

OPERATOR: **Extraction Oil & Gas**
WELL NAME: **Alma 1S-66-2524-20CDH**
FIELD NAME: DJ Basin - Wattenberg
DRILLING RIG: Cyclone 37
API #: 05-001-10027

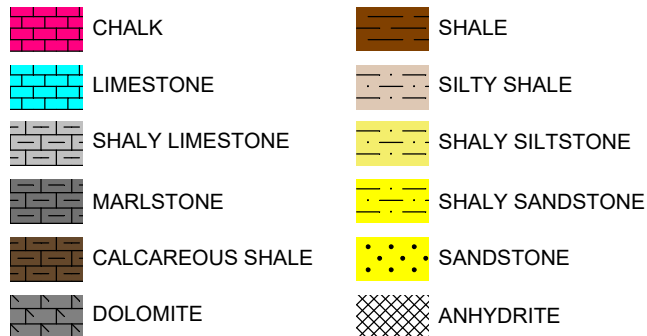
LAT/LONG: 39.9295, -104.72185
SURFACE HOLE: SWSE S25-T1S-R66W, 237' FSL, 2038' FEL
BOTTOM HOLE: S24-T1S-R66W, 2160' FSL, 20' FWL



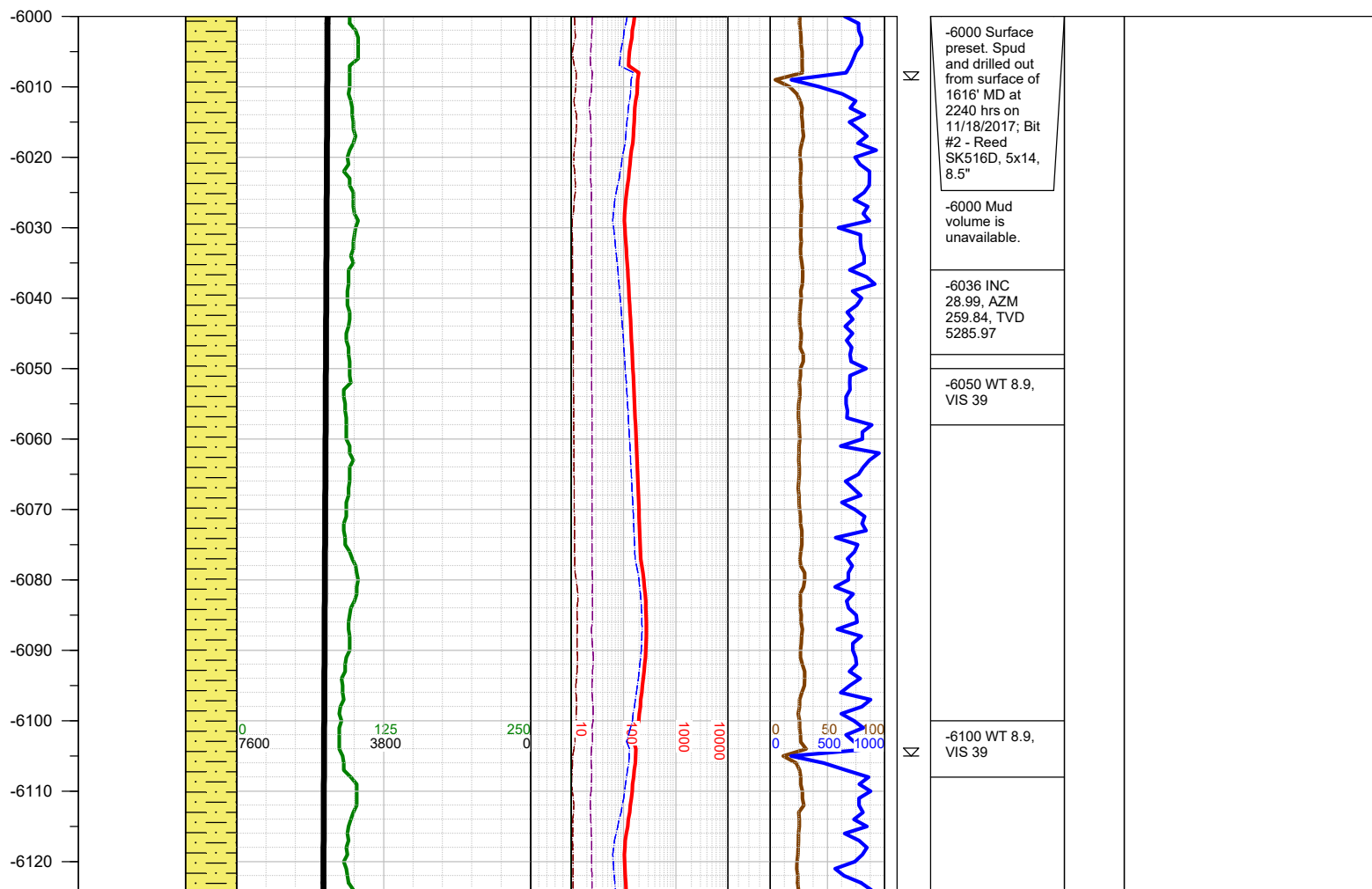
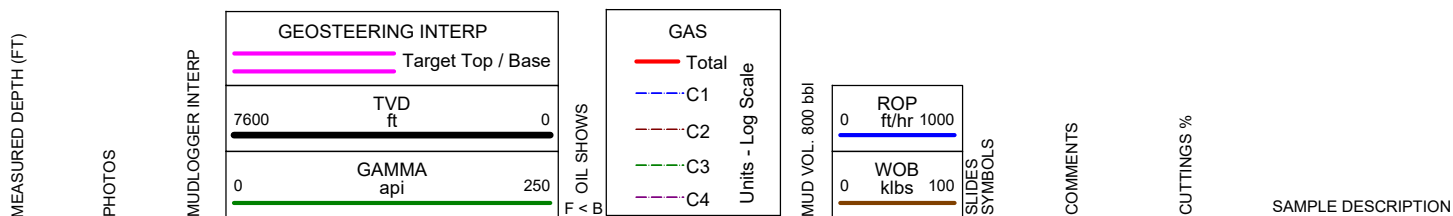
Earth Science Agency, LLC

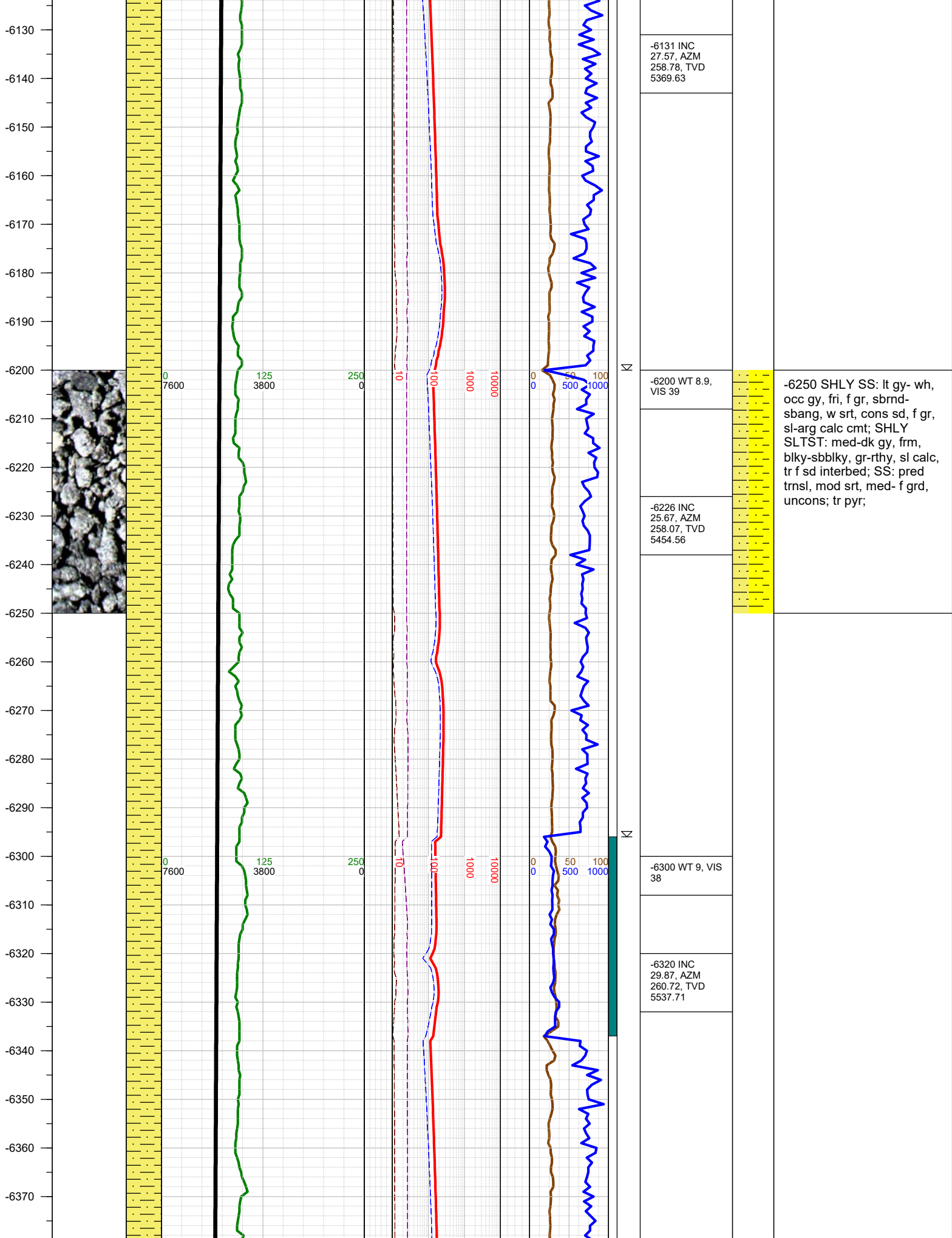
COUNTY: Adams
STATE: Colorado
GROUND ELEVATION: 5173'
KELLY BUSHING: 5201'
DRILLING FLUID: OBM
TVD VS. MD: 7738' / 16203'
SPUD DATE: November 18, 2017
TD DATE: November 21, 2017
DEPTHS LOGGED: 6000' - 16203'
DATES LOGGED: November 19, 2017 - November 21, 2017
GEOLOGISTS: Dan Jacobs, Kyle Newman
SCALE: 5" = 100'

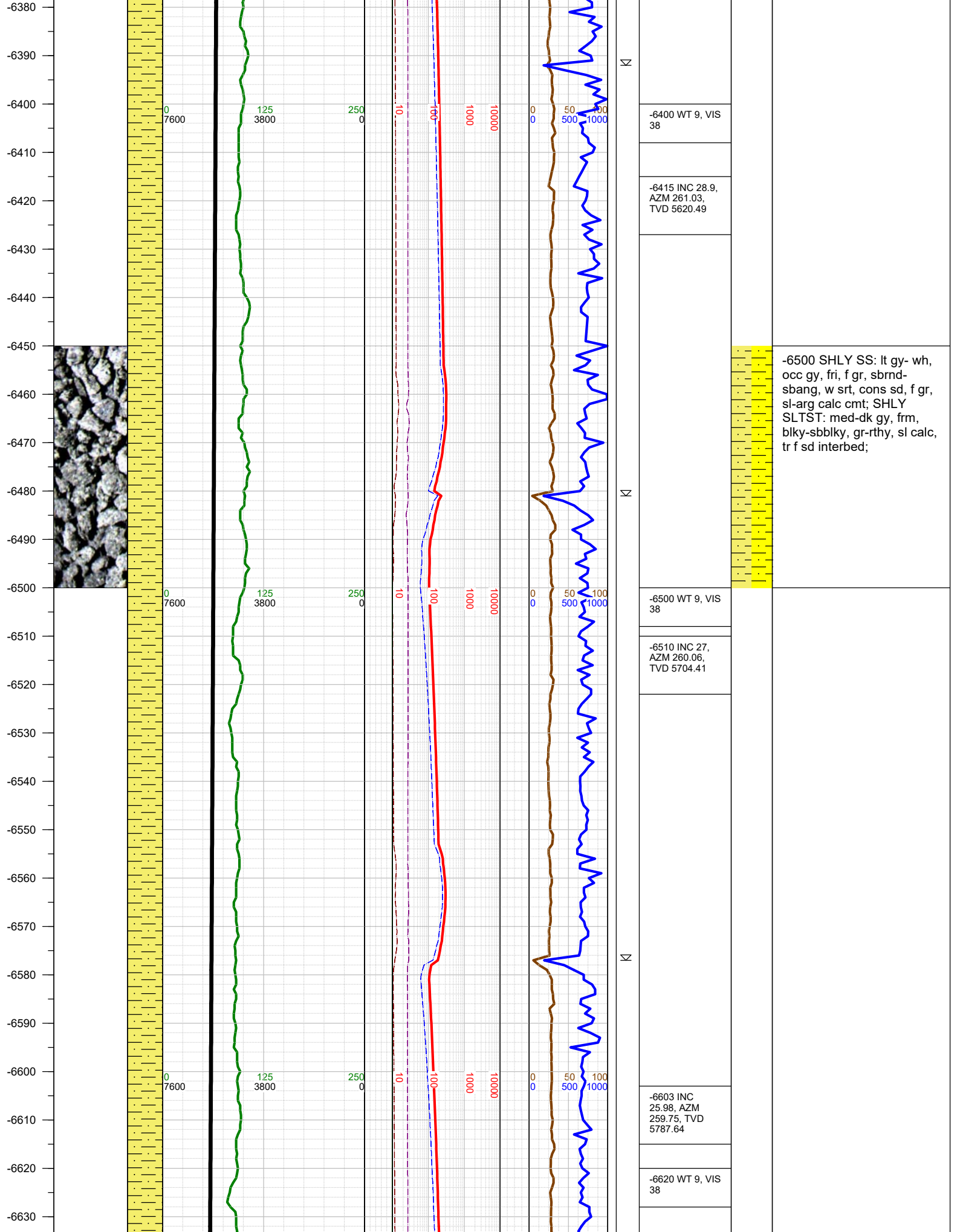
LEGEND

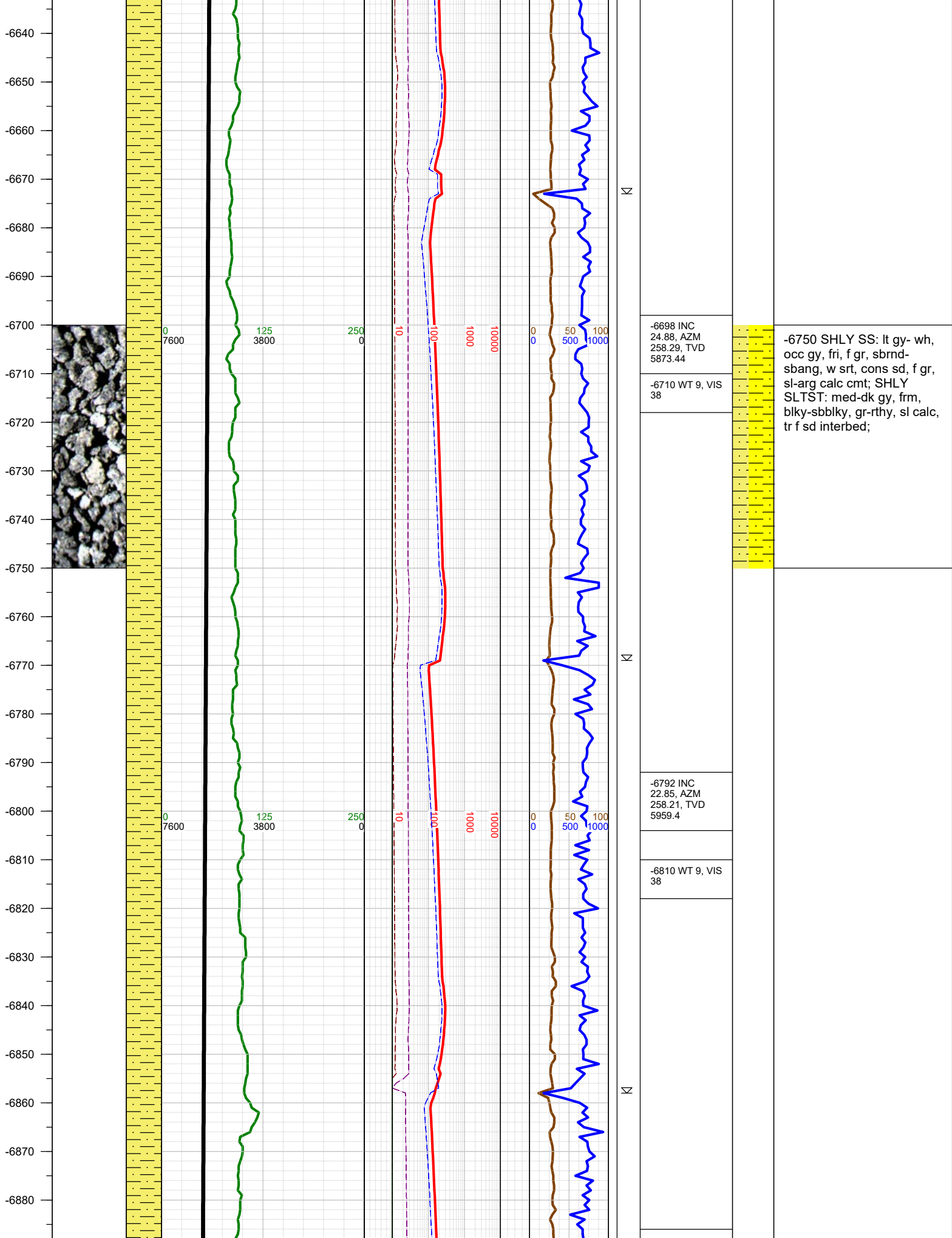


FORMATION CONNECTION MIDNIGHT NEW BIT GAS SHOW FAULT

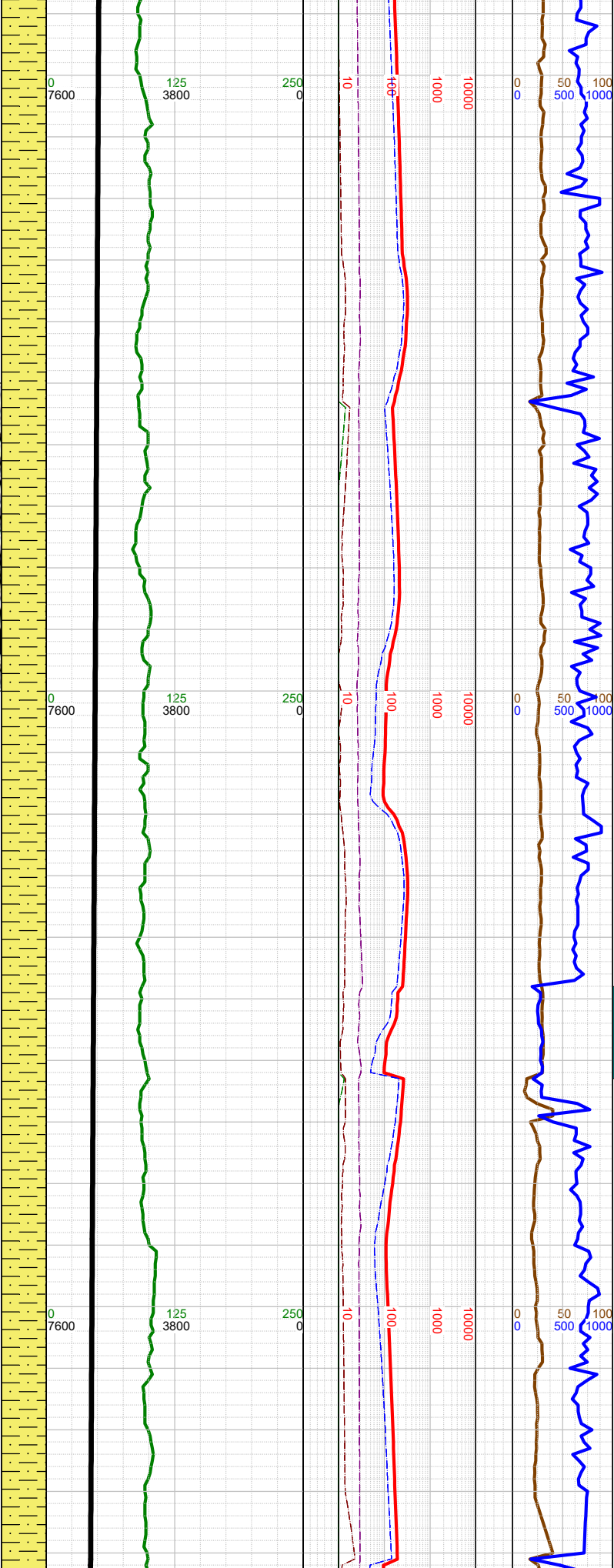
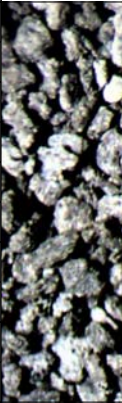




