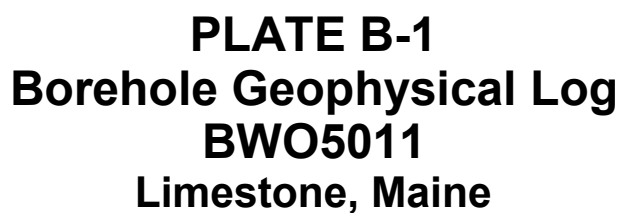


APPENDIX D

BOREHOLE GEOPHYSICAL LOGS



Tadpole tail indicates dip direction.
The solid tadpoles with a feature number are the ones interpreted to be likely or possibly transmissive.

BW05011
Former Loring AFB
Limestone, ME

PLATE B-2

Strike and Dip Direction
of all features

Based on 88 measurements in
BW05011 borehole

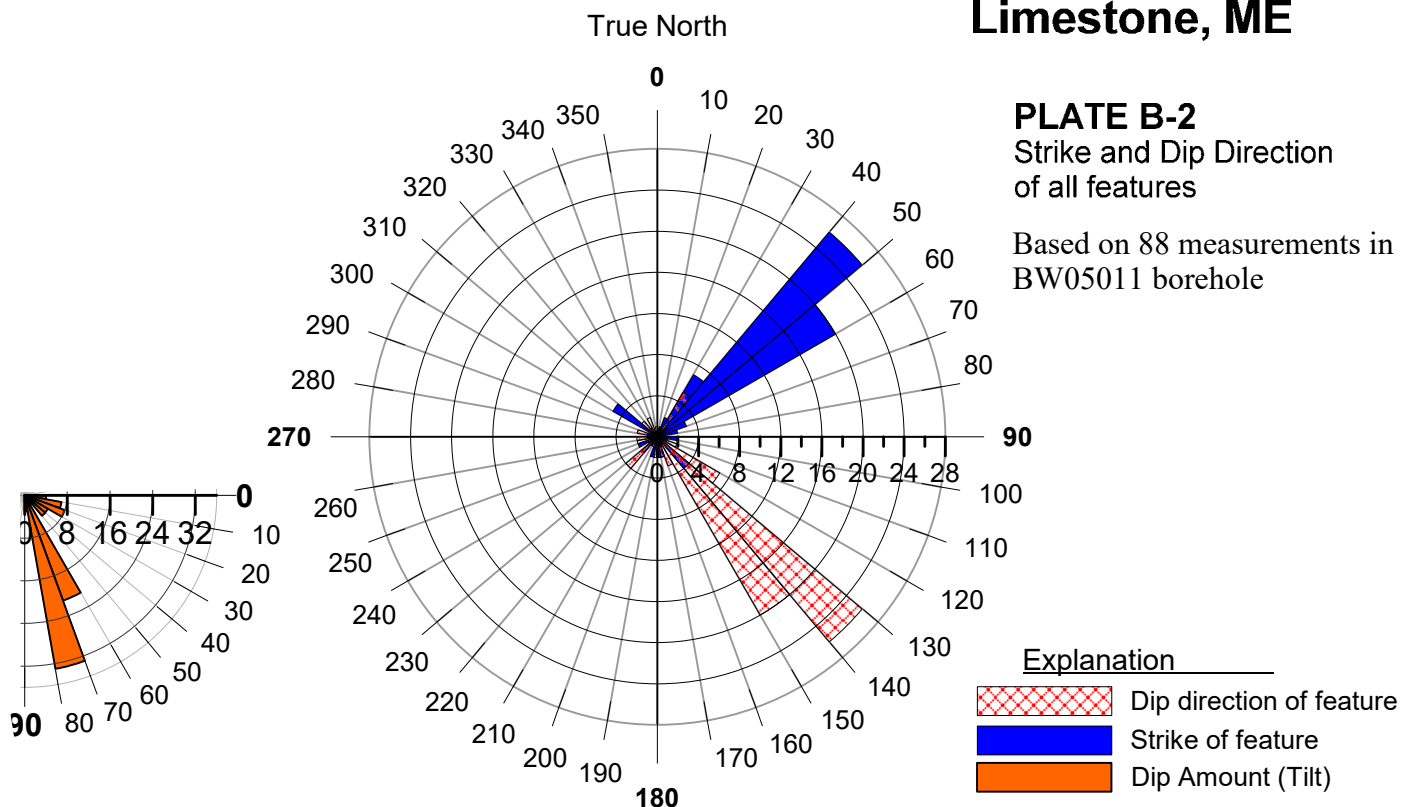
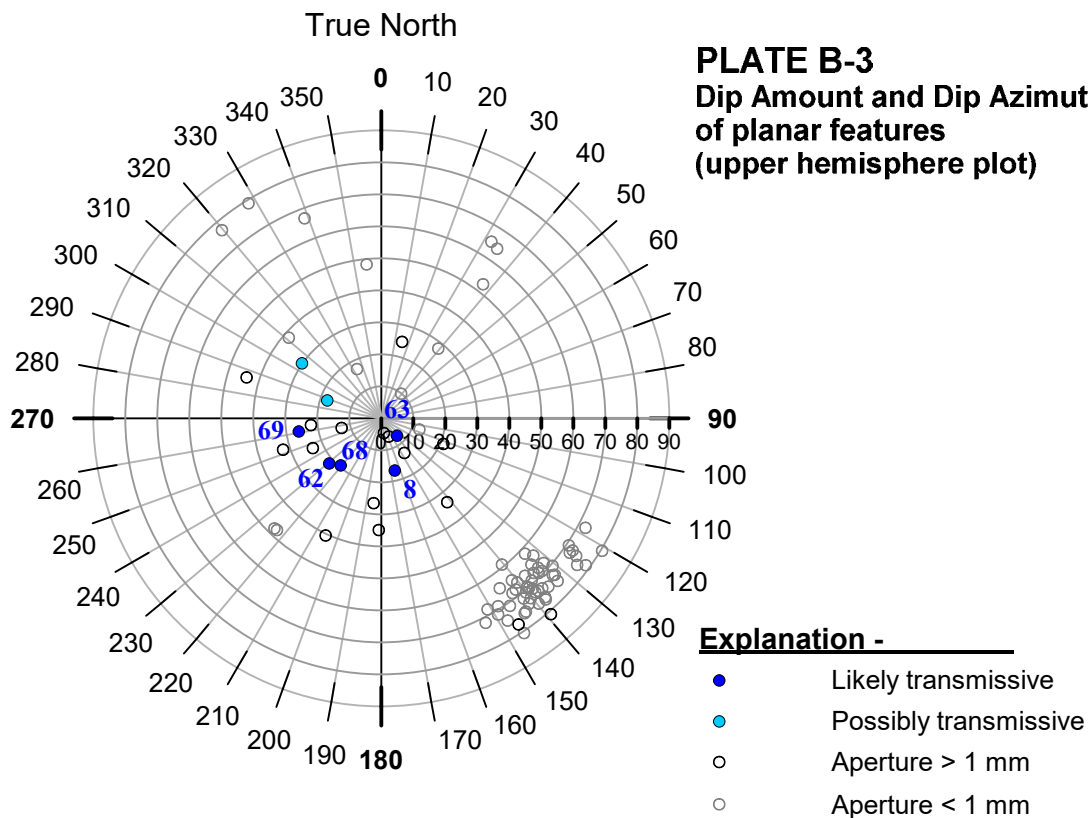


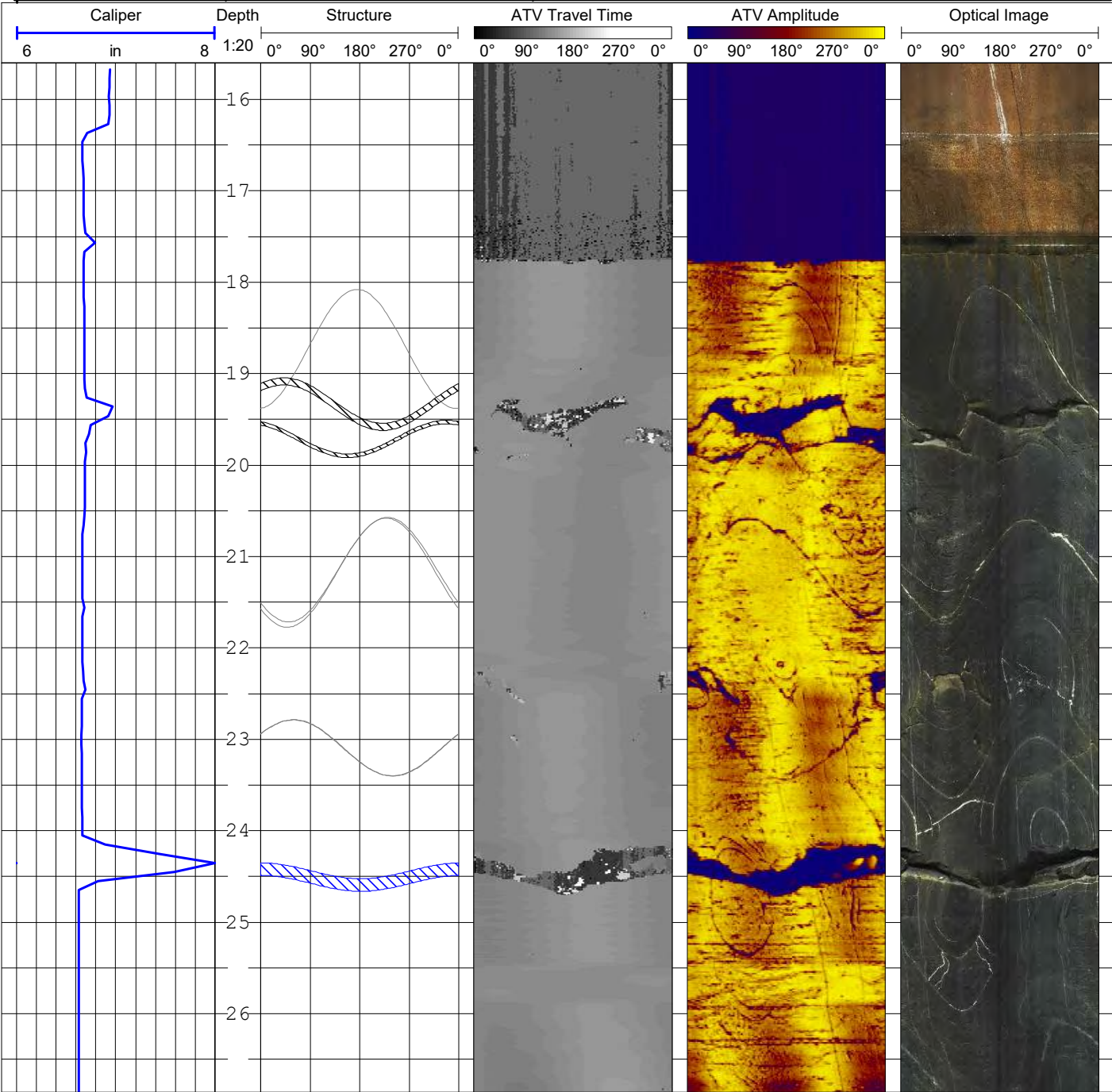
PLATE B-3

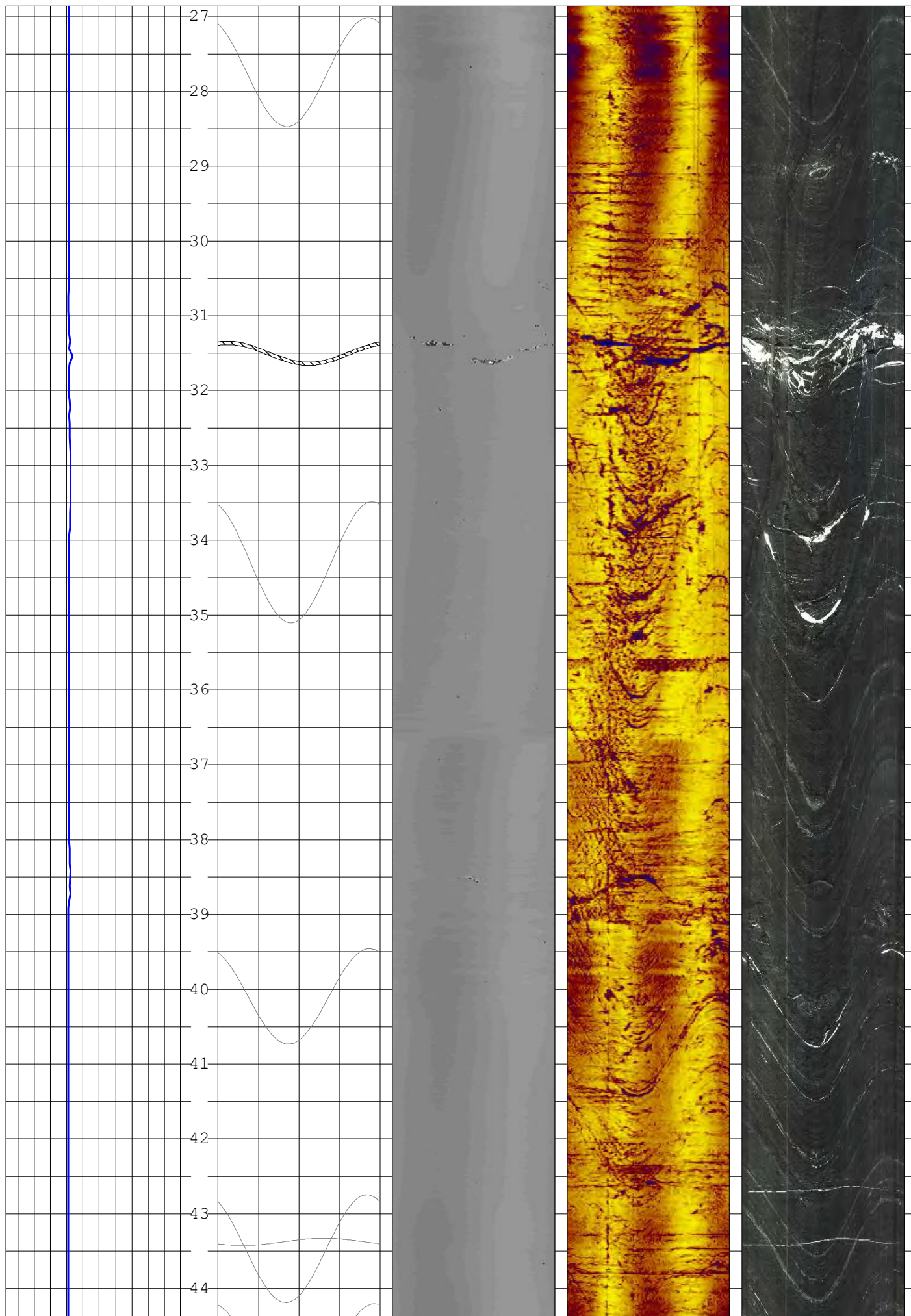
Dip Amount and Dip Azimuth
of planar features
(upper hemisphere plot)

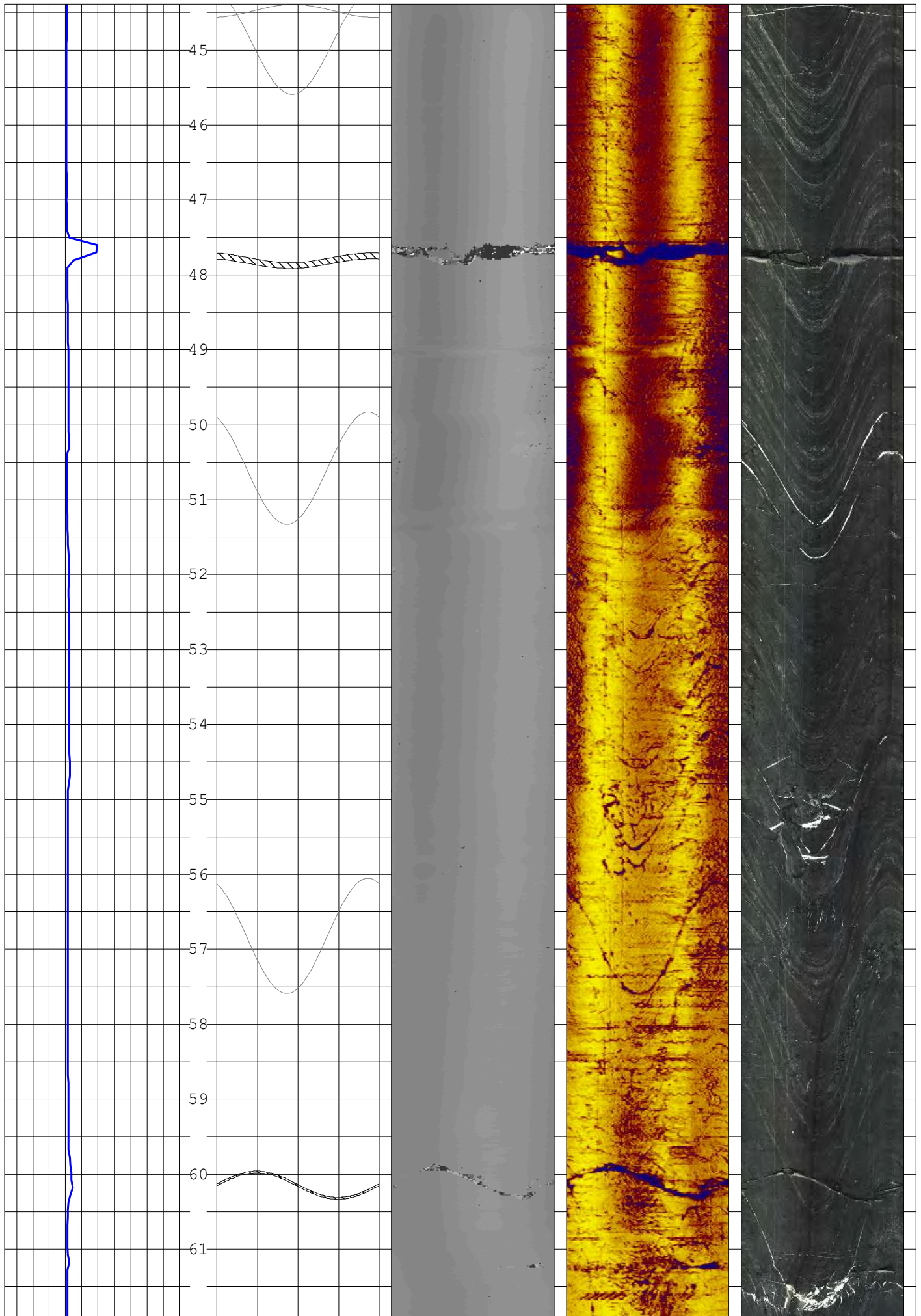


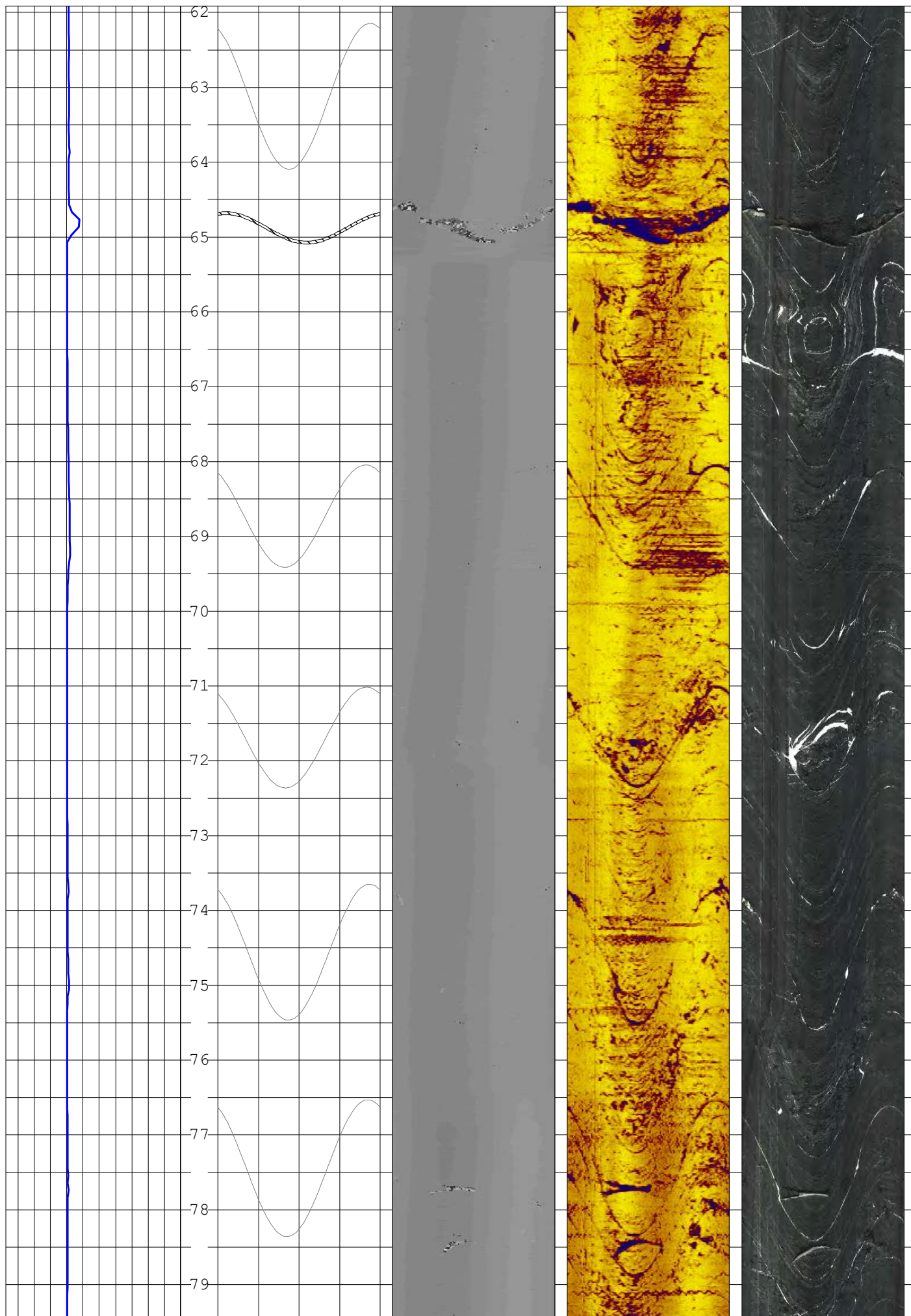
Declination: 16.4 degrees west

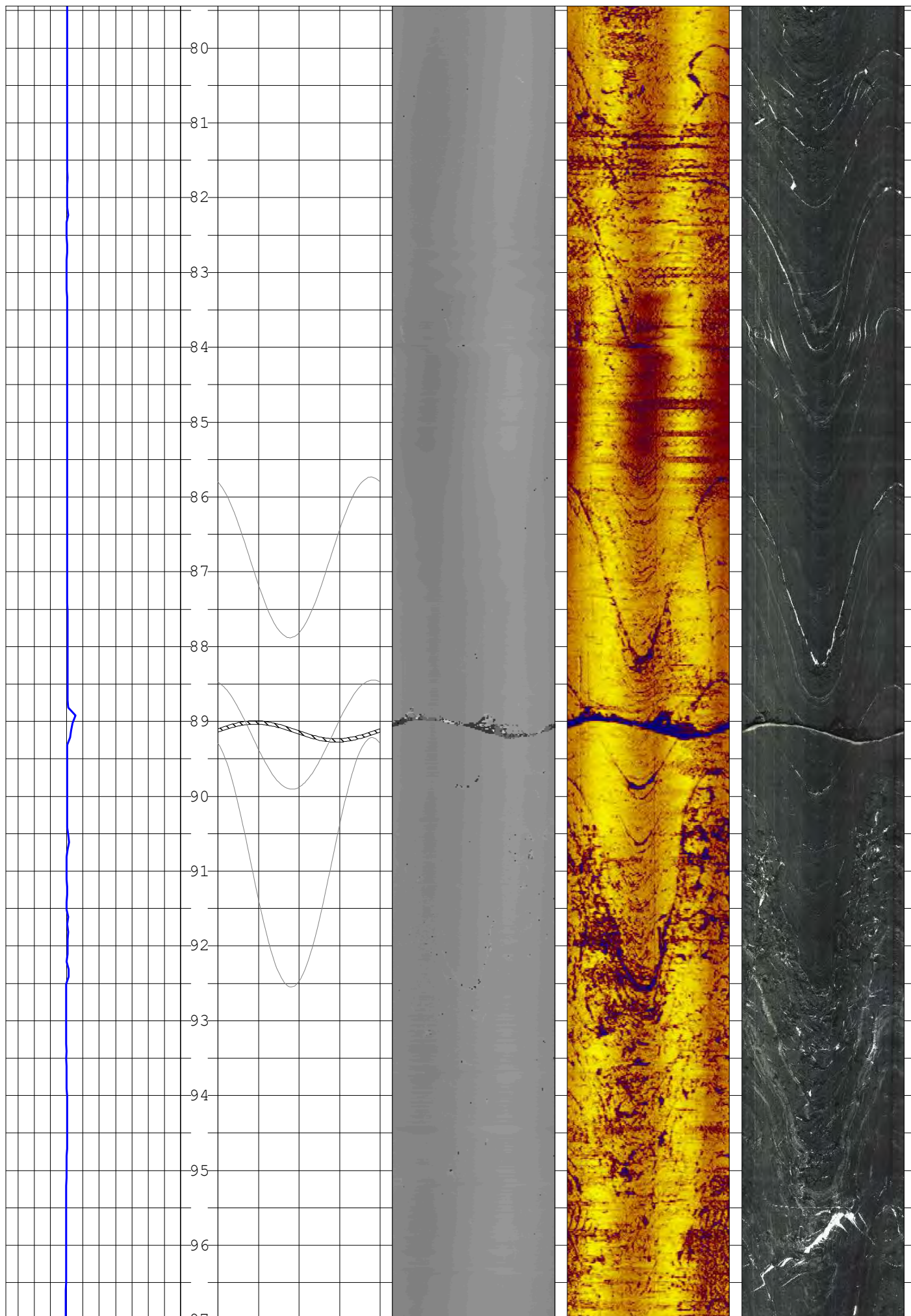
Northeast Geophysical Services 4 Union Street Bangor, Maine 04401 Tel. 207-942-2700 email: ngsinc@negeophysical.com		Log: Plate B-4 Caliper & Televiwer Logs
		Well: BWO5011
		Site: Former Loring AFB
Date:	08/11/2022	Location: Limestone, Maine
Casing Depth	17.6 ft.	For: Wood
Casing Type:	7 in steel	Logged by: R Rawcliffe
Boring Depth:	299.5 ft	Orientation: magnetic north
Meas. From:	top of casing	Structure Plots: black = planar features (faults, foliation, bedding, joints, etc) light blue = possible transmissive fracture dark blue = likely transmissive fracture
Stickup:	0.40 ft	
Water Level:	17.81 ft	

