

OPERATOR: **Extraction Oil & Gas**
WELL NAME: **Coyote Trails 33S-20-1N**
FIELD NAME: DJ Basin - Wattenberg
DRILLING RIG: Ensign 147
API #: 05-123-49914

LAT/LONG: 40.017977, -105.007281
SURFACE HOLE: SWSE S28-T1N-R68W, 1149' FSL, 2301' FEL
BOTTOM HOLE: S4-T1S-R68W, 150' FSL, 2134' FWL

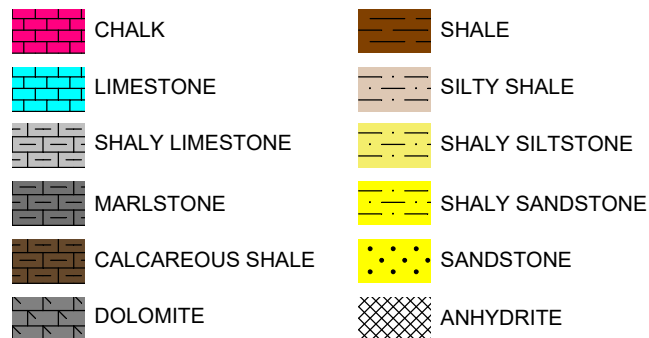


Earth Science Agency, LLC

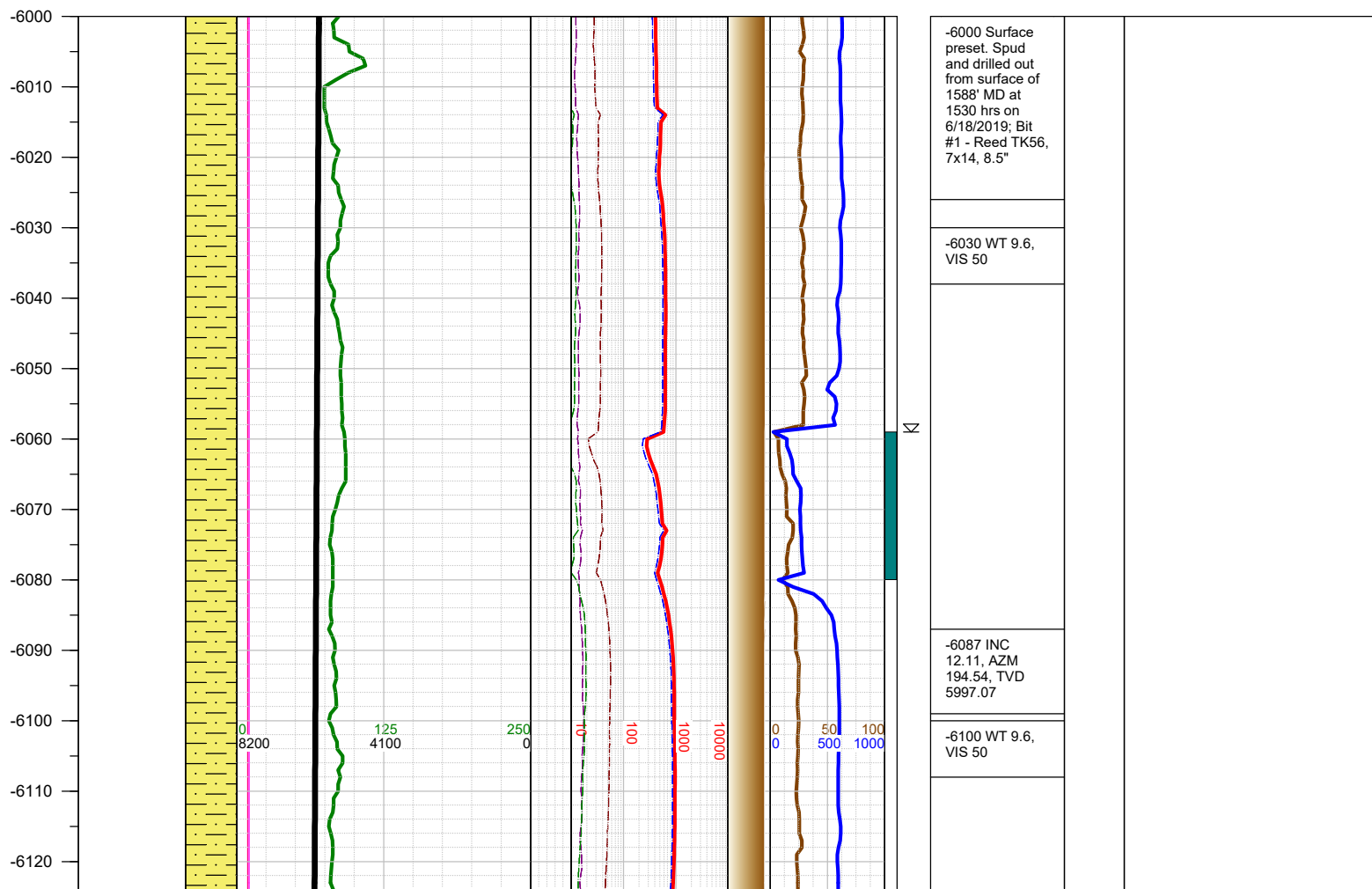
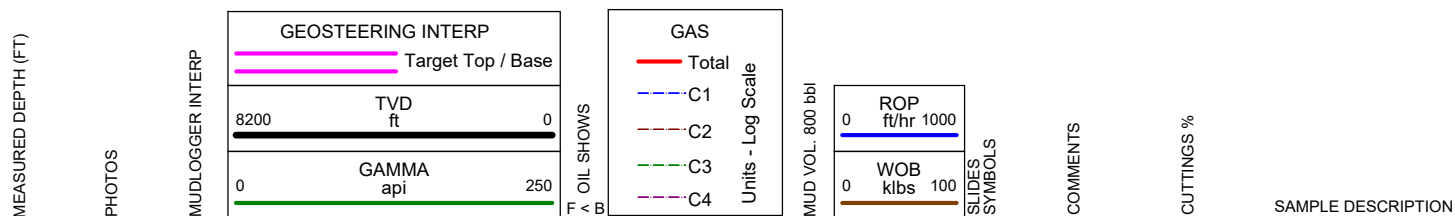
COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 5273'
KELLY BUSHING: 5301'
DRILLING FLUID: OBM
TVD VS. MD: 7939' / 17953'
SPUD DATE: June 19, 2019
TD DATE: June 21, 2019

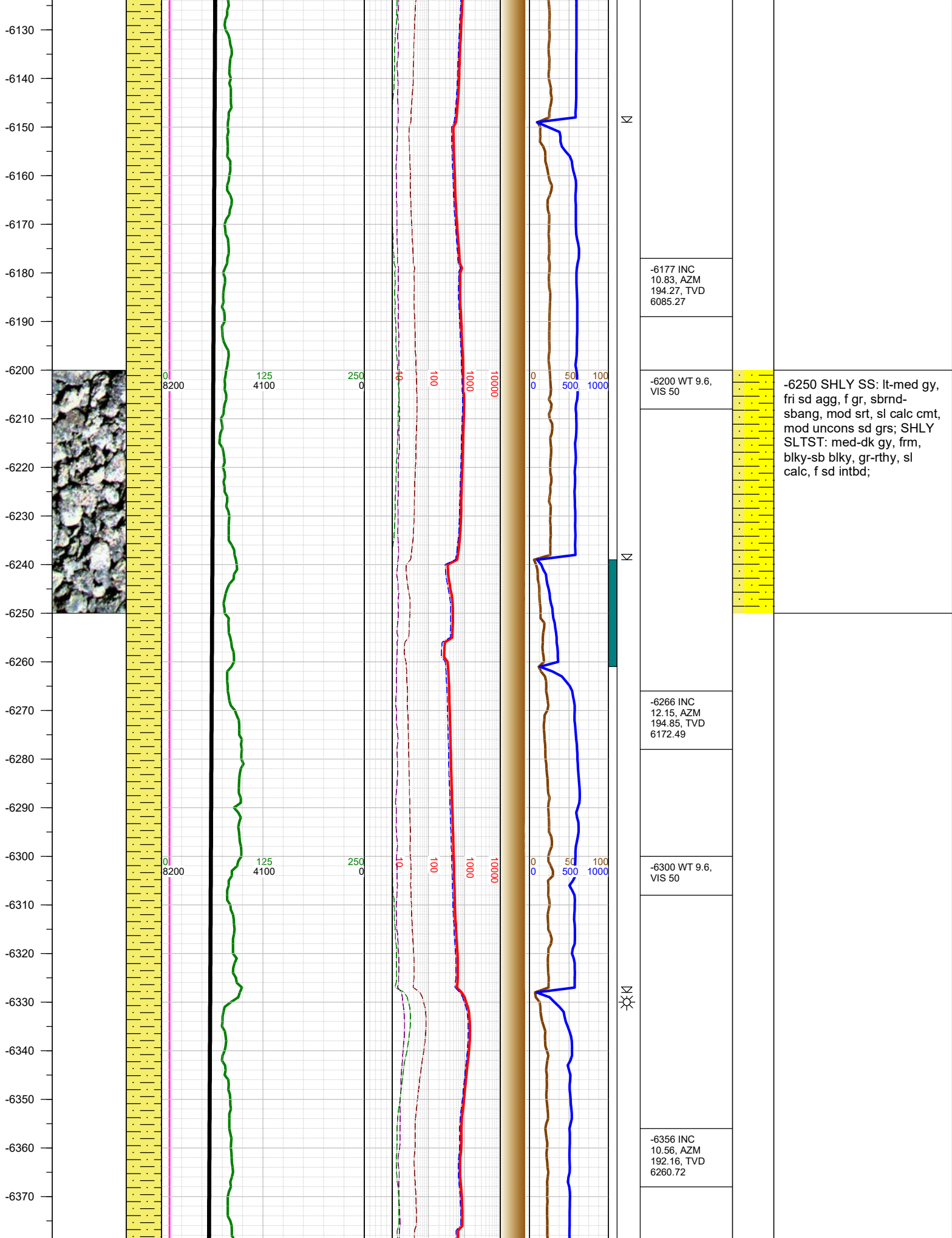
DEPTHS LOGGED: 6000' - 17953'
DATES LOGGED: June 19, 2019 - June 21, 2019
GEOLOGISTS: Nick Damon, Zak Lewis
SCALE: 5" = 100'

