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-018
Field	Gunnison
County	Cochise
State	AZ

COMPANY Excelsior
WELL NSH-018
FIELD Gunnison
COUNTY Cochise **STATE** Arizona

LOCATION
NSH-018

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

OTHER SERVICES
Full-Waveform Sonic
Focused Density
Electrical Log
Dual Neutron
Caliper

Flow Meter

PERMANENT DATUM Ground Level **ELEVATION** NA

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

DRILLING MEAS. FROM Ground Level

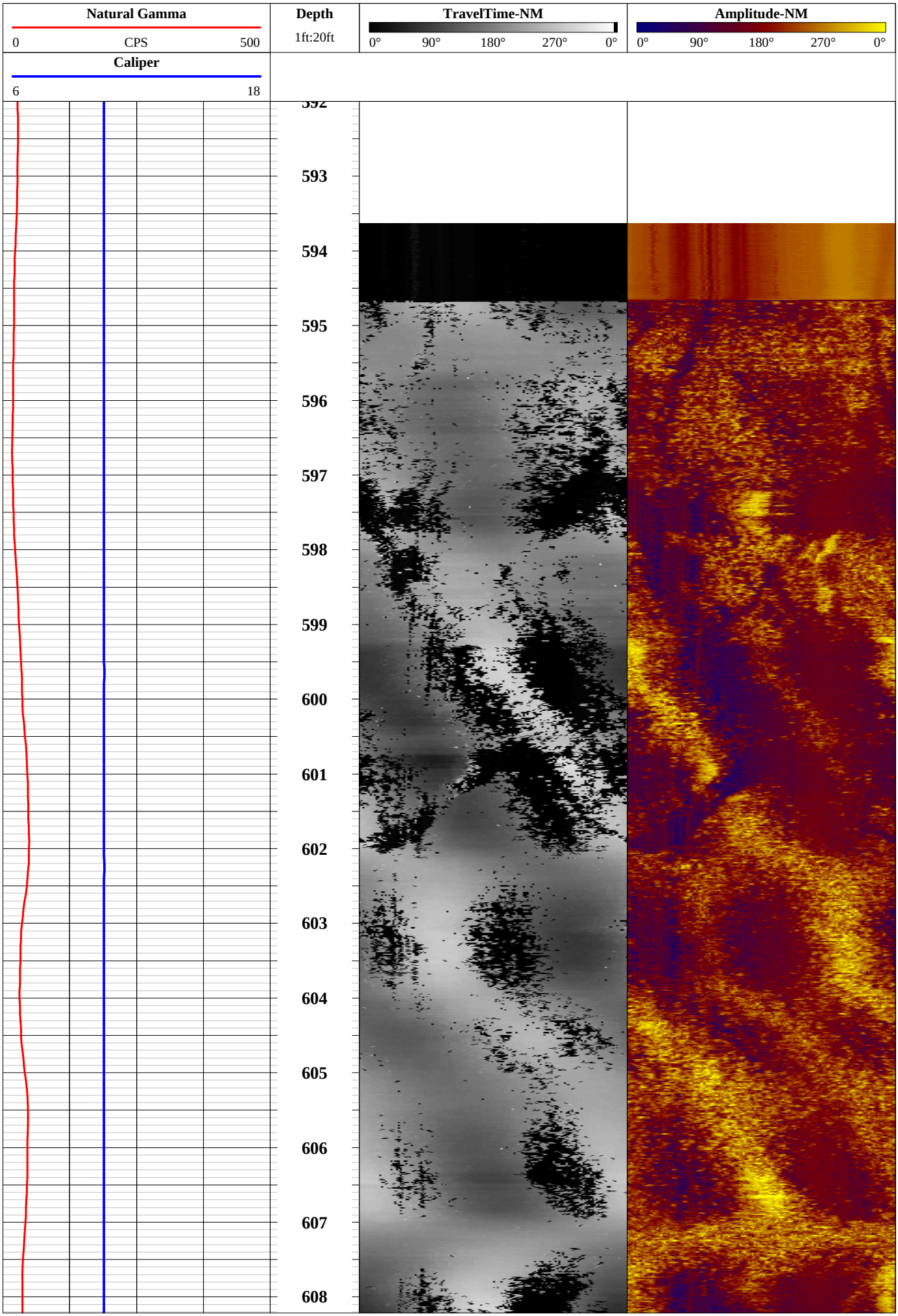
DATE ACQUIRED	6 December 2014	6 December 2014		
RUN NUMBER	1			
LOG TYPE	ABI	Gamma/Caliper		
DEPTH-DRILLER	1000'			
DEPTH-LOGGER	997'	997'		
BTM LOG INTERVAL	995.6'	994.8'		
TOP LOG INTERVAL	593.6'	3.4'		
RECORDED BY	C. ONeil			
WITNESSED BY	Jason			
PROBE TYPE, S/N	ABI, 111018	FDGS 5924		
LOGGING SPEED	6 ft/min	20ft/min		
A.S.D.E.	0.18'	0.16'		
SAMPLE INTERVAL	0.0075'	0.1'		

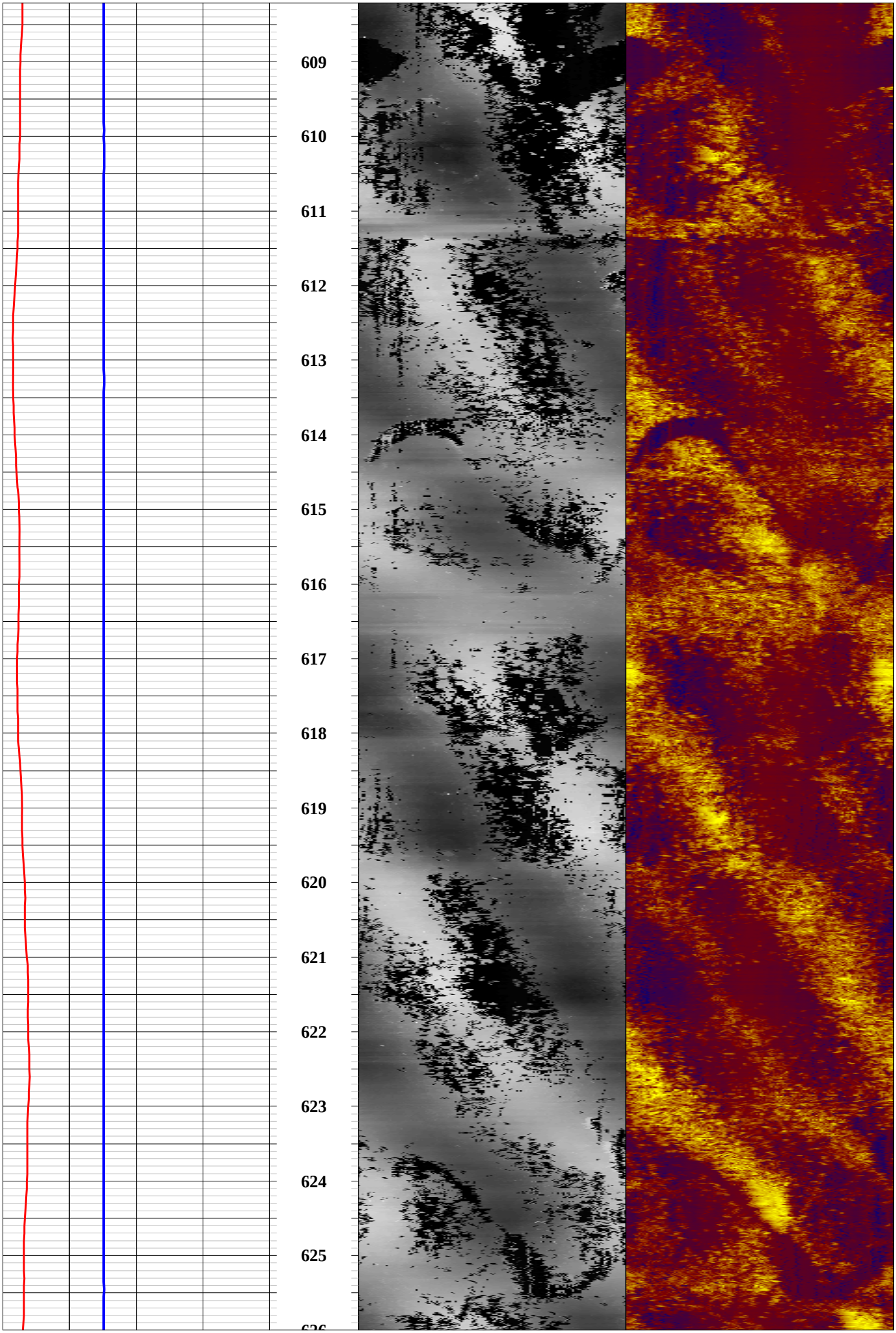
BOREHOLE RECORD				**CASING RECORD**			
RUN No.	**BIT**	**FROM**	**TO**	**SIZE**	**WGT.**	**FROM**	**TO**
ONE	10"	20'	1000'	12"	Steel	GS	20'

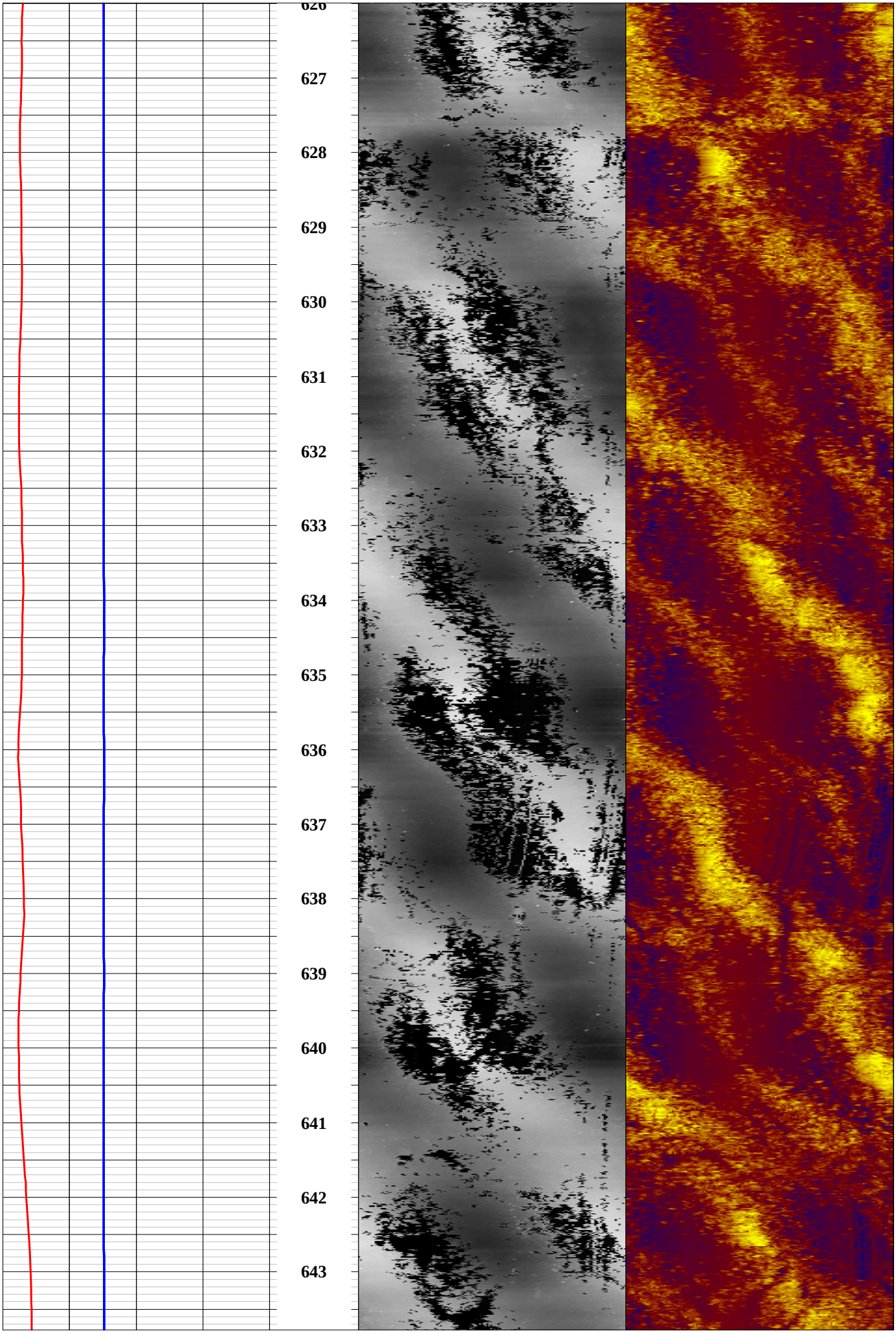
NA - Not Available, N/A - Not Applicable

