

OPERATOR: **Extraction Oil & Gas**
WELL NAME: **Interchange B N35-20-6N**
FIELD NAME: DJ Basin - Wattenberg
DRILLING RIG: Patterson 901
API #: 05-014-20777

LAT/LONG: 39.978976, -104.991343
SURFACE HOLE: NESW S10-T1S-R68W, 2496' FSL, 1637' FWL
BOTTOM HOLE: S34-T1N-R68W, 460' FNL, 1277' FEL

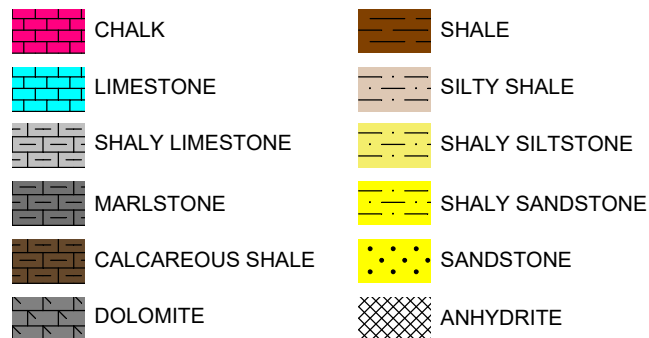


Earth Science Agency, LLC

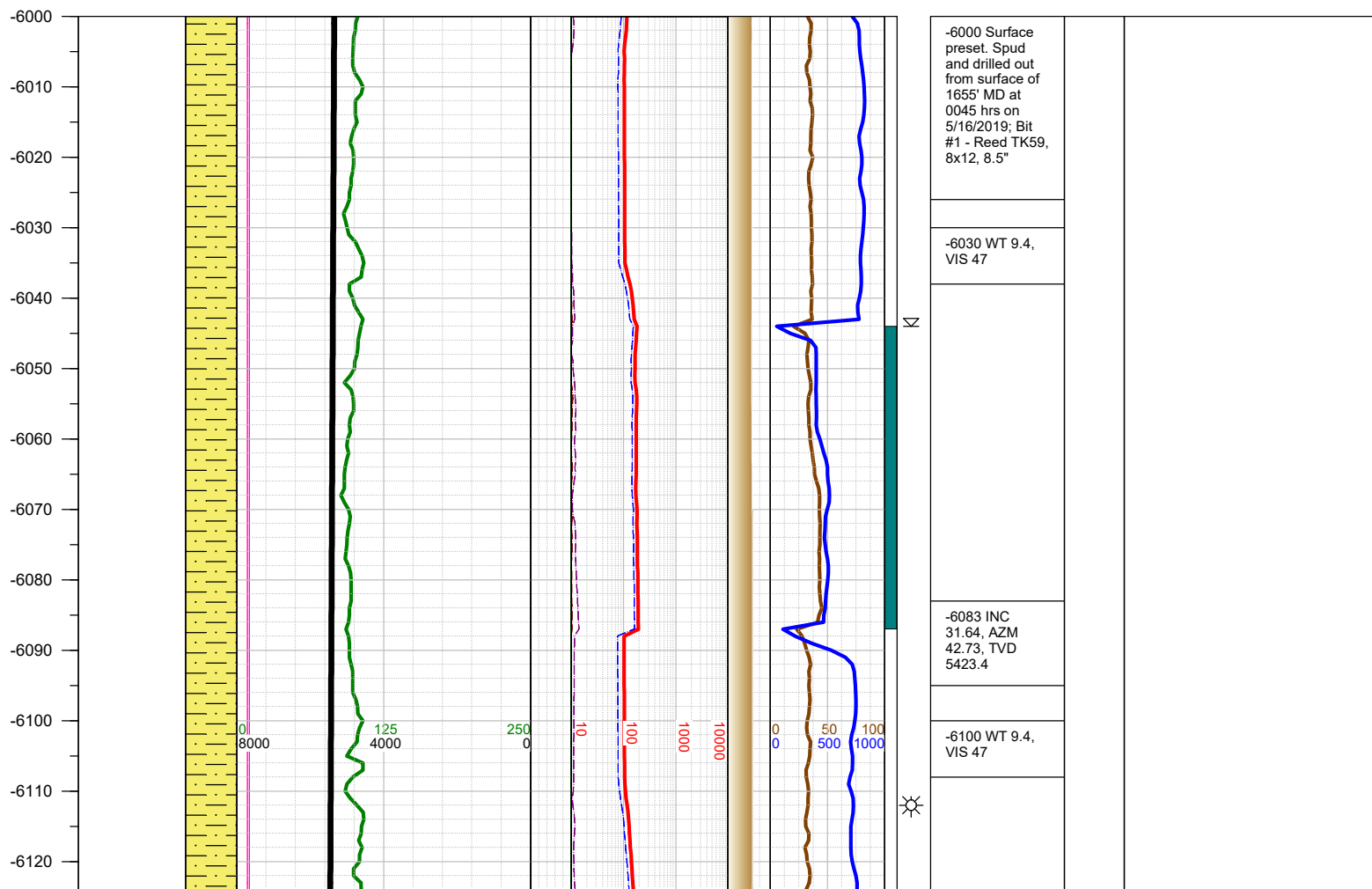
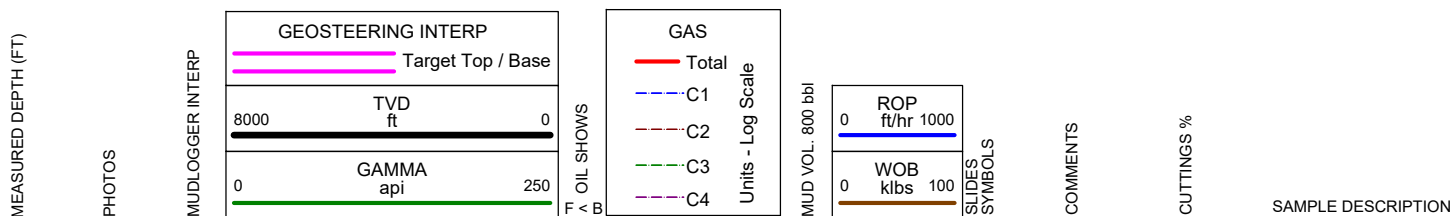
COUNTY: Broomfield
STATE: Colorado
GROUND ELEVATION: 5213'
KELLY BUSHING: 5242'
DRILLING FLUID: OBM
TVD VS. MD: 7638' / 18480'
SPUD DATE: May 16, 2019
TD DATE: May 19, 2019

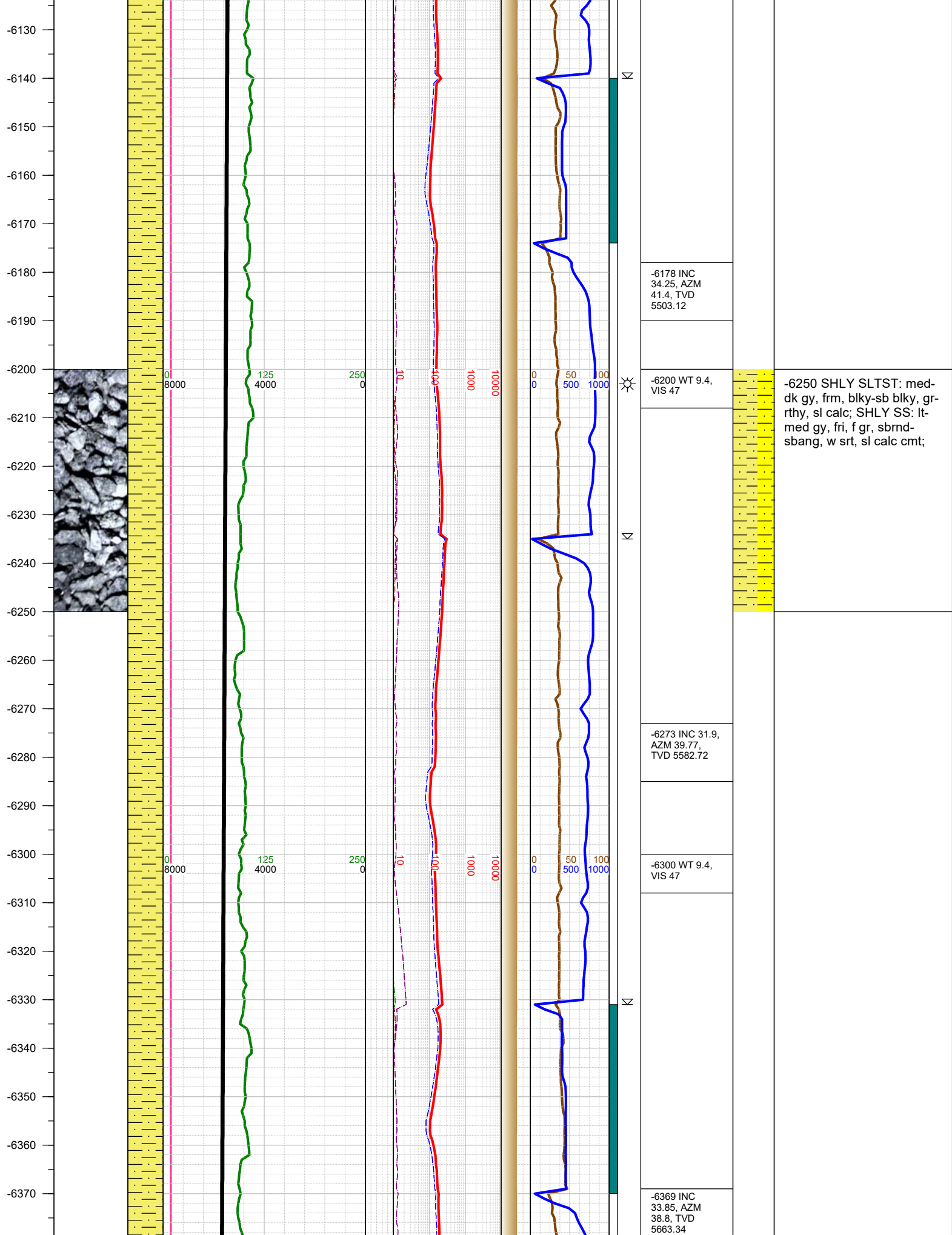
DEPTHS LOGGED: 6000' - 18480'
DATES LOGGED: May 16, 2019 - May 19, 2019
GEOLOGISTS: Nick Damon, Dominic Pitre
SCALE: 5" = 100'

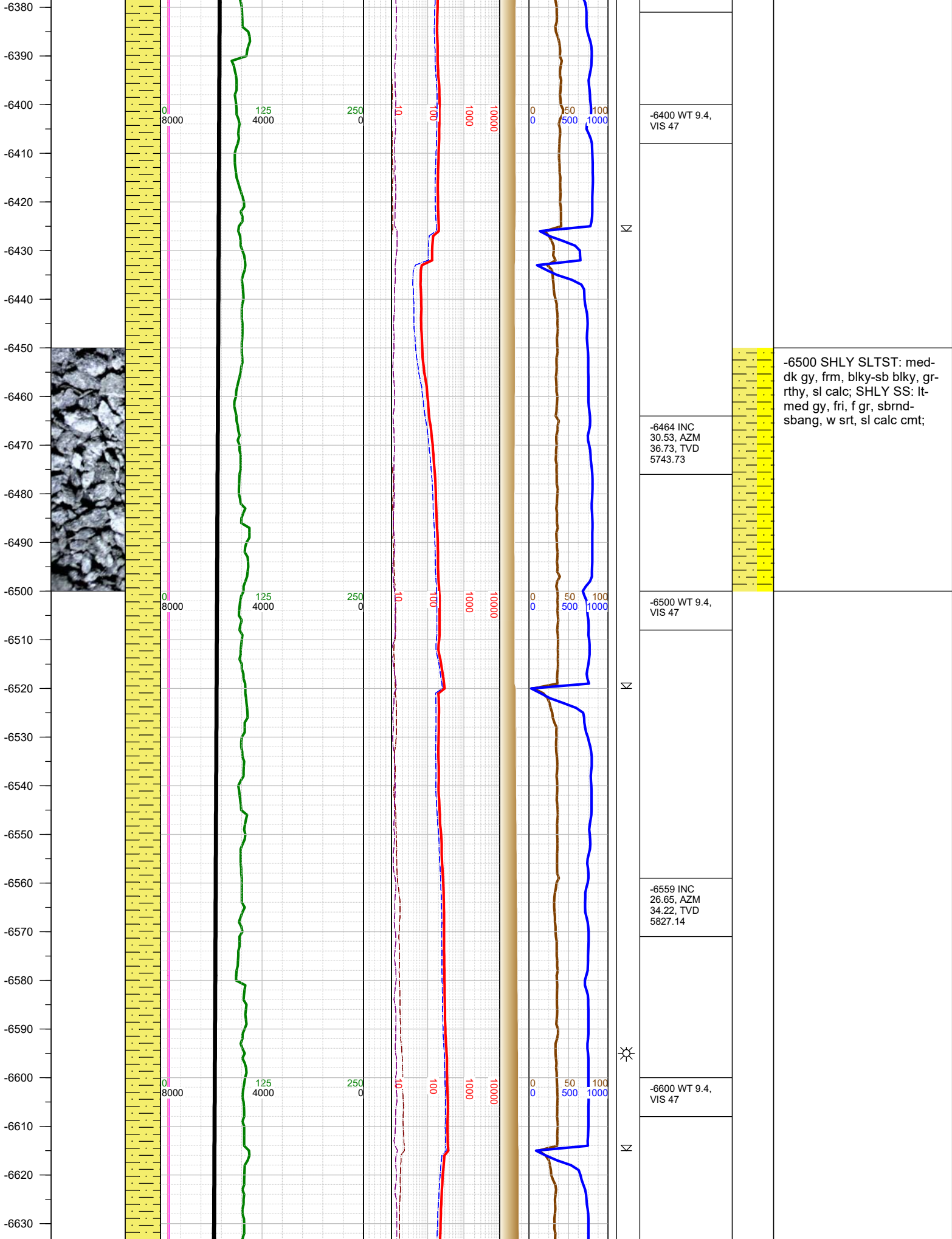
LEGEND

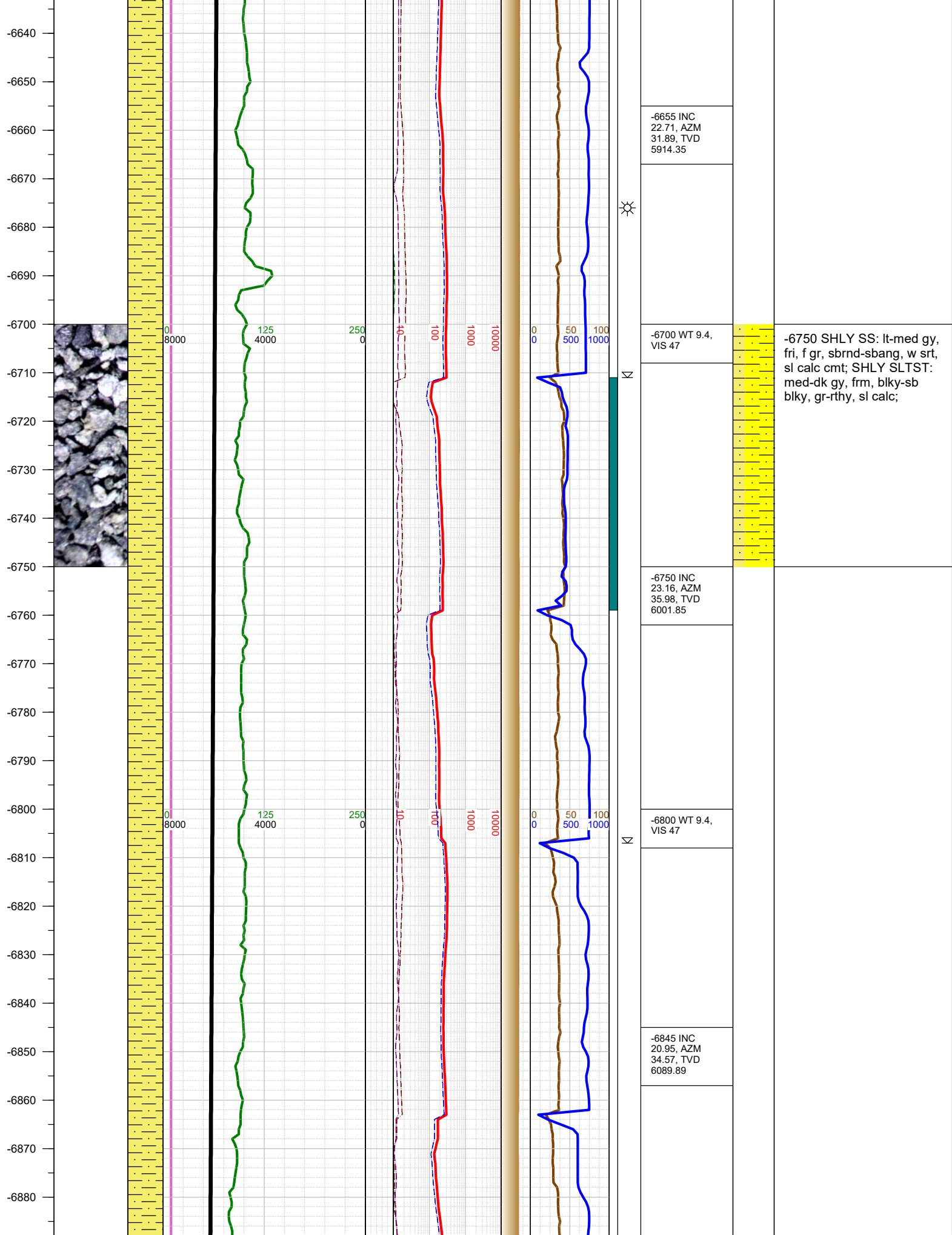


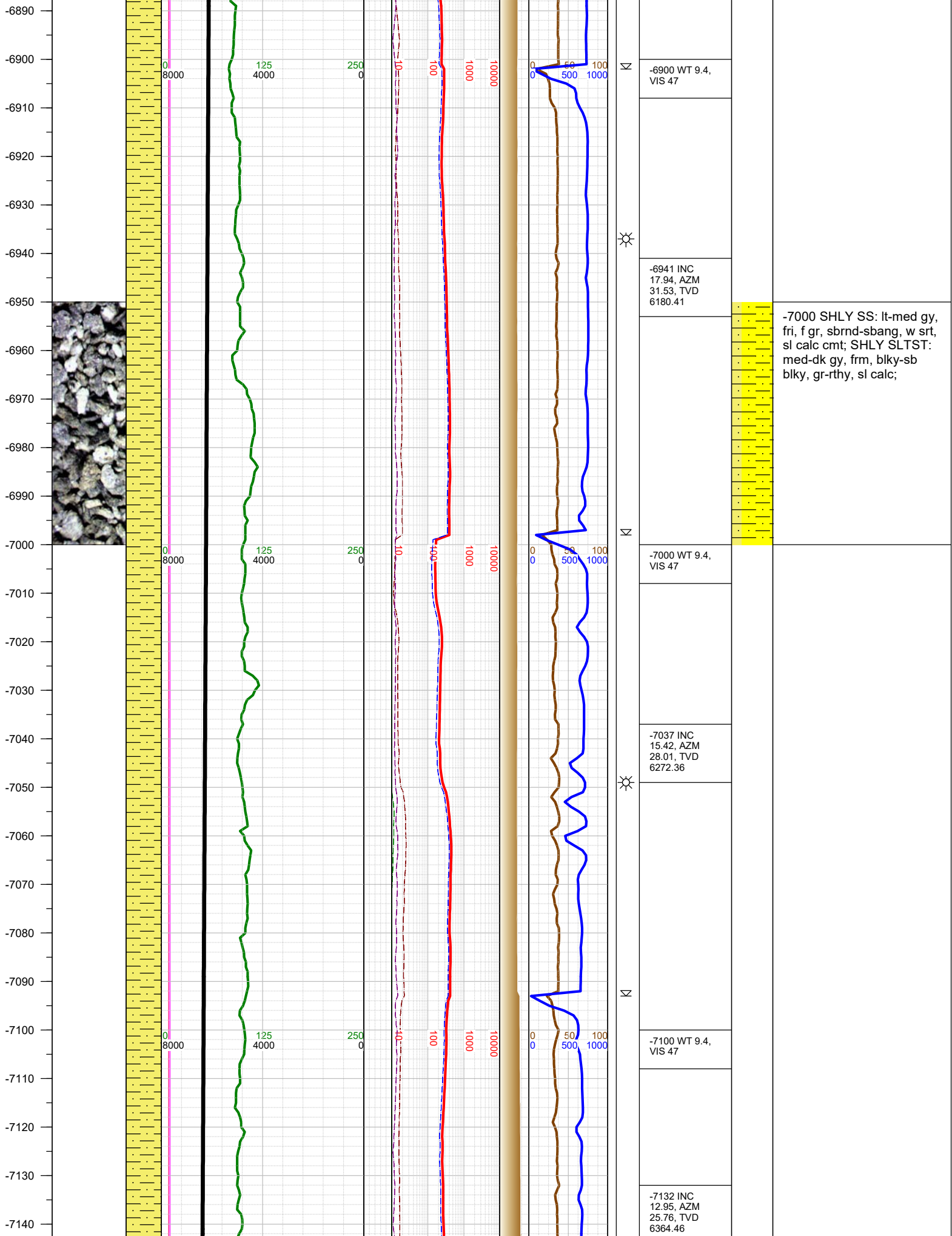
FORMATION \approx CONNECTION Δ MIDNIGHT NEW BIT GAS SHOW FAULT

