

OPERATOR: **Extraction Oil & Gas**
WELL NAME: **Coyote Trails 33W-15-1N**
FIELD NAME: DJ Basin - Wattenberg
DRILLING RIG: Ensign 147
API #: 05-123-49911

LAT/LONG: 40.018198, -105.007761
SURFACE HOLE: SWSE S28-T1N-R68W, 1231' FSL, 2435' FEL
BOTTOM HOLE: S32-T1N-R68W, 172' FNL, 460' FWL

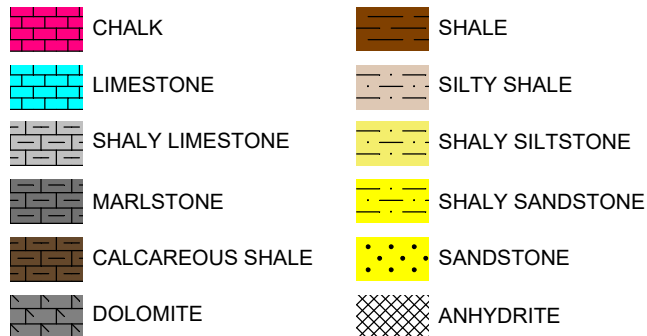


Earth Science Agency, LLC

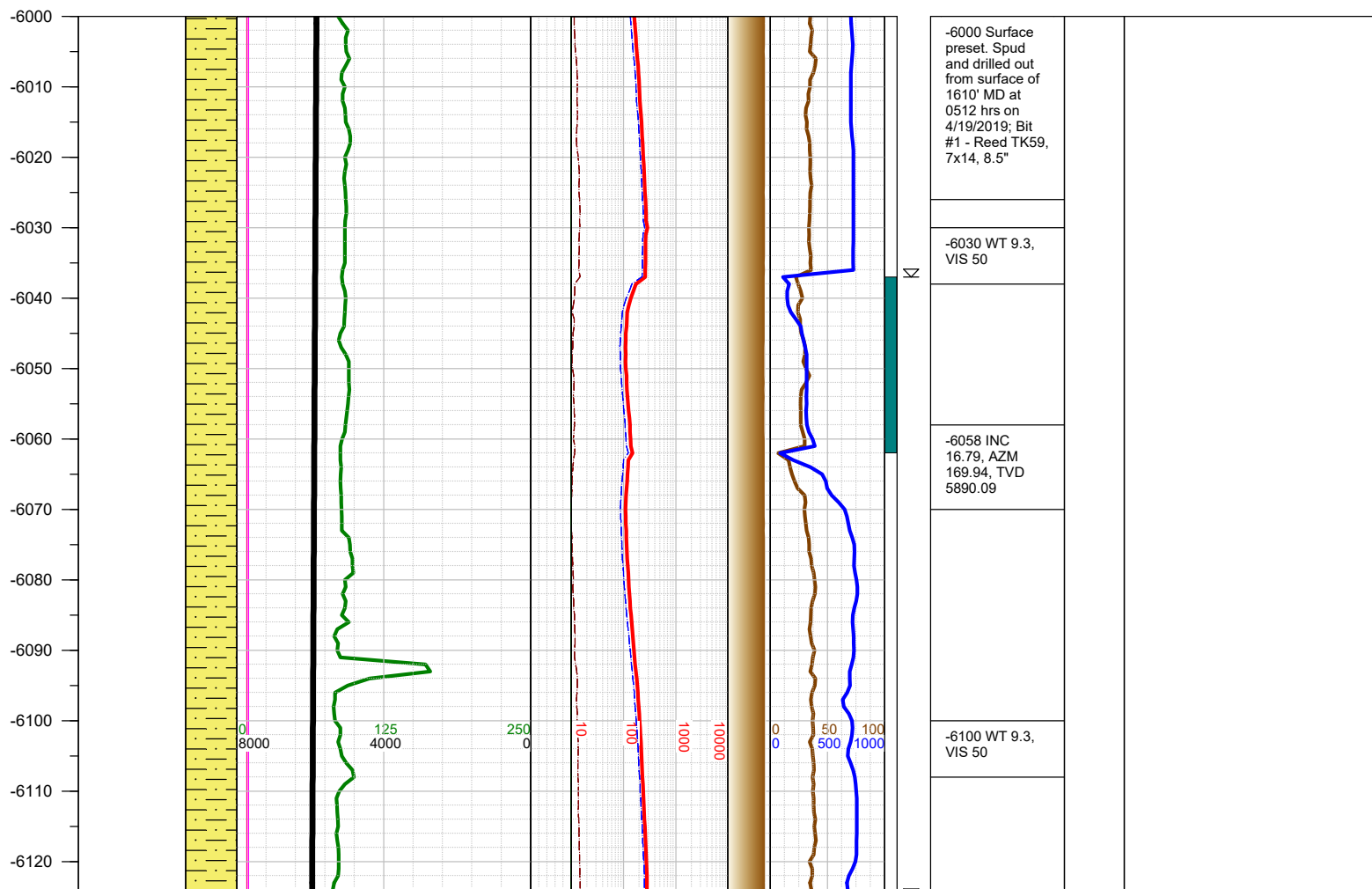
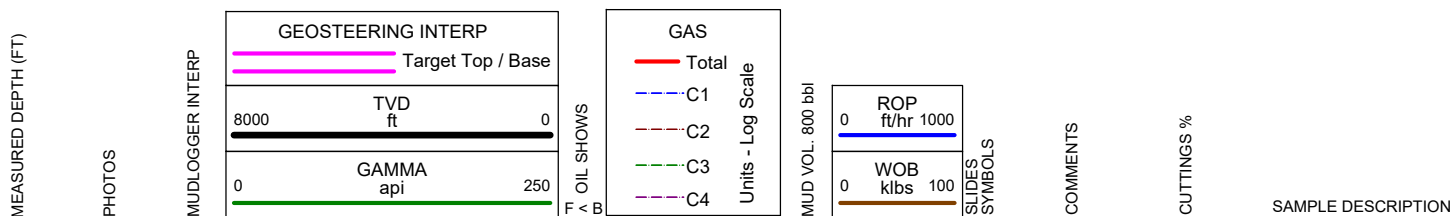
COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 5273'
KELLY BUSHING: 5301'
DRILLING FLUID: OBM
TVD VS. MD: 7791' / 15477'
SPUD DATE: April 19, 2019
TD DATE: April 21, 2019

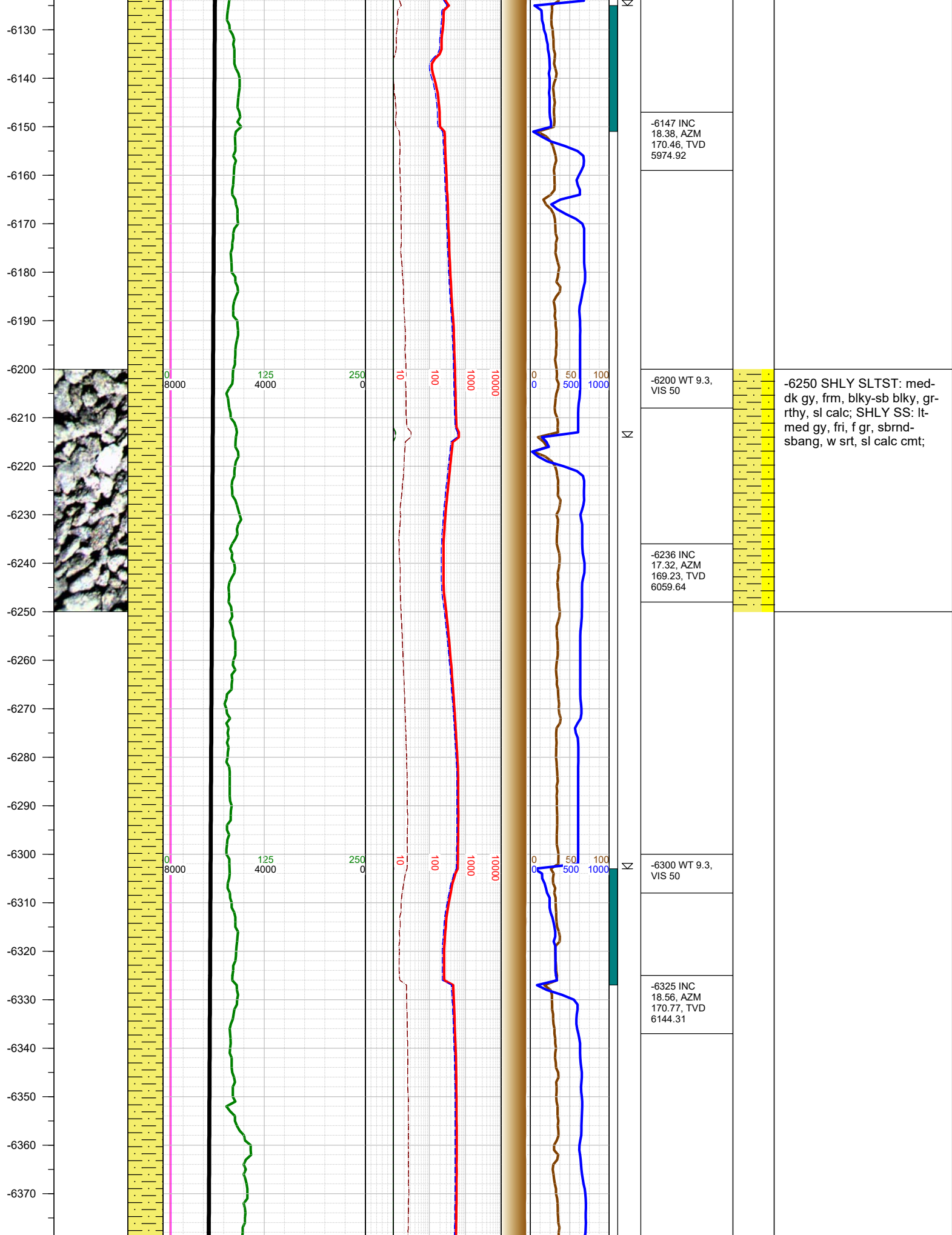
DEPTHS LOGGED: 6000' - 15477'
DATES LOGGED: April 19, 2019 - April 21, 2019
GEOLOGISTS: Dan Jacobs, Curtis Magnino
SCALE: 5" = 100'