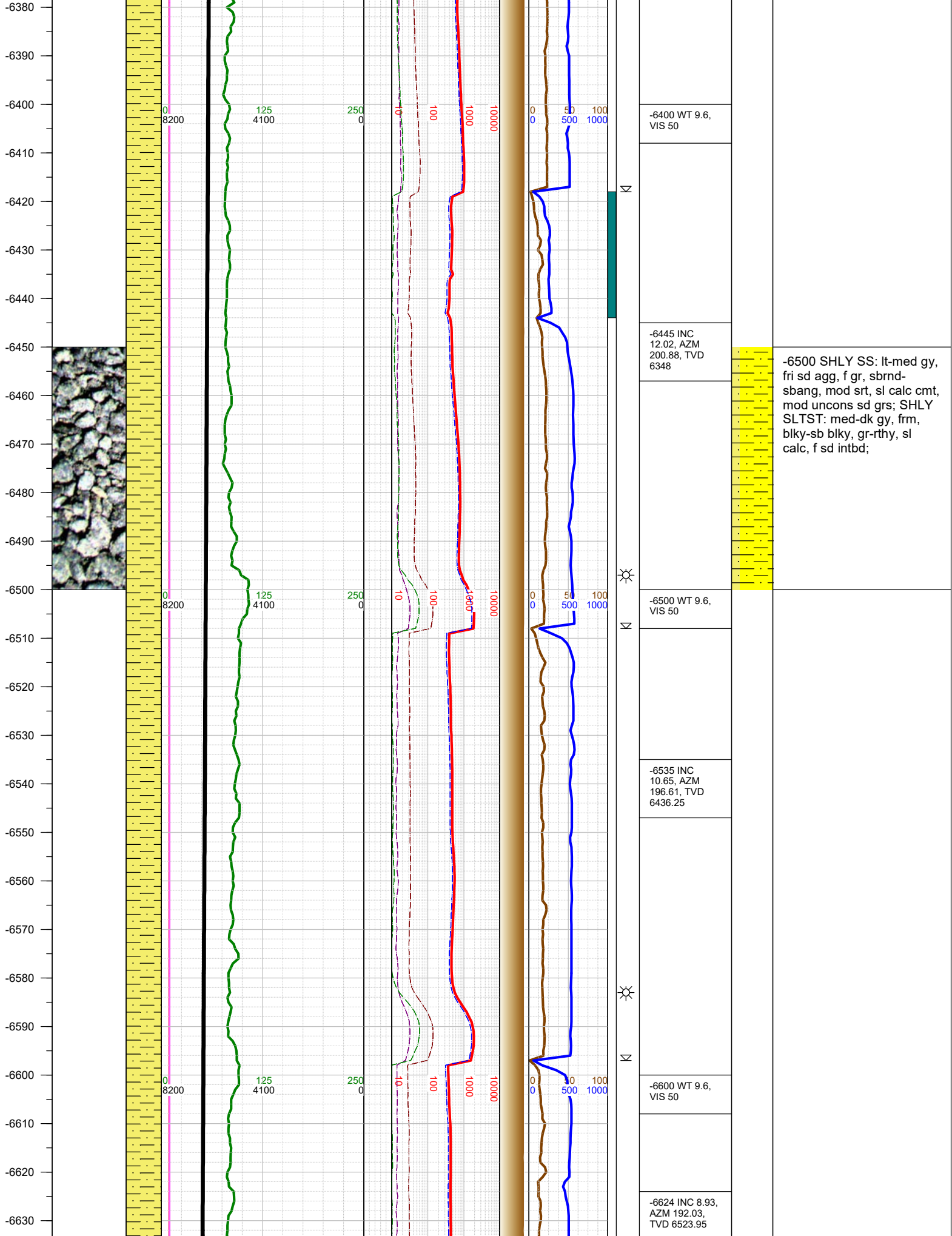
LEGEND

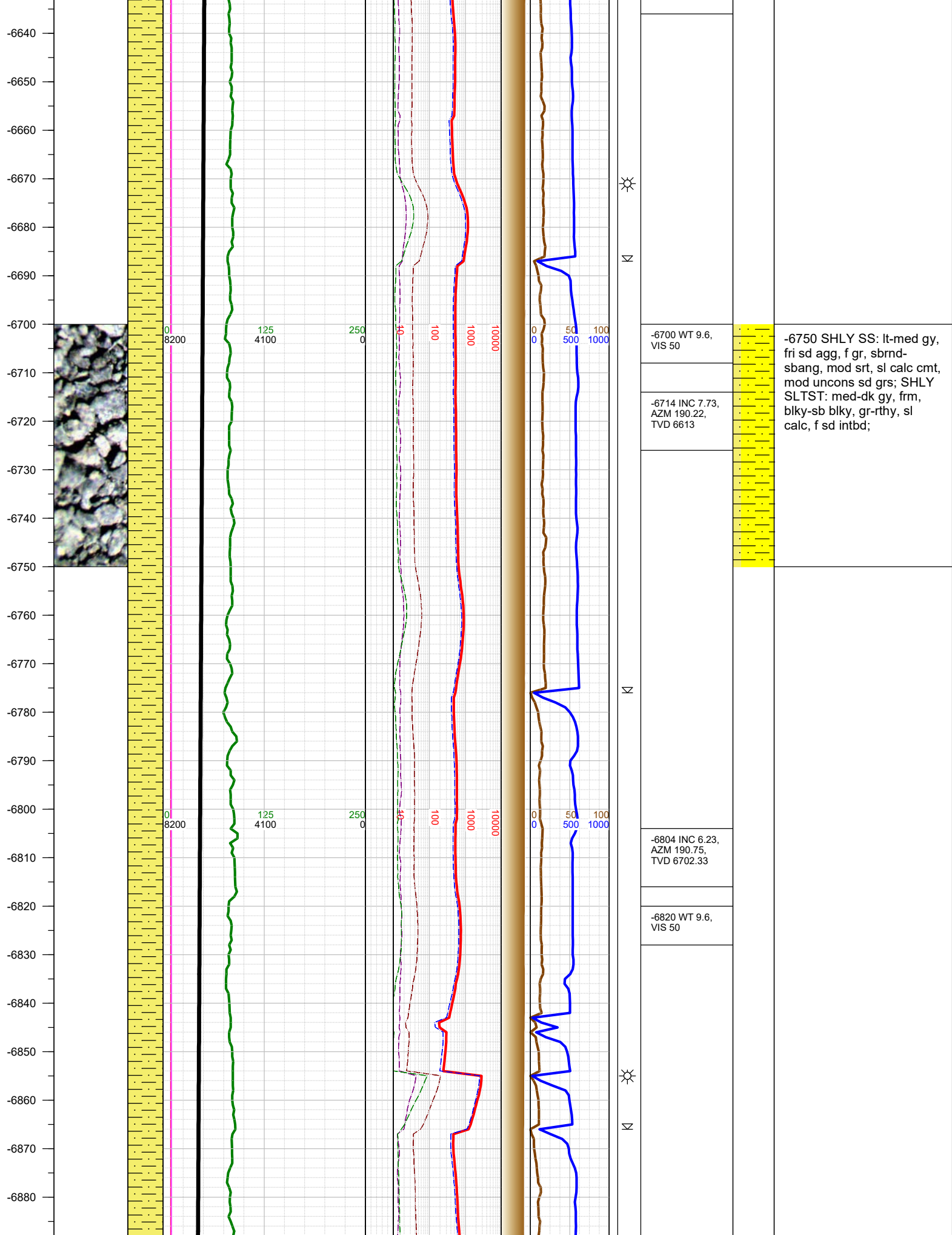


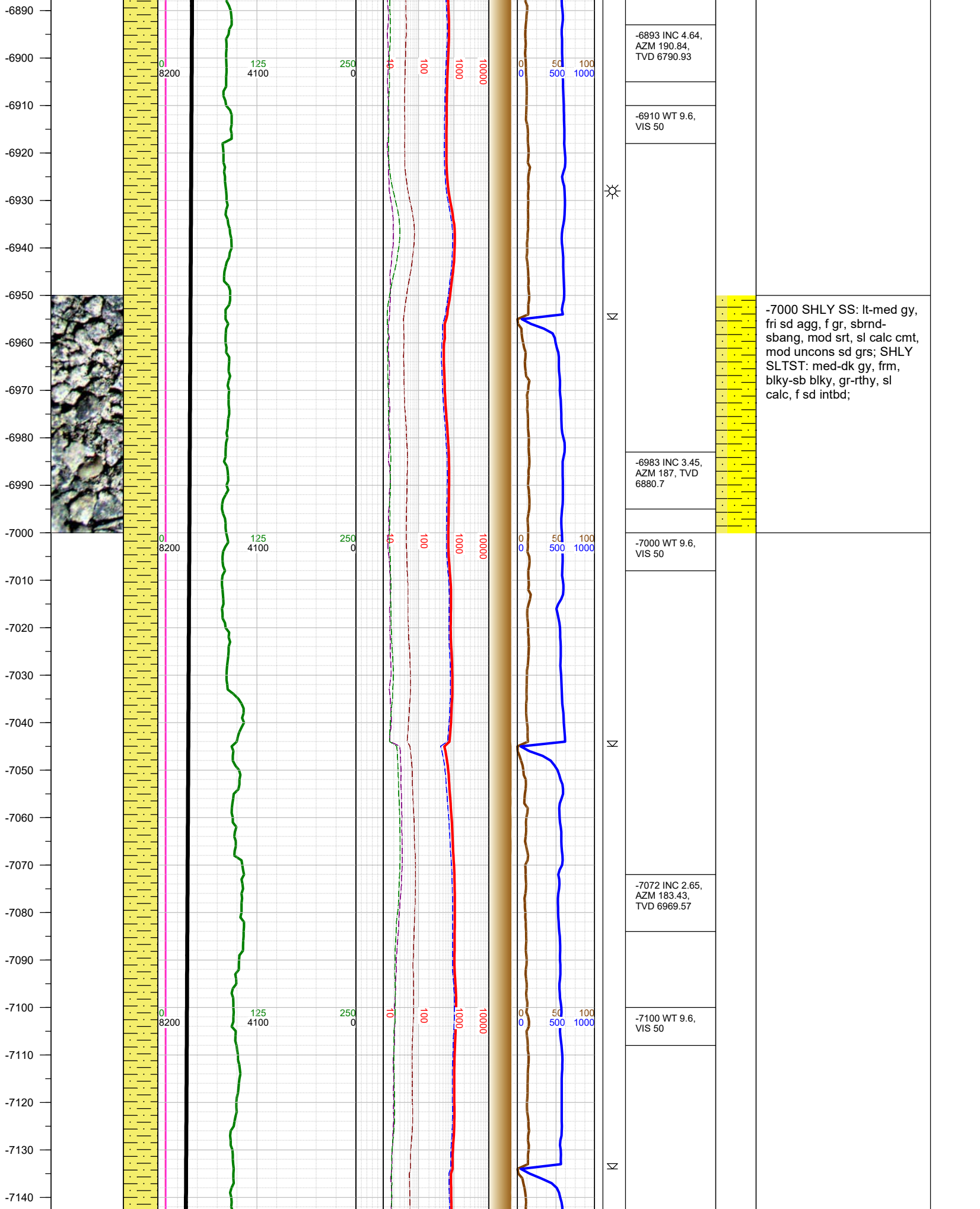
FORMATION CONNECTION MIDNIGHT NEW BIT GAS SHOW FAULT

