

OPERATOR: **Extraction Oil & Gas**

WELL NAME: **VT LDS 5-16-18**

FIELD NAME: DJ Basin - Wattenberg

DRILLING RIG: Patterson 901

API #: 05-123-44416

LAT/LONG: 40.40127, -104.65706

SURFACE HOLE: SWNW S15-T5N-R65W, 1901' FNL, 507' FWL

BOTTOM HOLE: S18-T5N-R65W, 2002' FNL, 460' FWL



Earth Science Agency, LLC

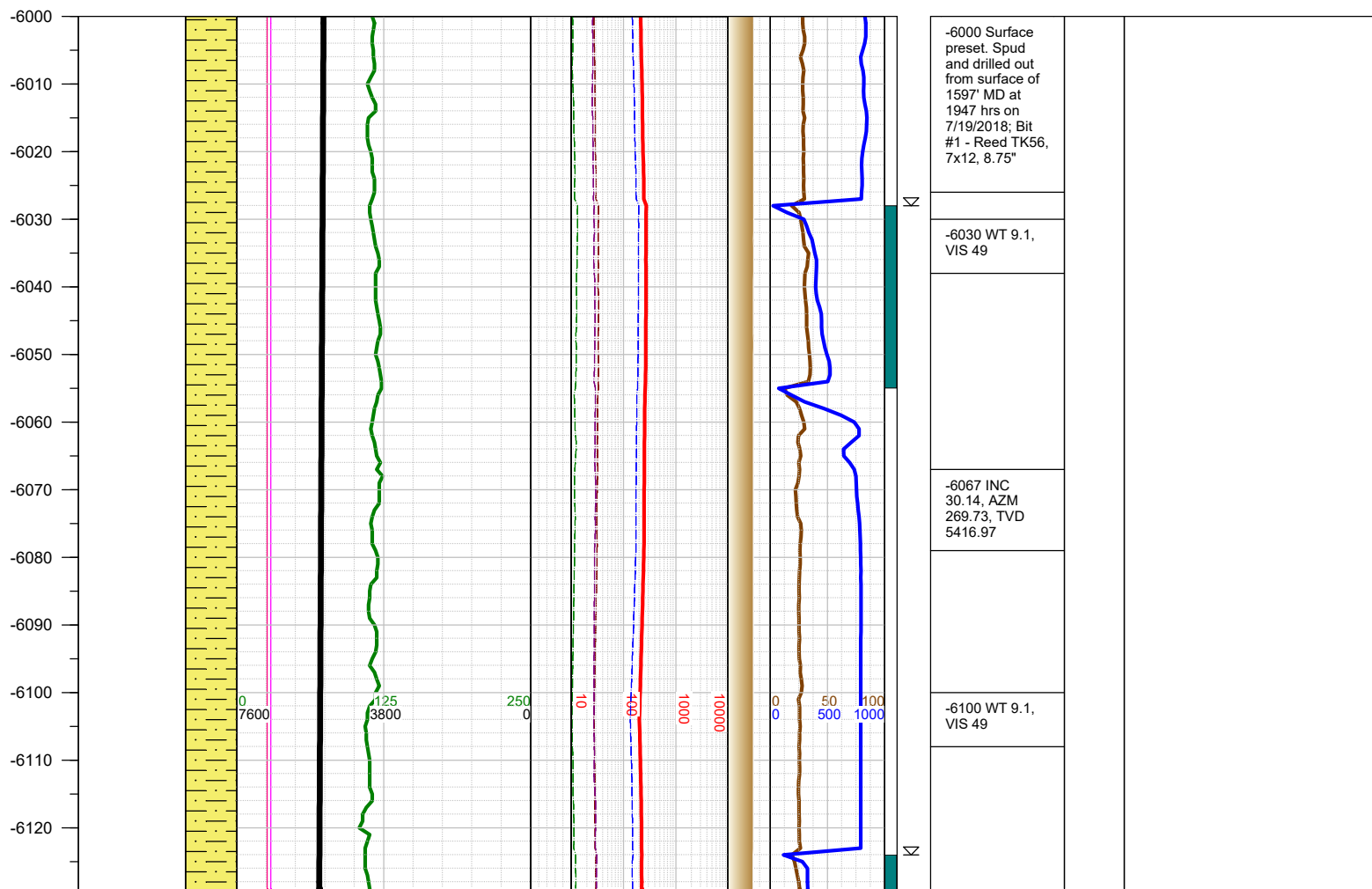
COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 4648'
KELLY BUSHING: 4677'
DRILLING FLUID: OBM
TVD VS. MD: 6748' / 20160'
SPUD DATE: July 19, 2018
TD DATE: July 22, 2018

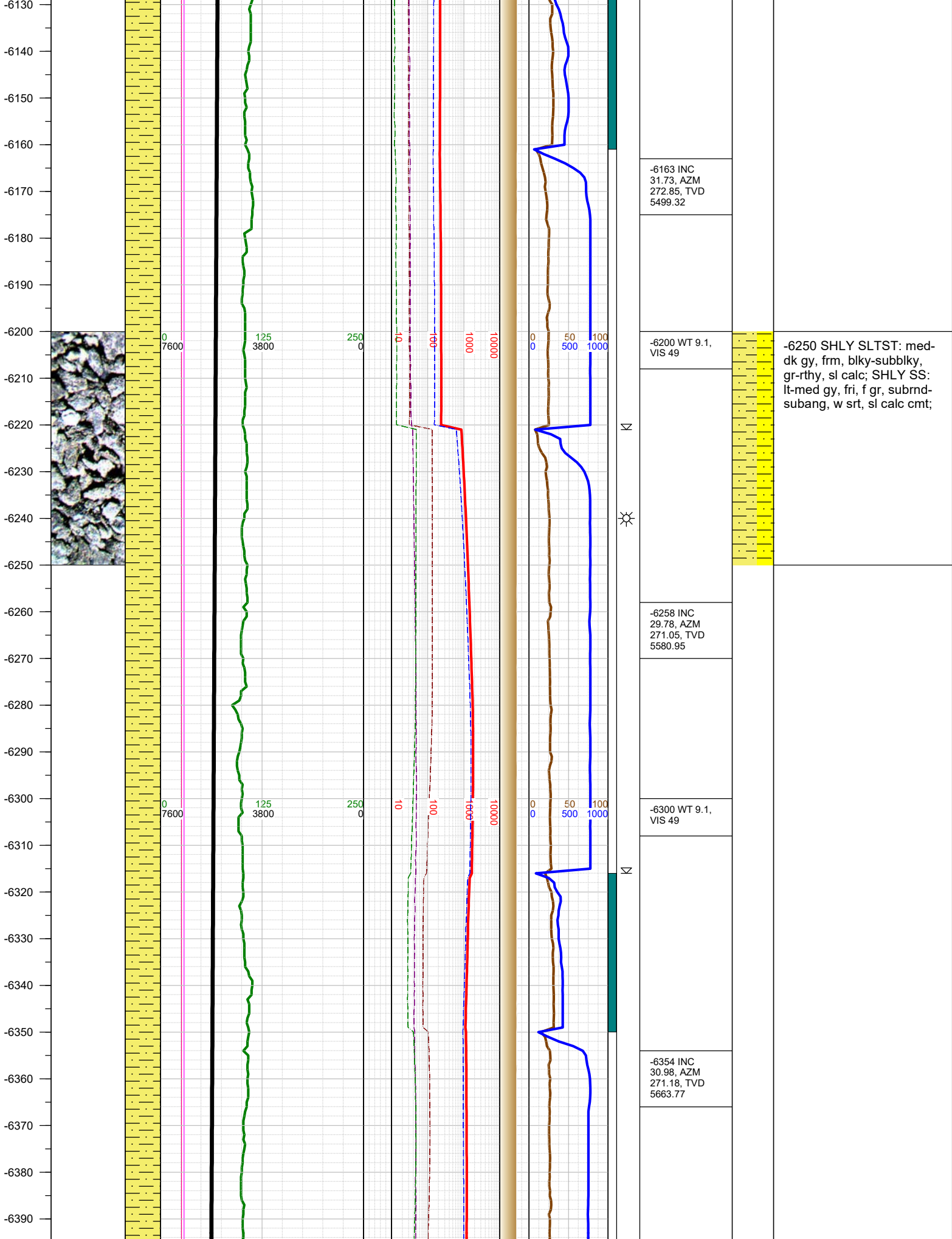
DEPTHS LOGGED: 6000' - 20160'
DATES LOGGED: July 20, 2018 - July 22, 2018
GEOLOGISTS: Blake Eatherton, Dan Jacobs
SCALE: 5" = 100'

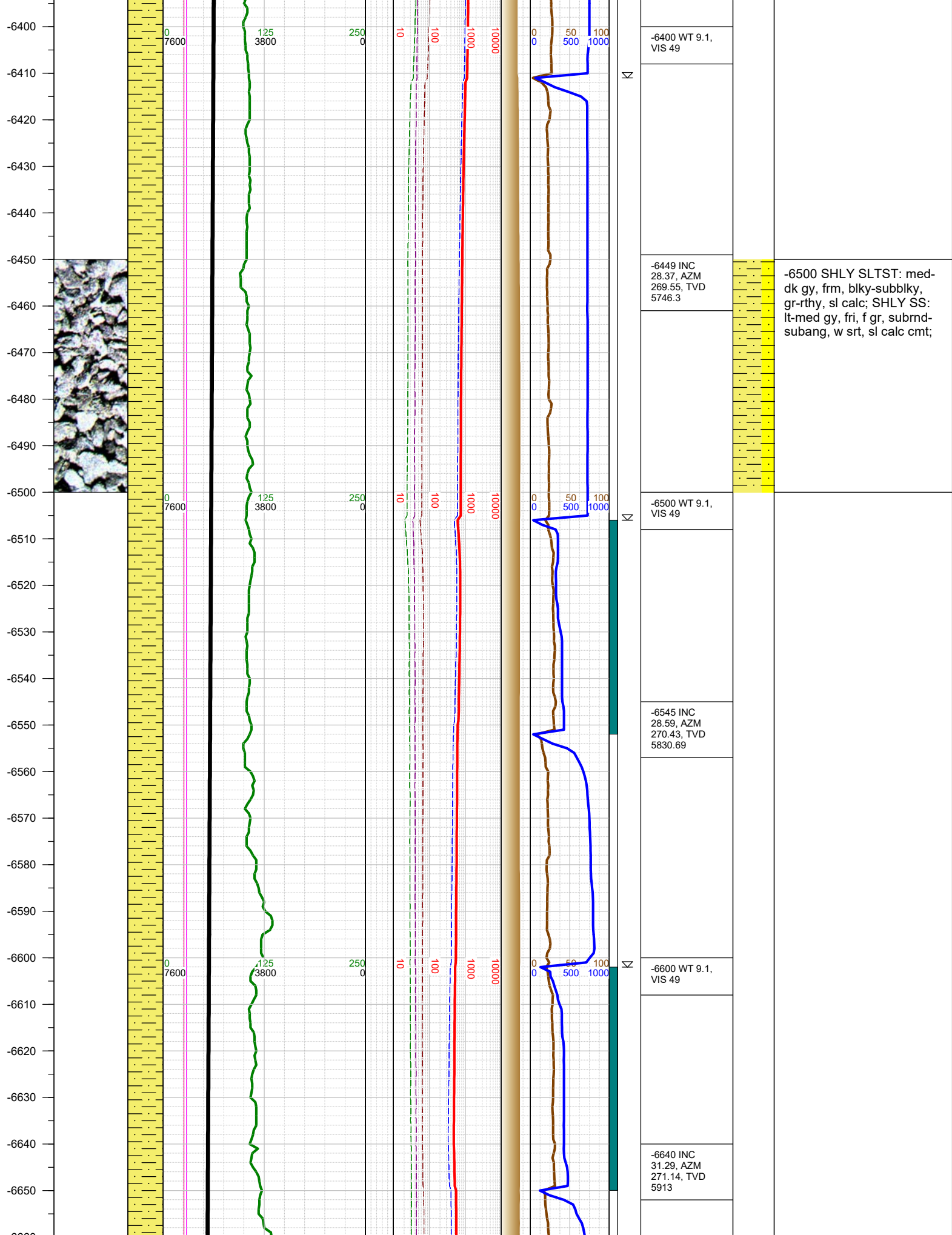
LEGEND

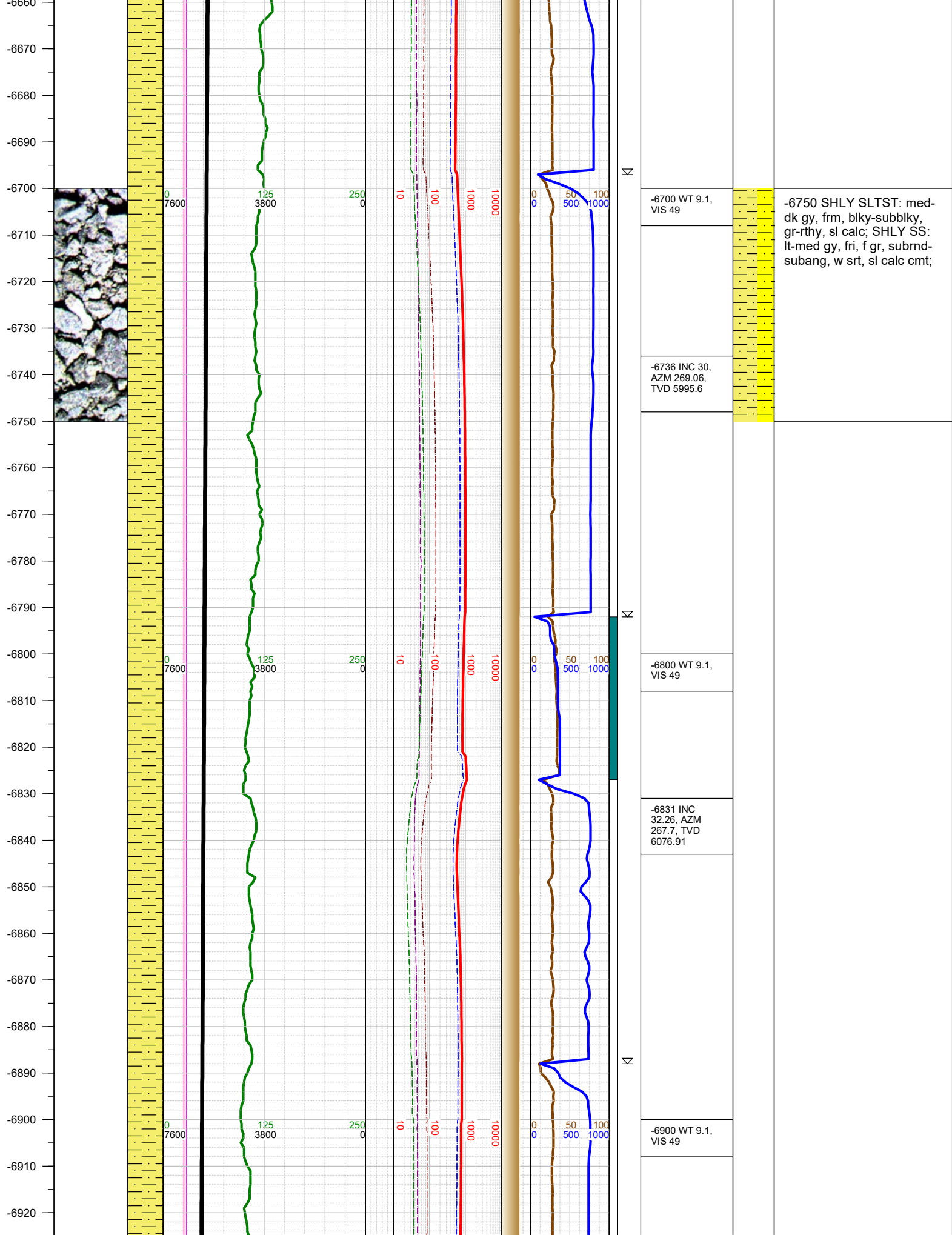


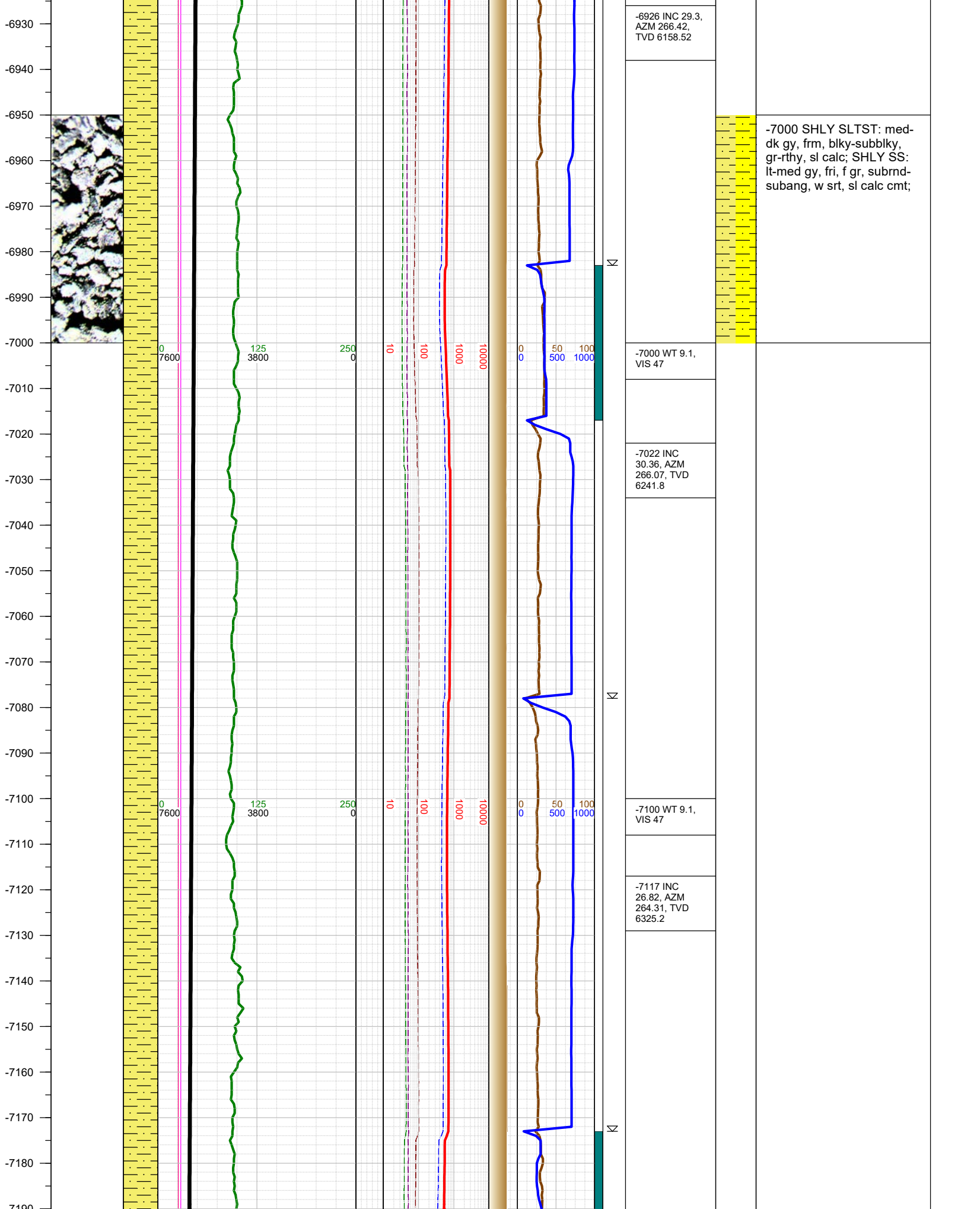
FORMATION CONNECTION MIDNIGHT NEW BIT GAS SHOW FAULT

