

OPERATOR: **Extraction Oil & Gas**
WELL NAME: **Coyote Trails 33S-20-3N**
FIELD NAME: DJ Basin - Wattenberg
DRILLING RIG: Ensign 147
API #: 05-123-45988

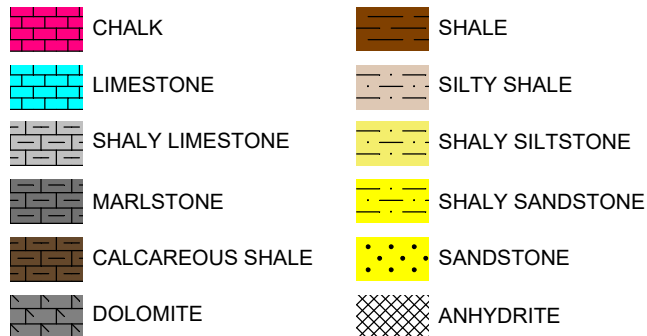
LAT/LONG: 40.017976, -105.007153
SURFACE HOLE: SWSE S28-T1N-R68W, 1148' FSL, 2265' FEL
BOTTOM HOLE: S4-T1S-R68W, 150' FSL, 2503' FEL



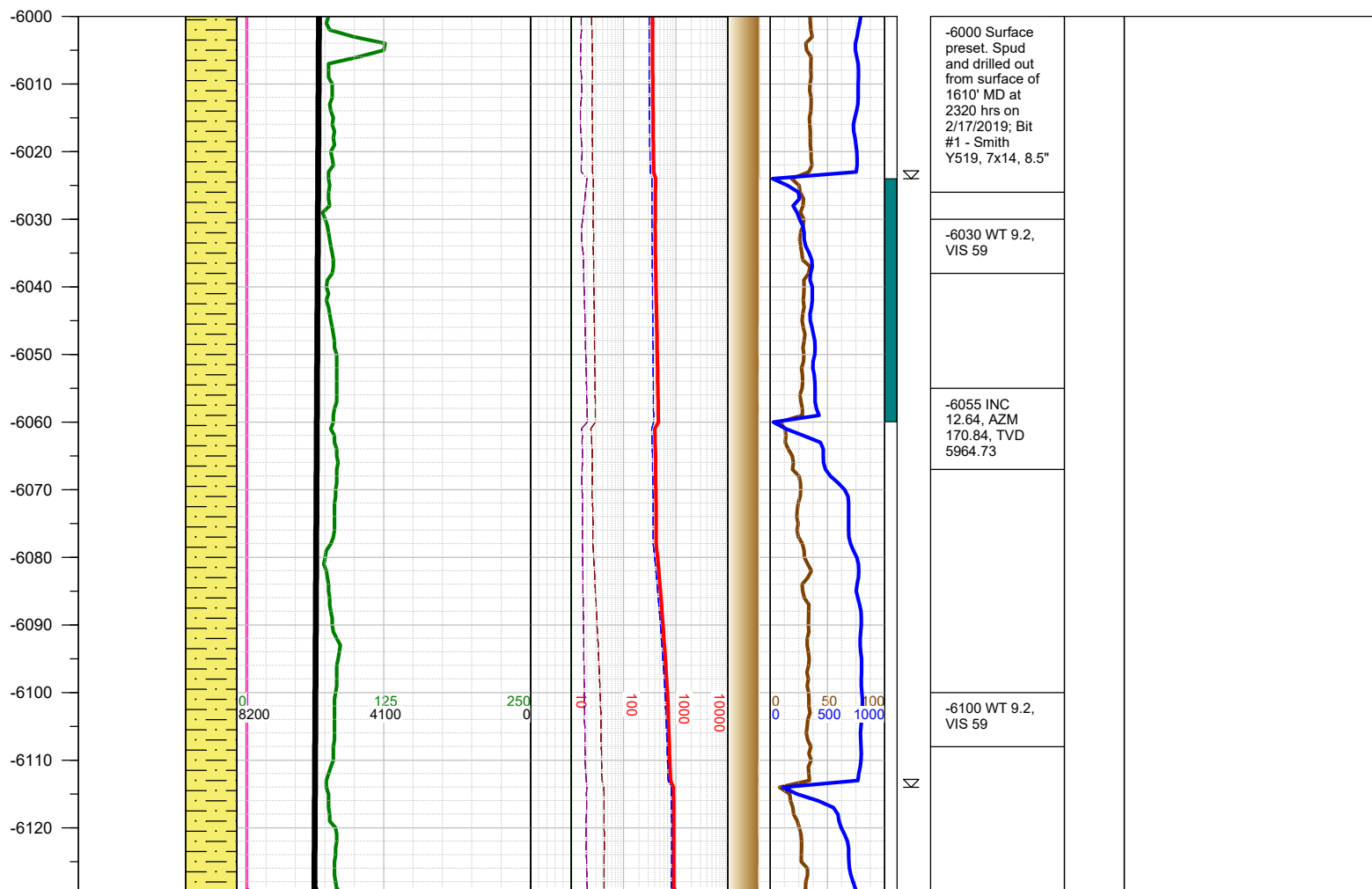
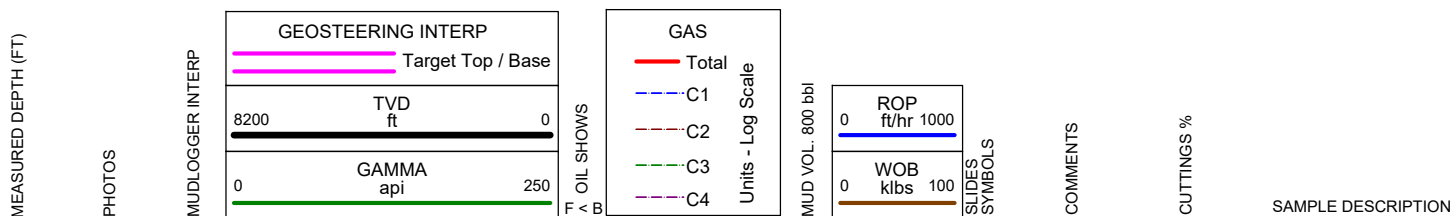
Earth Science Agency, LLC

COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 5271'
KELLY BUSHING: 5300'
DRILLING FLUID: OBM
TVD VS. MD: 7937' / 17877'
SPUD DATE: February 17, 2019
TD DATE: February 20, 2019
DEPTHS LOGGED: 6000' - 17877'
DATES LOGGED: February 18, 2019 - February 20, 2019
GEOLOGISTS: Curtis Magnino, Kyle Newman
SCALE: 5" = 100'

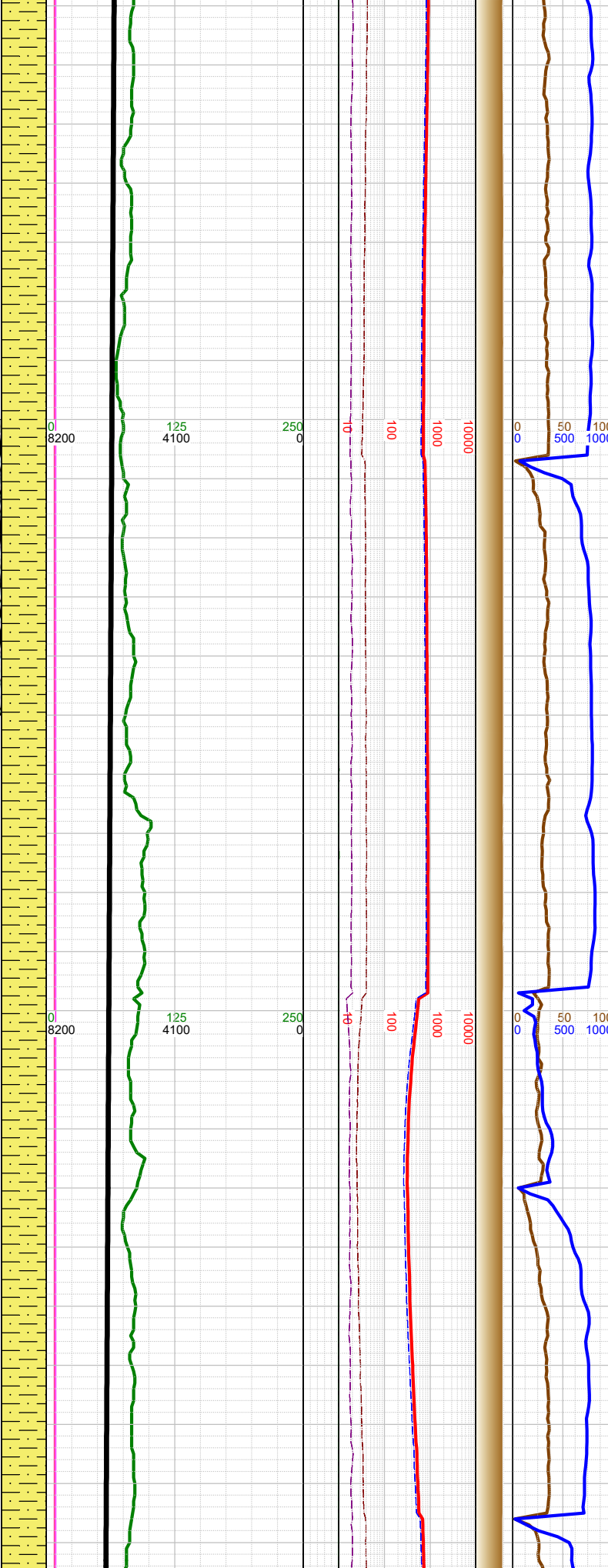
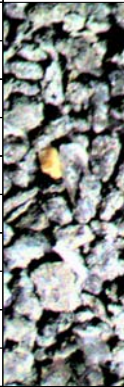
LEGEND



FORMATION \approx CONNECTION Δ MIDNIGHT NEW BIT GAS SHOW FAULT



-6130
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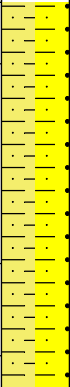


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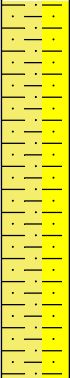
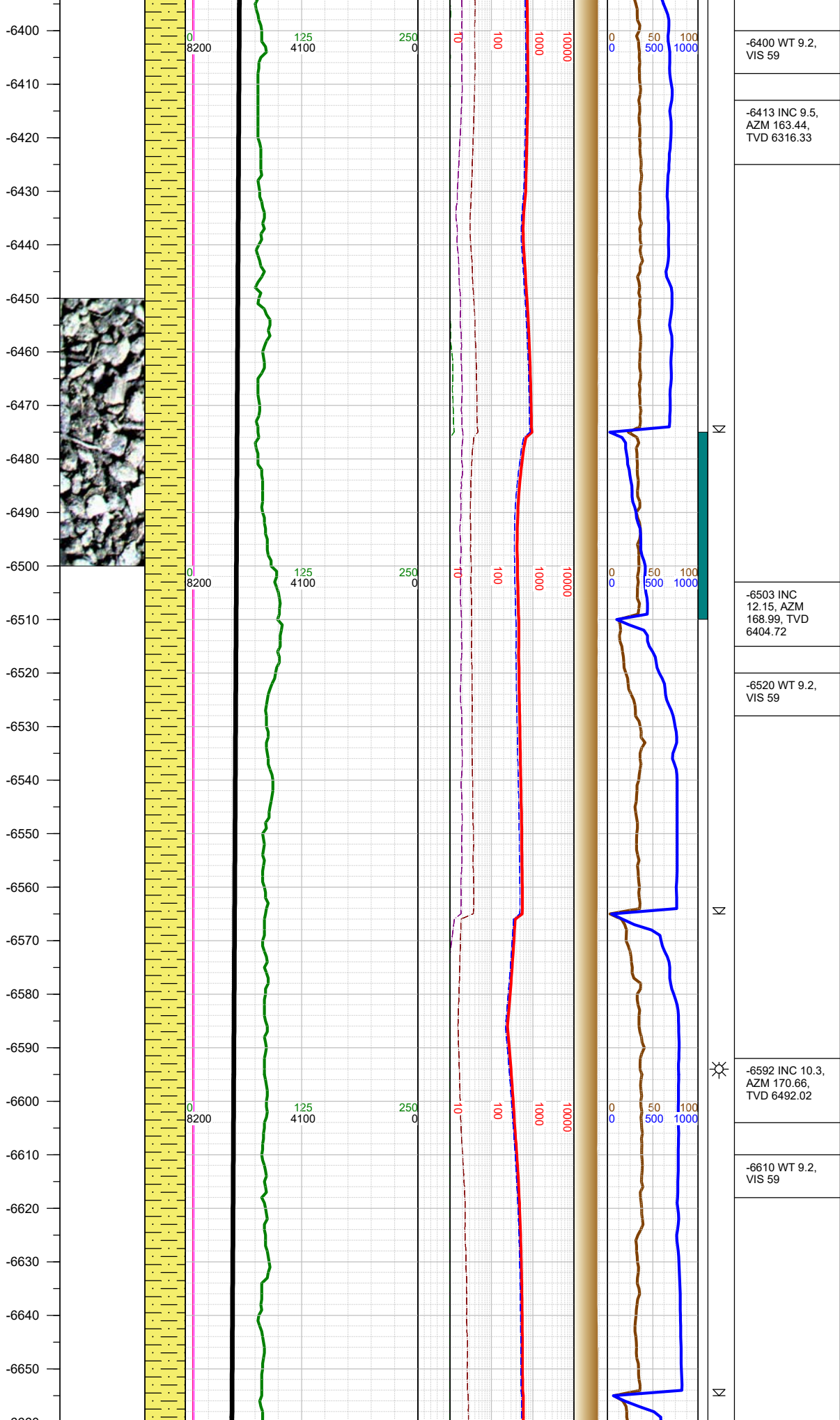
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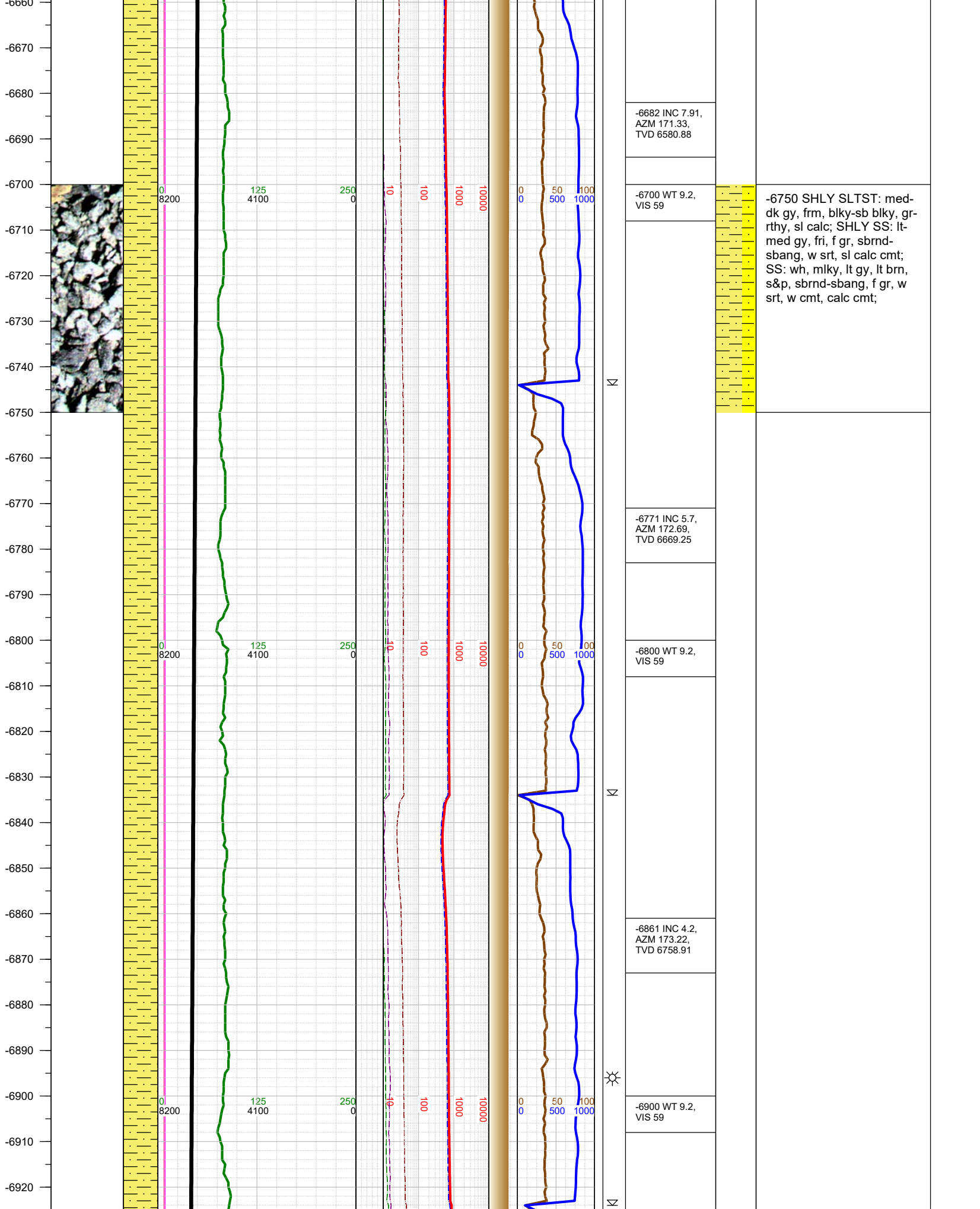
-6145 INC 11.49, AZM 171.06, TVD 6052.74	
-6200 WT 9.2, VIS 59	
-6234 INC 9.68, AZM 173, TVD 6140.23	
-6300 WT 9.2, VIS 59	
-6324 INC 11.05, AZM 164.45, TVD 6228.76	