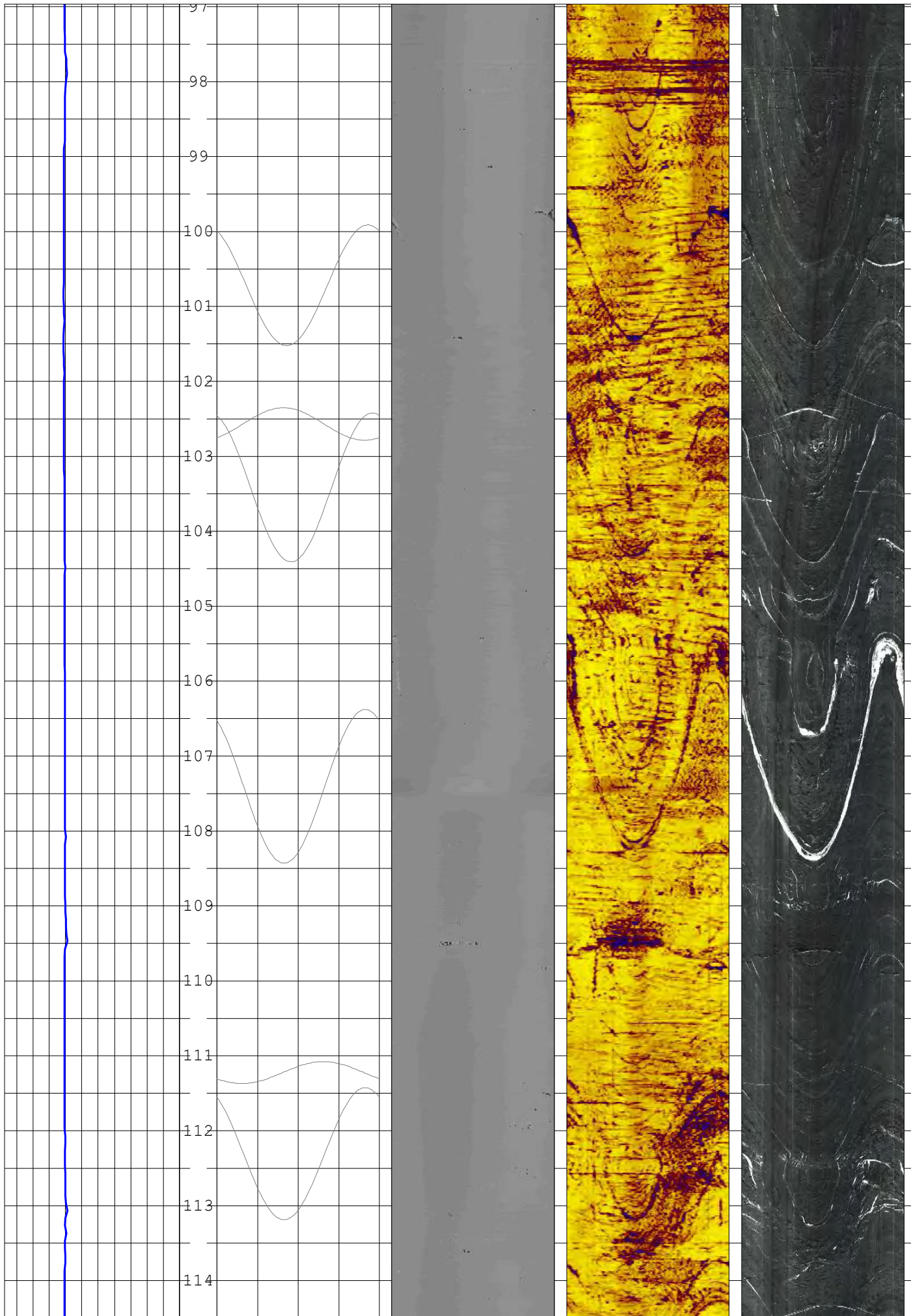


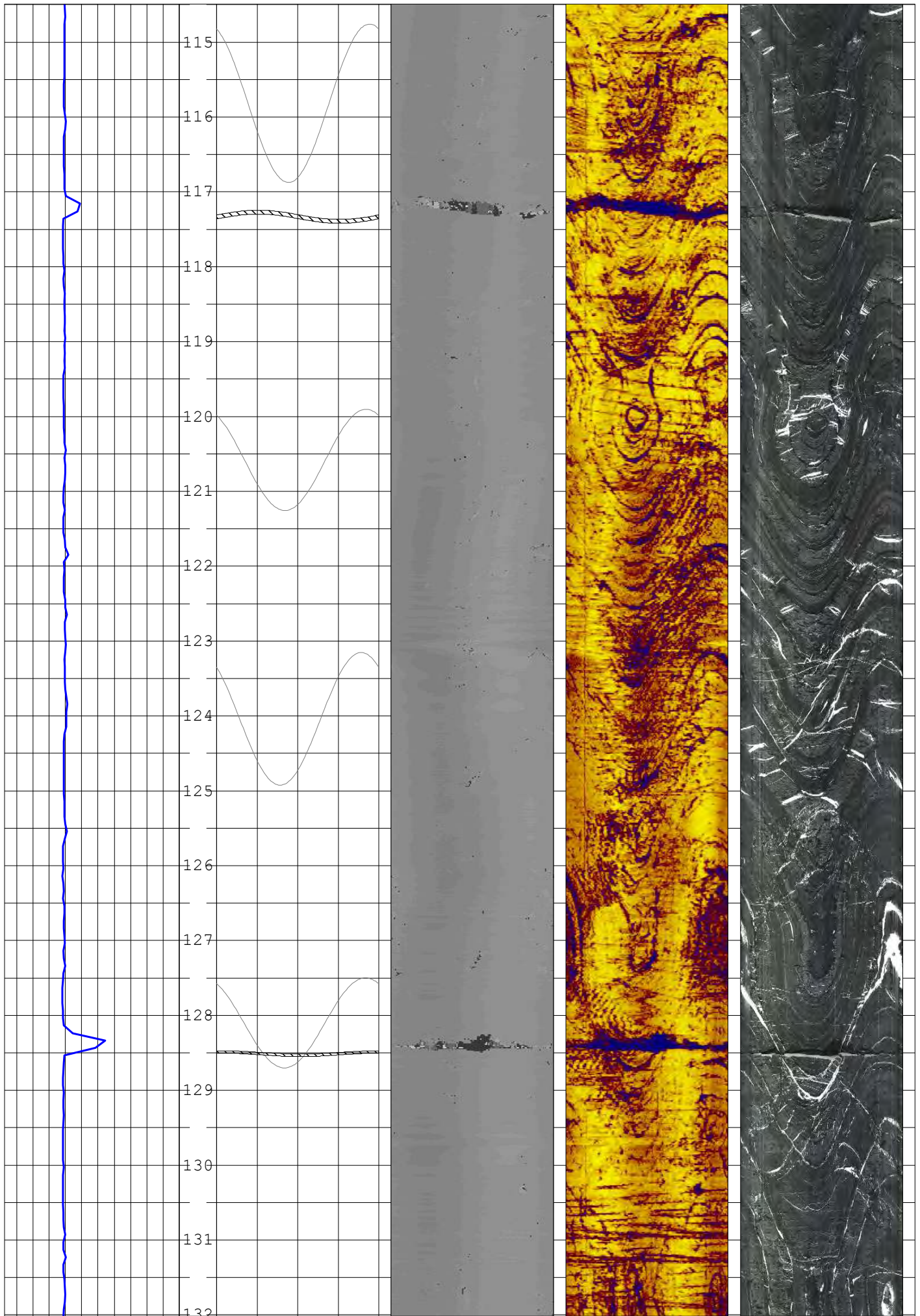


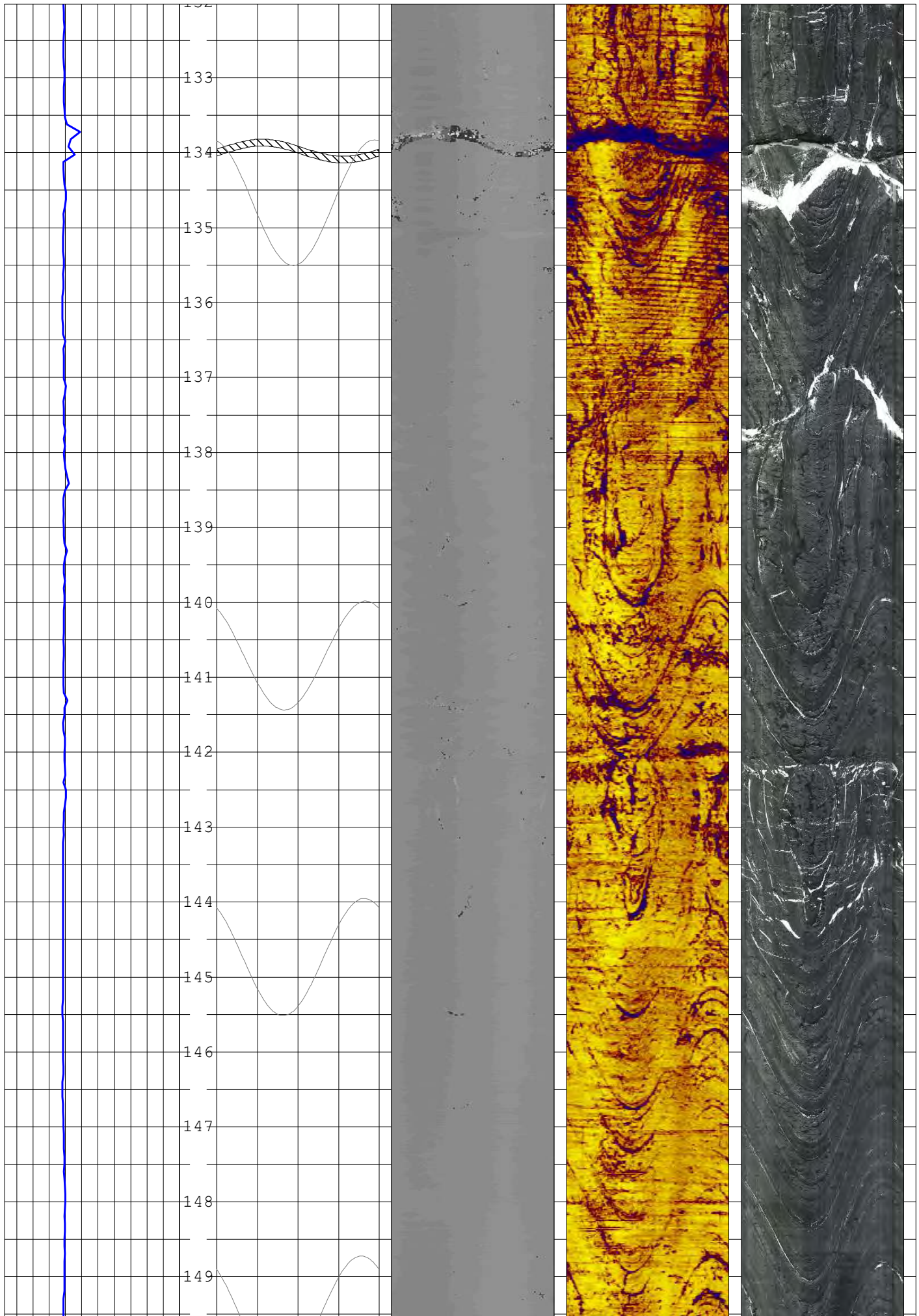


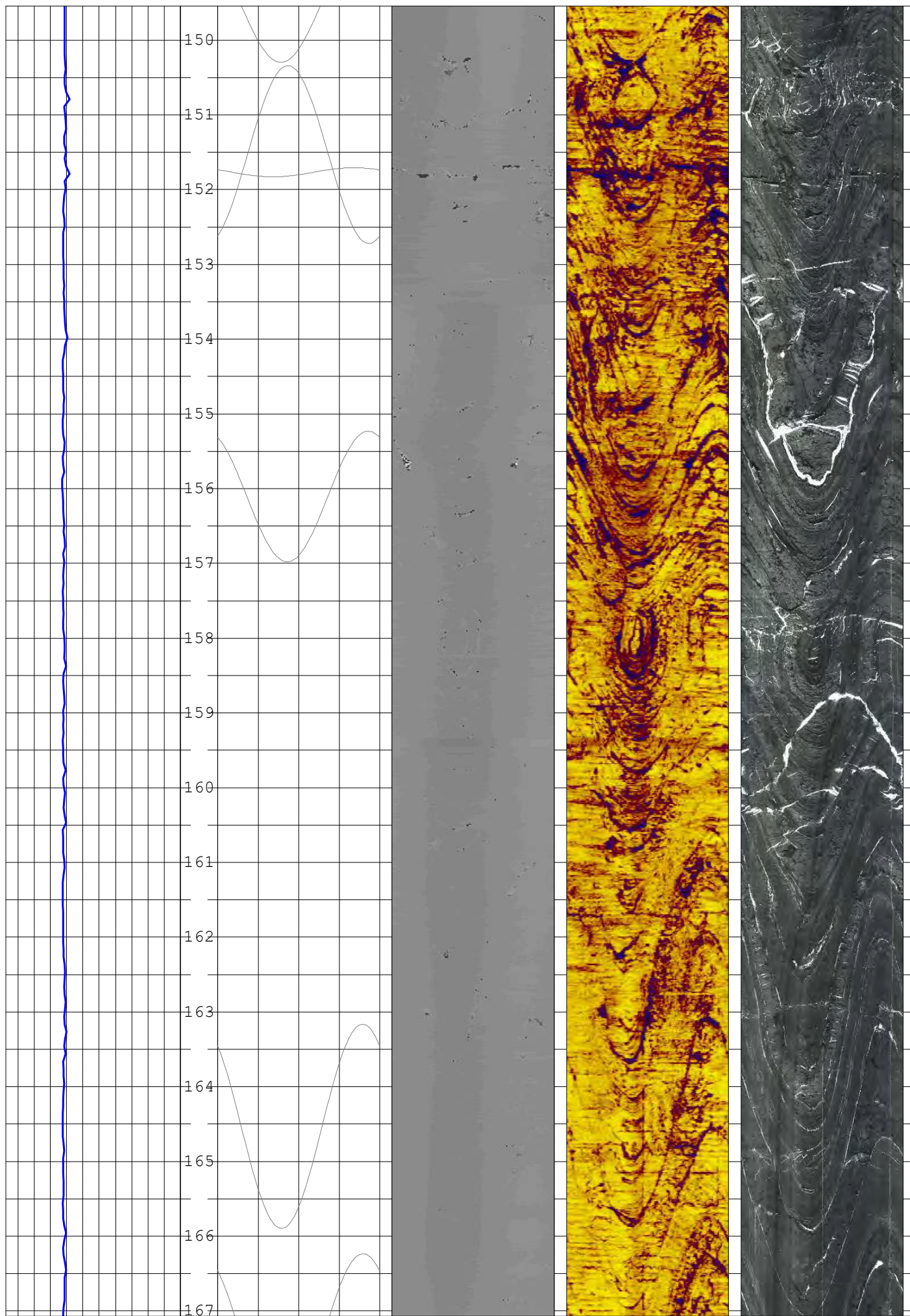


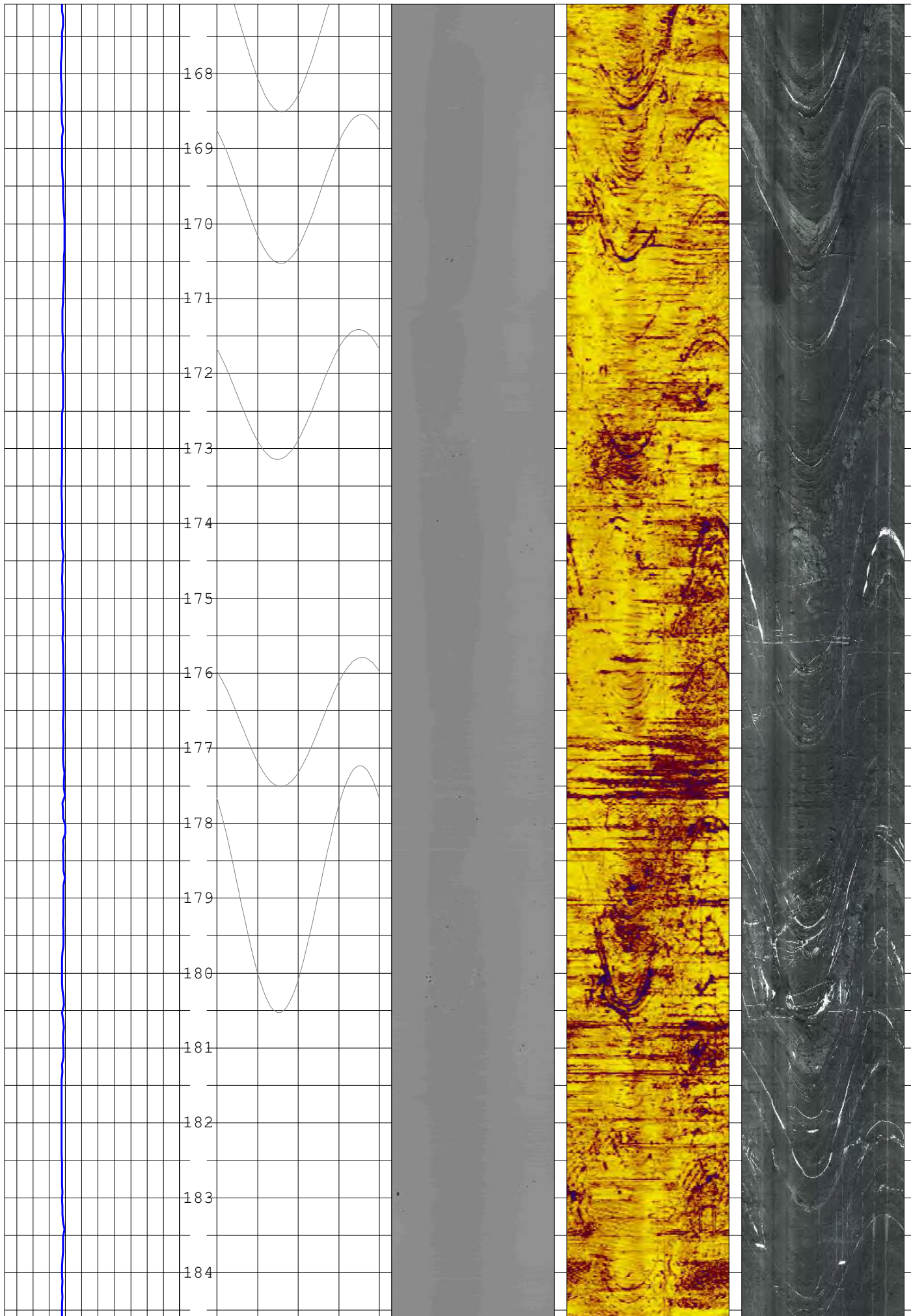


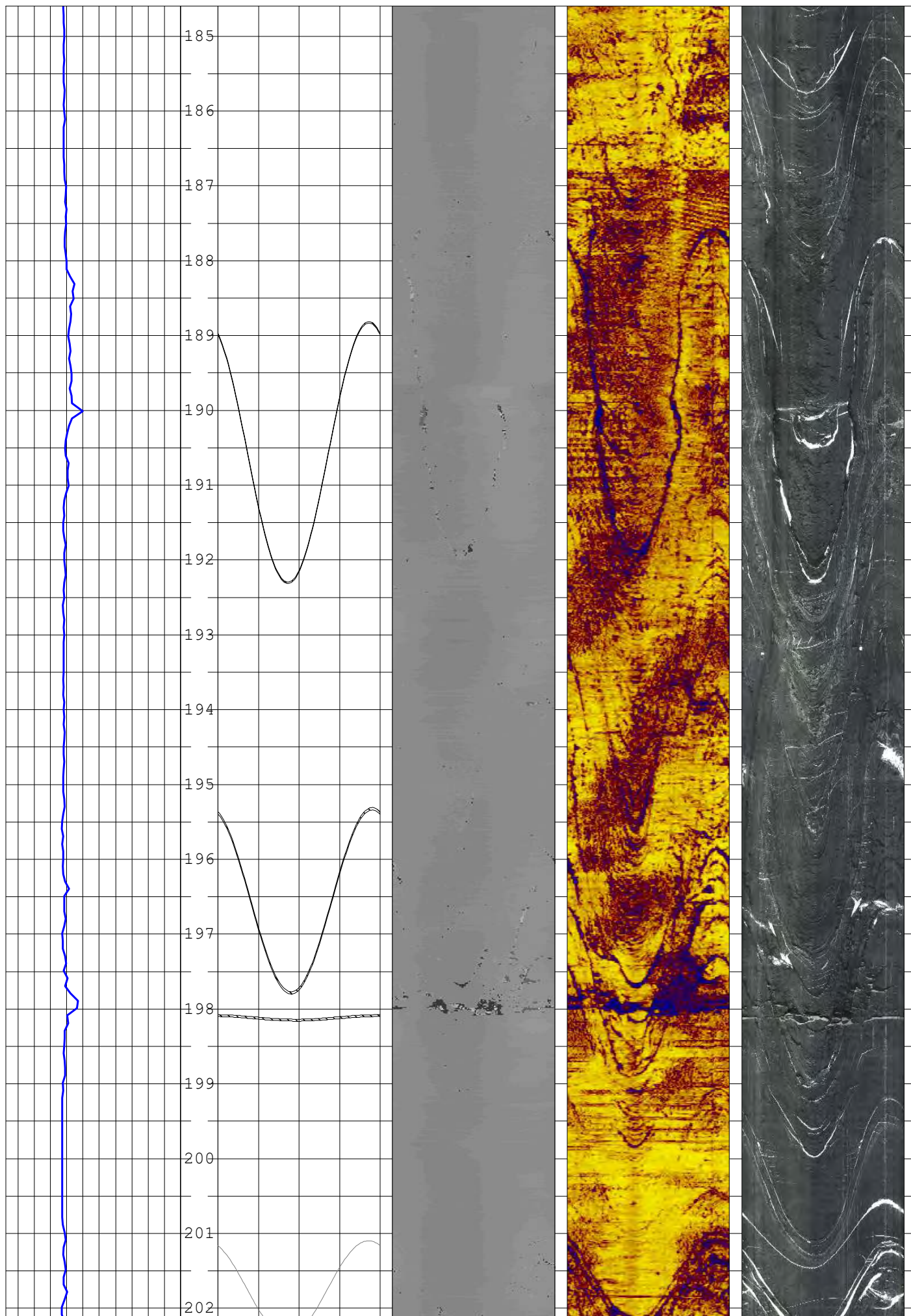


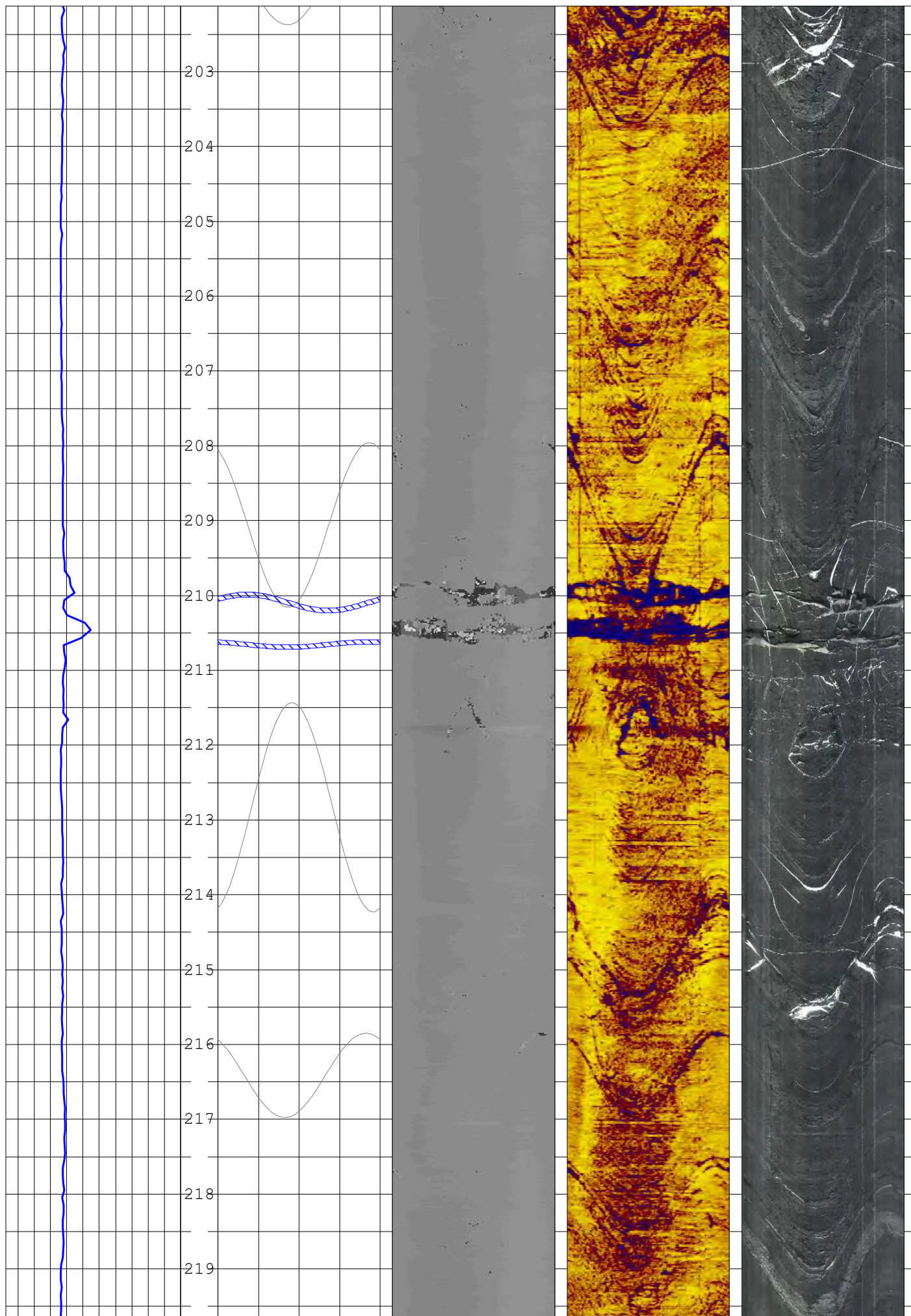


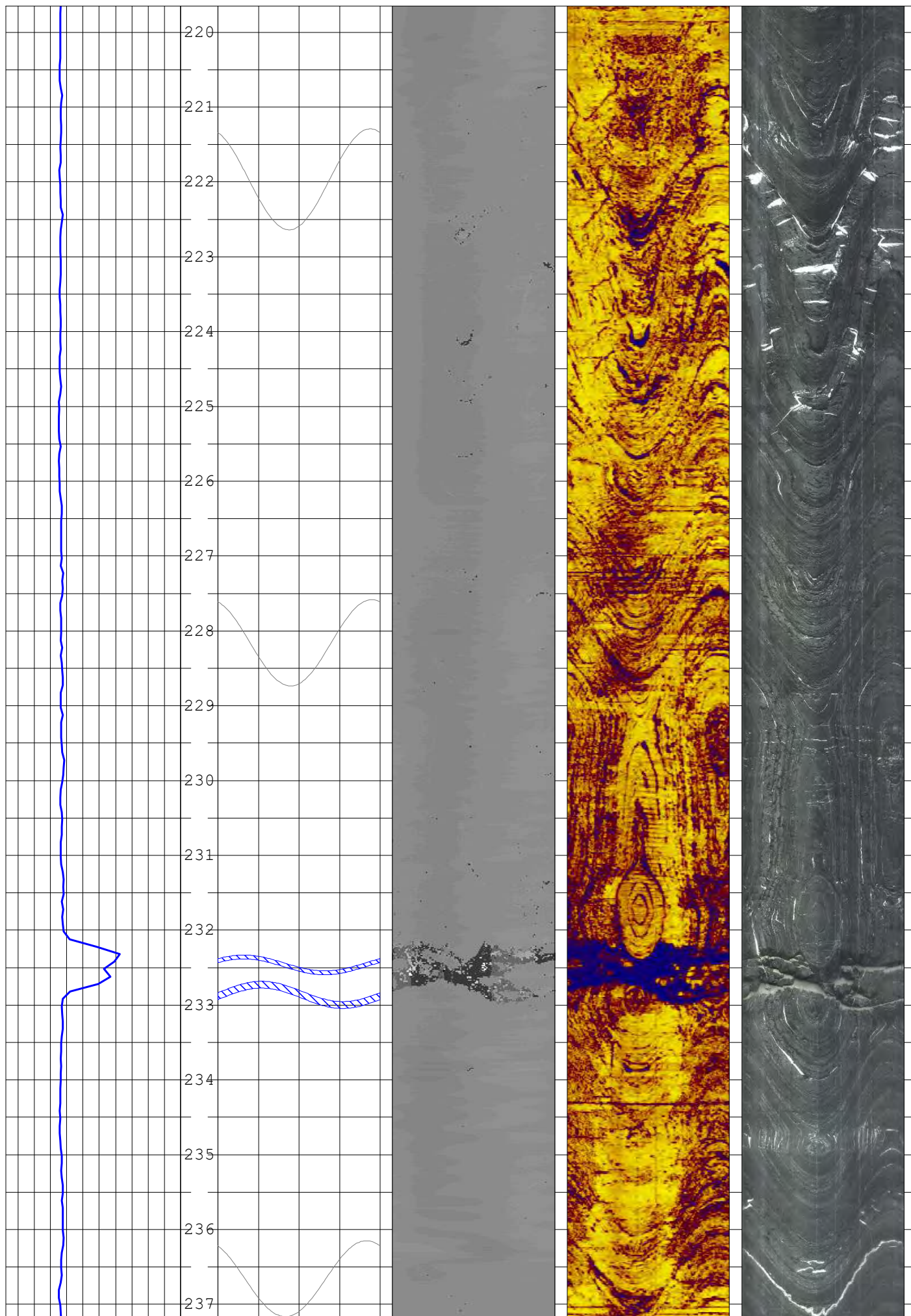


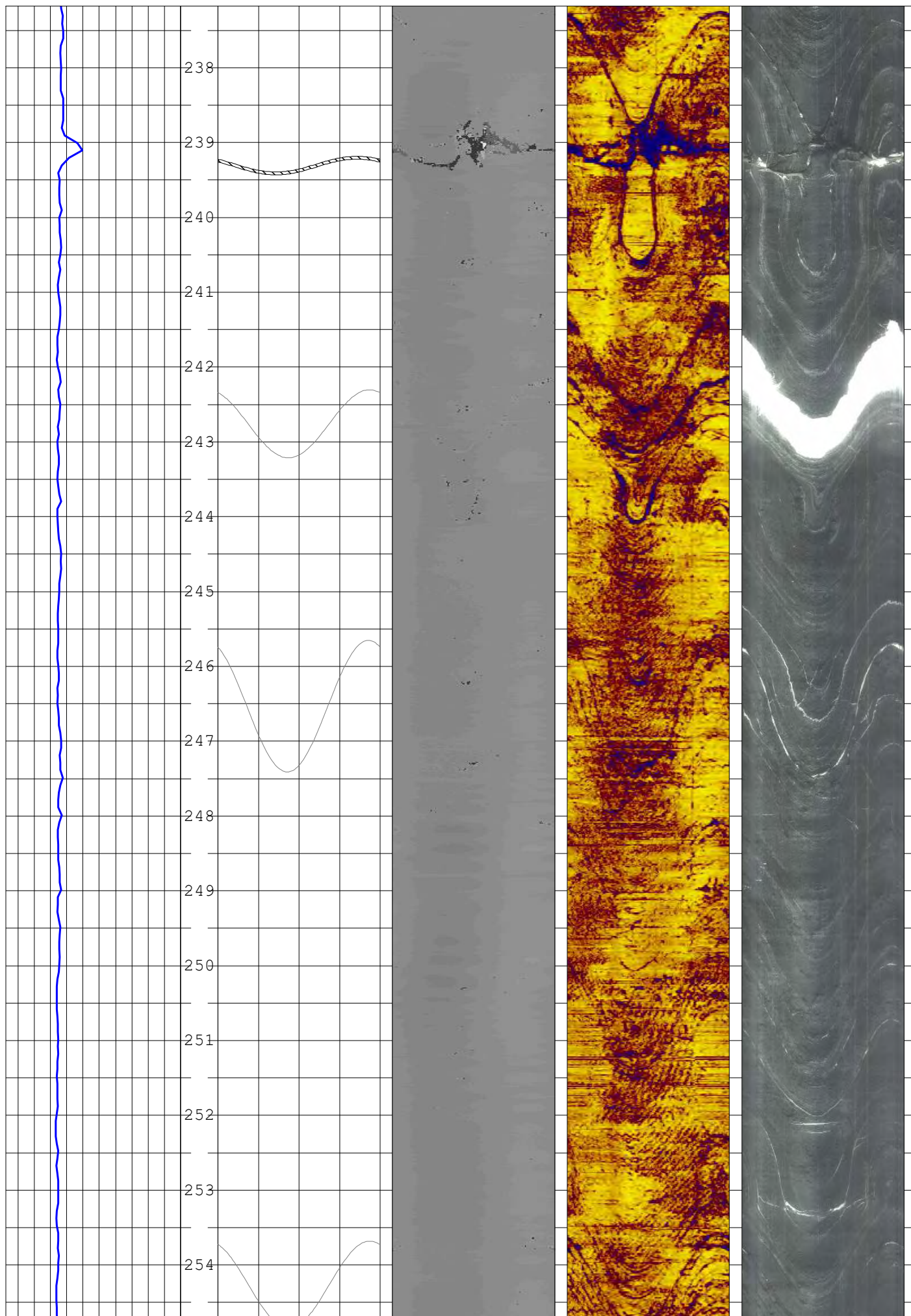


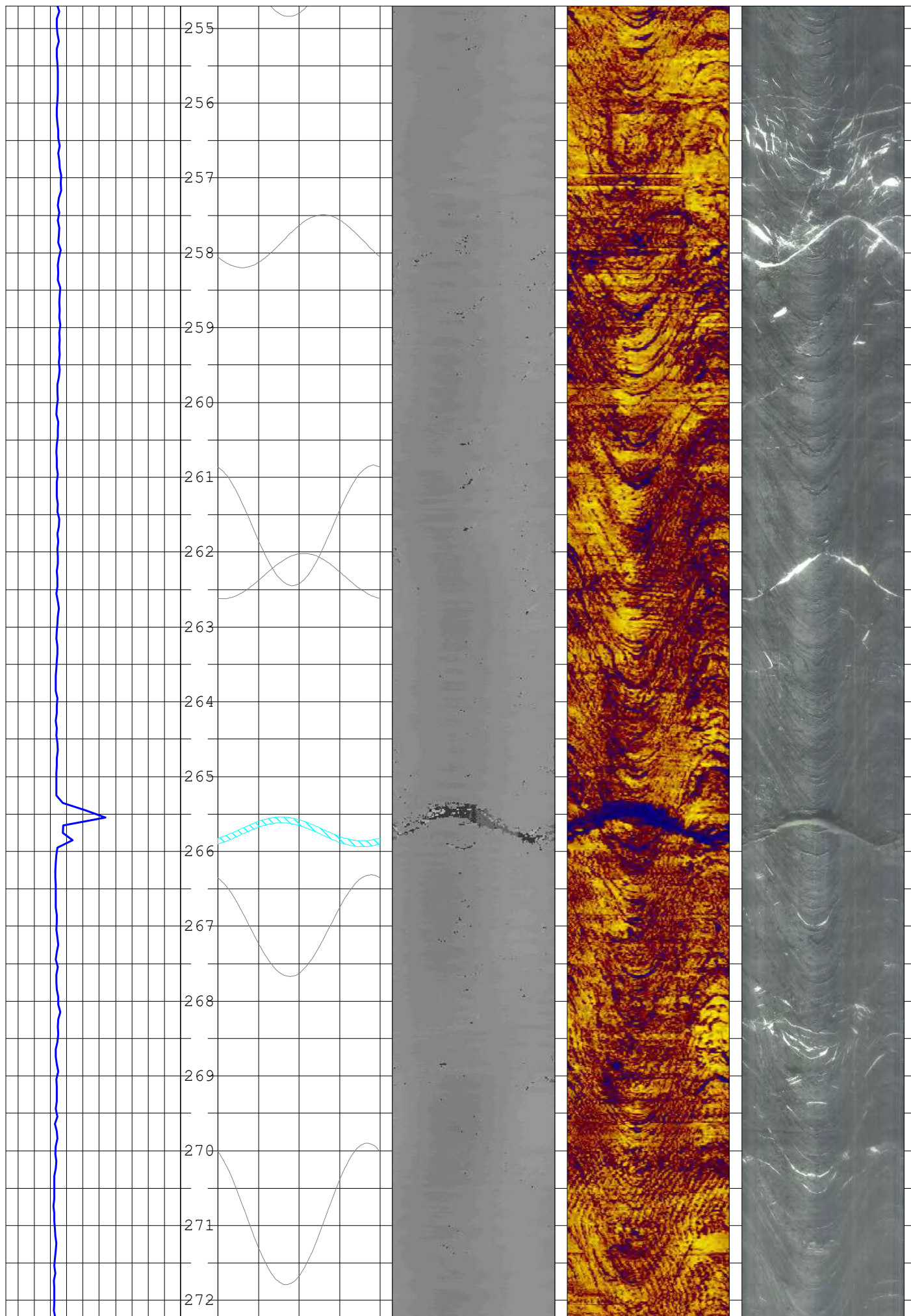


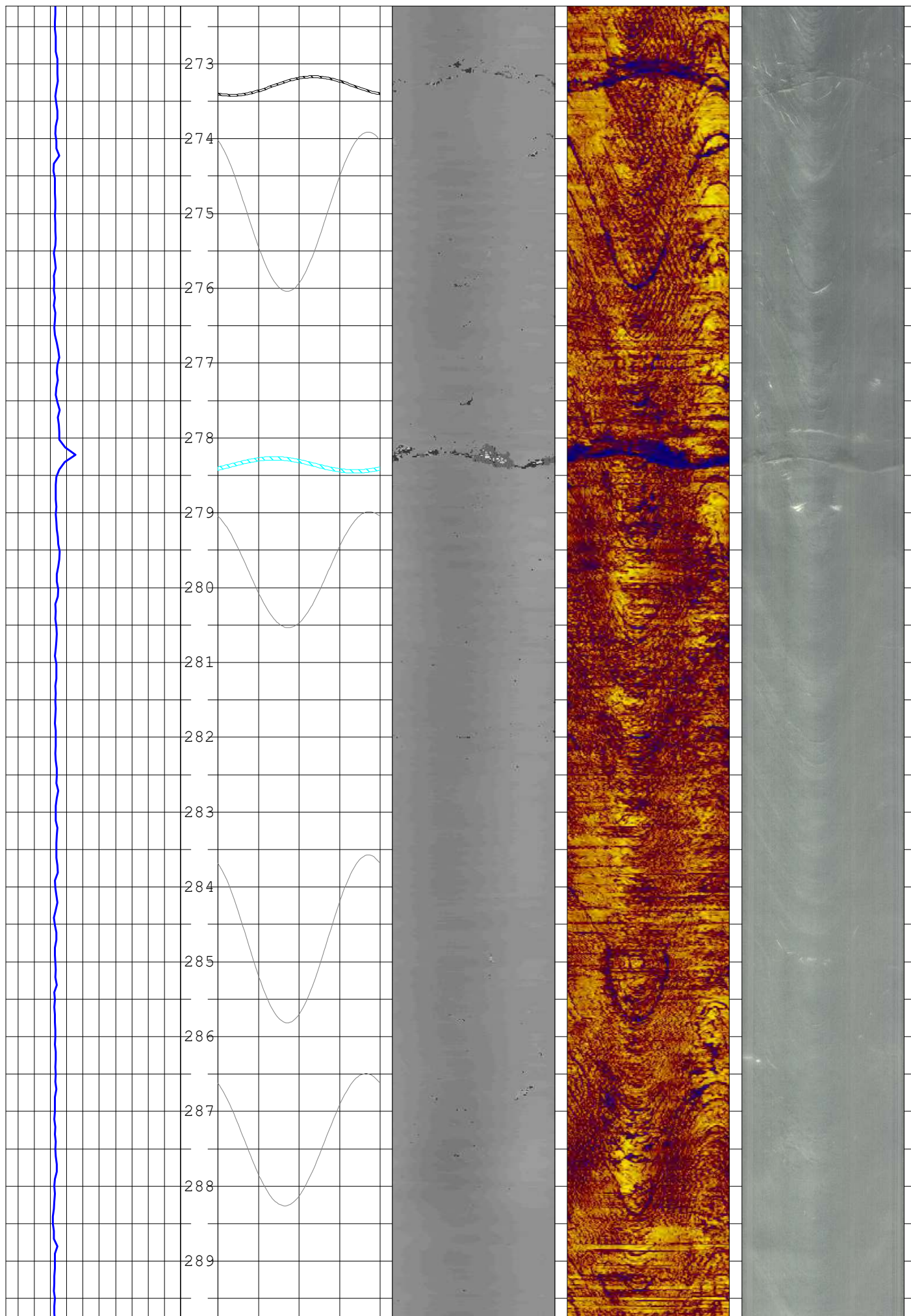












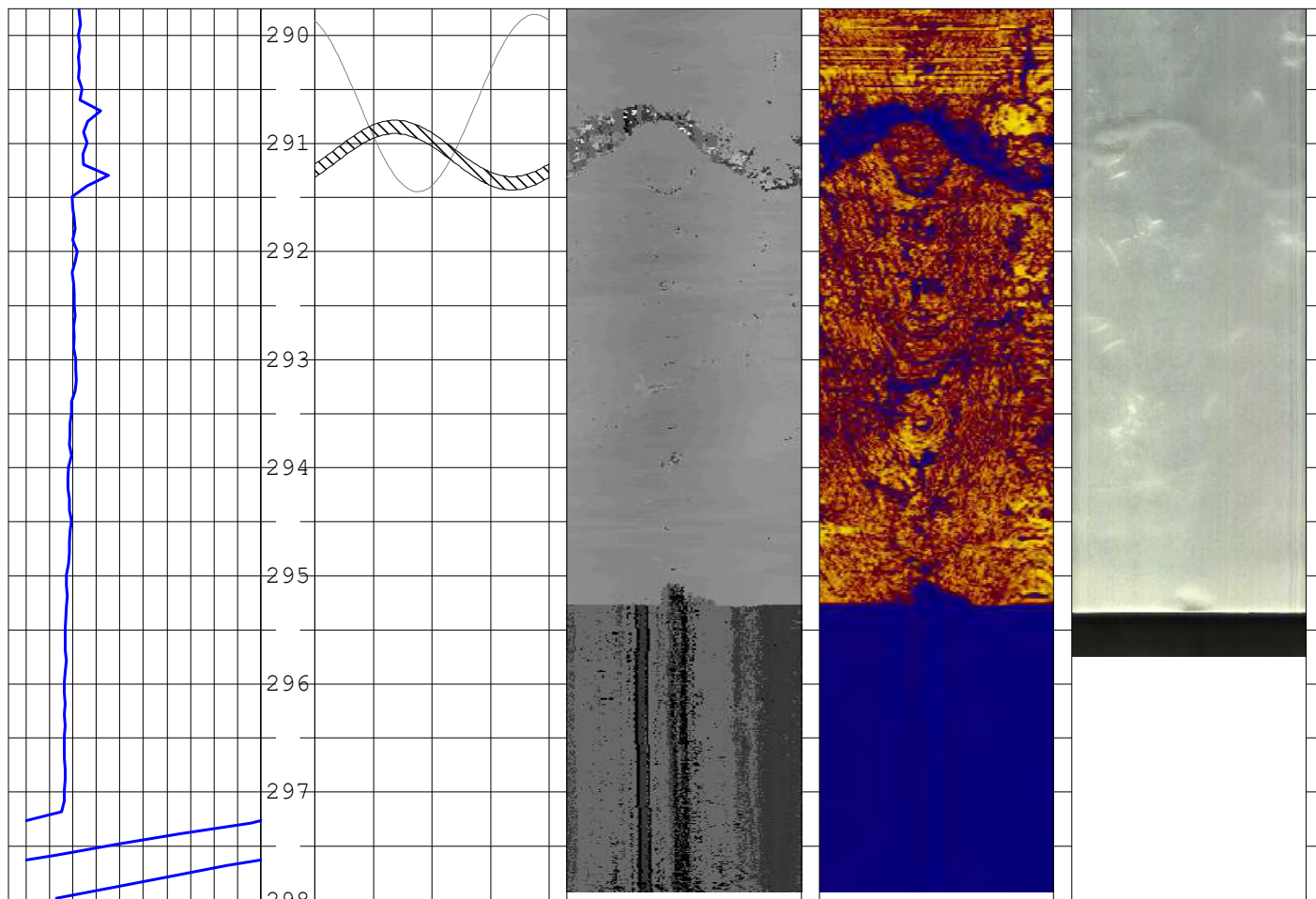


TABLE B-1 Planar features interpreted from acoustical and optical televiwers
Former Loring AFB Site - Limestone, Maine

August, 2022

Declination: 16.4 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
BW05011	1	18.7	67	355	265	339	249	<1 mm	100
BW05011	2	19.3	41	222	132	205	115	19	101
BW05011	3	19.7	33	158	68	142	52	10	101
BW05011	4	21.1	64	51	321	34	304	<1 mm	100
BW05011	5	21.2	65	48	318	32	302	<1 mm	100
BW05011	6	23.1	48	241	151	224	134	<1 mm	100
BW05011	7	23.1	48	239	149	223	133	<1 mm	100
BW05011	8	24.5	17	182	92	165	75	39	107
BW05011	9	27.8	69	154	64	137	47	<1 mm	100
BW05011	10	31.5	27	201	111	185	95	12	101
BW05011	11	34.3	71	162	72	146	56	<1 mm	100
BW05011	12	40.1	67	157	67	140	50	<1 mm	100
BW05011	13	43.4	10	56	326	39	309	<1 mm	100
BW05011	14	43.5	69	151	61	134	44	<1 mm	100
BW05011	15	44.5	17	350	260	334	244	<1 mm	100
BW05011	16	44.9	68	167	77	151	61	<1 mm	100
BW05011	17	47.8	13	163	73	147	57	22	101
BW05011	18	50.6	70	156	66	139	49	<1 mm	100
BW05011	19	56.8	70	155	65	139	49	<1 mm	100
BW05011	20	60.2	32	269	179	252	162	6	101
BW05011	21	63.1	74	158	68	141	51	<1 mm	100
BW05011	22	64.9	35	198	108	181	91	10	101
BW05011	23	68.7	68	148	58	132	42	<1 mm	100
BW05011	24	71.7	68	150	60	134	44	<1 mm	100
BW05011	25	74.6	73	157	67	140	50	<1 mm	100
BW05011	26	77.4	73	153	63	137	47	<1 mm	100
BW05011	27	86.8	76	160	70	144	54	<1 mm	100
BW05011	28	89.1	23	263	173	246	156	13	101
BW05011	29	89.2	69	165	75	148	58	<1 mm	100
BW05011	30	90.9	81	163	73	146	56	<1 mm	100
BW05011	31	100.7	71	155	65	138	48	<1 mm	100
BW05011	32	102.6	38	328	238	311	221	<1 mm	100
BW05011	33	103.4	75	164	74	148	58	<1 mm	100
BW05011	34	107.4	75	149	59	133	43	<1 mm	100
BW05011	35	111.2	28	56	326	39	309	<1 mm	100
BW05011	36	112.3	73	149	59	132	42	<1 mm	100
BW05011	37	115.8	75	160	70	143	53	<1 mm	100
BW05011	38	117.3	13	272	182	256	166	16	101
BW05011	39	120.6	68	152	62	135	45	<1 mm	100
BW05011	40	124.0	73	141	51	125	35	<1 mm	100
BW05011	41	128.1	66	151	61	134	44	<1 mm	100
BW05011	42	128.5	5	186	96	170	80	10	101
BW05011	43	134.0	22	281	191	264	174	26	101
BW05011	44	134.7	72	169	79	153	63	<1 mm	100
BW05011	45	140.7	69	150	60	134	44	<1 mm	100
BW05011	46	144.7	71	147	57	131	41	<1 mm	100
BW05011	47	149.5	71	141	51	124	34	<1 mm	100
BW05011	48	151.5	77	336	246	320	230	<1 mm	100
BW05011	49	151.8	12	123	33	106	16	<1 mm	100
BW05011	50	156.1	73	155	65	138	48	<1 mm	100
BW05011	51	164.5	79	142	52	126	36	<1 mm	100
BW05011	52	167.4	76	143	53	127	37	<1 mm	100
BW05011	53	169.5	75	142	52	125	35	<1 mm	100
BW05011	54	172.3	72	135	45	118	28	<1 mm	100

TABLE B-1 Planar features interpreted from acoustical and optical televiewers**Former Loring AFB Site - Limestone, Maine****August, 2022**

Declination: 16.4 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
BW05011	55	176.7	72	142	52	126	36	<1 mm	100
BW05011	56	178.9	81	137	47	121	31	<1 mm	100
BW05011	57	190.6	81	156	66	139	49	1	101
BW05011	58	196.6	77	163	73	146	56	2	101
BW05011	59	198.1	6	175	85	158	68	8	101
BW05011	60	201.7	67	154	64	138	48	<1 mm	100
BW05011	61	209.1	76	156	66	140	50	<1 mm	100
BW05011	62	210.1	22	245	155	229	139	18	107
BW05011	63	210.7	7	155	65	138	48	19	107
BW05011	64	212.8	79	345	255	328	238	<1 mm	100
BW05011	65	216.4	64	149	59	132	42	<1 mm	100
BW05011	66	222.0	68	158	68	142	52	<1 mm	100
BW05011	67	228.2	65	162	72	145	55	<1 mm	100
BW05011	68	232.5	19	237	147	221	131	16	107
BW05011	69	232.9	26	277	187	261	171	27	107
BW05011	70	236.7	62	150	60	133	43	<1 mm	100
BW05011	71	239.3	21	129	39	112	22	11	101
BW05011	72	242.8	59	157	67	140	50	<1 mm	100
BW05011	73	246.5	73	154	64	138	48	<1 mm	100
BW05011	74	254.3	65	158	68	141	51	<1 mm	100
BW05011	75	257.8	53	54	324	37	307	<1 mm	100
BW05011	76	261.7	71	166	76	149	59	<1 mm	100
BW05011	77	262.3	48	11	281	355	265	<1 mm	100
BW05011	78	265.7	30	321	231	305	215	22	108
BW05011	79	267.0	68	160	70	143	53	<1 mm	100
BW05011	80	270.8	74	152	62	135	45	<1 mm	100
BW05011	81	273.3	25	32	302	15	285	7	101
BW05011	82	275.0	76	154	64	138	48	<1 mm	100
BW05011	83	278.4	18	305	215	288	198	13	108
BW05011	84	279.8	71	157	67	140	50	<1 mm	100
BW05011	85	284.7	76	154	64	138	48	<1 mm	100
BW05011	86	287.4	73	148	58	132	42	<1 mm	100
BW05011	87	290.6	72	158	68	142	52	<1 mm	100
BW05011	88	291.1	44	303	213	287	197	28	101

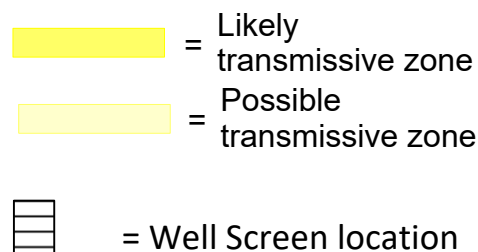
Explanation:

Category 100 = planar feature (possible fracture, joint, foliation, bedding, etc.) aperture less than 1 mm

Category 101 = planar feature (possible fracture, joint, foliation, bedding, etc.) aperture > 1 mm

Category 107 = Likely water bearing feature

Category 108 = Possible water bearing fracture



Tadpole tail indicates dip direction.
The solid tadpoles with a feature number are the ones interpreted to be likely or possibly transmissive.

BW05012/D
Former Loring AFB
Limestone, ME

PLATE A-2

Strike and Dip Direction
of all features

Based on 149 measurements in
BW05012/D borehole

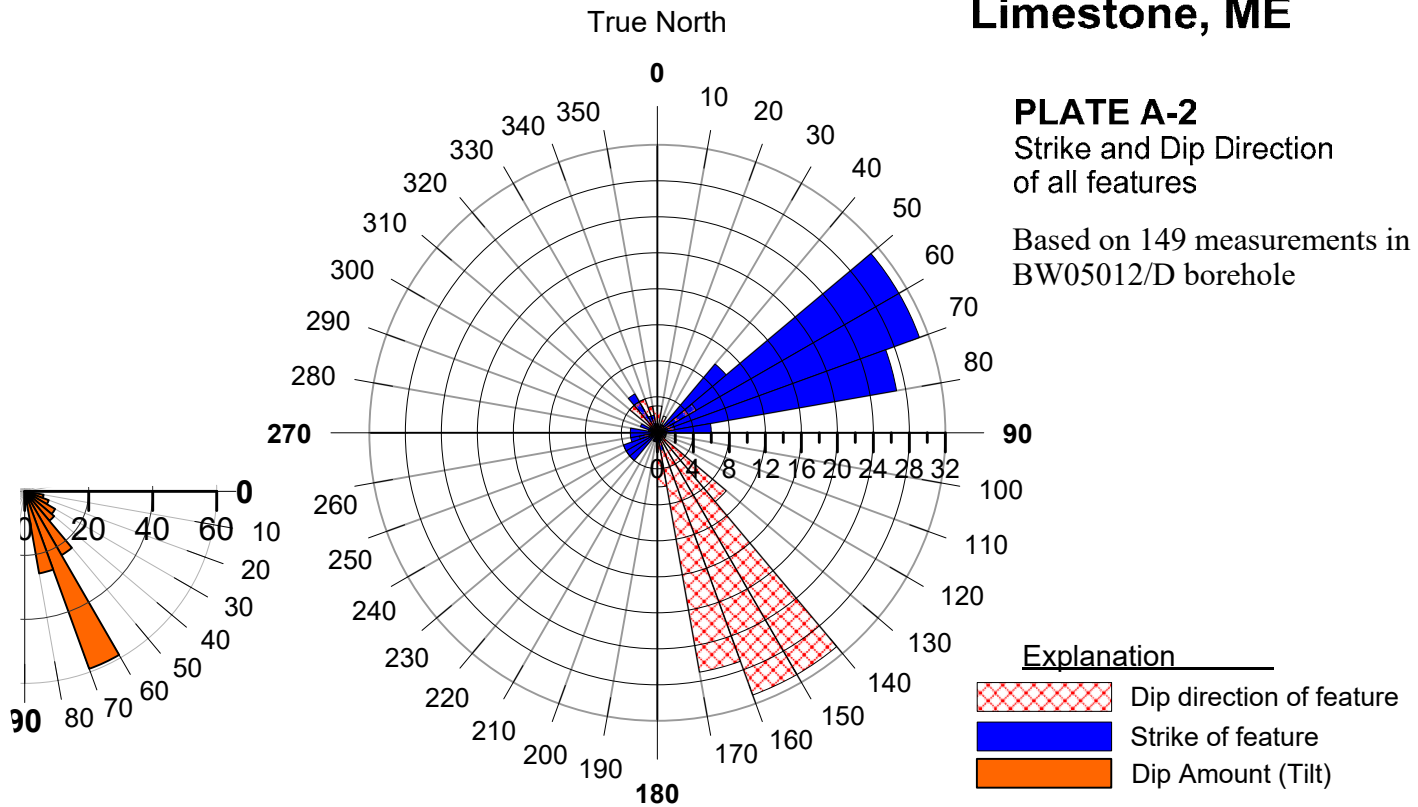
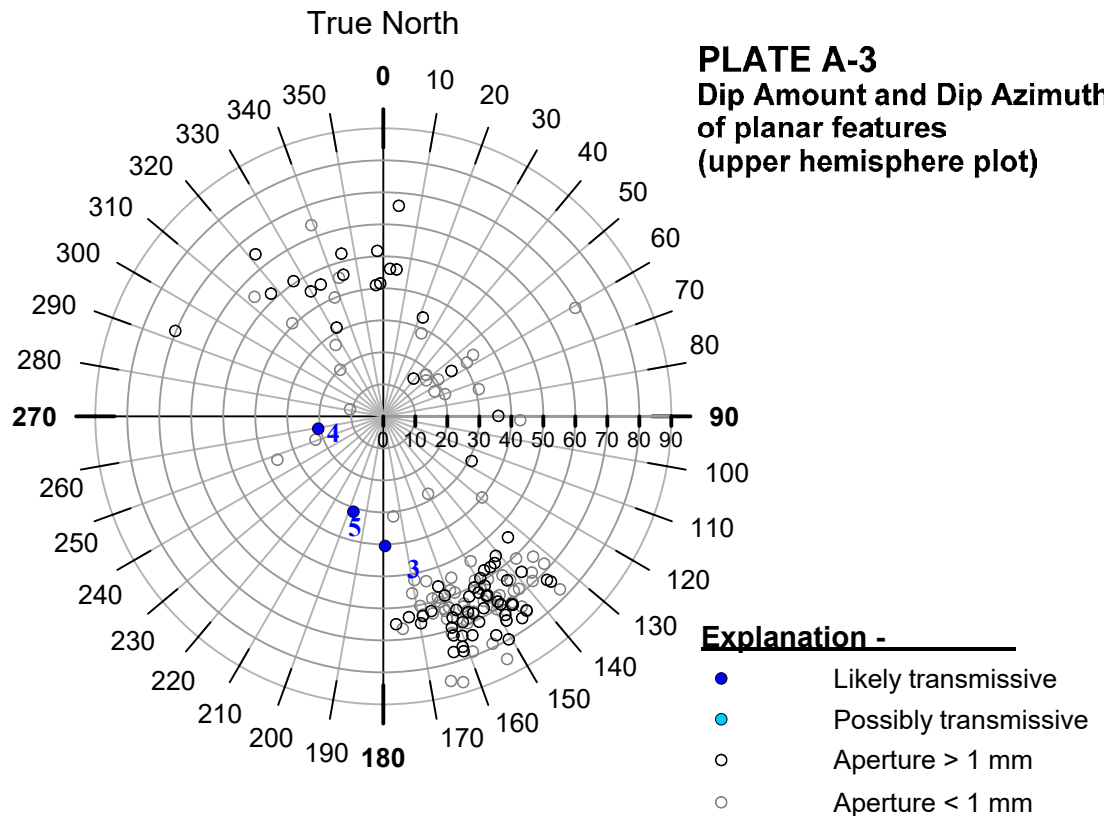


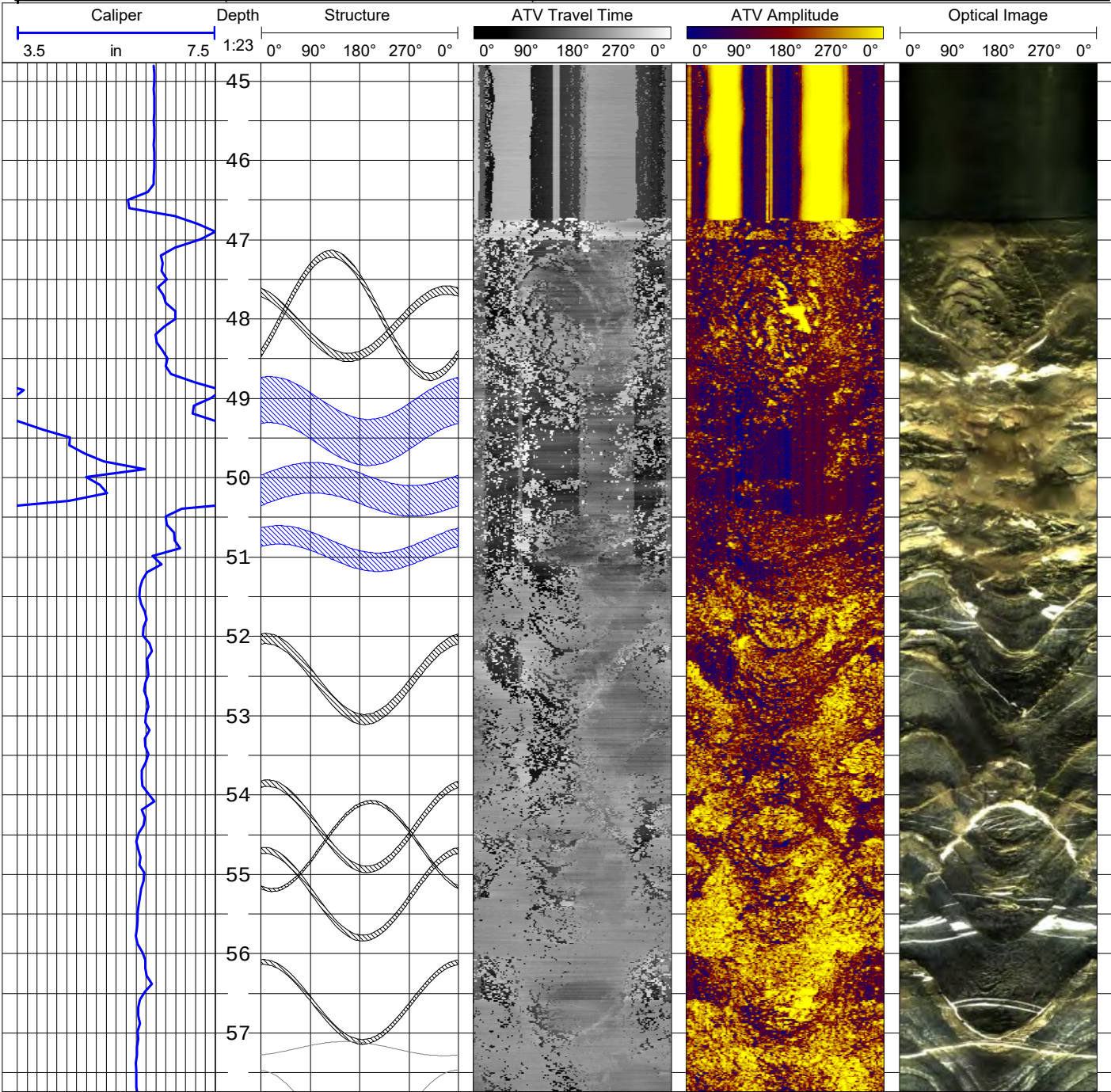
PLATE A-3

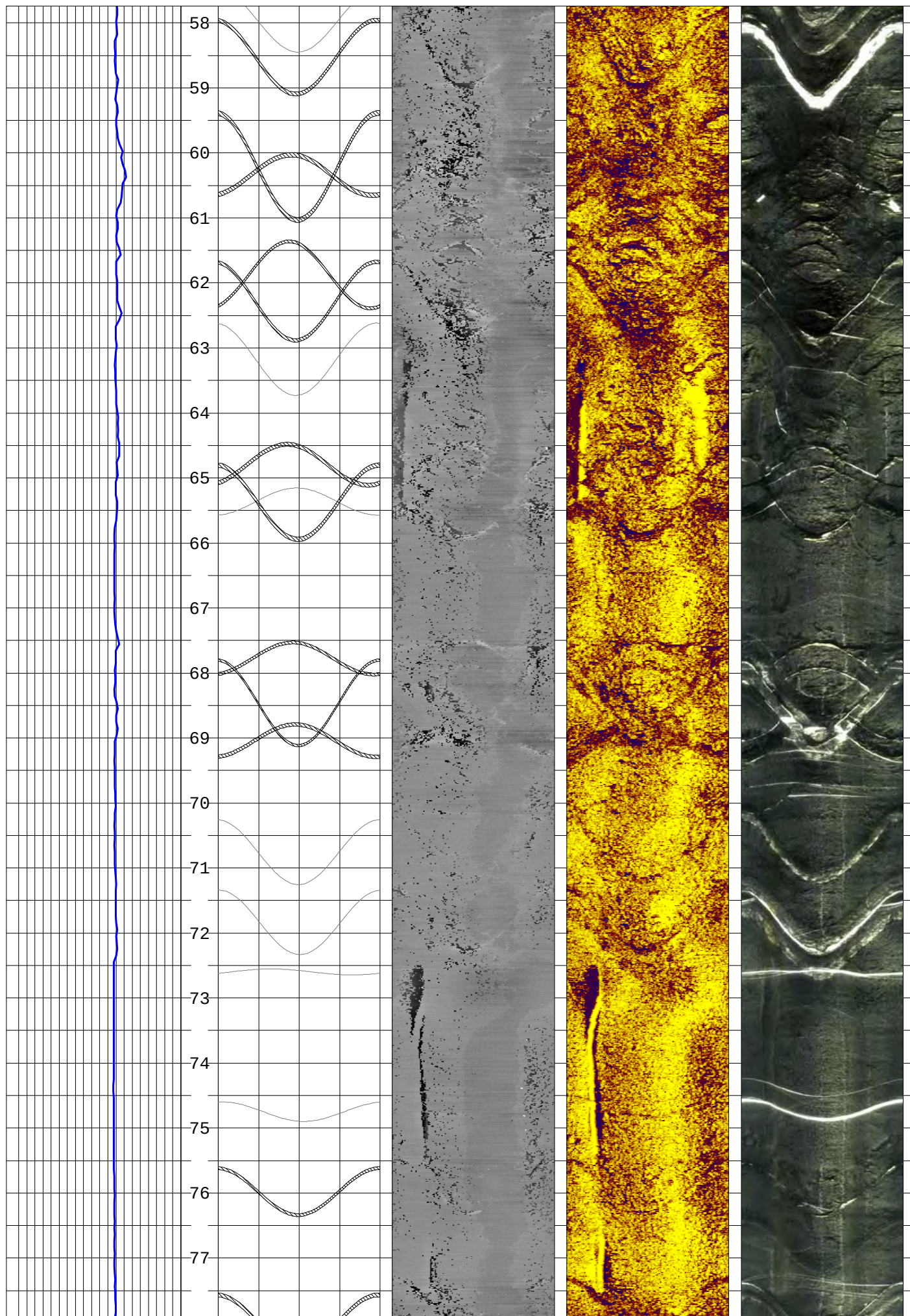
Dip Amount and Dip Azimuth
of planar features
(upper hemisphere plot)

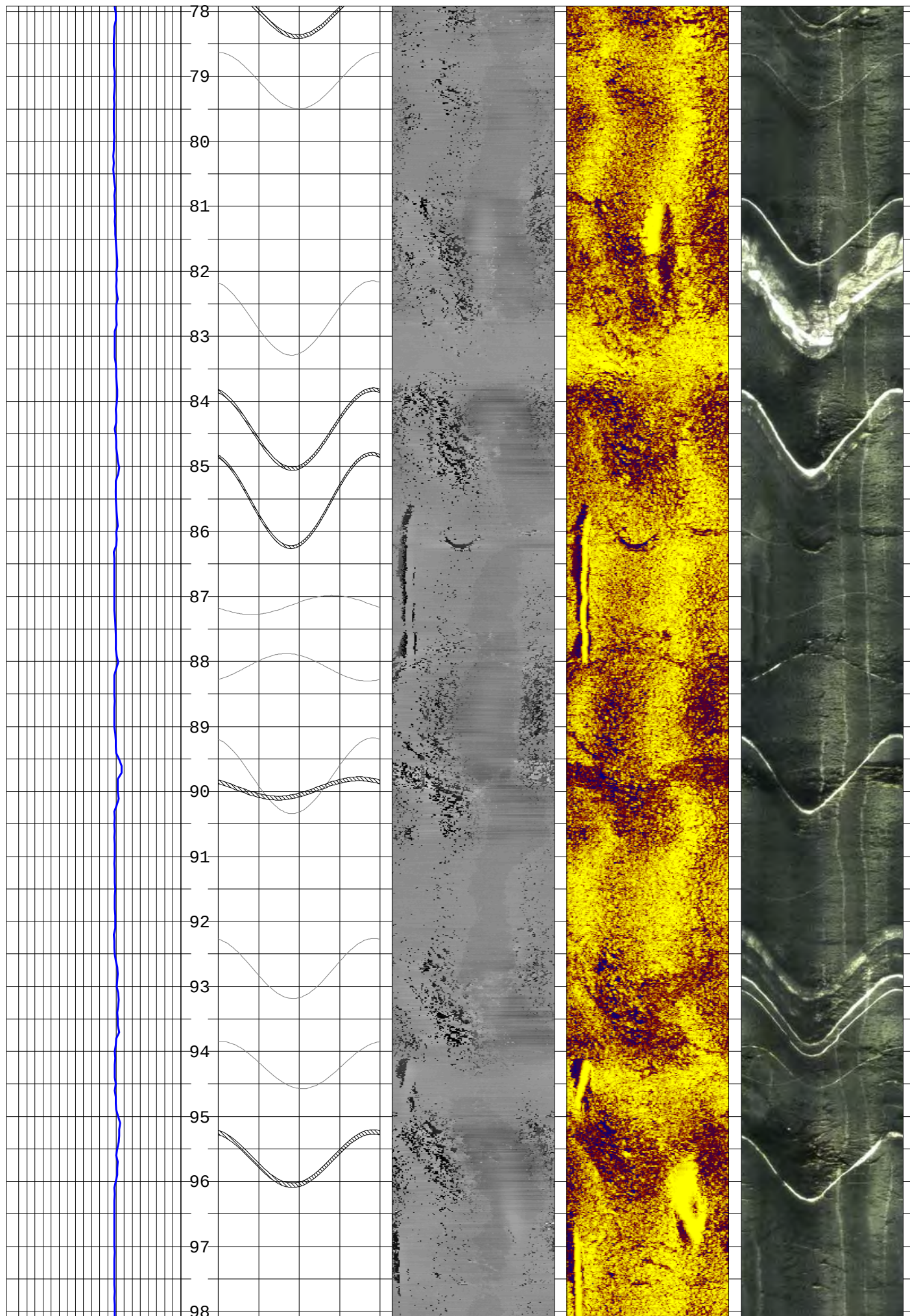


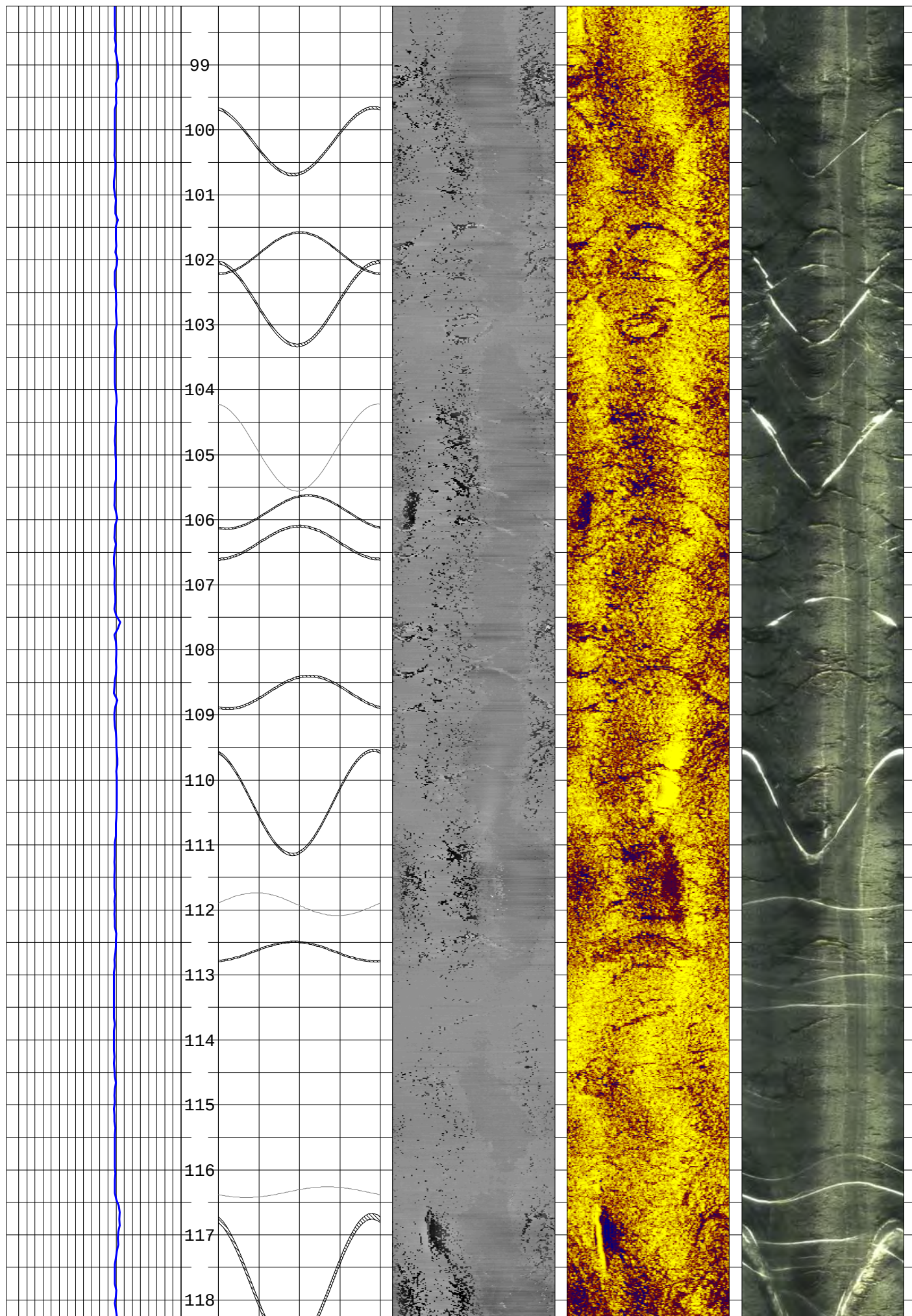
Declination: 16.2 degrees west

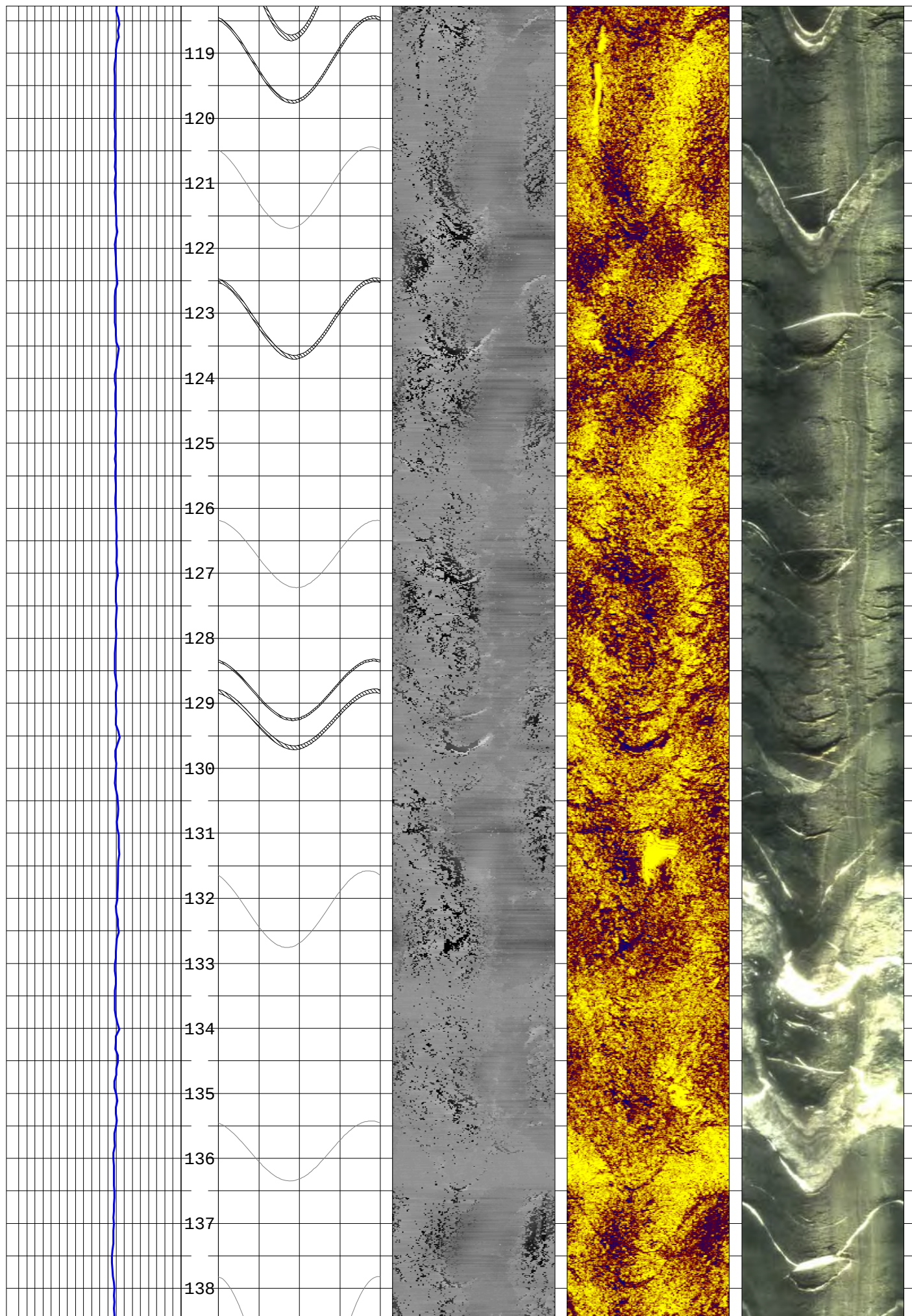
Northeast Geophysical Services 4 Union Street Bangor, Maine 04401 Tel. 207-942-2700 email: ngsinc@negeophysical.com		Log: Plate A-4 Televiwer & Caliper Logs
		Well: BW05012
		Site: Former Loring AFB
Date:	06/12/24	Location: Limestone, Maine
Casing Depth	46.7 ft	For: WSP
Casing Type:	6 in steel	Logged by: R Rawcliffe
Boring Depth:	401.1 ft	Orientation: magnetic north
Meas. From:	top of casing	Structure Plots: black = planar features (faults, foliation, bedding, joints, etc) light blue = possibly transmissive fracture dark blue = likely transmissive fracture
Stickup:	0.1 ft	
Water Level:	18.65 ft	