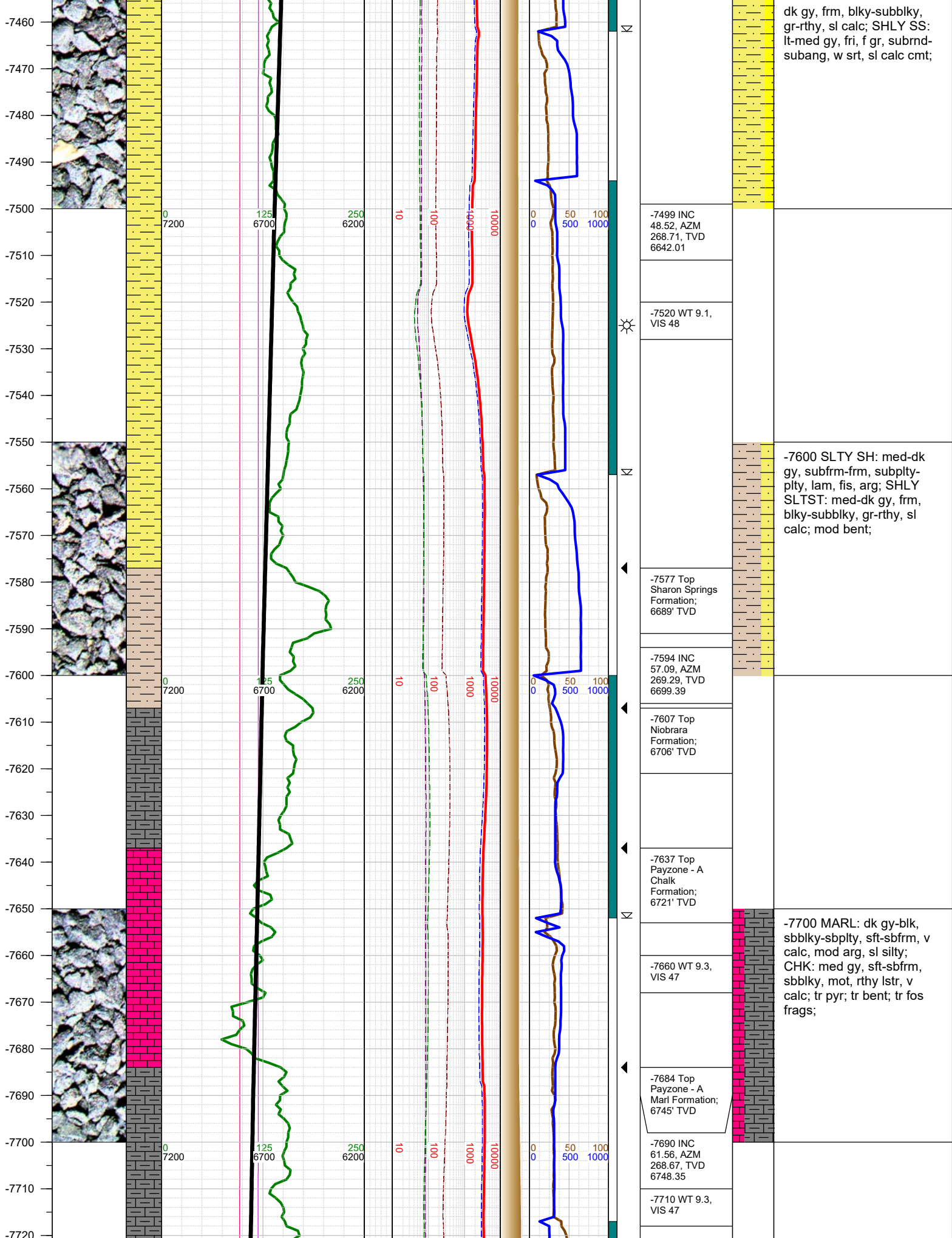


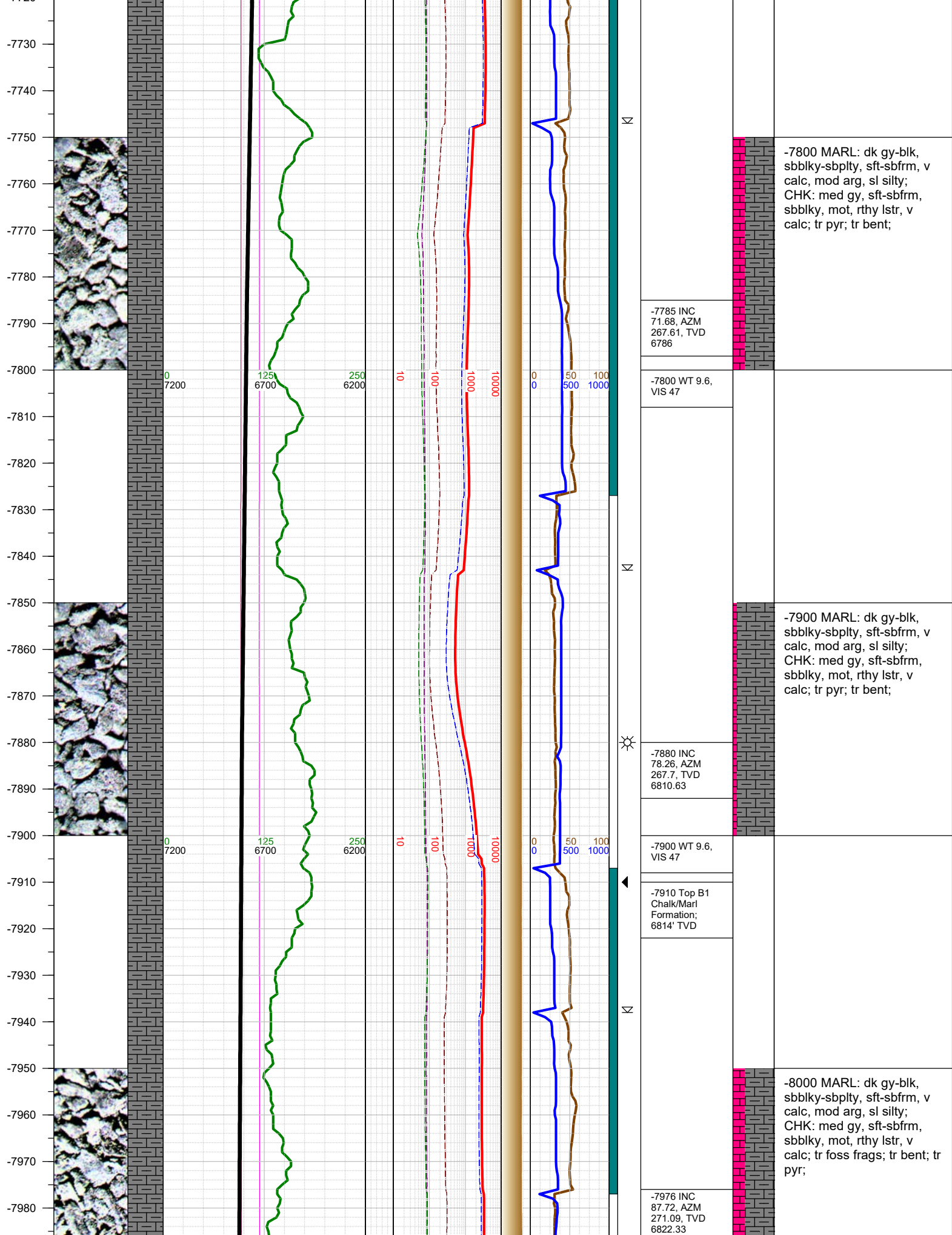


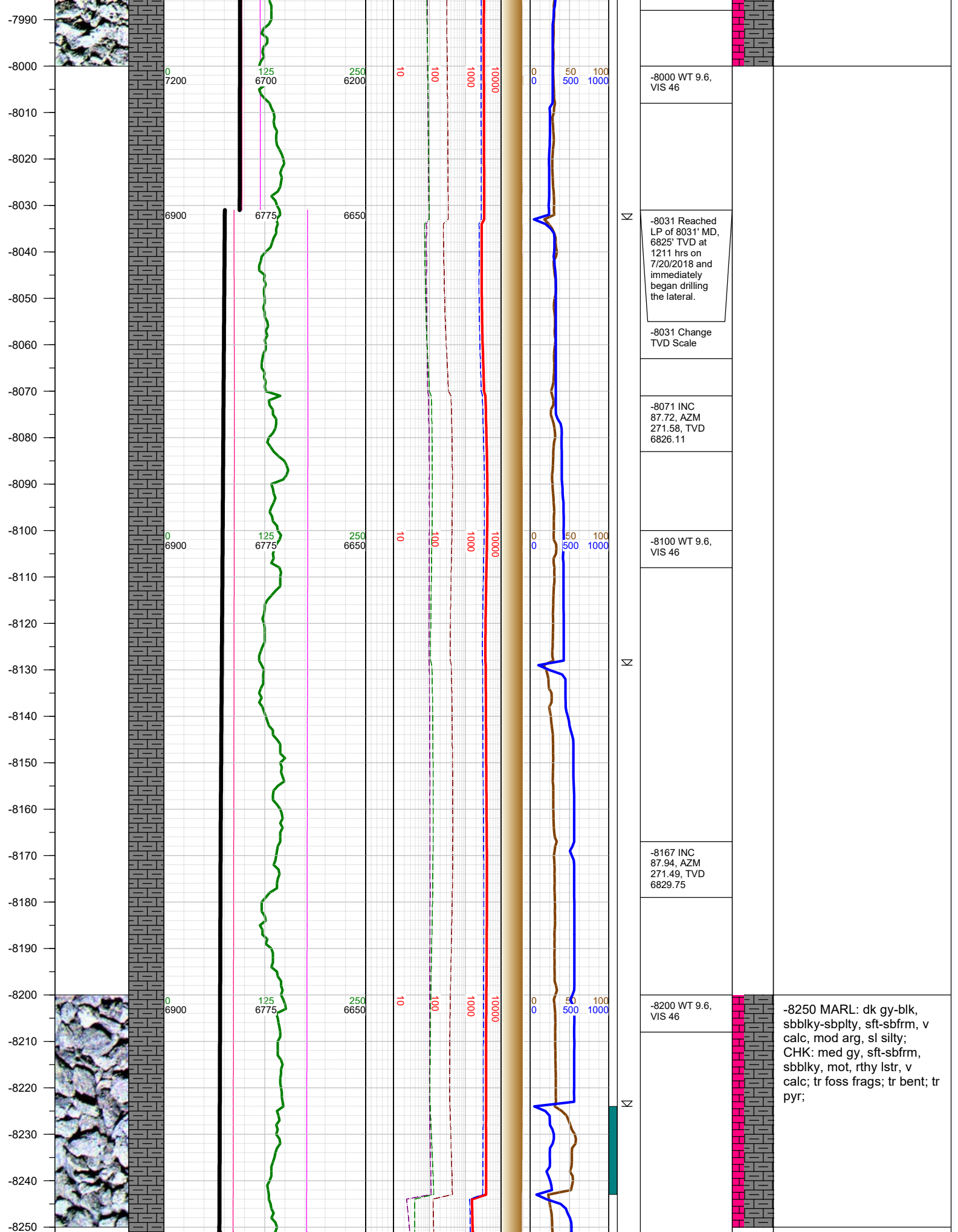


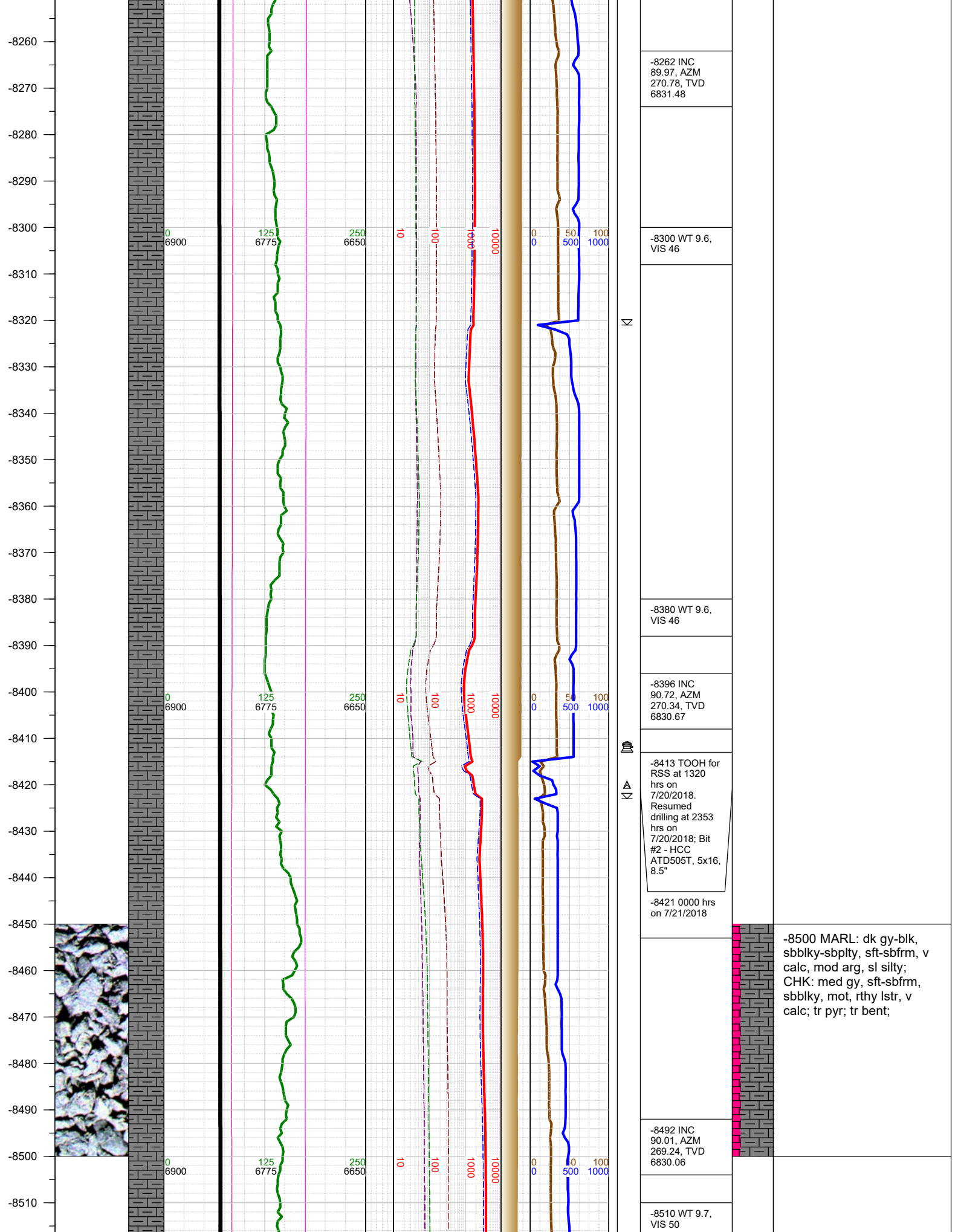




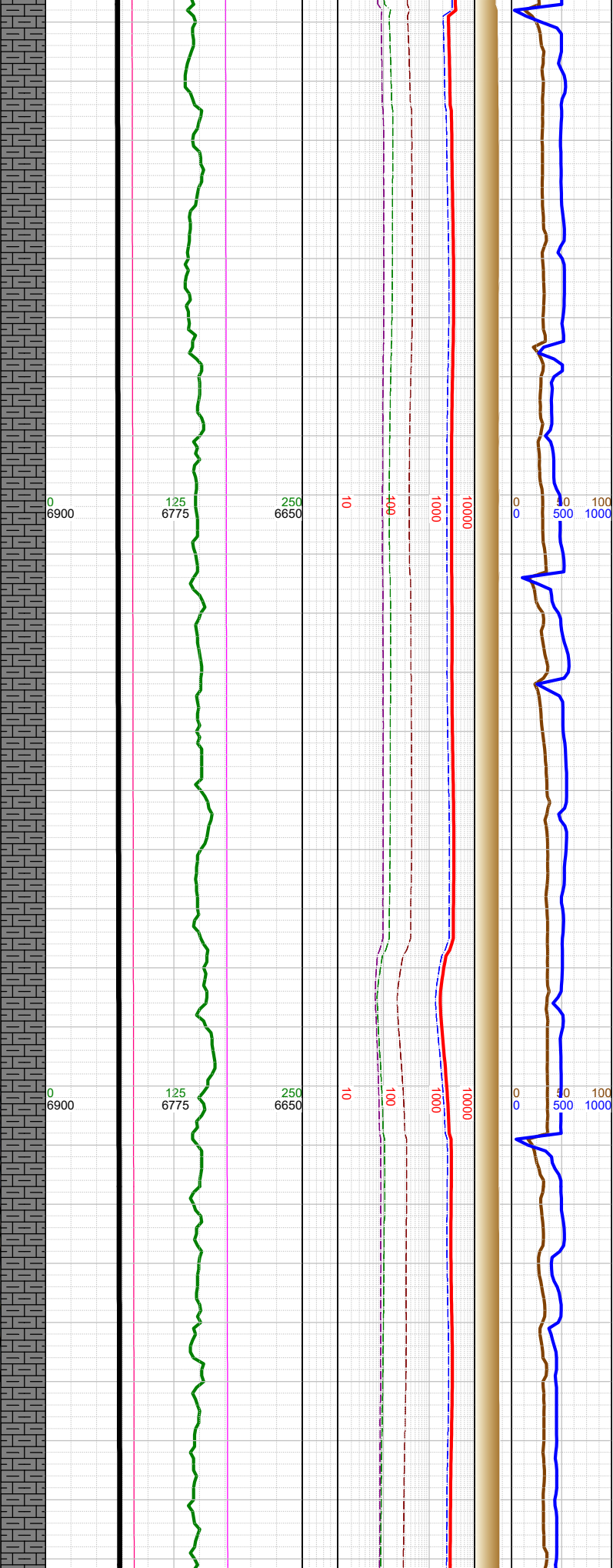
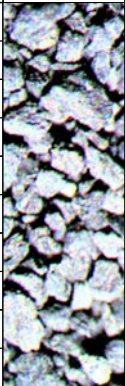




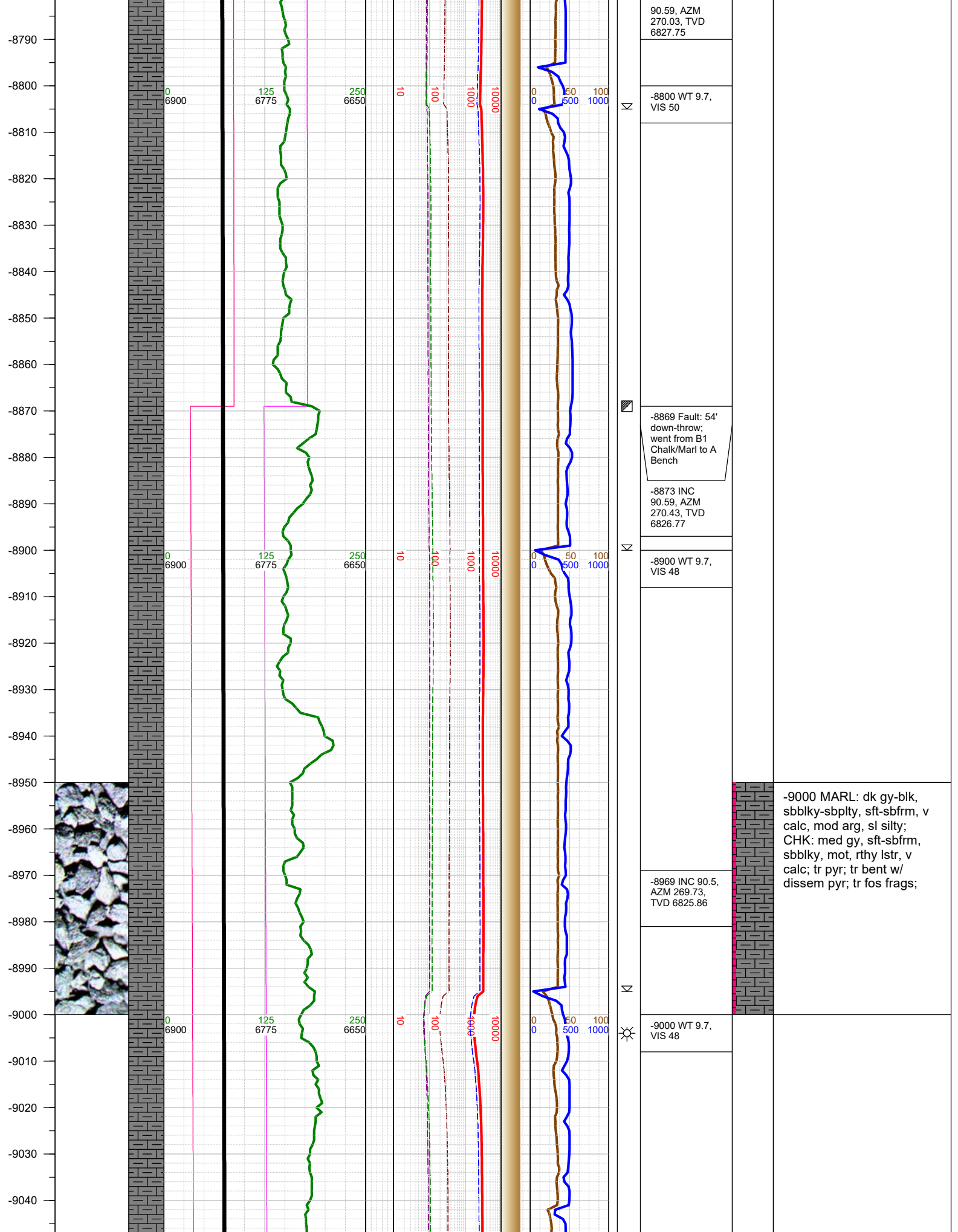




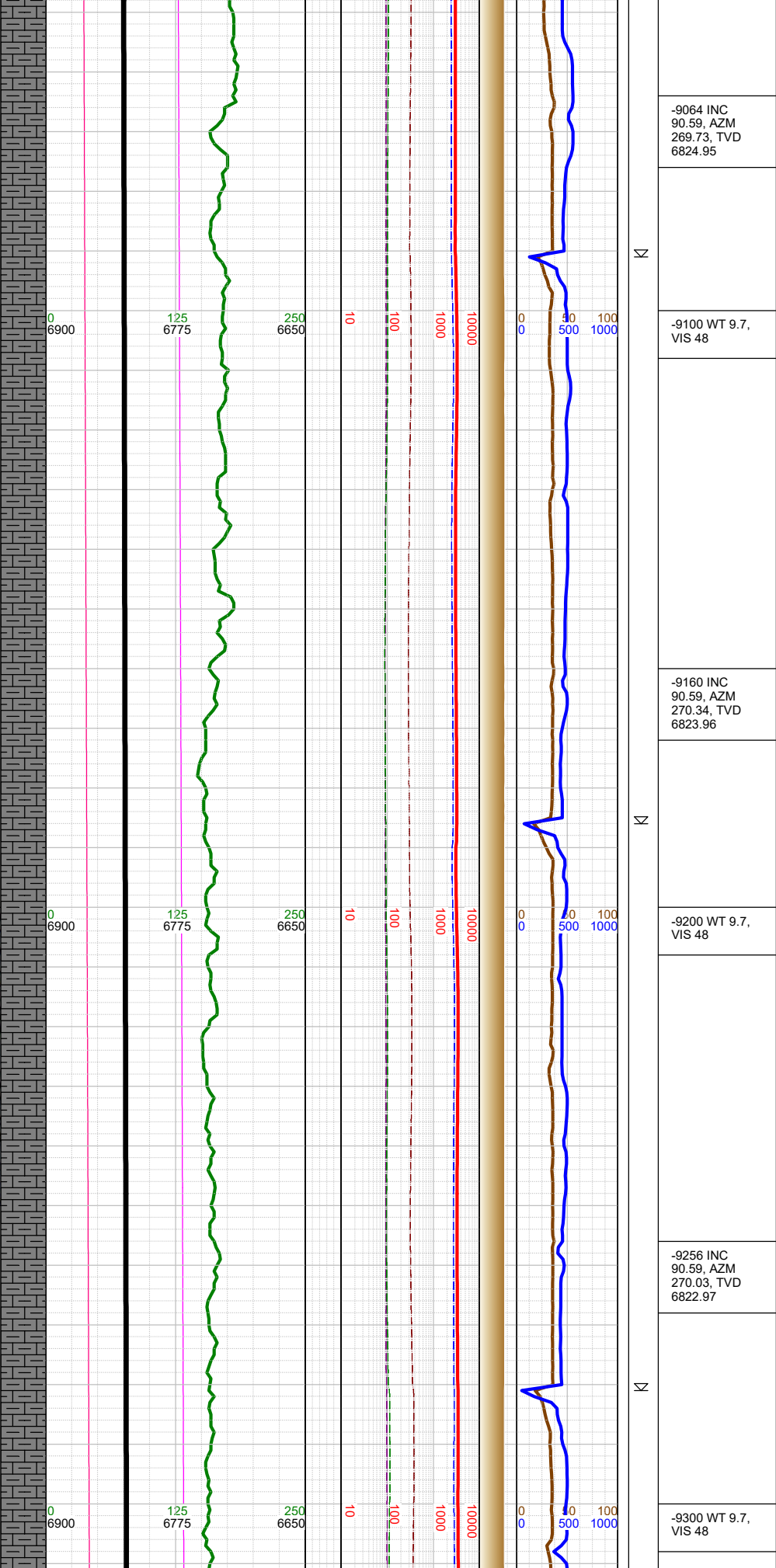
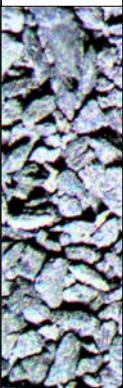
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	-8587 INC 90.59, AZM 269.42, TVD 6829.56		
	-8600 WT 9.7, VIS 50		
N			
	-8683 INC 90.5, AZM 269.33, TVD 6828.65		
	-8700 WT 9.7, VIS 50		
N			-8750 MARL: dk gy-blk, sbbly-sbply, sft-sbfrm, v calc, mod arg, sl silty; CHK: med gy, sft-sbfrm, sbbly, mot, rthy lstr, v calc; tr pyr; tr bent;
	-8778 INC		