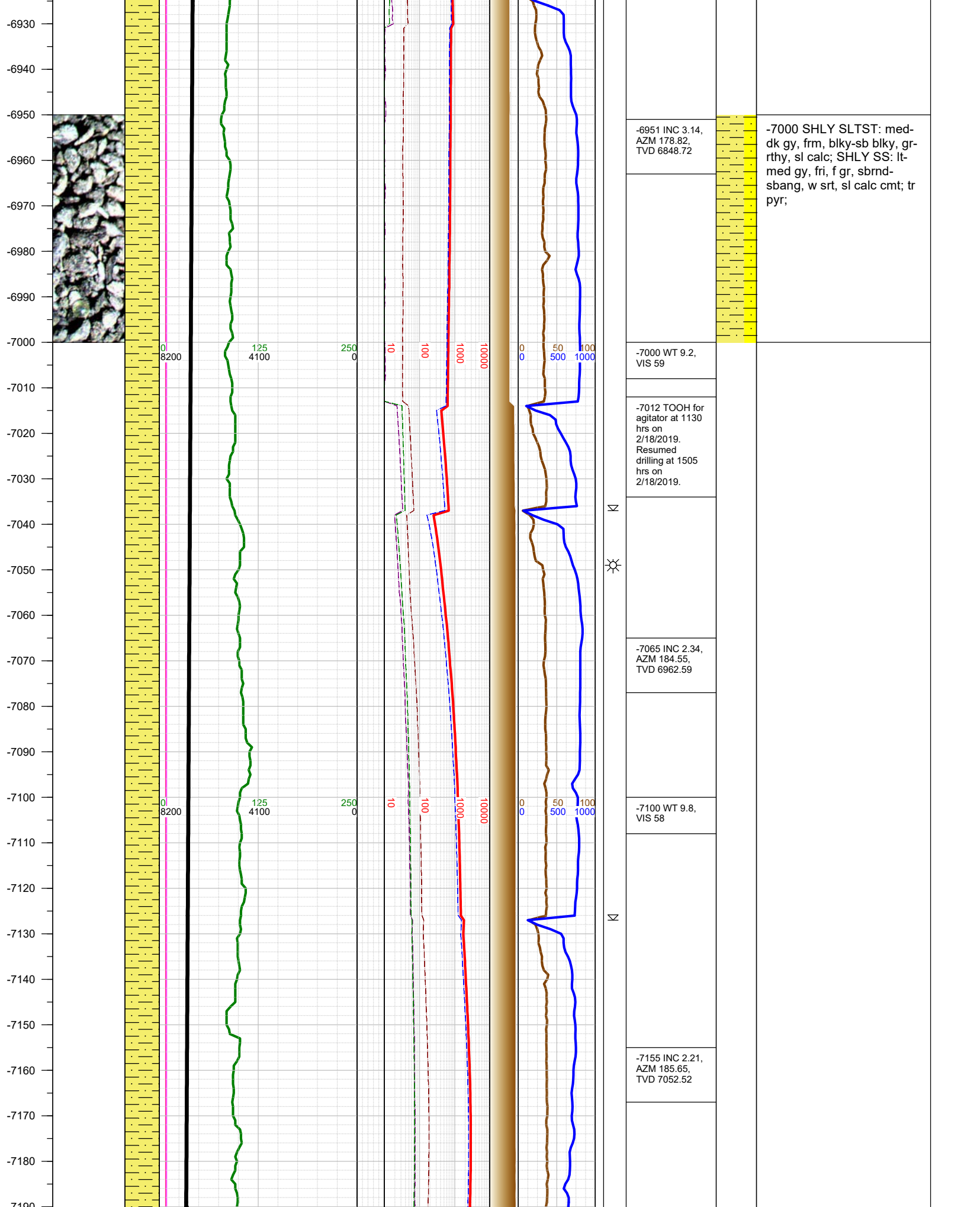


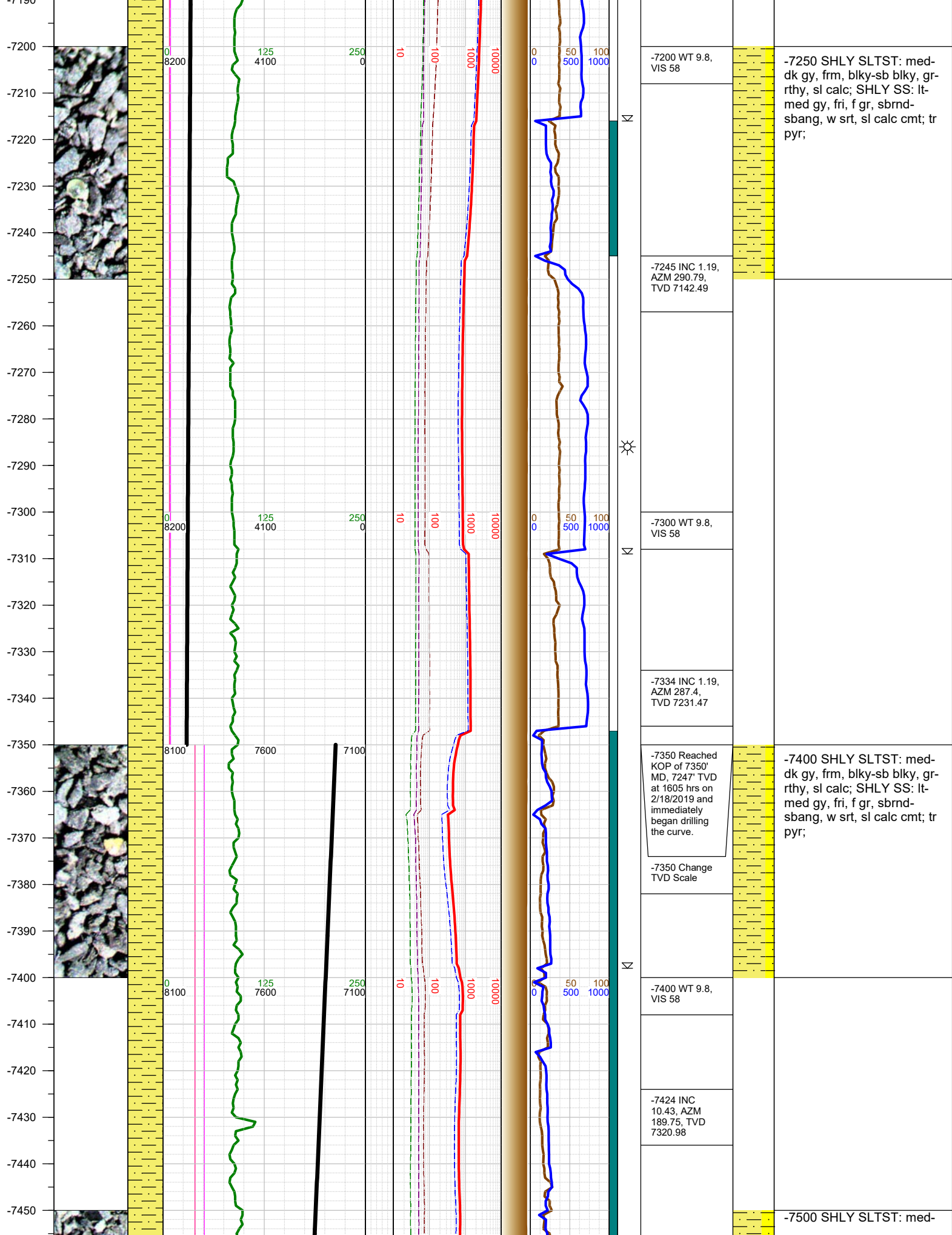
-6250 SHLY SLTST: med-
dk gy, frm, blkly-sb blkly, gr-
rthy, sl calc; SHLY SS: lt-
med gy, fri, f gr, sbrnd-
sbang, w srt, sl calc cmt;
SS: wh, mlky, lt gy, lt brn,
s&p, sbrnd-sbang, f gr, w
srt, w cmt, calc cmt;

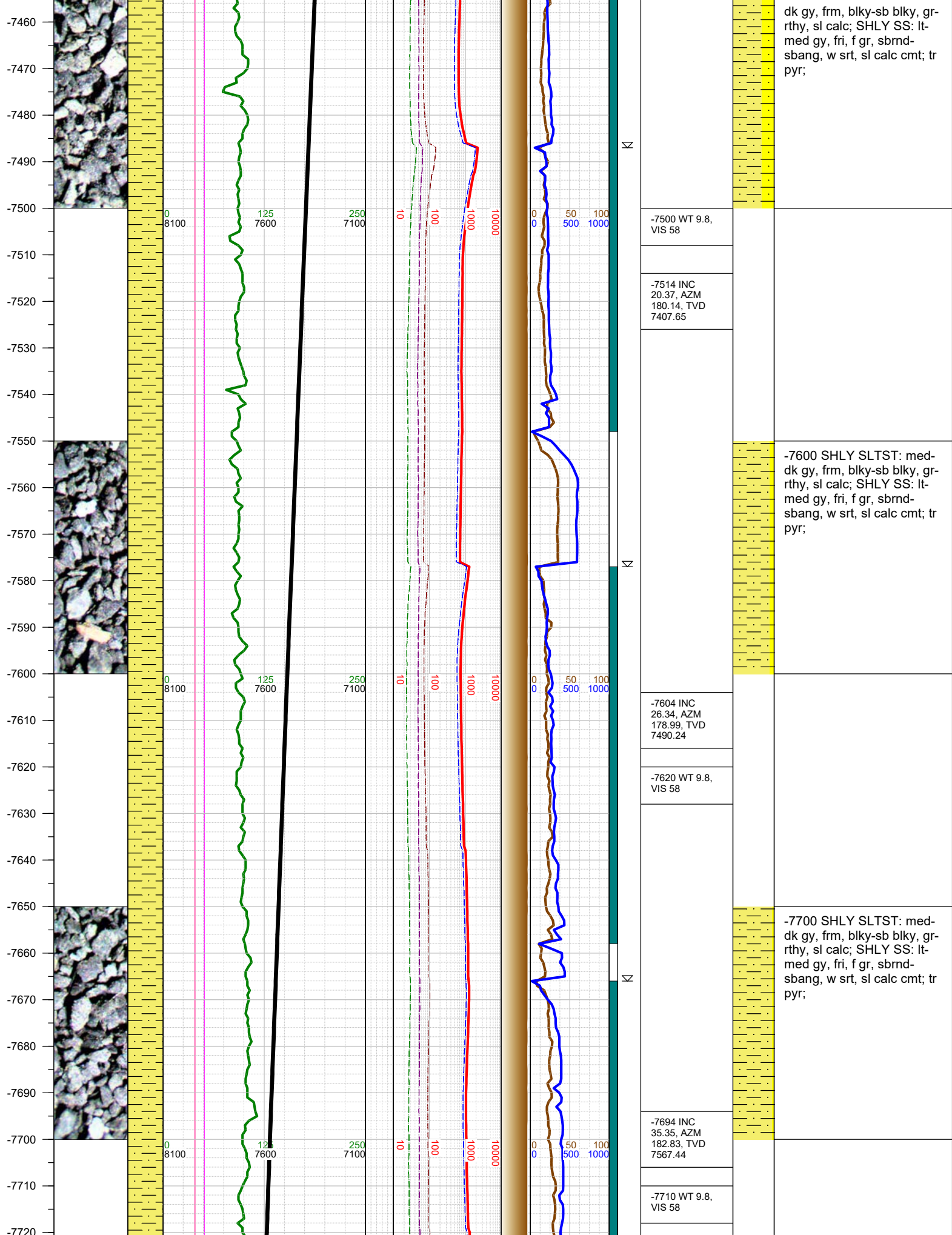


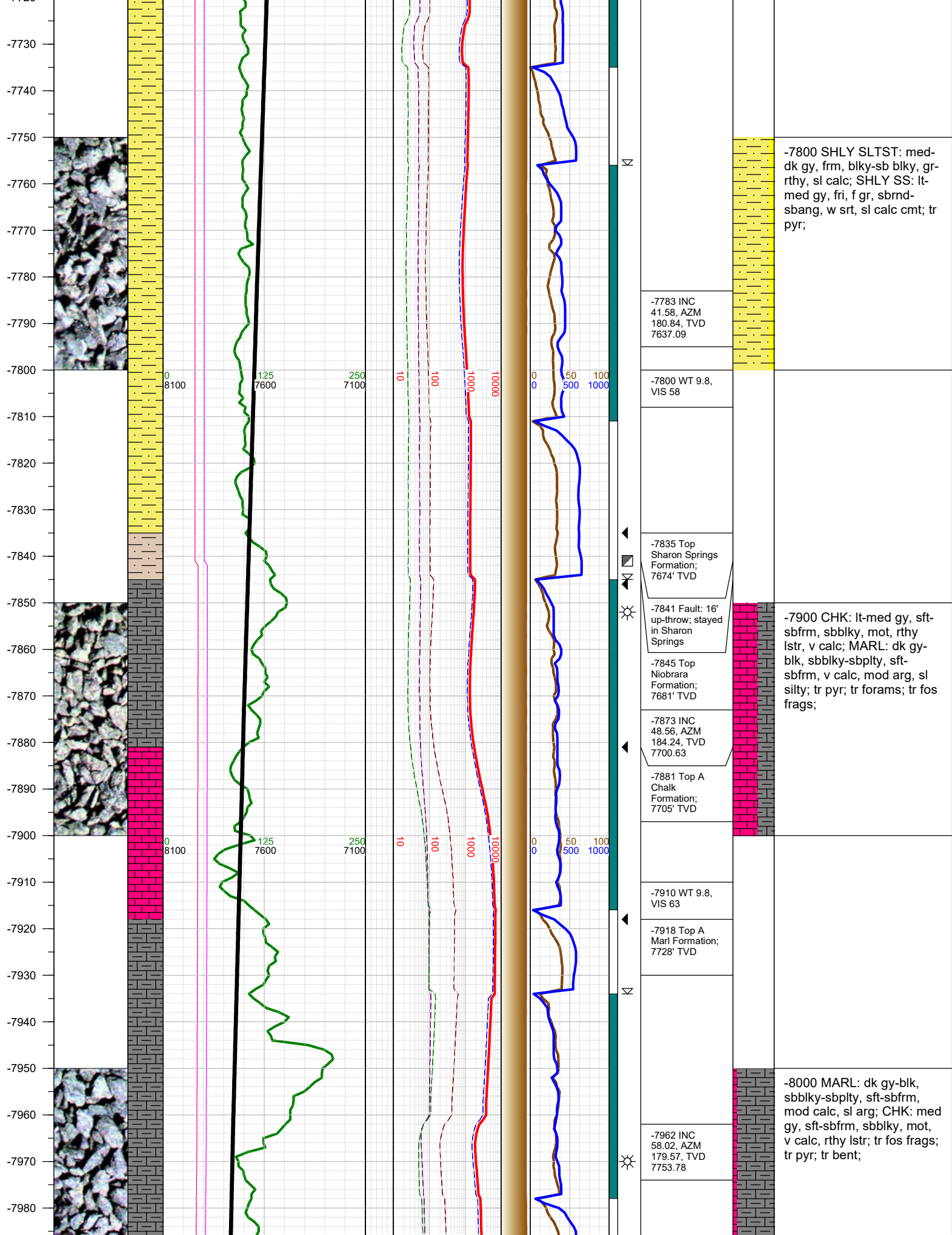
-6500 SHLY SLTST: med-dk gy, frm, blk-sb blk, gr-rthy, sl calc; SHLY SS: lt-med gy, fri, f gr, sbrnd-sbang, w srt, sl calc cmt; SS: wh, mlky, lt gy, lt brn, s&p, sbrnd-sbang, f gr, w srt, w cmt, calc cmt;