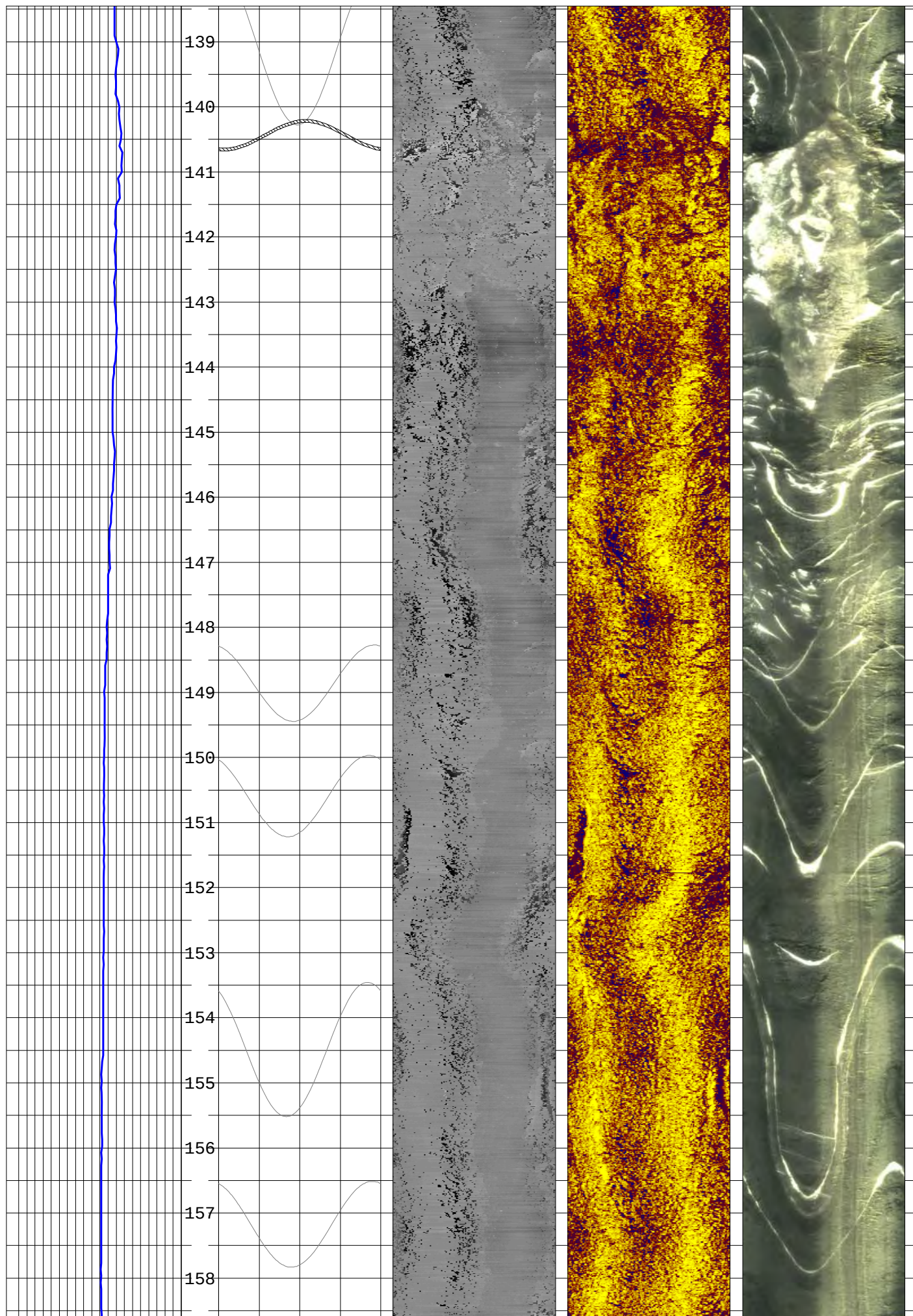


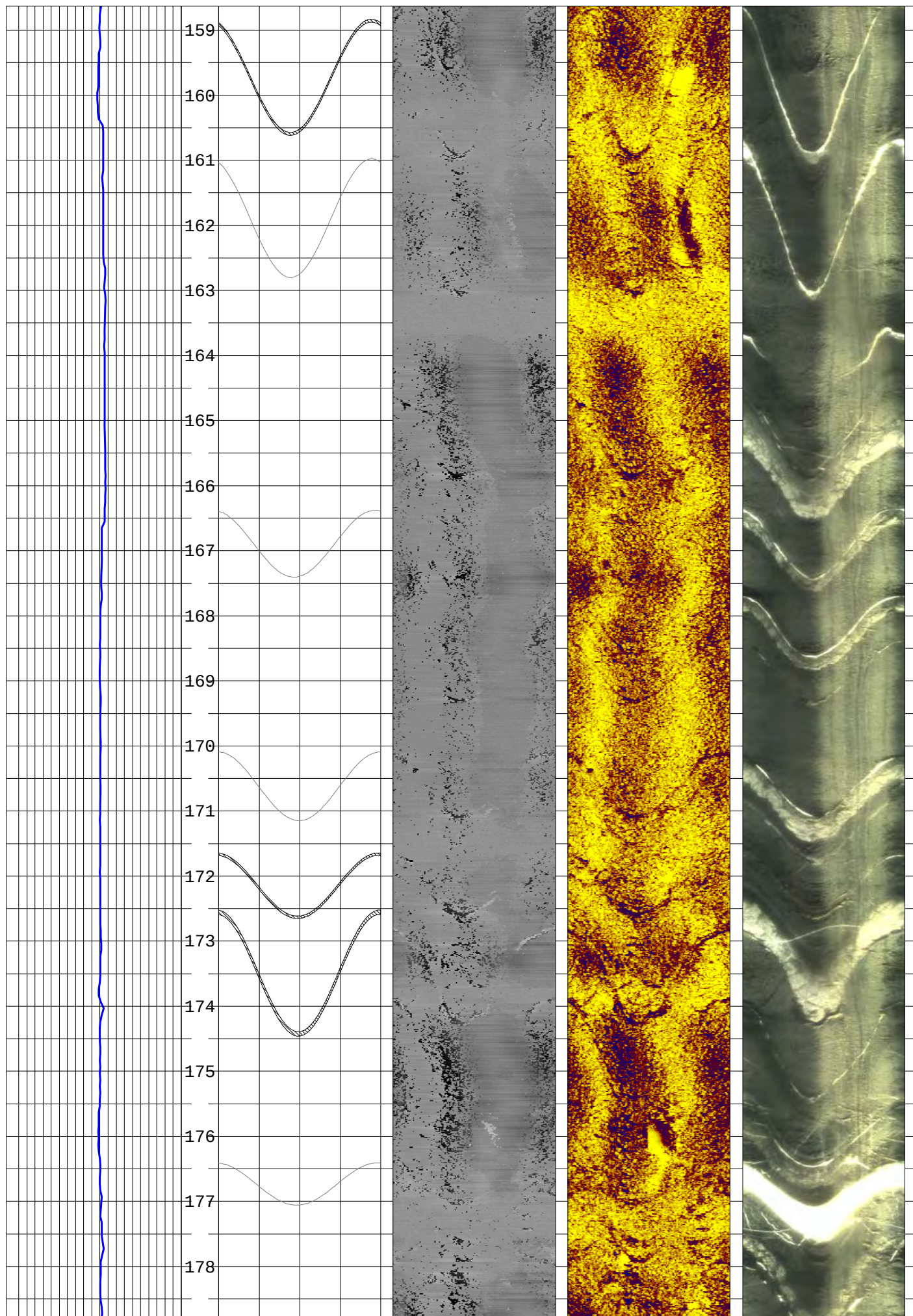


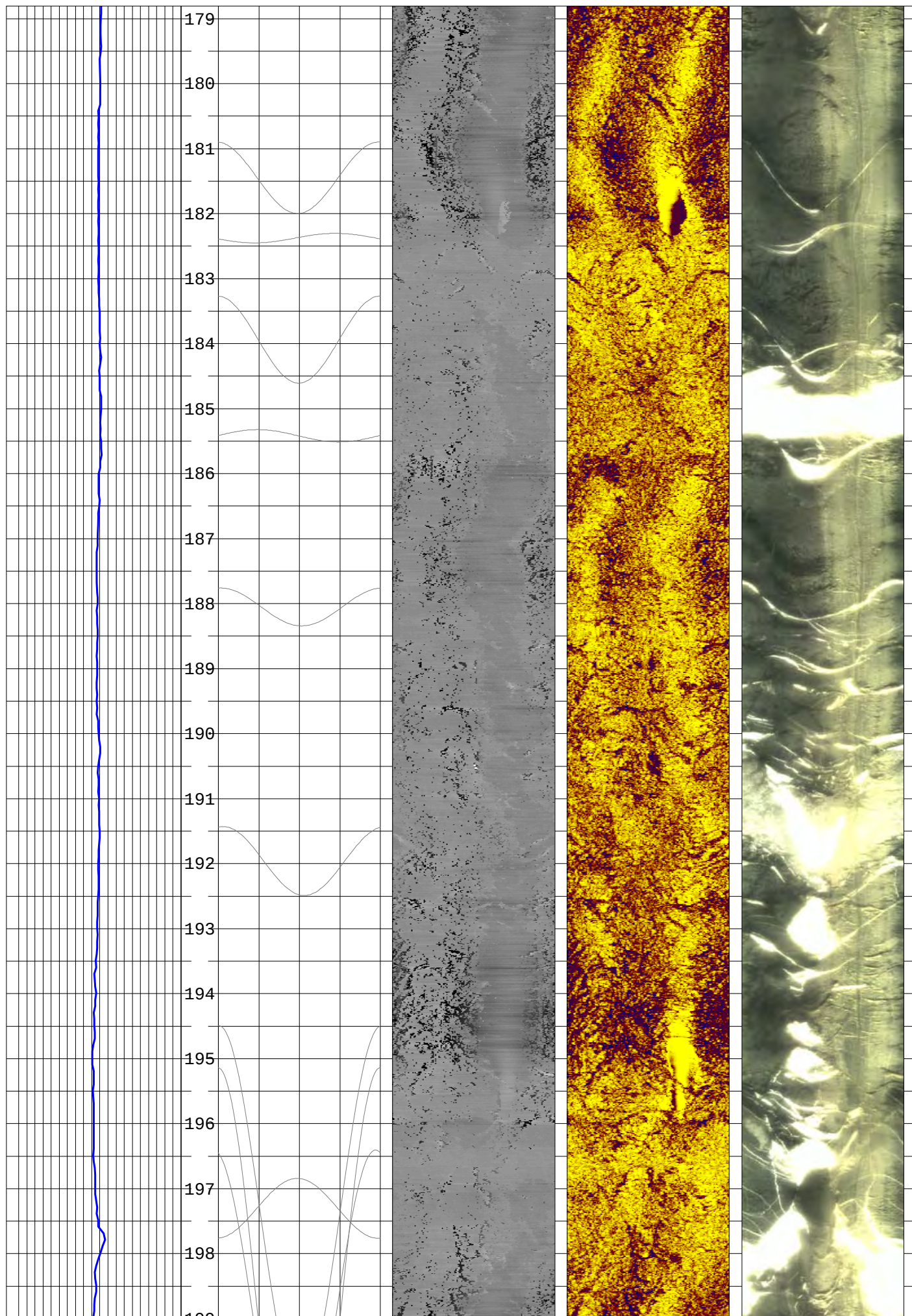


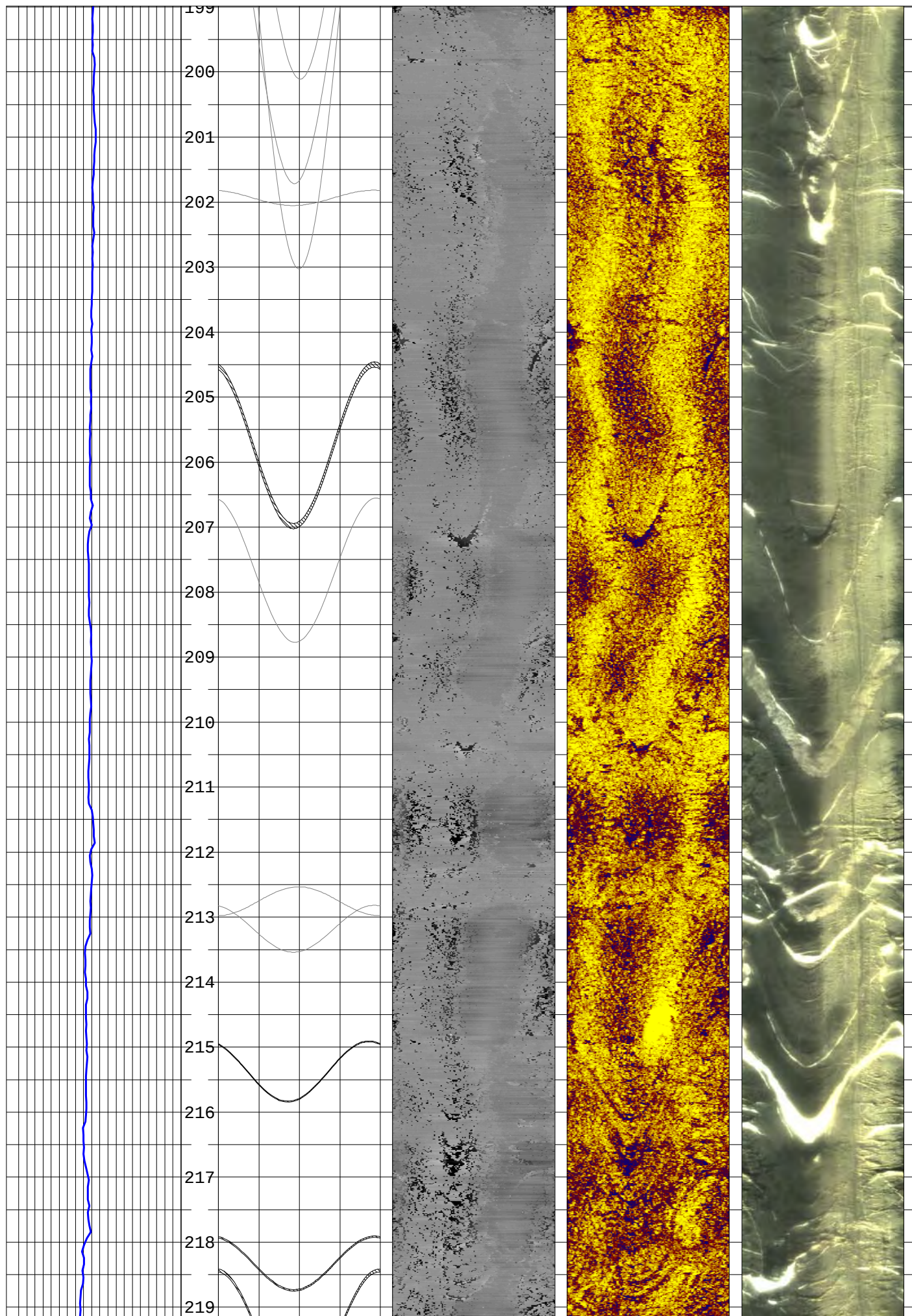


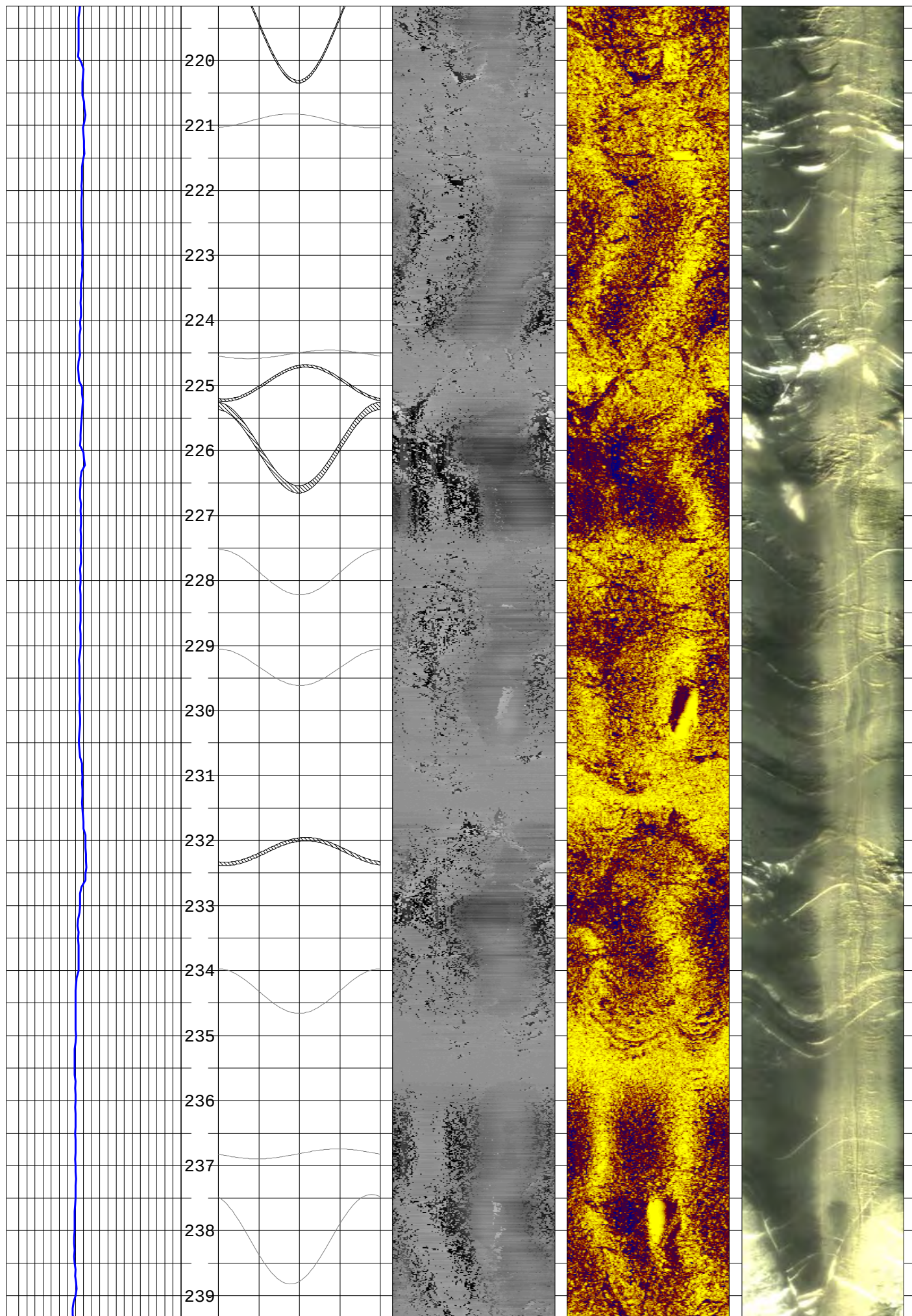


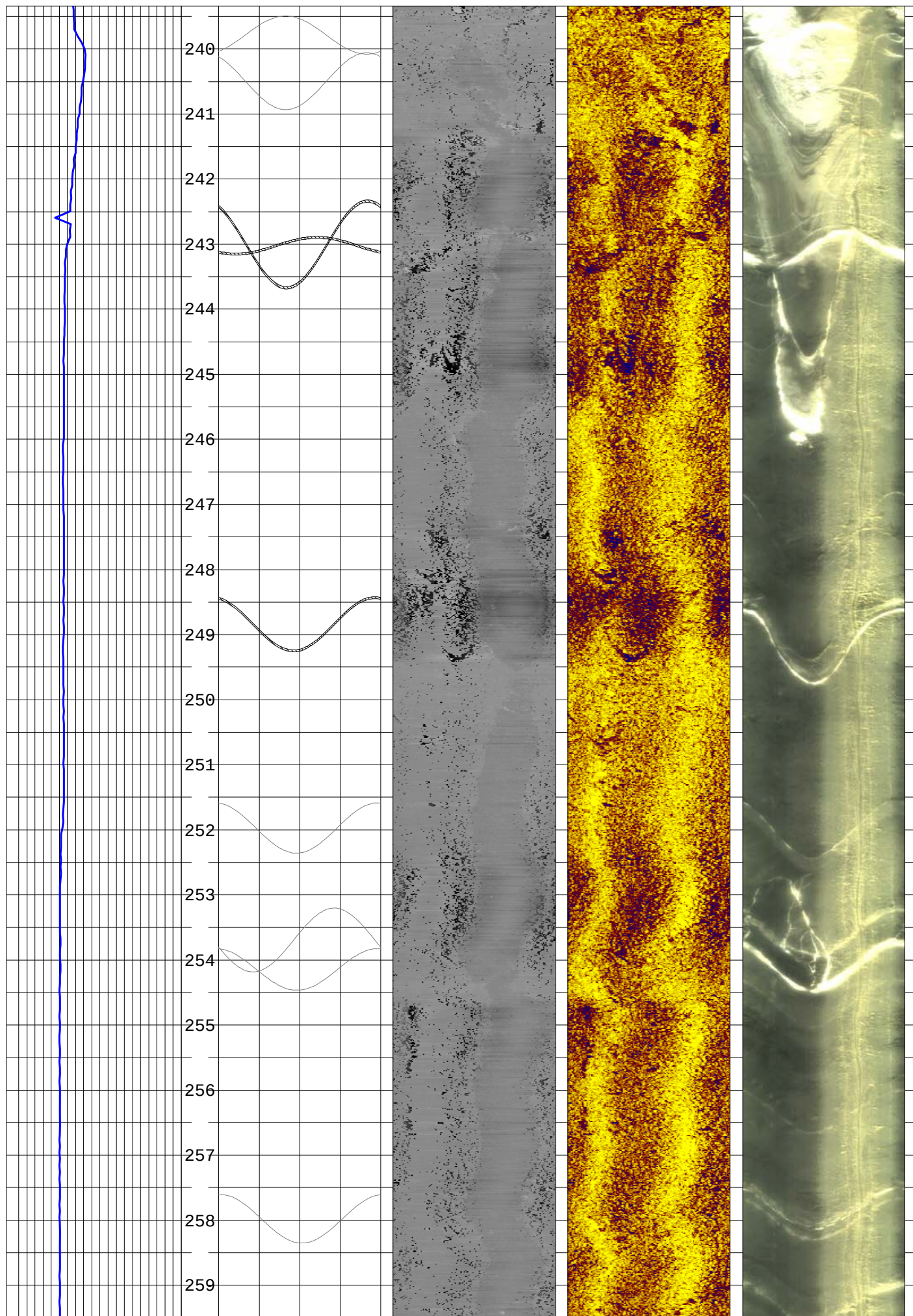


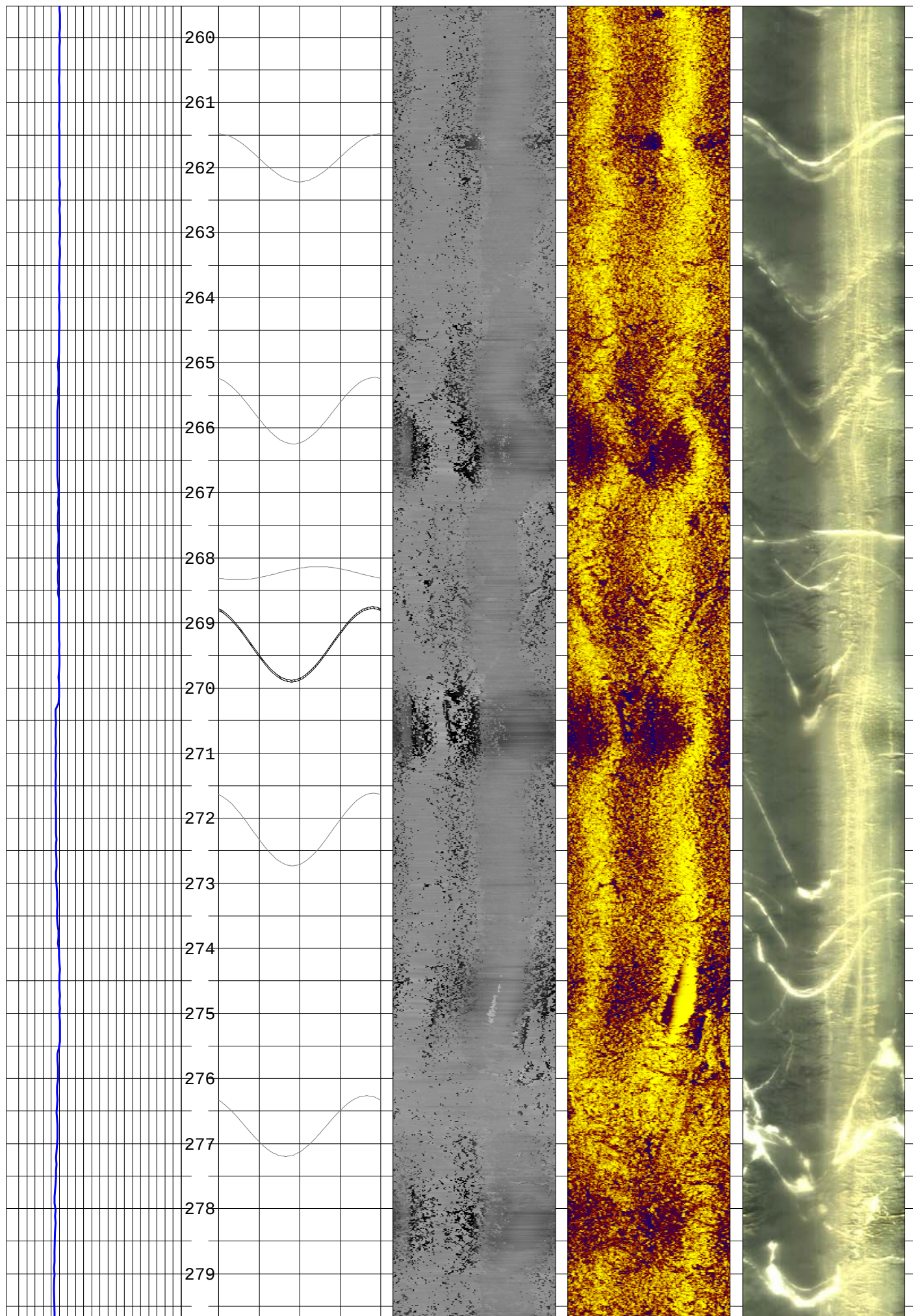


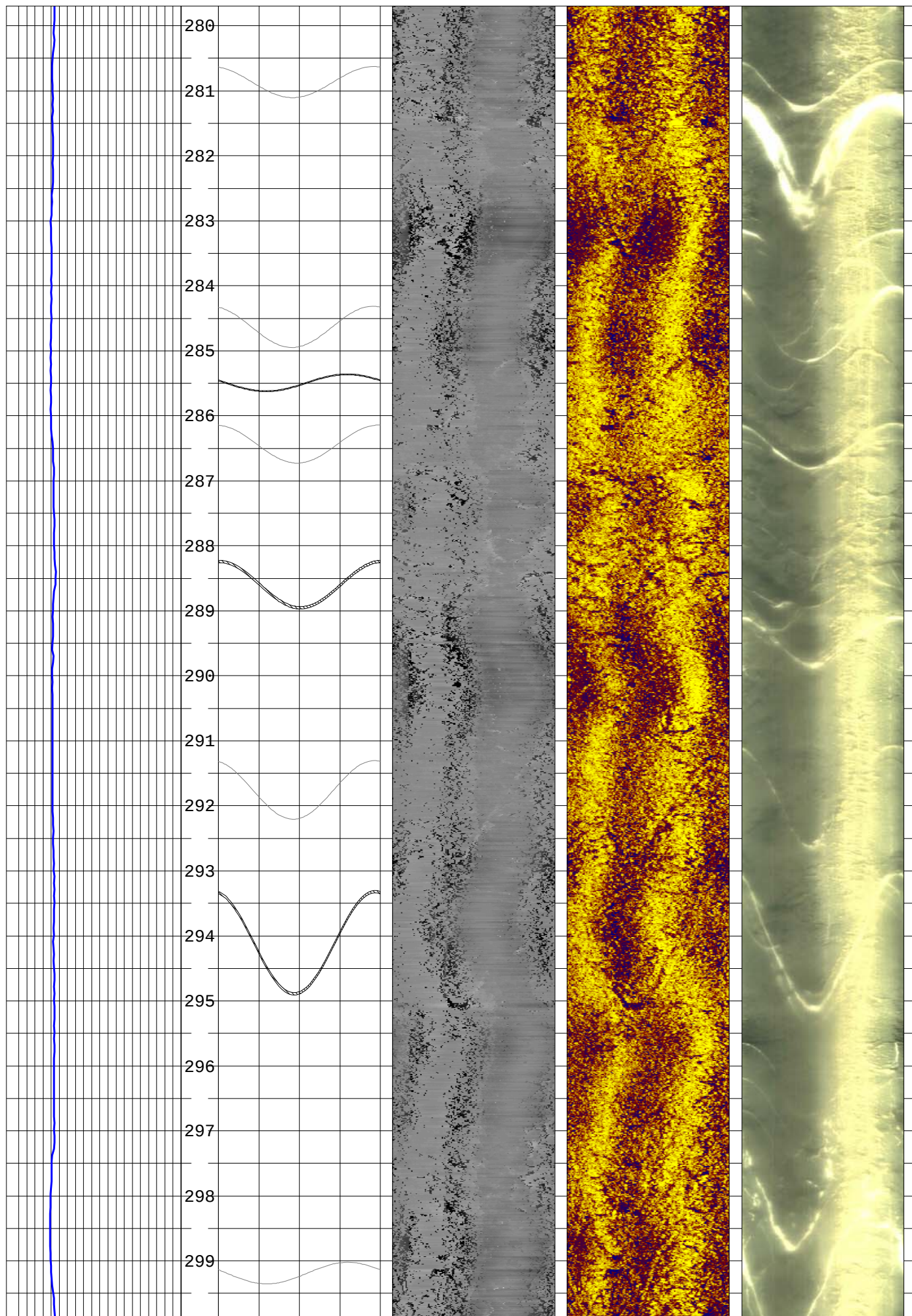


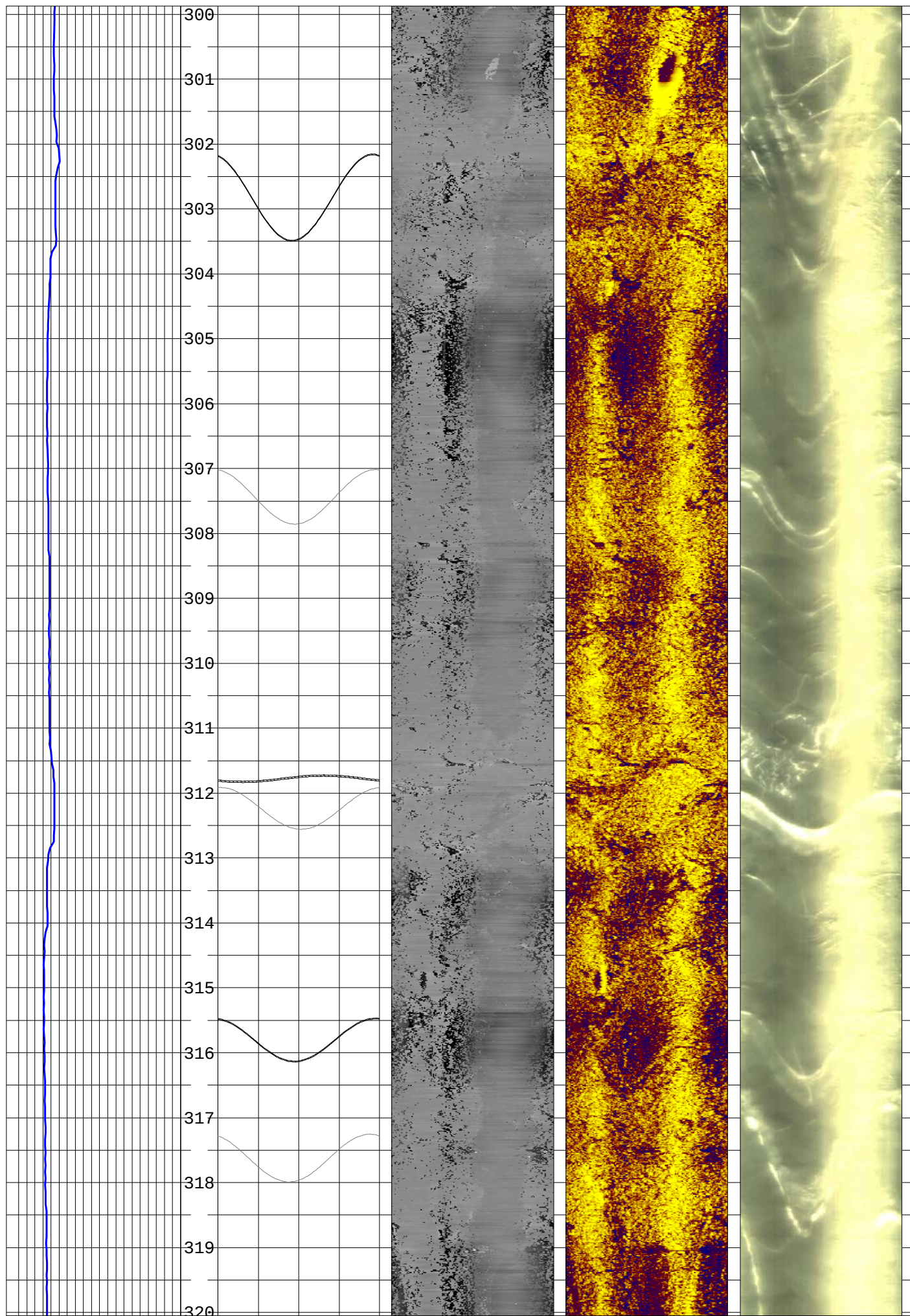


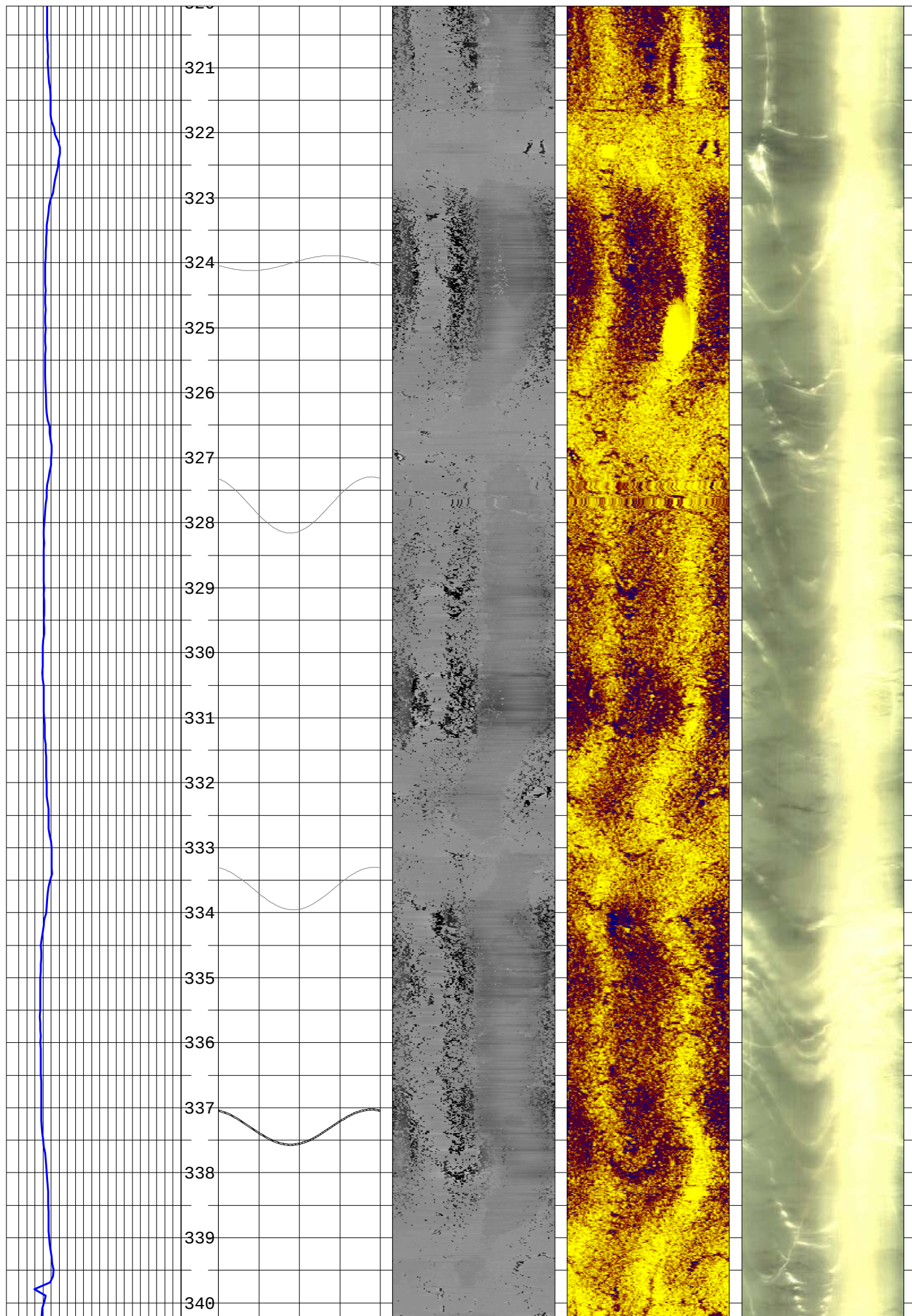


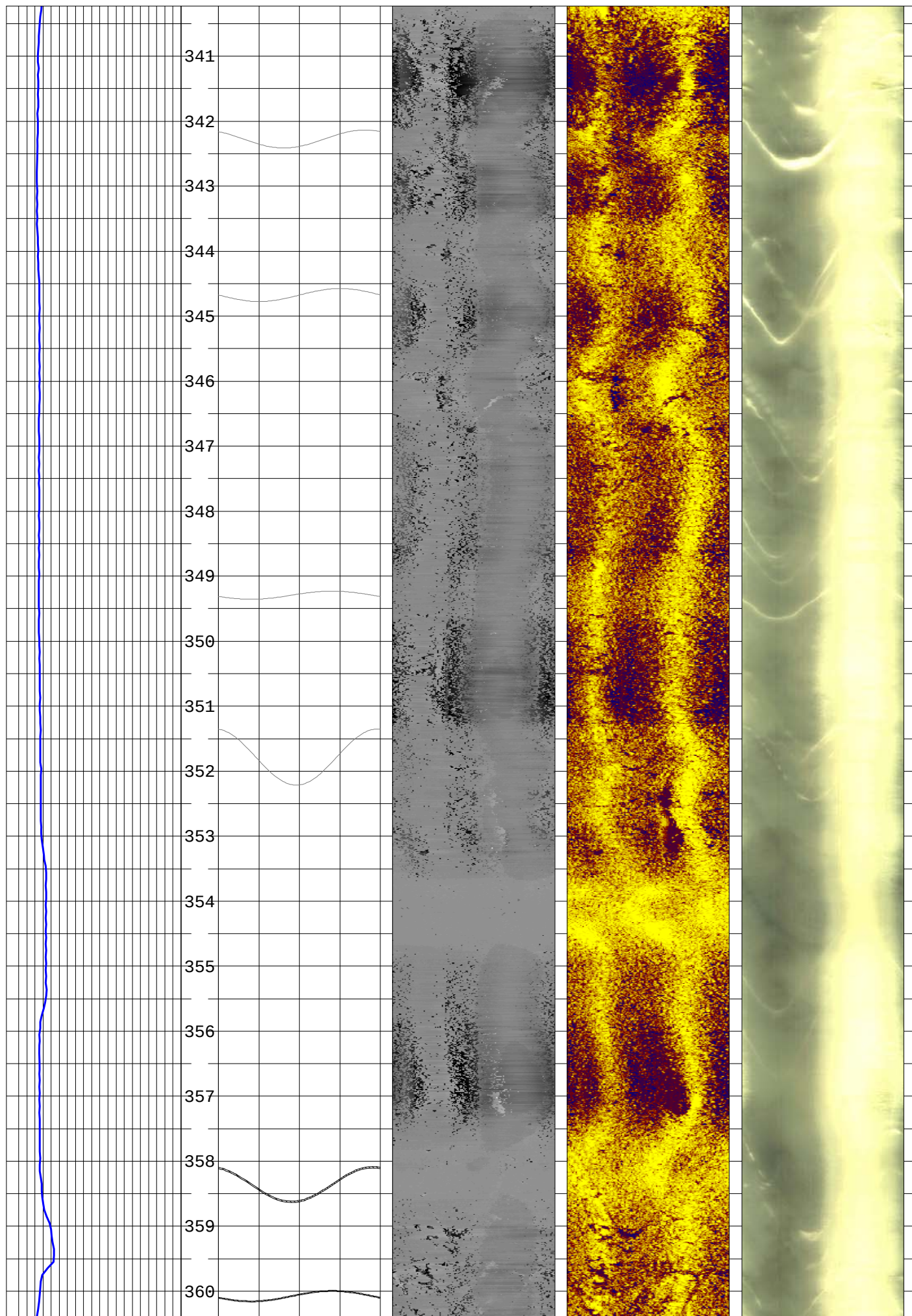


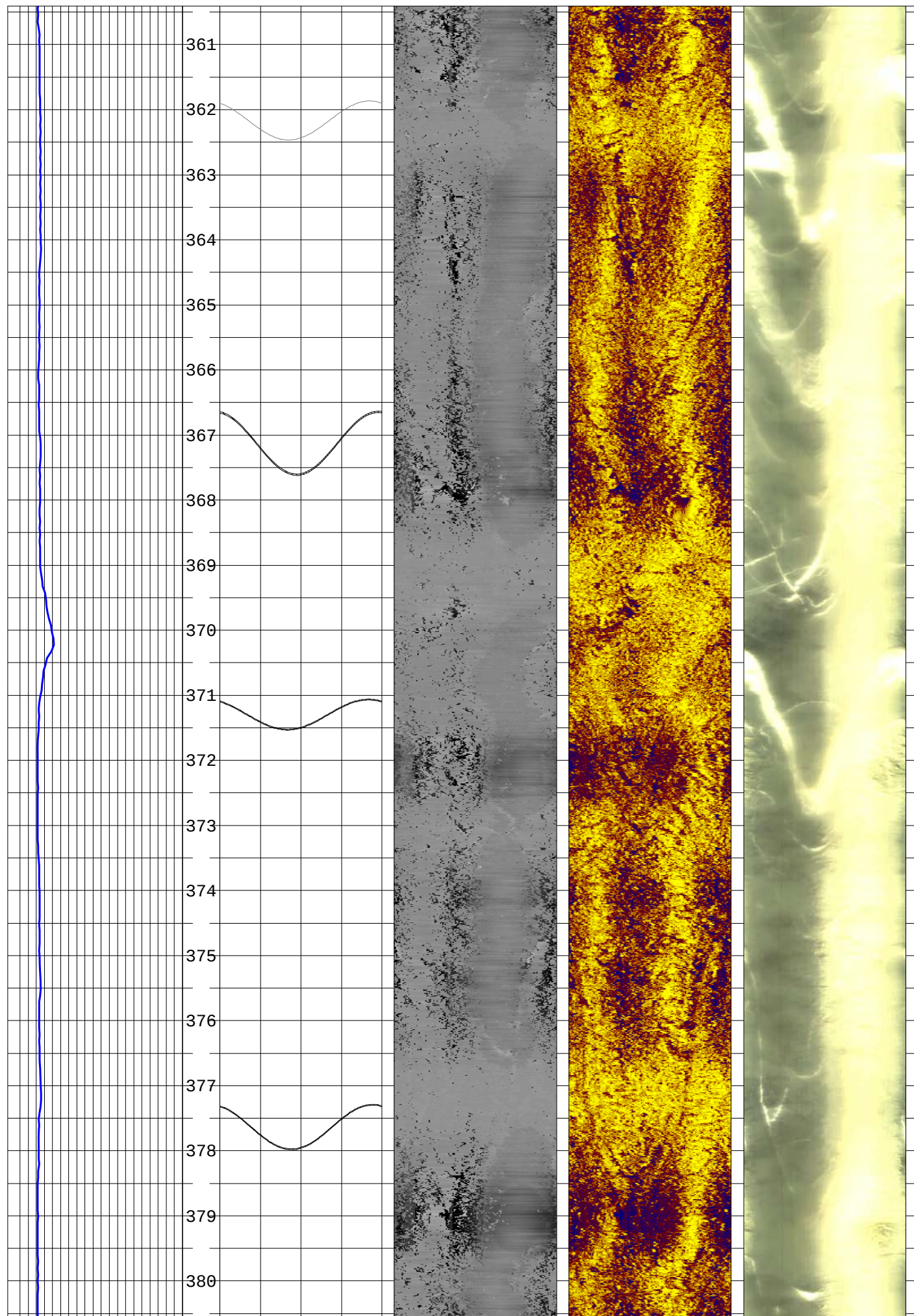












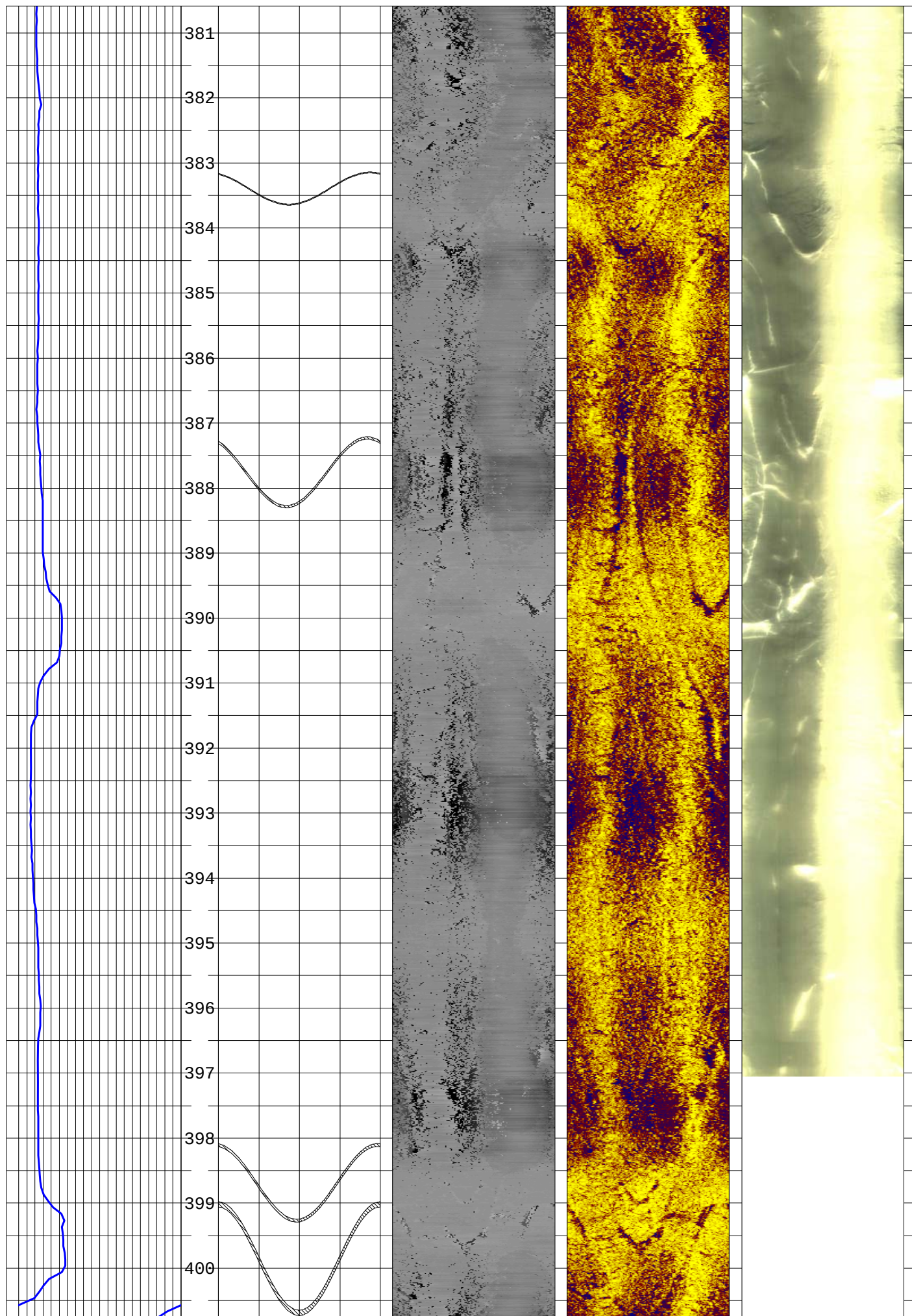
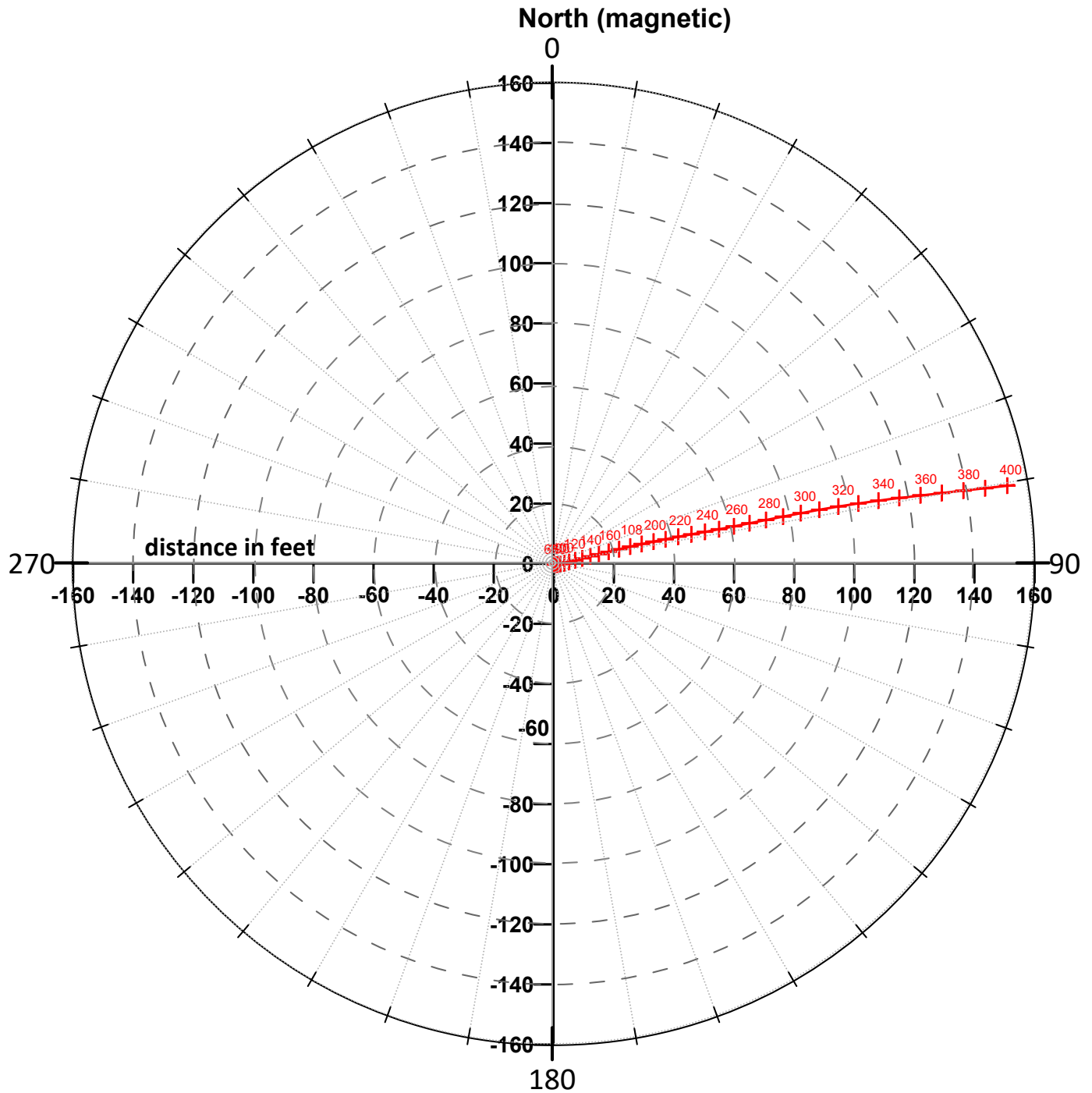


Plate A-5 Borehole Deviation
BW-05012
Former Loring AFB Site
Limestone, Maine



Distances in feet

20 = total length from surface

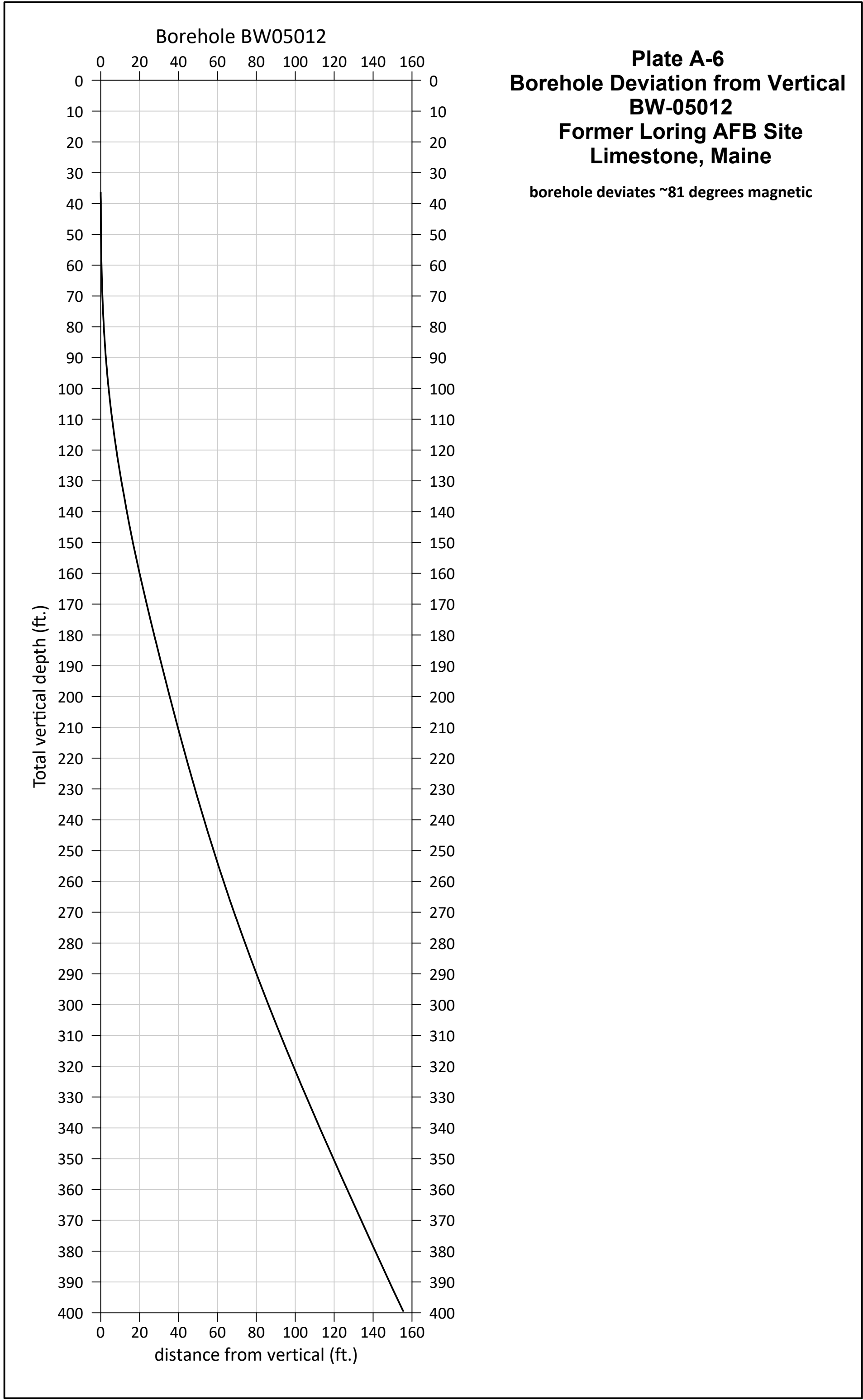


TABLE A-1 Planar features interpreted from acoustical and optical televiewers**Former Loring AFB Site - Limestone, Maine****June, 2024**

Declination: 16.2 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
BW05012	1	48.0	70	308	218	292	202	9	101
BW05012	2	48.1	58	159	69	143	53	17	101
BW05012	3	49.3	41	195	105	179	89	133	107
BW05012	4	50.1	21	275	185	259	169	109	107
BW05012	5	50.9	31	214	124	197	107	62	107
BW05012	6	52.5	63	189	99	173	83	17	101
BW05012	7	54.4	65	193	103	176	86	11	101
BW05012	8	54.6	66	20	290	4	274	4	101
BW05012	9	55.3	66	186	96	170	80	9	101
BW05012	10	56.6	64	185	95	169	79	7	101
BW05012	11	57.2	20	333	243	317	227	<1 mm	100
BW05012	12	58.0	63	177	87	161	71	<1 mm	100
BW05012	13	58.5	67	173	83	157	67	6	101
BW05012	14	60.2	73	176	86	160	70	7	101
BW05012	15	60.3	51	343	253	326	236	13	101
BW05012	16	61.9	64	338	248	322	232	5	101
BW05012	17	62.3	68	172	82	155	65	7	101
BW05012	18	63.2	66	173	83	157	67	<1 mm	100
BW05012	19	64.8	52	334	244	318	228	11	101
BW05012	20	65.4	40	354	264	338	248	<1 mm	100
BW05012	21	65.4	67	177	87	161	71	9	101
BW05012	22	67.8	45	346	256	330	240	10	101
BW05012	23	68.5	69	178	88	162	72	5	101
BW05012	24	69.0	46	351	261	335	245	10	101
BW05012	25	70.8	64	178	88	162	72	<1 mm	100
BW05012	26	71.8	64	182	92	166	76	<1 mm	100
BW05012	27	72.6	11	298	208	282	192	<1 mm	100
BW05012	28	74.8	31	190	100	174	84	<1 mm	100
BW05012	29	76.0	56	178	88	162	72	8	101
BW05012	30	78.0	59	177	87	161	71	10	101
BW05012	31	79.1	61	179	89	163	73	<1 mm	100
BW05012	32	82.7	67	163	73	147	57	<1 mm	100

TABLE A-1 Planar features interpreted from acoustical and optical televiewers**Former Loring AFB Site - Limestone, Maine****June, 2024**

Declination: 16.2 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
BW05012	33	84.4	68	164	74	148	58	6	101
BW05012	34	85.5	71	162	72	146	56	4	101
BW05012	35	87.1	31	74	344	57	327	<1 mm	100
BW05012	36	88.1	41	332	242	316	226	<1 mm	100
BW05012	37	89.8	67	164	74	148	58	<1 mm	100
BW05012	38	90.0	31	133	43	117	27	16	101
BW05012	39	92.7	62	167	77	151	61	<1 mm	100
BW05012	40	94.2	56	187	97	171	81	<1 mm	100
BW05012	41	95.7	59	165	75	149	59	10	101
BW05012	42	100.2	65	166	76	150	60	5	101
BW05012	43	101.9	52	2	272	346	256	5	101
BW05012	44	102.7	69	175	85	159	69	4	101
BW05012	45	104.9	70	174	84	158	68	<1 mm	100
BW05012	46	105.9	46	19	289	3	273	5	101
BW05012	47	106.4	46	0	270	344	254	6	101
BW05012	48	108.7	46	21	291	5	275	6	101
BW05012	49	110.4	73	165	75	148	58	4	101
BW05012	50	111.9	36	264	174	248	158	<1 mm	100
BW05012	51	112.6	31	348	258	332	242	6	101
BW05012	52	116.3	19	62	332	46	316	<1 mm	100
BW05012	53	117.7	77	162	72	145	55	6	101
BW05012	54	119.1	69	164	74	148	58	5	101
BW05012	55	121.1	69	158	68	142	52	<1 mm	100
BW05012	56	123.1	68	169	79	152	62	7	101
BW05012	57	126.7	65	173	83	157	67	<1 mm	100
BW05012	58	128.8	62	165	75	149	59	5	101
BW05012	59	129.3	61	168	78	152	62	9	101
BW05012	60	132.2	67	153	63	136	46	<1 mm	100
BW05012	61	135.9	62	159	69	143	53	<1 mm	100
BW05012	62	139.1	79	175	85	159	69	<1 mm	100
BW05012	63	140.4	41	13	283	357	267	9	101
BW05012	64	148.9	68	166	76	150	60	<1 mm	100

TABLE A-1 Planar features interpreted from acoustical and optical televiewers**Former Loring AFB Site - Limestone, Maine****June, 2024**

Declination: 16.2 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
BW05012	65	150.6	69	154	64	138	48	<1 mm	100
BW05012	66	154.5	77	151	61	134	44	<1 mm	100
BW05012	67	157.2	71	161	71	145	55	<1 mm	100
BW05012	68	159.7	75	160	70	144	54	4	101
BW05012	69	161.9	76	160	70	144	54	<1 mm	100
BW05012	70	166.9	66	168	78	151	61	<1 mm	100
BW05012	71	170.6	66	179	89	163	73	<1 mm	100
BW05012	72	172.2	65	175	85	159	69	4	101
BW05012	73	173.5	76	177	87	161	71	5	101
BW05012	74	176.7	55	173	83	157	67	<1 mm	100
BW05012	75	181.5	68	176	86	160	70	<1 mm	100
BW05012	76	182.4	18	80	350	64	334	<1 mm	100
BW05012	77	183.9	71	179	89	162	72	<1 mm	100
BW05012	78	185.4	22	267	177	251	161	<1 mm	100
BW05012	79	188.1	52	185	95	169	79	<1 mm	100
BW05012	80	192.0	67	191	101	175	85	<1 mm	100
BW05012	81	197.3	64	356	266	339	249	<1 mm	100
BW05012	82	197.3	85	182	92	166	76	<1 mm	100
BW05012	83	199.1	85	169	79	153	63	<1 mm	100
BW05012	84	199.1	87	179	89	163	73	<1 mm	100
BW05012	85	201.9	28	166	76	150	60	<1 mm	100
BW05012	86	205.7	80	167	77	151	61	4	101
BW05012	87	207.7	79	170	80	154	64	<1 mm	100
BW05012	88	212.8	45	358	268	342	252	<1 mm	100
BW05012	89	213.2	59	167	77	151	61	<1 mm	100
BW05012	90	215.4	65	155	65	138	48	2	101
BW05012	91	218.3	63	168	78	152	62	3	101
BW05012	92	219.4	78	177	87	161	71	3	101
BW05012	93	220.9	27	342	252	326	236	<1 mm	100
BW05012	94	224.5	18	66	336	50	320	<1 mm	100
BW05012	95	225.0	52	14	284	358	268	7	101
BW05012	96	226.0	72	178	88	162	72	11	101

TABLE A-1 Planar features interpreted from acoustical and optical televiewers**Former Loring AFB Site - Limestone, Maine****June, 2024**

Declination: 16.2 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
BW05012	97	227.9	59	181	91	165	75	<1 mm	100
BW05012	98	229.3	53	182	92	165	75	<1 mm	100
BW05012	99	232.2	42	15	285	359	269	12	101
BW05012	100	234.3	59	179	89	163	73	<1 mm	100
BW05012	101	236.8	21	87	357	70	340	<1 mm	100
BW05012	102	238.1	74	160	70	144	54	<1 mm	100
BW05012	103	239.8	55	329	239	313	223	<1 mm	100
BW05012	104	240.5	64	149	59	133	43	<1 mm	100
BW05012	105	243.0	74	151	61	135	45	3	101
BW05012	106	243.0	33	38	308	22	292	8	101
BW05012	107	248.8	65	166	76	150	60	4	101
BW05012	108	252.0	64	173	83	157	67	<1 mm	100
BW05012	109	253.7	69	77	347	61	331	<1 mm	100
BW05012	110	254.2	59	174	84	158	68	<1 mm	100
BW05012	111	258.0	63	185	95	169	79	<1 mm	100
BW05012	112	261.9	63	179	89	162	72	<1 mm	100
BW05012	113	265.7	70	166	76	149	59	<1 mm	100
BW05012	114	268.2	29	41	311	25	295	<1 mm	100
BW05012	115	269.3	72	162	72	145	55	3	101
BW05012	116	272.2	72	164	74	148	58	<1 mm	100
BW05012	117	276.7	68	149	59	133	43	<1 mm	100
BW05012	118	280.9	53	165	75	149	59	<1 mm	100
BW05012	119	284.6	61	163	73	147	57	<1 mm	100
BW05012	120	285.5	36	106	16	90	360	3	101
BW05012	121	286.4	58	175	85	159	69	<1 mm	100
BW05012	122	288.6	63	182	92	166	76	5	101
BW05012	123	291.8	68	166	76	150	60	<1 mm	100
BW05012	124	294.1	77	169	79	153	63	3	101
BW05012	125	299.2	43	108	18	92	2	<1 mm	100
BW05012	126	302.8	75	165	75	149	59	2	101
BW05012	127	307.4	67	171	81	155	65	<1 mm	100
BW05012	128	311.8	15	55	325	39	309	8	101

TABLE A-1 Planar features interpreted from acoustical and optical televiewers

Former Loring AFB Site - Limestone, Maine

June, 2024

Declination: 16.2 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
BW05012	129	312.2	60	185	95	169	79	<1 mm	100
BW05012	130	315.8	62	171	81	155	65	2	101
BW05012	131	317.6	65	158	68	142	52	<1 mm	100
BW05012	132	324.0	34	72	342	56	326	<1 mm	100
BW05012	133	327.7	68	159	69	143	53	<1 mm	100
BW05012	134	333.6	62	167	77	151	61	<1 mm	100
BW05012	135	337.3	58	161	71	145	55	4	101
BW05012	136	342.3	40	146	56	129	39	<1 mm	100
BW05012	137	344.7	31	90	0	74	344	<1 mm	100
BW05012	138	349.3	21	73	343	56	326	<1 mm	100
BW05012	139	351.8	69	173	83	157	67	<1 mm	100
BW05012	140	358.4	58	163	73	147	57	3	101
BW05012	141	360.1	26	73	343	56	326	5	101
BW05012	142	362.2	61	153	63	137	47	<1 mm	100
BW05012	143	367.1	71	171	81	155	65	3	101
BW05012	144	371.3	54	150	60	134	44	2	101
BW05012	145	377.6	64	159	69	143	53	2	101
BW05012	146	383.4	56	157	67	141	51	3	101
BW05012	147	387.8	72	151	61	135	45	3	101
BW05012	148	398.7	74	174	84	158	68	3	101
BW05012	149	399.9	77	180	90	163	73	6	101

Explanation:

Category 100 = planar feature (possible fracture, joint, foliation, bedding, etc.) aperture less than 1 mm

Category 101 = planar feature (possible fracture, joint, foliation, bedding, etc.) aperture > 1 mm

Category 107 = Likely water bearing feature

Category 108 = Possible water bearing fracture

PLATE B-1
Borehole Geophysical Log
BW05014
Limestone, Maine

Date logged: 06/26/24

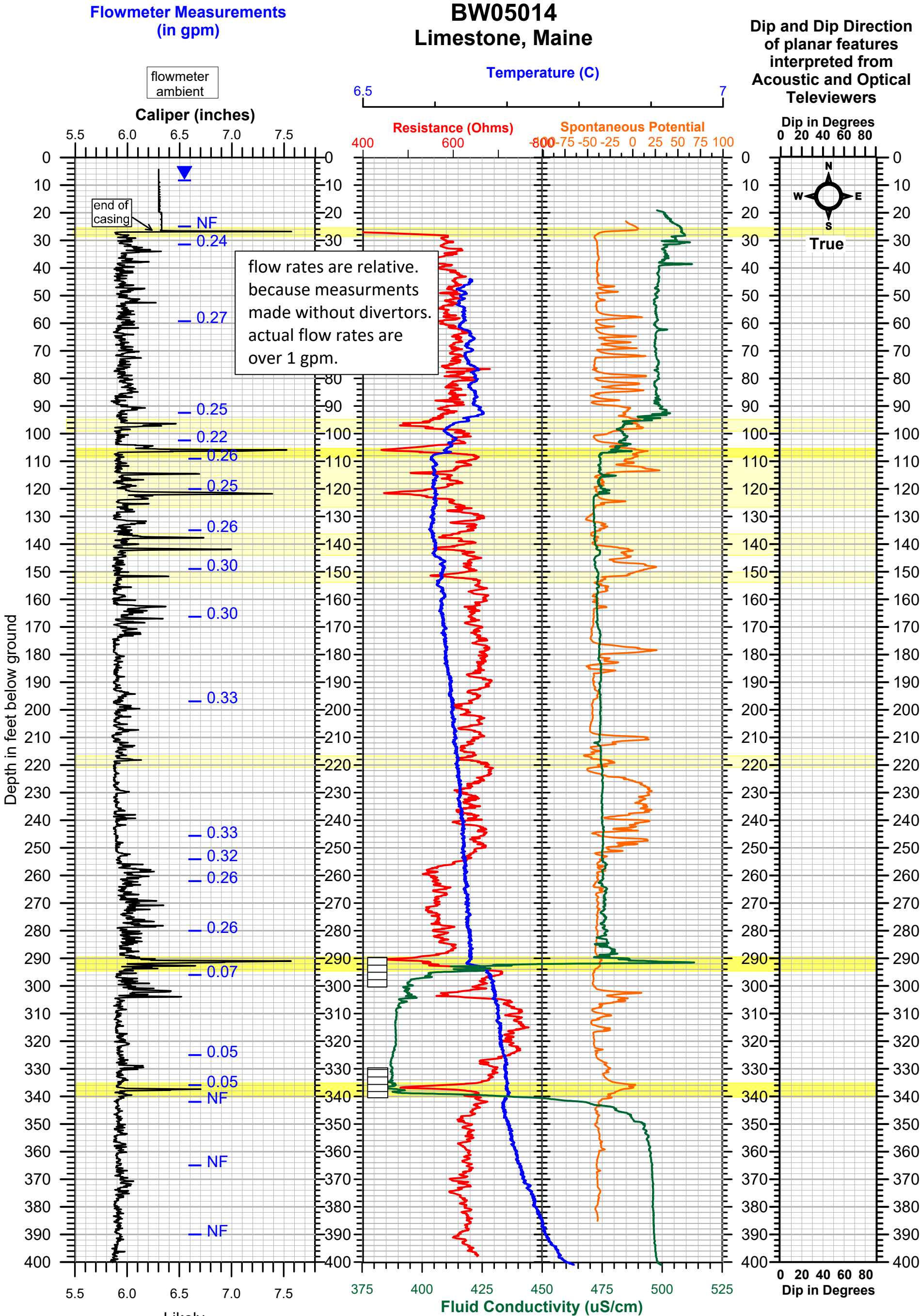


PLATE B-1
Borehole Geophysical Log
BW05014
Limestone, Maine

Tadpole tail indicates dip direction.
The solid tadpoles with a feature number are the ones interpreted to be likely or possibly transmissive.