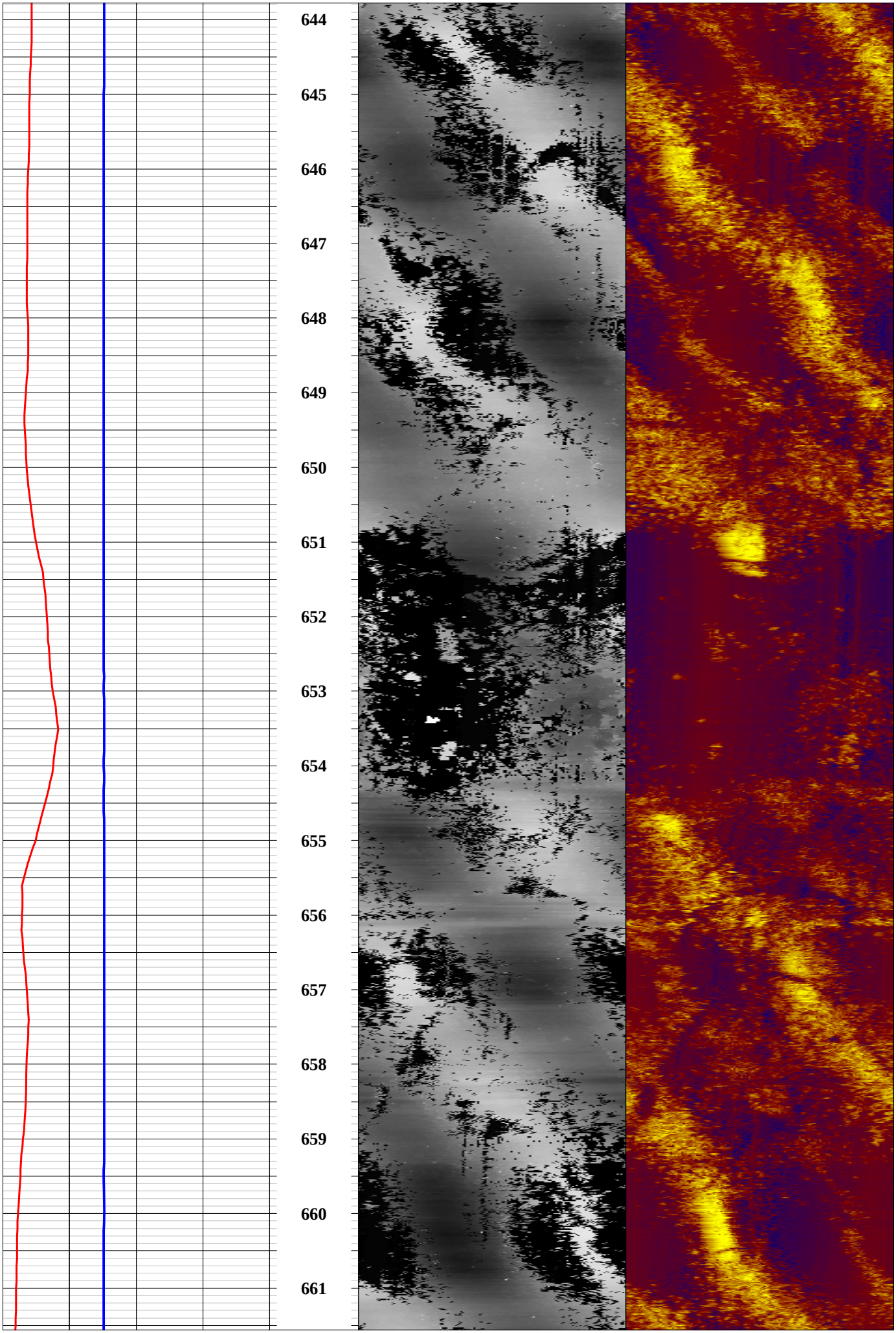
COMMENTS
Water-level = 595'

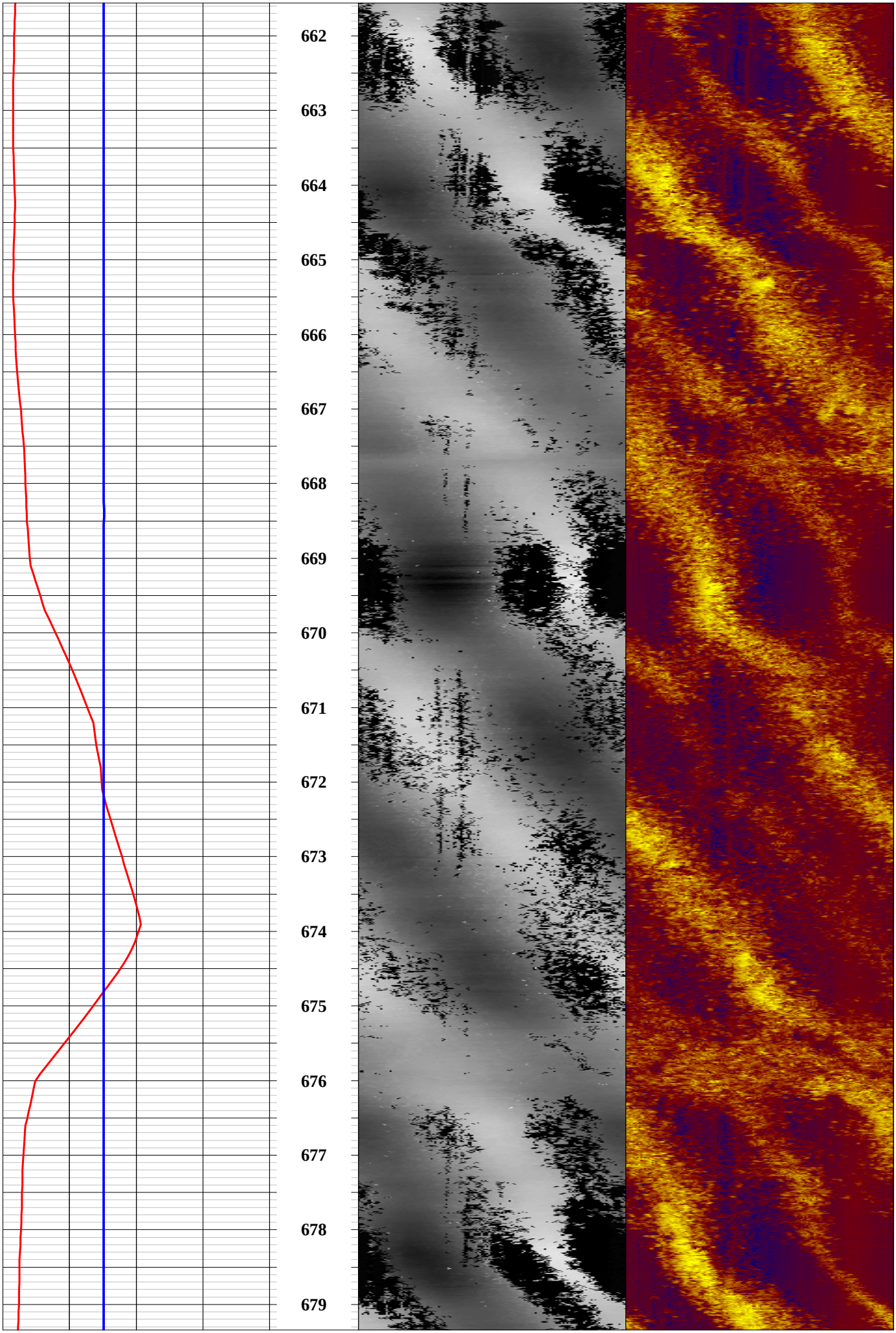
INPUT FILES:
NSH-018 ABI.tfd
NSH-018 CAL-U.tfd

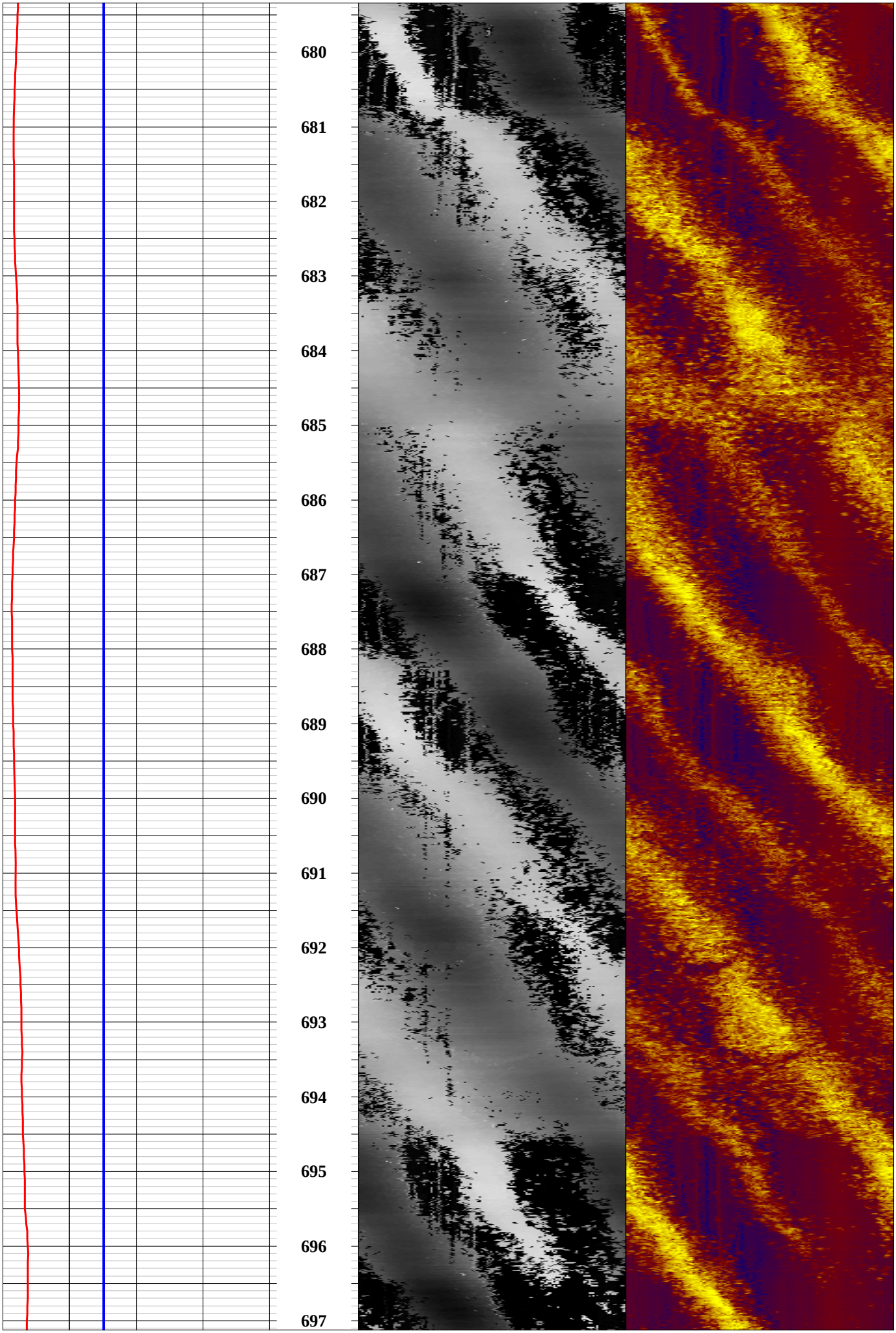

Natural Gamma
0
CPS
500
Caliper
6
18
Depth
1ft:20ft
TravelTime-NM
0°
90°
180°
270°
0°
Amplitude-NM
0°
90°
180°
270°
0°
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608