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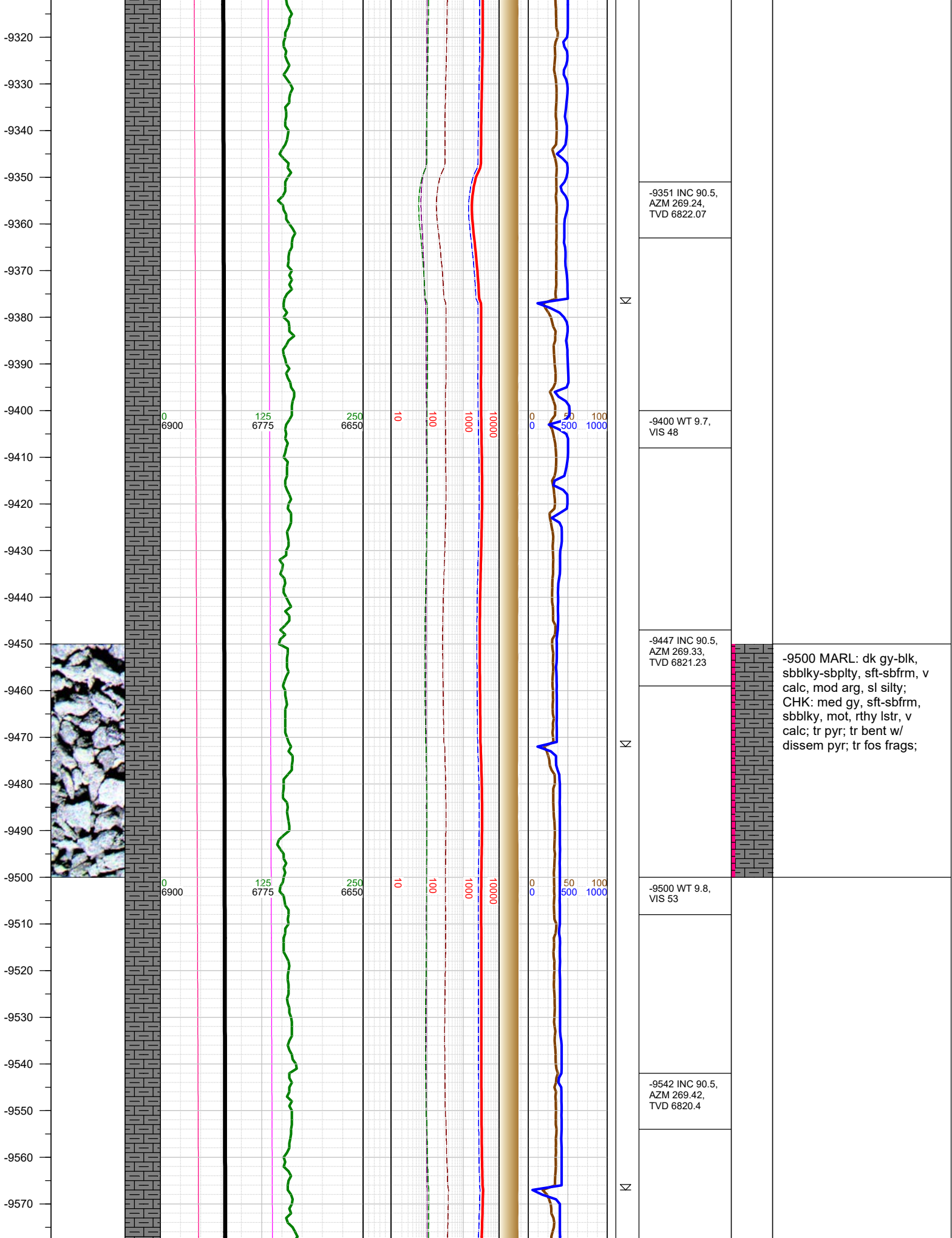
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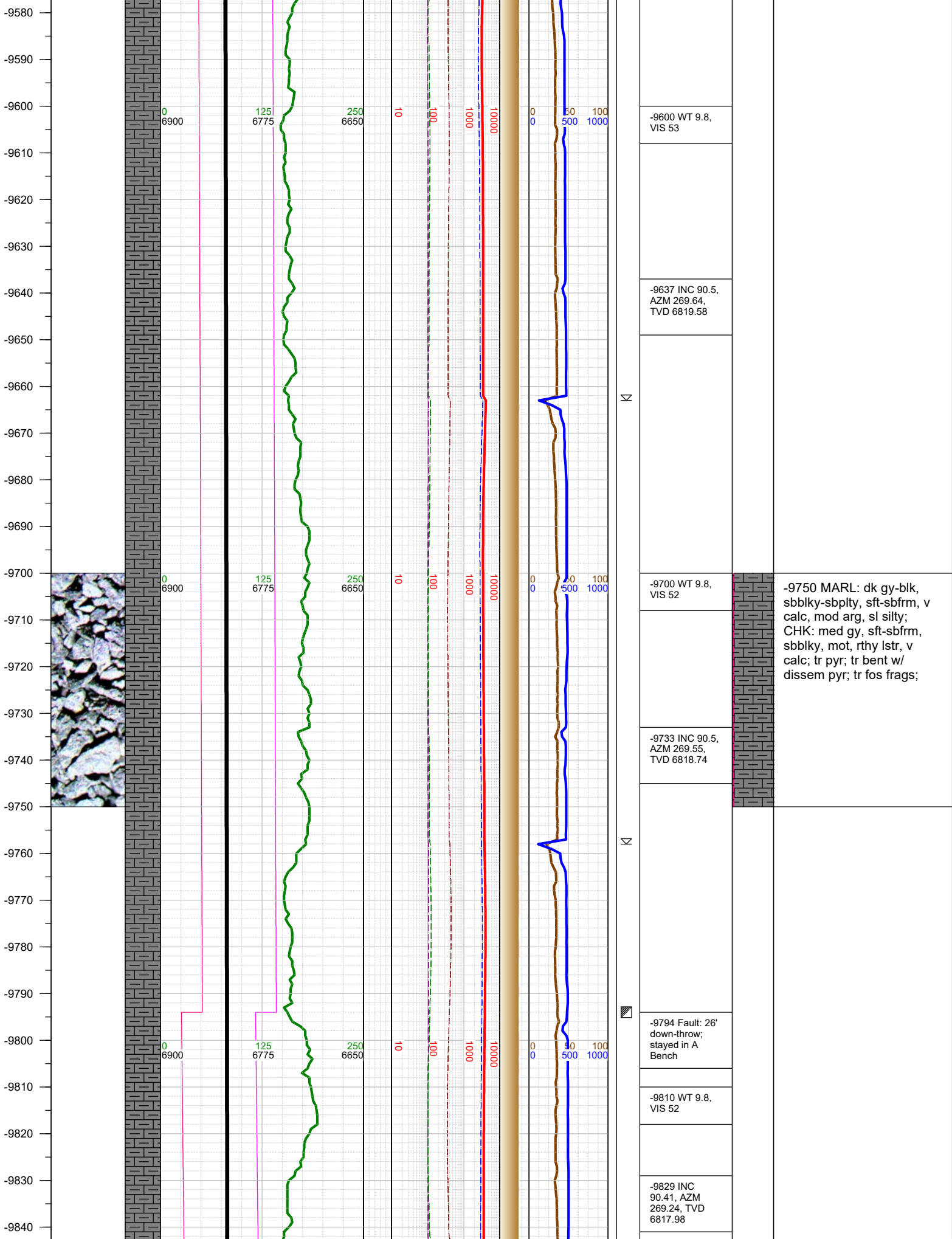
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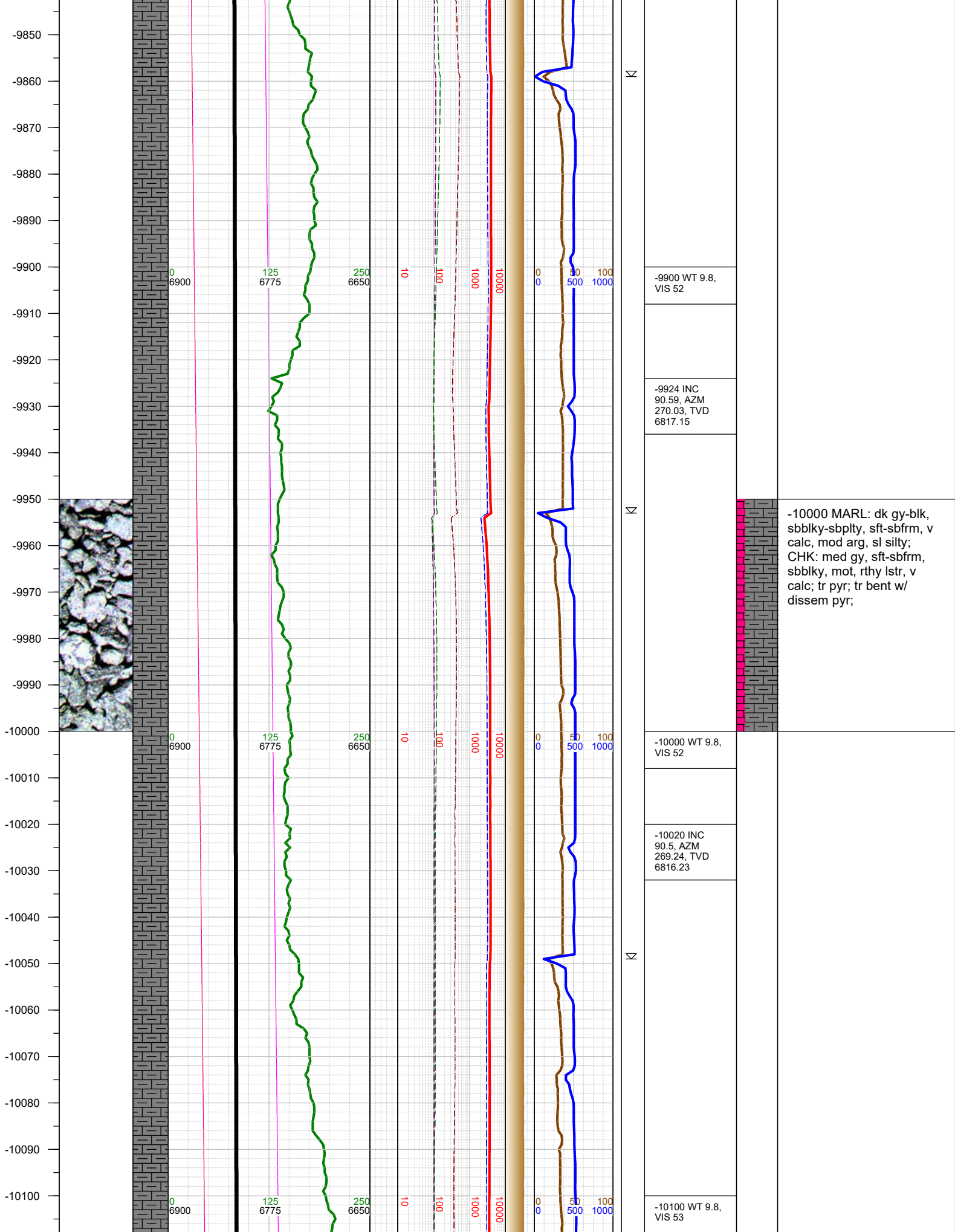
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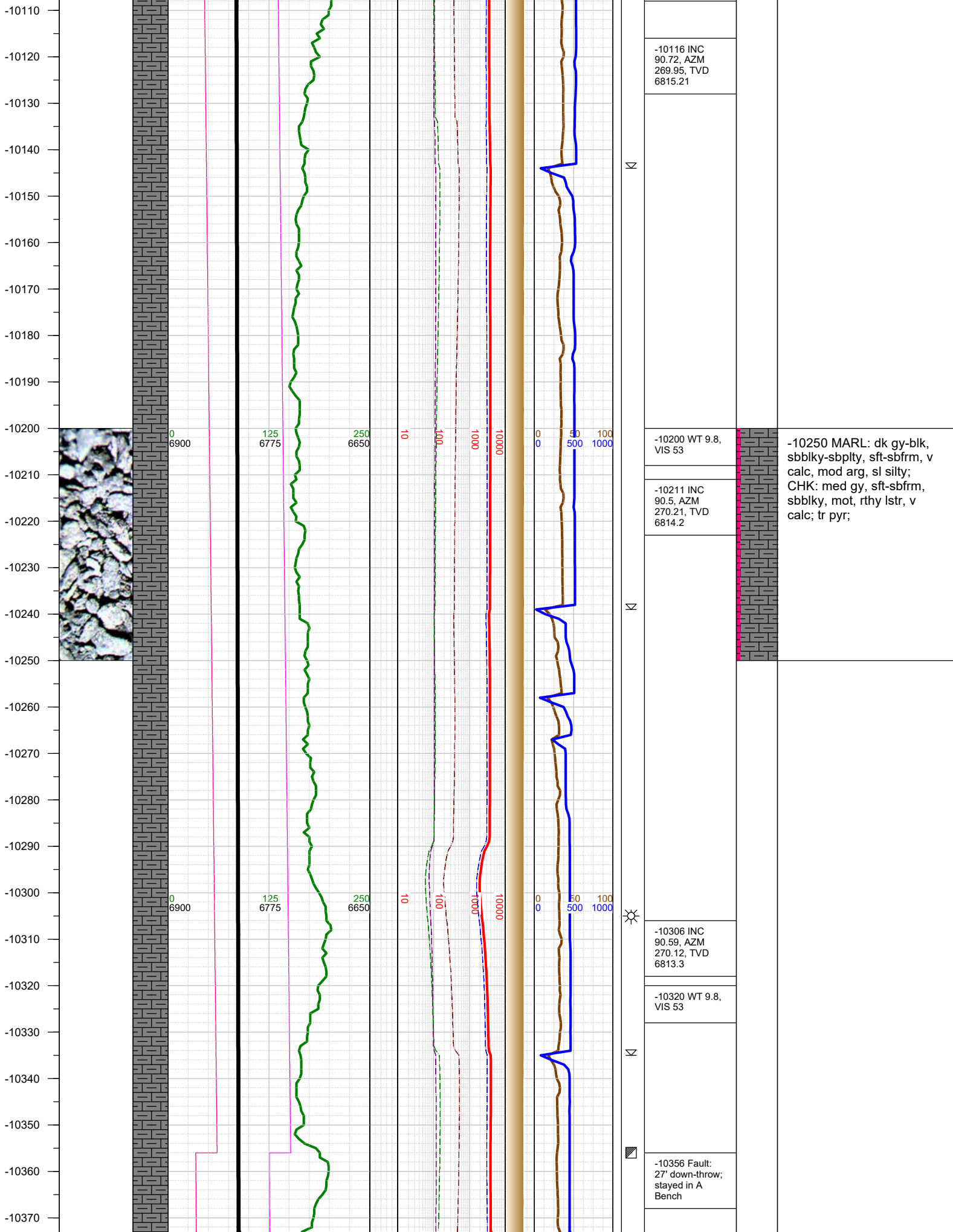
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calc, mod arg, sl silty;
CHK: med gy, sft-sbfrm,
sbbly, mot, rthy lstr, v
calc; tr pyr; tr bent w/
dissem pyr; tr fos frags;









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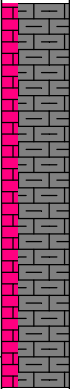
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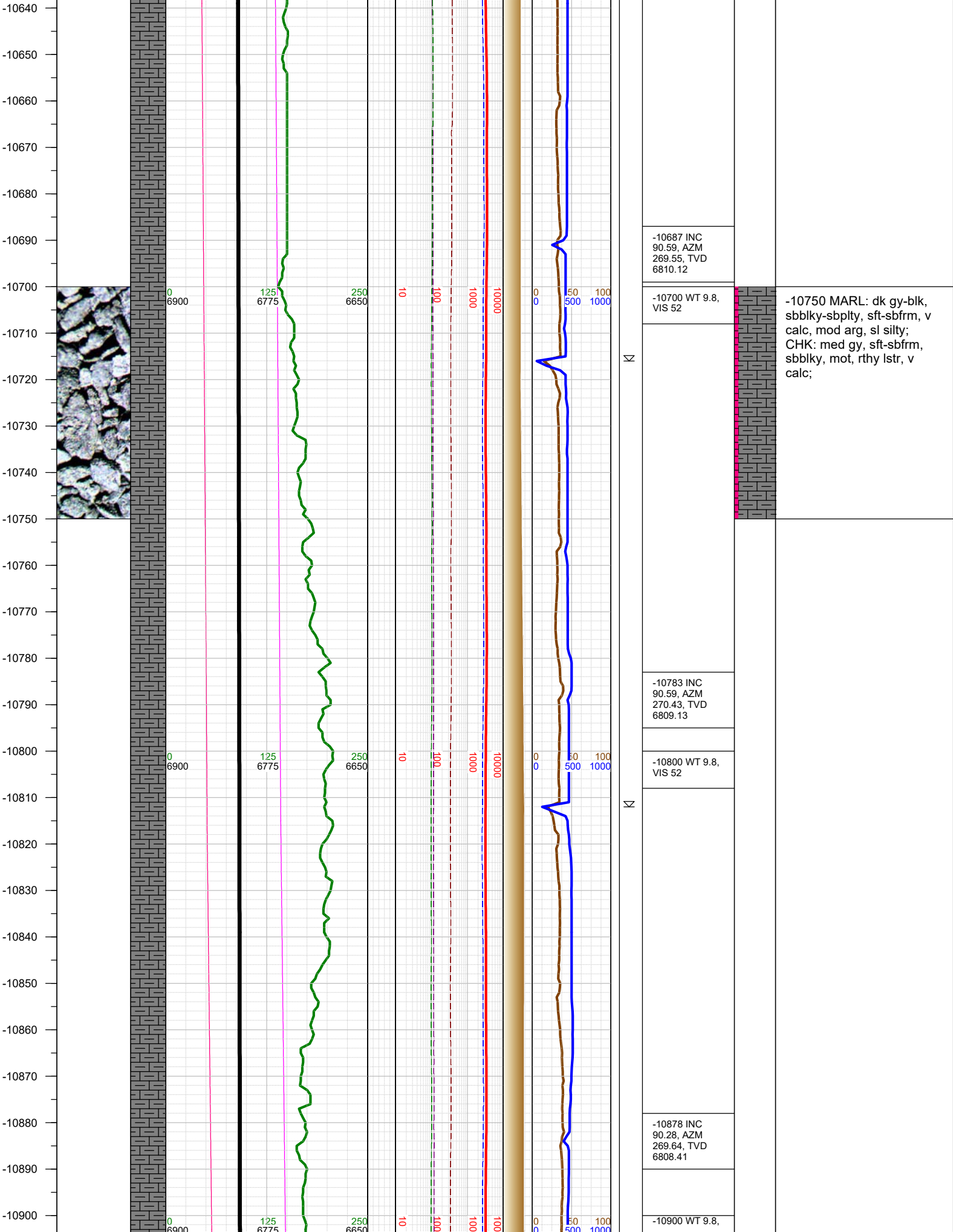
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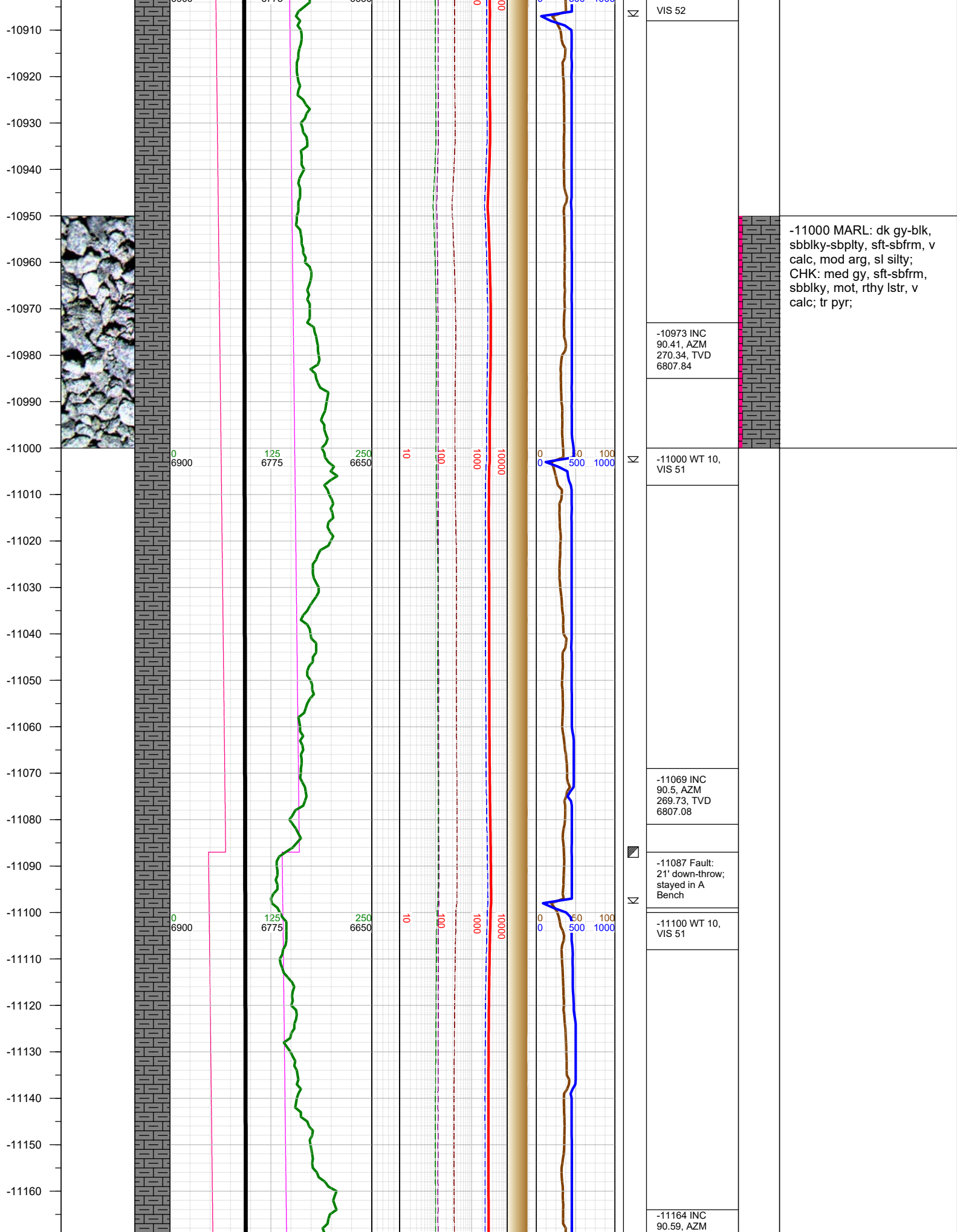
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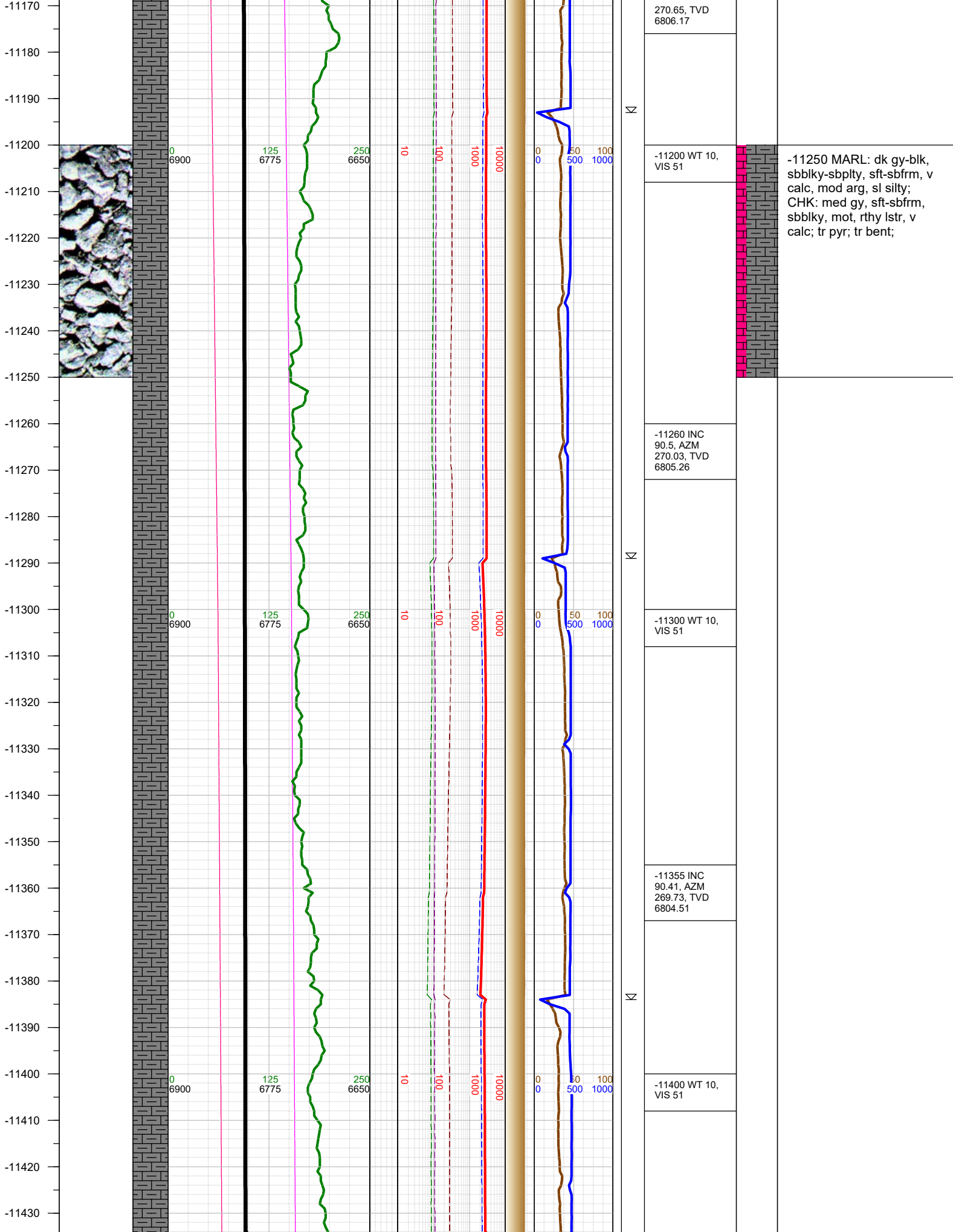
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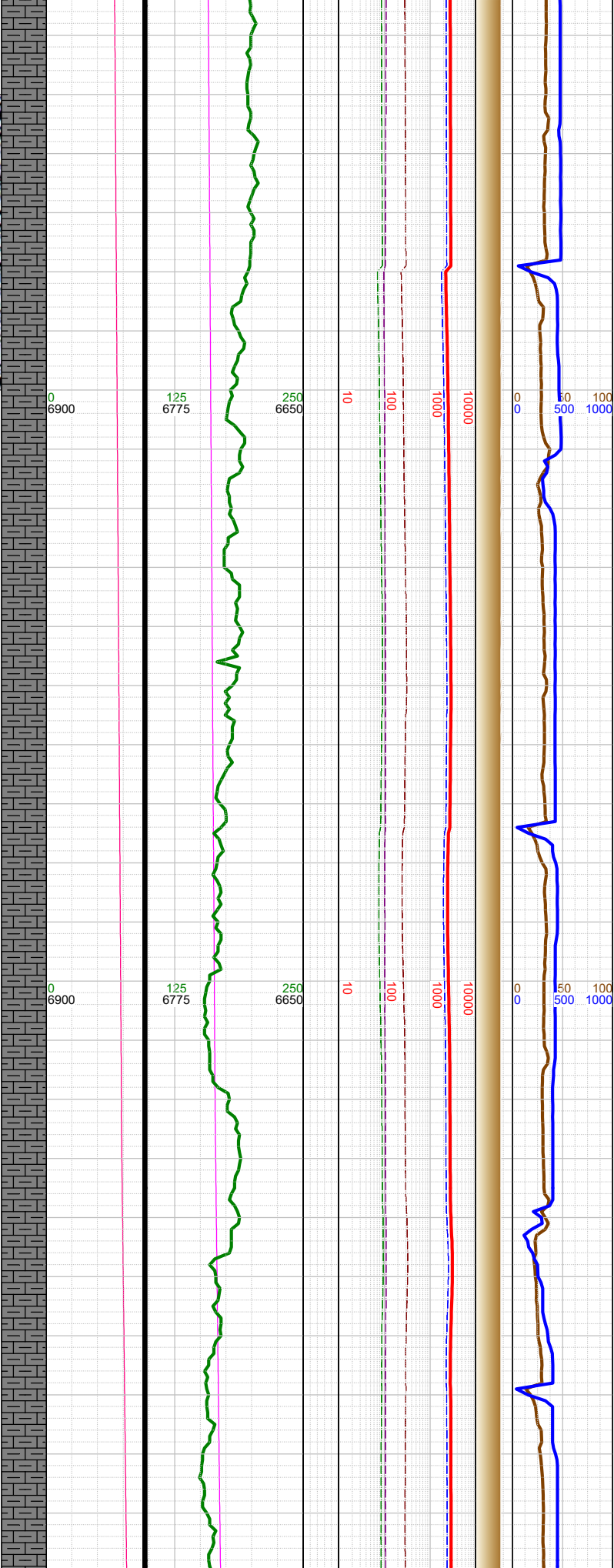
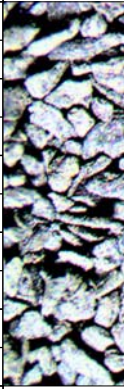
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CHK: med gy, sft-sbfrm,
sbbiky, mot, rthy lstr, v
calc; tr pyr; tr bent w/
dissem pyr;