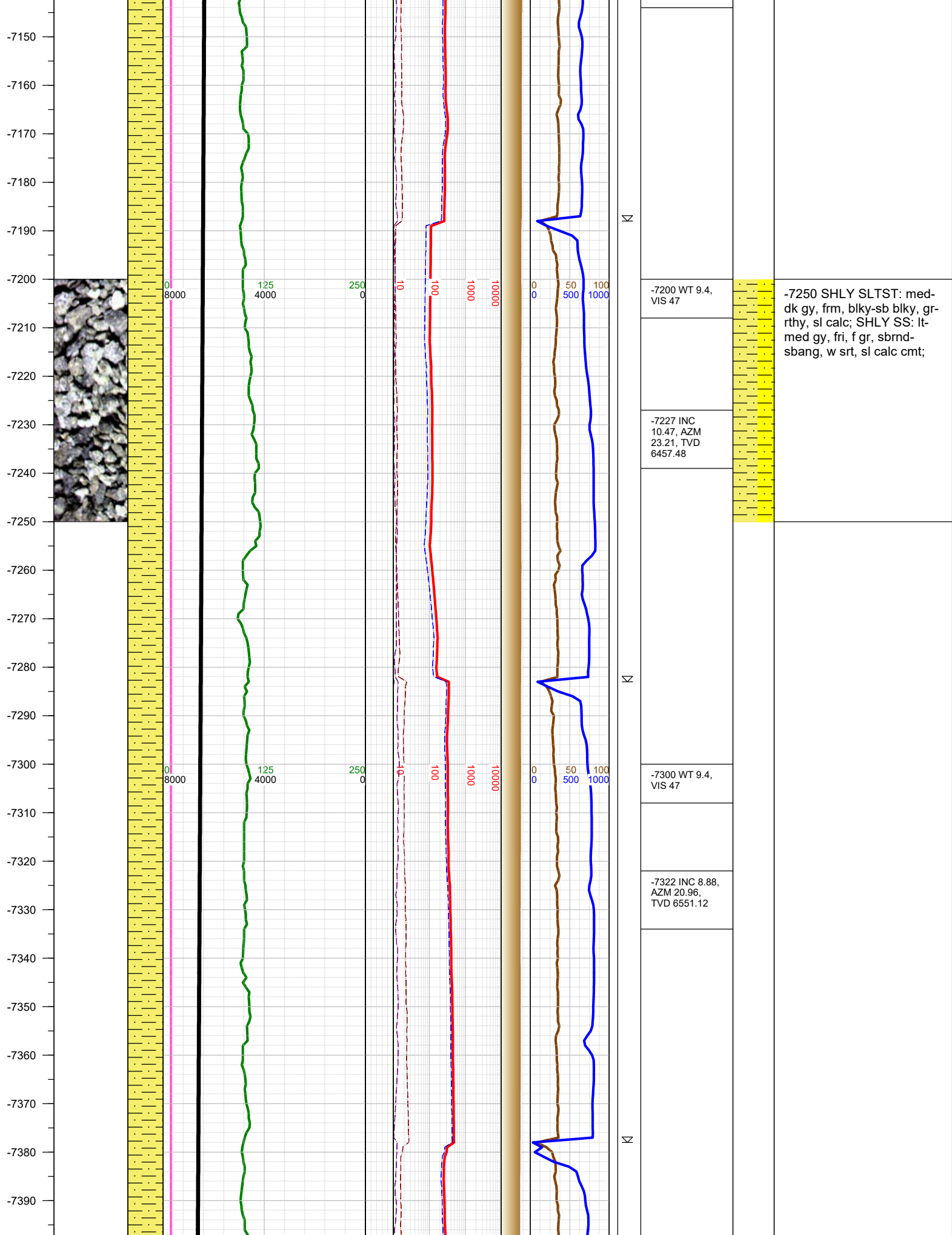


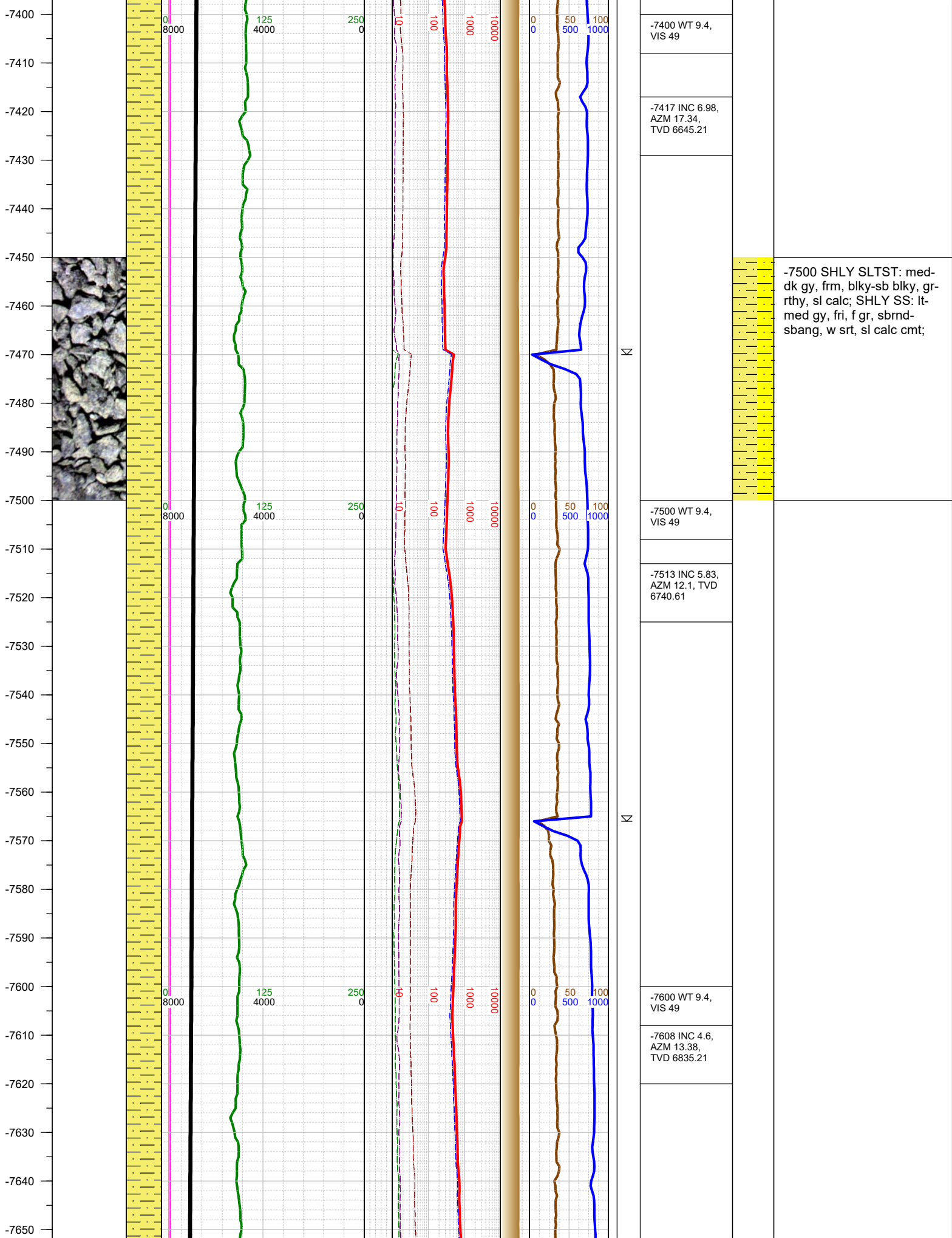


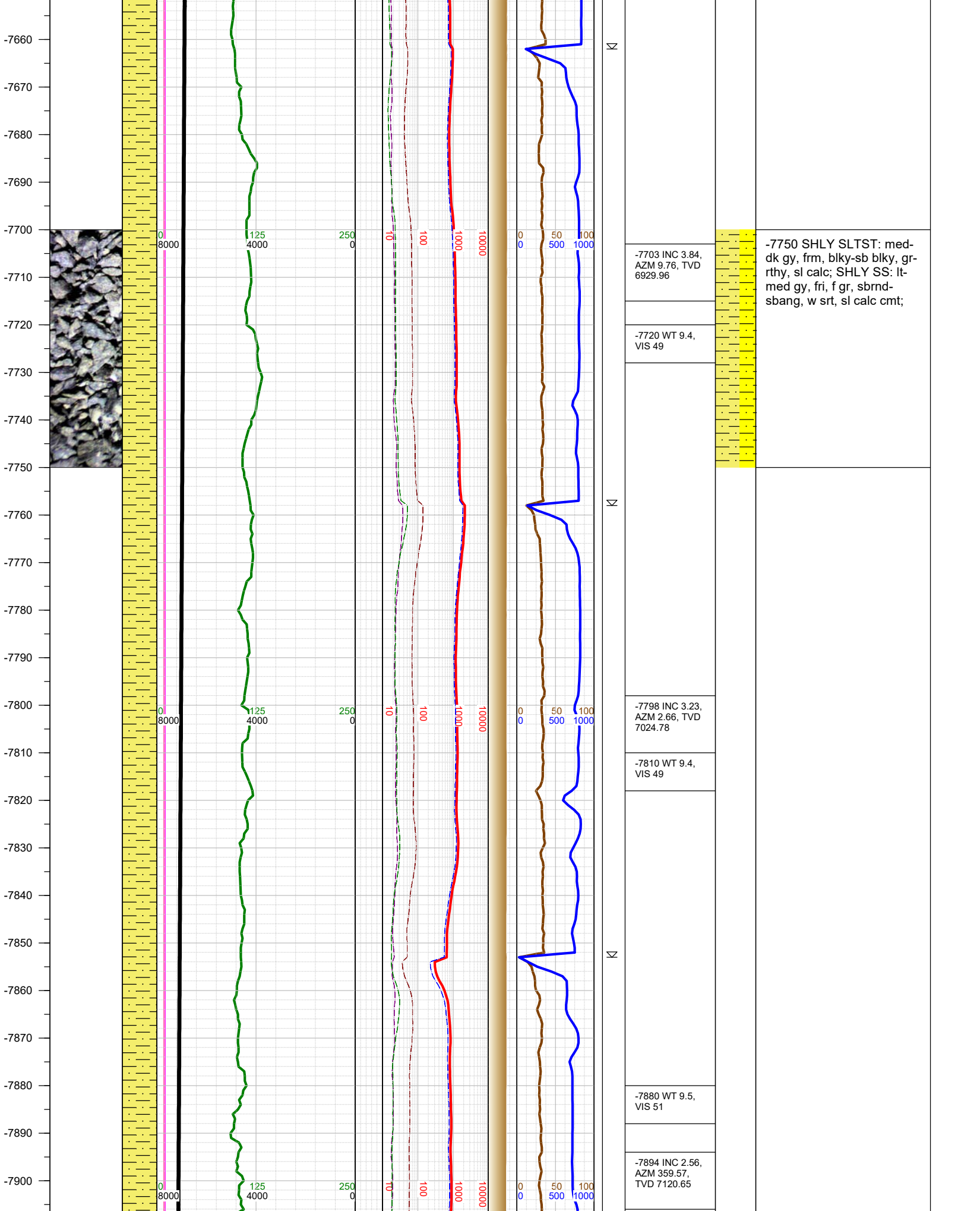


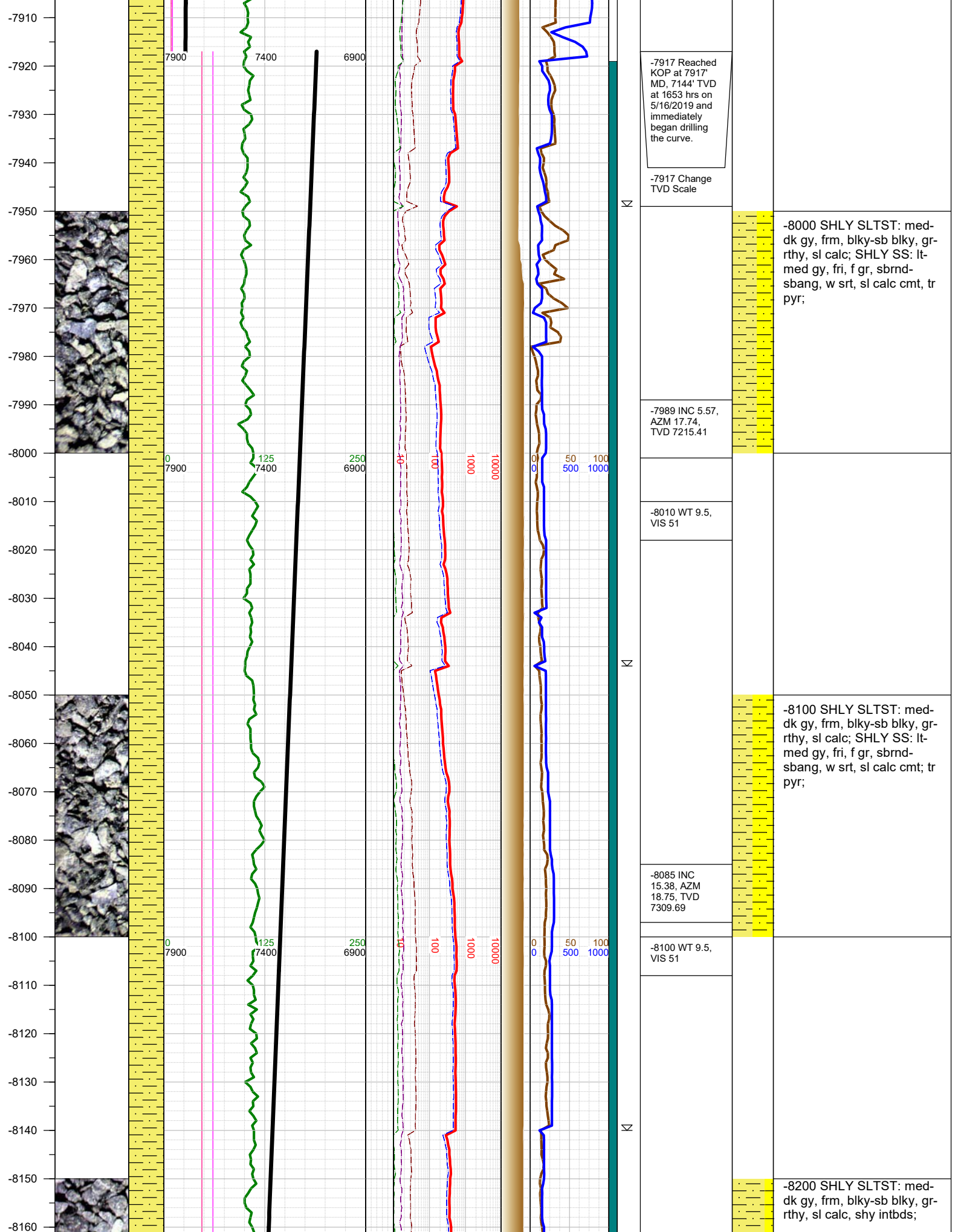


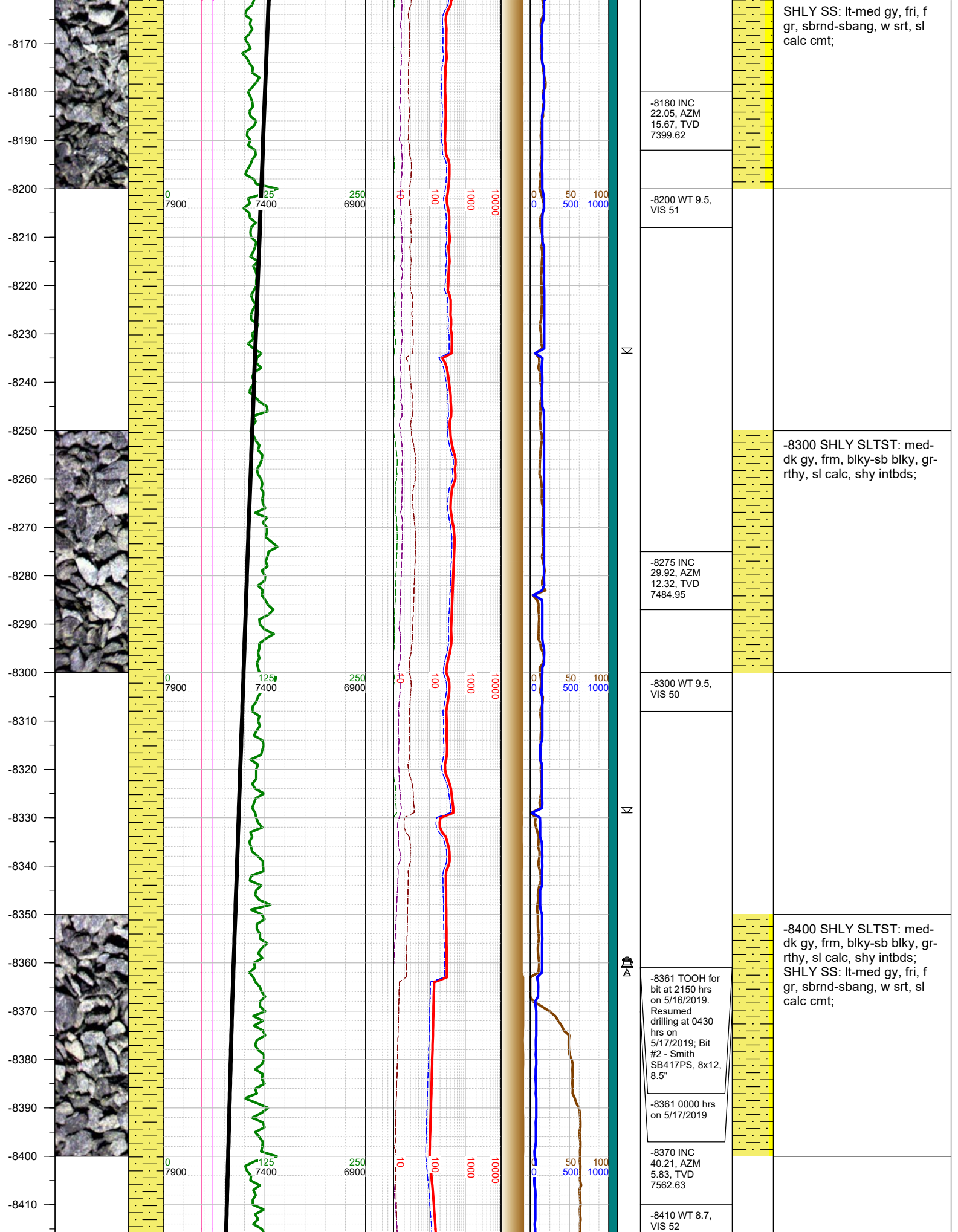


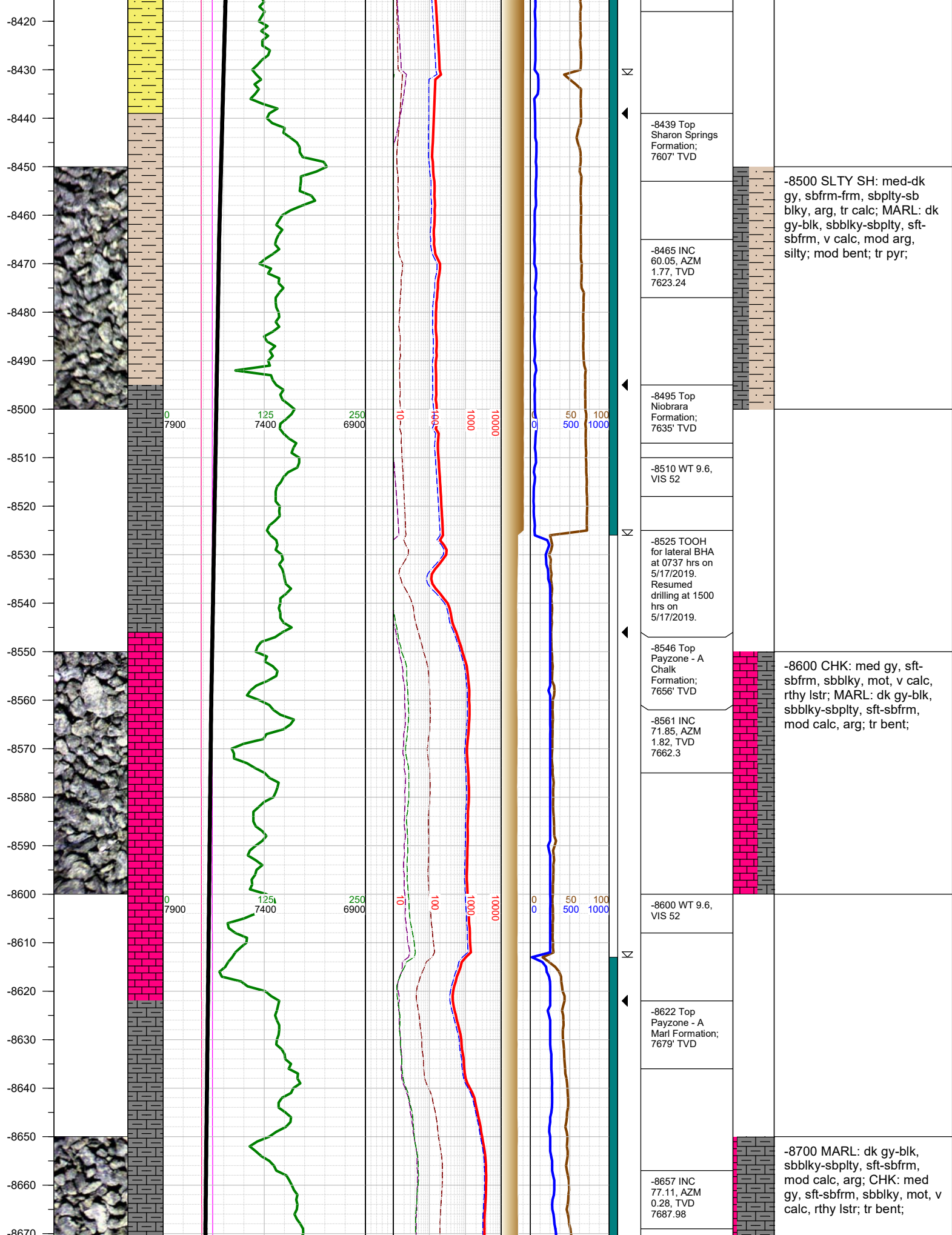


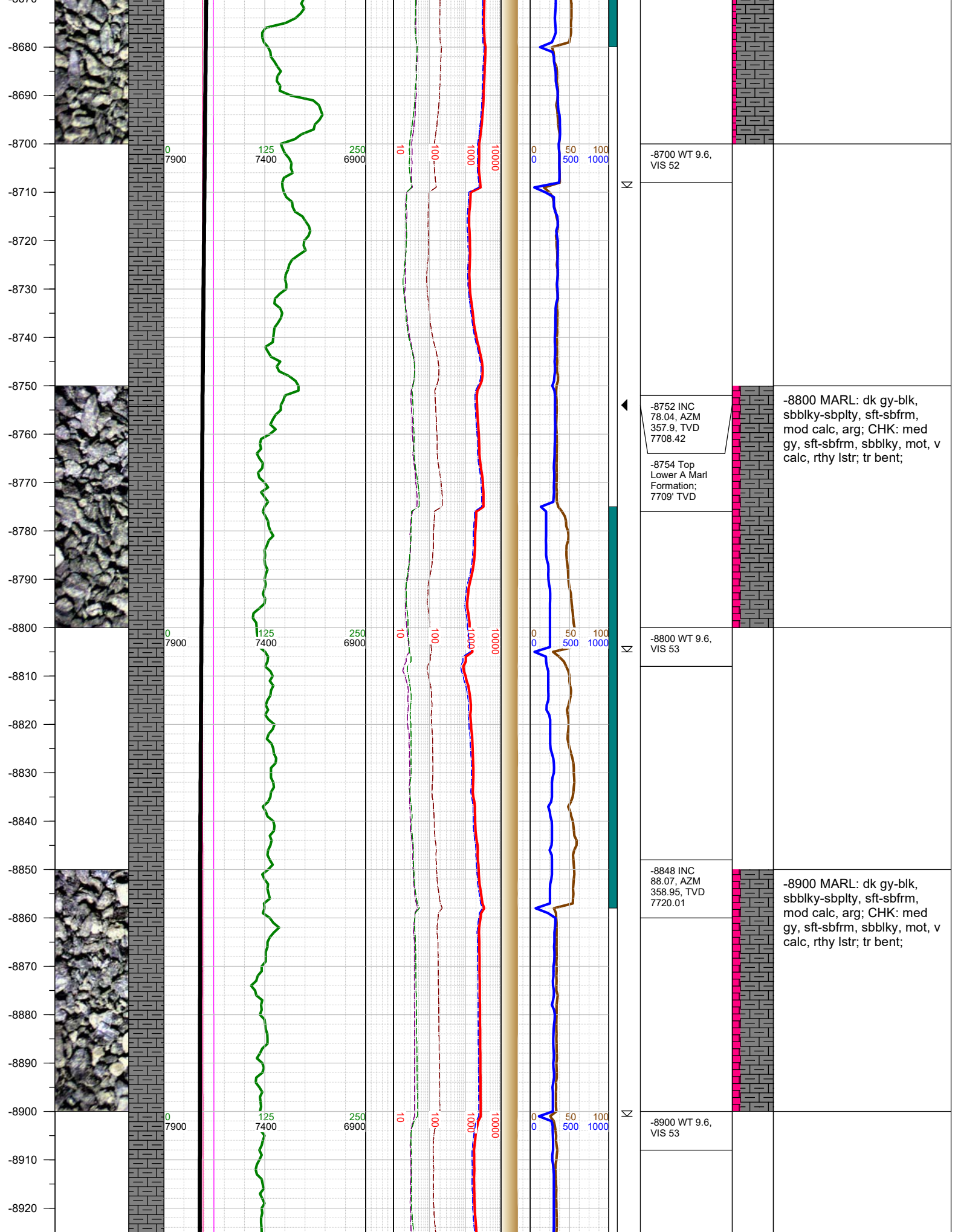


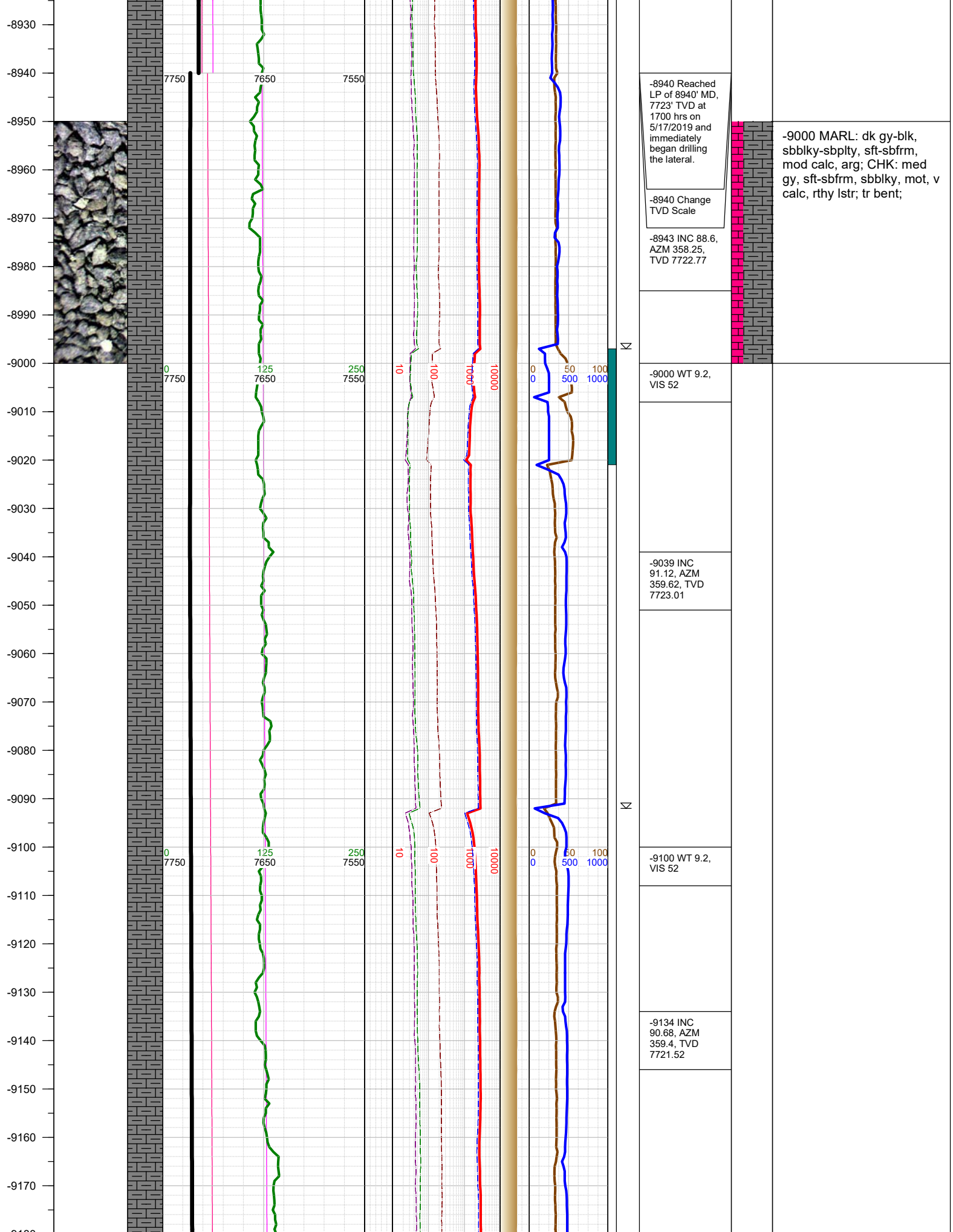


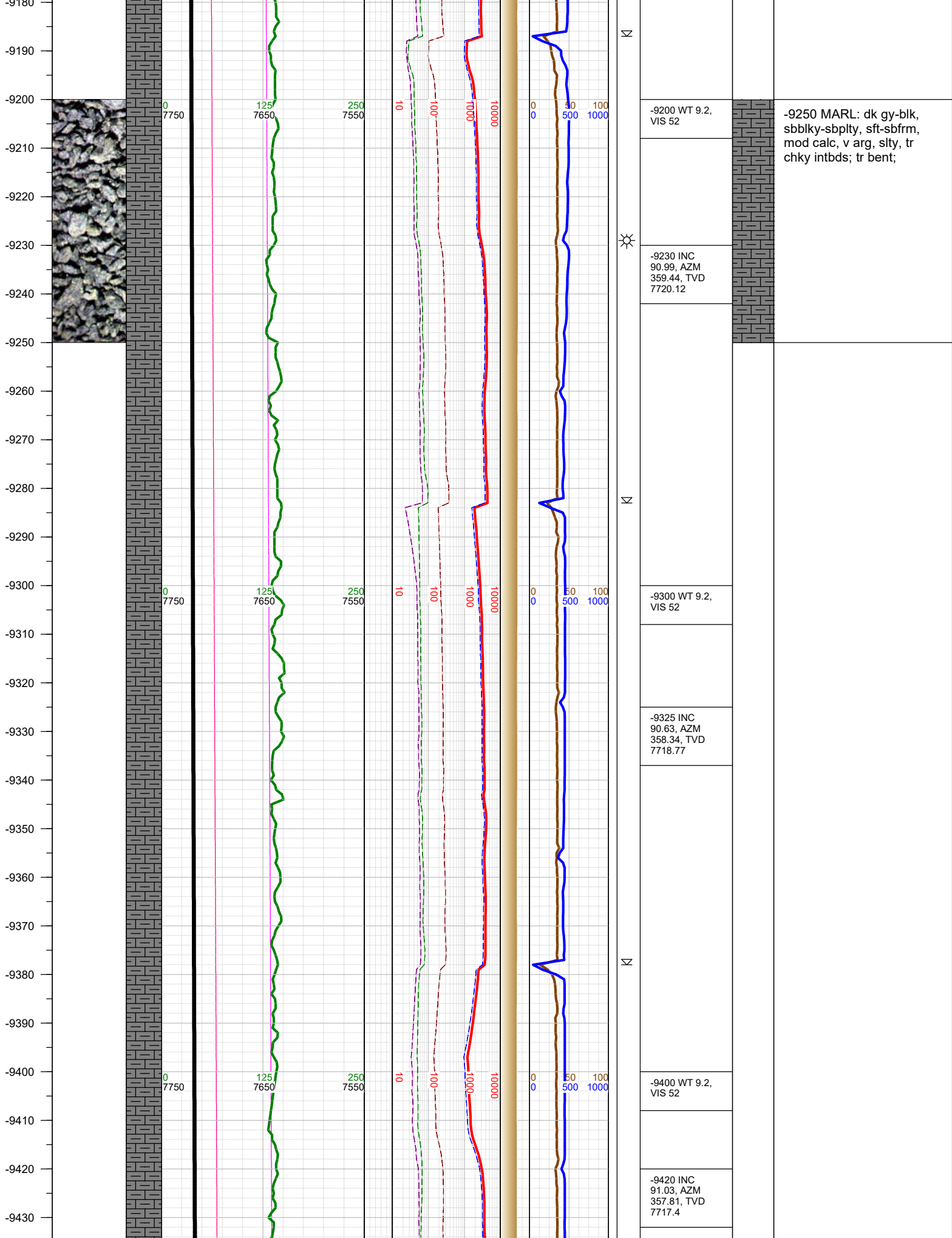




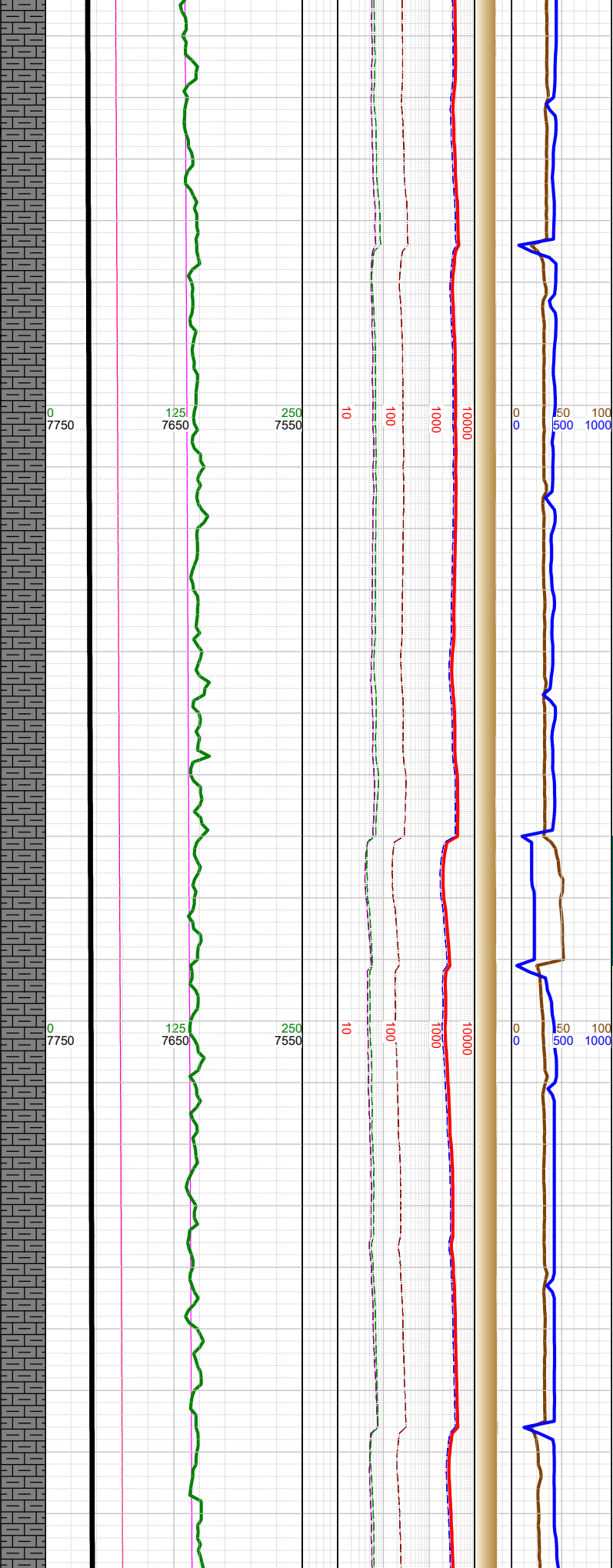
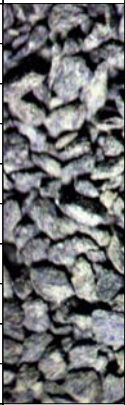