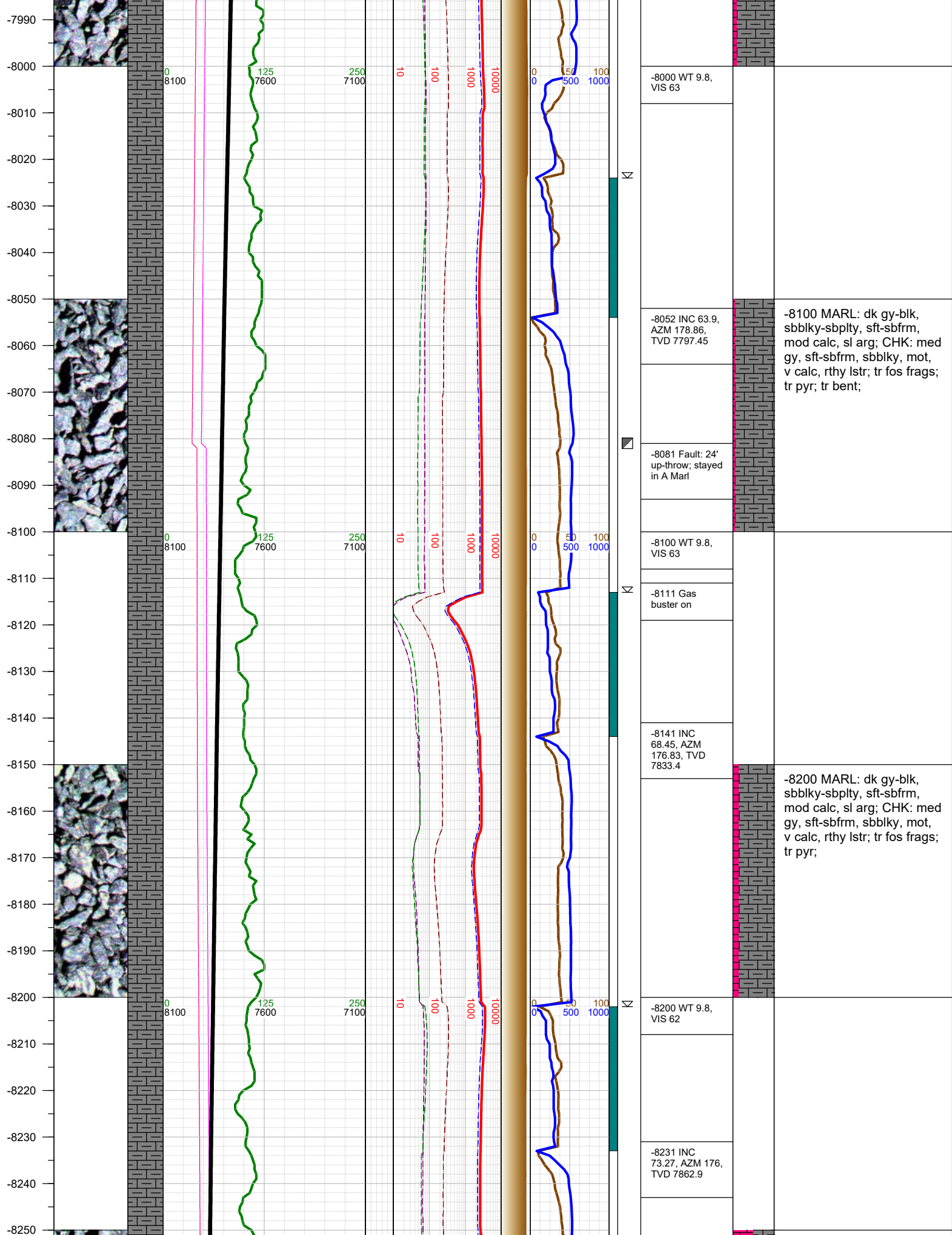


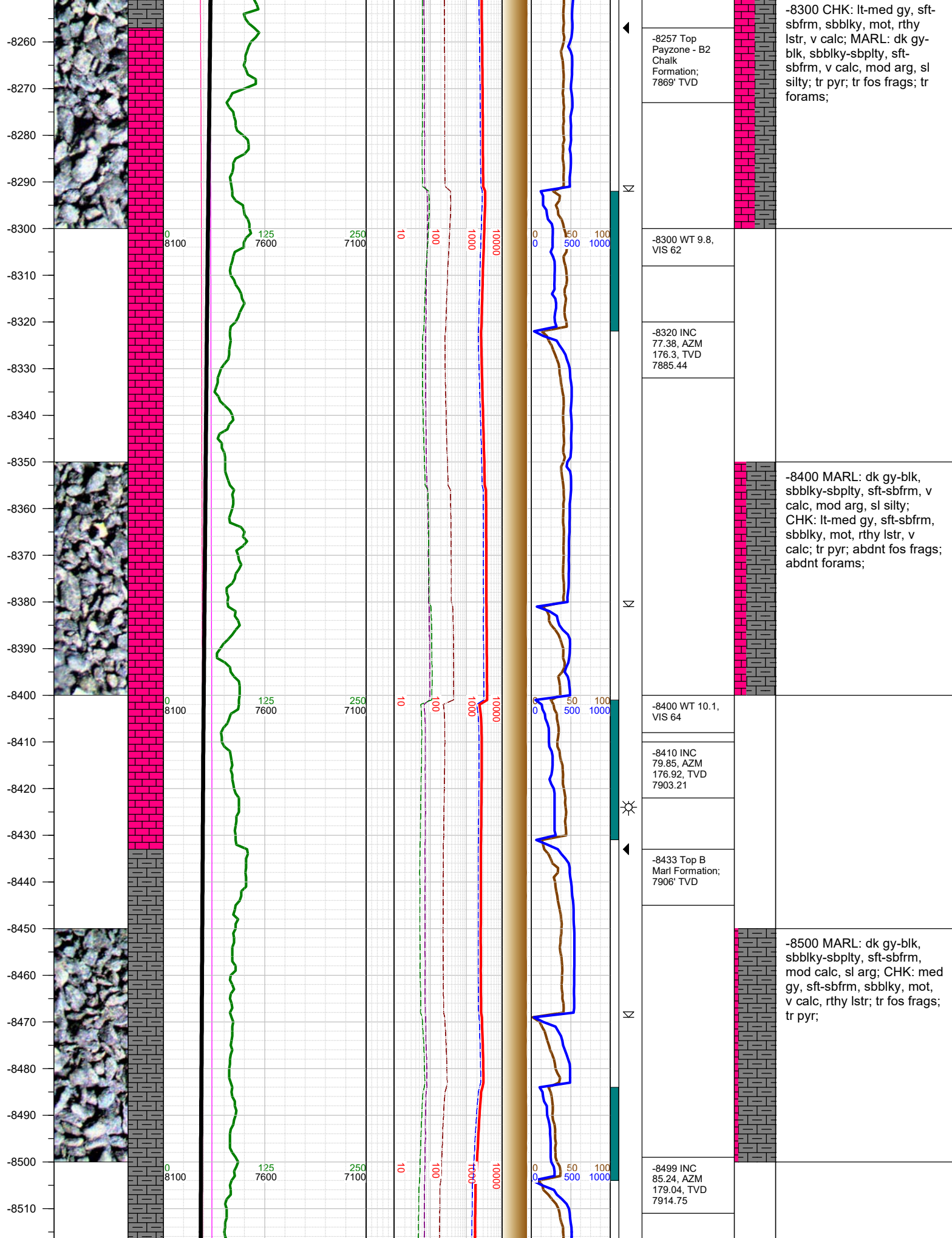


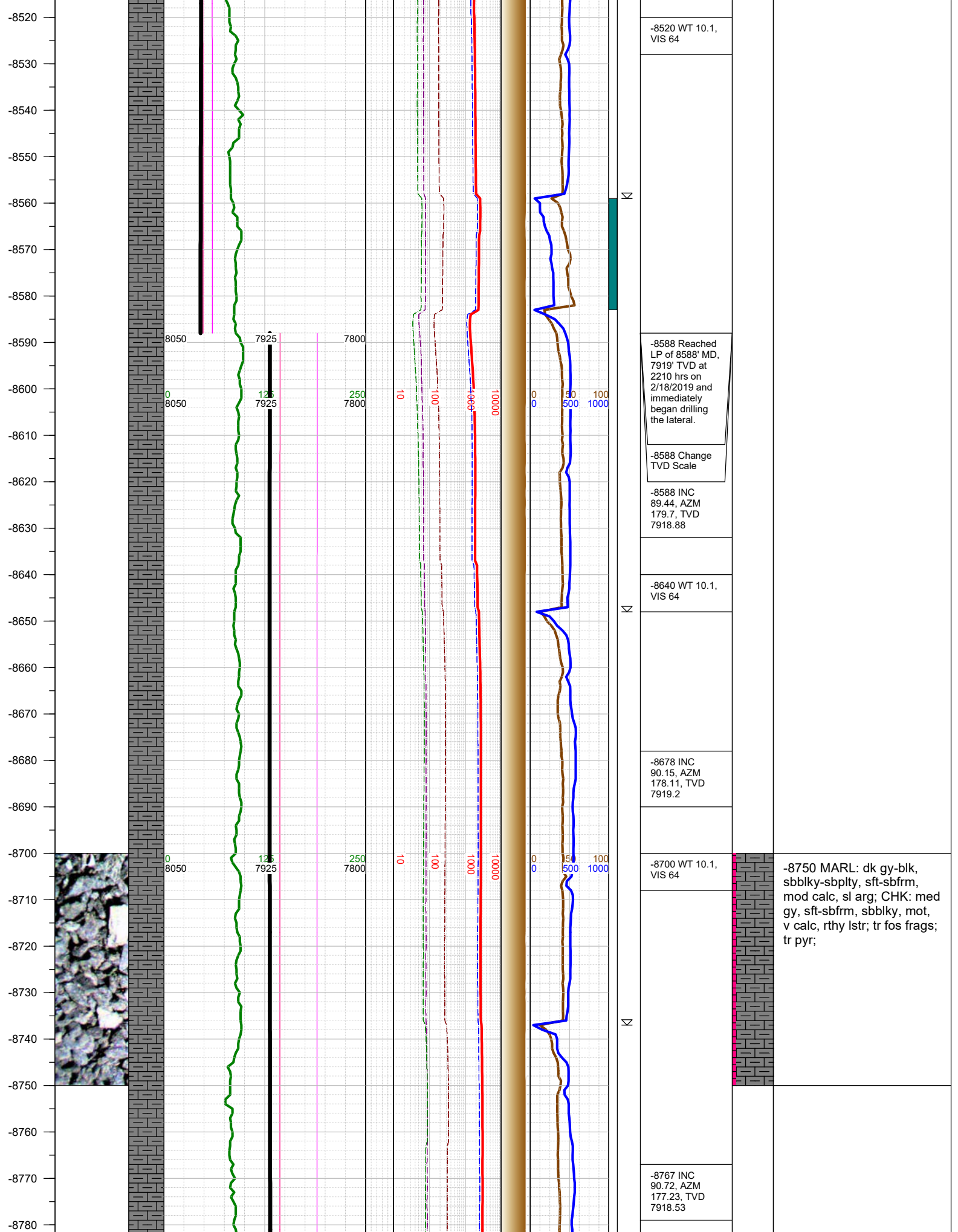


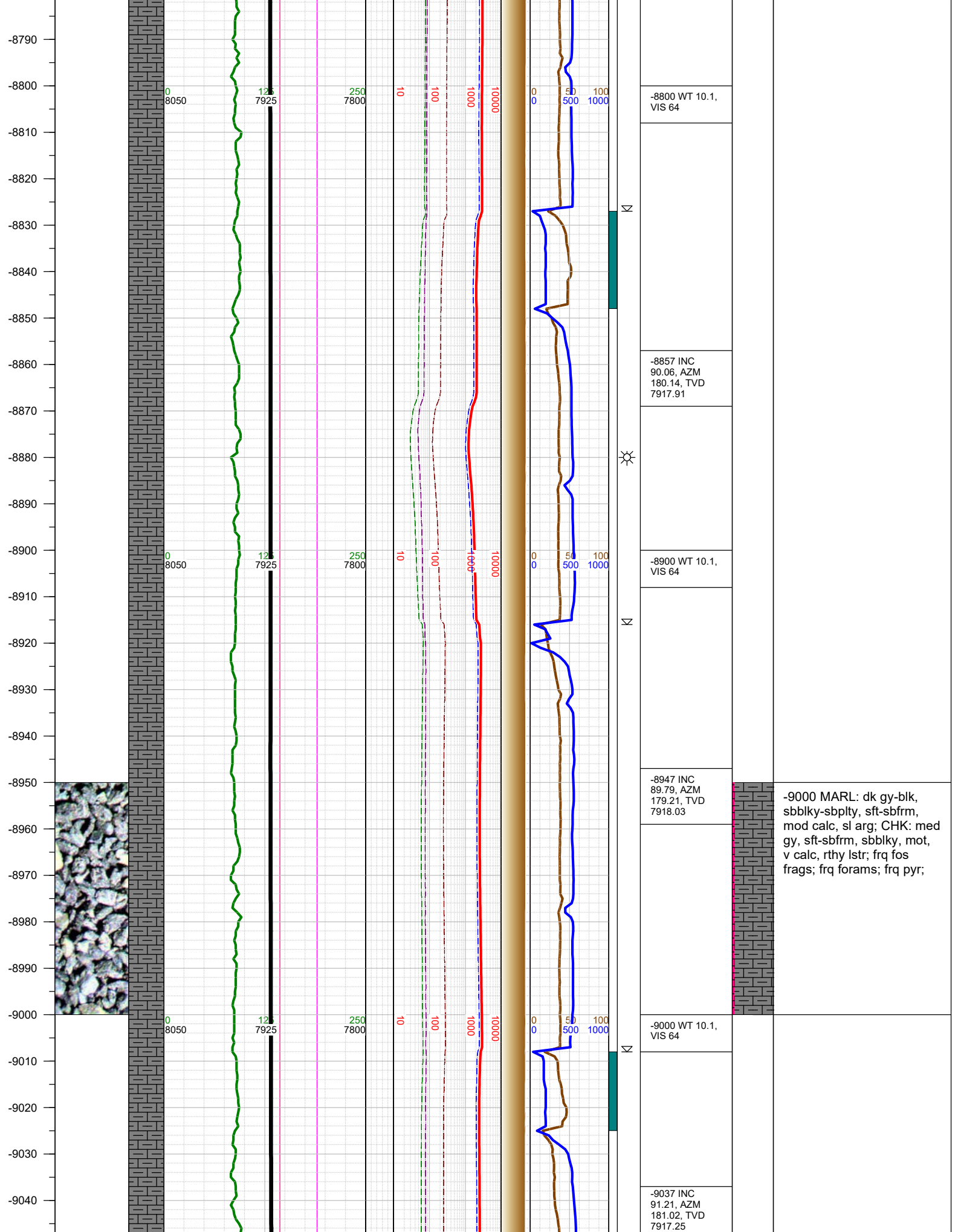


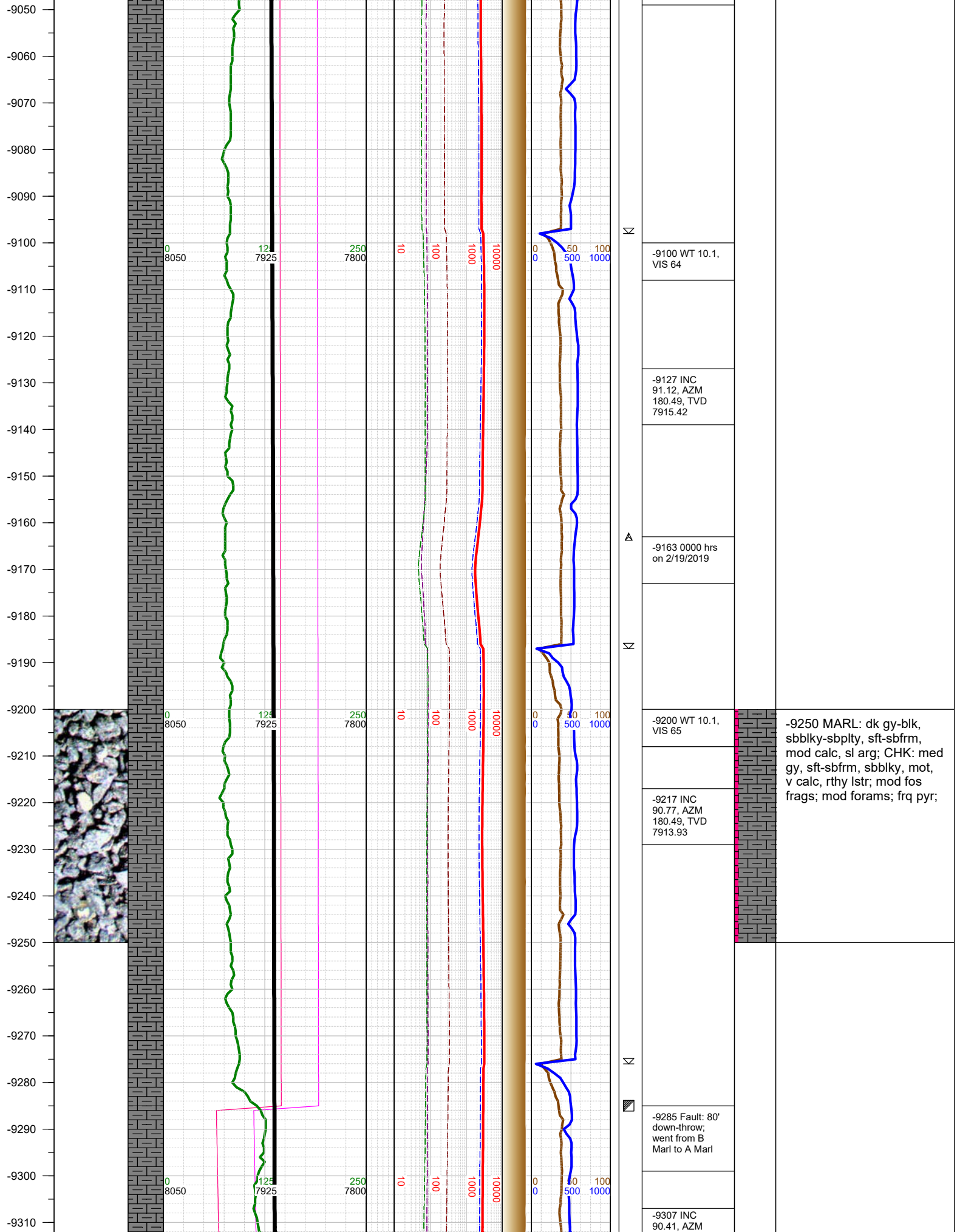


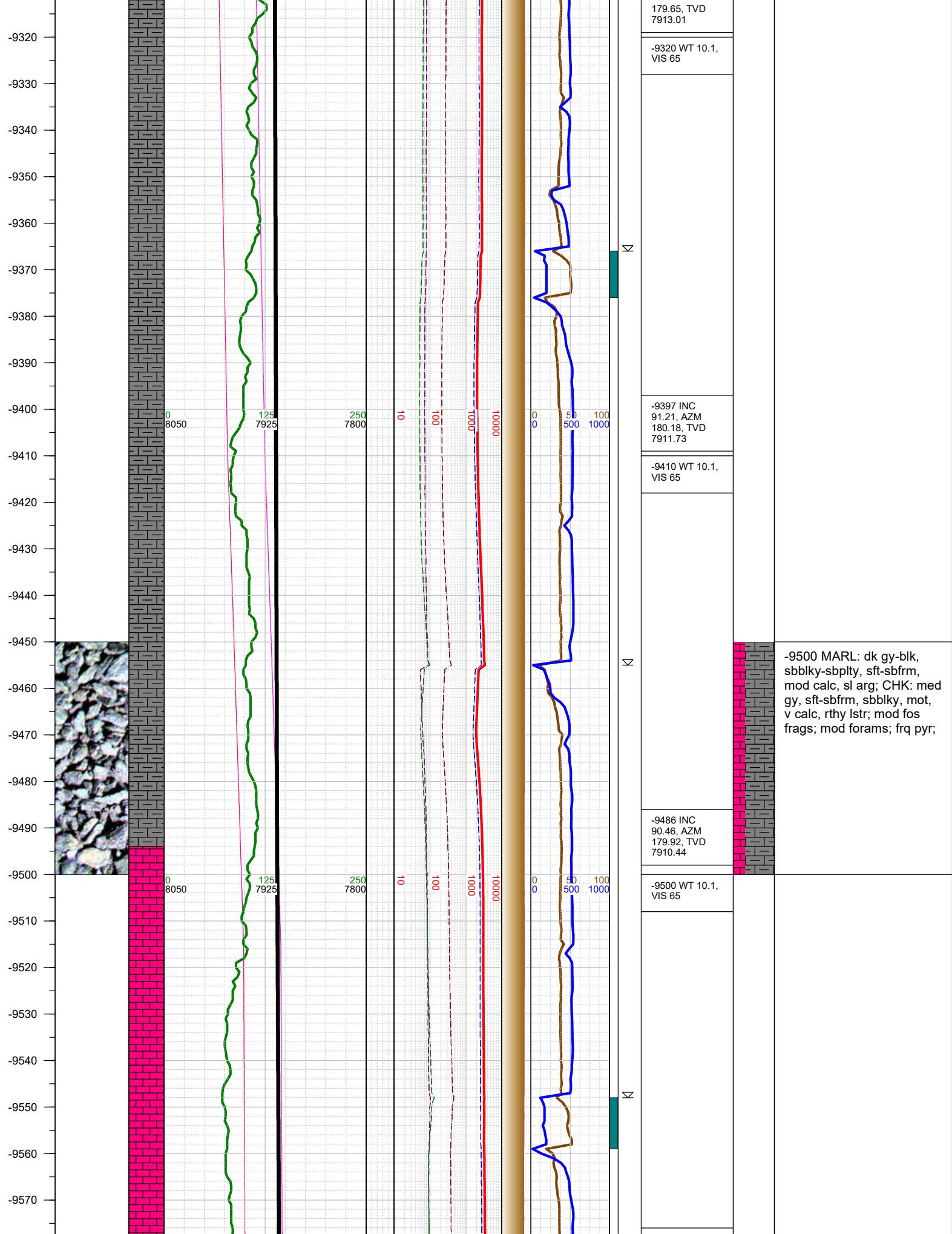


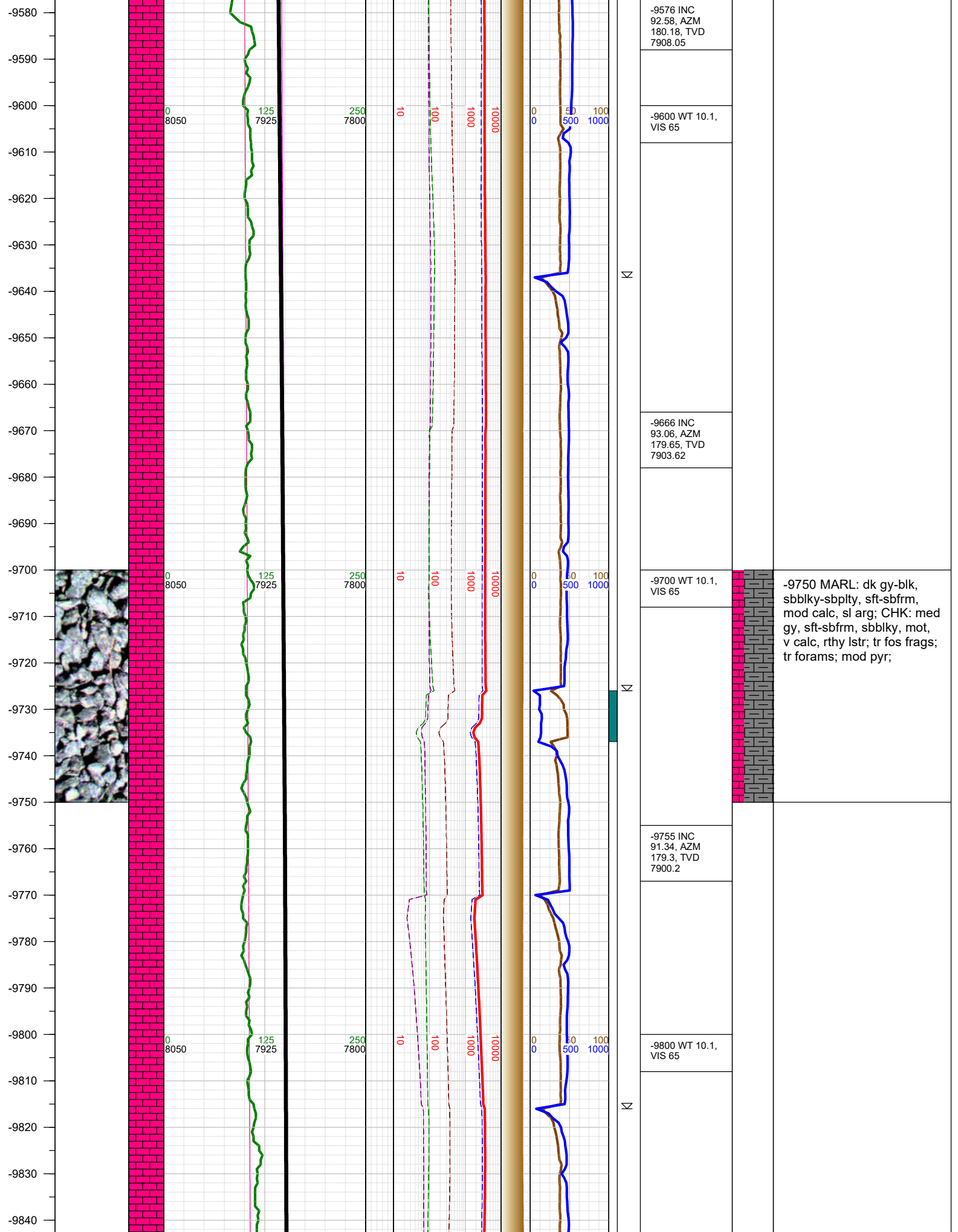


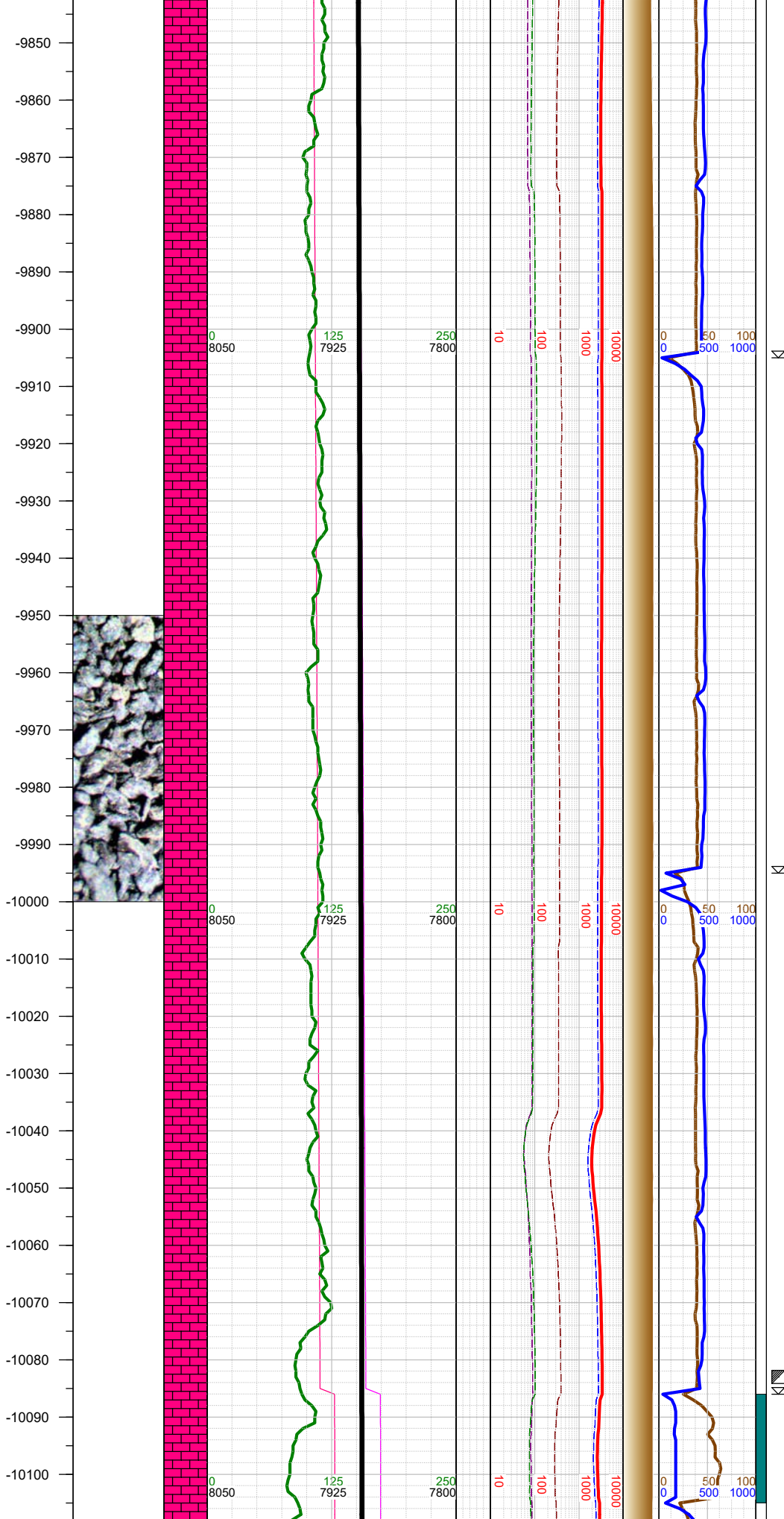




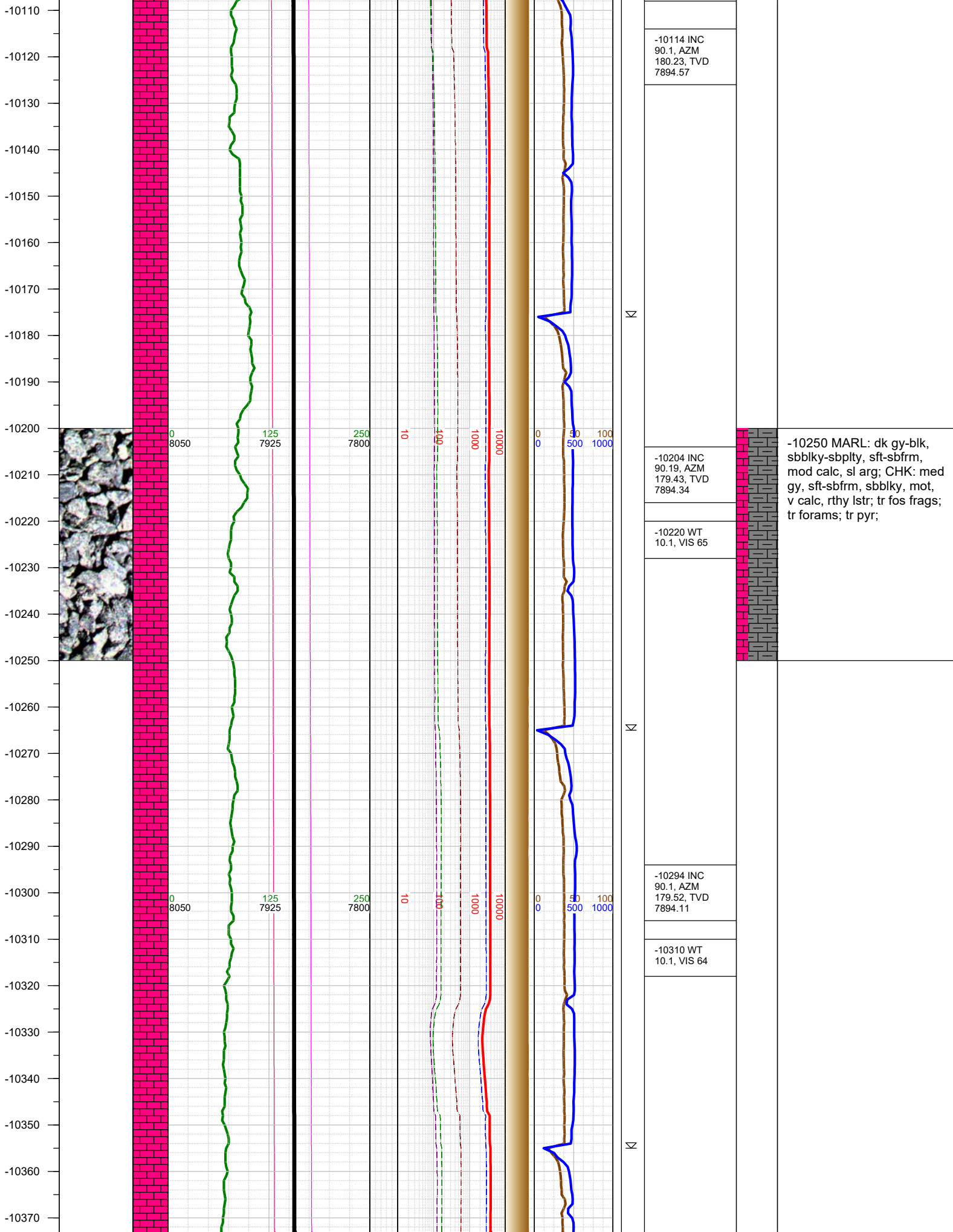




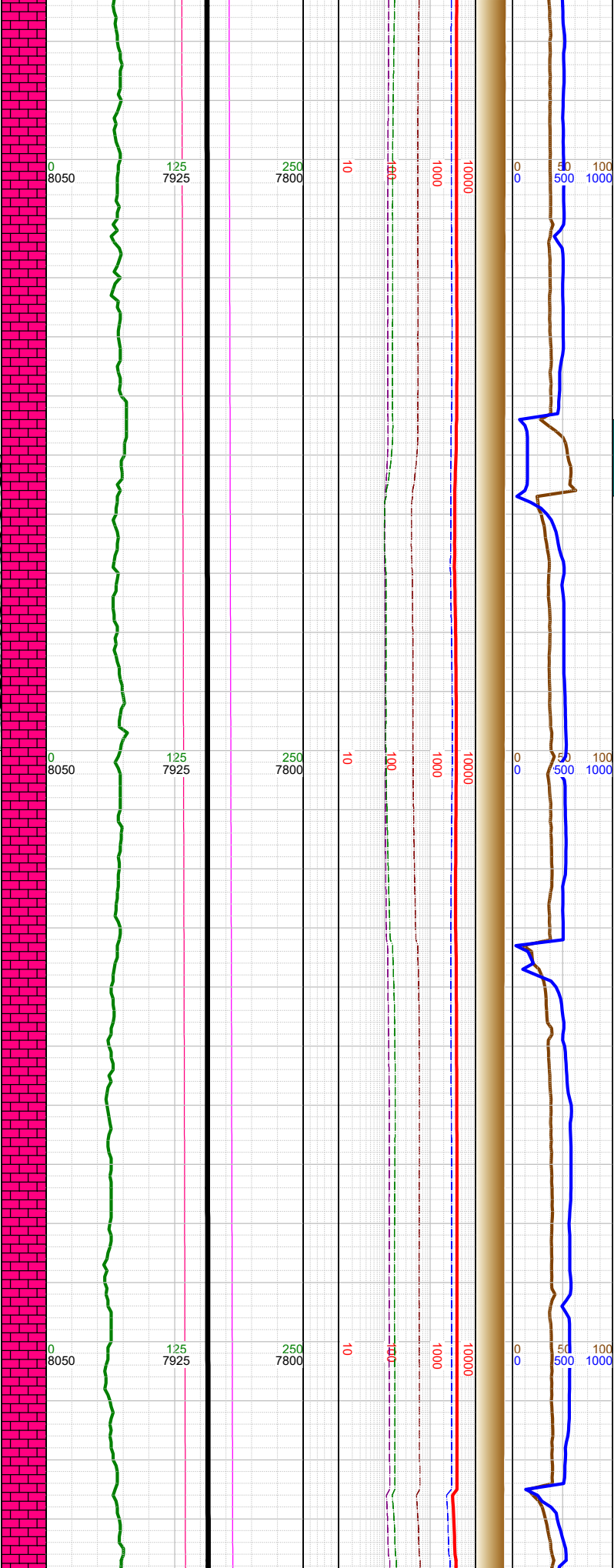




-9846 INC 91.16, AZM 178.86, TVD 7898.22	
-9900 WT 10.1, VIS 65	
-9935 INC 90.77, AZM 178.16, TVD 7896.72	
-10000 MARL: dk gy-blk, sbbly-sbplty, sft-sbfrm, mod calc, sl arg; CHK: med gy, sft-sbfrm, sbbly, mot, v calc, rthy lstr; tr fos frags; tr forams; mod pyr;	
-10000 WT 10.1, VIS 65	
-10025 INC 90.94, AZM 177.85, TVD 7895.38	