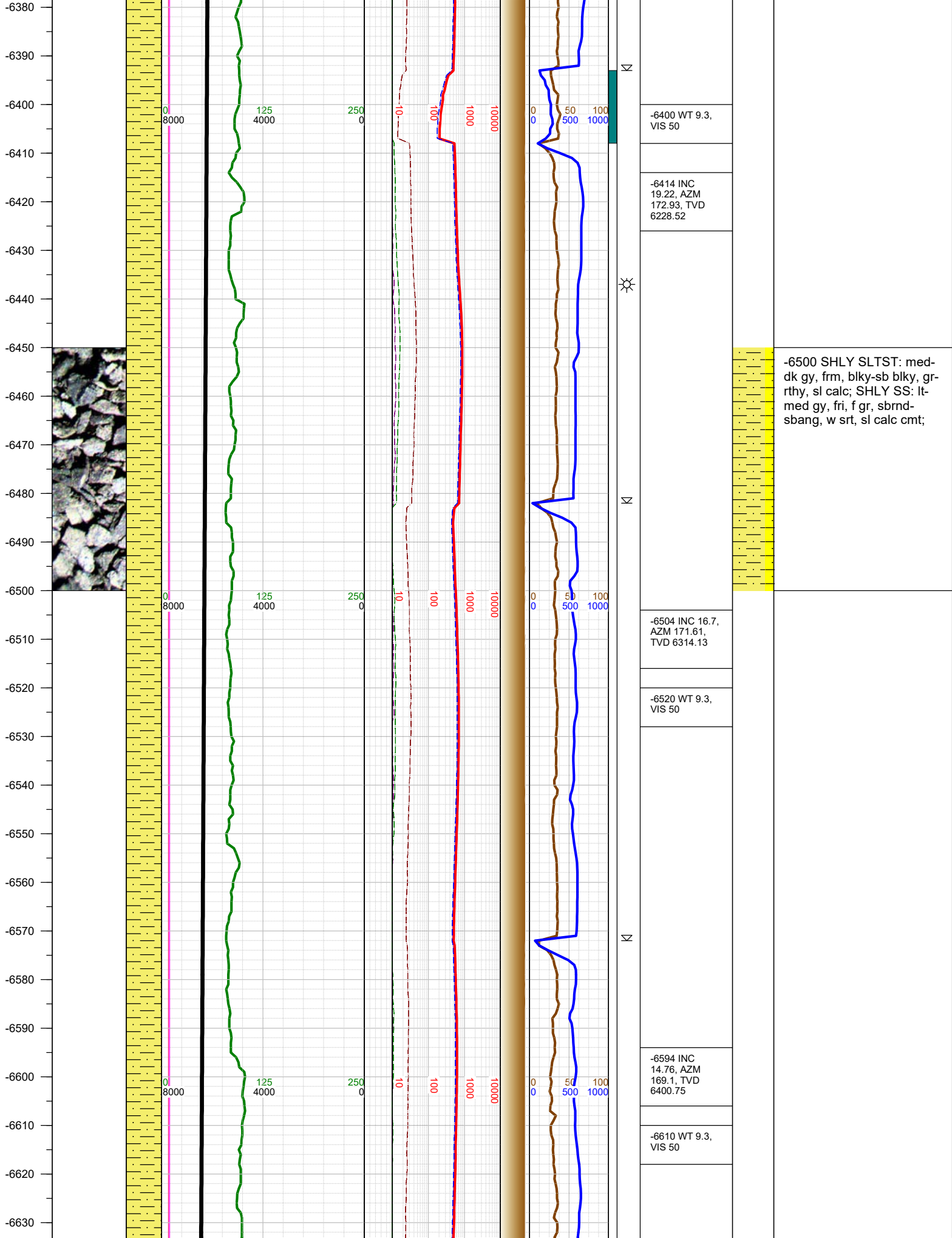
LEGEND

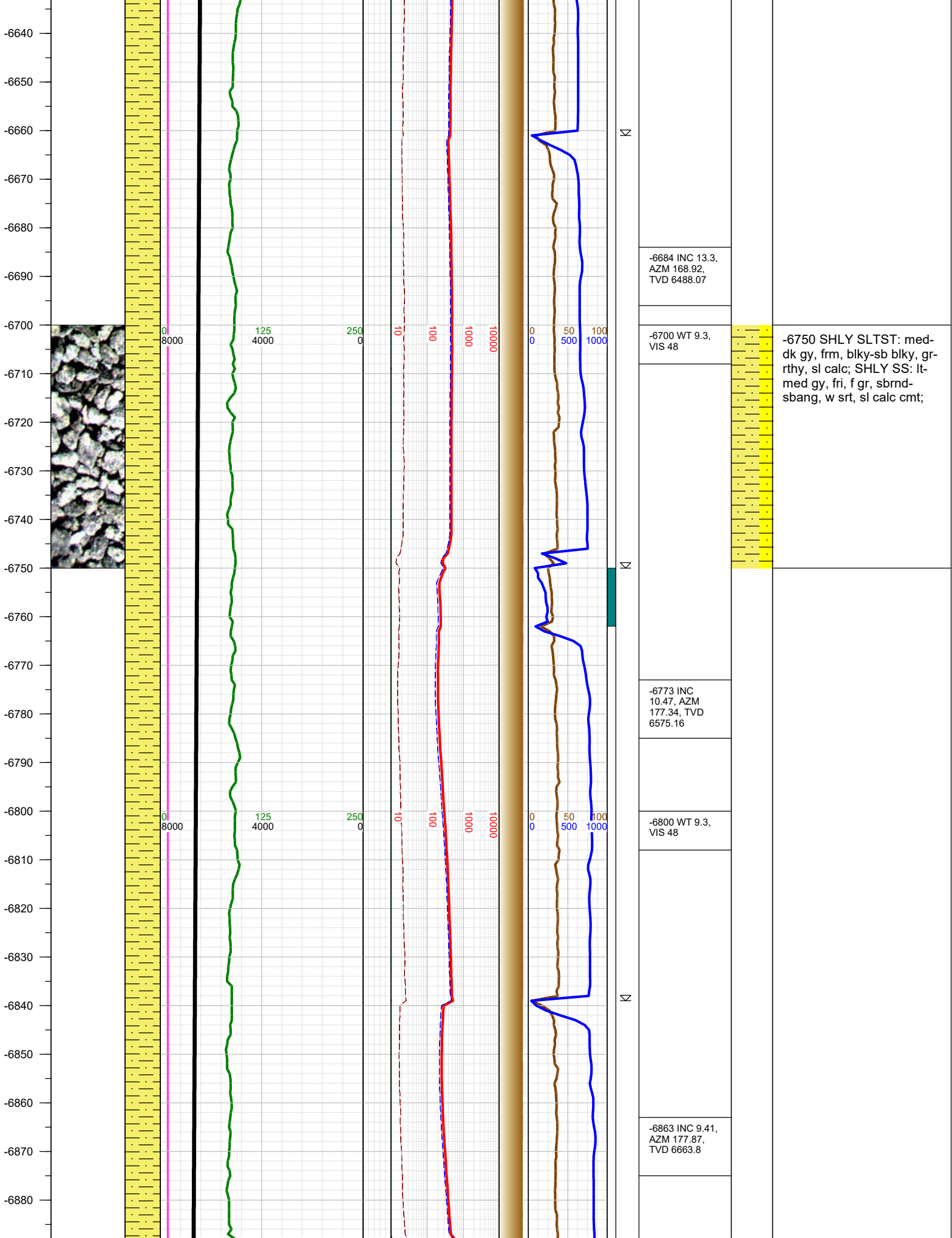


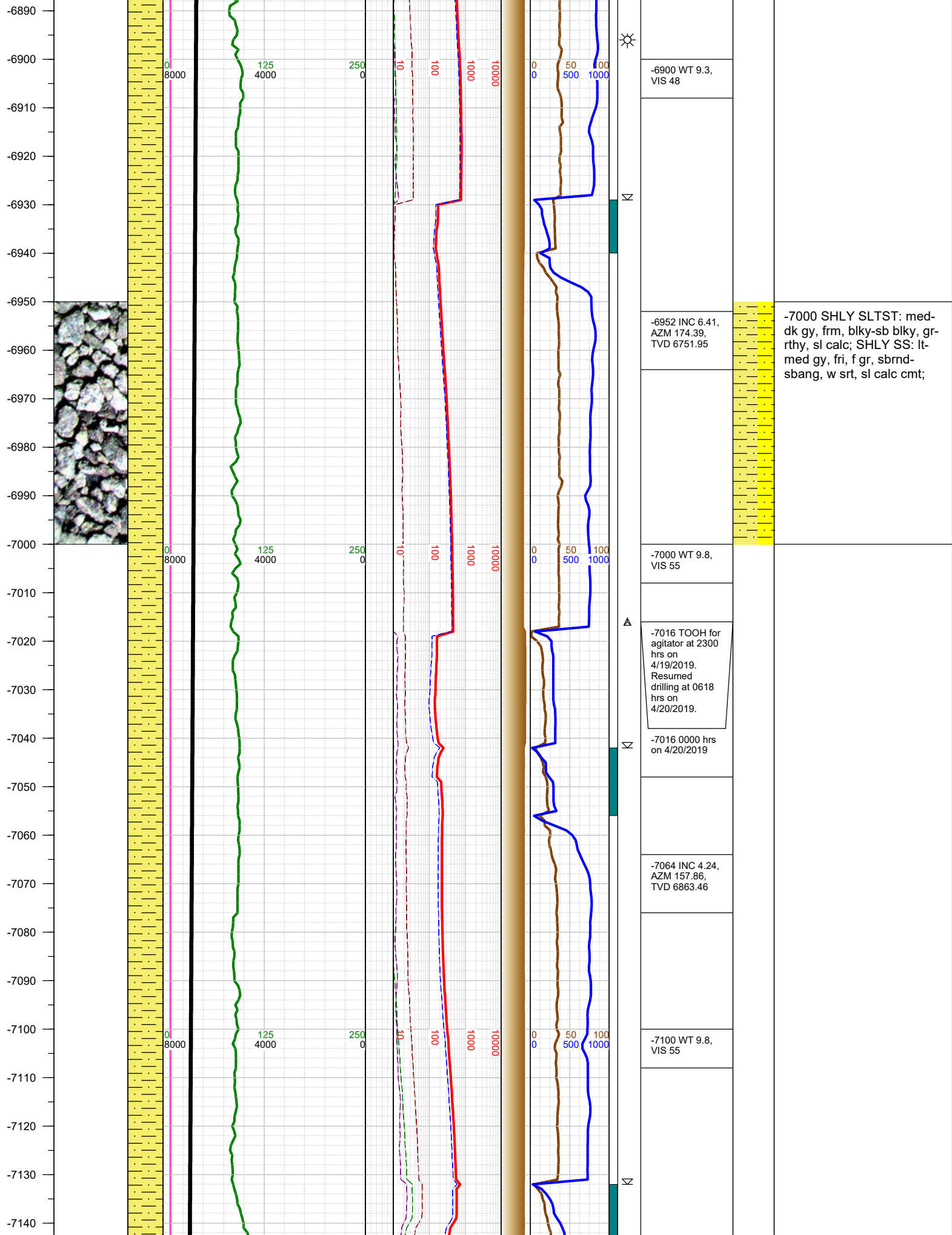
FORMATION CONNECTION MIDNIGHT NEW BIT GAS SHOW FAULT