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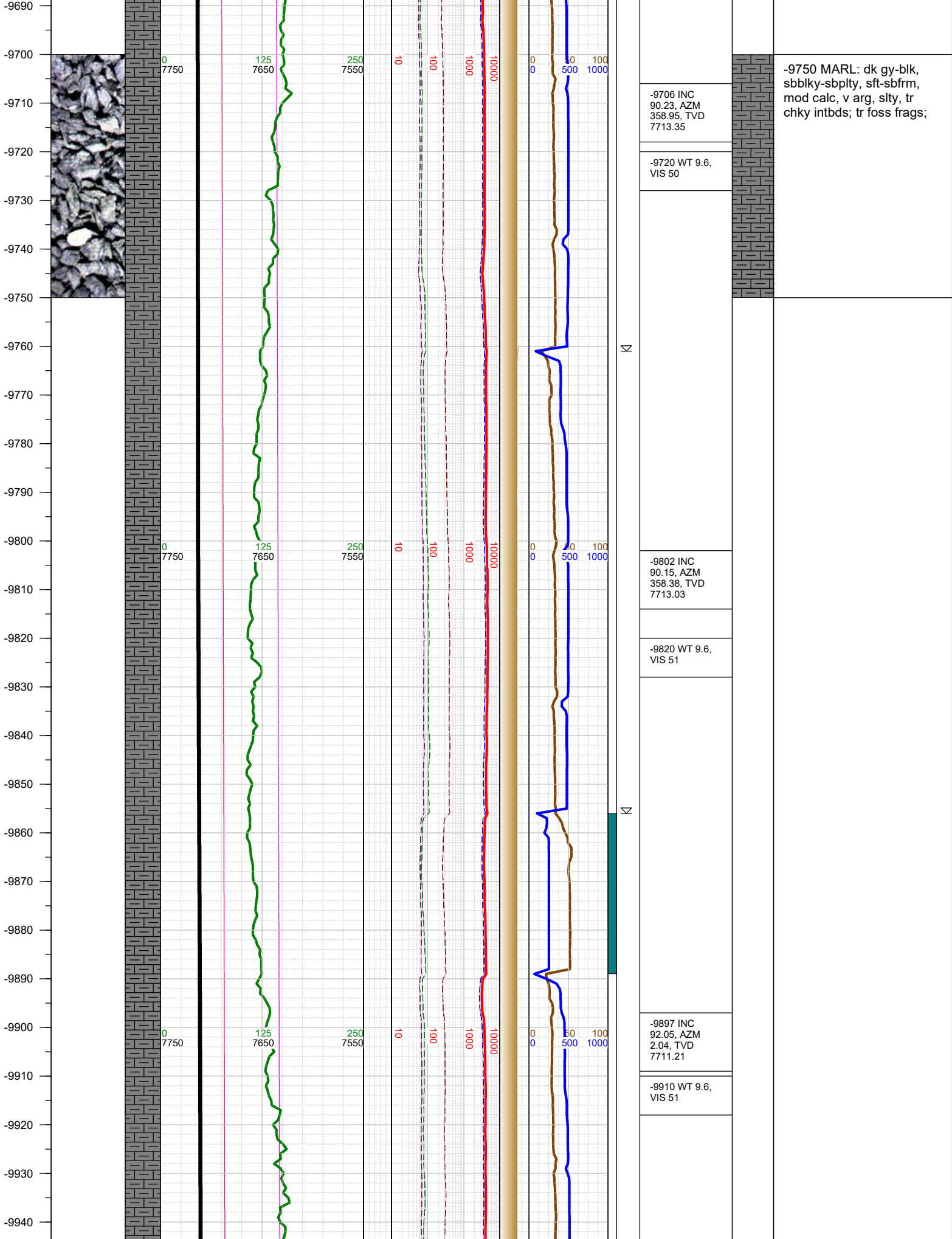
-9500 MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, mod calc, v arg, slty, tr chky intbds; tr bent;

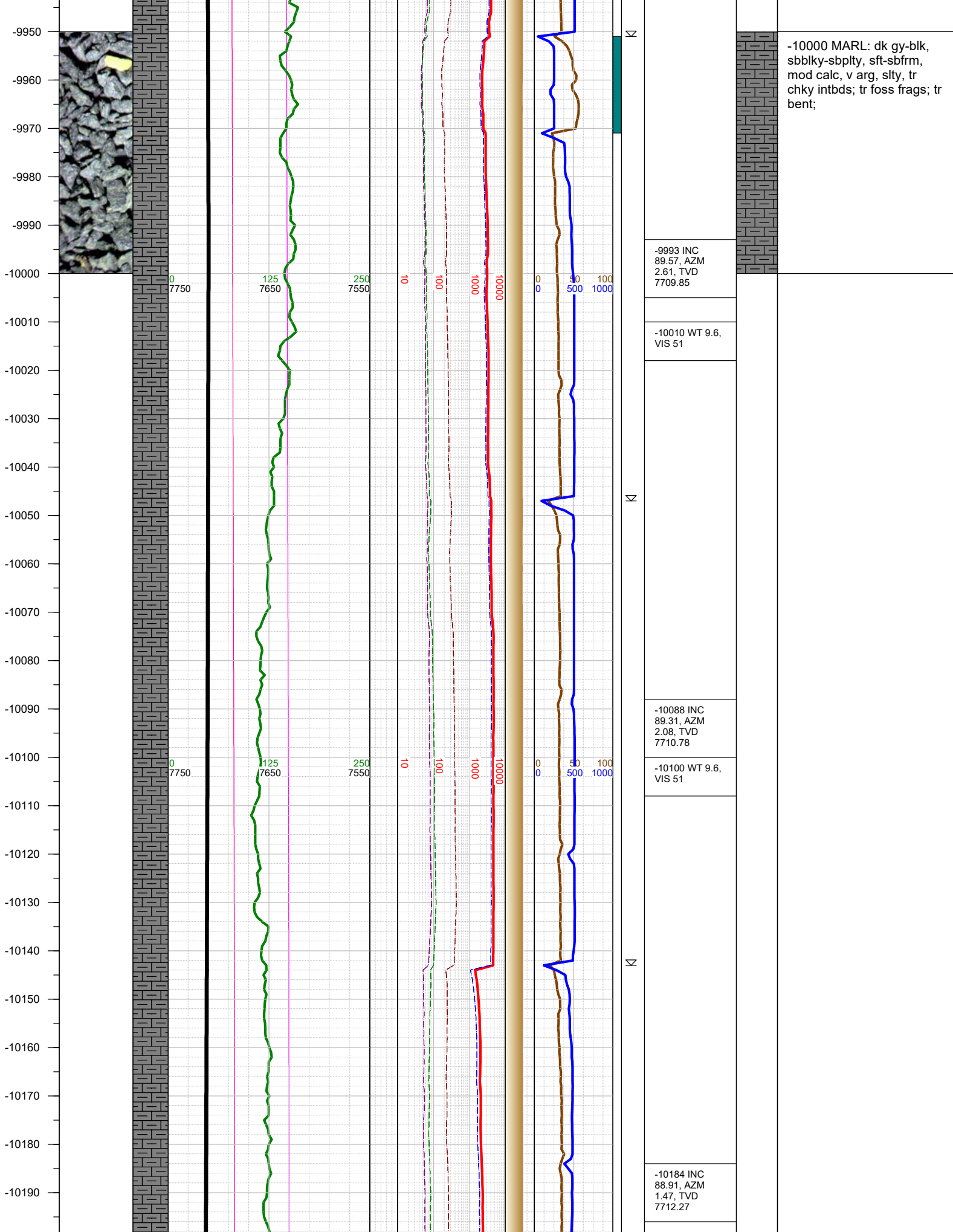
-9500 WT 9.6, VIS 50

-9516 INC 90.77, AZM 357.37, TVD 7715.89

-9600 WT 9.6, VIS 50

-9611 INC 91.03, AZM 359.57, TVD 7714.4





-10000 MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, mod calc, v arg, slty, tr chky intbds; tr foss frags; tr bent;