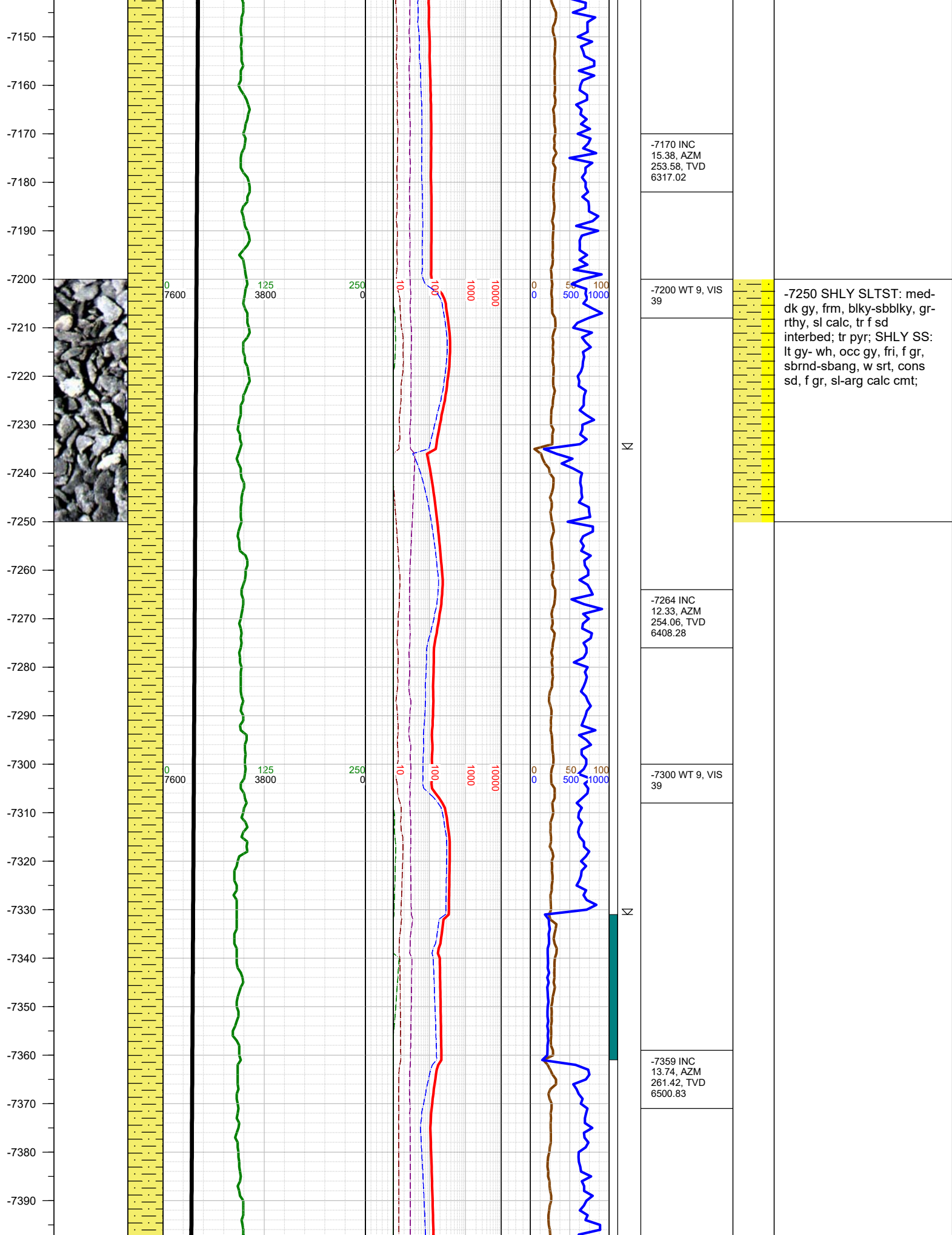


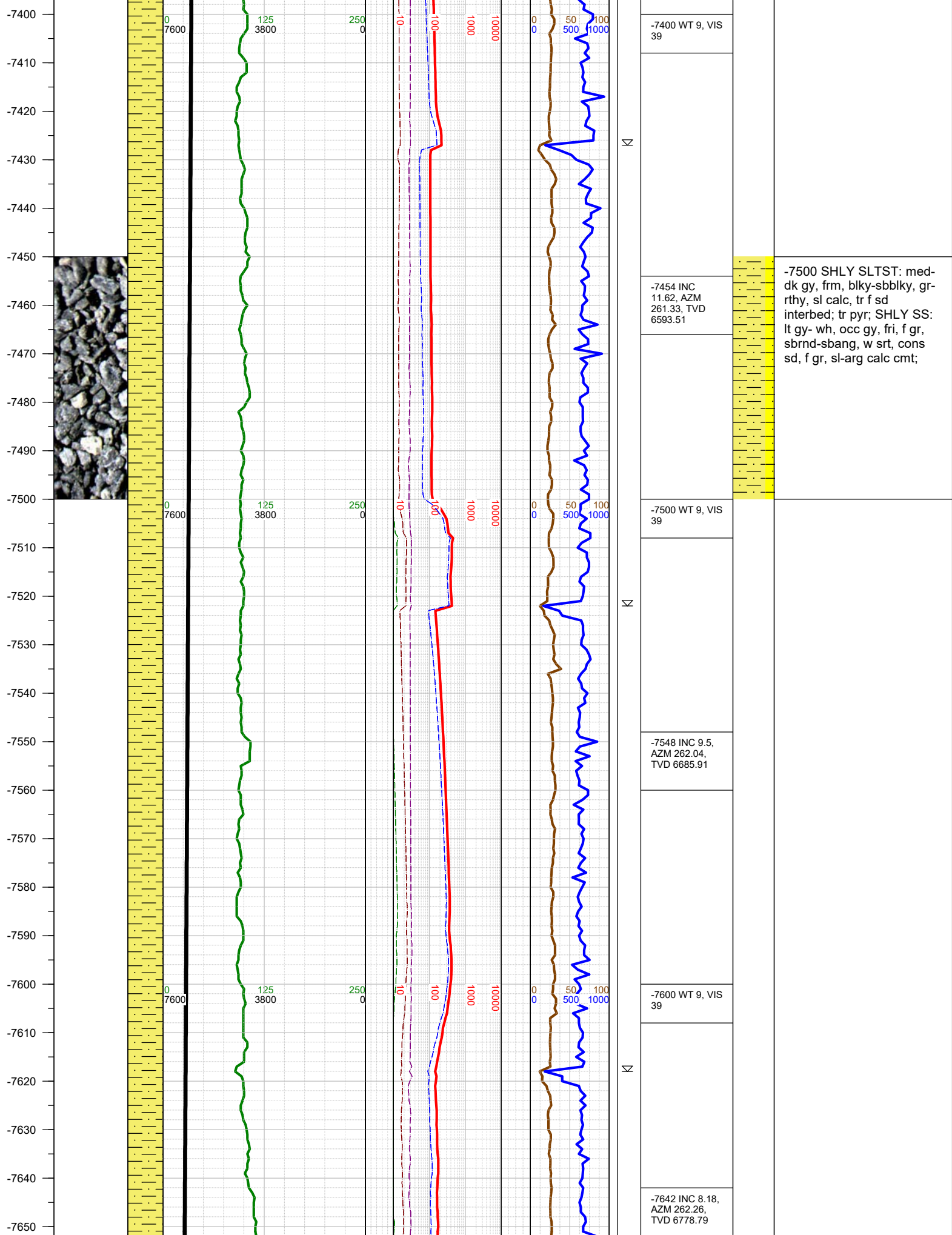


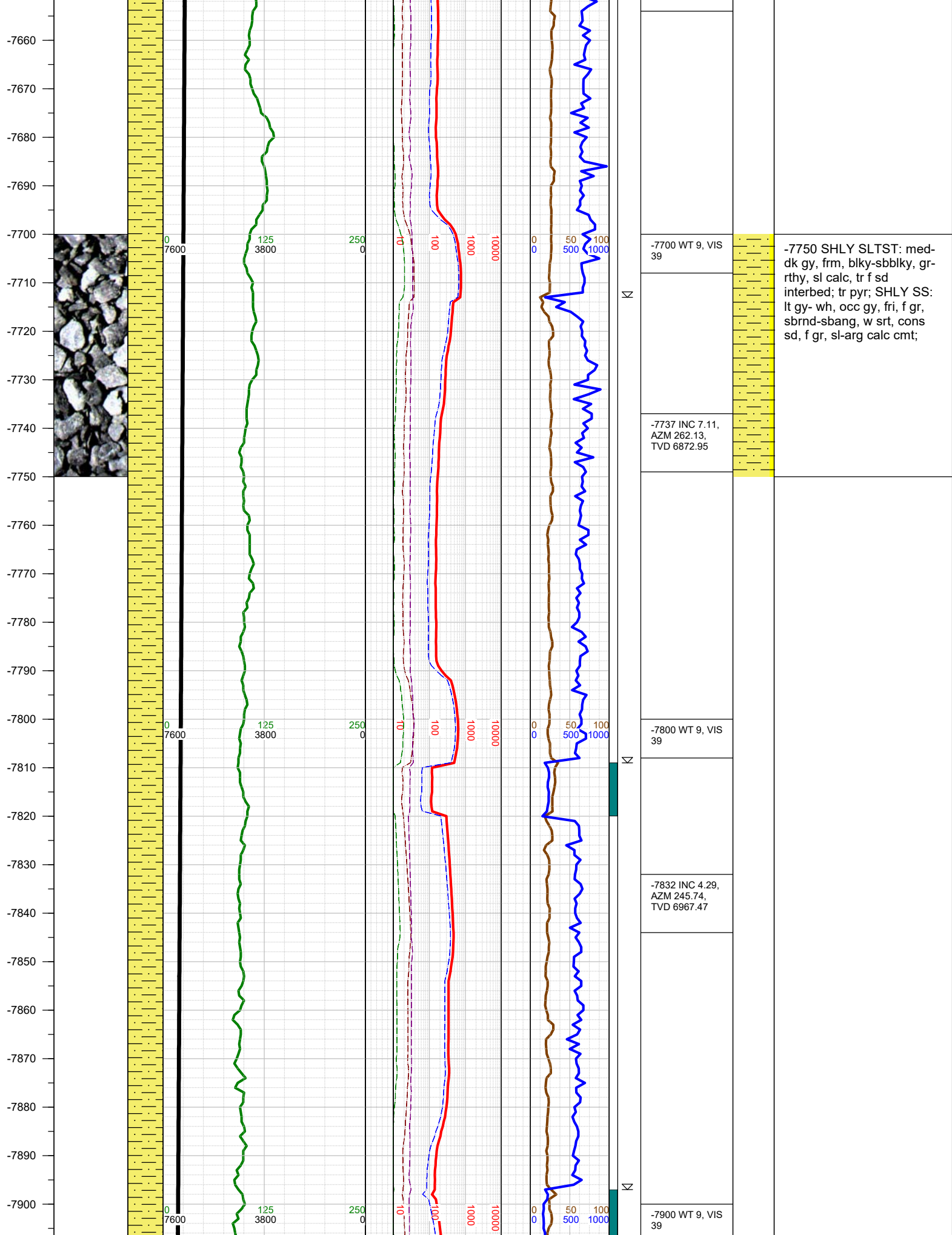
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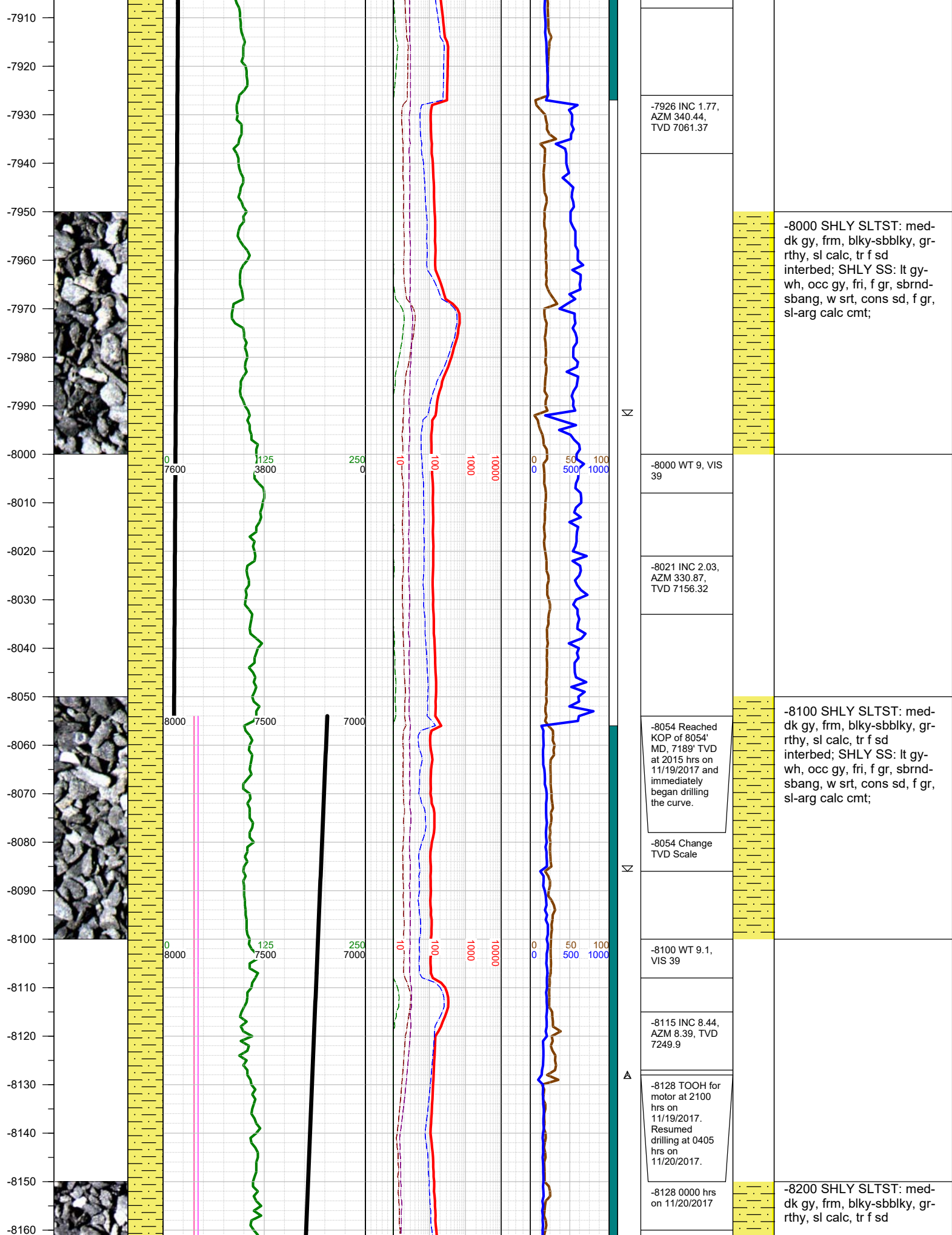


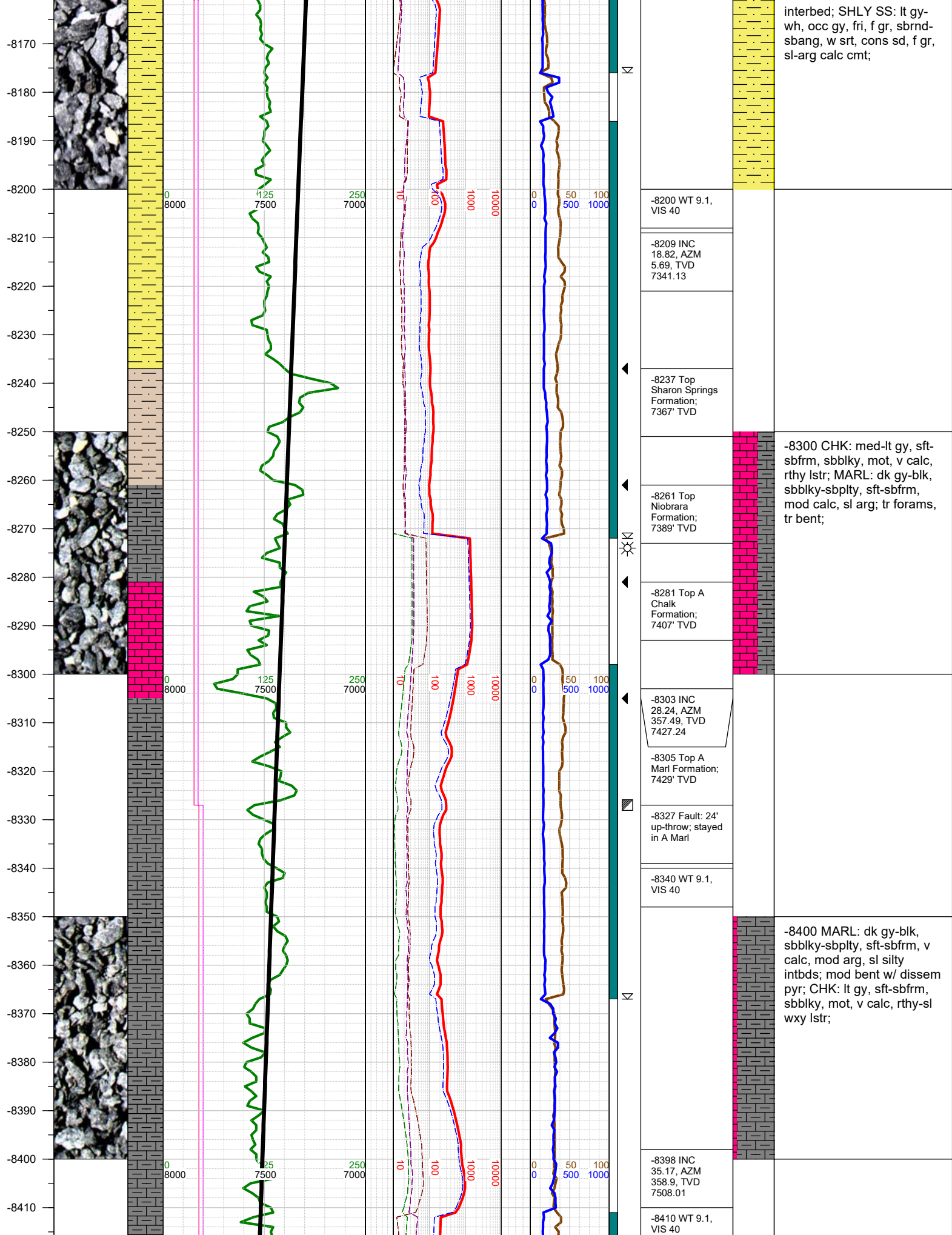
-6886 INC 20.11, AZM 258.73, TVD 6046.86	-6900 WT 9, VIS 38		
-6981 INC 17.81, AZM 260.06, TVD 6136.7	-7000 WT 9, VIS 39		-7000 SHLY SS: lt gy- wh, occ gy, fri, f gr, sbrnd- sbang, w srt, cons sd, f gr, sl-arg calc cmt; SHLY SLTST: med-dk gy, frm, blky-sbbiky, gr-rthy, sl calc, tr f sd interbed;
-7075 INC 18.25, AZM 253.14, TVD 6226.09	-7100 WT 9, VIS 39		