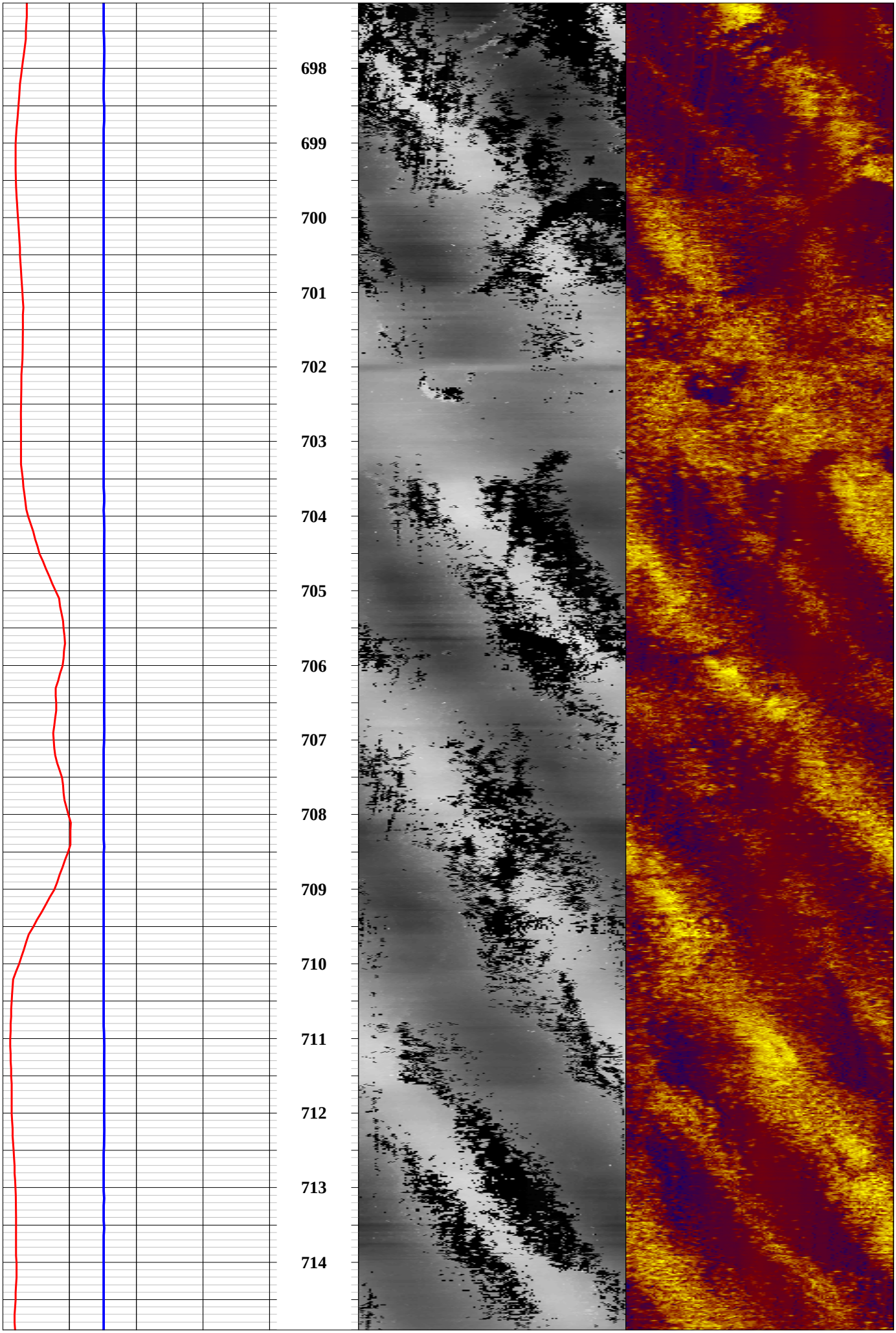

609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625

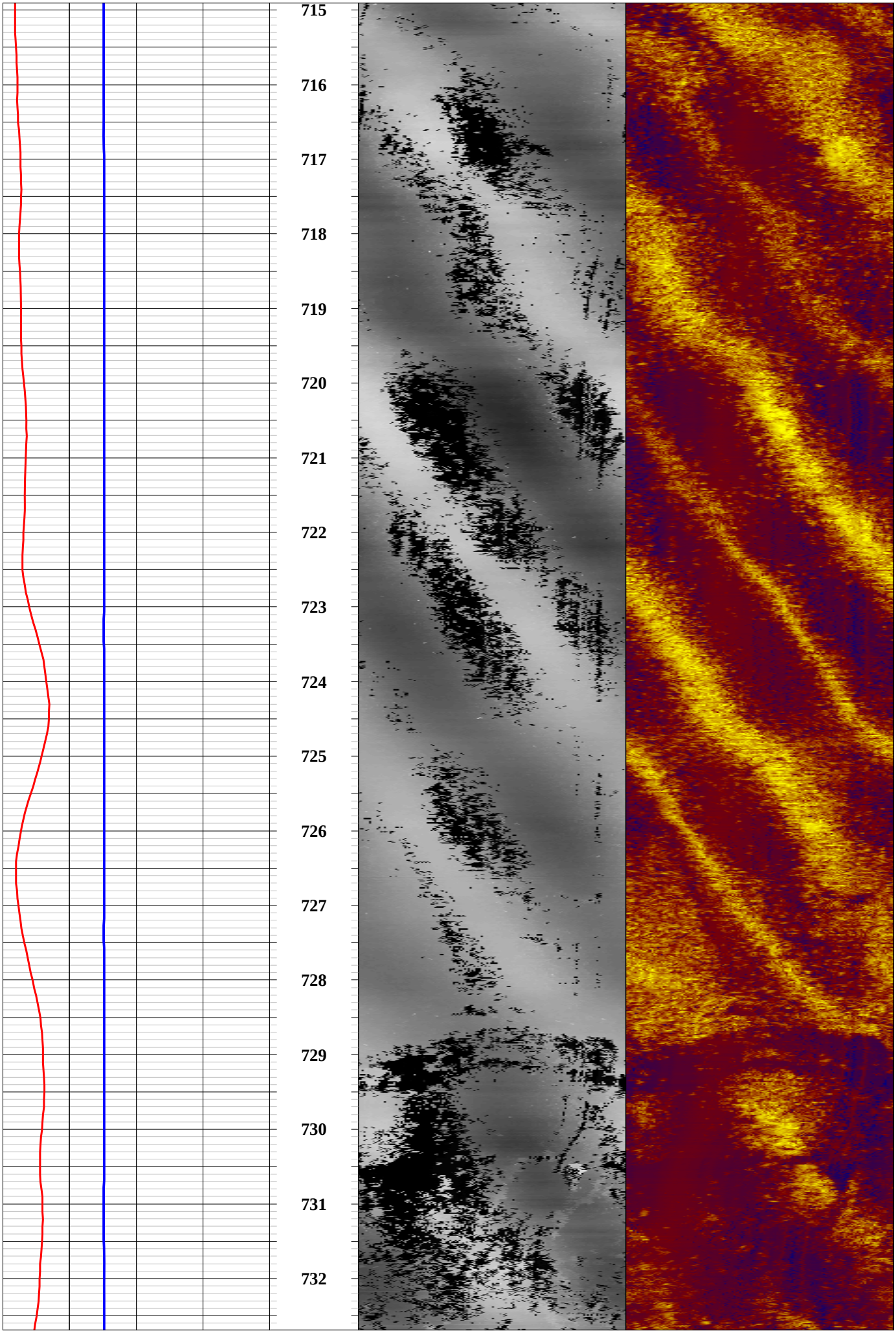

626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643

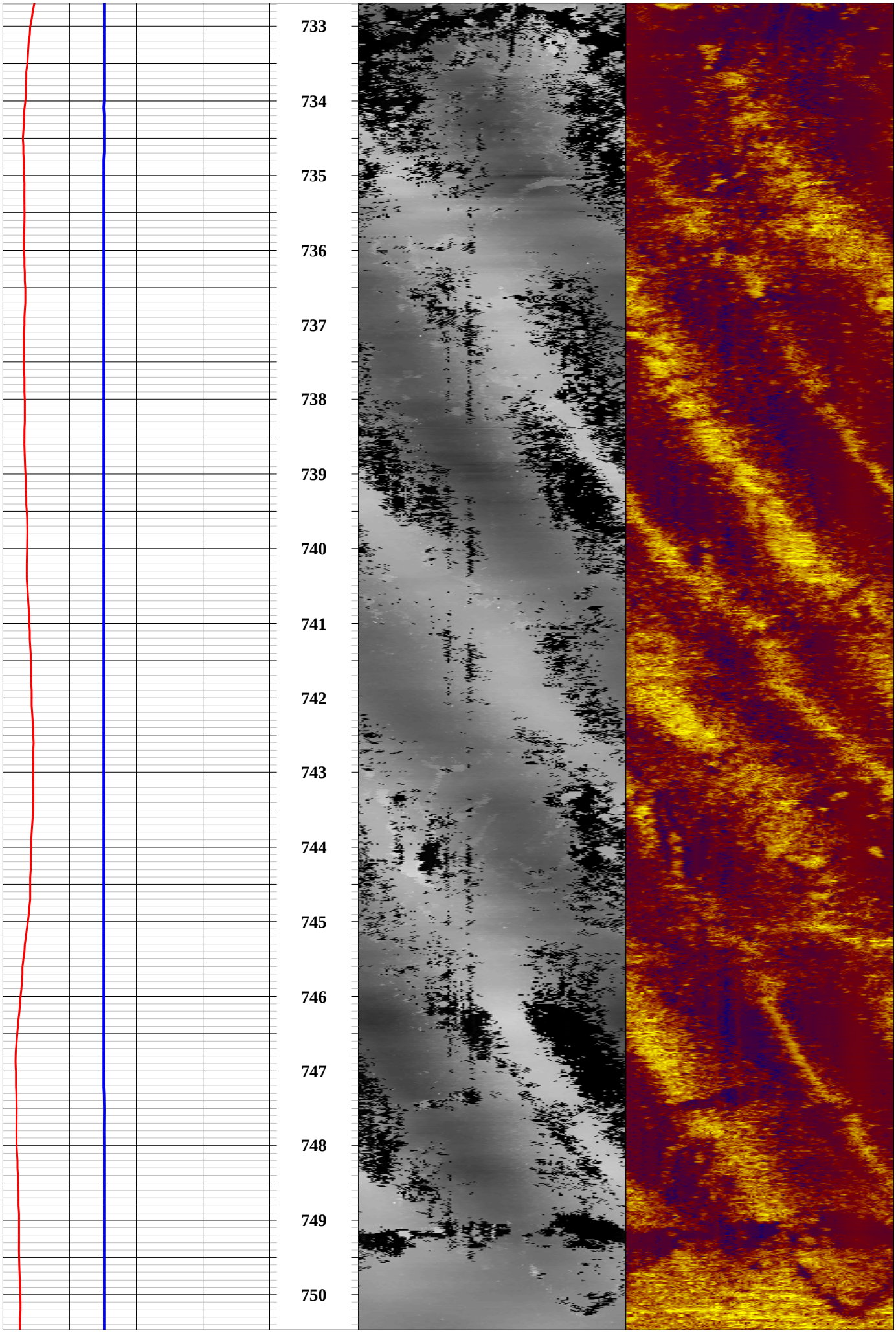

644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661

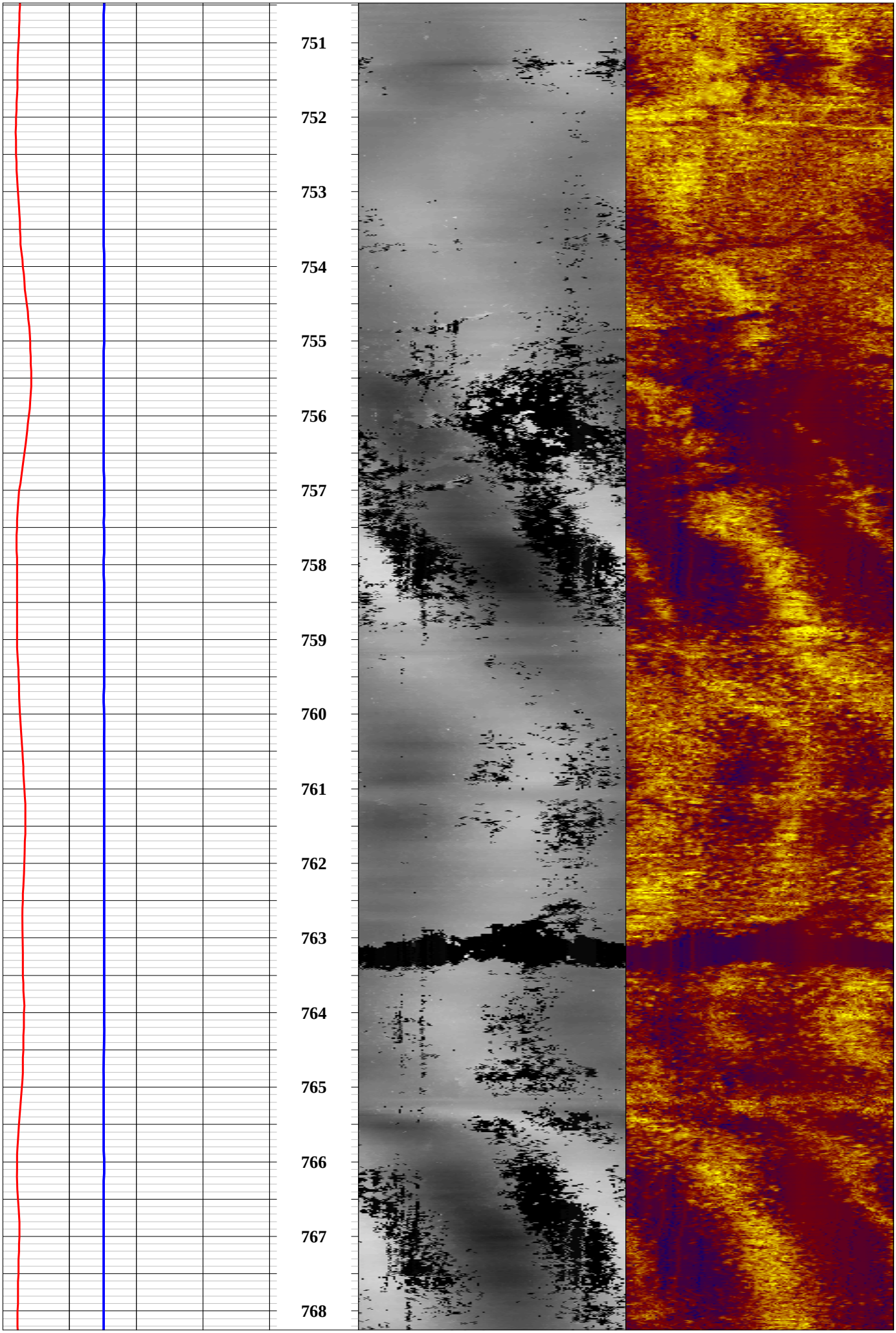