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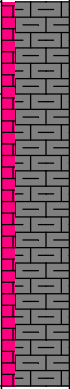
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272.33, TVD
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-11500 WT 10,
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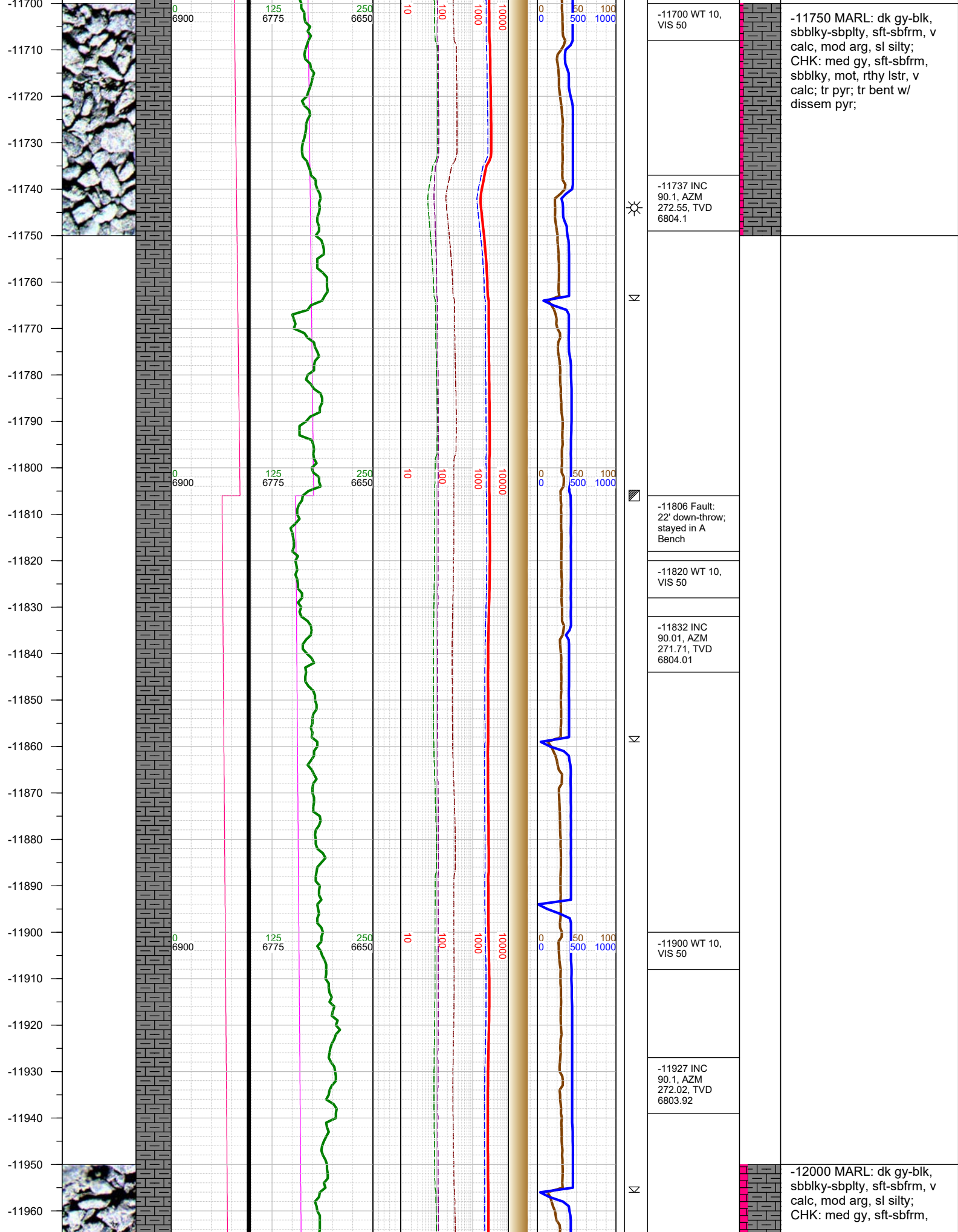
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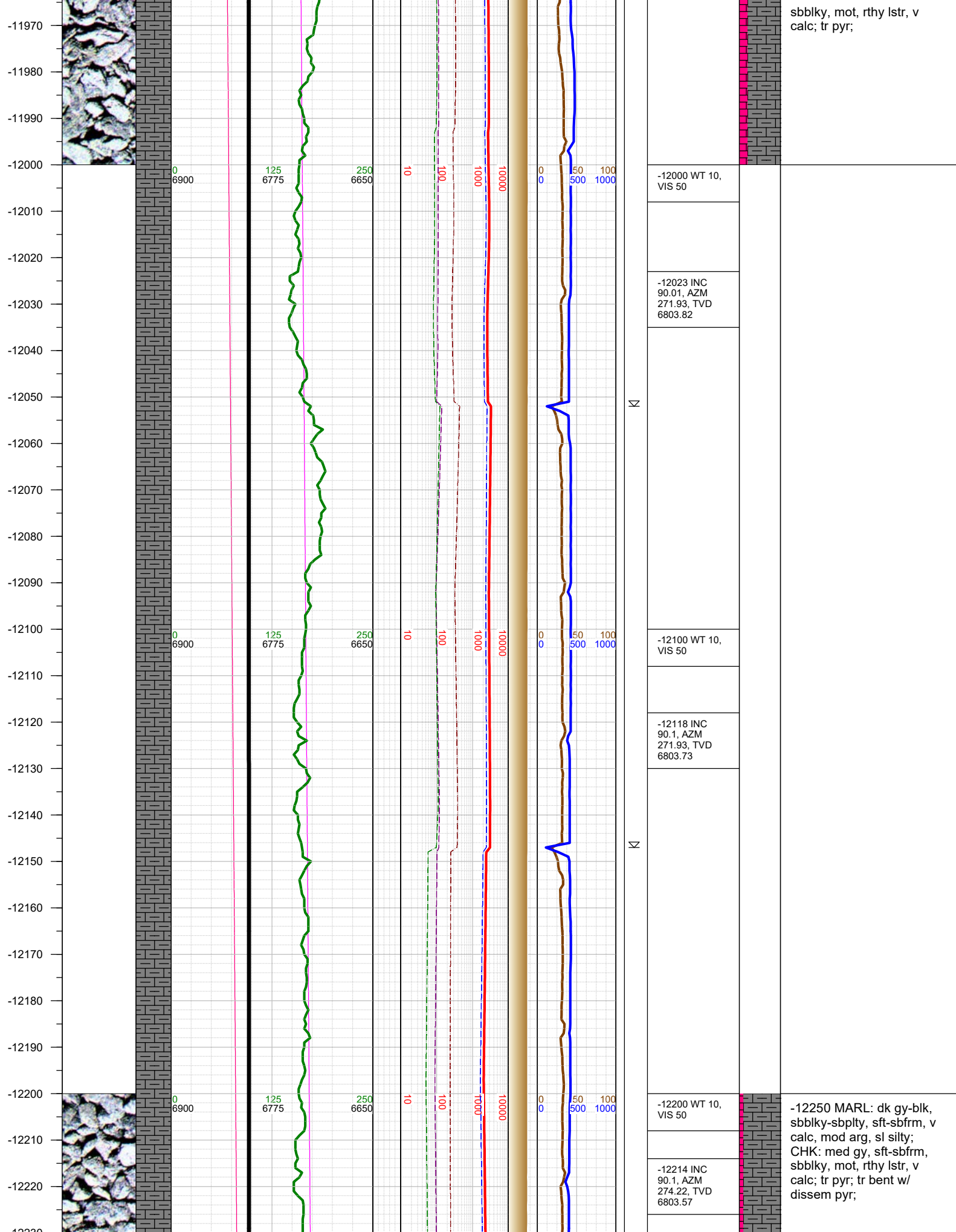
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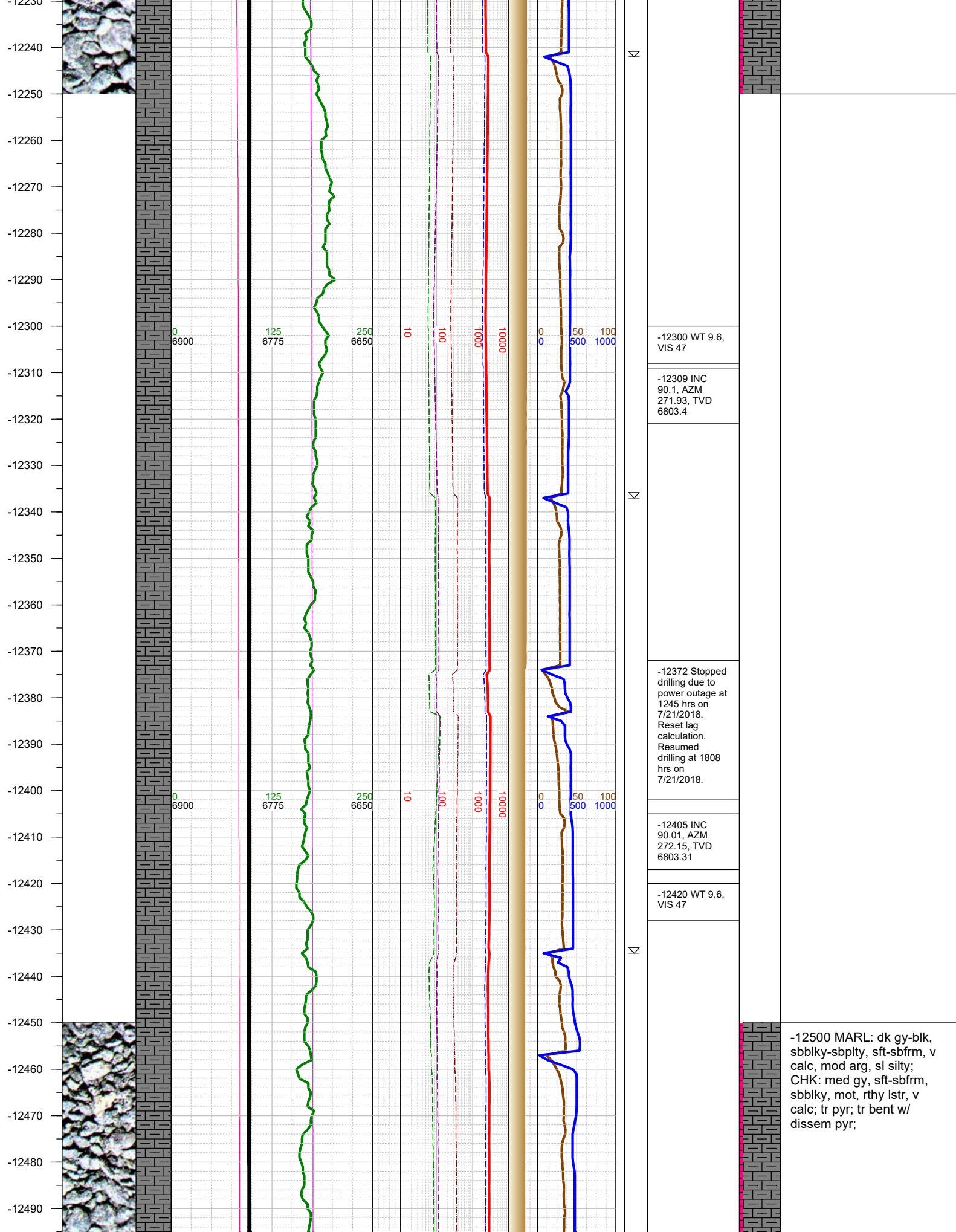
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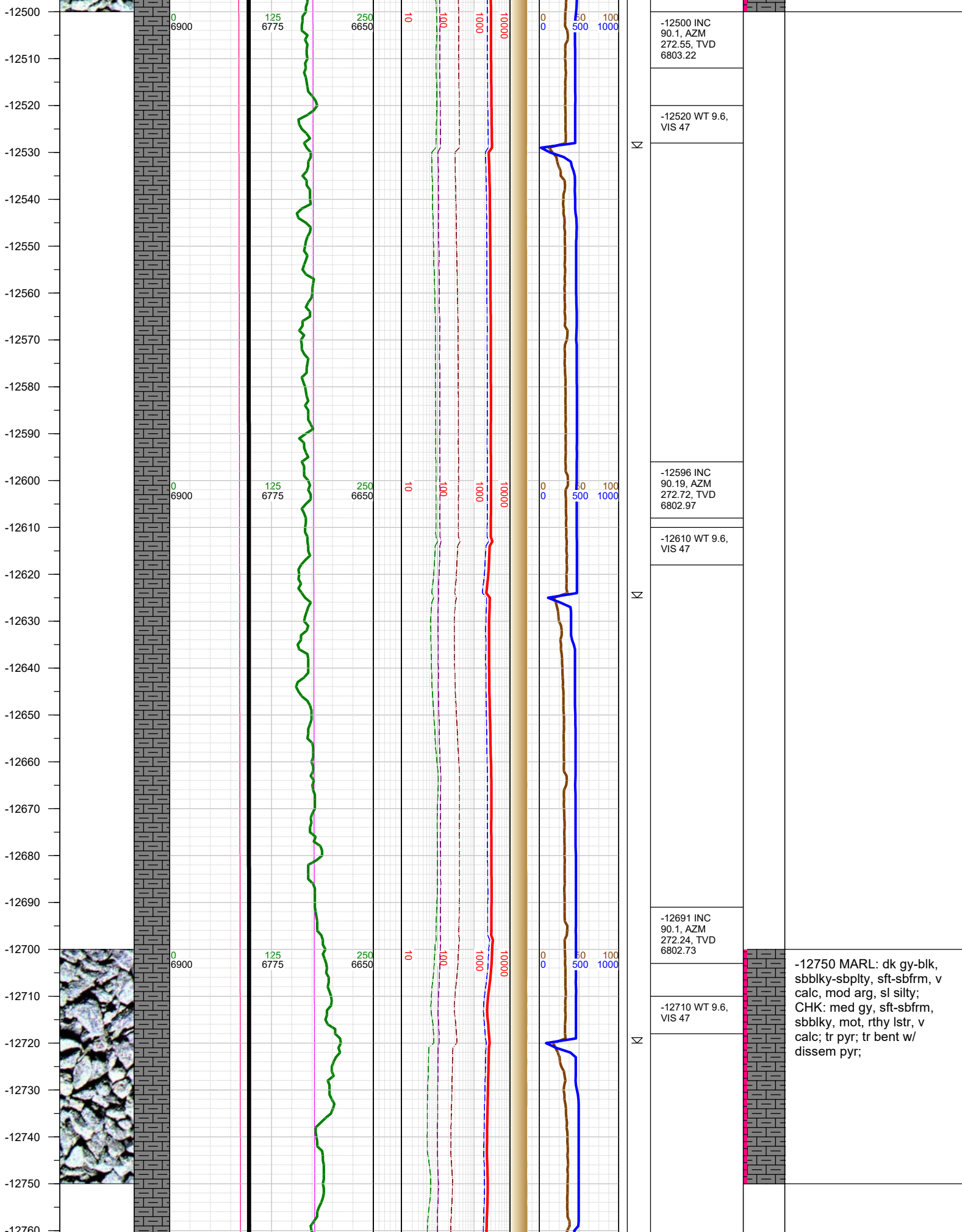


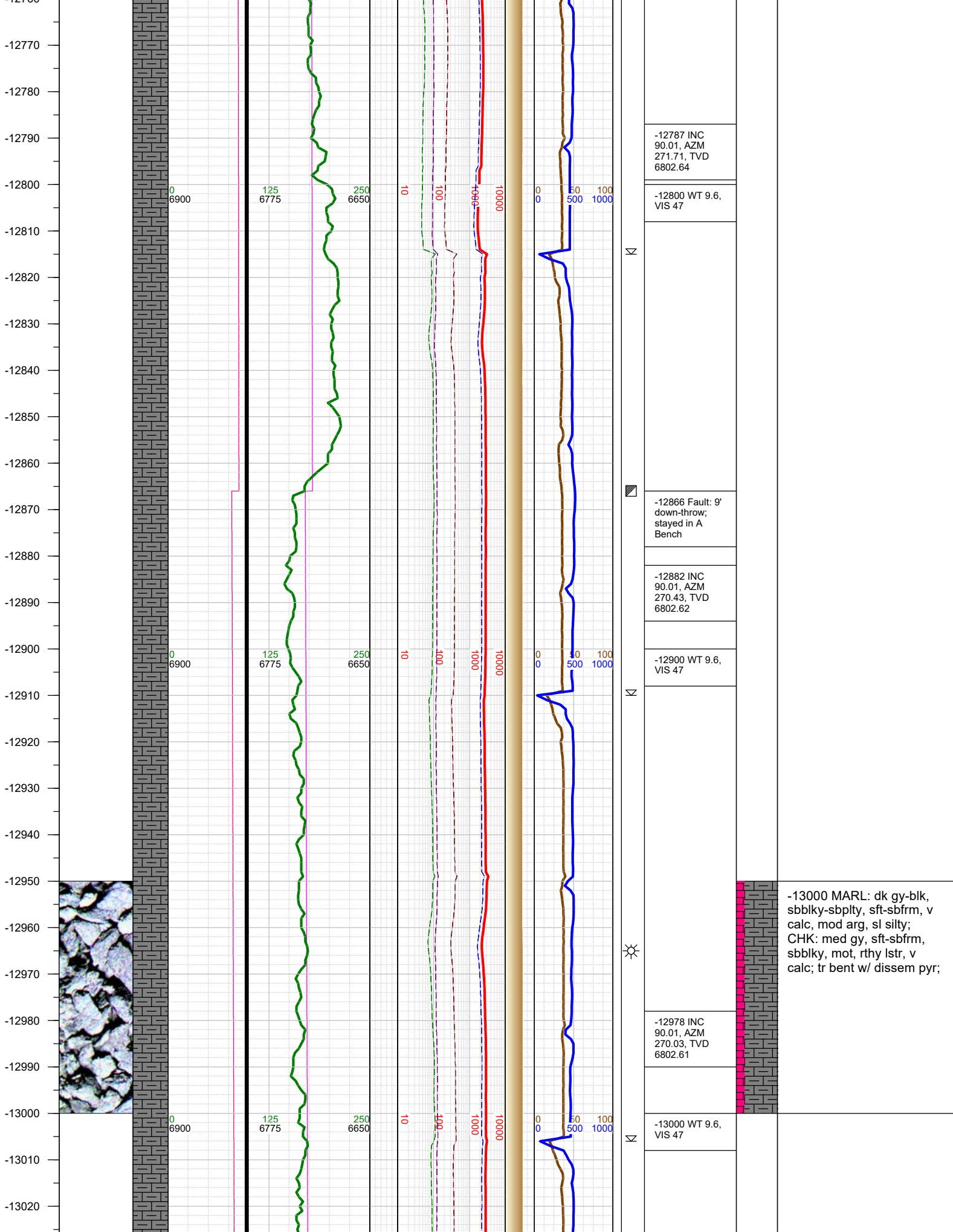
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calc, mod arg, sl silty;
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sbbly, mot, rthy lstr, v
calc; tr pyr; tr bent w/
dissem pyr; tr fos frags;