-10085 Fault: 15' up-throw; stayed in B2 Chalk	
-10100 WT 10.1, VIS 65	

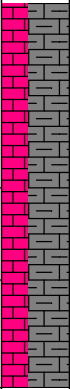


-10380
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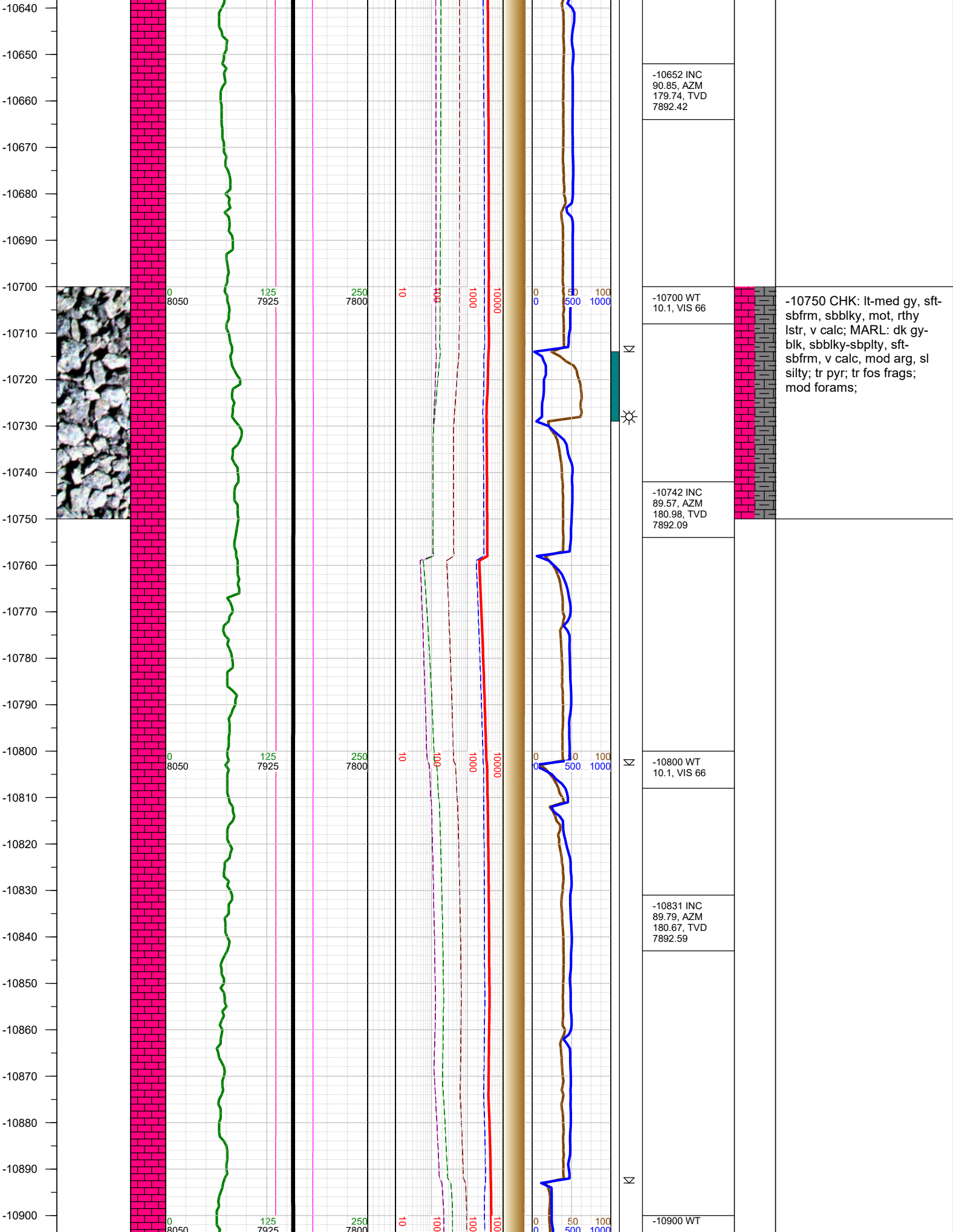


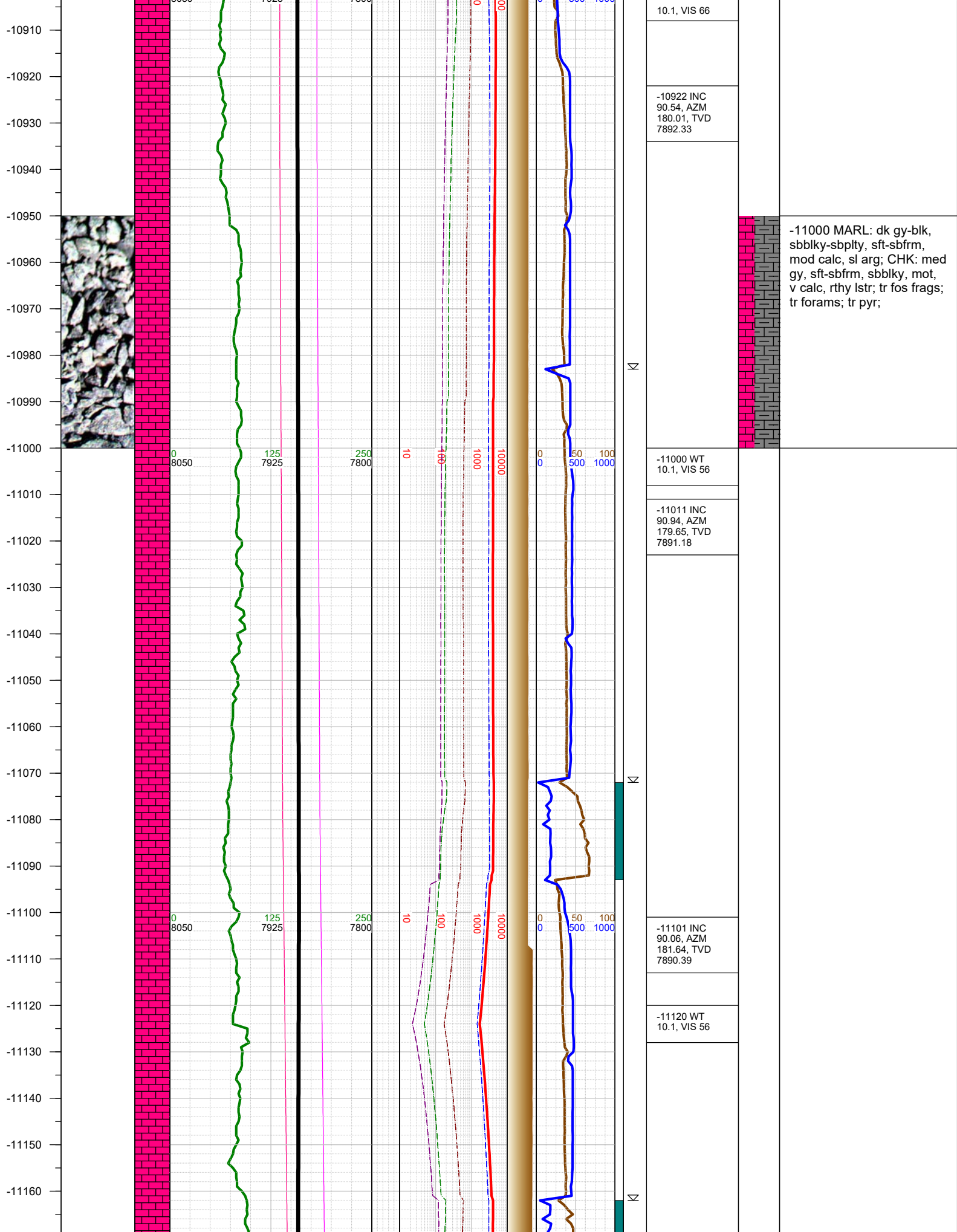
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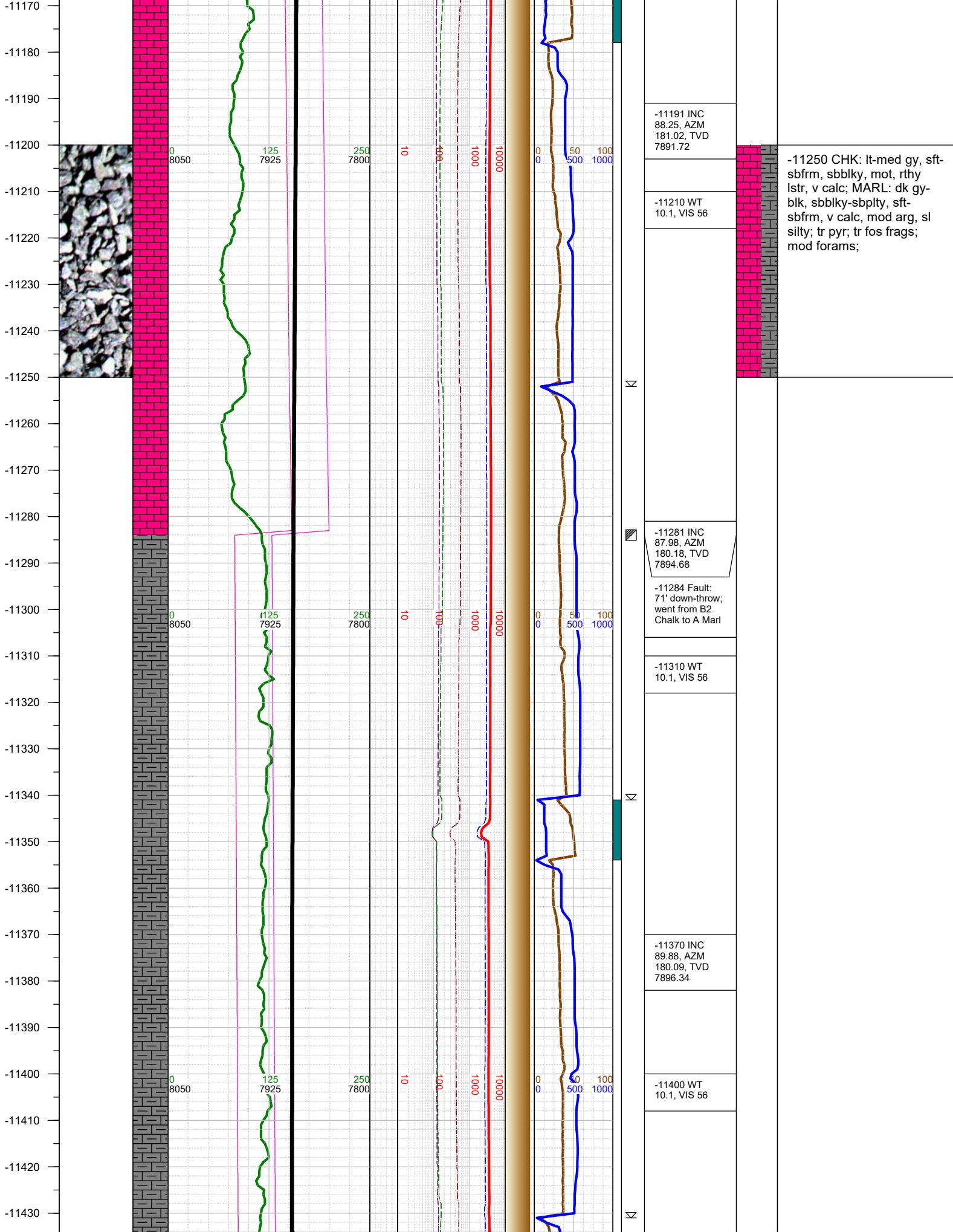
	-10384 INC 90.5, AZM 178.55, TVD 7893.64
	-10400 WT 10.1, VIS 64
	-10474 INC 89.88, AZM 179.87, TVD 7893.34
	-10500 WT 10.1, VIS 64
	-10563 INC 90.23, AZM 180.01, TVD 7893.26
	-10600 WT 10.1, VIS 64

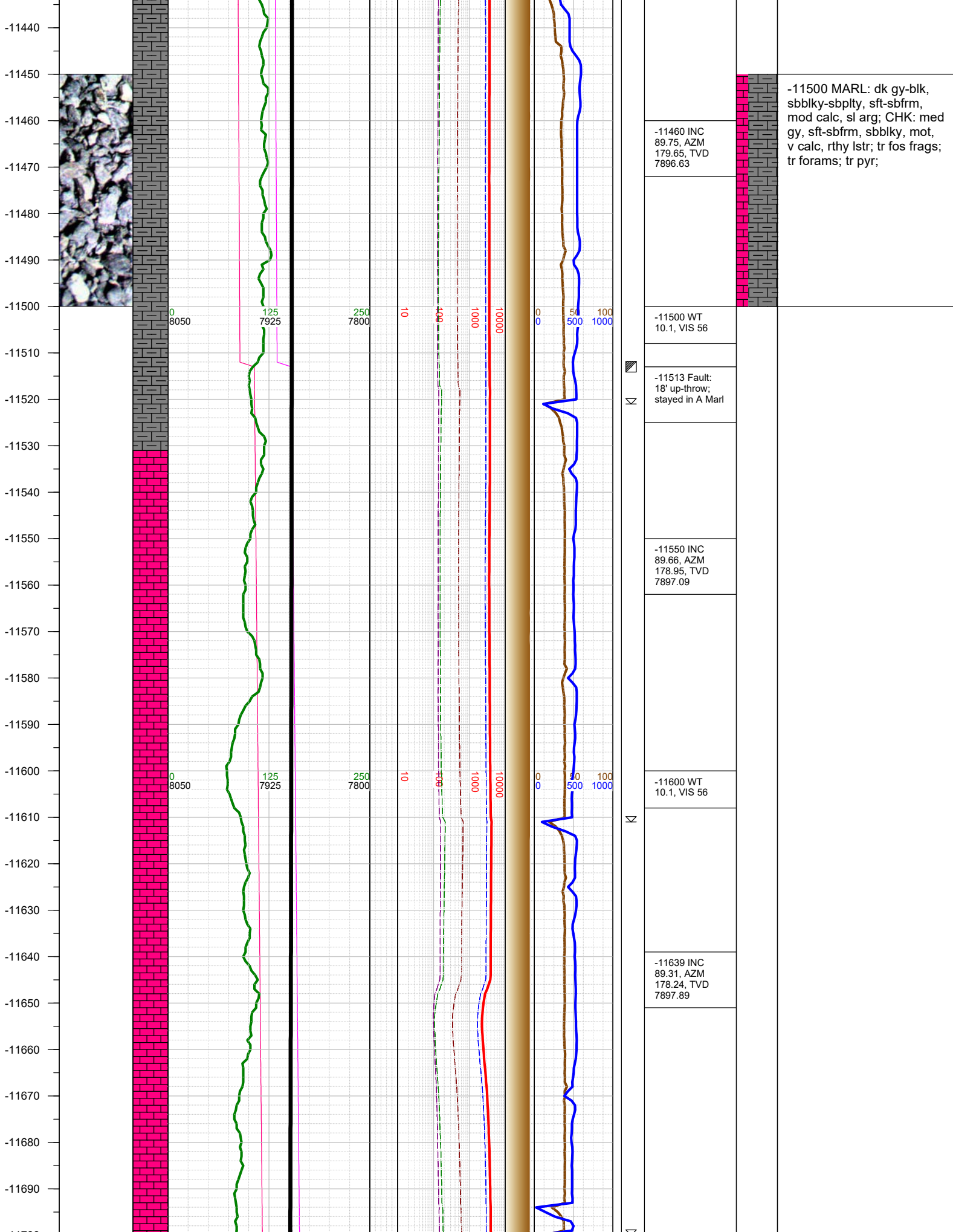


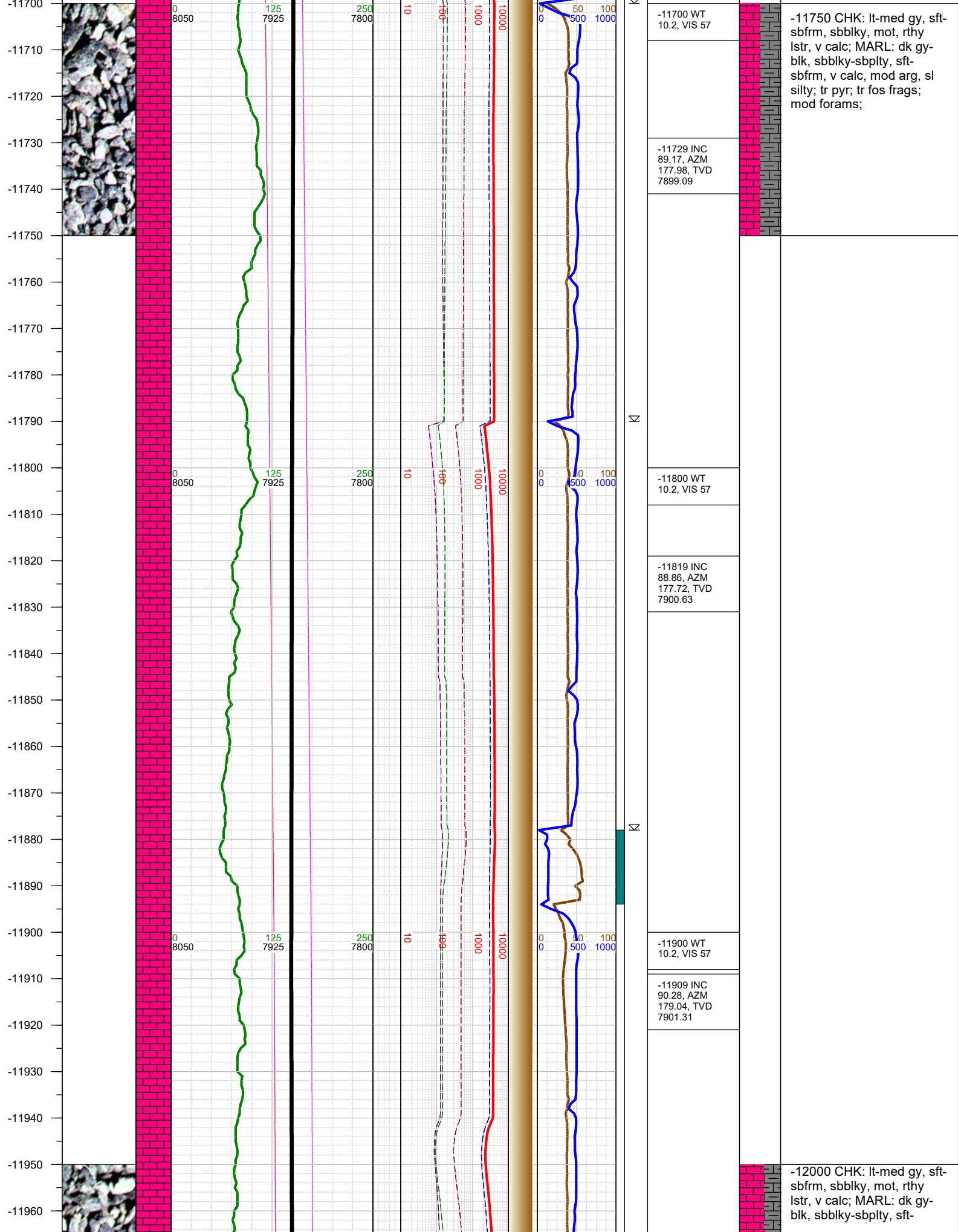
-10500 MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, mod calc, sl arg; CHK: med gy, sft-sbfrm, sbblky, mot, v calc, rthy lstr; tr fos frags; tr pyrs;