662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679

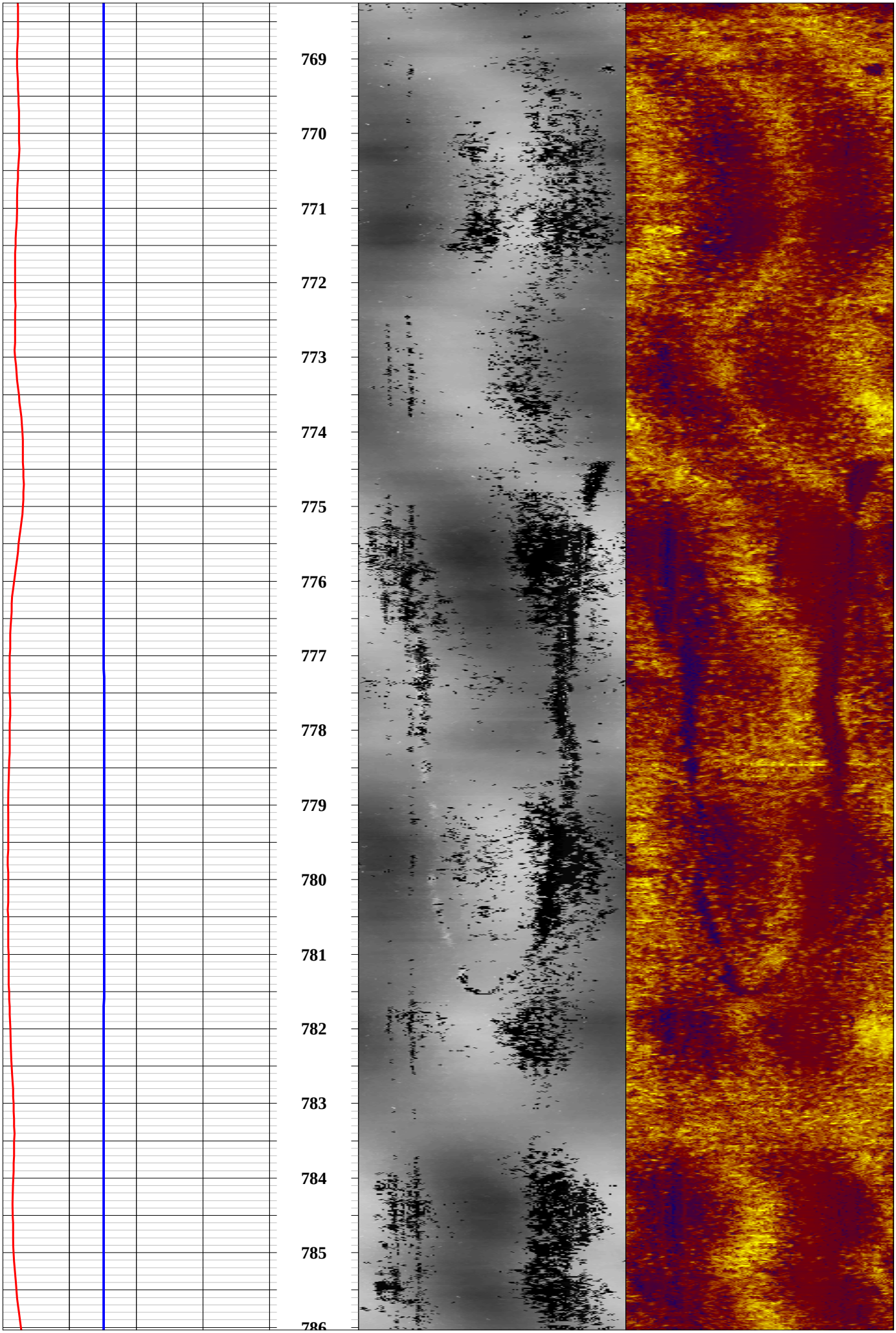

680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697

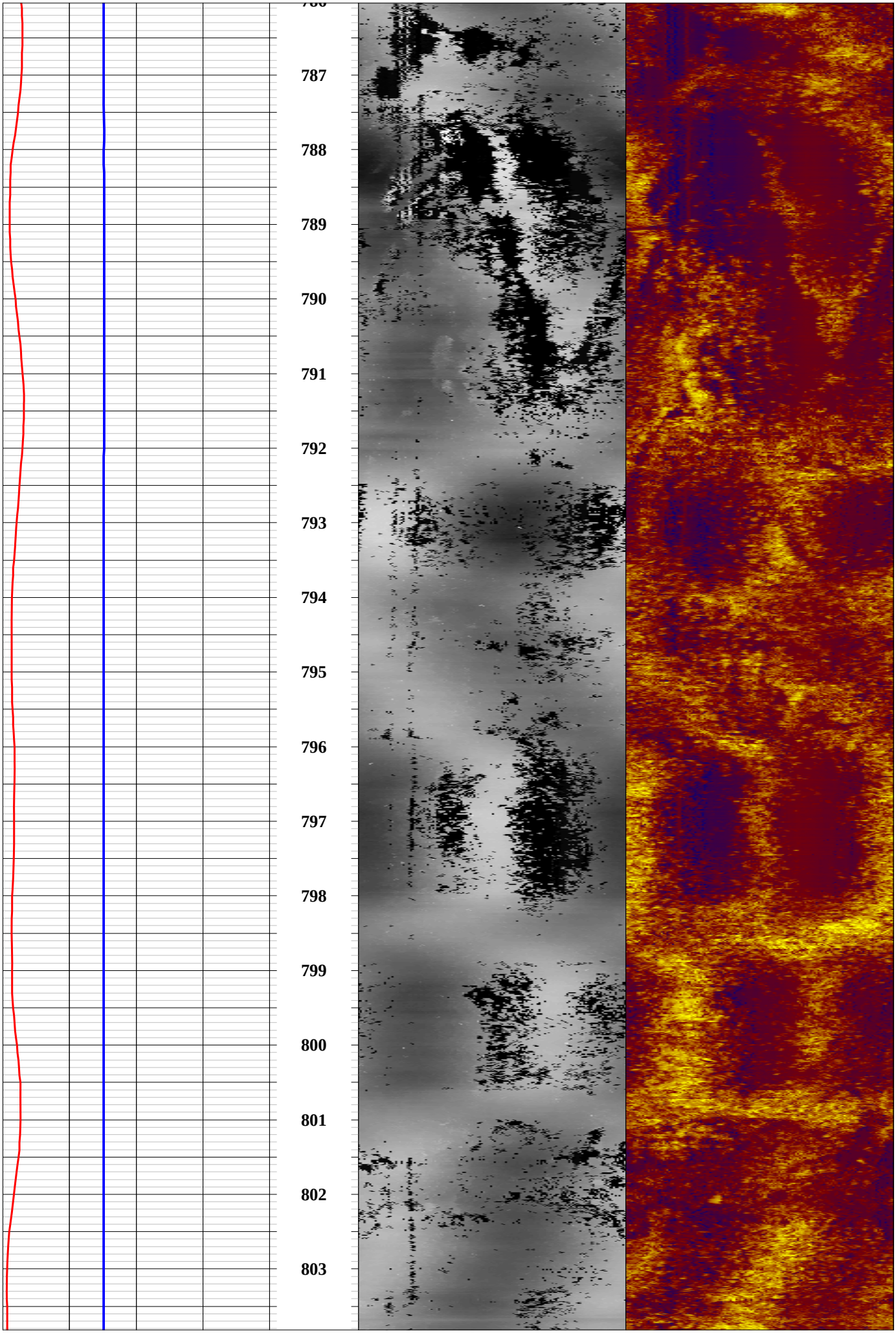

698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714

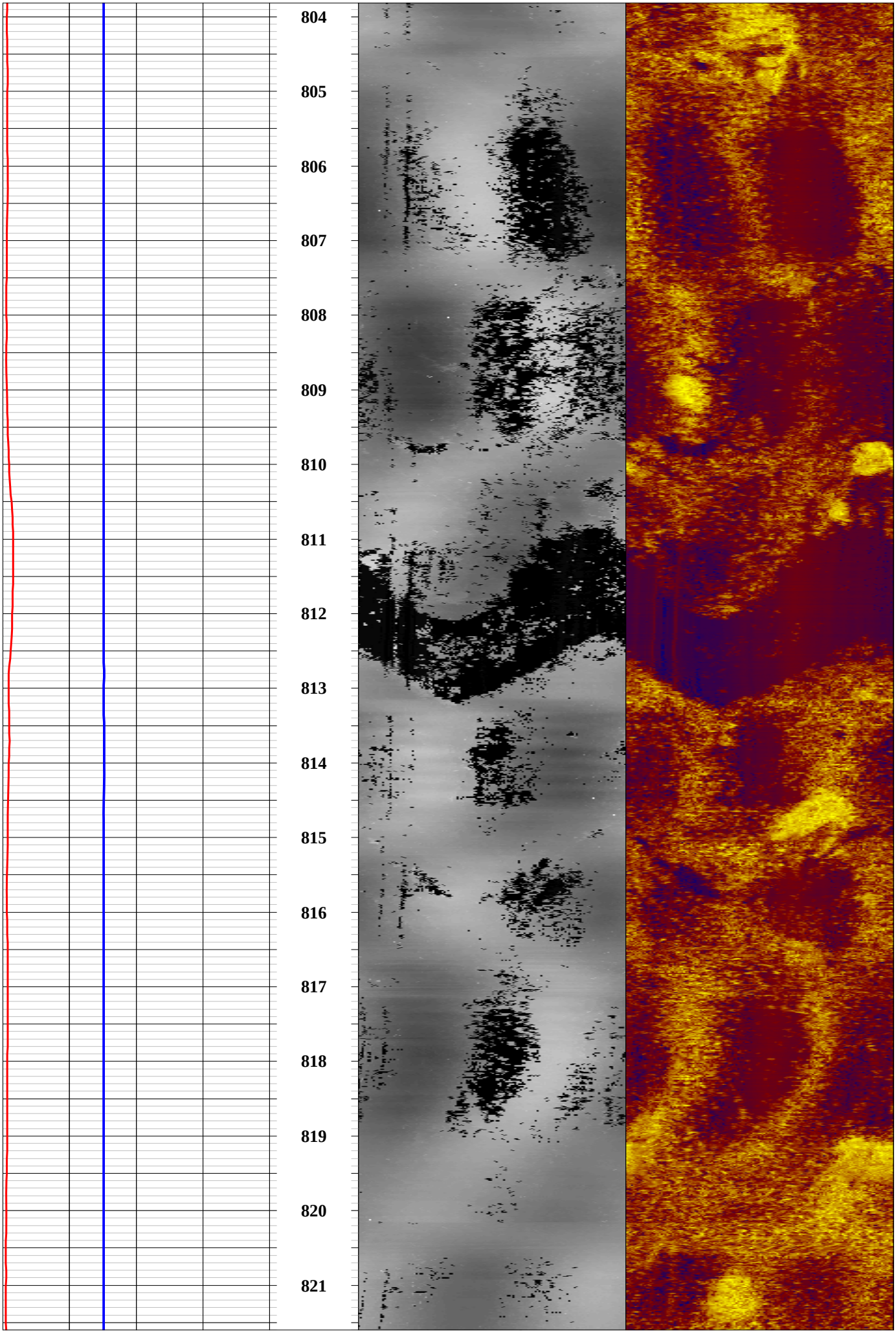

715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732