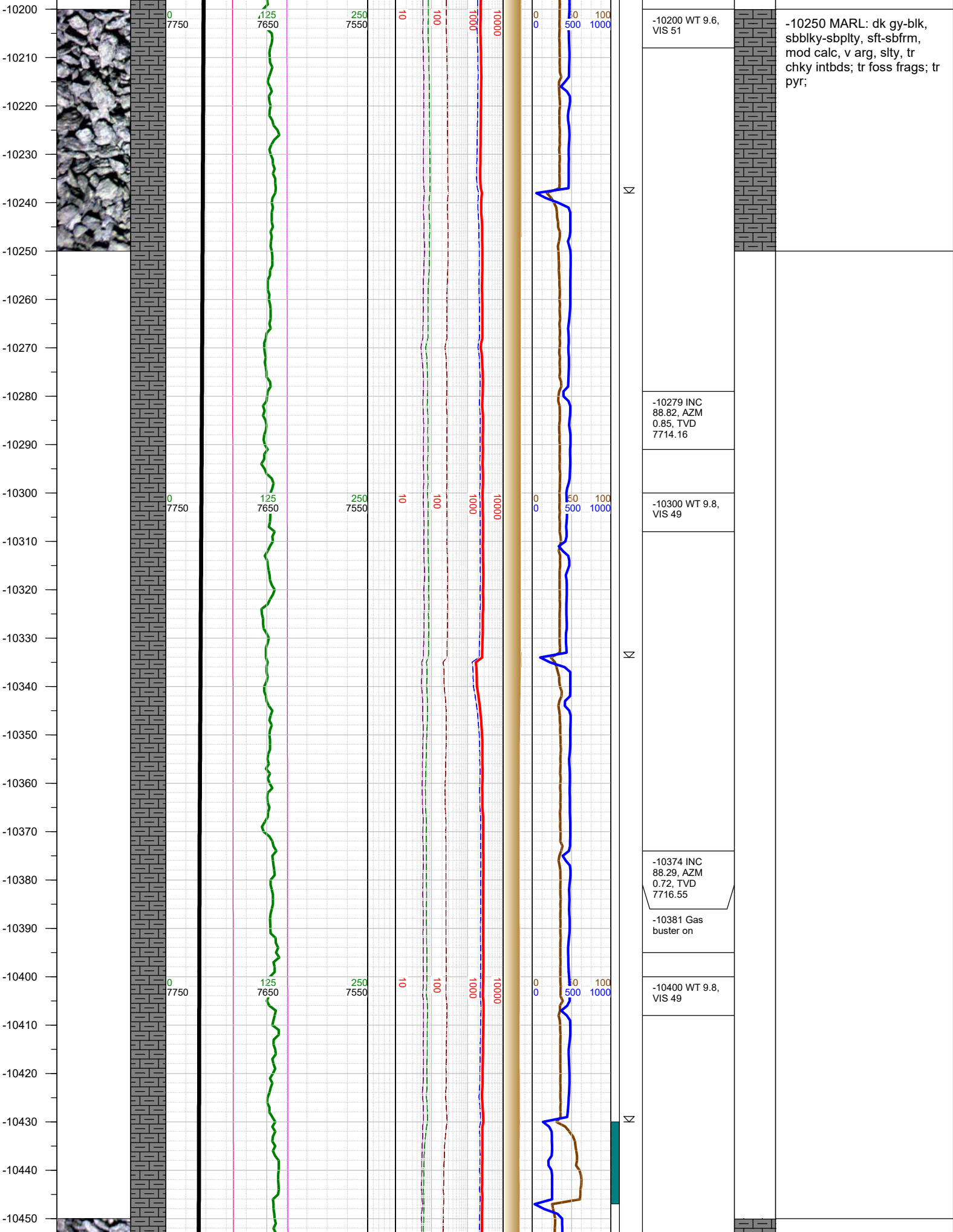
-9993 INC
89.57, AZM
2.61, TVD
7709.85

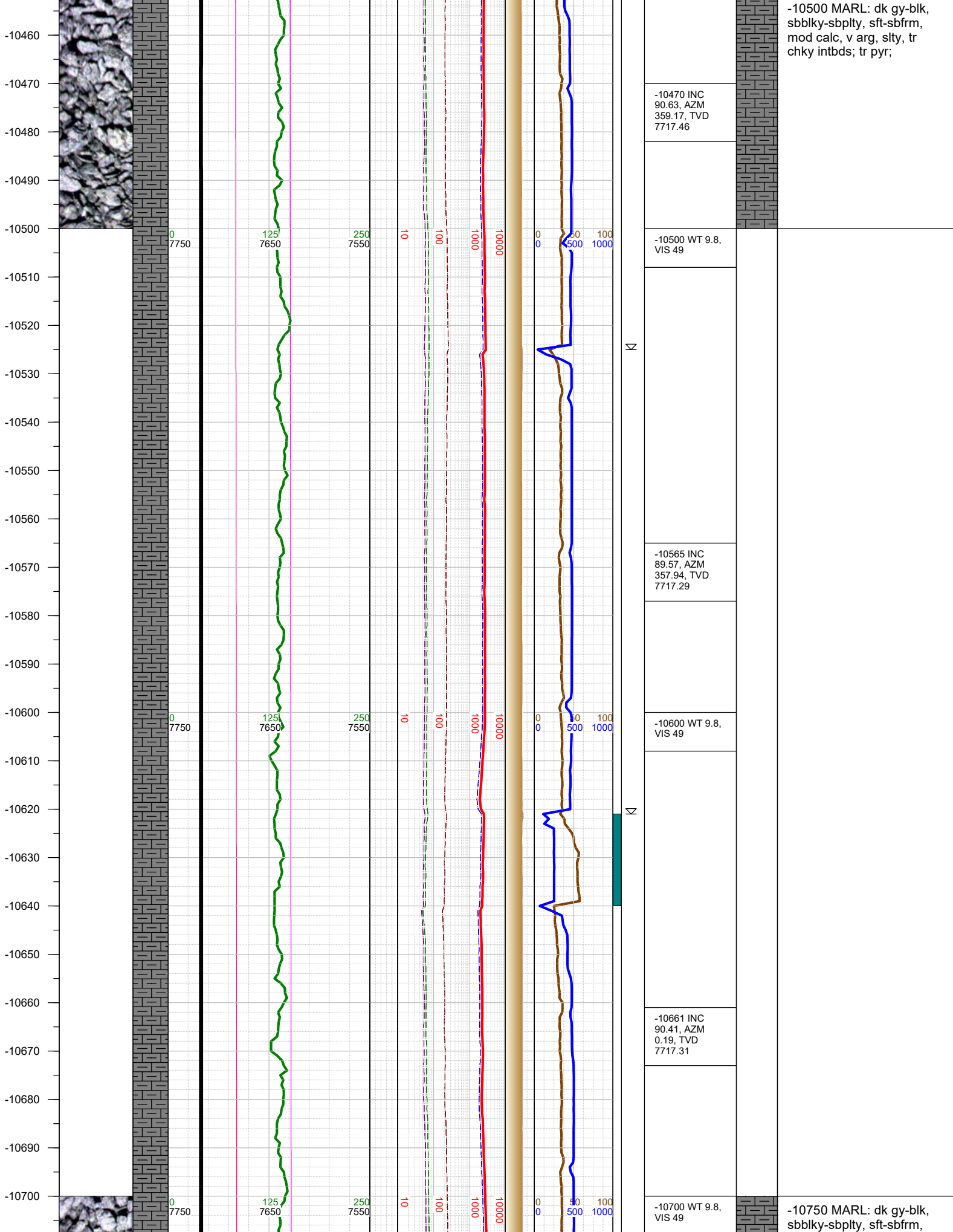
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VIS 51

-10088 INC
89.31, AZM
2.08, TVD
7710.78

-10100 WT 9.6,
VIS 51

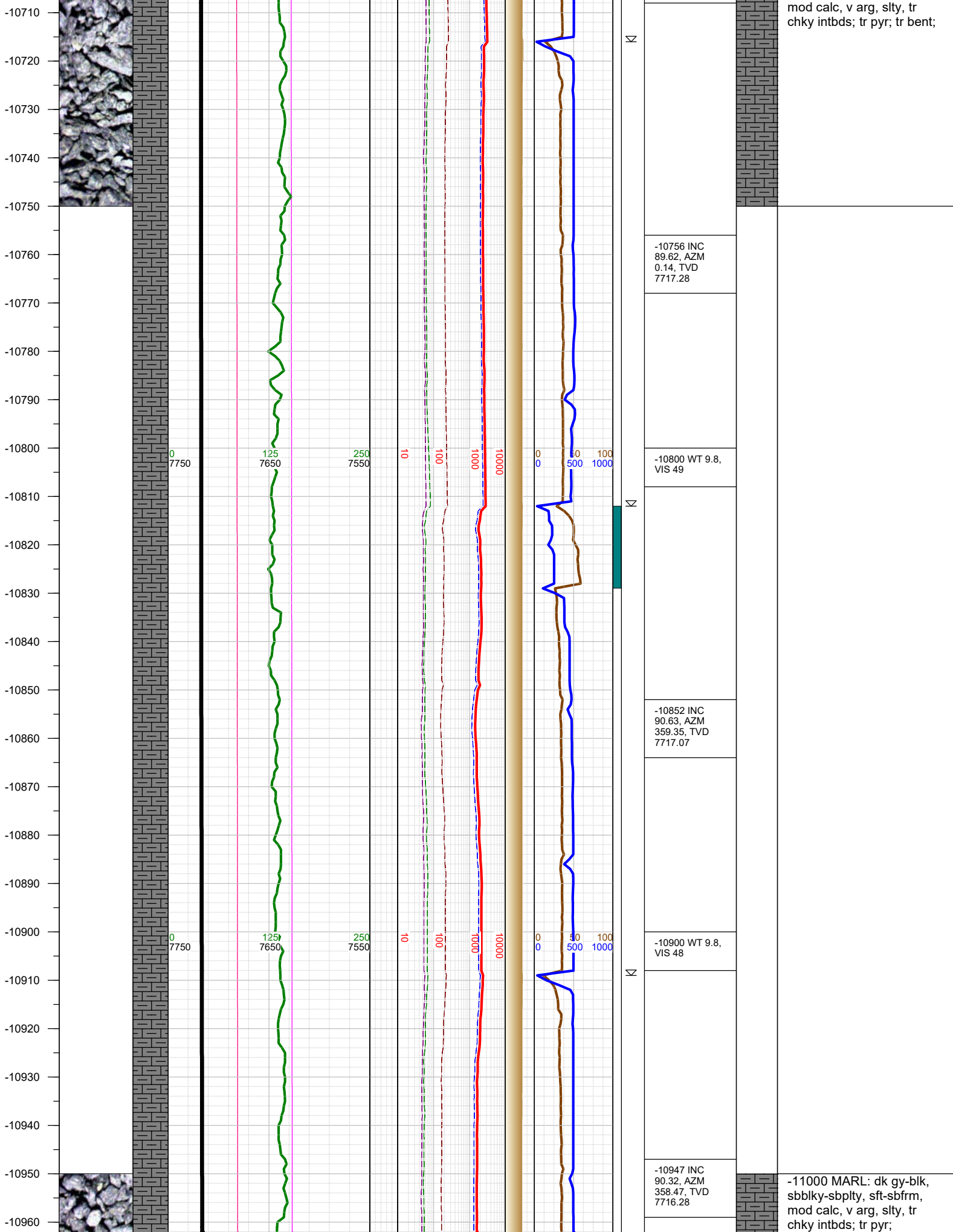
-10184 INC
88.91, AZM
1.47, TVD
7712.27



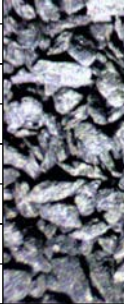


-10500 MARL: dk gy-blk, sbblky-sbply, sft-sbfrm, mod calc, v arg, slty, tr chky intbds; tr pyr;

-10750 MARL: dk gy-blk, sbblky-sbply, sft-sbfrm,



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-11000 WT 9.8,
VIS 48

-11043 INC
90.01, AZM
358.03, TVD
7716.01

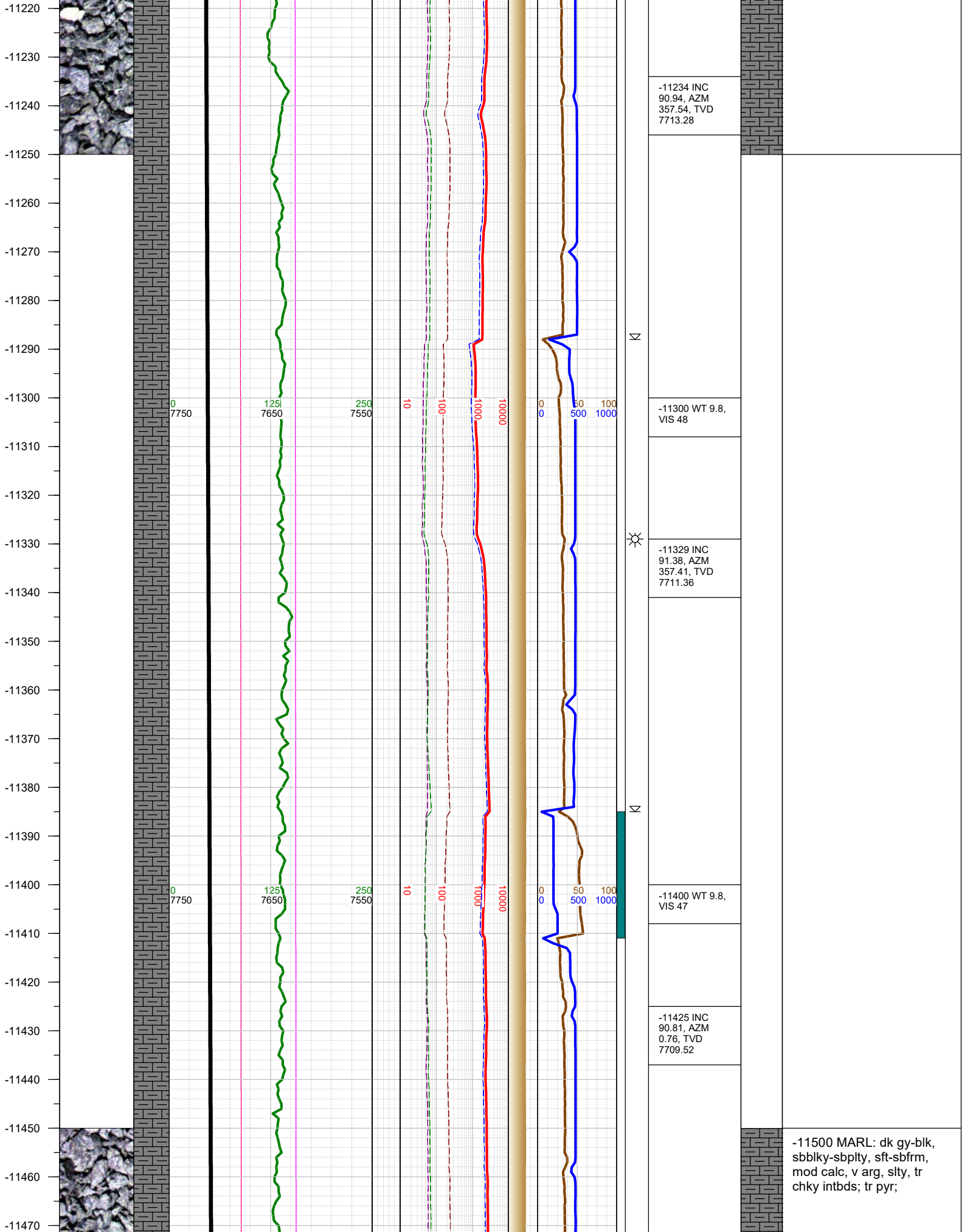
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VIS 48

-11138 INC
91.16, AZM
358.25, TVD
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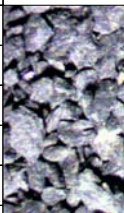
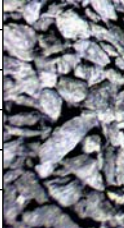
-11144 0000 hrs
on 5/18/2019

-11200 WT 9.8,
VIS 48

-11250 MARL: dk gy-blk,
sbbly-sbply, sft-sbfrm,
mod calc, v arg, slty, tr
chky intbds; tr pyr;



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-11500 WT 9.8,
VIS 47

-11520 INC
91.07, AZM 0.1,
TVD 7707.96

-11600 WT 9.8,
VIS 47

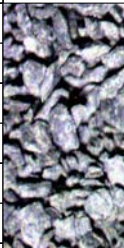
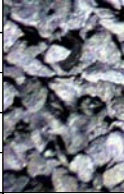
-11615 INC
89.93, AZM
0.76, TVD
7707.13

-11700 WT 9.8,
VIS 47

-11711 INC
90.06, AZM
0.19, TVD
7707.14

-11750 MARL: dk gy-blk,
sbbly-sbply, sft-sbfrm,
mod calc, v arg, slty, tr
chky intbds; mod pyr; tr
bent;

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-11806 INC
90.5, AZM
359.79, TVD
7706.68

-11820 WT 9.8,
VIS 47

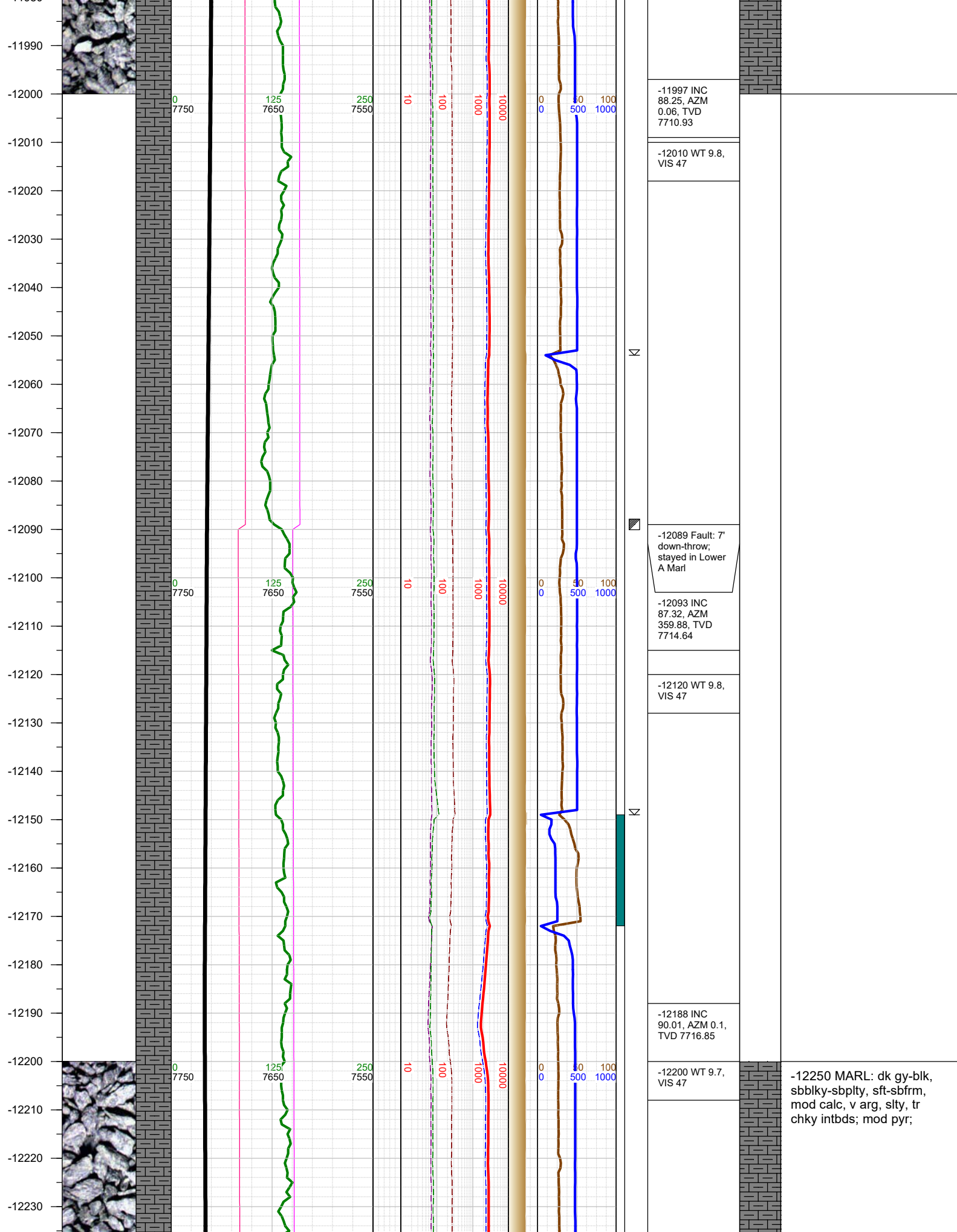
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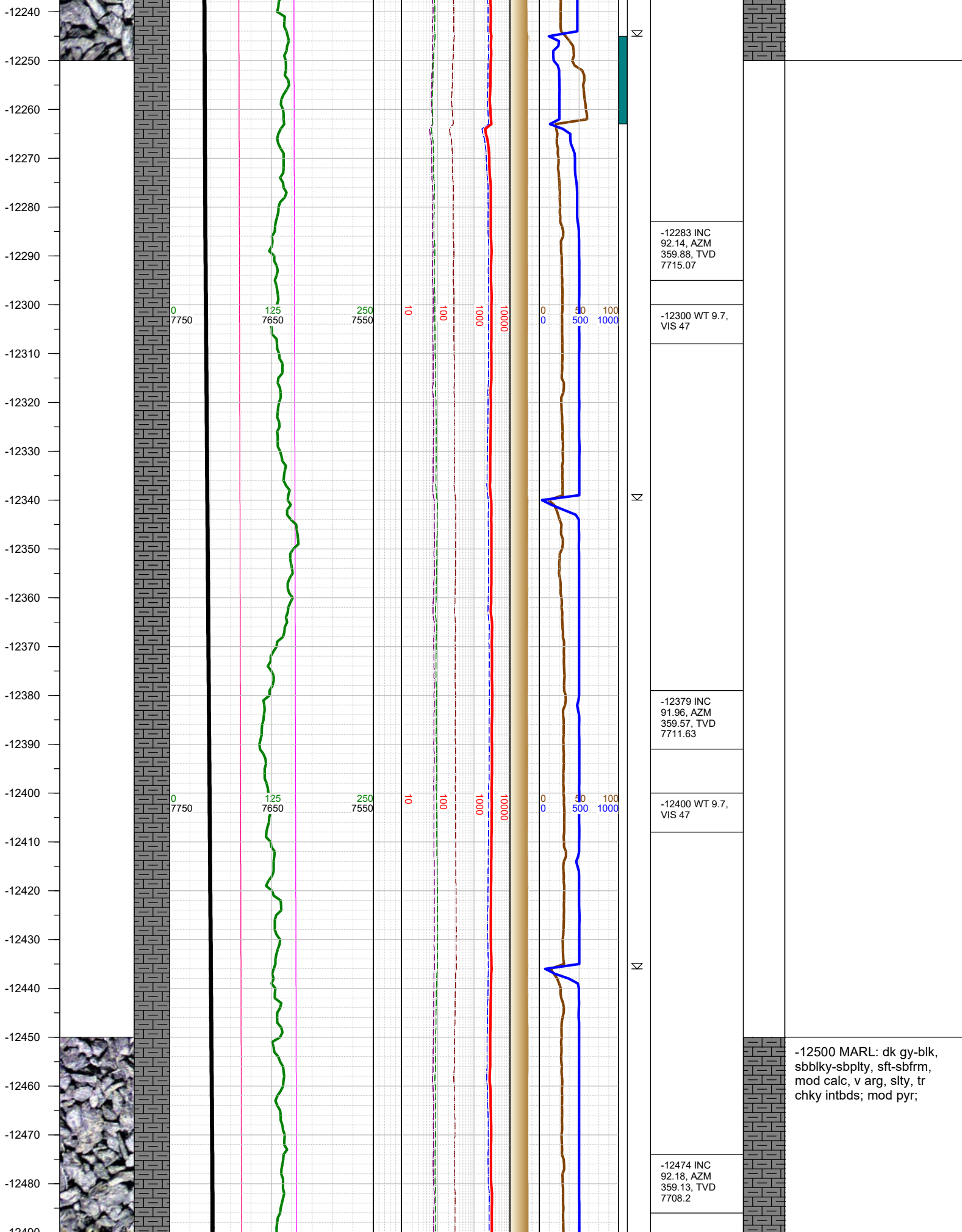
-11902 INC
88.07, AZM
0.58, TVD
7707.88