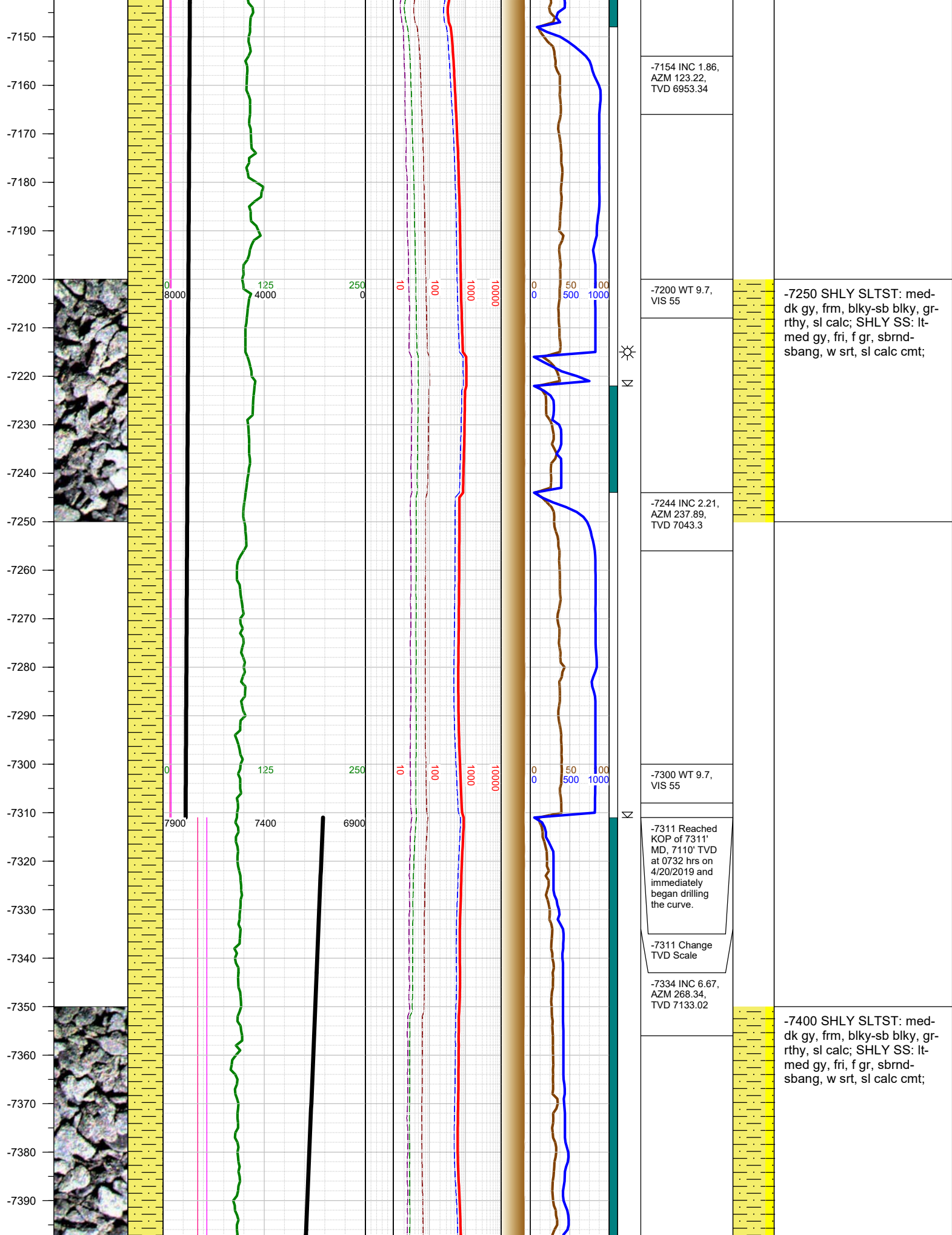


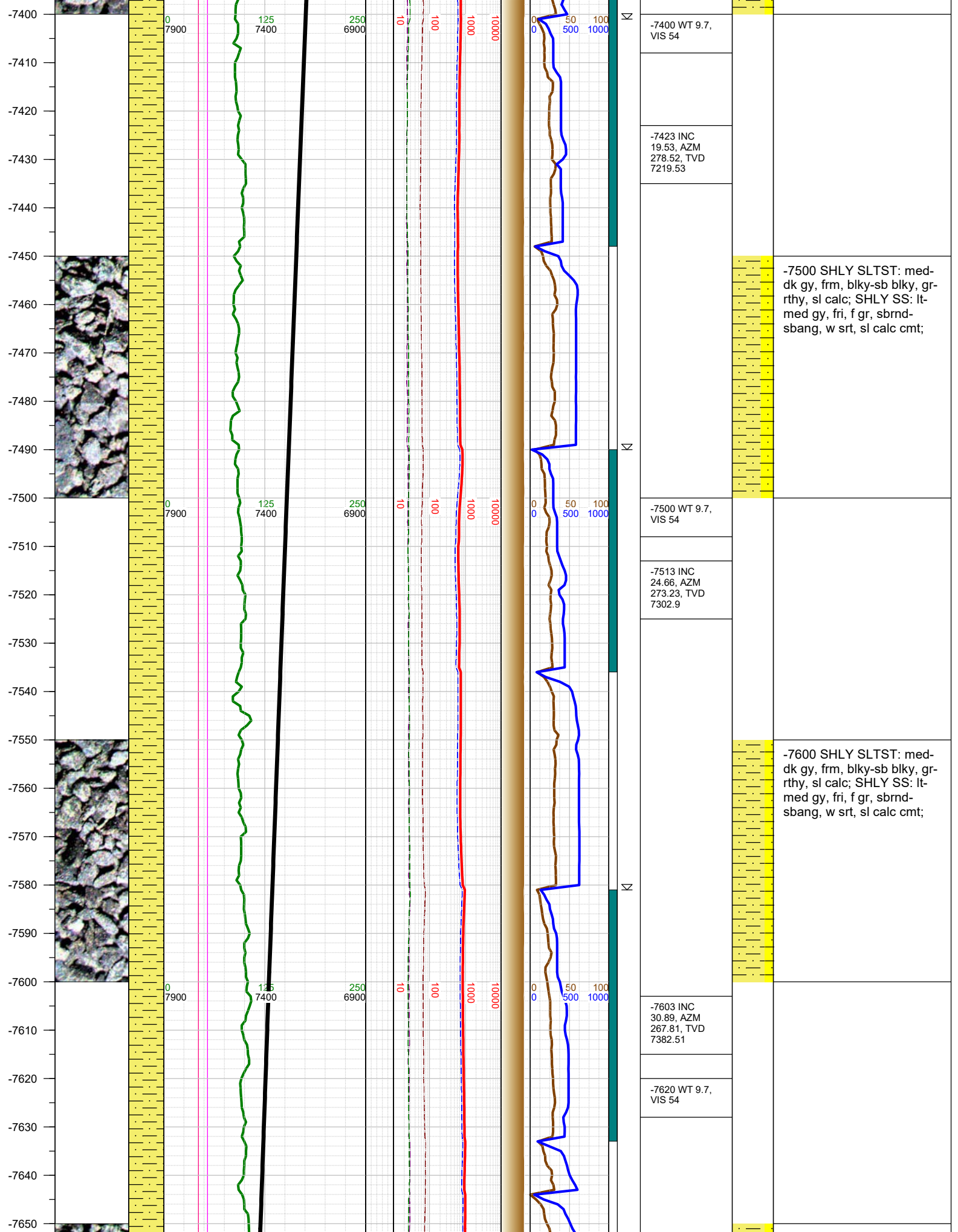


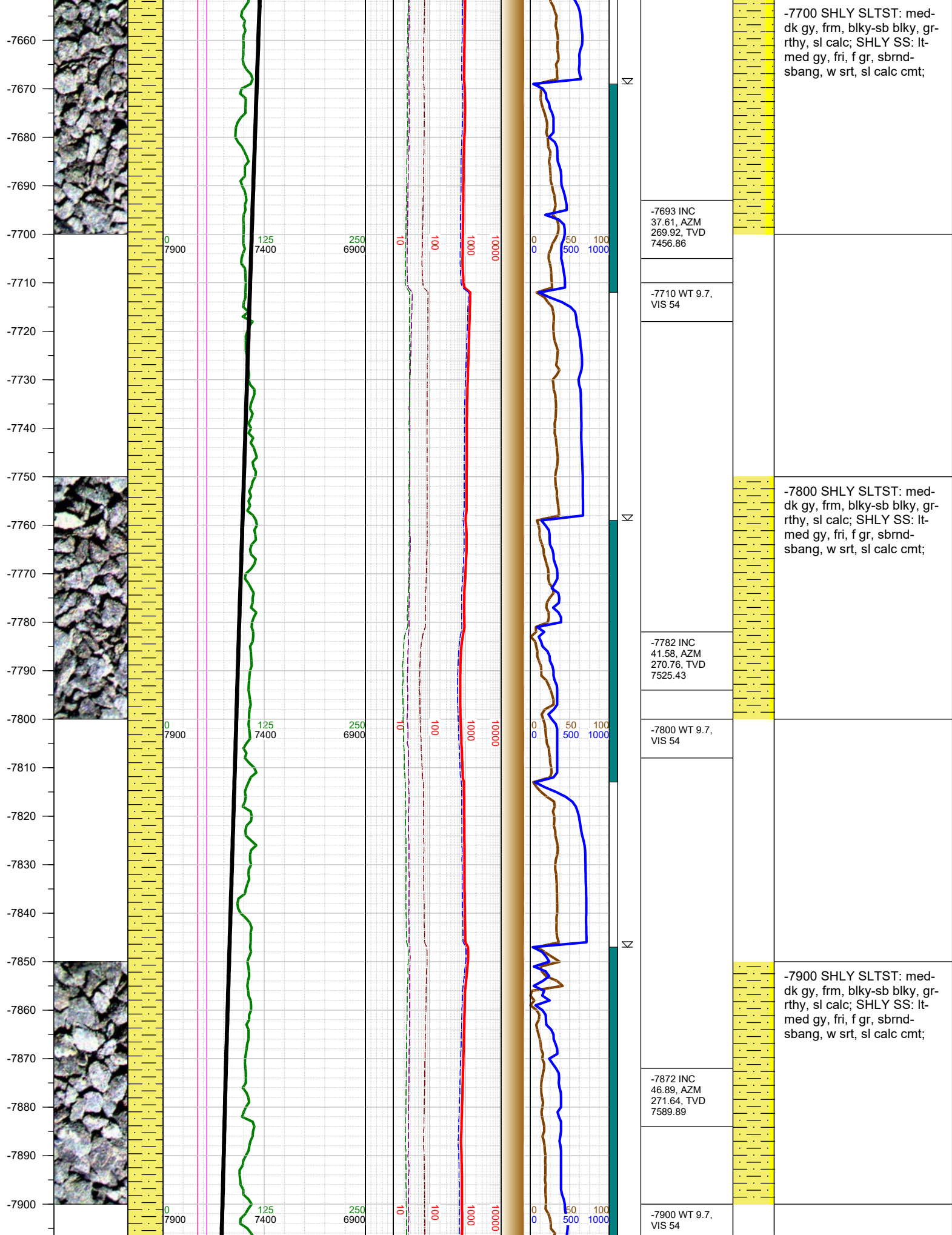


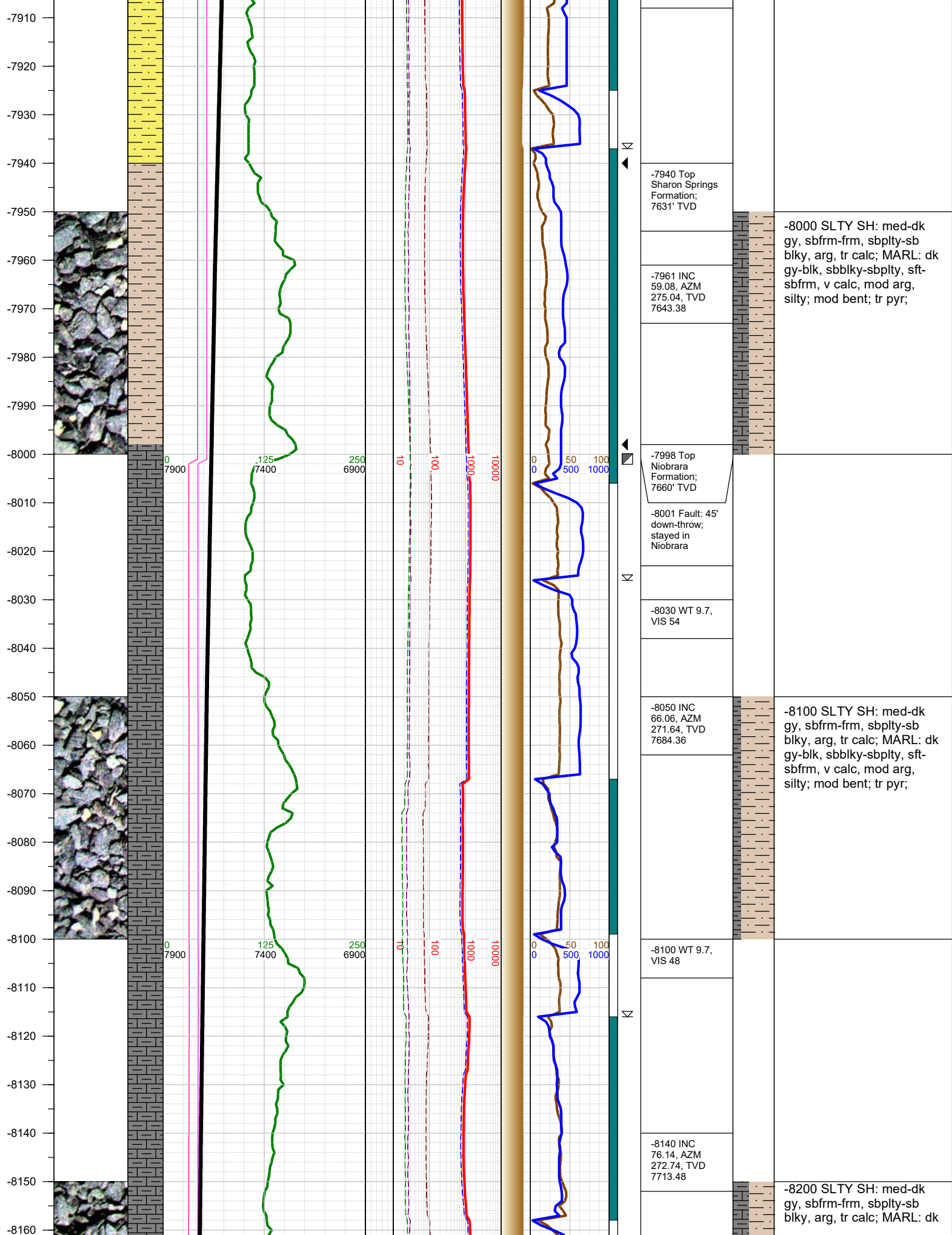


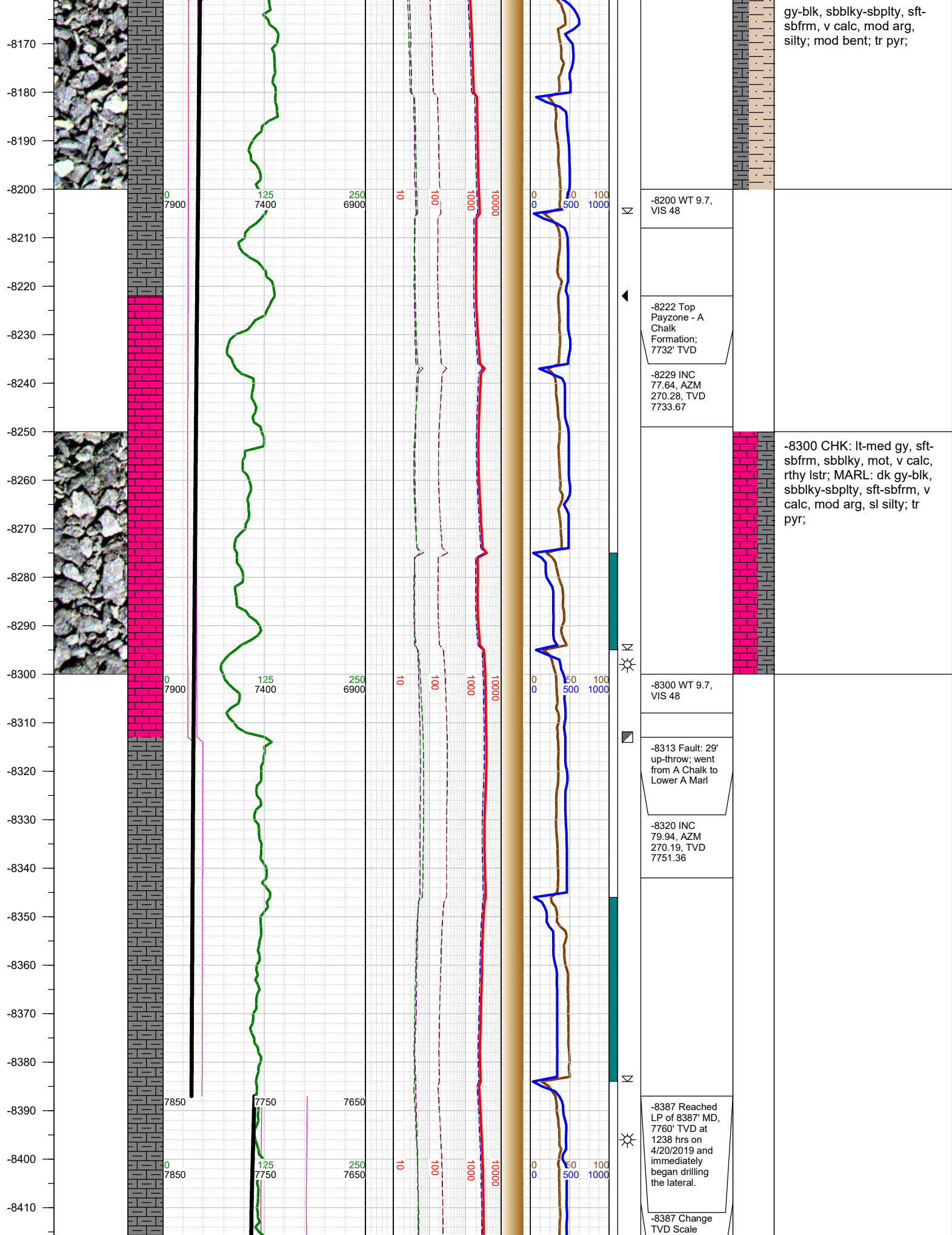




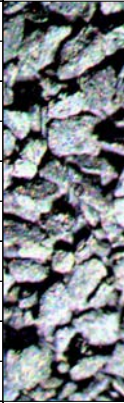








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-8409 INC
85.59, AZM
269.31, TVD
7762.56

-8440 WT 9.7,
VIS 48

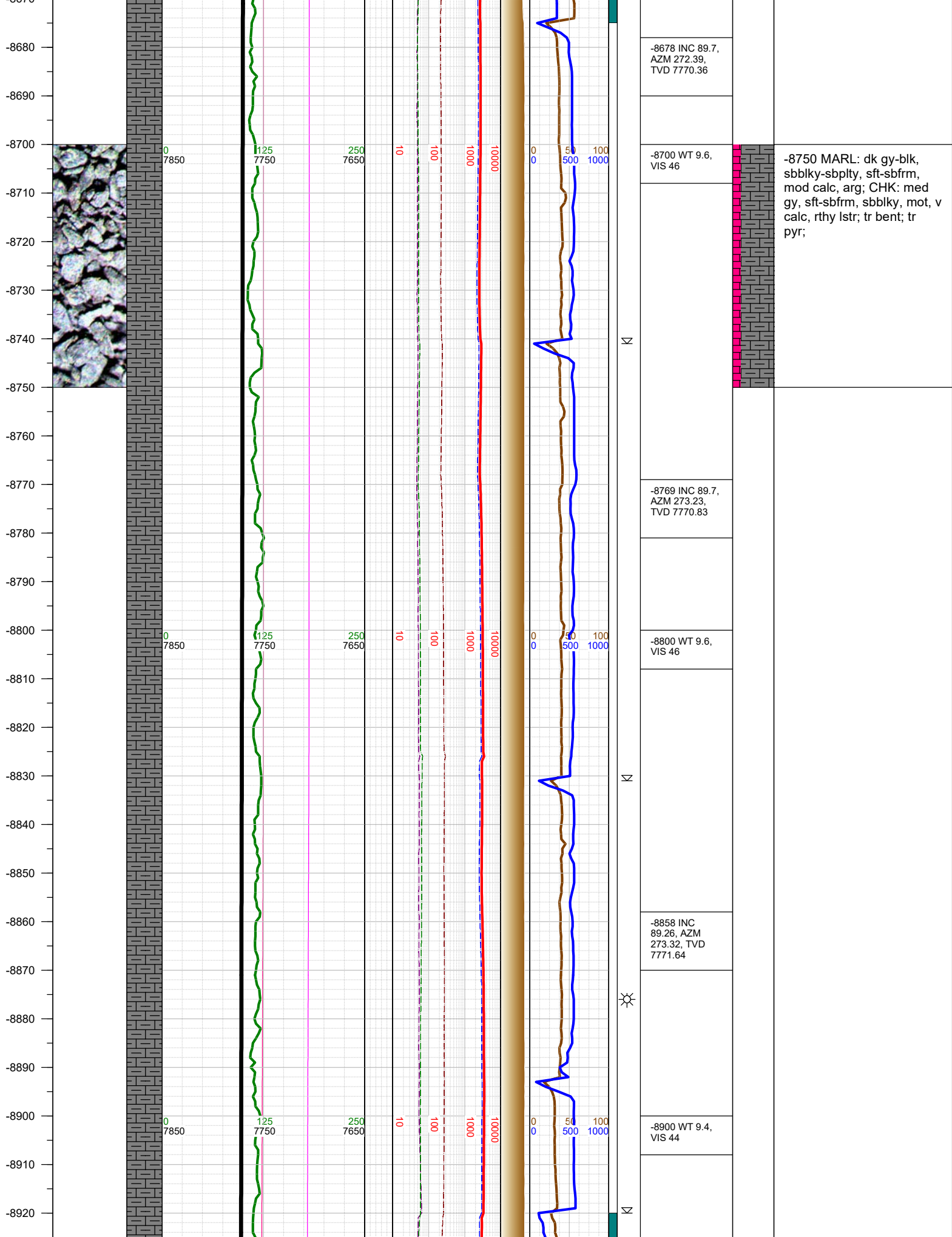
-8500 MARL: dk gy-blk,
sbbkly-sbpity, sft-sbfrm,
mod calc, arg; CHK: med
gy, sft-sbfrm, sbbkly, mot, v
calc, rthy lstr; tr bent; tr
pyr;