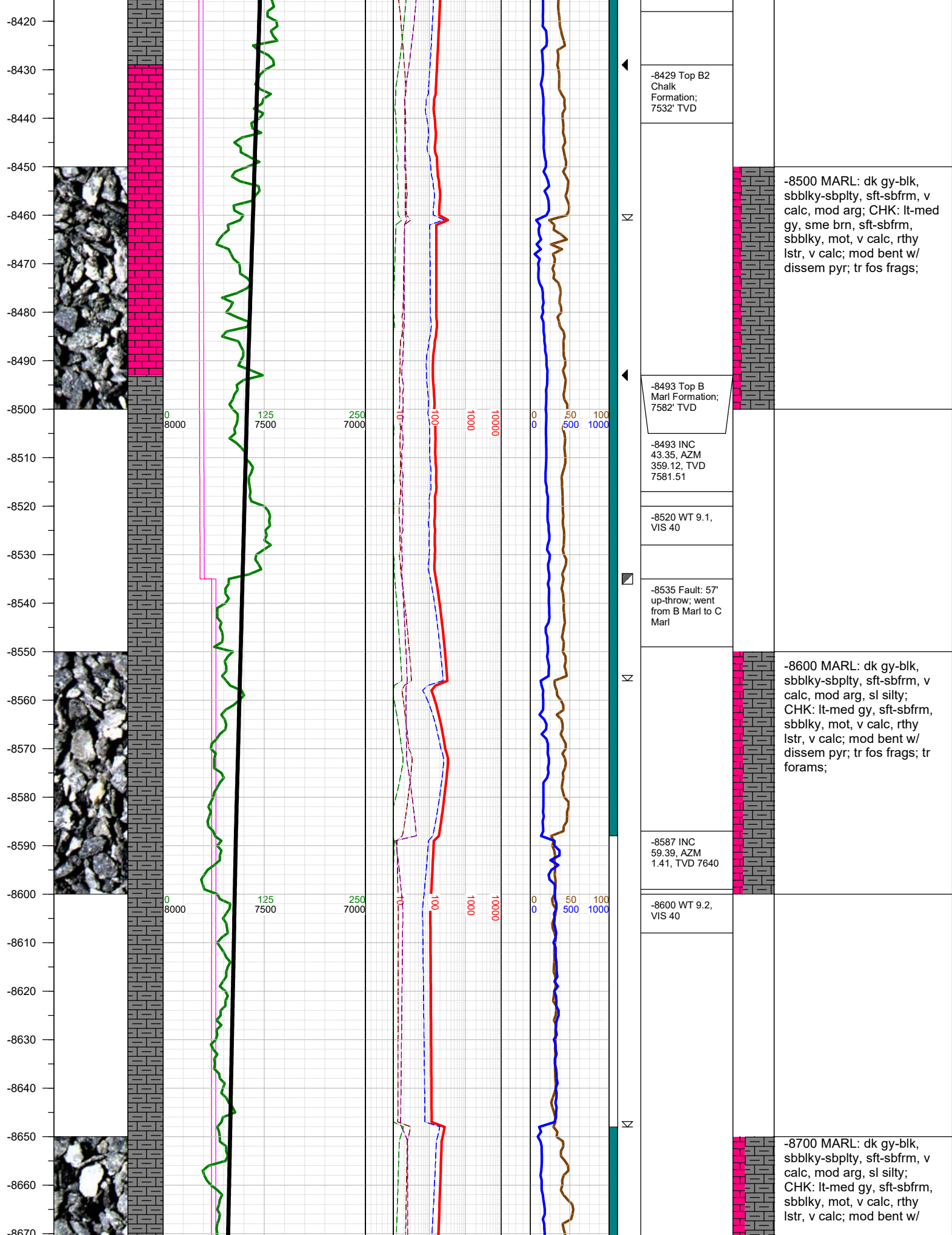


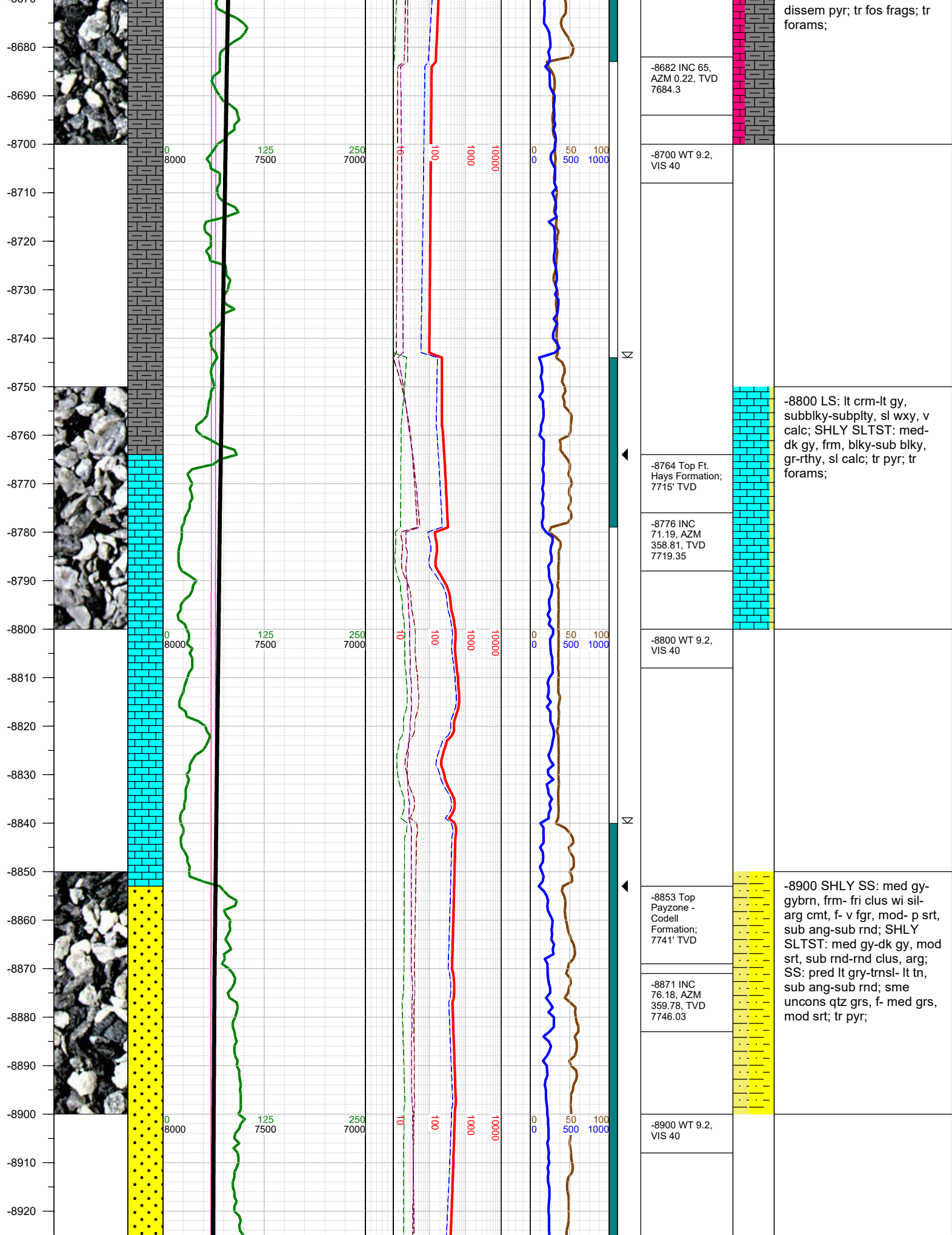


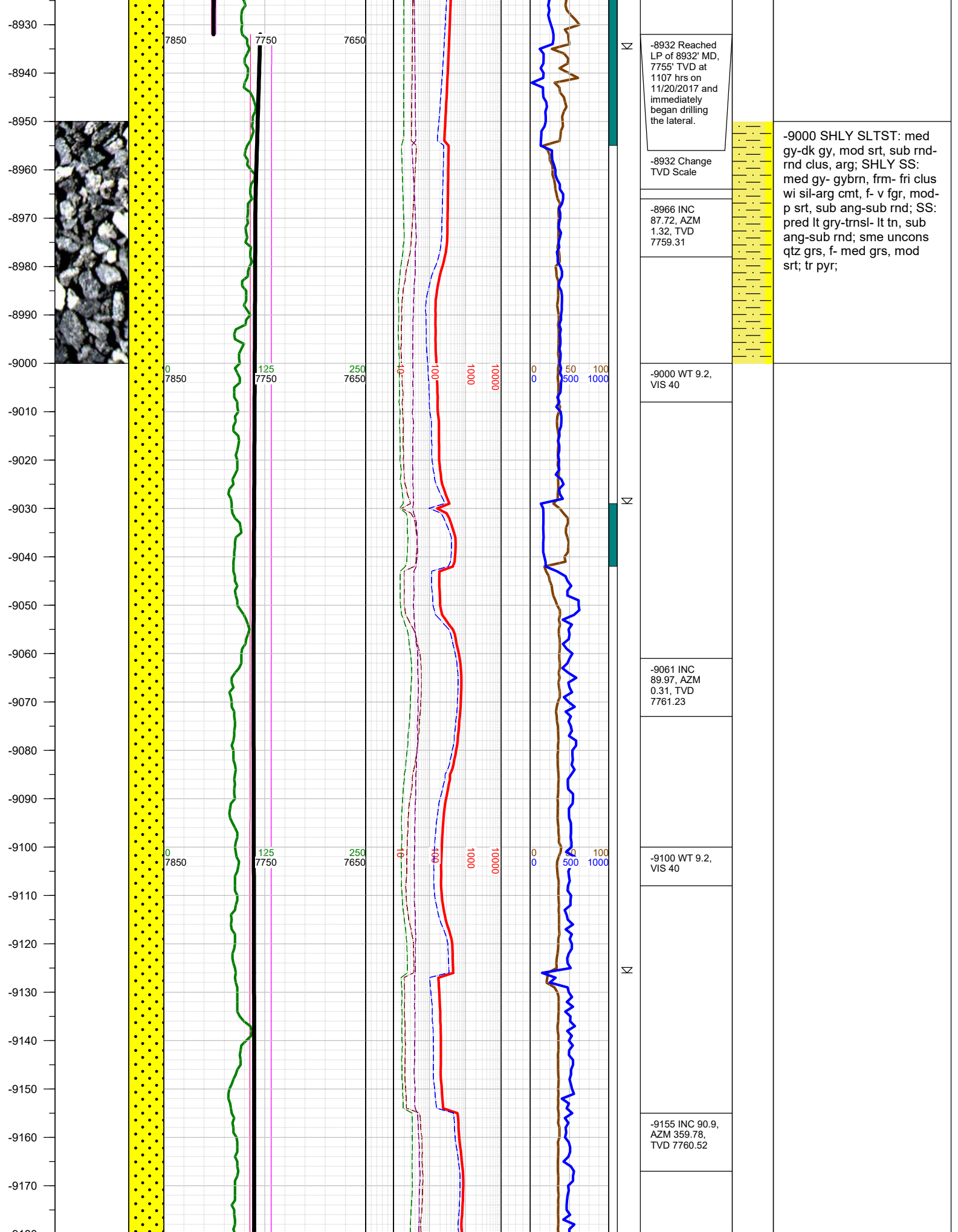


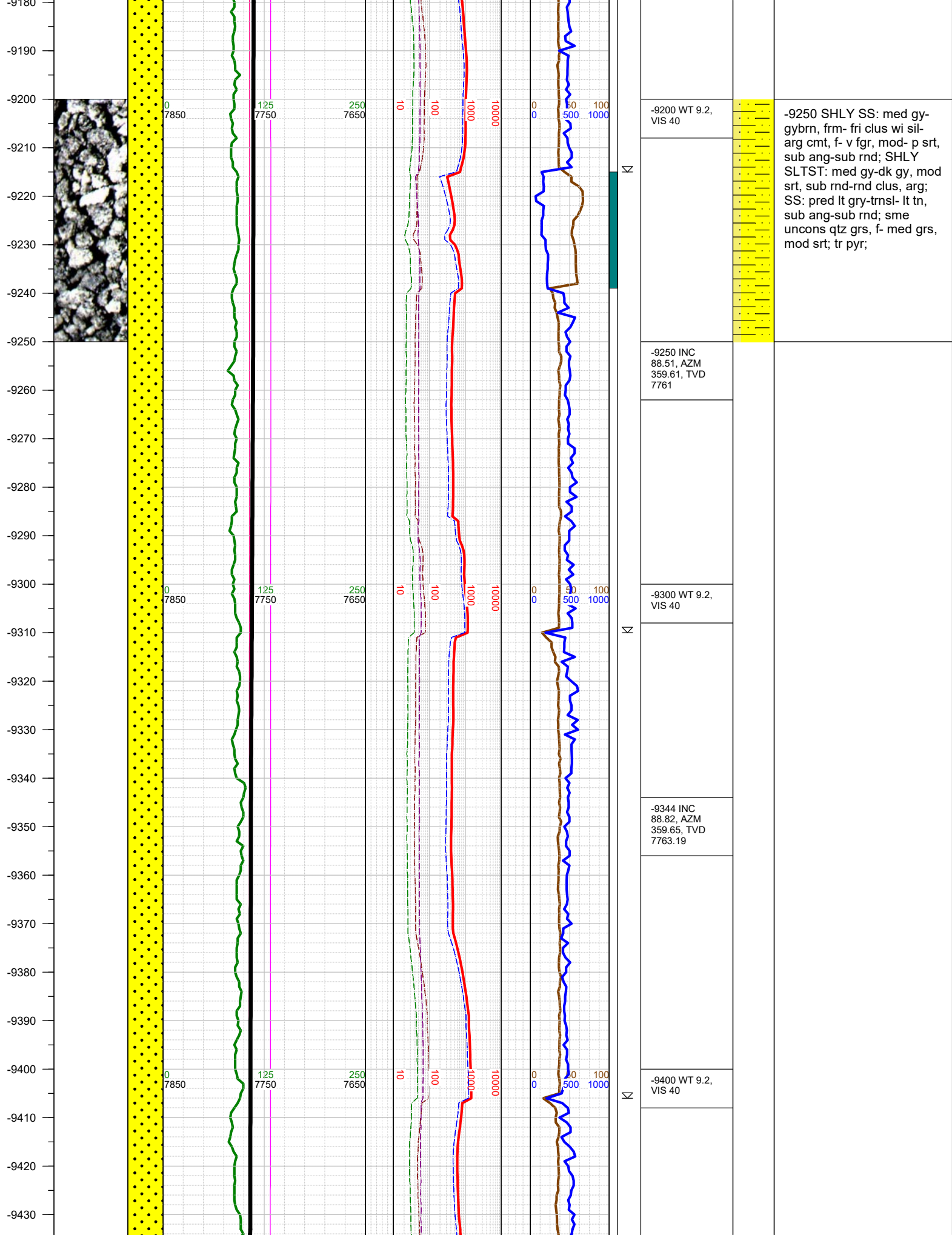


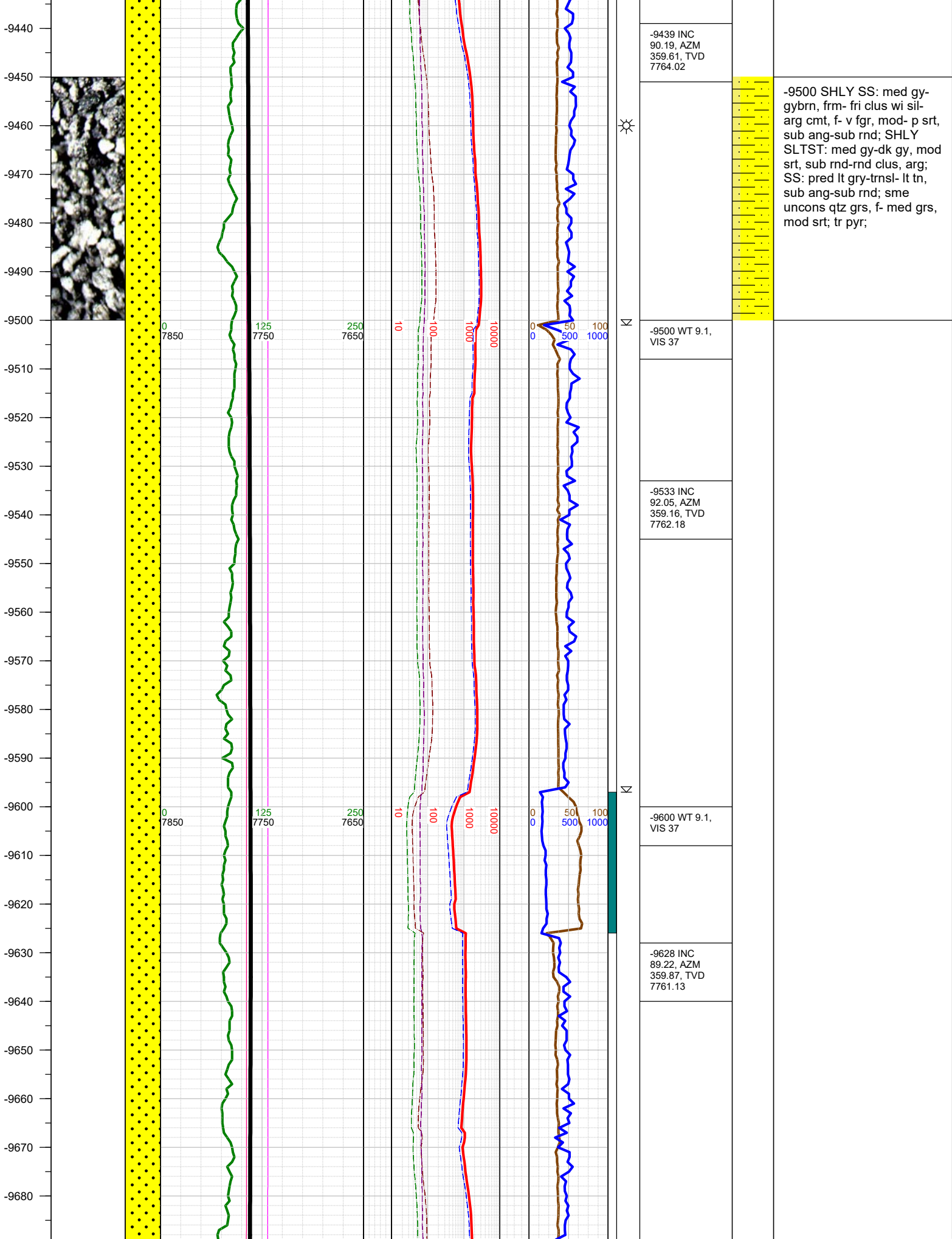












-9439 INC
90.19, AZM
359.61, TVD
7764.02



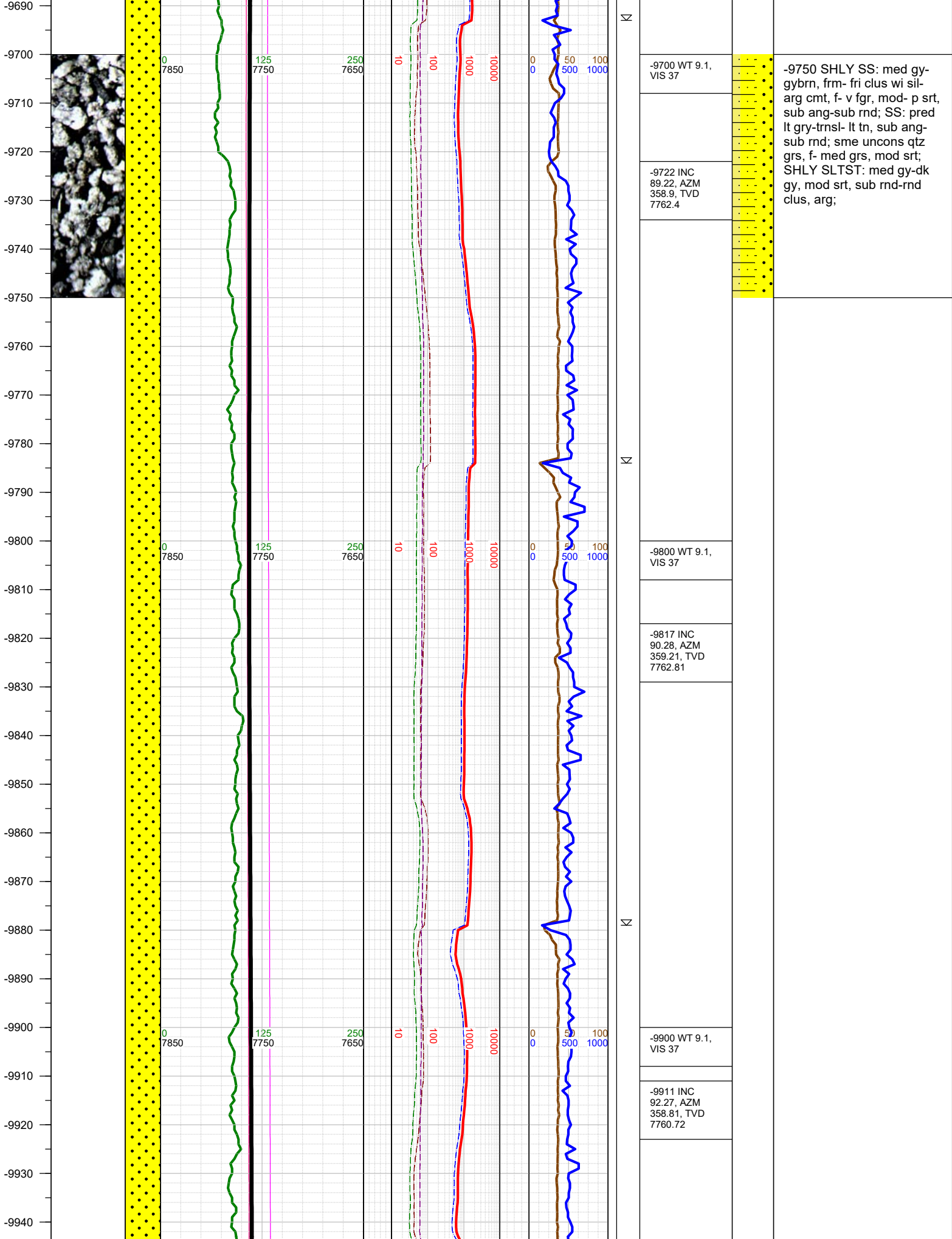
-9500 SHLY SS: med gy-
gybrn, frm- fri clus wi sil-
arg cmt, f- v fgr, mod- p srt,
sub ang-sub rnd; SHLY
SLTST: med gy-dk gy, mod
srt, sub rnd-rnd clus, arg;
SS: pred lt gry-trnsl- lt tn,
sub ang-sub rnd; sme
uncons qtz grs, f- med grs,
mod srt; tr pyr;