BW05014/D
Former Loring AFB
Limestone, ME

PLATE B-2

Strike and Dip Direction
of all features

Based on 153 measurements in
BW05014/D borehole

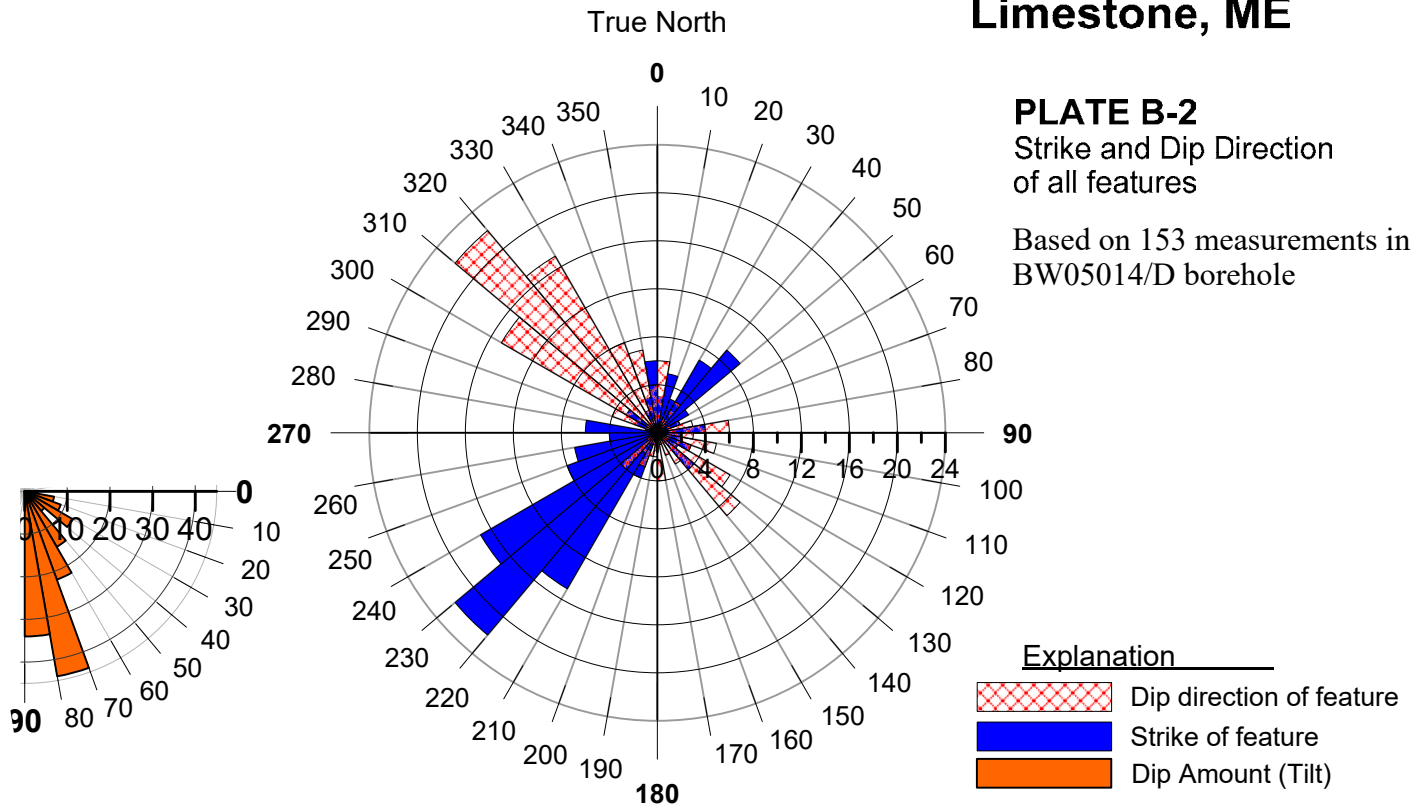
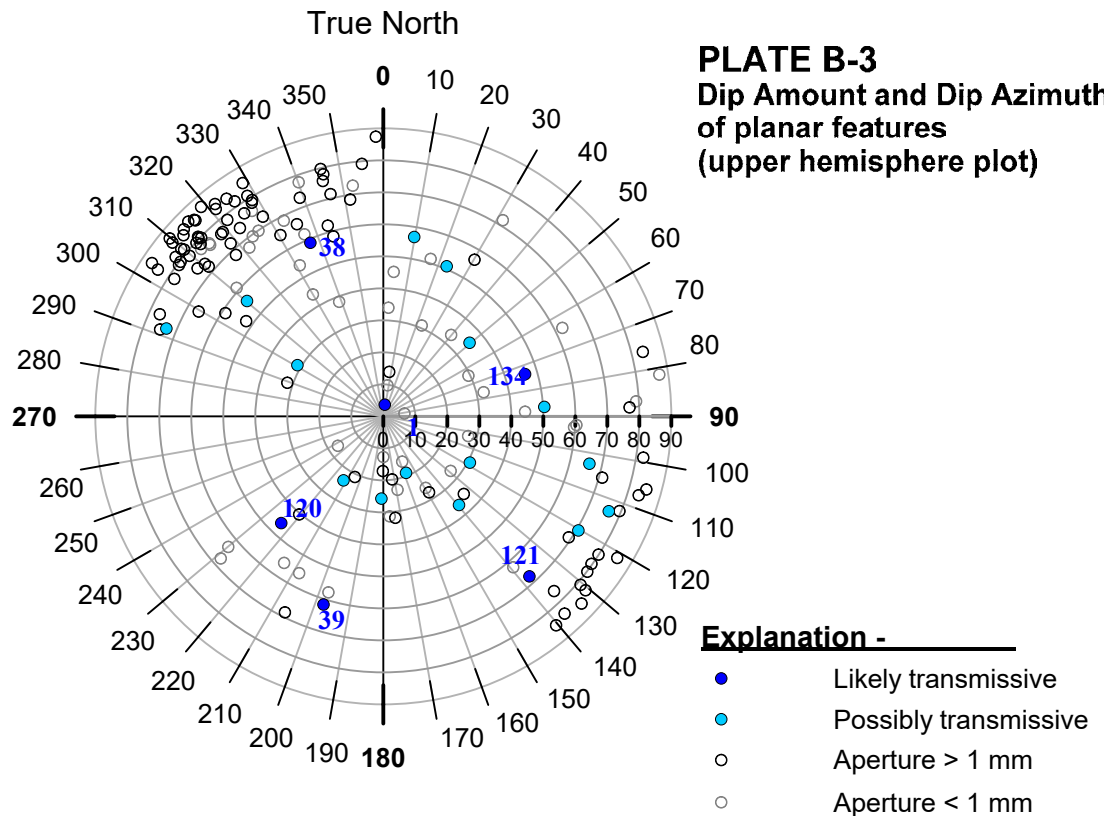


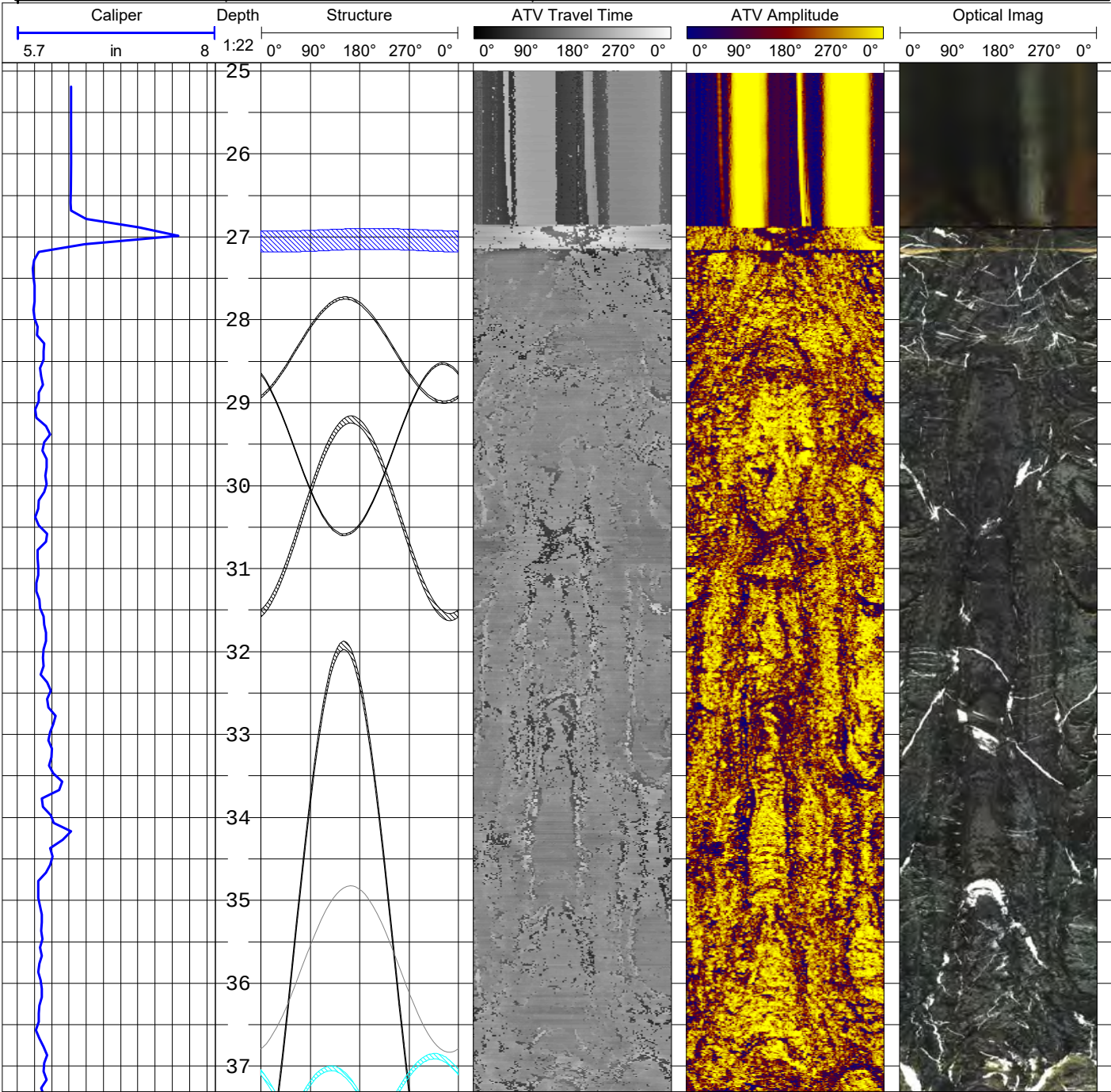
PLATE B-3

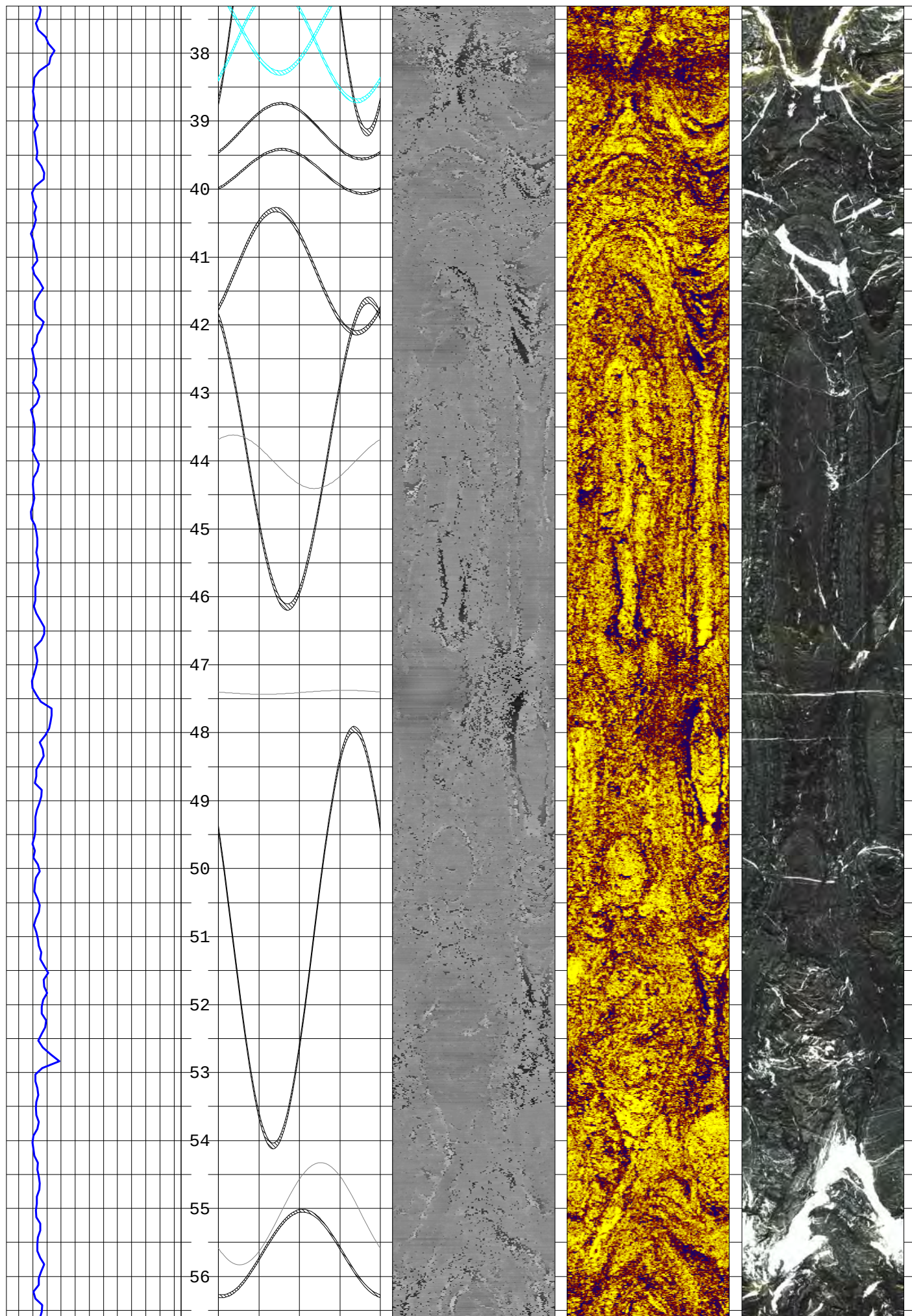
Dip Amount and Dip Azimuth
of planar features
(upper hemisphere plot)

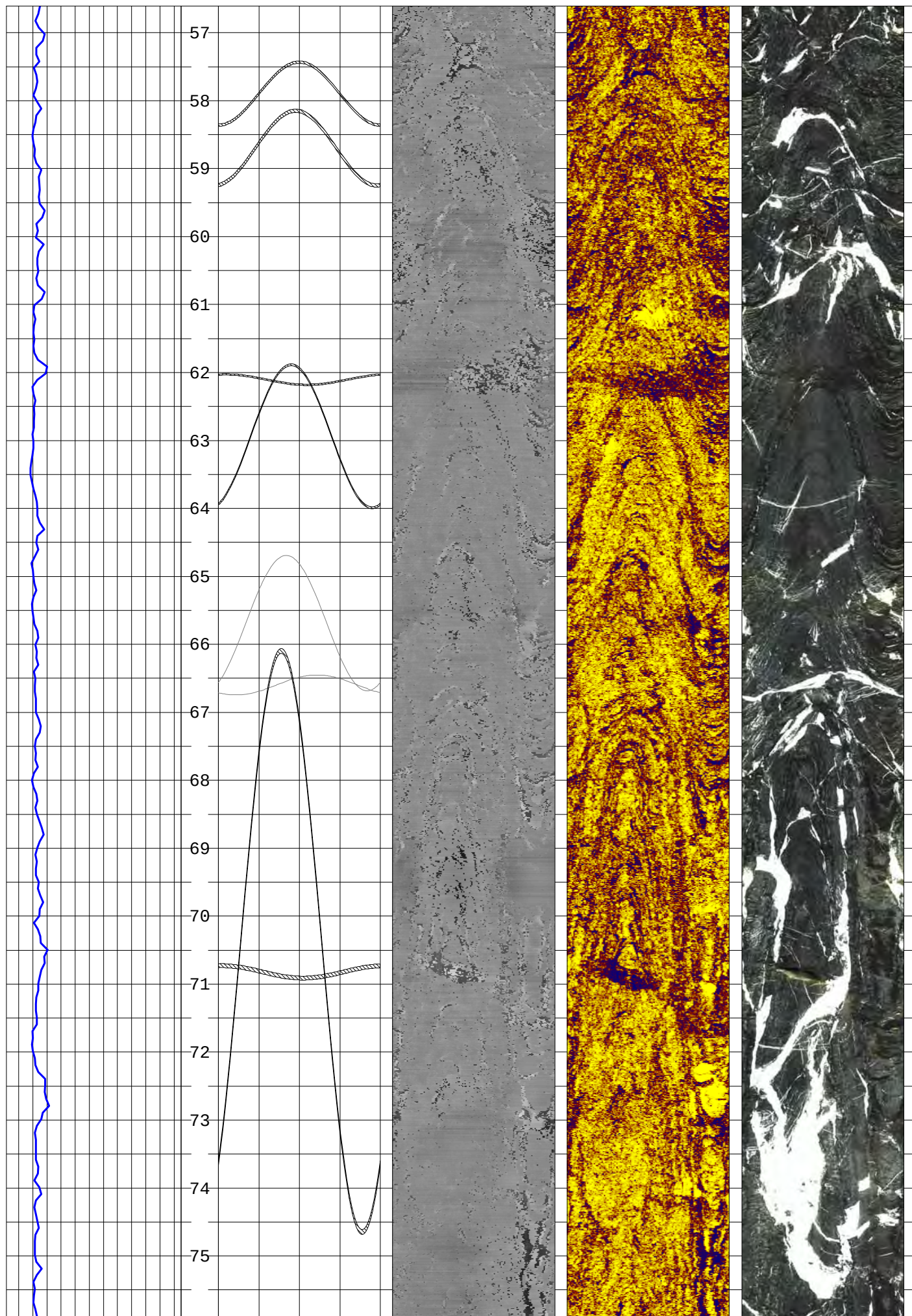


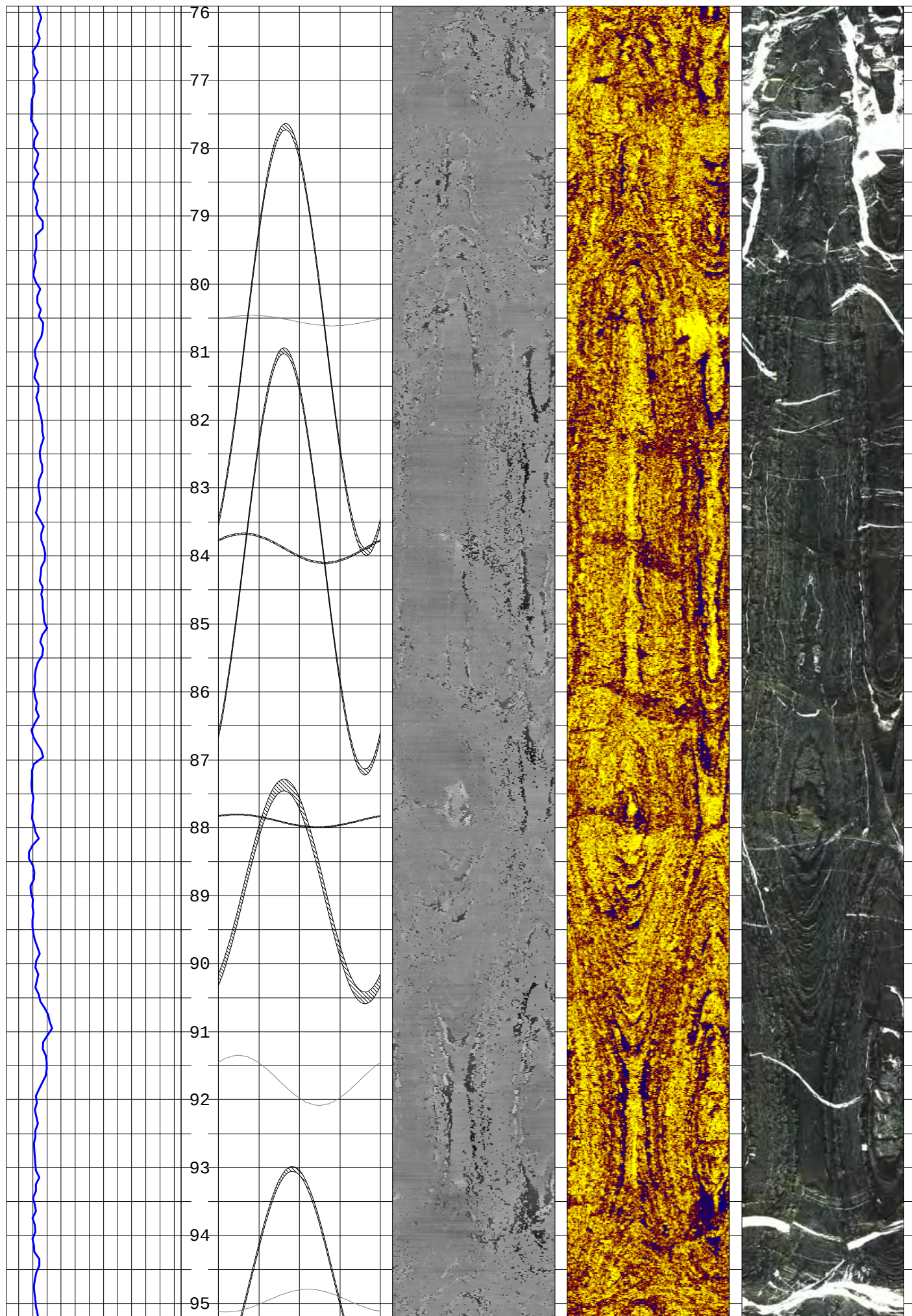
Declination: 16.2 degrees west

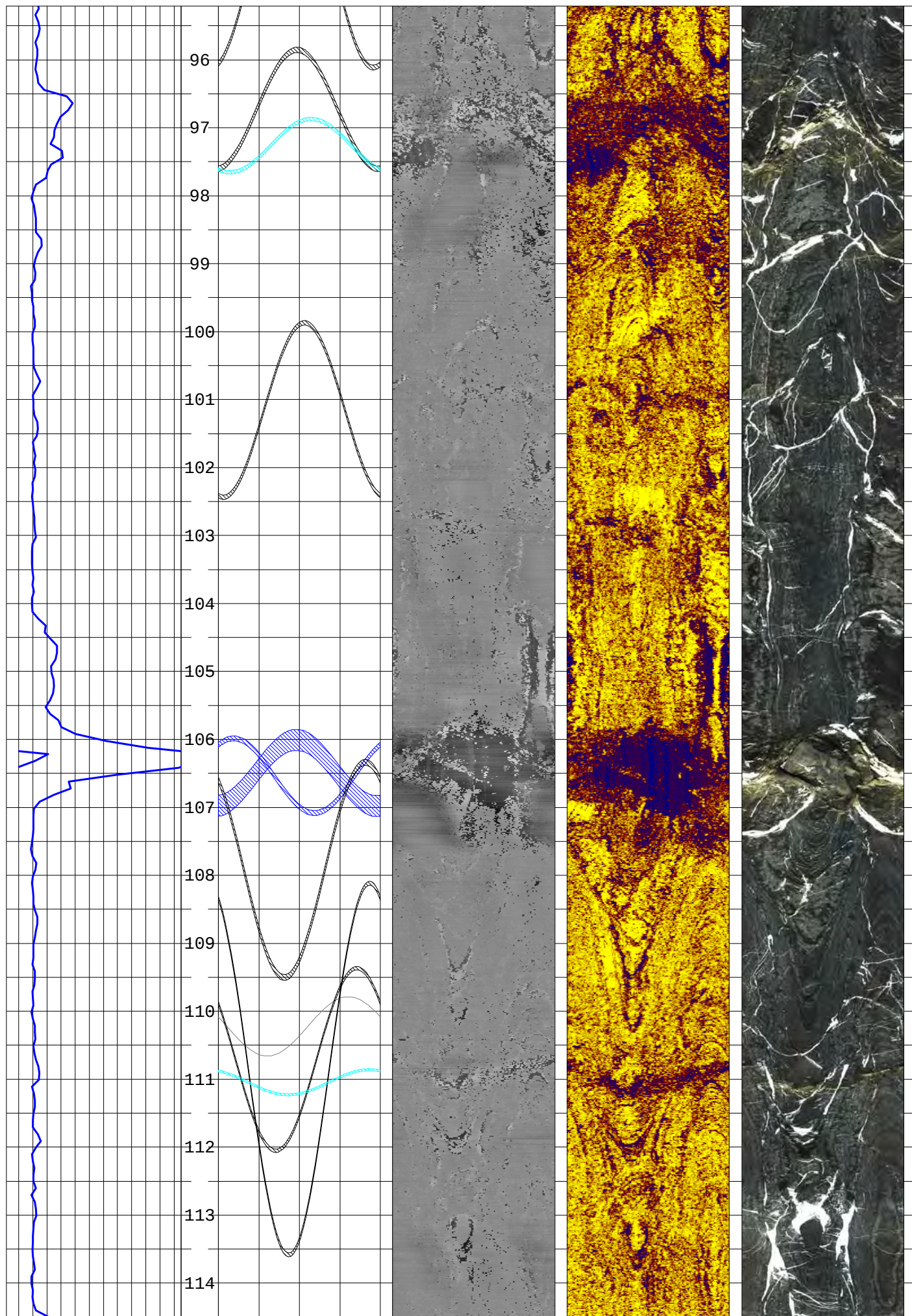
Northeast Geophysical Services 4 Union Street Bangor, Maine 04401 Tel. 207-942-2700 email: ngsinc@negeophysical.com		Log: Plate B-4 Televiwer & Caliper Logs
		Well: BW05014
		Site: Former Loring AFB
Date:	06/26/24	Location: Limestone, Maine
Casing Depth	26.8 ft	For: WSP
Casing Type:	6 in steel	Logged by: R Rawcliffe
Boring Depth:	401.1 ft	Orientation: magnetic north
Meas. From:	top of casing	Structure Plots: black = planar features (faults, foliation, bedding, joints, etc) light blue = possibly transmissive fracture dark blue = likely transmissive fracture
Stickup:	0.1 ft	
Water Level:	8.31 ft	

