810 Quail Street
Suite E
Lakewood, Colorado
80215
Office: 303.279.0171
FAX: 303.278.0135
www.colog.com

Acoustic Televiewer
Caliper
Natural Gamma

COMPANY	Excelsior Mining
WELL	NSH-022
FIELD	Gunnison
COUNTY	Cochise
STATE	AZ

Company Excelsior Mining
Well NSH-022
Field Gunnison
County Cochise
State AZ

LOCATION
NSH-022

QTR **SEC** **TWP** **RGE**

OTHER SERVICES
Sonic
T-Fl. Res.
Electric Resisitivity

PERMANENT DATUM **ELEVATION**

LOG MEAS. FROM 0.0' **ABOVE PERMINANT DATUM**

DRILLING MEAS. FROM

DATE ACQUIRED	15 January 2015			
RUN NUMBER	1	4	5	7
LOG TYPE	Gamma	Caliper	ABI	ABI
DEPTH-DRILLER	1170'			
DEPTH-LOGGER	1148'	1127'	1125'	
BTM LOG INTERVAL	1146'	1127'	1125'	1062'
TOP LOG INTERVAL	5'	5'	1037'	403'
RECORDED BY	C.O'Neil			
WITNESSED BY	C. Price			
PROBE TYPE, S/N	ELXG	Comprobe	ABI 111018	ABI 111018
LOGGING SPEED	20 ft/min	20 ft/min	6.8 ft/min	6.8 ft/min
A.S.D.E.	0.23'	0.21'	0.31'	0.16'
SAMPLE INTERVAL	0.0075'	0.1'	0.0070'	0.0070'

BOREHOLE RECORD

RUN No.	BIT	FROM	TO
1	12"	20'	610'
	11 5/8"	610'	1170'

CASING RECORD

SIZE	WGT.	FROM	TO
14"	Steel	GS	20'

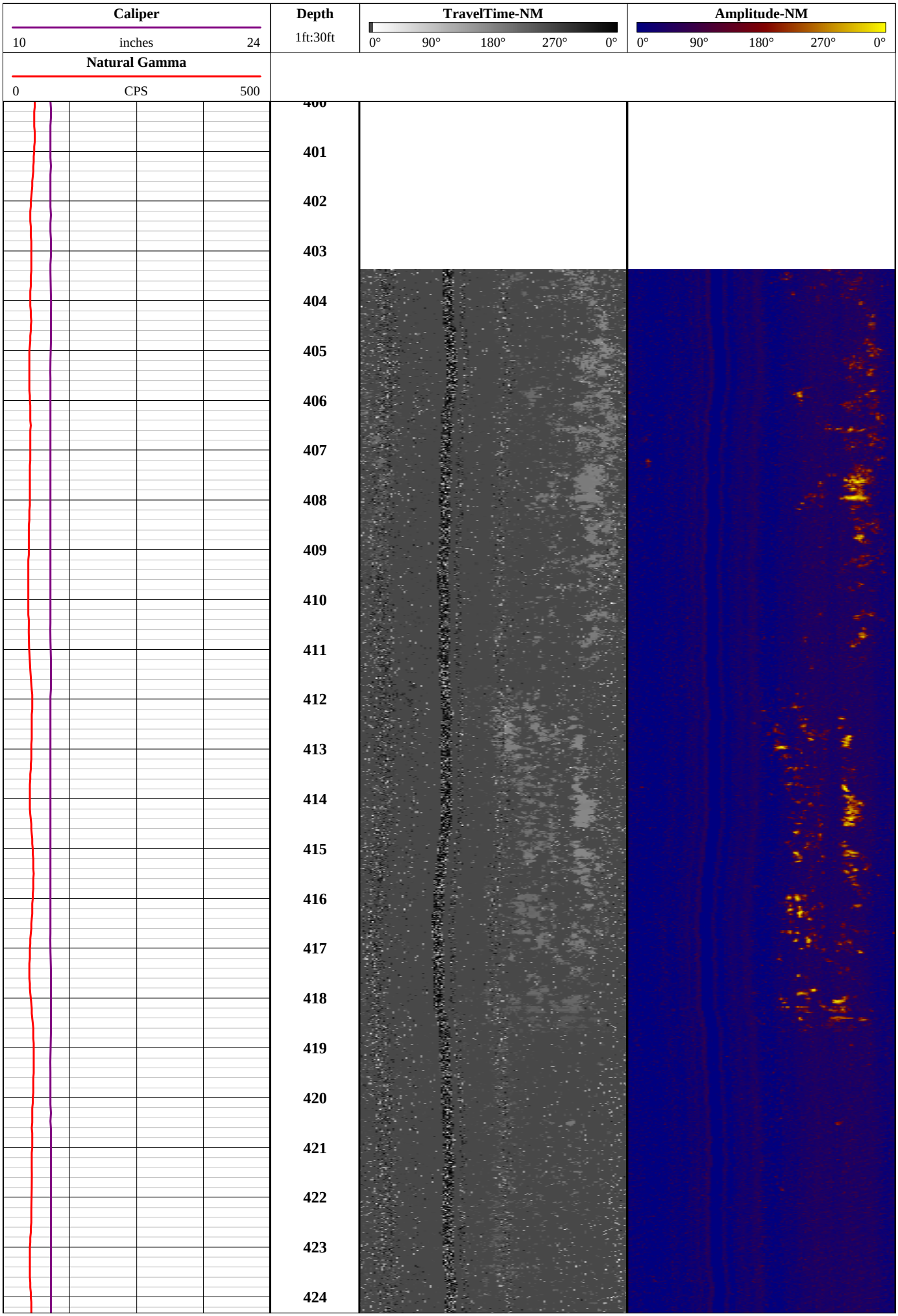
NA - Not Available, N/A - Not Applicable

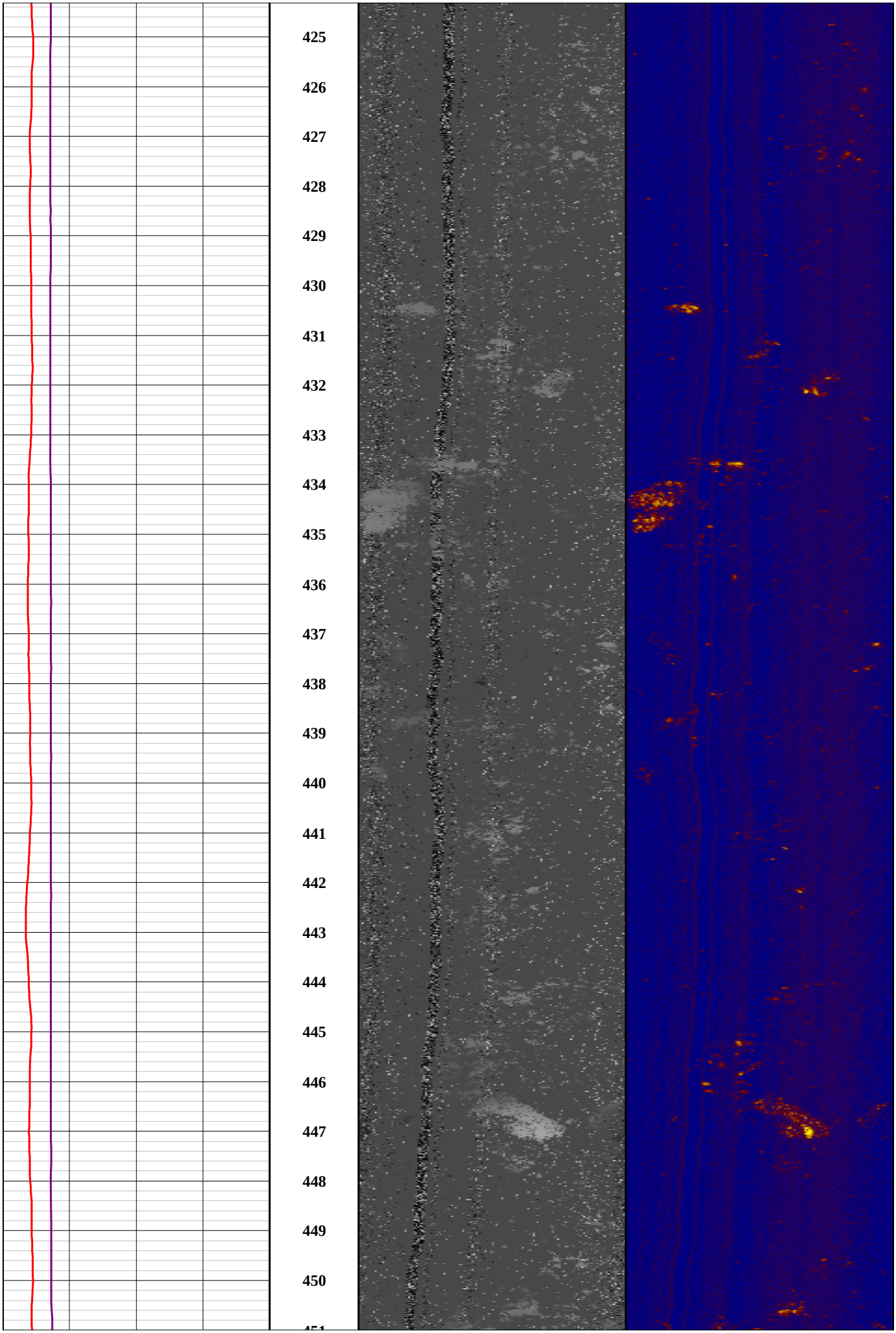
COMMENTS

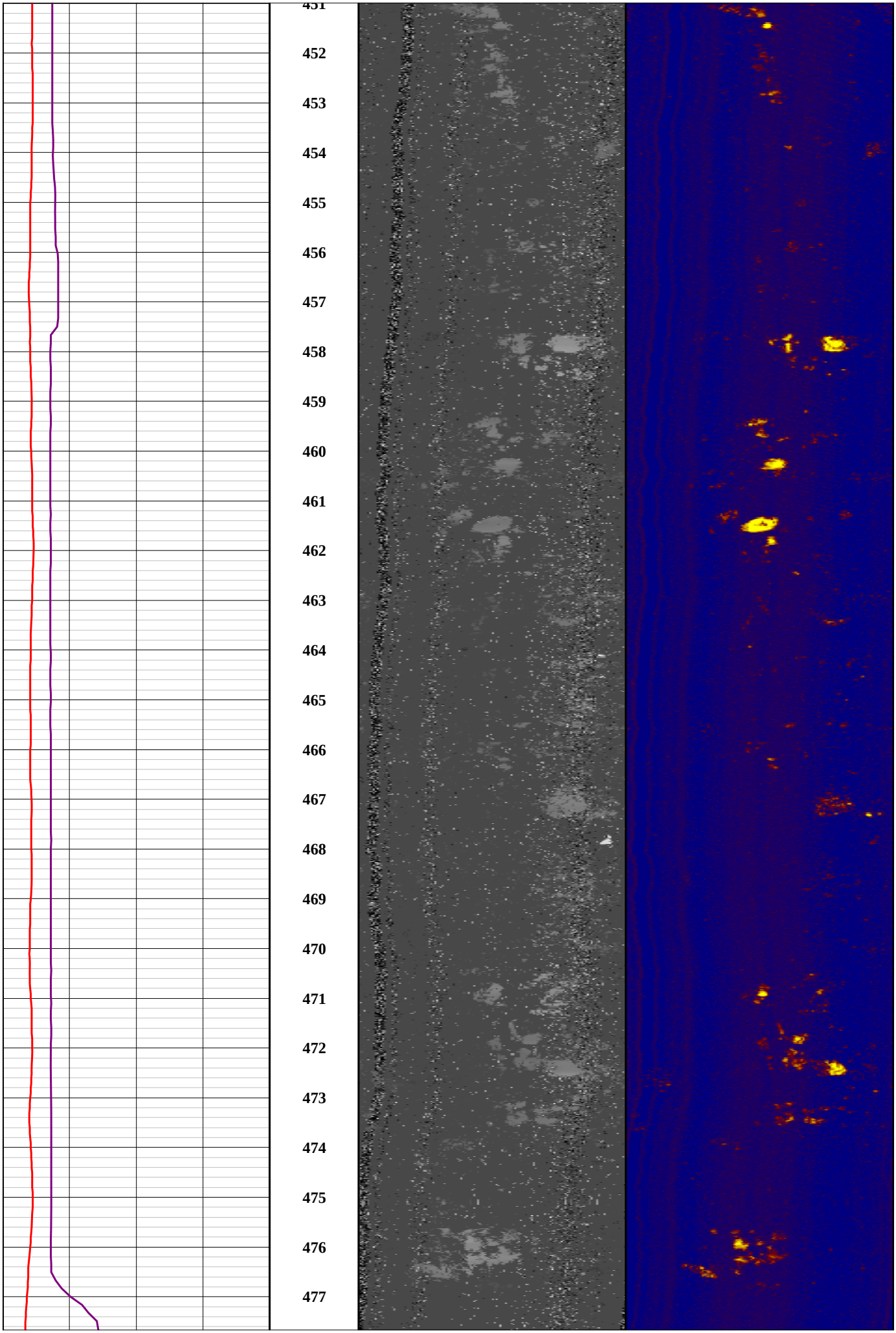
Water-level = started at 17' at 6:30 am gradually dropping to 237' by 9:00 pm.