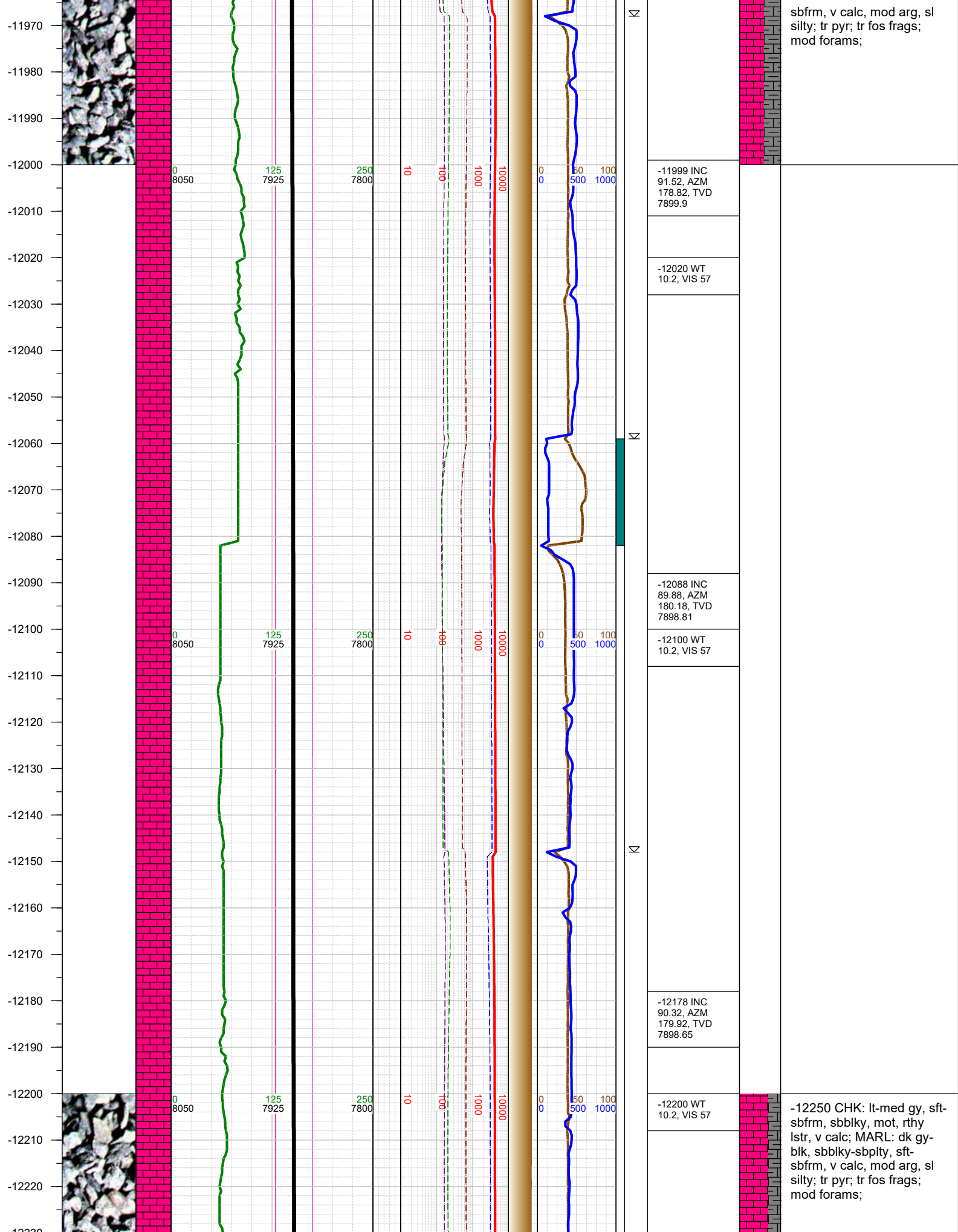


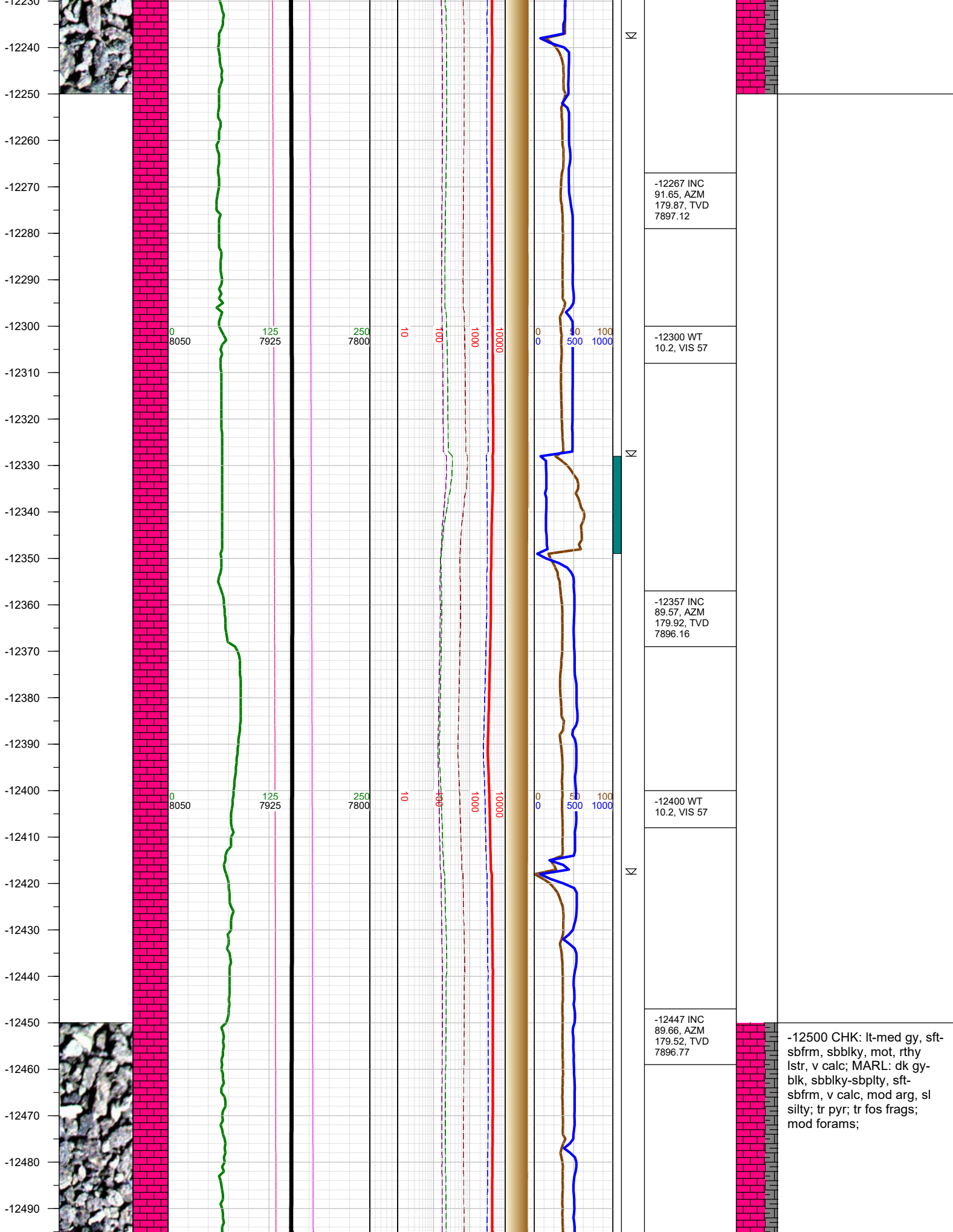




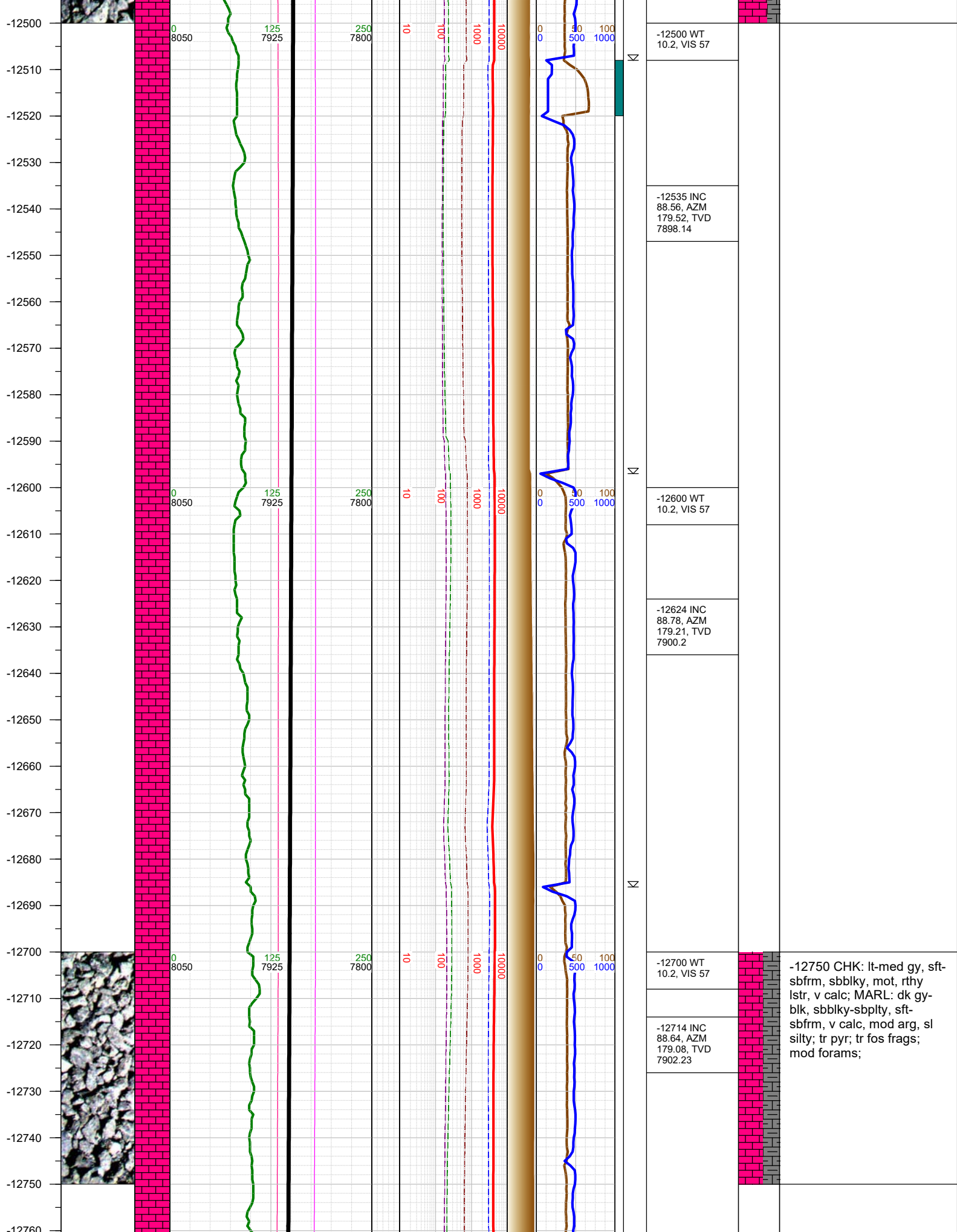


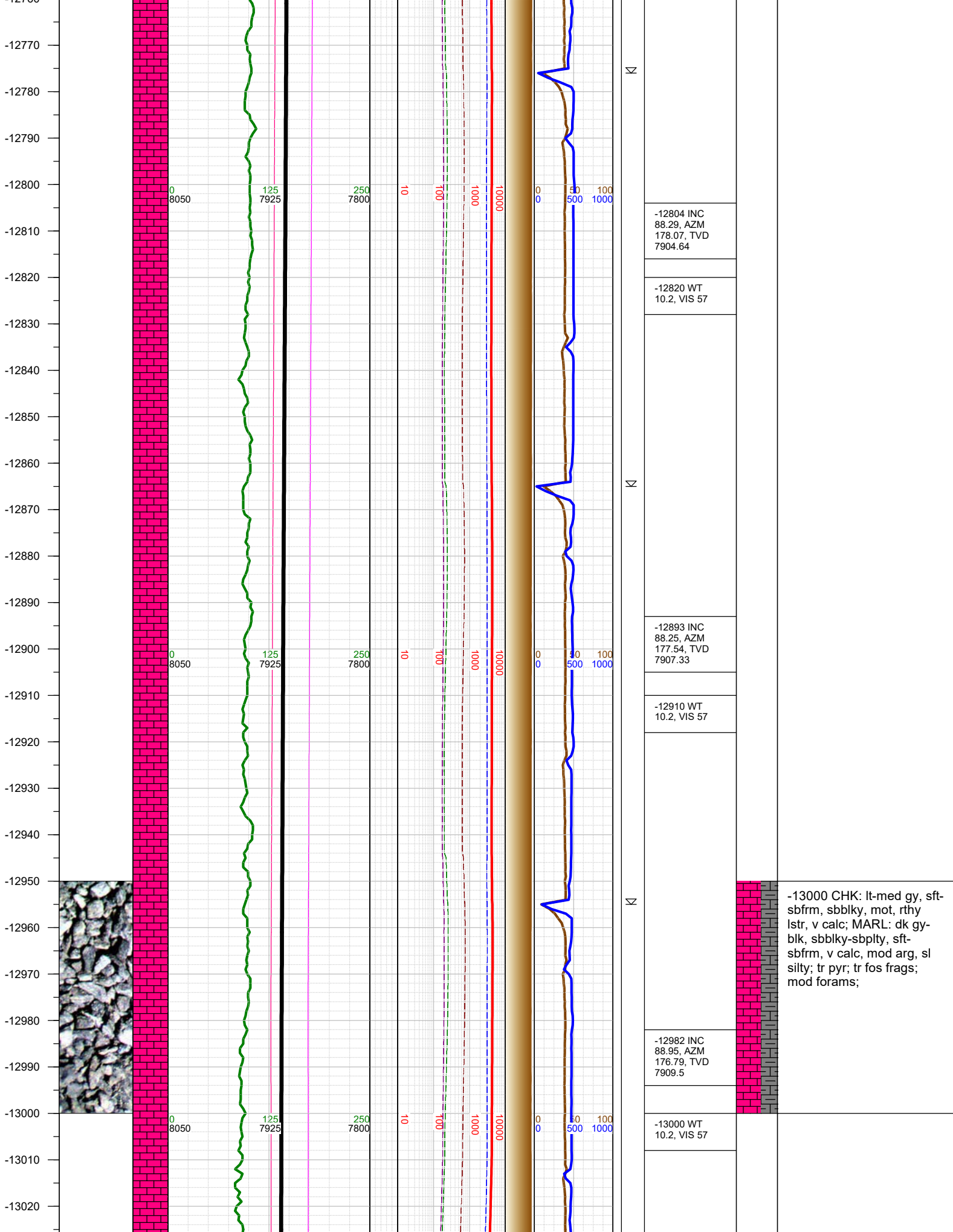


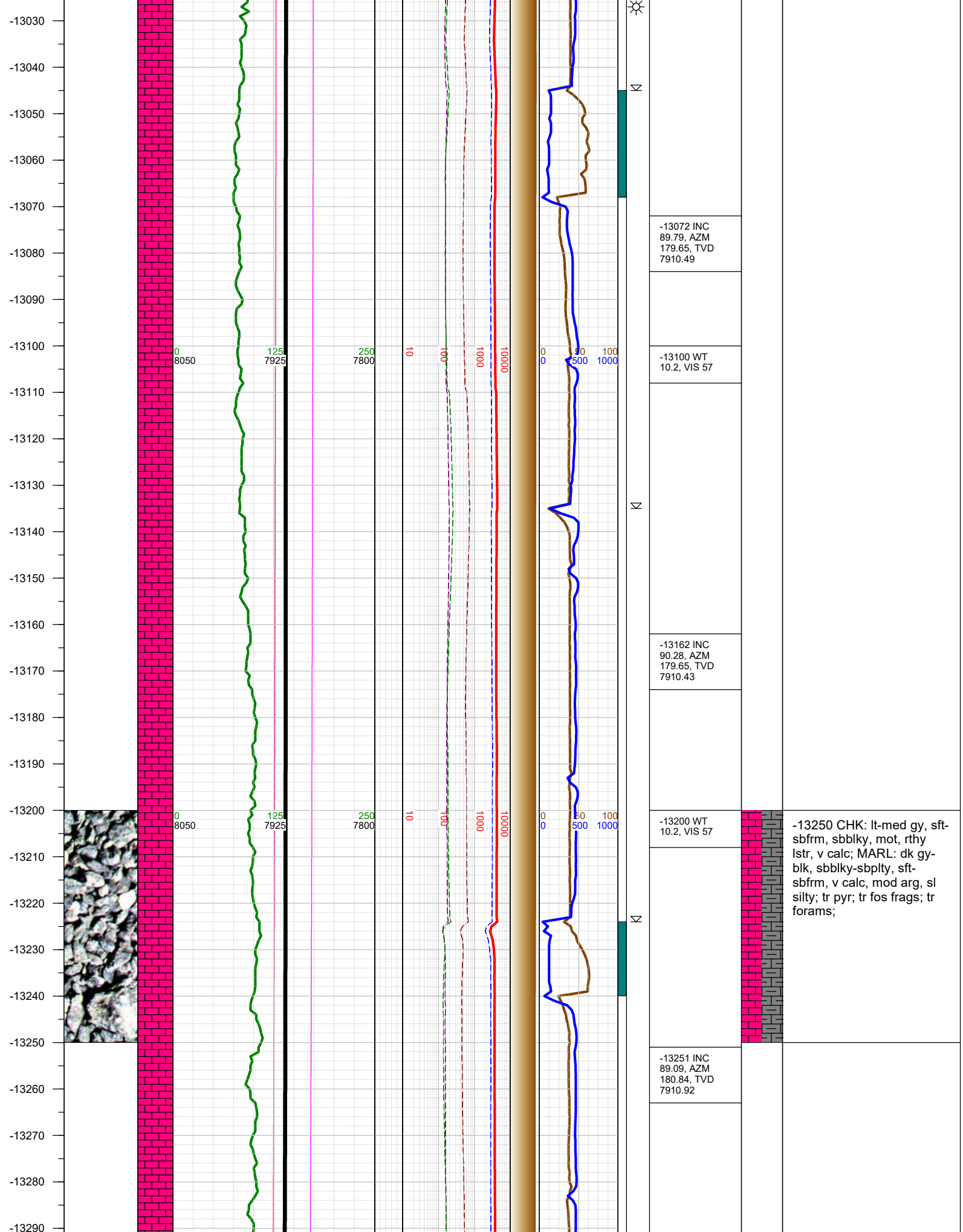




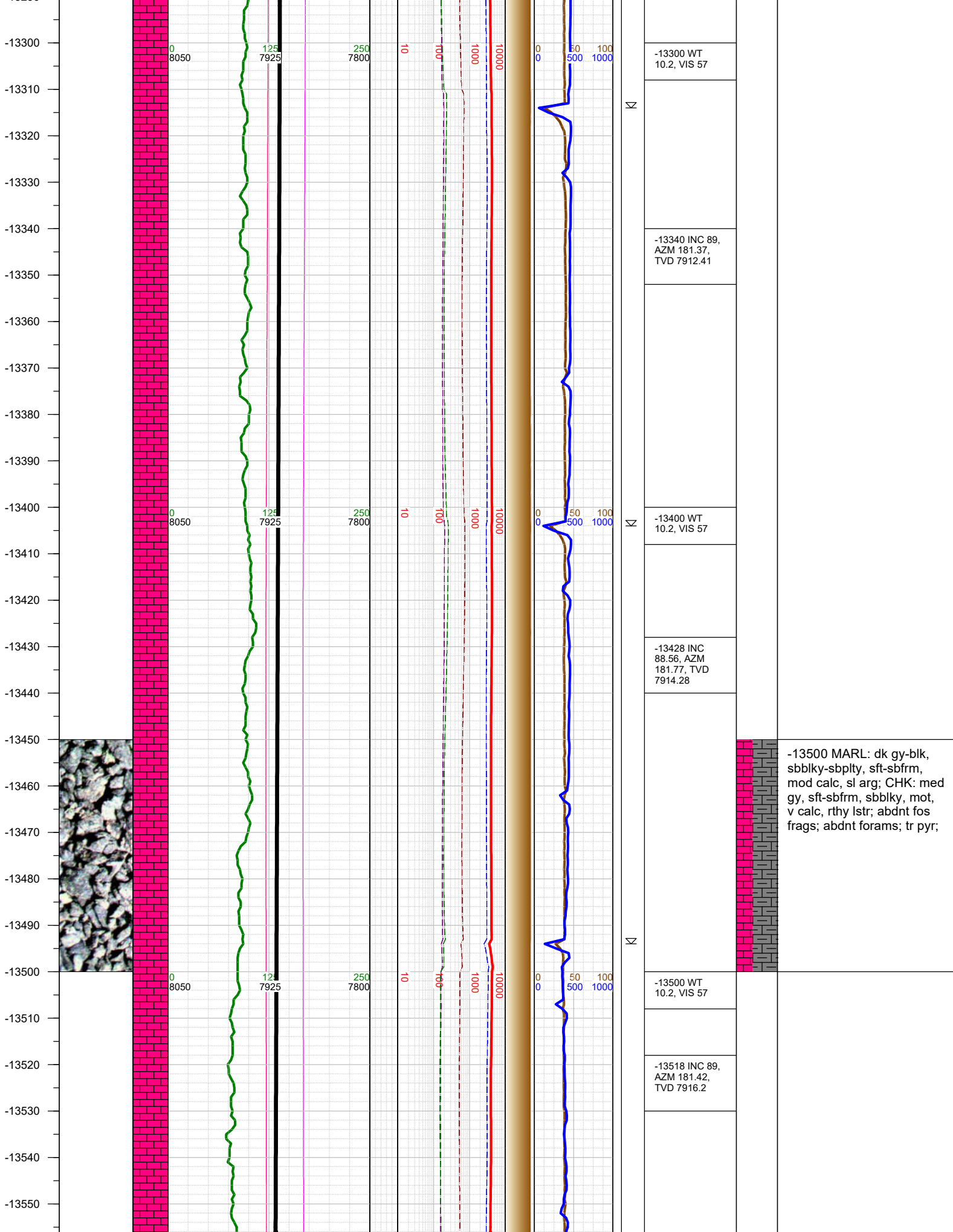
-12500 CHK: lt-med gy, sft-sbfrm, sbbiky, mot, rthy lstr, v calc; MARL: dk gy-blk, sbbiky-sbpity, sft-sbfrm, v calc, mod arg, sl silty; tr pyr; tr fos frags; mod forams;







