

OPERATOR: **Extraction Oil & Gas**

WELL NAME: **McGirr 6C**

FIELD NAME: DJ Basin - Wattenberg

DRILLING RIG: Patterson 346

API #: 05-069-06490

LAT/LONG: 40.369144, -104.966161

SURFACE HOLE: NESE S26-T5N-R68W, 1998' FSL, 409' FEL

BOTTOM HOLE: S27-T5N-R68W, 1484' FSL, 460' FWL

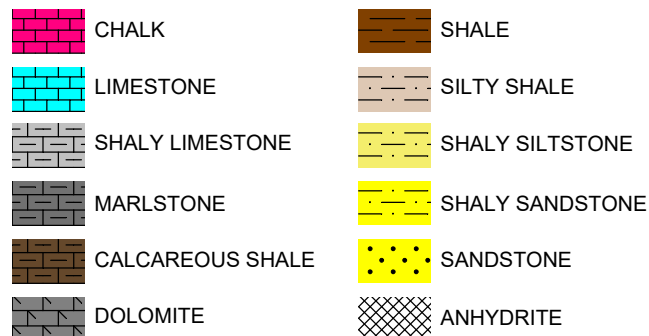


Earth Science Agency, LLC

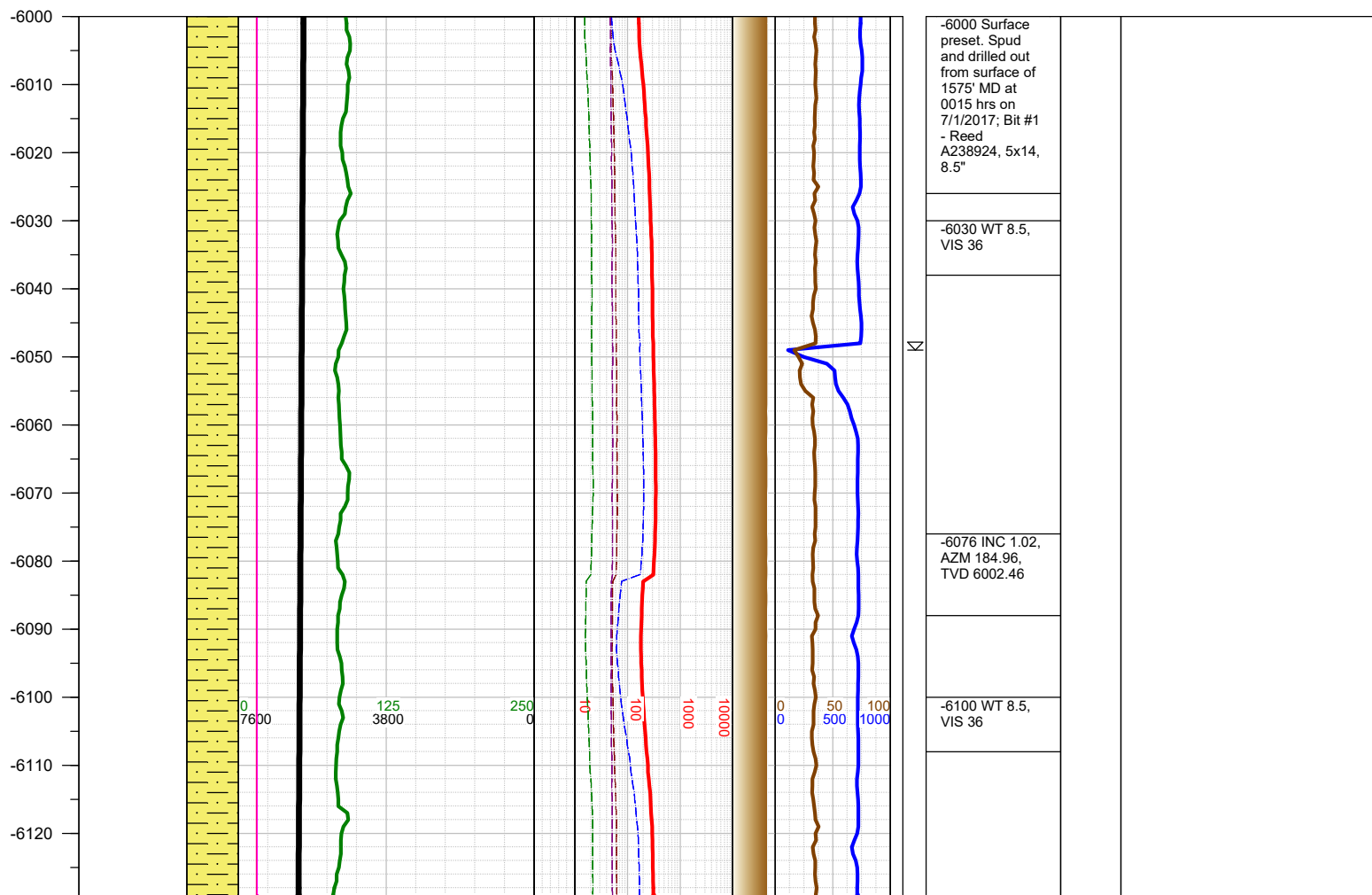
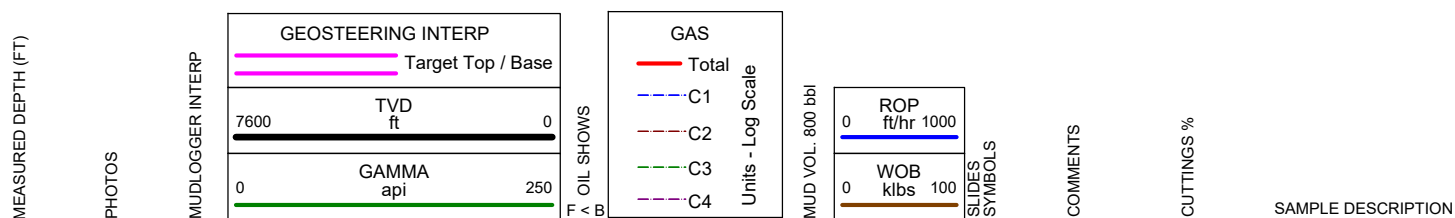
COUNTY: Larimer
STATE: Colorado
GROUND ELEVATION: 4945'
KELLY BUSHING: 4970'
DRILLING FLUID: OBM
TVD VS. MD: 7071' / 17010'
SPUD DATE: July 1, 2017
TD DATE: July 4, 2017

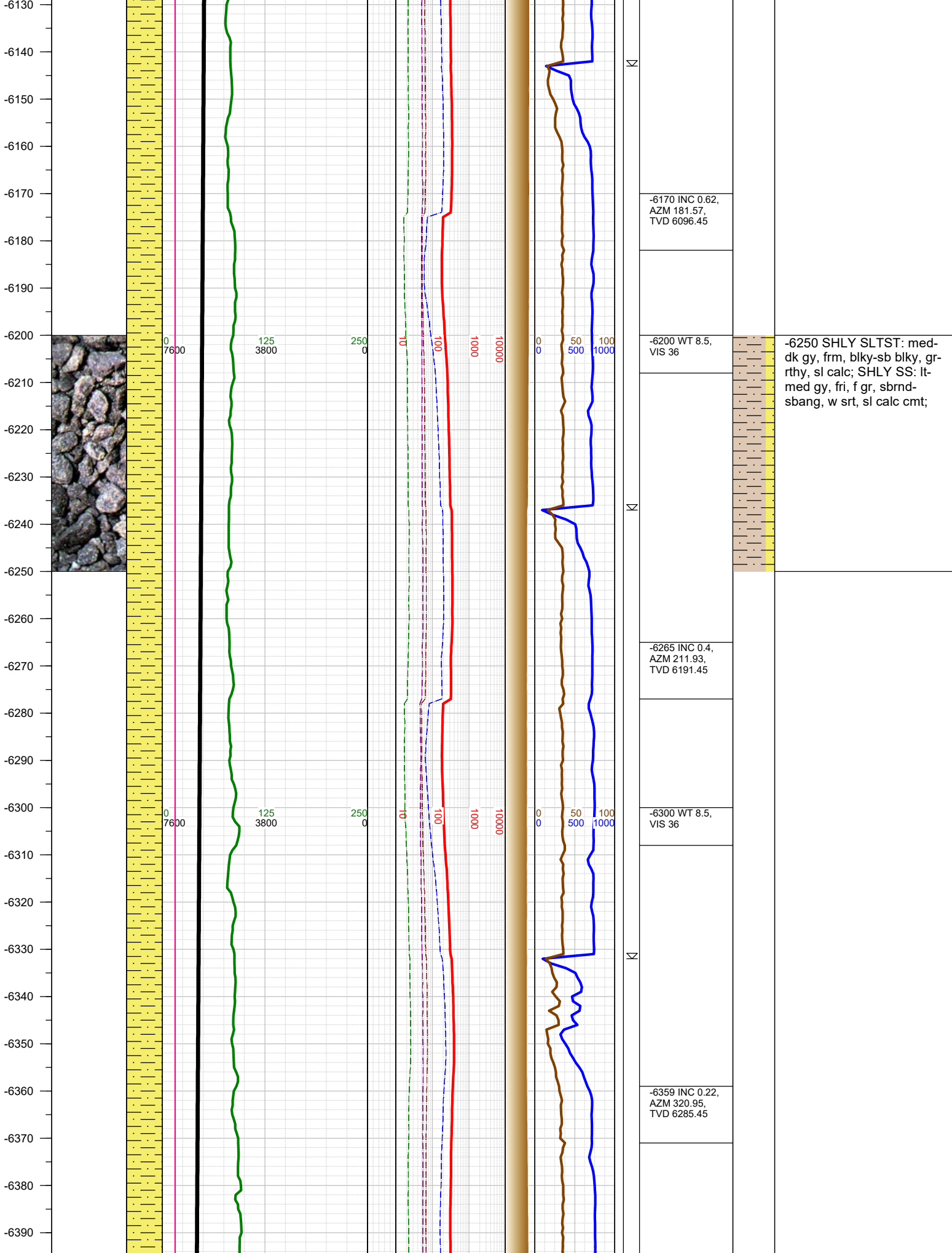
DEPTHS LOGGED: 6000' - 17010'
DATES LOGGED: July 1, 2017 - July 4, 2017
GEOLOGISTS: Ross Apodaca, Brian Whitfield
SCALE: 5" = 100'

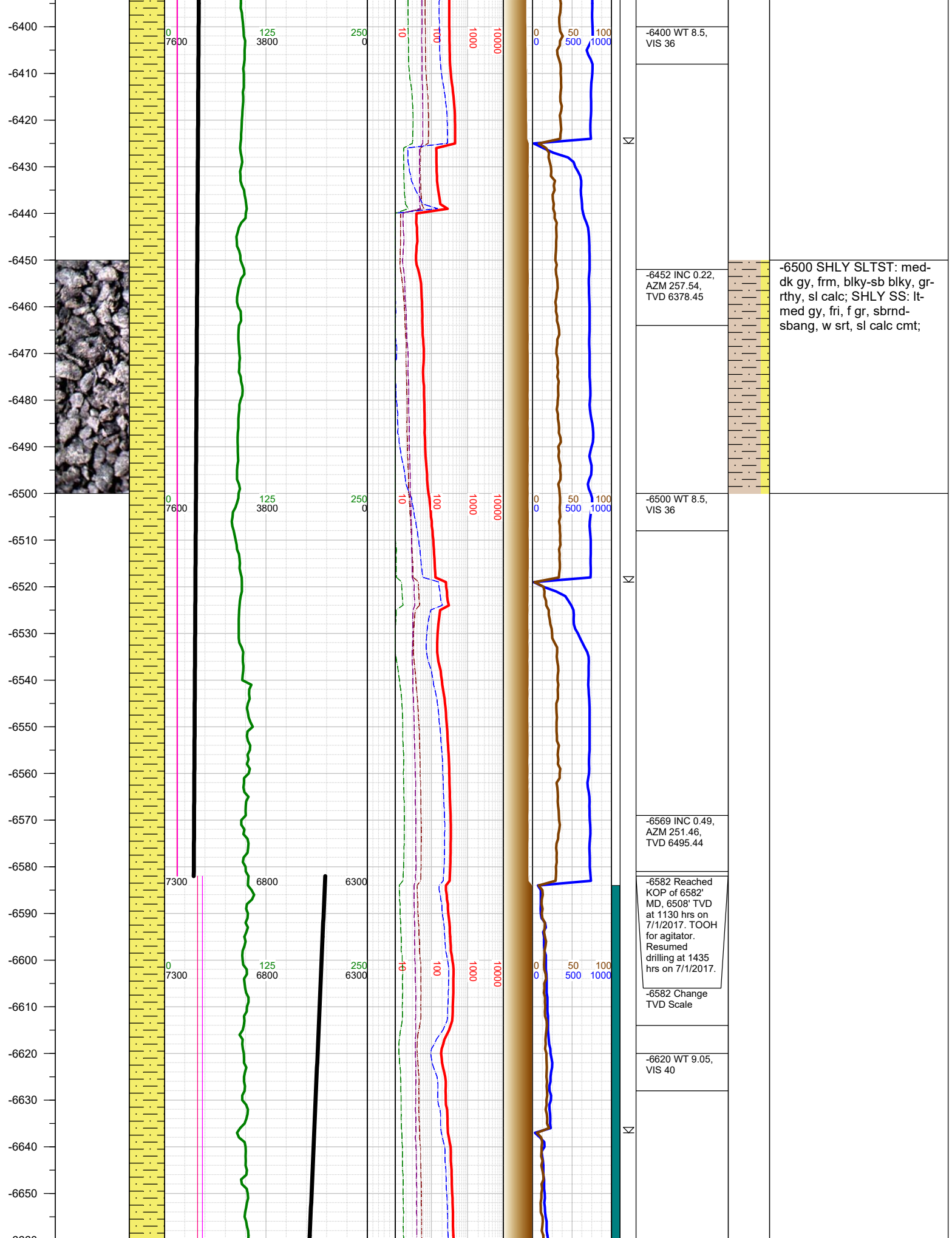
LEGEND

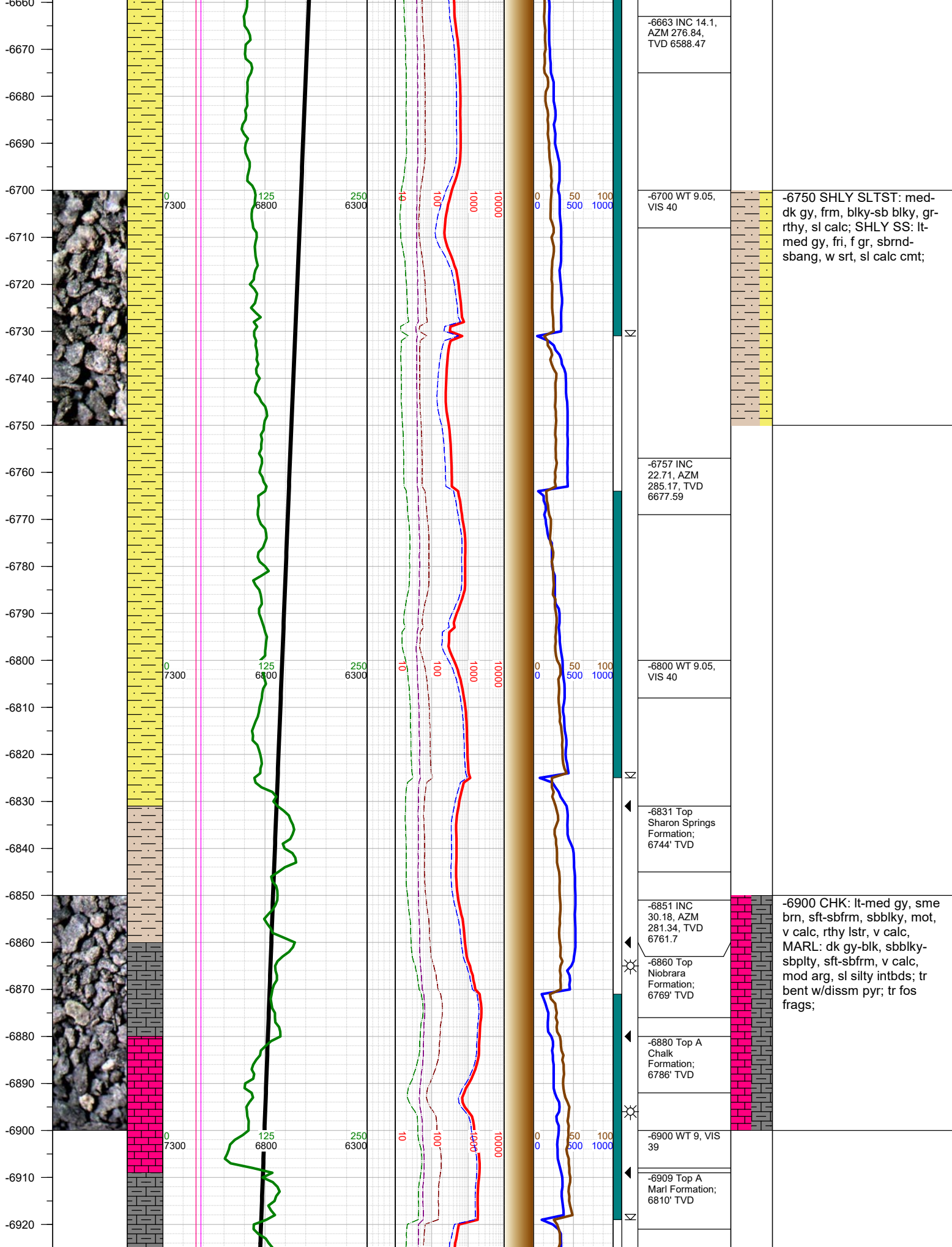


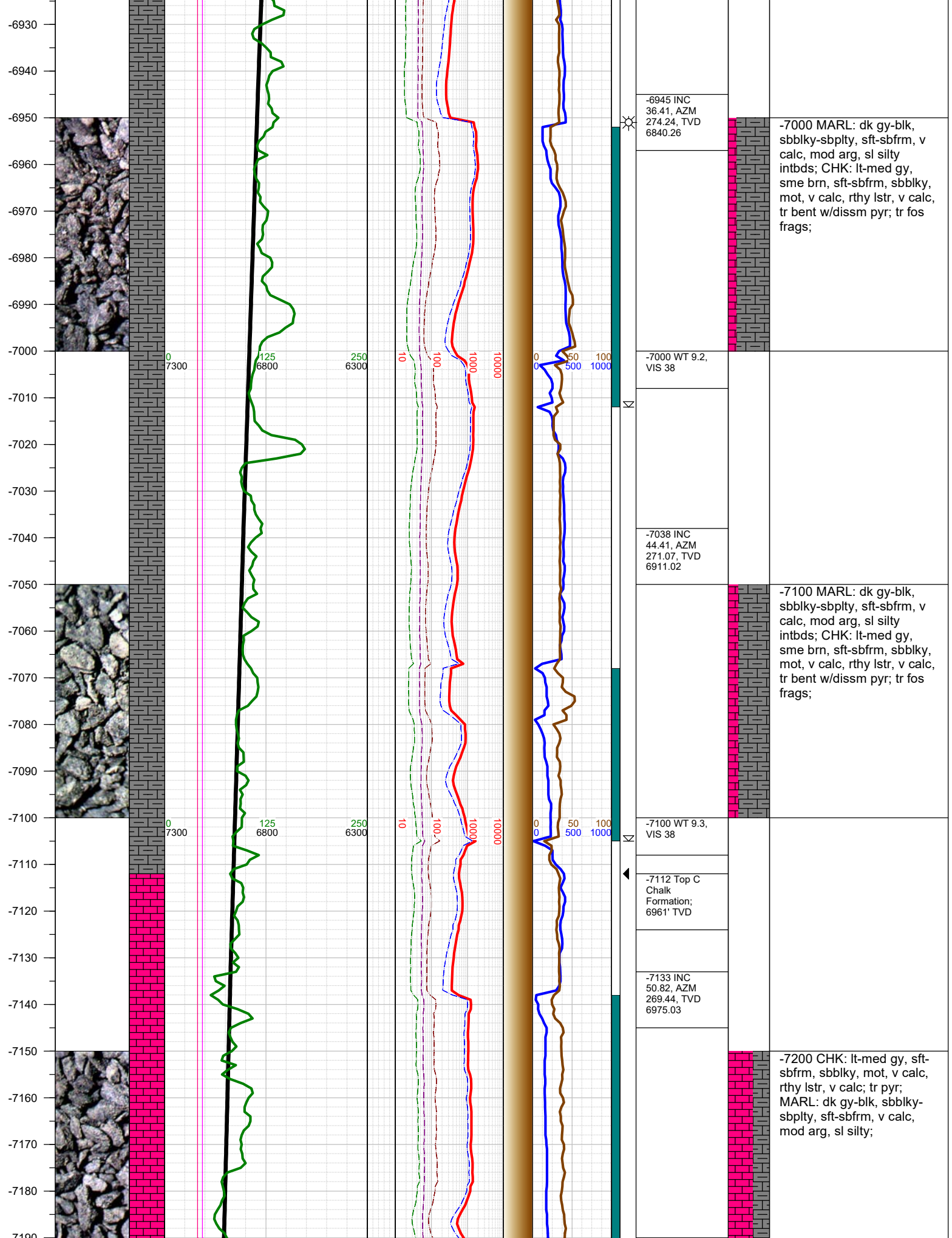
FORMATION \approx CONNECTION Δ MIDNIGHT NEW BIT GAS SHOW FAULT