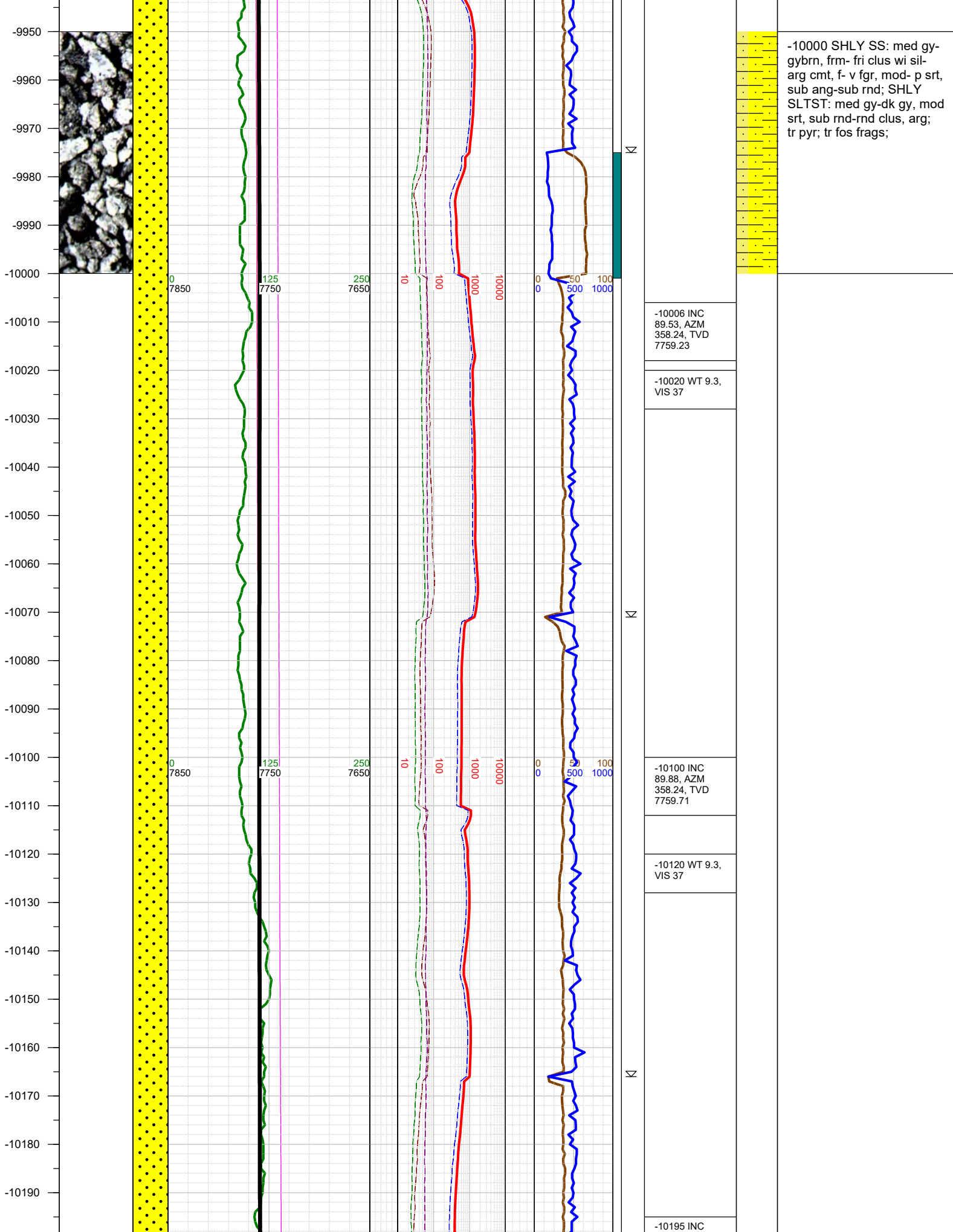
-9500 WT 9.1,
VIS 37

-9533 INC
92.05, AZM
359.16, TVD
7762.18

-9600 WT 9.1,
VIS 37

-9628 INC
89.22, AZM
359.87, TVD
7761.13





-10000 SHLY SS: med gy-gybrn, frm- fri clus wi sil-arg cmt, f- v fgr, mod- p srt, sub ang-sub rnd; SHLY SLTST: med gy-dk gy, mod srt, sub rnd-rnd clus, arg; tr pyr; tr fos frags;

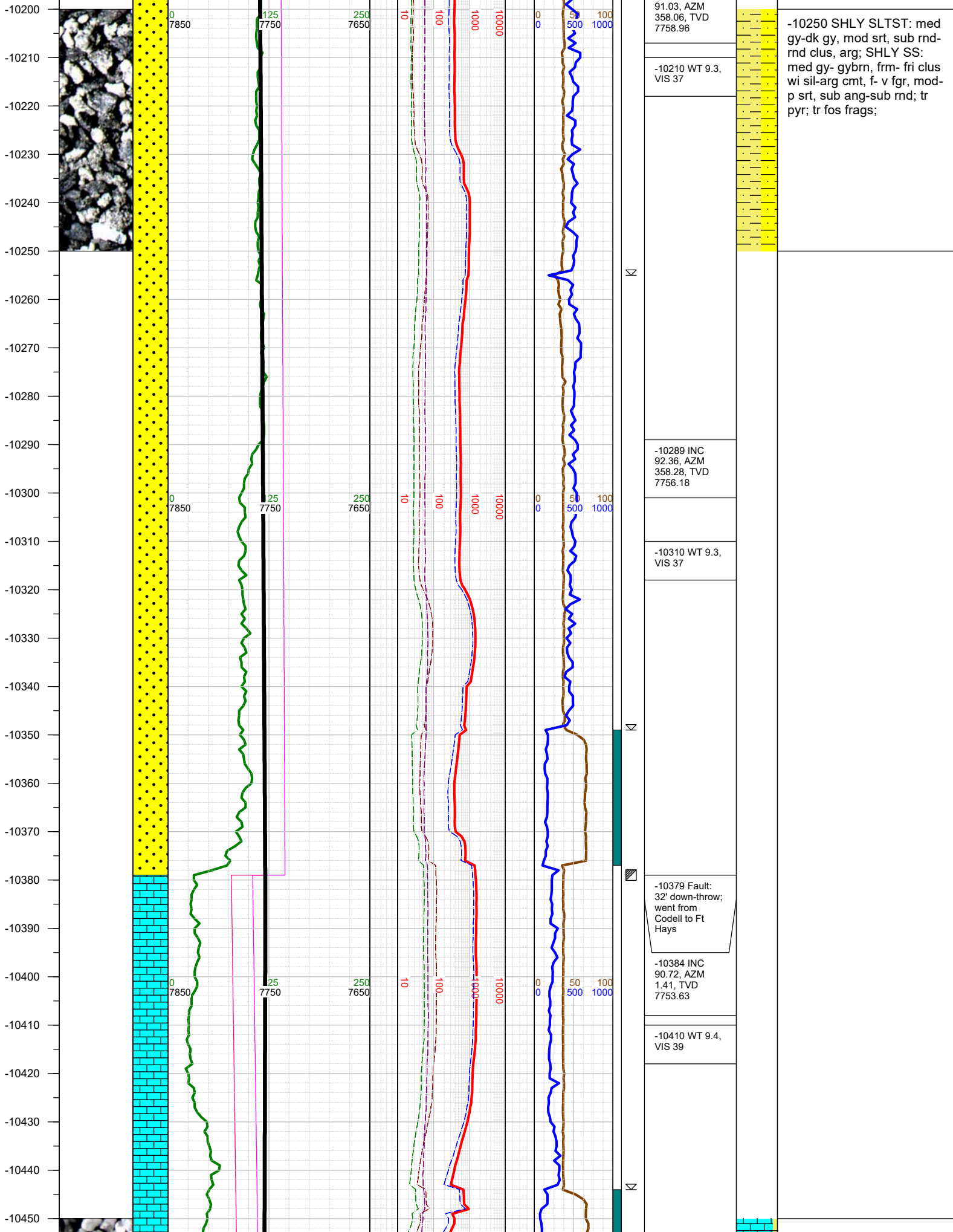
-10006 INC
89.53, AZM
358.24, TVD
7759.23

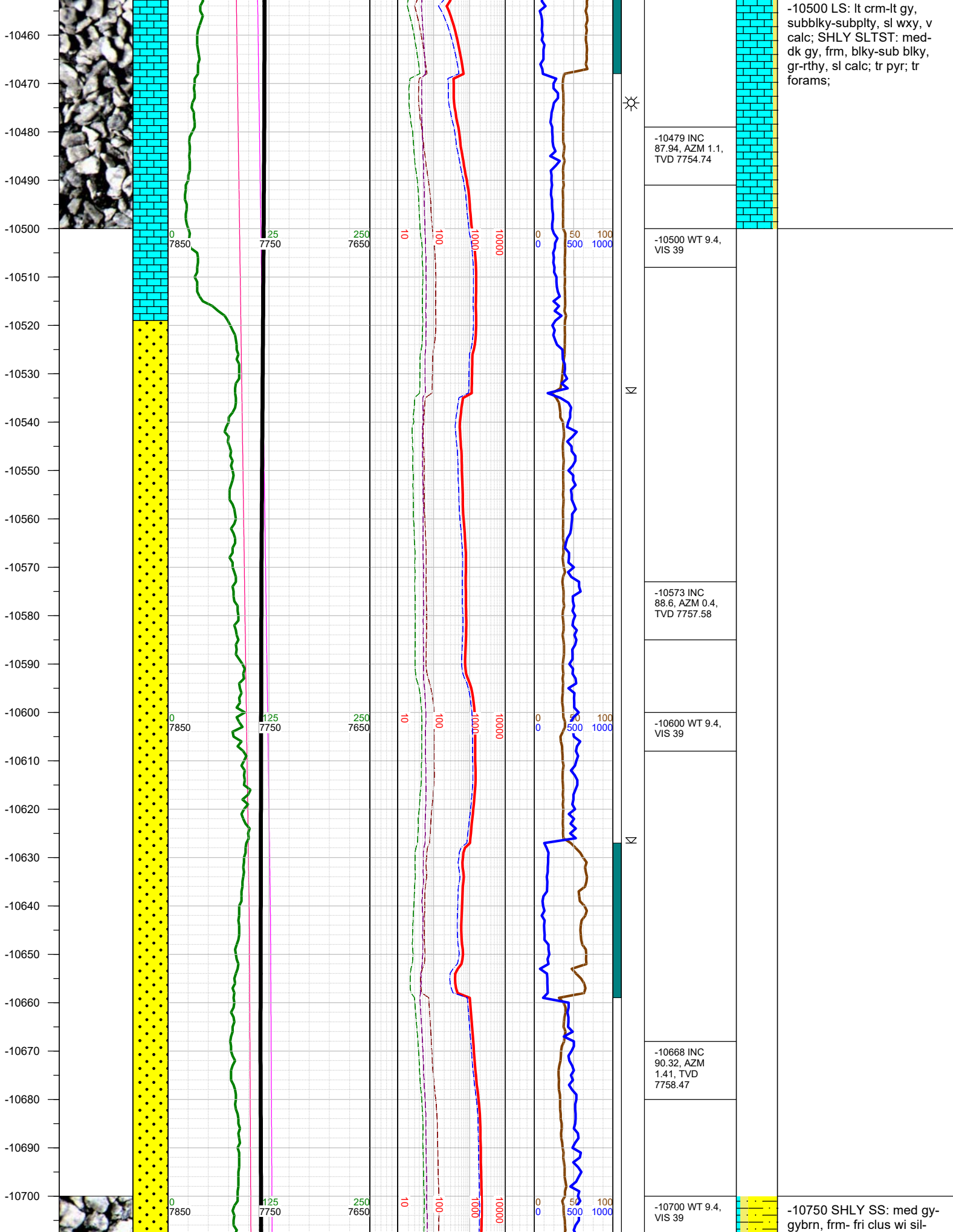
-10020 WT 9.3,
VIS 37

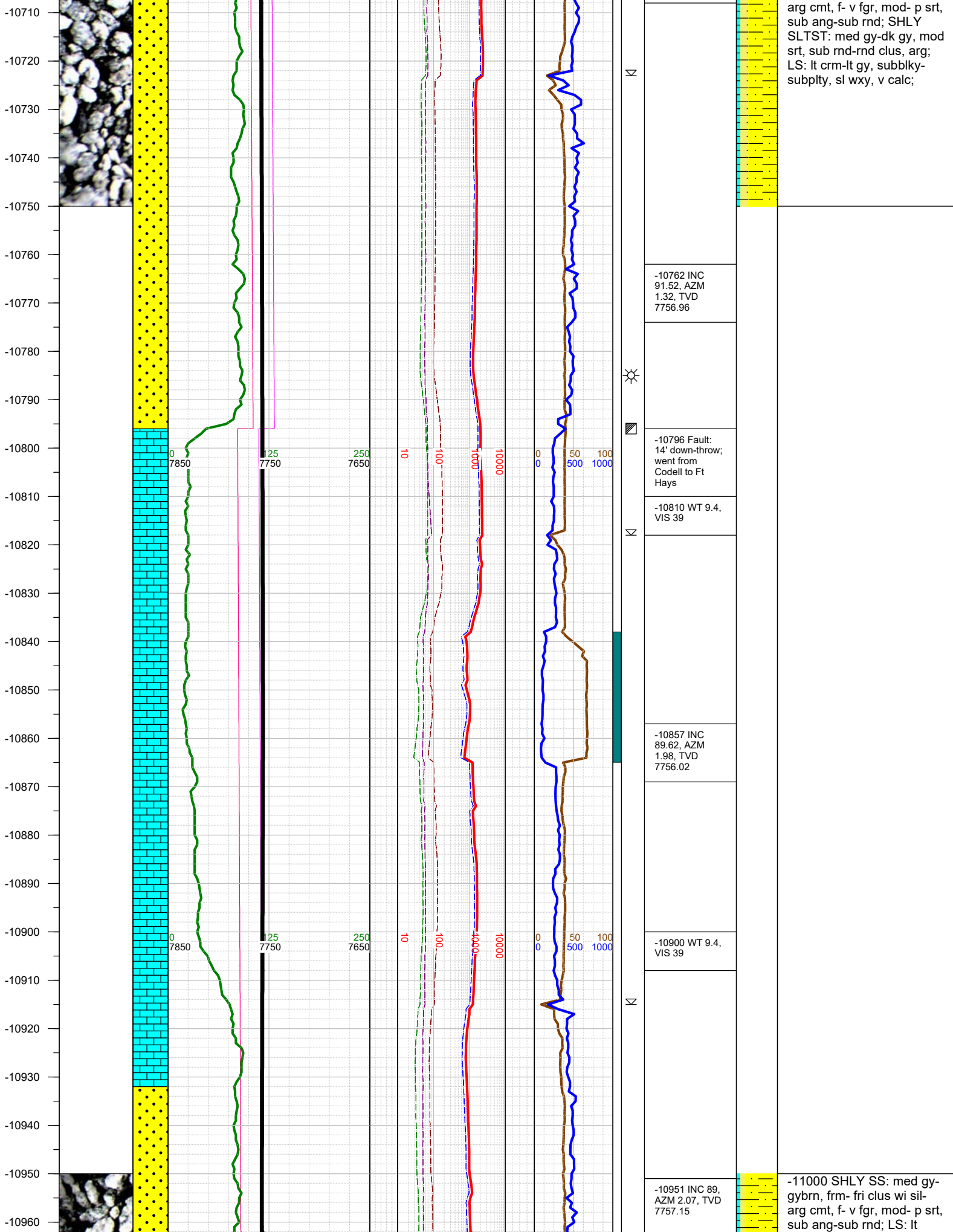
-10100 INC
89.88, AZM
358.24, TVD
7759.71