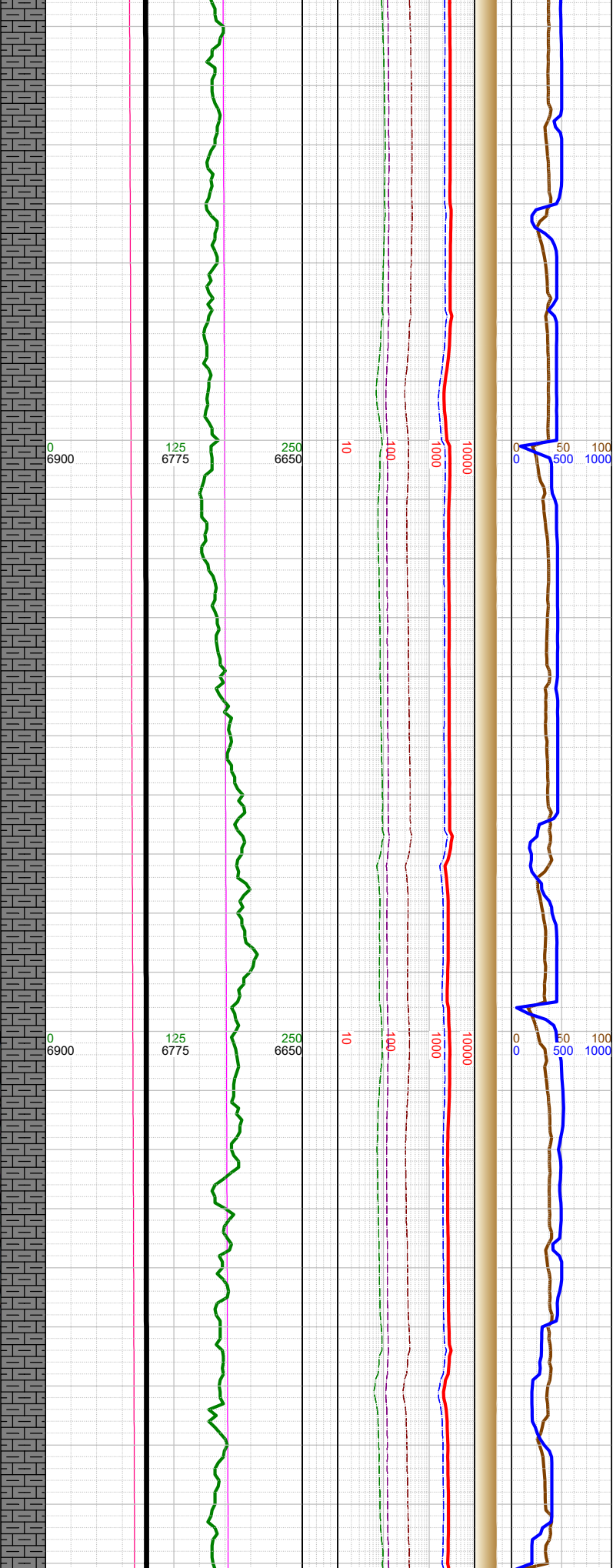
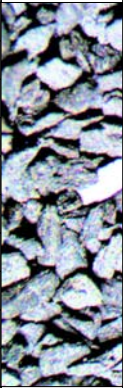








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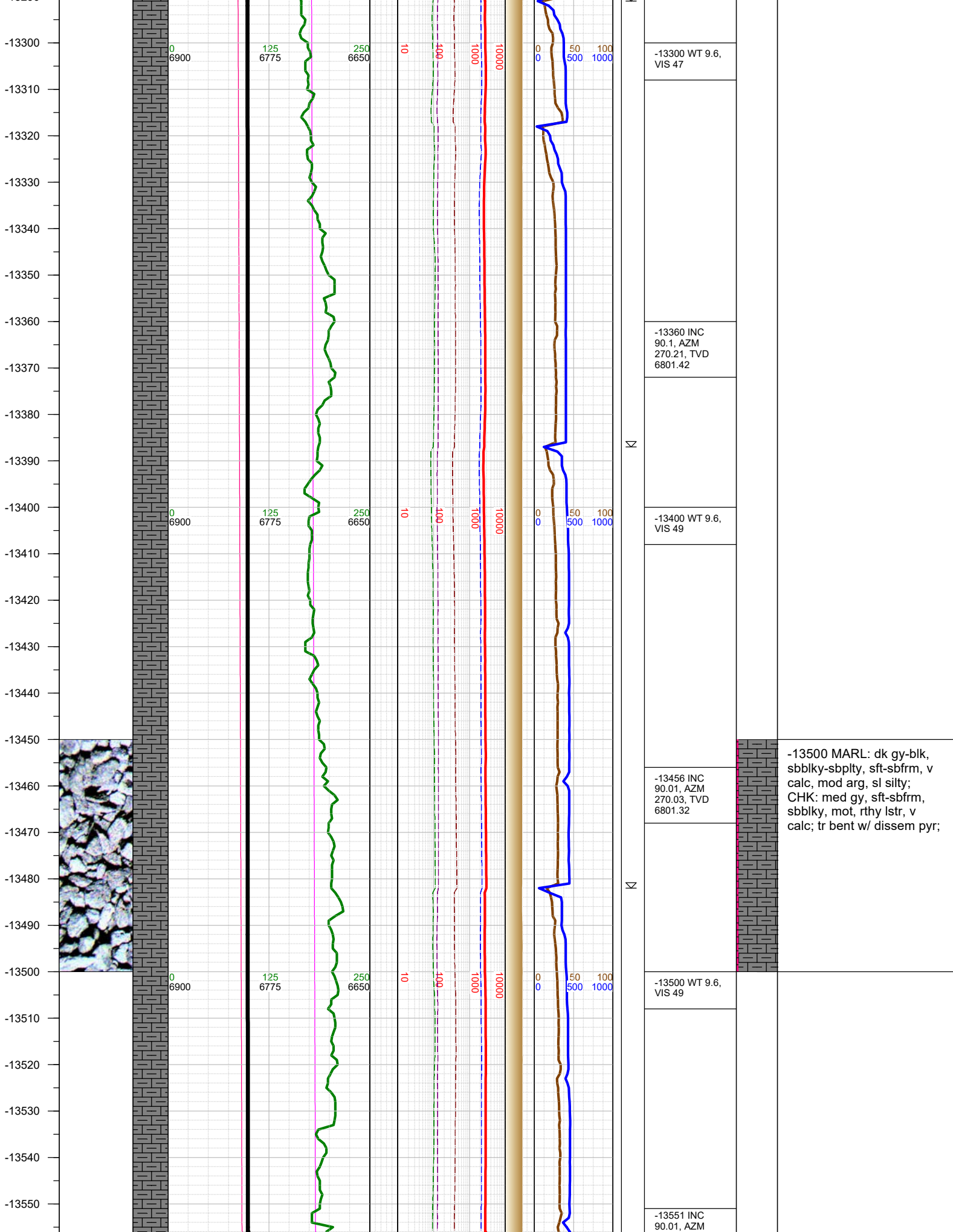
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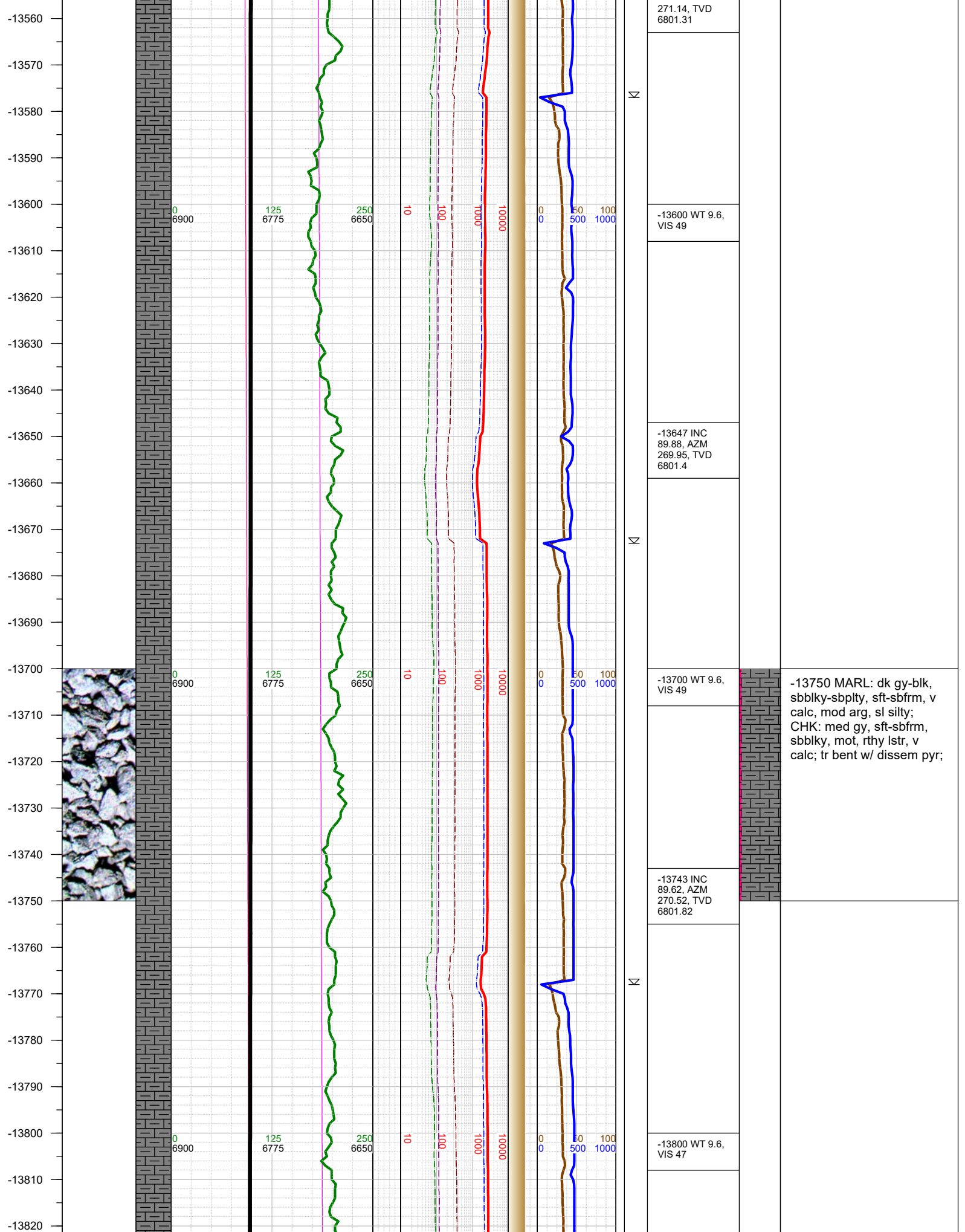
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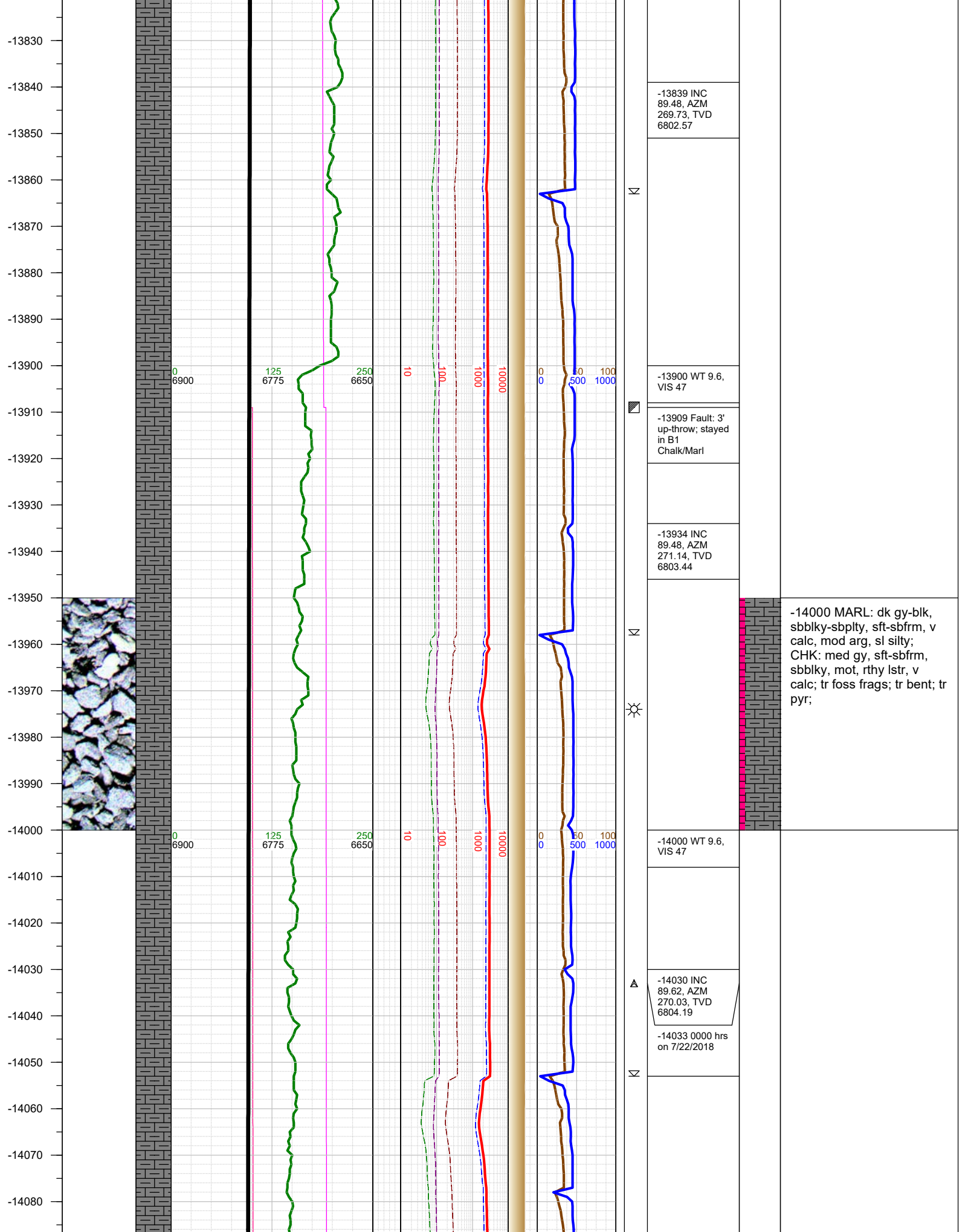
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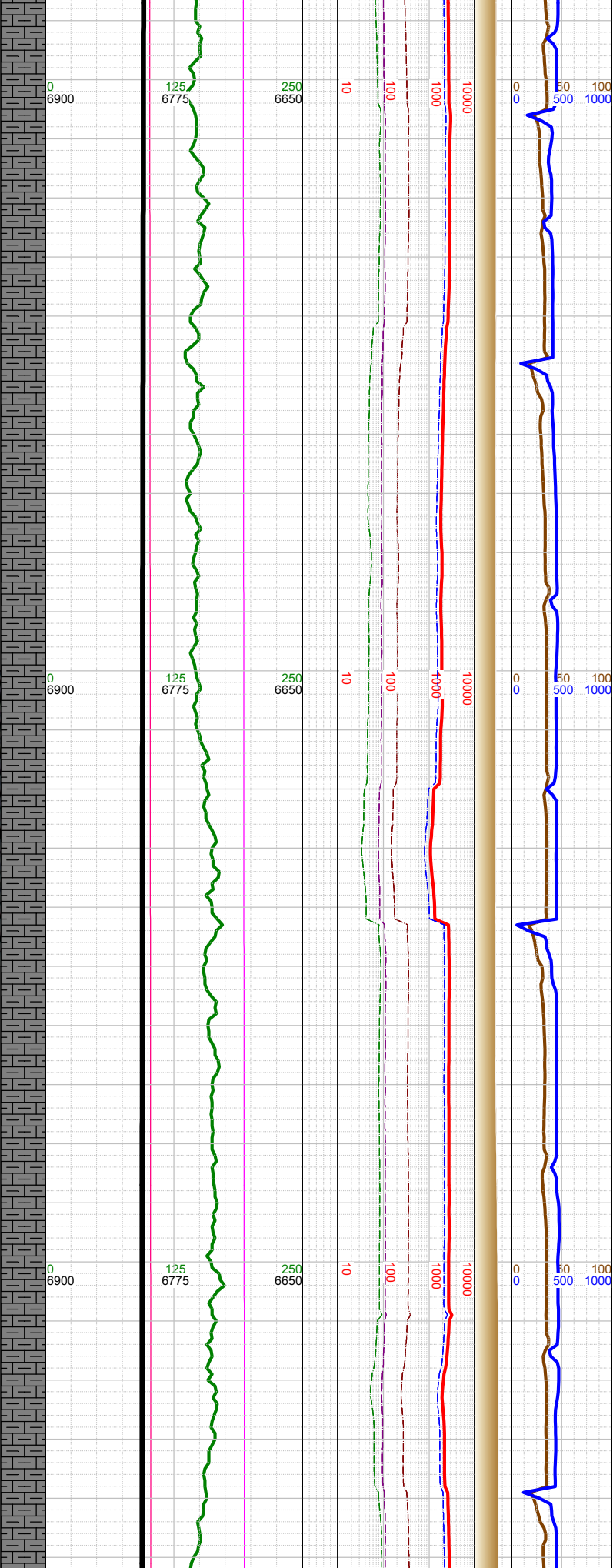
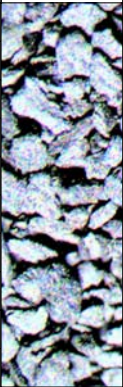
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CHK: med gy, sft-sbfrm,
sbbkly, mot, rthy lstr, v
calc; tr bent w/ dissem pyr;





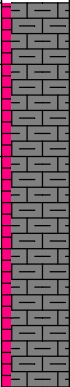


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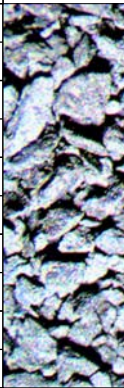
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-14125 INC 89.48, AZM 269.64, TVD 6804.94
-14200 WT 9.6, VIS 47
-14220 INC 89.62, AZM 271.05, TVD 6805.68
-14300 WT 9.7, VIS 50
-14315 INC 90.01, AZM 269.42, TVD 6805.99



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calc, mod arg, sl silty;
CHK: med gy, sft-sbfrm,
sbbkly, mot, rthy lstr, v
calc; tr foss frags; tr bent; tr
pyr;

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-14500 MARL: dk gy-blk,
sbbly-sbply, sft-sbfrm, v
calc, mod arg, sl silty;
CHK: med gy, sft-sbfrm,
sbbly, mot, rthy lstr, v
calc; tr foss frags; tr bent; tr
pyr;