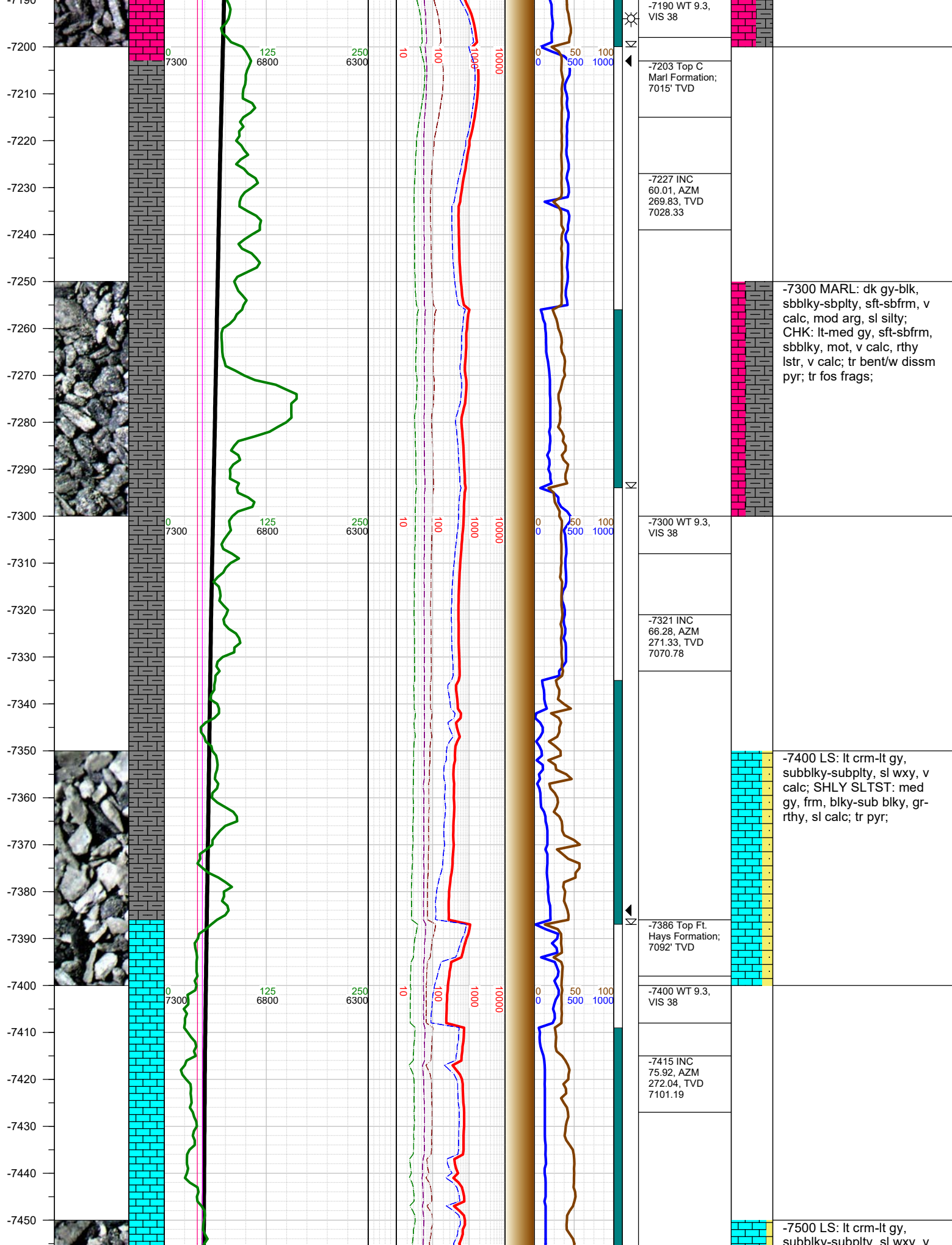


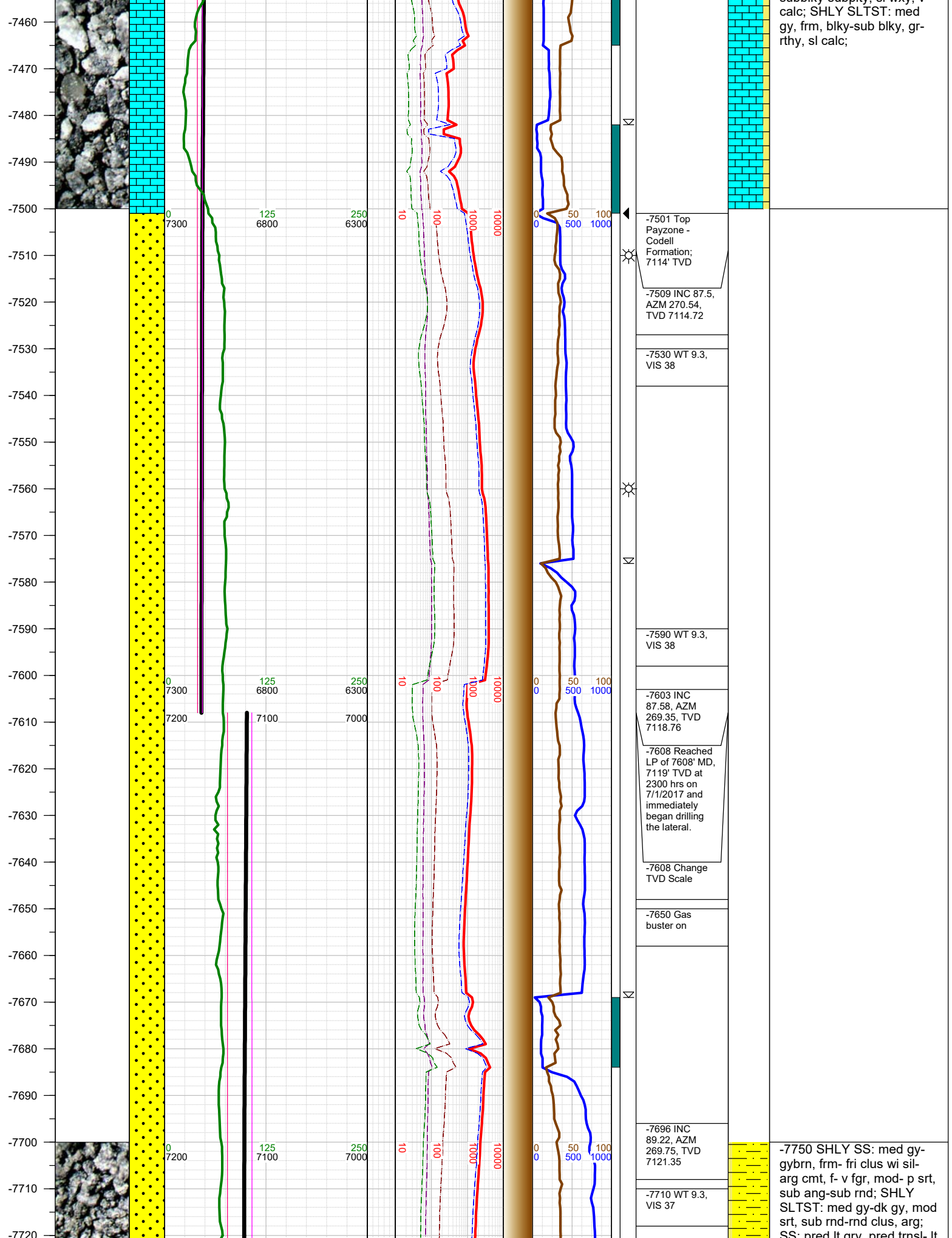


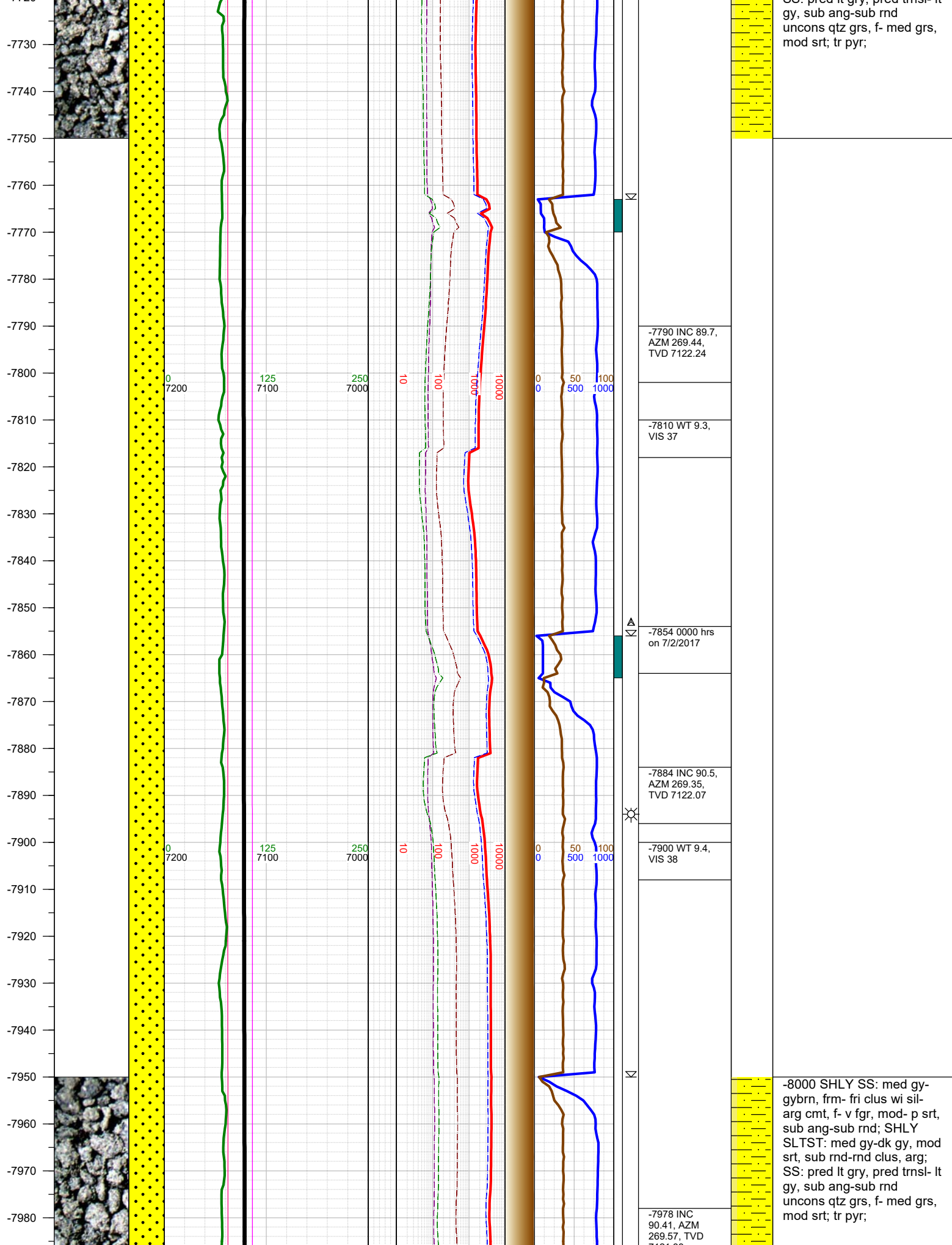






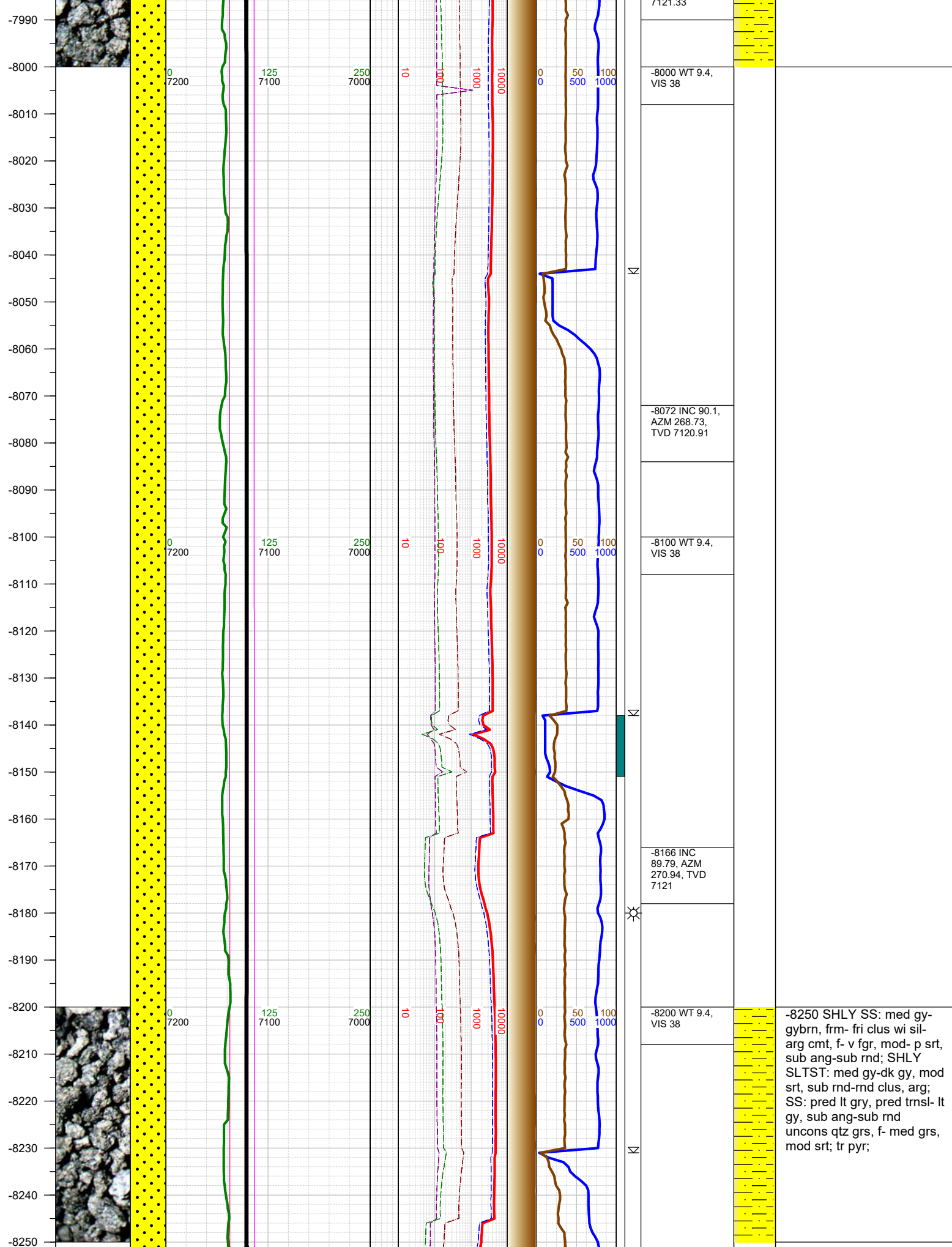


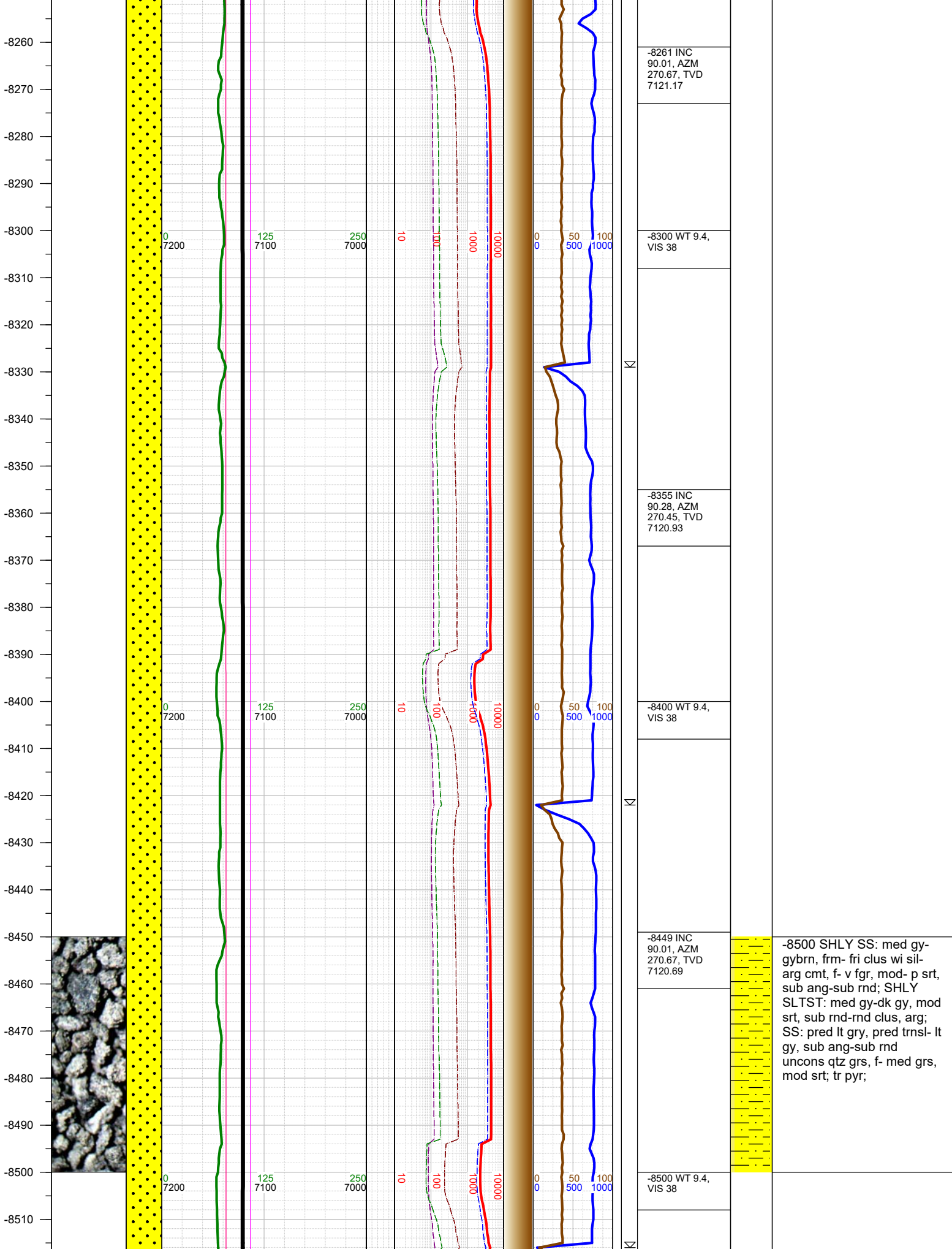




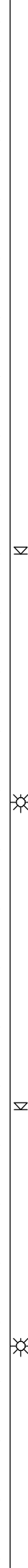
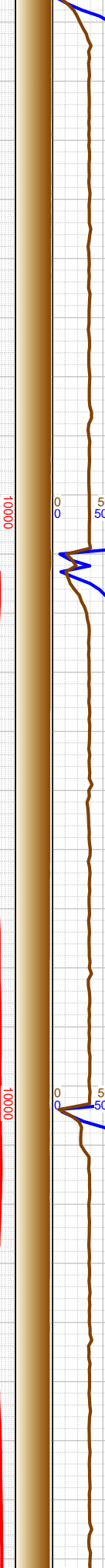
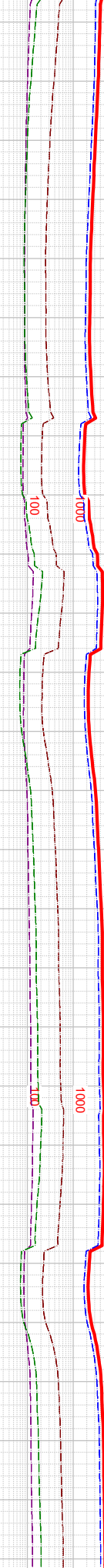
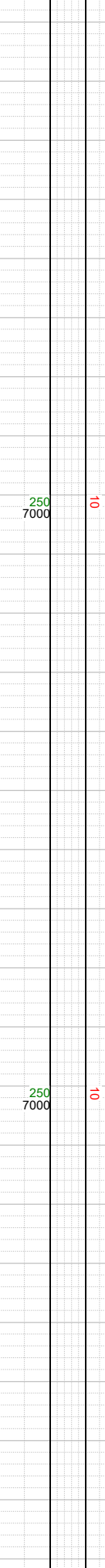
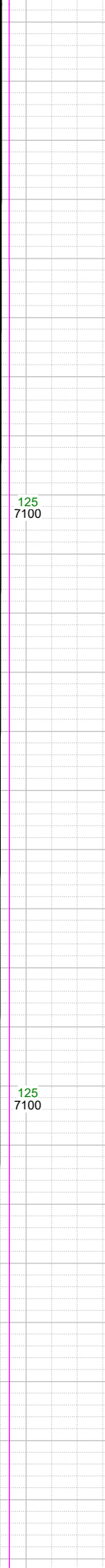
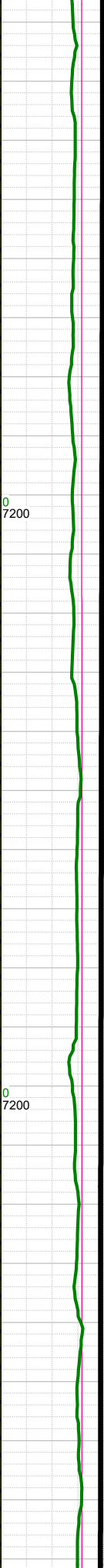
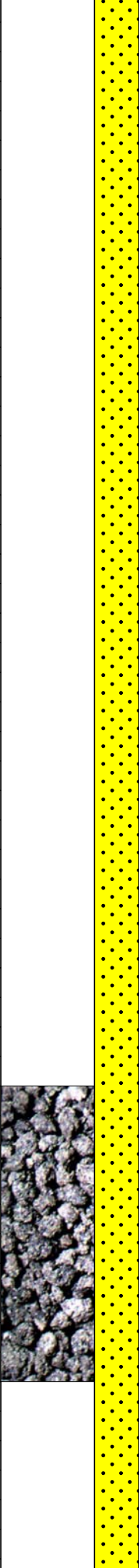
SS: pred lt gry; pred trns-
gy, sub ang-sub rnd
uncons qtz grs, f- med grs,
mod srt; tr pyr;

-8000 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, pred trns- lt
gy, sub ang-sub rnd
uncons qtz grs, f- med grs,
mod srt; tr pyr;

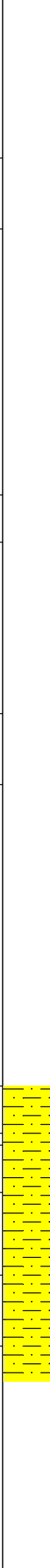




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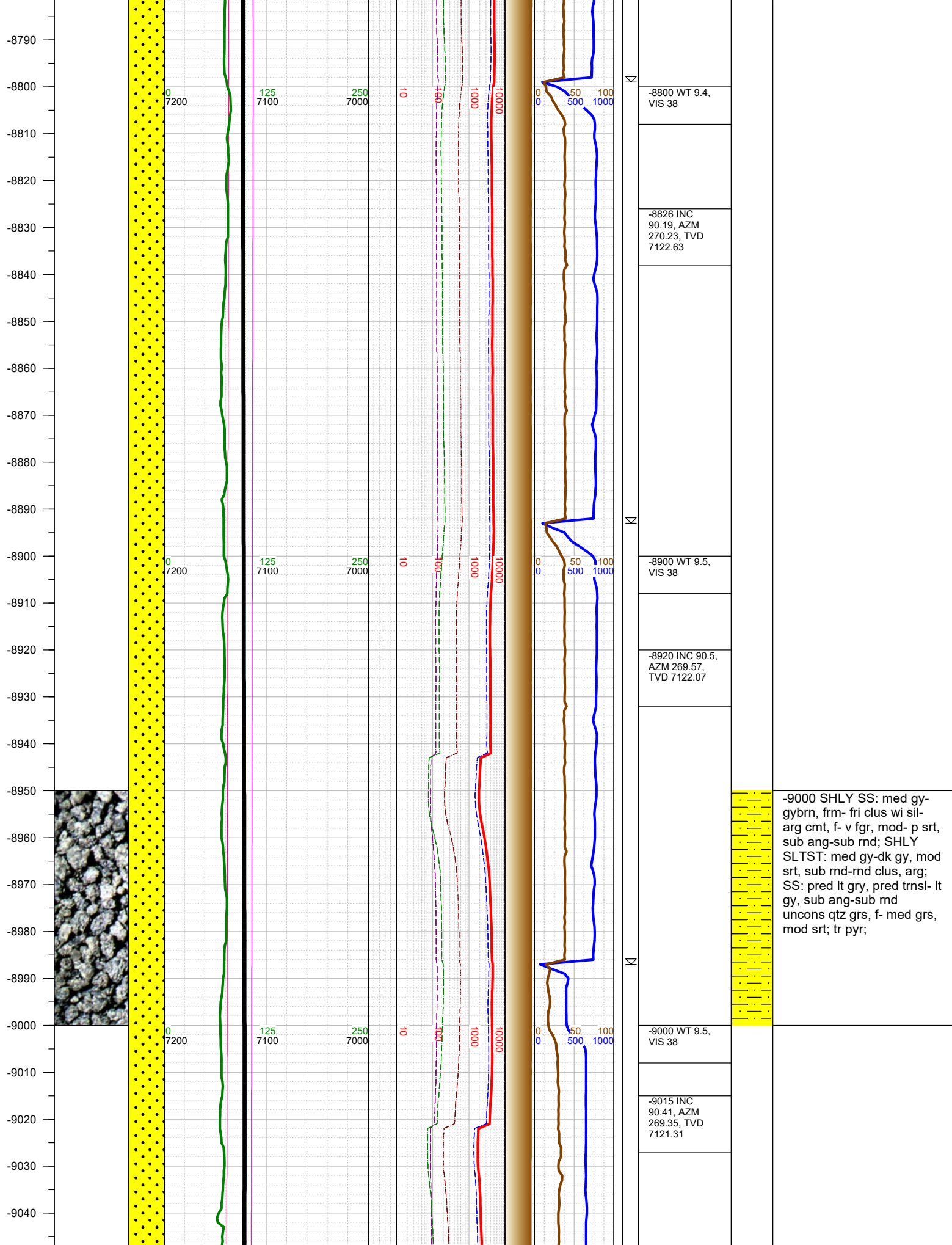


-8543 INC 89.62, AZM 270.45, TVD 7120.99
-8600 WT 9.4, VIS 38