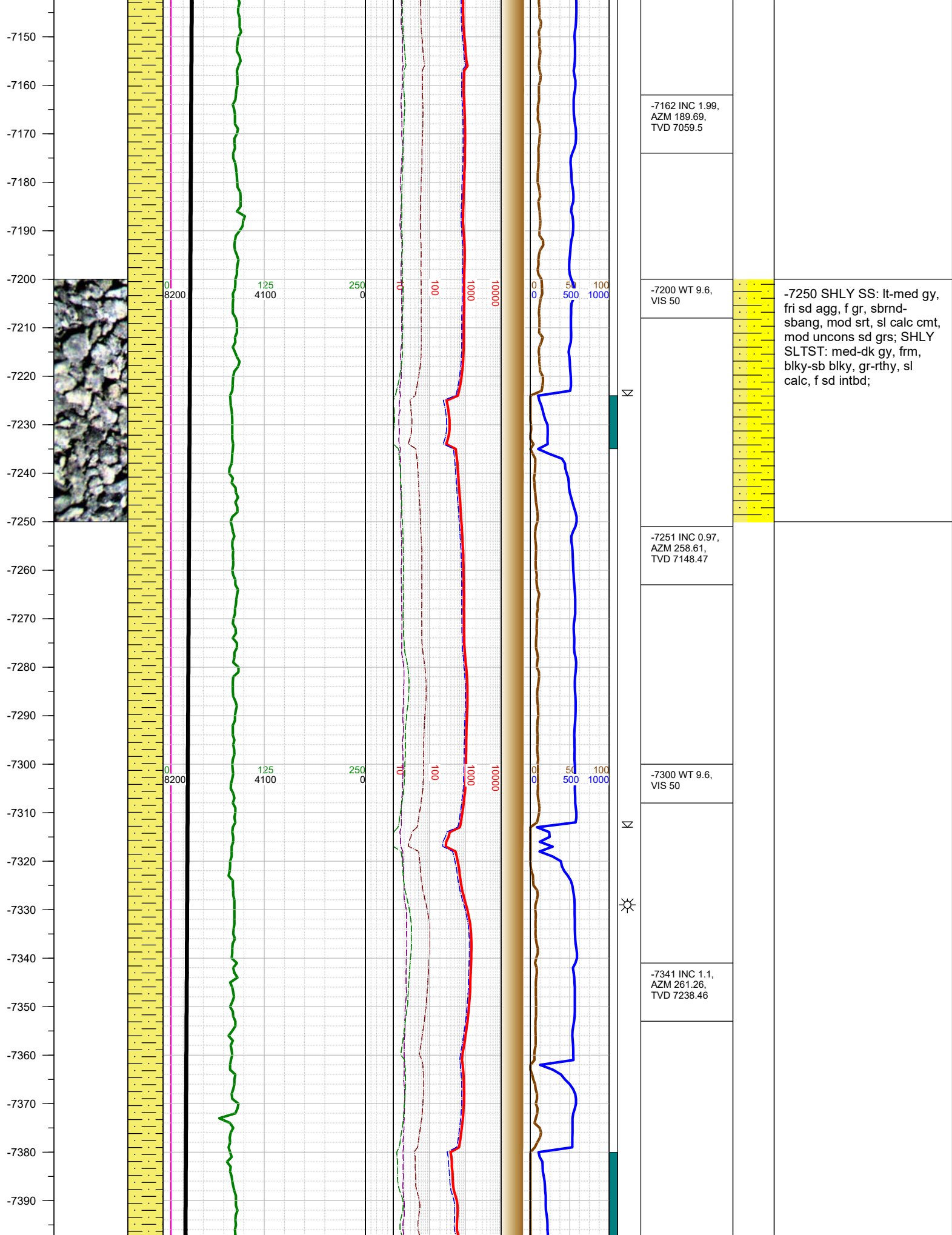


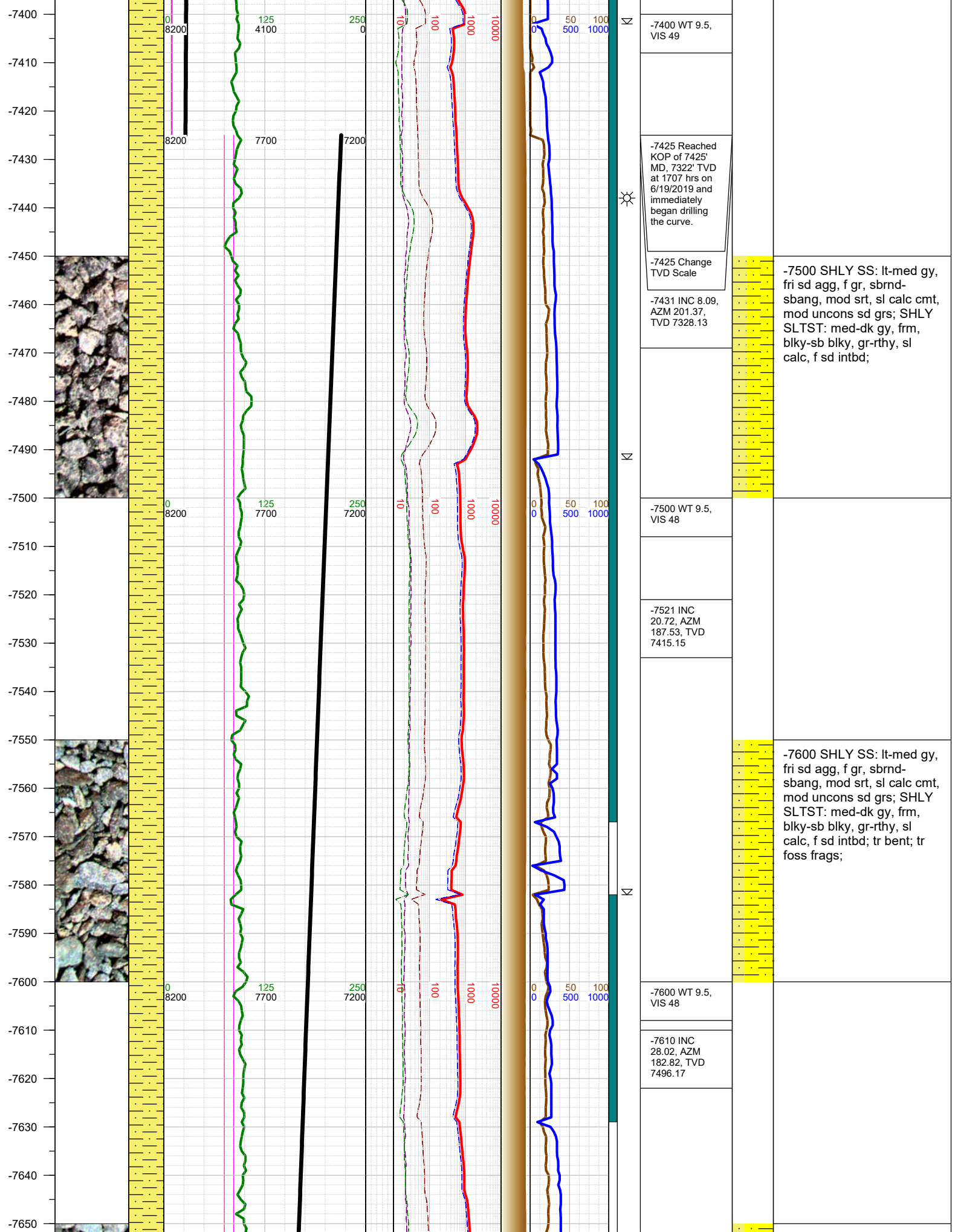


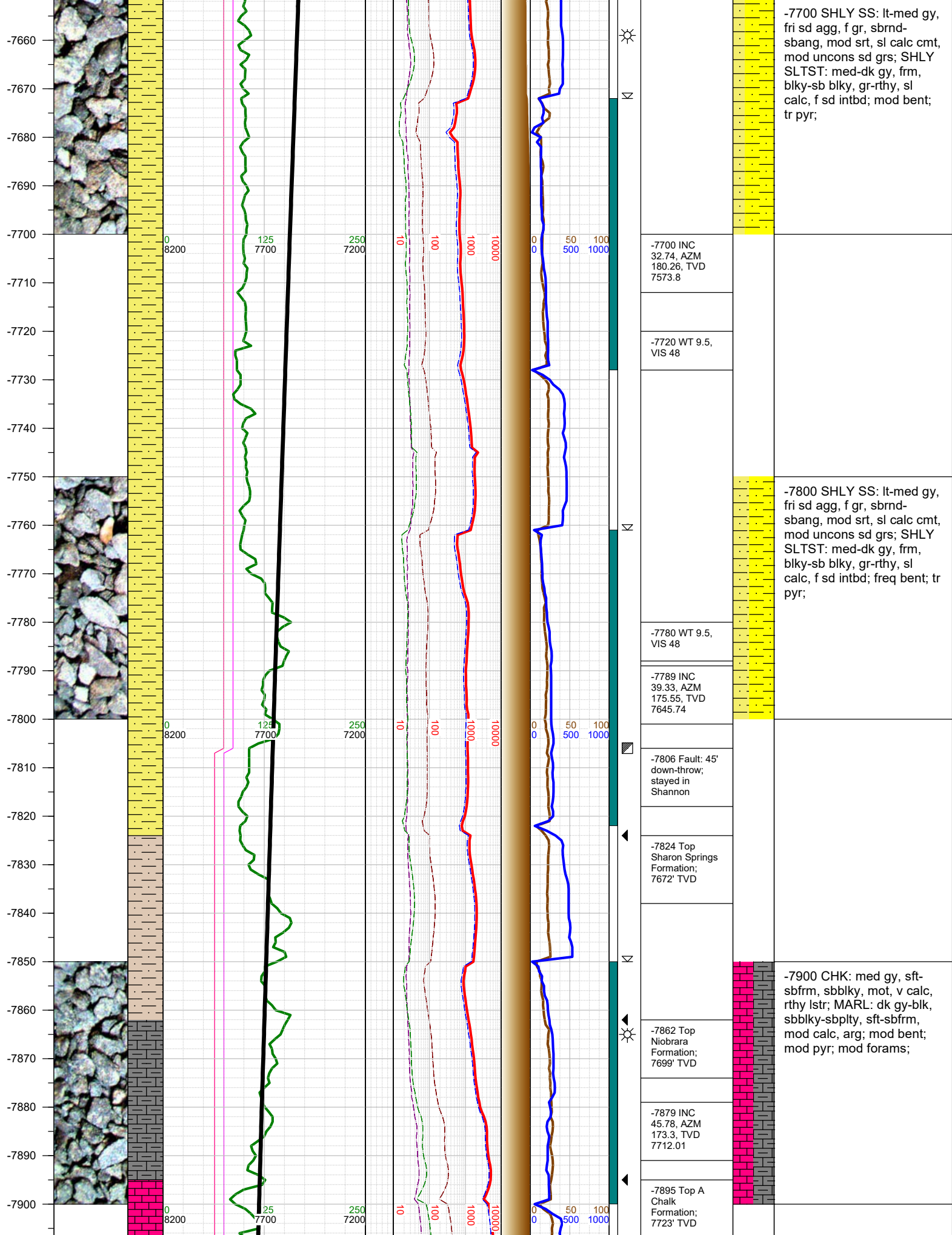


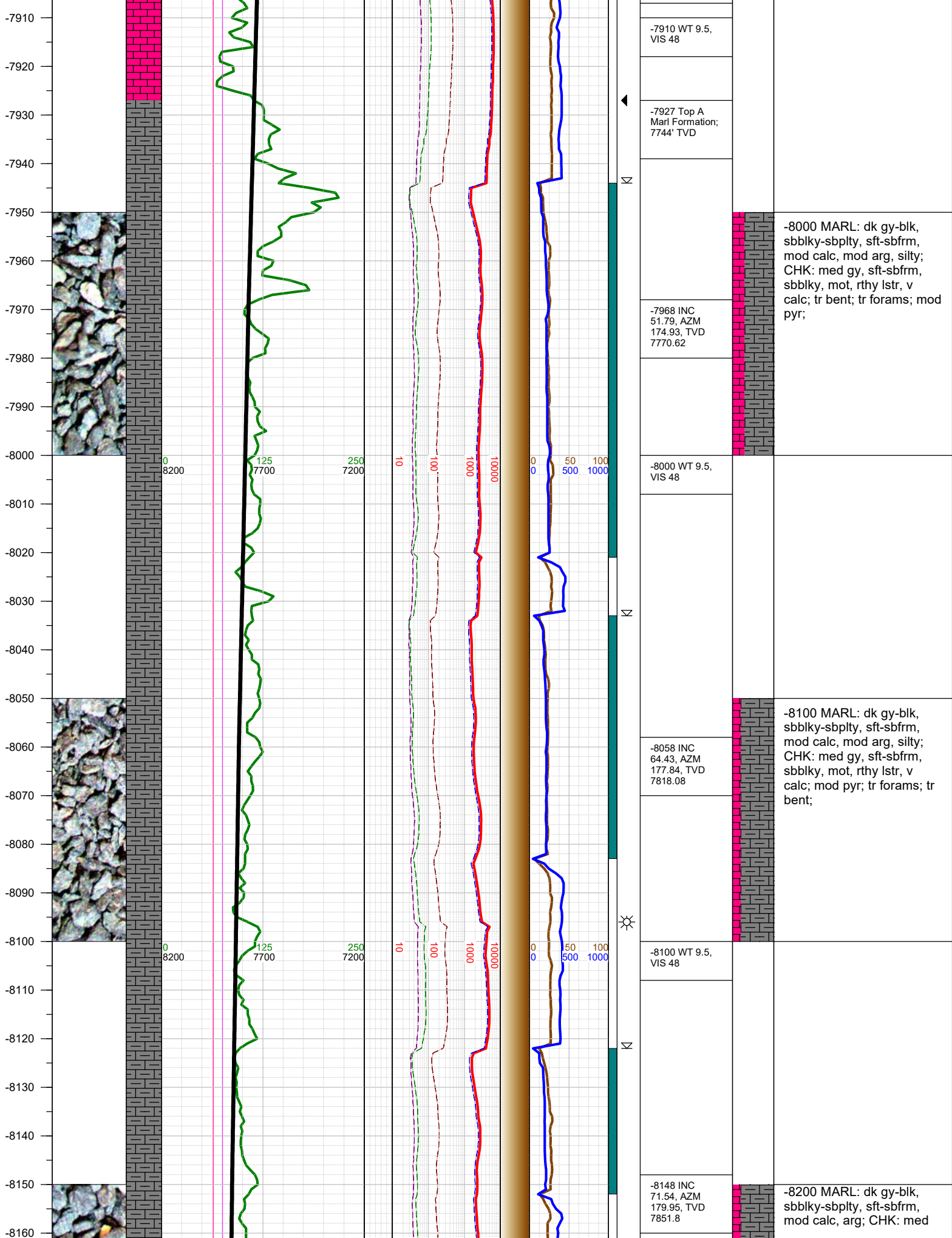


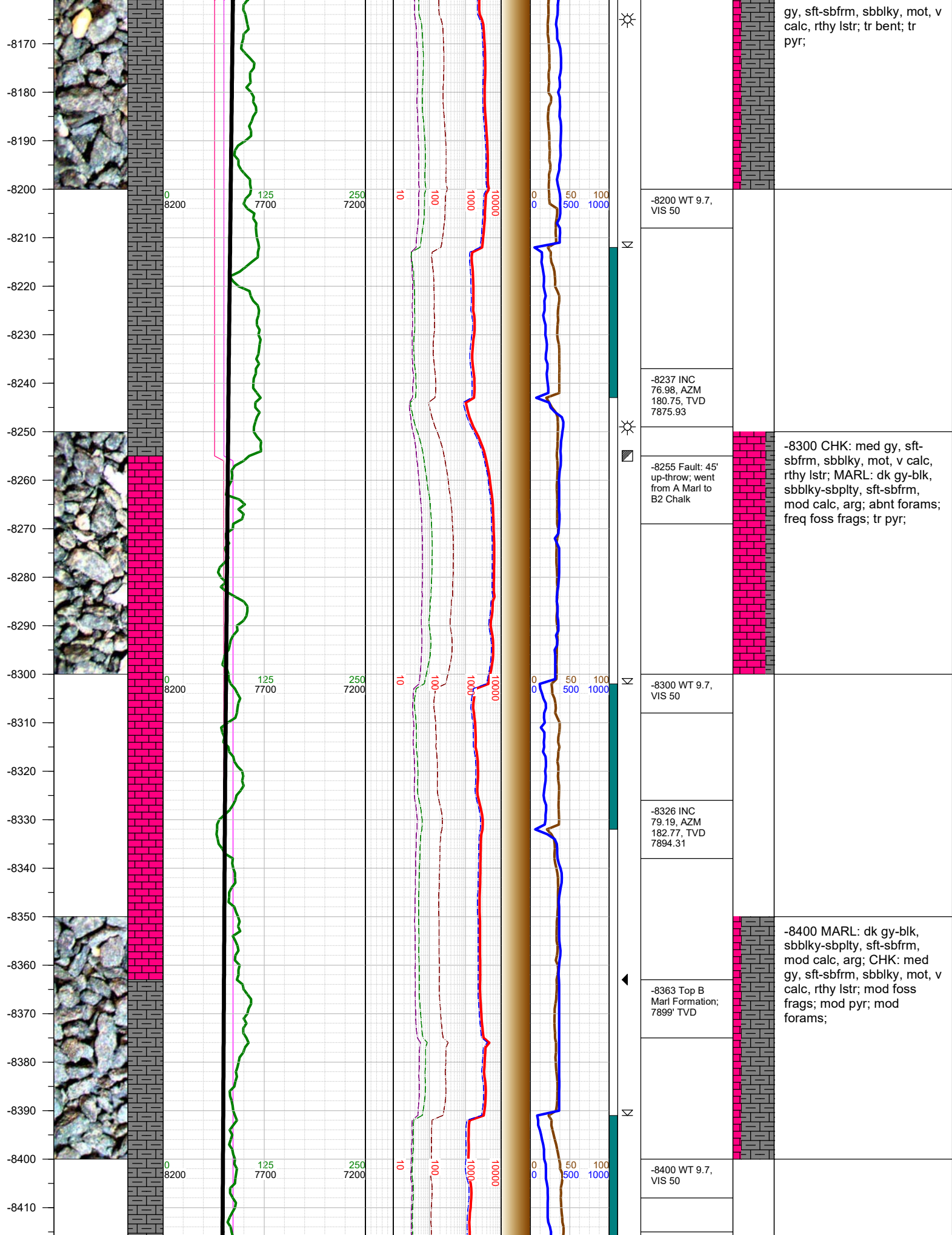


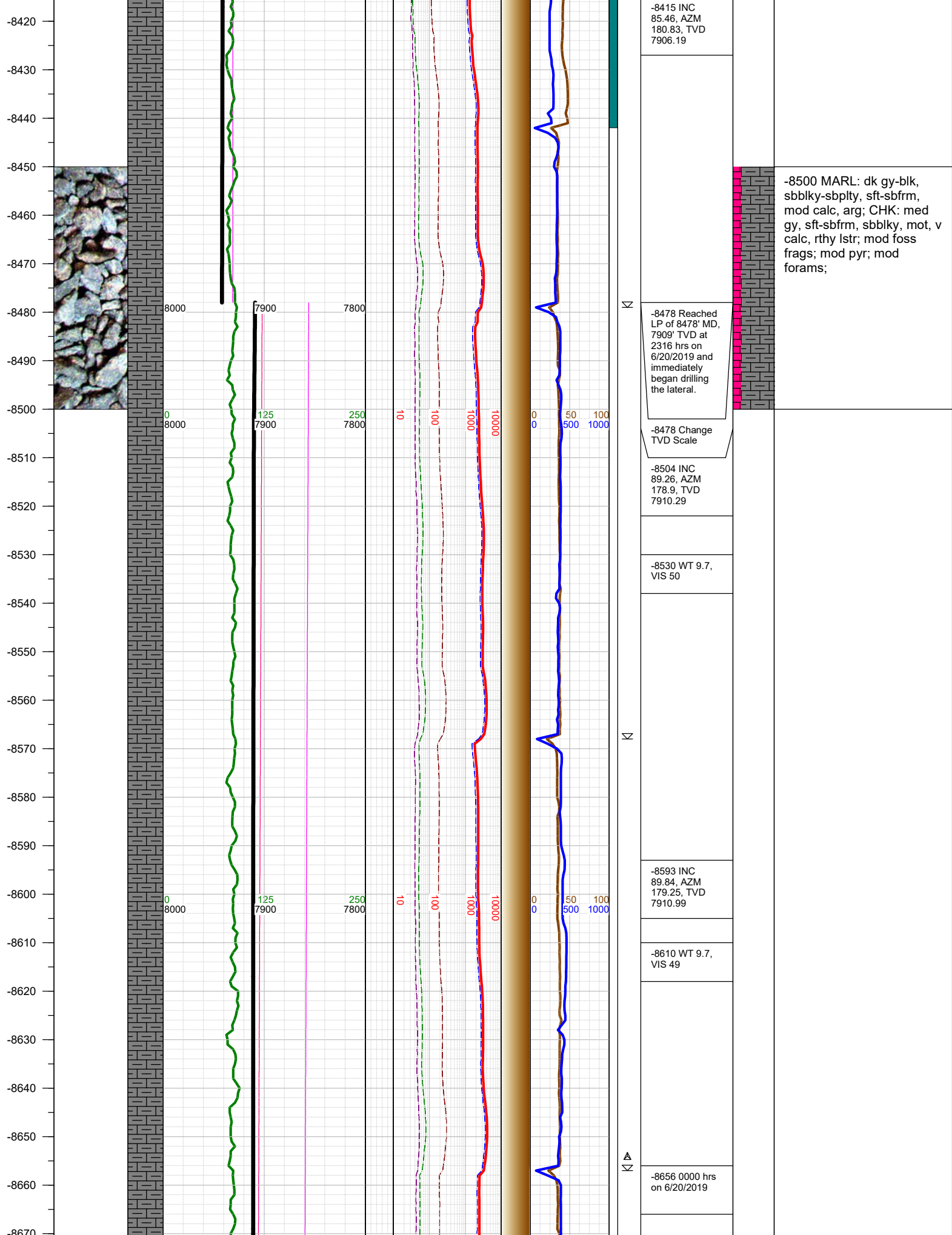


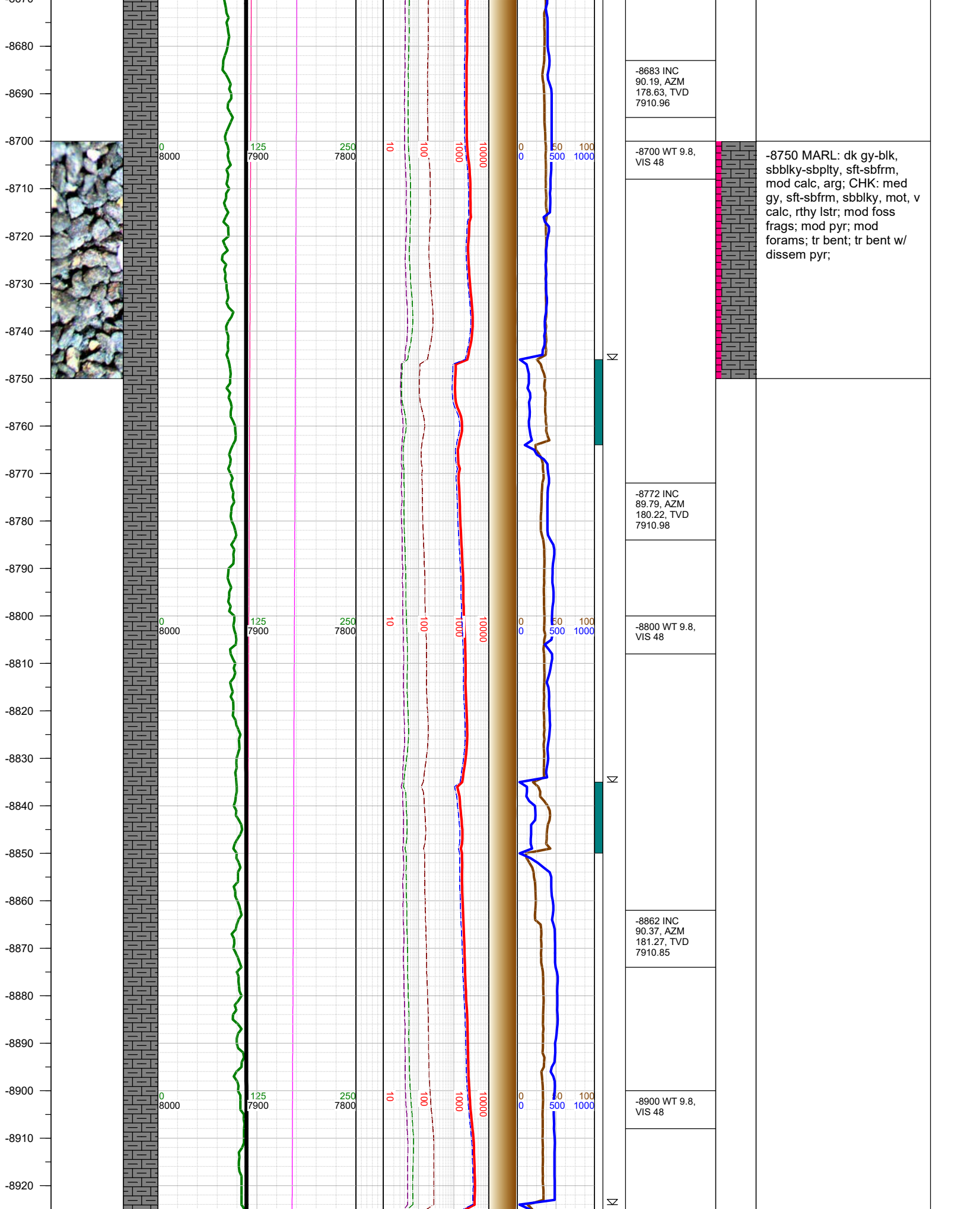




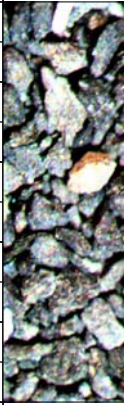








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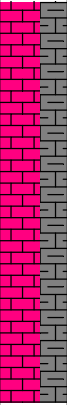
-8953 INC 90.1,
AZM 181.58,
TVD 7910.48