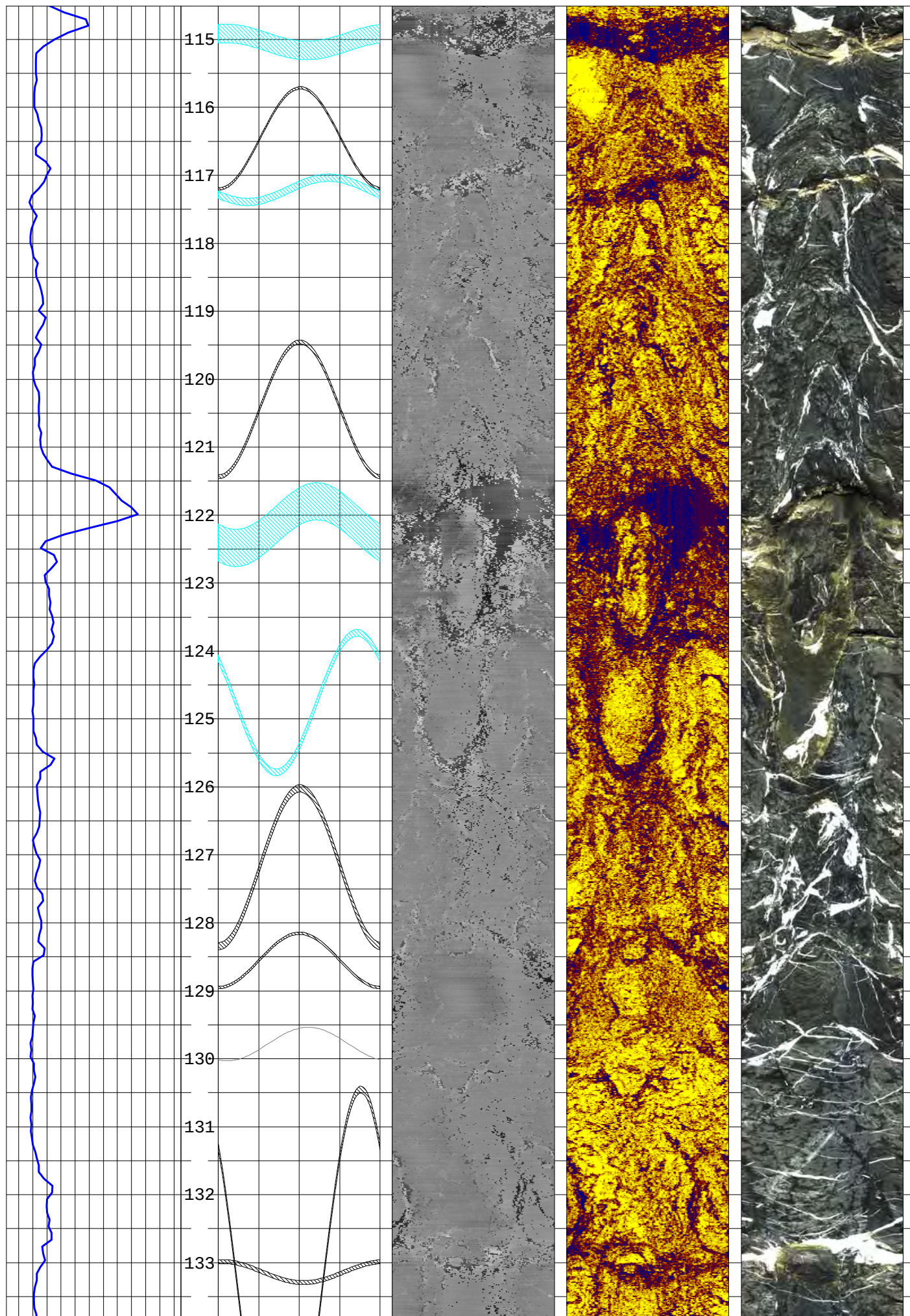


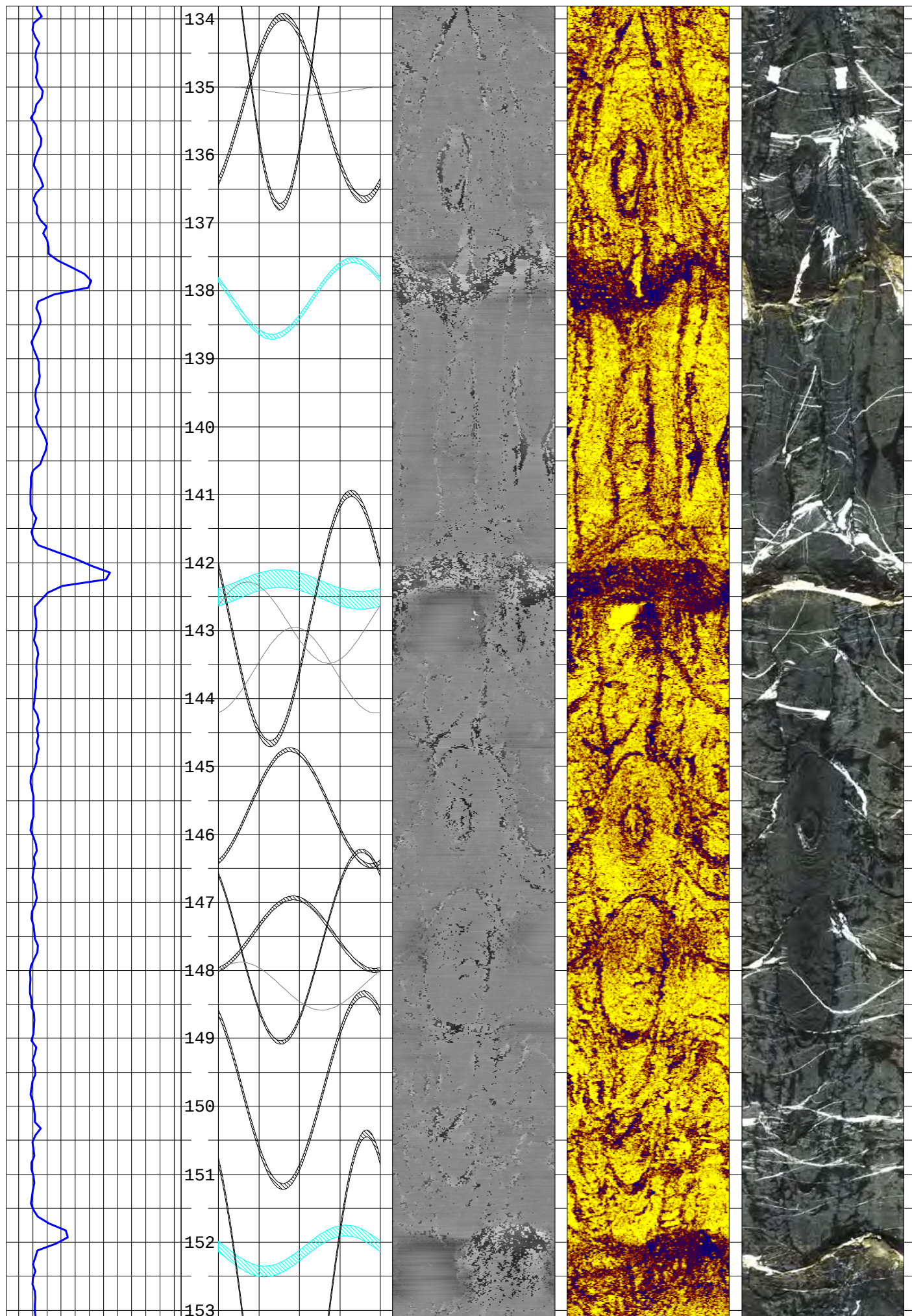


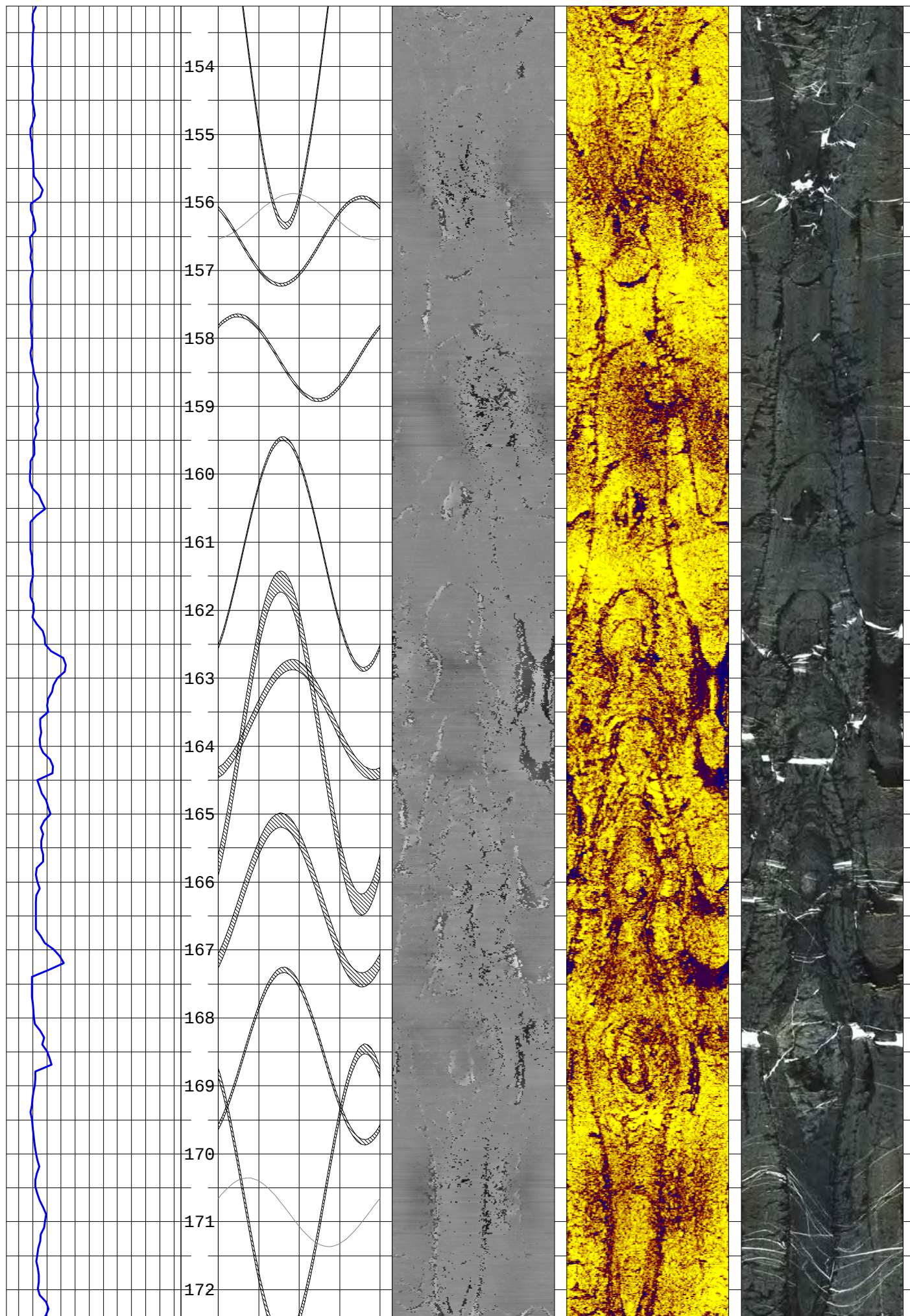


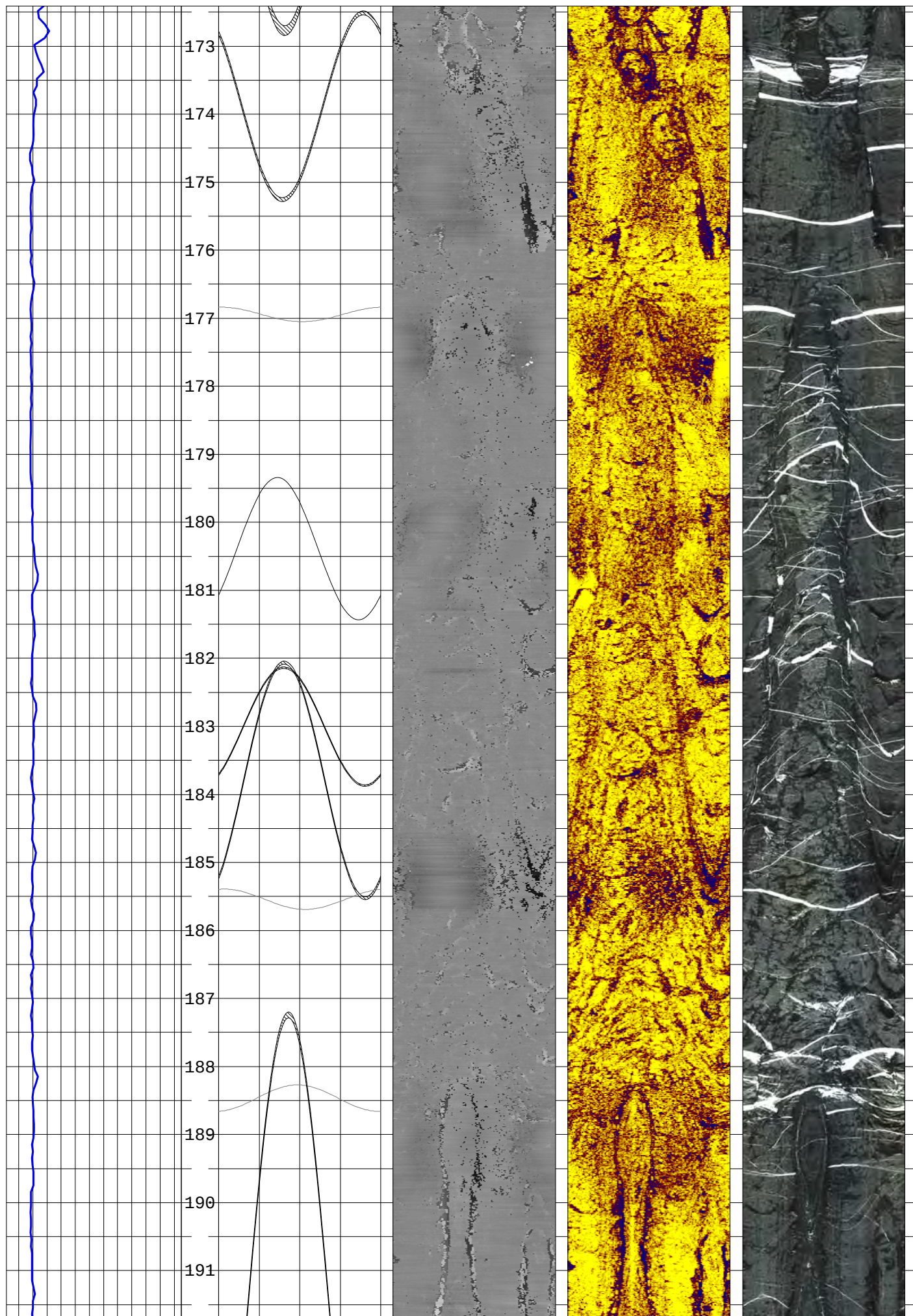


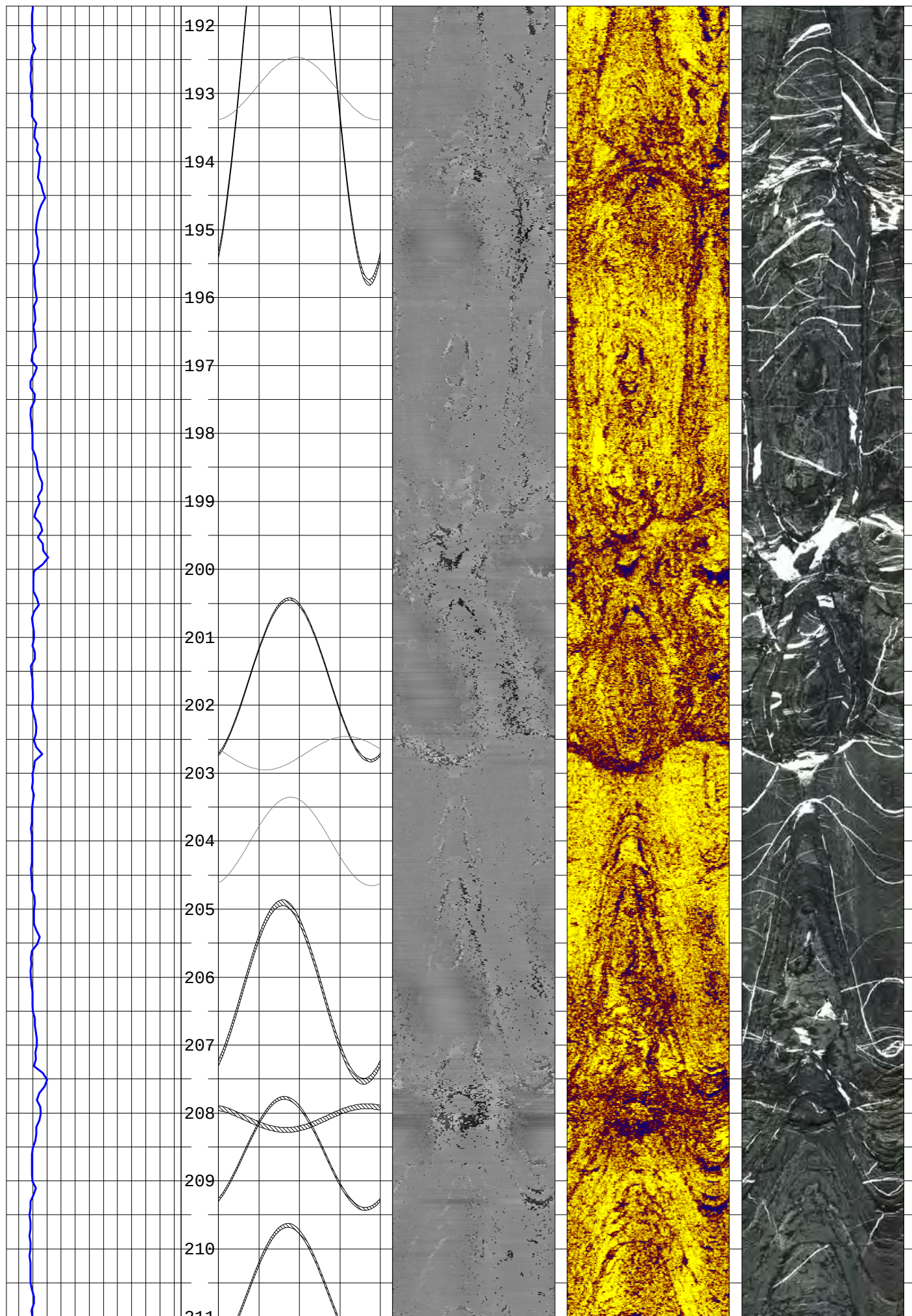


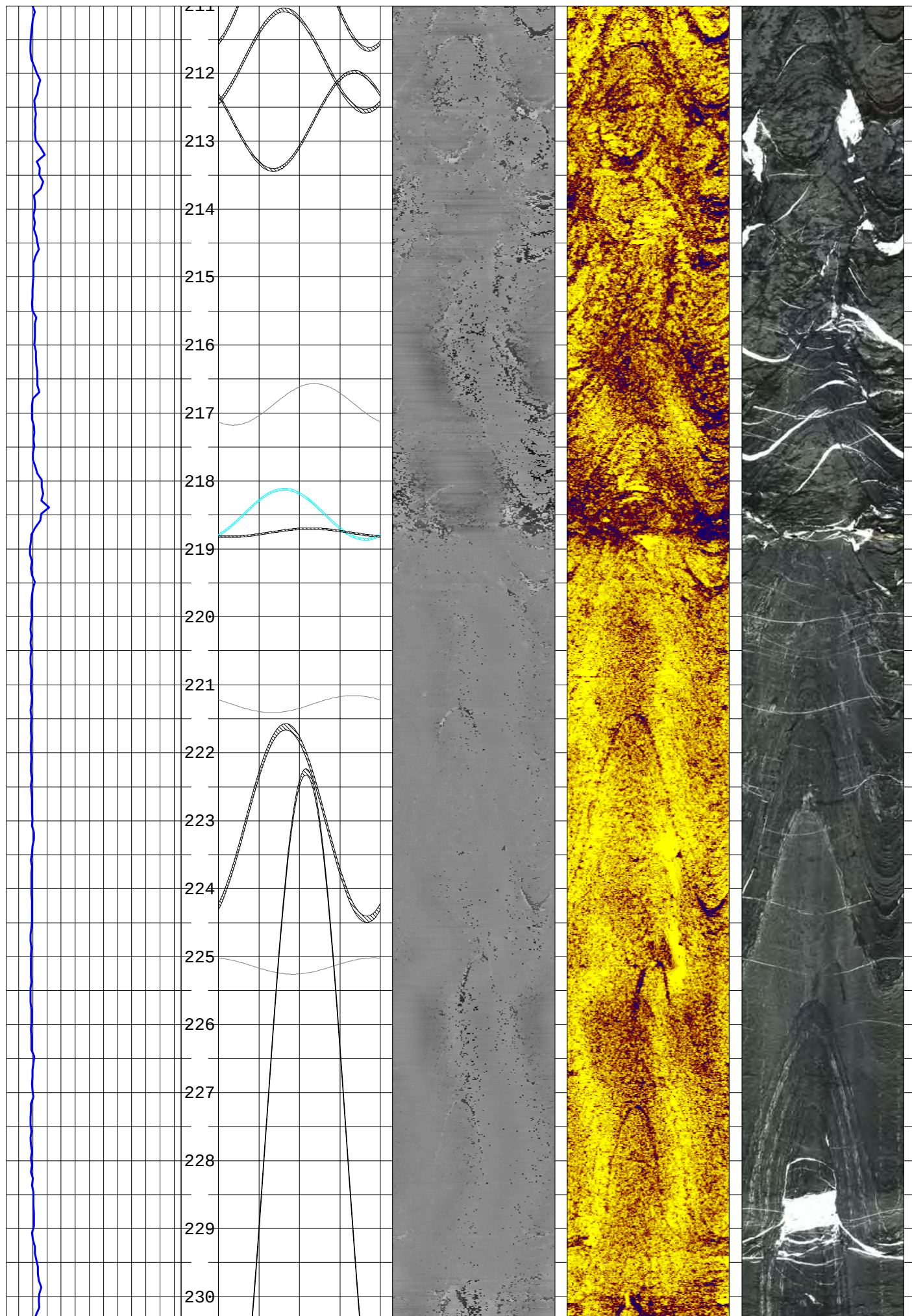


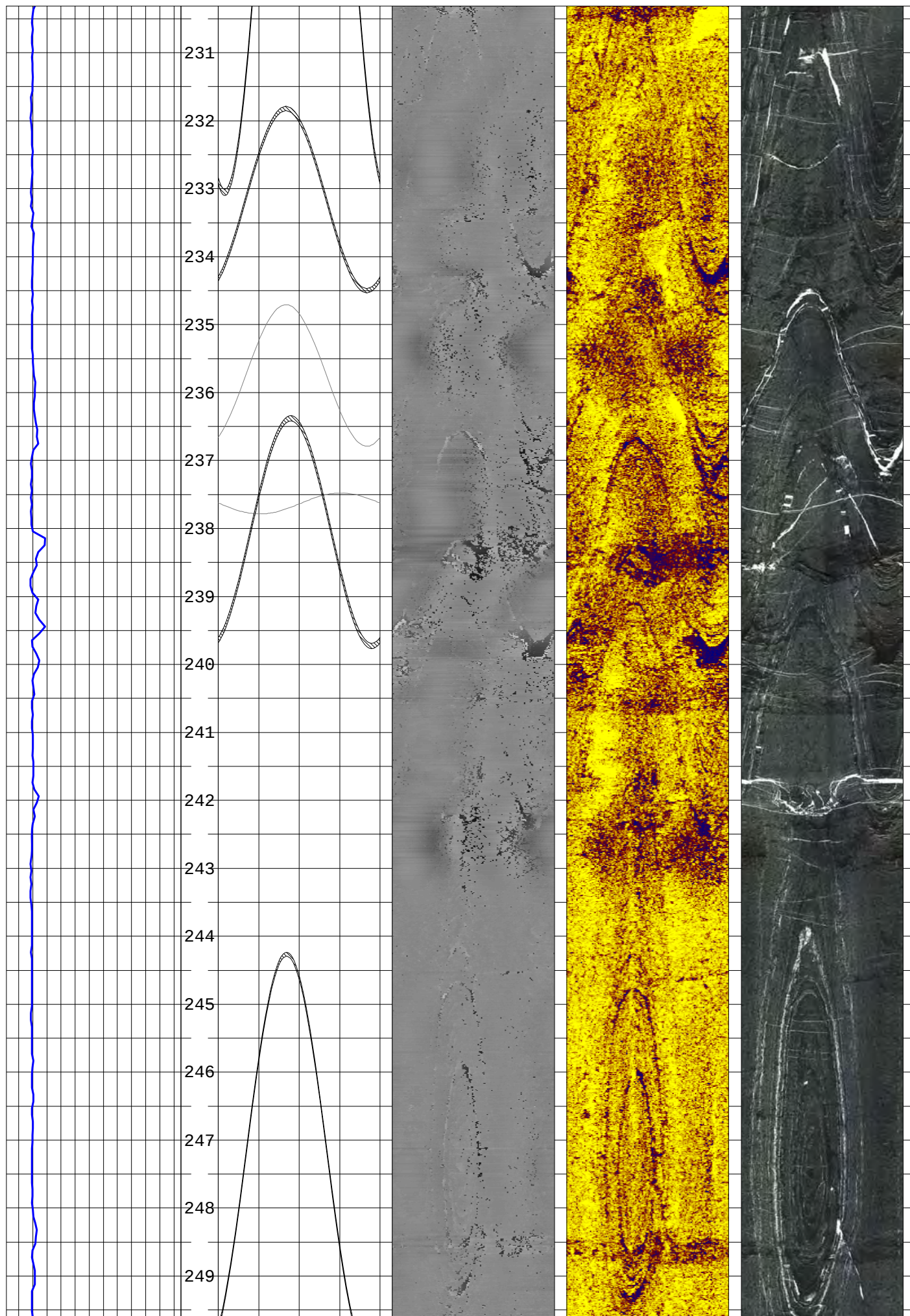


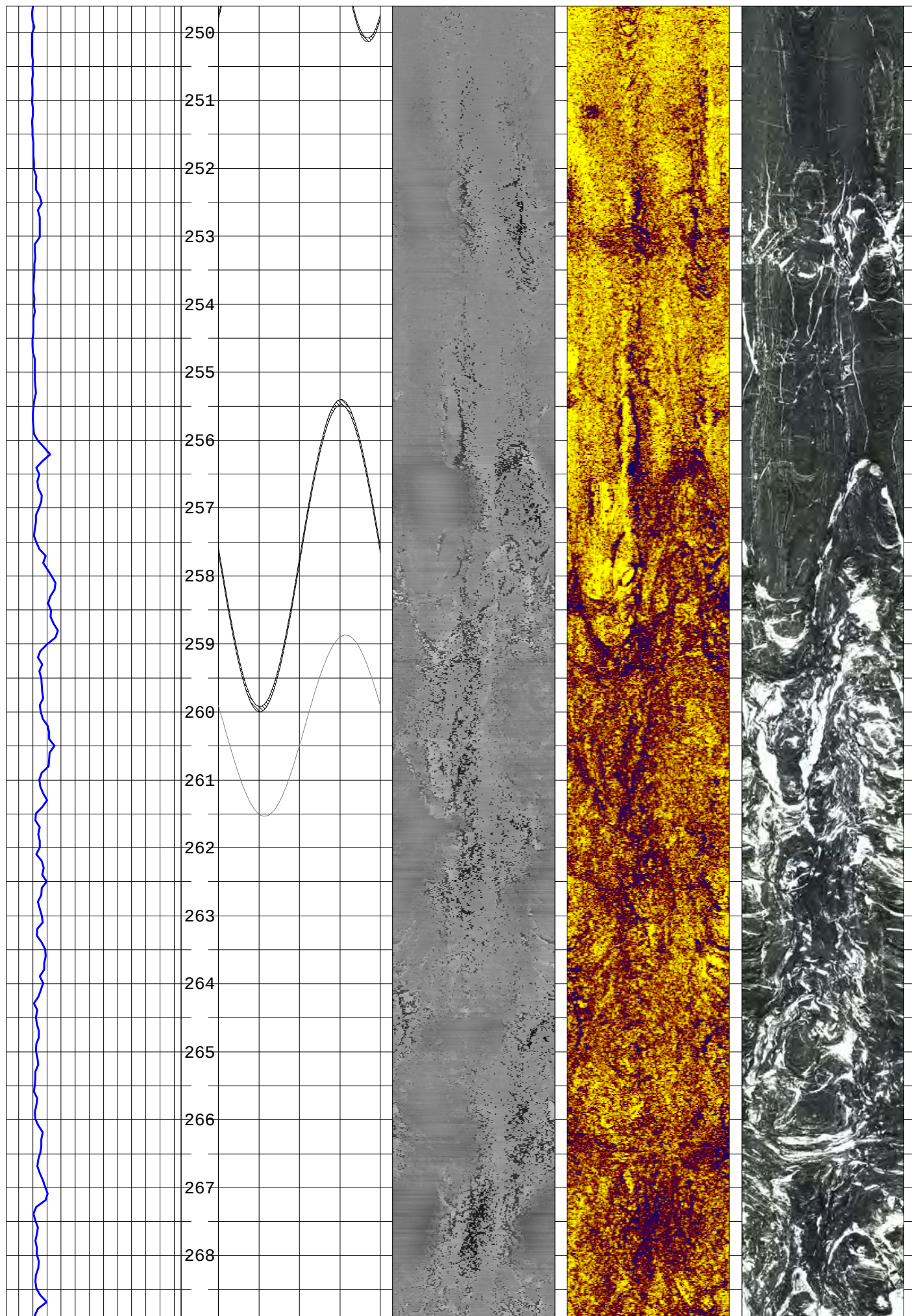


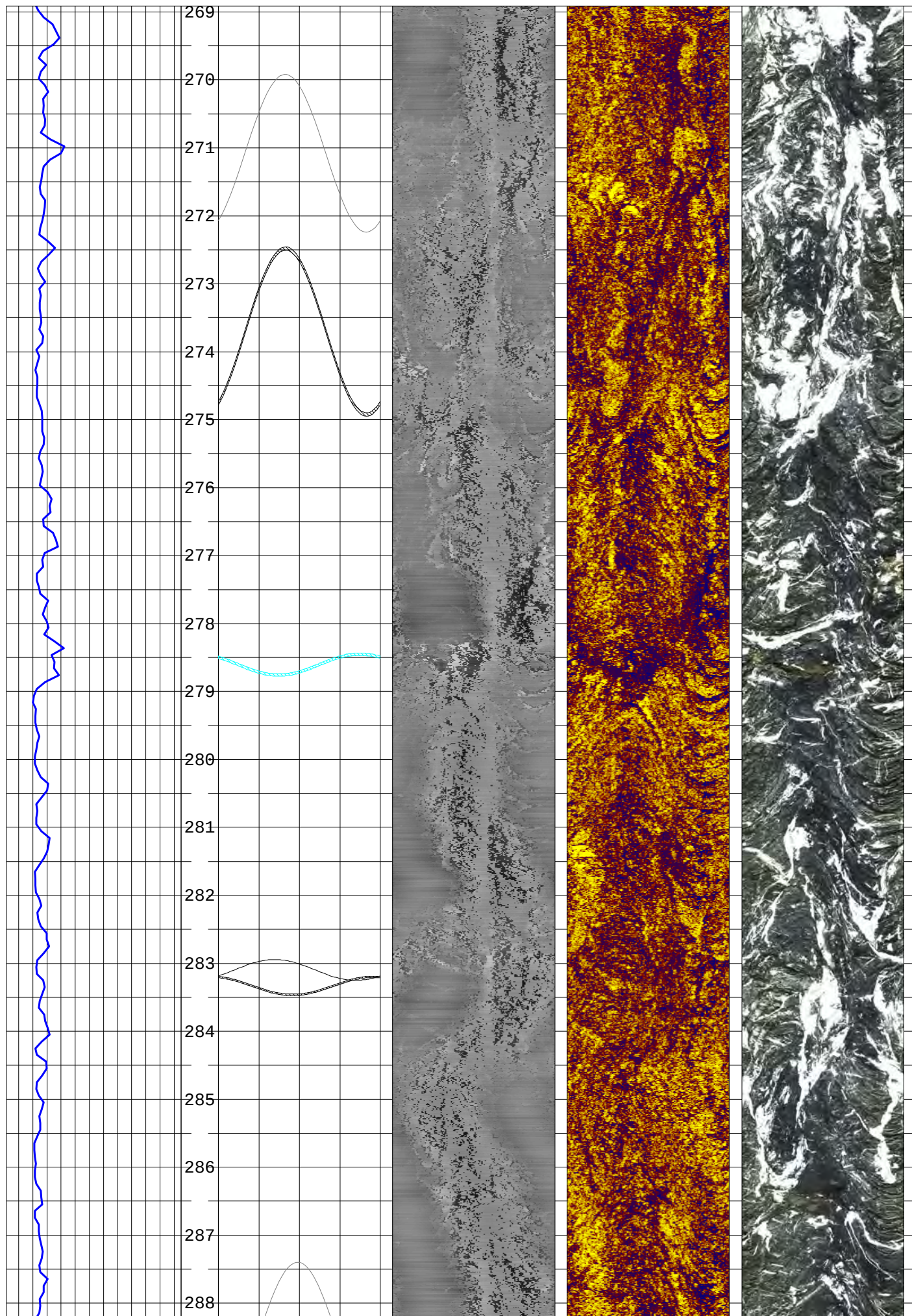


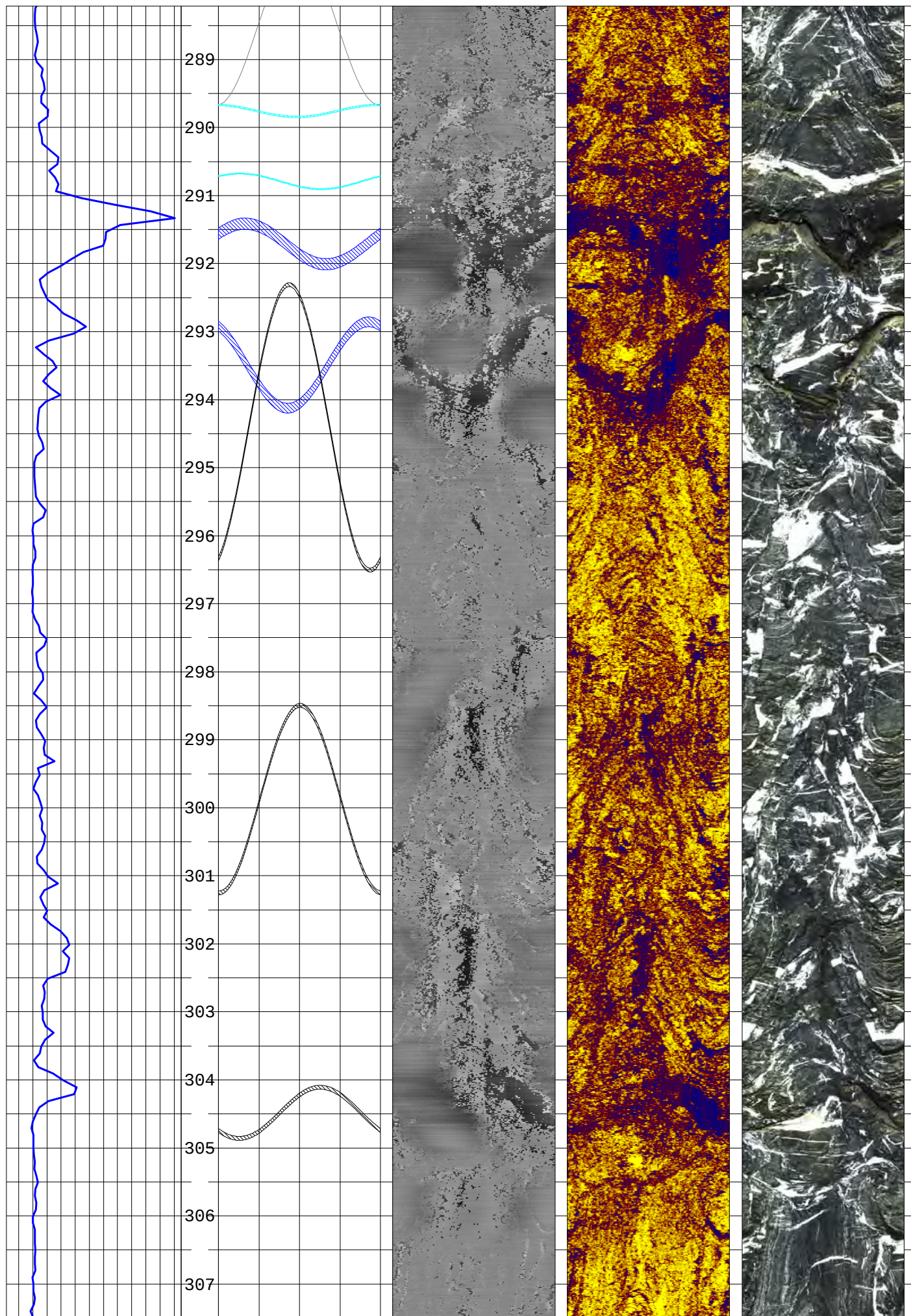


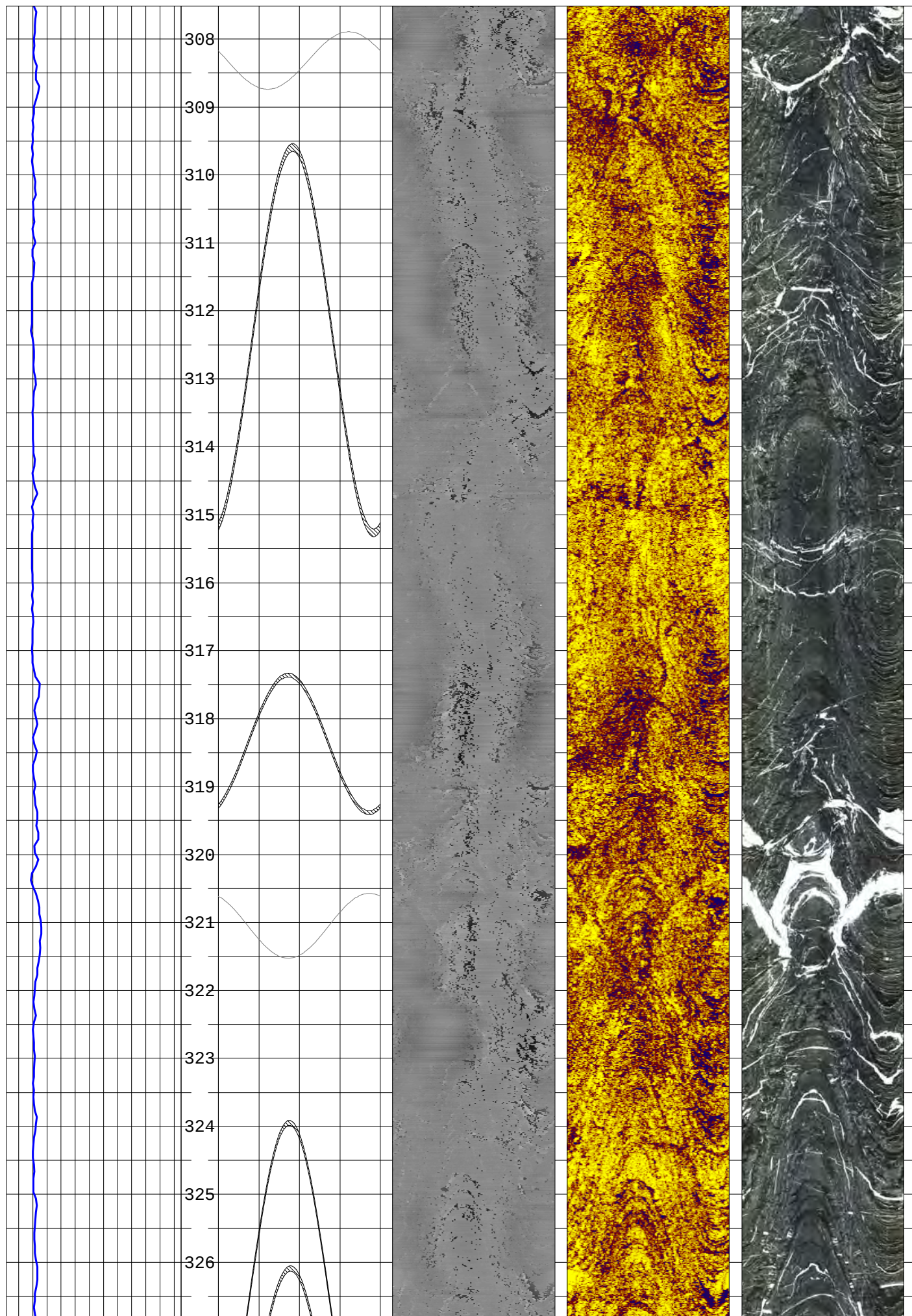


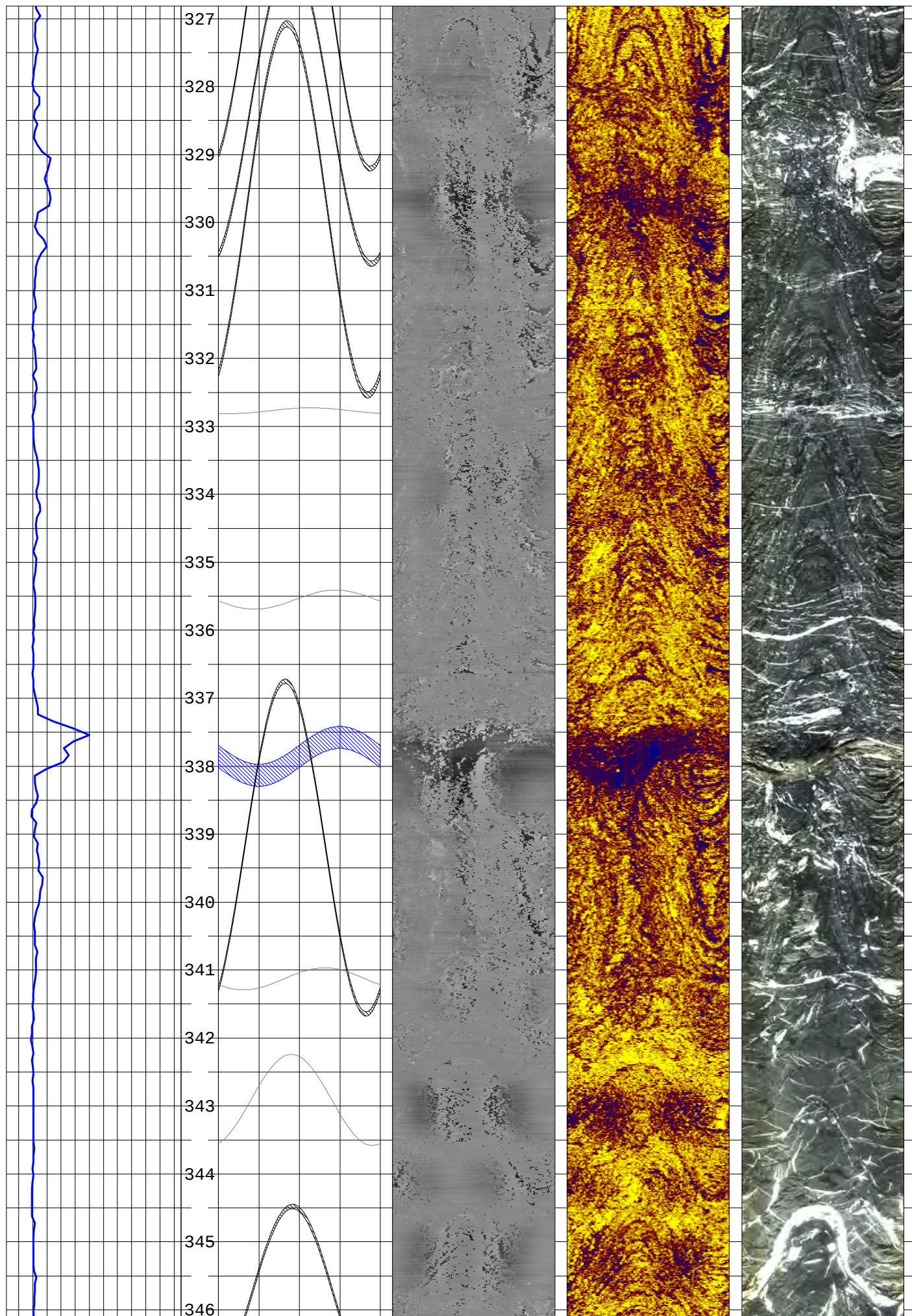


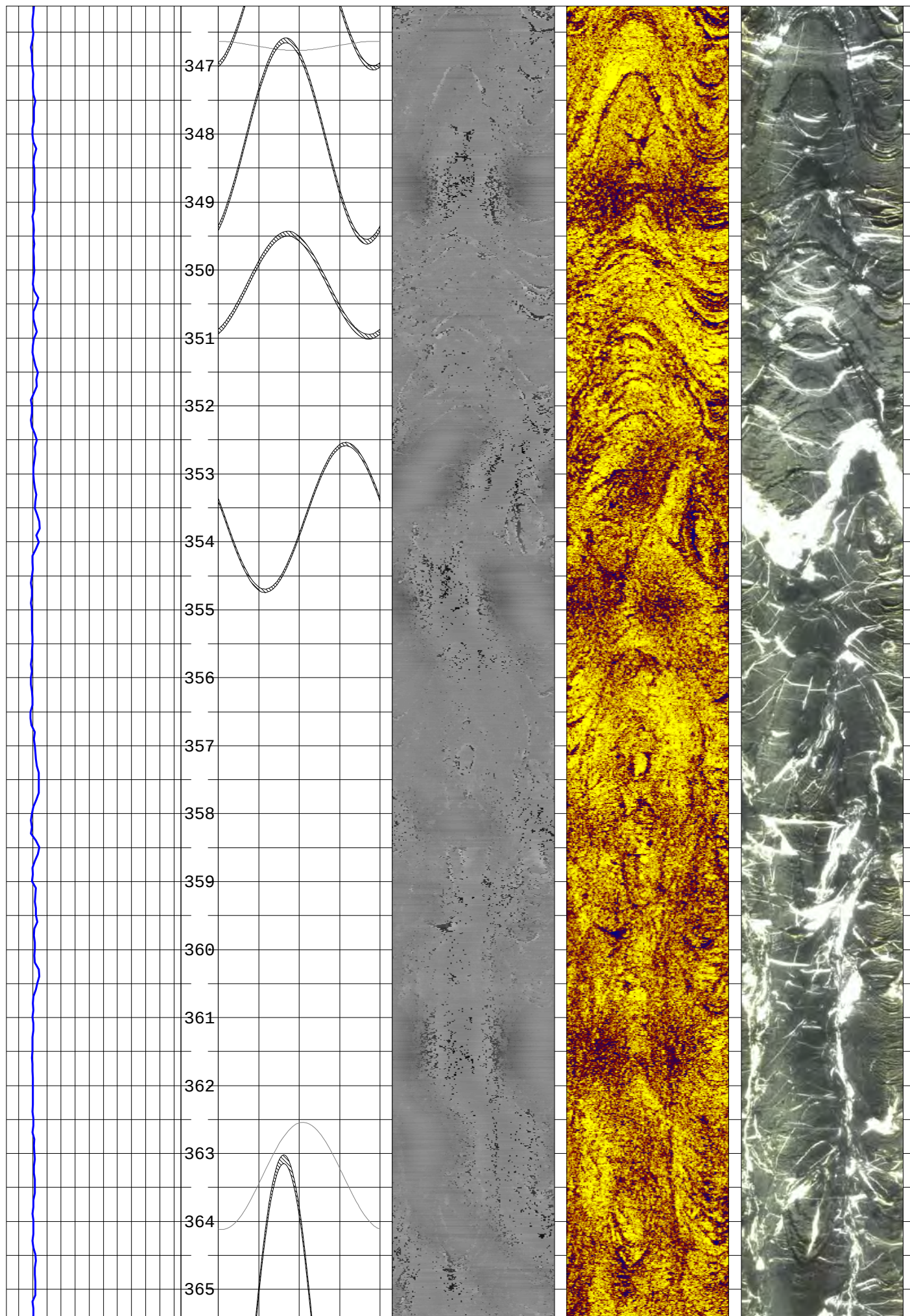


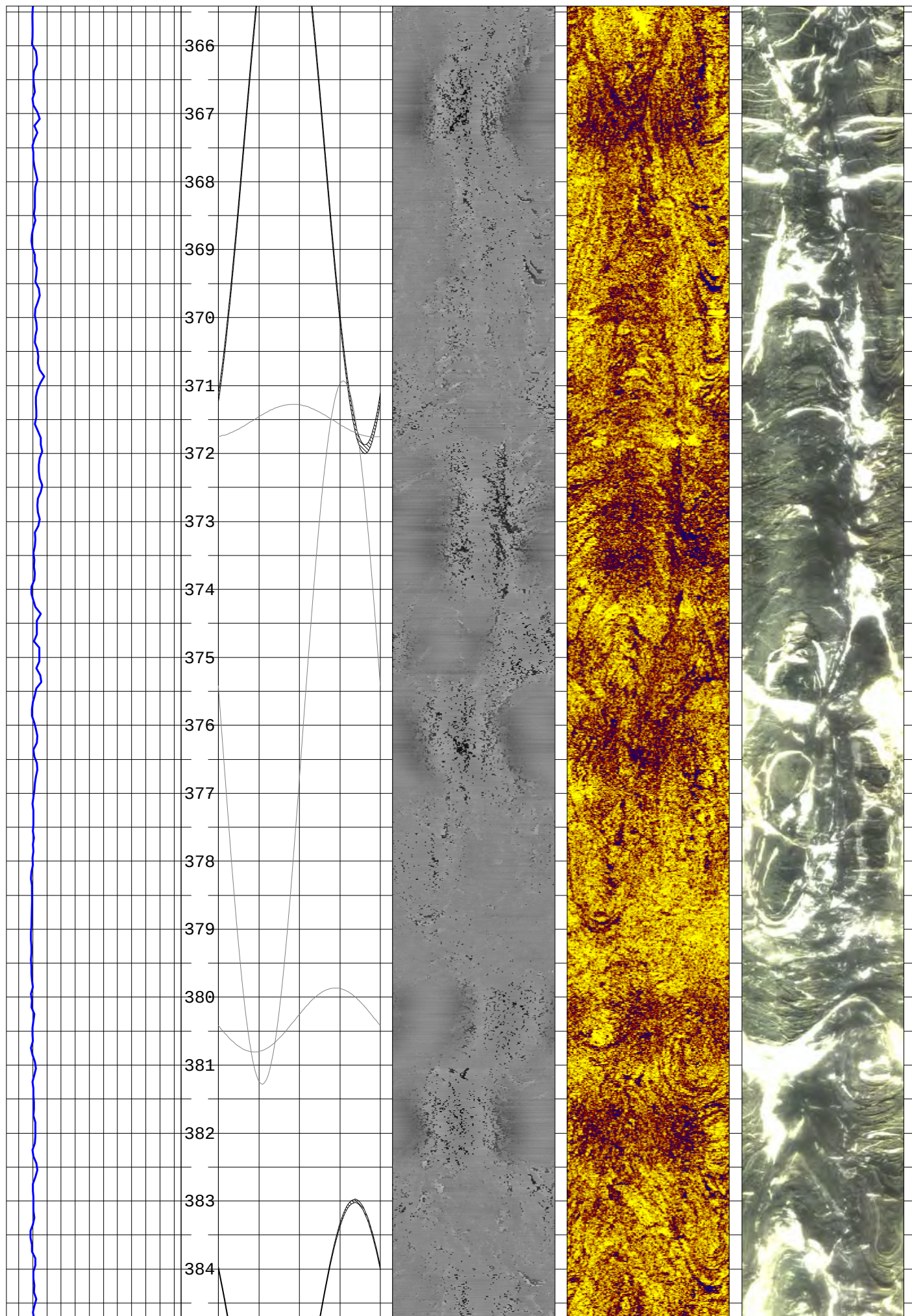


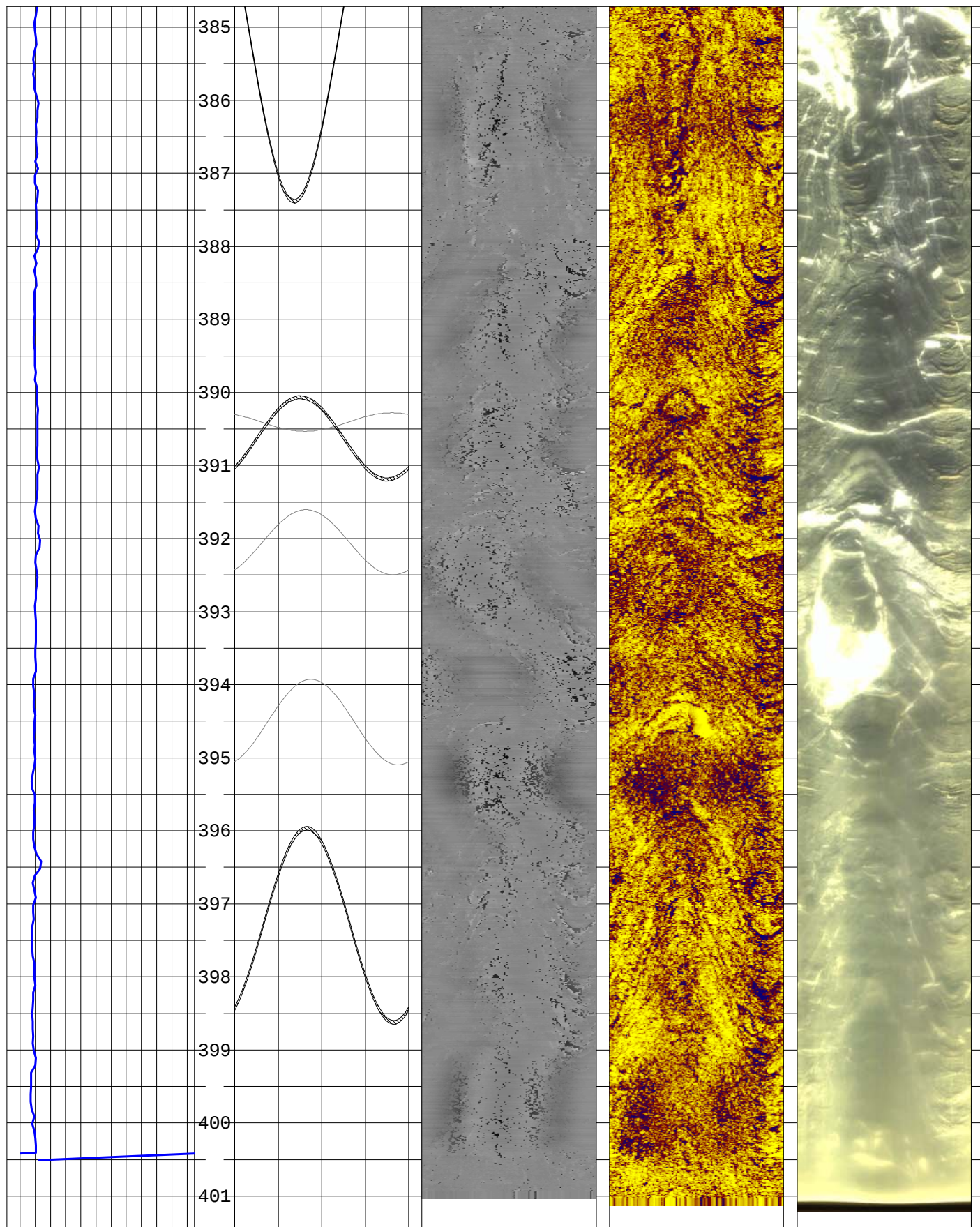




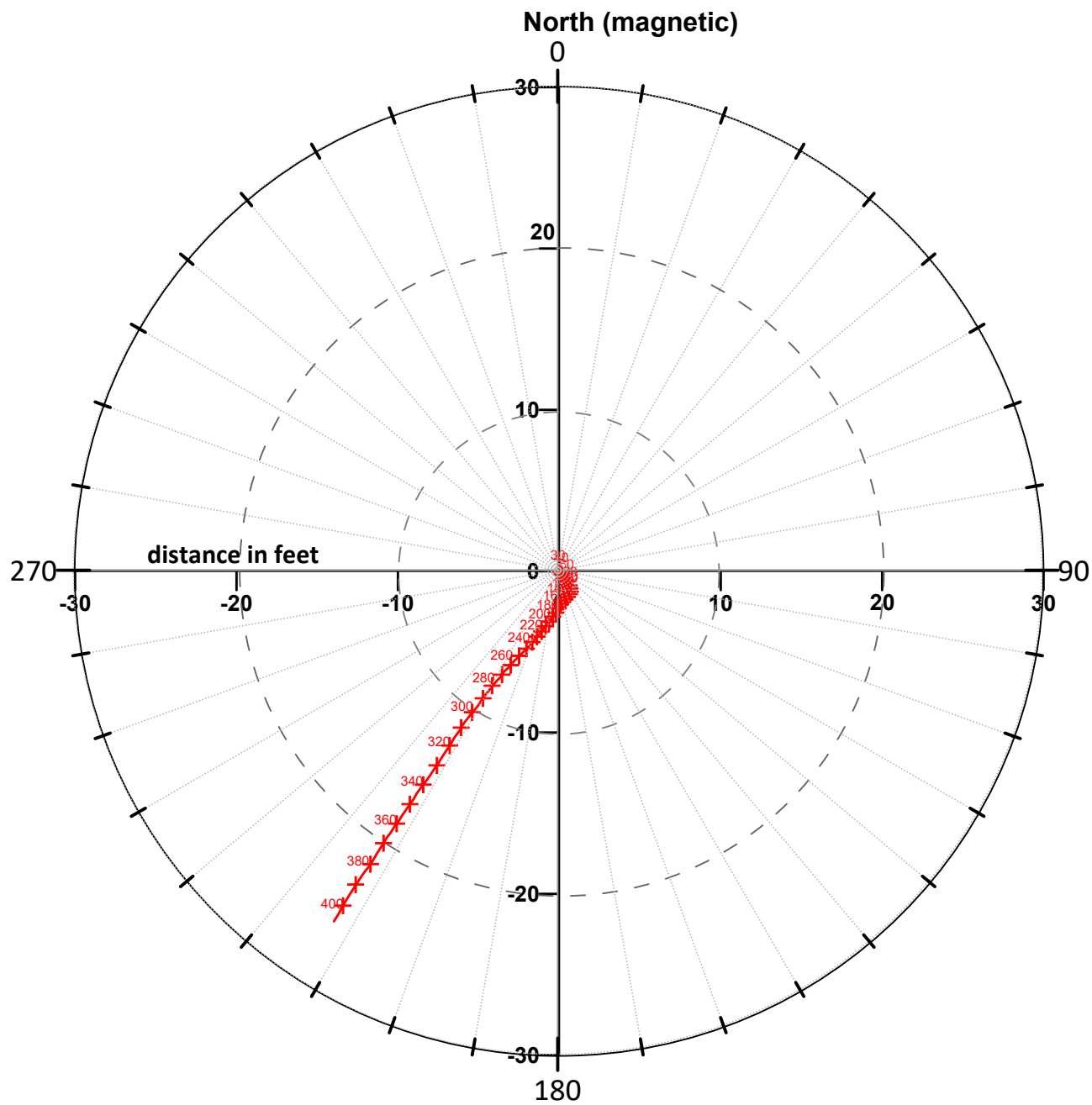








**Plate B-5 Borehole Deviation
BW-05014
Former Loring AFB Site
Limestone, Maine**



Distances in feet

20 = total length from surface

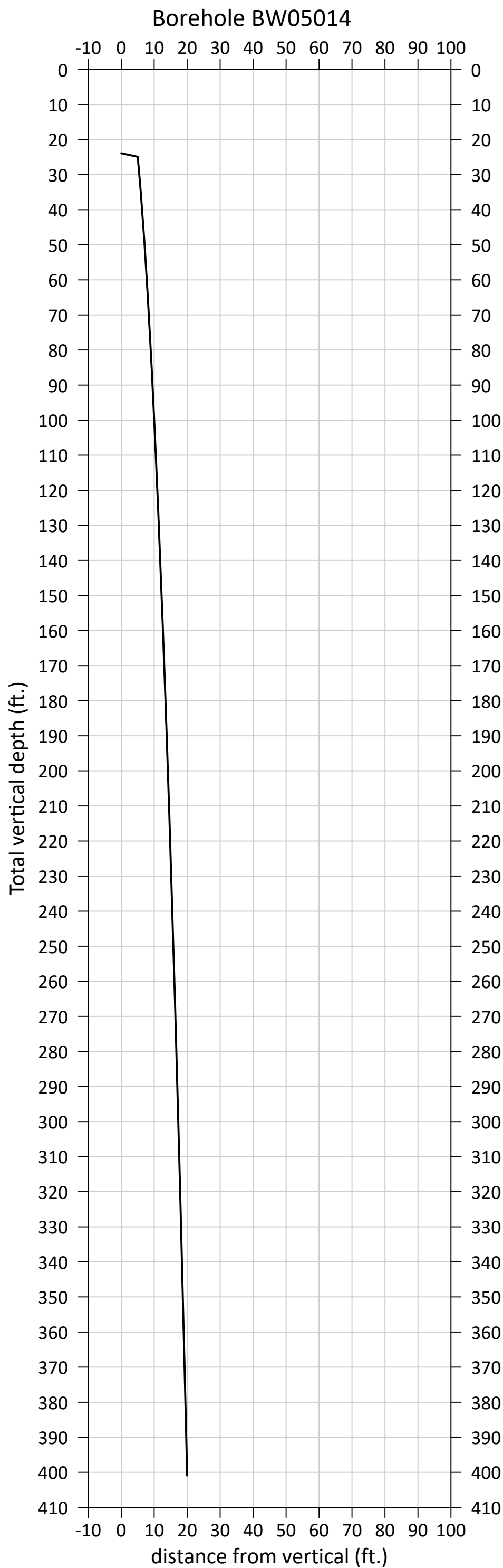


Plate B-6
Borehole Deviation from Vertical
BW-05014
Former Loring AFB Site
Limestone, Maine

borehole deviates ~212 degrees magnetic

TABLE B-1 Planar features interpreted from acoustical and optical viewers**Former Loring AFB Site - Limestone, Maine****June, 2024**

Declination: 16.2 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
BW05014	1	27.0	4	24	294	8	278	78	107
BW05014	2	28.4	68	334	244	318	228	3	101
BW05014	3	29.6	76	152	62	136	46	2	101
BW05014	4	30.4	78	345	255	328	238	5	101
BW05014	5	35.6	86	331	241	315	225	2	101
BW05014	6	35.8	76	344	254	327	237	<1 mm	100
BW05014	7	37.6	71	137	47	120	30	7	108
BW05014	8	37.9	73	308	218	292	202	5	108
BW05014	9	39.2	59	319	229	303	213	5	101
BW05014	10	39.7	52	321	231	305	215	6	101
BW05014	11	41.2	75	307	217	291	201	6	101
BW05014	12	43.9	84	154	64	137	47	3	101
BW05014	13	44.0	58	213	123	197	107	<1 mm	100
BW05014	14	47.4	7	99	9	83	353	<1 mm	100
BW05014	15	51.0	85	122	32	106	16	2	101
BW05014	16	55.1	72	48	318	31	301	<1 mm	100
BW05014	17	55.7	69	8	278	351	261	5	101
BW05014	18	57.9	62	360	270	344	254	5	101
BW05014	19	58.7	66	352	262	336	246	7	101
BW05014	20	62.1	17	197	107	180	90	6	101
BW05014	21	62.9	77	342	252	326	236	2	101
BW05014	22	65.7	76	331	241	315	225	<1 mm	100
BW05014	23	66.6	31	39	309	23	293	<1 mm	100
BW05014	24	70.4	87	320	230	304	214	1	101
BW05014	25	70.8	20	188	98	172	82	15	101
BW05014	26	80.5	17	253	163	237	147	<1 mm	100
BW05014	27	80.8	85	329	239	313	223	2	101
BW05014	28	83.9	40	237	147	221	131	5	101
BW05014	29	84.1	85	326	236	309	219	2	101

TABLE B-1 Planar features interpreted from acoustical and optical televiewers**Former Loring AFB Site - Limestone, Maine****June, 2024**

Declination: 16.2 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
BW05014	30	87.9	21	221	131	205	115	4	101
BW05014	31	88.9	81	326	236	310	220	8	101
BW05014	32	91.7	56	224	134	208	118	<1 mm	100
BW05014	33	94.6	81	345	255	328	238	3	101
BW05014	34	95.0	34	19	289	3	273	<1 mm	100
BW05014	35	96.7	73	355	265	339	249	7	101
BW05014	36	97.3	57	26	296	10	280	8	108
BW05014	37	101.2	79	11	281	355	265	4	101
BW05014	38	106.5	59	353	263	337	247	49	107
BW05014	39	106.5	62	214	124	198	108	10	107
BW05014	40	107.9	81	147	57	131	41	4	101
BW05014	41	110.2	60	109	19	93	3	<1 mm	100
BW05014	42	110.7	80	128	38	112	22	3	101
BW05014	43	110.9	85	157	67	140	50	2	101
BW05014	44	111.1	36	156	66	140	50	8	108
BW05014	45	115.0	26	197	107	181	91	74	108
BW05014	46	116.5	71	3	273	347	257	4	101
BW05014	47	117.2	35	66	336	50	320	26	108
BW05014	48	120.4	76	2	272	346	256	4	101
BW05014	49	122.1	51	39	309	23	293	106	108
BW05014	50	124.8	77	129	39	113	23	7	108
BW05014	51	127.2	78	2	272	346	256	7	101
BW05014	52	128.6	58	1	271	345	255	6	101
BW05014	53	129.8	45	20	290	4	274	<1 mm	100
BW05014	54	133.1	32	189	99	173	83	15	101
BW05014	55	133.6	86	137	47	121	31	2	101
BW05014	56	135.1	13	196	106	180	90	<1 mm	100
BW05014	57	135.3	80	324	234	307	217	6	101
BW05014	58	138.1	66	119	29	103	13	9	108

TABLE B-1 Planar features interpreted from acoustical and optical viewers**Former Loring AFB Site - Limestone, Maine****June, 2024**

Declination: 16.2 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
BW05014	59	142.4	31	317	227	301	211	69	108
BW05014	60	142.8	82	115	25	99	9	4	101
BW05014	61	142.9	67	245	155	229	139	<1 mm	100
BW05014	62	143.6	69	349	259	333	243	<1 mm	100
BW05014	63	145.6	74	339	249	323	233	5	101
BW05014	64	147.5	65	347	257	330	240	8	101
BW05014	65	147.7	80	139	49	123	33	3	101
BW05014	66	148.2	55	230	140	214	124	<1 mm	100
BW05014	67	149.8	80	143	53	127	37	4	101
BW05014	68	152.1	50	103	13	87	357	31	108
BW05014	69	153.4	85	150	60	133	43	3	101
BW05014	70	156.2	54	347	257	331	241	<1 mm	100
BW05014	71	156.6	69	139	49	123	33	5	101
BW05014	72	158.3	69	223	133	207	117	5	101
BW05014	73	161.2	82	324	234	308	218	2	101
BW05014	74	163.6	73	345	255	329	239	14	101
BW05014	75	164.0	84	319	229	303	213	10	101
BW05014	76	166.3	78	320	230	303	213	13	101
BW05014	77	168.6	79	326	236	310	220	5	101
BW05014	78	170.6	83	147	57	131	41	5	101
BW05014	79	170.9	63	246	156	230	140	<1 mm	100
BW05014	80	173.9	80	142	52	125	35	3	101
BW05014	81	177.0	23	185	95	169	79	<1 mm	100
BW05014	82	180.4	77	311	221	295	205	<1 mm	101
BW05014	83	183.0	74	325	235	309	219	2	101
BW05014	84	183.8	82	326	236	310	220	2	101
BW05014	85	185.5	31	192	102	176	86	<1 mm	100
BW05014	86	188.5	38	355	265	339	249	<1 mm	100
BW05014	87	191.5	87	335	245	319	229	1	101

TABLE B-1 Planar features interpreted from acoustical and optical viewers**Former Loring AFB Site - Limestone, Maine****June, 2024**

Declination: 16.2 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
BW05014	88	192.9	62	353	263	337	247	<1 mm	100
BW05014	89	201.6	78	338	248	322	232	2	101
BW05014	90	202.7	44	104	14	88	358	<1 mm	100
BW05014	91	204.0	69	340	250	324	234	<1 mm	100
BW05014	92	206.2	79	323	233	307	217	5	101
BW05014	93	208.1	35	150	60	134	44	17	101
BW05014	94	208.6	73	327	237	311	221	4	101
BW05014	95	210.7	76	335	245	318	228	4	101
BW05014	96	211.8	72	327	237	311	221	5	101
BW05014	97	212.7	71	122	32	106	16	5	101
BW05014	98	216.9	51	33	303	17	287	<1 mm	100
BW05014	99	218.5	56	326	236	310	220	6	108
BW05014	100	218.8	14	24	294	8	278	7	101
BW05014	101	221.3	27	119	29	103	13	<1 mm	100
BW05014	102	223.0	80	330	240	314	224	5	101
BW05014	103	225.1	26	165	75	149	59	<1 mm	100
BW05014	104	227.7	87	15	285	358	268	1	101
BW05014	105	233.2	80	331	241	314	224	4	101
BW05014	106	235.8	77	331	241	315	225	<1 mm	100
BW05014	107	237.6	32	93	3	77	347	<1 mm	100
BW05014	108	238.1	82	342	252	325	235	3	101
BW05014	109	247.2	85	332	242	316	226	1	101
BW05014	110	257.7	84	92	2	76	346	3	101
BW05014	111	260.2	79	103	13	87	357	<1 mm	100
BW05014	112	271.1	77	329	239	313	223	<1 mm	100
BW05014	113	273.7	78	330	240	313	223	3	101
BW05014	114	278.6	31	134	44	118	28	10	108
BW05014	115	283.1	32	305	215	289	199	<1 mm	101
BW05014	116	283.3	28	165	75	149	59	6	101

TABLE B-1 Planar features interpreted from acoustical and optical viewers**Former Loring AFB Site - Limestone, Maine****June, 2024**

Declination: 16.2 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
BW05014	117	288.5	78	356	266	340	250	<1 mm	100
BW05014	118	289.8	19	174	84	158	68	7	108
BW05014	119	290.8	24	228	138	212	122	4	108
BW05014	120	291.7	46	240	150	224	134	35	107
BW05014	121	293.5	68	154	64	138	48	17	107
BW05014	122	294.4	83	337	247	321	231	2	101
BW05014	123	299.9	80	2	272	346	256	3	101
BW05014	124	304.5	57	46	316	30	300	10	101
BW05014	125	308.3	60	110	20	93	3	<1 mm	100
BW05014	126	312.4	85	345	255	329	239	3	101
BW05014	127	318.4	76	335	245	319	229	4	101
BW05014	128	321.1	62	155	65	139	49	<1 mm	100
BW05014	129	326.6	85	338	248	322	232	2	101
BW05014	130	328.4	84	340	250	324	234	3	101
BW05014	131	329.8	85	332	242	316	226	3	101
BW05014	132	332.8	10	24	294	8	278	<1 mm	100
BW05014	133	335.6	30	81	351	65	335	<1 mm	100
BW05014	134	337.9	46	90	360	74	344	68	107
BW05014	135	339.2	84	328	238	312	222	2	101
BW05014	136	341.1	33	56	326	40	310	<1 mm	100
BW05014	137	342.9	70	342	252	326	236	<1 mm	100
BW05014	138	345.8	79	345	255	329	239	4	101
BW05014	139	346.7	15	174	84	157	67	<1 mm	100
BW05014	140	348.1	81	330	240	314	224	4	101
BW05014	141	350.2	72	335	245	319	229	7	101
BW05014	142	353.6	77	104	14	88	358	3	101
BW05014	143	363.3	73	9	279	352	262	<1 mm	100
BW05014	144	367.5	87	326	236	310	220	2	101
BW05014	145	371.5	44	346	256	330	240	<1 mm	100

TABLE B-1 Planar features interpreted from acoustical and optical viewers**Former Loring AFB Site - Limestone, Maine****June, 2024**

Declination: 16.2 degrees west

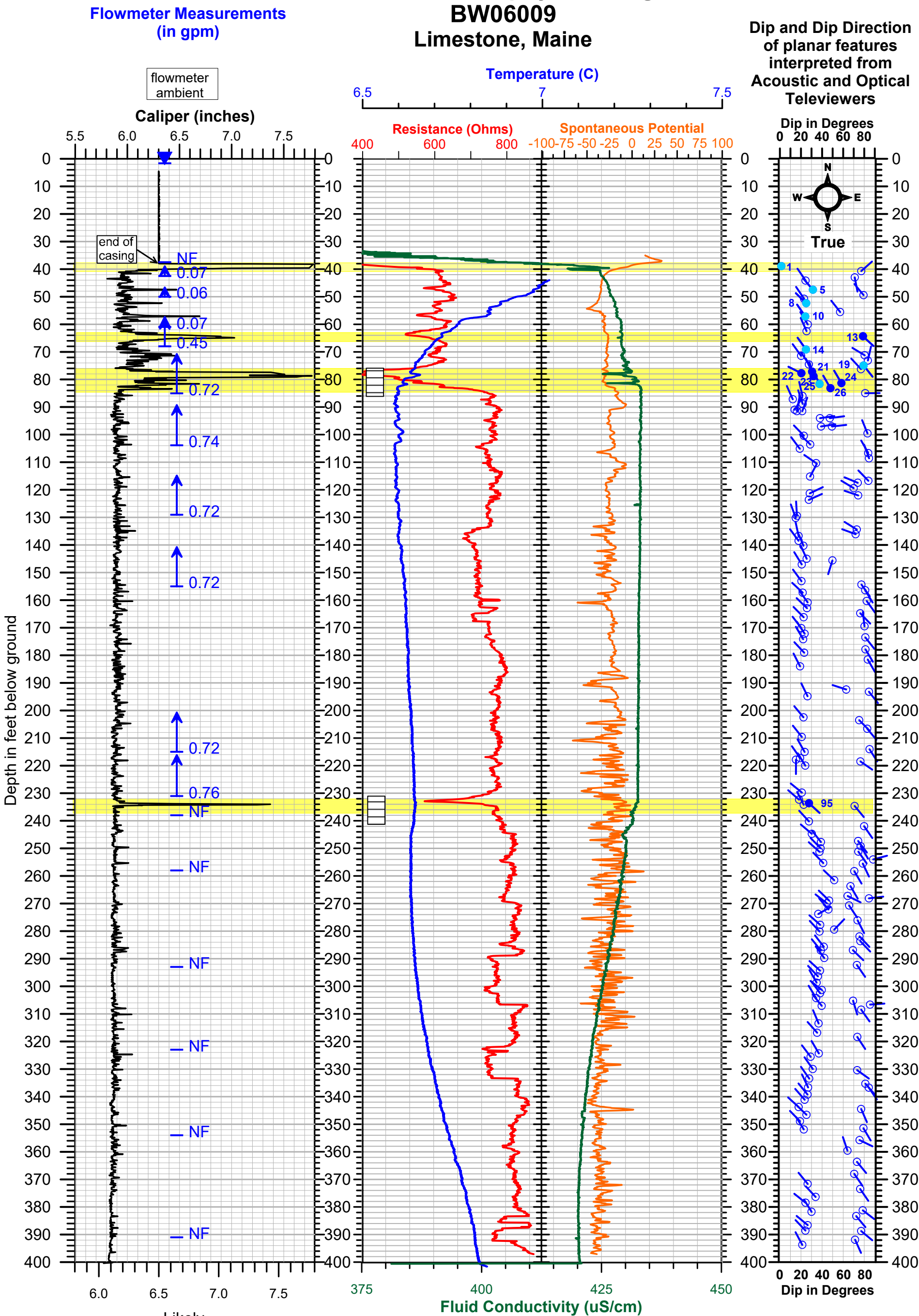
Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
BW05014	146	376.1	87	98	8	81	351	<1 mm	100
BW05014	147	380.3	62	80	350	64	334	<1 mm	100
BW05014	148	385.2	84	123	33	107	17	2	101
BW05014	149	390.4	27	145	55	129	39	<1 mm	100
BW05014	150	390.6	66	316	226	300	210	5	101
BW05014	151	392.1	61	327	237	311	221	<1 mm	100
BW05014	152	394.5	67	338	248	322	232	<1 mm	100
BW05014	153	397.3	80	329	239	313	223	3	101

Explanation:

	Category 100 = planar feature (possible fracture, joint, foliation, bedding, etc.) aperture less than 1 mm
	Category 101 = planar feature (possible fracture, joint, foliation, bedding, etc.) aperture > 1 mm
	Category 107 = Likely water bearing feature
	Category 108 = Possible water bearing fracture

PLATE C-1
Borehole Geophysical Log
BW06009
Limestone, Maine

Date logged: 06/17/24



- = Likely transmissive zone
- = Possible transmissive zone
- = Well Screen location

PLATE C-1
Borehole Geophysical Log
BW06009
Limestone, Maine

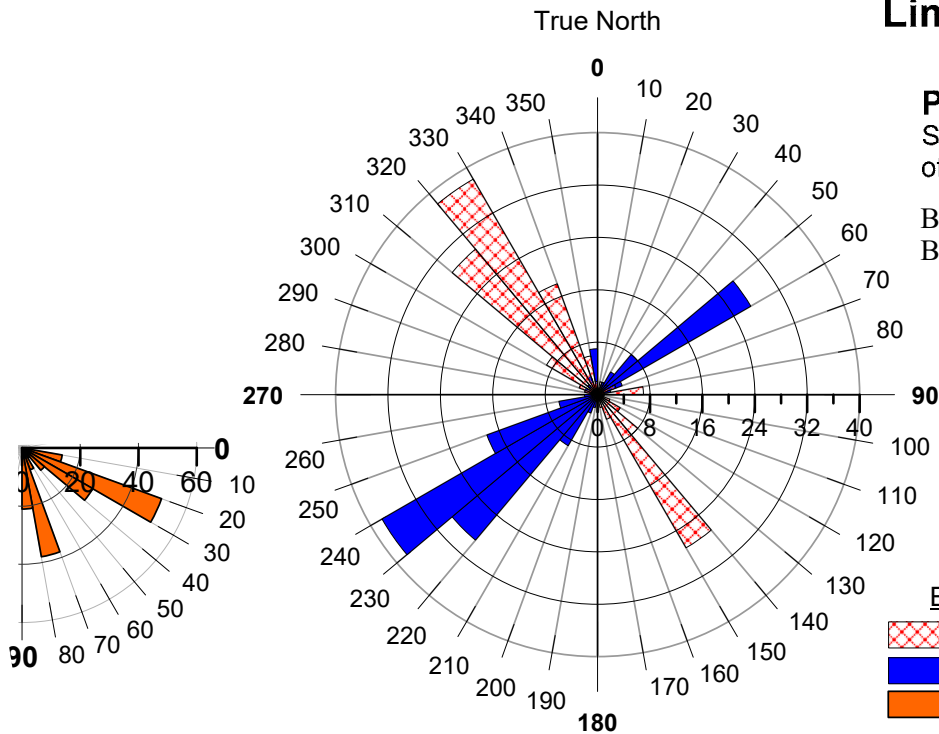
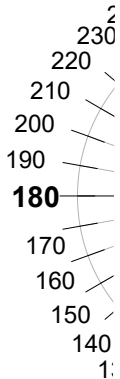
Tadpole tail indicates dip direction.
The solid tadpoles with a feature number are the ones interpreted to be likely or possibly transmissive.

BW06009/D
Former Loring AFB
Limestone, ME

PLATE C-2

Strike and Dip Direction
of all features

Based on 175 measurements in
BW06009/D borehole

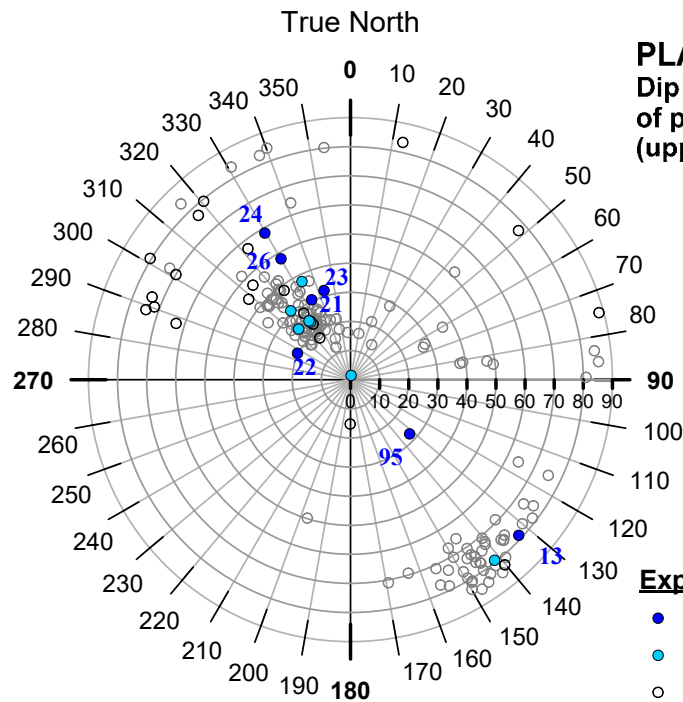


Explanation

- Dip direction of feature
- Strike of feature
- Dip Amount (Tilt)

PLATE C-3

Dip Amount and Dip Azimuth
of planar features
(upper hemisphere plot)

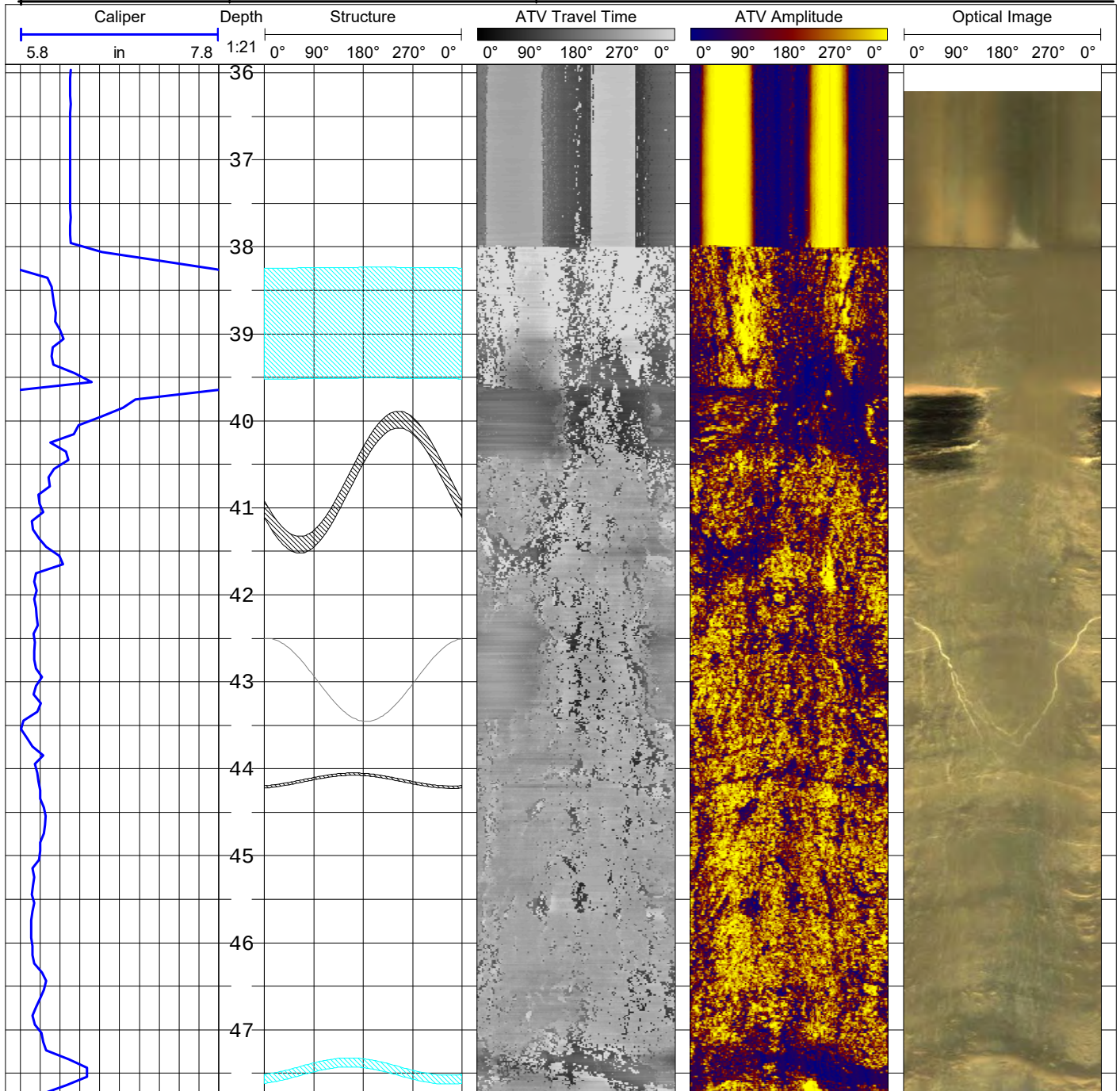


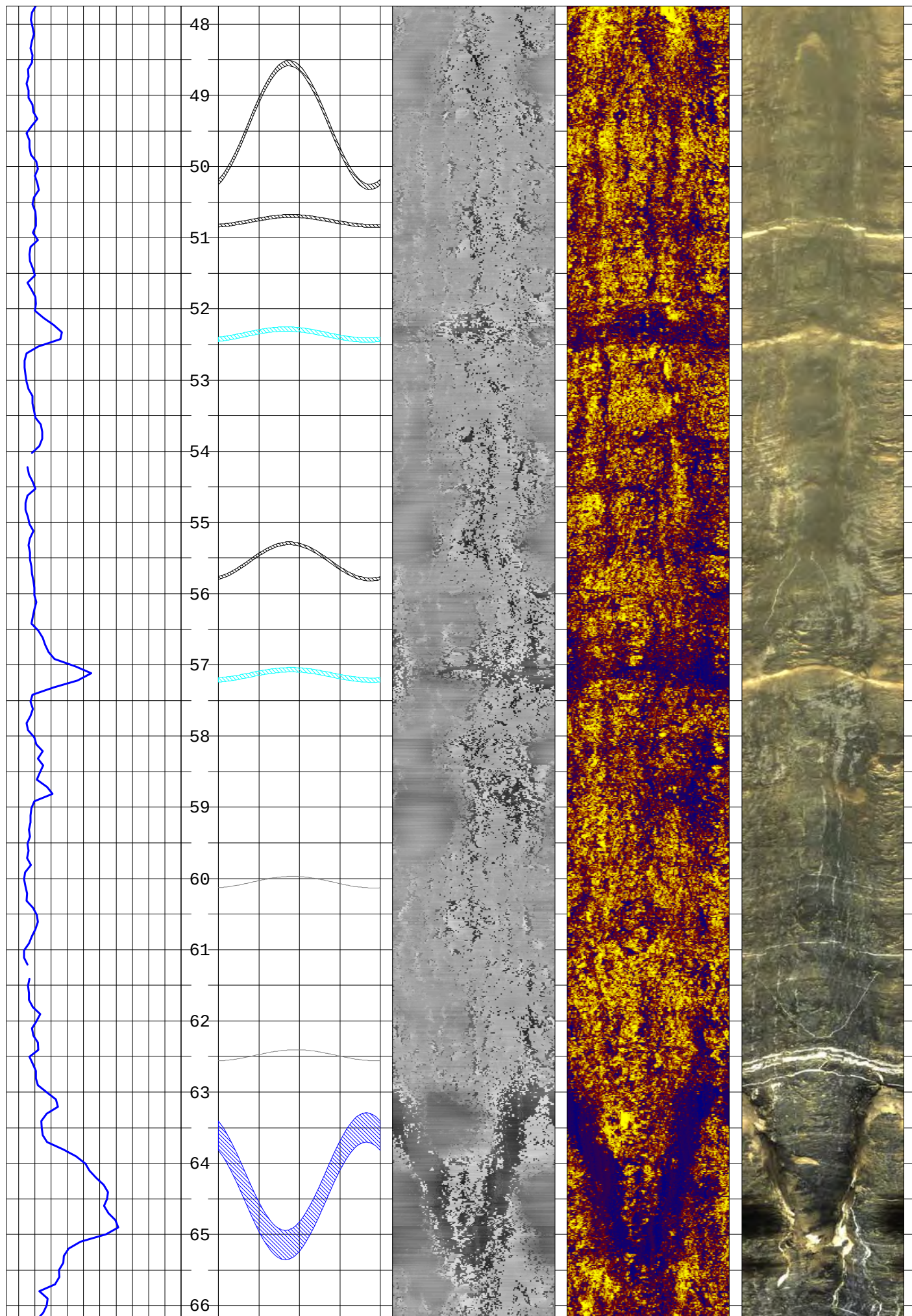
Explanation -

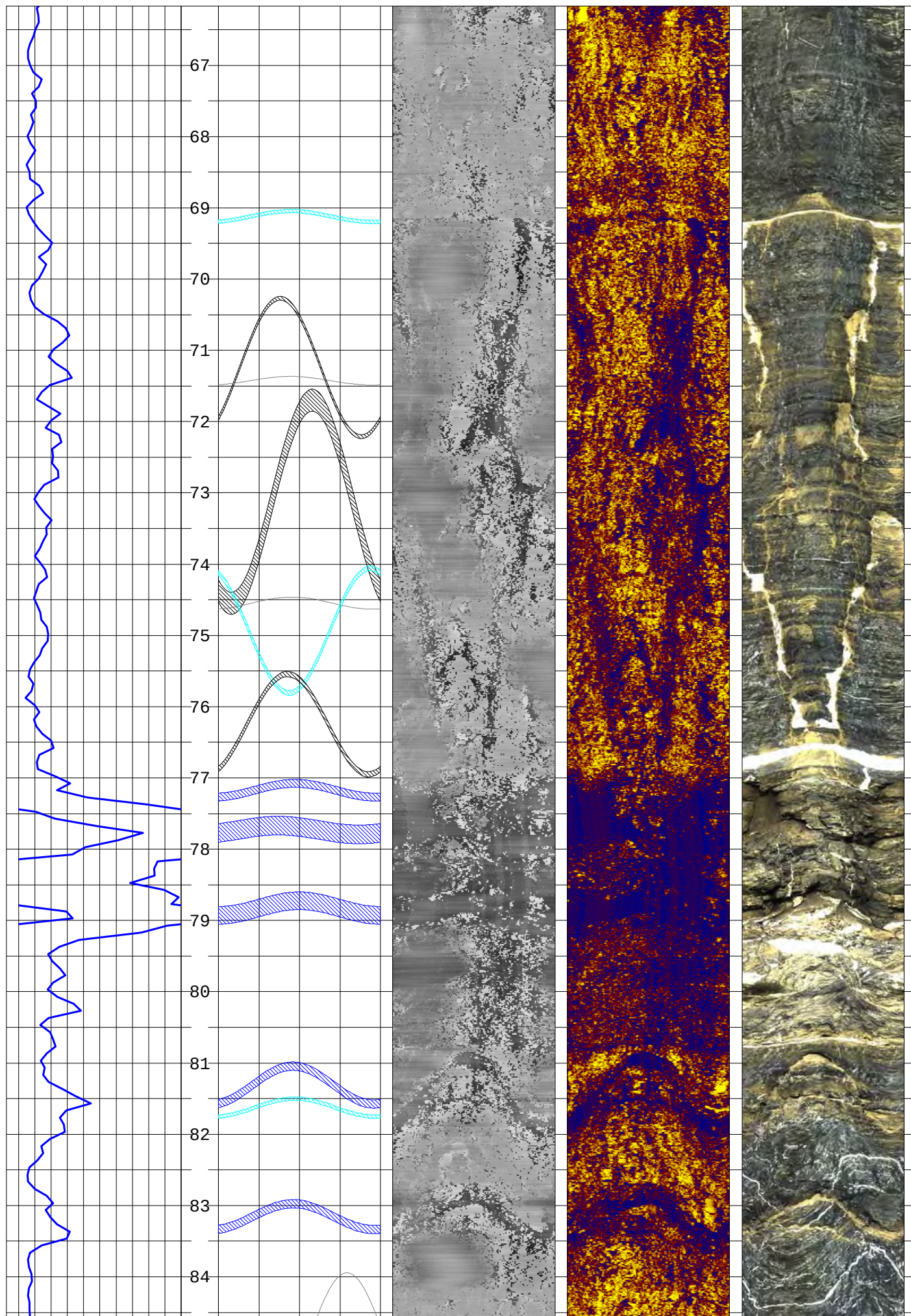
- Likely transmissive
- Possibly transmissive
- Aperture > 1 mm
- Aperture < 1 mm

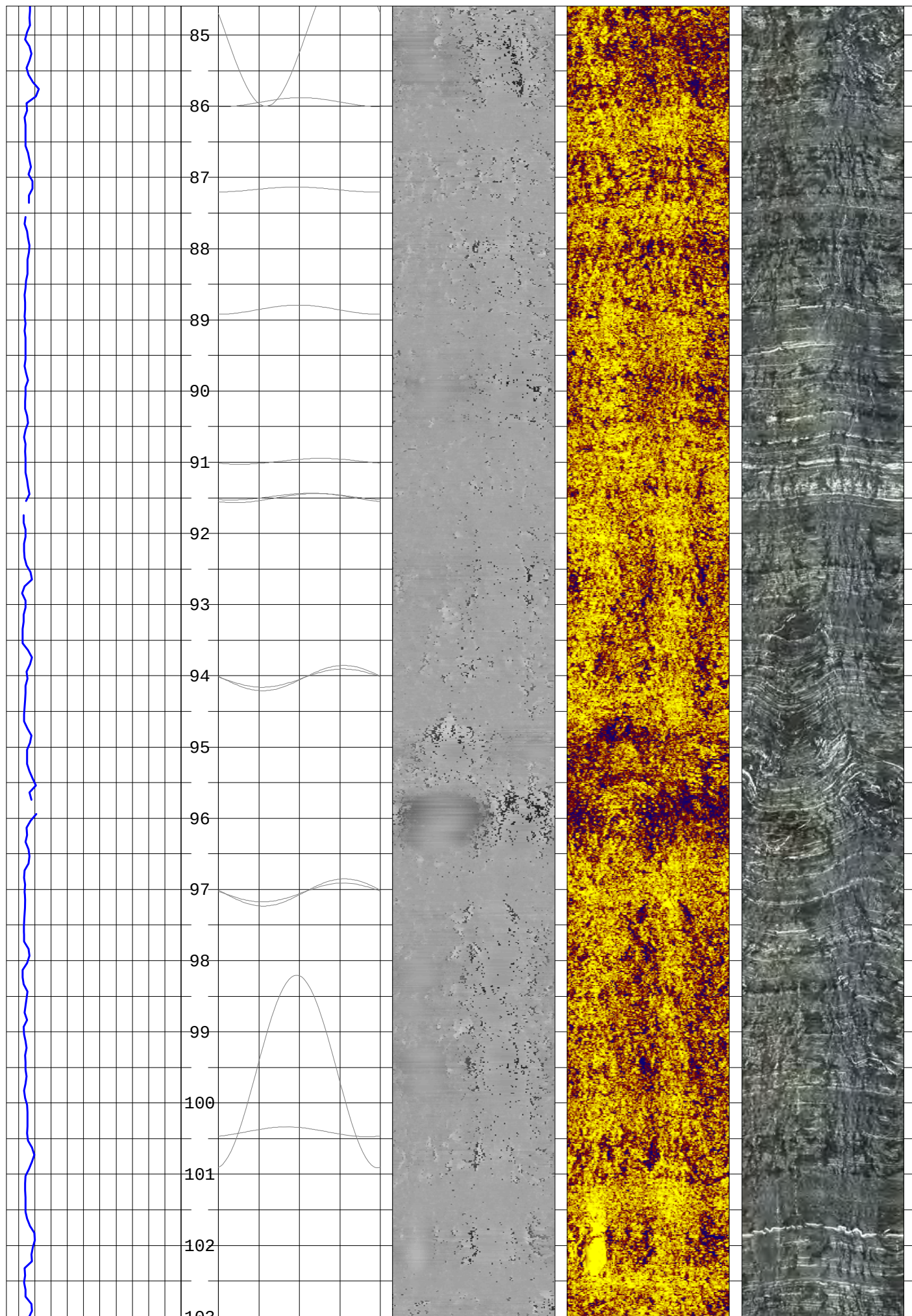
Declination: 16.2 degrees west

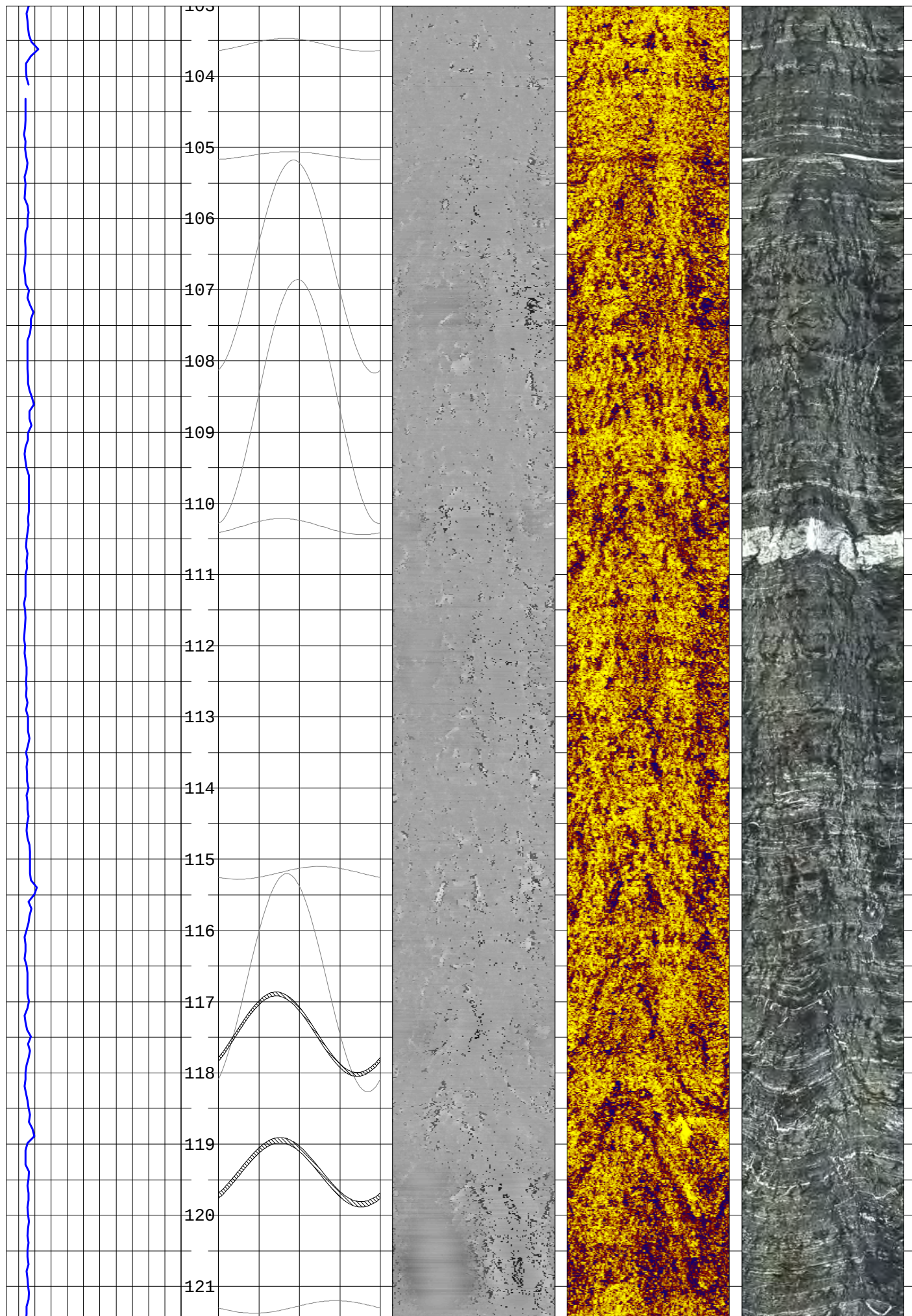
Northeast Geophysical Services 4 Union Street Bangor, Maine 04401 Tel. 207-942-2700 email: ngsinc@negeophysical.com		Log: Plate C-4 Televiwer & Caliper Logs
		Well: BW06009
		Site: Former Loring AFB
Date:	6/17/24	Location: Limestone, Maine
Casing Depth	38 ft.	For: WSP
Casing Type:	6 in steel	Logged by: R Rawcliffe
Boring Depth:	400.6 ft.	Orientation: magnetic north
Meas. From:	ground surface	Structure Plots: black = planar features (faults, foliation, bedding, joints, etc) light blue = possibly transmissive fracture dark blue = likely transmissive fracture
Stickup:	-0.58 ft.	
Water Level:	1.62 ft.	