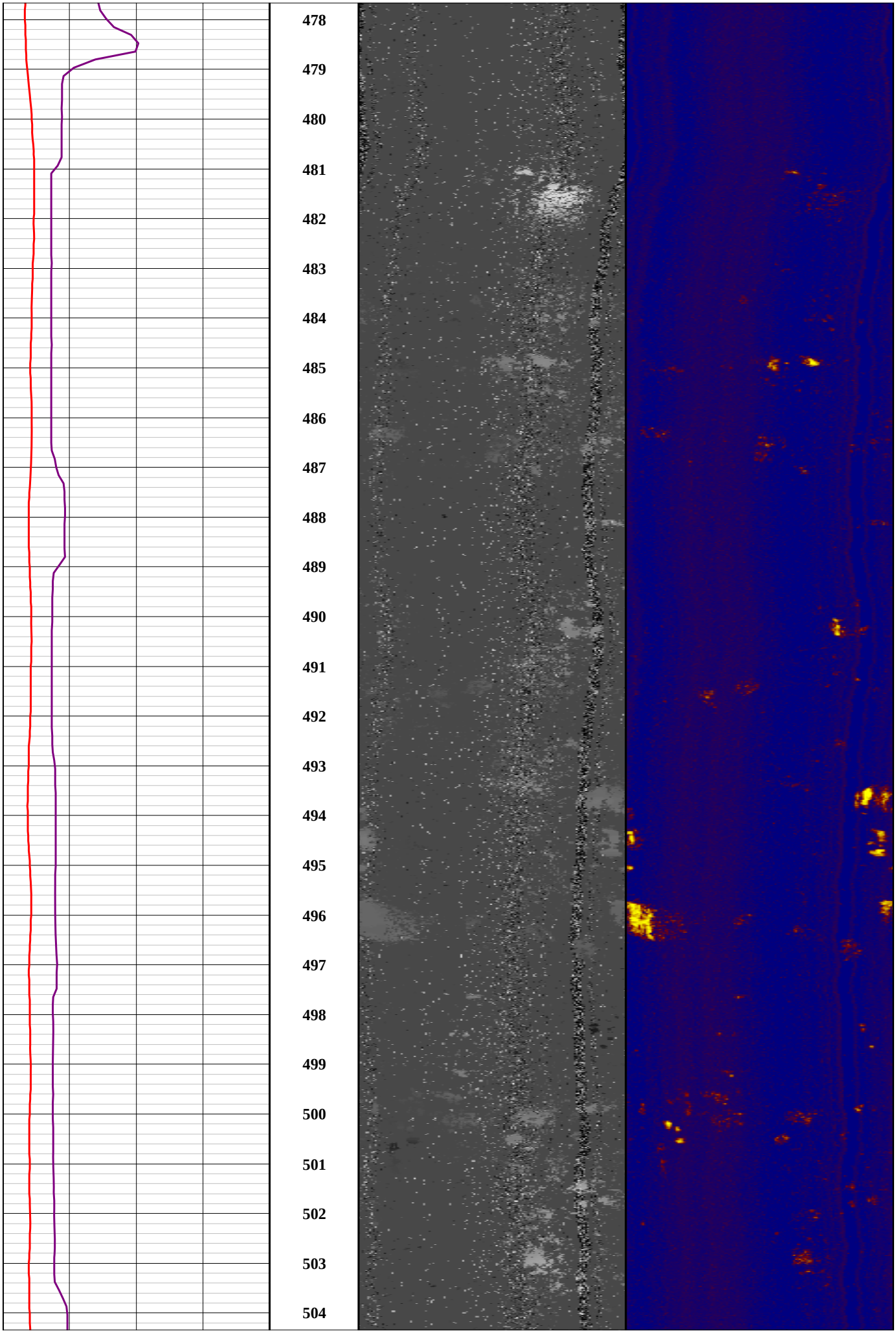
Hole too muddy to collect any good data above 500ft.
TD was 1170 but collapse when the drillers tripped out. Loggers TD was only to 1120'

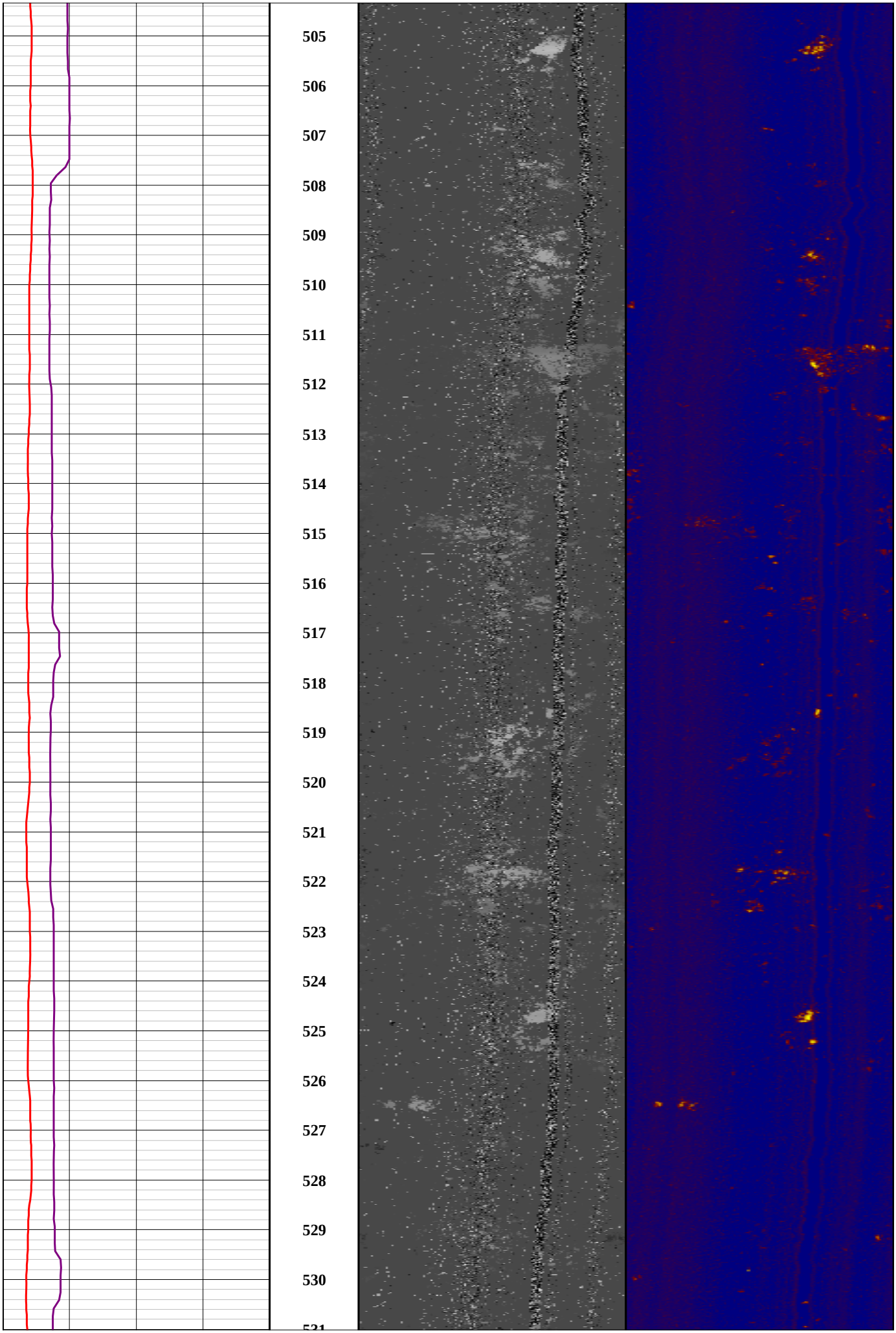
INPUT FILES:
NSH-022 ABI-up-1.tfd
NSH-022 ABI-up-3.tfd
NSH-022 Caliper-up.tfd
NSH-022 ELOG-U.tfd

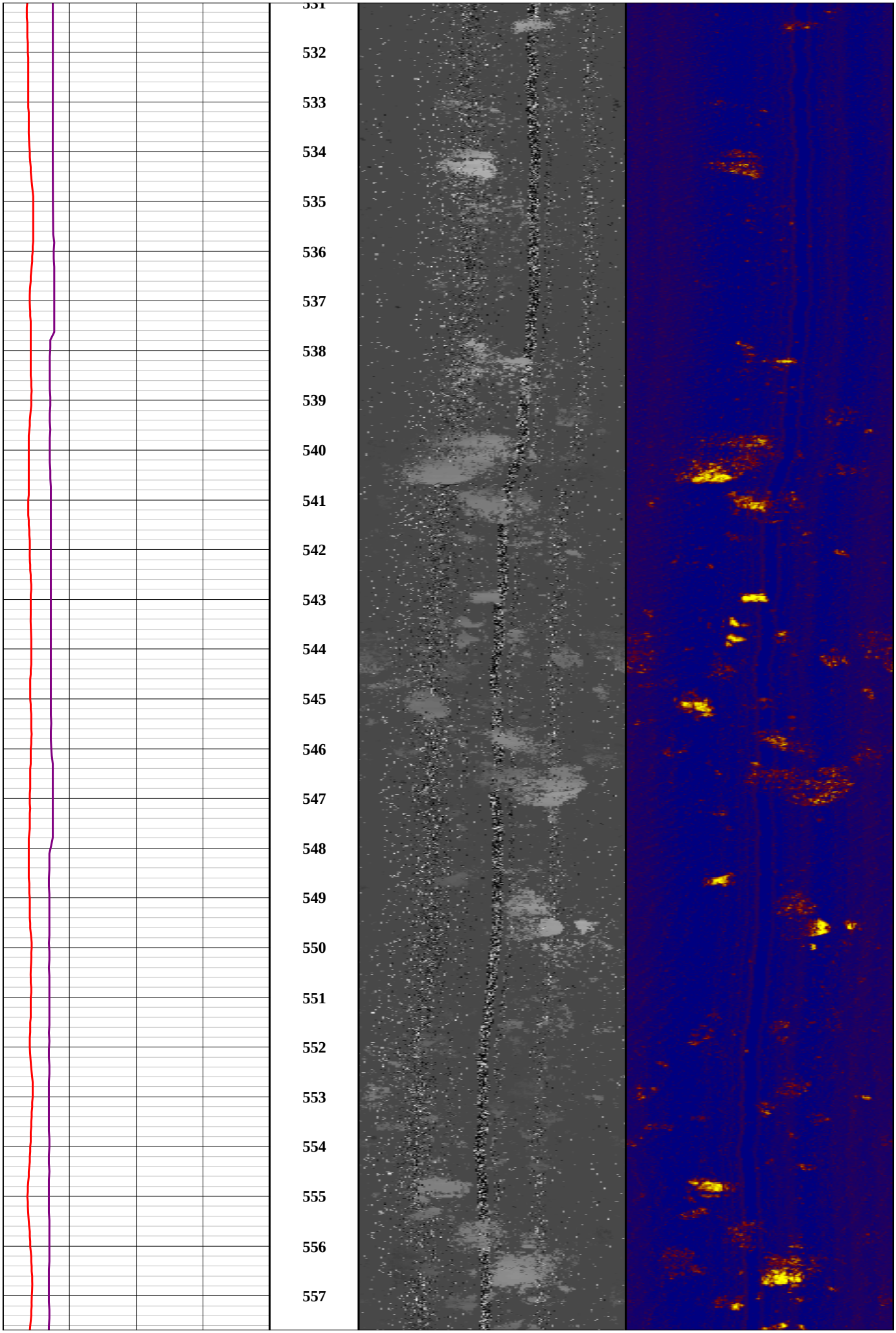

Caliper
10
inches
24
Natural Gamma
0
CPS
500
Depth
1ft:30ft
TravelTime-NM
0°
90°
180°
270°
0°
Amplitude-NM
0°
90°
180°
270°
0°
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424