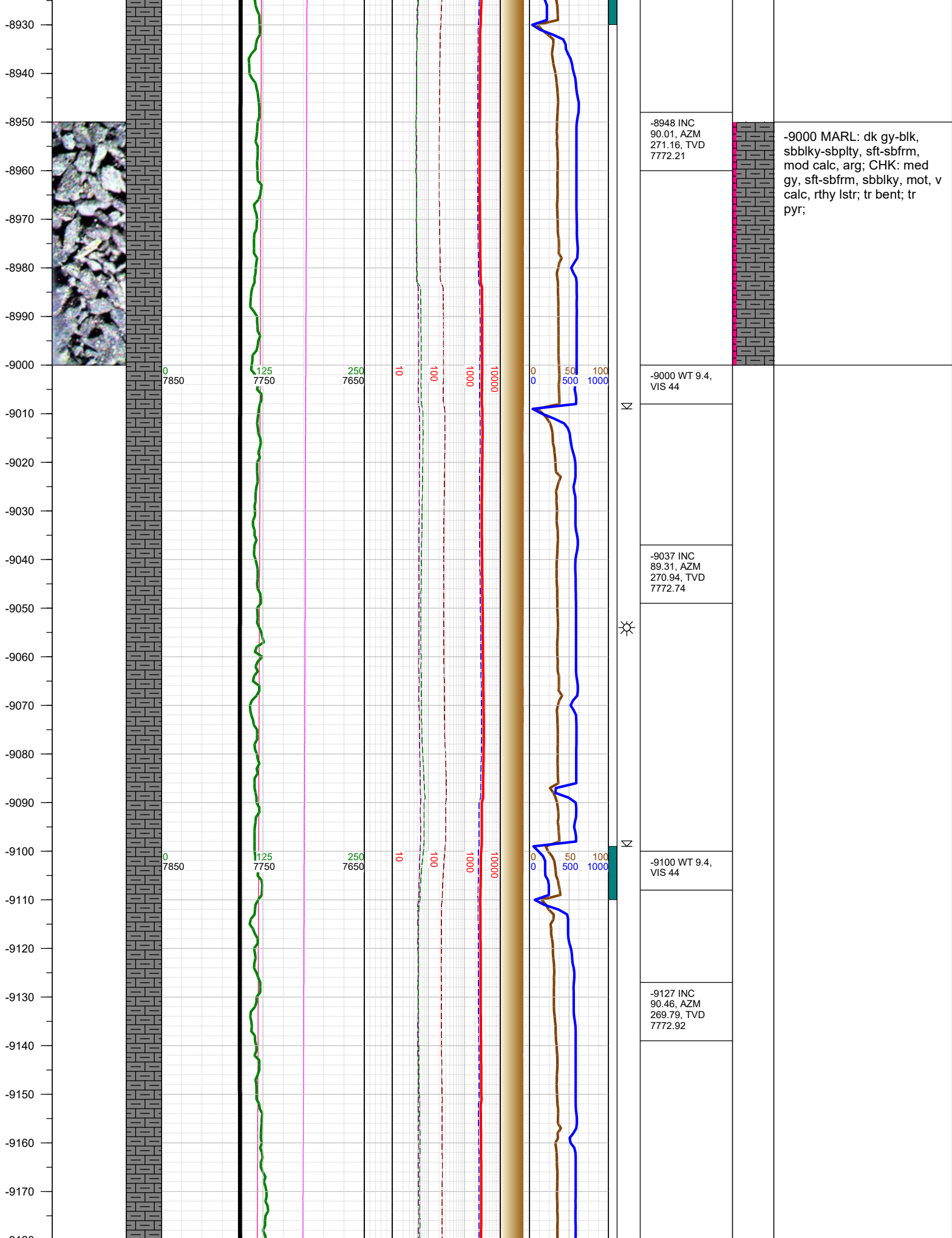
-8499 INC 89,
AZM 268.87,
TVD 7766.81

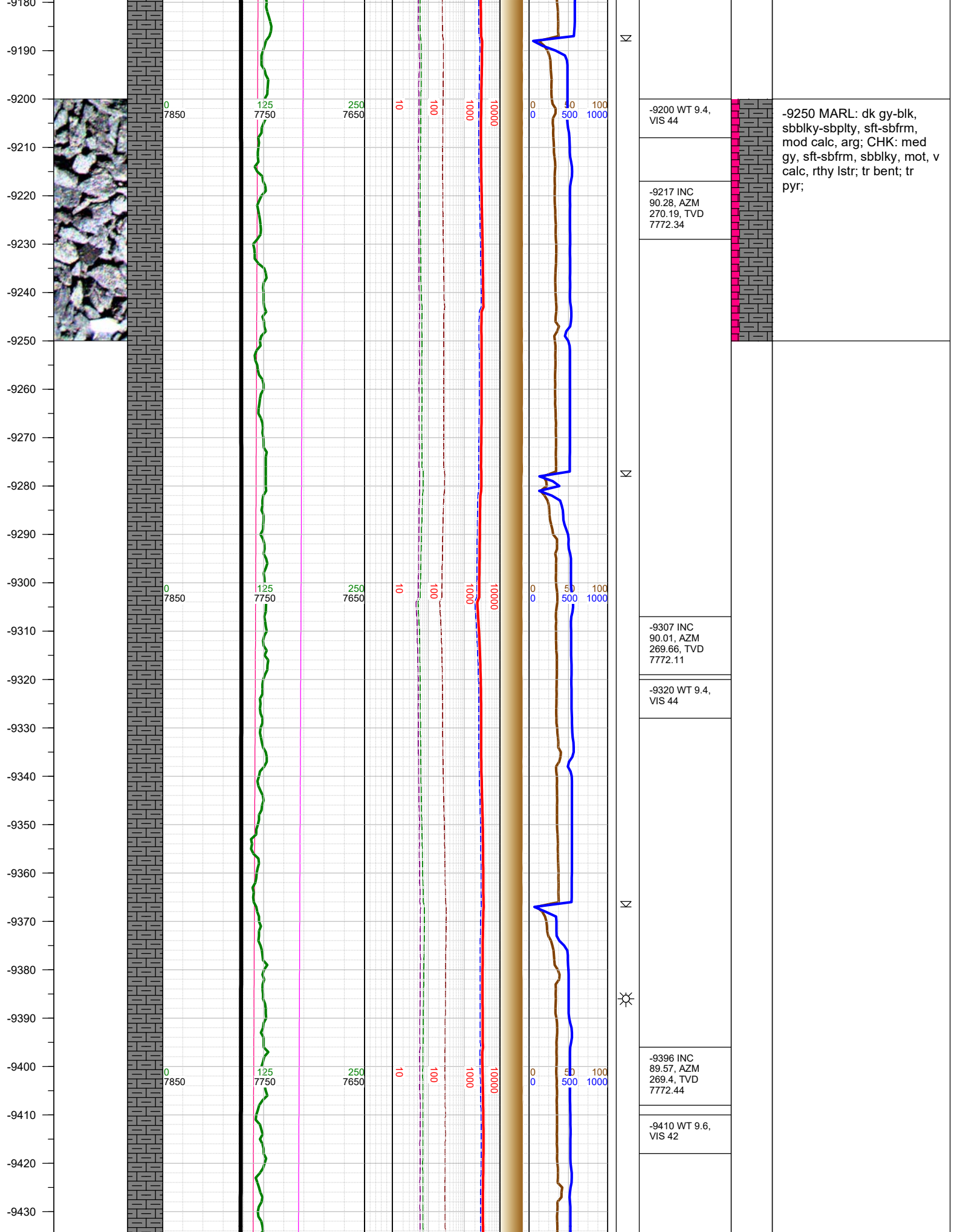
-8520 WT 9.7,
VIS 48

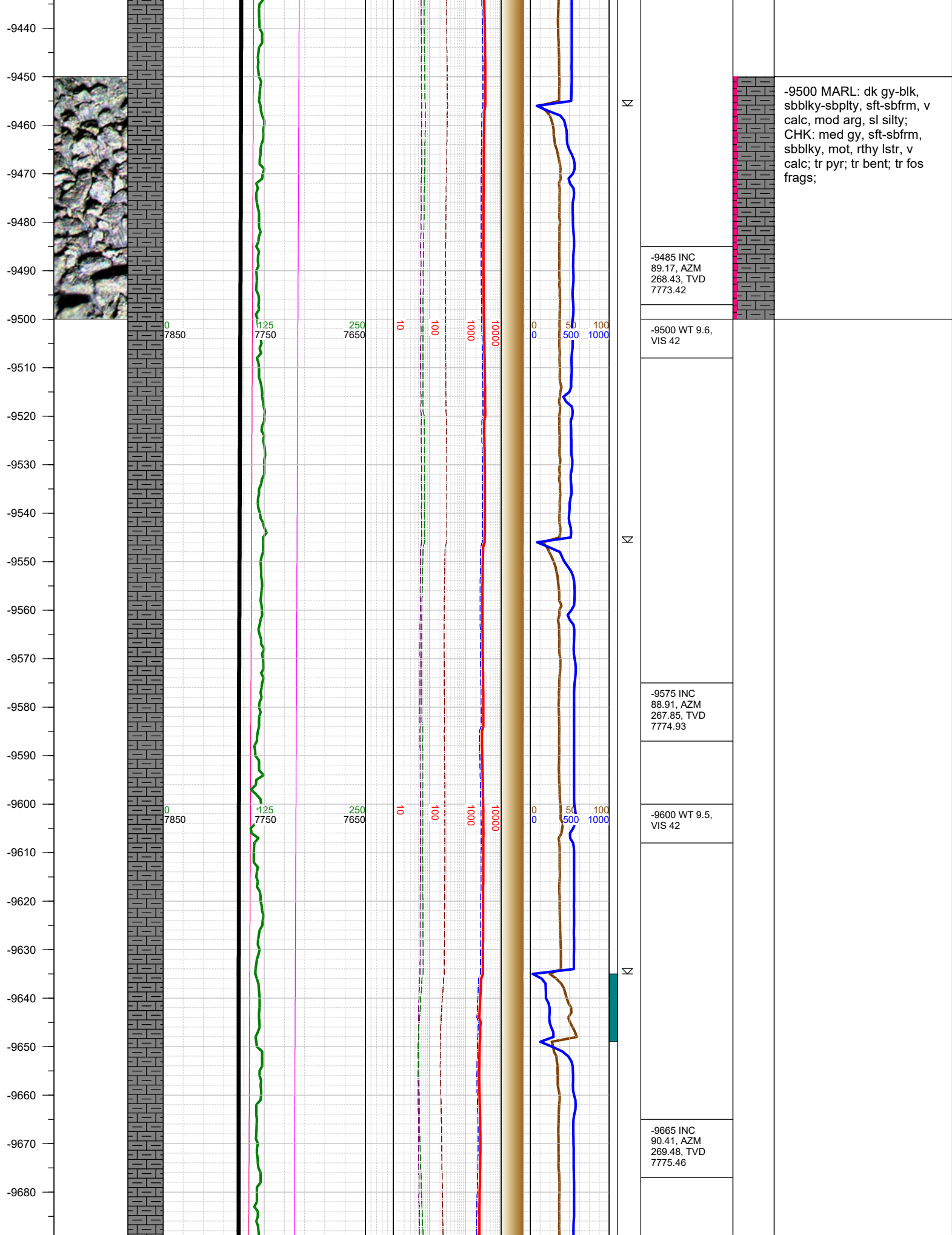
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88.38, AZM
268.87, TVD
7768.87