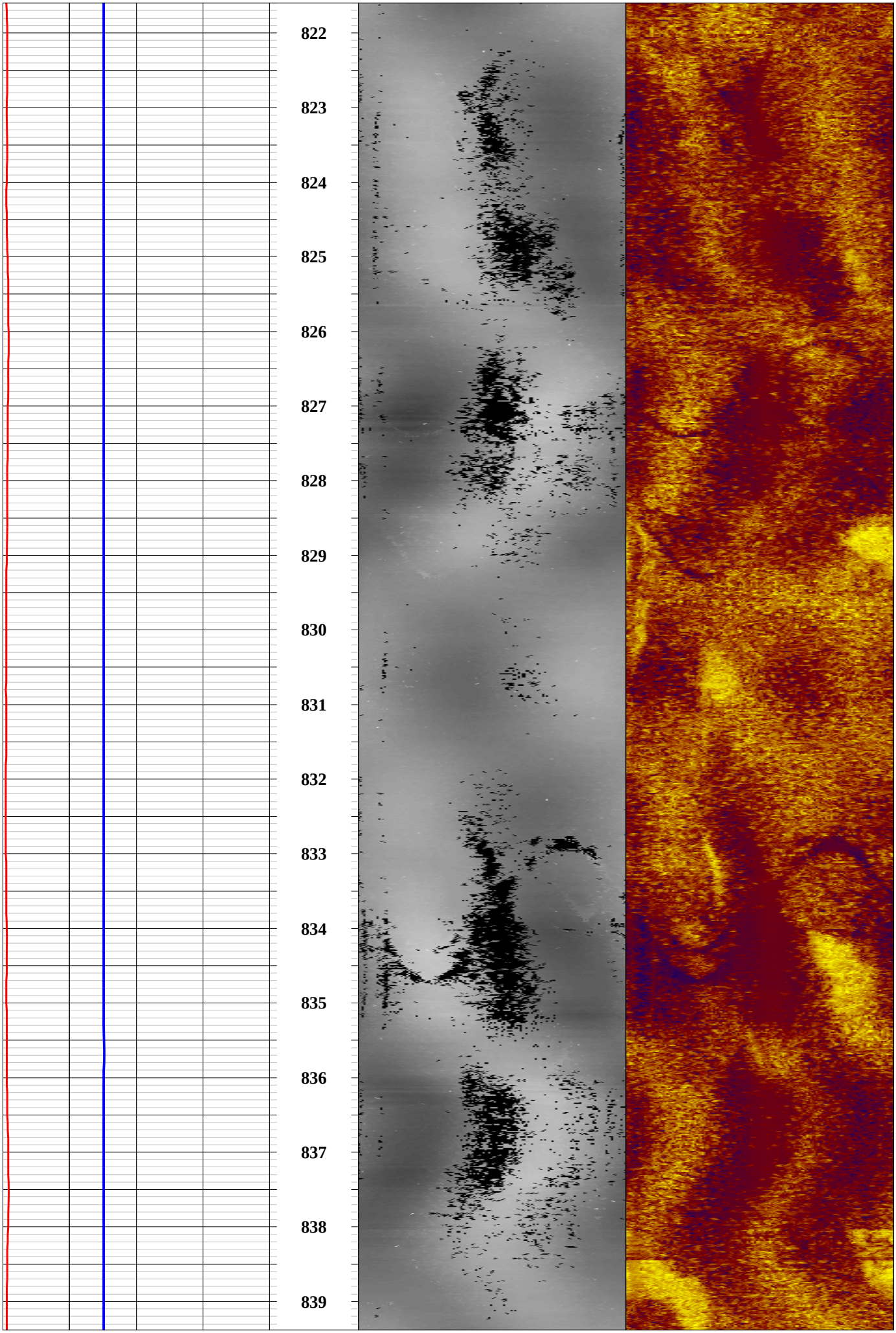

733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750

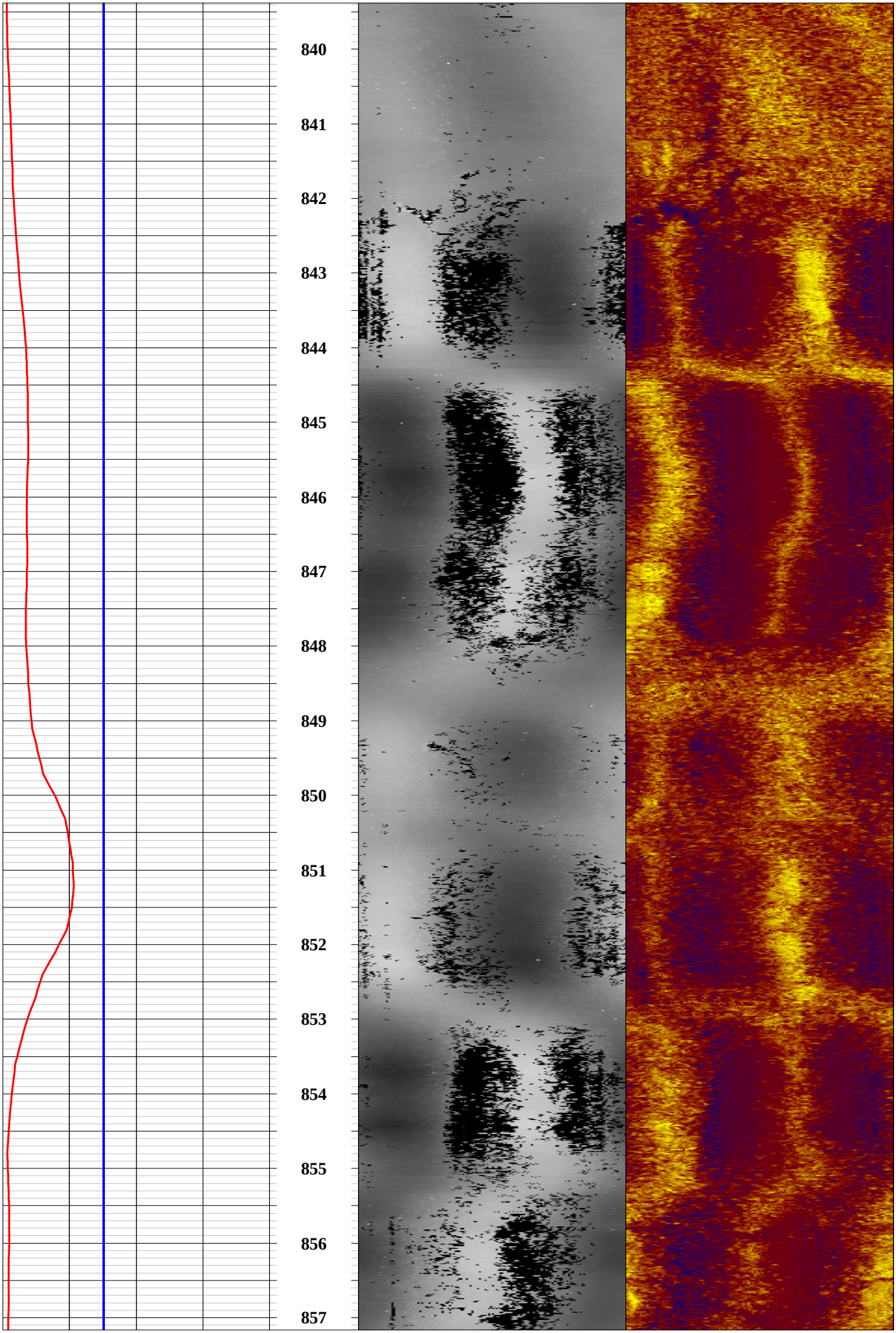

751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768

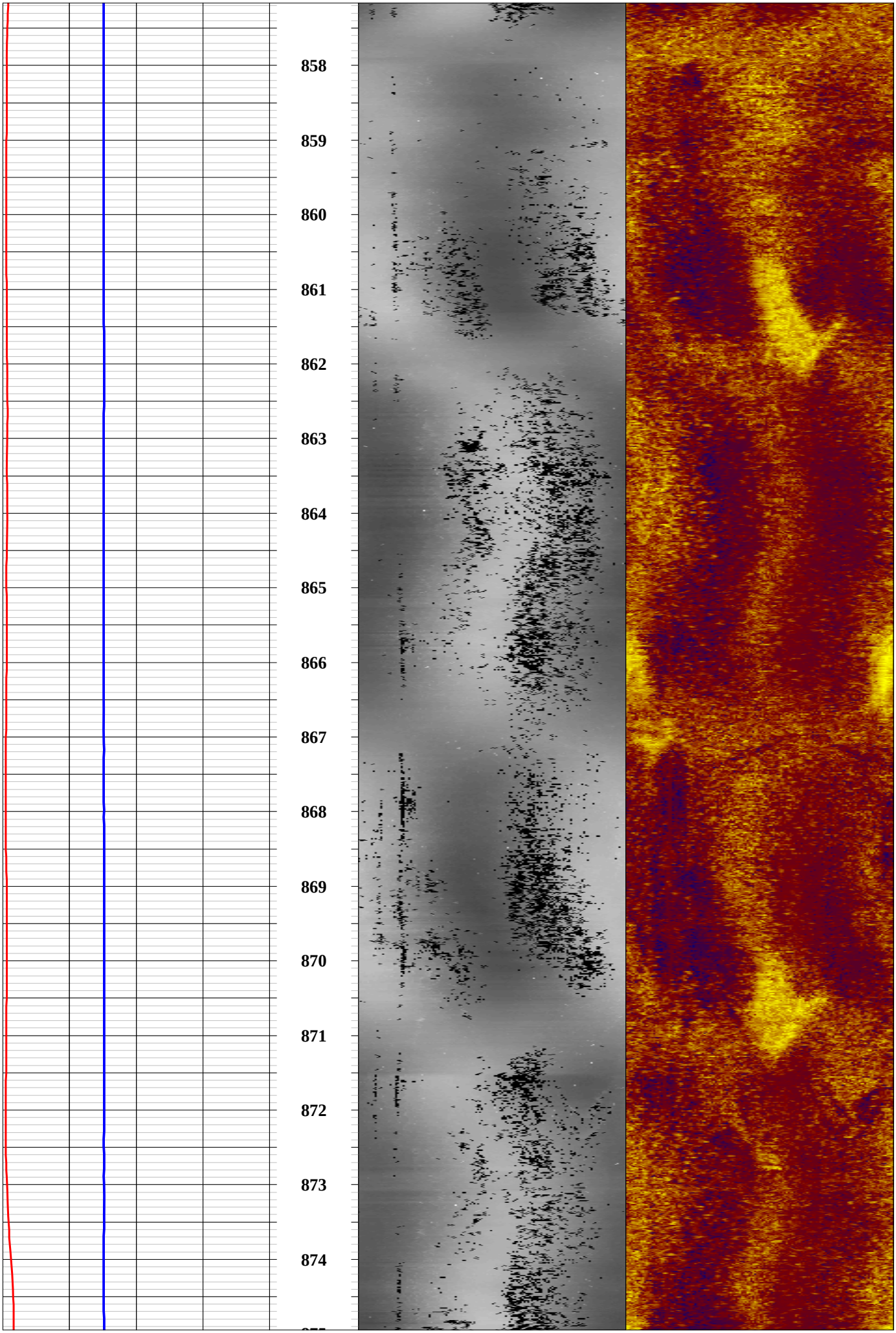

769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786