-9000 WT 9.8,
VIS 48

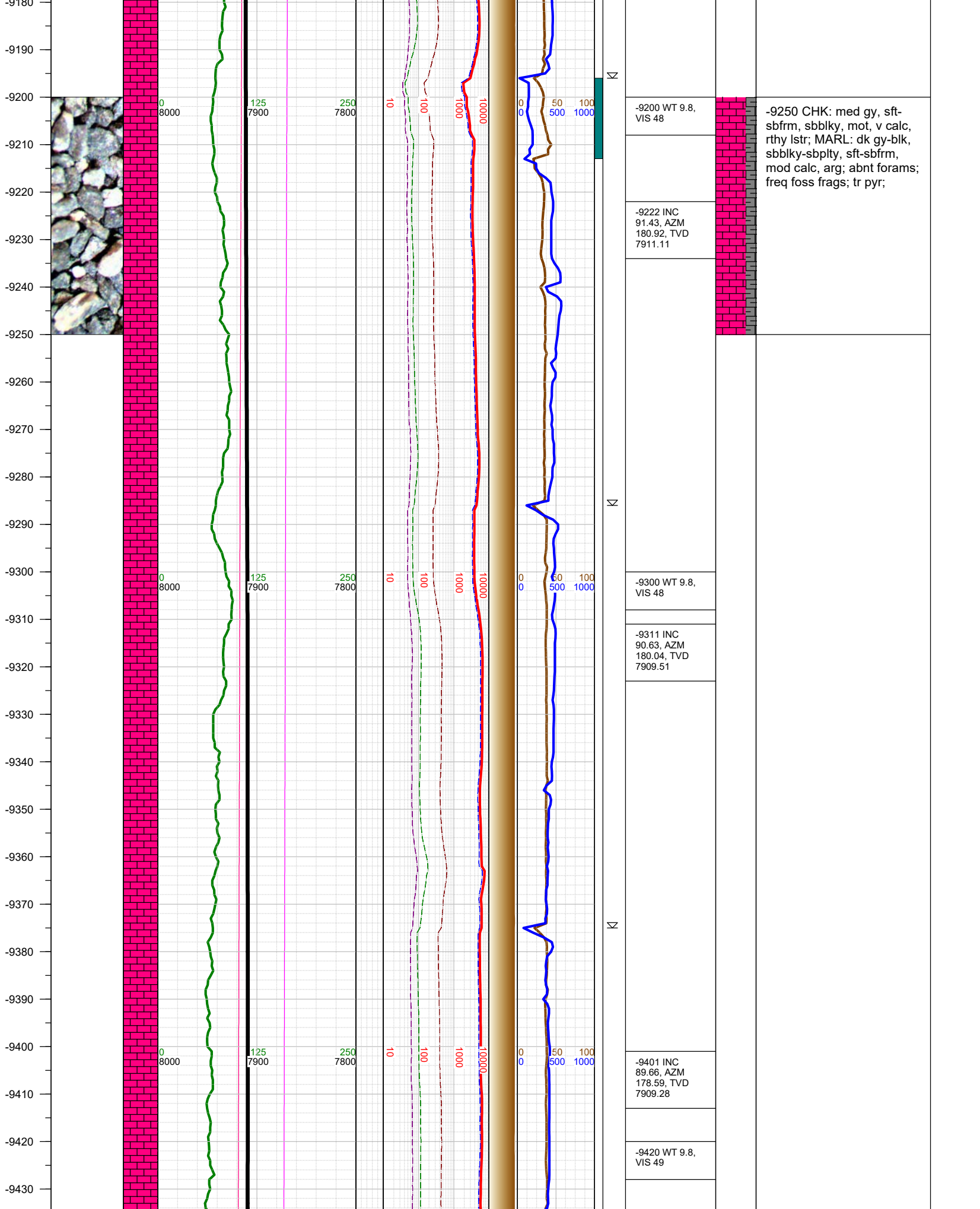
-9043 INC 89.4,
AZM 180.97,
TVD 7910.87

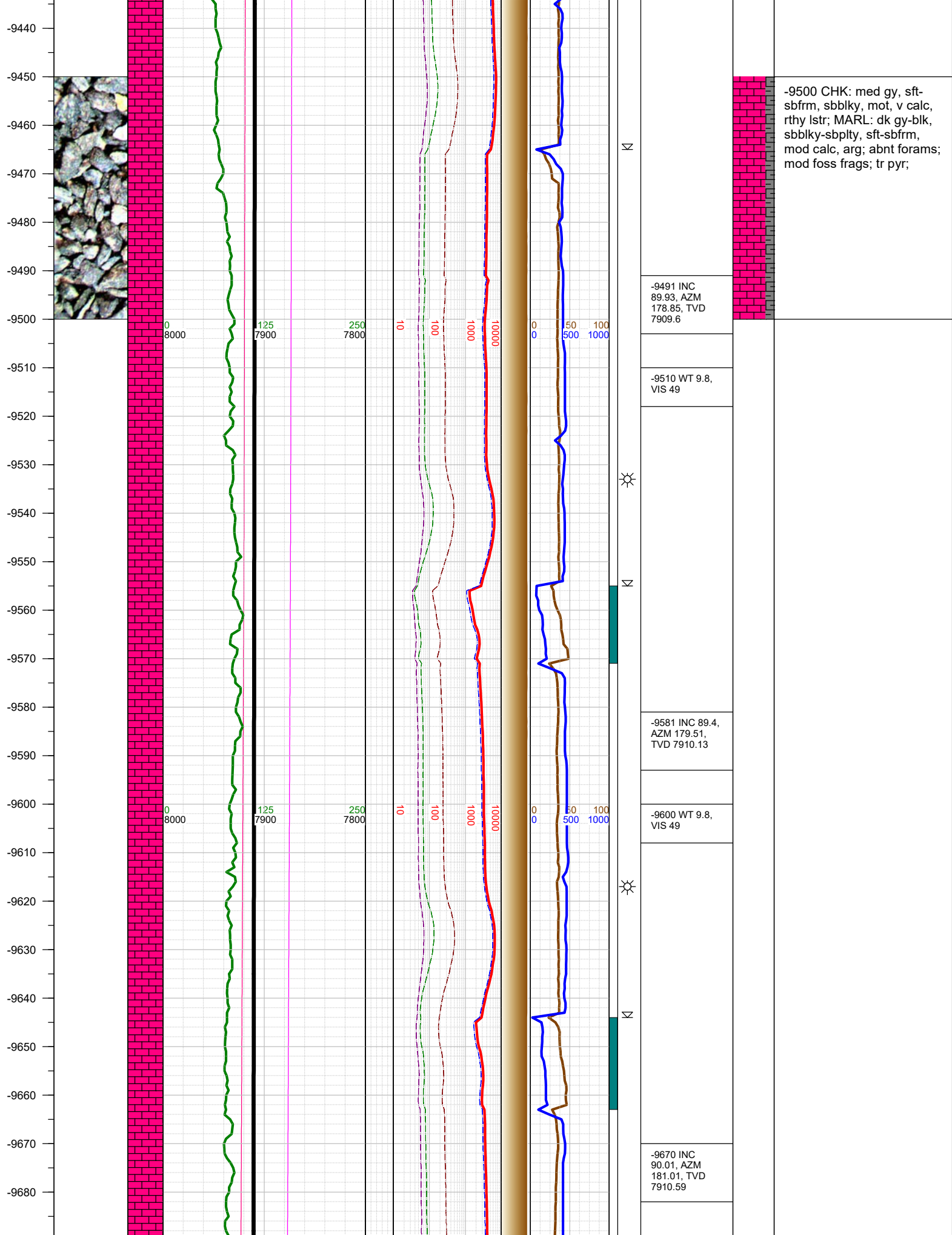
-9100 WT 9.8,
VIS 48

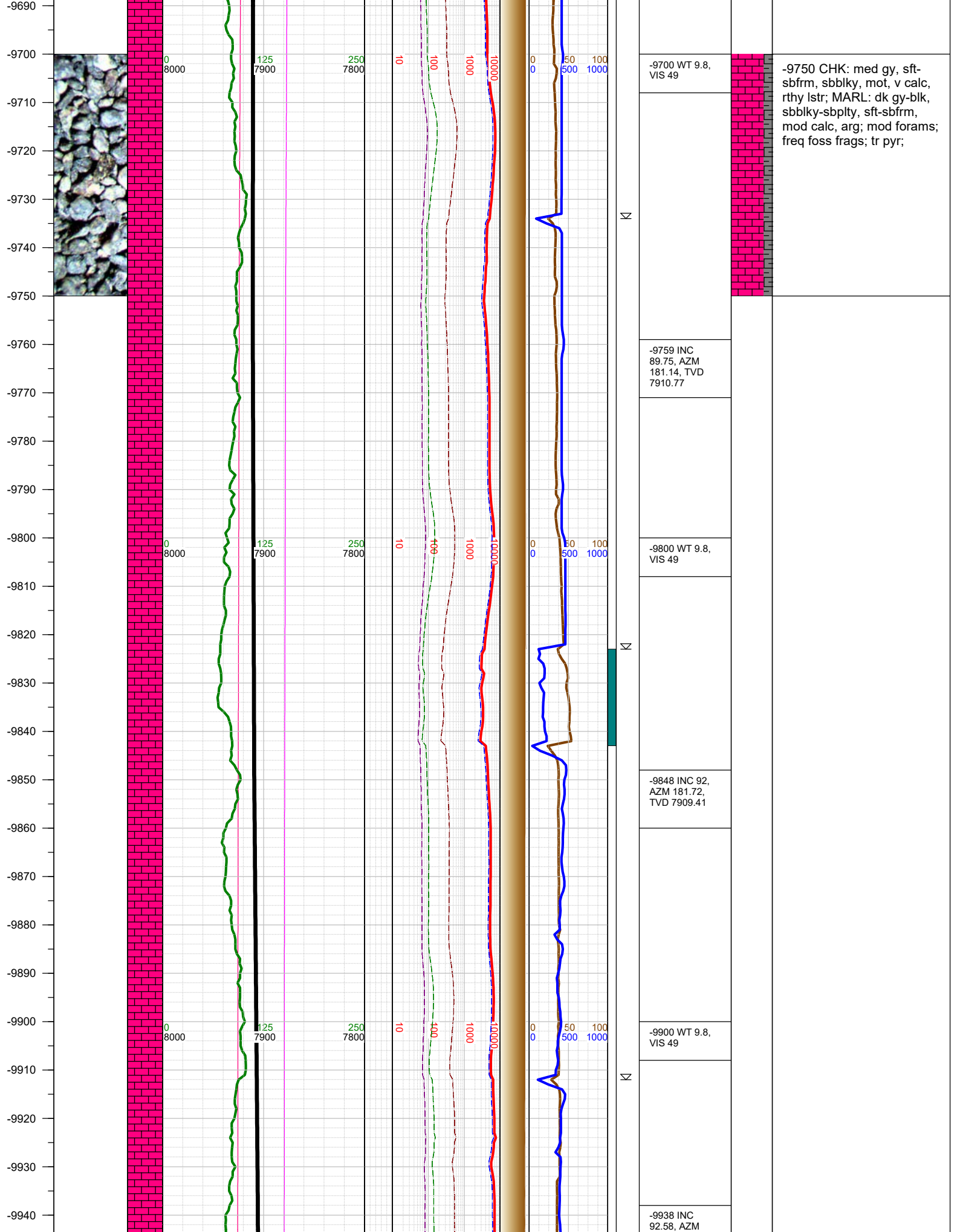
-9133 INC
89.44, AZM
180.61, TVD
7911.78

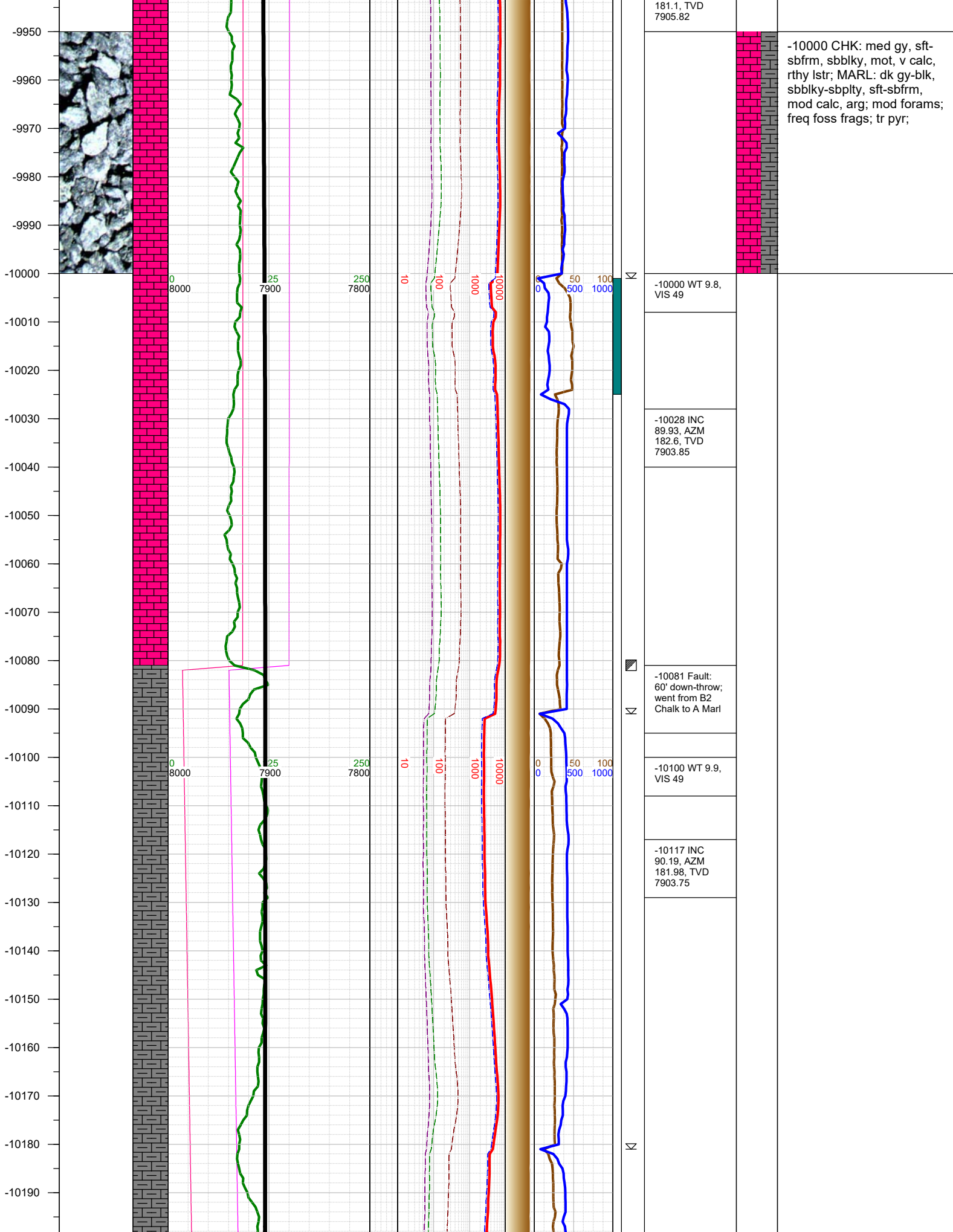


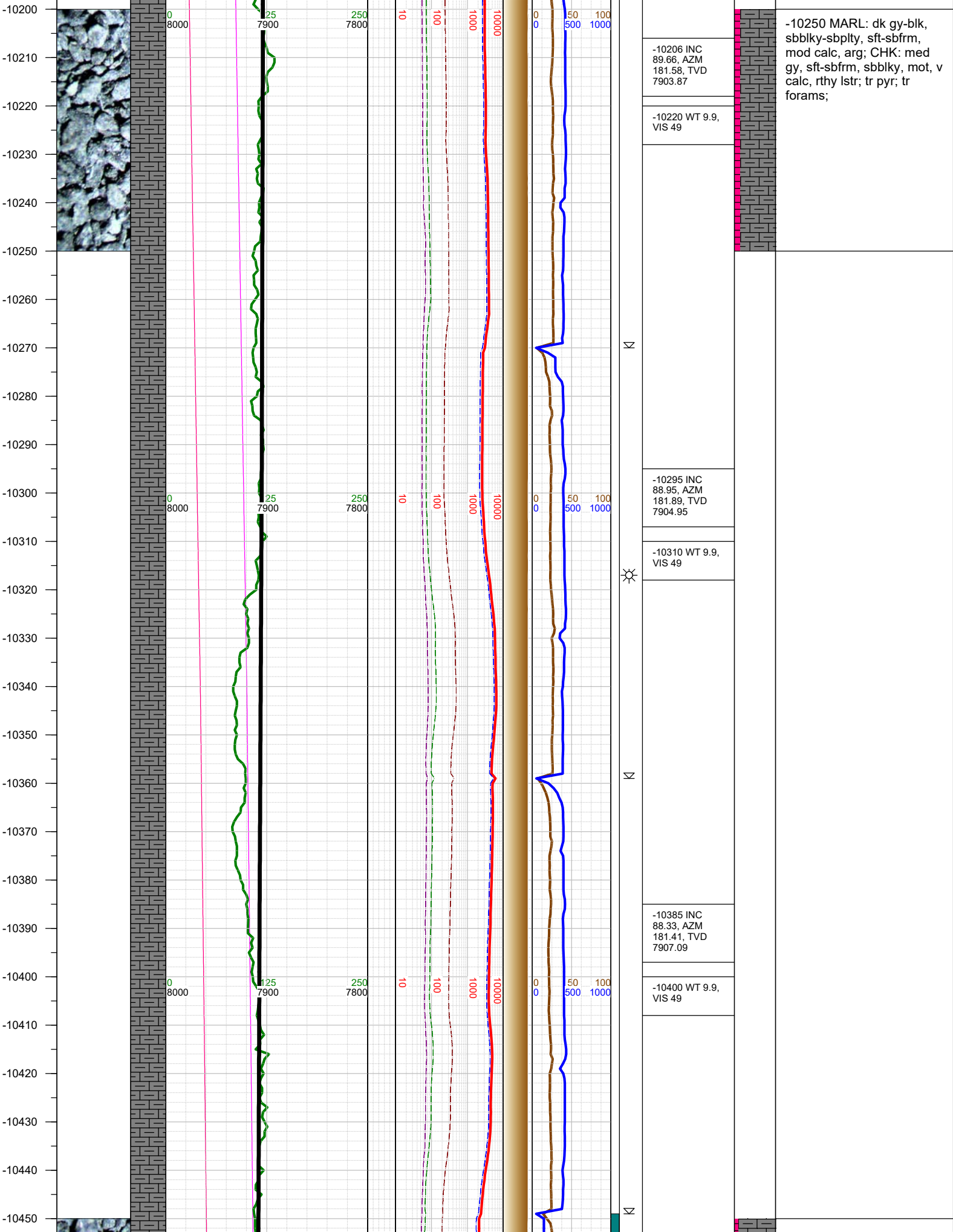
-9000 CHK: med gy, sft-
sbfrm, sbblky, mot, v calc,
rthy lstr; MARL: dk gy-blk,
sbblky-sbply, sft-sbfrm,
mod calc, arg; abnt forams;
freq foss frags; tr pyr;