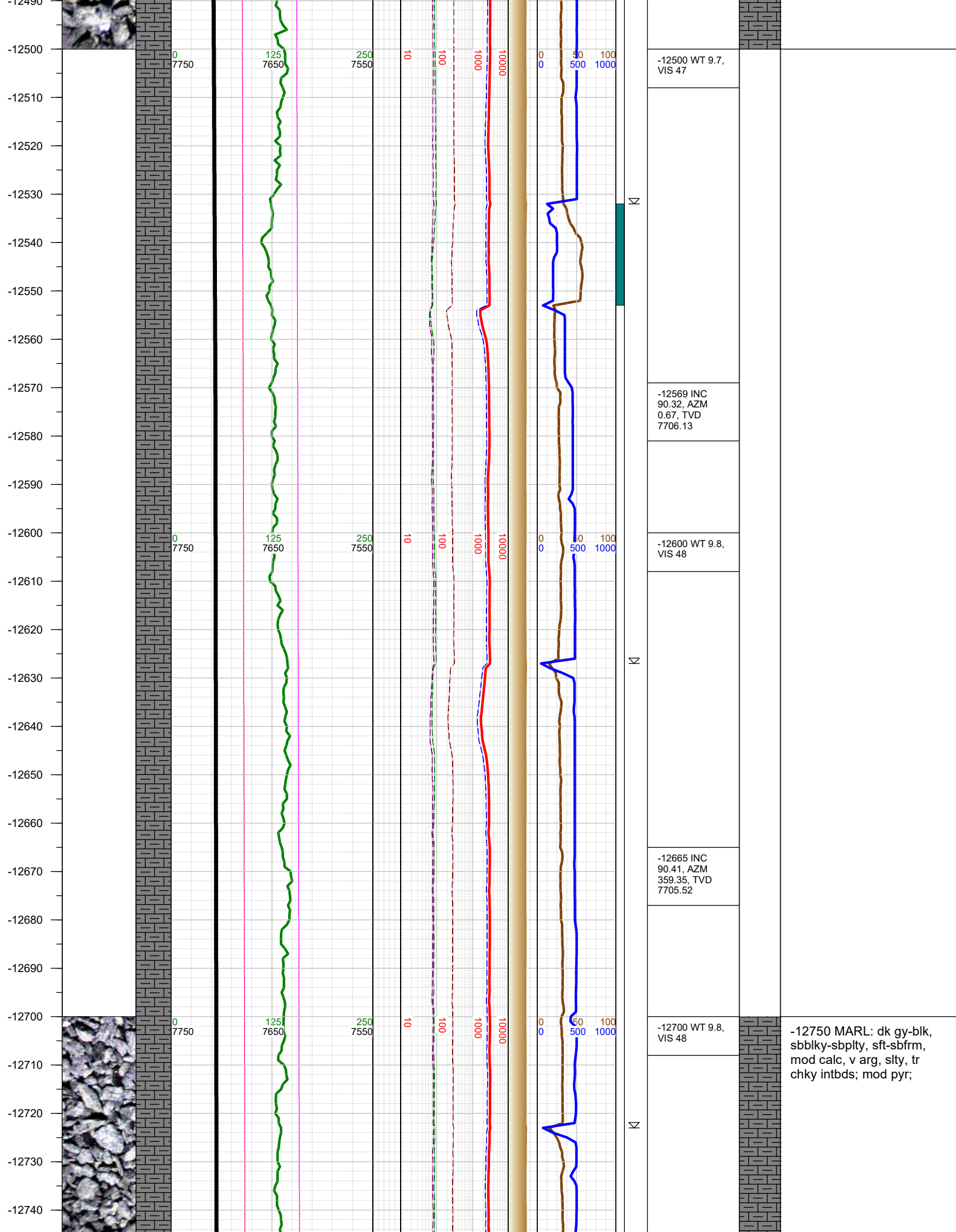
-11920 WT 9.8,
VIS 47

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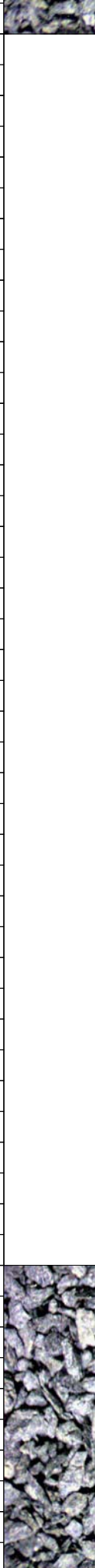
-12000 MARL: dk gy-blk,
sbbly-sbply, sft-sbfrm,
mod calc, v arg, slty, tr
chky intbds; mod pyr; tr
bent;







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-12760 INC
90.37, AZM
358.47, TVD
7704.87

-12800 WT 9.8,
VIS 48

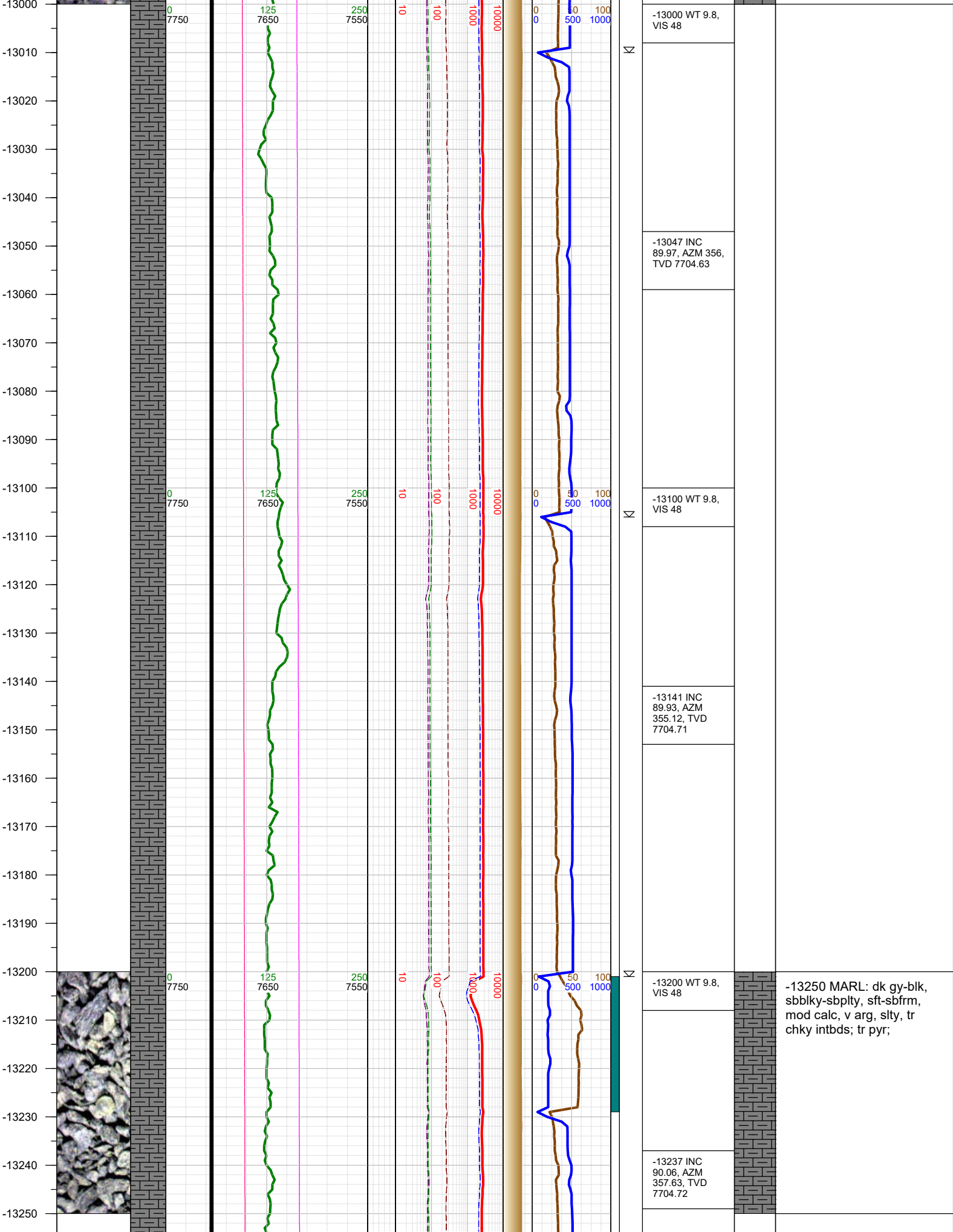
-12855 INC
90.32, AZM
358.25, TVD
7704.3

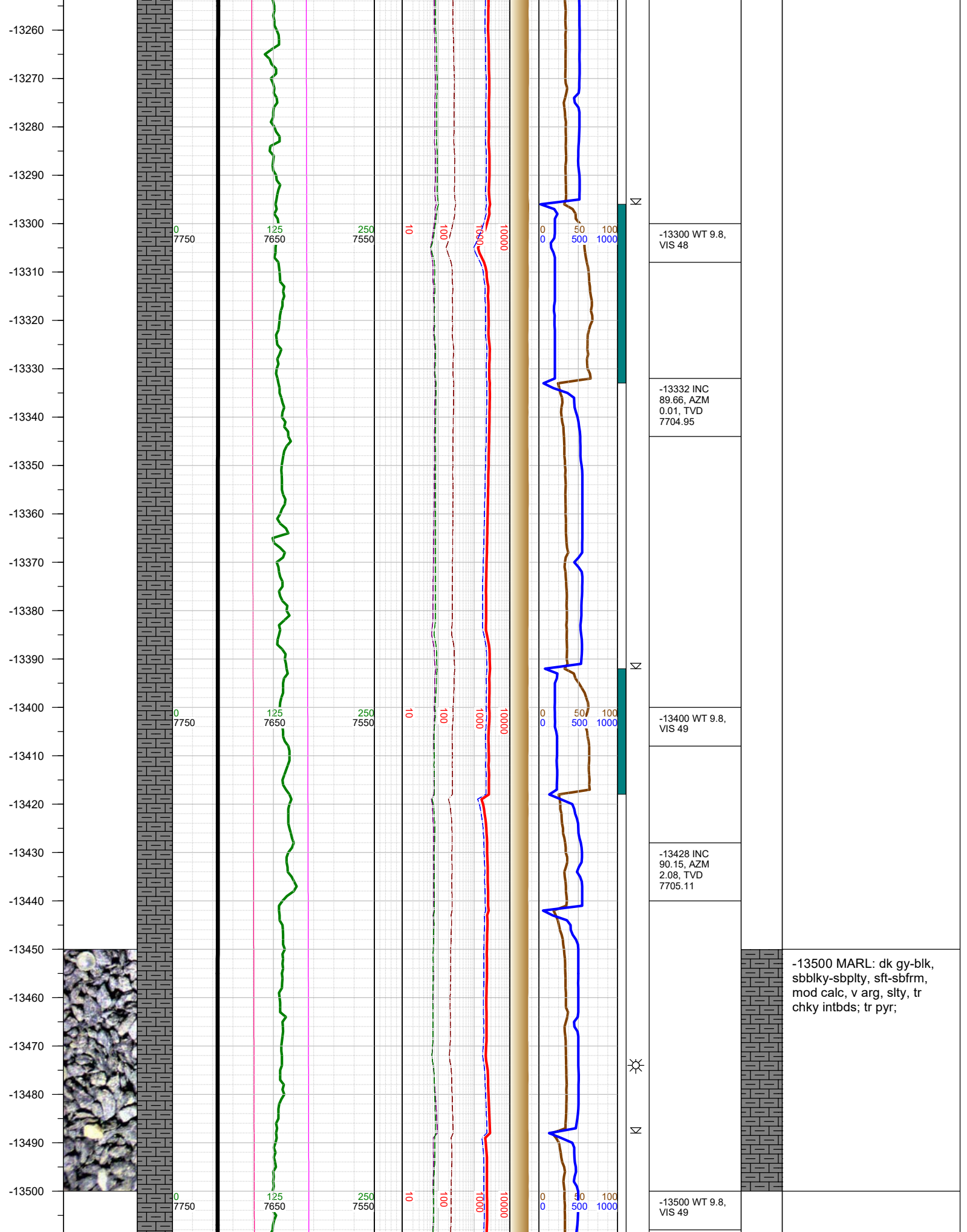
-12900 WT 9.8,
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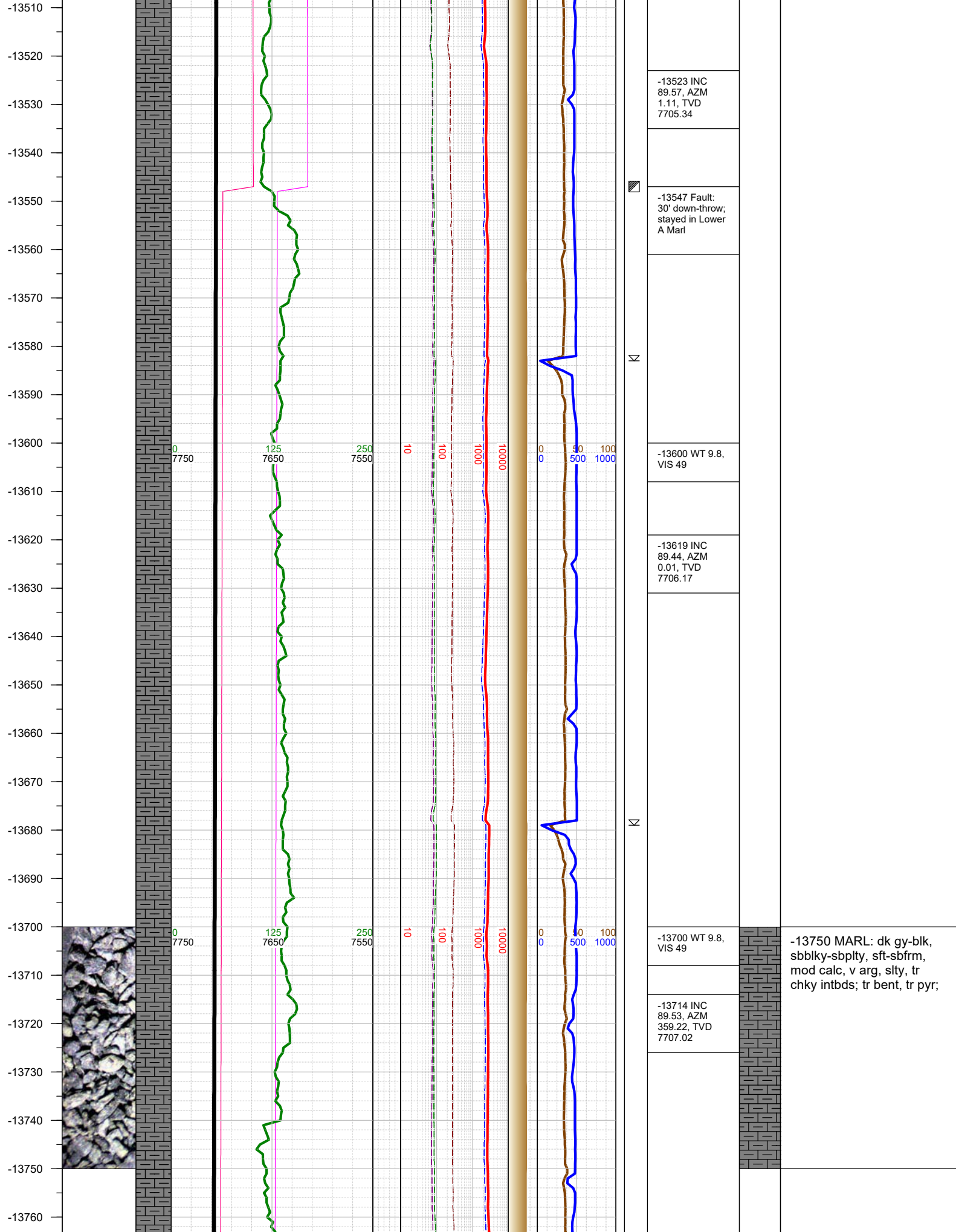
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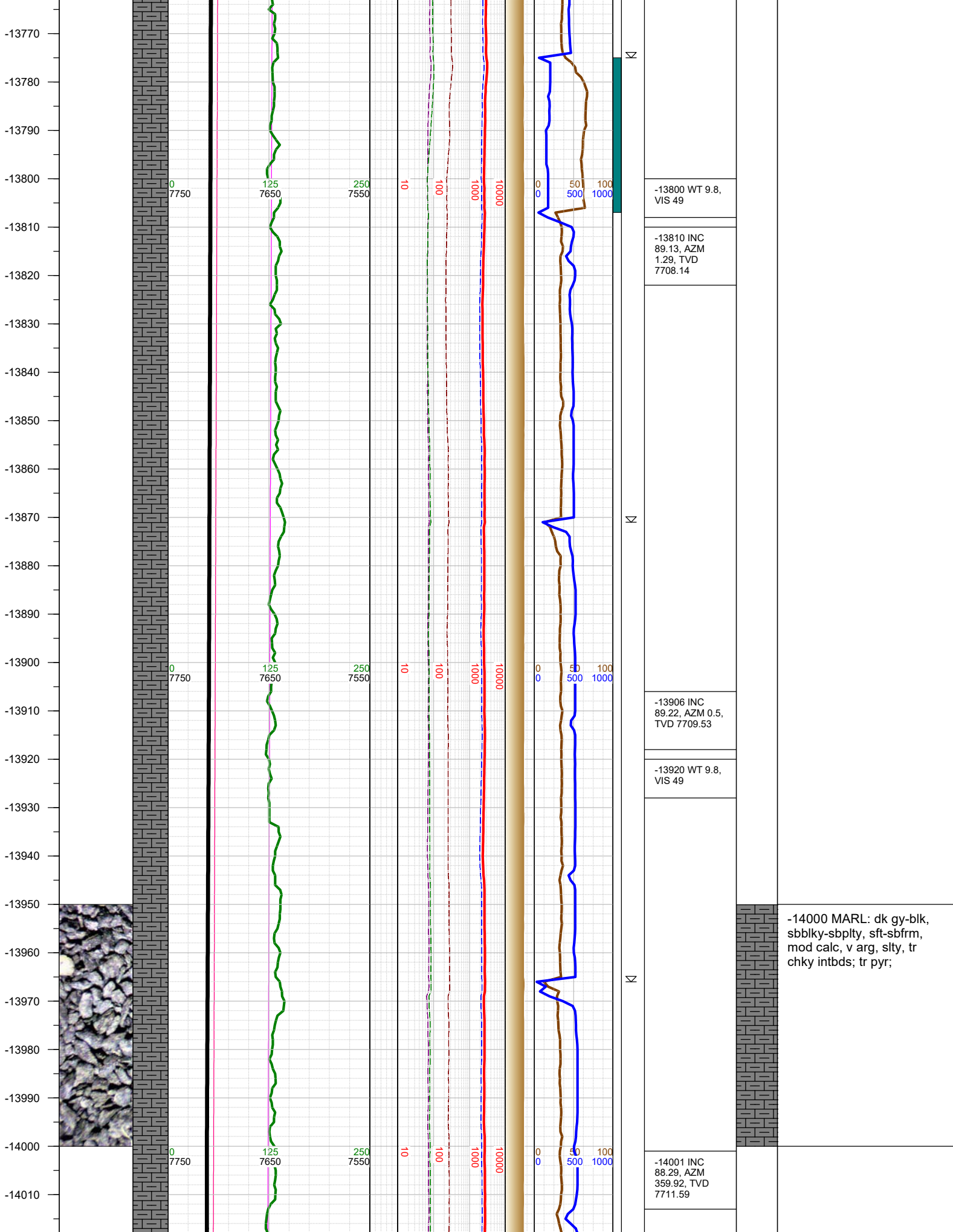
-12951 INC
89.66, AZM
357.06, TVD
7704.32