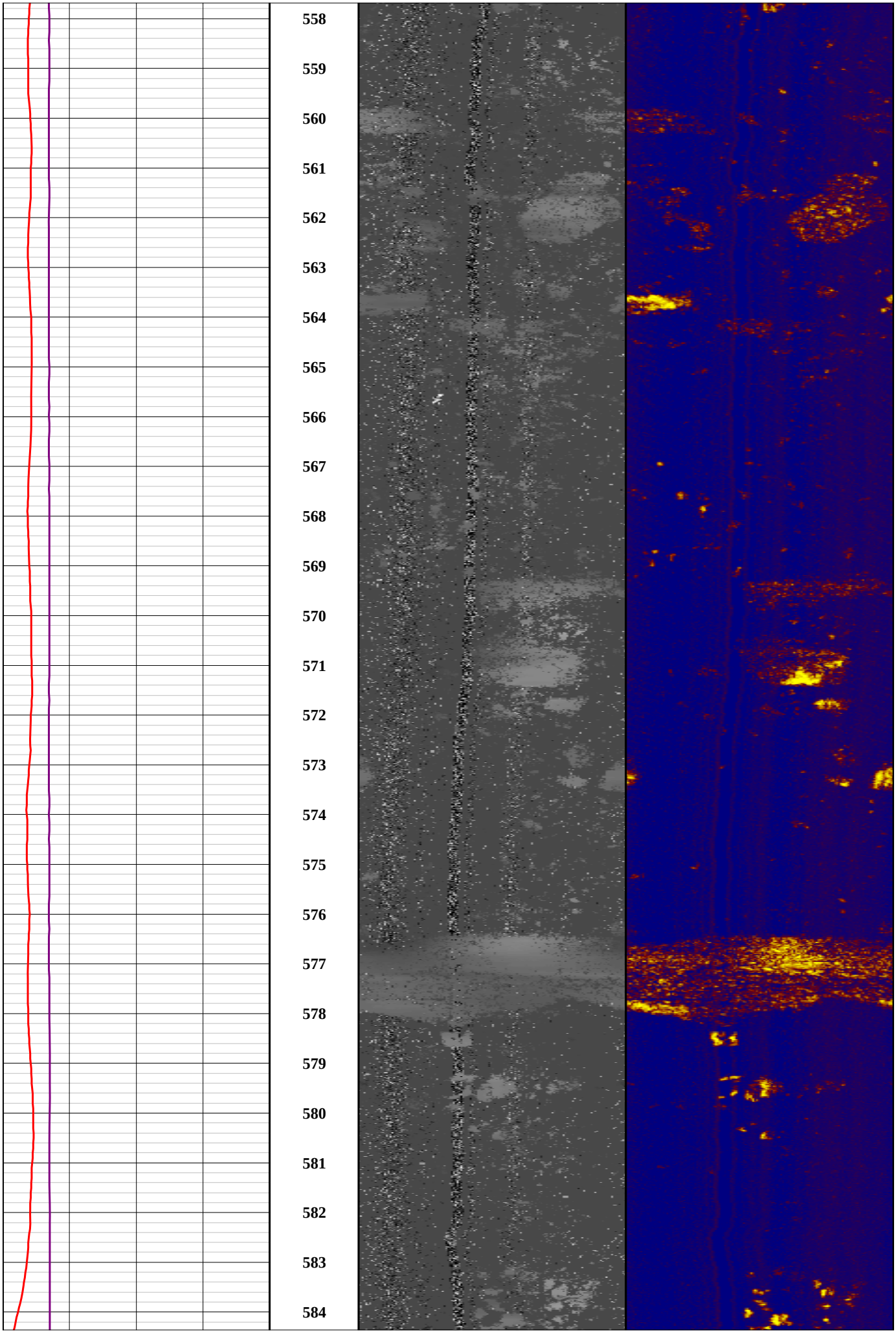

425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450

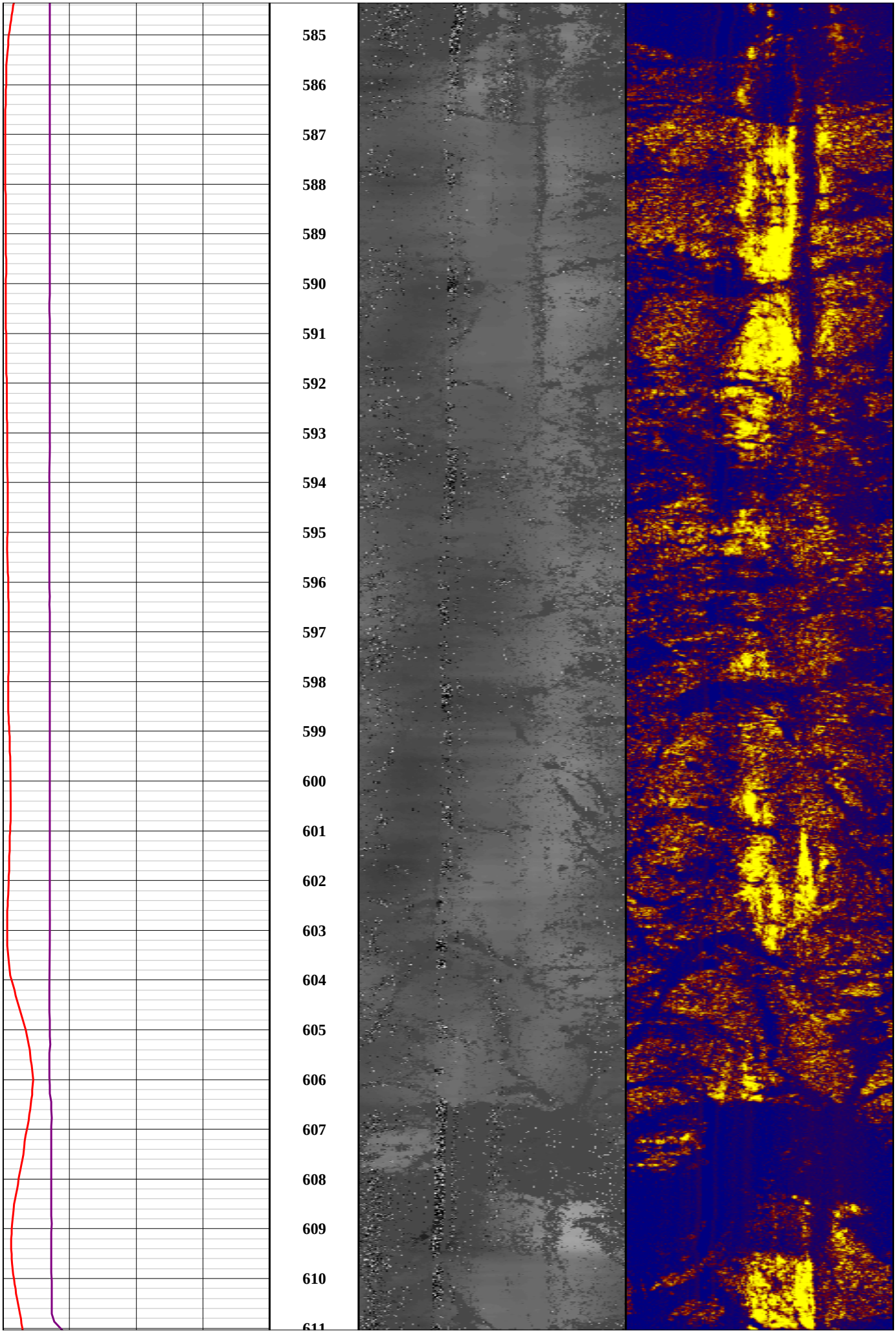

451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477

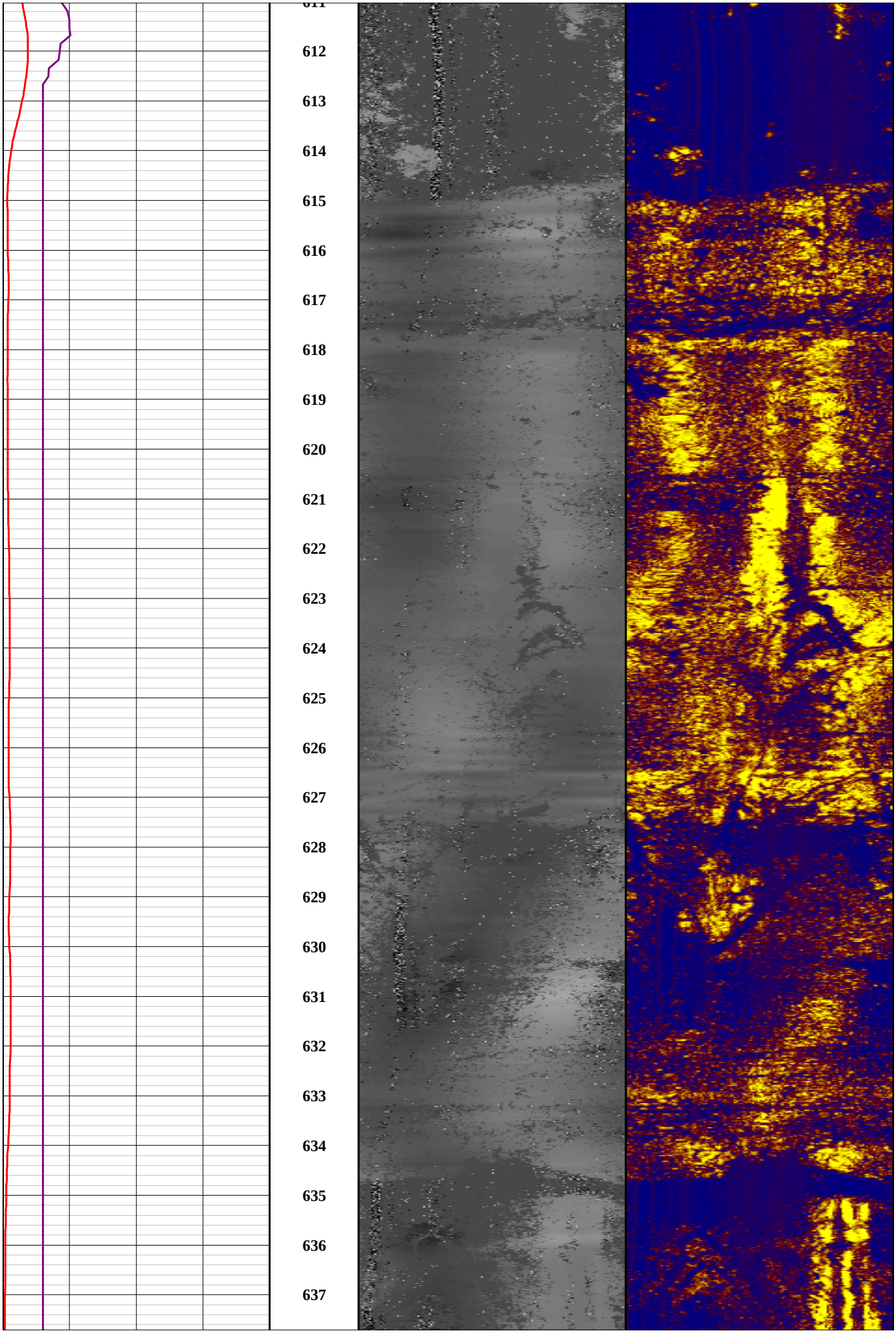

478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504


505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531

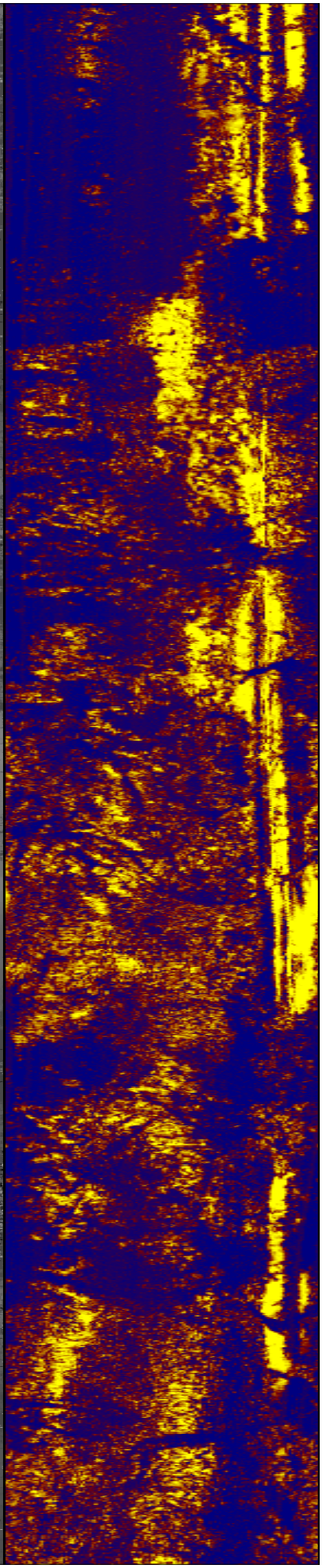