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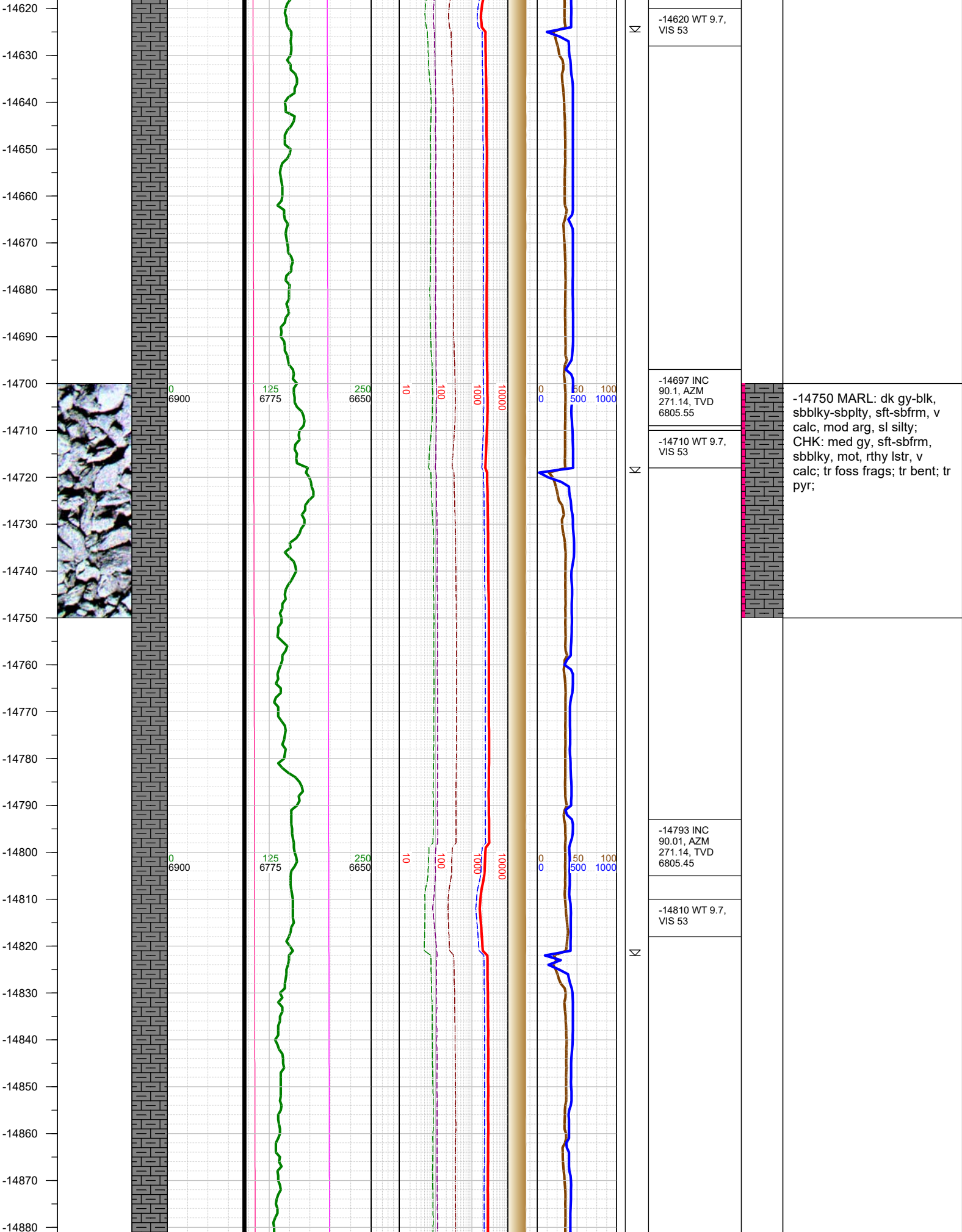
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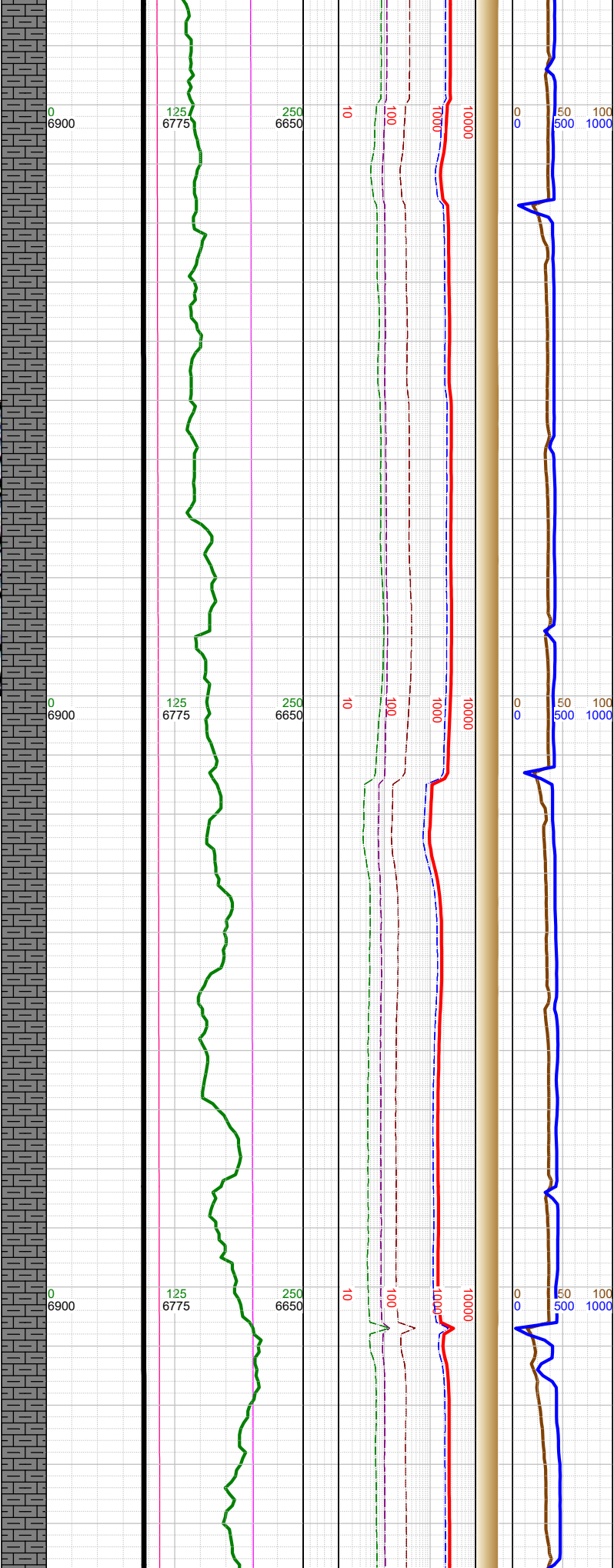
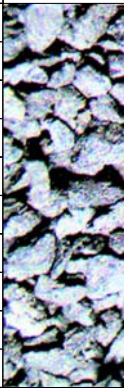
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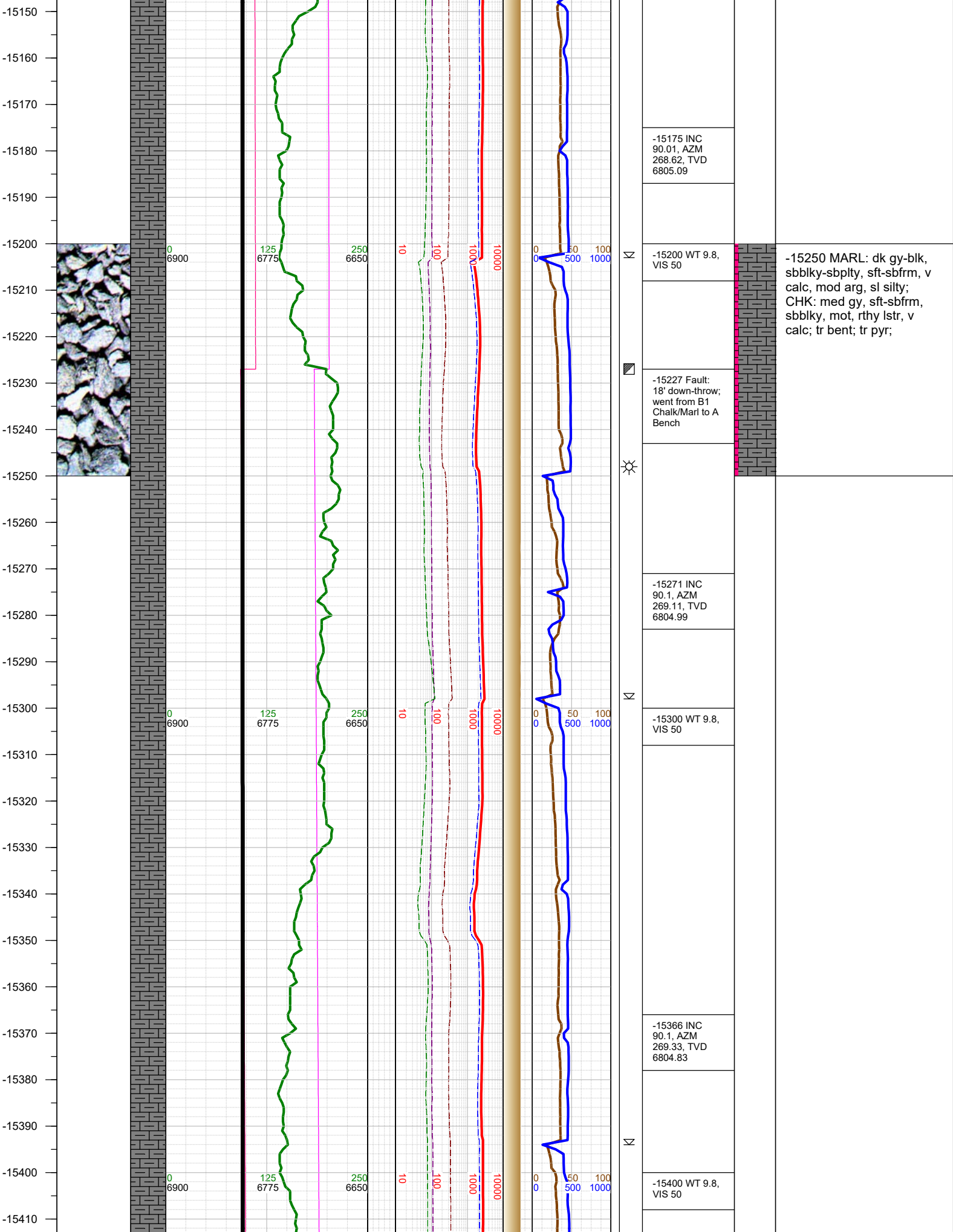
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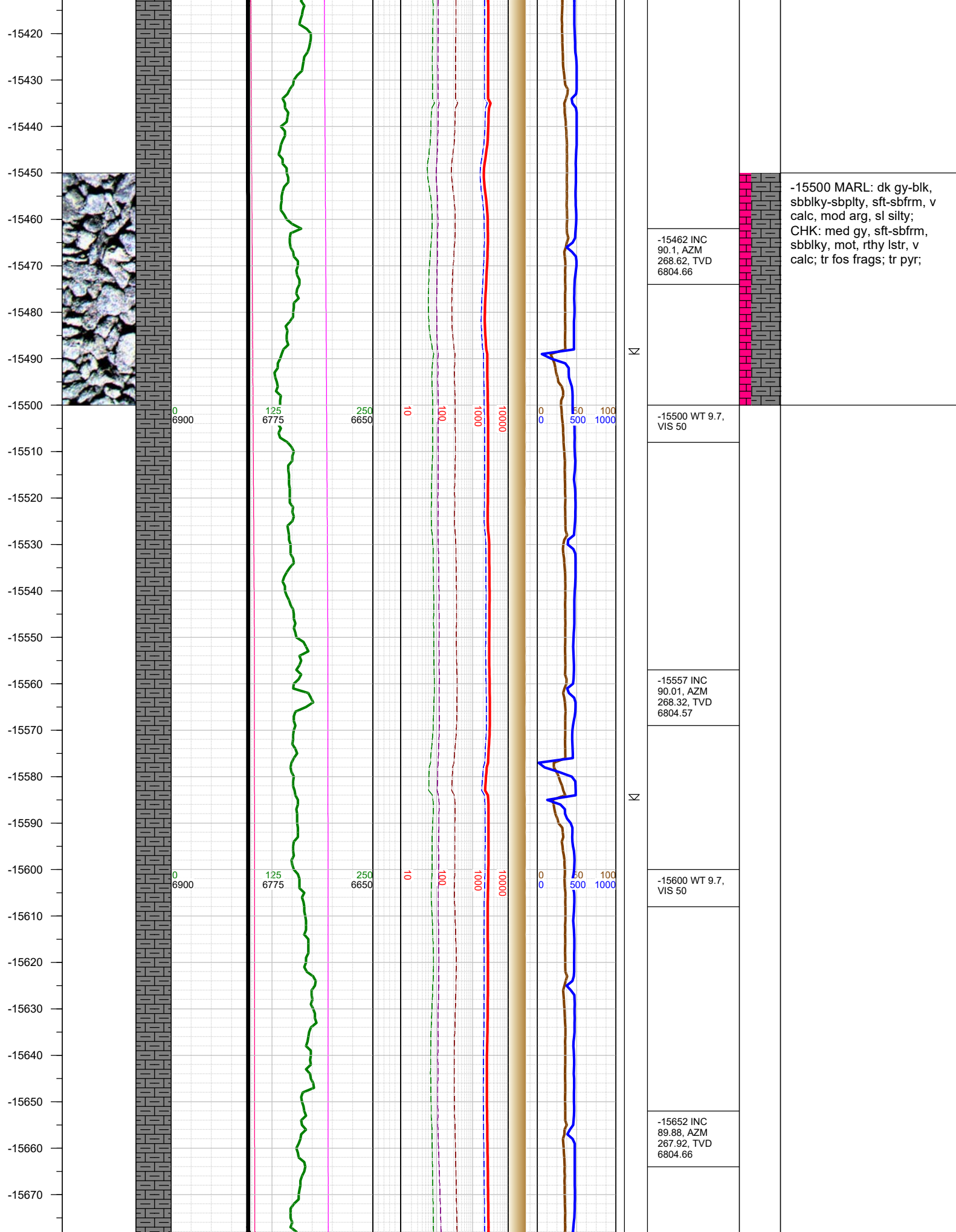
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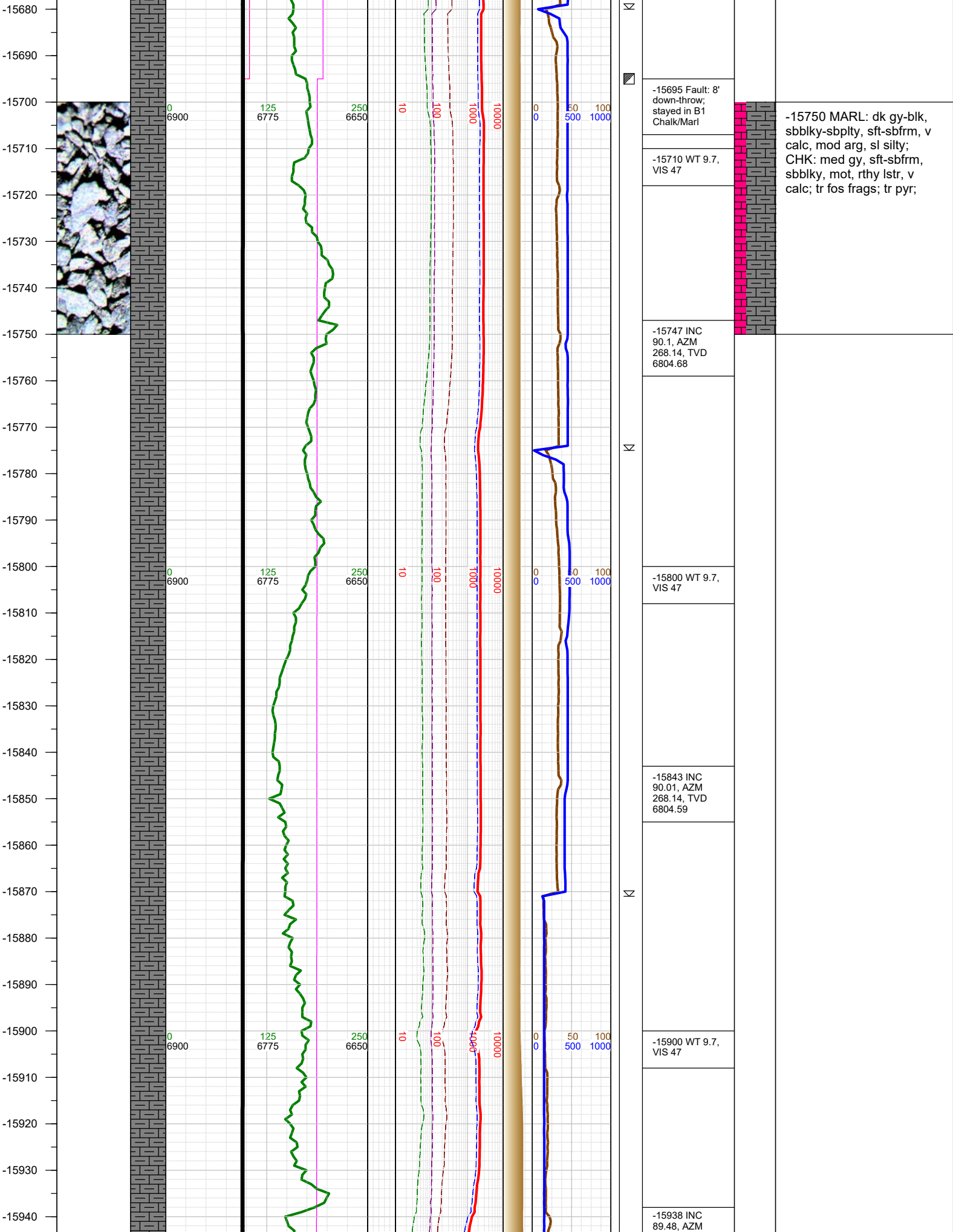
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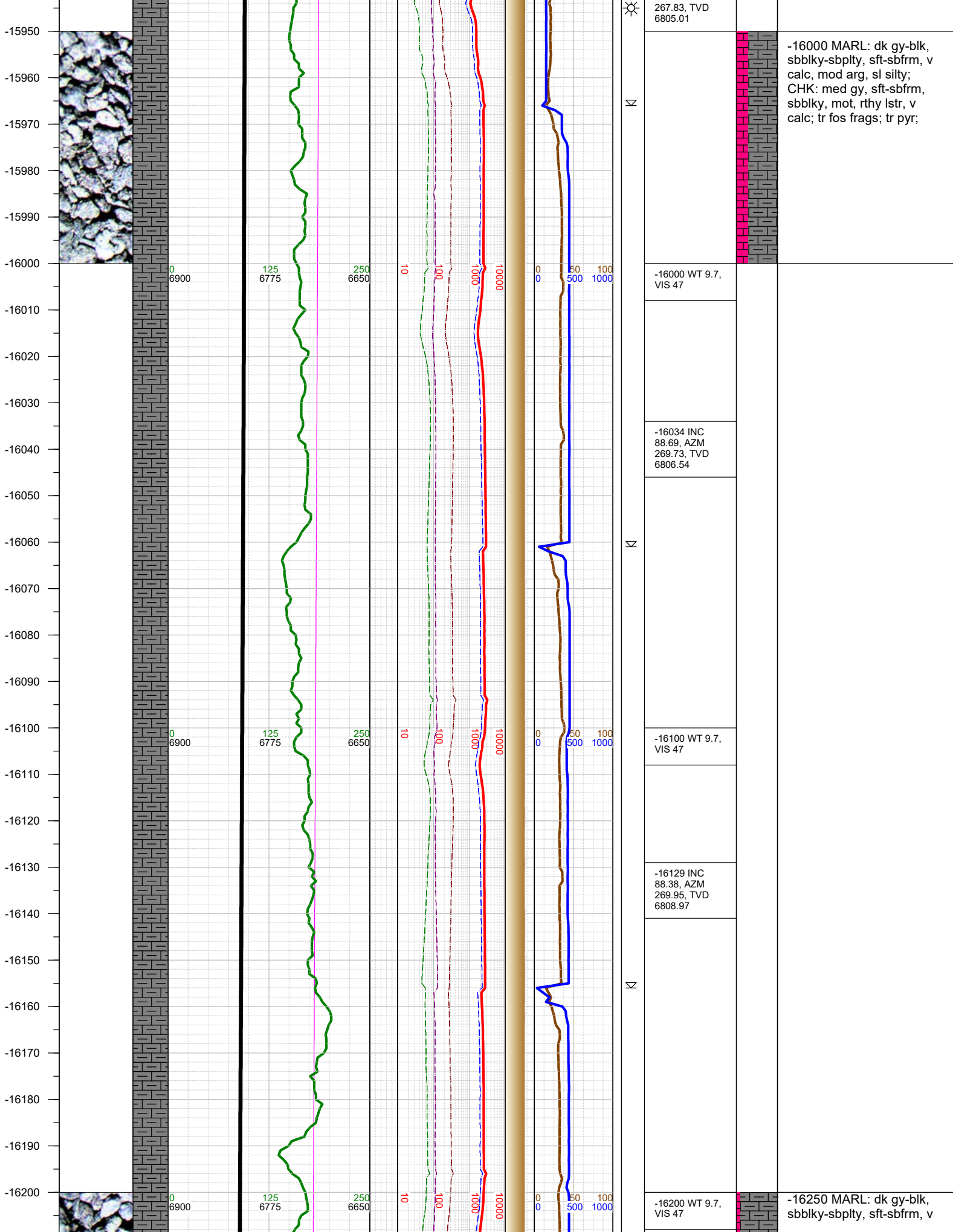
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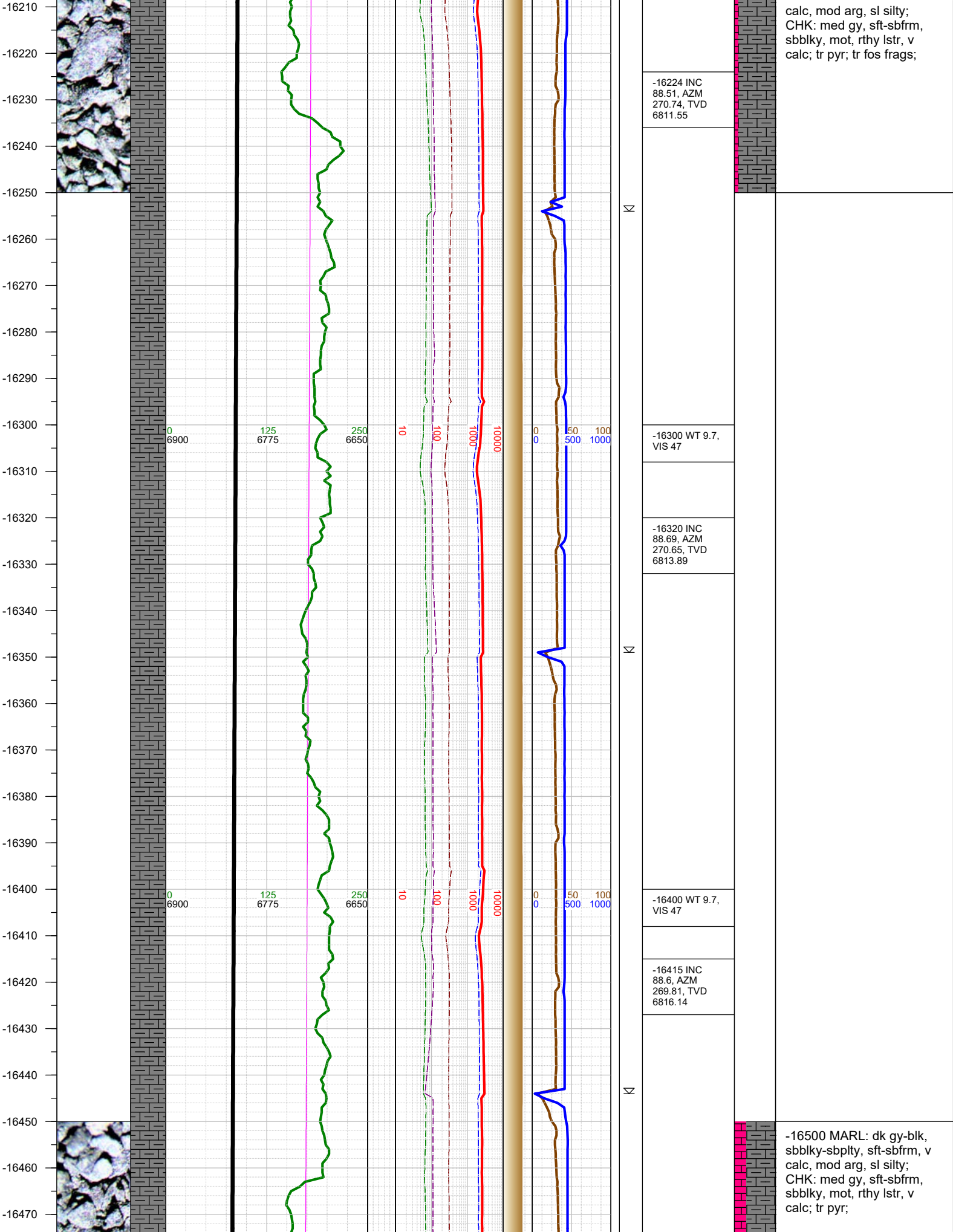
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CHK: med gy, sft-sbfrm,
sbbly, mot, rthy lstr, v
calc; tr bent; tr pyr;