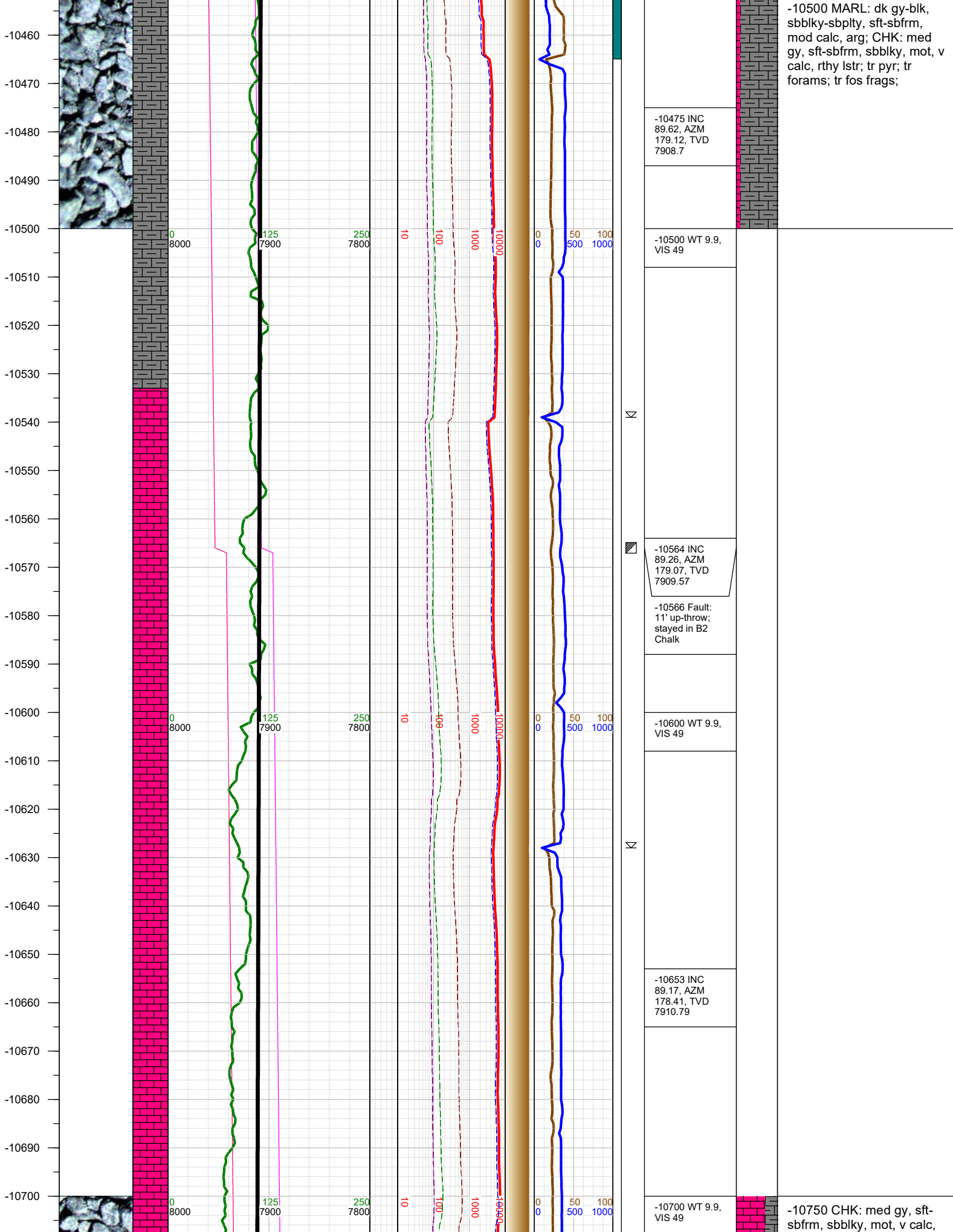


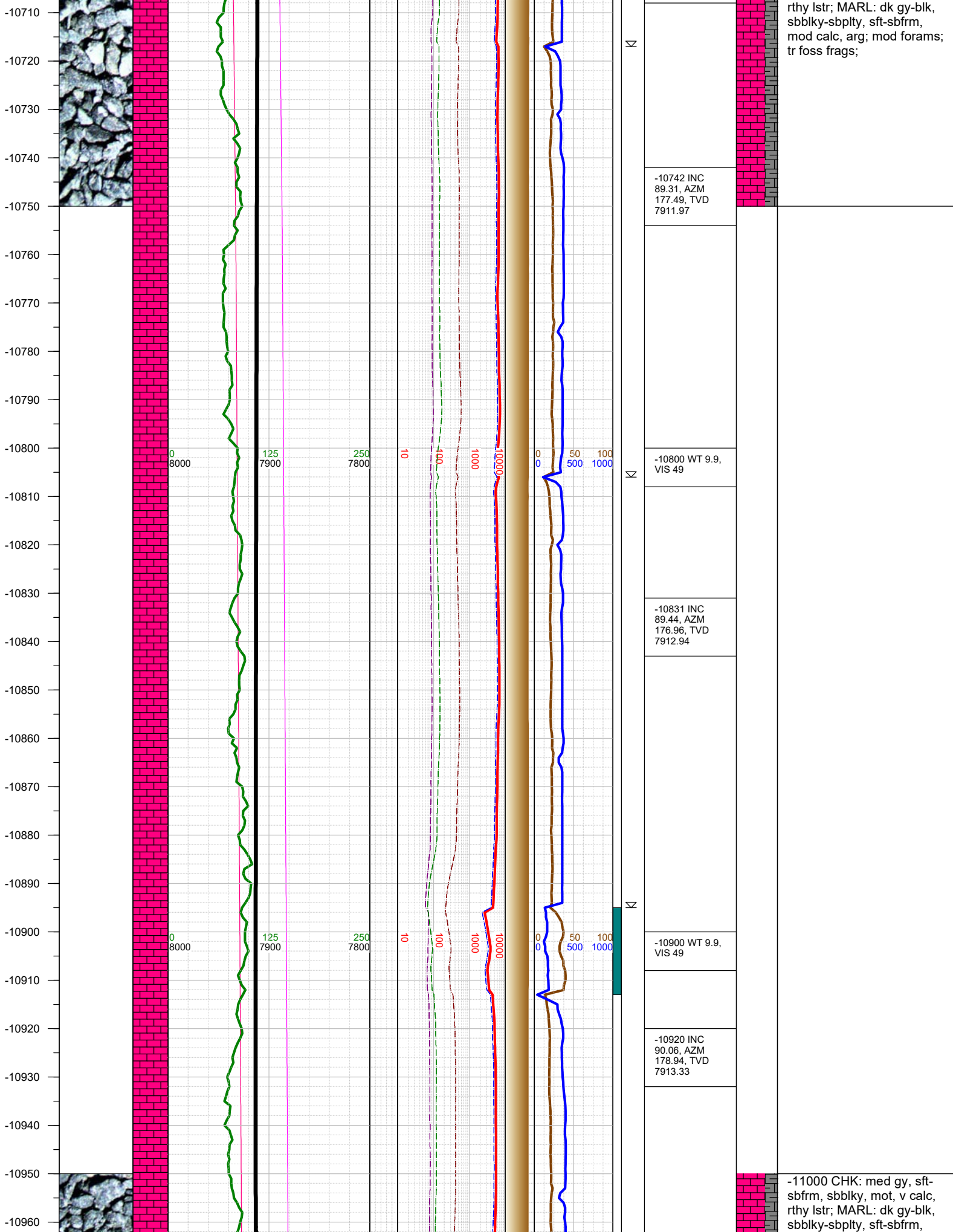


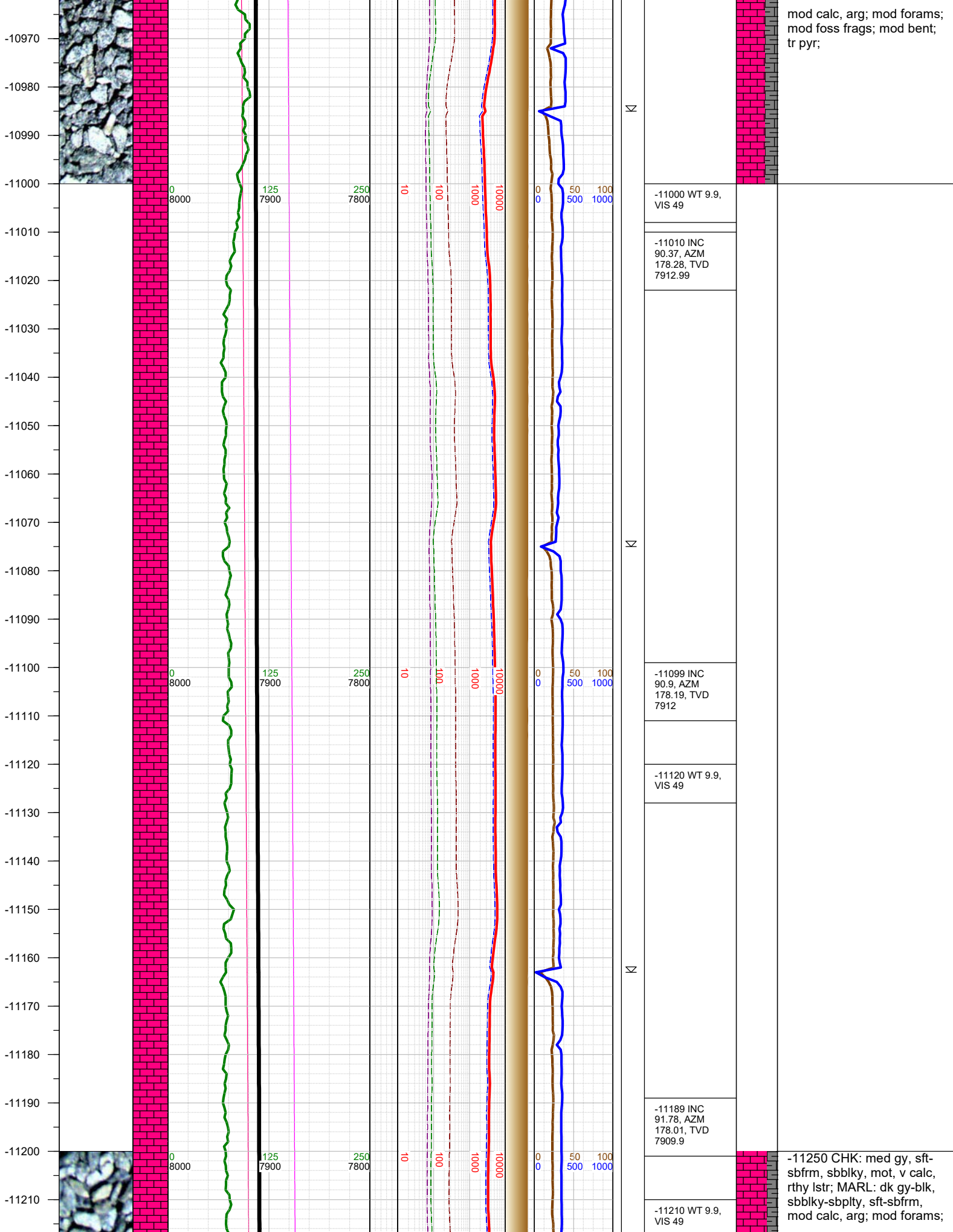






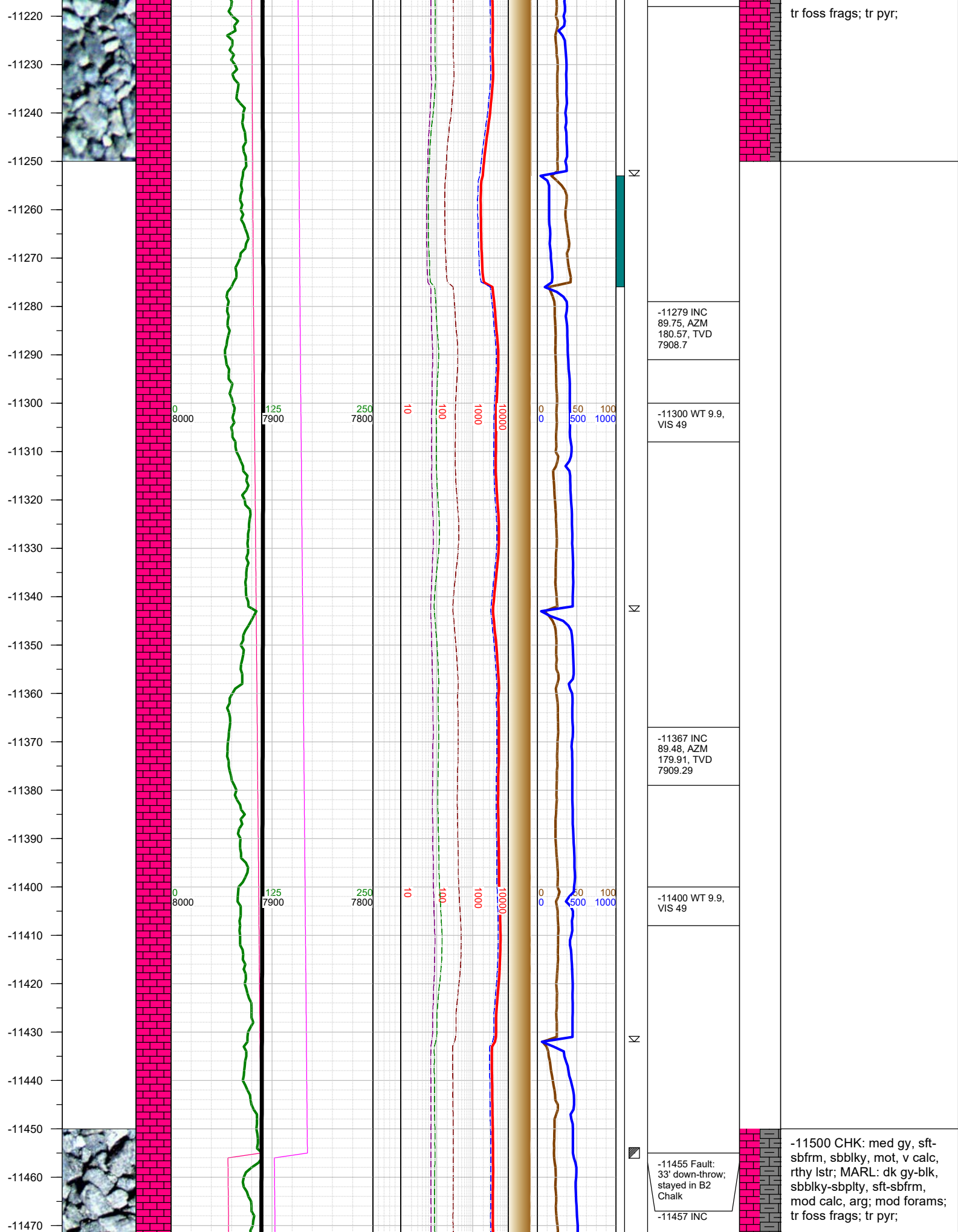


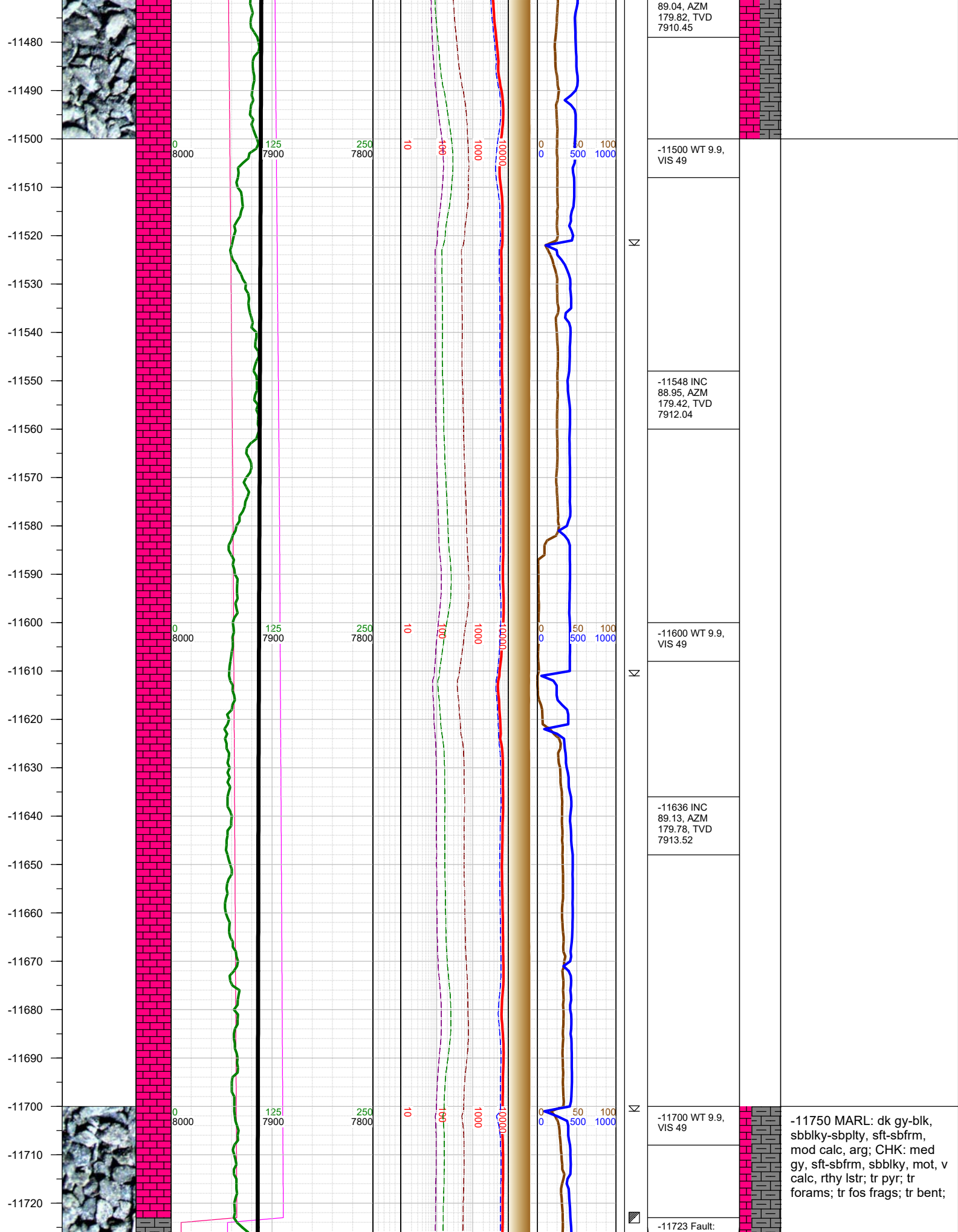


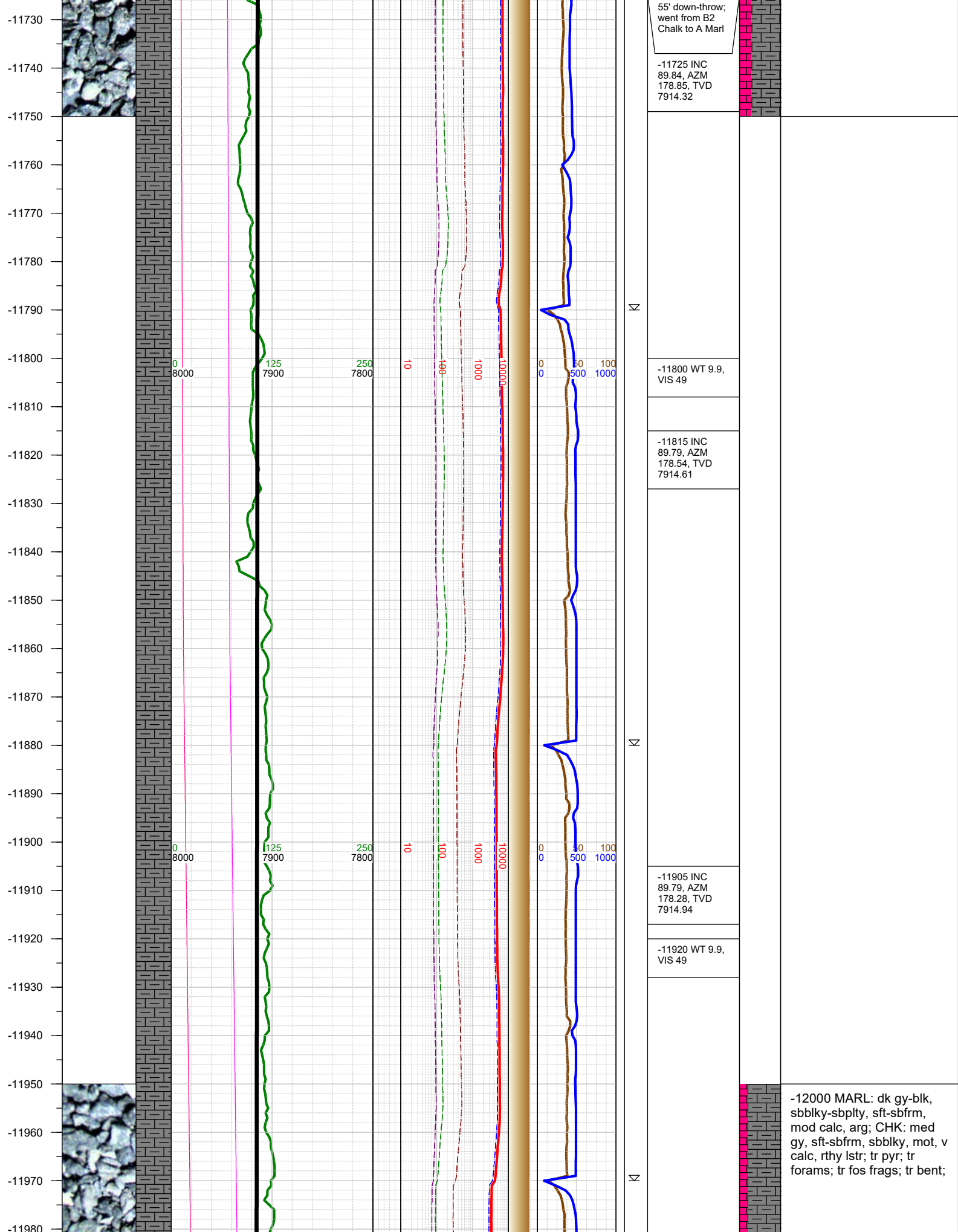


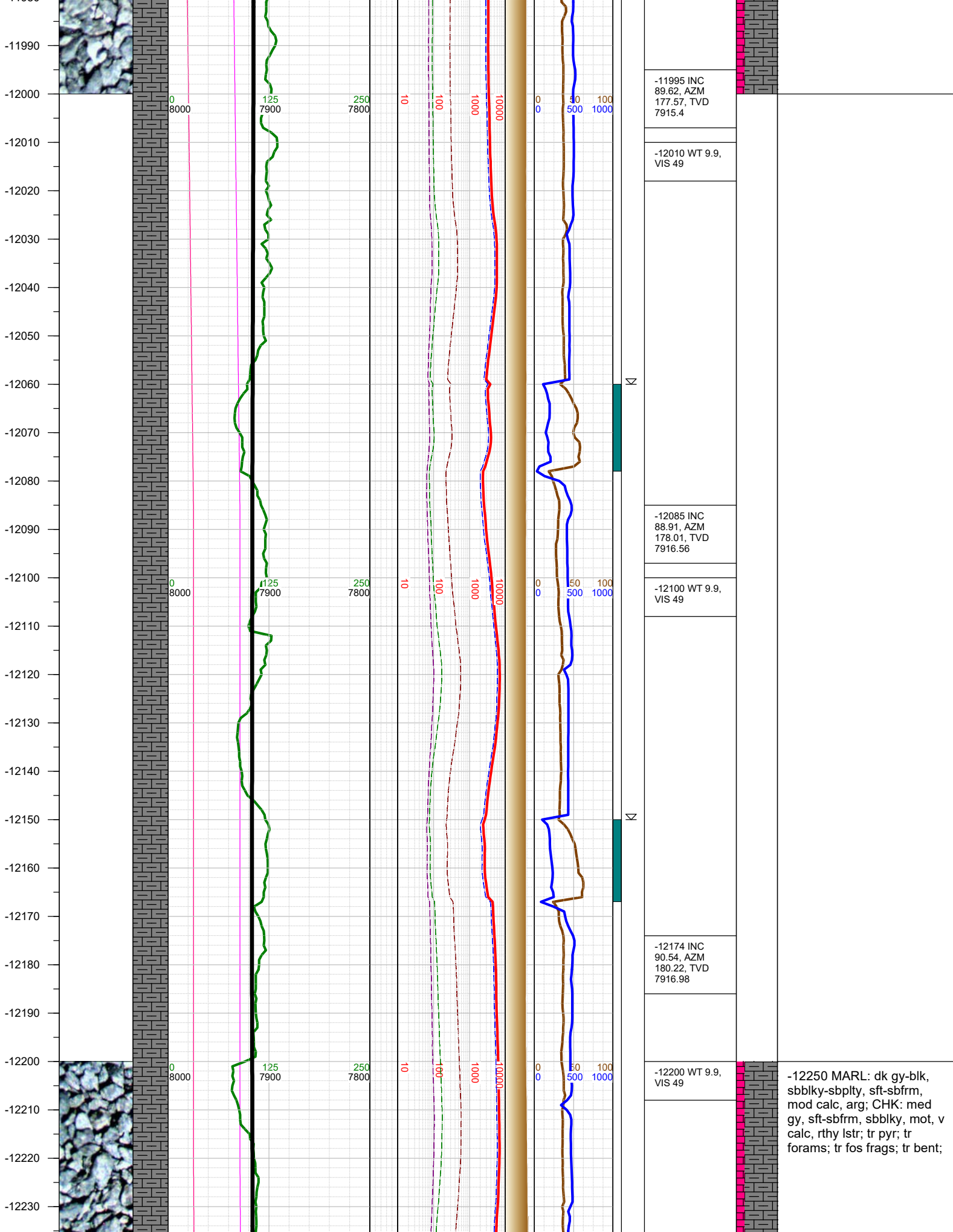
mod calc, arg; mod forams;
mod foss frags; mod bent;
tr pyr;

-11250 CHK: med gy, sft-sbfrm, sbblky, mot, v calc, rthy lstr; MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, mod calc, arg; mod forams;

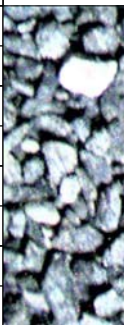
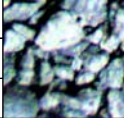