531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557

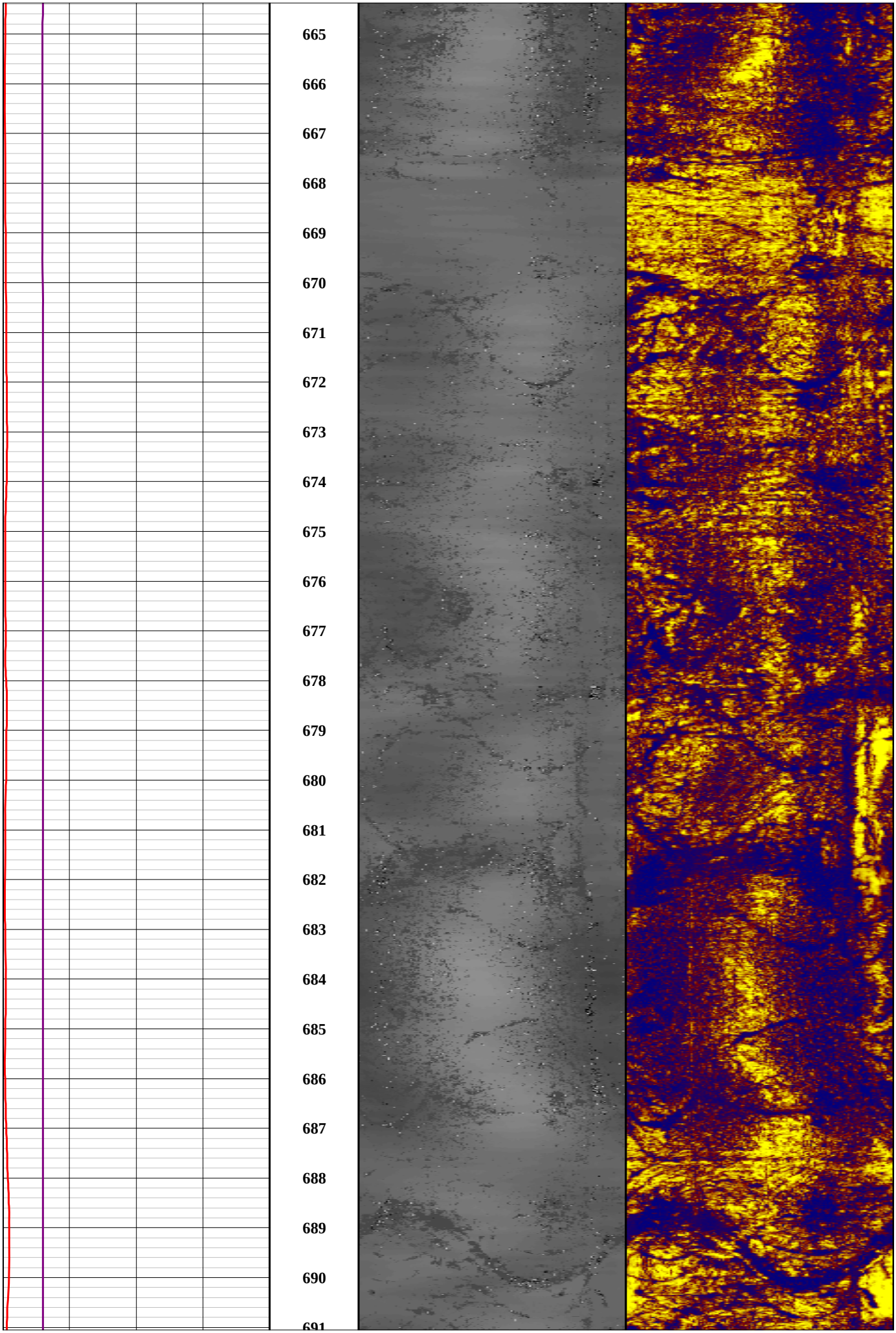

558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584

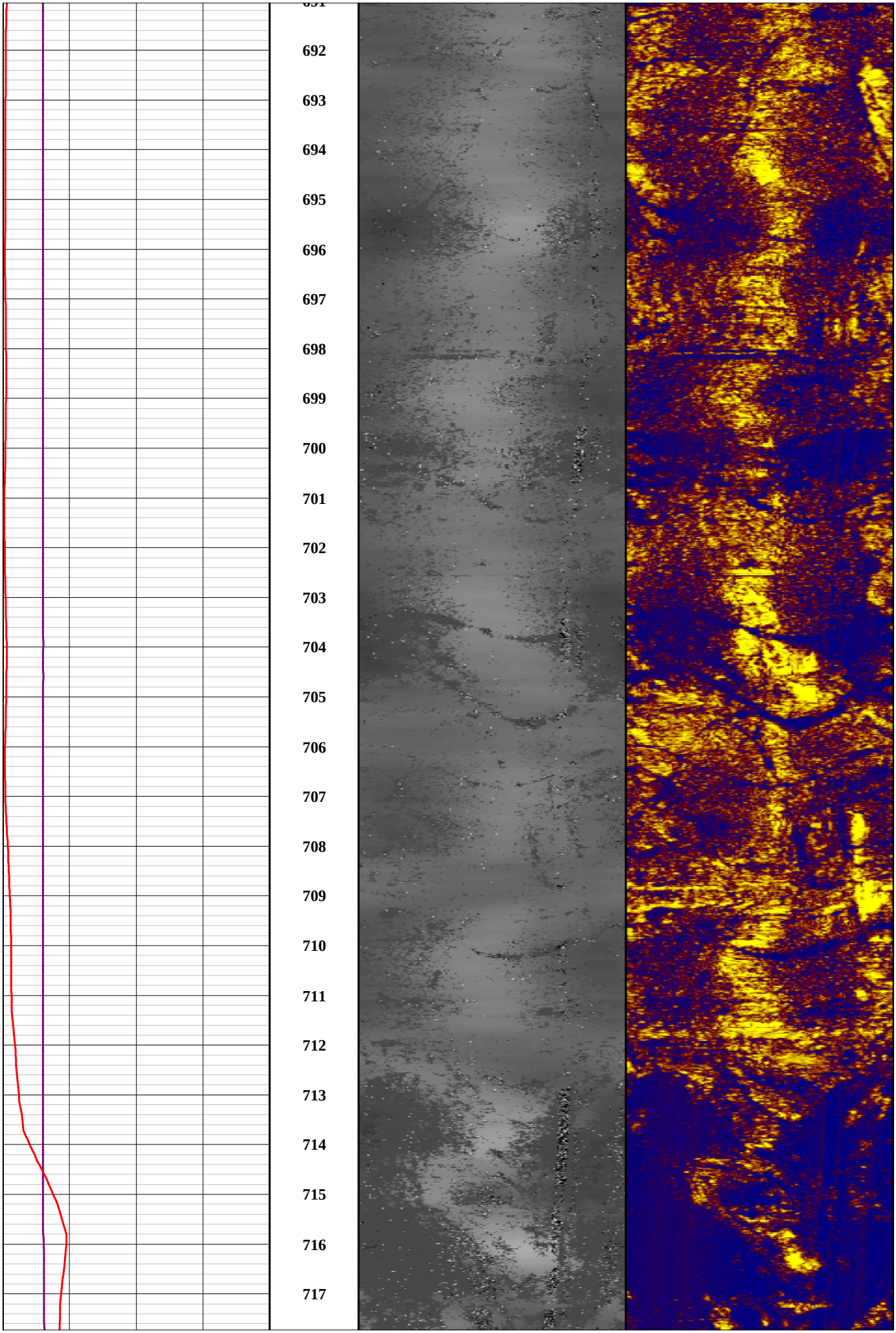

585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611

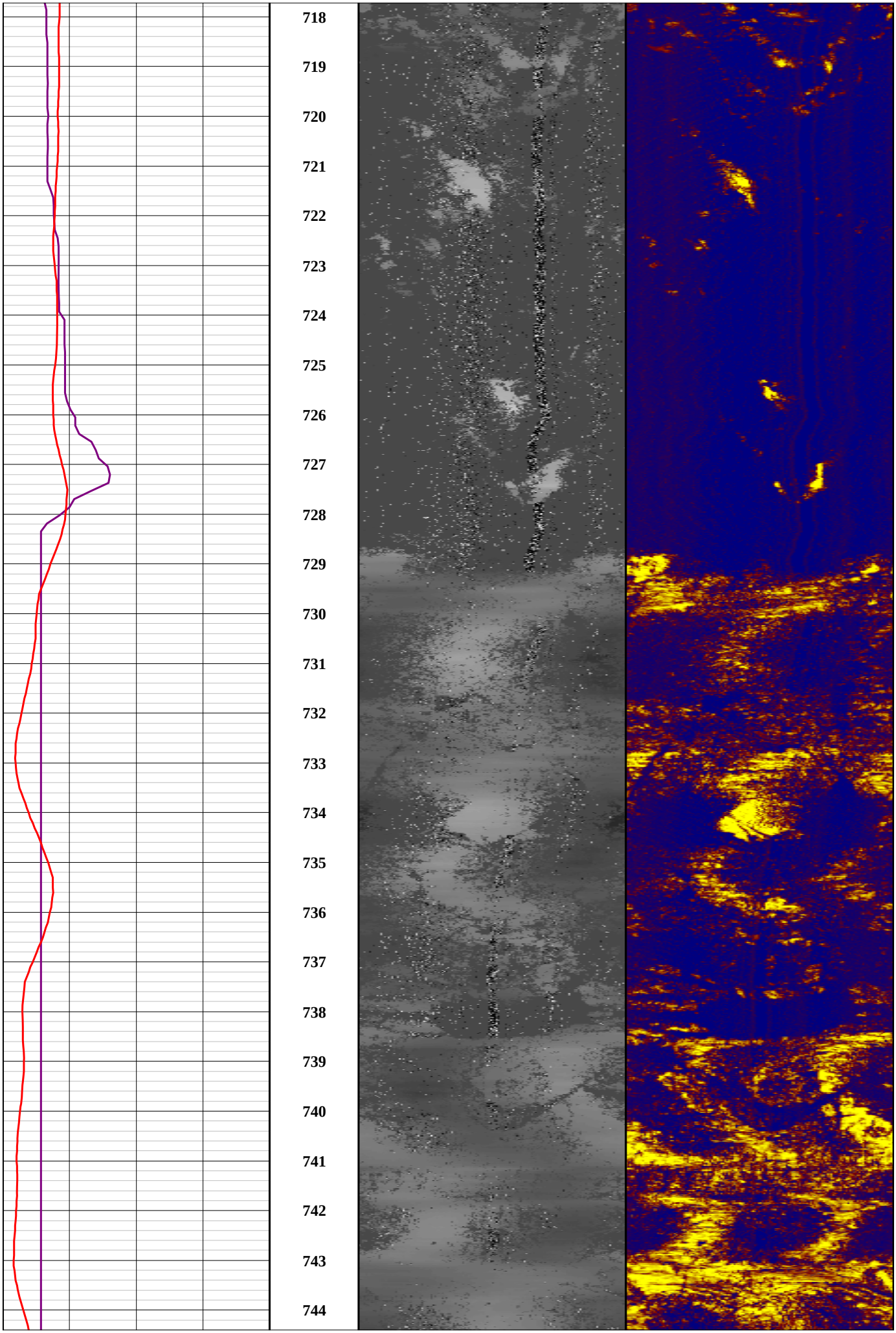

611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637

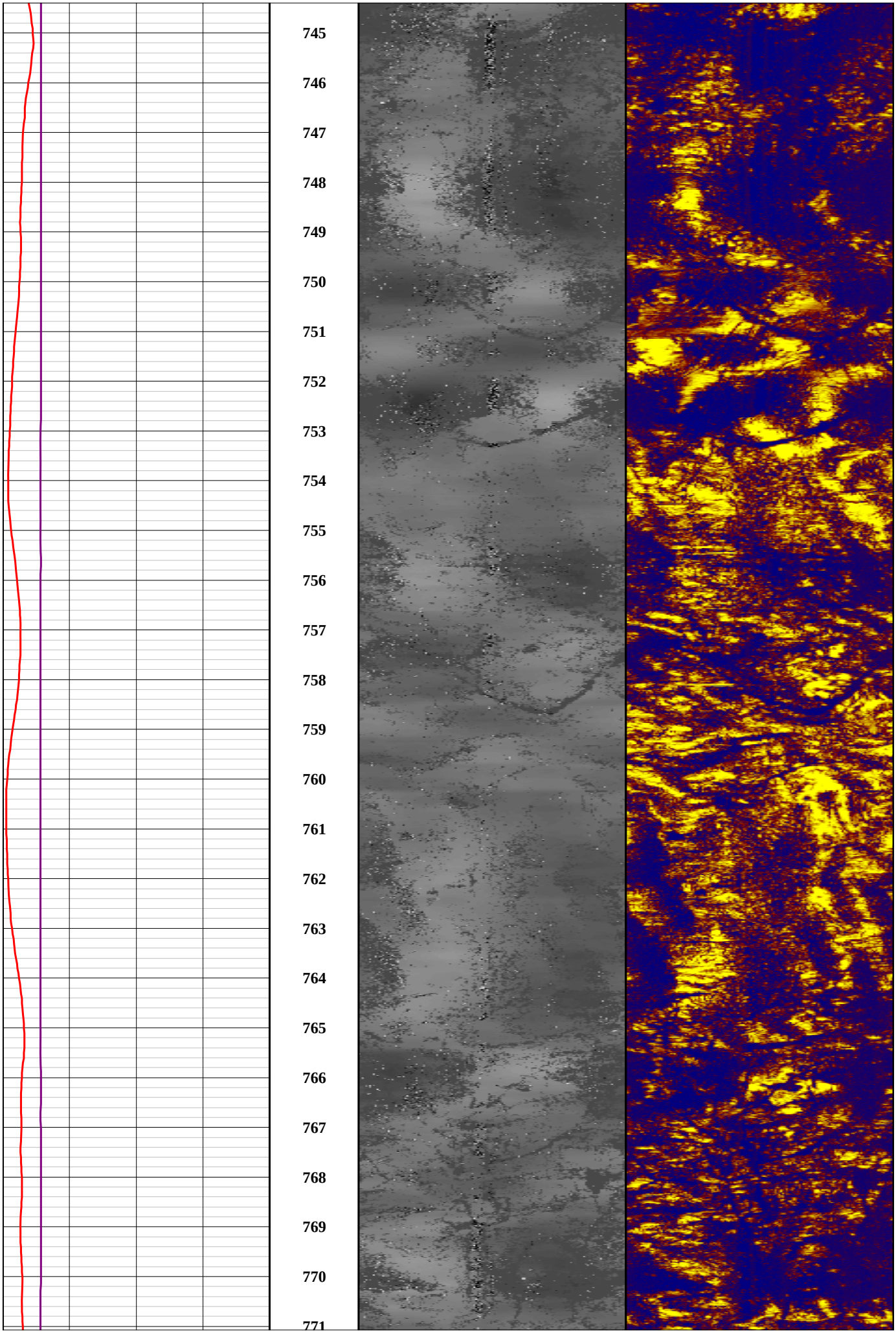
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664