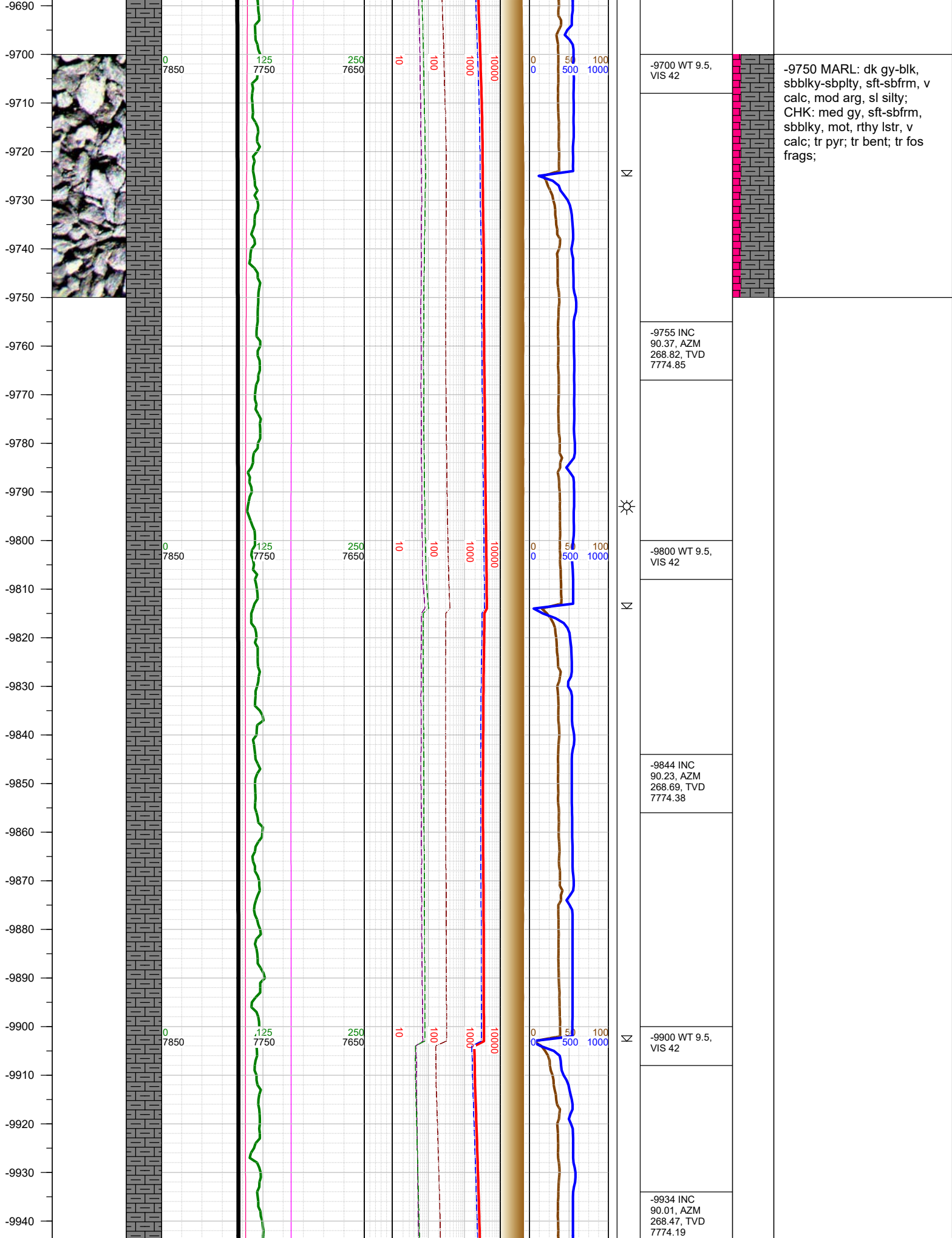
-8610 WT 9.7,
VIS 48

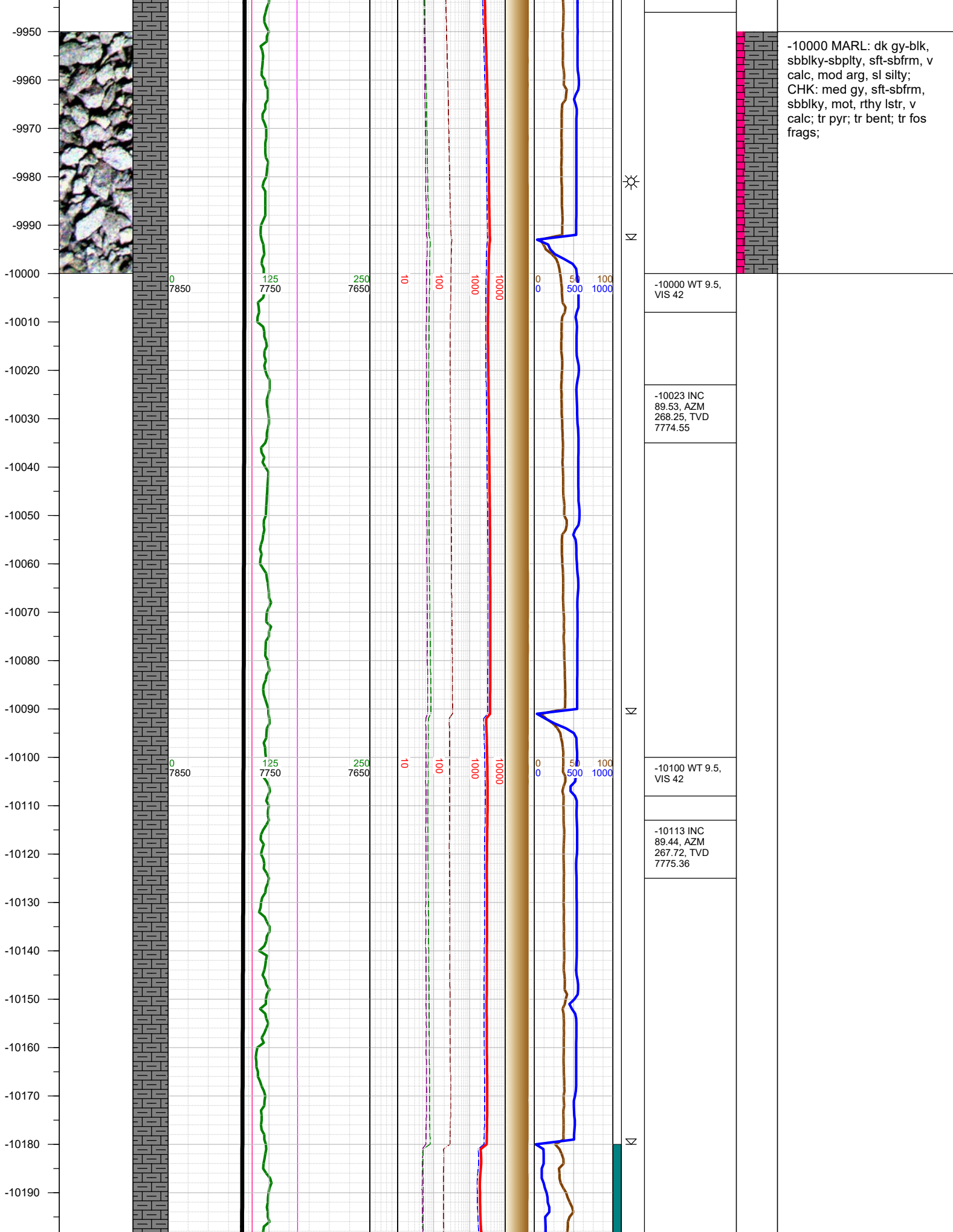


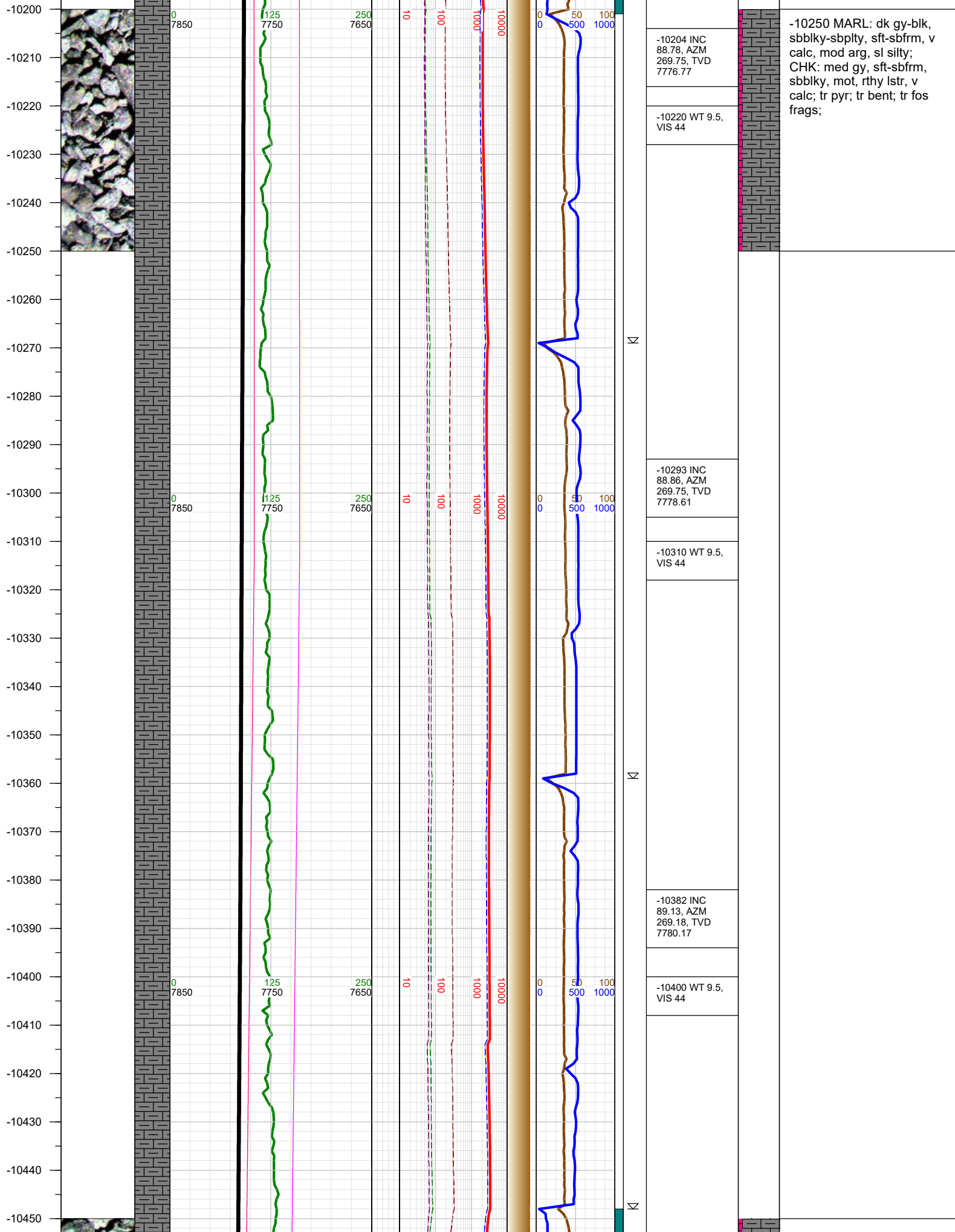


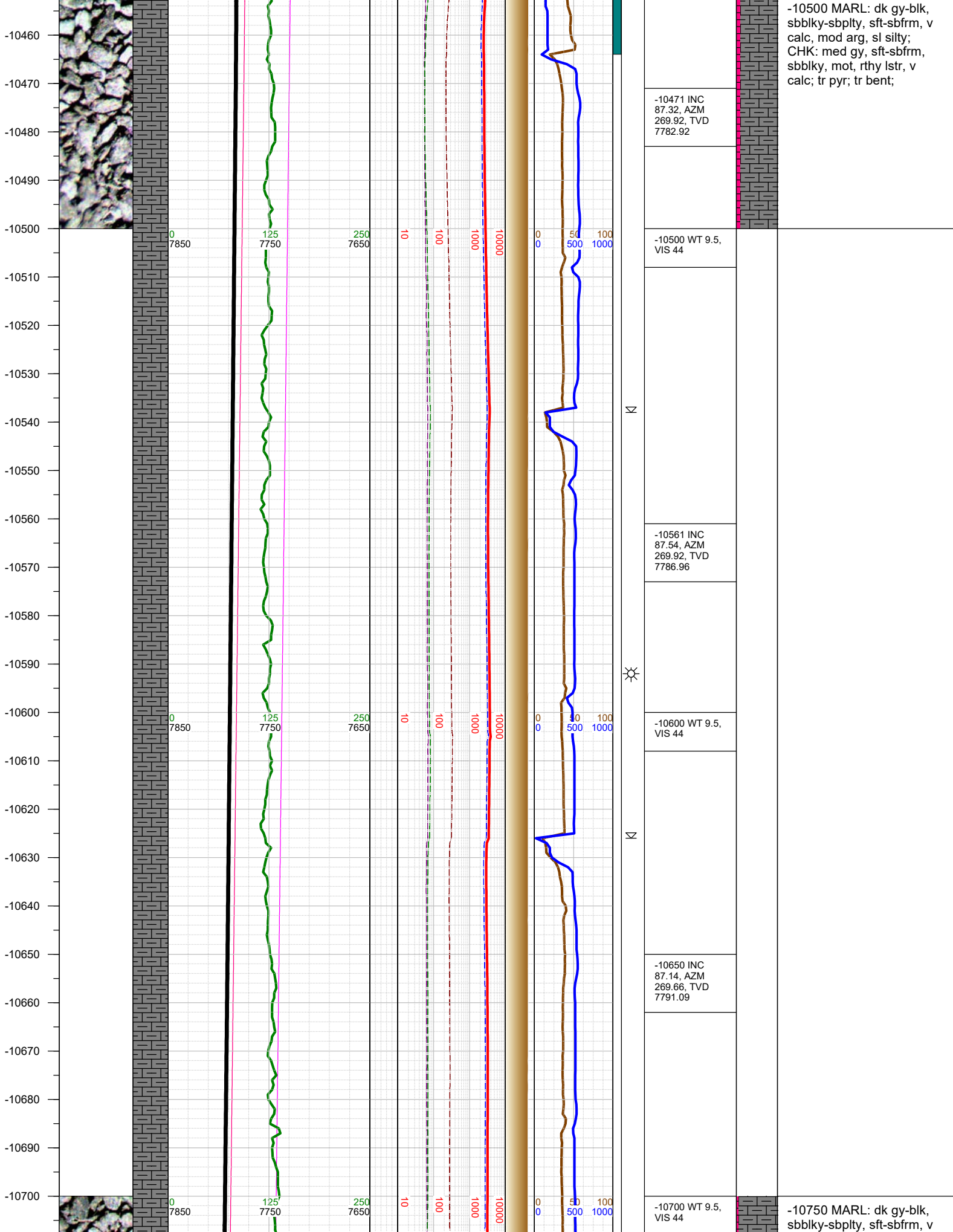


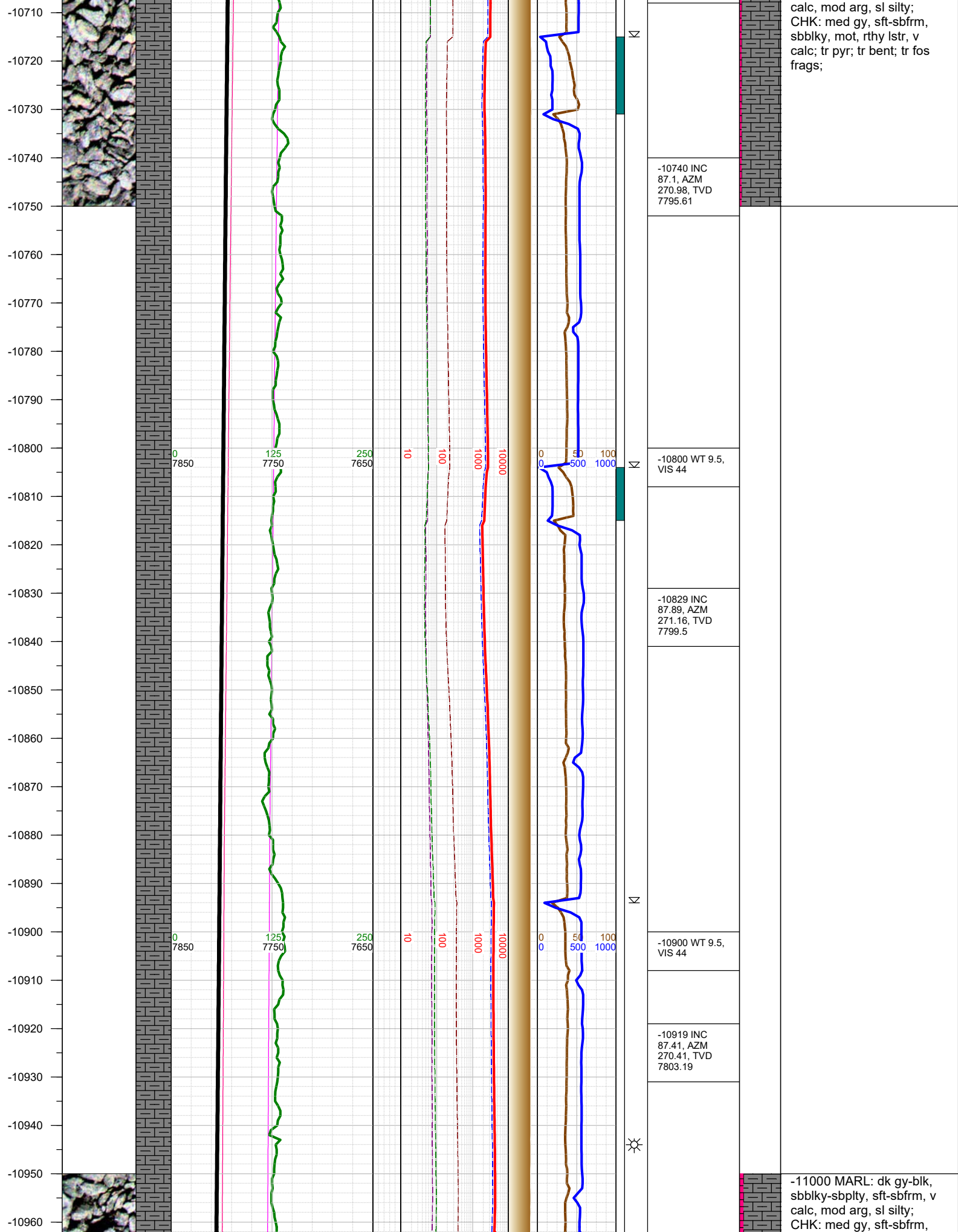


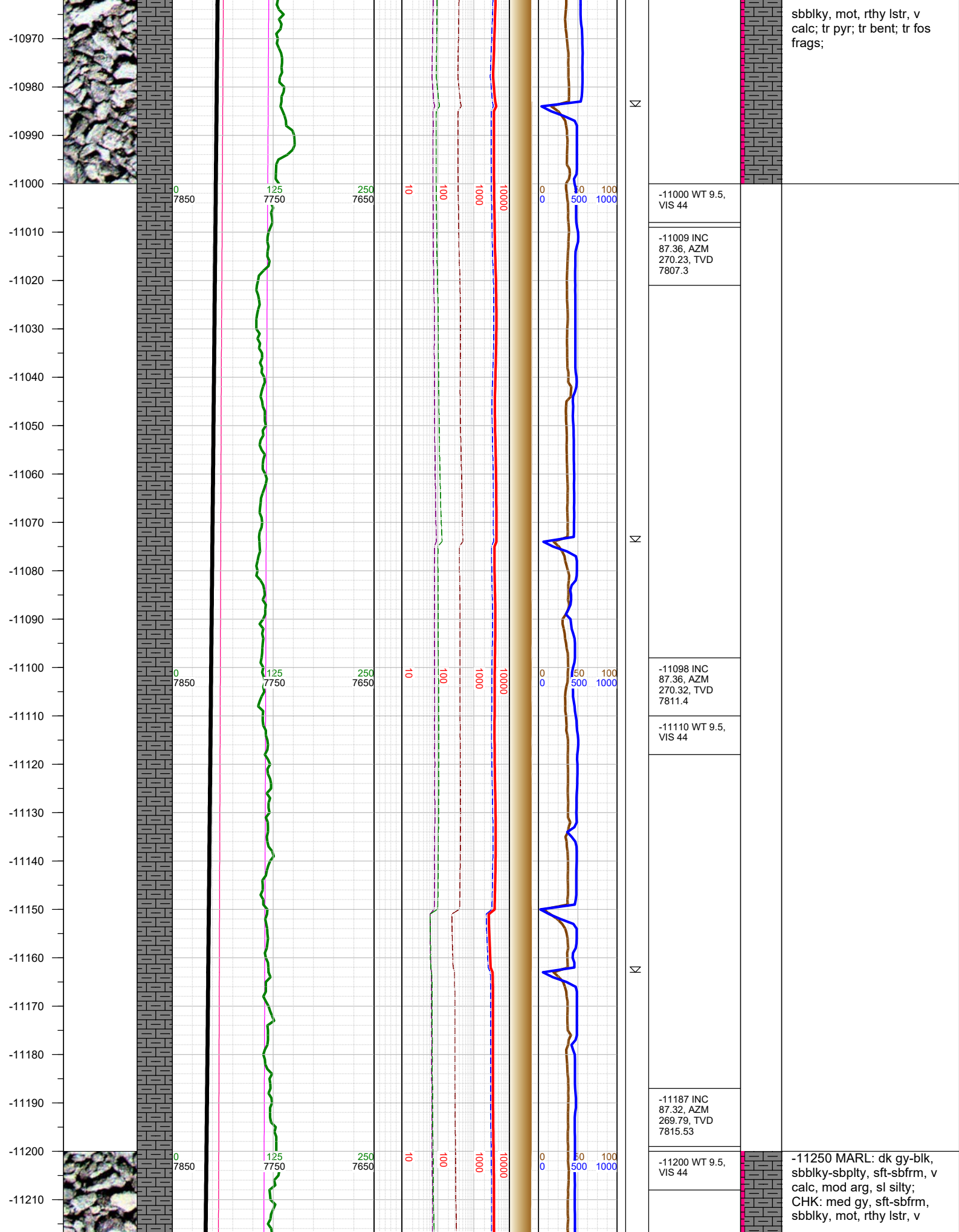




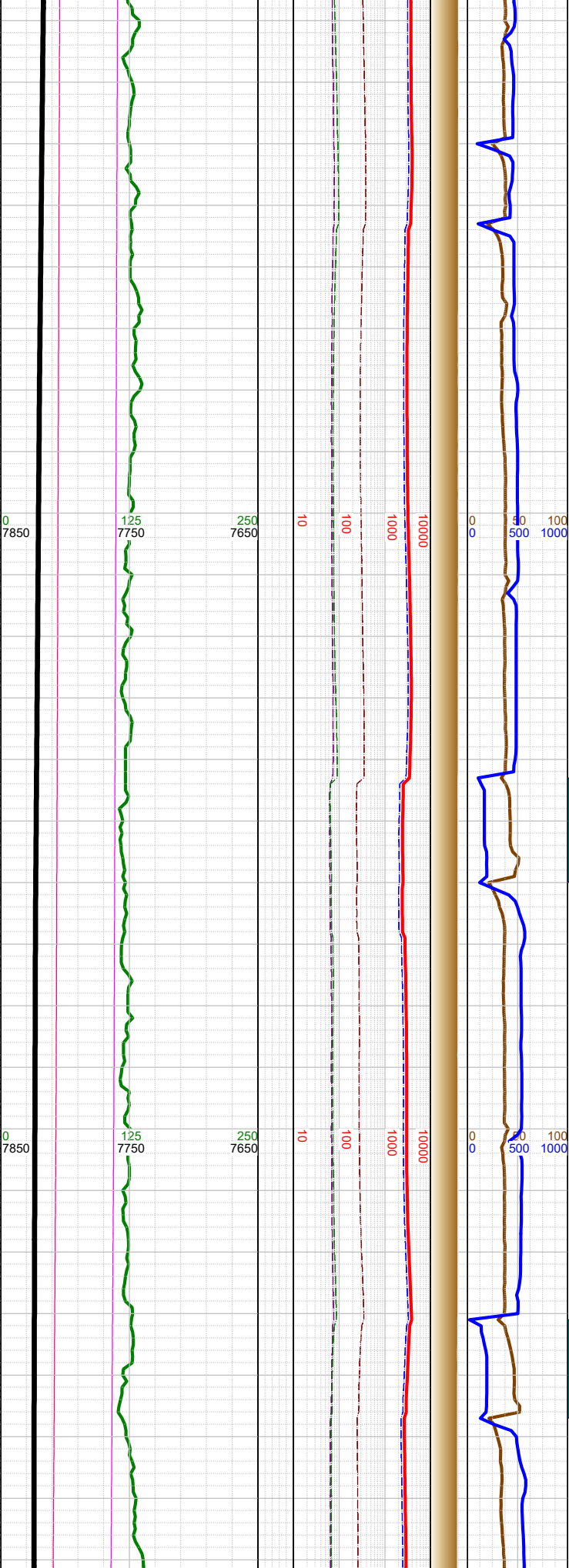
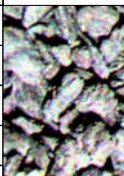
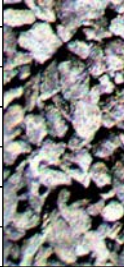








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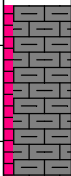
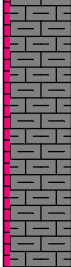
-11276 INC
87.1, AZM
269.13, TVD
7819.86

-11300 WT 9.5,
VIS 44

-11366 INC
88.78, AZM
269.13, TVD
7823.1

-11400 WT 9.5,
VIS 44

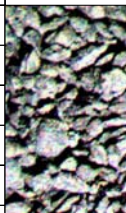
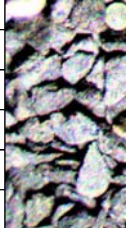
-11455 INC
89.7, AZM
270.81, TVD
7824.28



calc; tr pyr; tr bent; tr fos
frags;

-11500 MARL: dk gy-blk,
sbbkly-sbplty, sft-sbfrm, v
calc, mod arg, sl silty;
CHK: med gy, sft-sbfrm,
sbbkly, mot, rthy lstr, v
calc; tr pyr; tr bent; tr fos
frags;

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-11500 WT 9.6,
VIS 44

-11517 0000 hrs
on 4/21/2019

-11545 INC
90.15, AZM
271.29, TVD
7824.39

-11600 WT 9.6,
VIS 44

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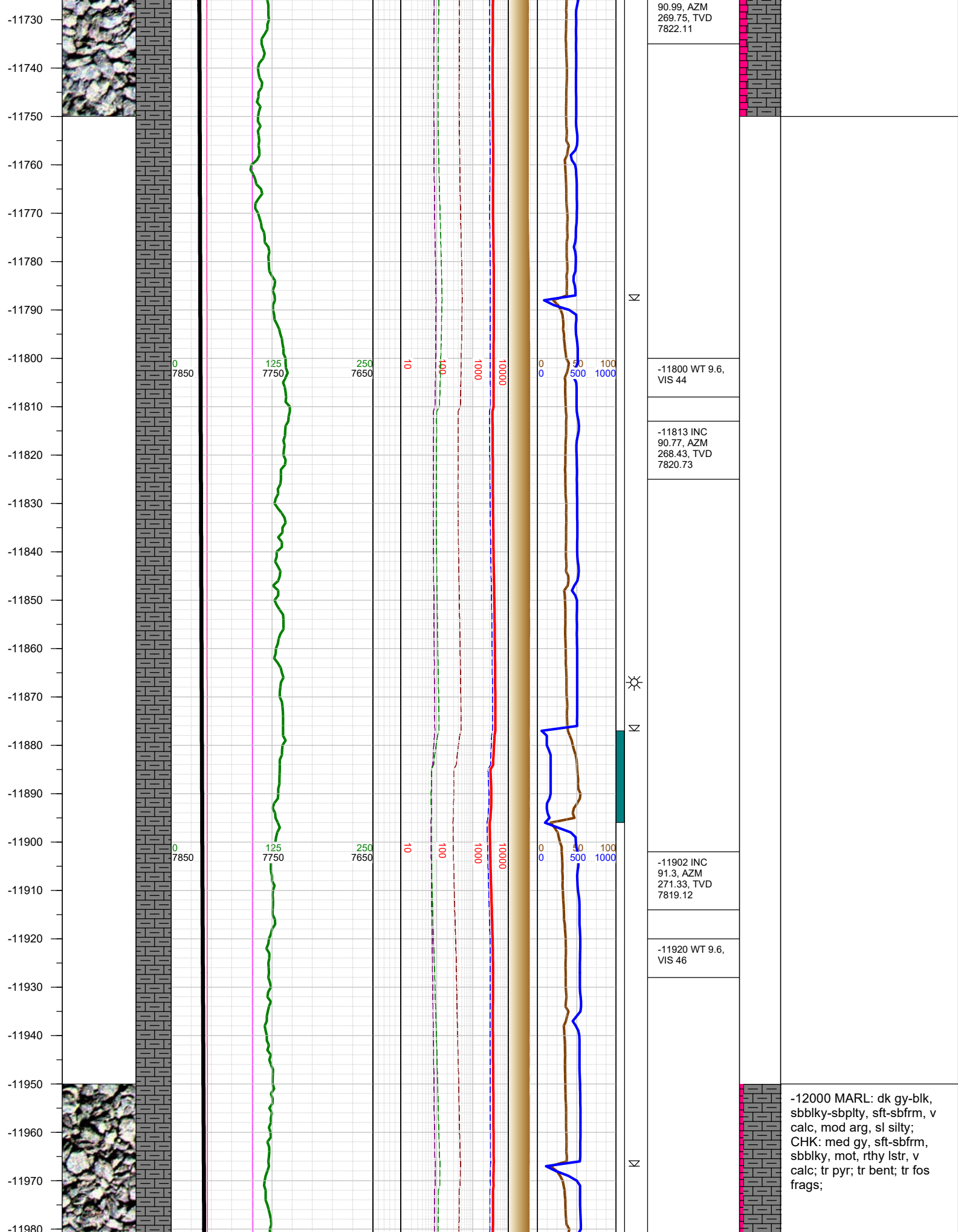
-11634 INC
90.9, AZM
269.88, TVD
7823.58

