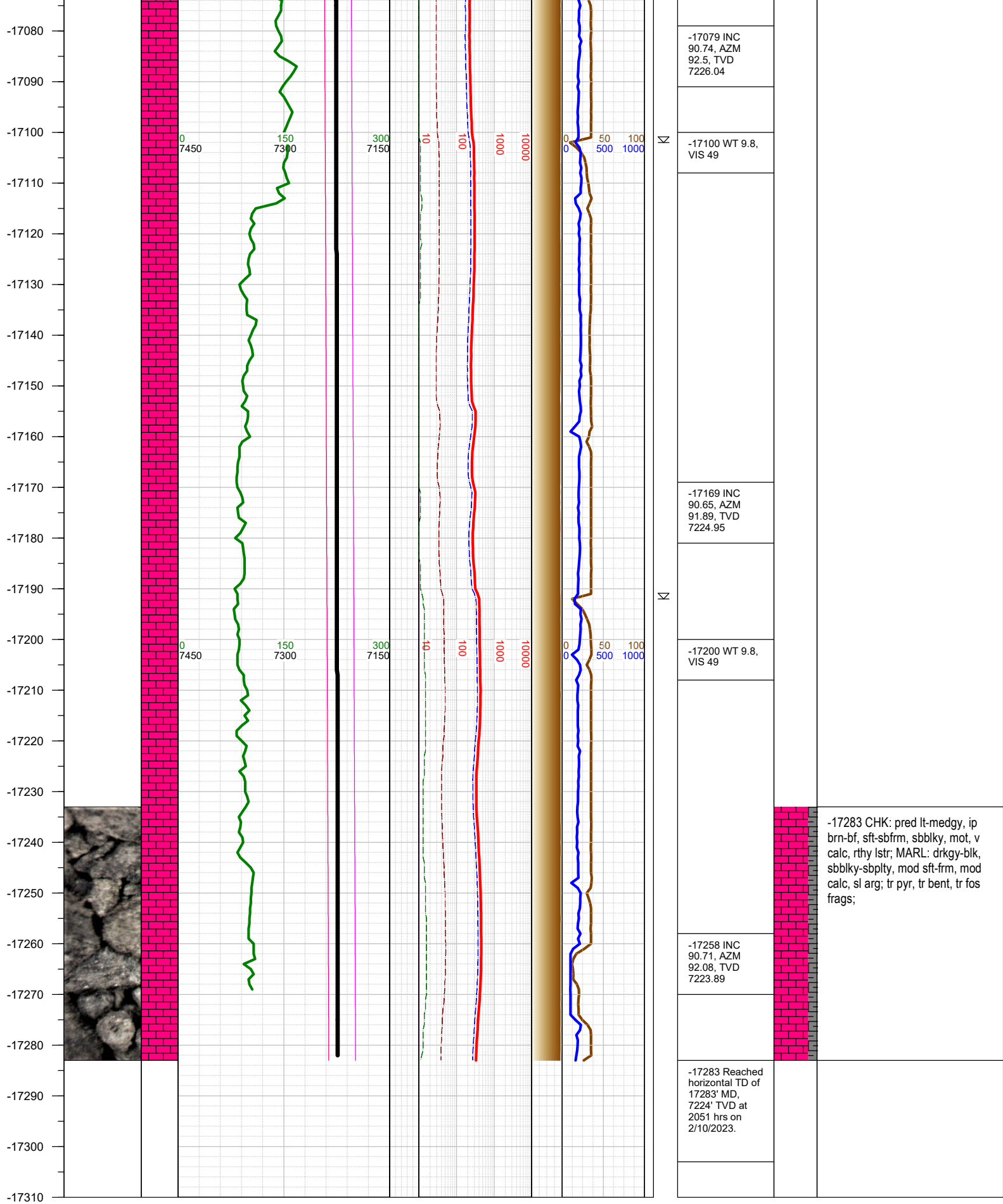












TOTAL DEPTH = 17283'

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