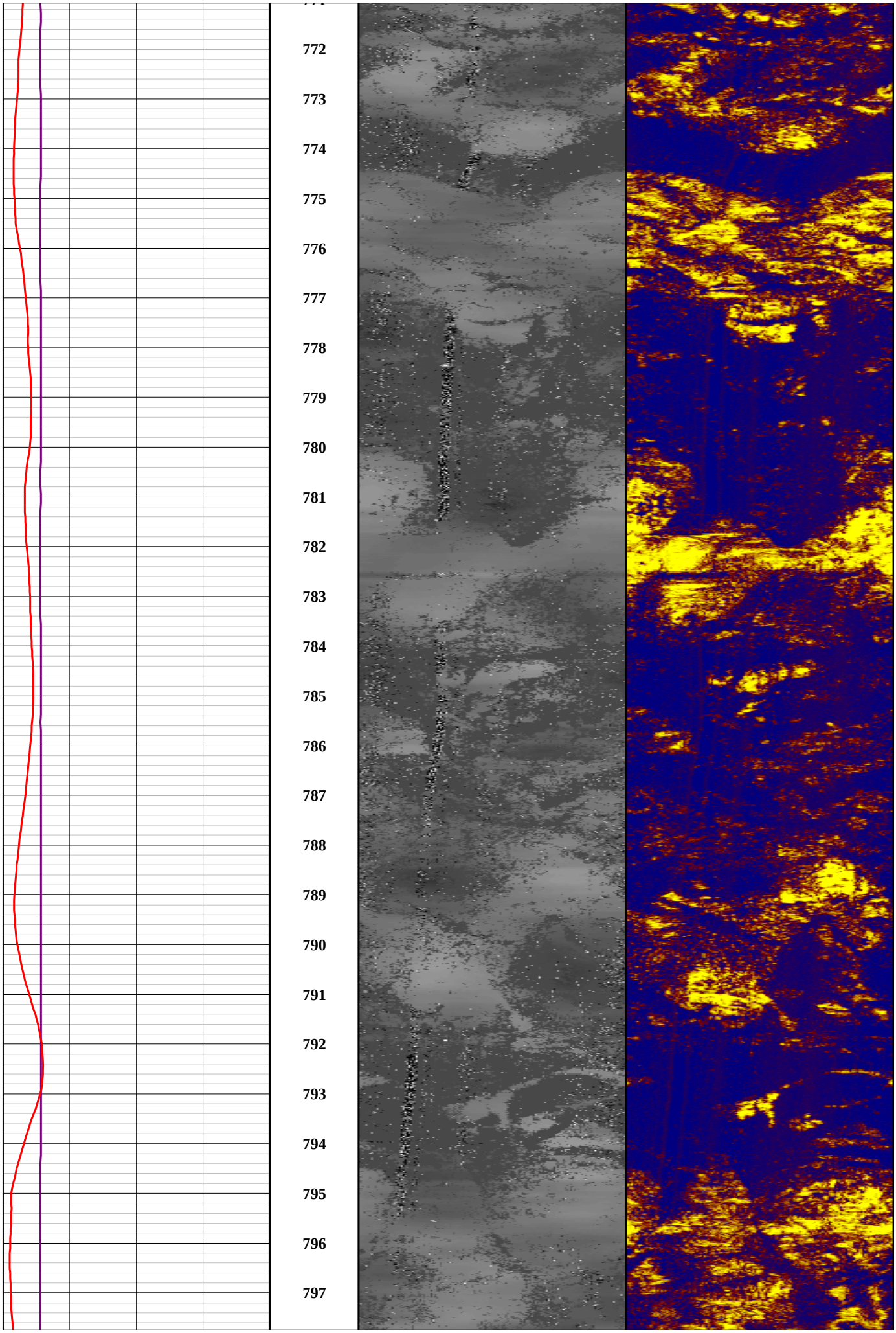


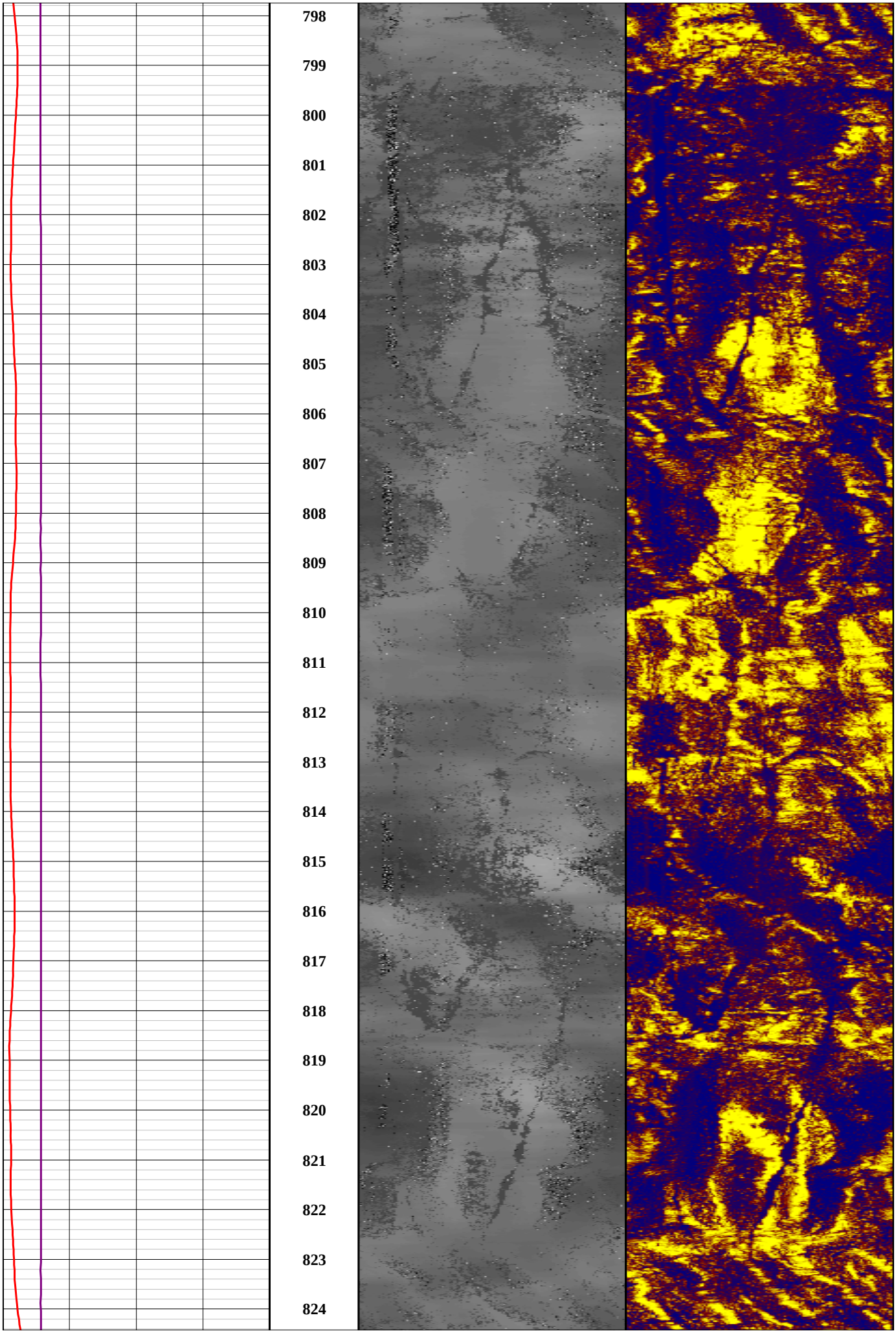

665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691

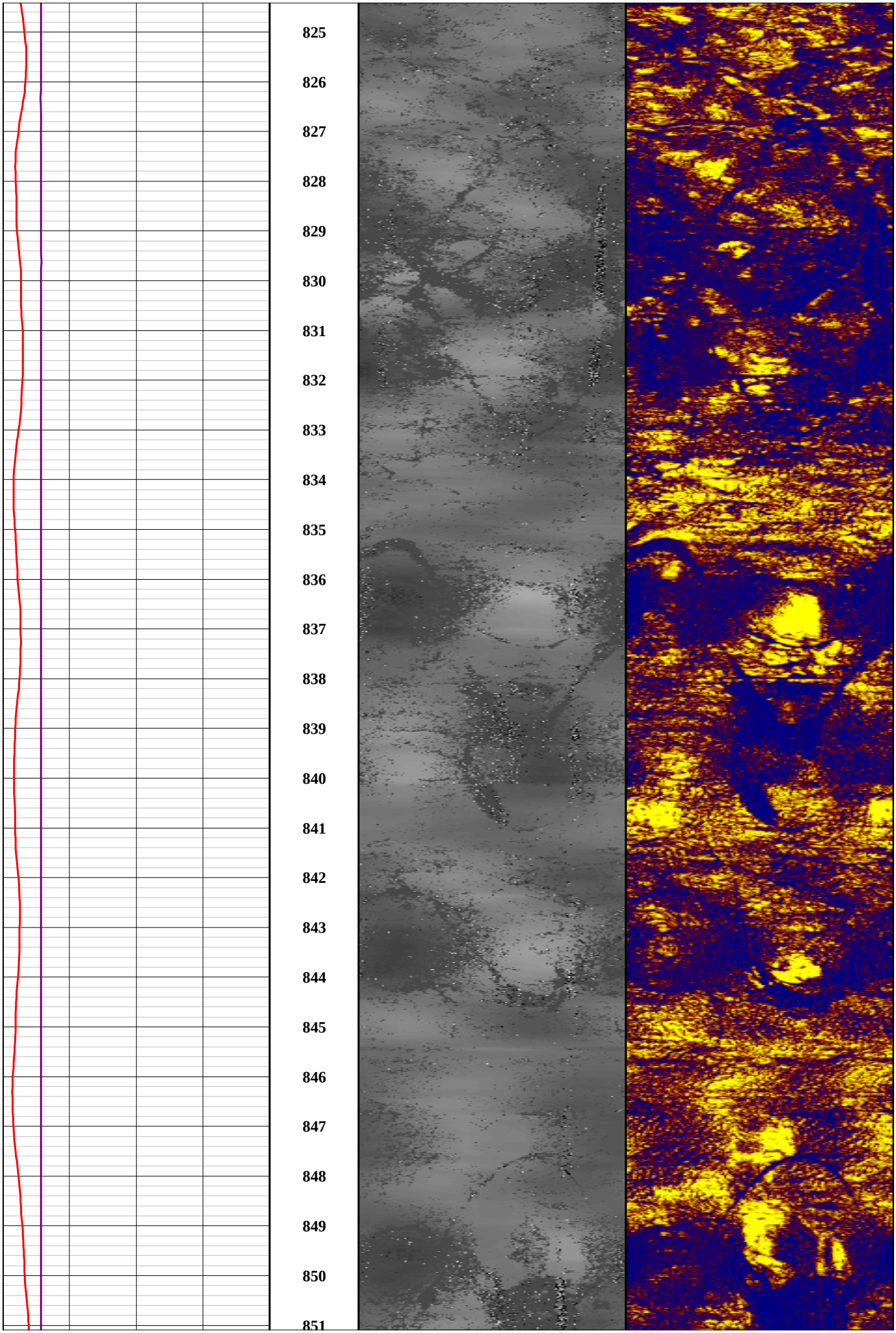

692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717

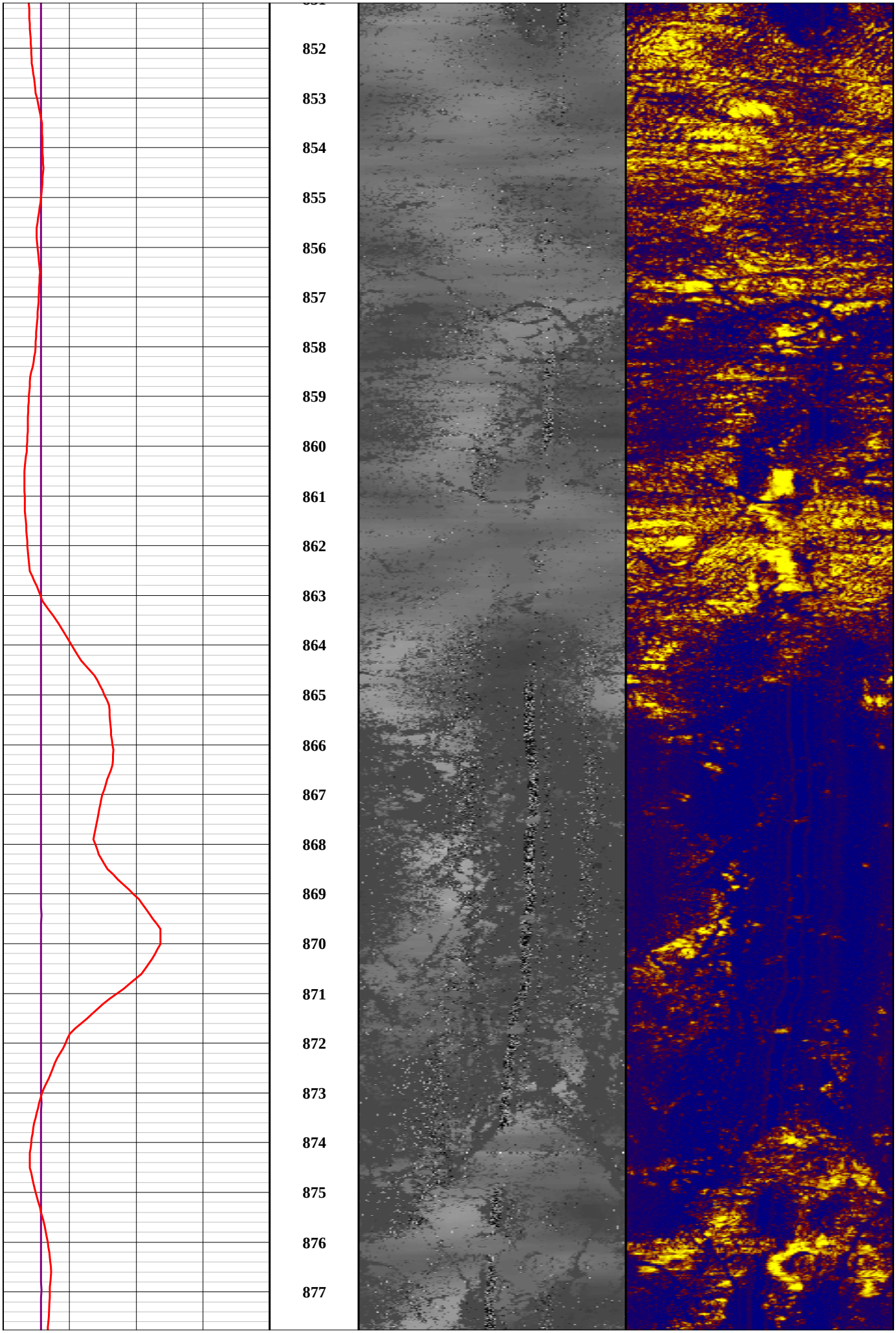

718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744

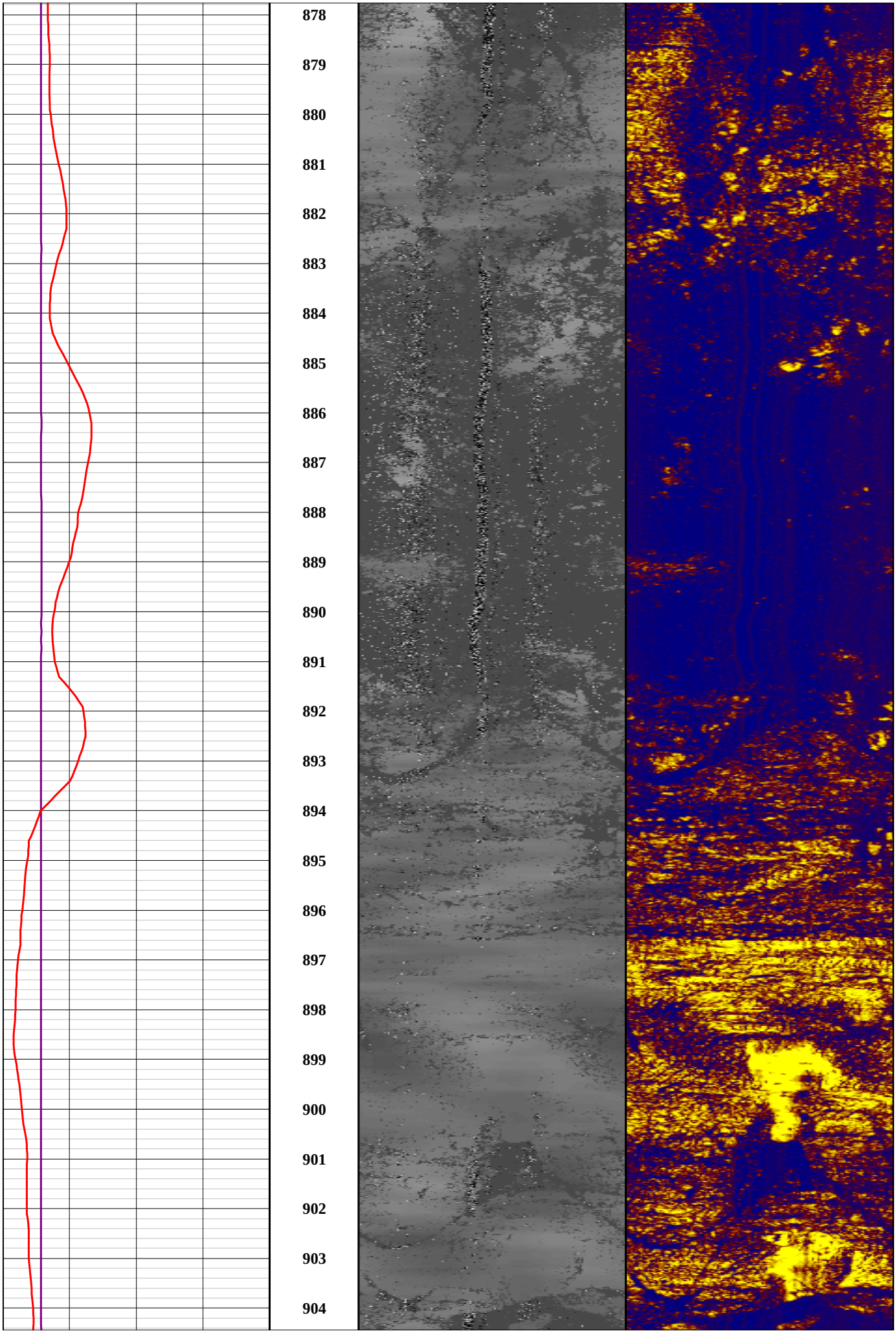