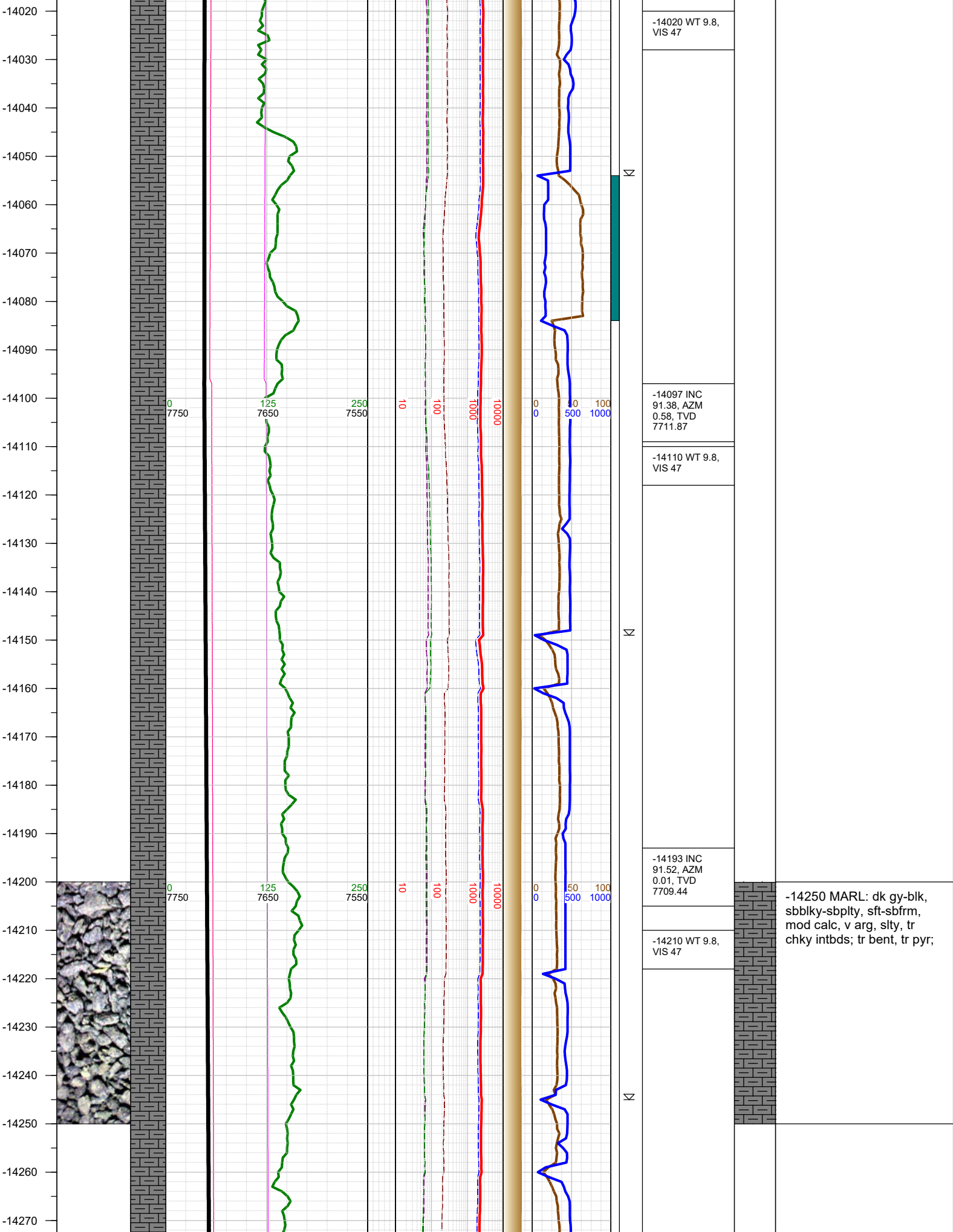
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sbbiky-sbpity, sft-sbfrm,
mod calc, v arg, slty, tr
chky intbds; mod pyr;

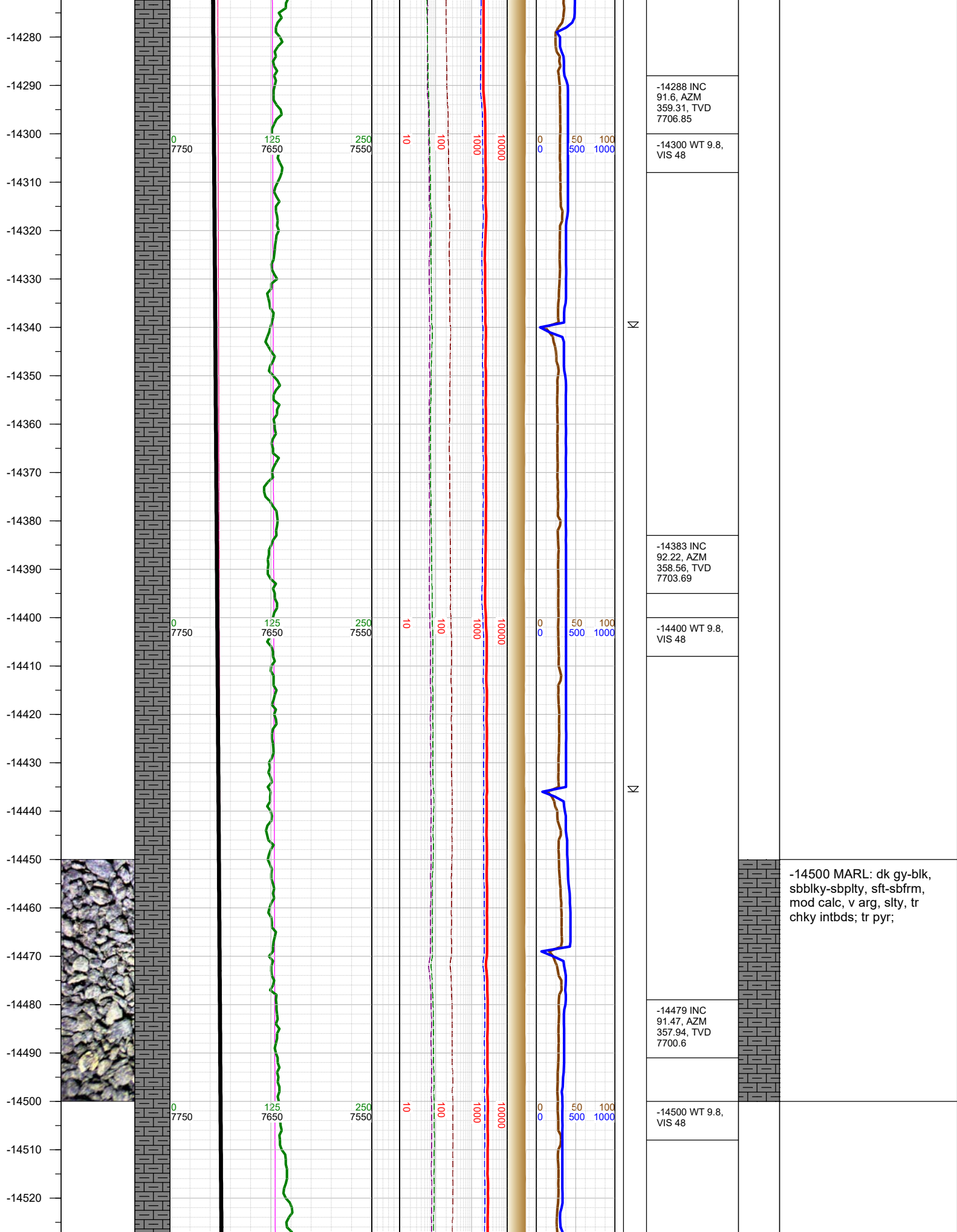




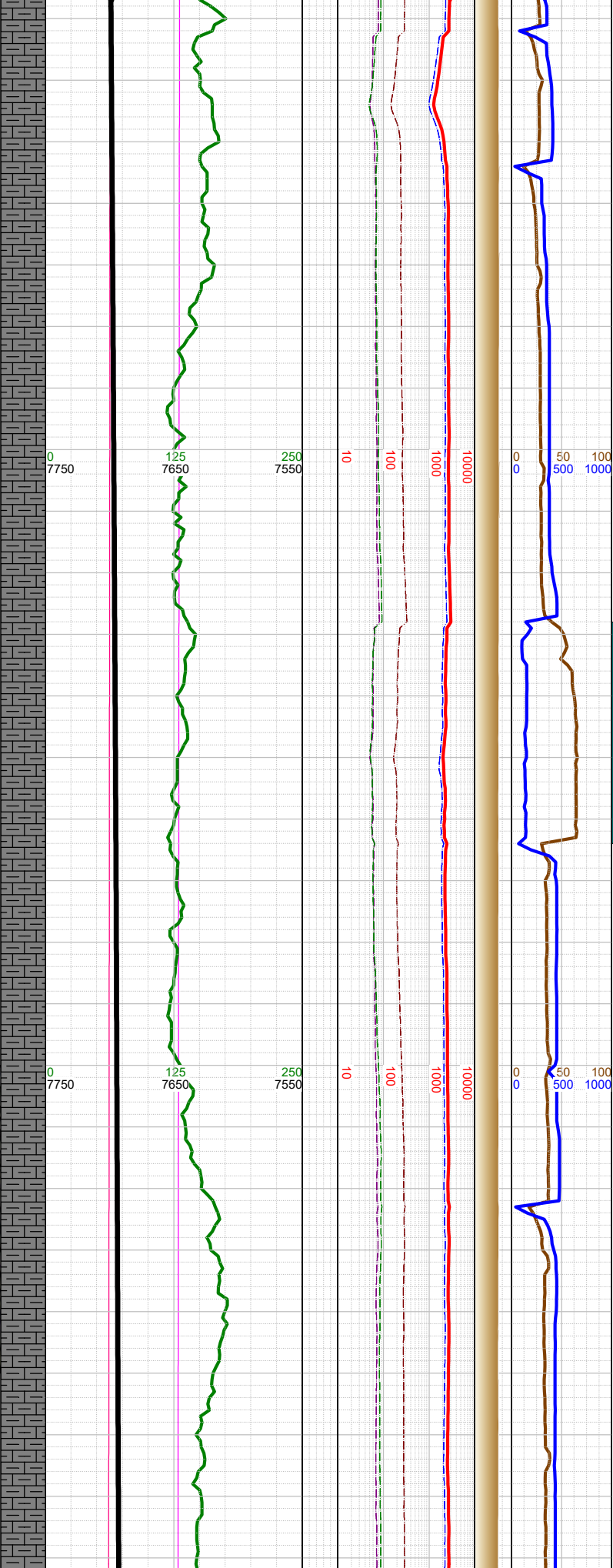
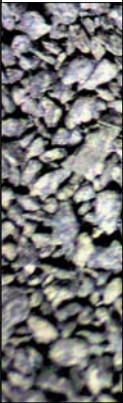








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-14575 INC
92.18, AZM
357.37, TVD
7697.54

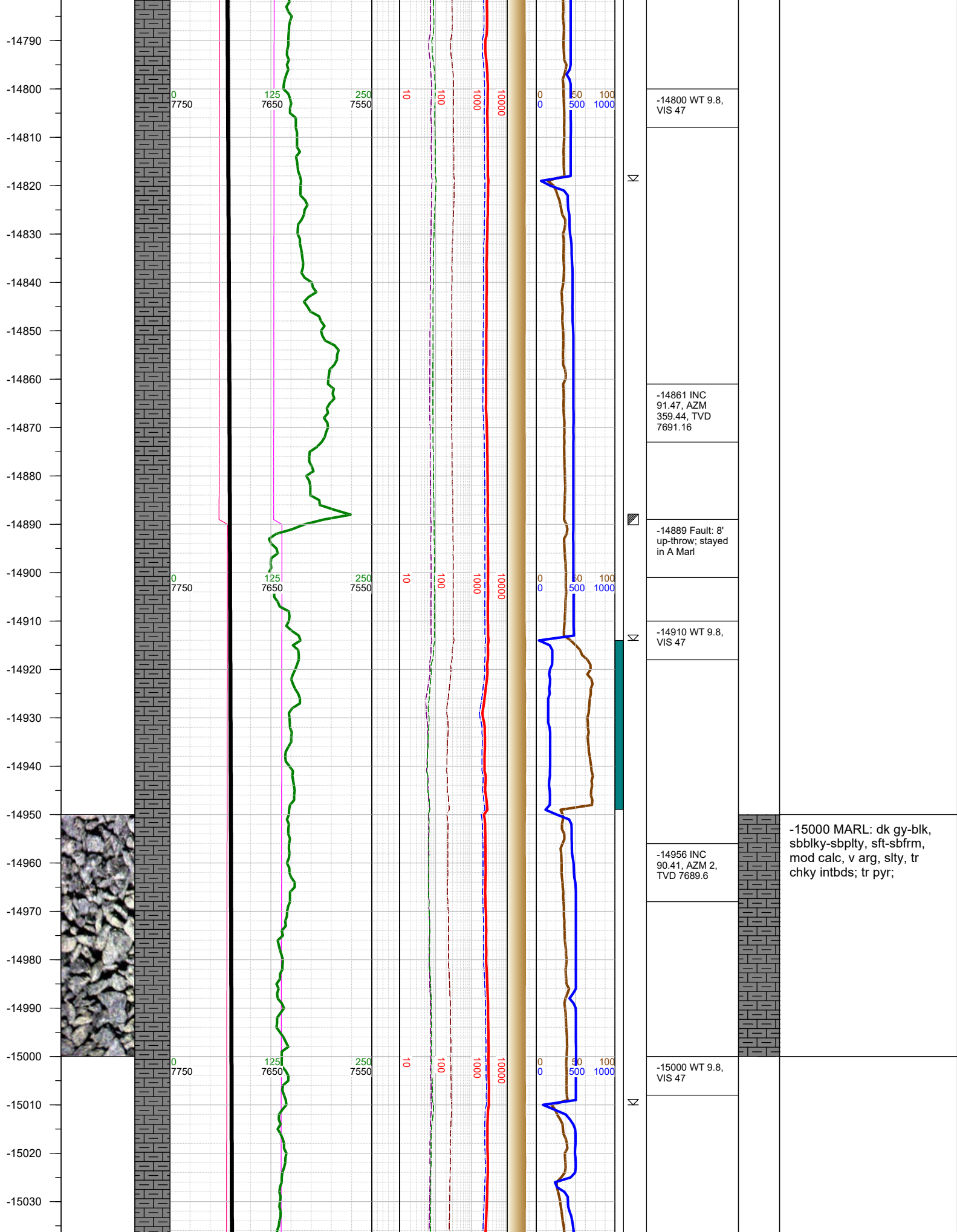
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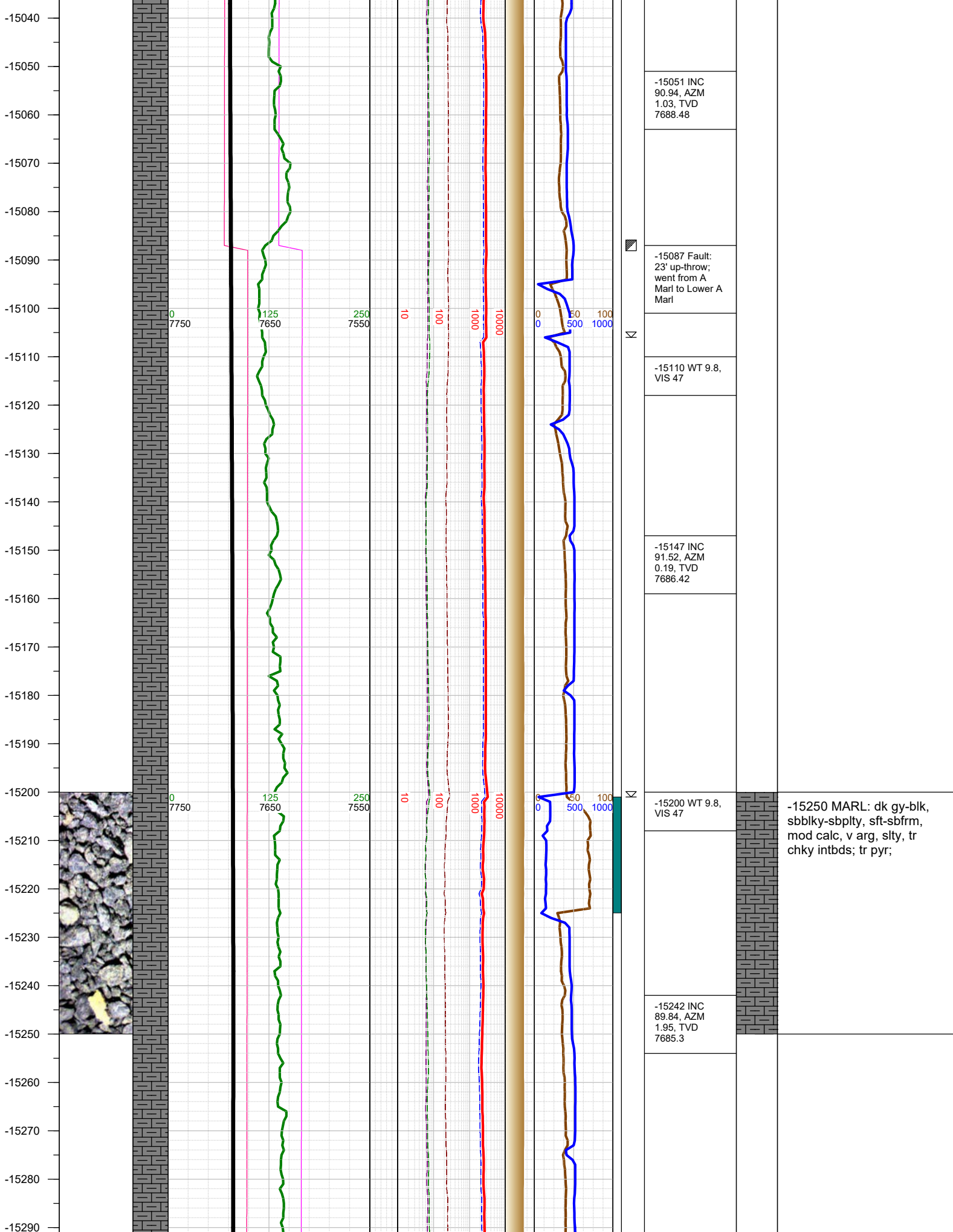
-14670 INC
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0.63, TVD
7695.03

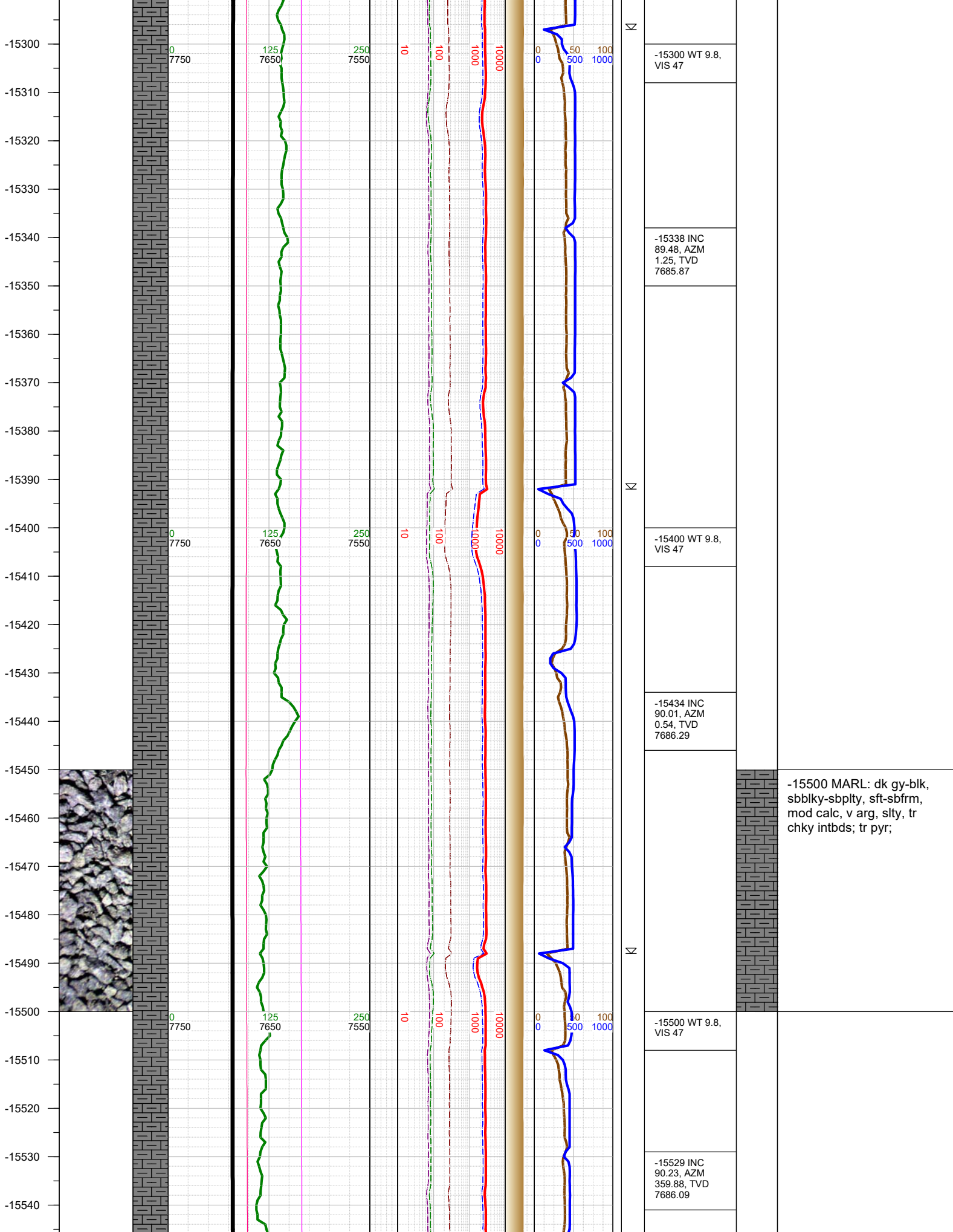
-14700 WT 9.8,
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-14766 INC
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0.06, TVD
7693.34