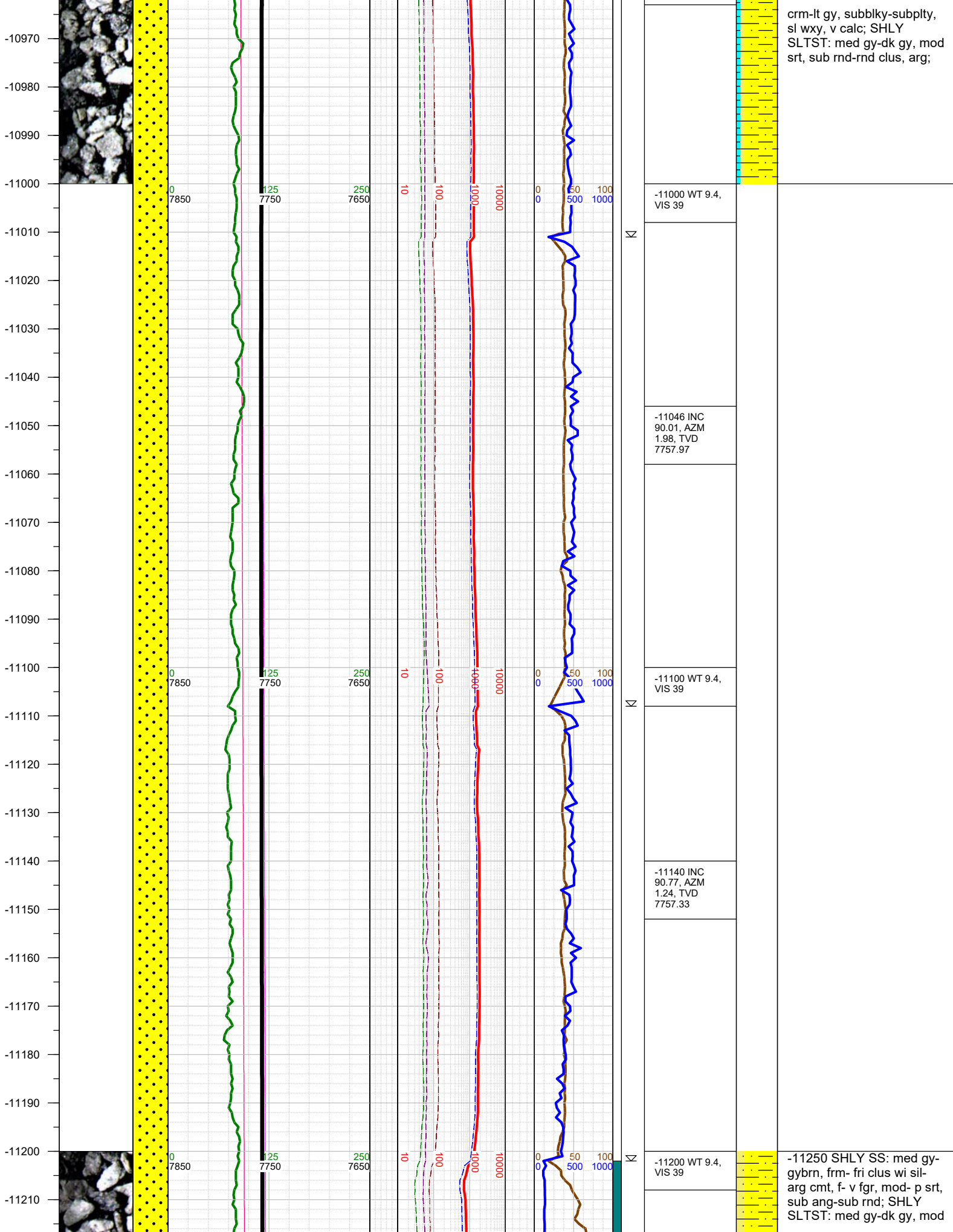
-10120 WT 9.3,
VIS 37

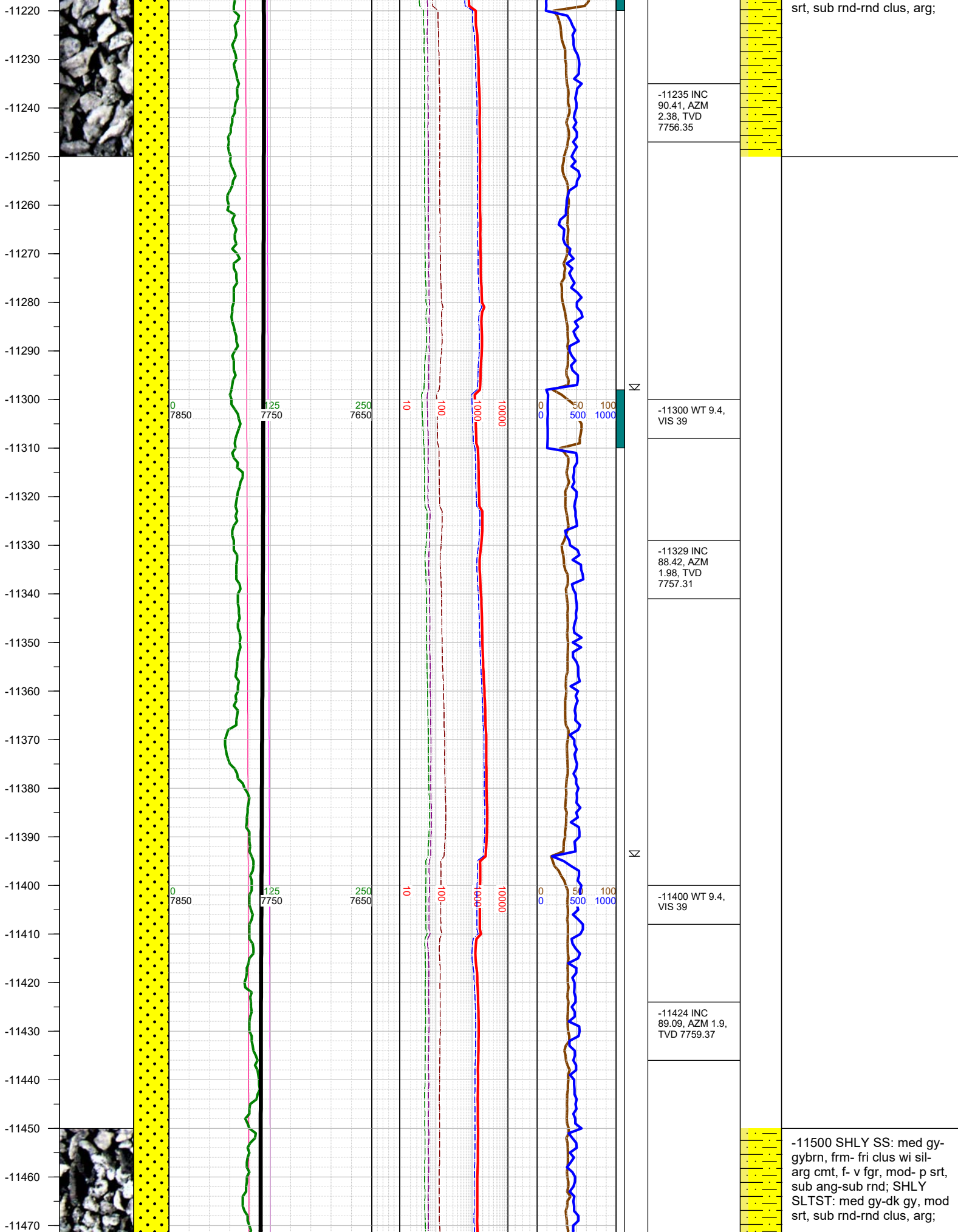
-10195 INC

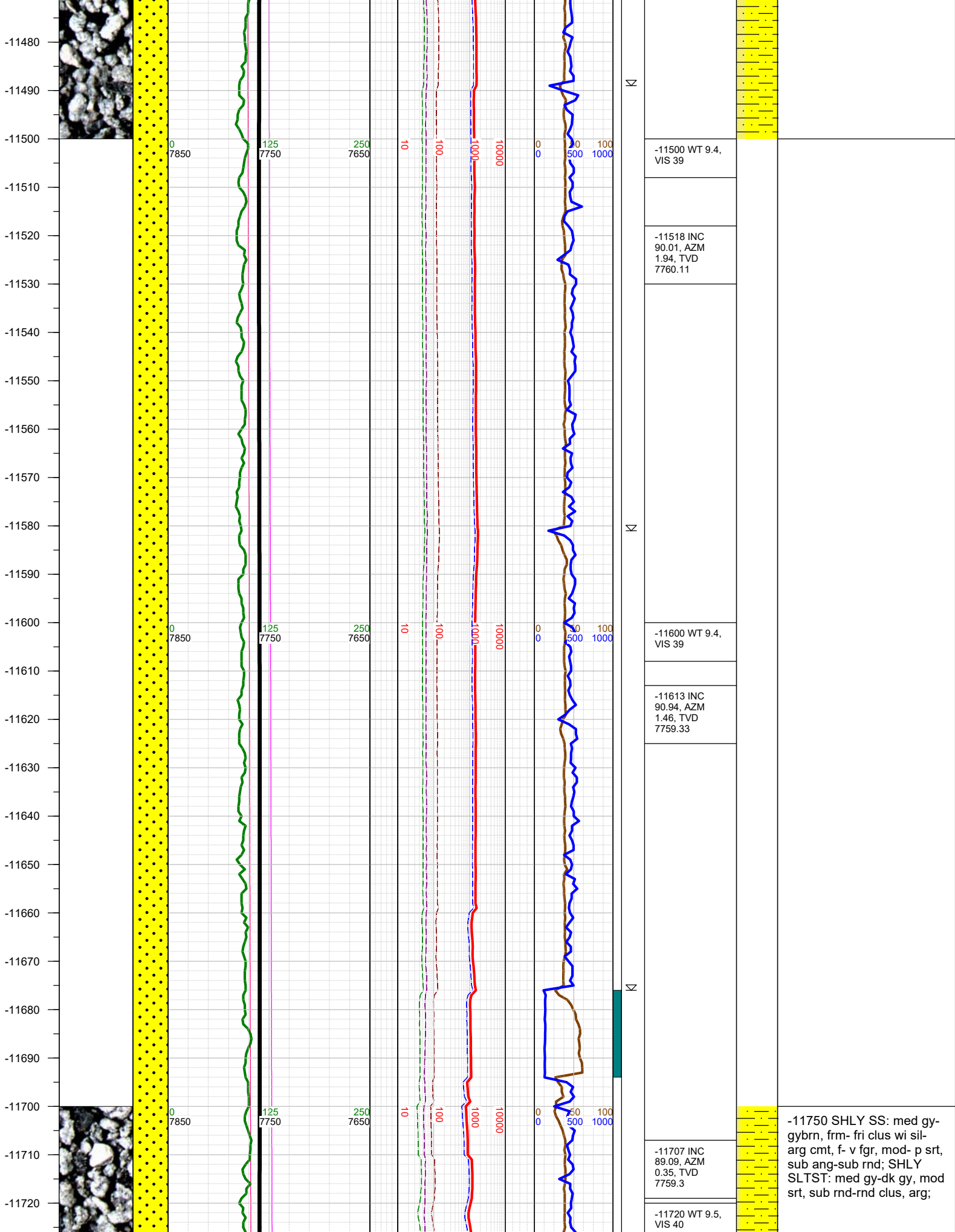






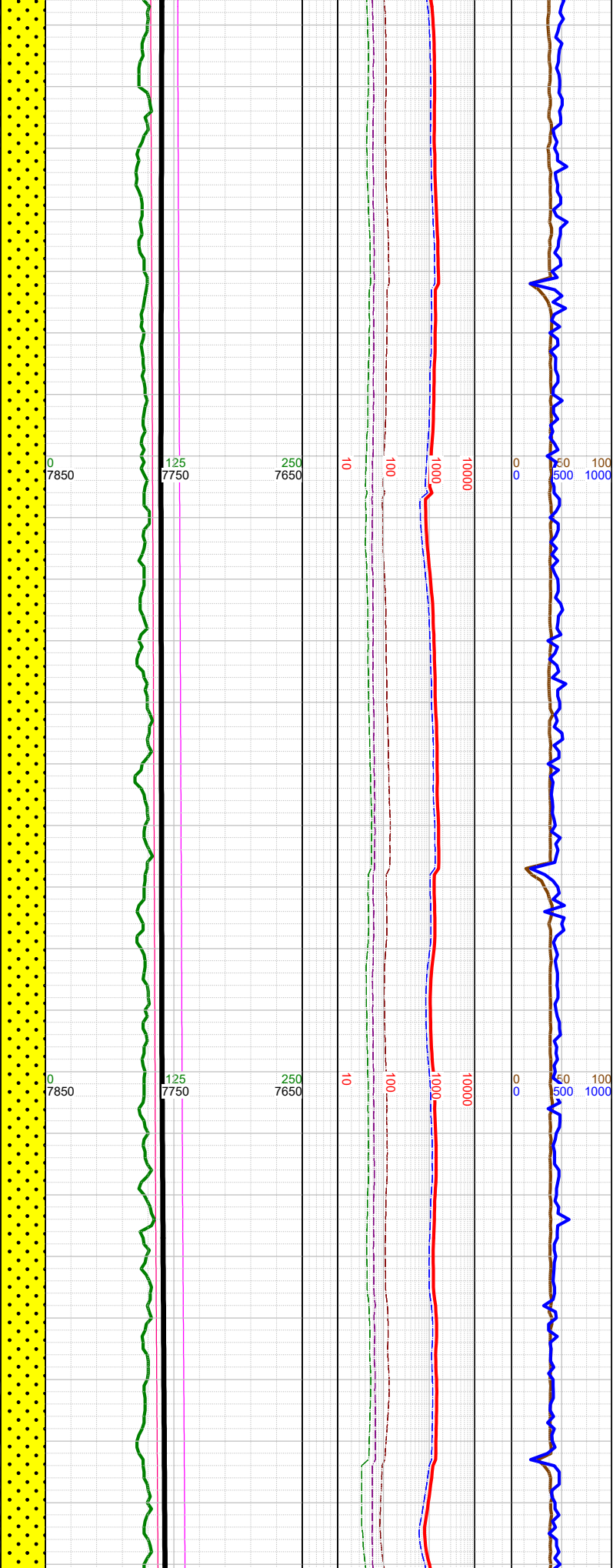
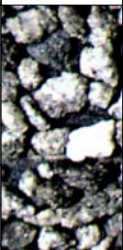
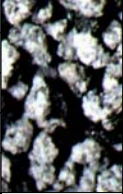






-11750 SHLY SS: med gy-gybrn, frm- fri clus wi sil-arg cmt, f- v fgr, mod- p srt, sub ang-sub rnd; SHLY SLTST: med gy-dk gy, mod srt, sub rnd-rnd clus, arg;

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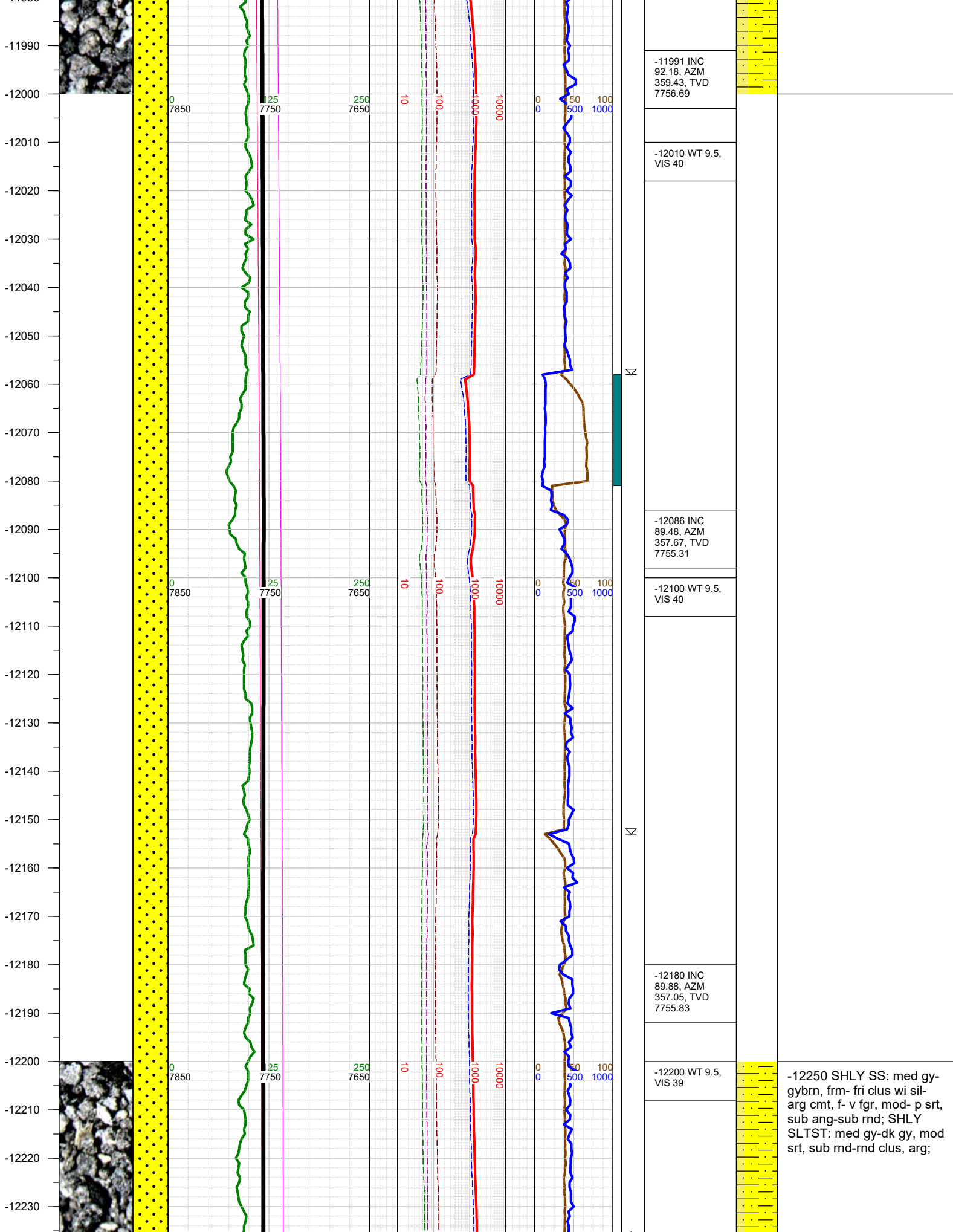