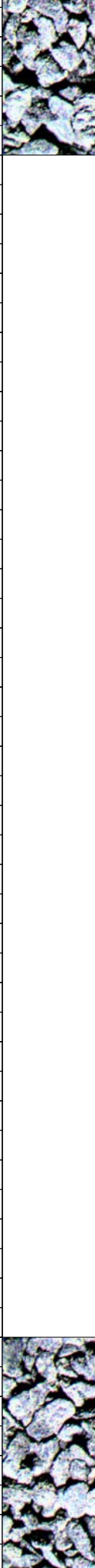








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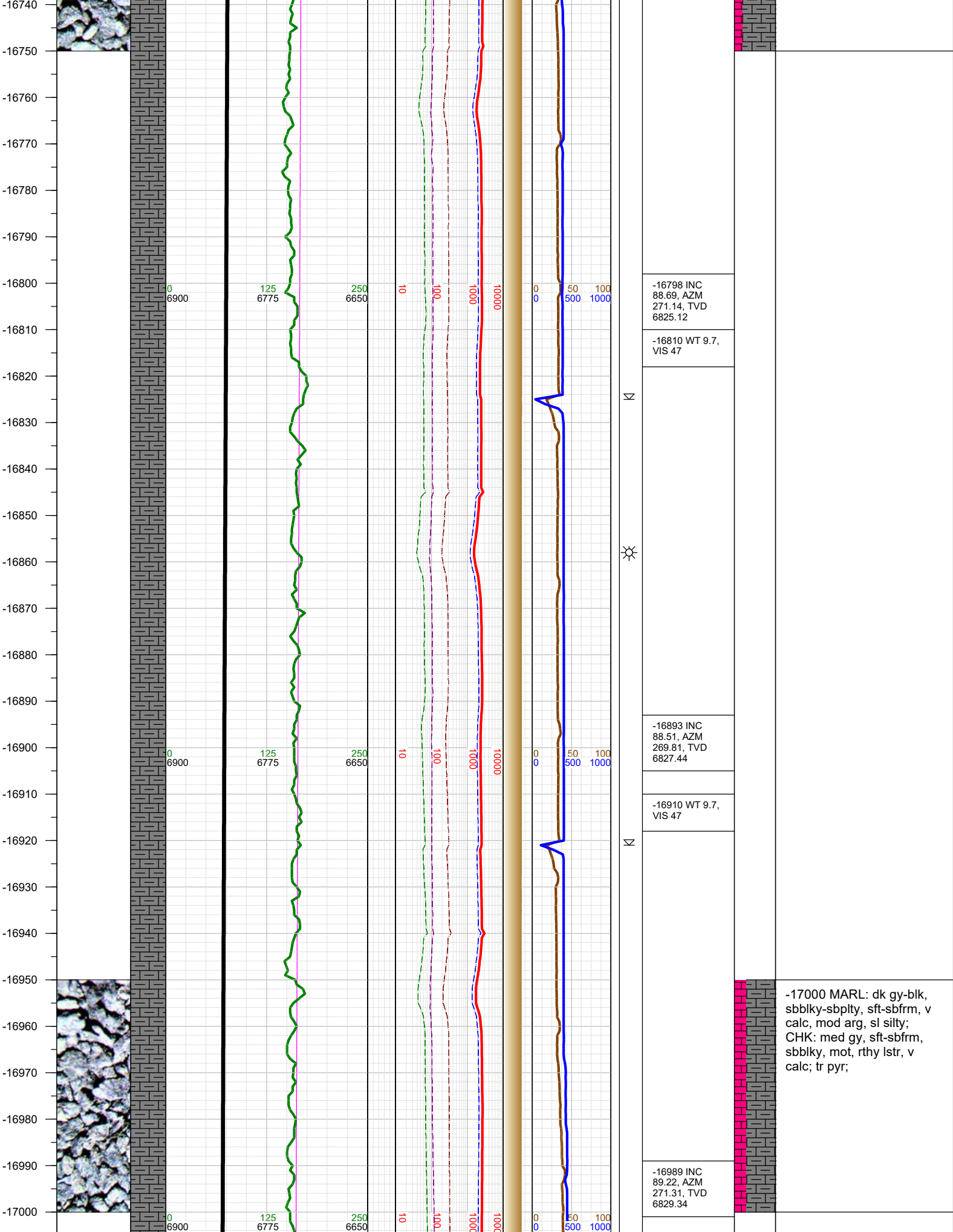
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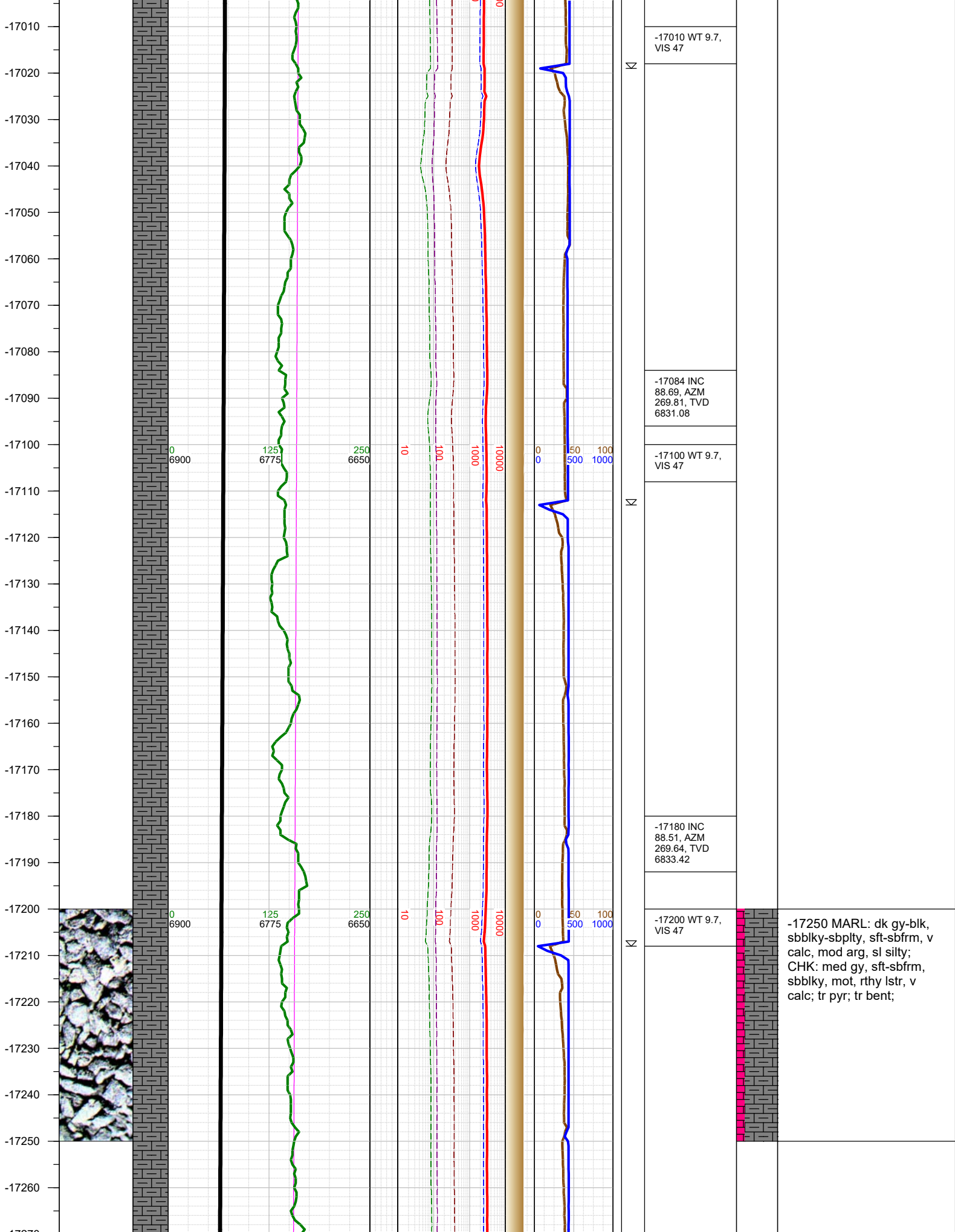
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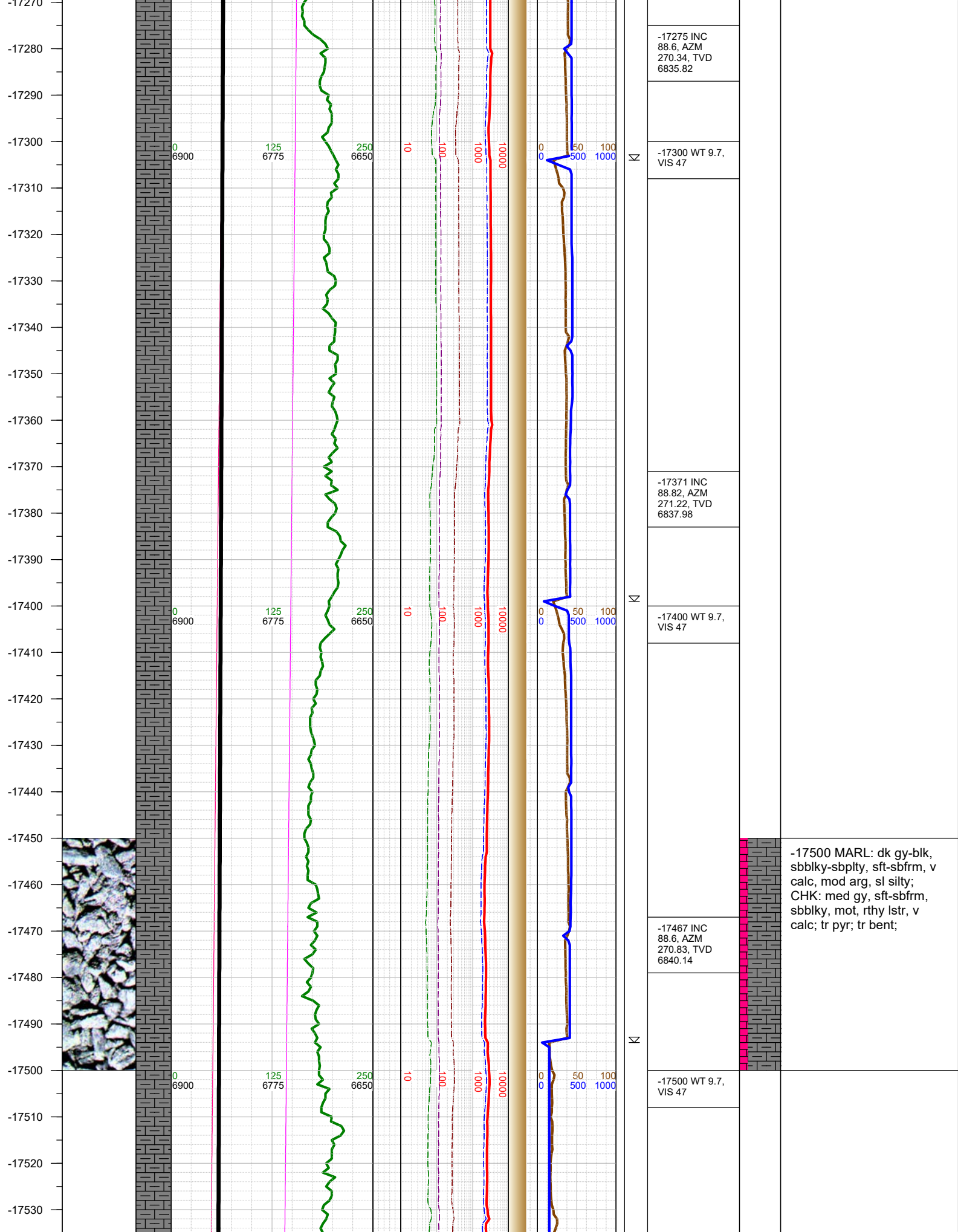
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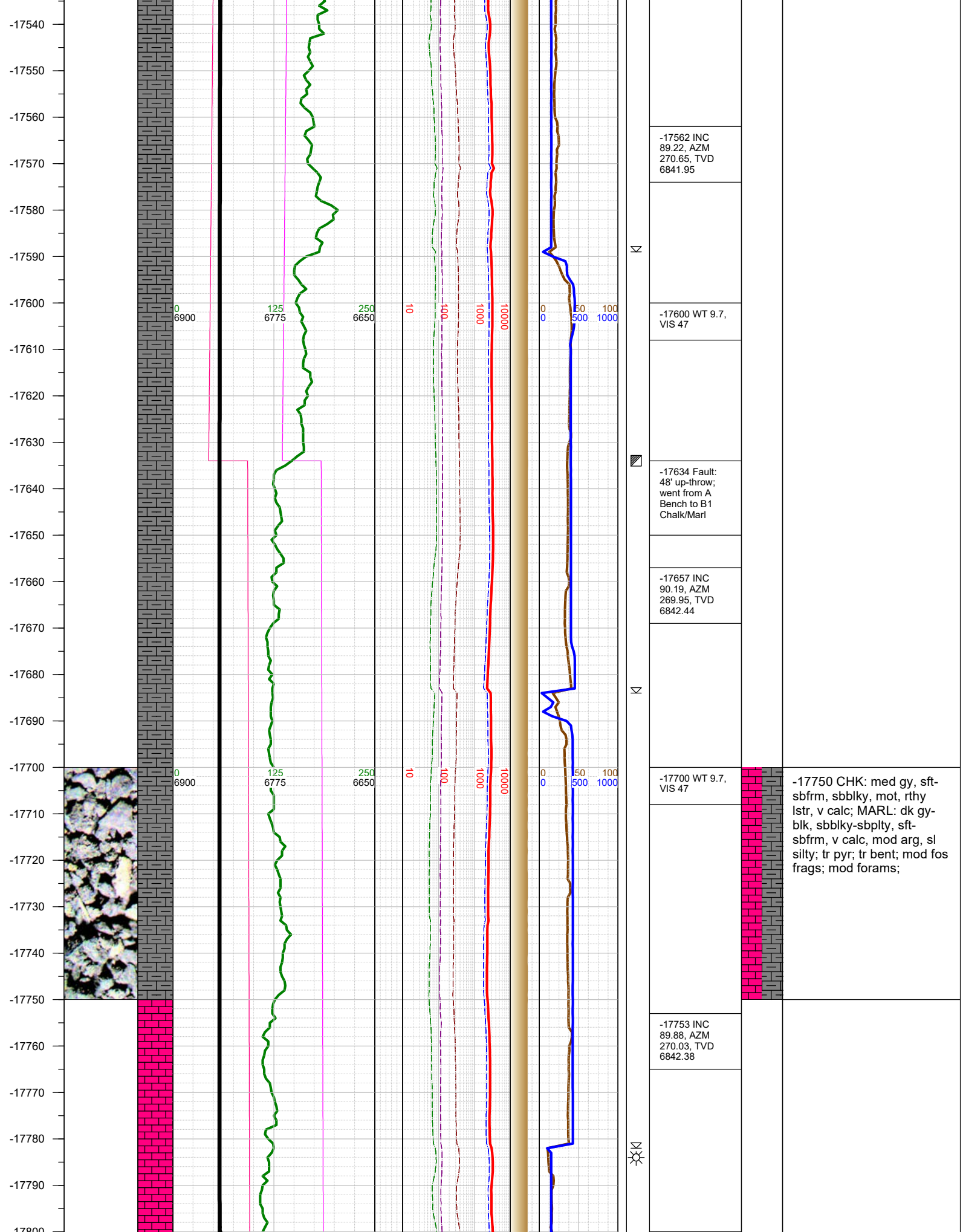
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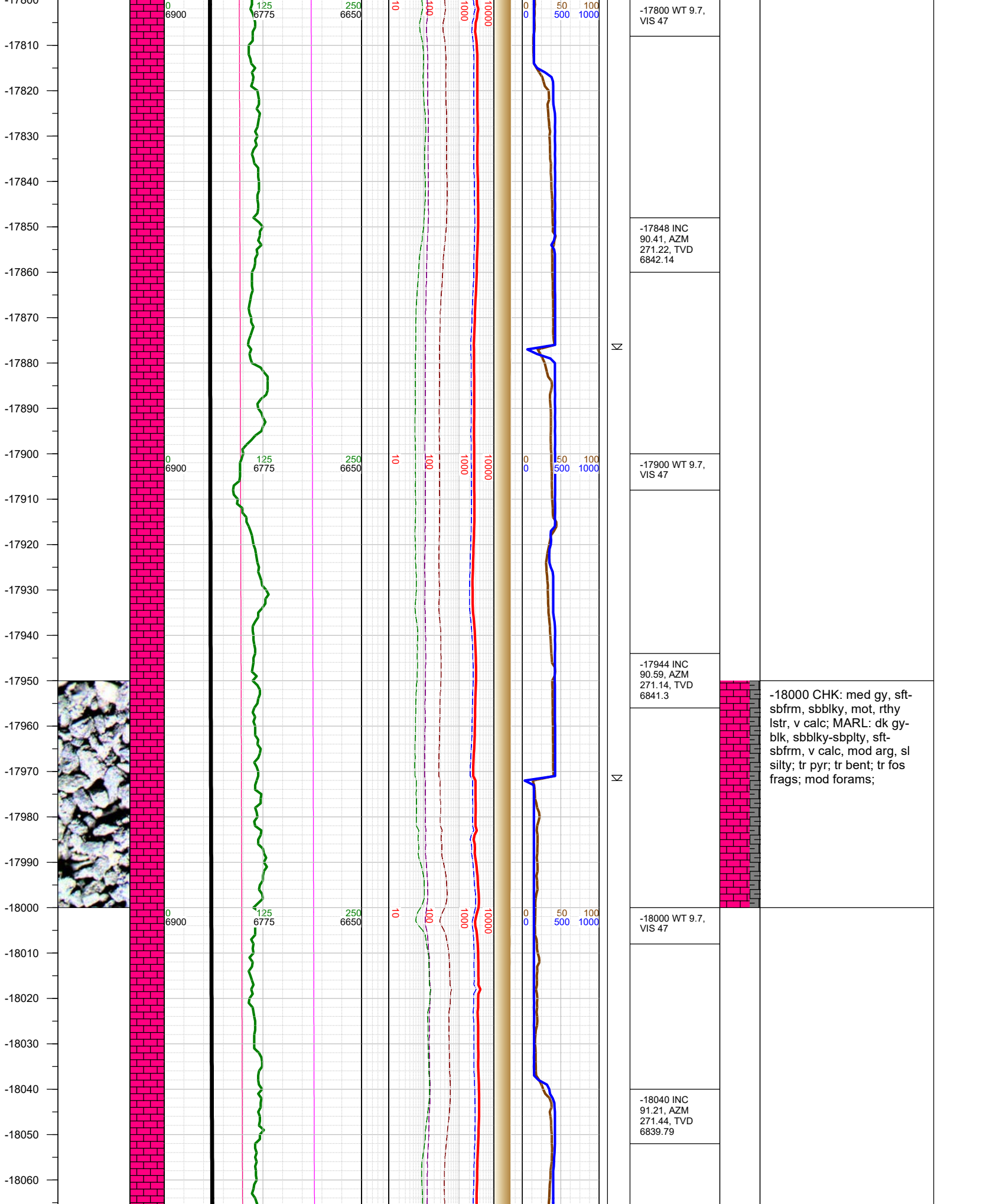
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calc, mod arg, sl silty;
CHK: med gy, sft-sbfrm,
sbbkly, mot, rthy lstr, v
calc; tr pyr;