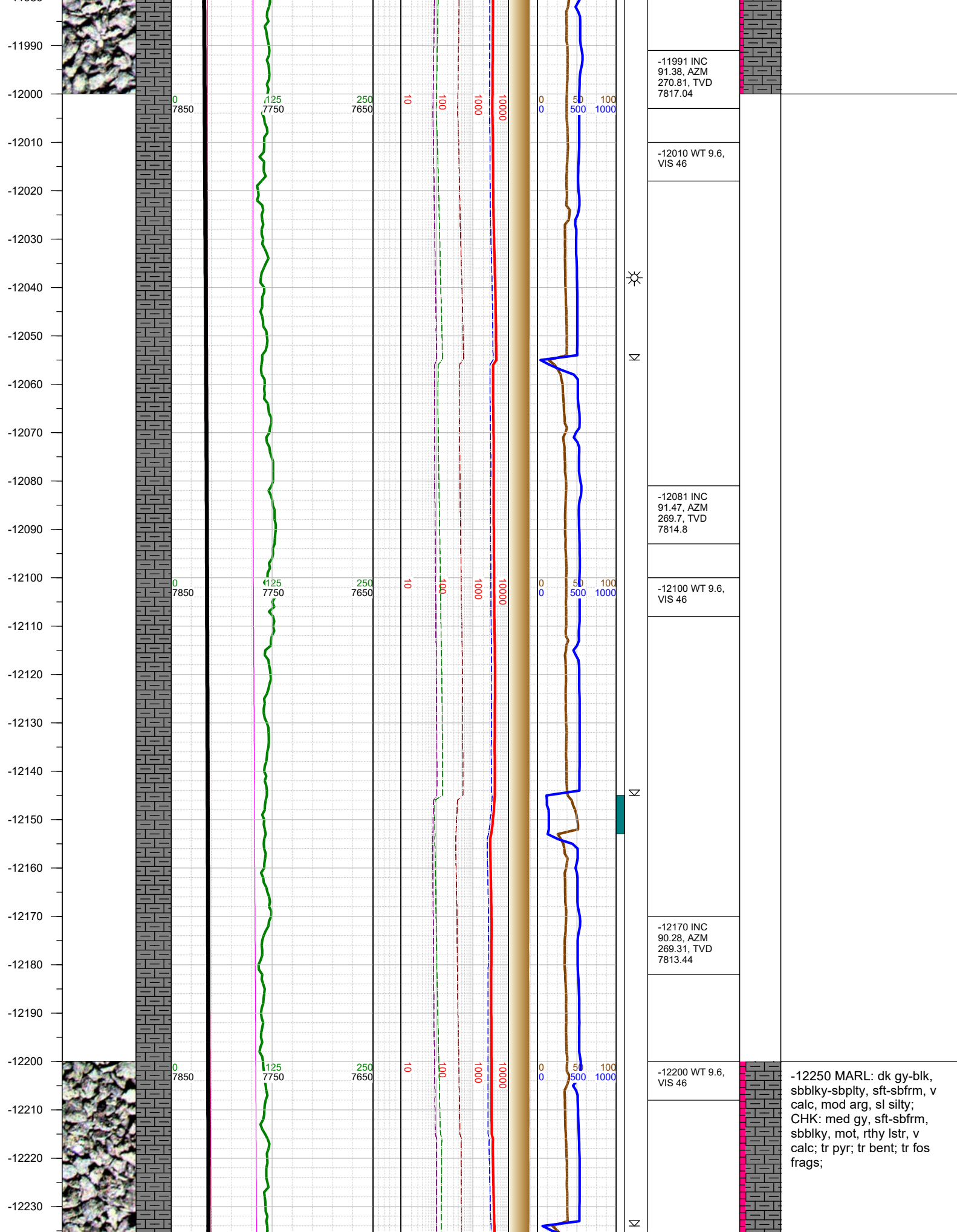
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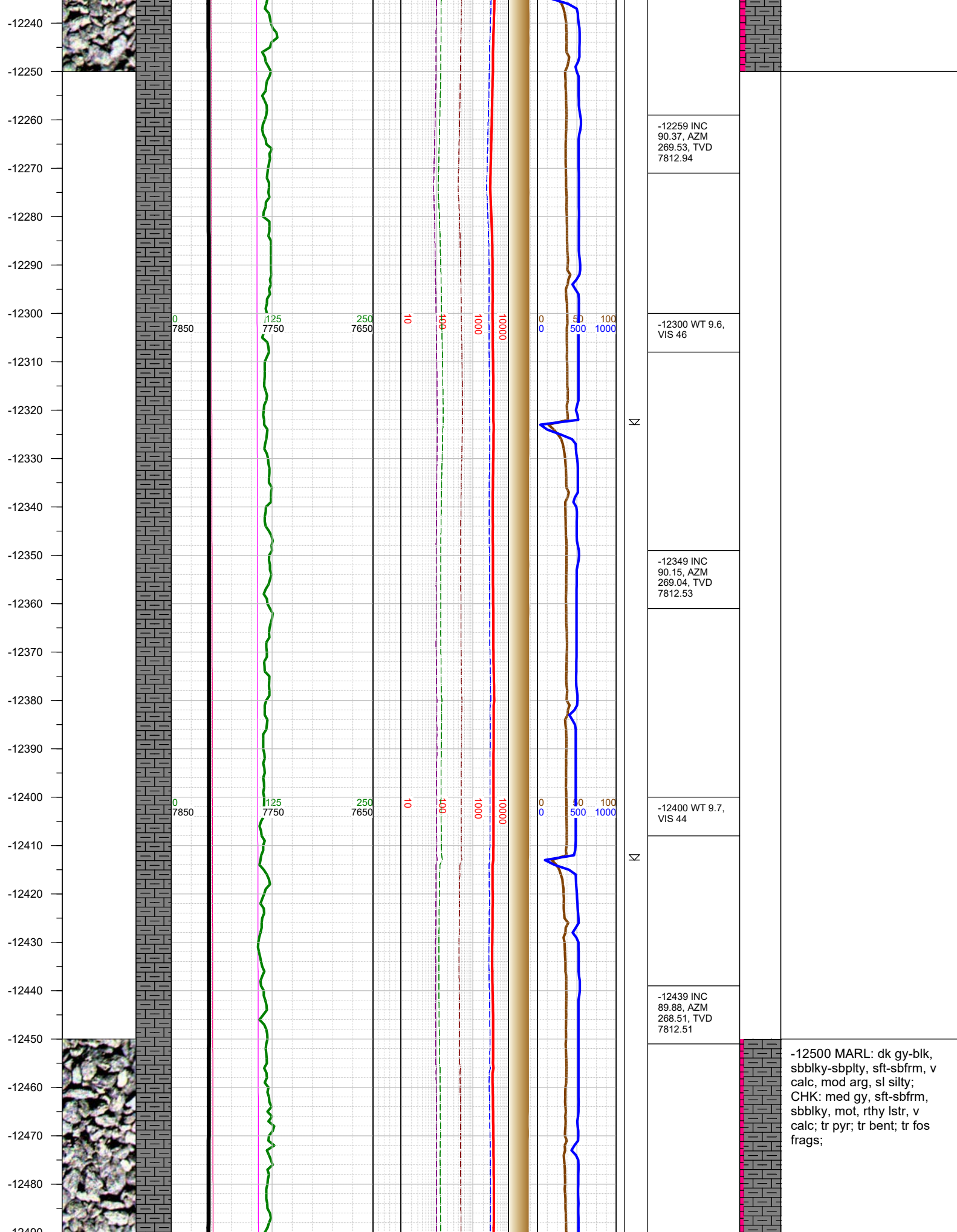
-11700 WT 9.6,
VIS 44

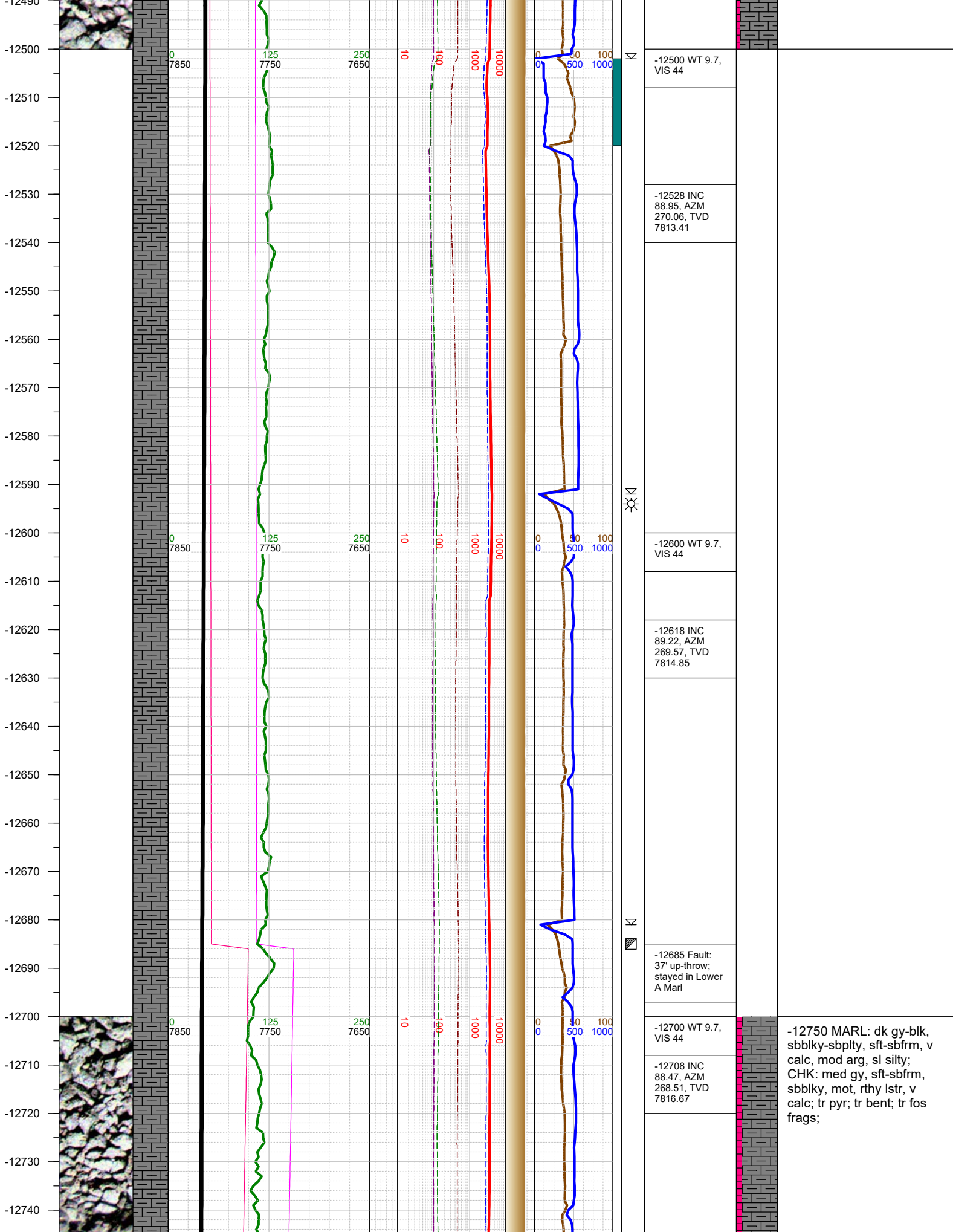
-11723 INC

-11750 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; tr fos
frags;









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-12797 INC
90.15, AZM
270.23, TVD
7817.74