-8637 INC 89.4, AZM 269.97, TVD 7121.8
-8700 Flare 6' high
-8710 WT 9.4, VIS 38
-8732 INC 89.7, AZM 270.36, TVD 7122.54

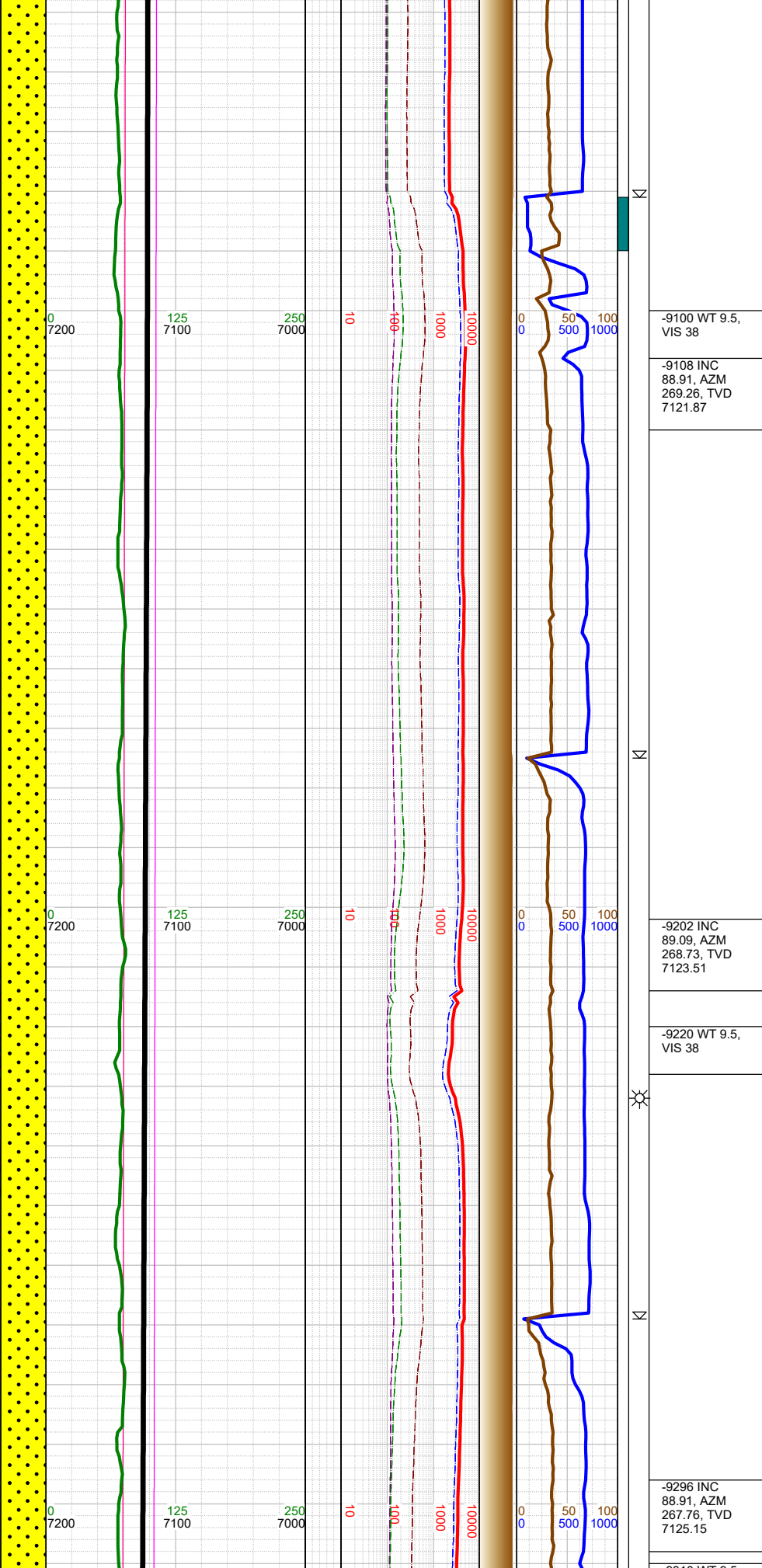


-8750 SHLY SS: med gy-
gybrn, frm- fri clus wi sil-
arg cmt, f- v fgr, mod- p srt,
sub ang-sub rnd; SHLY
SLTST: med gy-dk gy, mod
srt, sub rnd-rnd clus, arg;
SS: pred lt gry, pred trnsl- lt
gy, sub ang-sub rnd
uncons qtz grs, f- med grs,
mod srt; tr pyr;





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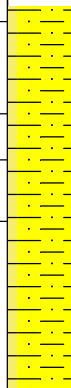
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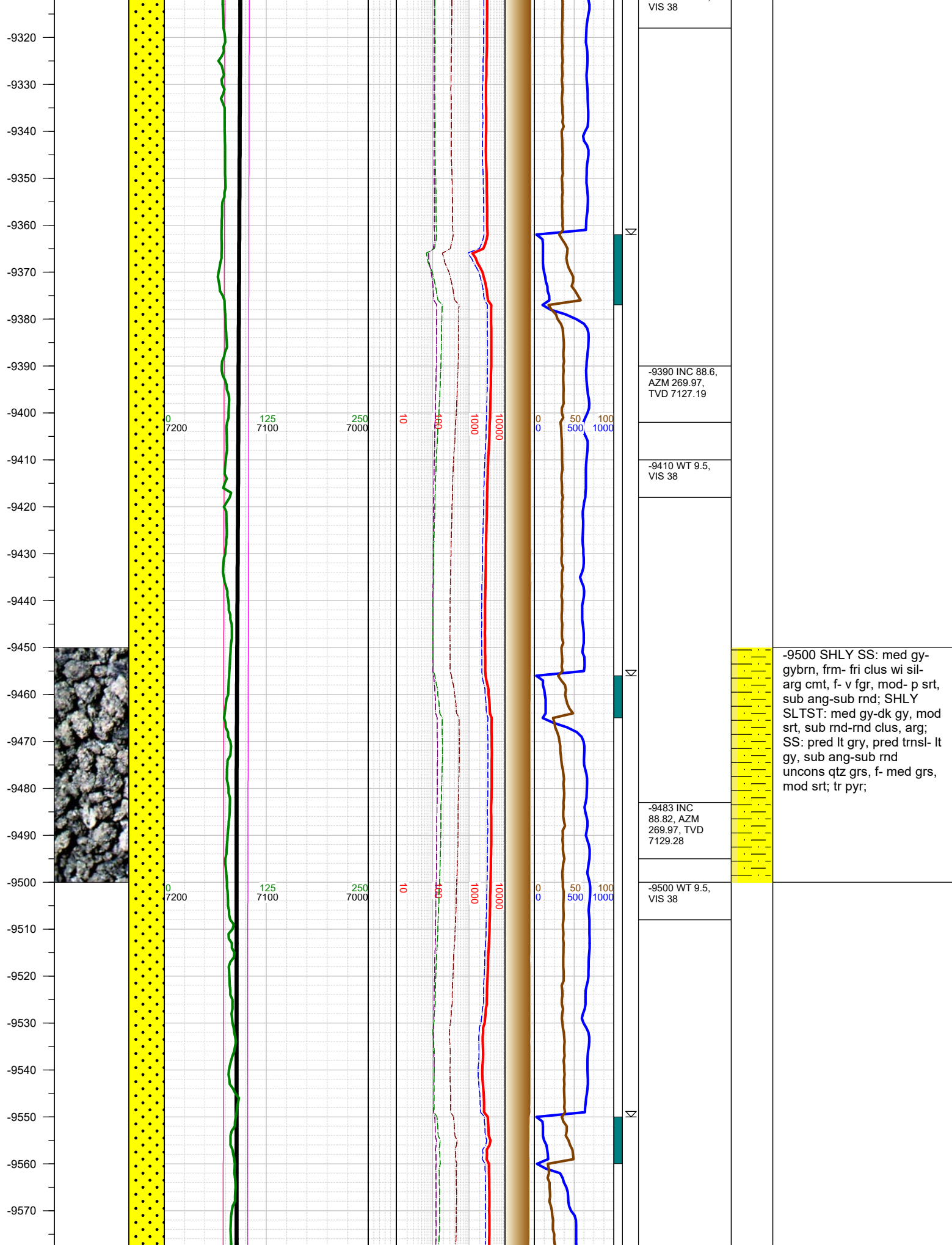
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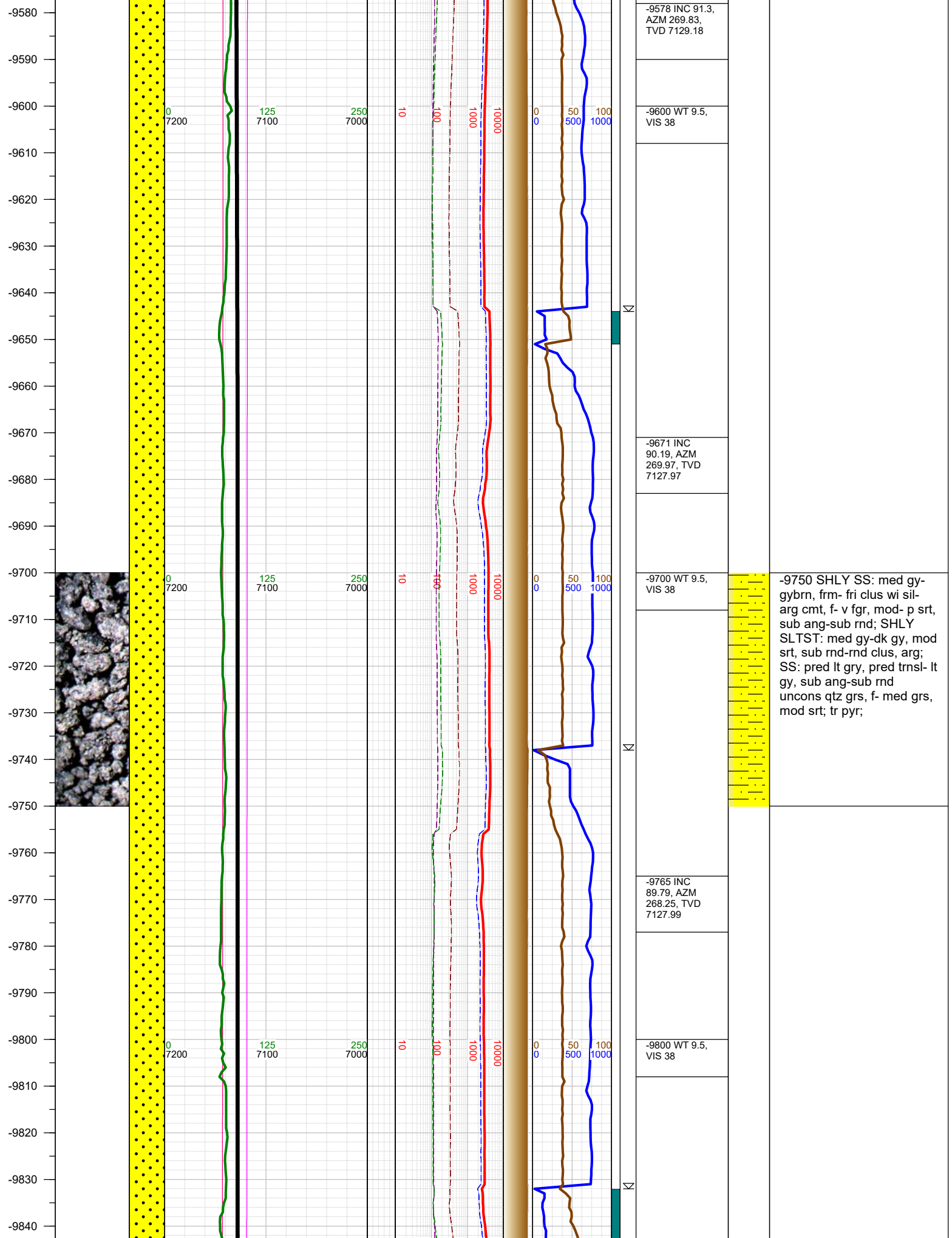
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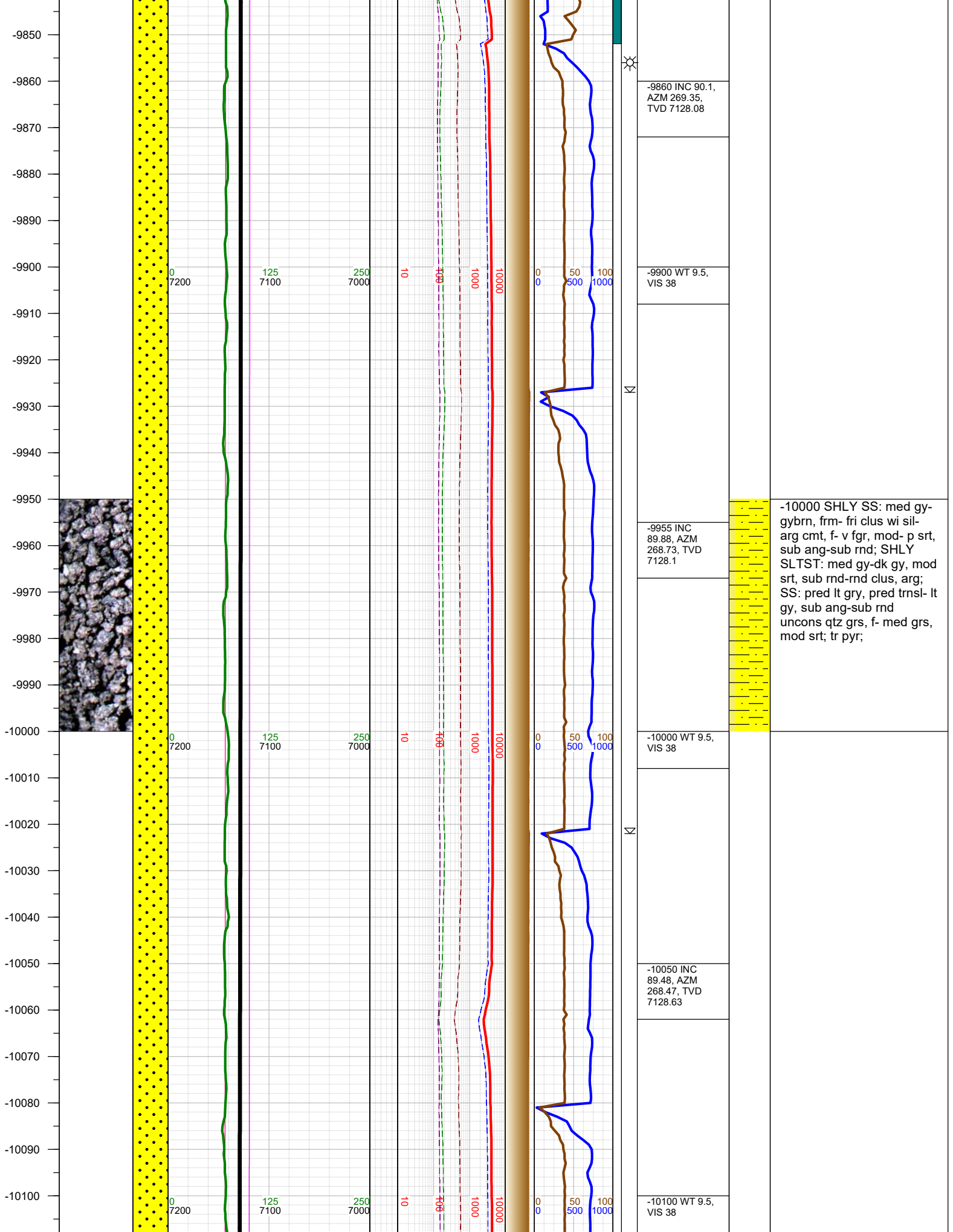
-9100 WT 9.5, VIS 38
-9108 INC 88.91, AZM 269.26, TVD 7121.87
-9202 INC 89.09, AZM 268.73, TVD 7123.51
-9220 WT 9.5, VIS 38
-9296 INC 88.91, AZM 267.76, TVD 7125.15
-9310 WT 9.5,