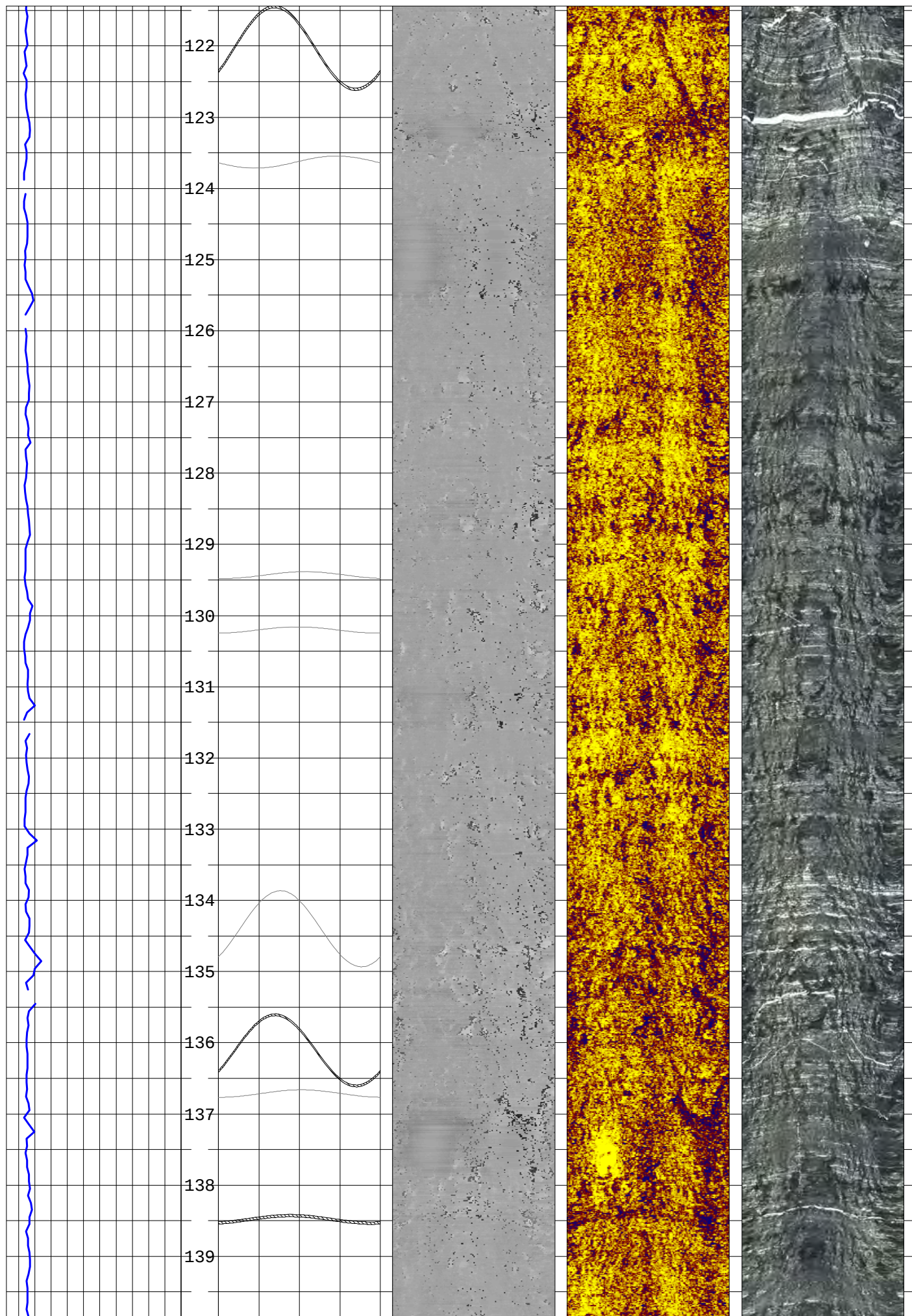


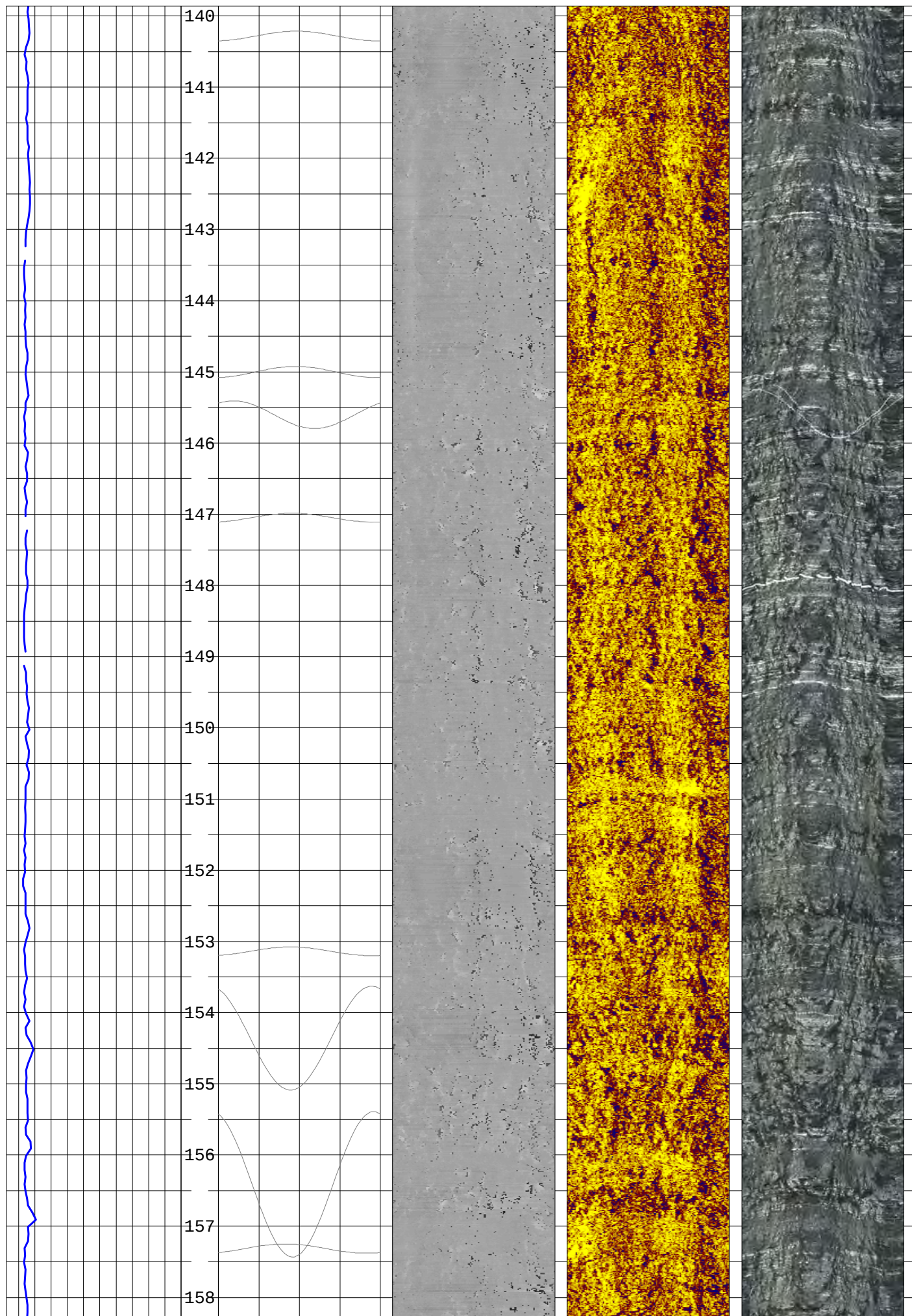


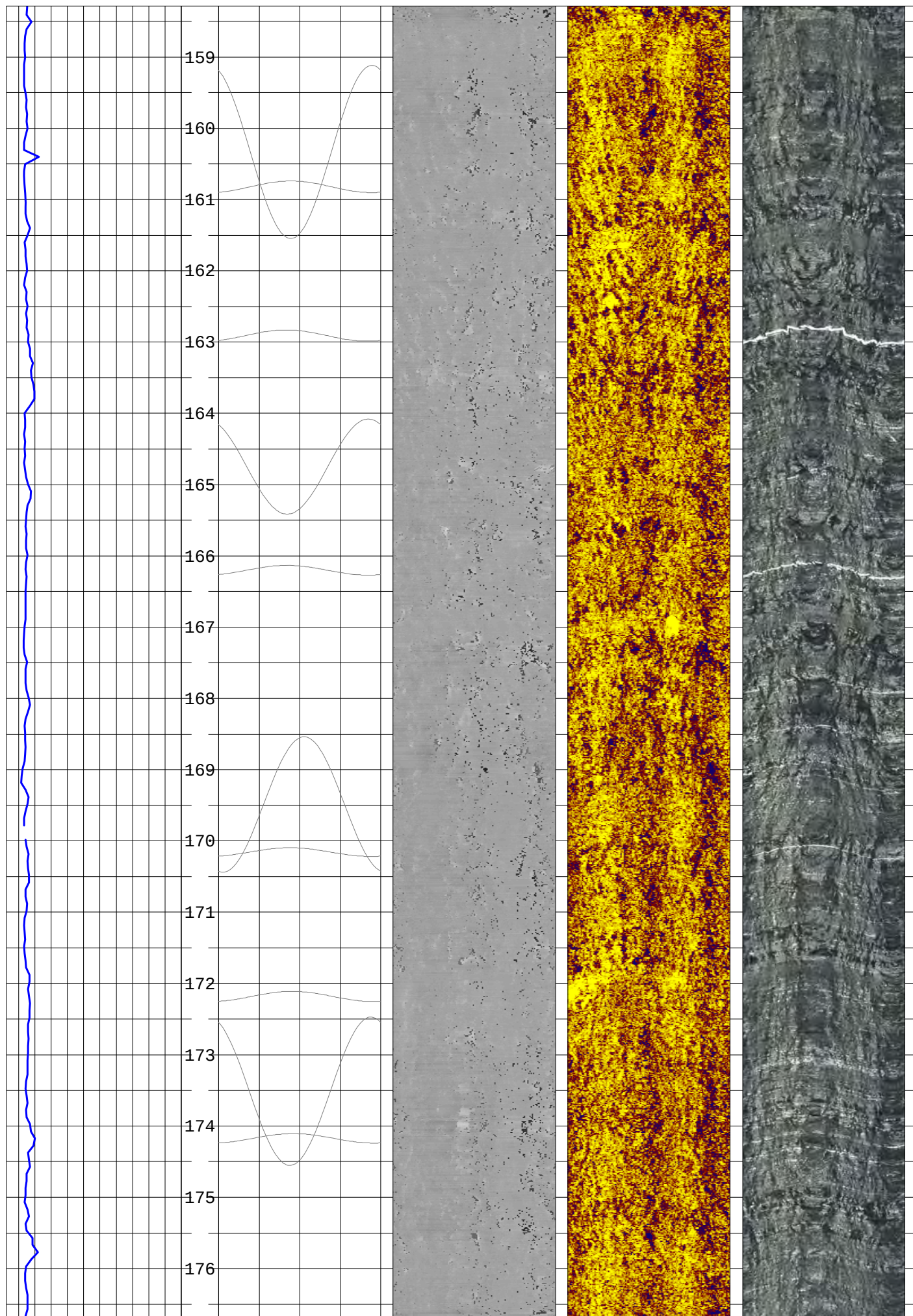


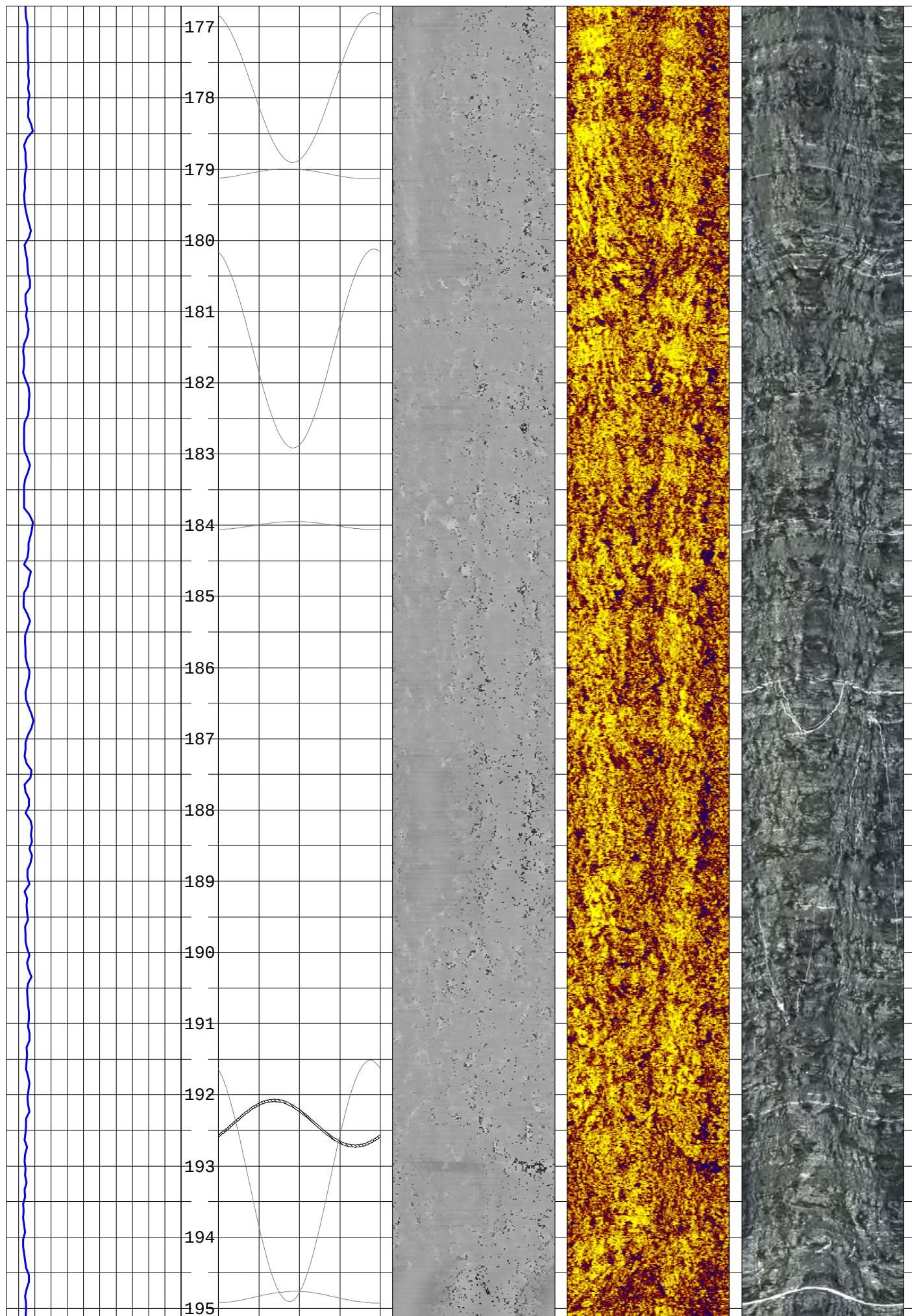


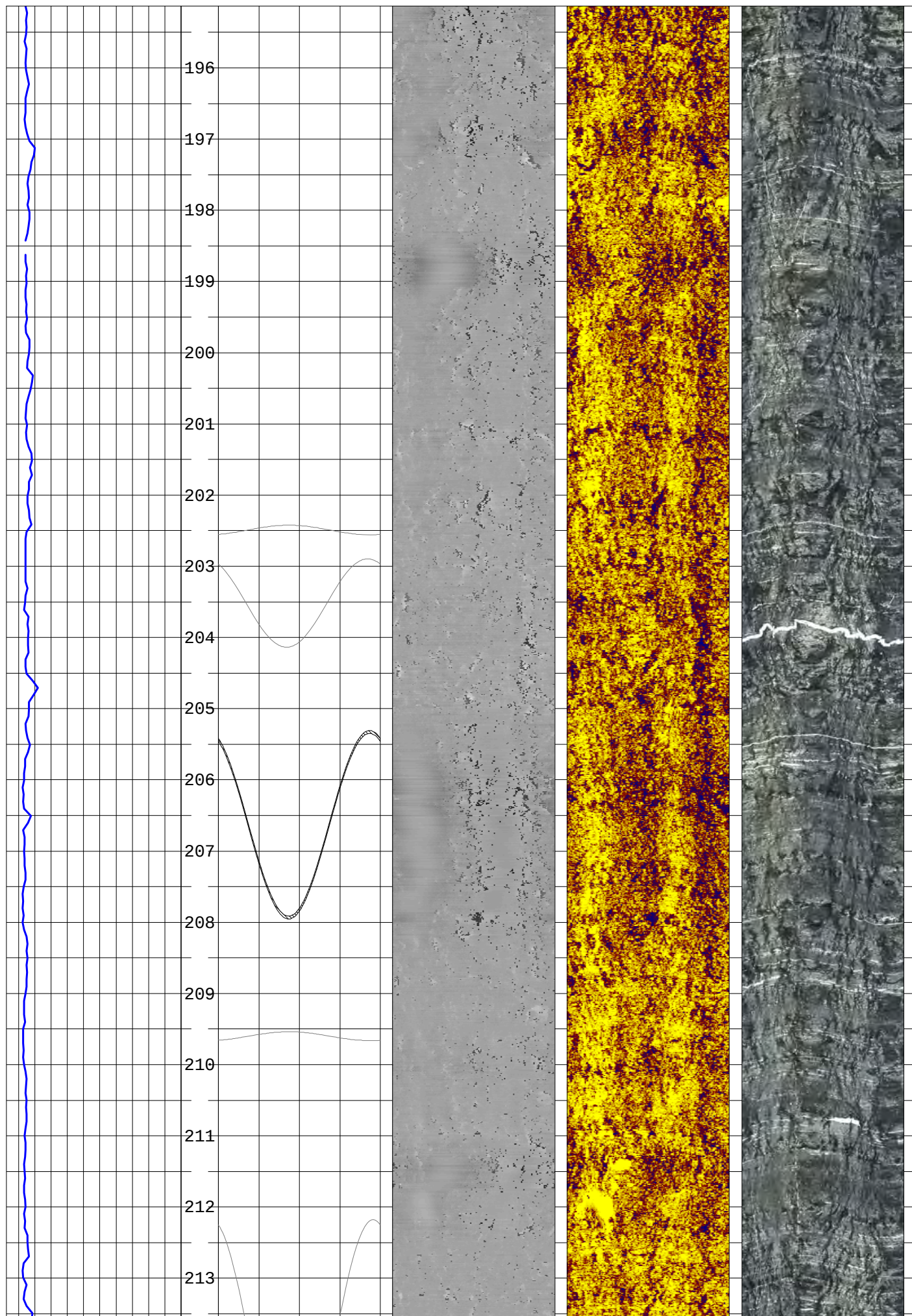


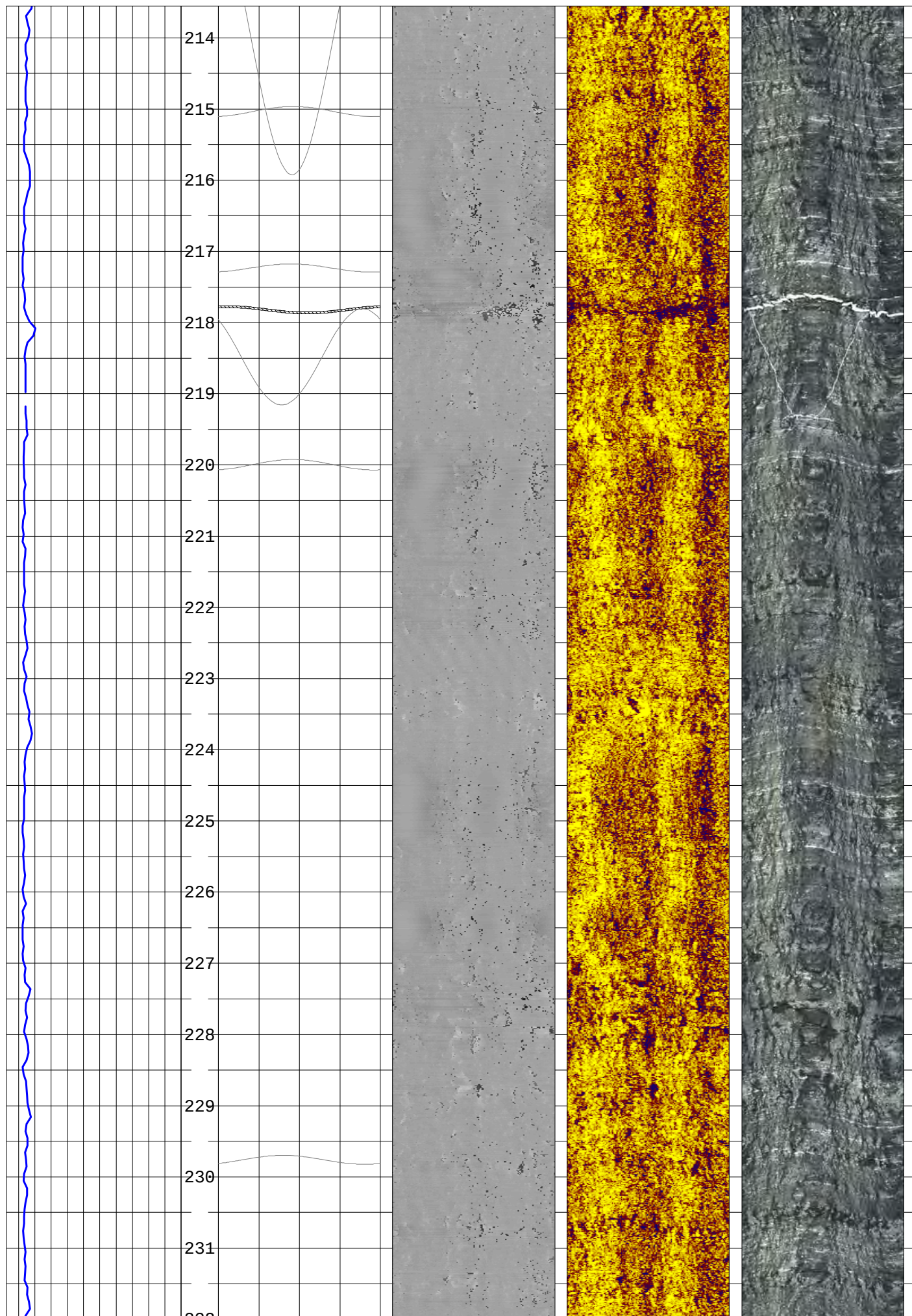


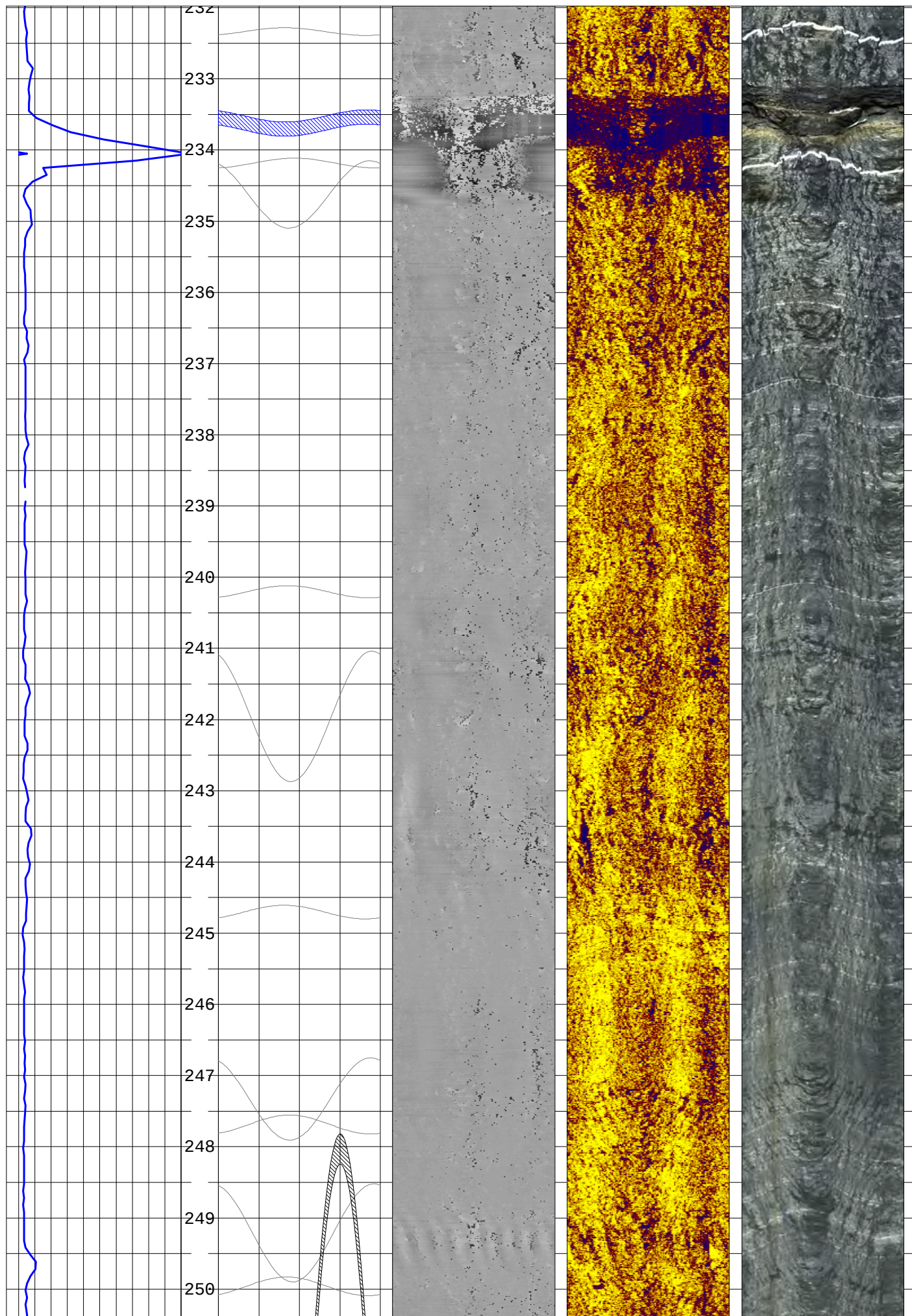


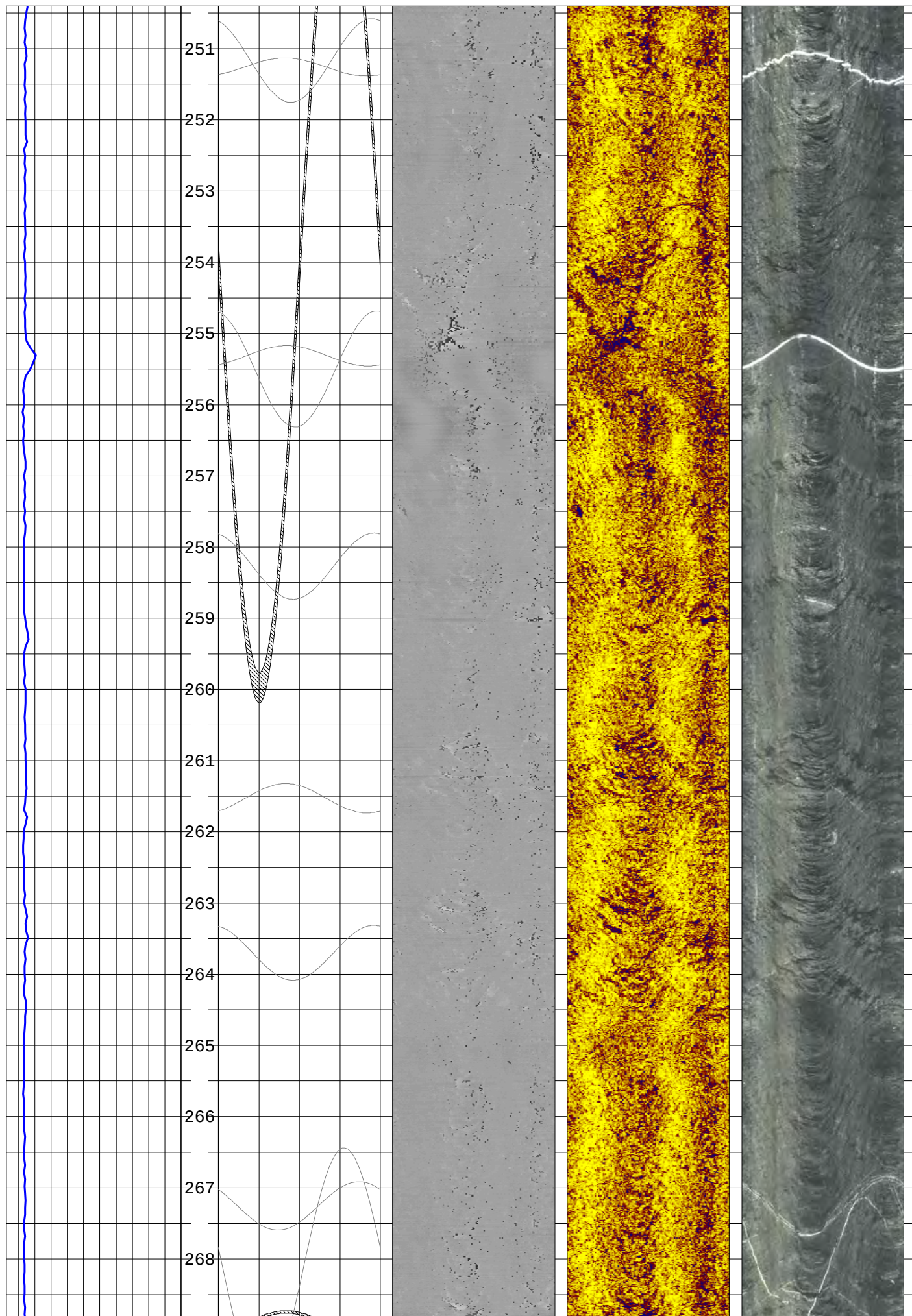


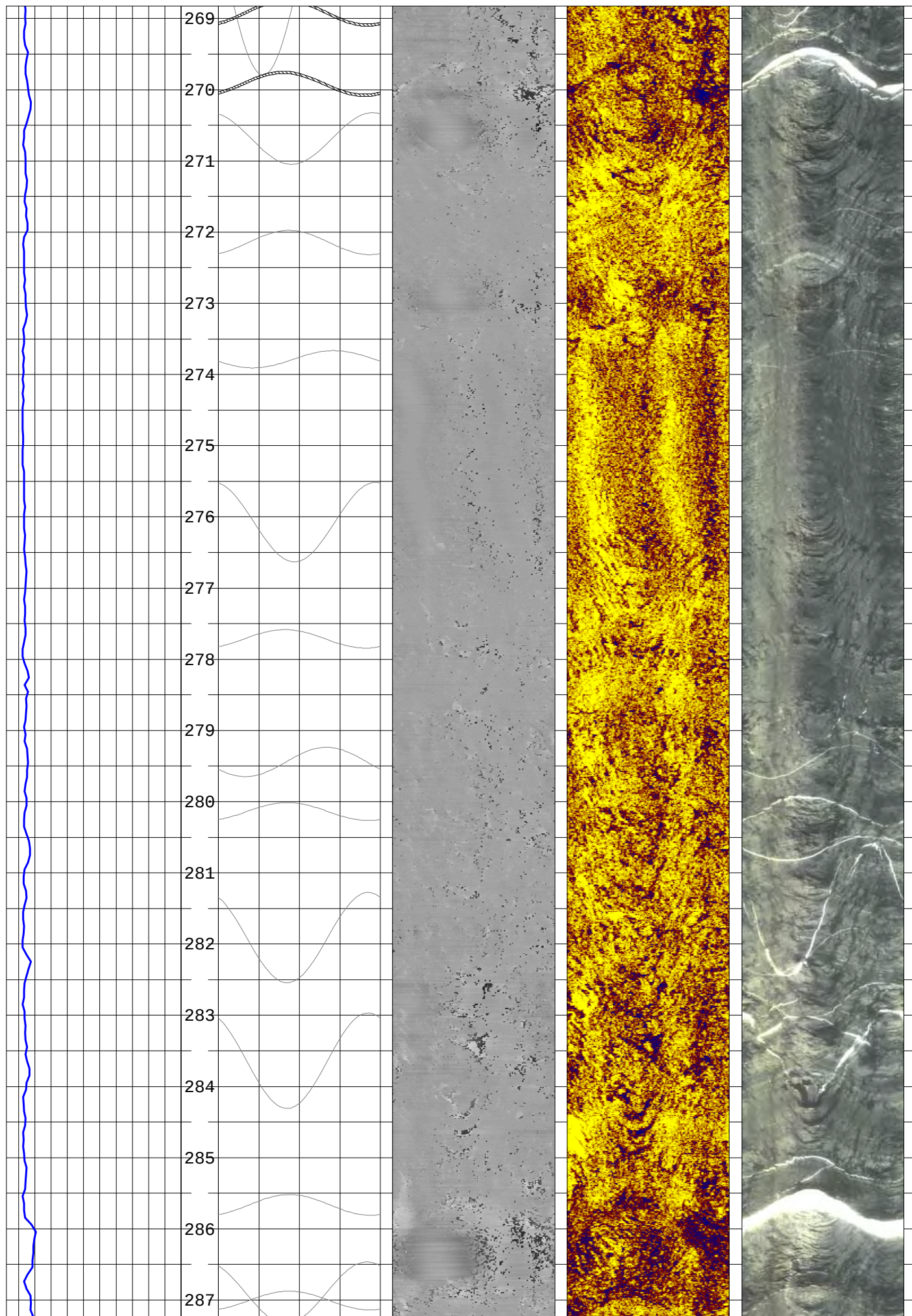


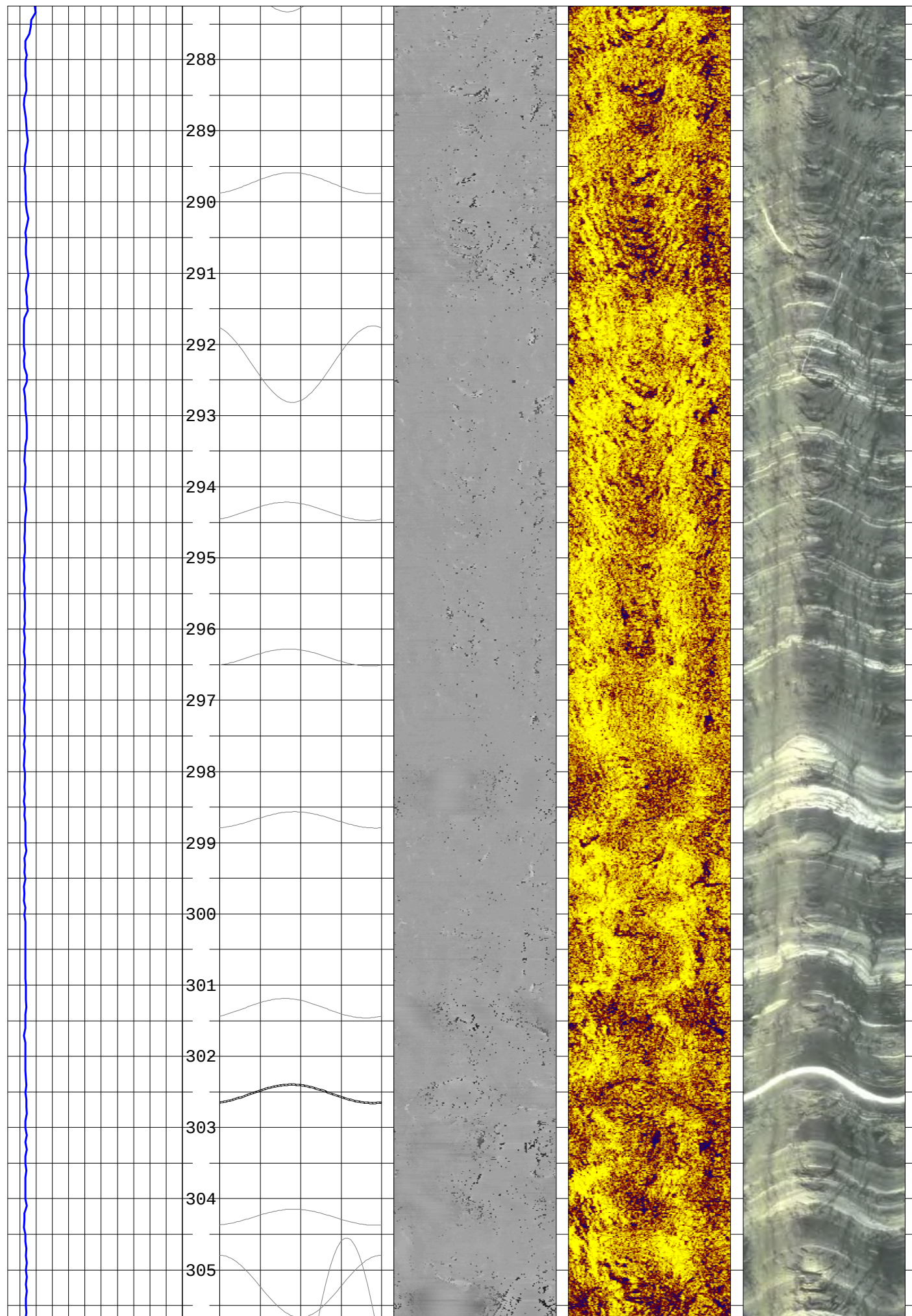


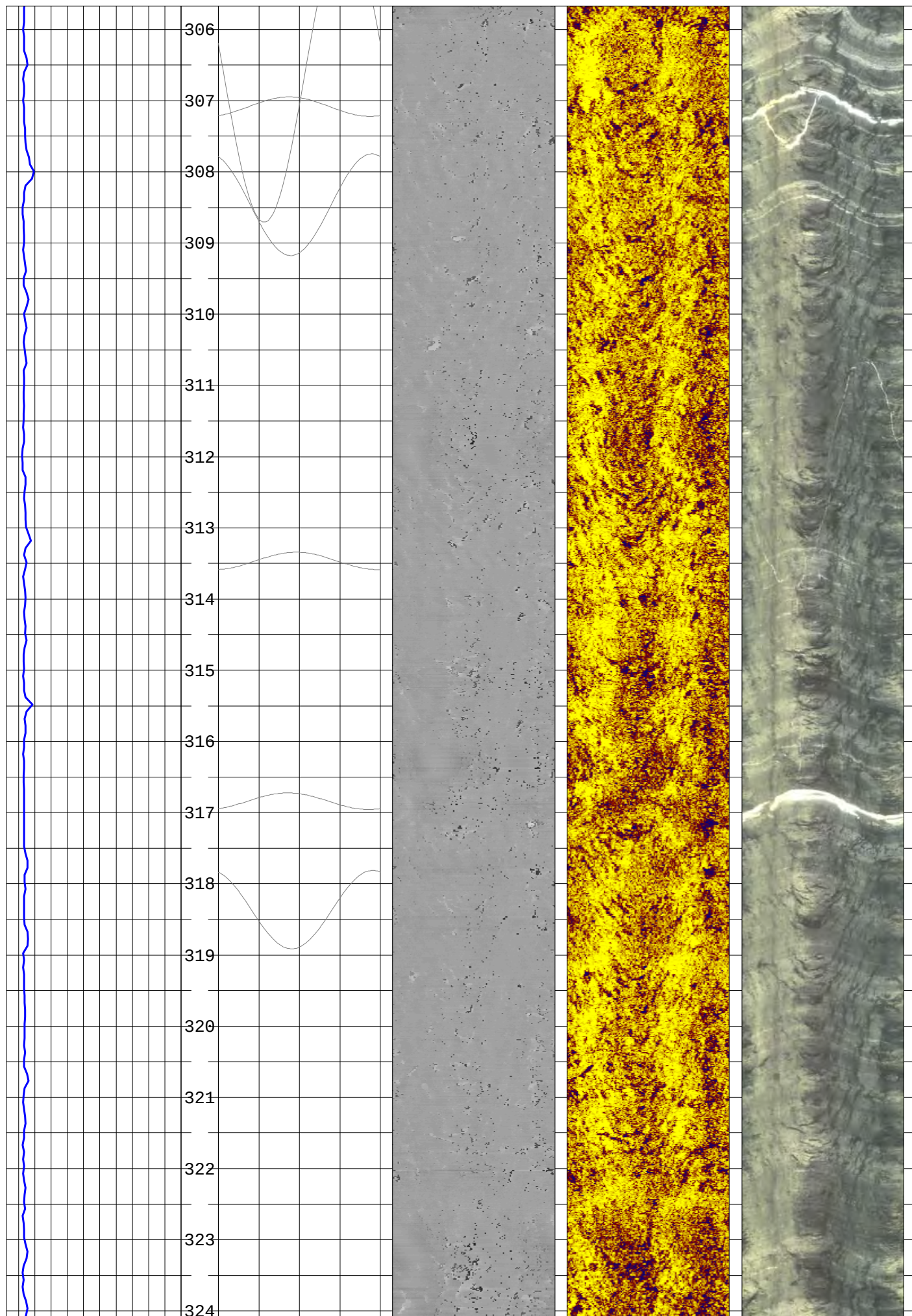


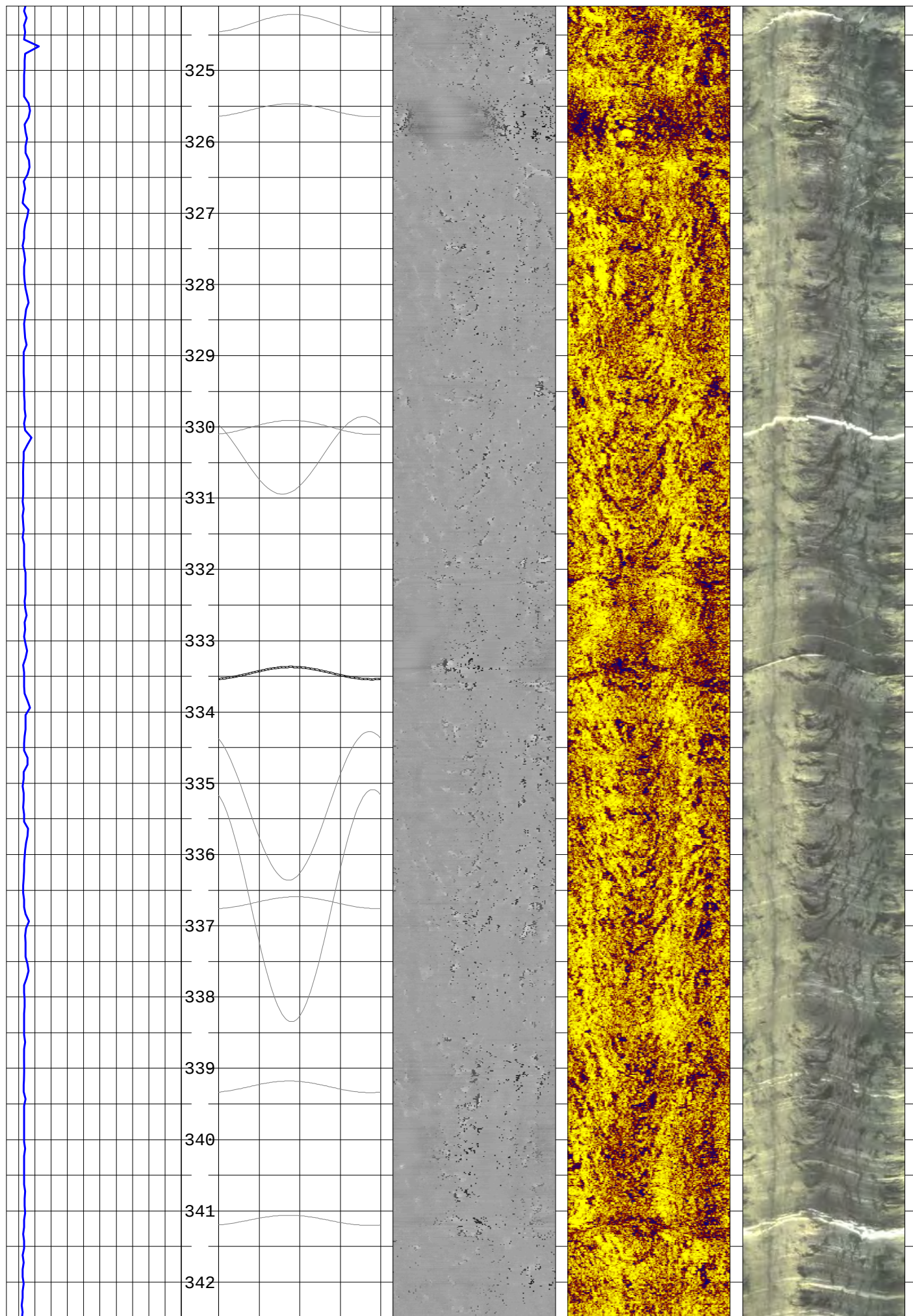


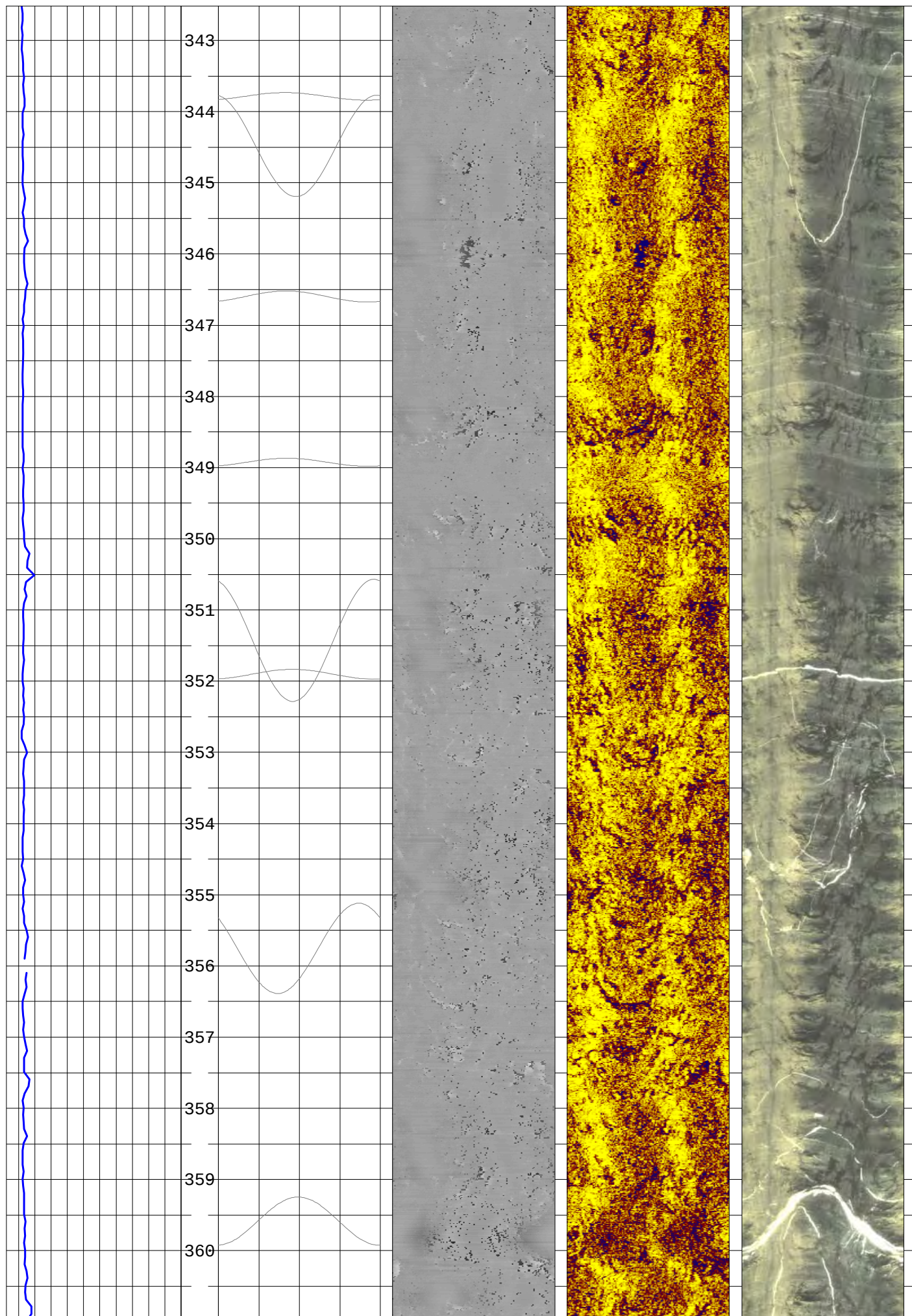


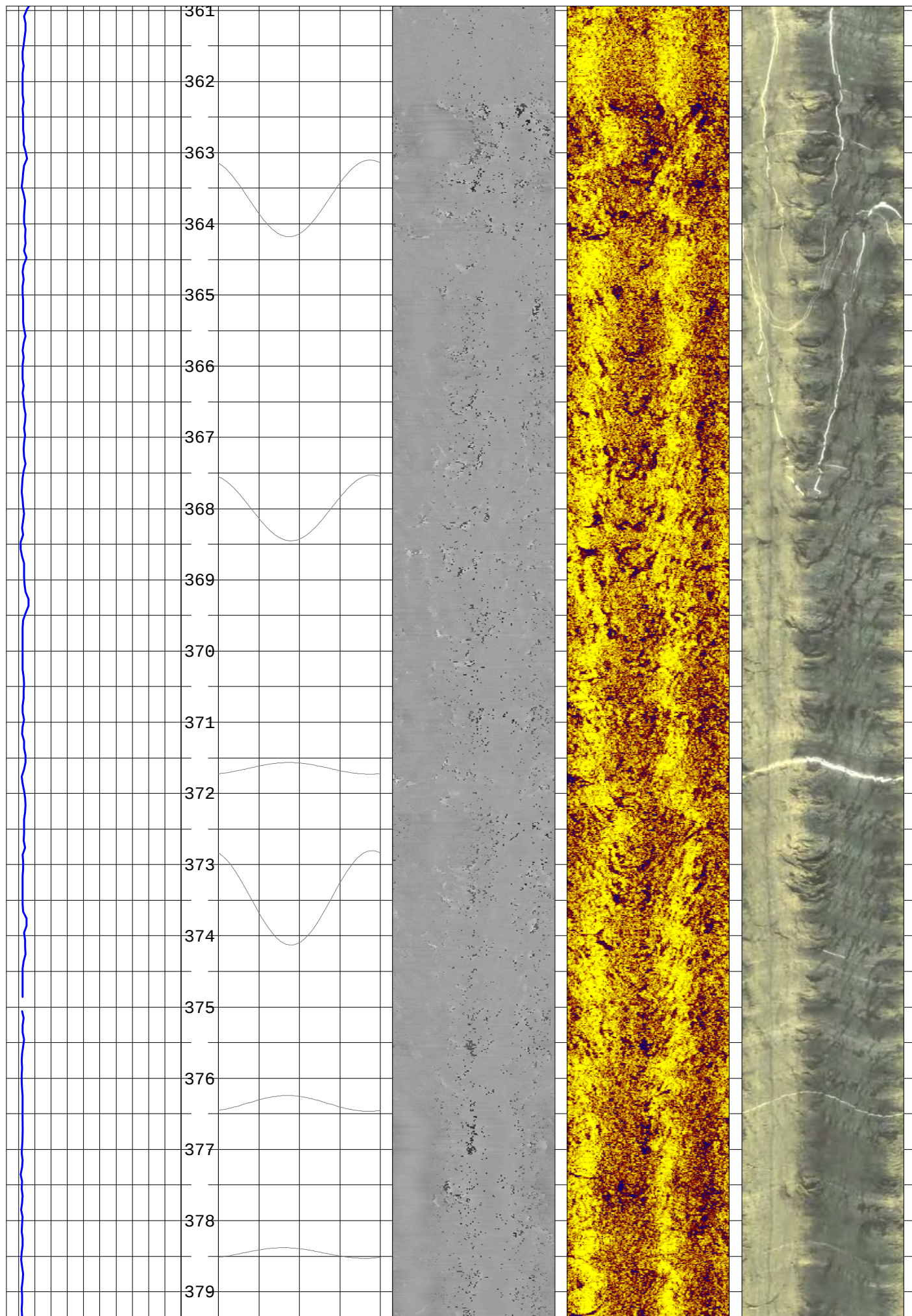


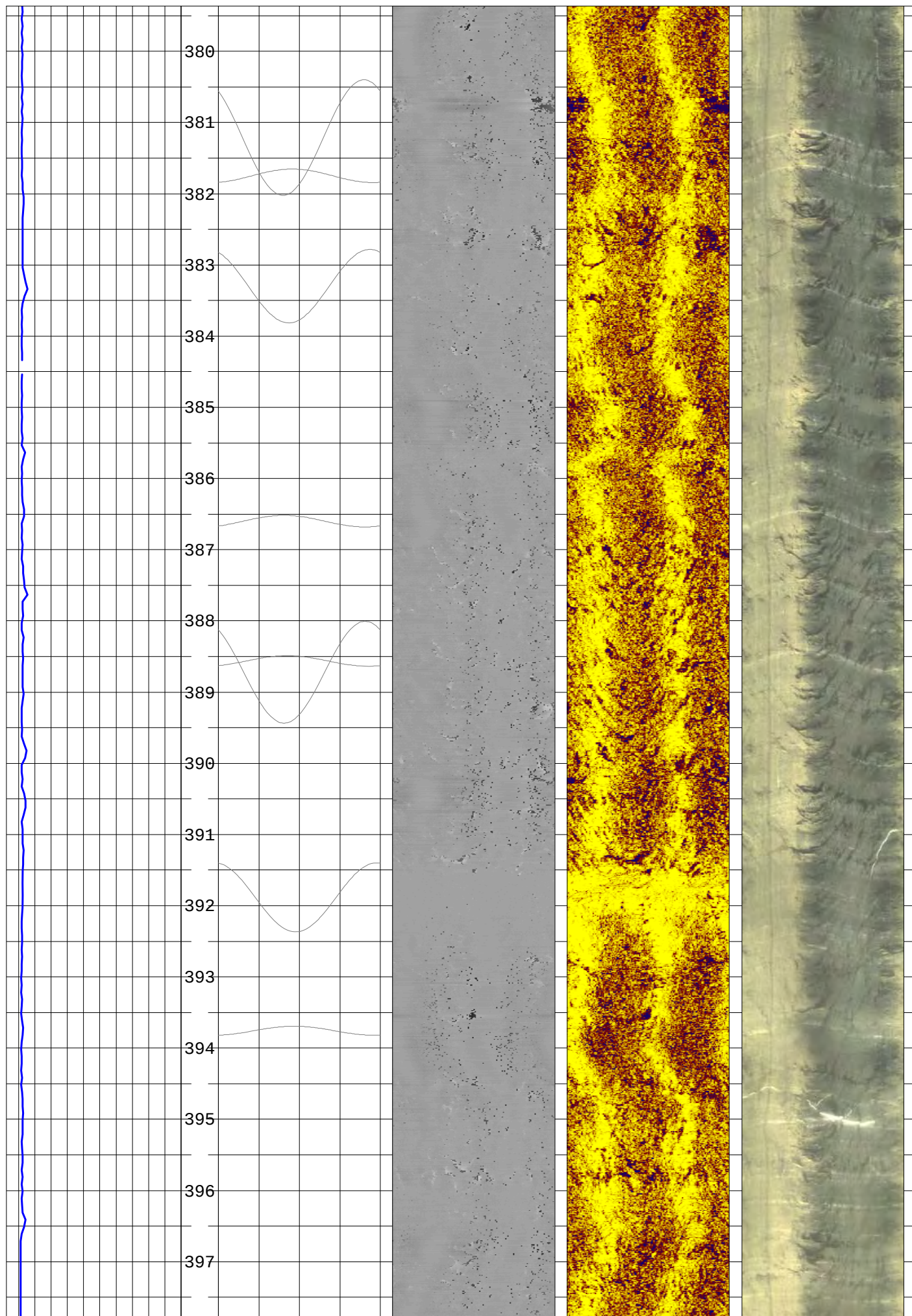


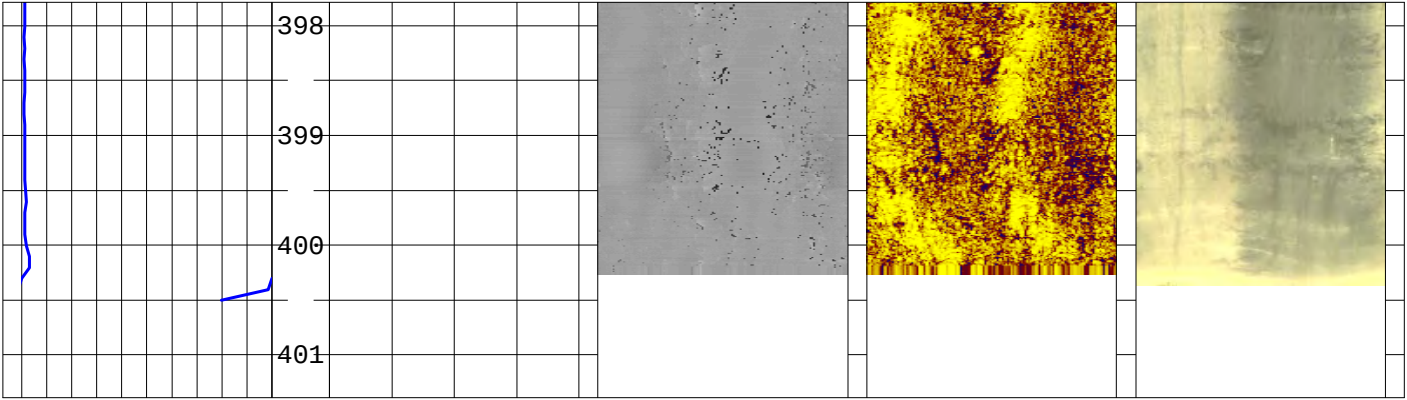




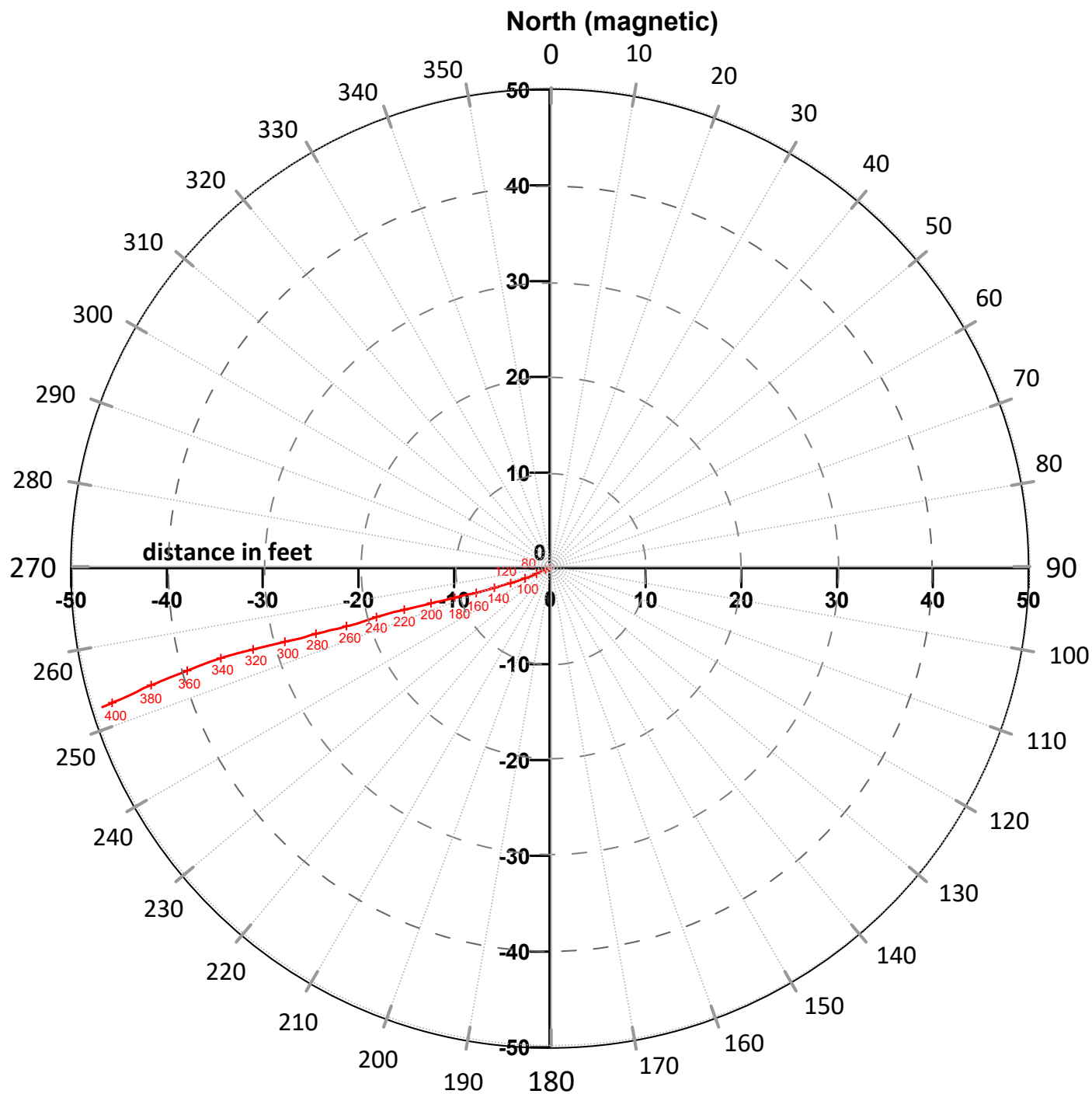








**Plate C-5 Borehole Deviation
BW-06009
Former Loring AFB Site
Limestone, Maine**



20 = total length from surface

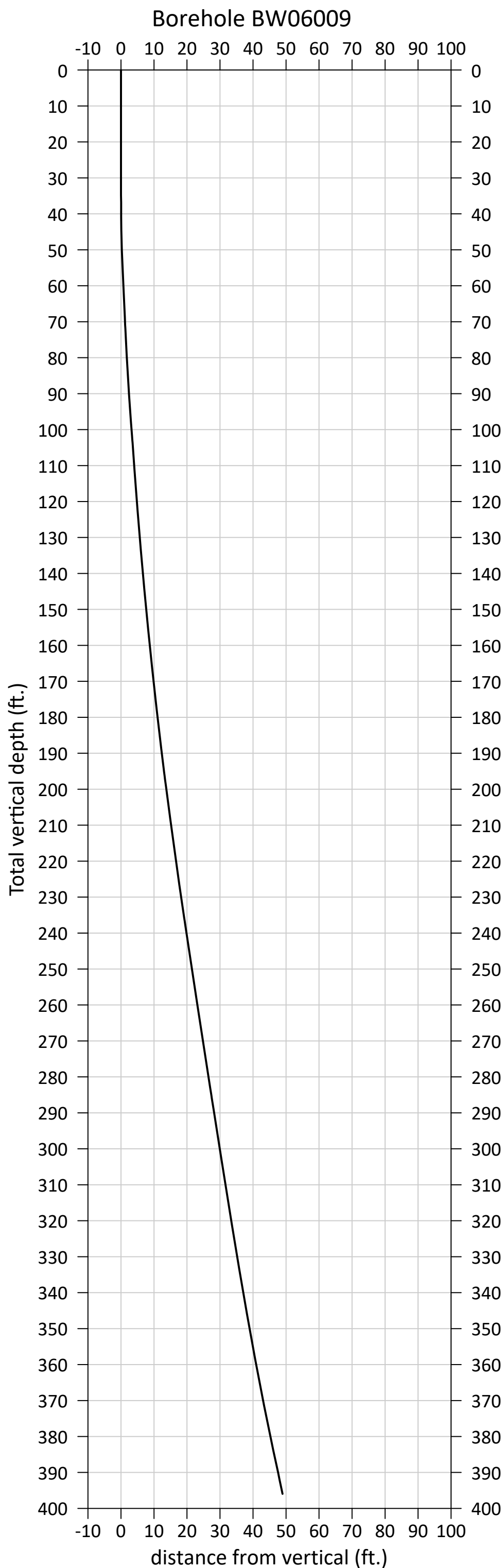


Plate C-6
Borehole Deviation from Vertical
BW-06009
Former Loring AFB Site
Limestone, Maine
borehole deviates ~252 degrees magnetic