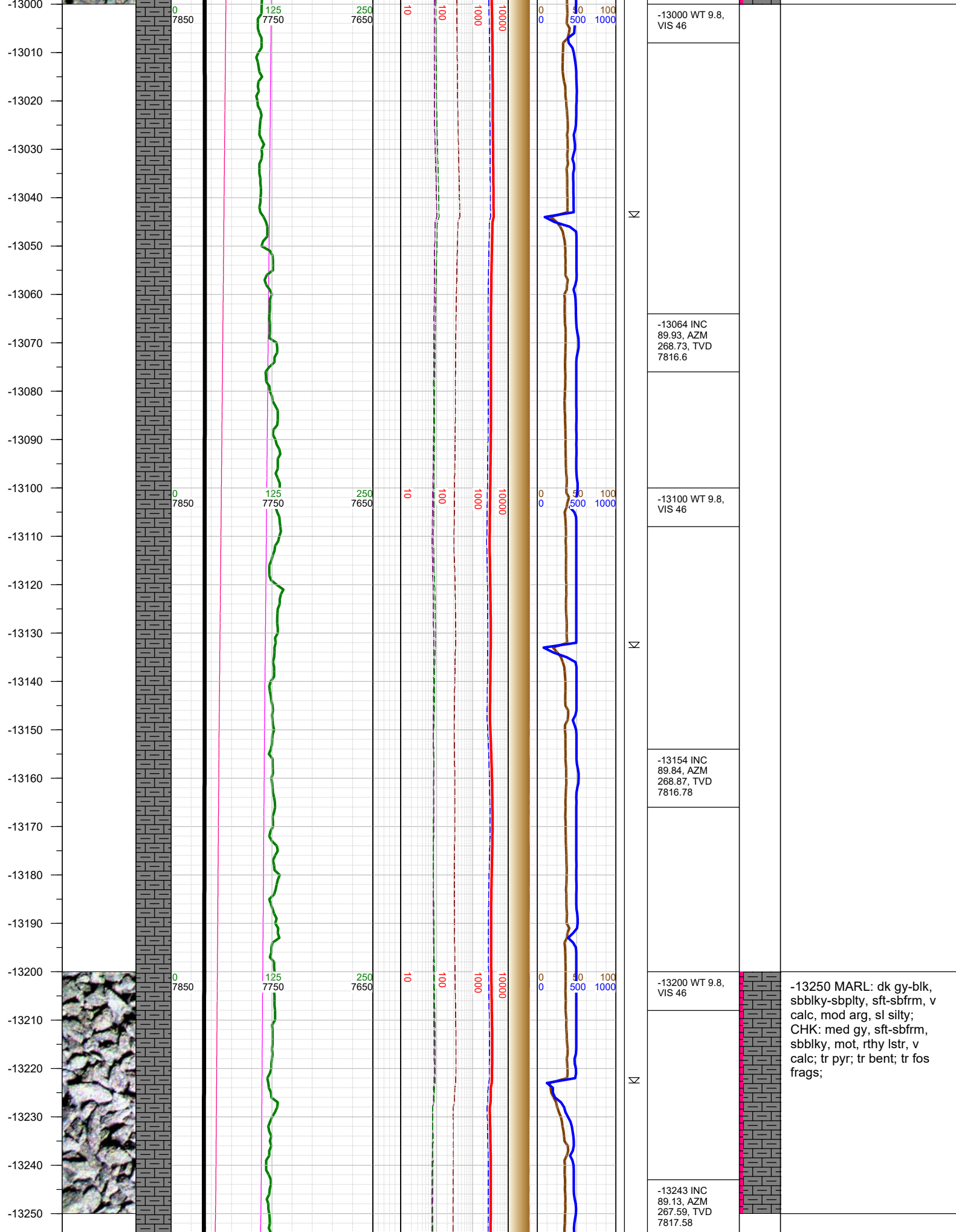
-12810 WT 9.7,
VIS 45

-12886 INC
90.5, AZM
270.63, TVD
7817.23

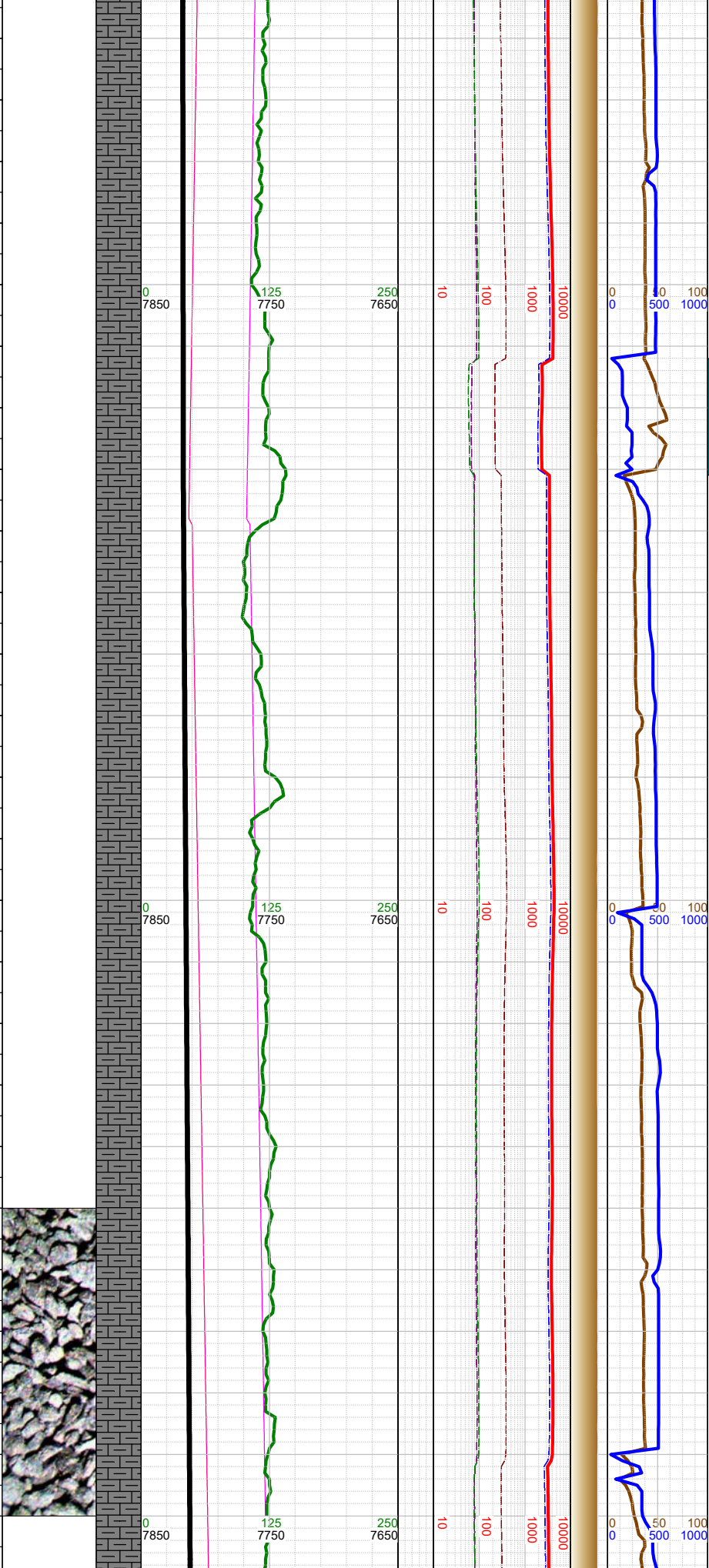
-12900 WT 9.7,
VIS 45

-12975 INC
90.19, AZM
269.18, TVD
7816.7

-13000 MARL: dk gy-blk,
sbbkly-sbpity, sft-sbfrm, v
calc, mod arg, sl silty;
CHK: med gy, sft-sbfrm,
sbbkly, mot, rthy lstr, v
calc; tr pyr; tr bent; tr fos
frags;

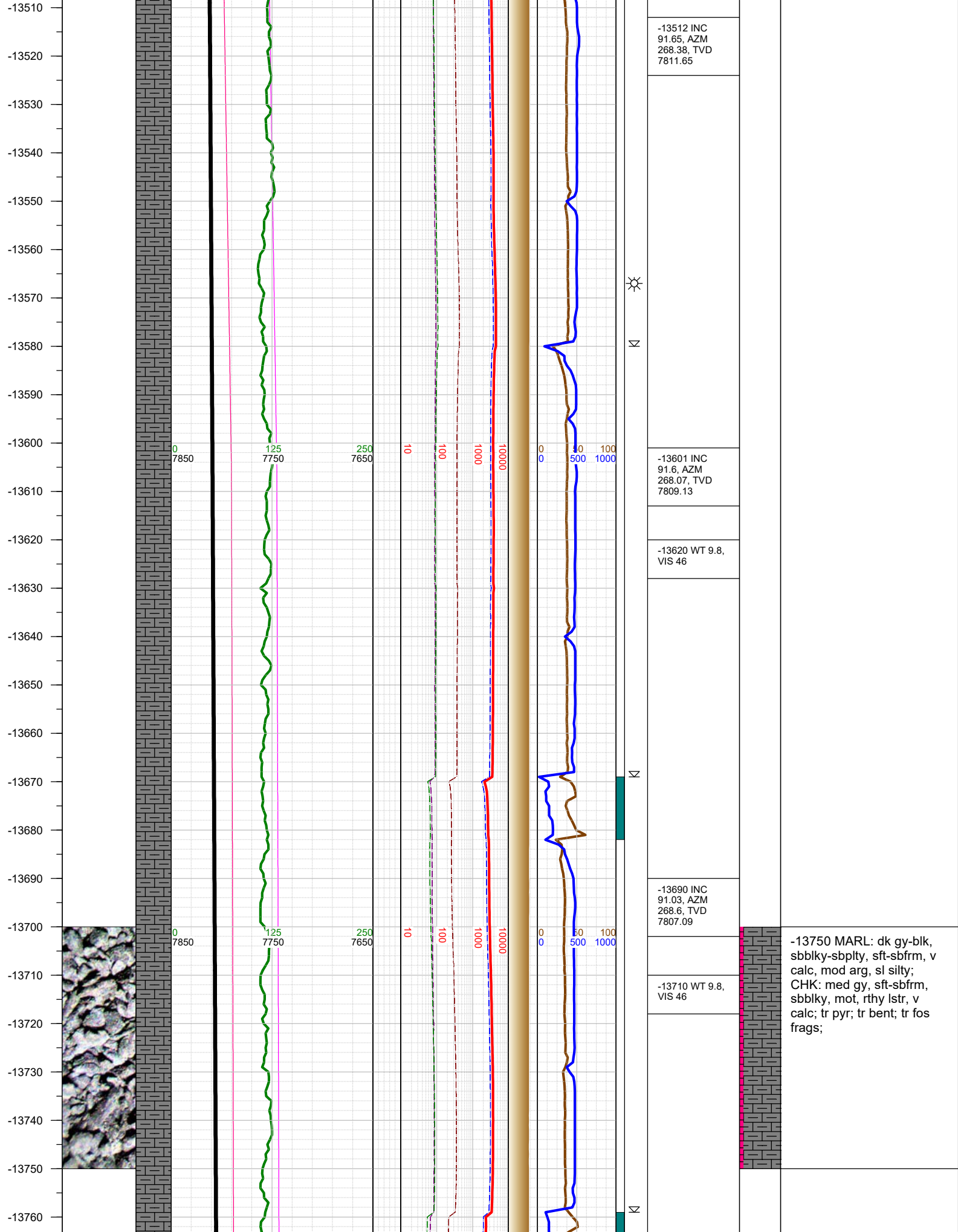


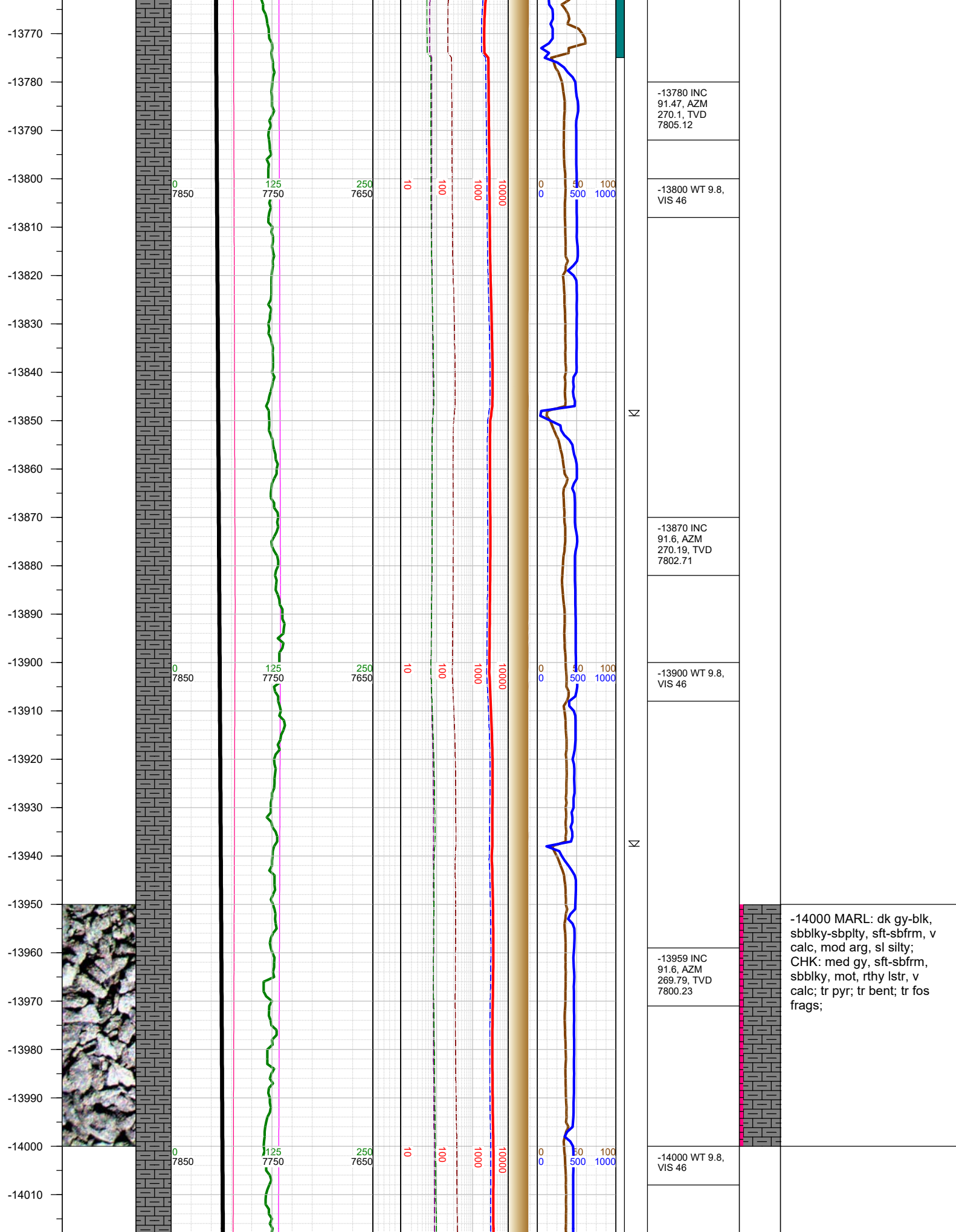
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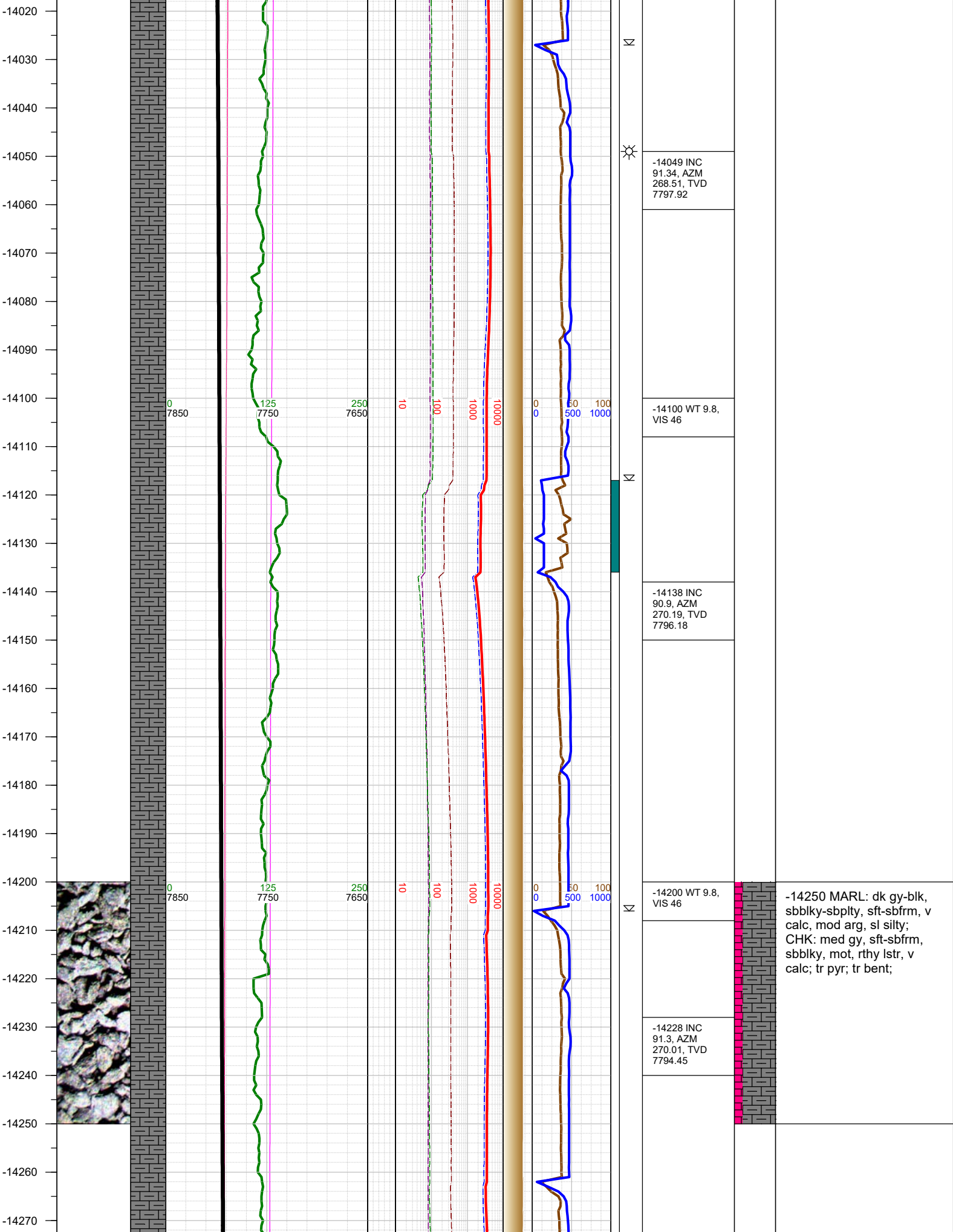


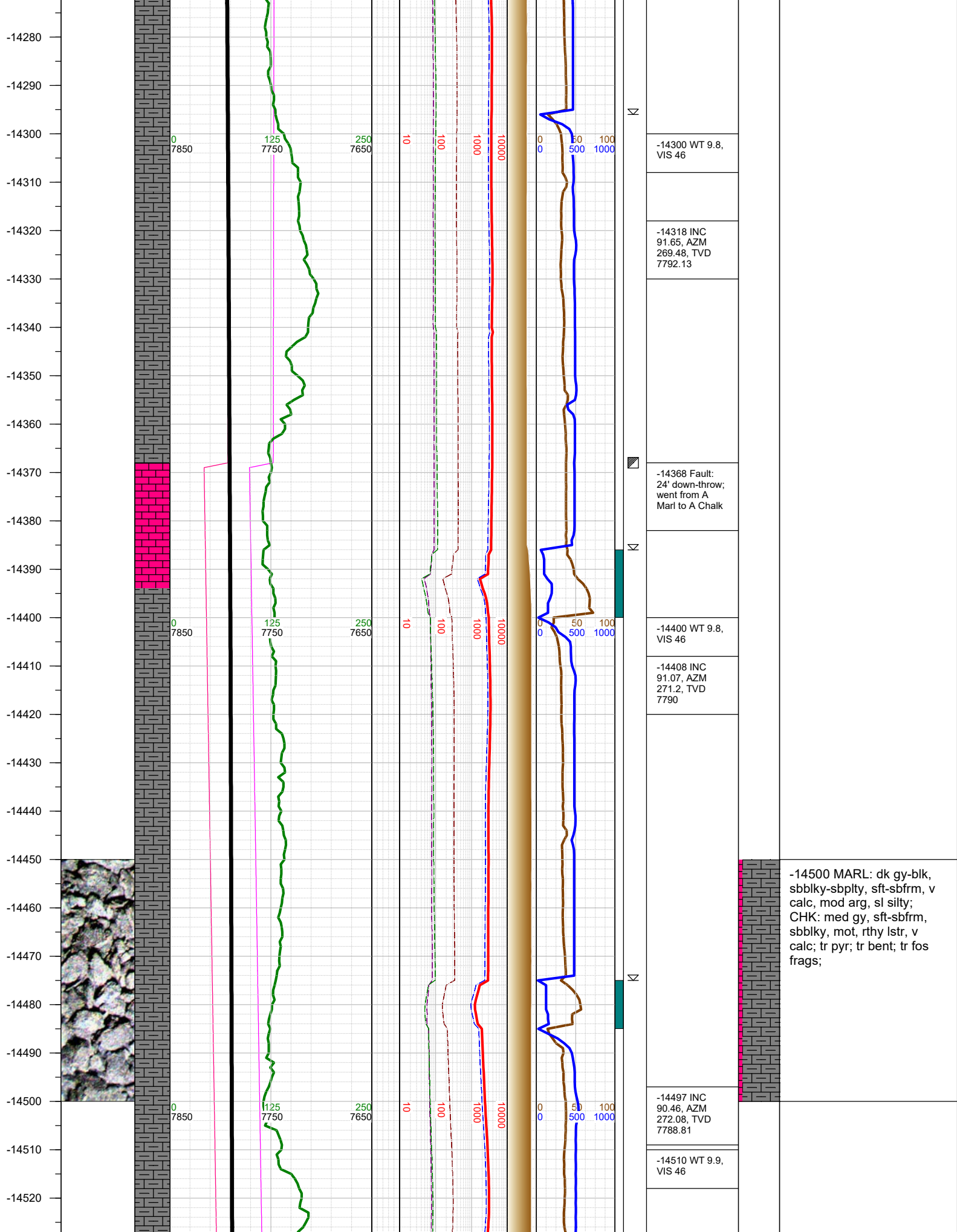
	-13300 WT 9.8, VIS 46	
	-13332 INC 91.52, AZM 269, TVD 7817.08	
	-13338 Fault: 3' up-throw; stayed in Lower A Marl	
	-13400 WT 9.8, VIS 46	
	-13422 INC 91.87, AZM 268.34, TVD 7814.42	
	-13500 WT 9.8, VIS 46	