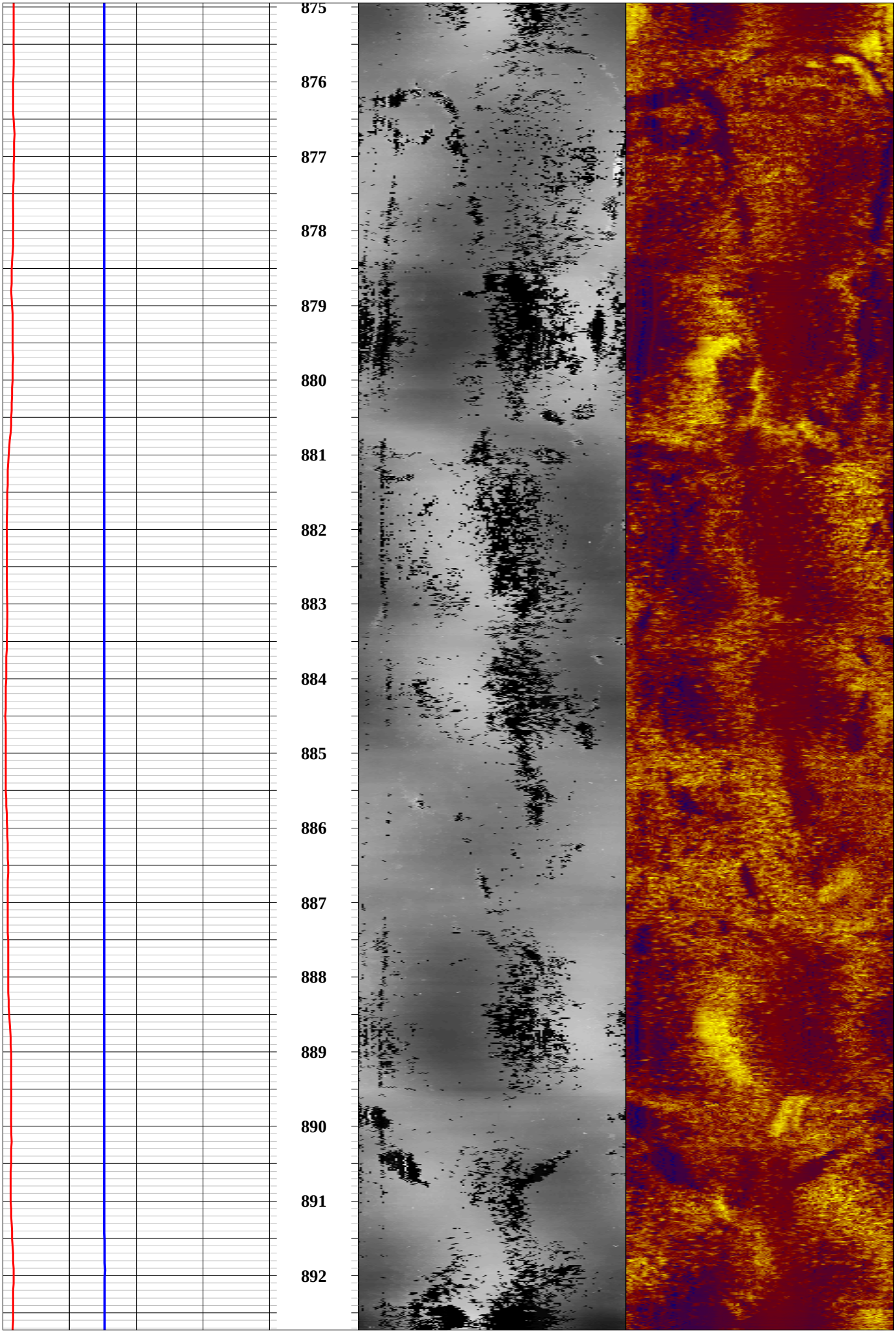

787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803

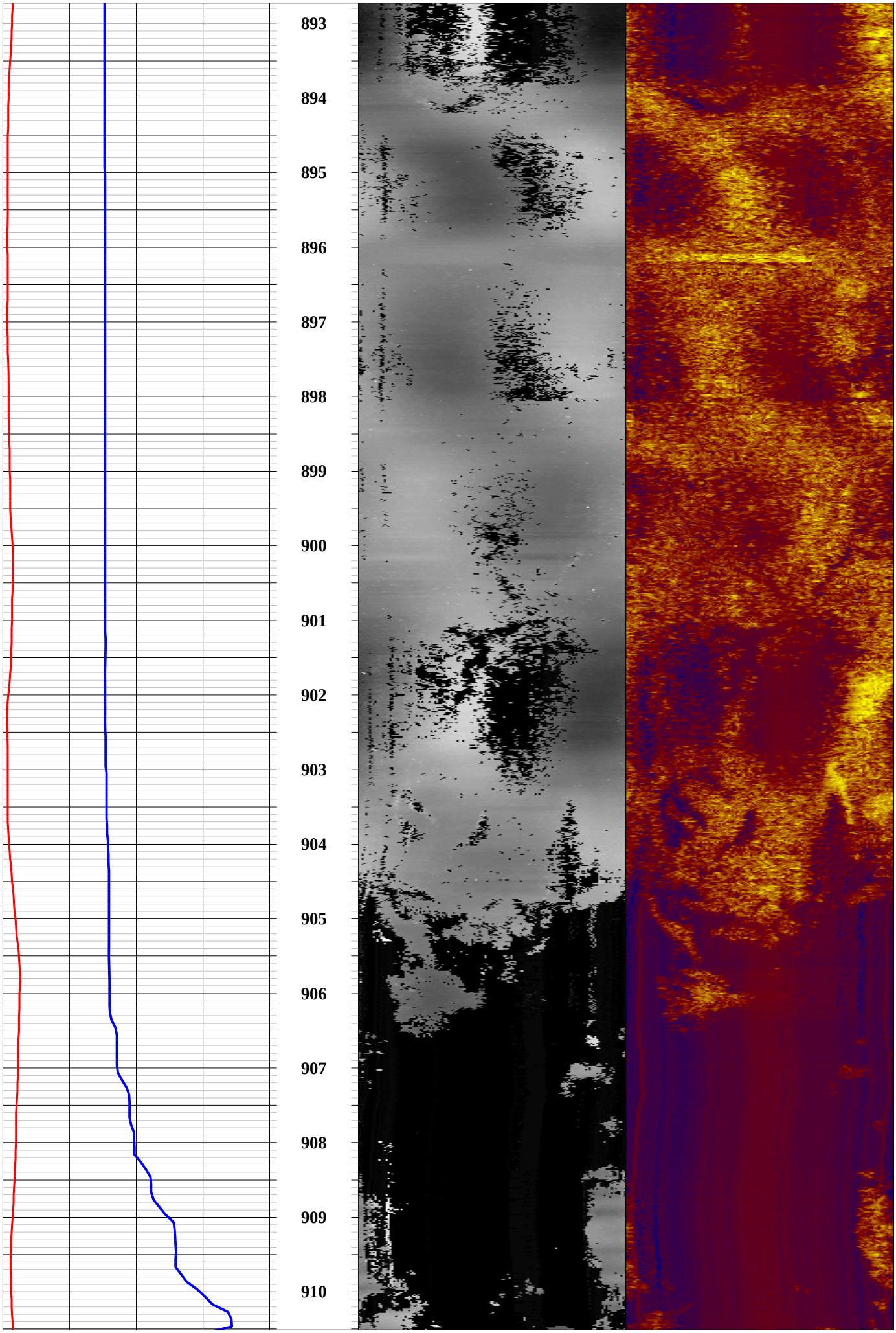

804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821

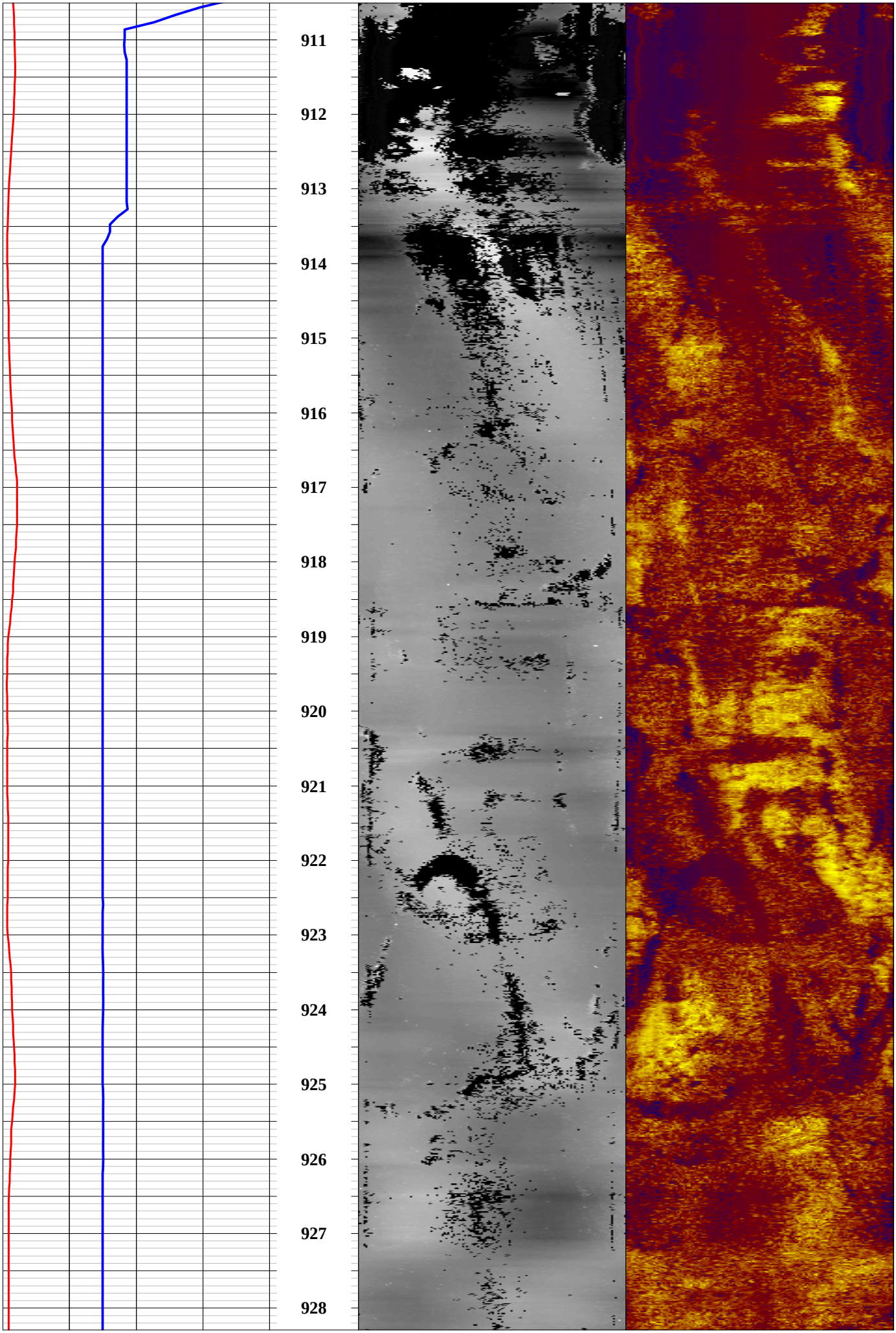

822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839

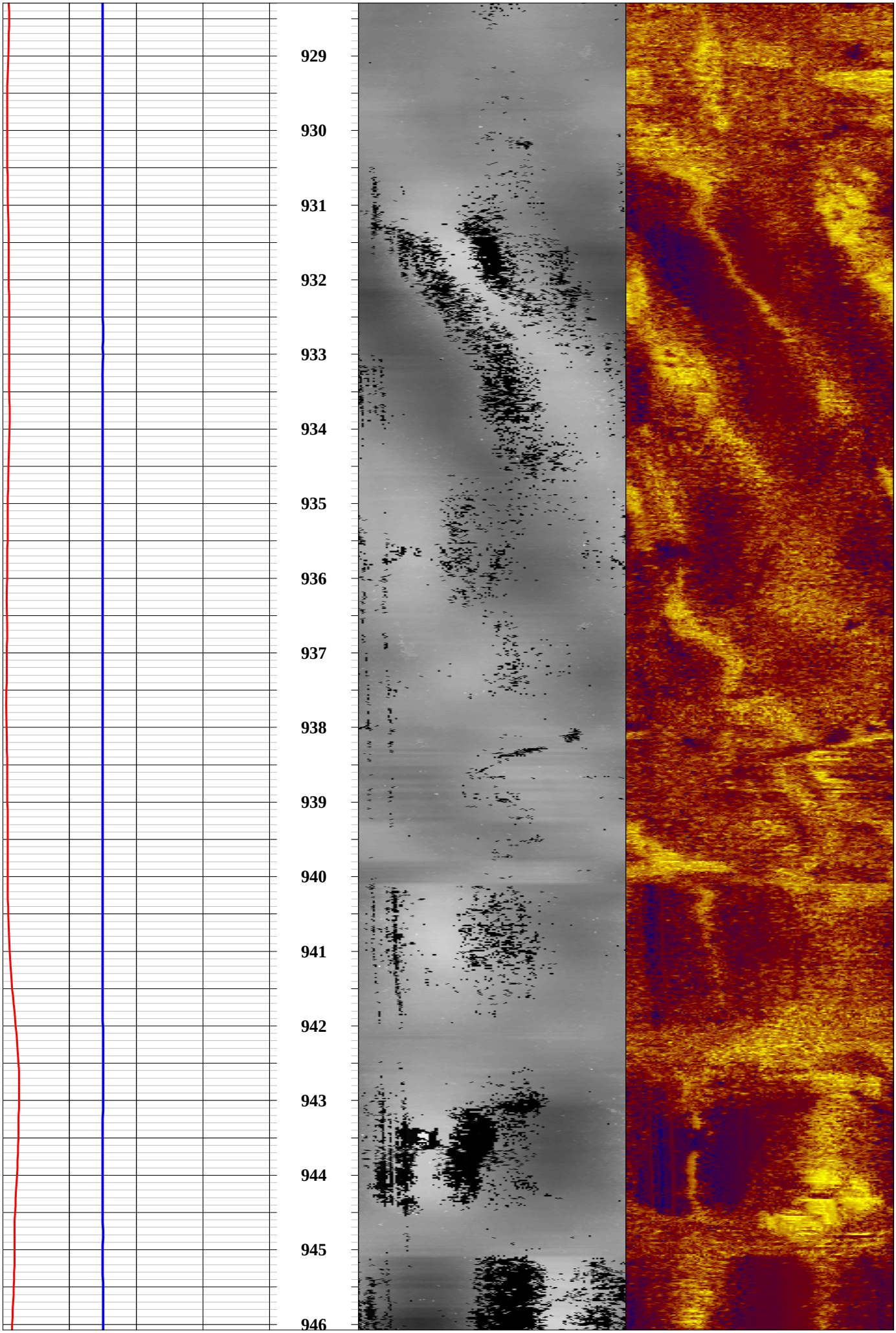

840
841