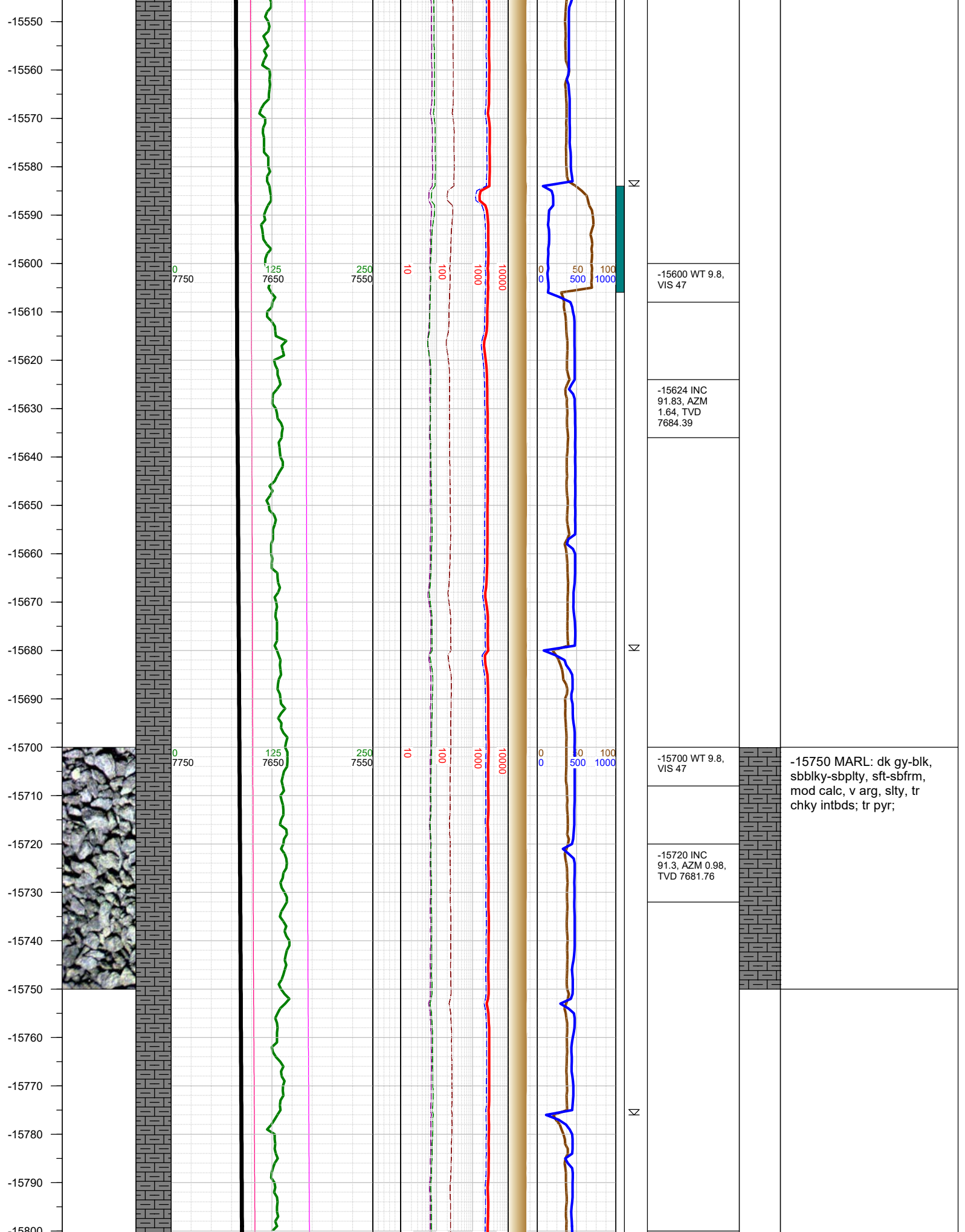
-14750 MARL: dk gy-blk,
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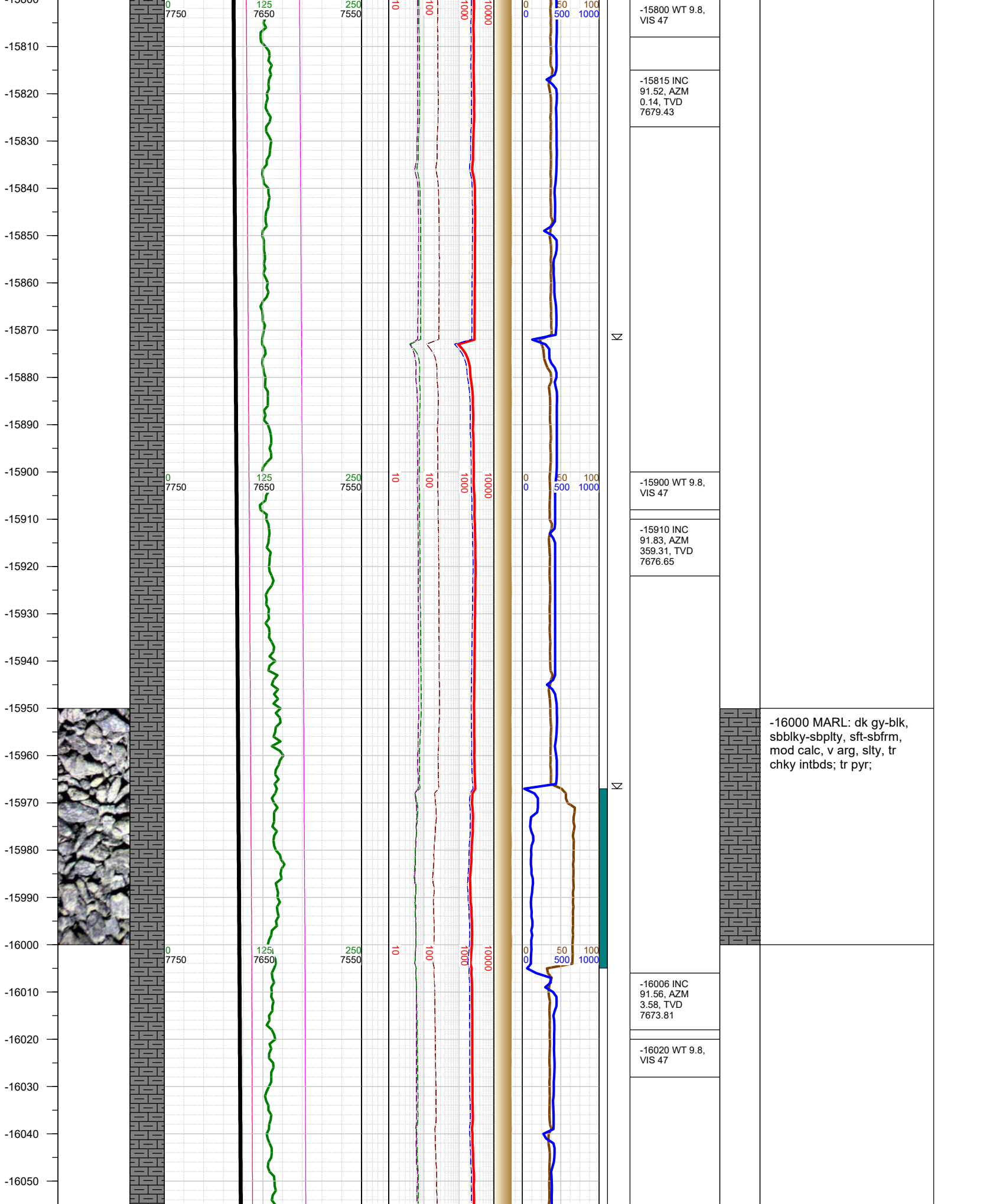


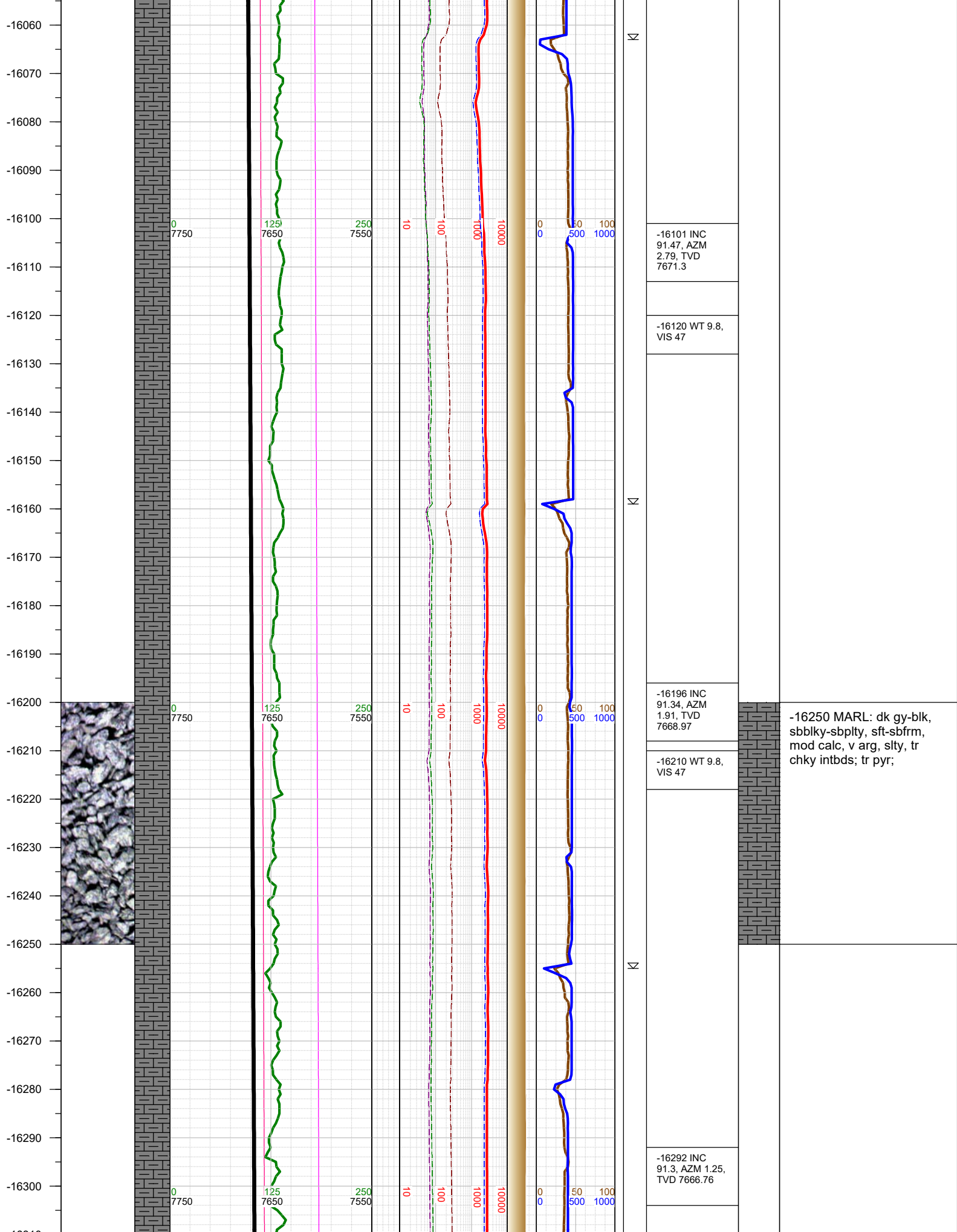


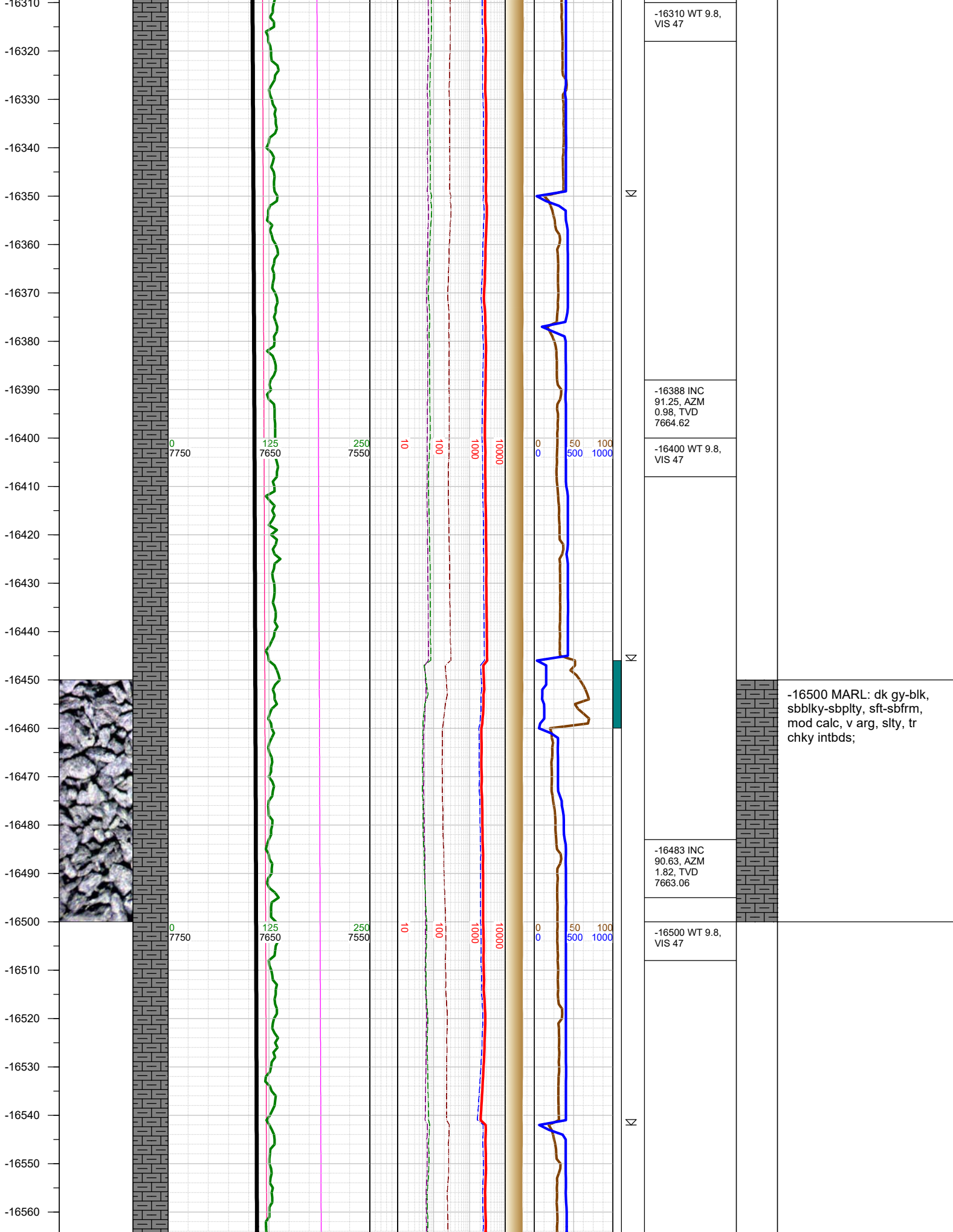


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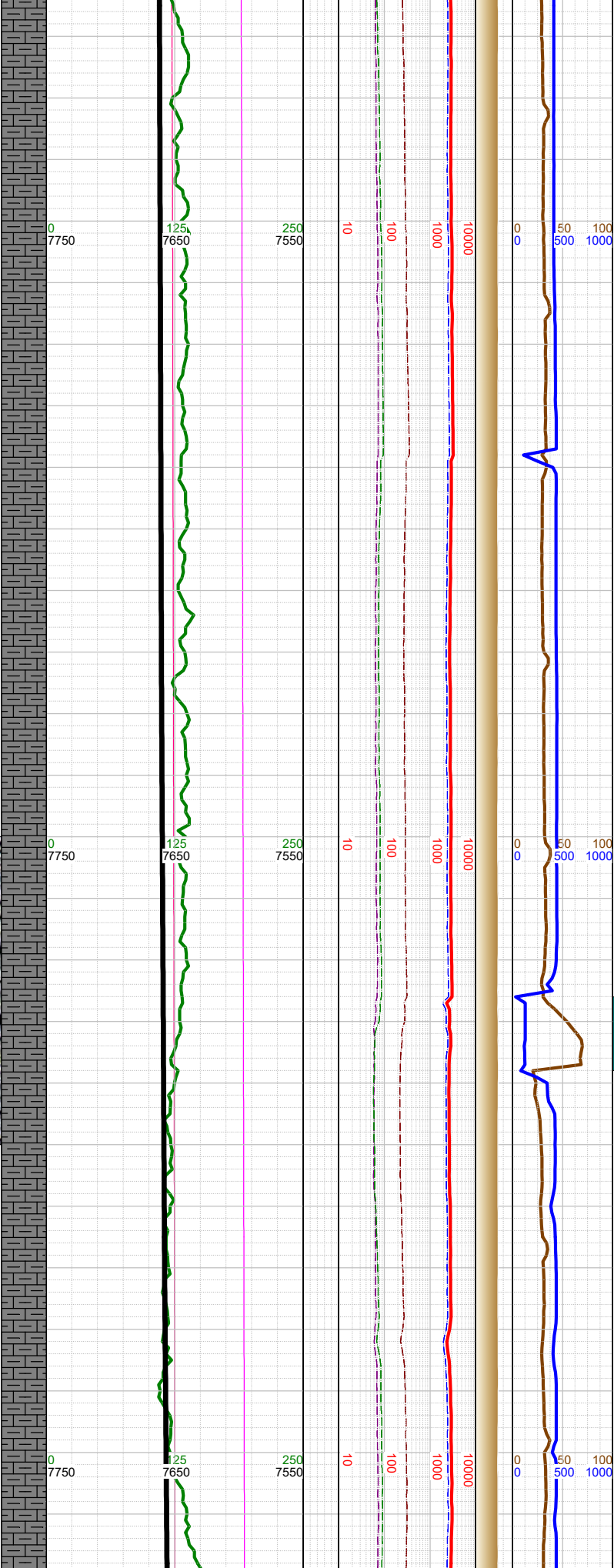
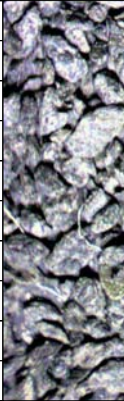






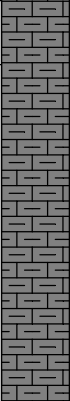


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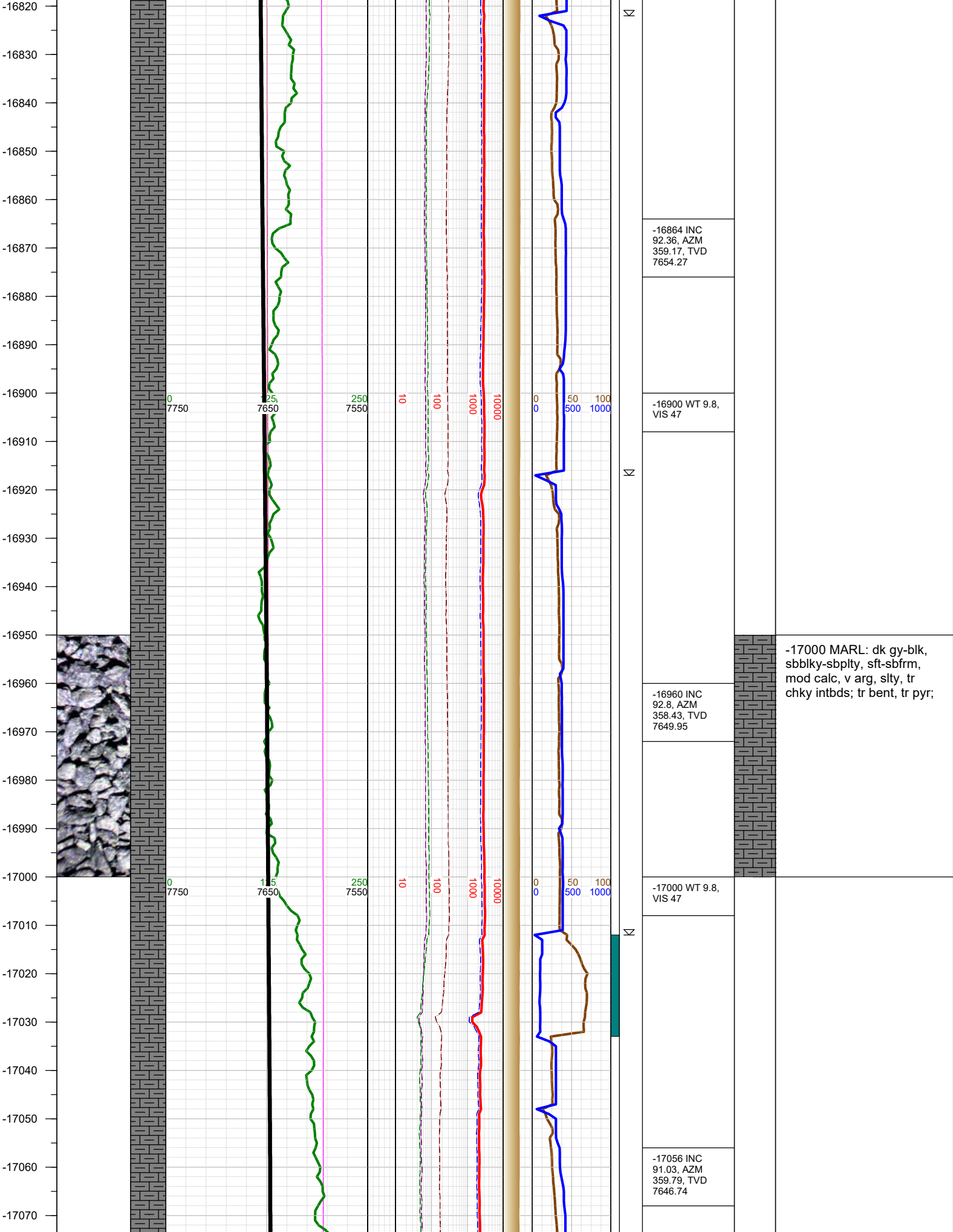