-13250 CHK: lt-med gy, sft-sbfrm, sbblky, mot, rthy lstr, v calc; MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, v calc, mod arg, sl silty; tr pyr; tr fos frags; tr forams;



-13300 WT
10.2, VIS 57

-13340 INC 89,
AZM 181.37,
TVD 7912.41

-13400 WT
10.2, VIS 57

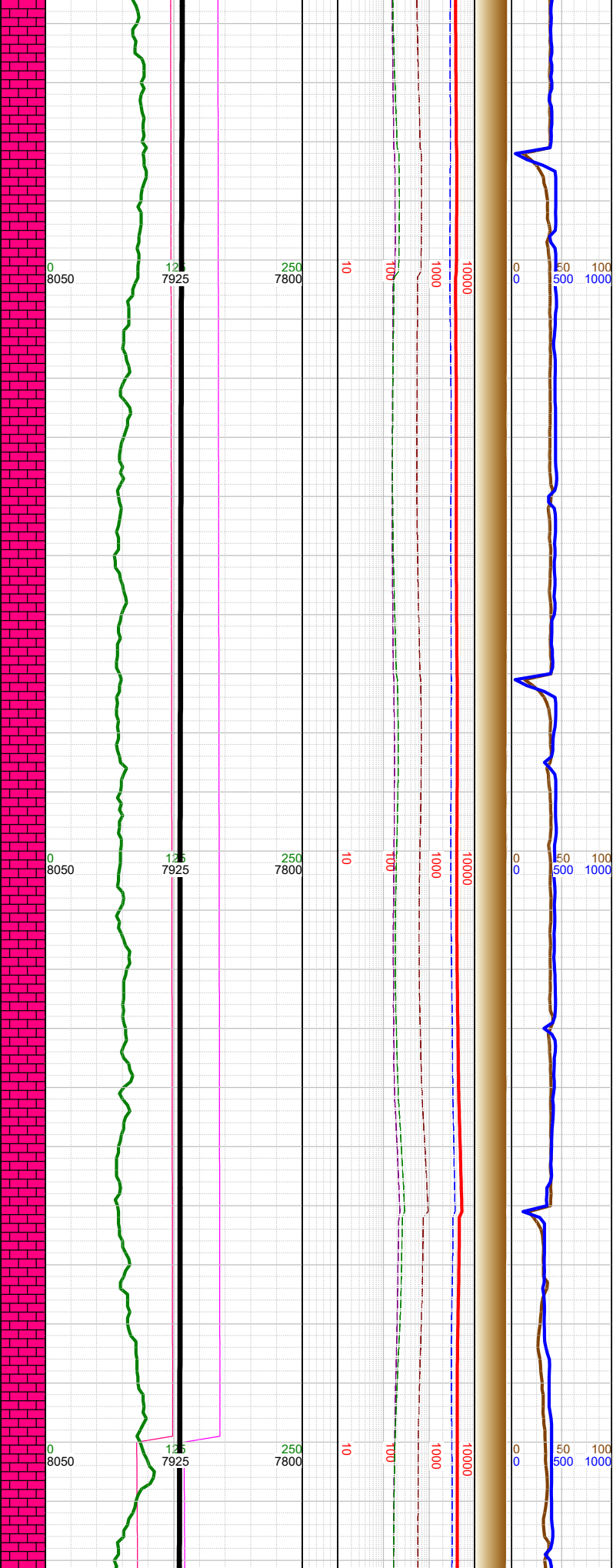
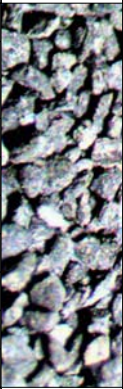
-13428 INC
88.56, AZM
181.77, TVD
7914.28

-13500 MARL: dk gy-blk,
sbbly-sbply, sft-sbfrm,
mod calc, sl arg; CHK: med
gy, sft-sbfrm, sbbly, mot,
v calc, rthy lstr; abdnt fos
frags; abdnt forams; tr pyr;

-13500 WT
10.2, VIS 57

-13518 INC 89,
AZM 181.42,
TVD 7916.2

-13560
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-13800
-13810
-13820



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-13607 INC
88.95, AZM
181.37, TVD
7917.79

-13620 WT
10.2, VIS 57

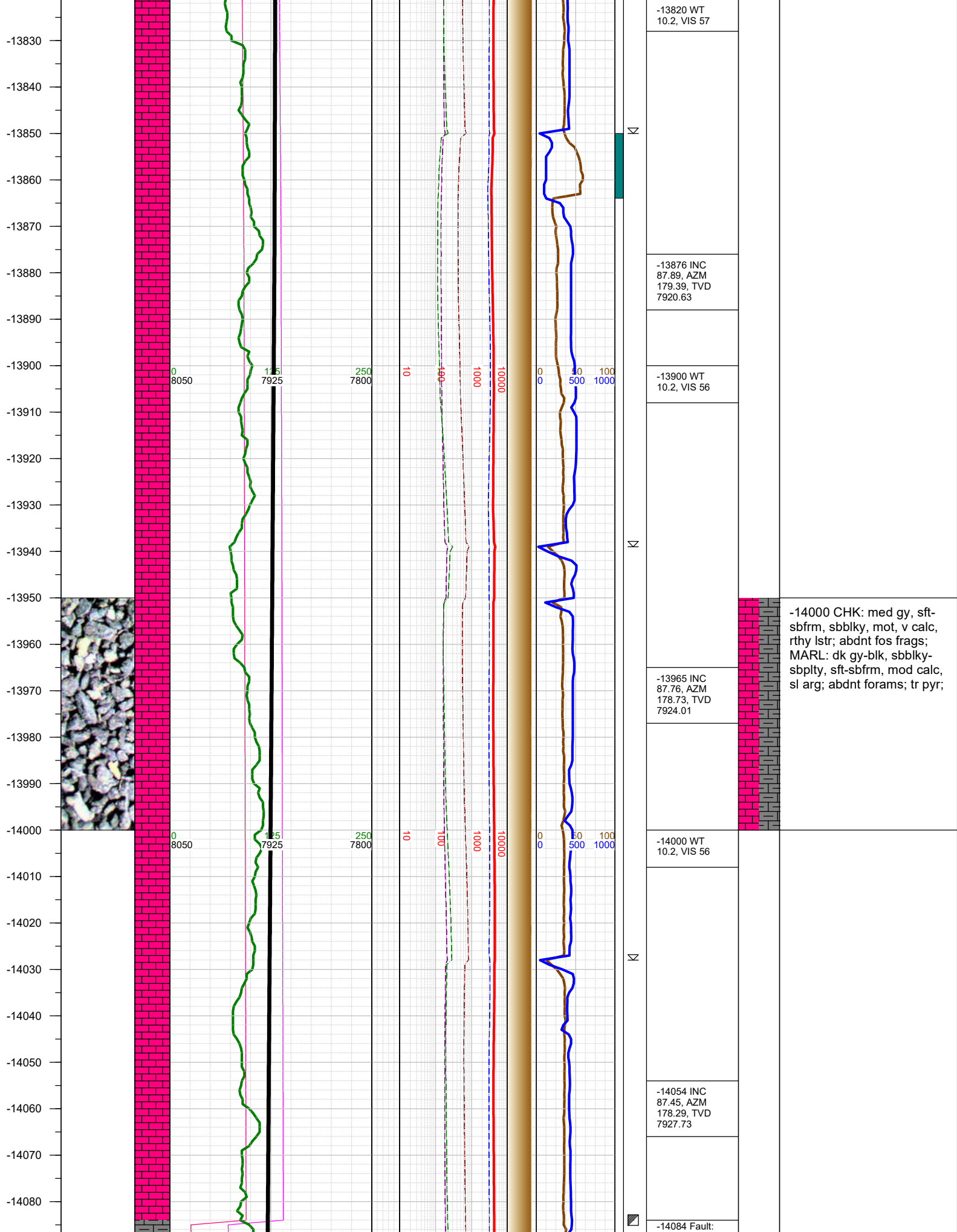
-13696 INC
89.48, AZM
180.89, TVD
7919.01

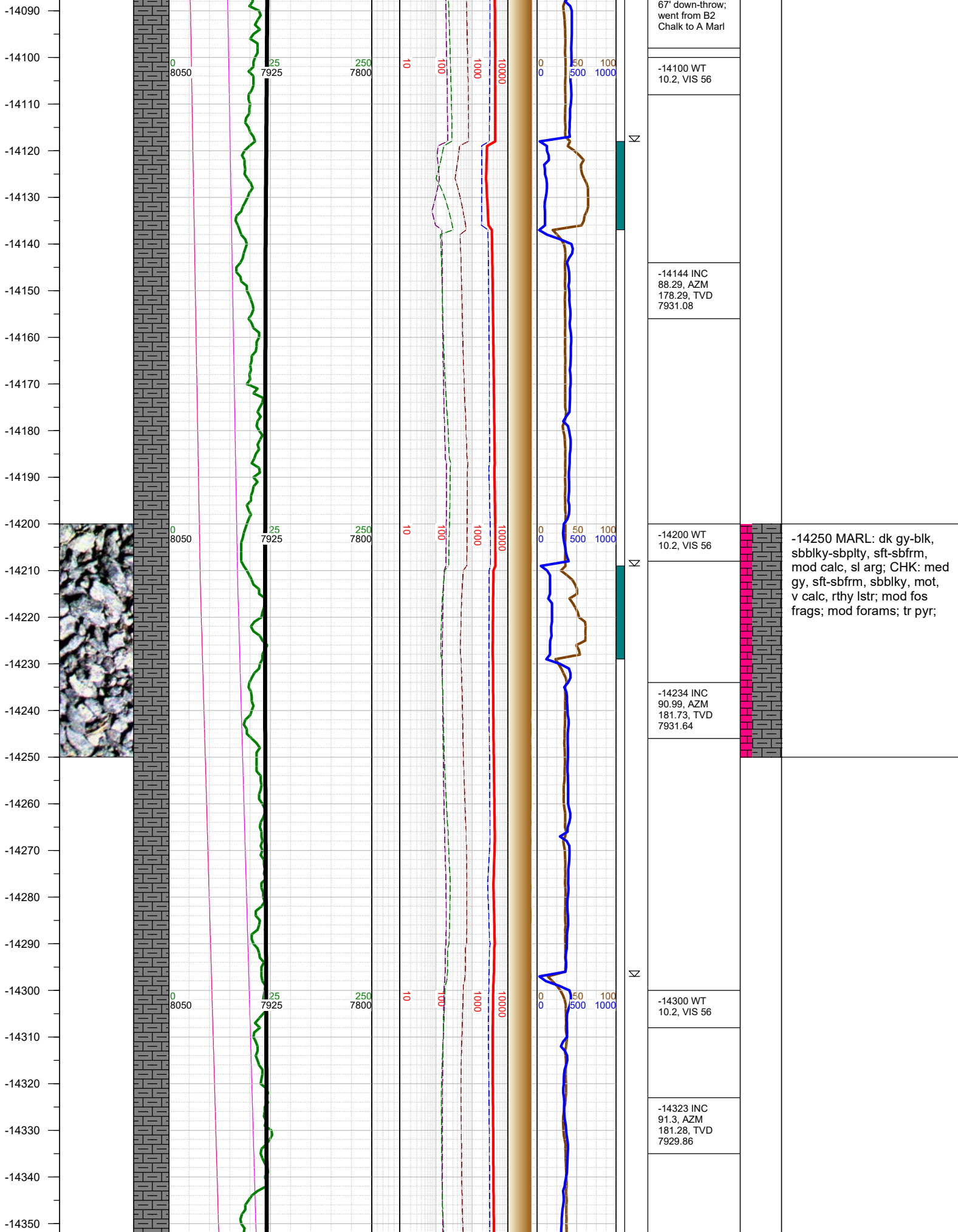
-13710 WT
10.2, VIS 57

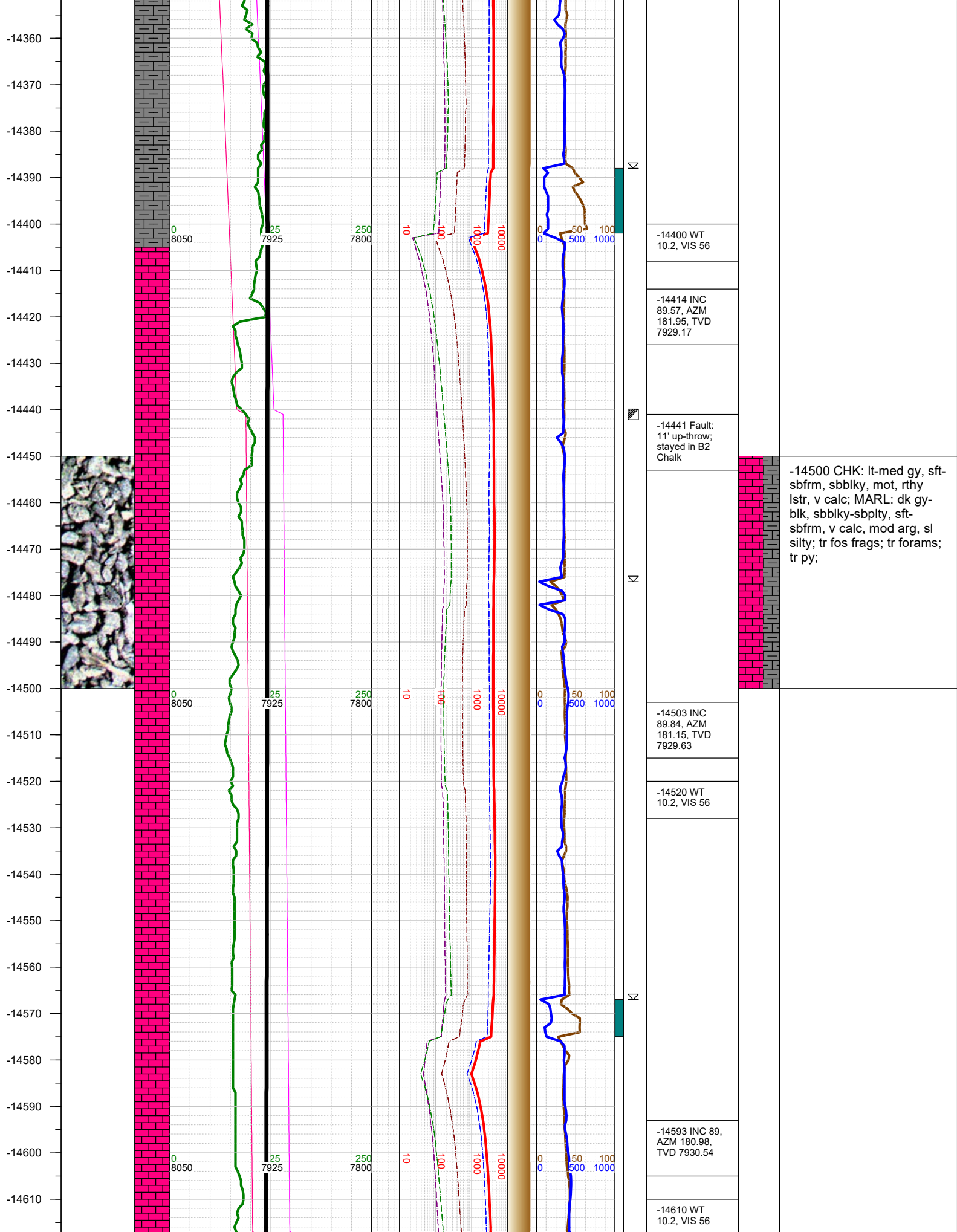
-13786 INC
90.28, AZM
180.18, TVD
7919.2

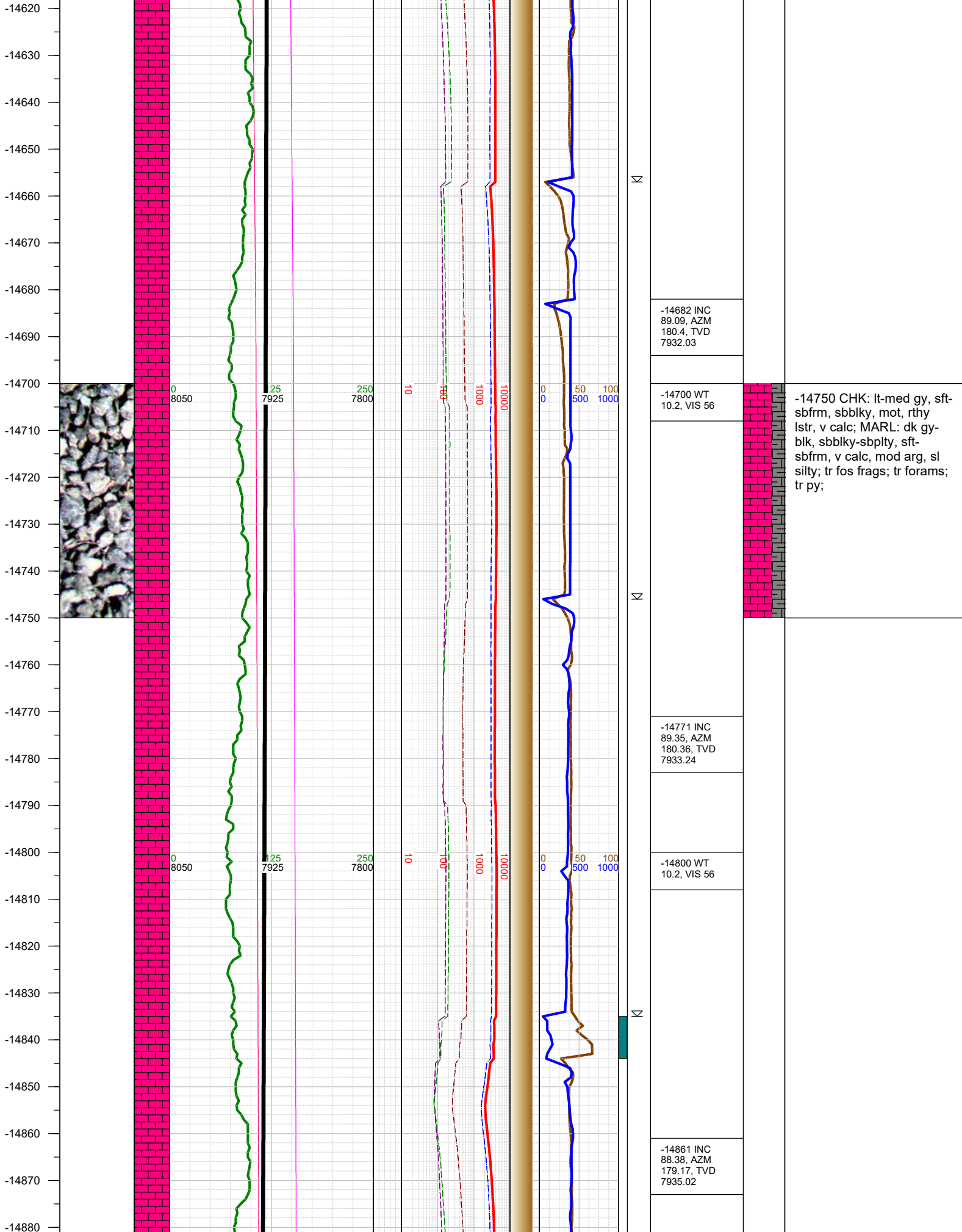
-13800 Fault:
35' down-throw;
stayed in B2
Chalk