842
843
844
845
846
847
848
849
850
851
852
853
854
855
856
857

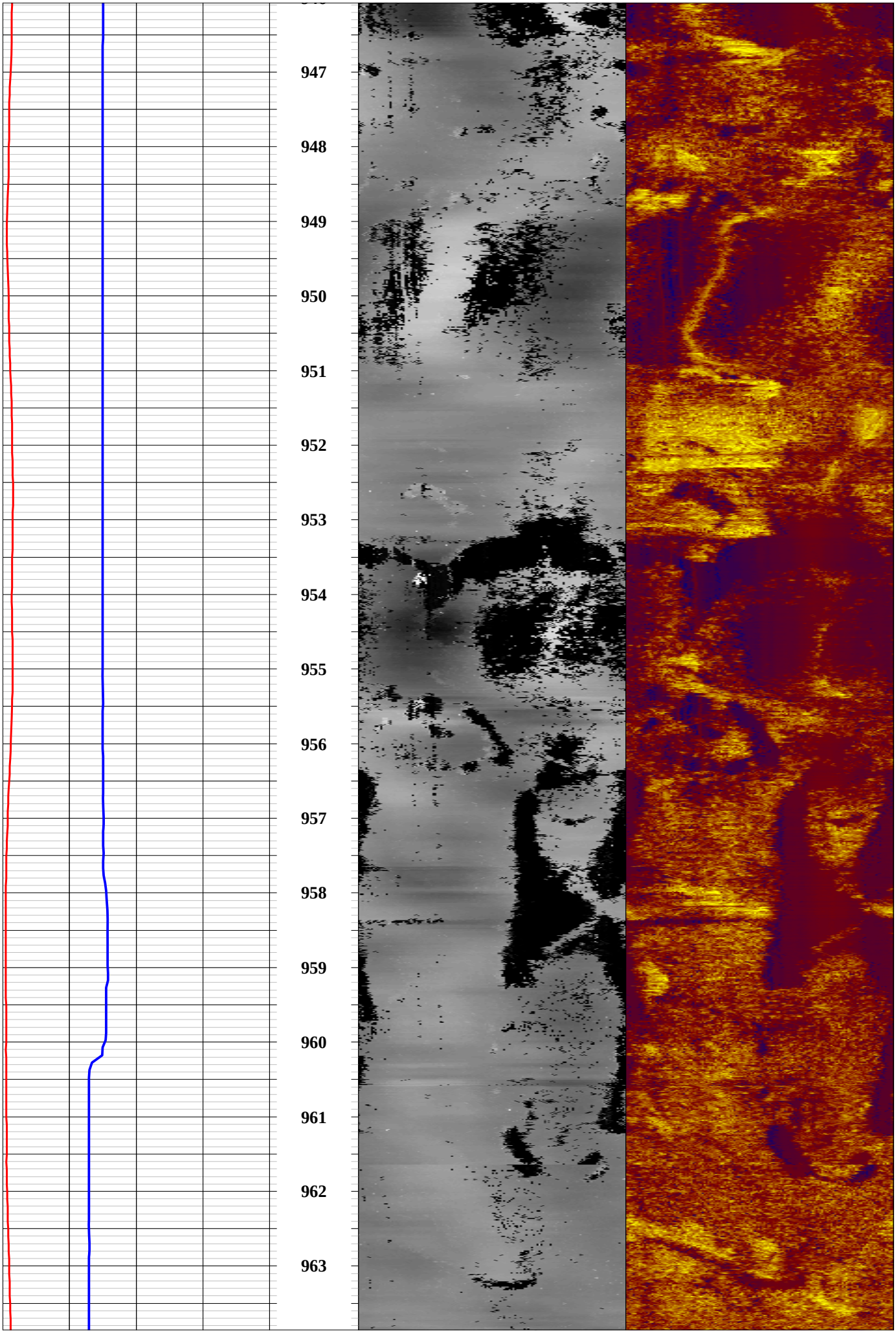

858
859
860
861
862
863
864
865
866
867
868
869
870
871
872
873
874

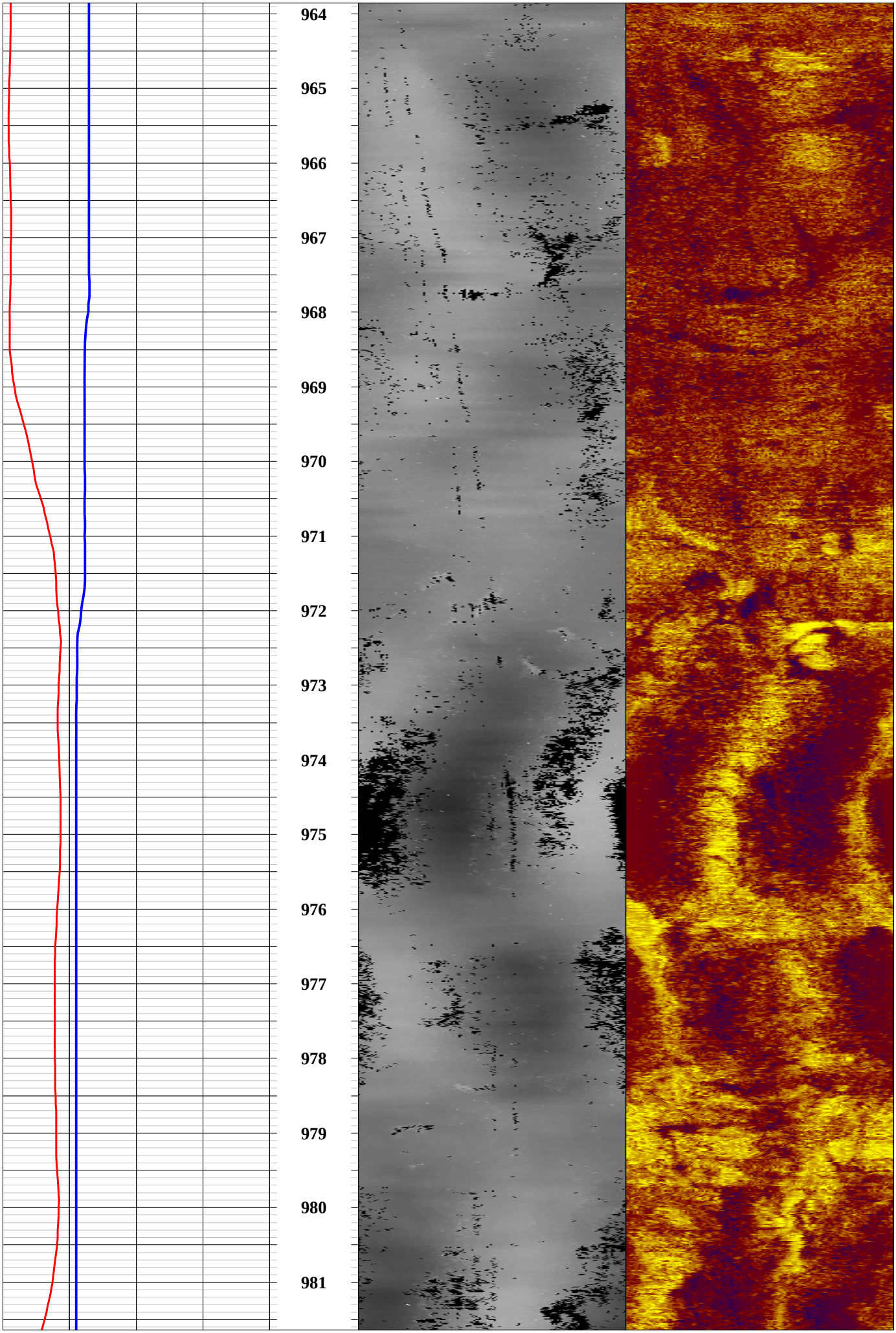

875
876
877
878
879
880
881
882
883
884
885
886
887
888
889
890
891
892

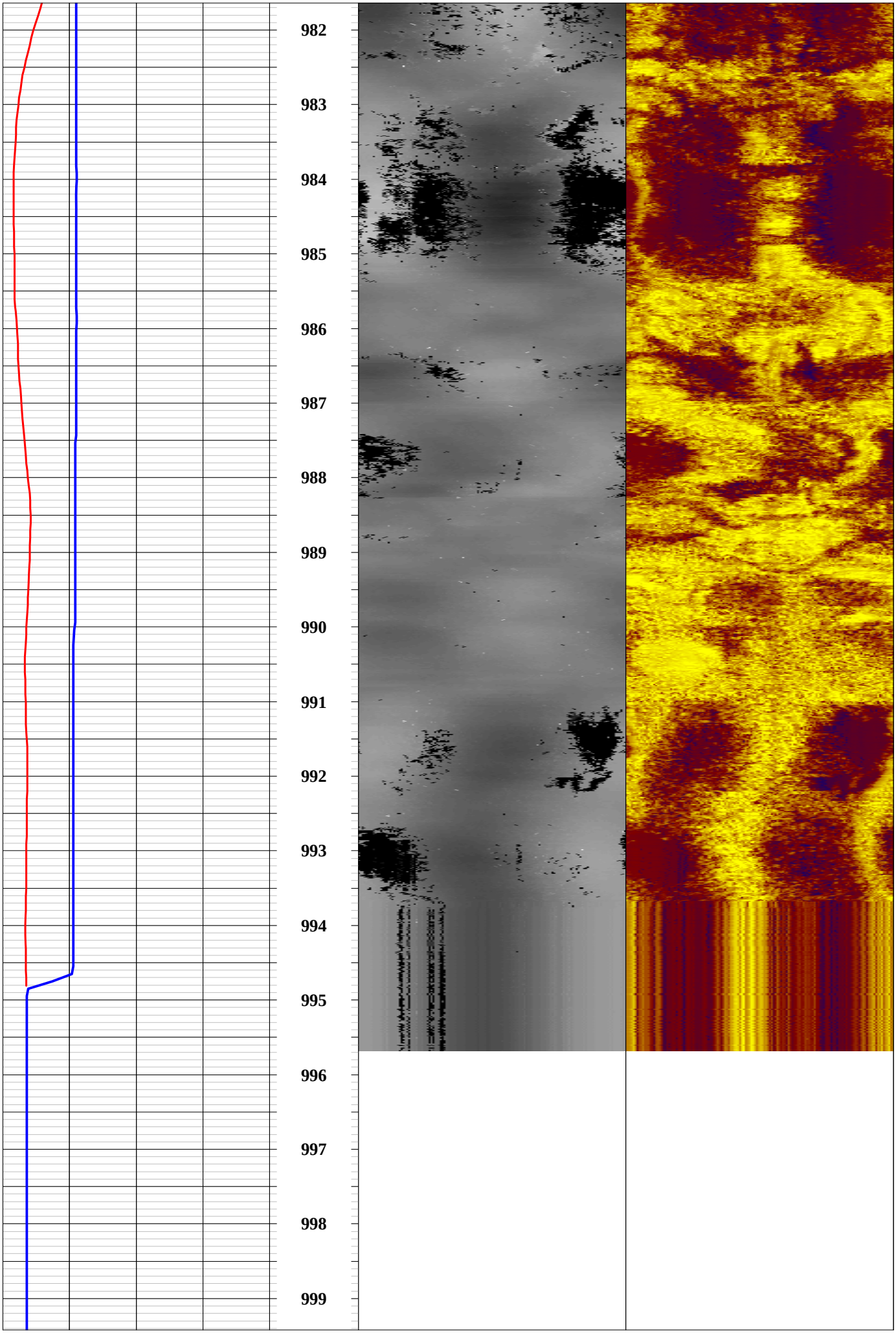

893
894
895