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-12264 INC
90.81, AZM
179.78, TVD
7915.92

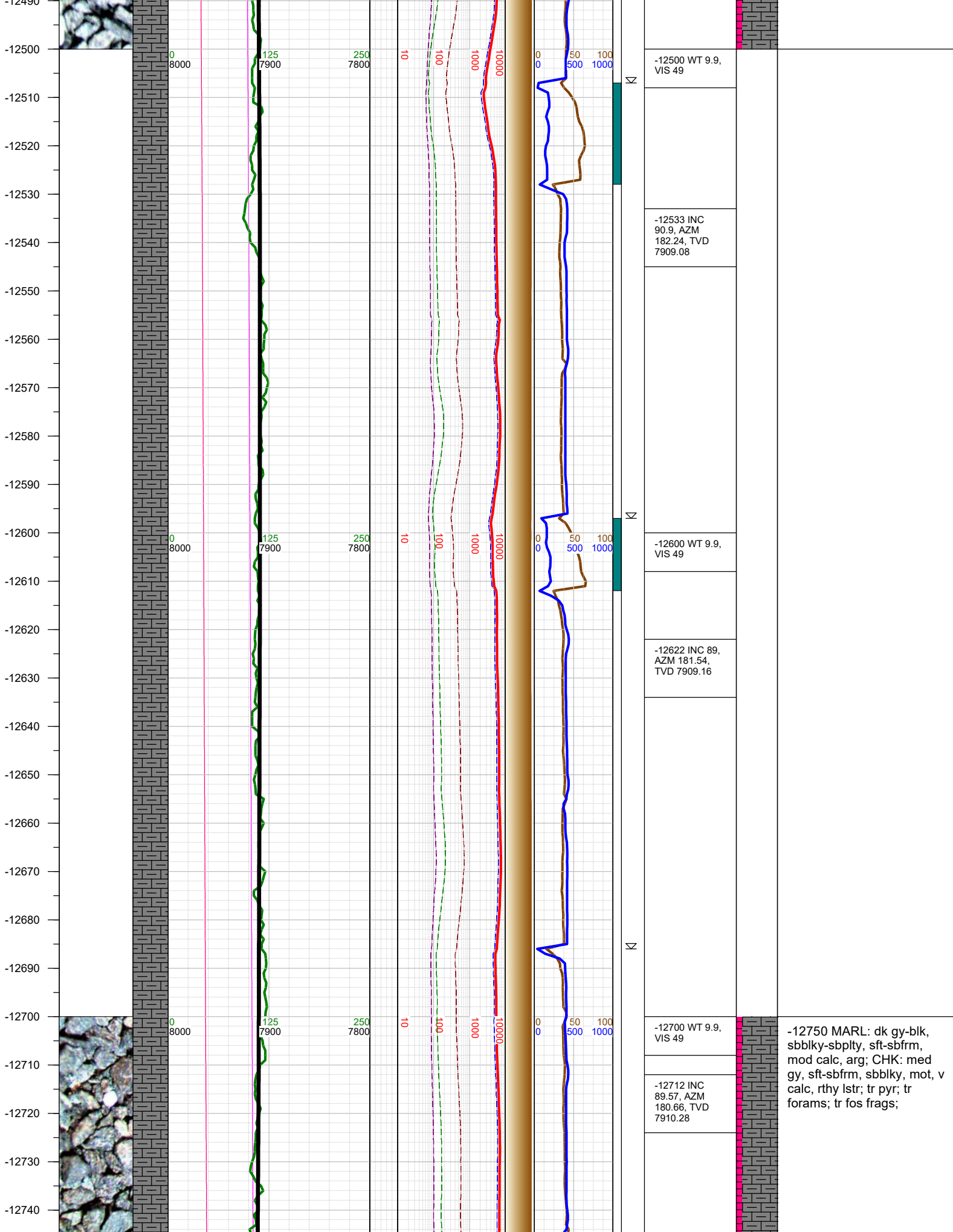
-12300 WT 9.9,
VIS 49

-12354 INC
91.25, AZM
180.57, TVD
7914.31

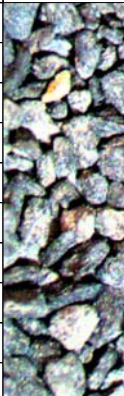
-12400 WT 9.9,
VIS 49

-12443 INC
92.27, AZM
180.79, TVD
7911.57

-12500 MARL: dk gy-blk,
sbbly-sbply, sft-sbfrm,
mod calc, arg; CHK: med
gy, sft-sbfrm, sbbly, mot, v
calc, rthy lstr; tr pyr; tr
forams; tr fos frags;



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-12801 INC
87.19, AZM
180.17, TVD
7912.8