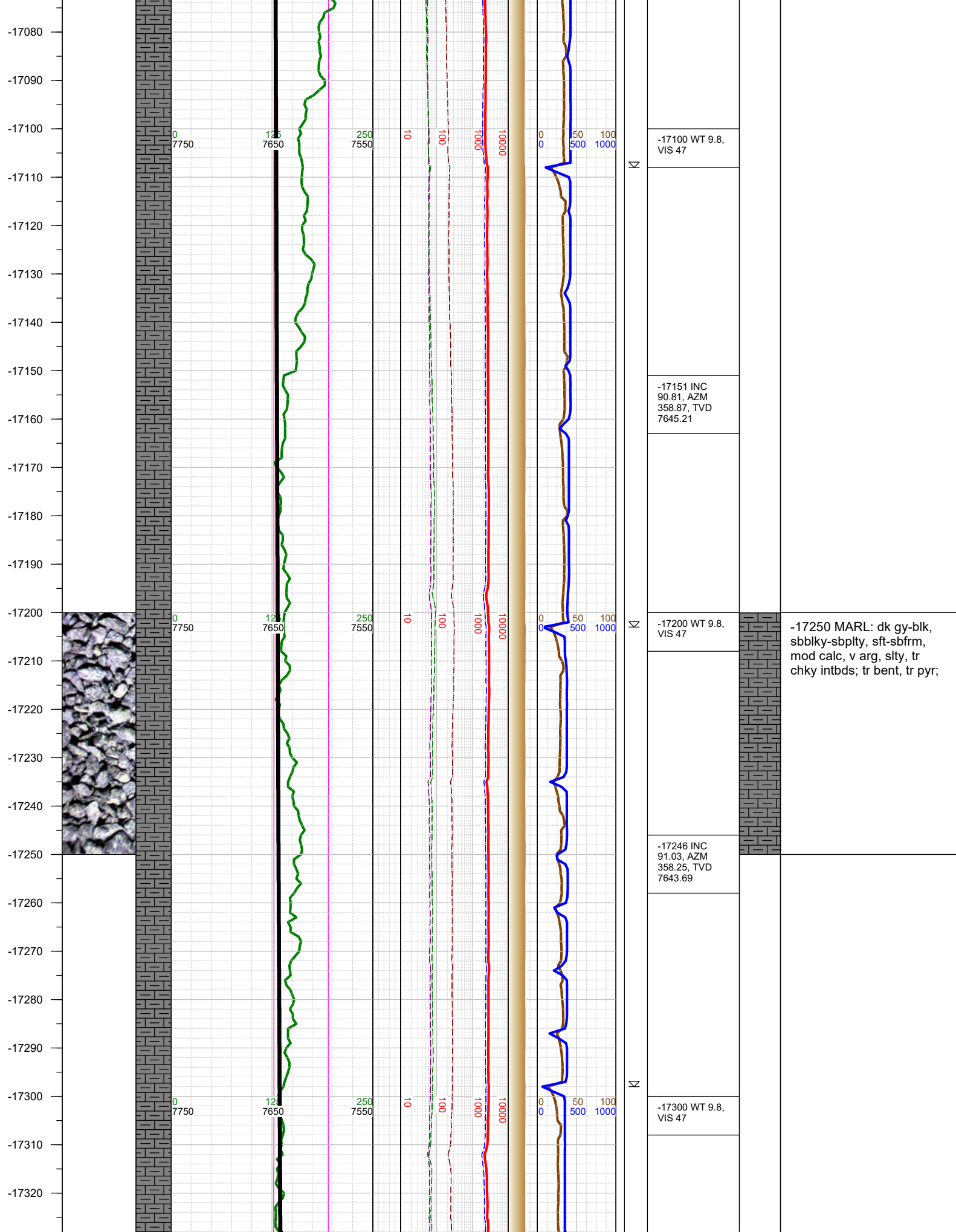
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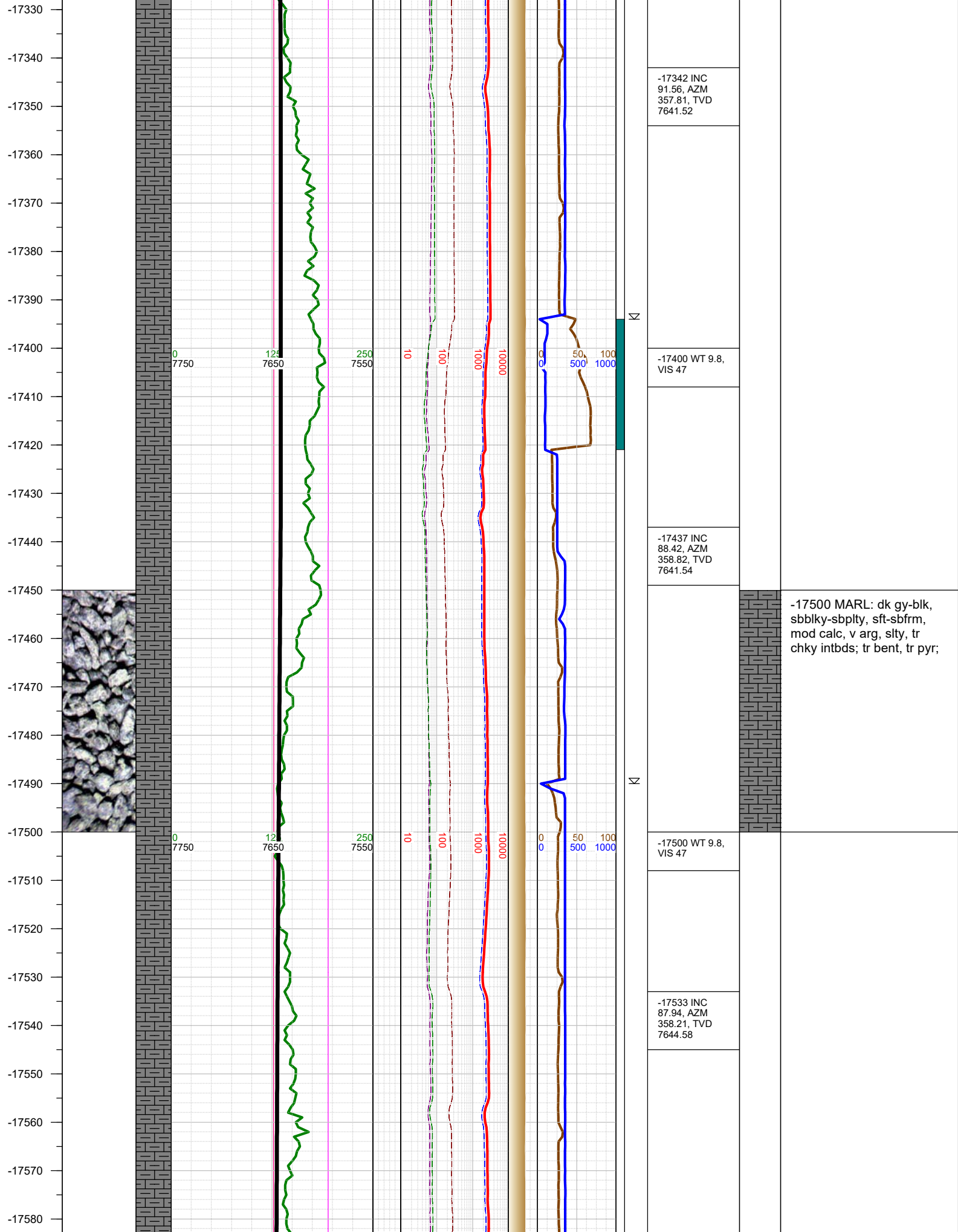
-16579 INC 90.94, AZM 1.16, TVD 7661.75
-16600 WT 9.8, VIS 47
-16674 INC 90.72, AZM 0.85, TVD 7660.37
-16700 WT 9.8, VIS 47
-16769 INC 92.14, AZM 359.75, TVD 7658
-16800 WT 9.8, VIS 47

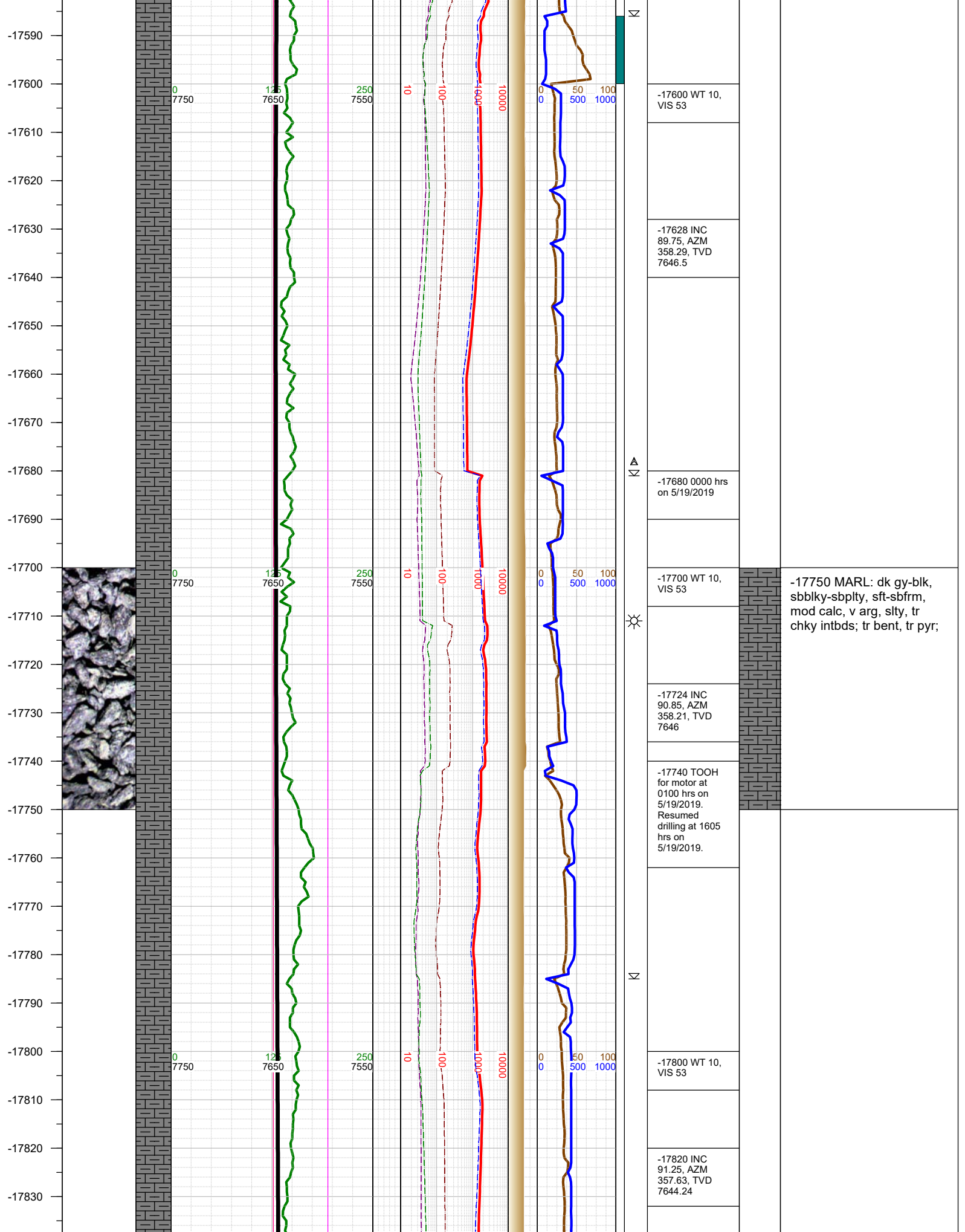


-16750 MARL: dk gy-blk,
sbbkly-sbplty, sft-sbfrm,
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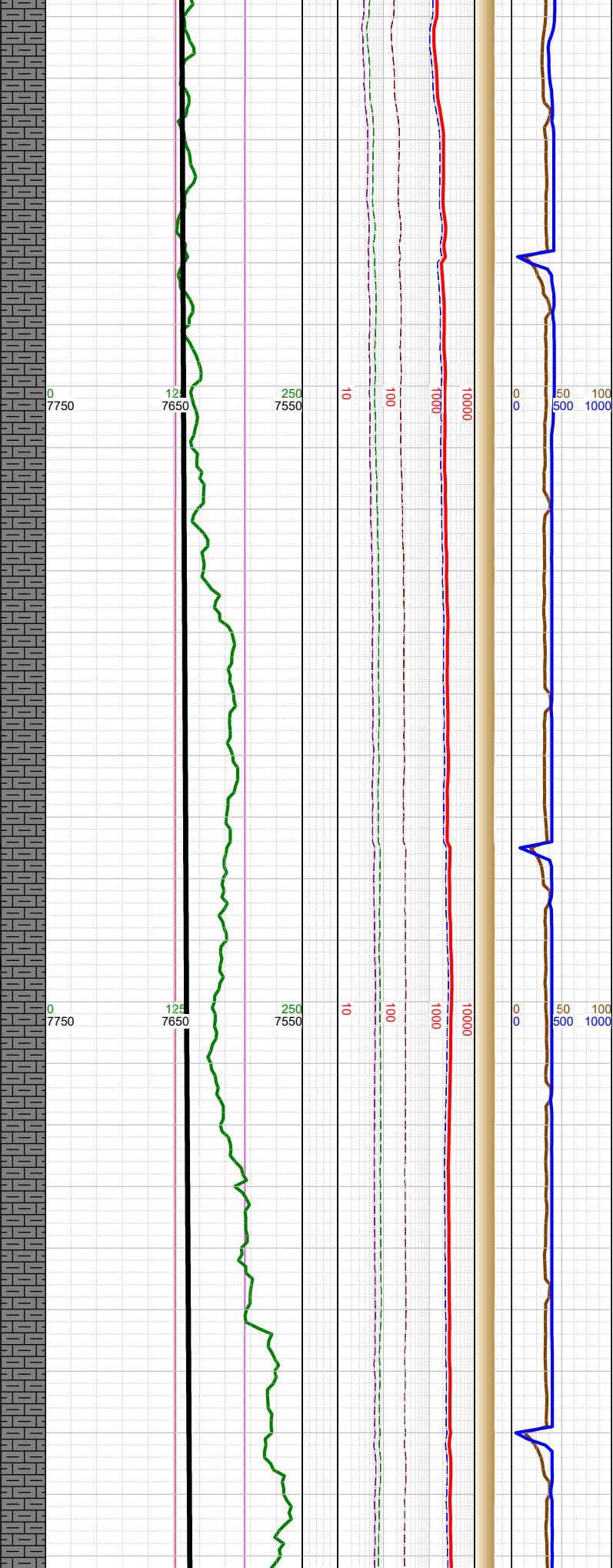








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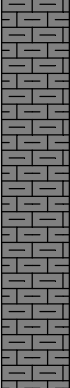
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-17900 WT 10,
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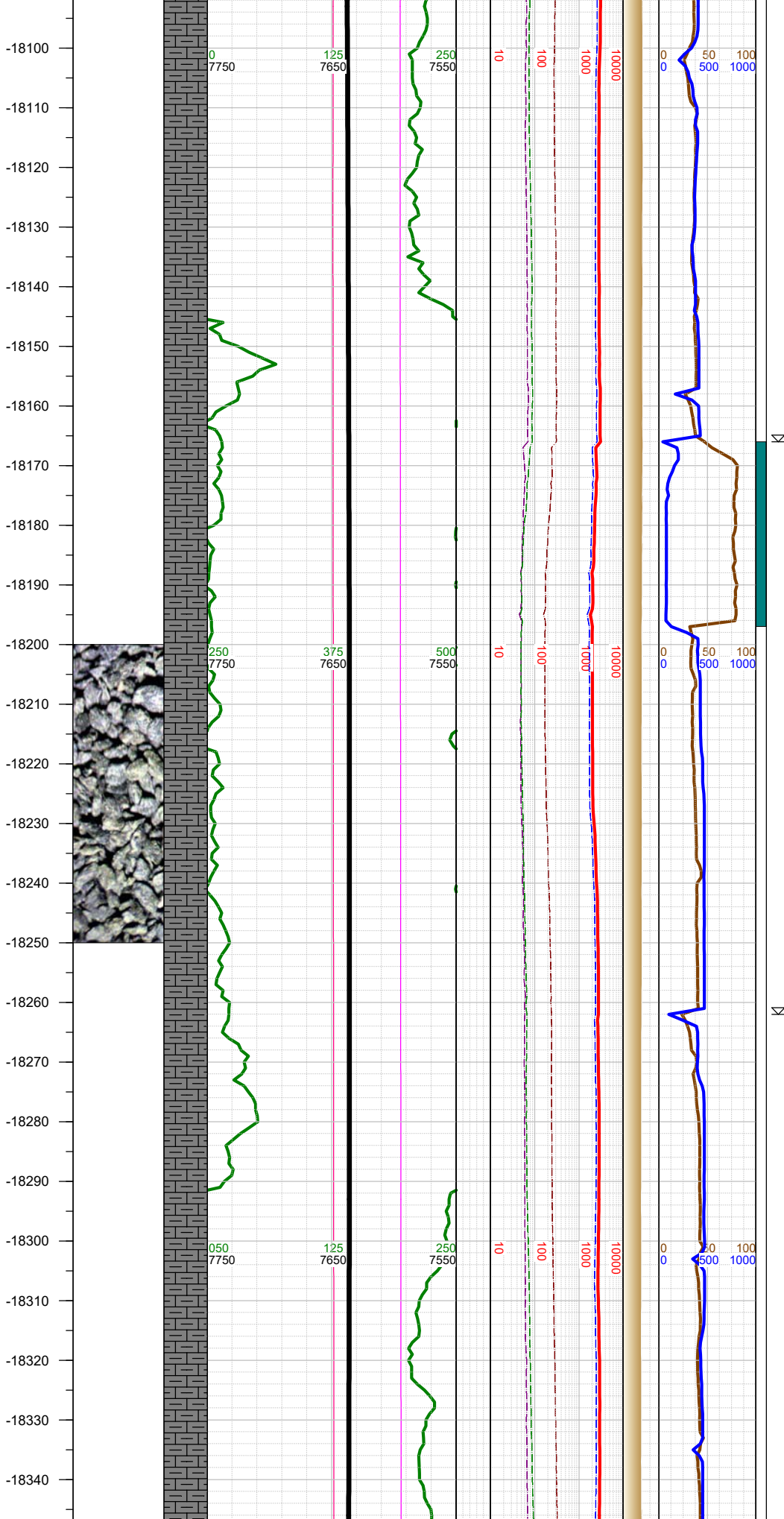
-17916 INC
91.07, AZM
356.88, TVD
7642.29

-18000 WT 10,
VIS 53

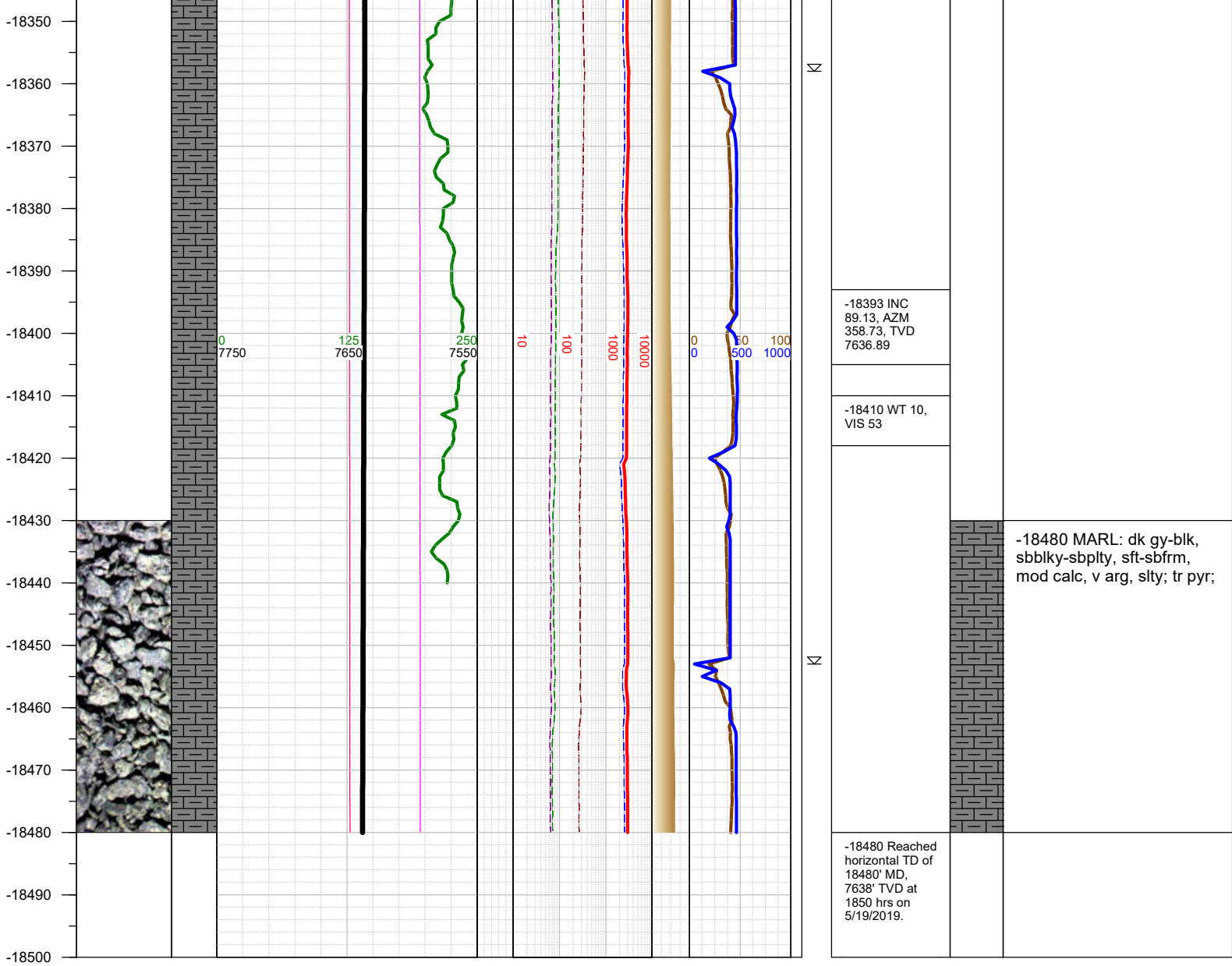
-18011 INC
91.74, AZM
356.53, TVD
7639.96



-18000 MARL: dk gy-blk,
sbbkly-sbplty, sft-sbfrm,
mod calc, v arg, slty; tr pyr;



	-18107 INC 91.52, AZM 355.83, TVD 7637.23		
	-18120 WT 10, VIS 53		
	-18202 INC 90.19, AZM 358.82, TVD 7635.82		-18250 MARL: dk gy-blk, sbbiky-sbpity, sft-sbfrm, mod calc, v arg, slty; tr pyr;
	-18220 WT 10, VIS 53		
	-18297 INC 89.7, AZM 359.35, TVD 7635.91		
	-18310 WT 10, VIS 53		



TOTAL DEPTH = 18480'

Thank you for using Earth Science Agency