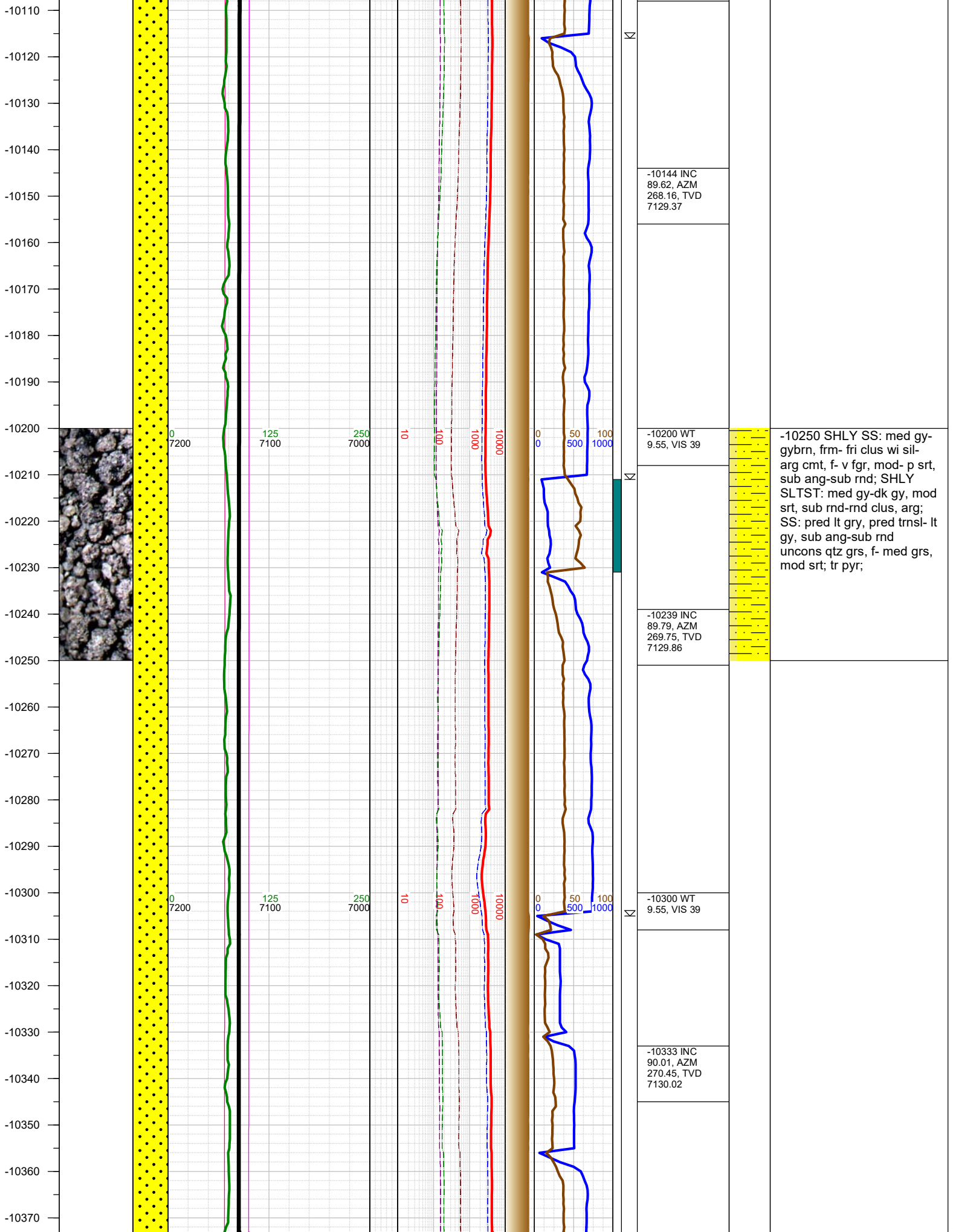
-9250 SHLY SS: med gy-
gybrn, frm- fri clus wi sil-
arg cmt, f- v fgr, mod- p srt,
sub ang-sub rnd; SHLY
SLTST: med gy-dk gy, mod
srt, sub rnd-rnd clus, arg;
SS: pred lt gry, pred trns- lt
gy, sub ang-sub rnd
uncons qtz grs, f- med grs,
mod srt; tr pyr;

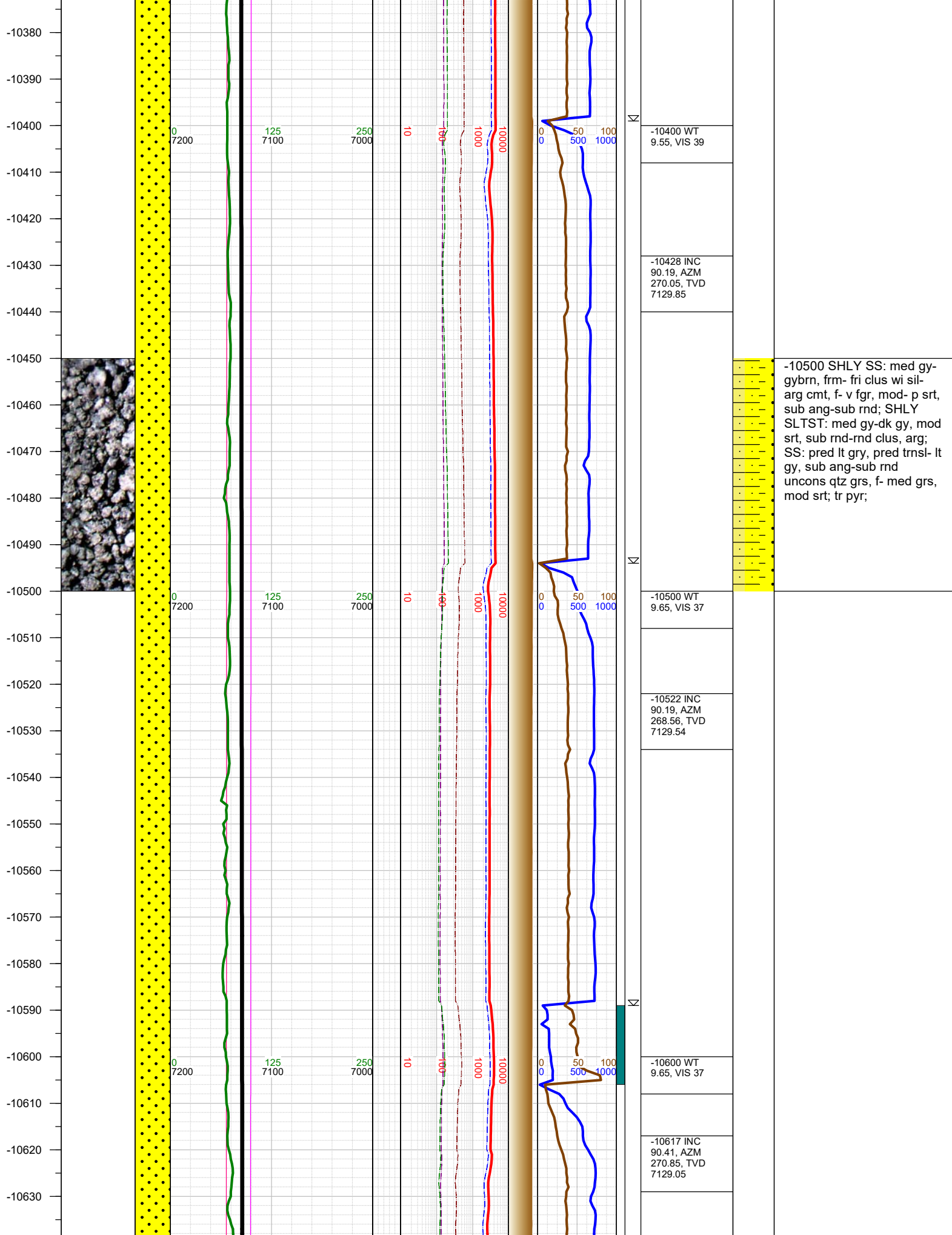


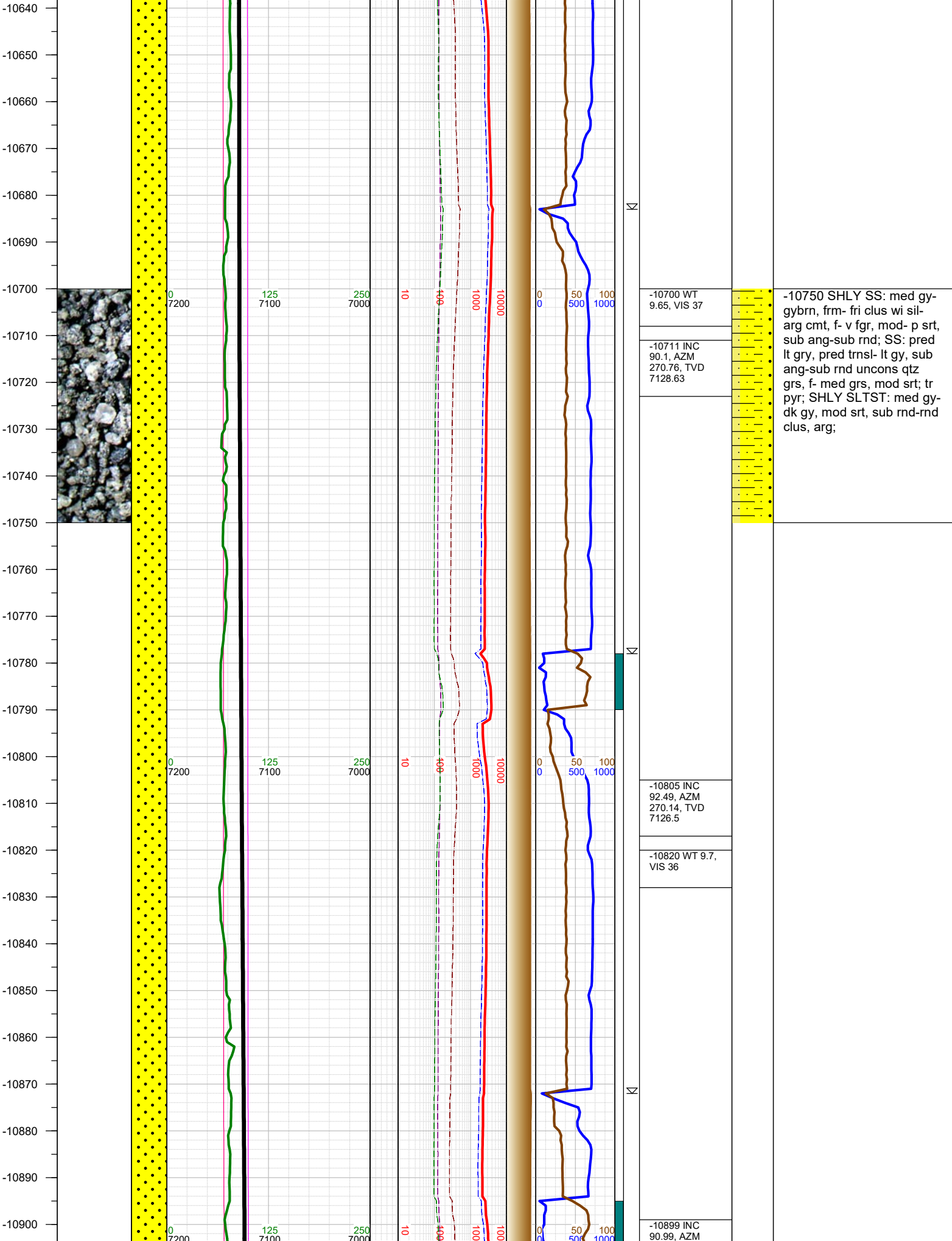




-10000 SHLY SS: med gy-gybrn, frm- fri clus wi sil-arg cmt, f- v fgr, mod- p srt, sub ang-sub rnd; SHLY SLTST: med gy-dk gy, mod srt, sub rnd-rnd clus, arg; SS: pred lt gry, pred trns- lt gy, sub ang-sub rnd uncons qtz grs, f- med grs, mod srt; tr pyr;







-10700 WT
9.65, VIS 37

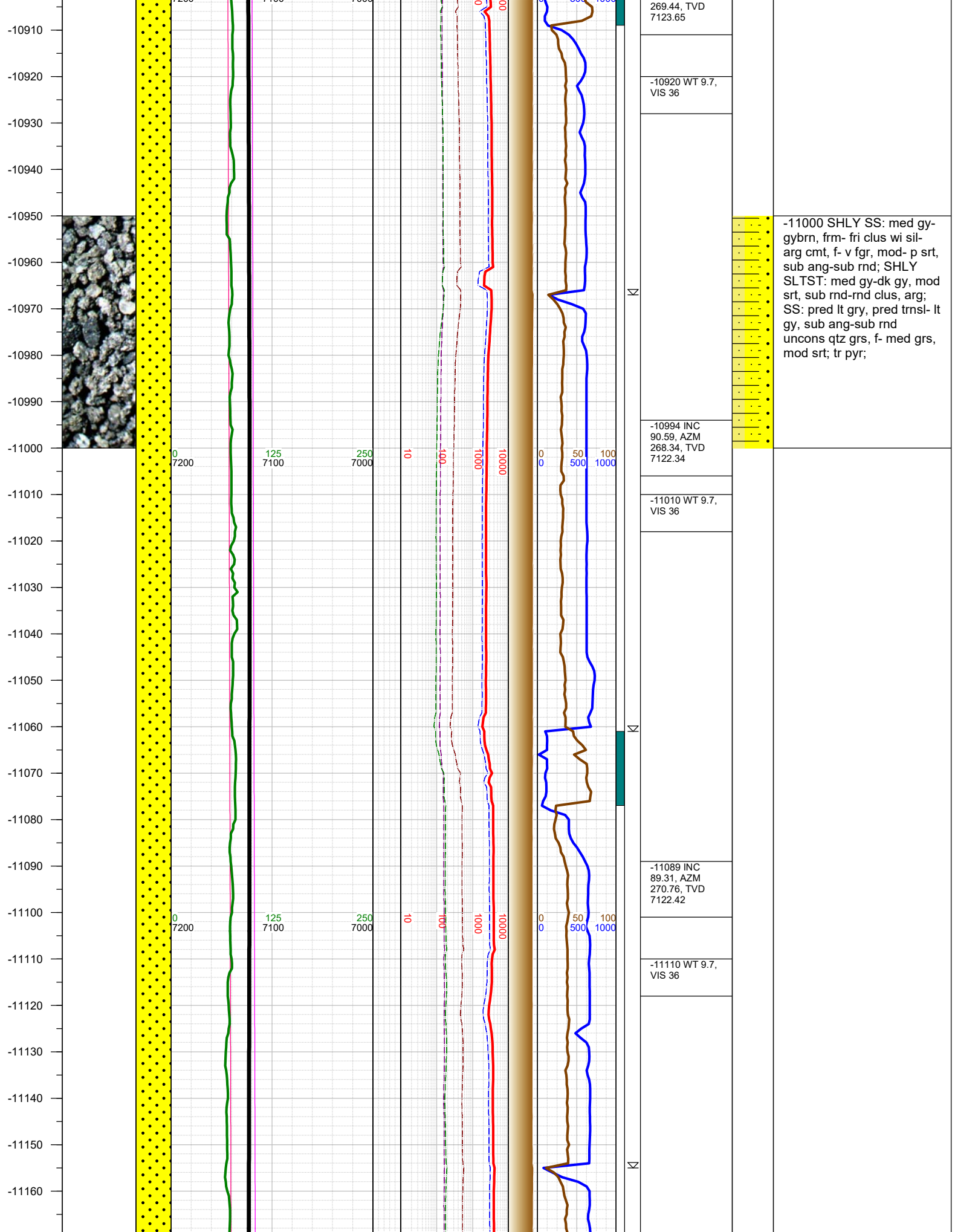
-10711 INC
90.1, AZM
270.76, TVD
7128.63