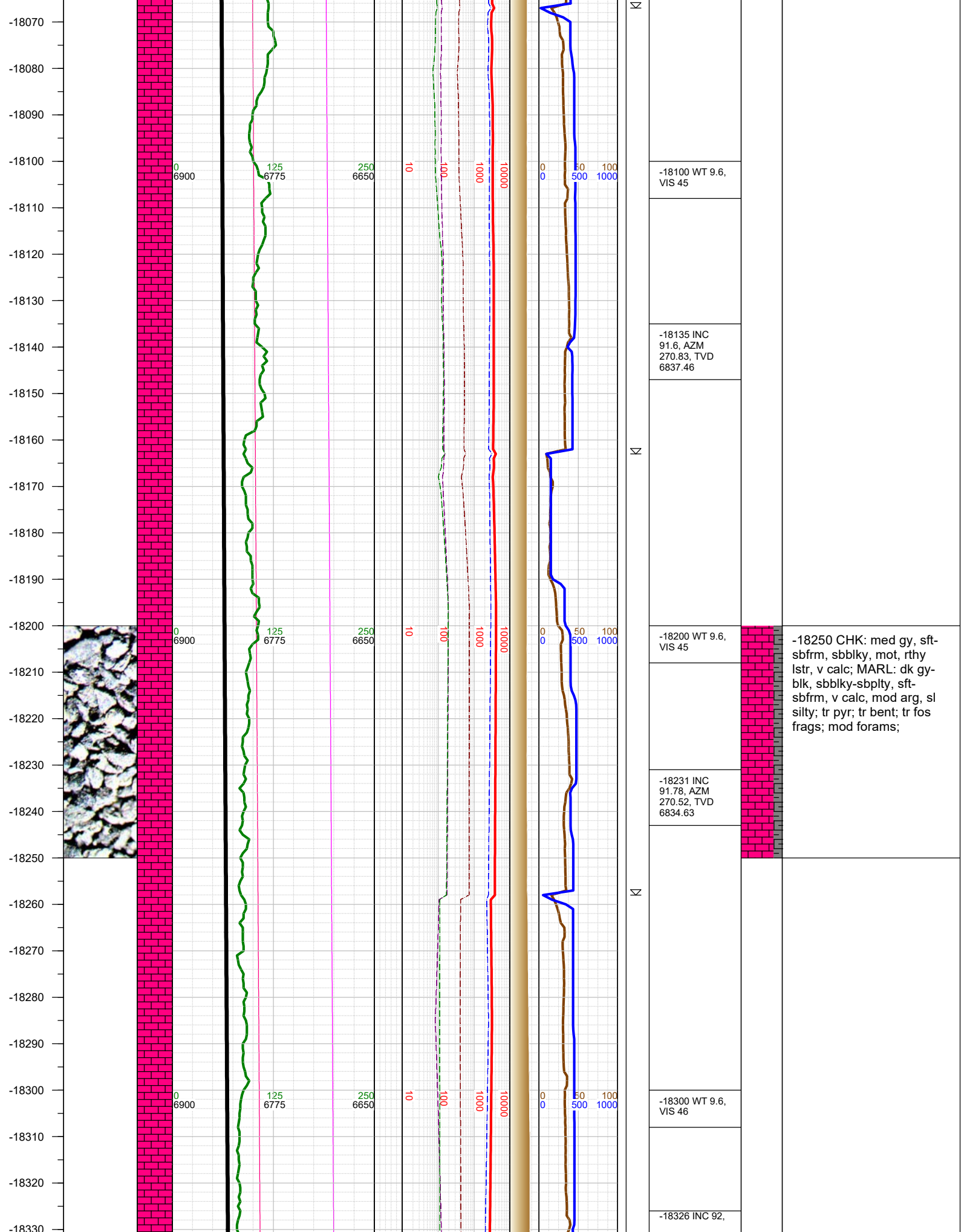


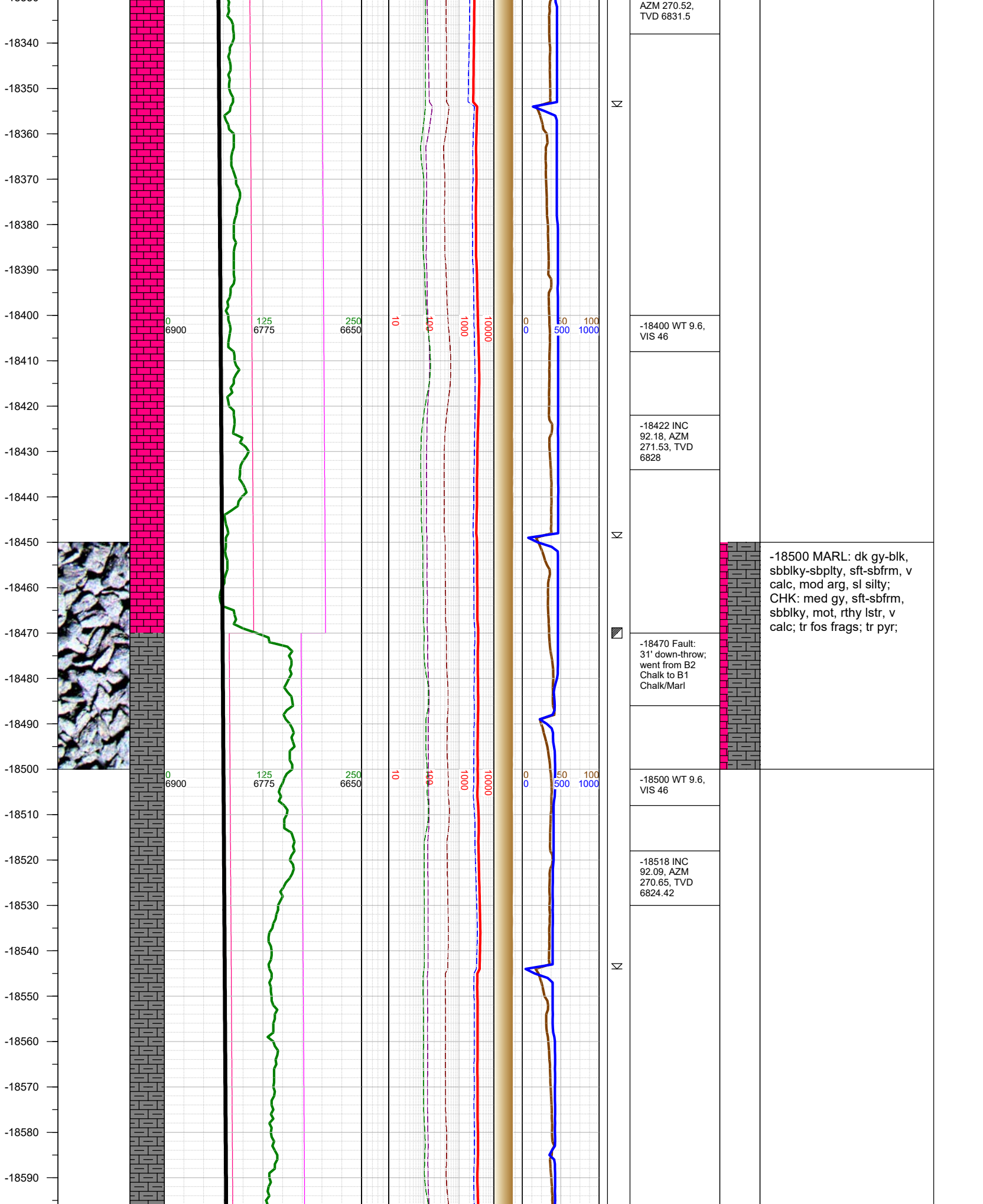


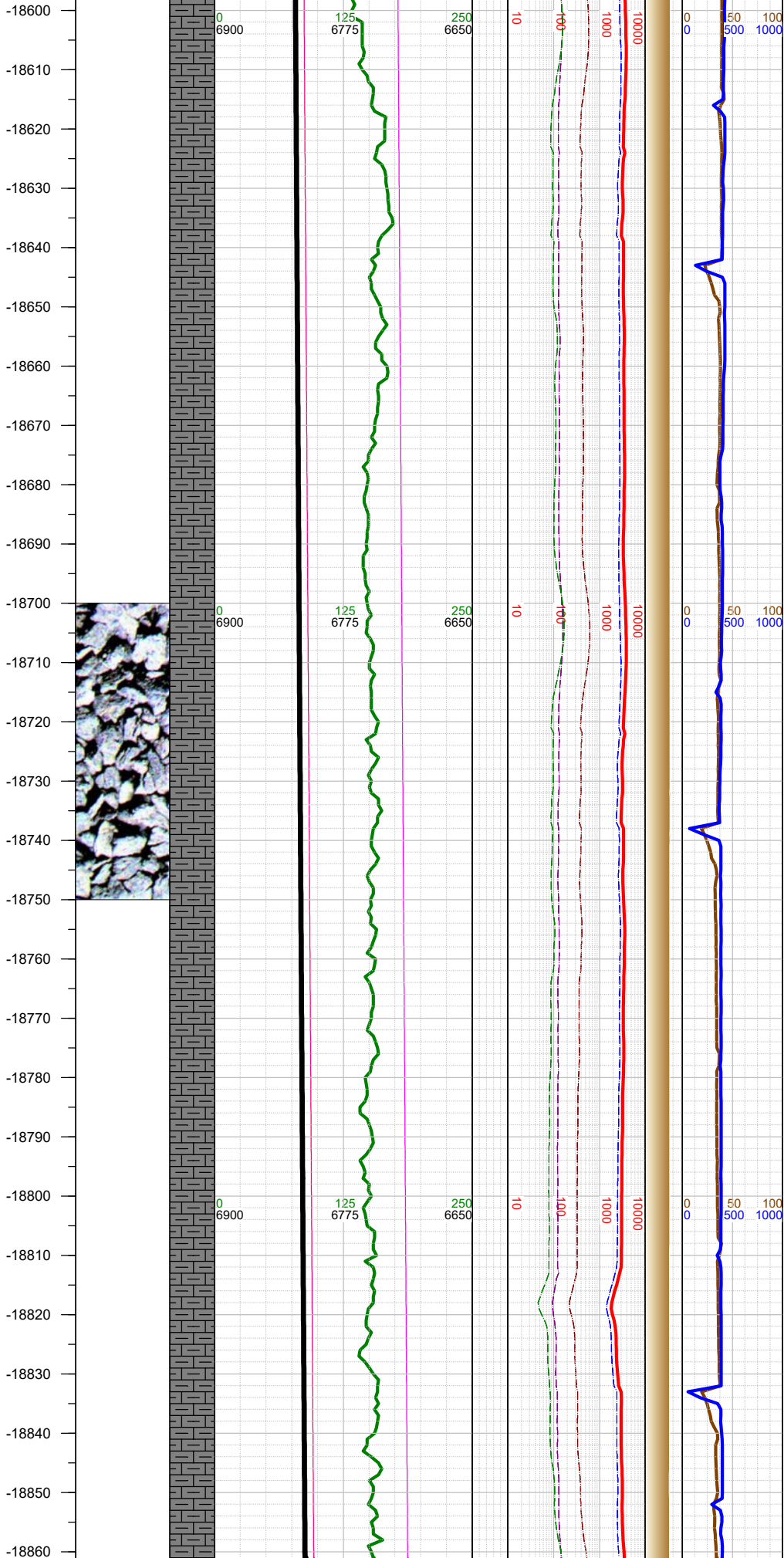






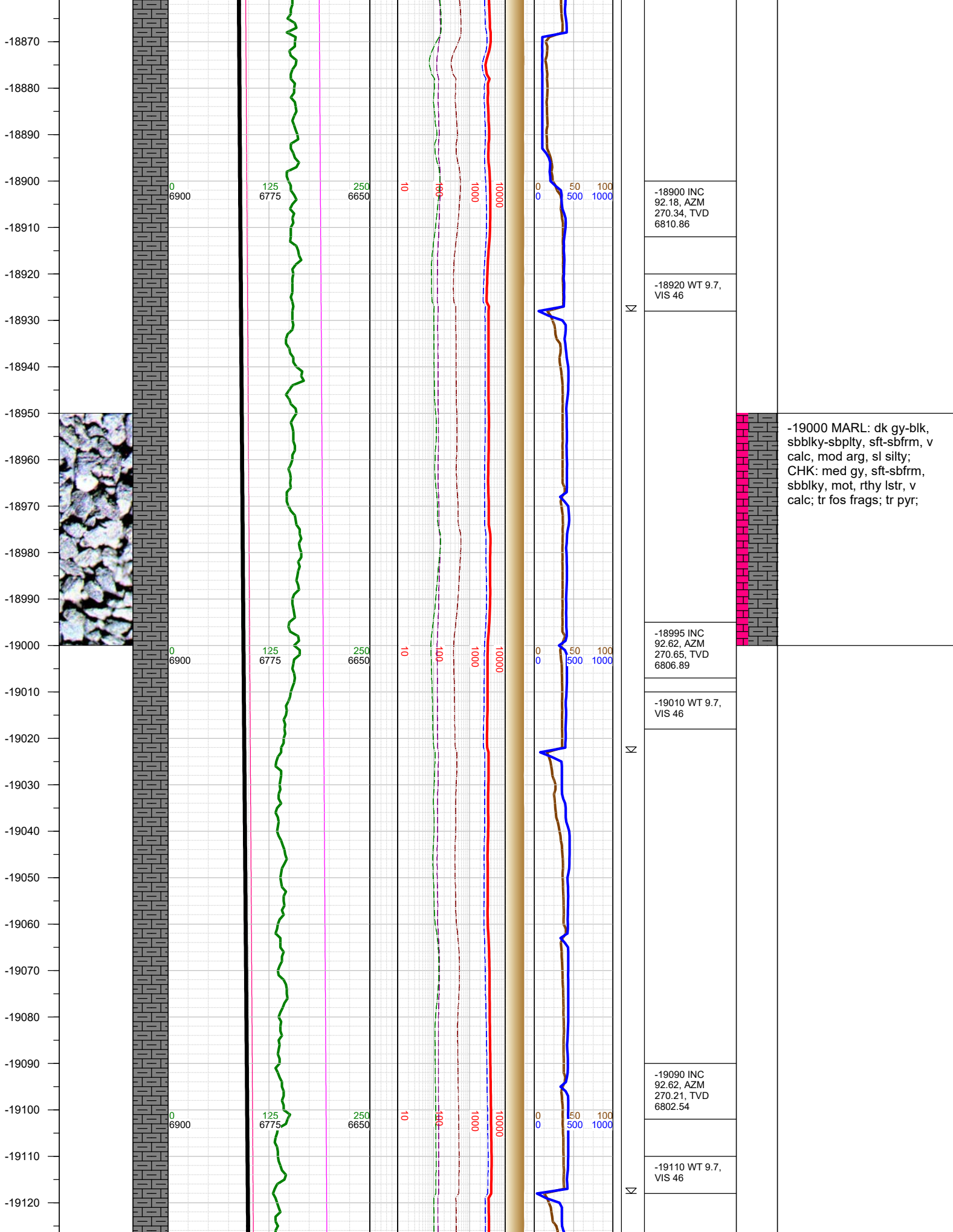


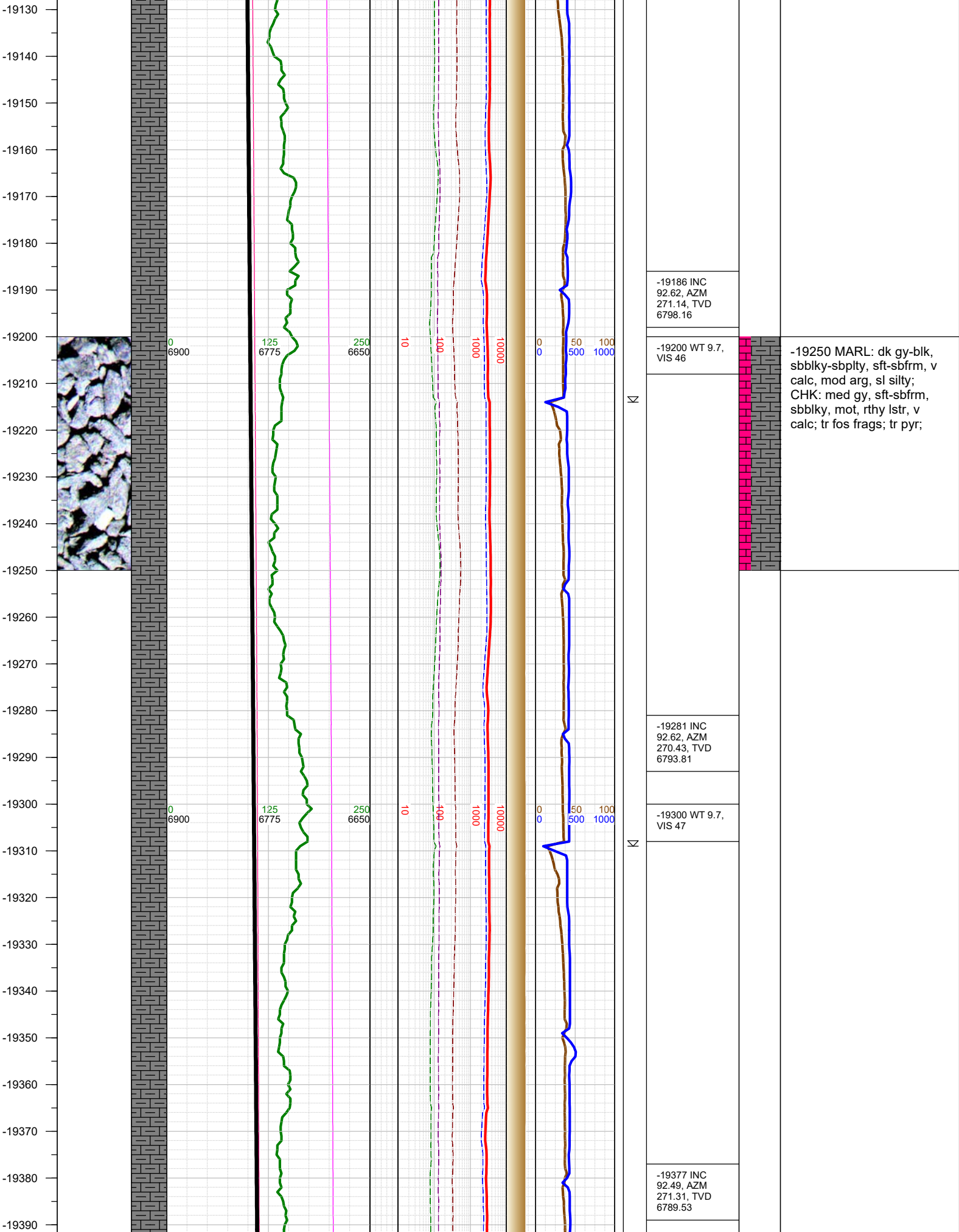


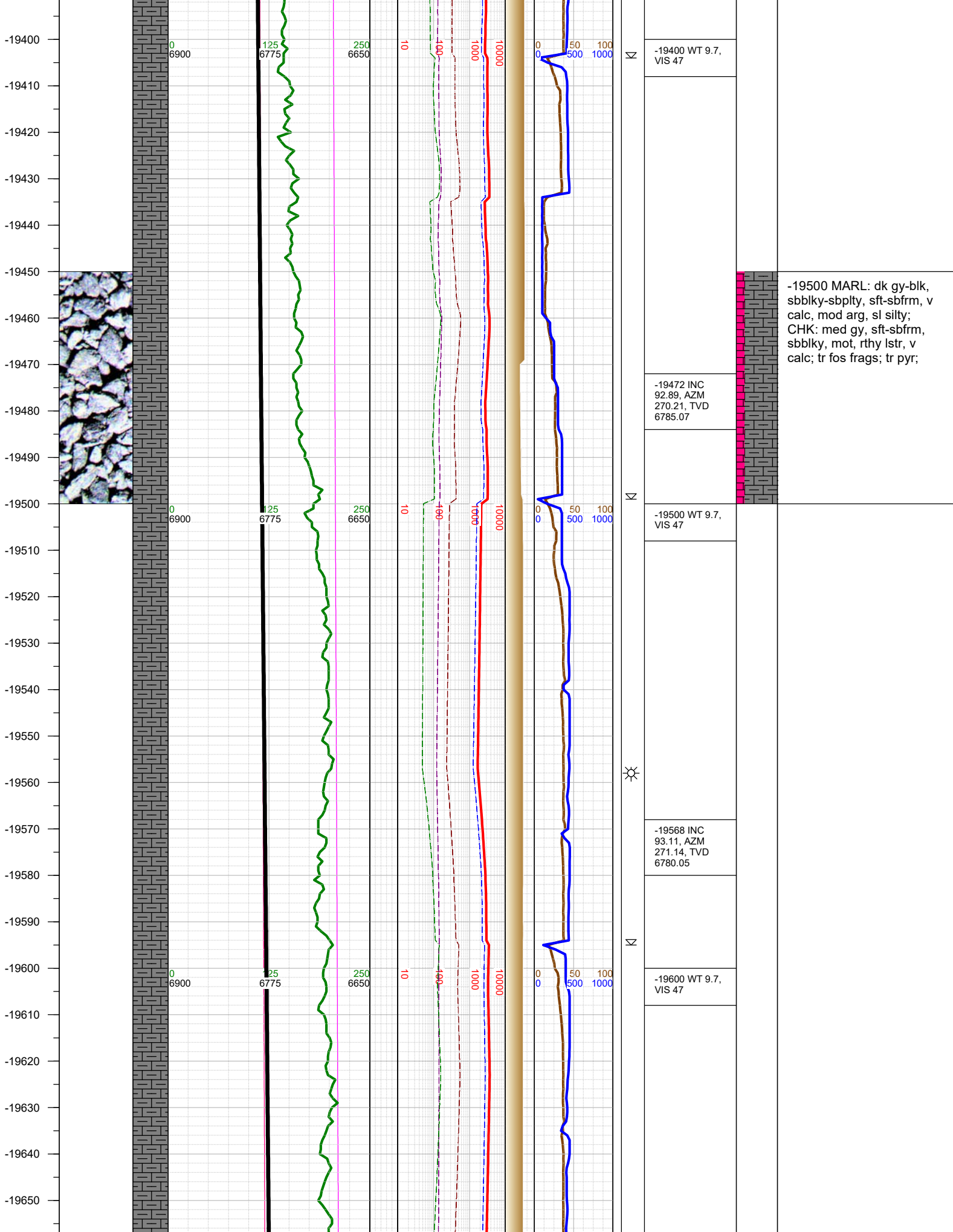


N	-18600 WT 9.7, VIS 47
	-18614 INC 91.91, AZM 270.12, TVD 6821.07
	-18700 WT 9.7, VIS 47
N	-18709 INC 92, AZM 270.65, TVD 6817.83
	-18805 INC 92.09, AZM 270.21, TVD 6814.4
	-18820 WT 9.7, VIS 47

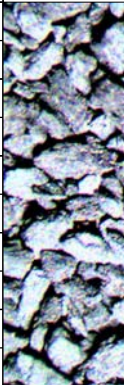
-18750 MARL: dk gy-blk, sbblky-sbpity, sft-sbfrm, v calc, mod arg, sl silty; CHK: med gy, sft-sbfrm, sbblky, mot, rthy lstr, v calc; tr fos frags; tr pyr;







-19660
-19670
-19680
-19690
-19700
-19710
-19720
-19730
-19740
-19750
-19760
-19770
-19780
-19790
-19800
-19810
-19820
-19830
-19840
-19850
-19860
-19870
-19880
-19890
-19900
-19910
-19920



0
6900

115
6775

250
6650

10

100

1000

10000

0
0

50

100

500

1000

-19663 INC
93.02, AZM
270.12, TVD
6774.97

-19700 WT 9.7,
VIS 47

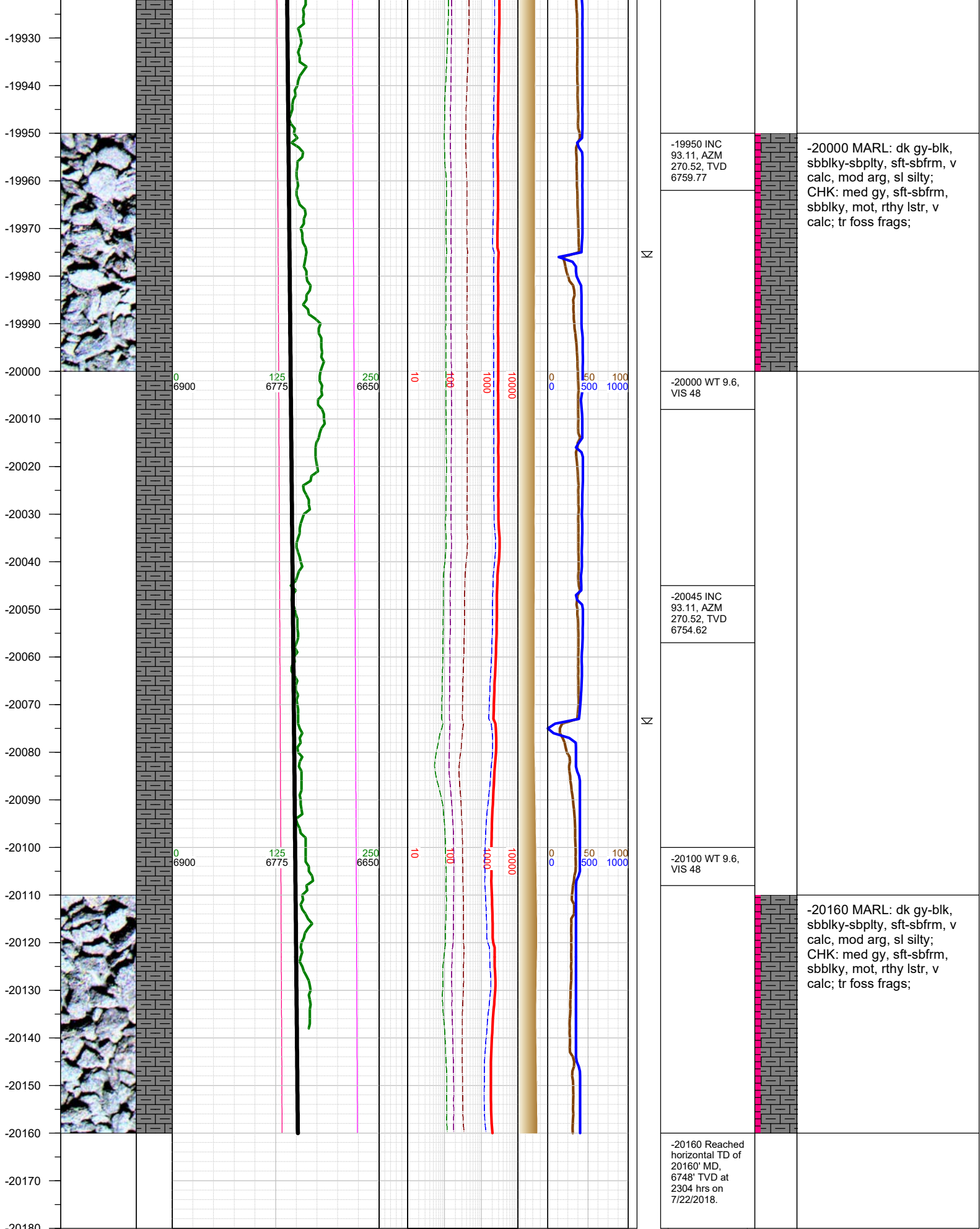
-19759 INC
93.02, AZM
270.83, TVD
6769.91

-19800 WT 9.7,
VIS 47

-19854 INC
93.02, AZM
270.52, TVD
6764.91

-19900 WT 9.7,
VIS 47

-19750 MARL: dk gy-blk,
sbbly-sbply, sft-sbfrm, v
calc, mod arg, sl silty;
CHK: med gy, sft-sbfrm,
sbbly, mot, rthy lstr, v
calc; tr foss frags;



TOTAL DEPTH = 20160'

Thank you for using Earth Science Agency