745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771

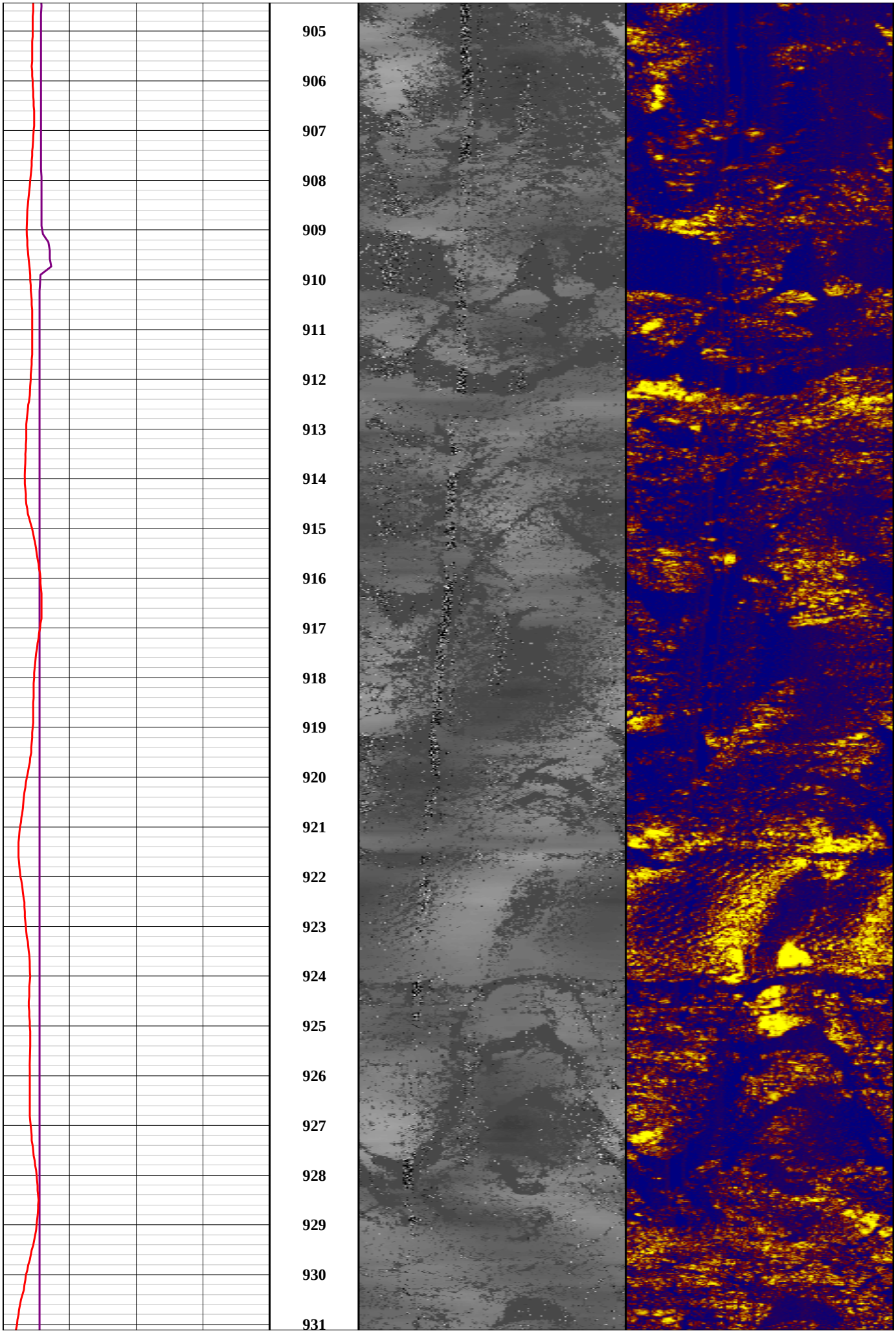

772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797

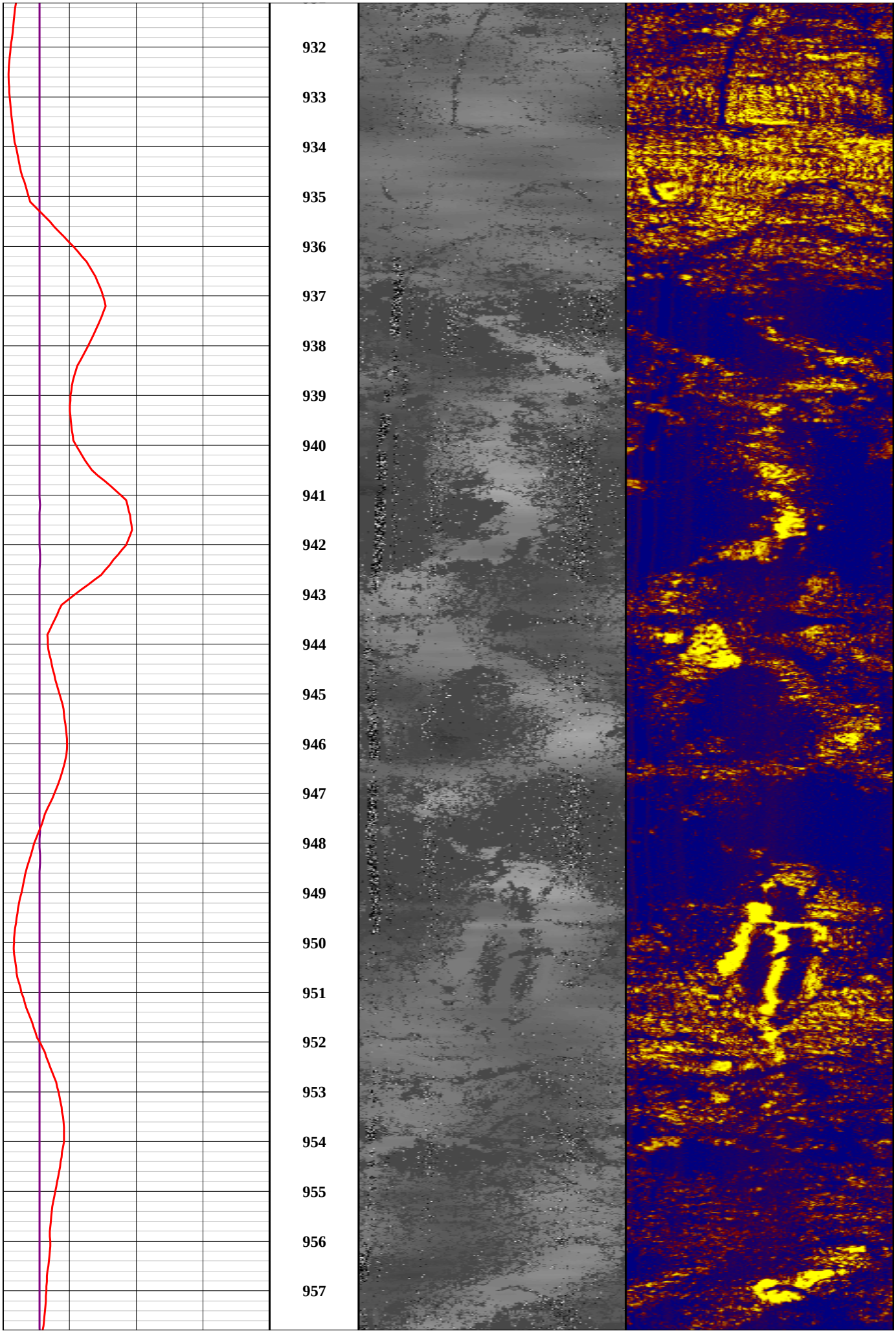

798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824

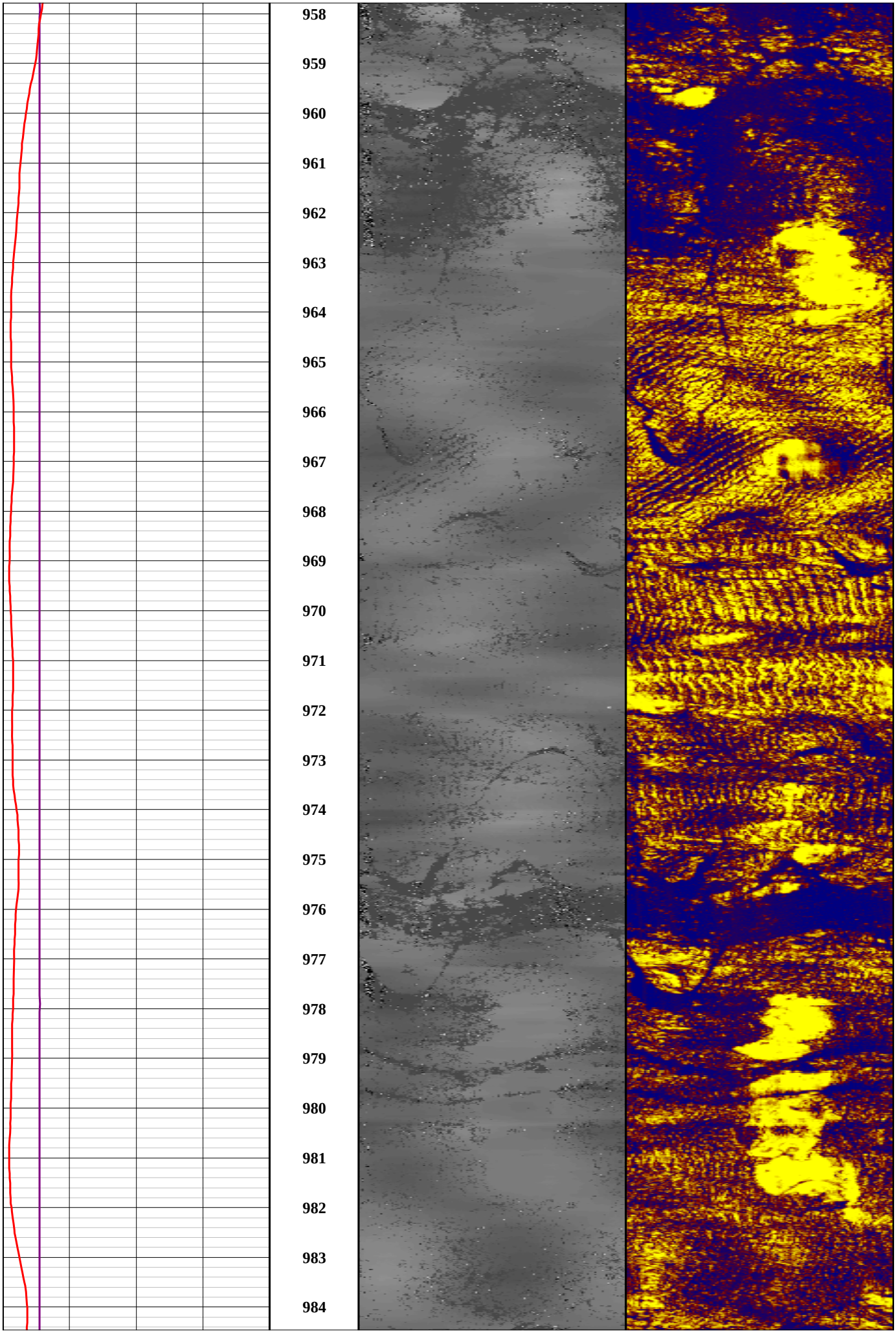

825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
841
842
843
844
845
846
847
848
849
850
851

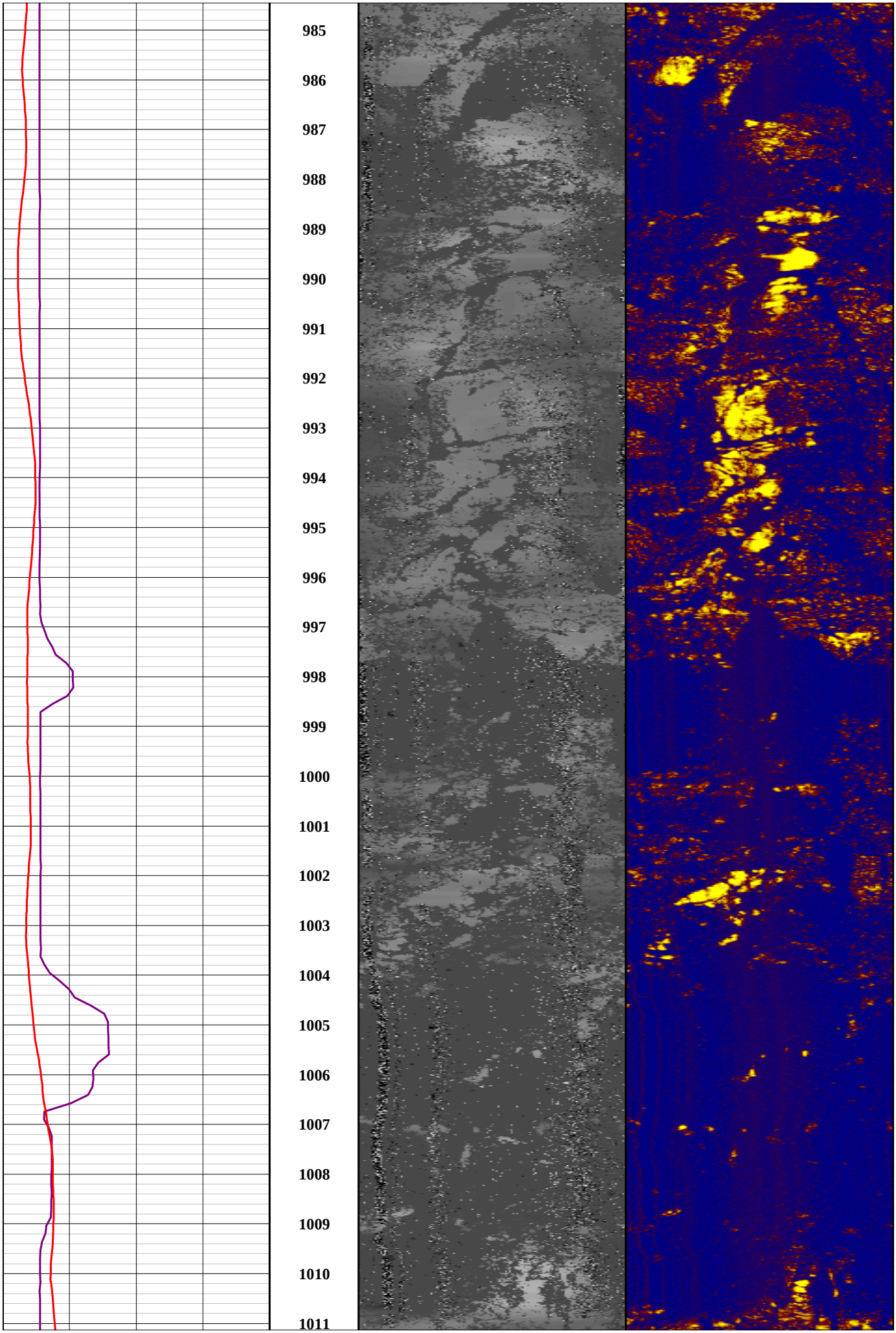