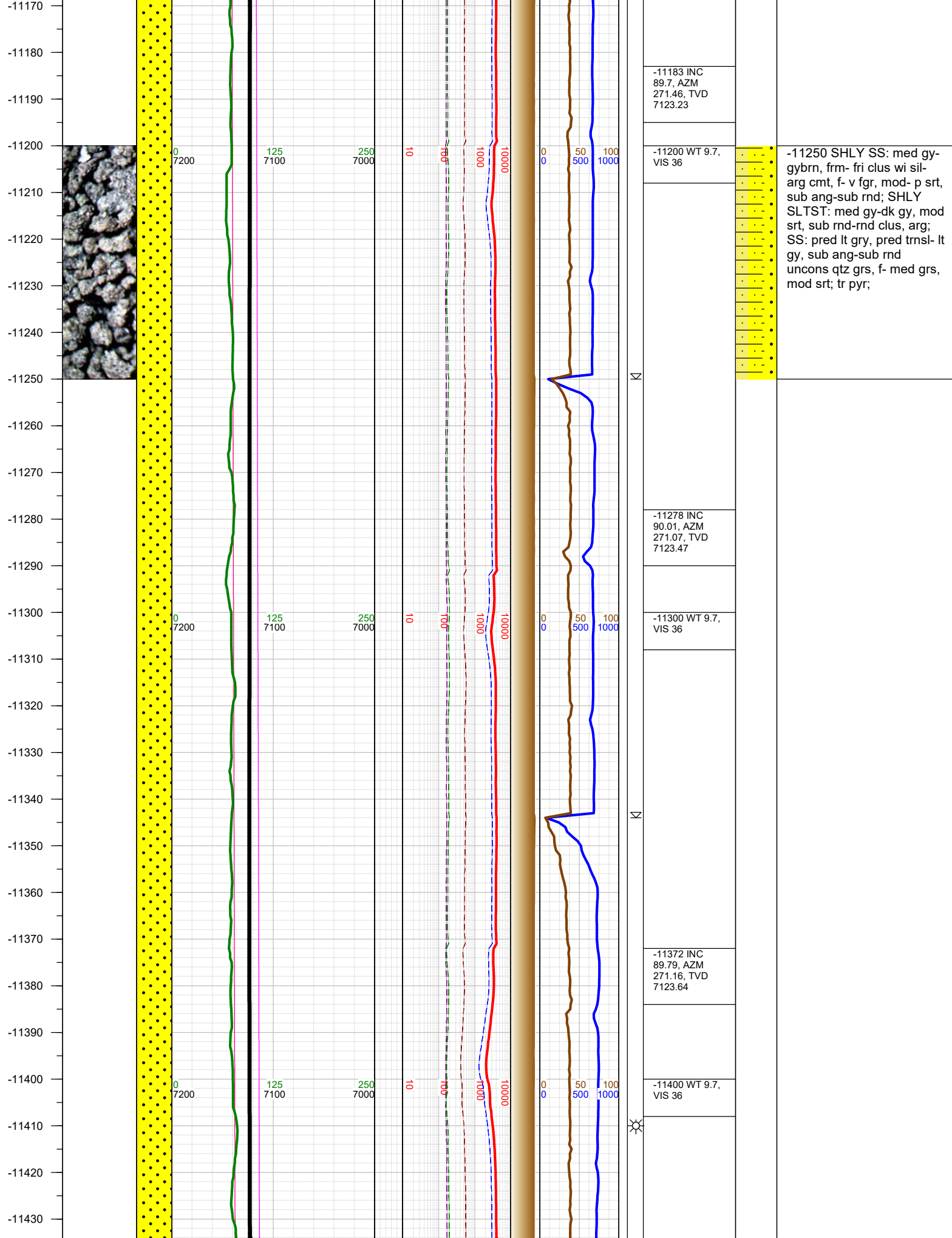
-10750 SHLY SS: med gy-
gybrn, frm- fri clus wi sil-
arg cmt, f- v fgr, mod- p srt,
sub ang-sub rnd; SS: pred
lt gry, pred trnsl- lt gy, sub
ang-sub rnd unconc qtz
grs, f- med grs, mod srt; tr
pyr; SHLY SLTST: med gy-
dk gy, mod srt, sub rnd-rnd
clus, arg;

-10805 INC
92.49, AZM
270.14, TVD
7126.5

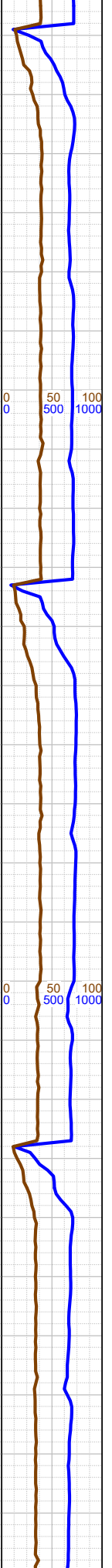
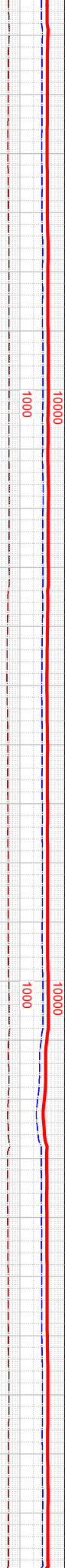
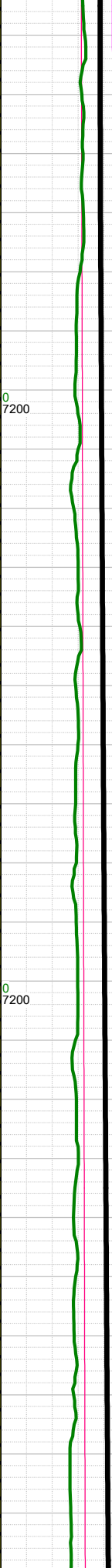
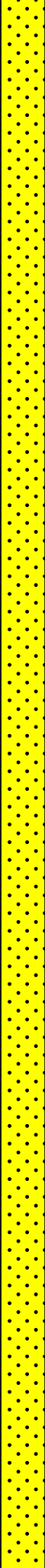
-10820 WT 9.7,
VIS 36

-10899 INC
90.99, AZM





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-11467 INC
91.12, AZM
272.57, TVD
7122.88

-11500 WT 9.7,
VIS 36

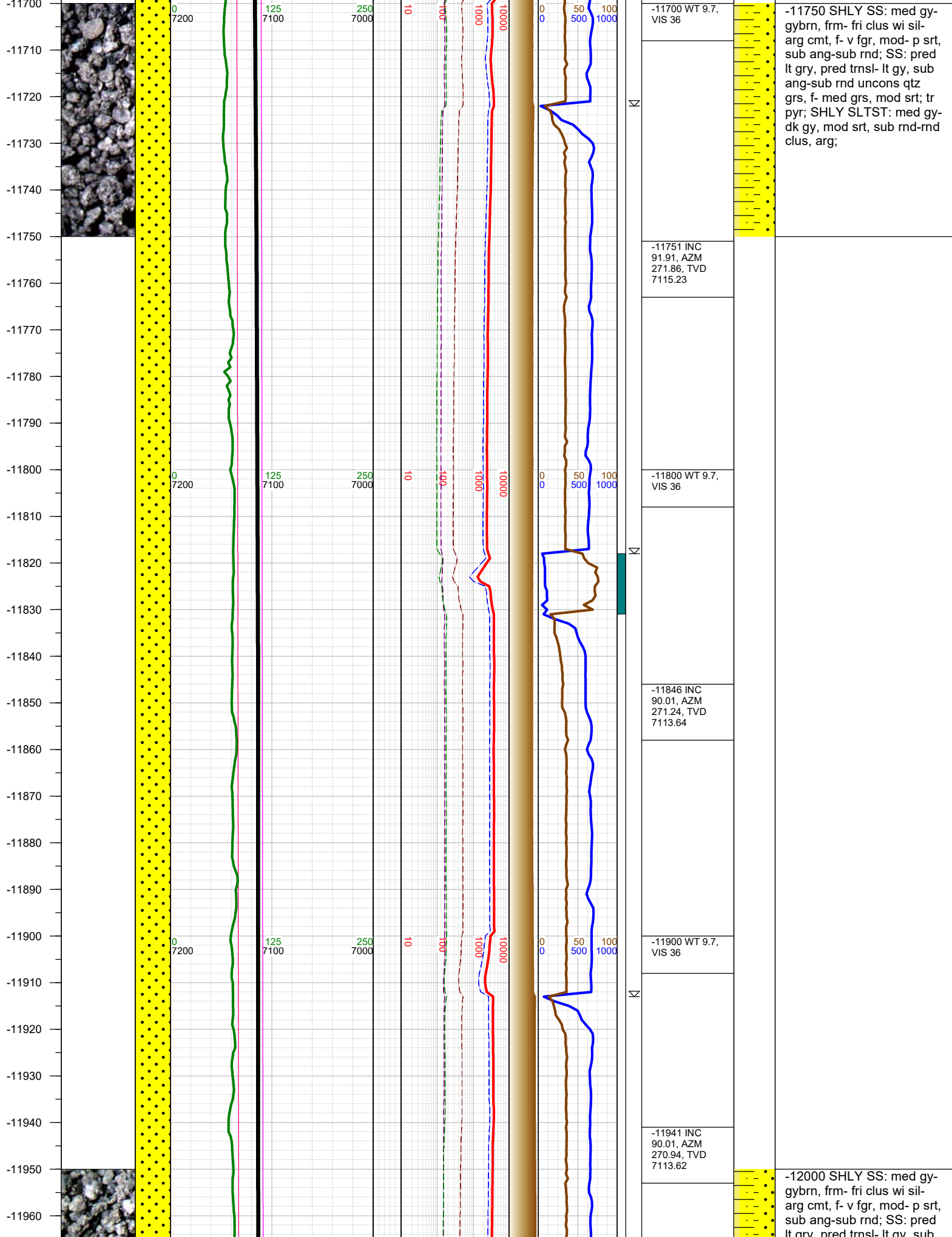
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91.6, AZM
271.55, TVD
7120.63

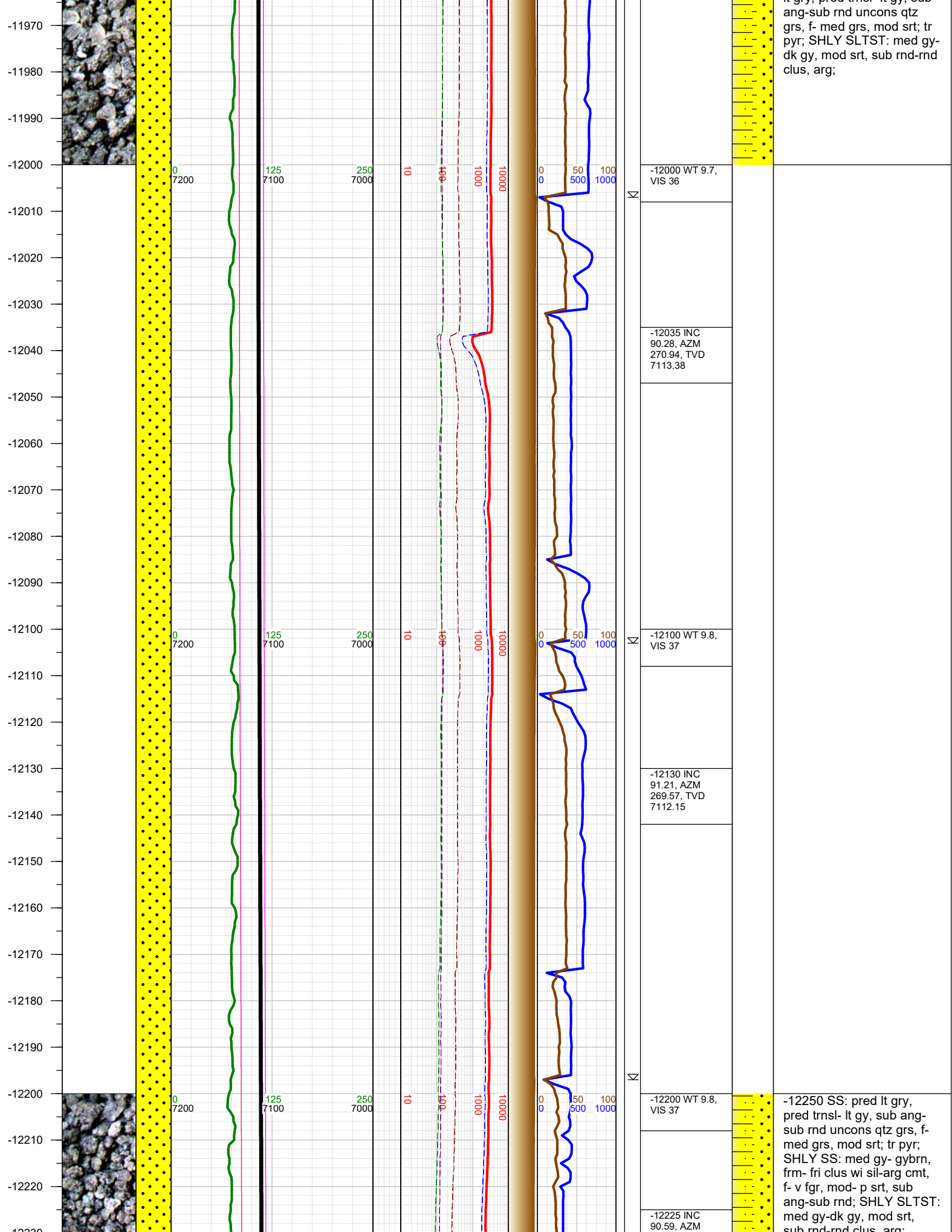
-11600 WT 9.7,
VIS 36

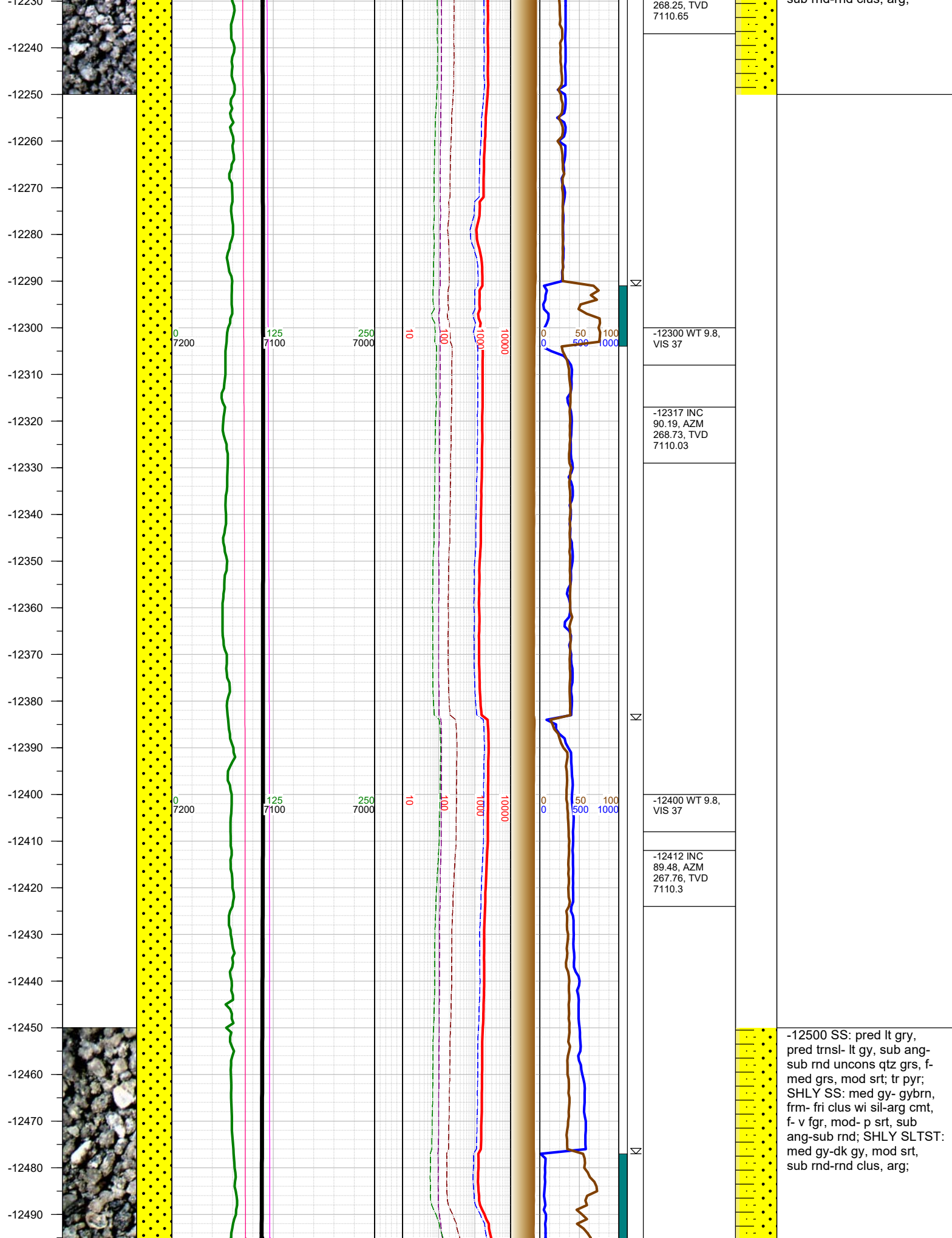
-11656 INC
91.52, AZM
271.24, TVD
7118.07

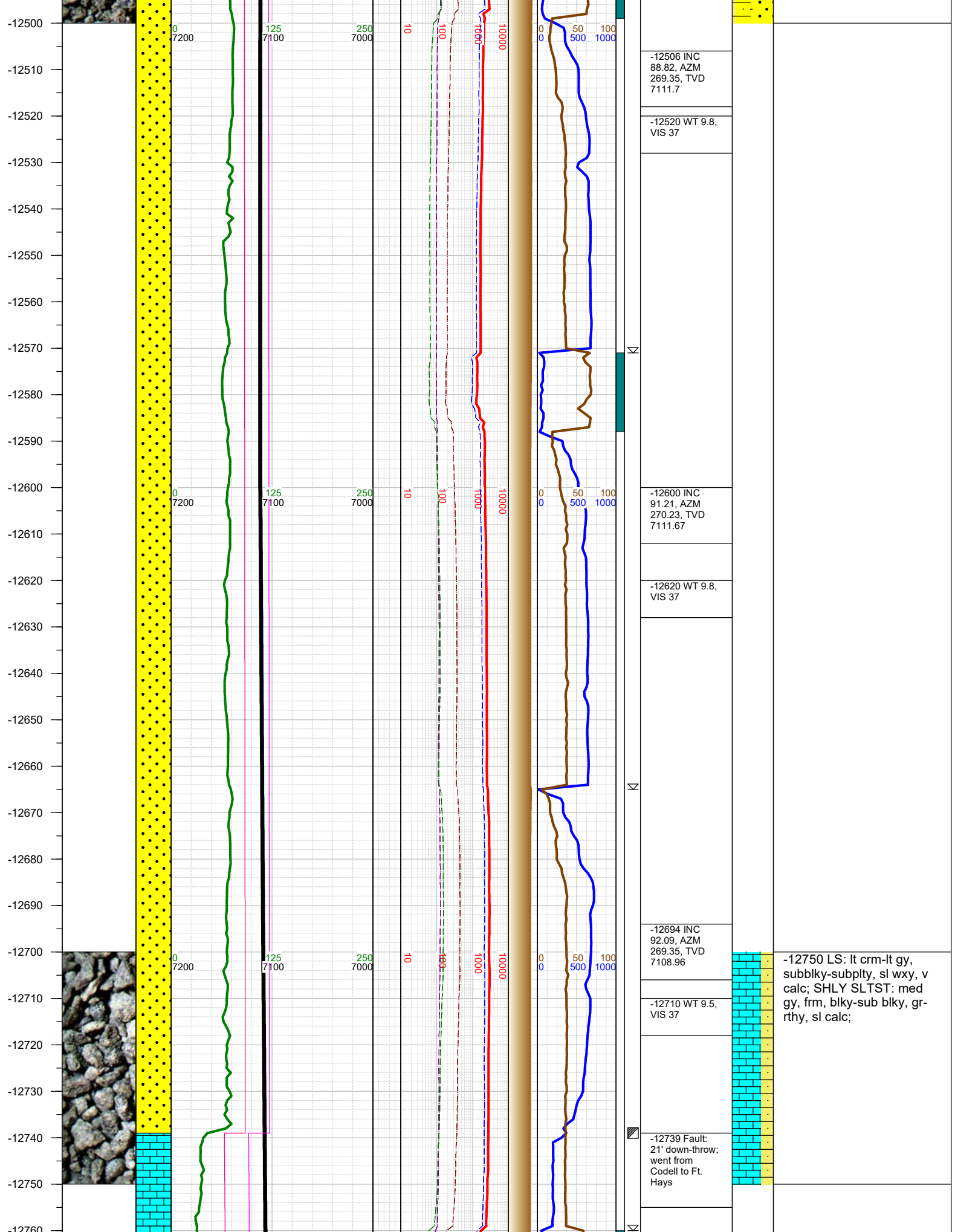


-11500 SHLY SS: med gy-
gybrn, frm- fri clus wi sil-
arg cmt, f- v fgr, mod- p srt,
sub ang-sub rnd; SS: pred
lt gry, pred trns- lt gy, sub
ang-sub rnd unconc qtz
grs, f- med grs, mod srt; tr
pyr; SHLY SLTST: med gy-
dk gy, mod srt, sub rnd-rnd
clus, arg;