-12820 WT 9.9,
VIS 49

-12890 INC
87.67, AZM
179.91, TVD
7916.79

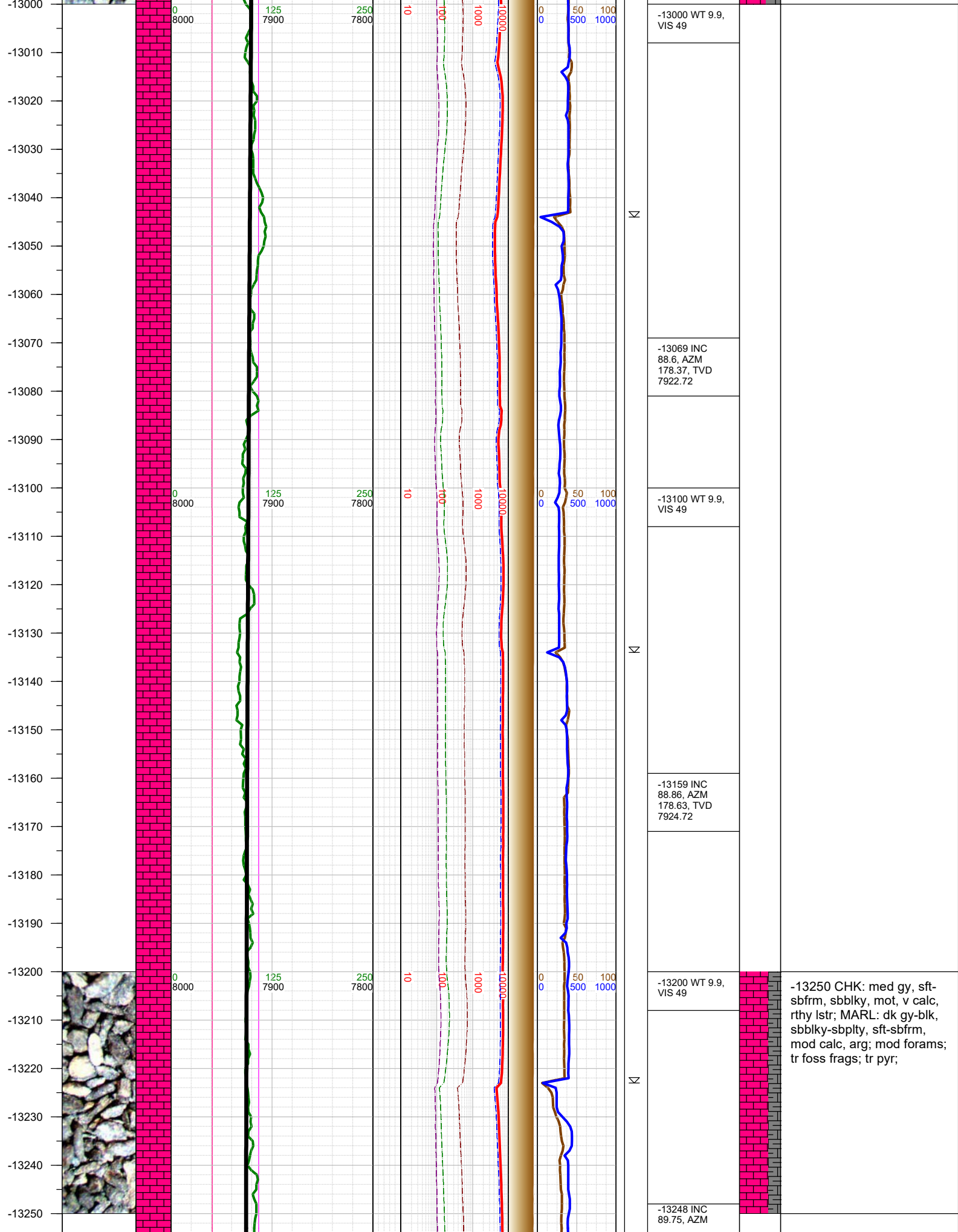
-12910 WT 9.9,
VIS 49

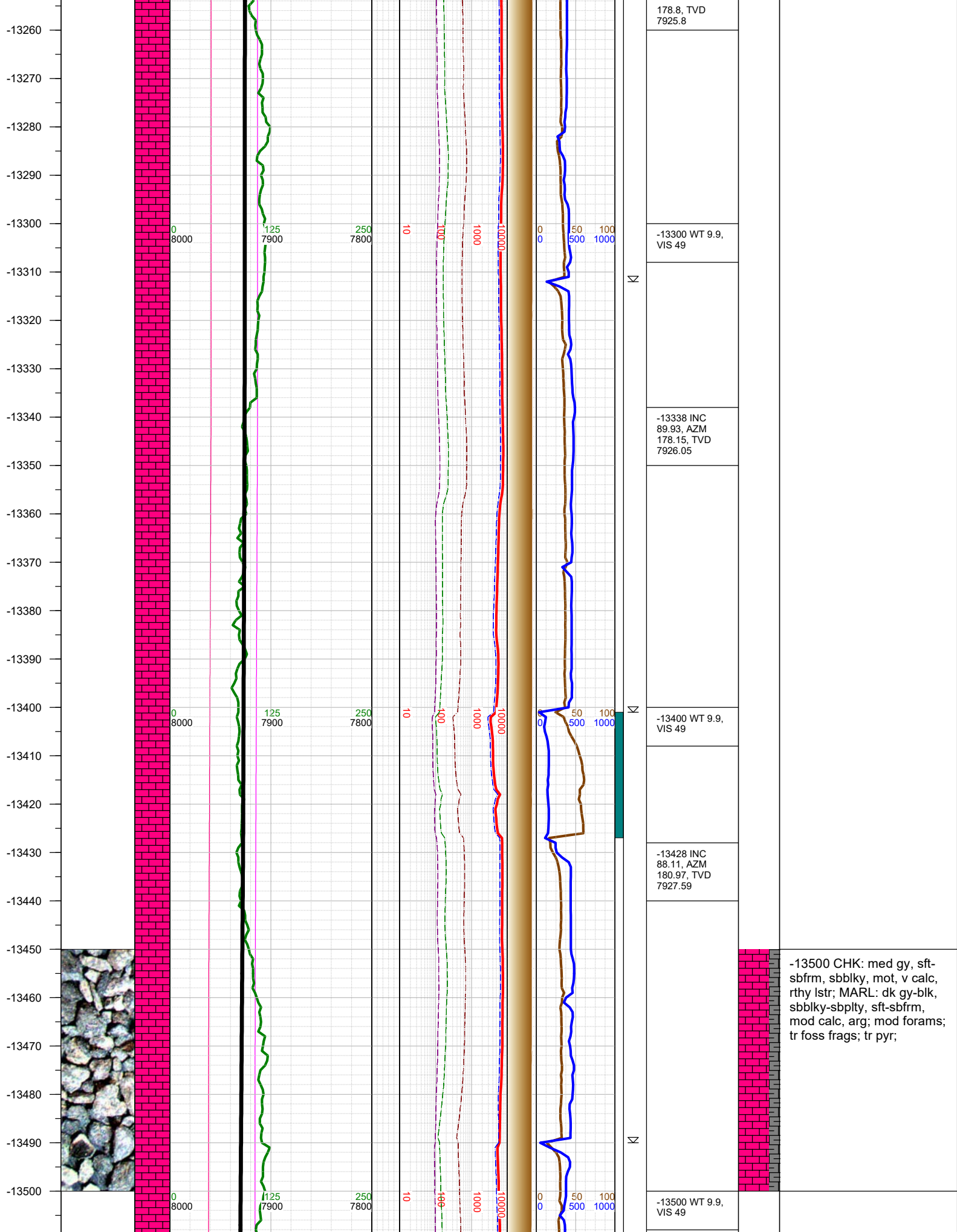
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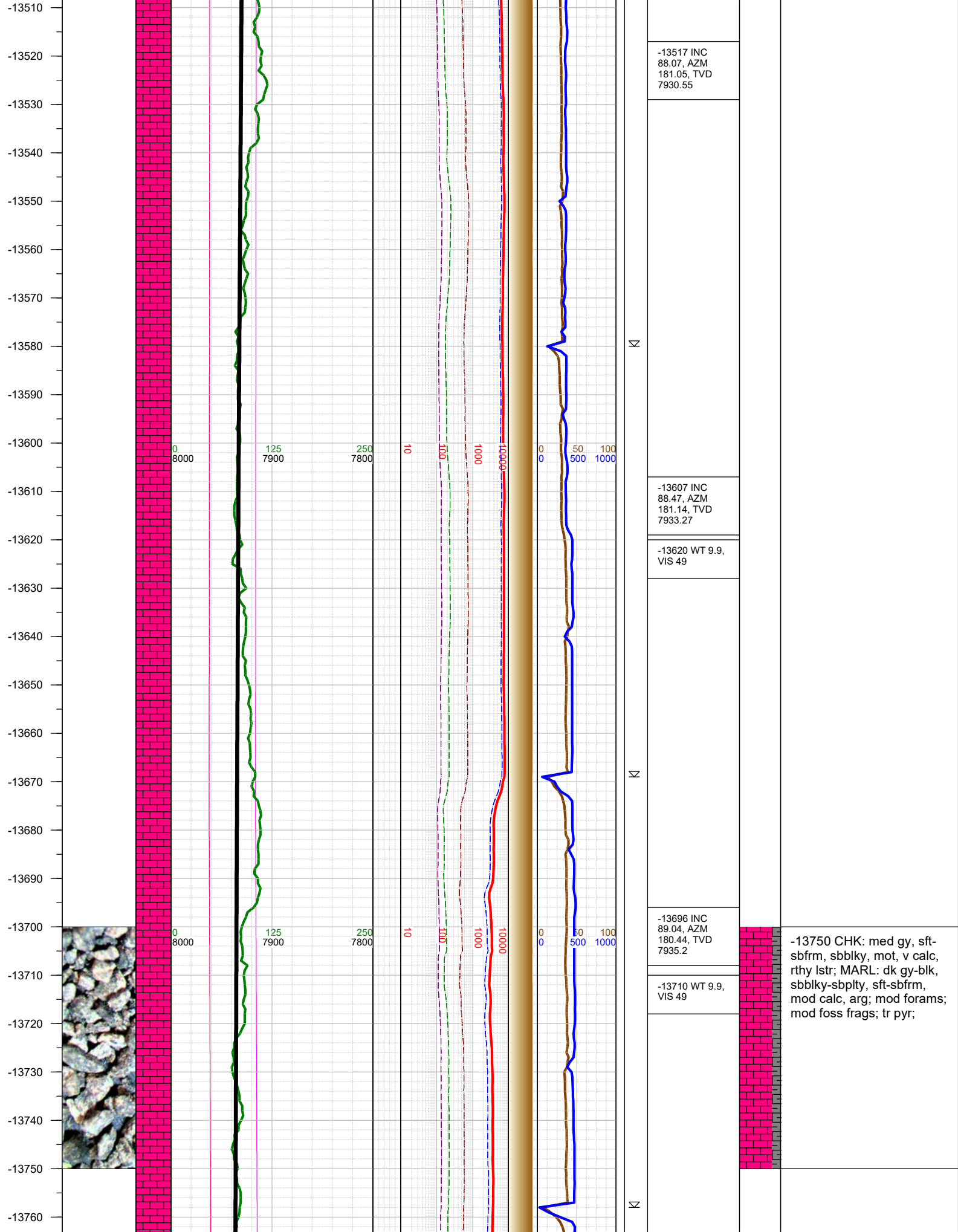
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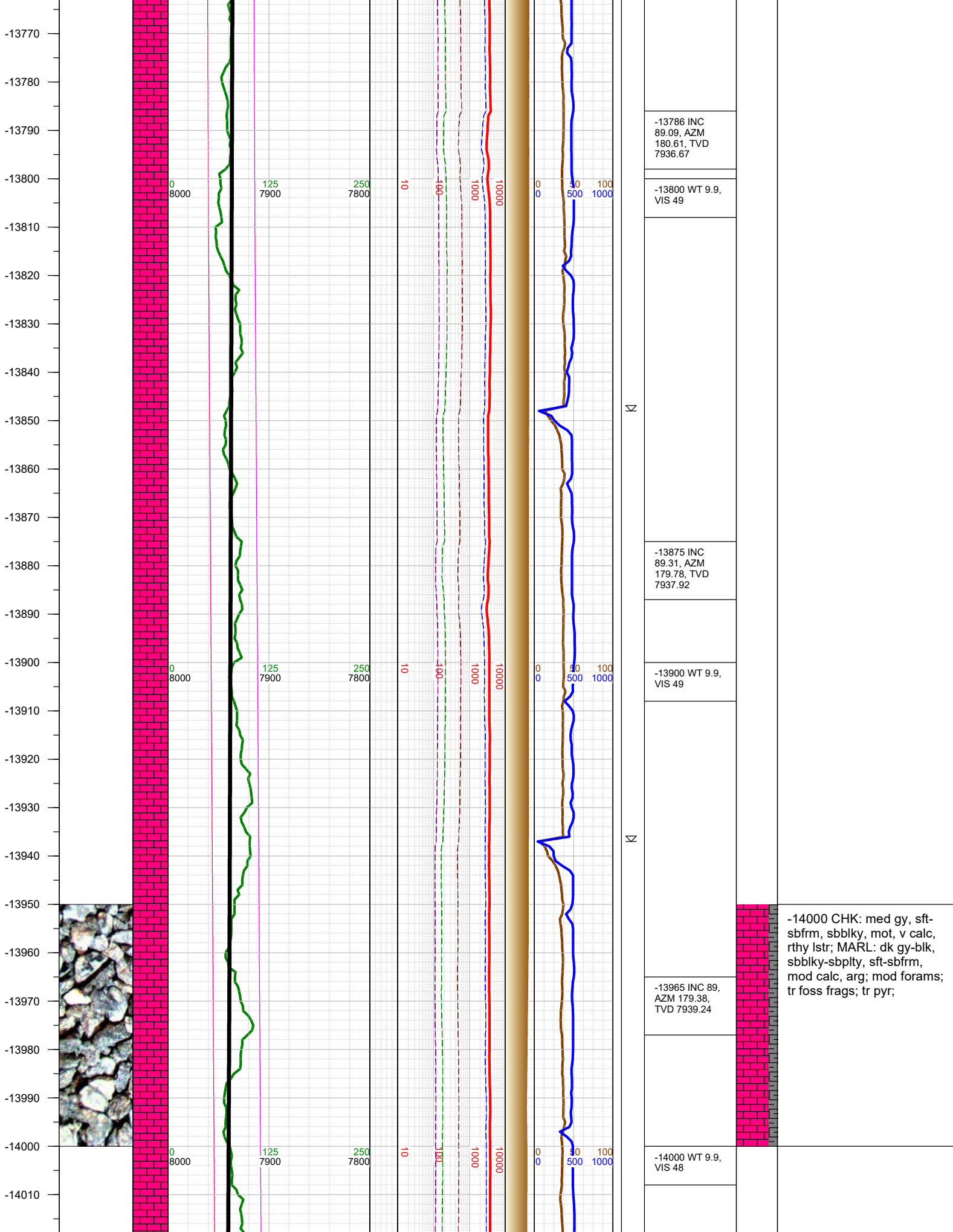
-13000 CHK: med gy, sft-
sbfrm, sbblky, mot, v calc,
rthy lstr; MARL: dk gy-blk,
sbblky-sbplty, sft-sbfrm,
mod calc, arg; mod forams;
tr foss frags; tr pyr;