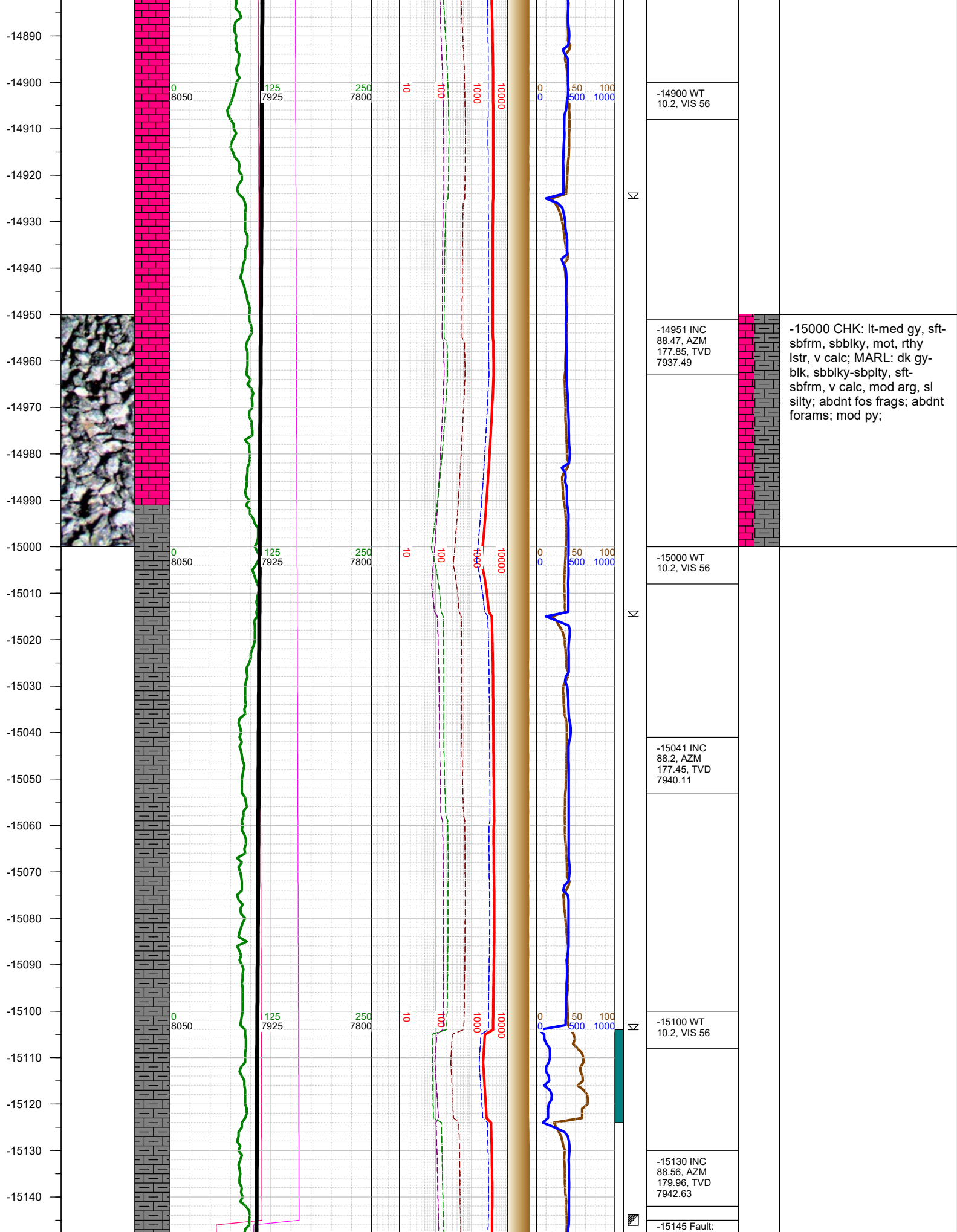
-13750 MARL: dk gy-blk,
sbbly-sbply, sft-sbfrm,
mod calc, sl arg; CHK: med
gy, sft-sbfrm, sbbly, mot,
v calc, rthy lstr; abndt fos
frags; abndt forams; tr pyr;