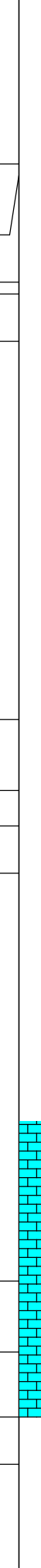
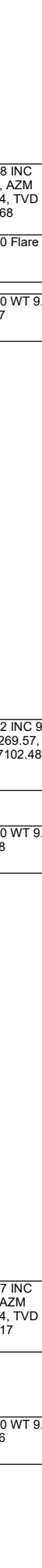
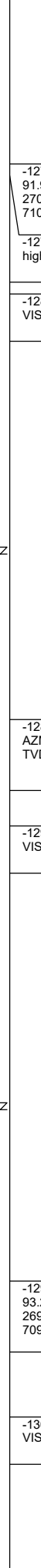
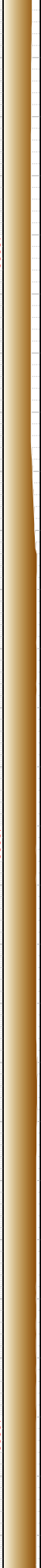
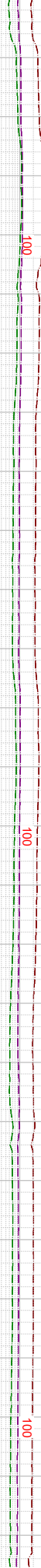
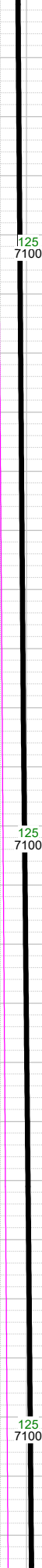








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-13000
-13010
-13020



-12788 INC
91.91, AZM
270.14, TVD
7105.68

-12790 Flare 3'
high

-12810 WT 9.5,
VIS 37

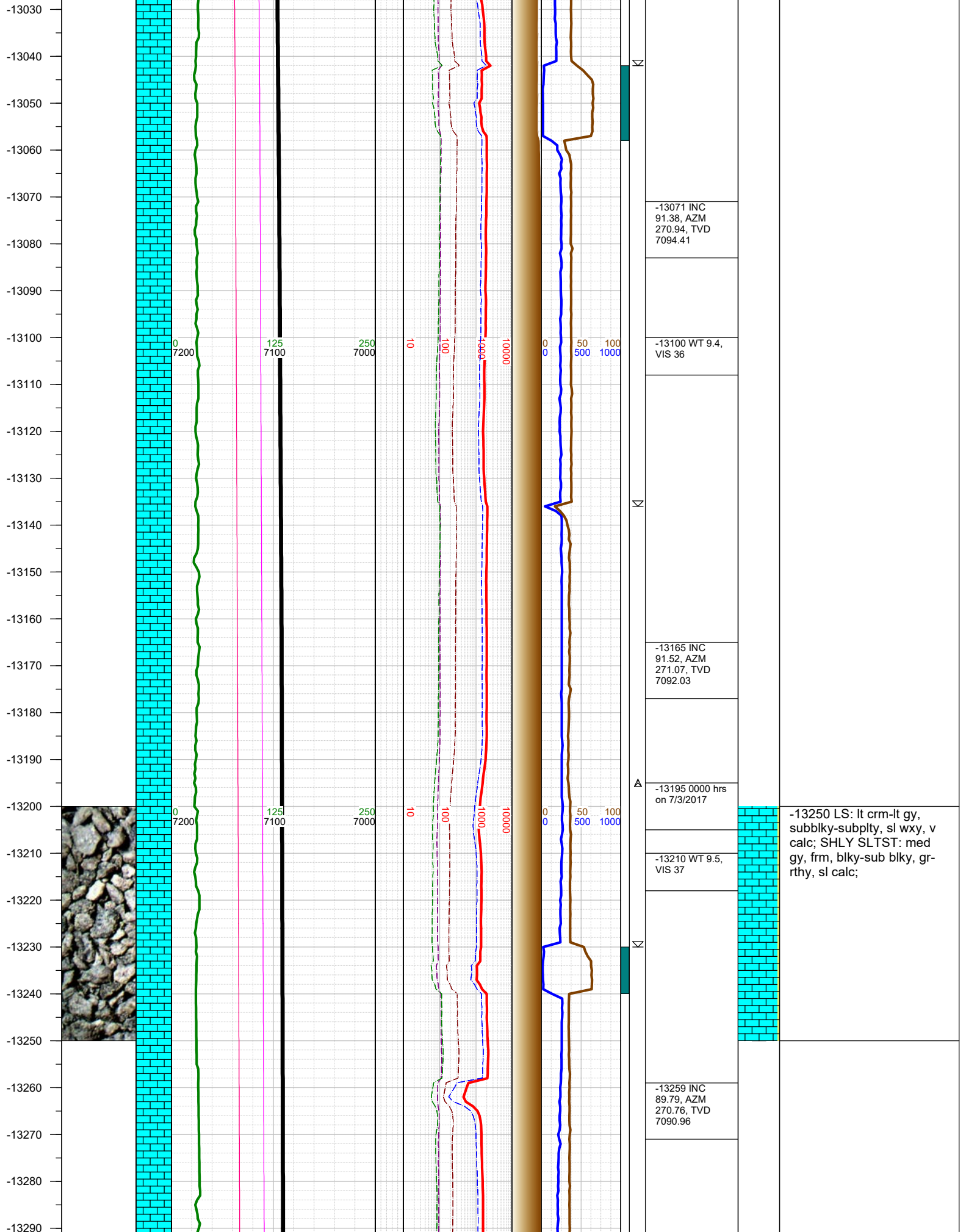
-12882 INC 92,
AZM 269.57,
TVD 7102.48

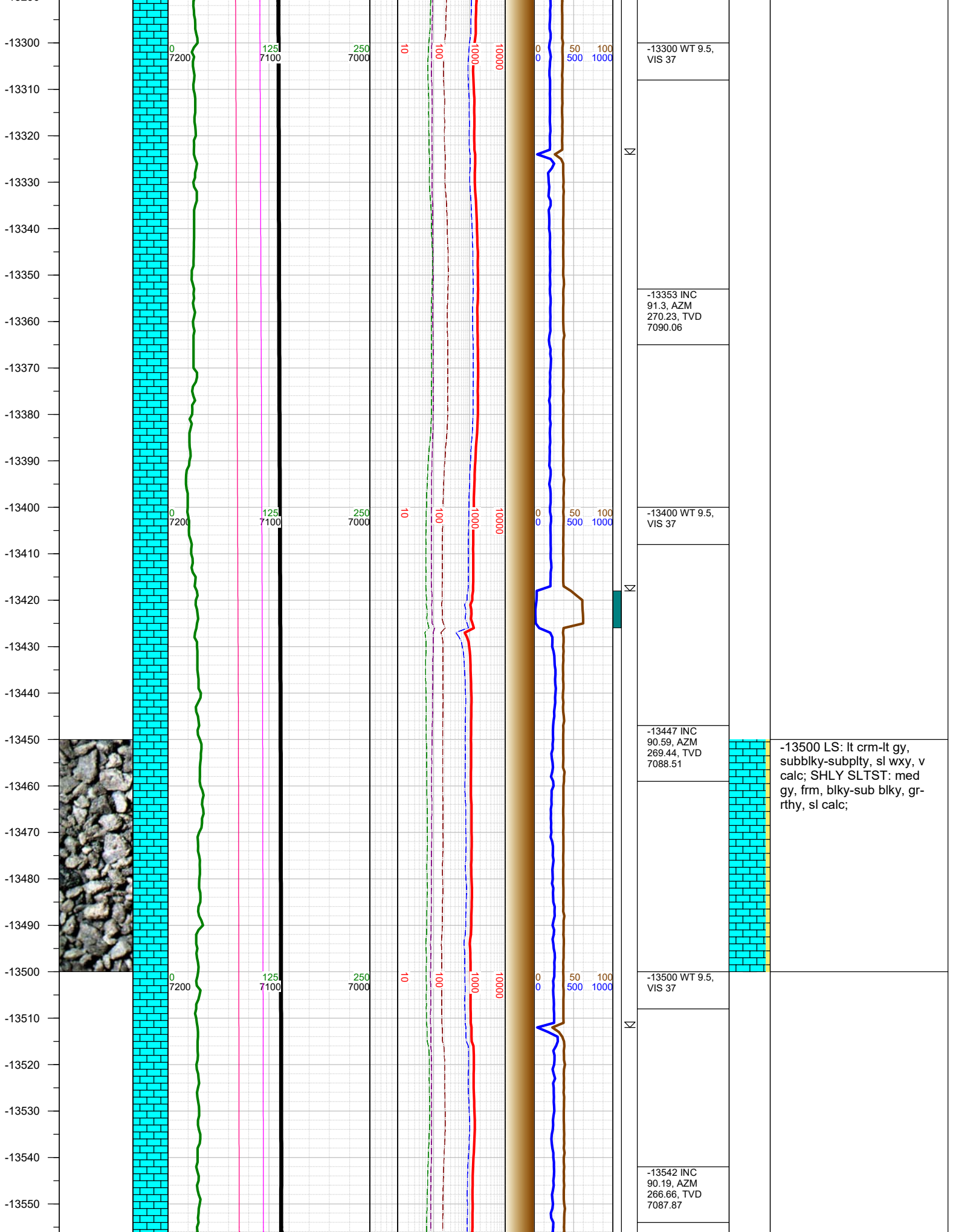
-12900 WT 9.5,
VIS 38

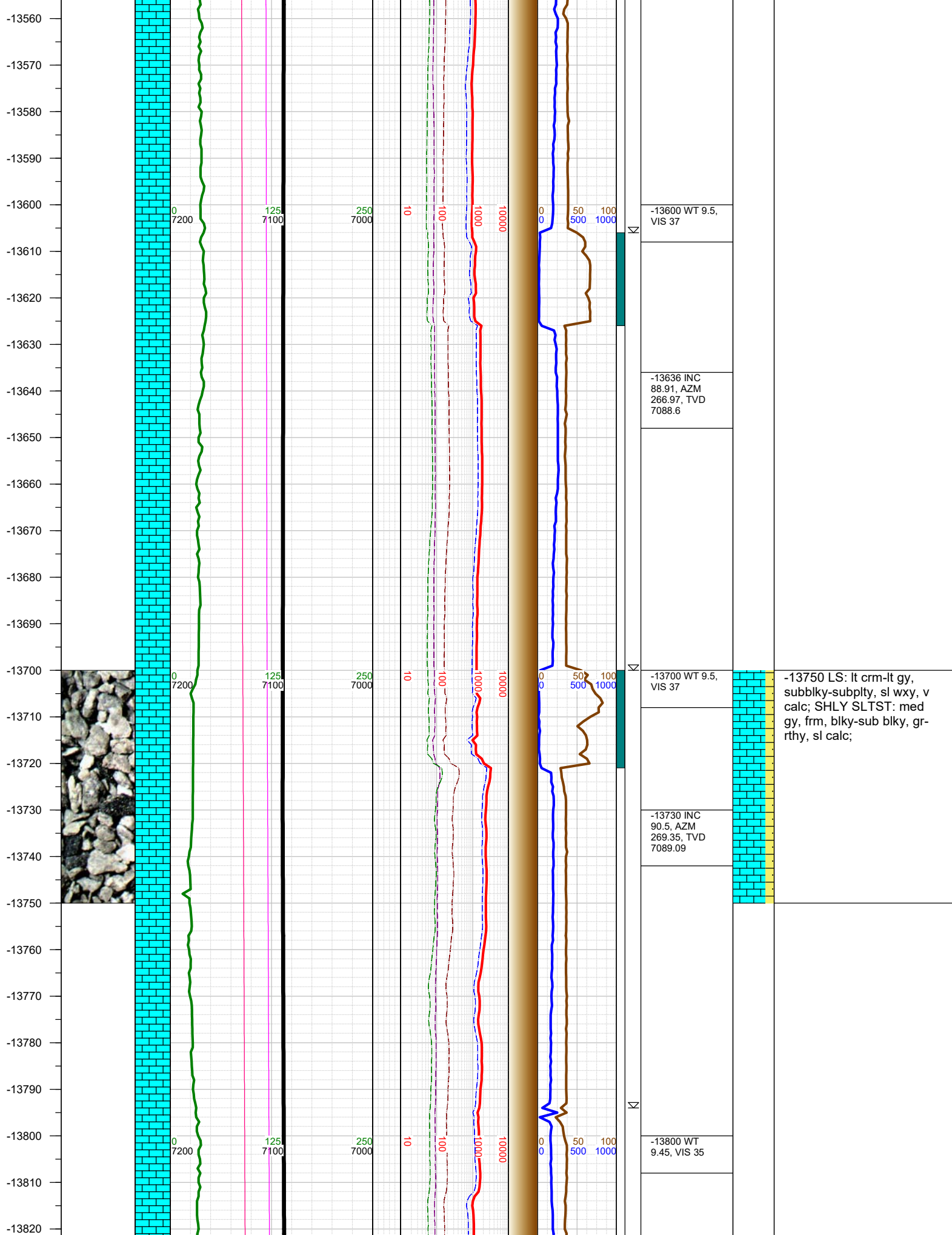
-13000 LS: lt crm-lt gy,
subblky-subply, sl wxy, v
calc; SHLY SLTST: med
gy, frm, blky-sub blky, gr-
rthy, sl calc;

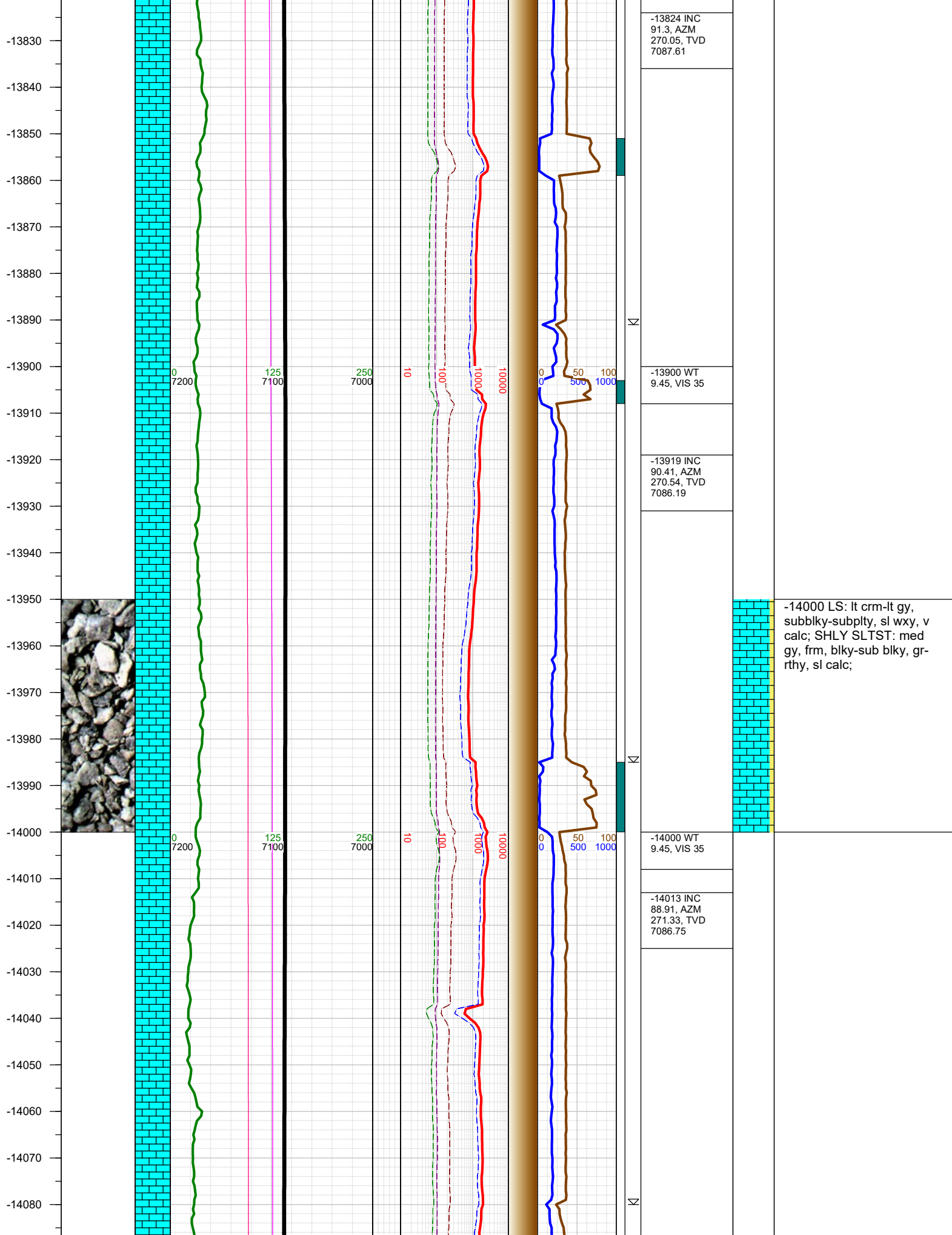
-12977 INC
93.2, AZM
269.44, TVD
7098.17