852
853
854
855
856
857
858
859
860
861
862
863
864
865
866
867
868
869
870
871
872
873
874
875
876
877

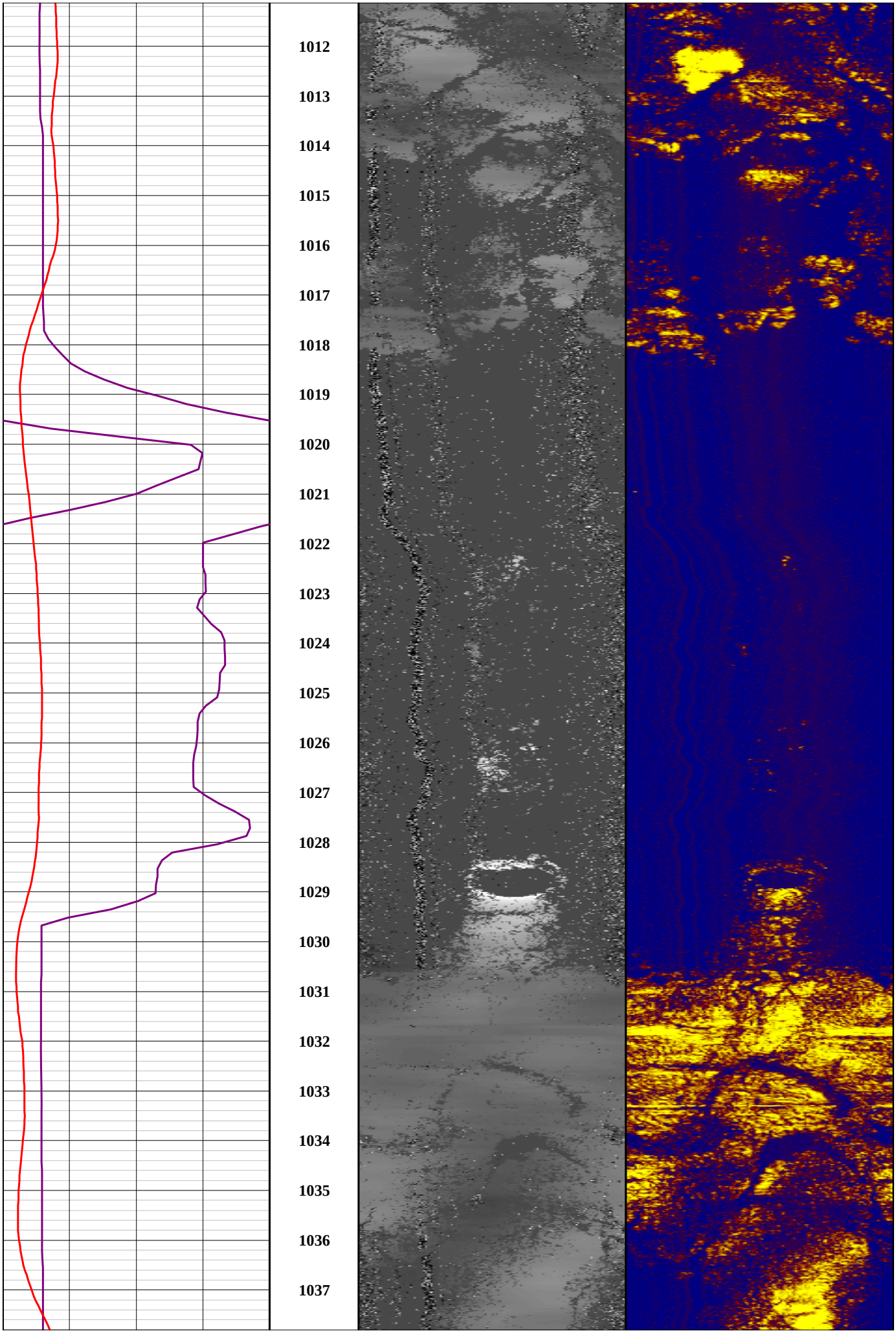

878
879
880
881
882
883
884
885
886
887
888
889
890
891
892
893
894
895
896
897
898
899
900
901
902
903
904

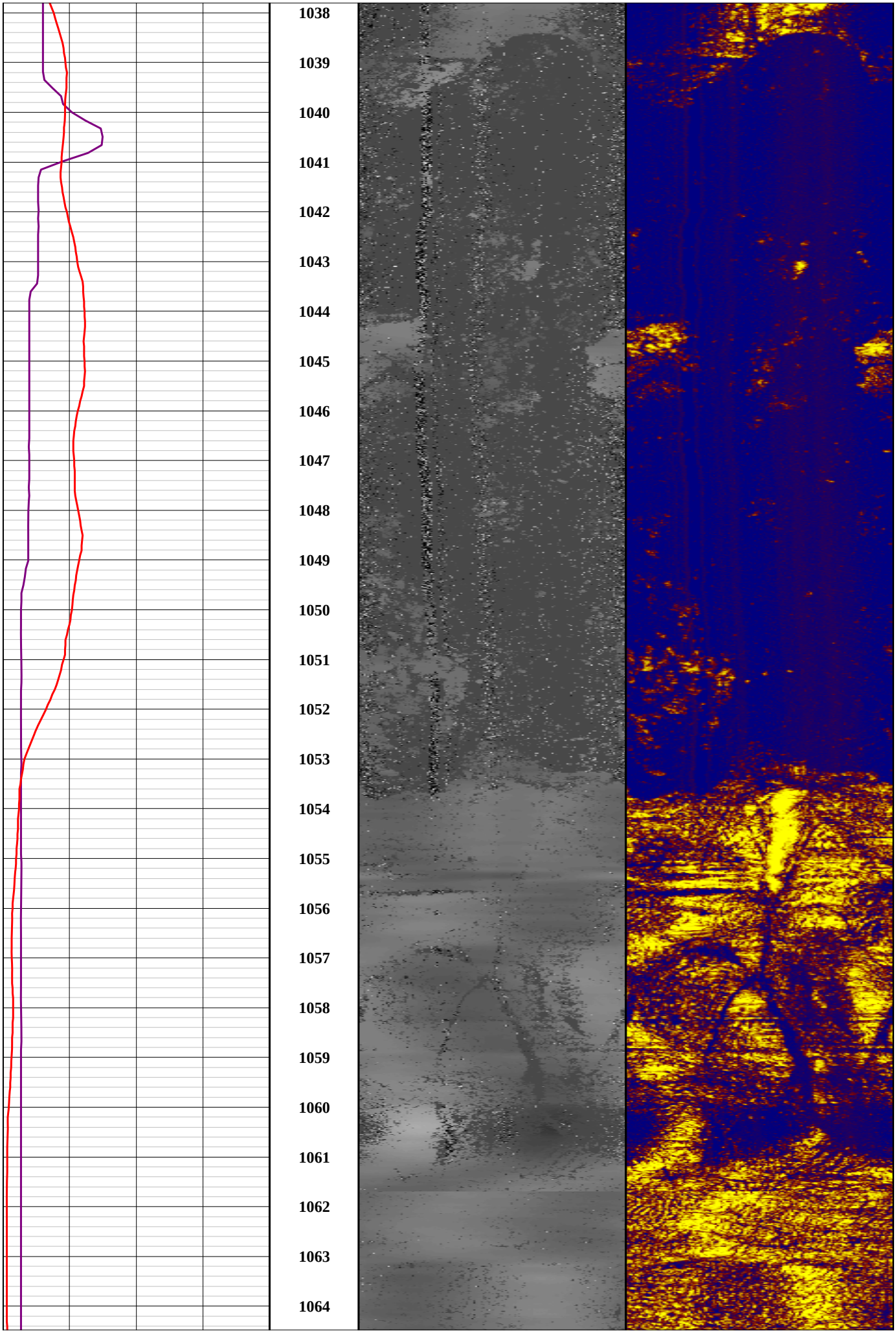

905
906
907
908
909
910
911
912
913
914
915
916
917
918
919
920
921
922
923
924
925
926
927
928
929
930
931