TABLE C-1 Planar features interpreted from acoustical and optical televiewers**Former Loring AFB, Limestone, Maine****June, 2024**

Declination: 16.2 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
BW06009	1	38.9	1	25	295	9	279	390	108
BW06009	2	40.7	77	65	335	48	318	13	101
BW06009	3	43.0	71	186	96	169	79	<1 mm	100
BW06009	4	44.1	24	342	252	326	236	7	101
BW06009	5	47.5	31	335	245	319	229	27	108
BW06009	6	49.4	79	337	247	321	231	4	101
BW06009	7	50.8	23	342	252	326	236	11	101
BW06009	8	52.4	25	330	240	314	224	16	108
BW06009	9	55.6	57	338	248	322	232	7	101
BW06009	10	57.1	24	341	251	325	235	16	108
BW06009	11	60.1	26	345	255	329	239	<1 mm	100
BW06009	12	62.5	25	352	262	336	246	<1 mm	100
BW06009	13	64.3	79	149	59	133	43	24	107
BW06009	14	69.1	25	341	251	325	235	14	108
BW06009	15	71.2	80	317	227	301	211	3	101
BW06009	16	71.4	20	340	250	324	234	<1 mm	100
BW06009	17	73.1	83	29	299	12	282	11	101
BW06009	18	74.6	28	343	253	327	237	<1 mm	100
BW06009	19	74.9	79	158	68	141	51	4	108
BW06009	20	76.3	77	333	243	317	227	5	101
BW06009	21	77.2	31	350	260	334	244	29	107
BW06009	22	77.7	20	313	223	296	206	76	107
BW06009	23	78.8	32	360	270	343	253	64	107
BW06009	24	81.3	58	346	256	330	240	19	107
BW06009	25	81.6	38	350	260	334	244	12	108
BW06009	26	83.2	48	346	256	330	240	24	107
BW06009	27	85.0	81	106	16	89	359	<1 mm	100
BW06009	28	86.0	21	3	273	347	257	<1 mm	100
BW06009	29	87.2	12	352	262	336	246	<1 mm	100
BW06009	30	88.9	22	358	268	341	251	<1 mm	100
BW06009	31	91.0	14	48	318	31	301	<1 mm	100
BW06009	32	91.5	16	27	297	10	280	<1 mm	100
BW06009	33	91.5	21	36	306	20	290	<1 mm	100
BW06009	34	94.0	47	99	9	82	352	<1 mm	100
BW06009	35	94.0	38	98	8	82	352	<1 mm	100
BW06009	36	97.0	49	100	10	84	354	<1 mm	100
BW06009	37	97.0	39	97	7	81	351	<1 mm	100
BW06009	38	99.6	83	354	264	338	248	<1 mm	100
BW06009	39	100.4	23	332	242	316	226	<1 mm	100
BW06009	40	103.6	29	330	240	314	224	<1 mm	100
BW06009	41	105.1	19	339	249	323	233	<1 mm	100
BW06009	42	106.7	84	347	257	331	241	<1 mm	100
BW06009	43	108.6	85	356	266	340	250	<1 mm	100
BW06009	44	110.3	34	321	231	305	215	<1 mm	100
BW06009	45	115.2	29	44	314	28	298	<1 mm	100
BW06009	46	116.7	84	332	242	316	226	<1 mm	100
BW06009	47	117.5	74	309	219	293	203	4	101
BW06009	48	119.4	70	317	227	301	211	8	101
BW06009	49	121.3	28	81	351	65	335	<1 mm	100
BW06009	50	122.0	74	305	215	289	199	3	101
BW06009	51	123.6	27	82	352	66	336	<1 mm	100
BW06009	52	129.4	16	13	283	357	267	<1 mm	100
BW06009	53	130.2	15	356	266	340	250	<1 mm	100
BW06009	54	134.4	73	318	228	302	212	<1 mm	100
BW06009	55	136.1	72	307	217	290	200	3	101
BW06009	56	136.7	18	4	274	348	258	<1 mm	100
BW06009	57	138.5	18	340	250	324	234	9	101

TABLE C-1 Planar features interpreted from acoustical and optical televiewers**Former Loring AFB, Limestone, Maine****June, 2024**

Declination: 16.2 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
BW06009	58	140.3	22	353	263	337	247	<1 mm	100
BW06009	59	145.0	25	352	262	336	246	<1 mm	100
BW06009	60	145.6	50	213	123	197	107	<1 mm	100
BW06009	61	147.1	21	345	255	329	239	<1 mm	100
BW06009	62	153.1	20	340	250	324	234	<1 mm	100
BW06009	63	154.4	77	161	71	145	55	<1 mm	100
BW06009	64	156.4	81	165	75	149	59	<1 mm	100
BW06009	65	157.3	22	329	239	313	223	<1 mm	100
BW06009	66	160.3	82	160	70	144	54	<1 mm	100
BW06009	67	160.8	26	341	251	325	235	<1 mm	100
BW06009	68	162.9	26	330	240	314	224	<1 mm	100
BW06009	69	164.8	76	152	62	136	46	<1 mm	100
BW06009	70	166.2	23	332	242	315	225	<1 mm	100
BW06009	71	169.5	80	10	280	354	264	<1 mm	100
BW06009	72	170.2	20	339	249	323	233	<1 mm	100
BW06009	73	172.2	23	343	253	327	237	<1 mm	100
BW06009	74	173.5	81	158	68	142	52	<1 mm	100
BW06009	75	174.2	22	346	256	329	239	<1 mm	100
BW06009	76	177.9	81	165	75	149	59	<1 mm	100
BW06009	77	179.1	23	333	243	317	227	<1 mm	100
BW06009	78	181.5	83	166	76	150	60	<1 mm	100
BW06009	79	184.0	19	349	259	333	243	<1 mm	100
BW06009	80	192.4	63	304	214	288	198	4	101
BW06009	81	193.2	84	158	68	142	52	<1 mm	100
BW06009	82	194.8	26	351	261	334	244	<1 mm	100
BW06009	83	202.5	22	337	247	321	231	<1 mm	100
BW06009	84	203.5	75	151	61	135	45	<1 mm	100
BW06009	85	206.6	83	156	66	140	50	2	101
BW06009	86	209.6	21	338	248	322	232	<1 mm	100
BW06009	87	214.1	85	164	74	148	58	<1 mm	100
BW06009	88	215.0	23	347	257	330	240	<1 mm	100
BW06009	89	217.2	19	342	252	325	235	<1 mm	100
BW06009	90	217.8	15	196	106	180	90	7	101
BW06009	91	218.5	76	141	51	125	35	<1 mm	100
BW06009	92	220.0	24	345	255	329	239	<1 mm	100
BW06009	93	229.8	21	325	235	309	219	<1 mm	100
BW06009	94	232.3	18	327	237	311	221	<1 mm	100
BW06009	95	233.6	28	149	59	132	42	54	107
BW06009	96	234.2	23	349	259	333	243	<1 mm	100
BW06009	97	234.6	71	156	66	140	50	<1 mm	100
BW06009	98	240.2	28	334	244	317	227	<1 mm	100
BW06009	99	242.0	80	161	71	145	55	<1 mm	100
BW06009	100	244.7	30	326	236	310	220	<1 mm	100
BW06009	101	247.3	74	159	69	143	53	<1 mm	100
BW06009	102	247.7	39	338	248	322	232	<1 mm	100
BW06009	103	249.2	77	166	76	150	60	<1 mm	100
BW06009	104	250.0	39	332	242	316	226	<1 mm	100
BW06009	105	251.2	74	161	71	145	55	<1 mm	100
BW06009	106	251.3	38	328	238	312	222	<1 mm	100
BW06009	107	254.0	88	91	1	75	345	4	101
BW06009	108	255.3	41	332	242	316	226	<1 mm	100
BW06009	109	255.5	79	171	81	154	64	<1 mm	100
BW06009	110	258.3	71	166	76	150	60	<1 mm	100
BW06009	111	261.5	51	330	240	314	224	<1 mm	100
BW06009	112	263.7	67	166	76	150	60	<1 mm	100
BW06009	113	267.3	64	132	42	116	26	<1 mm	100
BW06009	114	268.1	84	99	9	83	353	<1 mm	100

TABLE C-1 Planar features interpreted from acoustical and optical televiewers**Former Loring AFB, Limestone, Maine****June, 2024**

Declination: 16.2 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
BW06009	115	268.9	47	330	240	314	224	8	101
BW06009	116	269.9	44	325	235	308	218	8	101
BW06009	117	270.7	66	163	73	146	56	<1 mm	100
BW06009	118	272.1	46	336	246	320	230	<1 mm	100
BW06009	119	273.8	36	77	347	60	330	<1 mm	100
BW06009	120	276.1	74	169	79	153	63	<1 mm	100
BW06009	121	277.7	38	328	238	312	222	<1 mm	100
BW06009	122	279.5	51	60	330	44	314	<1 mm	100
BW06009	123	280.1	38	334	244	317	227	<1 mm	100
BW06009	124	281.9	76	153	63	137	47	<1 mm	100
BW06009	125	283.6	76	153	63	136	46	<1 mm	100
BW06009	126	285.7	42	338	248	322	232	<1 mm	100
BW06009	127	286.9	69	150	60	134	44	<1 mm	100
BW06009	128	287.0	39	337	247	321	231	<1 mm	100
BW06009	129	289.7	42	340	250	324	234	<1 mm	100
BW06009	130	292.3	73	162	72	145	55	<1 mm	100
BW06009	131	294.4	38	329	239	312	222	<1 mm	100
BW06009	132	296.4	36	333	243	317	227	<1 mm	100
BW06009	133	298.7	35	346	256	330	240	<1 mm	100
BW06009	134	301.3	40	325	235	309	219	<1 mm	100
BW06009	135	302.5	38	340	250	323	233	5	101
BW06009	136	304.3	34	345	255	328	238	<1 mm	100
BW06009	137	305.2	69	180	90	163	73	<1 mm	100
BW06009	138	306.6	85	102	12	86	356	<1 mm	100
BW06009	139	307.1	40	338	248	321	231	<1 mm	100
BW06009	140	308.5	77	161	71	145	55	<1 mm	100
BW06009	141	313.5	37	353	263	337	247	<1 mm	100
BW06009	142	316.8	35	335	245	318	228	<1 mm	100
BW06009	143	318.4	73	163	73	147	57	<1 mm	100
BW06009	144	324.3	37	346	256	330	240	<1 mm	100
BW06009	145	325.6	29	339	249	323	233	<1 mm	100
BW06009	146	330.0	31	341	251	325	235	<1 mm	100
BW06009	147	330.4	73	142	52	126	36	<1 mm	100
BW06009	148	333.5	28	341	251	325	235	6	101
BW06009	149	335.3	81	155	65	139	49	<1 mm	100
BW06009	150	336.7	27	351	261	335	245	<1 mm	100
BW06009	151	336.7	84	162	72	146	56	<1 mm	100
BW06009	152	339.3	26	337	247	321	231	<1 mm	100
BW06009	153	341.1	23	335	245	319	229	<1 mm	100
BW06009	154	343.8	18	328	238	312	222	<1 mm	100
BW06009	155	344.5	77	172	82	156	66	<1 mm	100
BW06009	156	346.6	25	330	240	314	224	<1 mm	100
BW06009	157	348.9	19	332	242	316	226	<1 mm	100
BW06009	158	351.4	79	166	76	149	59	<1 mm	100
BW06009	159	351.9	23	345	255	328	238	<1 mm	100
BW06009	160	355.8	76	132	42	116	26	<1 mm	100
BW06009	161	359.6	64	358	268	341	251	<1 mm	100
BW06009	162	363.6	73	157	67	141	51	<1 mm	100
BW06009	163	368.0	70	162	72	145	55	<1 mm	100
BW06009	164	371.7	26	337	247	321	231	<1 mm	100
BW06009	165	373.5	76	162	72	146	56	<1 mm	100
BW06009	166	376.4	34	333	243	317	227	<1 mm	100
BW06009	167	378.5	24	325	235	309	219	<1 mm	100
BW06009	168	381.2	79	143	53	127	37	<1 mm	100
BW06009	169	381.8	30	345	255	328	238	<1 mm	100
BW06009	170	383.3	72	157	67	140	50	<1 mm	100
BW06009	171	386.6	26	326	236	310	220	<1 mm	100

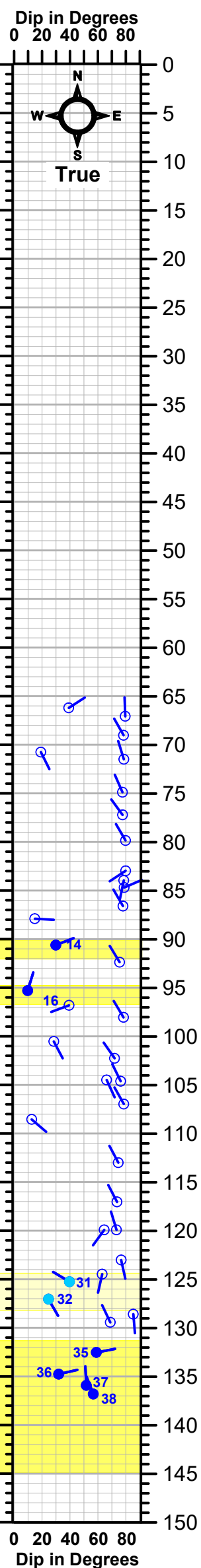
TABLE C-1 Planar features interpreted from acoustical and optical televiewers**Former Loring AFB, Limestone, Maine****June, 2024**

Declination: 16.2 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
BW06009	172	388.6	24	333	243	317	227	<1 mm	100
BW06009	173	388.7	77	146	56	130	40	<1 mm	100
BW06009	174	391.9	71	172	82	156	66	<1 mm	100
BW06009	175	393.8	21	348	258	332	242	<1 mm	100

Explanation:

	Category 100 = planar feature (possible fracture, joint, foliation, bedding, etc.) aperture less than 1 mm
	Category 101 = planar feature (possible fracture, joint, foliation, bedding, etc.) aperture > 1 mm
	Category 107 = Likely water bearing feature
	Category 108 = Possible water bearing fracture



Tadpole tail indicates dip direction.
The solid tadpoles with a feature number are the ones interpreted to be likely or possibly transmissive.

BW120071/D
Former Loring AFB
Limestone, ME

PLATE D-2

Strike and Dip Direction
of all features

Based on 38 measurements in
BW120071/D borehole

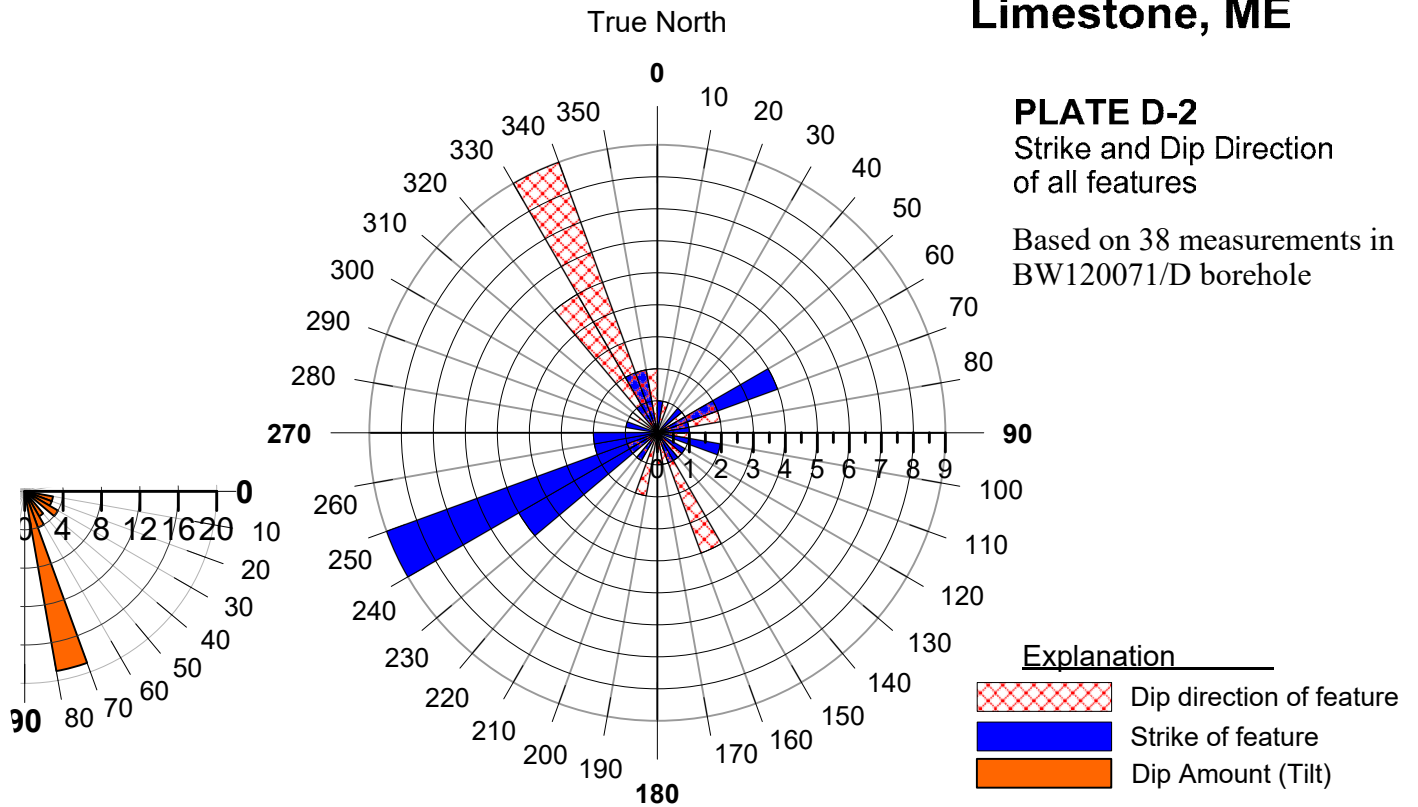
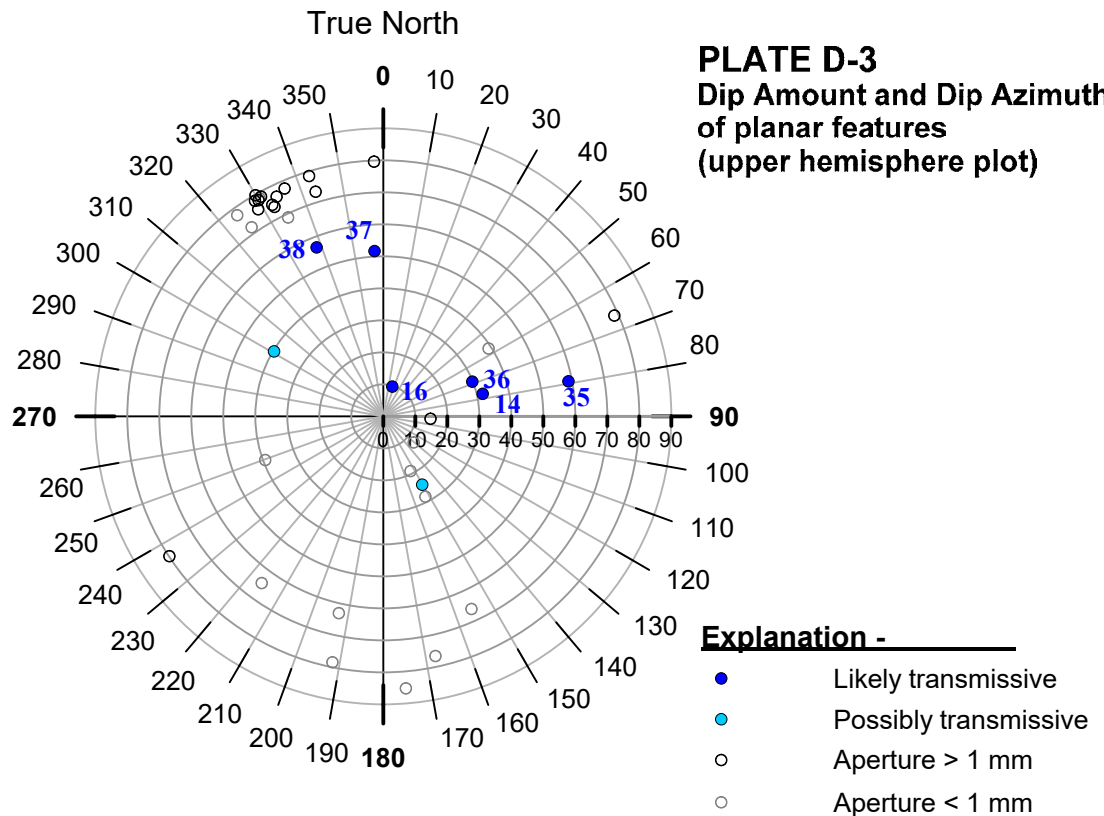


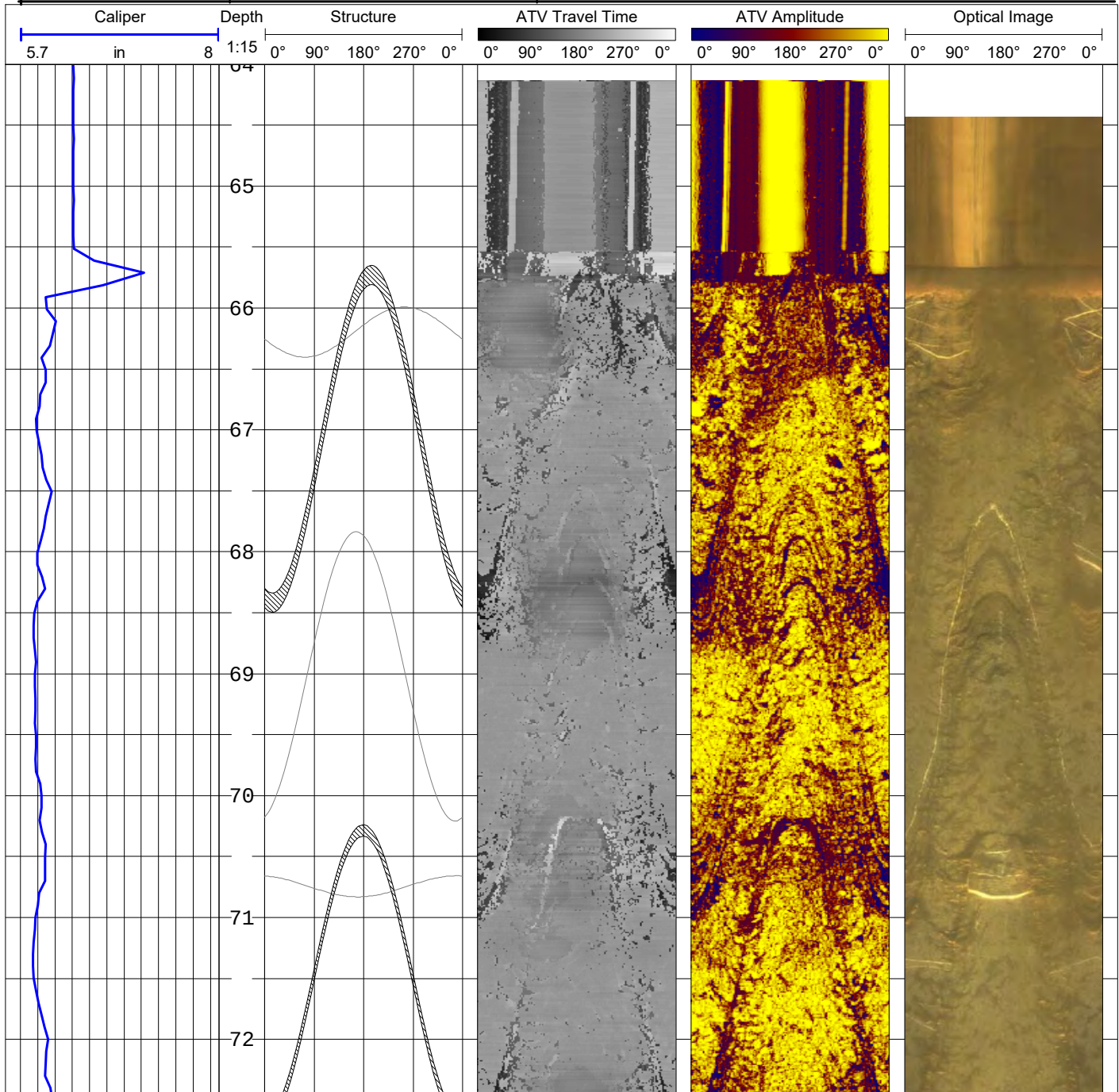
PLATE D-3

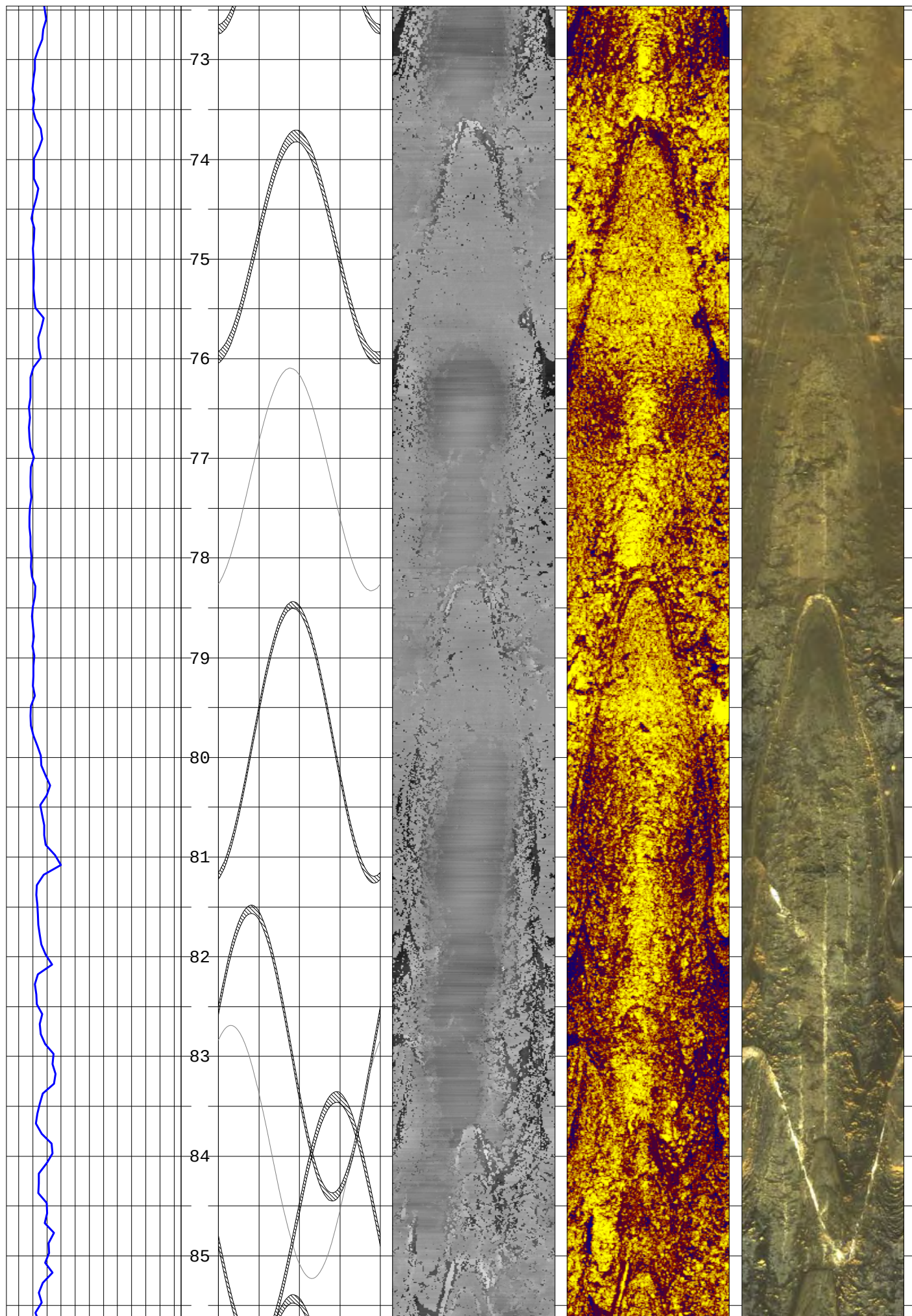
Dip Amount and Dip Azimuth
of planar features
(upper hemisphere plot)

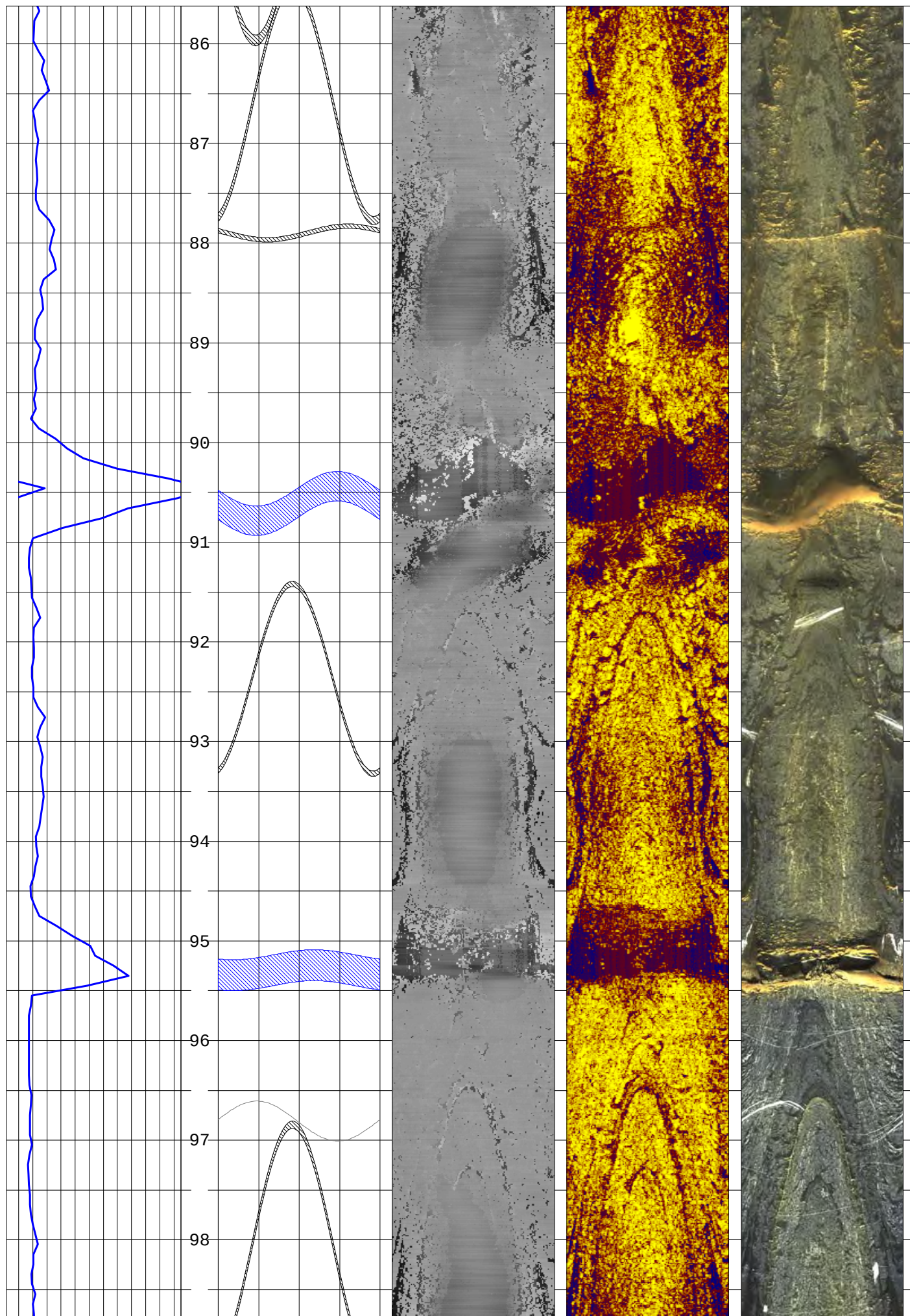


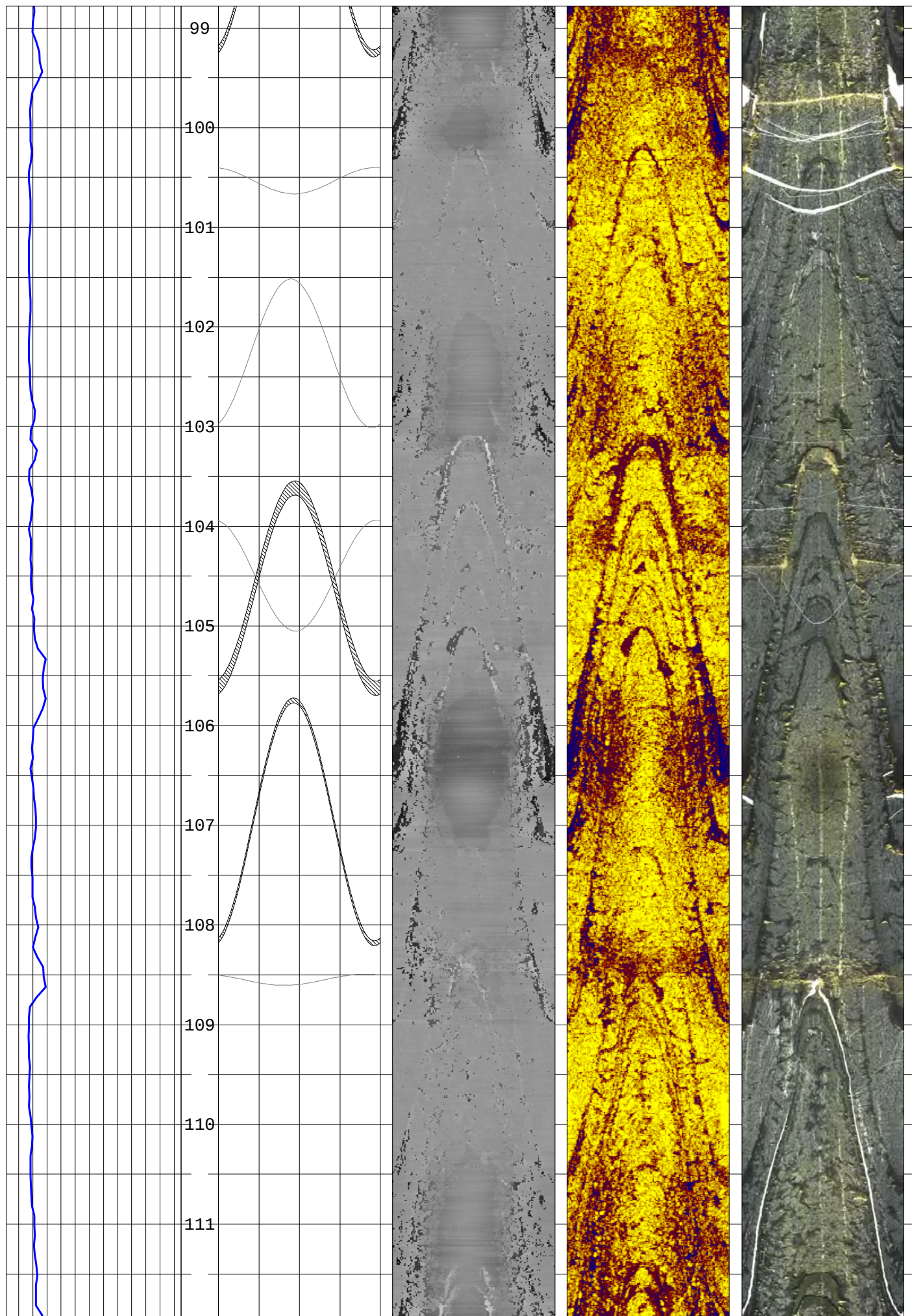
Declination: 16.2 degrees west

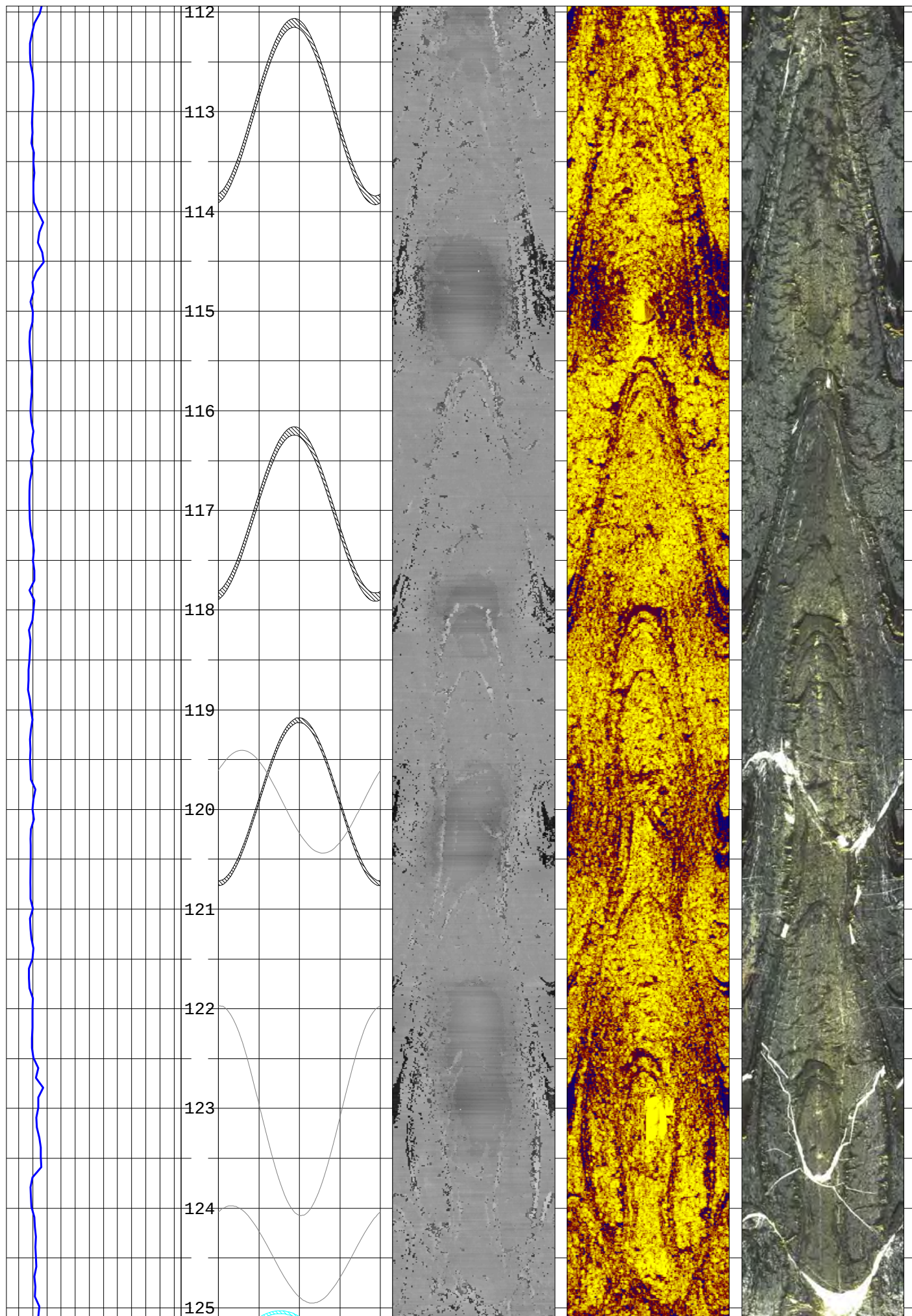
Northeast Geophysical Services 4 Union Street Bangor, Maine 04401 Tel. 207-942-2700 email: ngsinc@negeophysical.com		Log: Plate D-4 Televiwer & Caliper Logs
		Well: BW120071\D
		Site: Former Loring AFB
Date:	6/05/24	Location: Limestone, Maine
Casing Depth	65.5 ft.	For: WSP
Casing Type:	6 in steel	Logged by: R Rawcliffe
Boring Depth:	144.7 ft.	Orientation: magnetic north
Meas. From:	top of casing	Structure Plots: black = planar features (faults, foliation, bedding, joints, etc) light blue = possibly transmissive fracture dark blue = likely transmissive fracture
Stickup:	-0.30 ft.	
Water Level:	15.57 ft.	











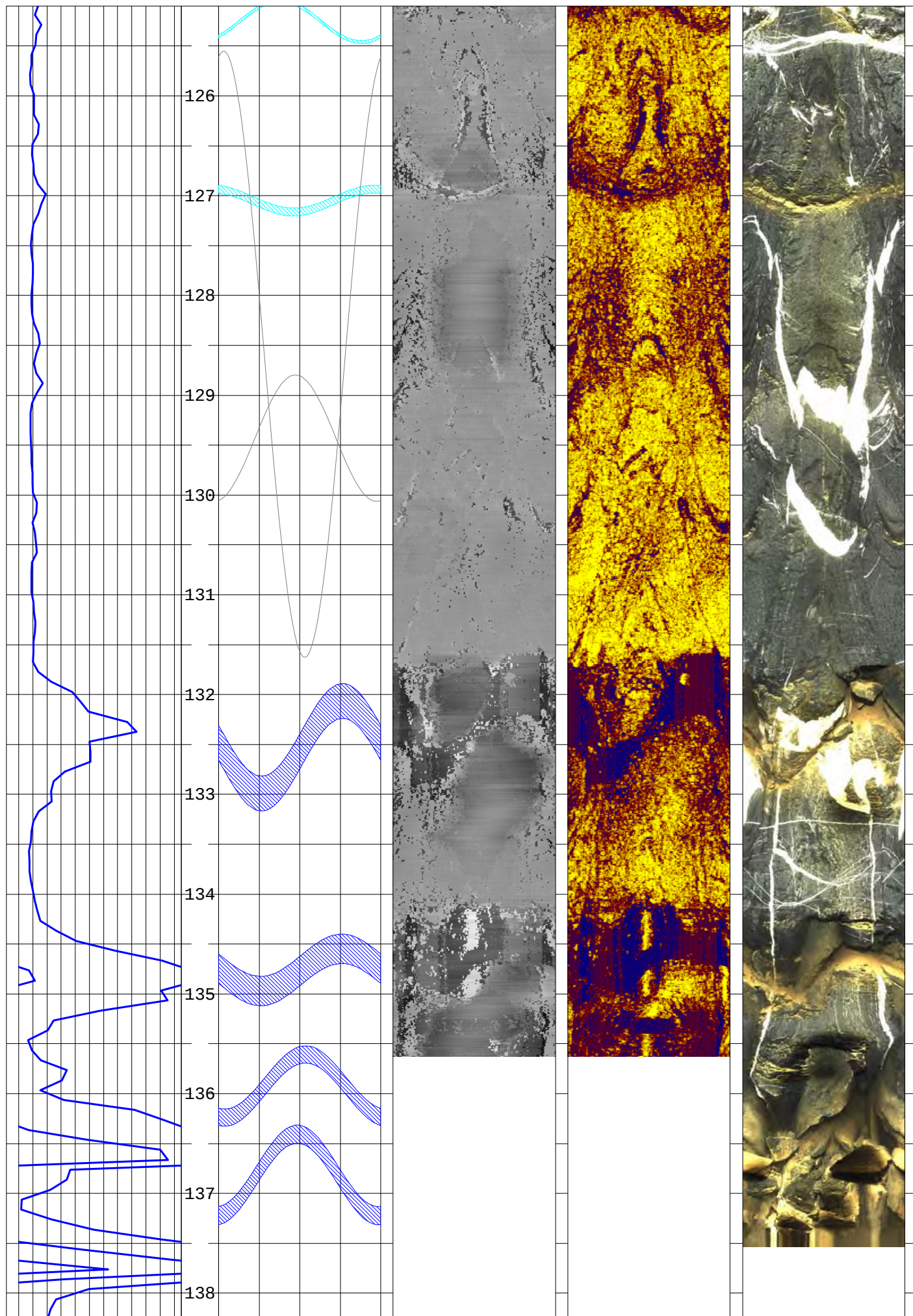


TABLE D-1 Planar features interpreted from acoustical and optical televiewers
Former Loring AFB Site - Limestone, Maine

June, 2024

Declination: 16.2 degrees west

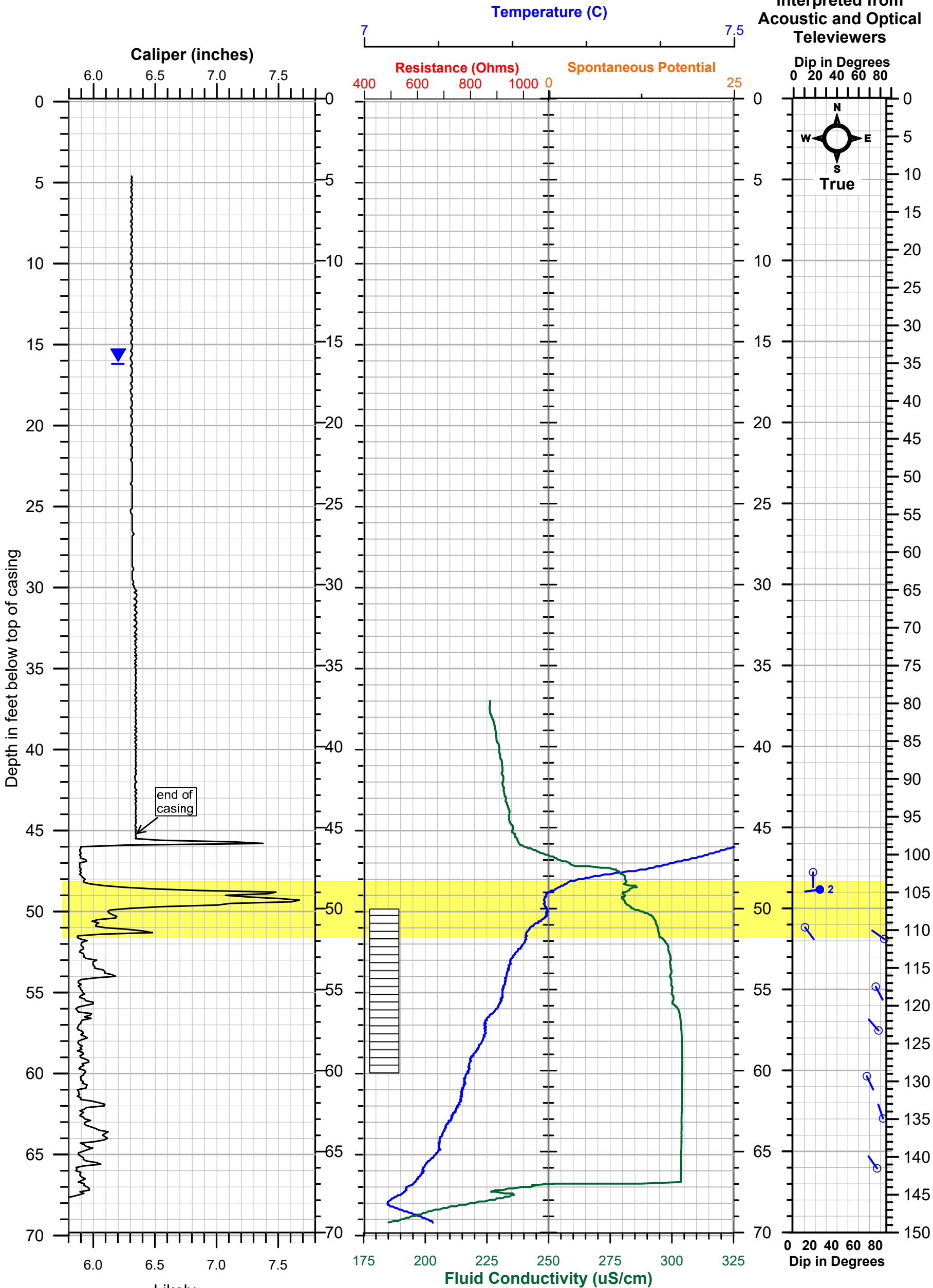
Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
BW120071-D	1	66.2	39	73	343	57	327	0	100
BW120071-D	2	67.1	80	14	284	358	268	9	101
BW120071-D	3	69.0	78	347	257	330	240	0	100
BW120071-D	4	70.8	19	170	80	154	64	0	100
BW120071-D	5	71.5	79	359	269	343	253	6	101
BW120071-D	6	74.9	78	353	263	337	247	8	101
BW120071-D	7	77.2	78	340	250	324	234	0	100
BW120071-D	8	79.9	80	346	256	330	240	4	101
BW120071-D	9	83.0	80	253	163	237	147	5	101
BW120071-D	10	84.0	79	208	118	192	102	0	100
BW120071-D	11	84.7	79	83	353	66	336	6	101
BW120071-D	12	86.6	78	346	256	330	240	5	101
BW120071-D	13	87.9	15	109	19	93	3	14	101
BW120071-D	14	90.6	30	85	355	69	339	77	107
BW120071-D	15	92.4	76	345	255	329	239	4	101
BW120071-D	16	95.3	10	33	303	17	287	93	107
BW120071-D	17	96.8	39	266	176	250	160	0	100
BW120071-D	18	98.1	78	345	255	329	239	5	101
BW120071-D	19	100.5	28	169	79	152	62	0	100
BW120071-D	20	102.3	72	341	251	325	235	0	100
BW120071-D	21	104.5	66	172	82	155	65	0	100
BW120071-D	22	104.6	76	350	260	334	244	10	101
BW120071-D	23	107.0	79	347	257	331	241	3	101
BW120071-D	24	108.6	13	147	57	131	41	0	100
BW120071-D	25	113.0	75	349	259	332	242	7	101
BW120071-D	26	117.0	74	349	259	333	243	7	101
BW120071-D	27	119.9	73	359	269	343	253	4	101
BW120071-D	28	119.9	65	232	142	216	126	0	100
BW120071-D	29	123.0	77	184	94	168	78	0	100
BW120071-D	30	124.5	63	209	119	193	103	0	100
BW120071-D	31	125.3	40	317	227	301	211	7	108
BW120071-D	32	127.1	25	166	76	150	60	23	108
BW120071-D	33	128.6	85	191	101	175	85	0	100
BW120071-D	34	129.4	69	351	261	334	244	0	100
BW120071-D	35	132.5	59	95	5	79	349	55	107
BW120071-D	36	134.8	32	93	3	77	347	76	107
BW120071-D	37	135.9	52	13	283	357	267	33	107
BW120071-D	38	136.8	57	355	265	338	248	30	107

Explanation:

	Category 100 = planar feature (possible fracture, joint, foliation, bedding, etc.) aperture less than 1 mm
	Category 101 = planar feature (possible fracture, joint, foliation, bedding, etc.) aperture > 1 mm
	Category 107 = Likely water bearing feature
	Category 108 = Possible water bearing fracture

PLATE E-1
Borehole Geophysical Log
BW120071/S
Limestone, Maine

Date logged: 06/05/24



-  = Likely transmissive zone
-  = Possible transmissive zone
-  = Well Screen location

PLATE E-1
Borehole Geophysical Log
BW120071/S
Limestone, Maine

Tadpole tail indicates dip direction.
The solid tadpoles with a feature number are the ones interpreted to be likely or possibly transmissive.

BW120071/S
Former Loring AFB
Limestone, ME

PLATE E-2

Strike and Dip Direction
of all features

Based on 9 measurements in
BW120071/S borehole

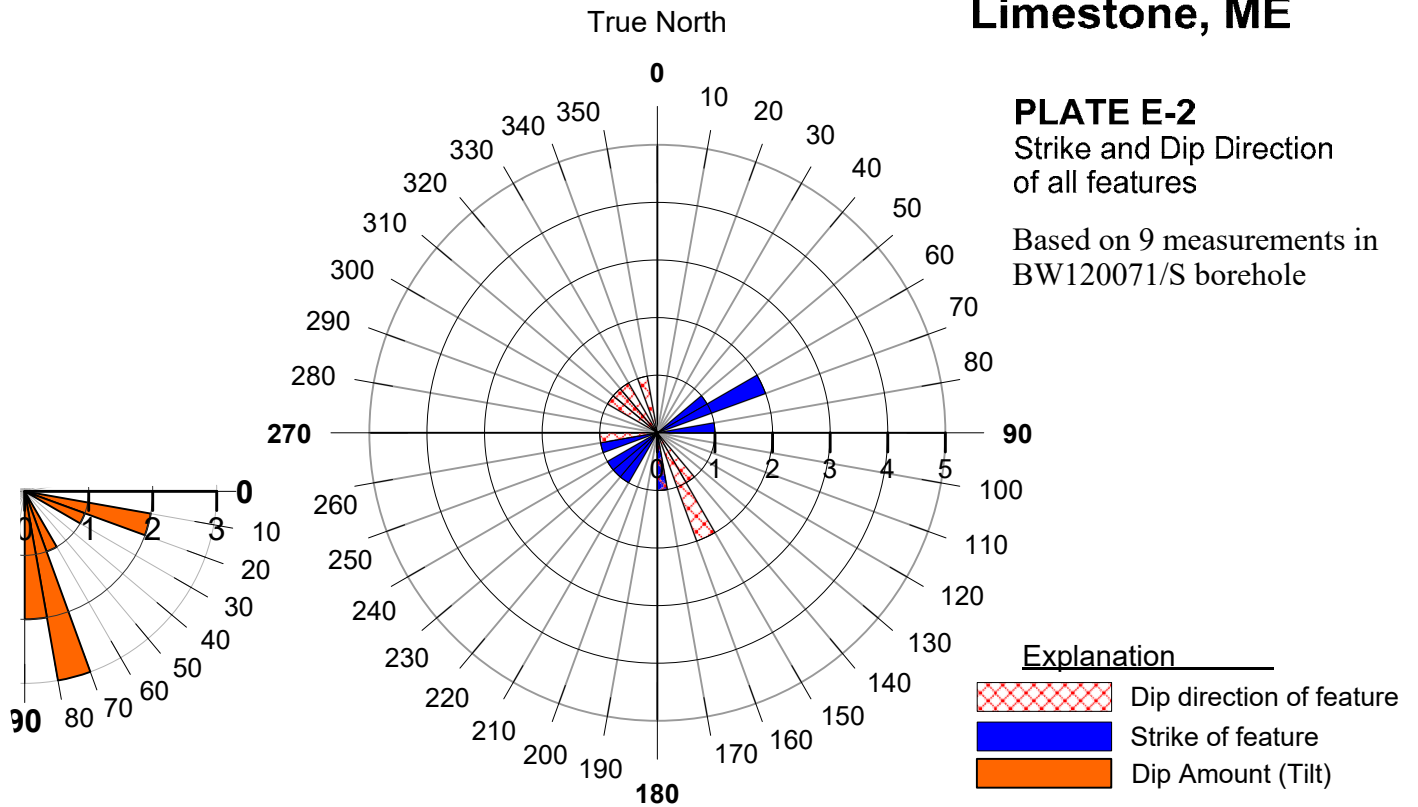
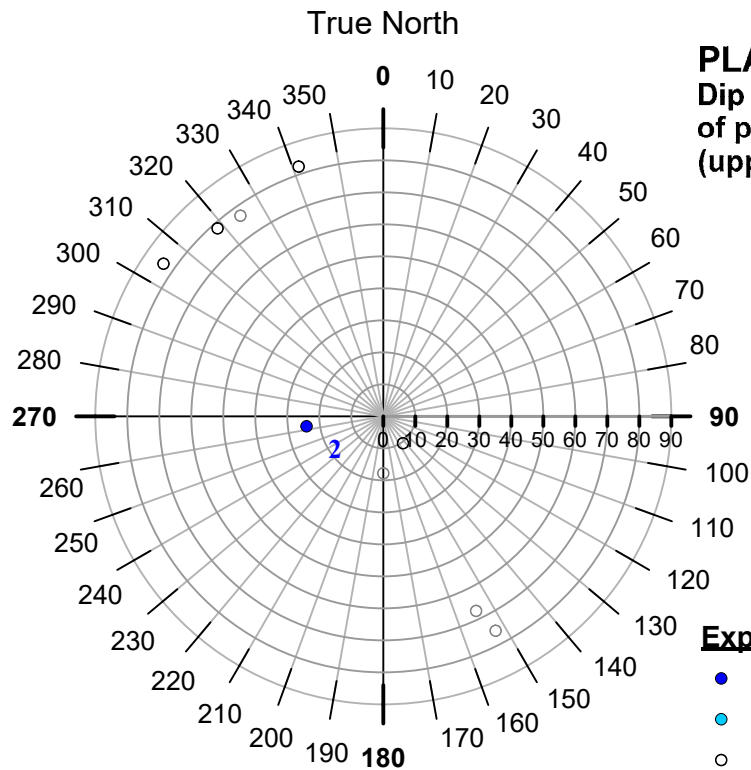


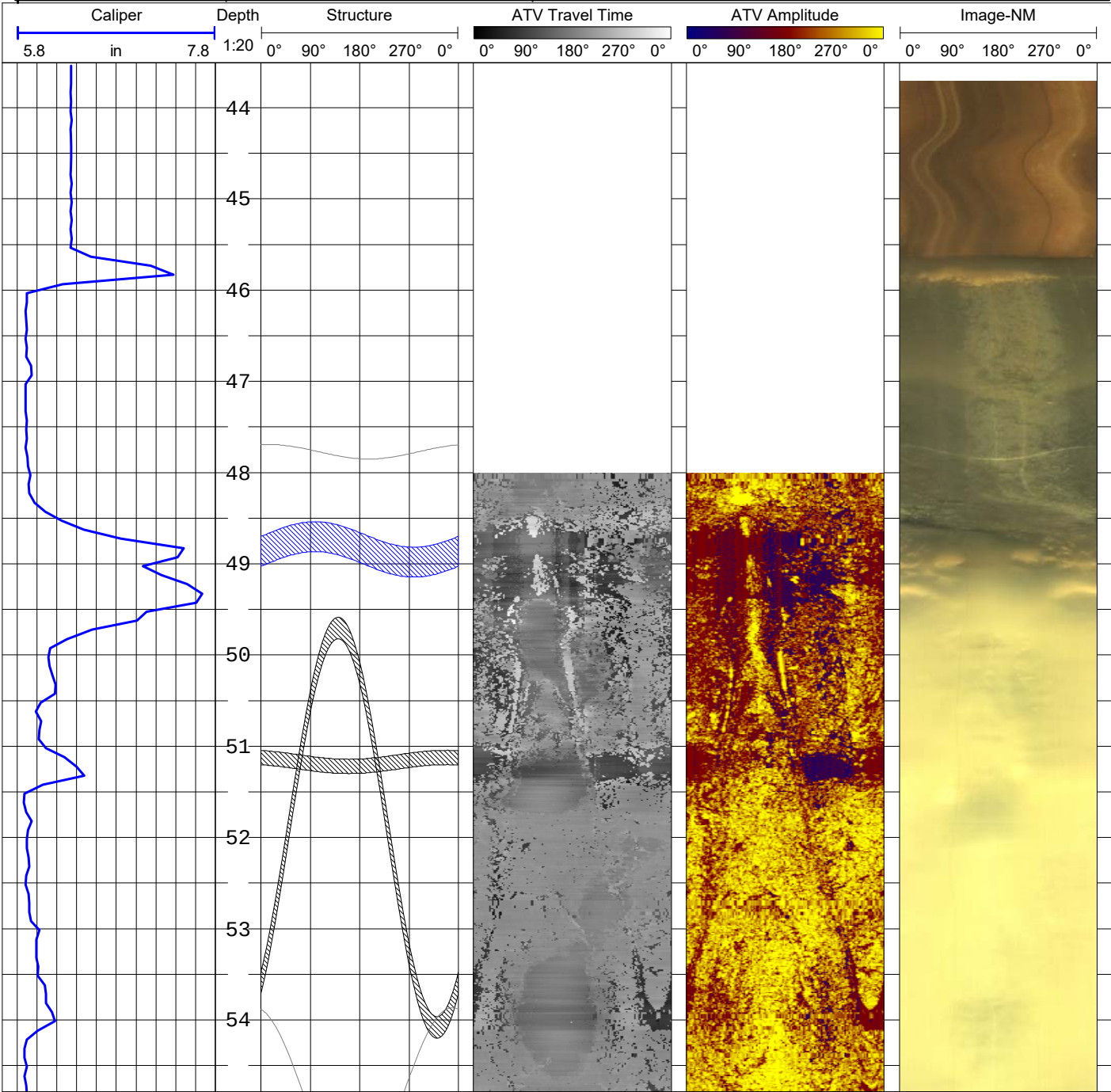
PLATE E-3

Dip Amount and Dip Azimuth
of planar features
(upper hemisphere plot)



Declination: 16.2 degrees west

Northeast Geophysical Services 4 Union Street Bangor, Maine 04401 Tel. 207-942-2700 email: ngsinc@negeophysical.com		Log: Plate E-4 Televiwer & Caliper Logs	
		Well: BW120071\S	
		Site: Former Loring AFB	
Date:	6/05/24	Location: Limestone, Maine	
Casing Depth	45.6 ft.	For: WSP	
Casing Type:	6 in steel	Logged by: R Rawcliffe	
Boring Depth:	70.1 ft.	Orientation: magnetic north	
Meas. From:	top of casing	Structure Plots: black = planar features (faults, foliation, bedding, joints, etc) light blue = possibly transmissive fracture dark blue = likely transmissive fracture	
Stickup:	-0.80 ft.		
Water Level:	16.20 ft.		