-12980 INC
88.07, AZM
179.12, TVD
7920.14

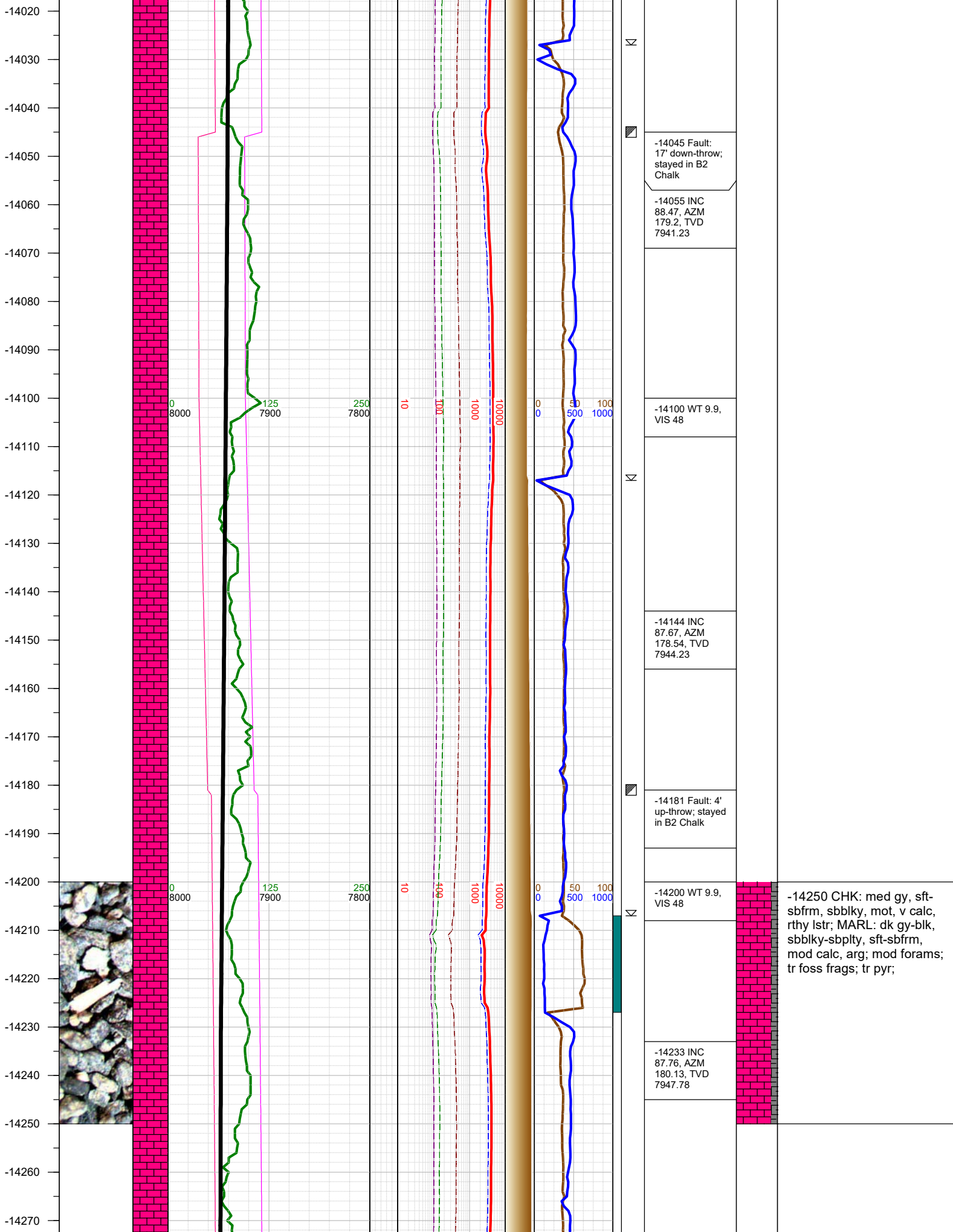


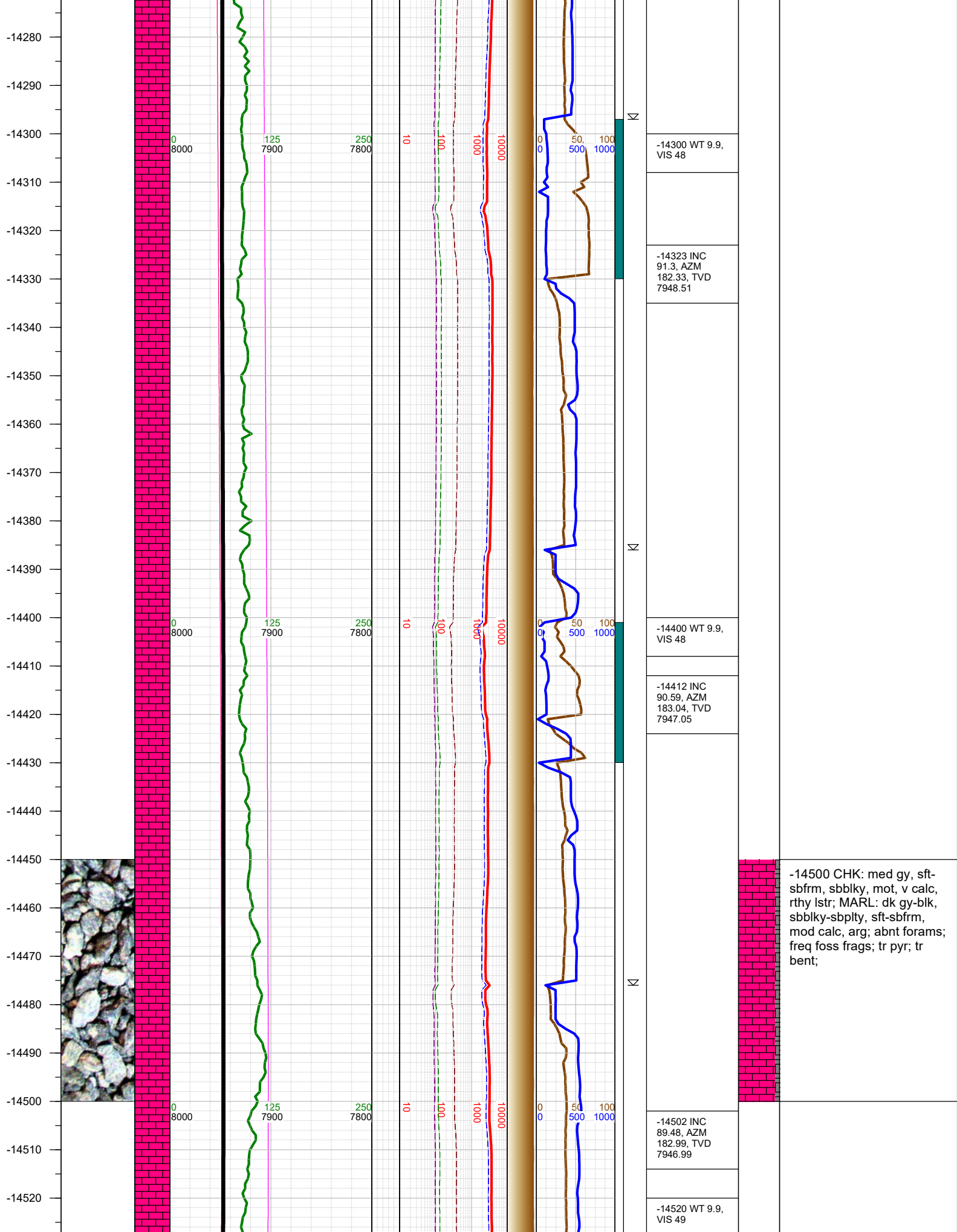


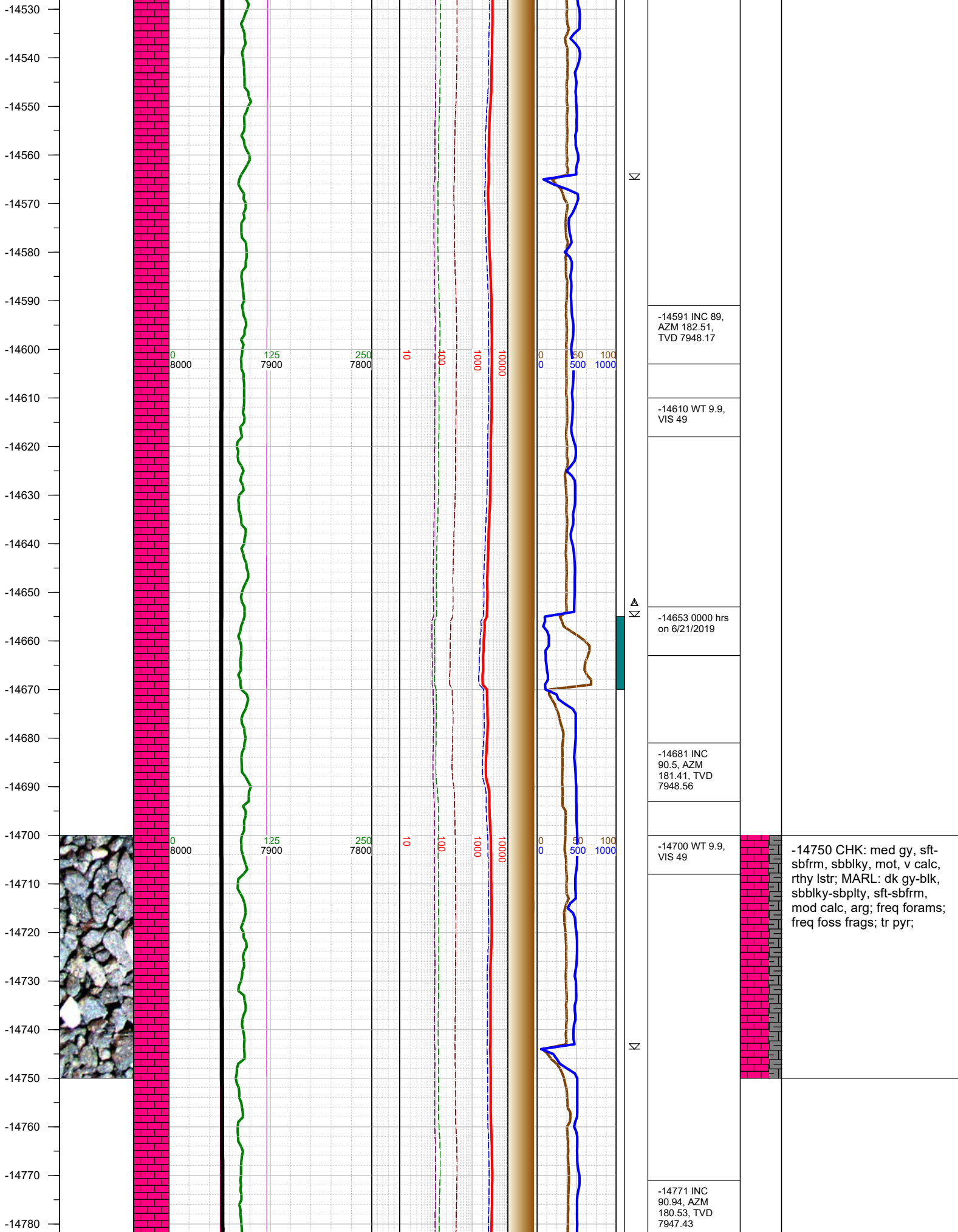


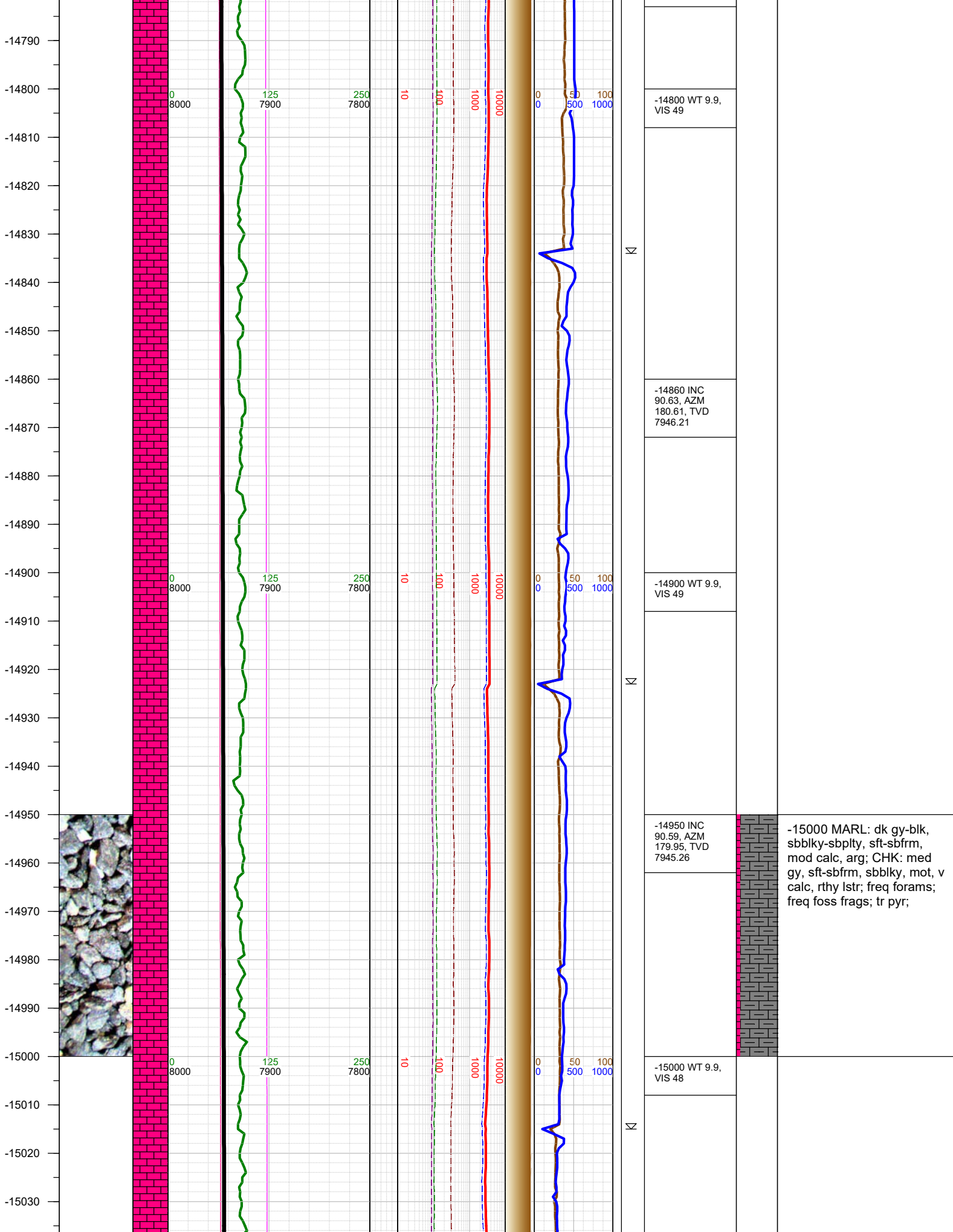


-14000 CHK: med gy, sft-sbfrm, sbblky, mot, v calc, rthy lstr; MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, mod calc, arg; mod forams; tr foss frags; tr pyr;

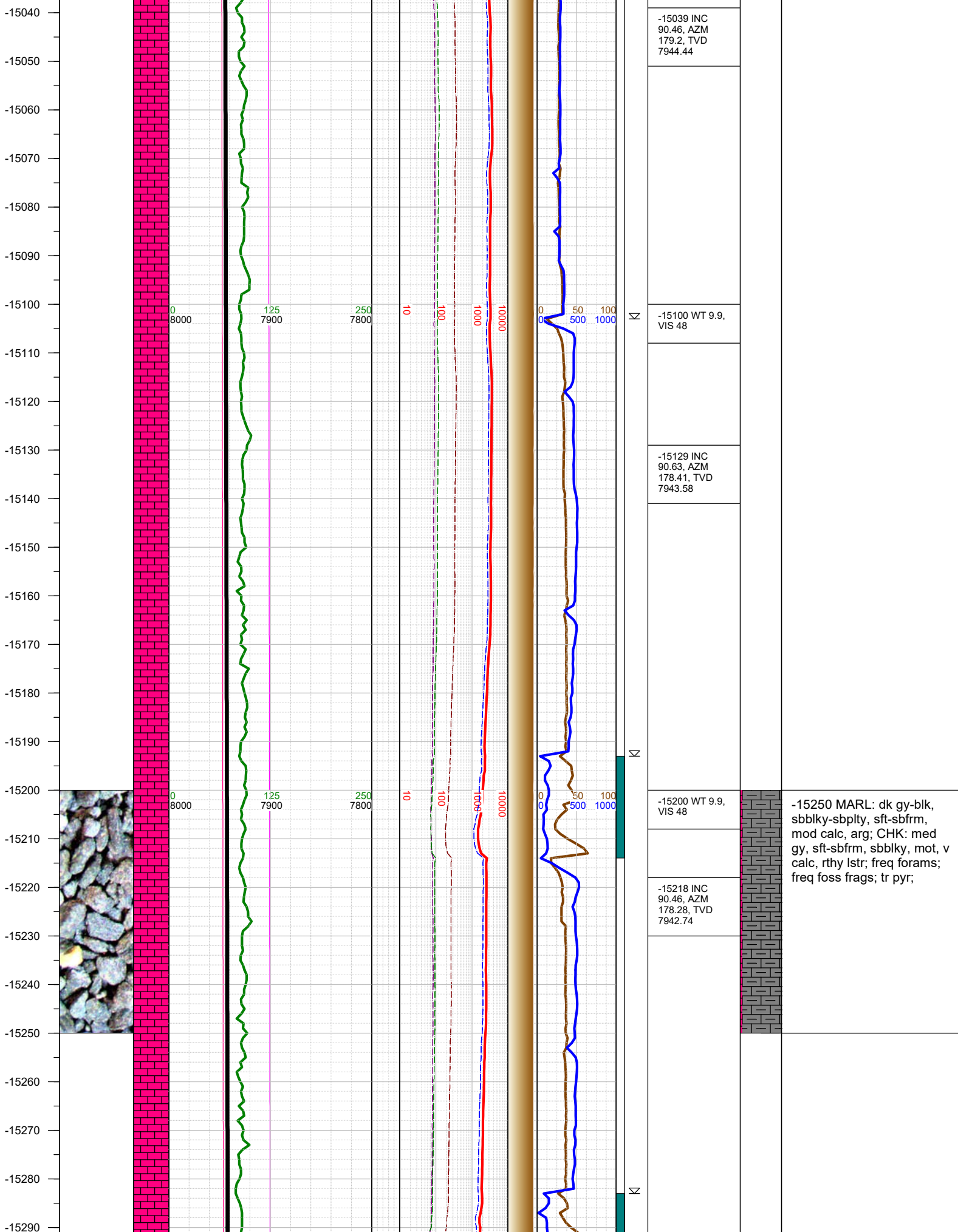


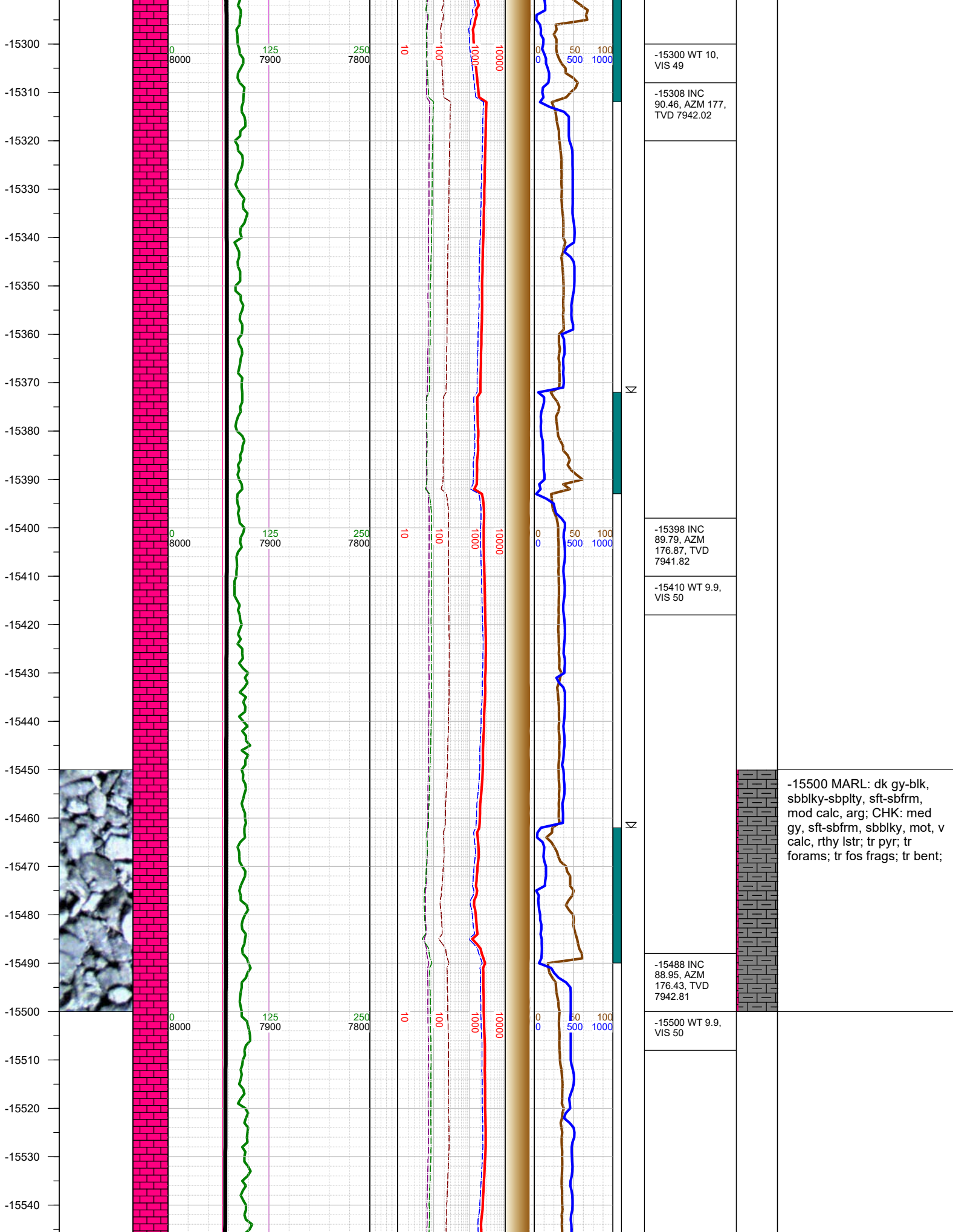




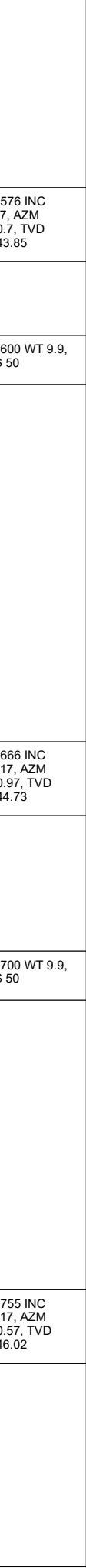
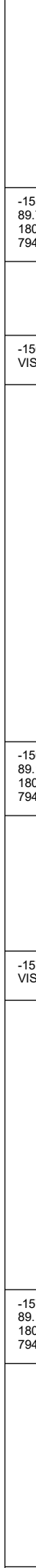
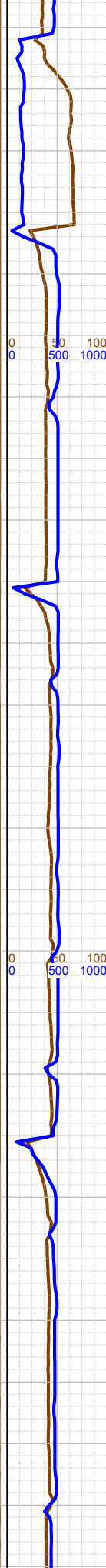
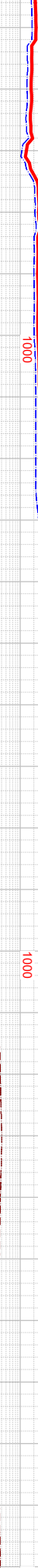
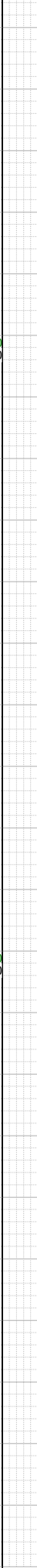
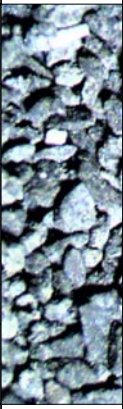


-15000 MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, mod calc, arg; CHK: med gy, sft-sbfrm, sbblky, mot, v calc, rthy lstr; freq forams; freq foss frags; tr pyr;





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	<p>-15576 INC 89.7, AZM 180.7, TVD 7943.85</p>		
<p>-15600 WT 9.9, VIS 50</p>			
<p>-15666 INC 89.17, AZM 180.97, TVD 7944.73</p>			
<p>-15700 WT 9.9, VIS 50</p>			
<p>-15755 INC 89.17, AZM 180.57, TVD 7946.02</p>			

-15750 MARL: dk gy-blk, sbbkly-sbplty, sft-sbfrm, mod calc, arg; CHK: med gy, sft-sbfrm, sbbkly, mot, v calc, rthy lstr; tr pyr; tr forams; abdnt fos frags; tr bent;