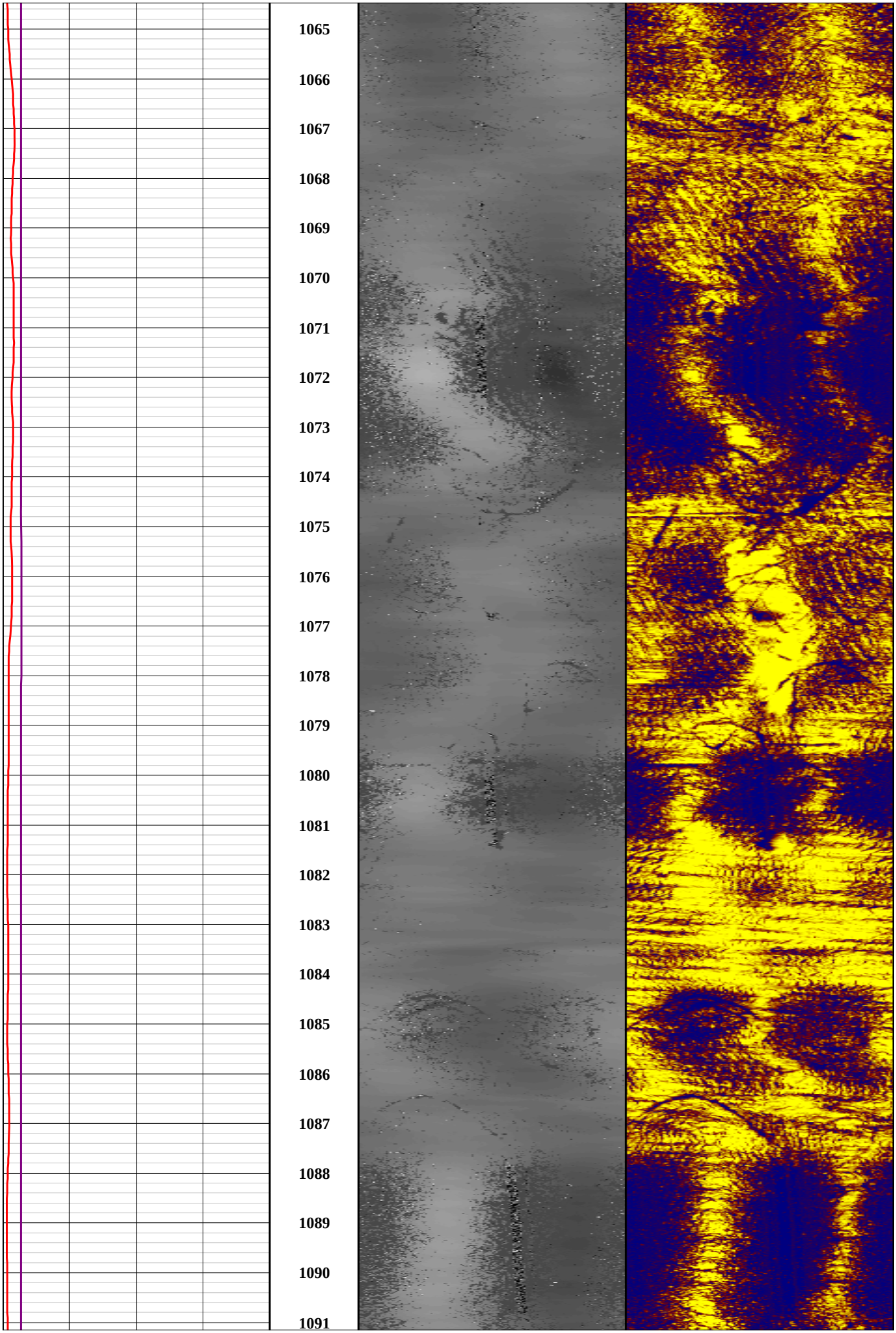

932
933
934
935
936
937
938
939
940
941
942
943
944
945
946
947
948
949
950
951
952
953
954
955
956
957

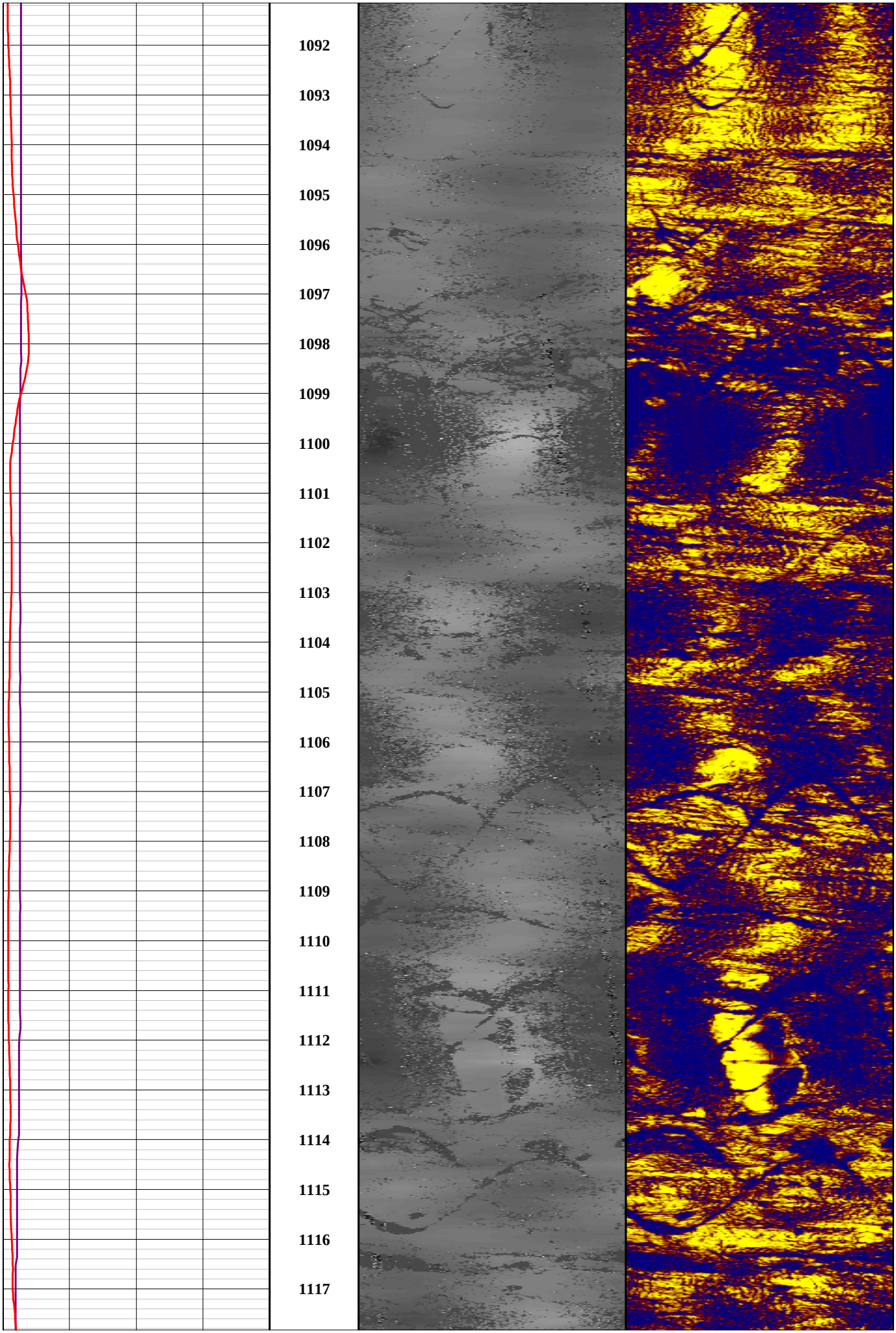

958
959
960
961
962
963
964
965
966
967
968
969
970
971
972
973
974
975
976
977
978
979
980
981
982
983
984

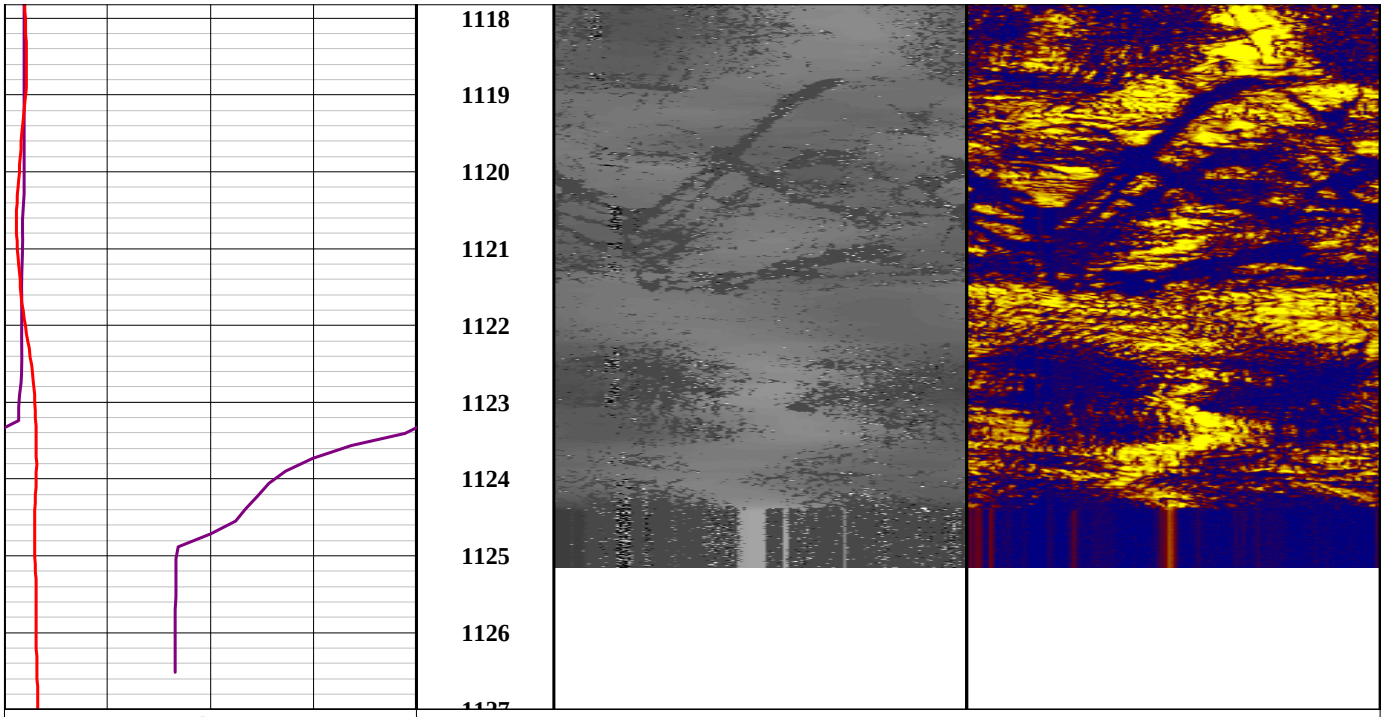

985
986
987
988
989
990
991
992
993
994
995
996
997
998
999
1000
1001
1002
1003
1004
1005
1006
1007
1008
1009
1010
1011


1012
1013
1014
1015
1016
1017
1018
1019
1020
1021
1022
1023
1024
1025
1026
1027
1028
1029
1030
1031
1032
1033
1034
1035
1036
1037


1038
1039
1040
1041
1042
1043
1044
1045
1046
1047
1048
1049
1050
1051
1052
1053
1054
1055
1056
1057
1058
1059
1060
1061
1062
1063
1064


1065
1066
1067
1068
1069
1070
1071
1072
1073
1074
1075
1076
1077
1078
1079
1080
1081
1082
1083
1084
1085
1086
1087
1088
1089
1090
1091


1092
1093
1094
1095
1096
1097
1098
1099
1100
1101
1102
1103
1104
1105
1106
1107
1108
1109
1110
1111
1112
1113
1114
1115
1116
1117



Natural Gamma	Depth	TravelTime-NM	Amplitude-NM
0 CPS 500	1ft:30ft	0° 90° 180° 270° 0°	0° 90° 180° 270° 0°
Caliper			
10 inches 24			