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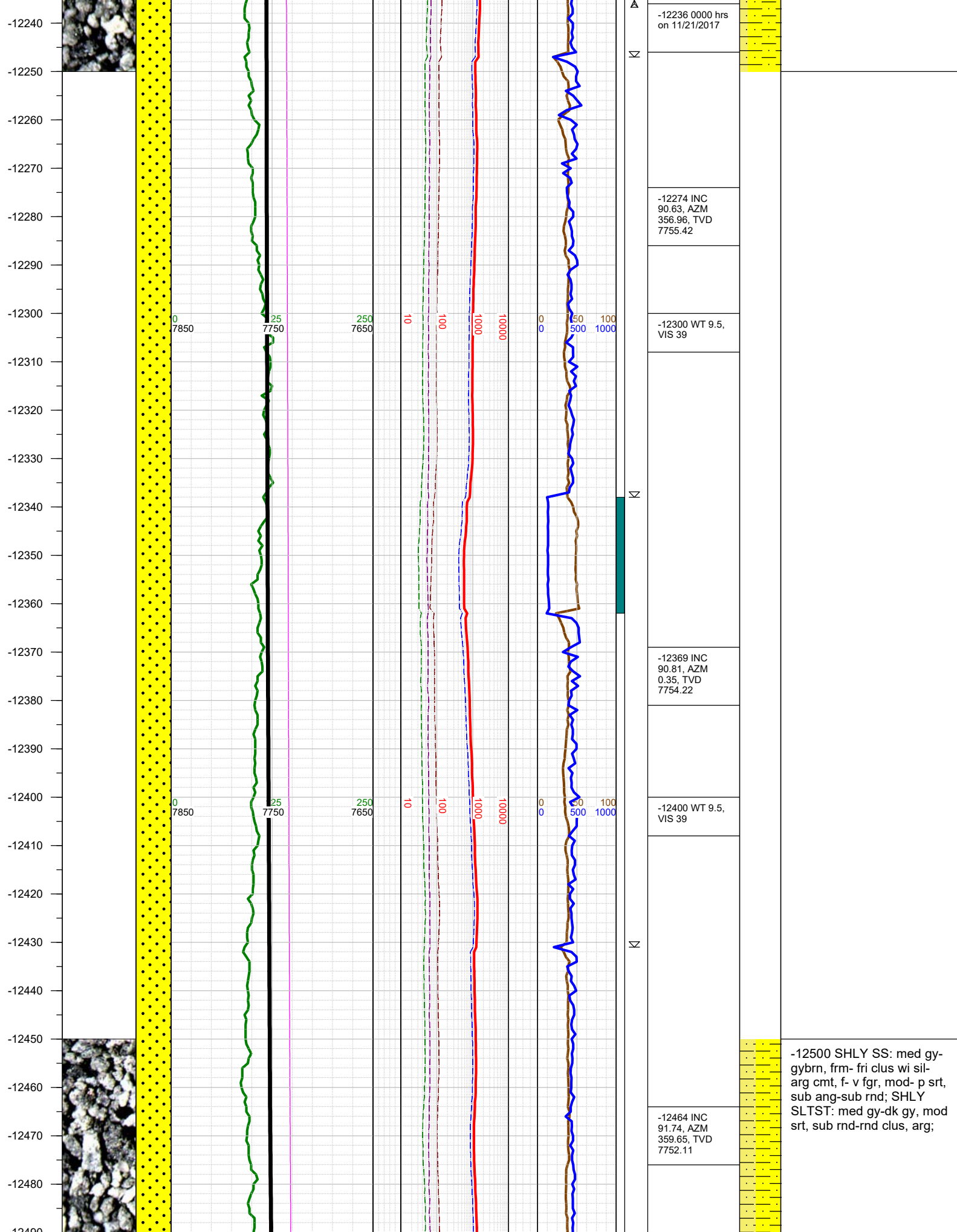
	-11802 INC 89.84, AZM 359.74, TVD 7760.19
	-11820 WT 9.5, VIS 40
	-11897 INC 91.12, AZM 359.78, TVD 7759.39
	-11910 WT 9.5, VIS 40

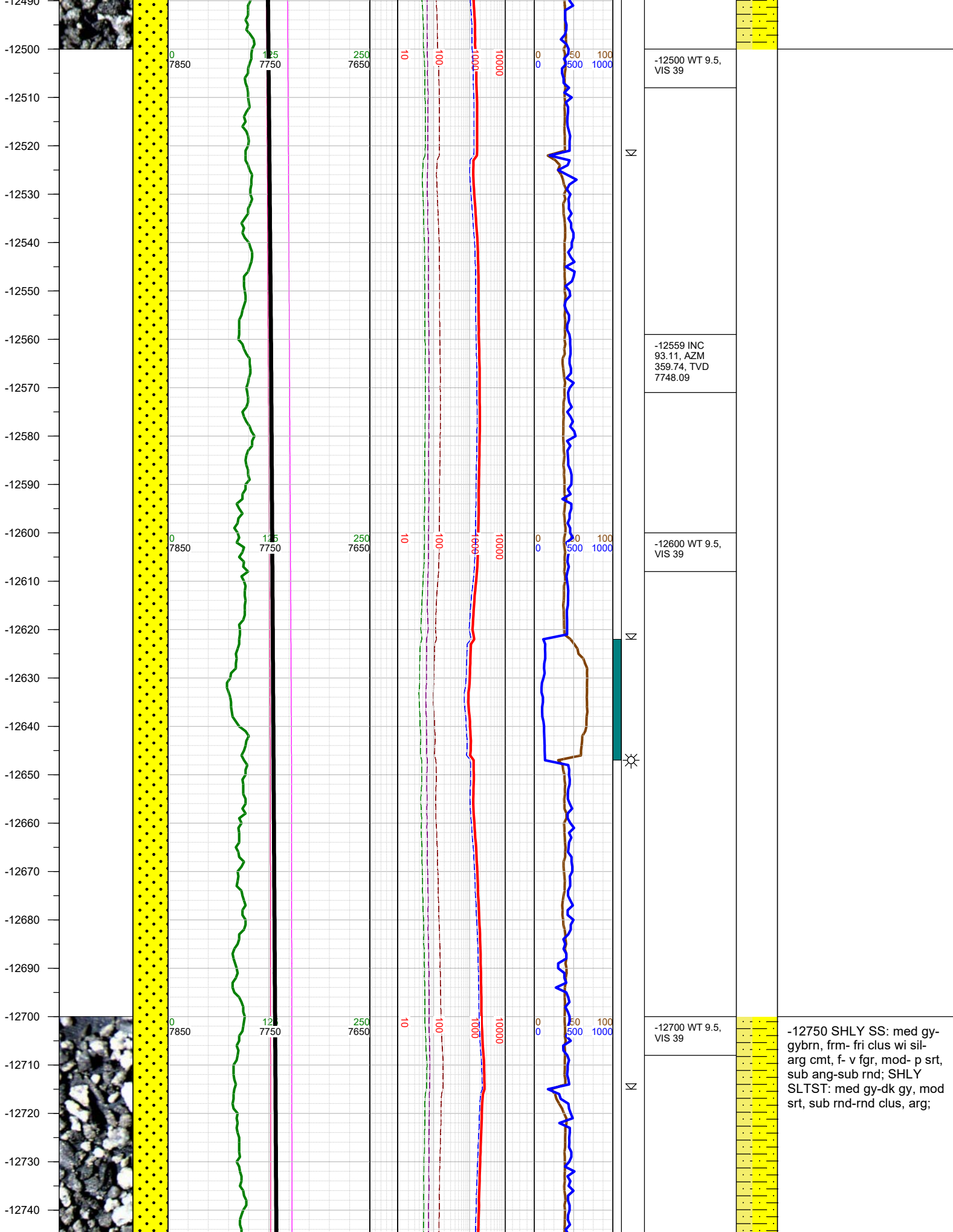


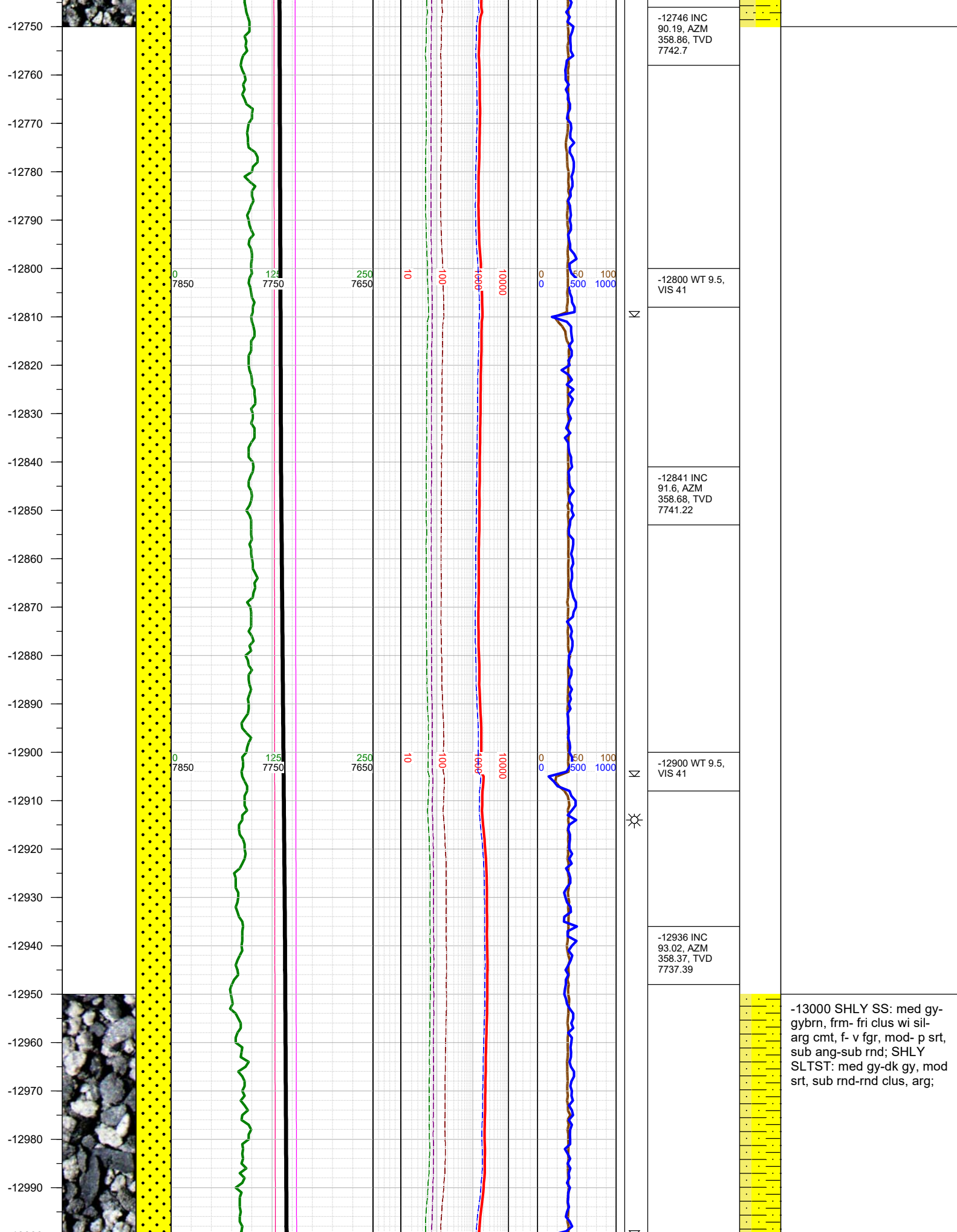
-12000 SHLY SS: med gy-
gybrn, frm- fri clus wi sil-
arg cmt, f- v fgr, mod- p srt,
sub ang-sub rnd; SHLY
SLTST: med gy-dk gy, mod
srt, sub rnd-rnd clus, arg;

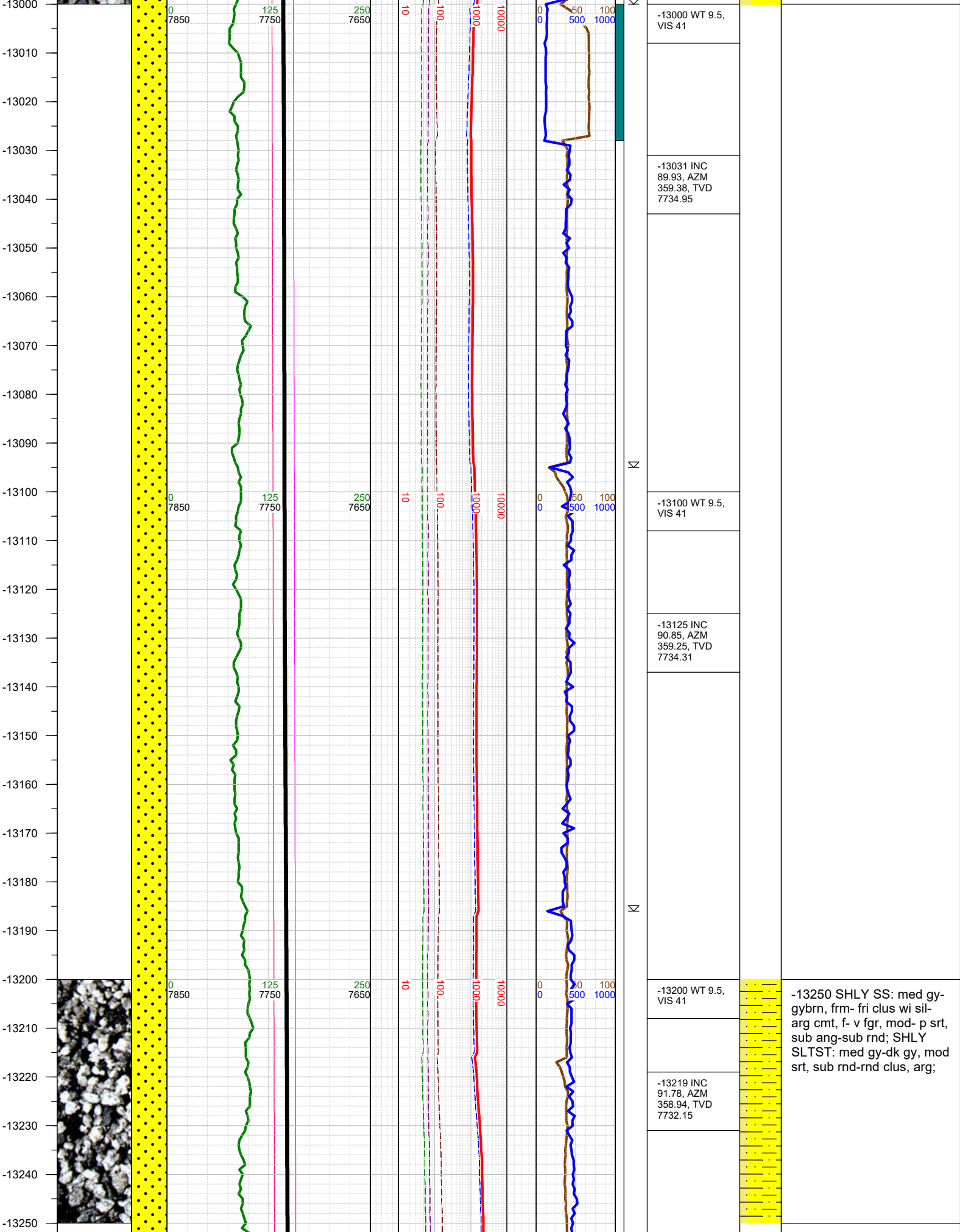


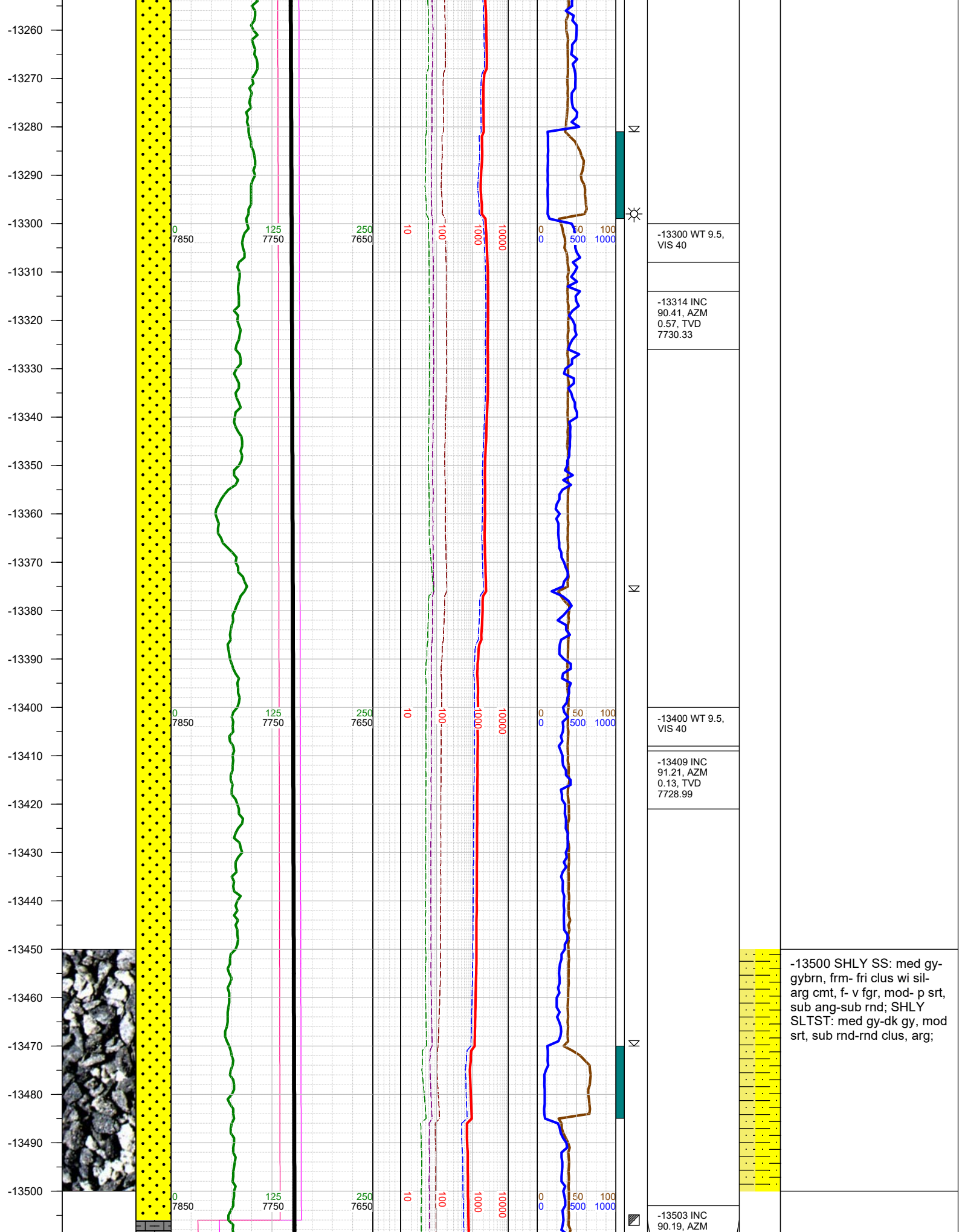
-12250 SHLY SS: med gy-gybrn, frm- fri clus wi sil-arg cmt, f- v fgr, mod- p srt, sub ang-sub rnd; SHLY SLTST: med gy-dk gy, mod srt, sub rnd-rnd clus, arg;