-13000 WT 9.5,
VIS 36

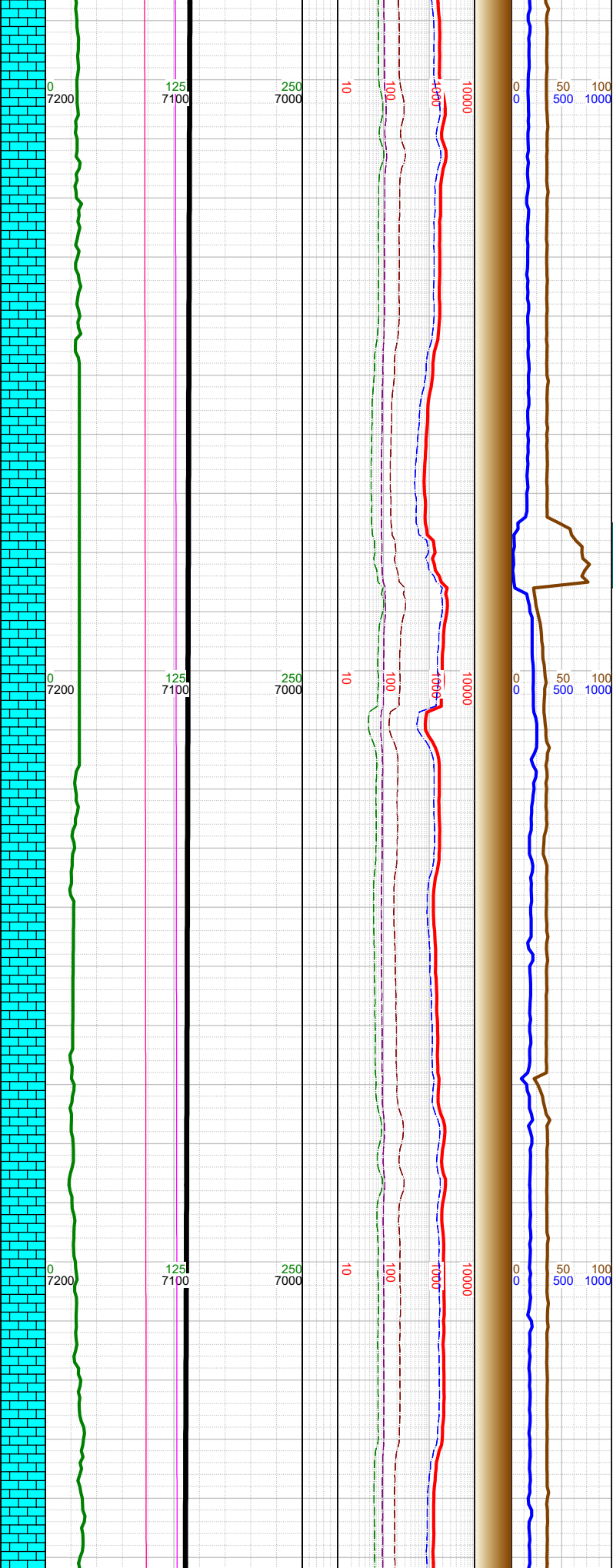








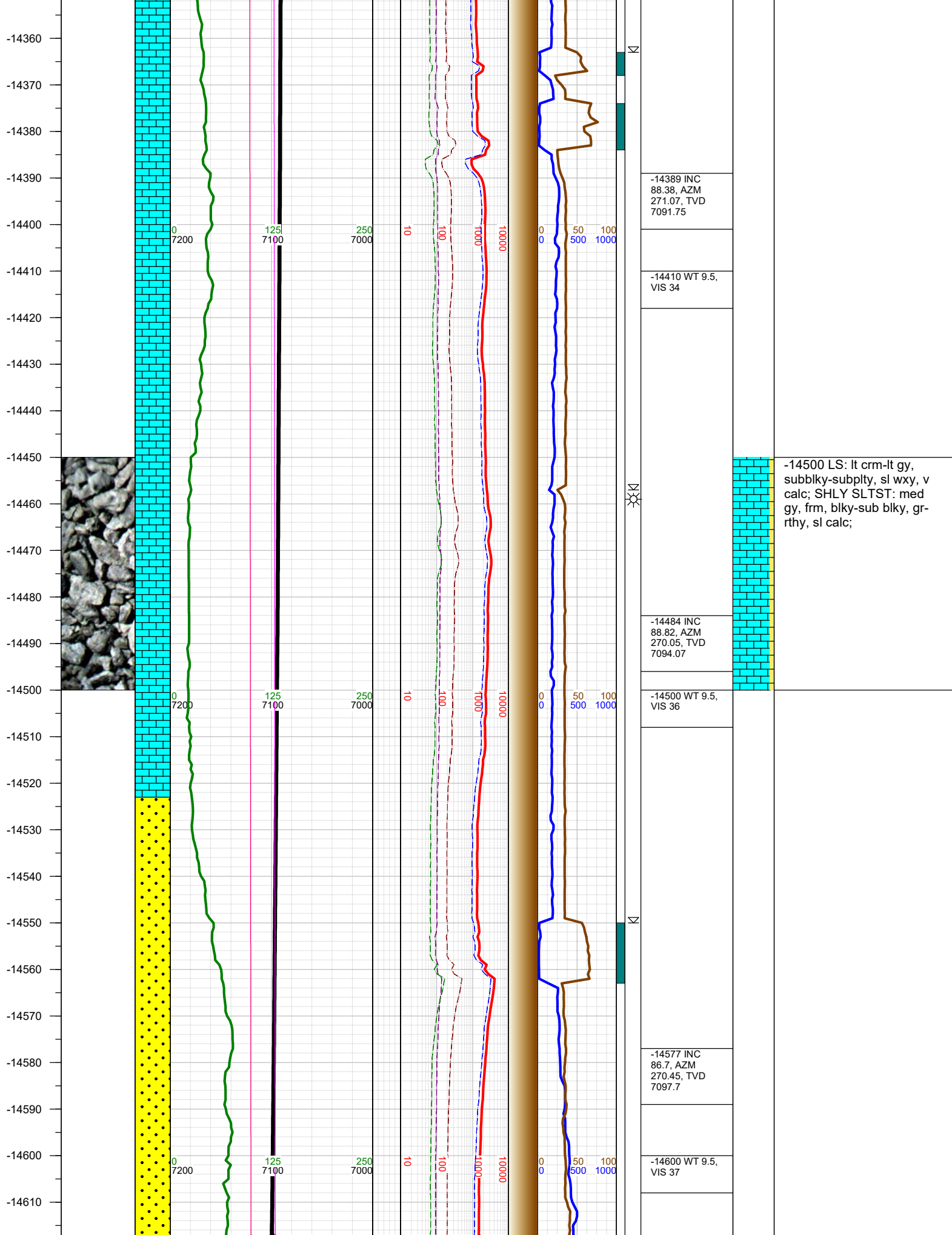
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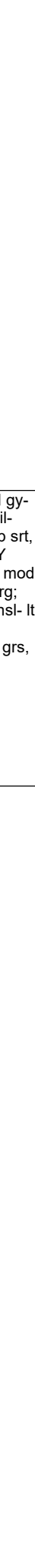
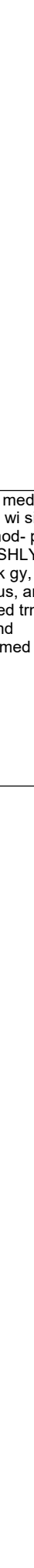
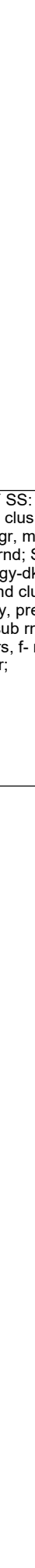
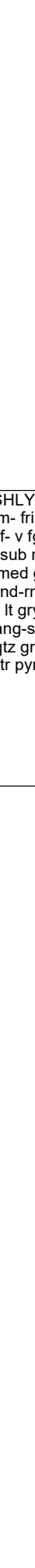
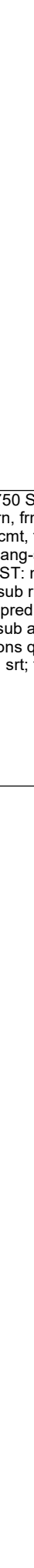
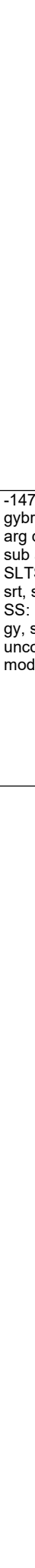
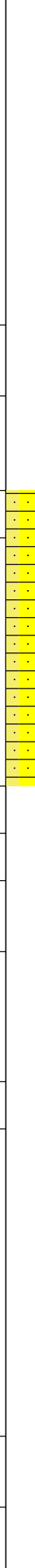
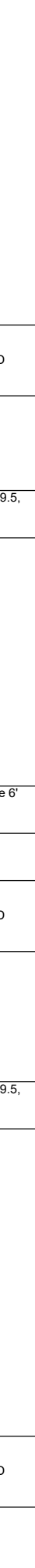
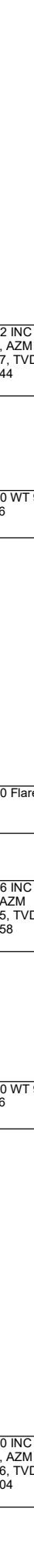
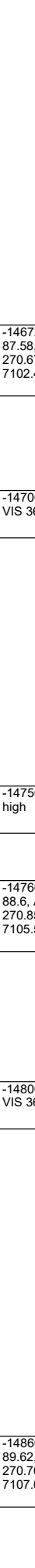
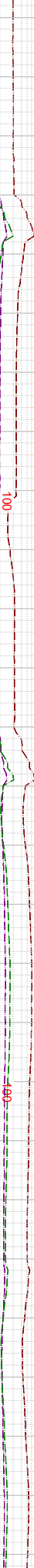
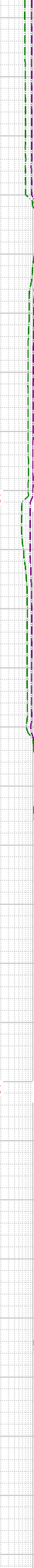
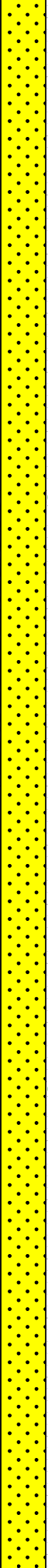
-14100 WT 9.5, VIS 35
-14108 INC 89.7, AZM 271.95, TVD 7087.9
-14201 INC 88.82, AZM 270.36, TVD 7089.11
-14220 WT 9.5, VIS 35
-14295 INC 89.79, AZM 270.14, TVD 7090.25
-14310 WT 9.5, VIS 34



-14250 LS: lt crm-lt gy,
subblky-subplty, sl wxy, v
calc; SHLY SLTST: med
gy, frm, blk-sub blk, gr-
rthy, sl calc;



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-14672 INC
87.58, AZM
270.67, TVD
7102.44

-14700 WT 9.5,
VIS 36

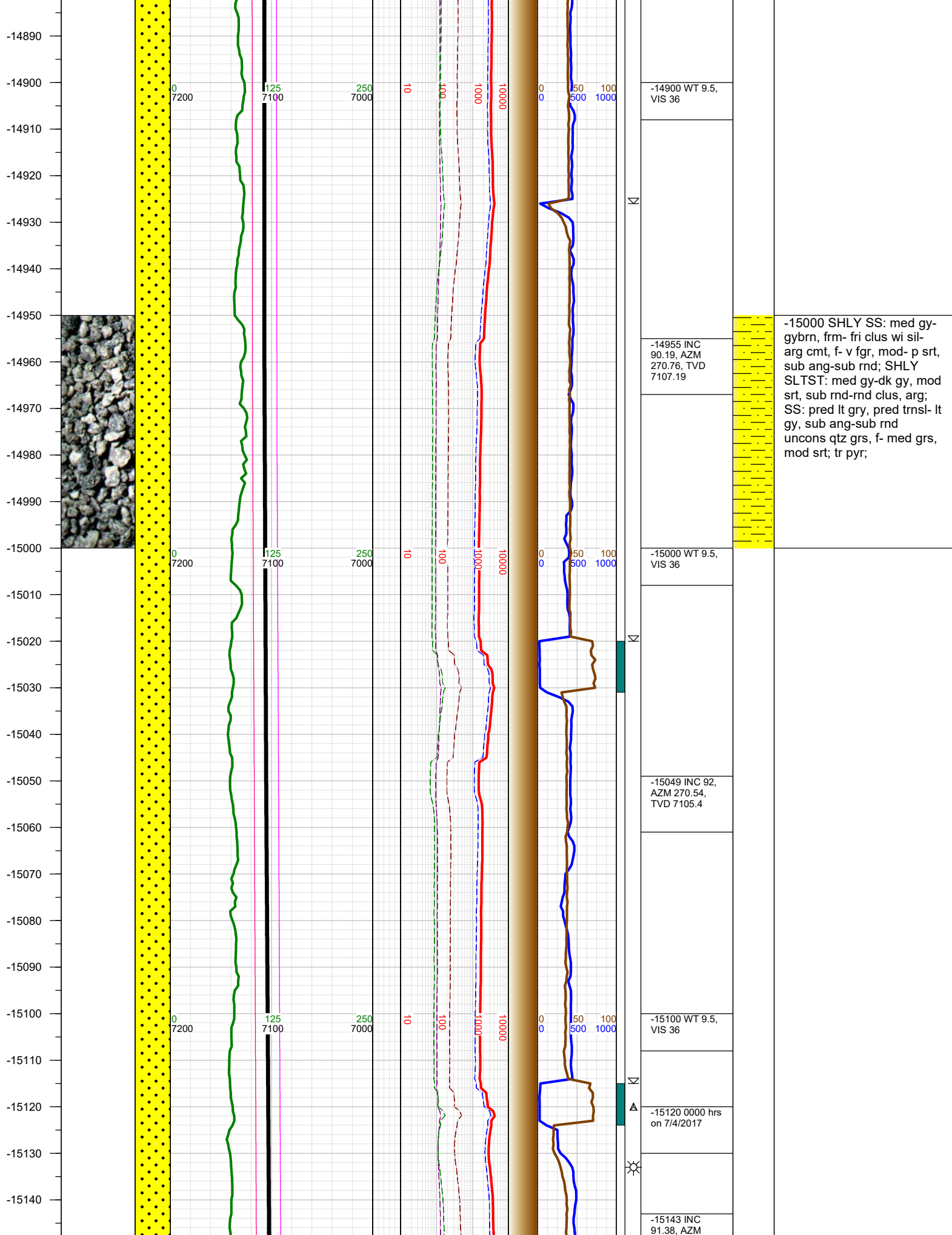
-14750 SHLY SS: med gy-
gybrn, frm- fri clus wi sil-
arg cmt, f- v fgr, mod- p srt,
sub ang-sub rnd; SHLY
SLTST: med gy-dk gy, mod
srt, sub rnd-rnd clus, arg;
SS: pred lt gry, pred trns- lt
gy, sub ang-sub rnd
uncons qtz grs, f- med grs,
mod srt; tr pyr;

-14750 Flare 6'
high

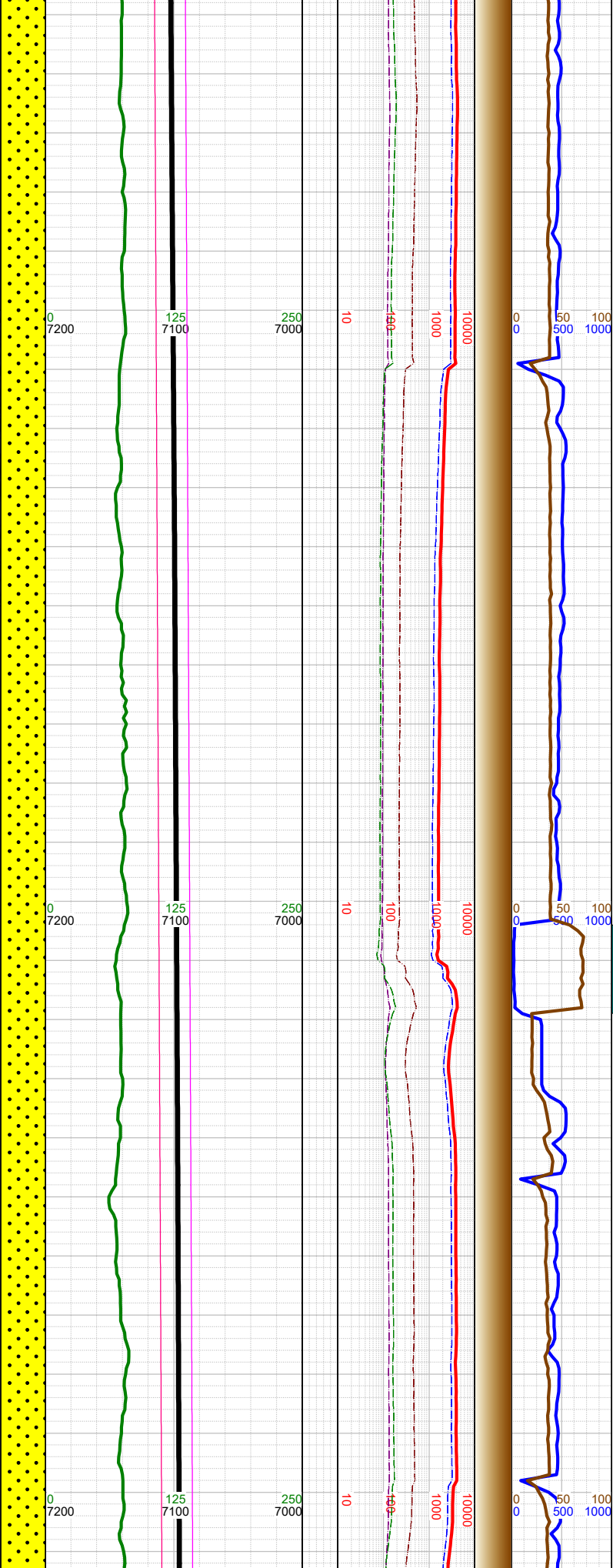
-14766 INC
88.6, AZM
270.85, TVD
7105.58


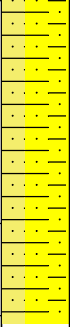



-14800 WT 9.5,
VIS 36

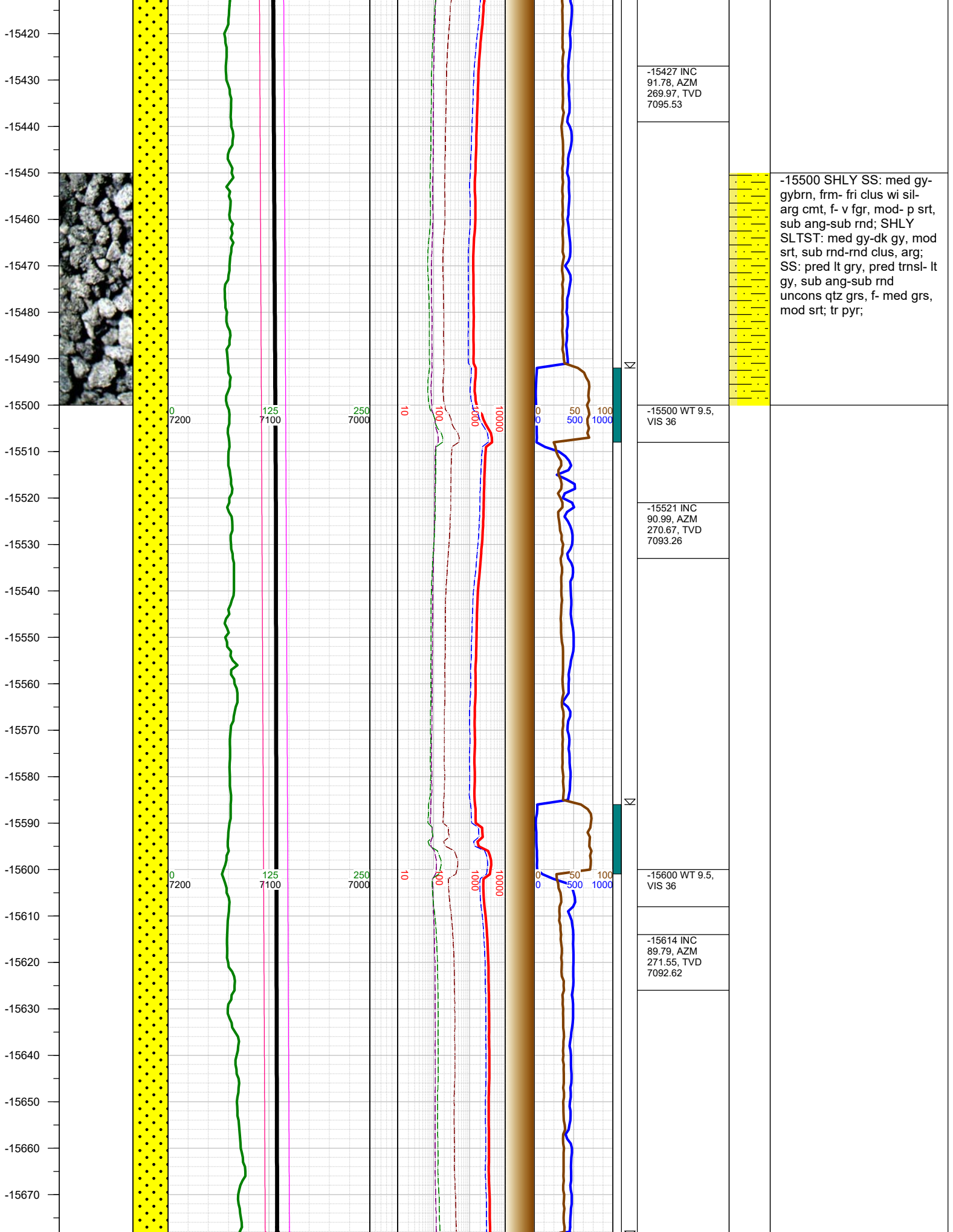
-14860 INC
89.62, AZM
270.76, TVD
7107.04