896
897
898
899
900
901
902
903
904
905
906
907
908
909
910

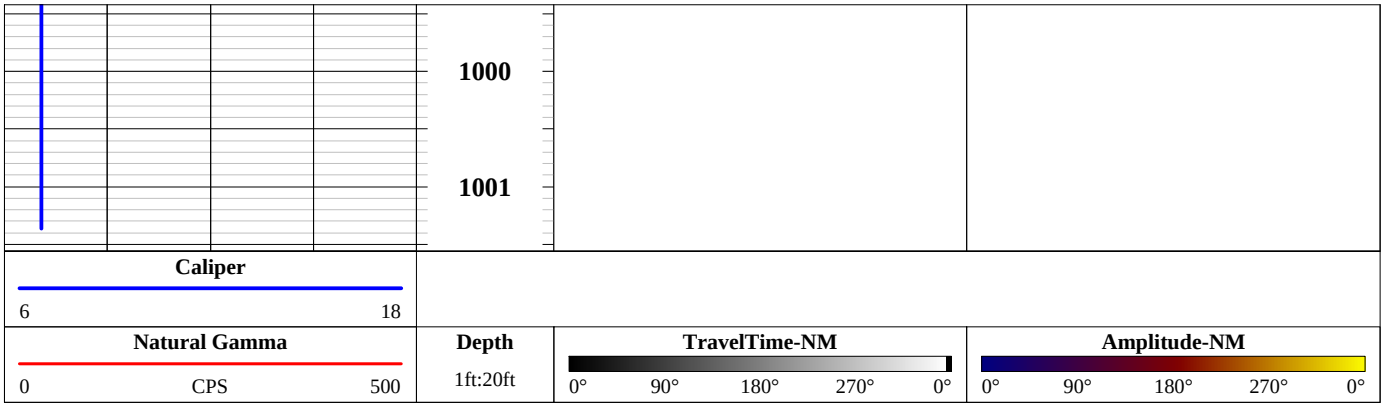

911
912
913
914
915
916
917
918
919
920
921
922
923
924
925
926
927
928


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
Caliper
6
18
Natural Gamma
0
CPS
500
Depth
1ft:20ft
TravelTime-NM
0°
90°
180°
270°
0°
Amplitude-NM
0°
90°
180°
270°
0°