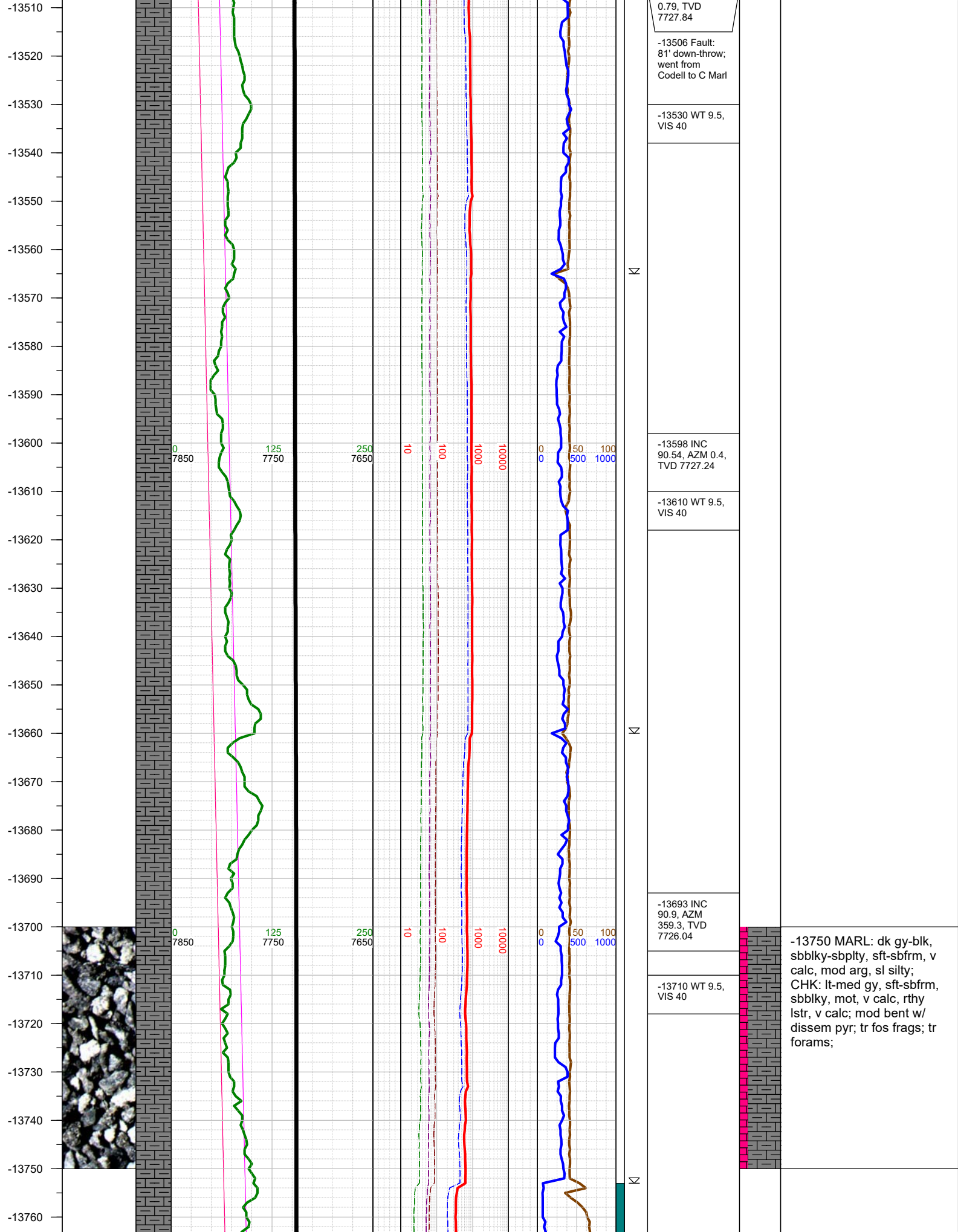


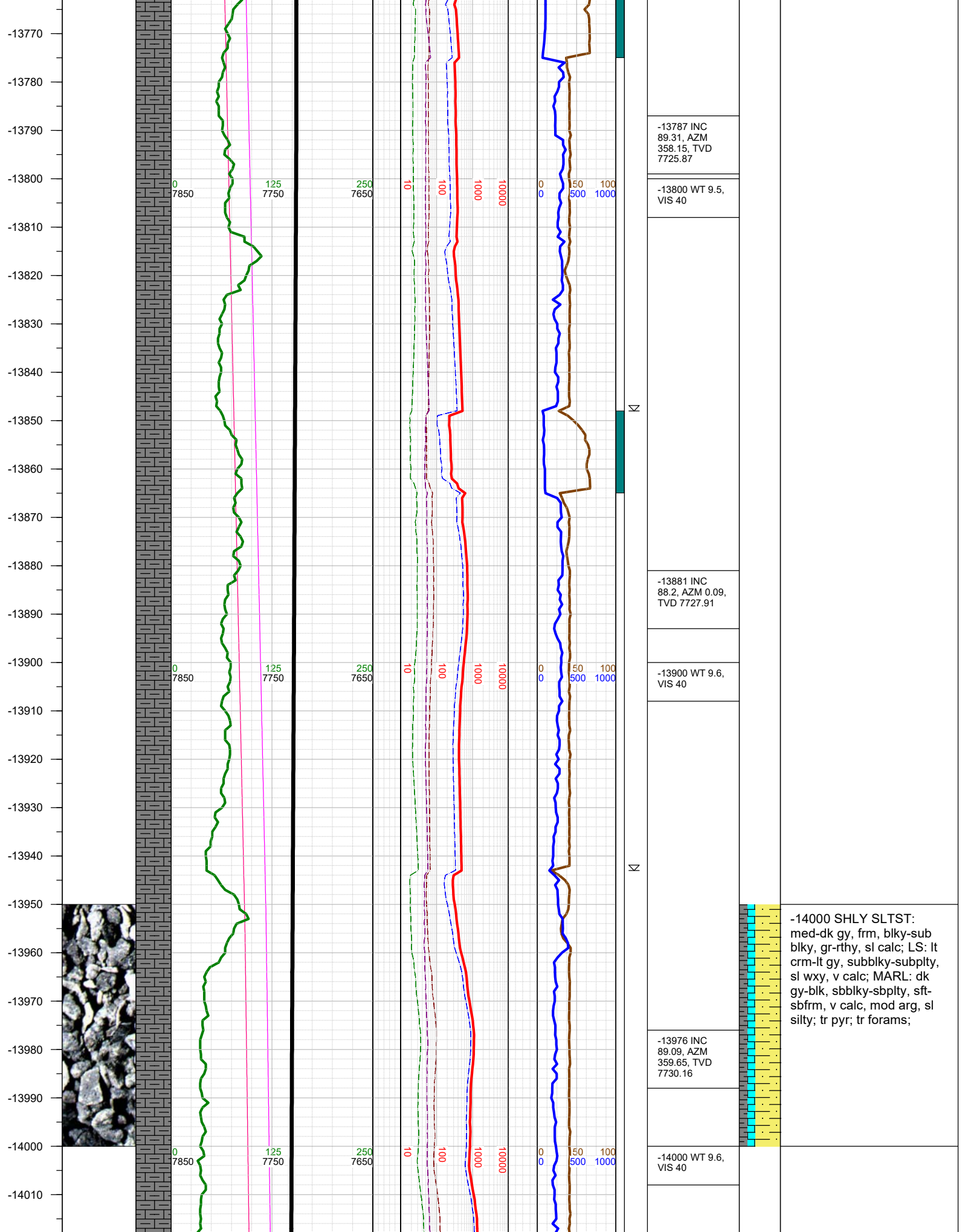


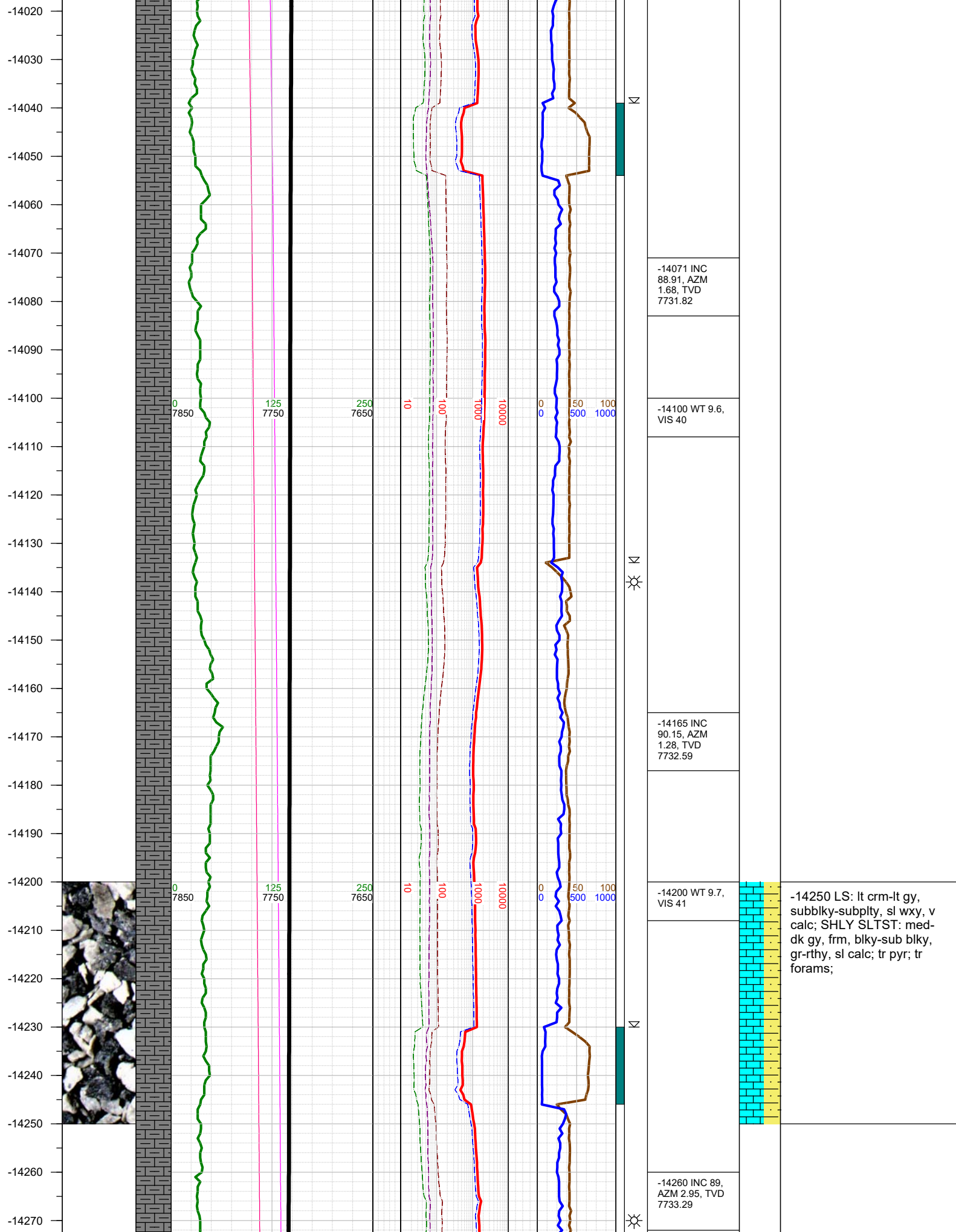


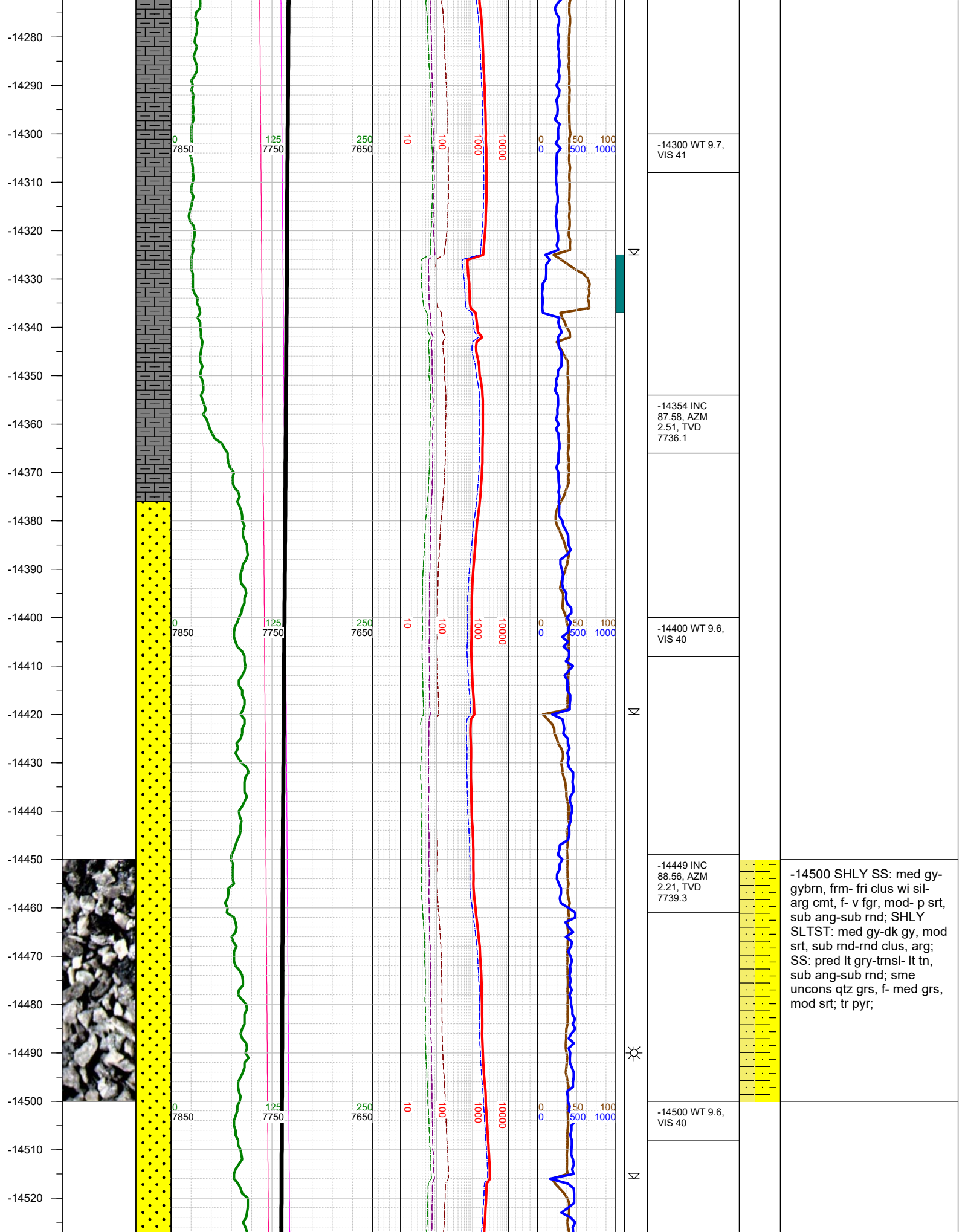




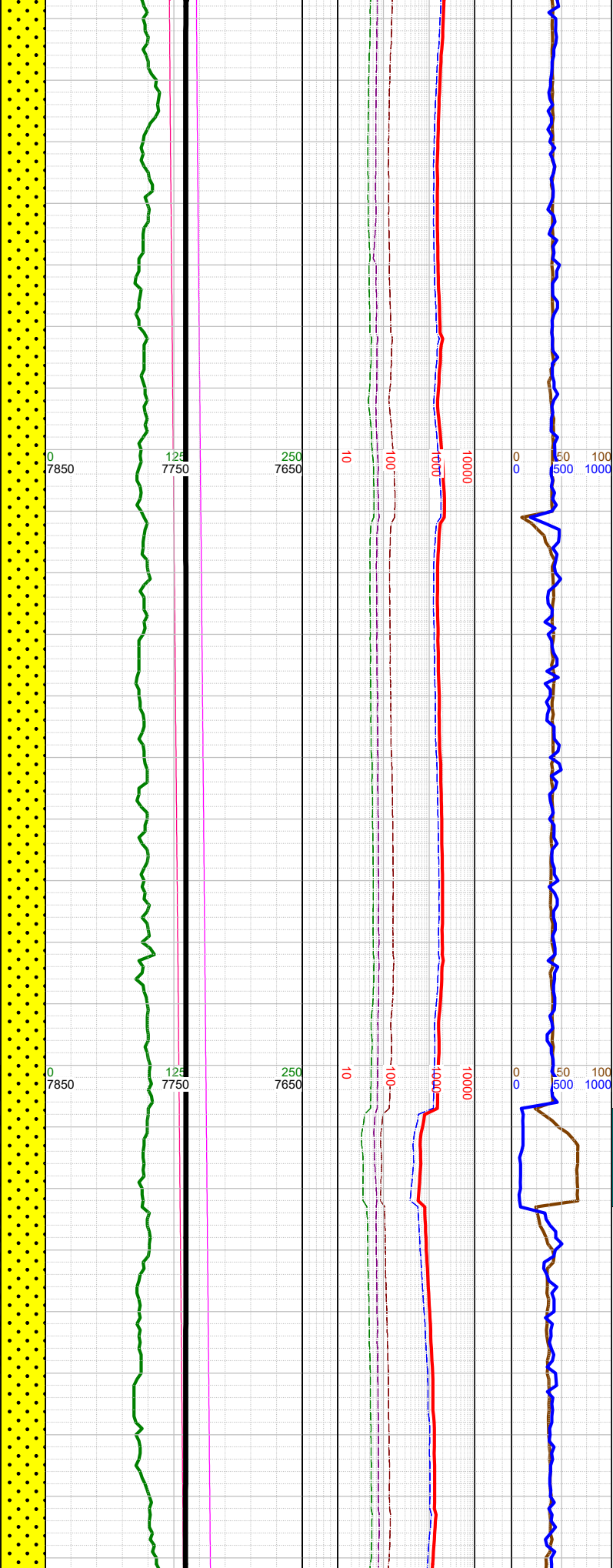








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-14543 INC
89.4, AZM 1.63,
TVD 7740.97