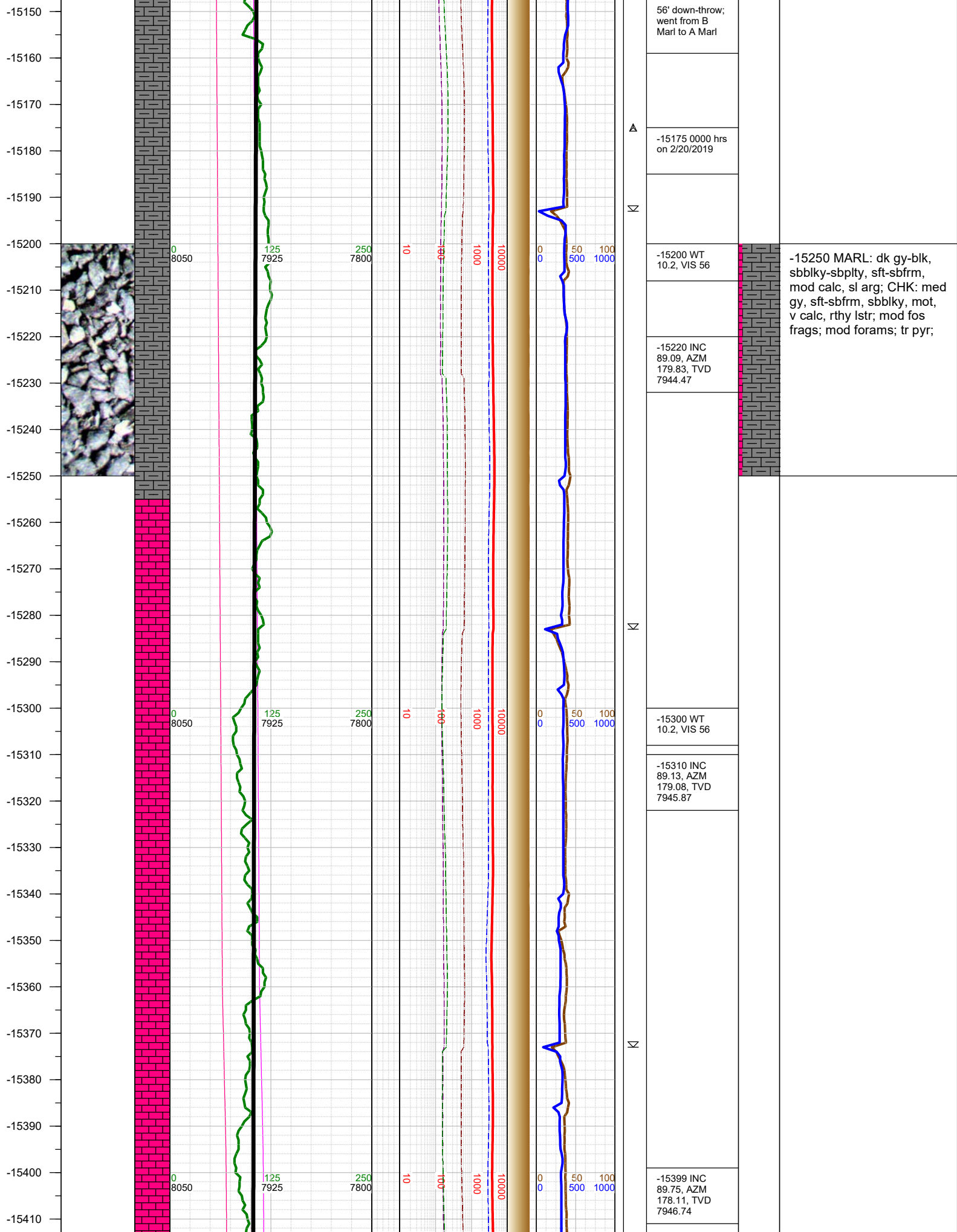


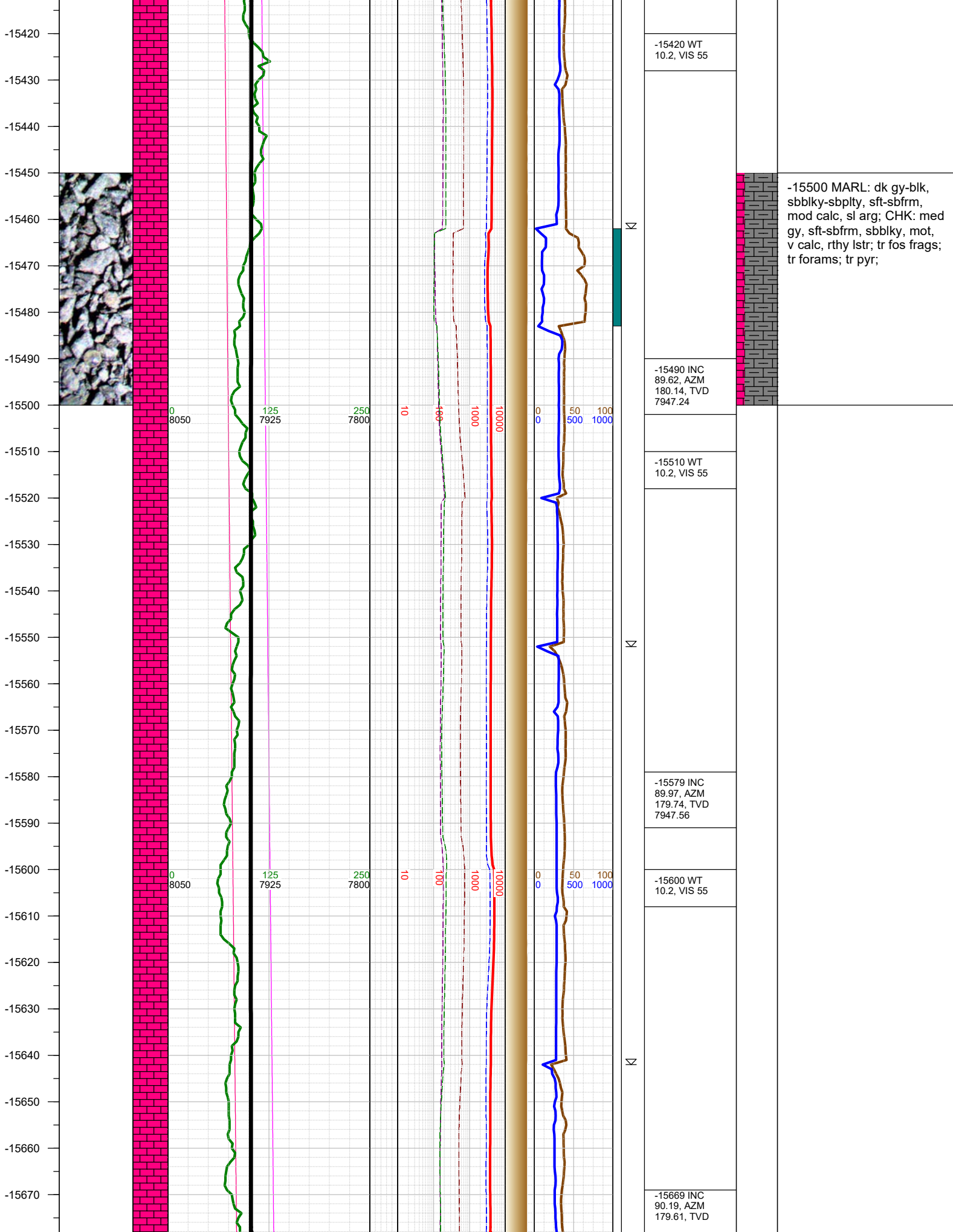




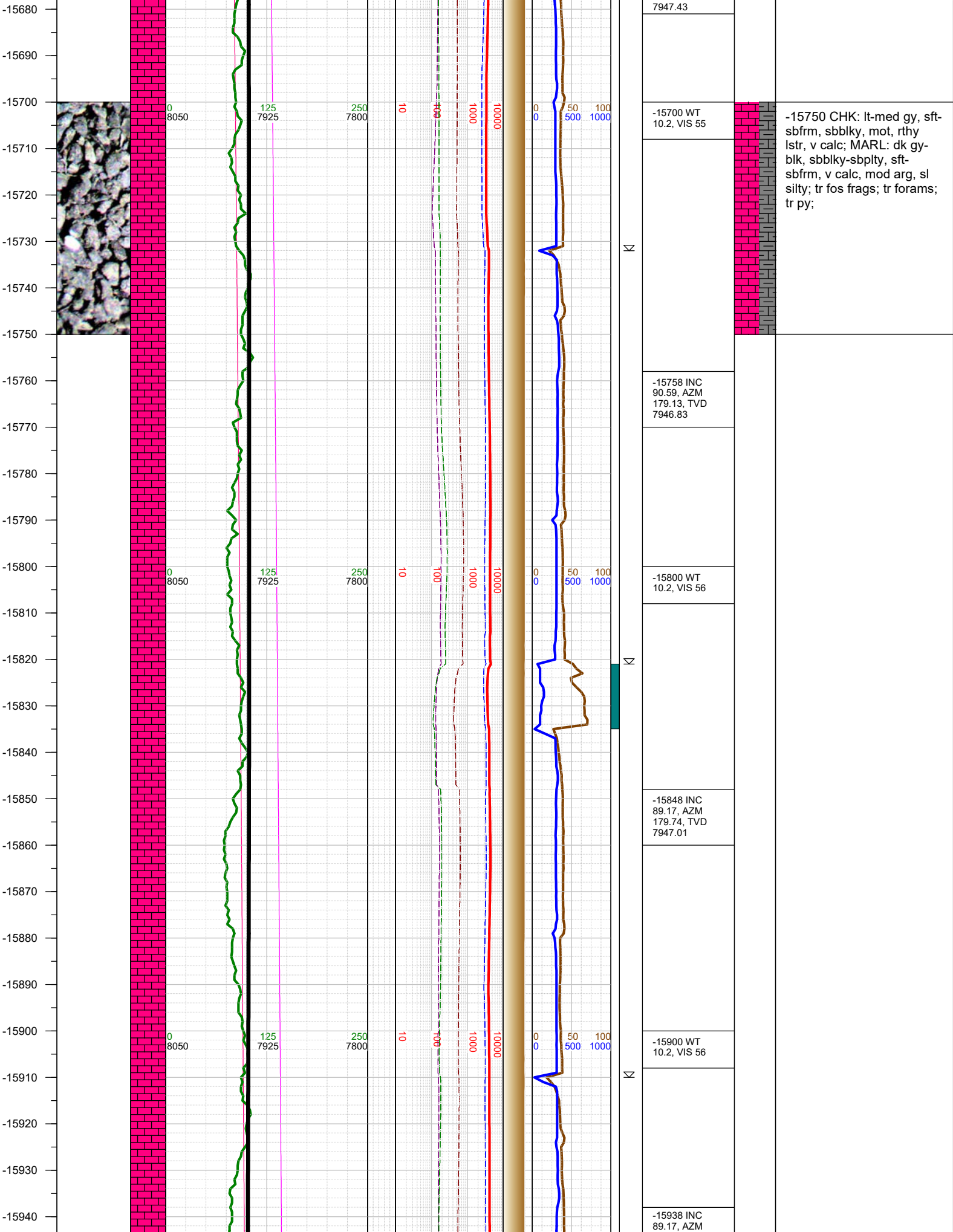


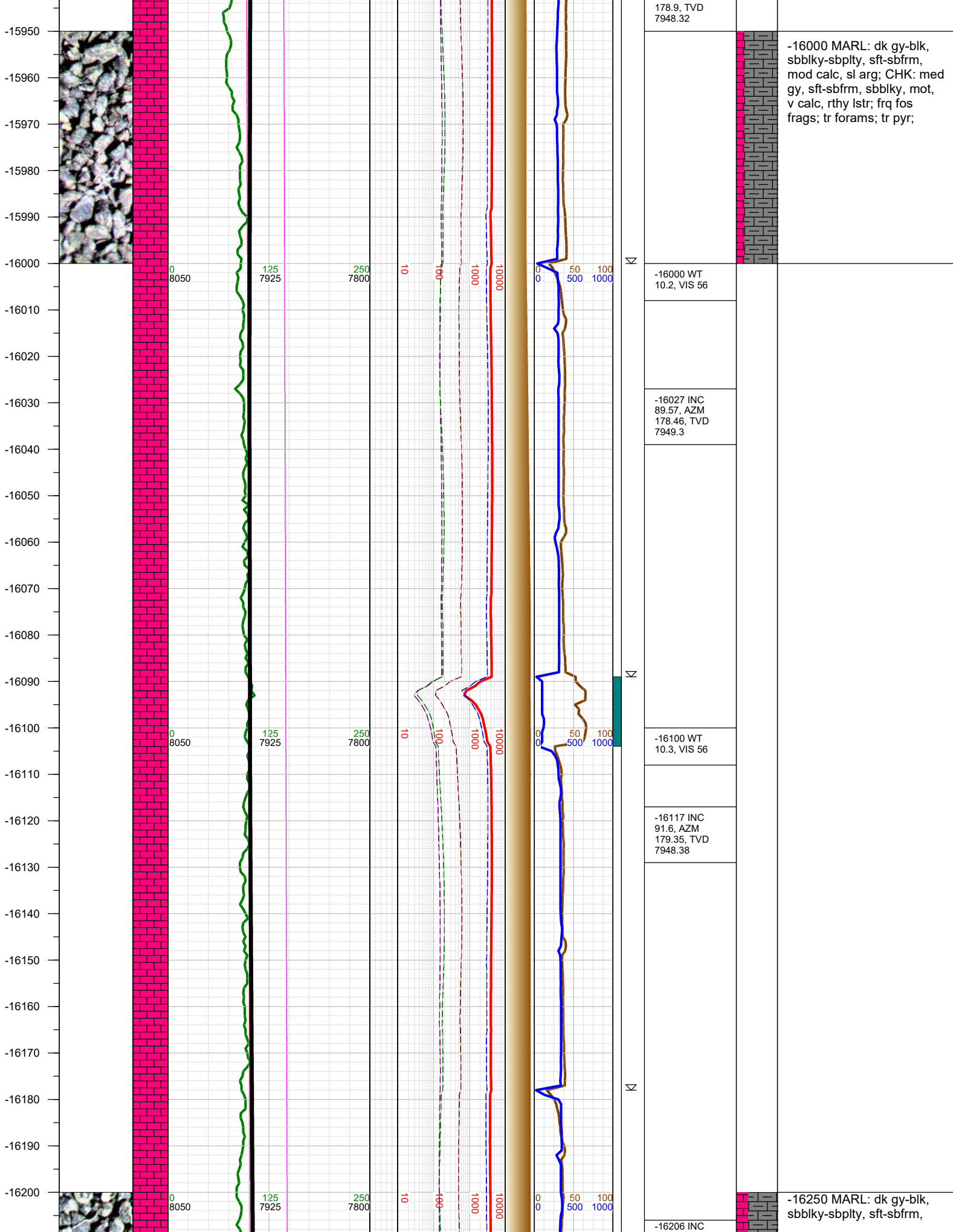


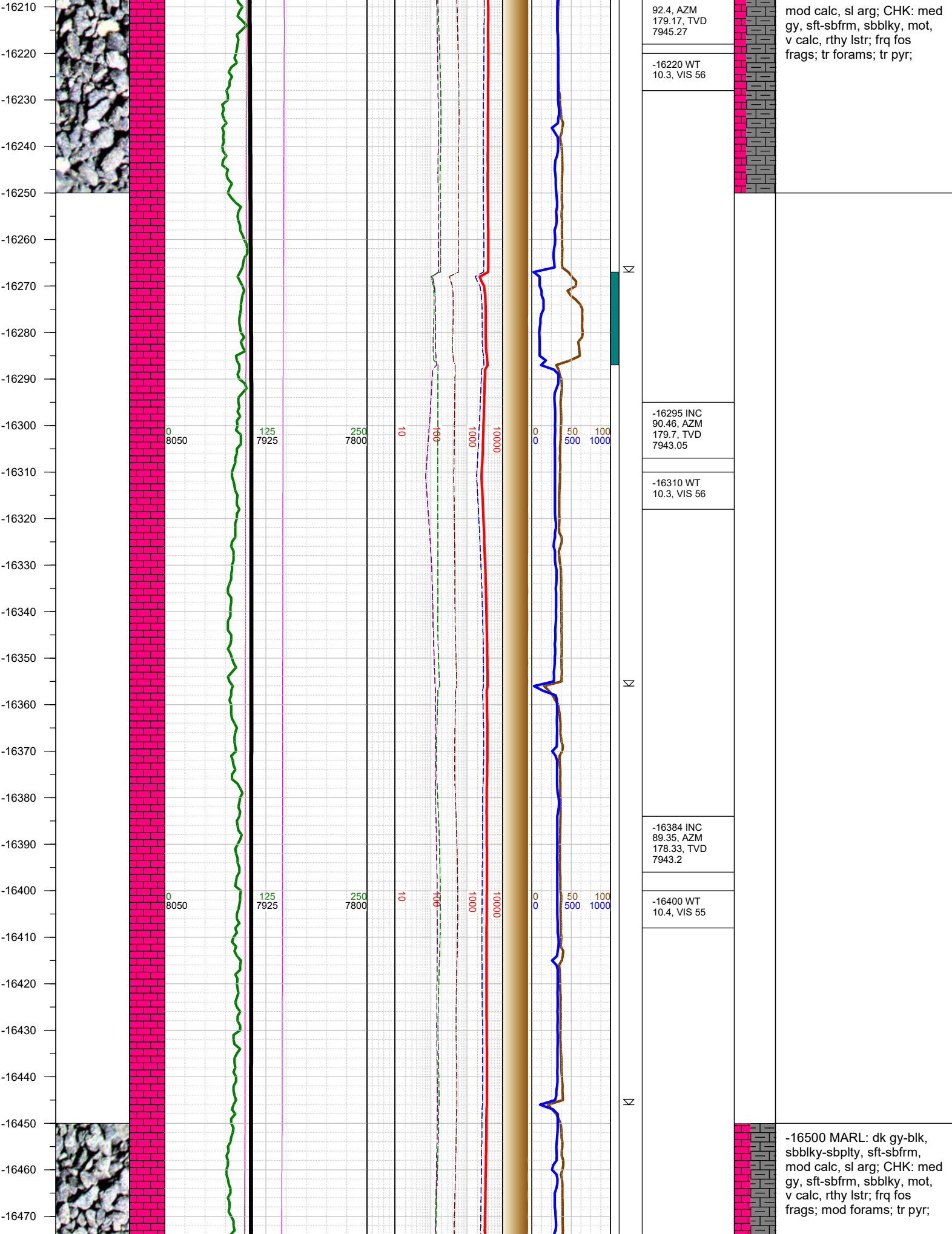


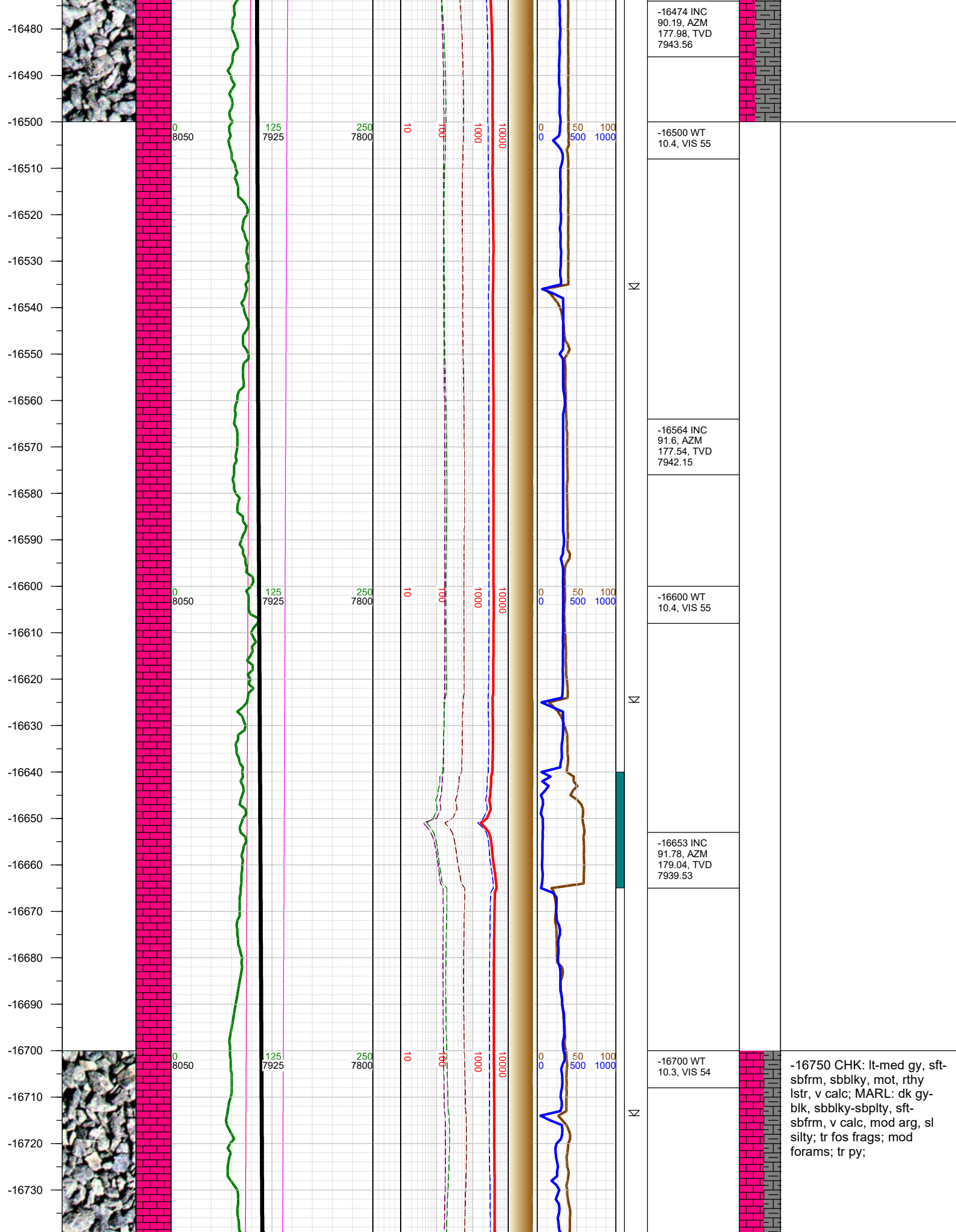


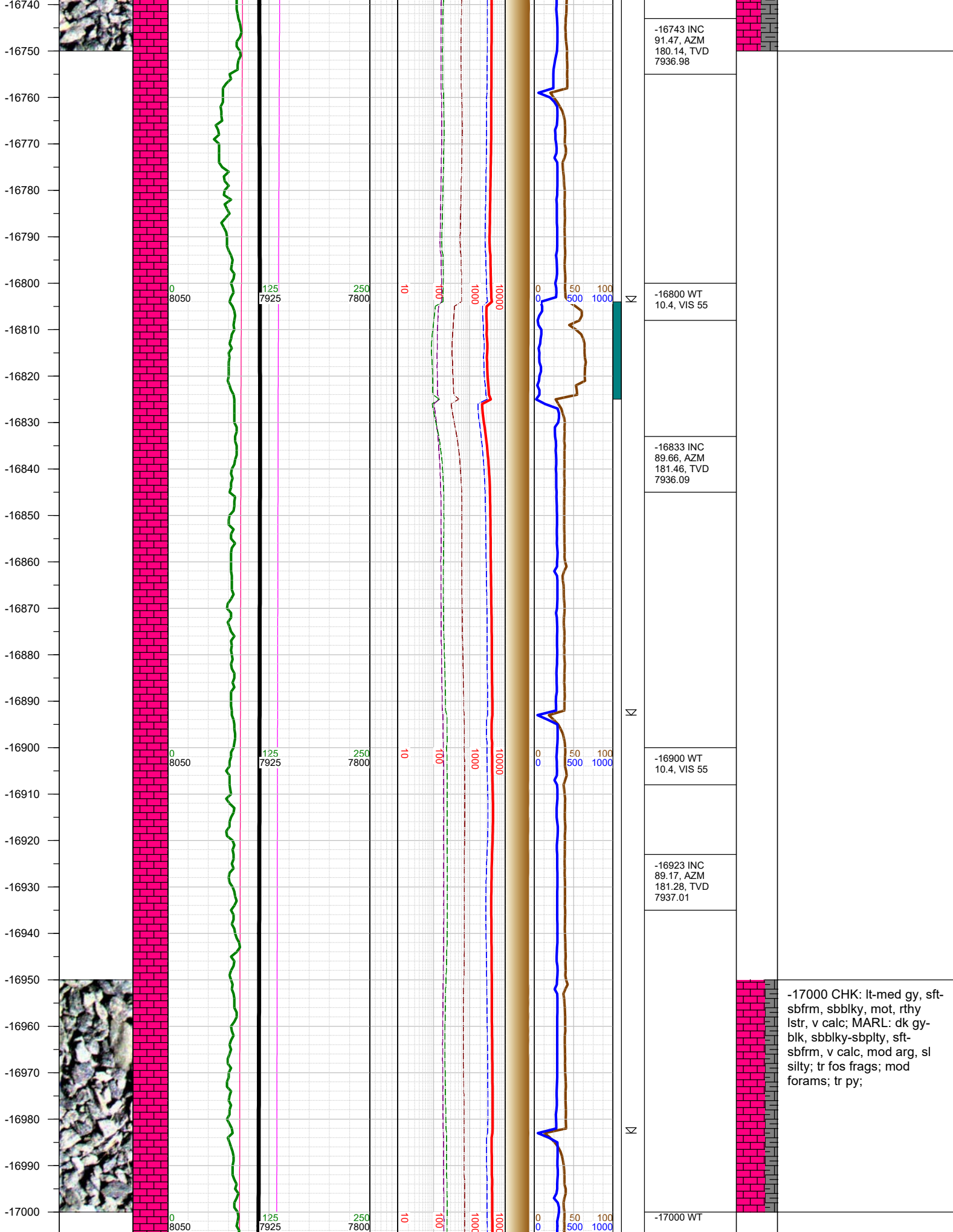
-15500 MARL: dk gy-blk, sbblky-sbplty, sft-sbfrm, mod calc, sl arg; CHK: med gy, sft-sbfrm, sbblky, mot, v calc, rthy lstr; tr fos frags; tr forams; tr pyr;

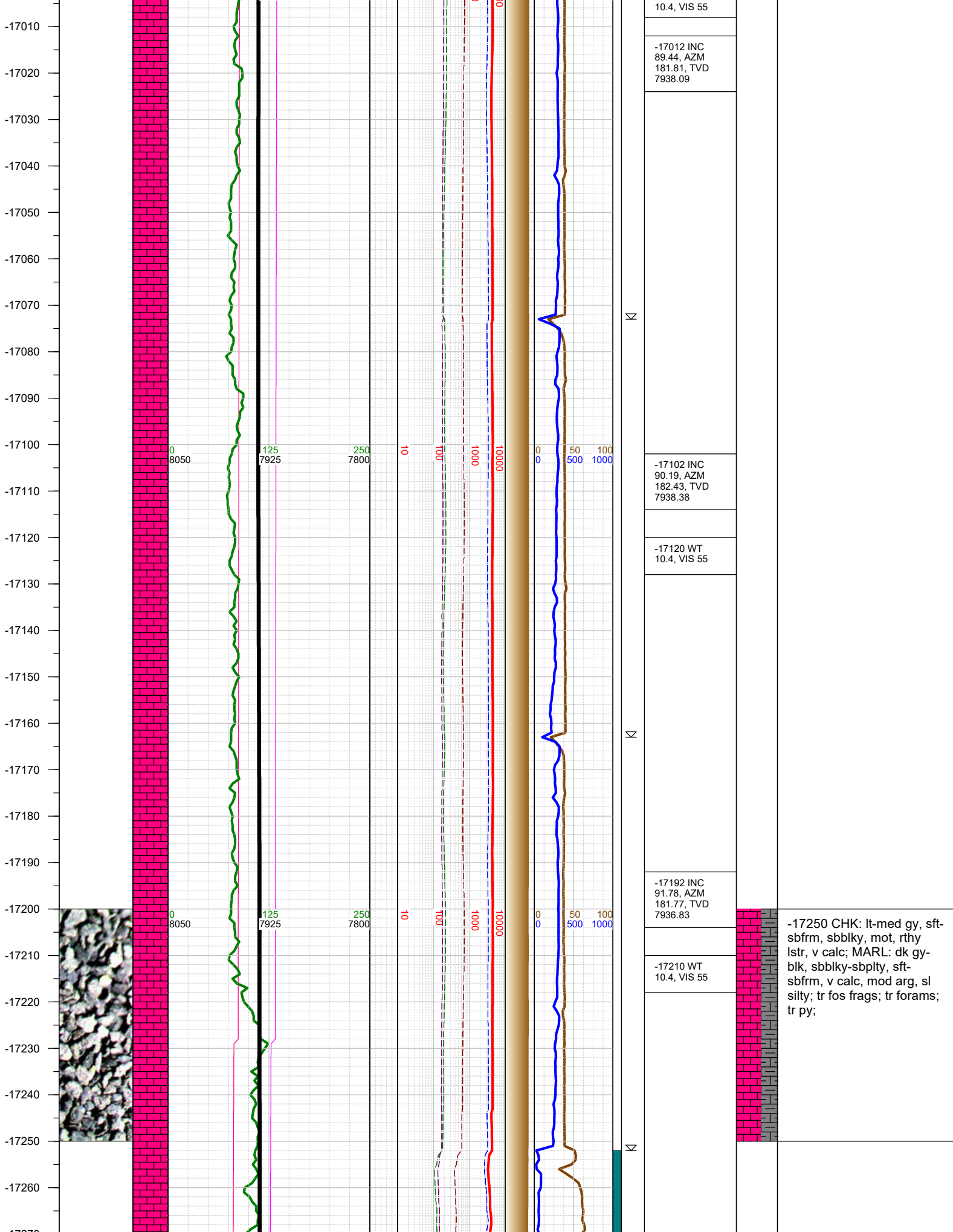


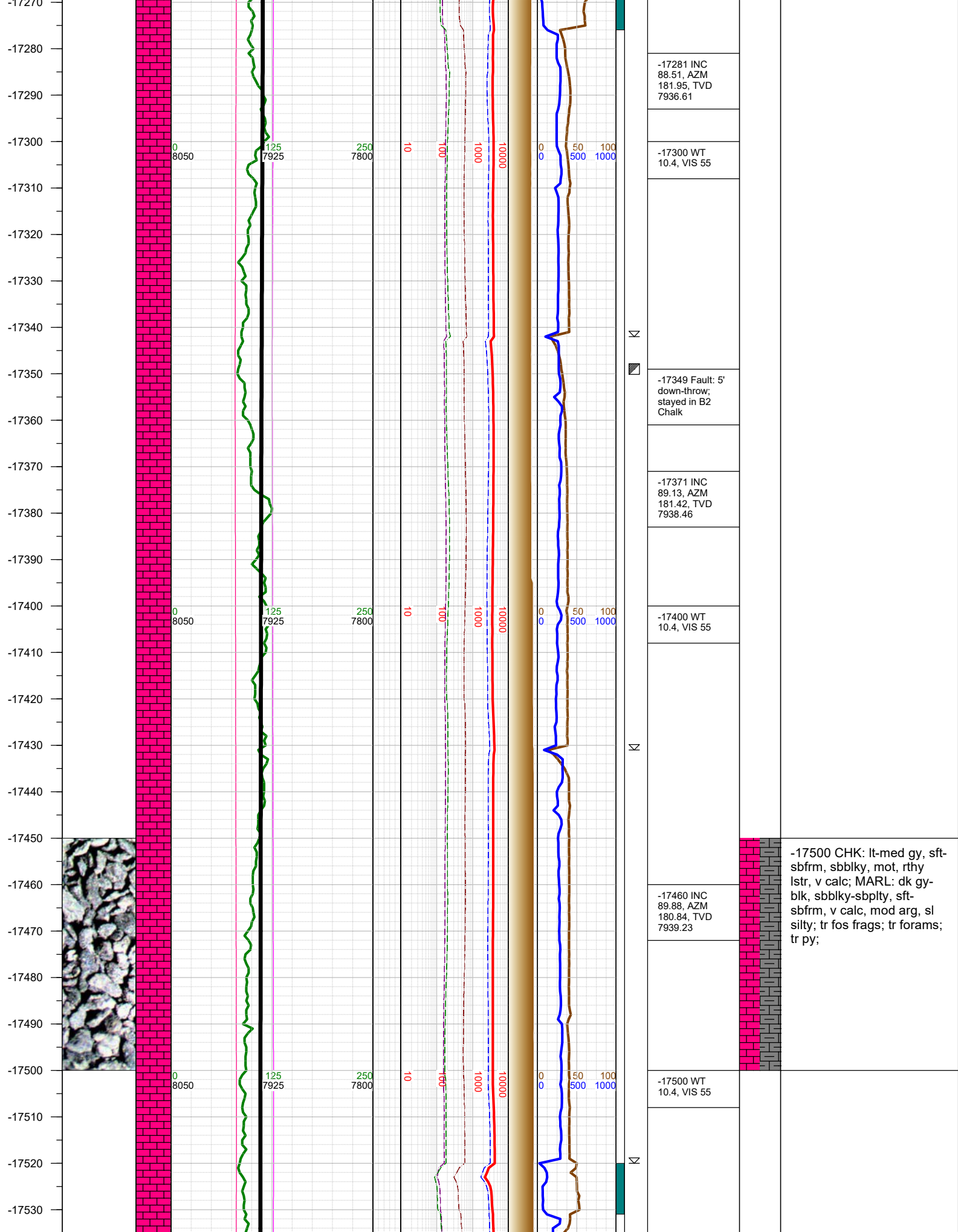


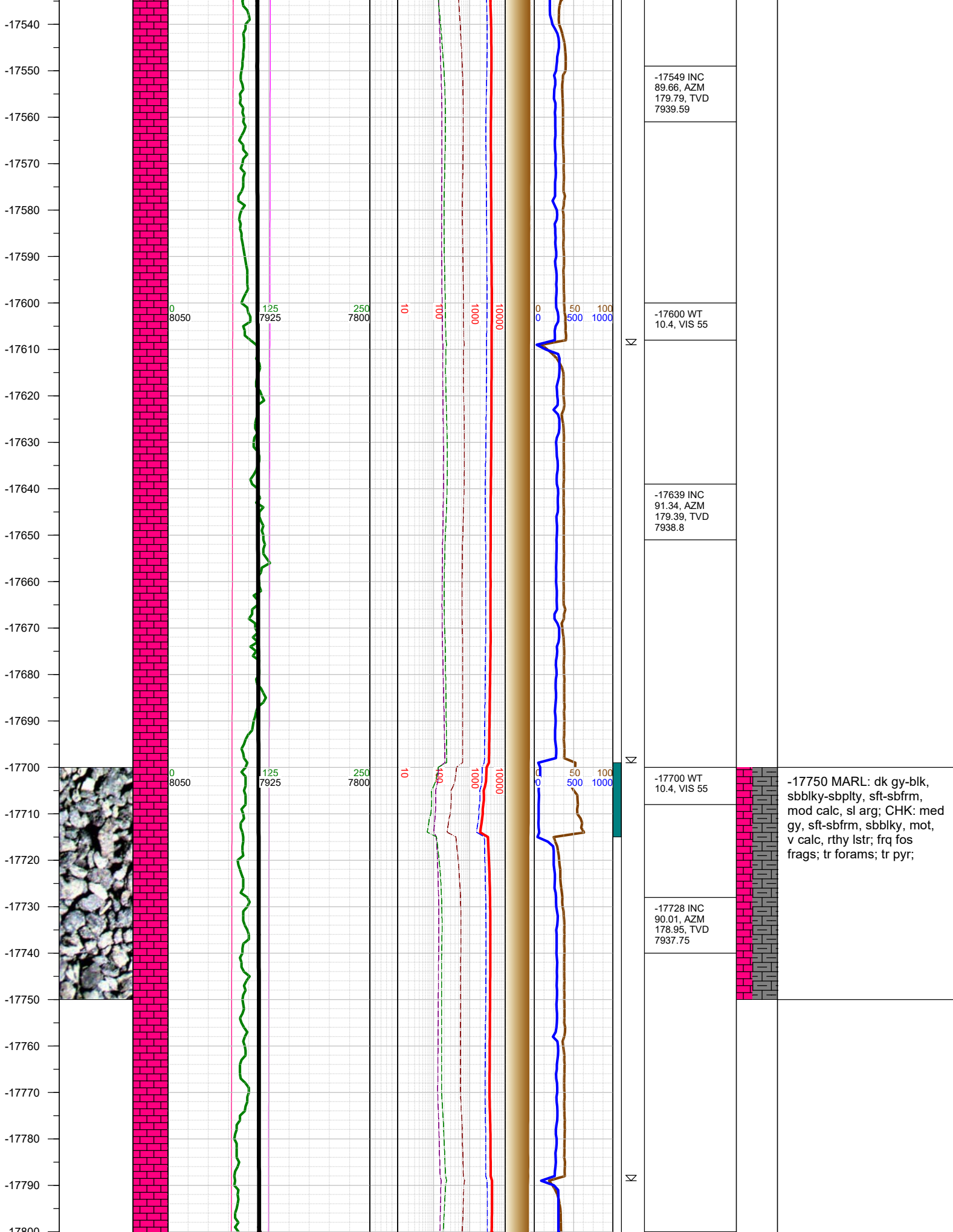


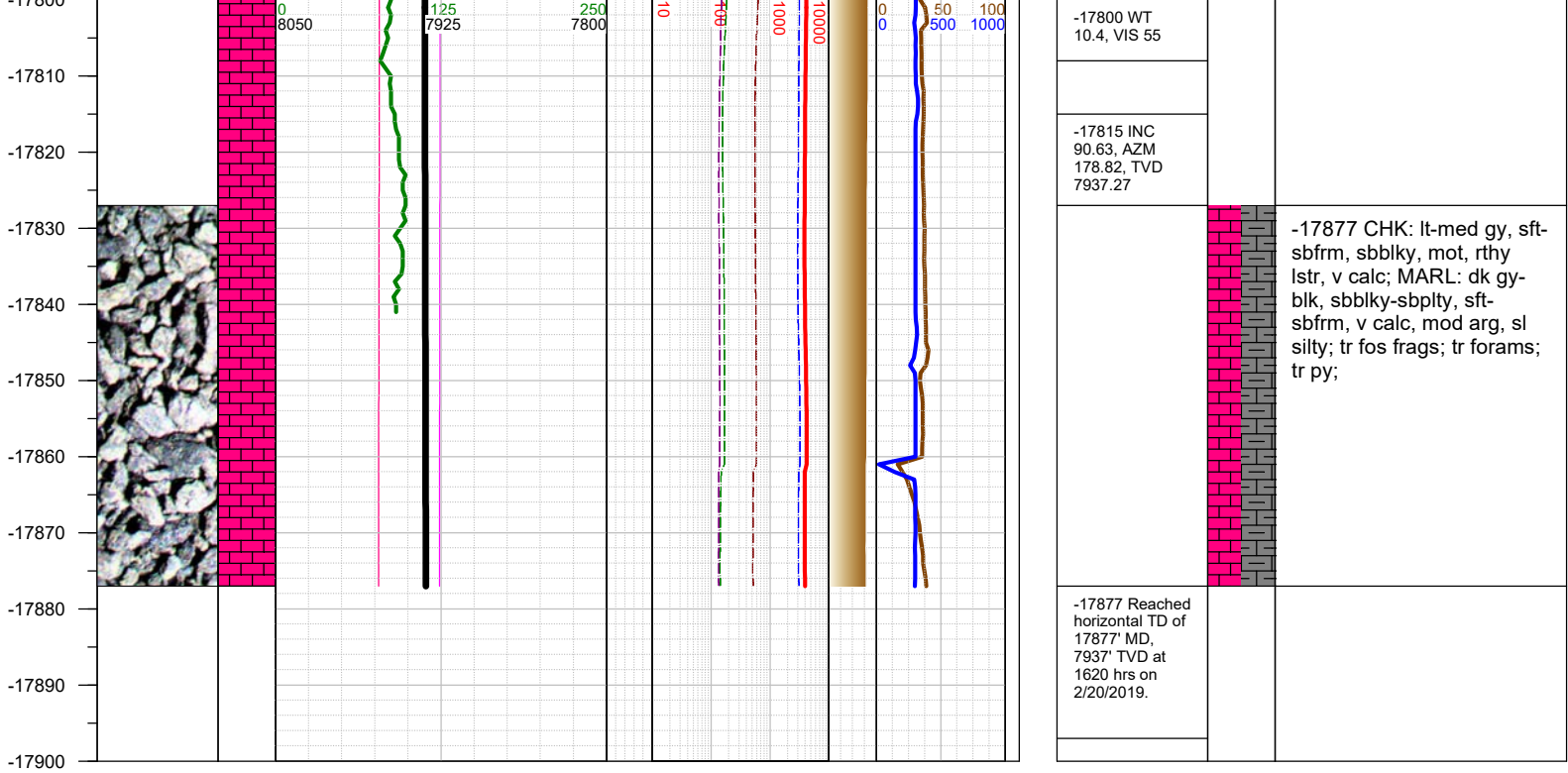












TOTAL DEPTH = 17877'

Thank you for using Earth Science Agency