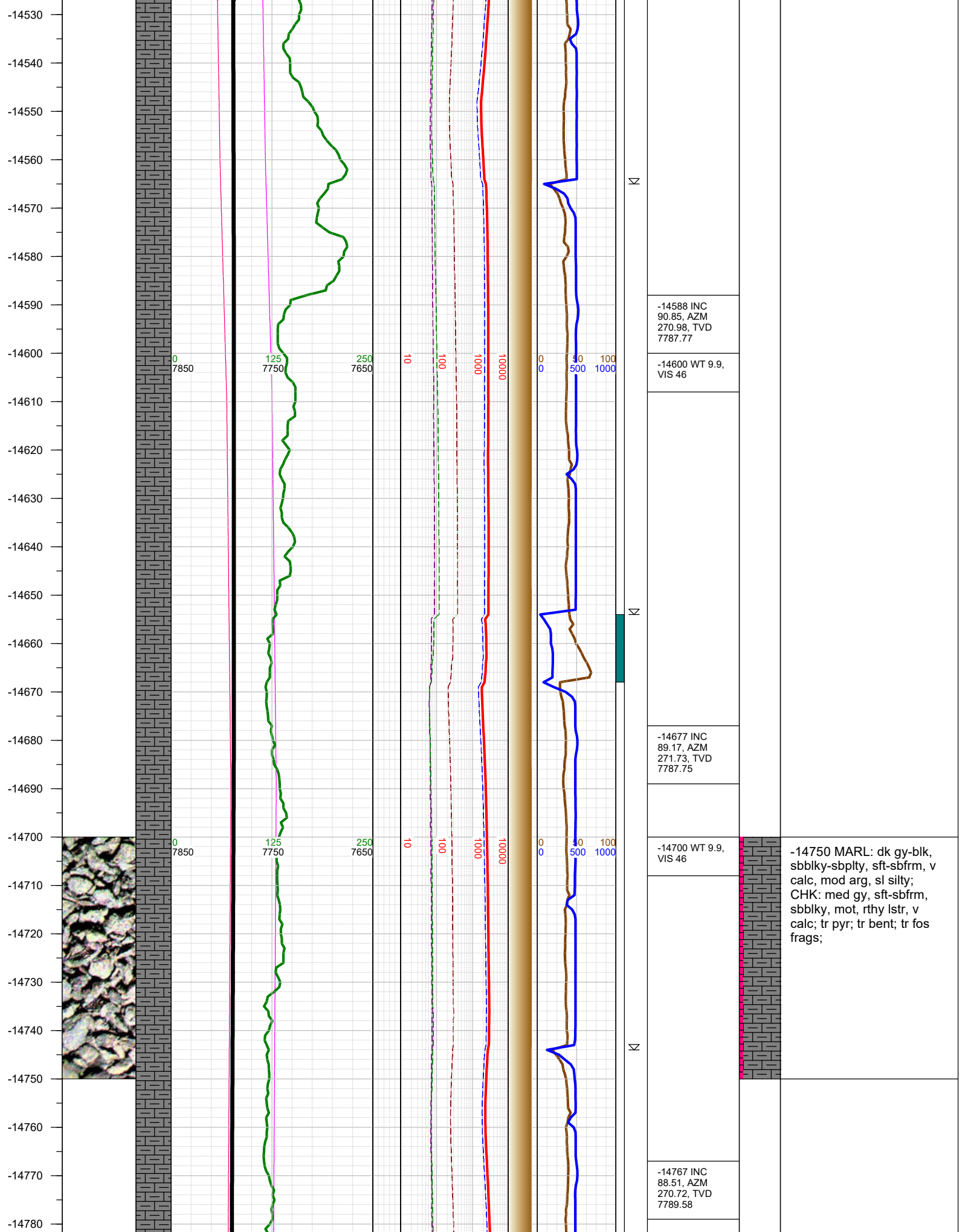
-13500 MARL: dk gy-blk,
sbbly-sbply, sft-sbfrm, v
calc, mod arg, sl silty;
CHK: med gy, sft-sbfrm,
sbbly, mot, rthy lstr, v
calc; tr pyr; tr bent; tr fos
frags;

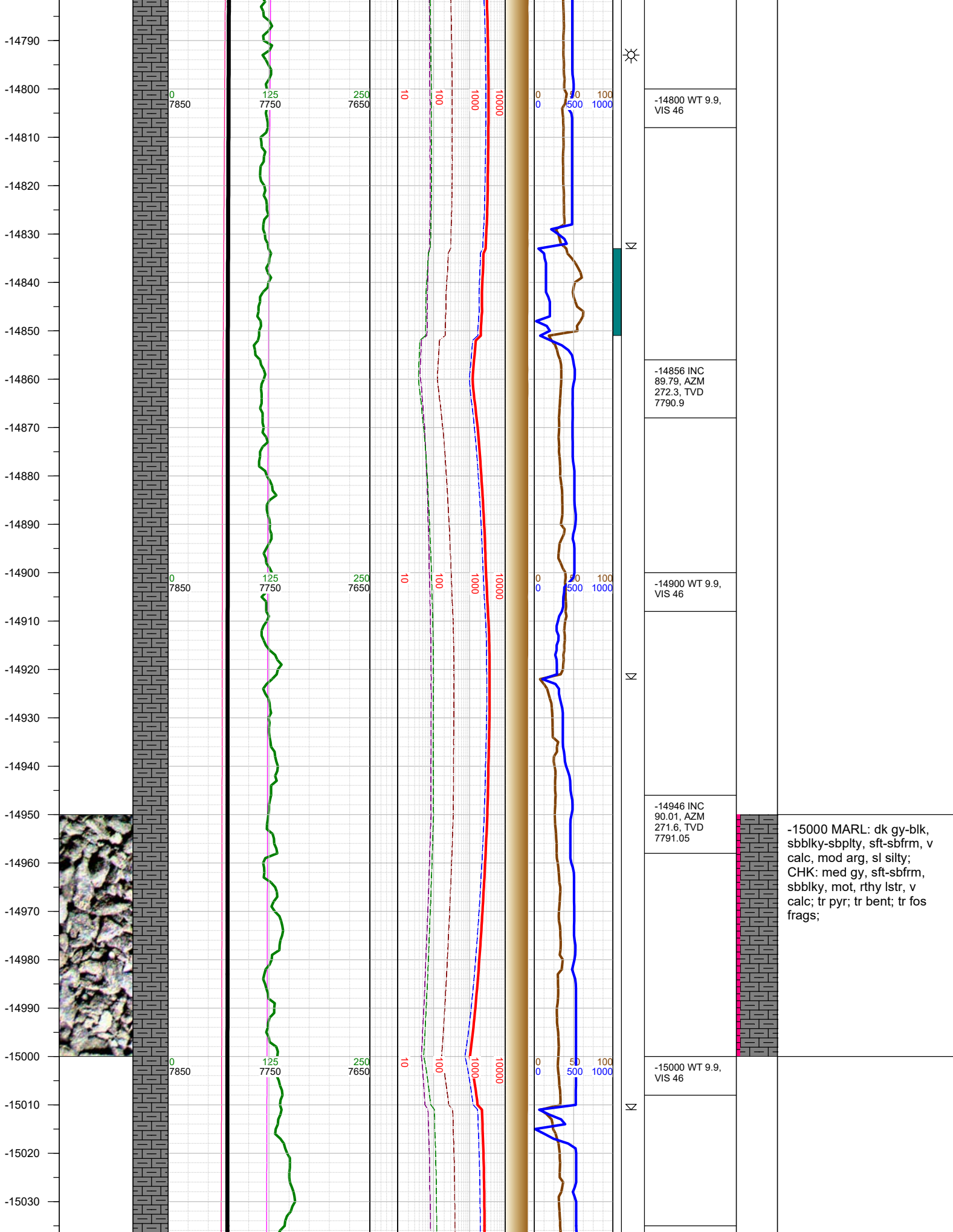


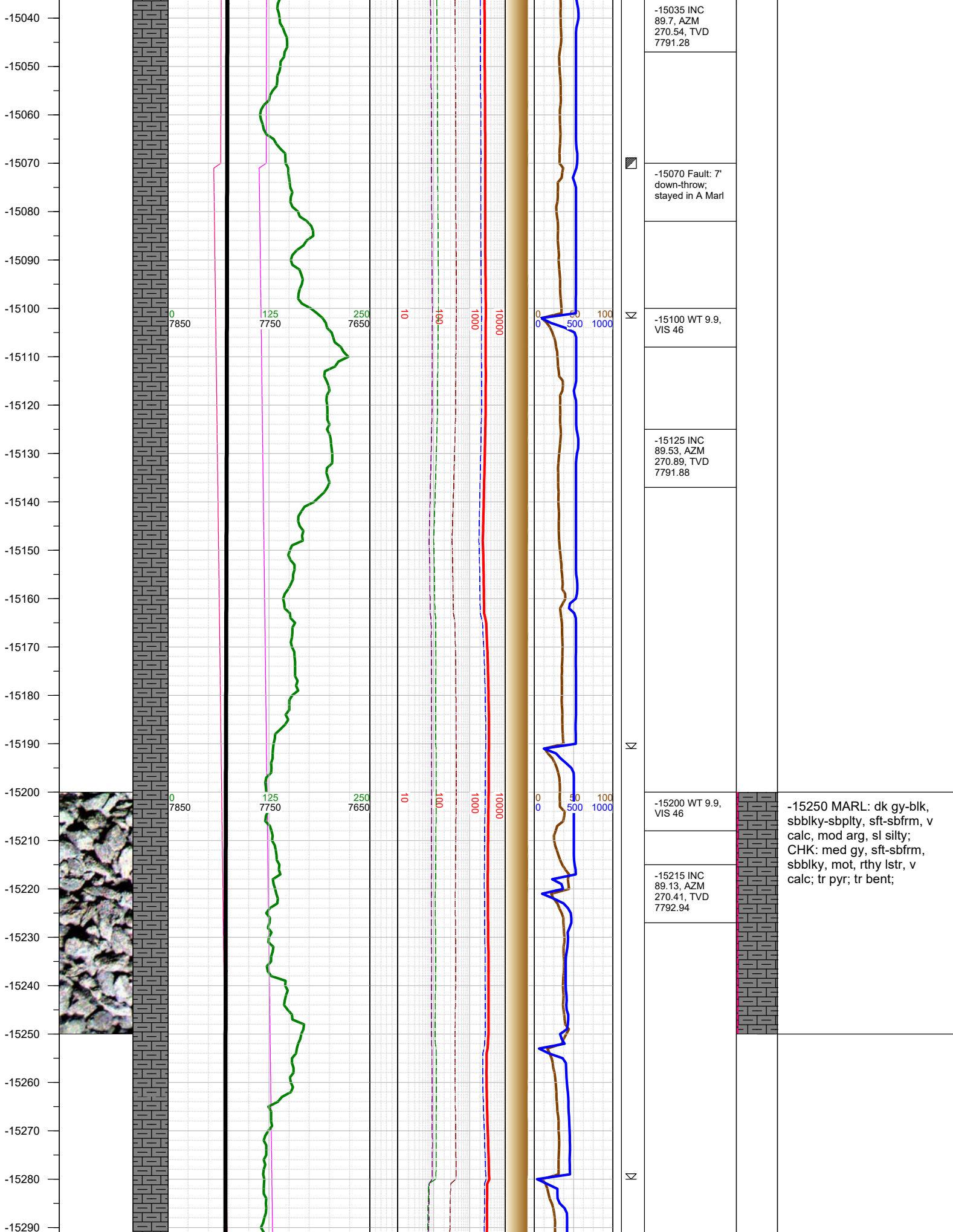


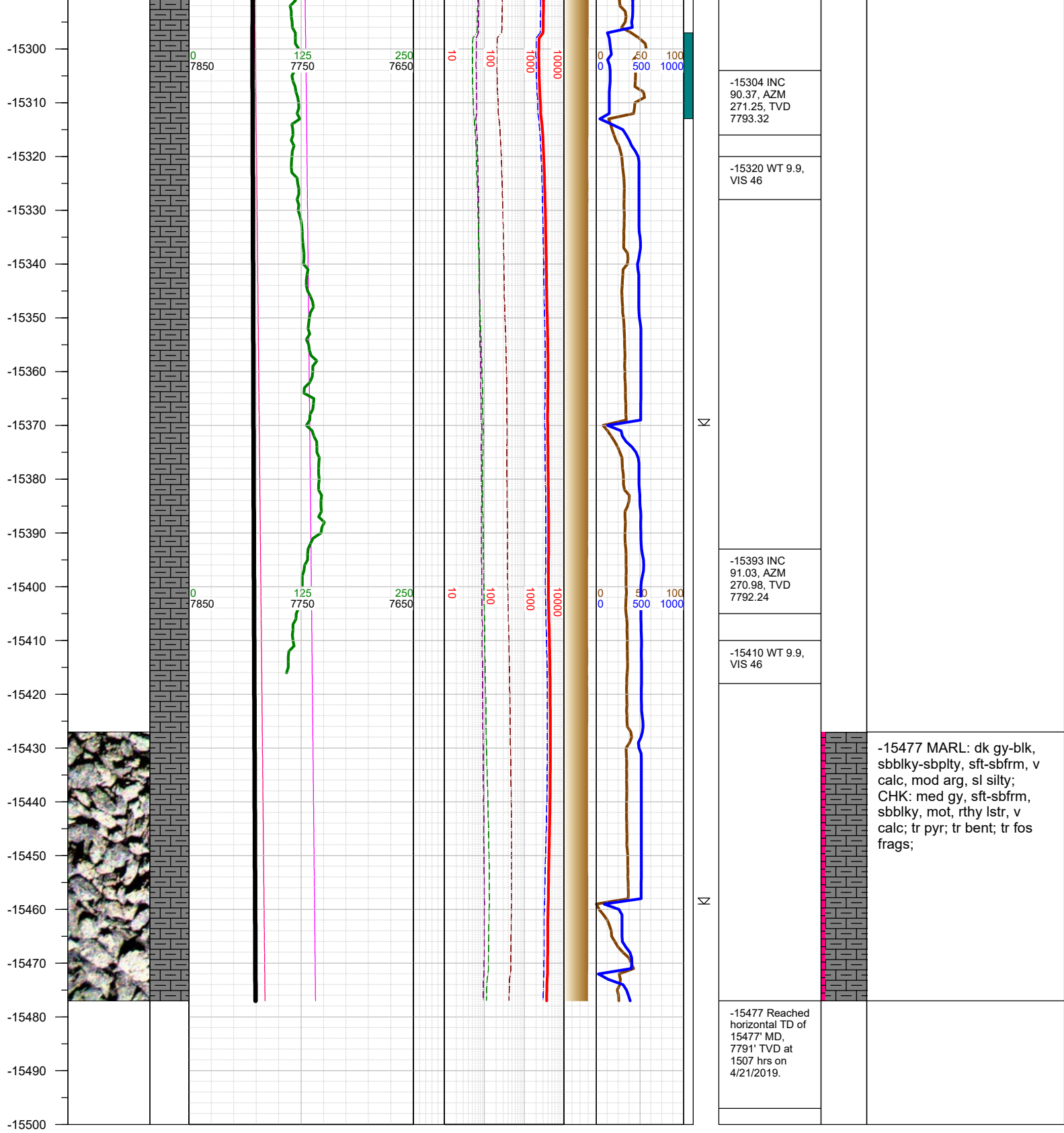












TOTAL DEPTH = 15477'

Thank you for using Earth Science Agency