-14600 WT 9.6,
VIS 40

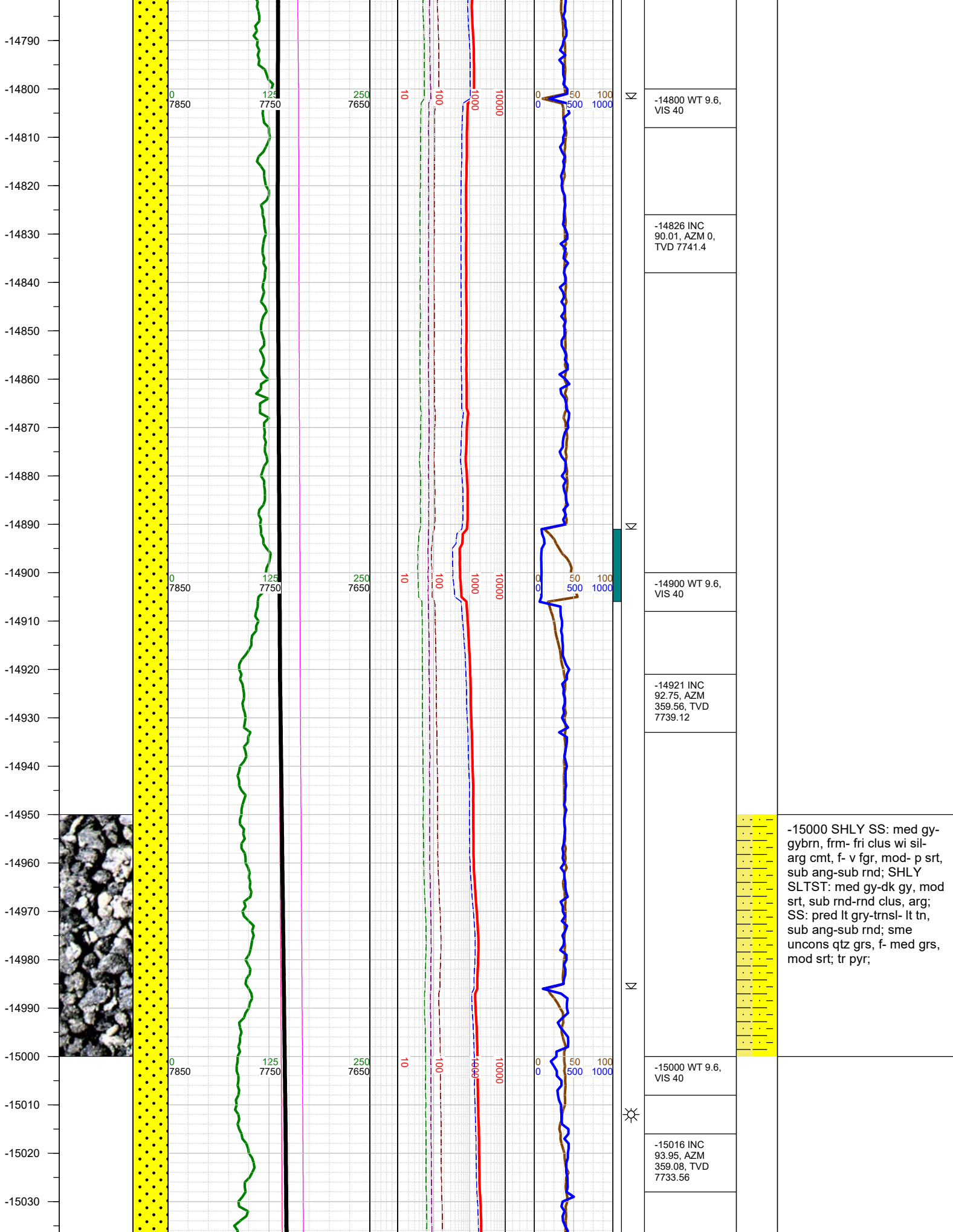
-14638 INC
90.9, AZM 1.28,
TVD 7740.72

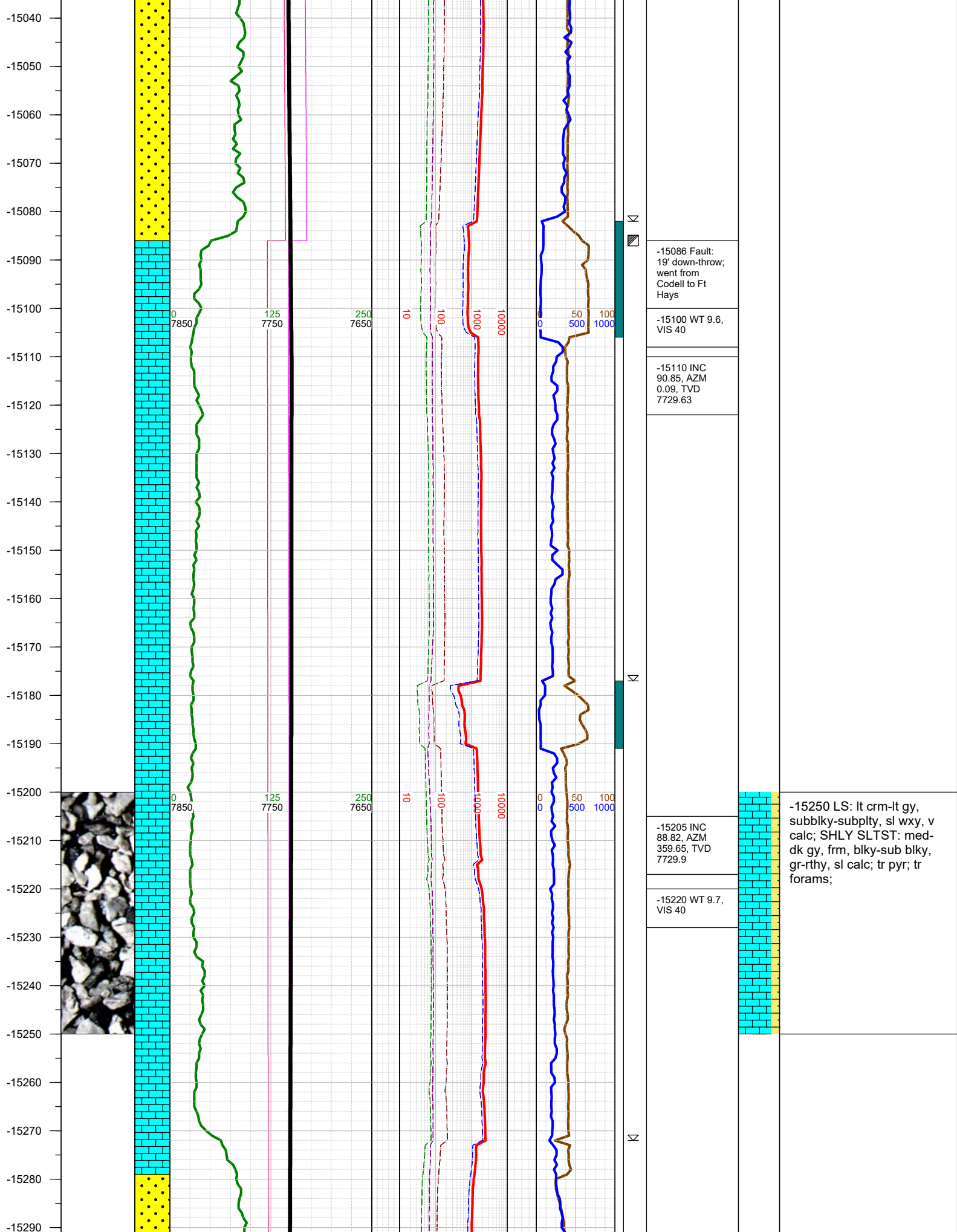
-14700 WT 9.6,
VIS 40

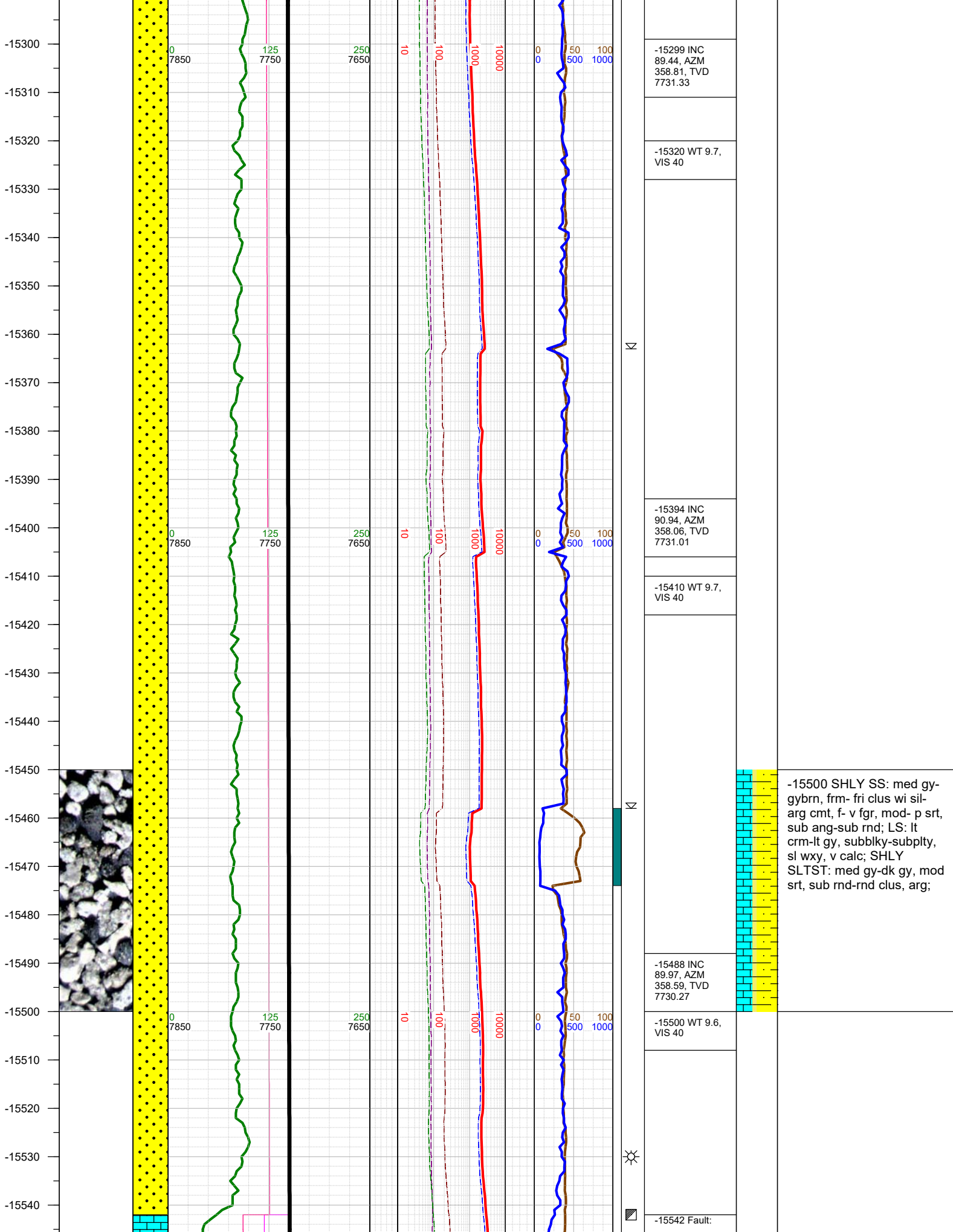
-14732 INC
89.13, AZM
0.97, TVD
7740.7

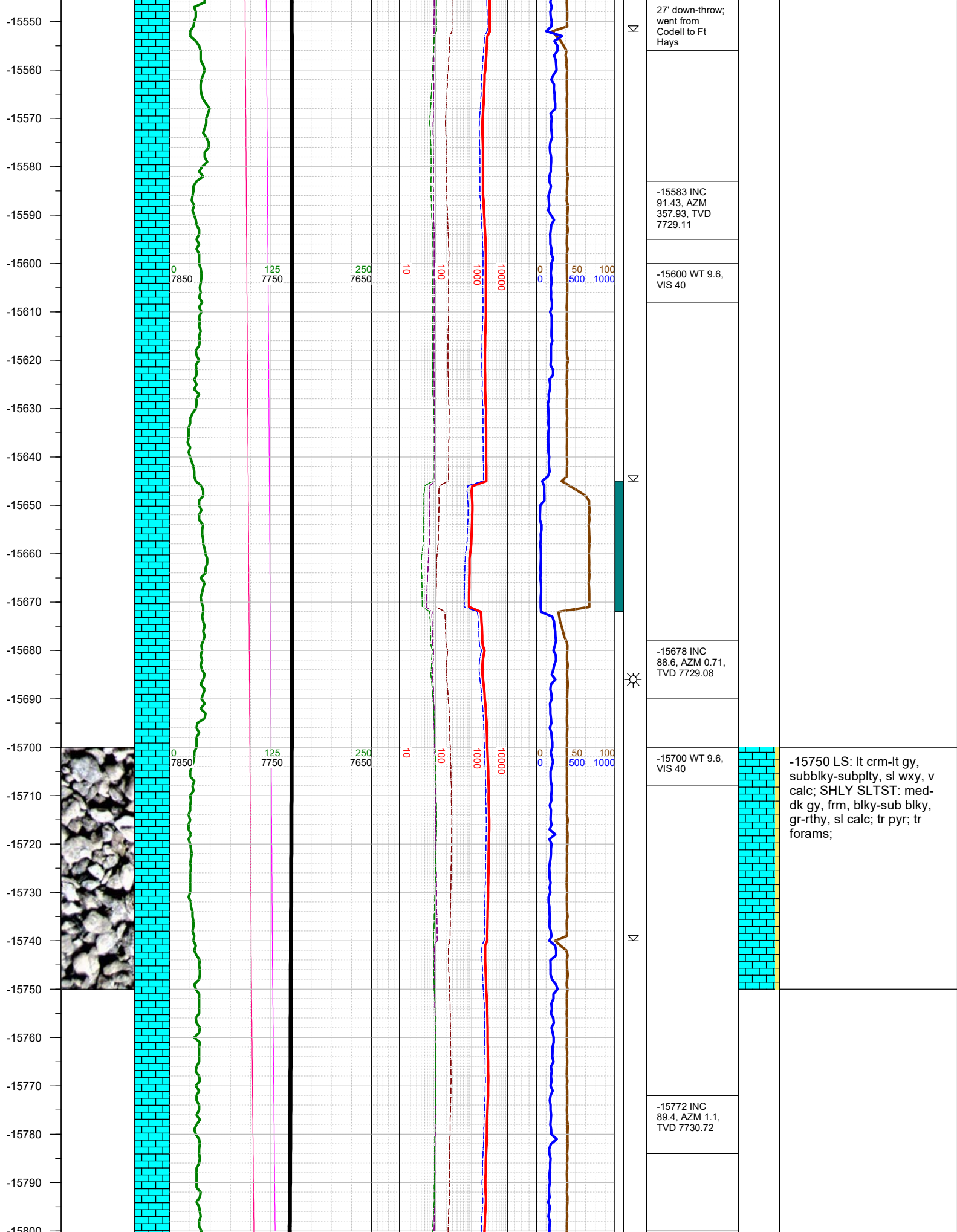


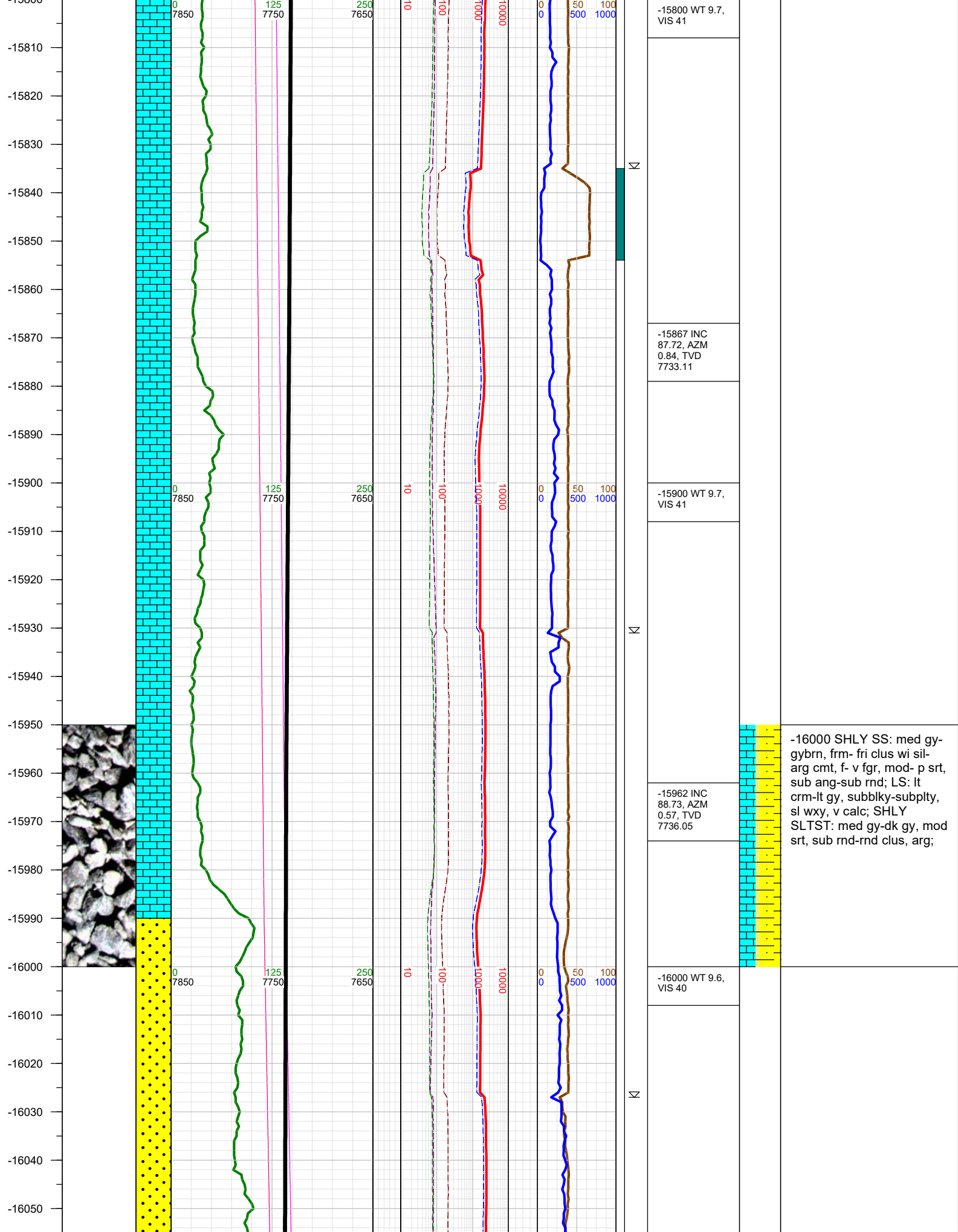
-14750 SHLY SLTST: med
gy-dk gy, mod srt, sub rnd-
rnd clus, arg; SHLY SS:
med gy- gybrn, frm- fri clus
wi sil-arg cmt, f- v fgr, mod-
p srt, sub ang-sub rnd;

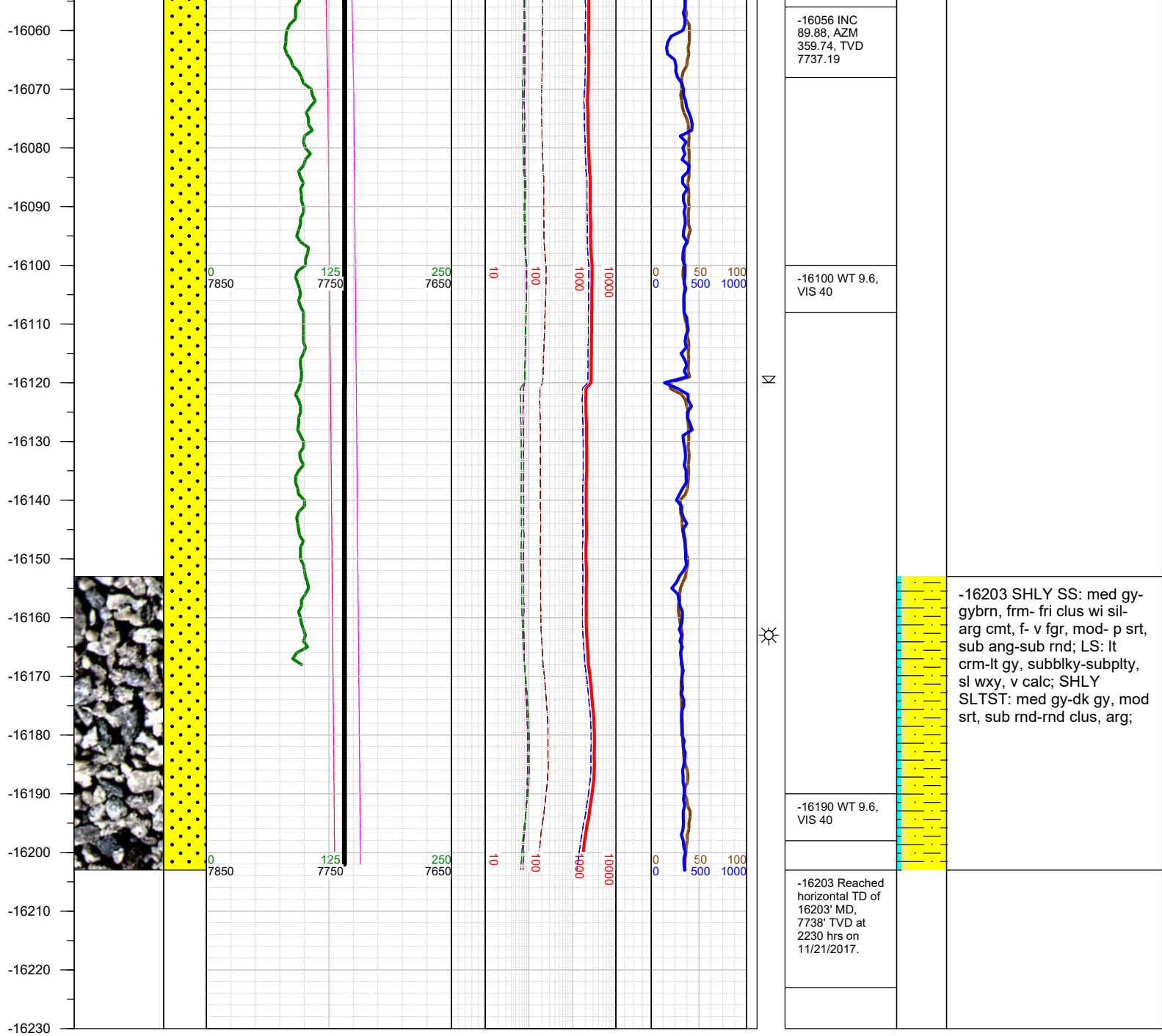












TOTAL DEPTH = 16203'

Thank you for using Earth Science Agency