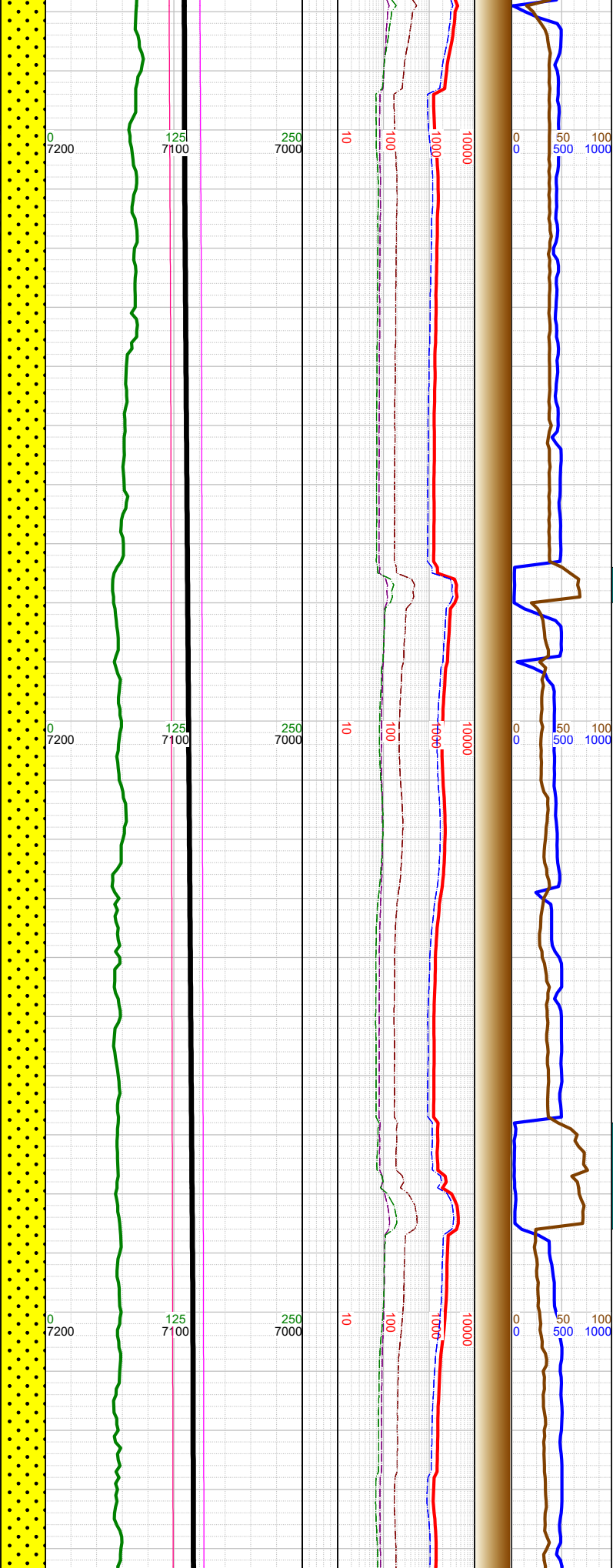
-15150
-15160
-15170
-15180
-15190
-15200
-15210
-15220
-15230
-15240
-15250
-15260
-15270
-15280
-15290
-15300
-15310
-15320
-15330
-15340
-15350
-15360
-15370
-15380
-15390
-15400
-15410



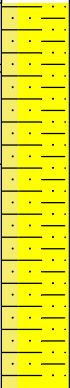
270.67, TVD 7102.63		
-15200 WT 9.5, VIS 36		-15250 SHLY SS: med gy-gybrn, frm- fri clus wi sil-arg cmt, f- v fgr, mod- p srt, sub ang-sub rnd; SHLY SLTST: med gy-dk gy, mod srt, sub rnd-rnd clus, arg; SS: pred lt gry, pred trns- lt gy, sub ang-sub rnd uncons qtz grs, f- med grs, mod srt; tr pyr;
-15237 INC 92.31, AZM 269.97, TVD 7099.6		
-15300 WT 9.5, VIS 36		
-15332 INC 90.41, AZM 269.44, TVD 7097.34		
-15400 WT 9.5, VIS 36		



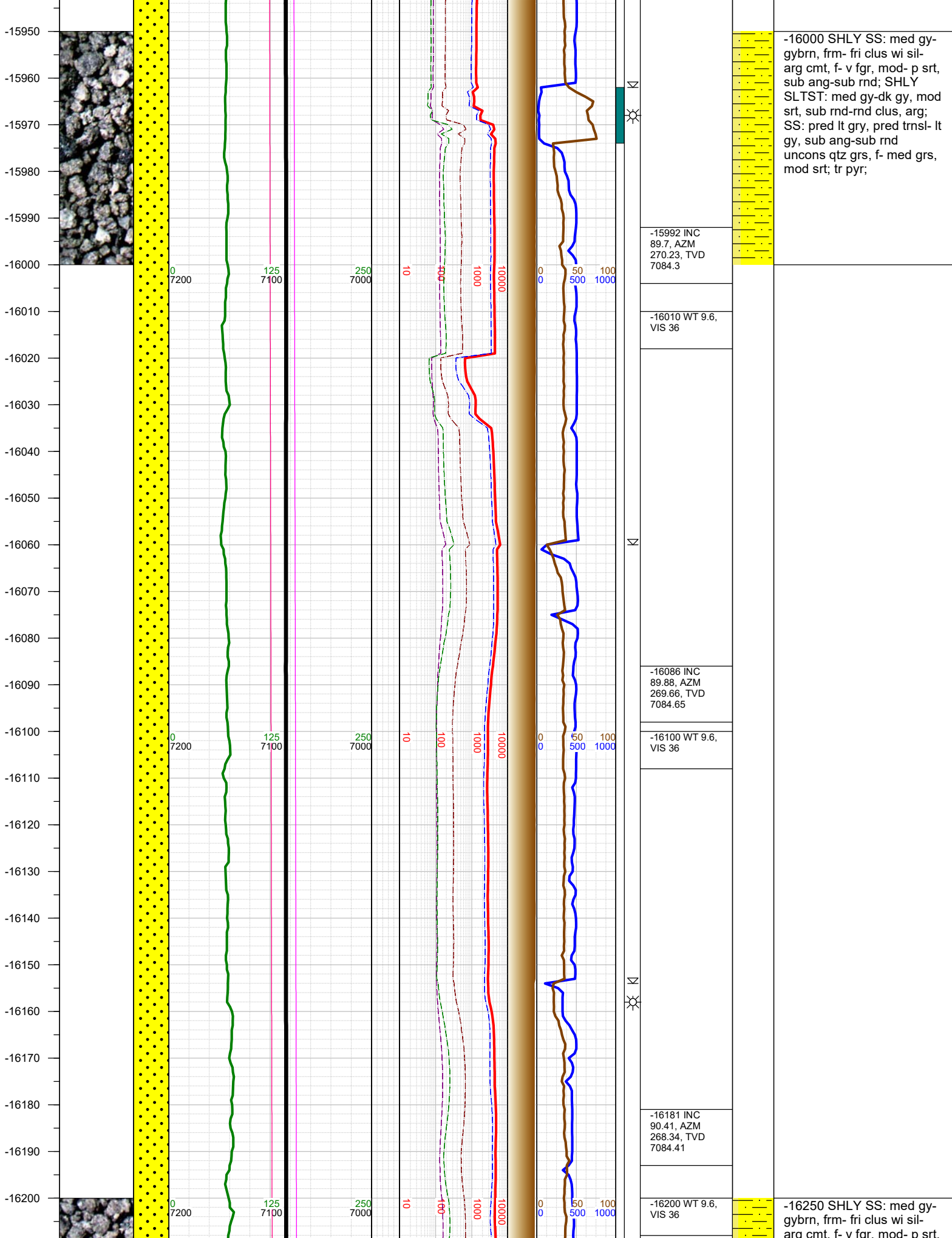
-15680
-15690
-15700
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-15720
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-15740
-15750
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-15780
-15790
-15800
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-15940

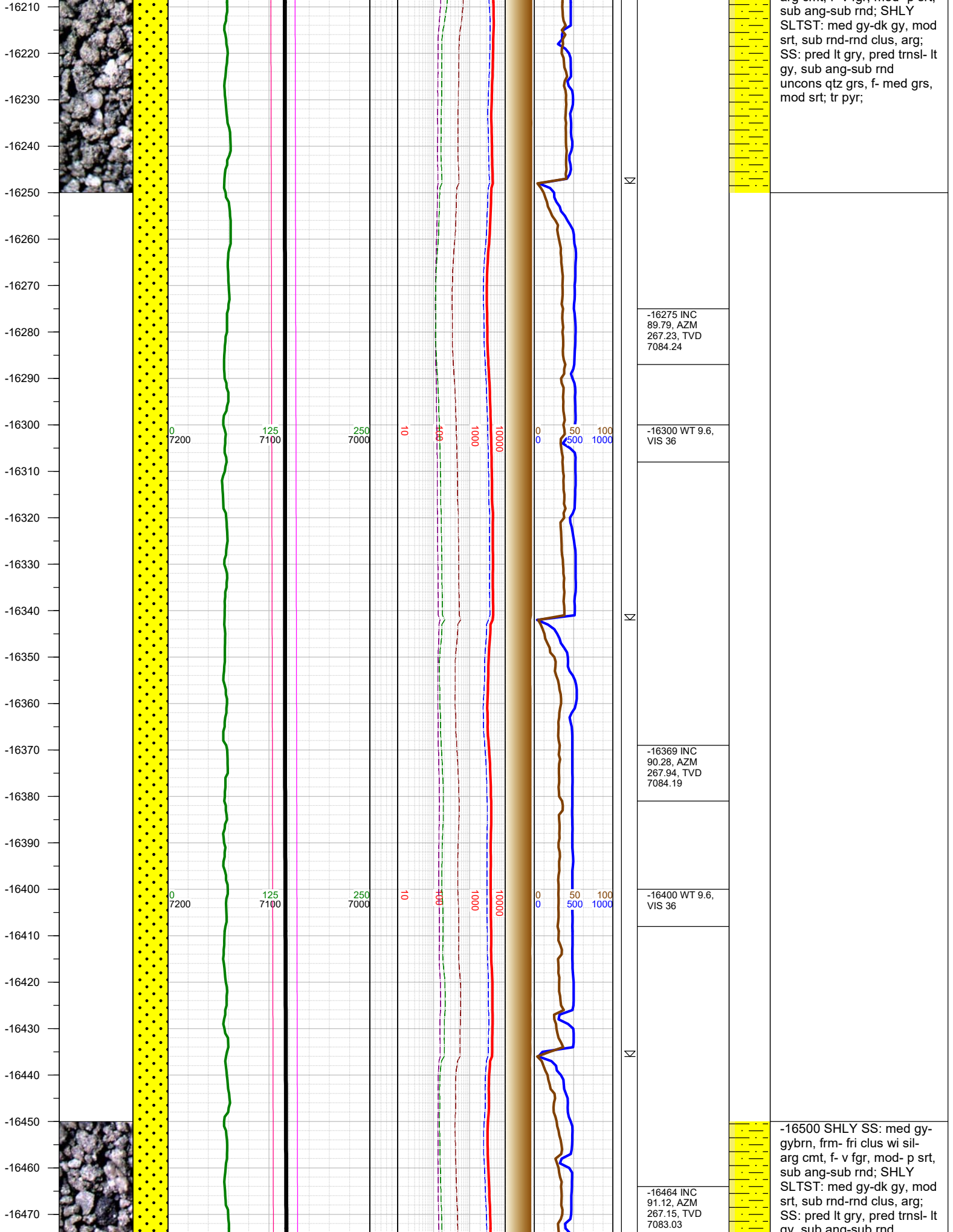


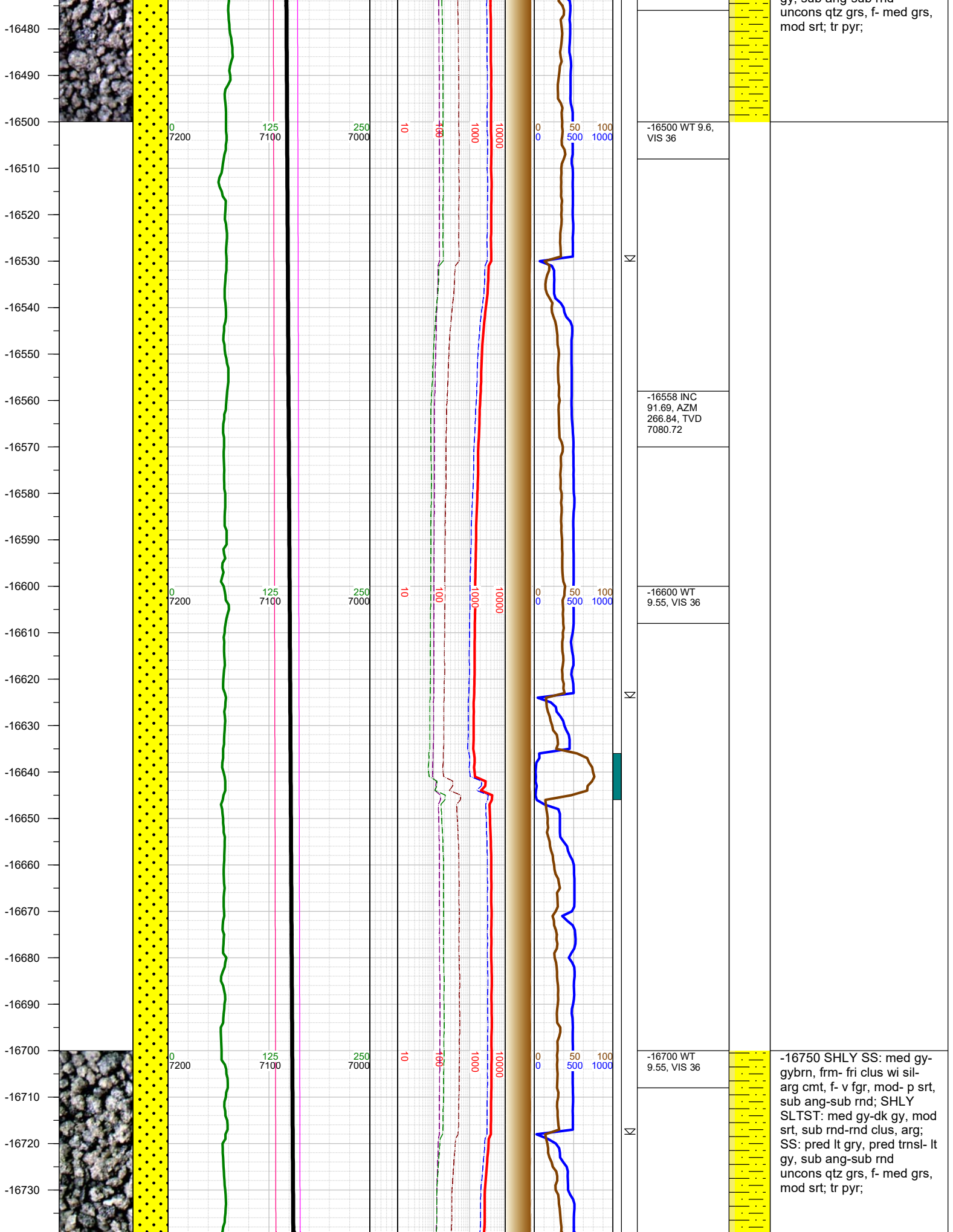
-15700 WT 9.5, VIS 36
-15709 INC 91.38, AZM 273.05, TVD 7091.65
-15803 INC 92.4, AZM 273.27, TVD 7088.55
-15820 WT 9.6, VIS 36
-15898 INC 91.52, AZM 270.85, TVD 7085.3
-15910 WT 9.6, VIS 36



-15750 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, pred trns- lt
gy, sub ang-sub rnd
uncons qtz grs, f- med grs,
mod srt; tr pyr;







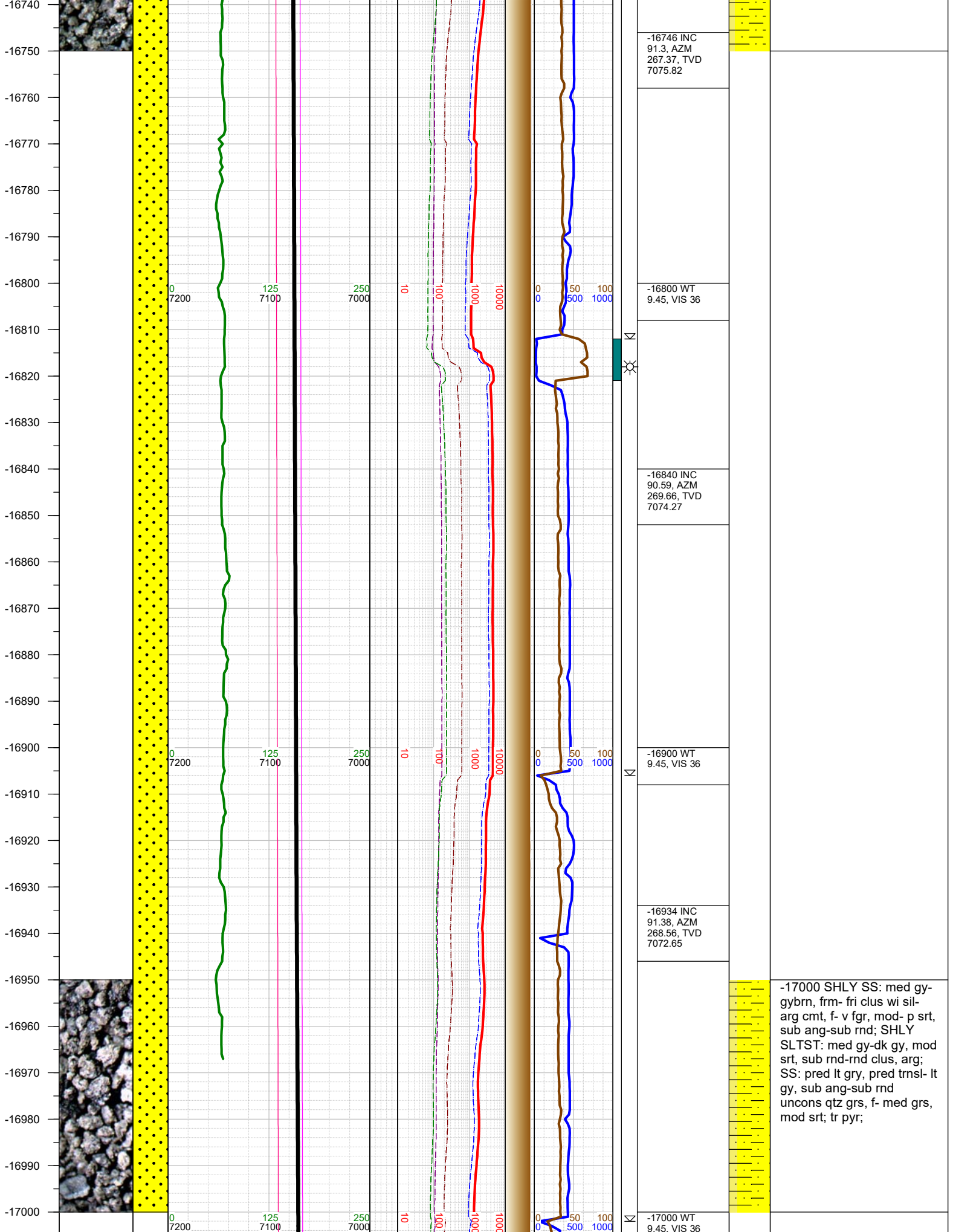
-16500 WT 9.6,
VIS 36

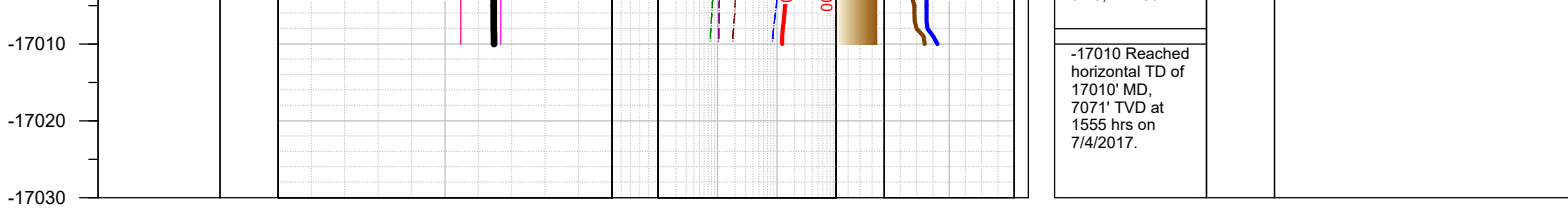
-16558 INC
91.69, AZM
266.84, TVD
7080.72

-16600 WT
9.55, VIS 36

-16700 WT
9.55, VIS 36

-16750 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, pred trns- lt
gy, sub ang-sub rnd
uncons qtz grs, f- med grs,
mod srt; tr pyr;





TOTAL DEPTH = 17010'

Thank you for using Earth Science Agency