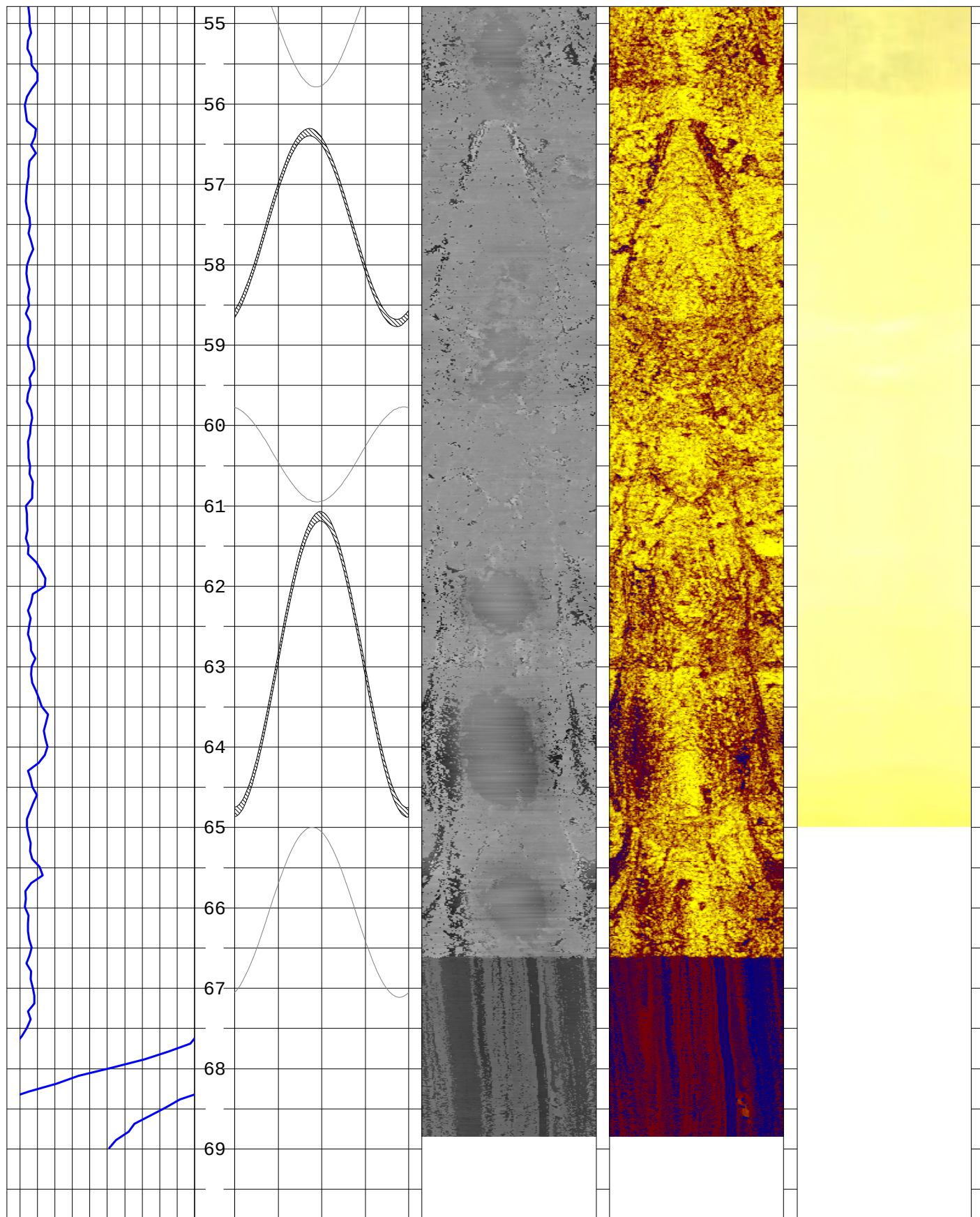


TABLE E-1 Planar features interpreted from acoustical and optical televiewers
Former Loring AFB Site - Limestone, Maine

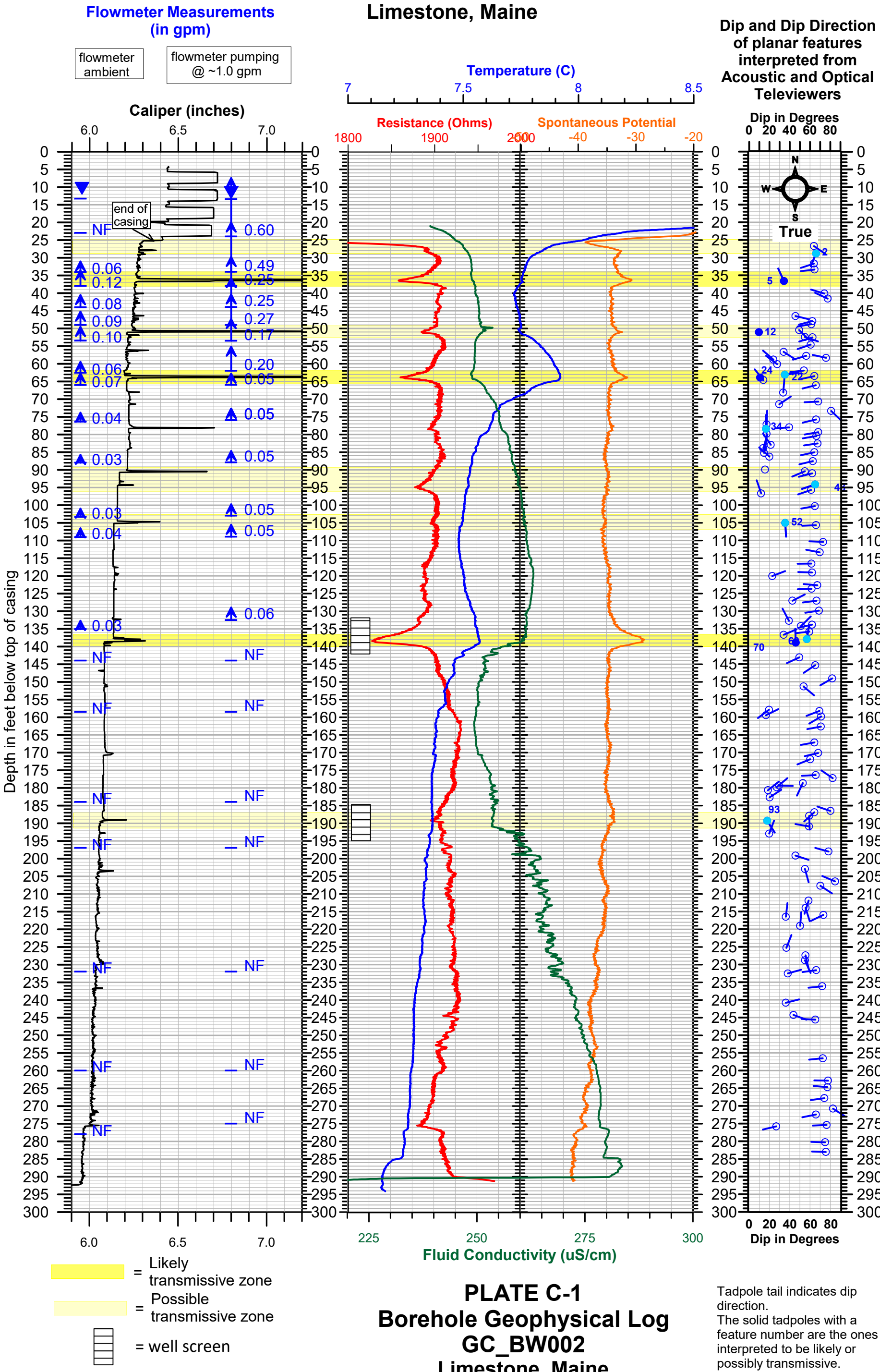
June, 2024

Declination: 16.2 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
BW120071-S	1	47.8	18	196	106	180	90	<1 mm	100
BW120071-S	2	48.8	24	279	189	263	173	91	107
BW120071-S	3	51.2	10	160	70	144	54	47	101
BW120071-S	4	51.9	84	321	231	305	215	8	101
BW120071-S	5	54.8	76	169	79	152	62	<1 mm	100
BW120071-S	6	57.5	78	335	245	319	229	6	101
BW120071-S	7	60.4	67	171	81	154	64	<1 mm	100
BW120071-S	8	63.0	82	357	267	341	251	5	101
BW120071-S	9	66.1	77	341	251	325	235	<1 mm	100

Explanation:

	Category 100 = planar feature (possible fracture, joint, foliation, bedding, etc.) aperture less than 1 mm
	Category 101 = planar feature (possible fracture, joint, foliation, bedding, etc.) aperture > 1 mm
	Category 107 = Likely water bearing feature
	Category 108 = Possible water bearing fracture



GC_BW002
Former Loring AFB
Limestone, ME

PLATE C-2

Strike and Dip Direction
of all features

Based on 124 measurements in
GC_BW002 borehole

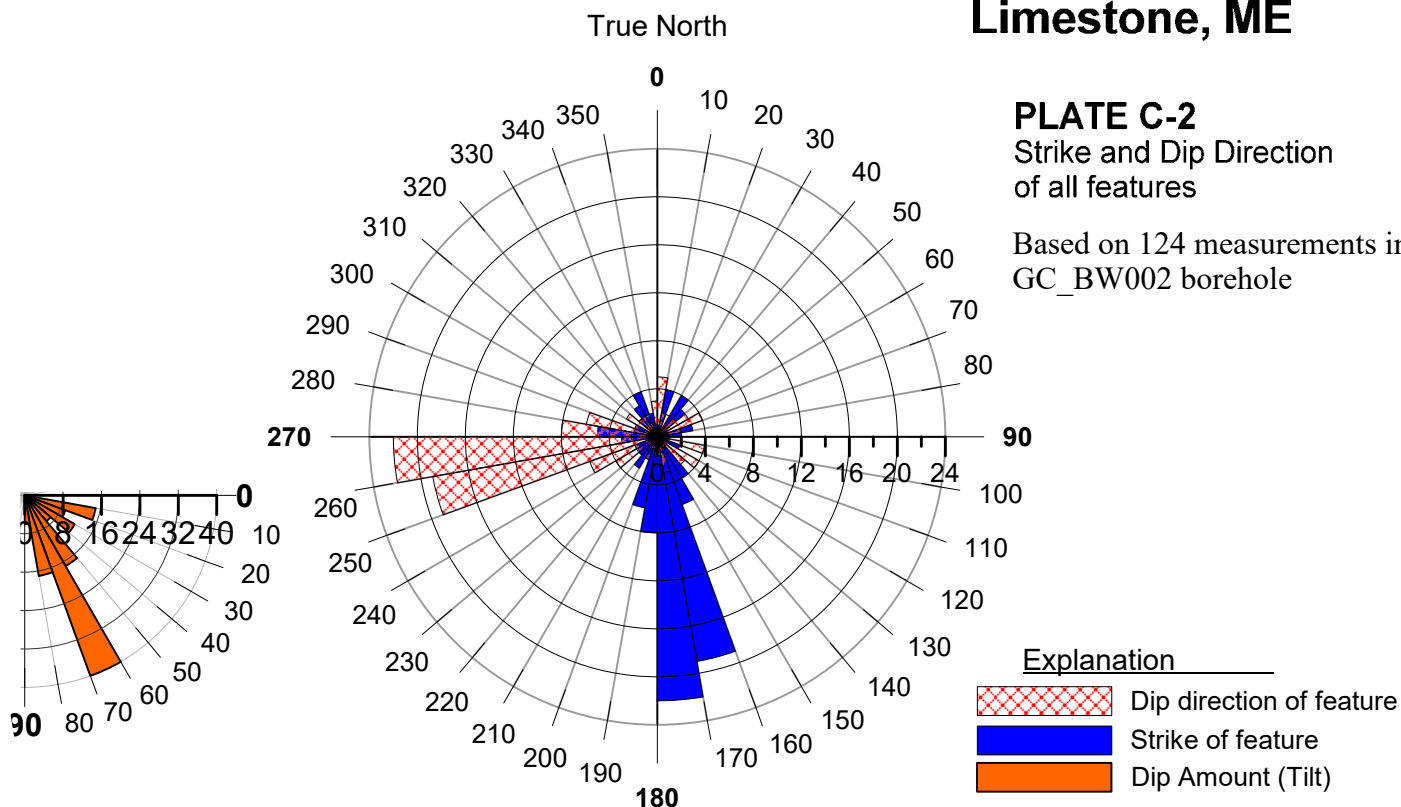
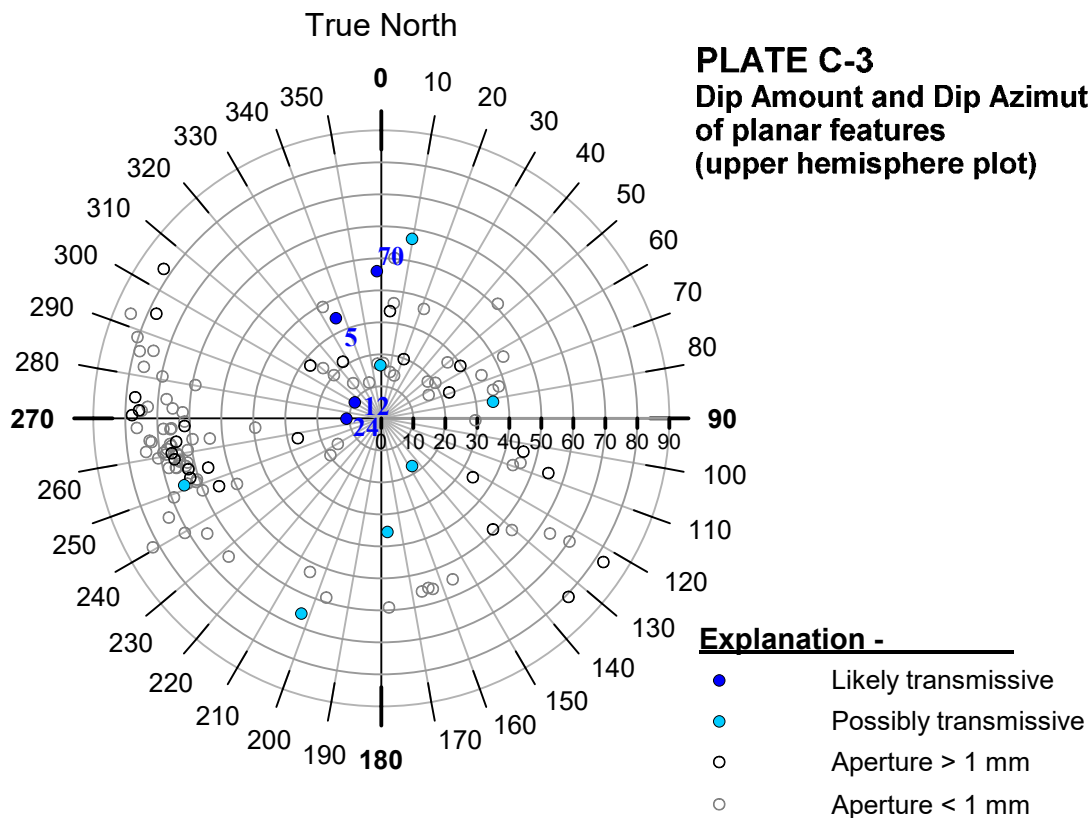


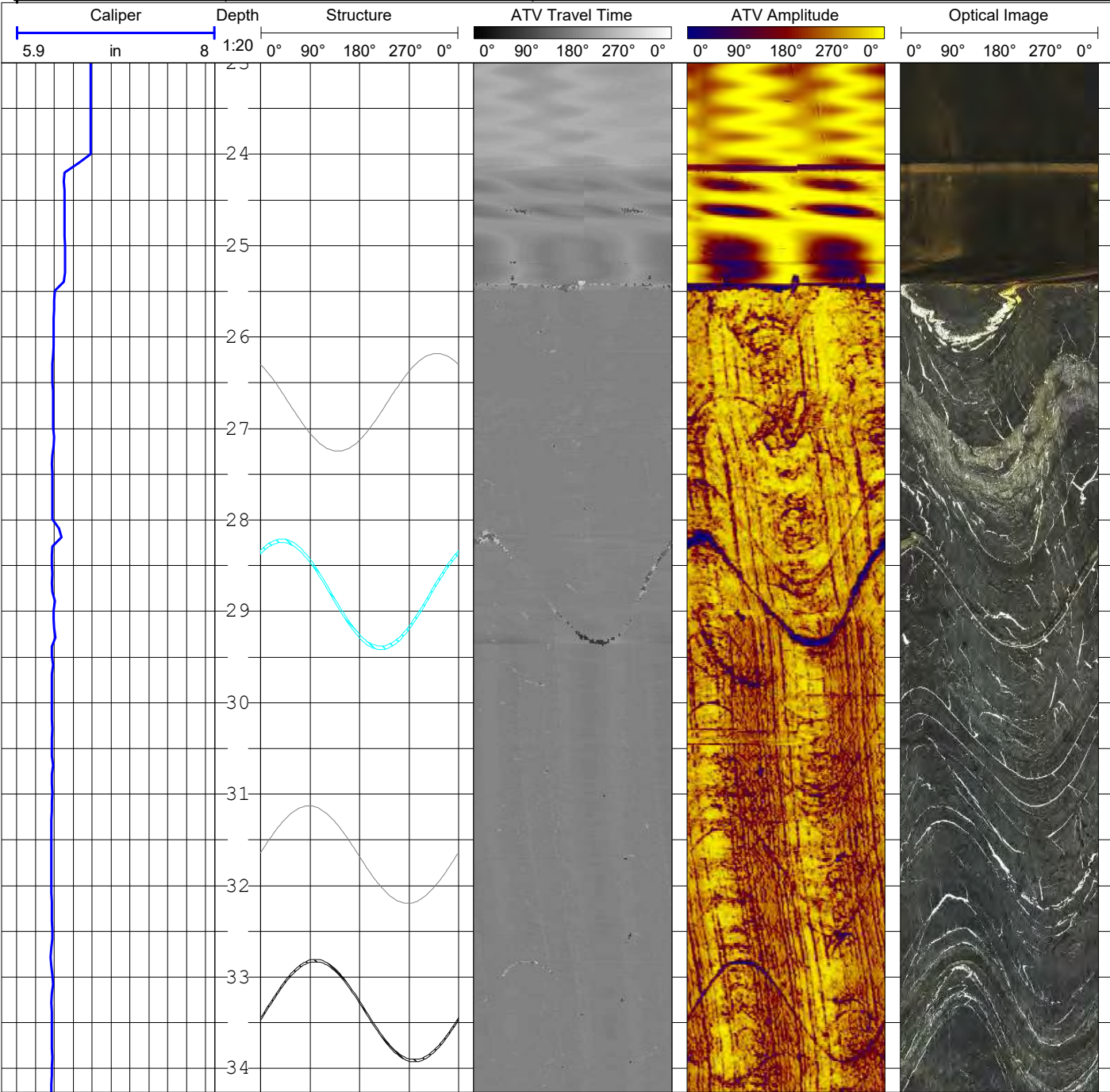
PLATE C-3

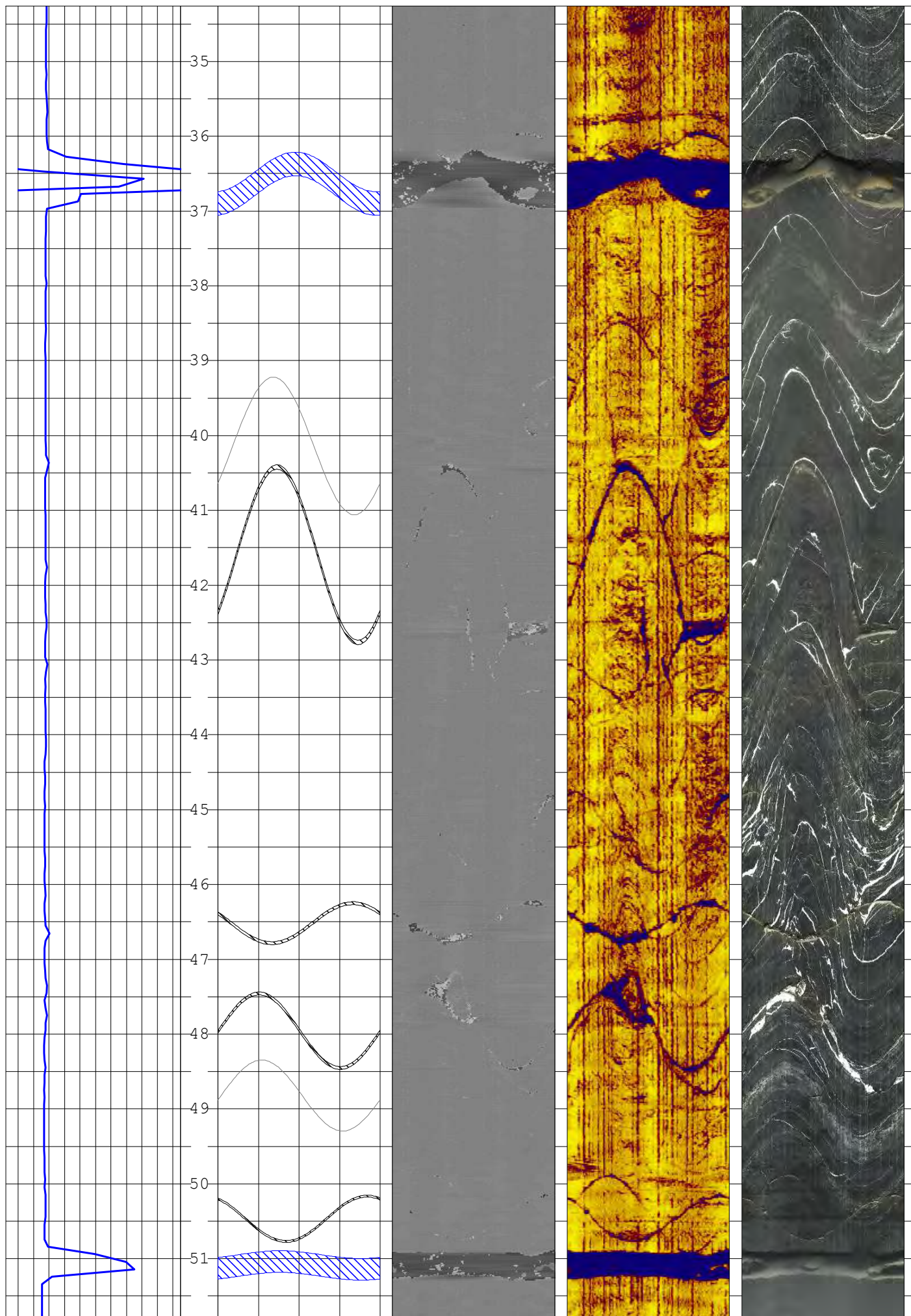
Dip Amount and Dip Azimuth
of planar features
(upper hemisphere plot)

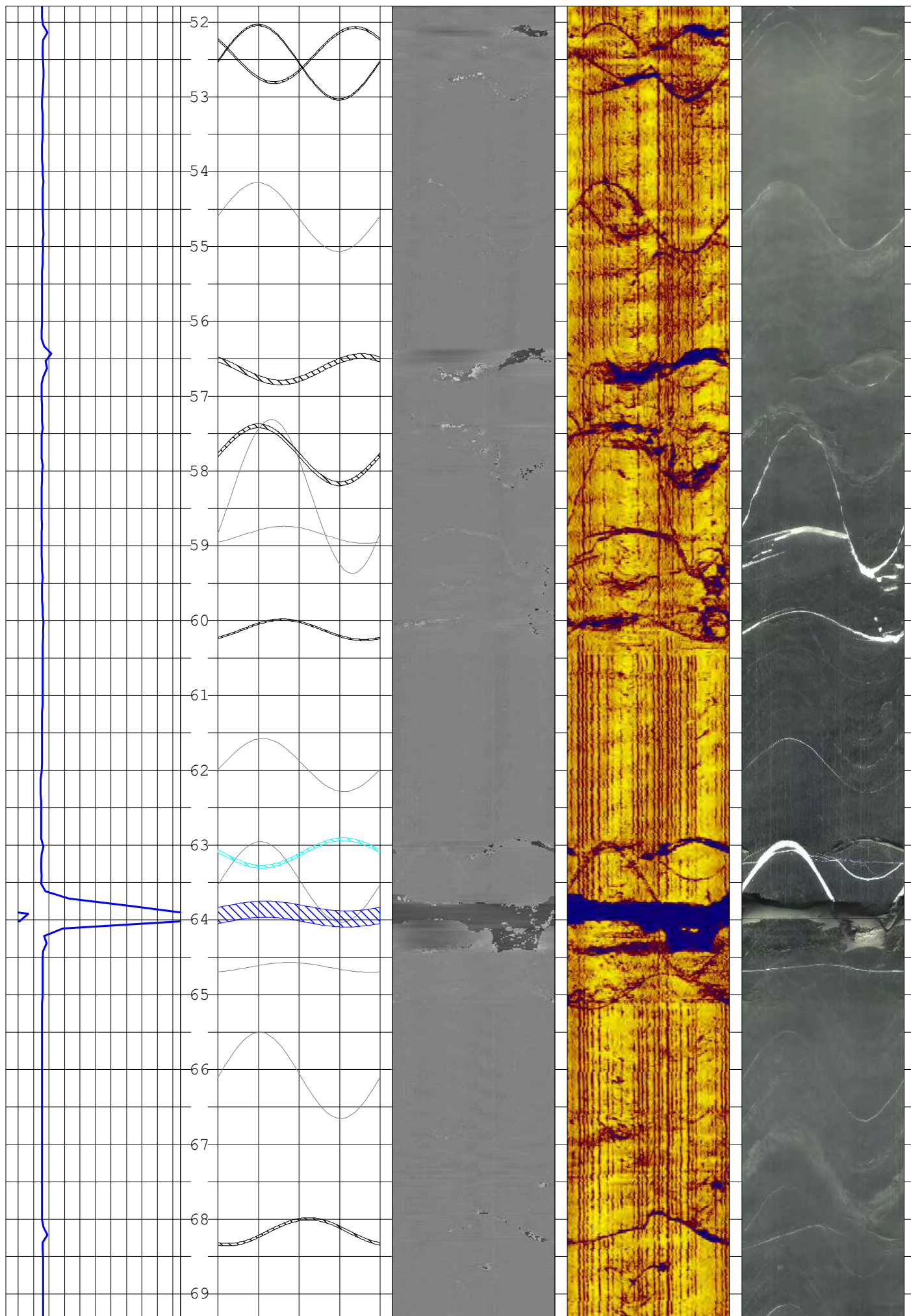


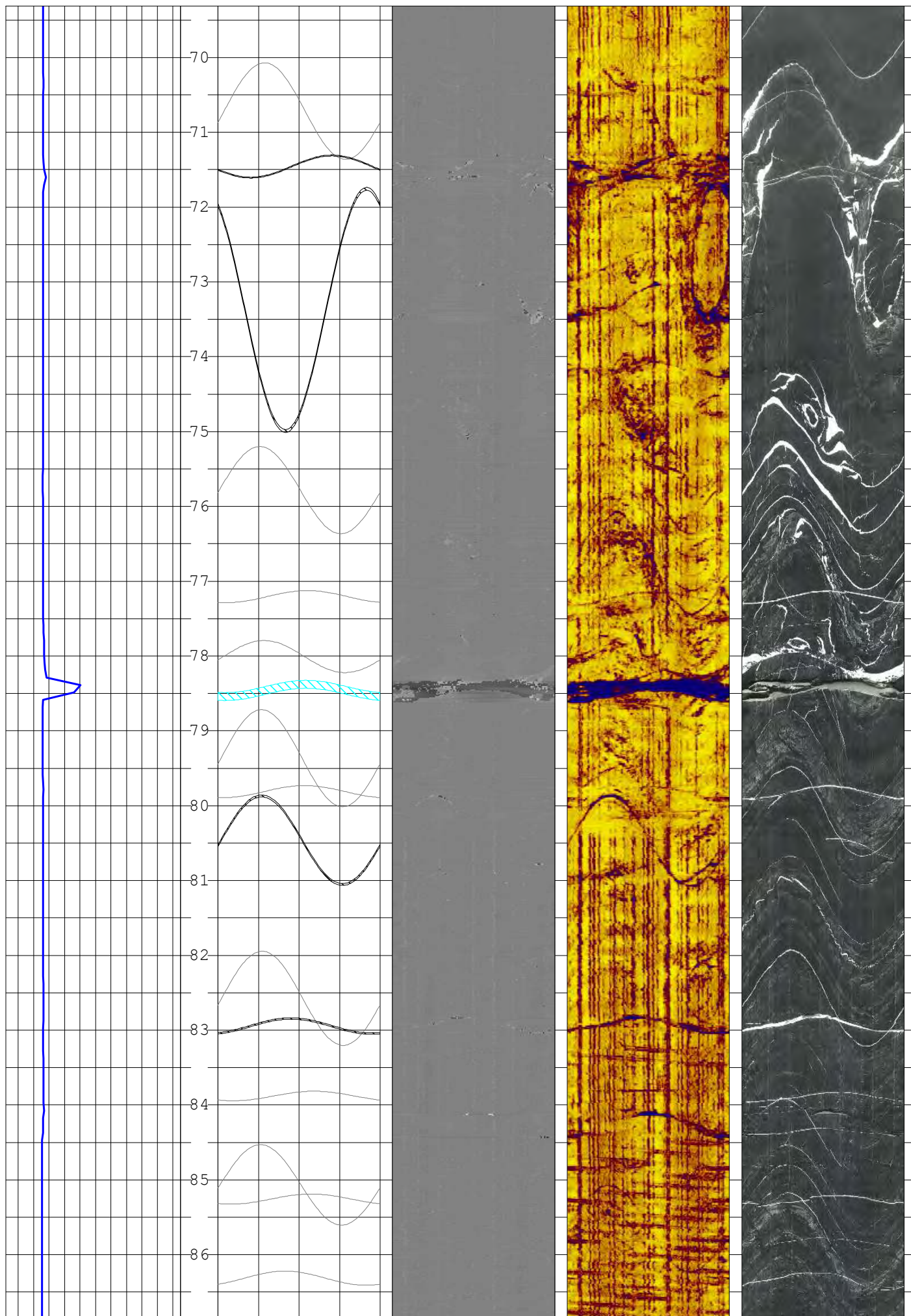
Declination: 16.4 degrees west

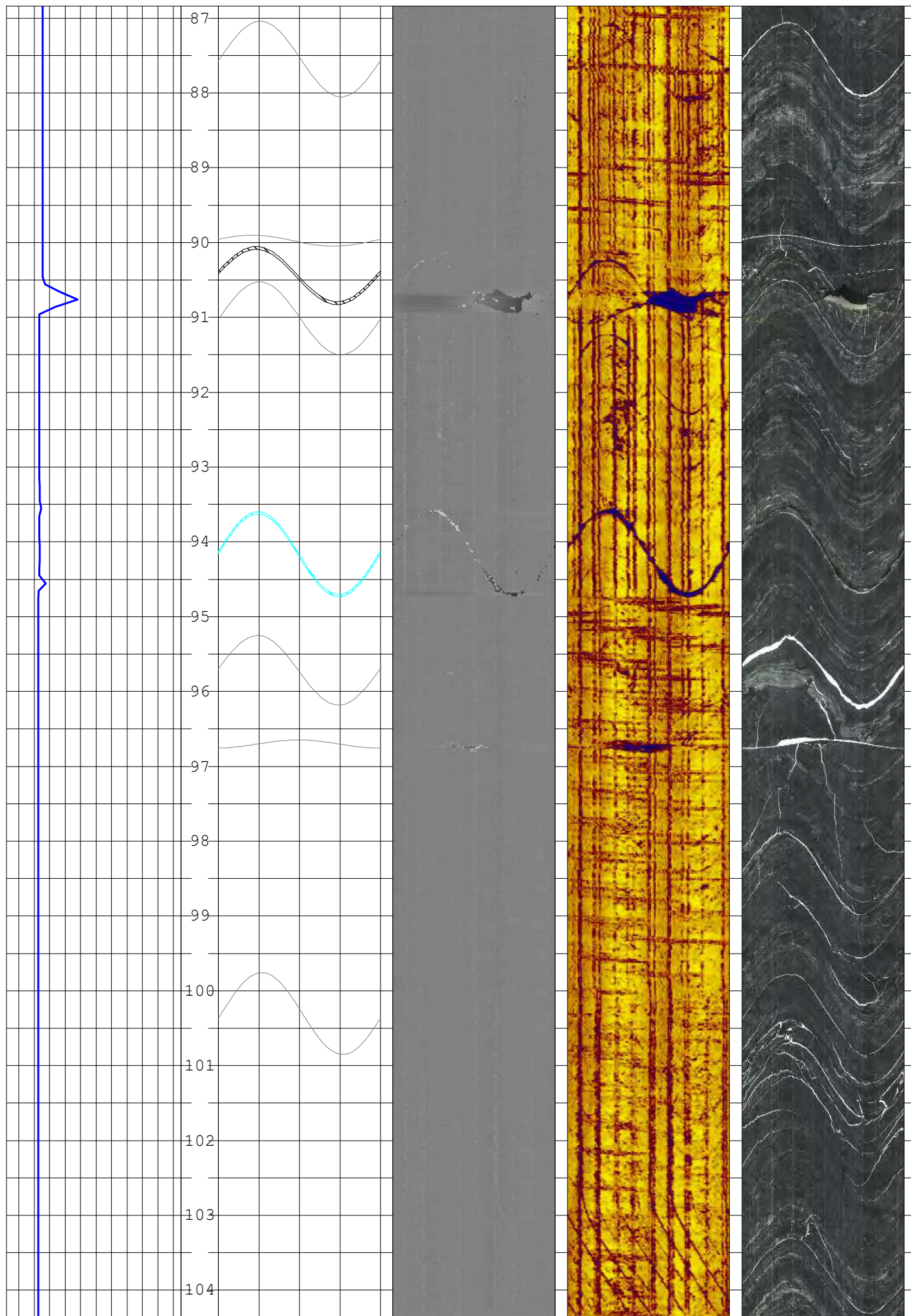
Northeast Geophysical Services 4 Union Street Bangor, Maine 04401 Tel. 207-942-2700 email: ngsinc@negeophysical.com		Log: Plate C-4 Caliper & Televiwer Logs
		Well: GC-BW002
		Site: Former Loring AFB
Date:	8/22/2022	Location: Limestone, Maine
Casing Depth	25.4 ft.	For: Wood
Casing Type:	6 in steel	Logged by: R Rawcliffe
Boring Depth:	298.1 ft	Orientation: magnetic
Meas. From:	top of casing	Structure Plots: black = planar features (faults, foliation, bedding, joints, etc) light blue = possible transmissive fracture dark blue = likely transmissive fracture
Stickup:	0.65 ft	
Water Level:	13.30 ft	

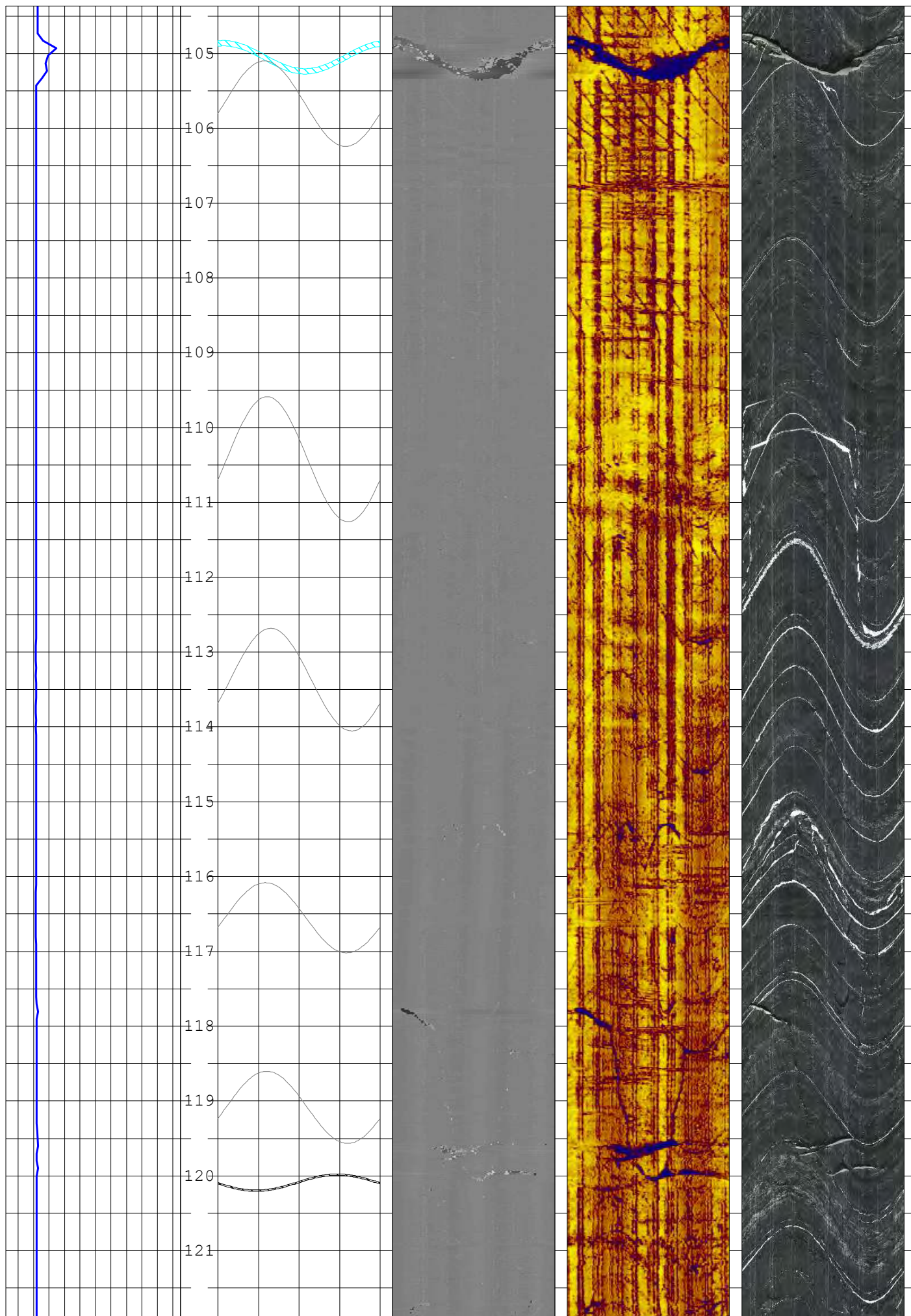


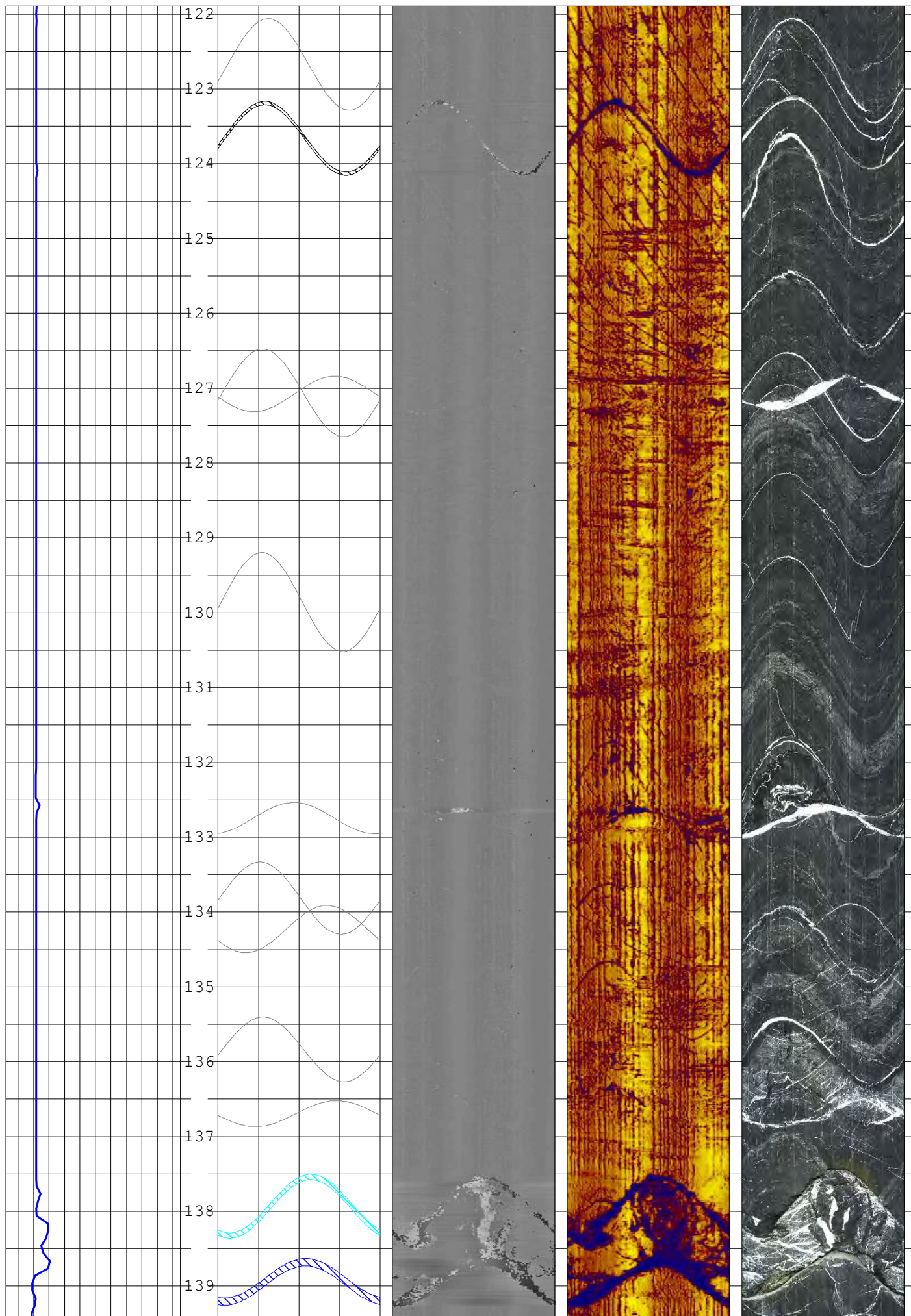


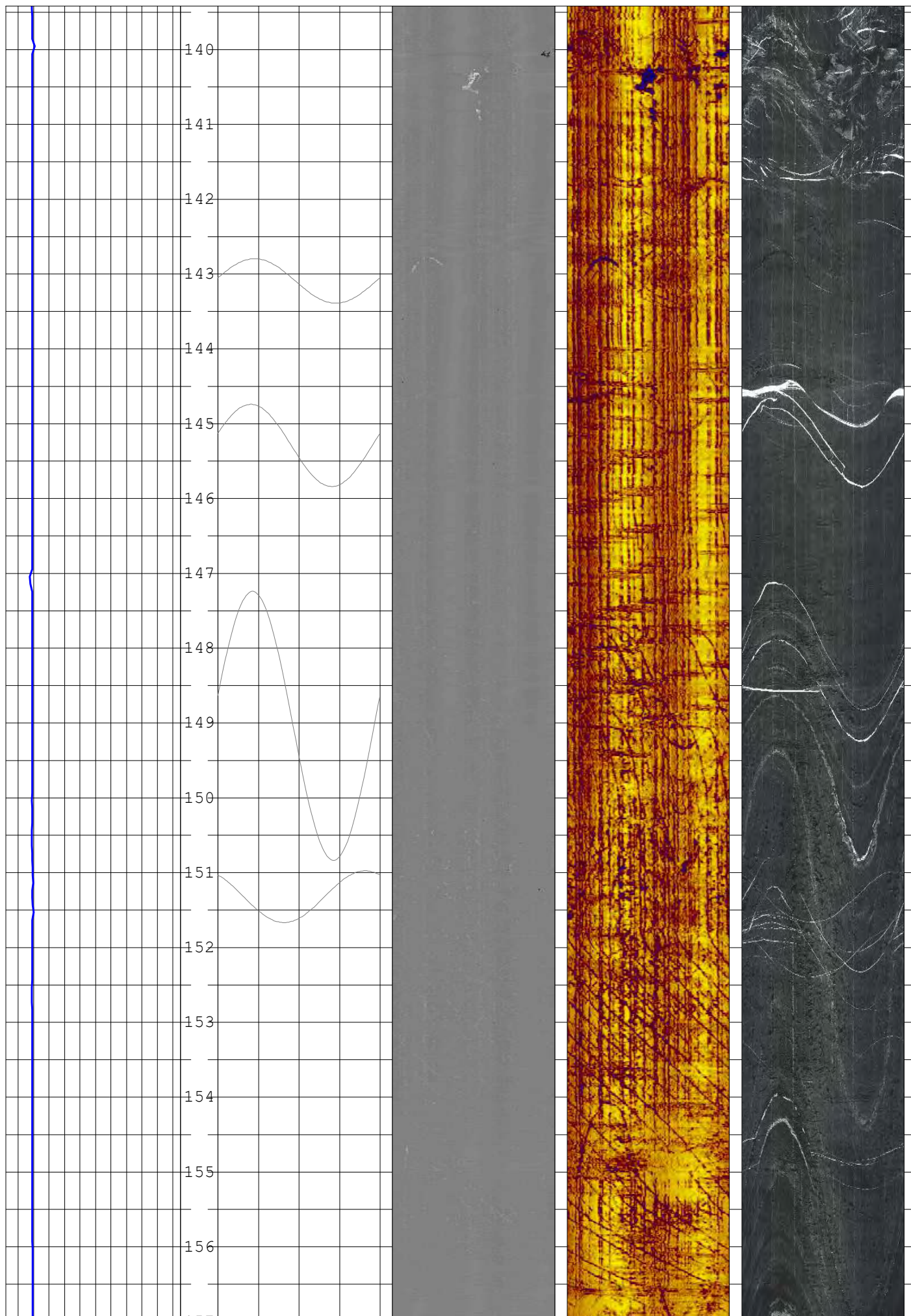


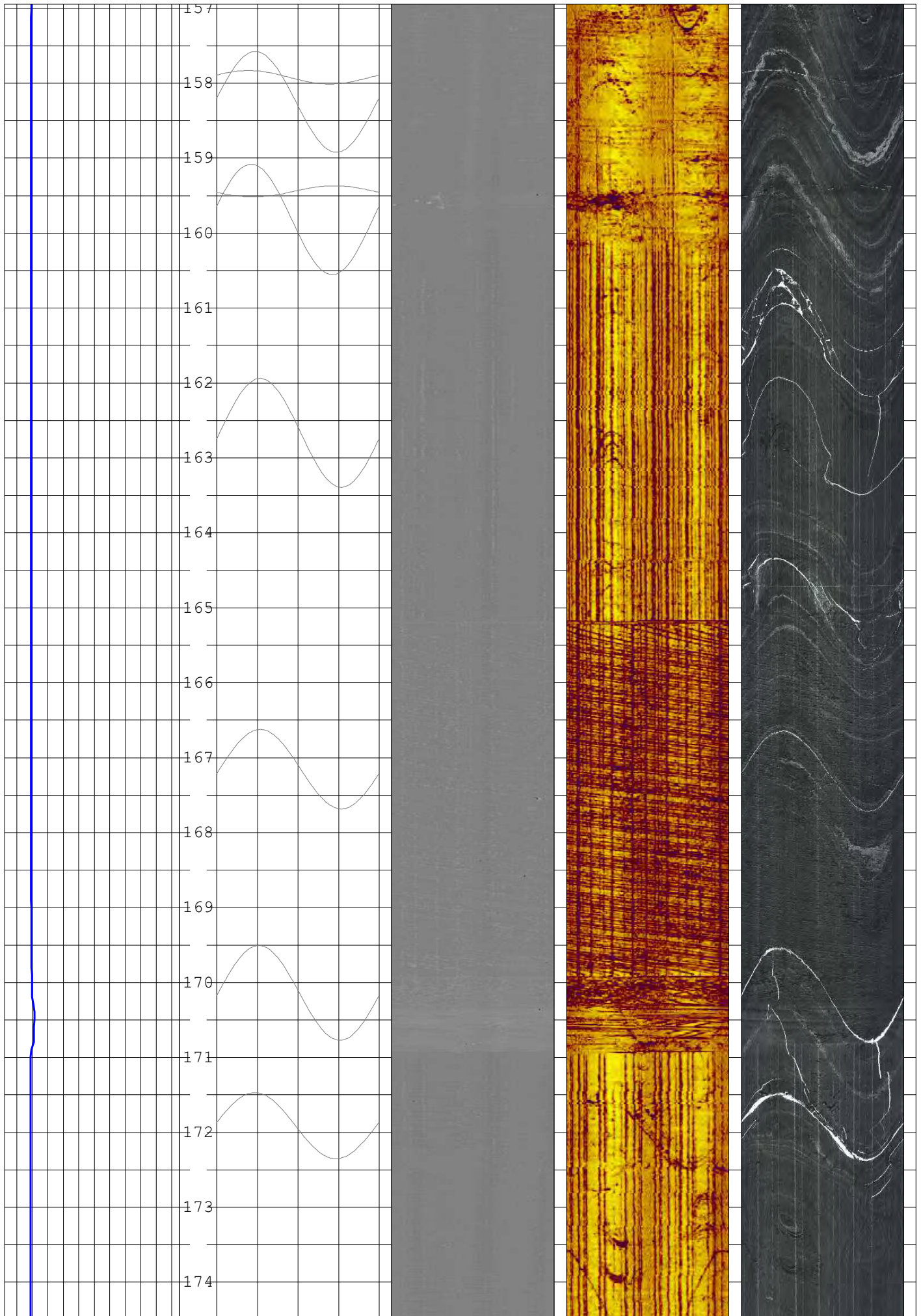


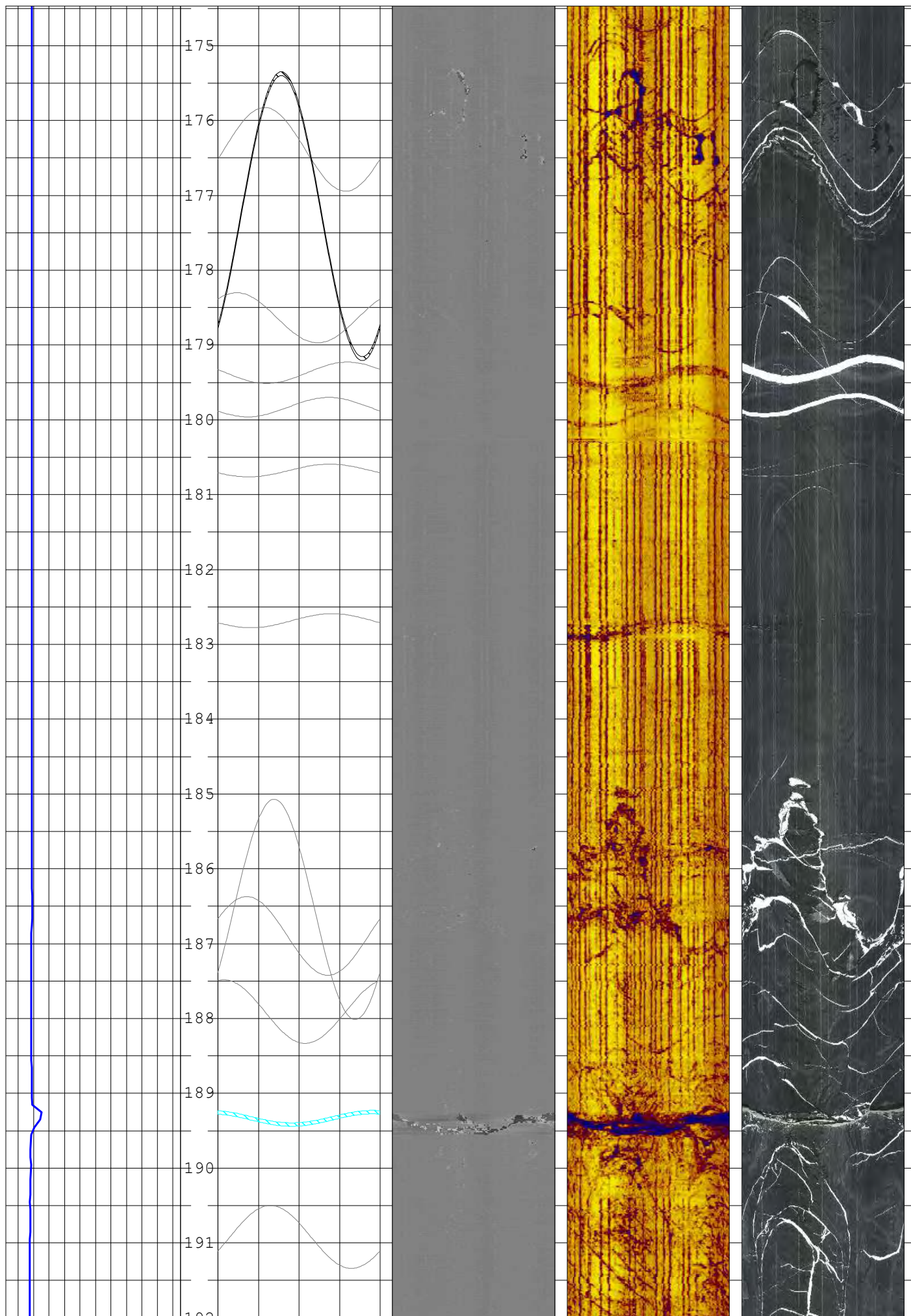


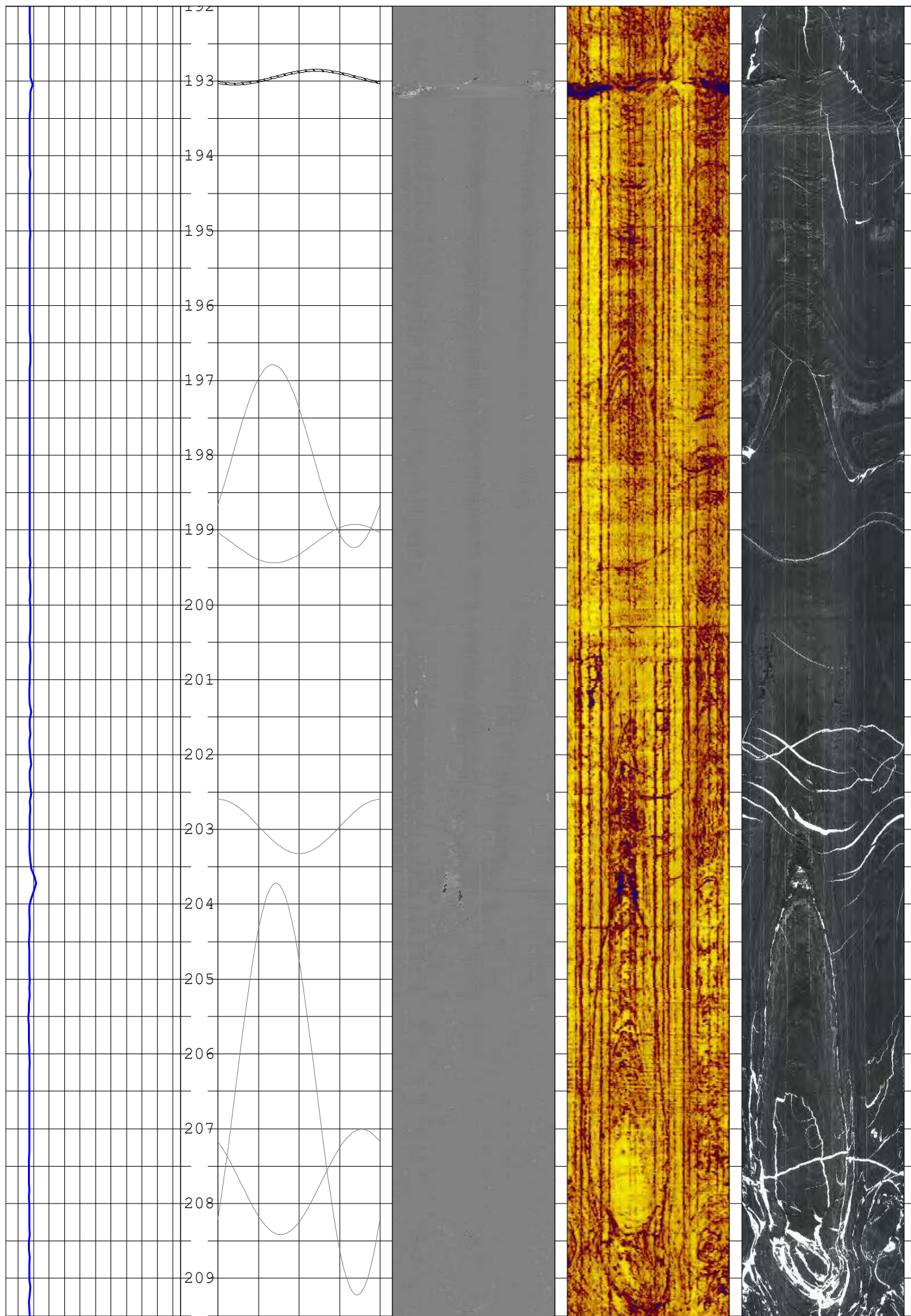


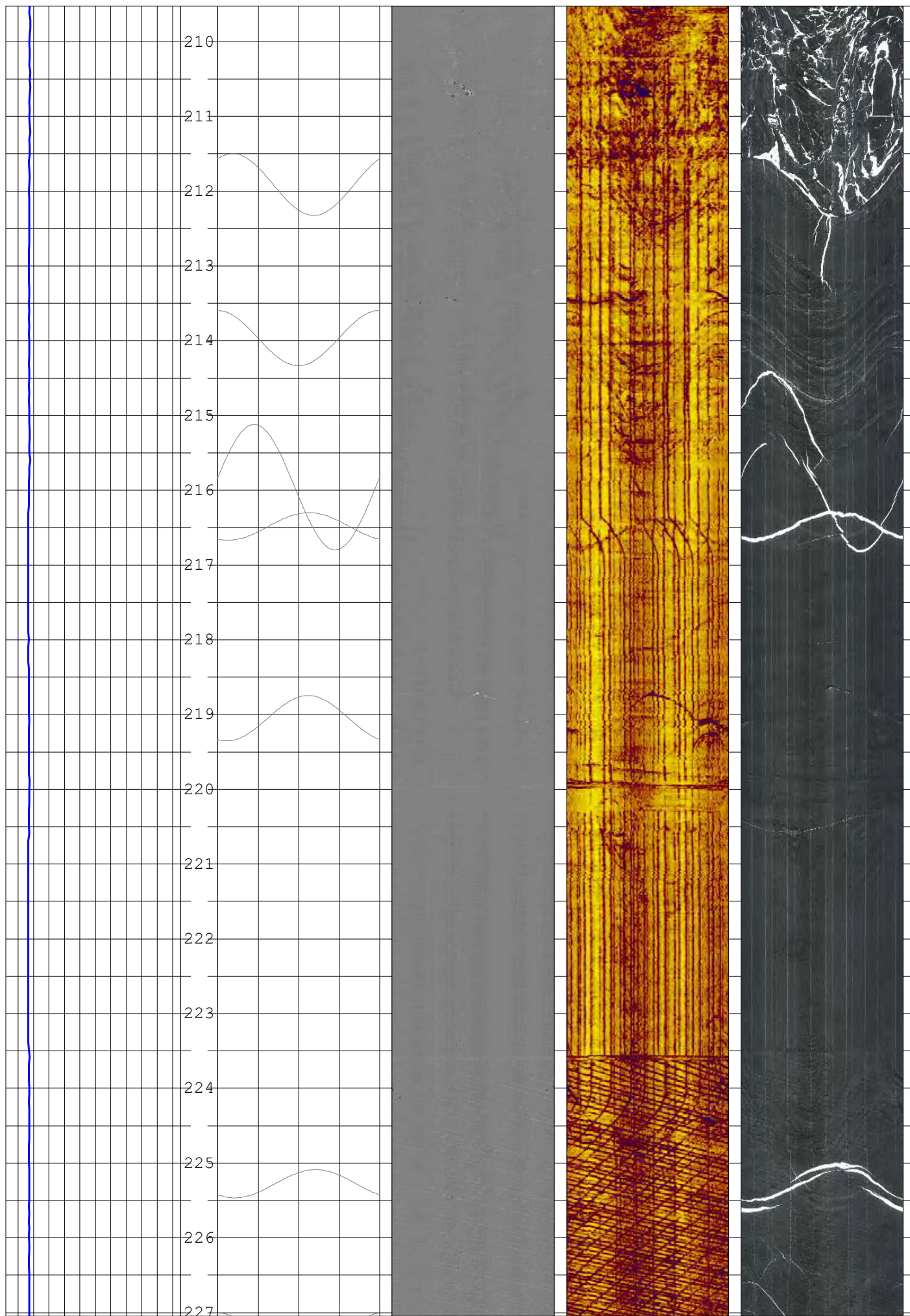


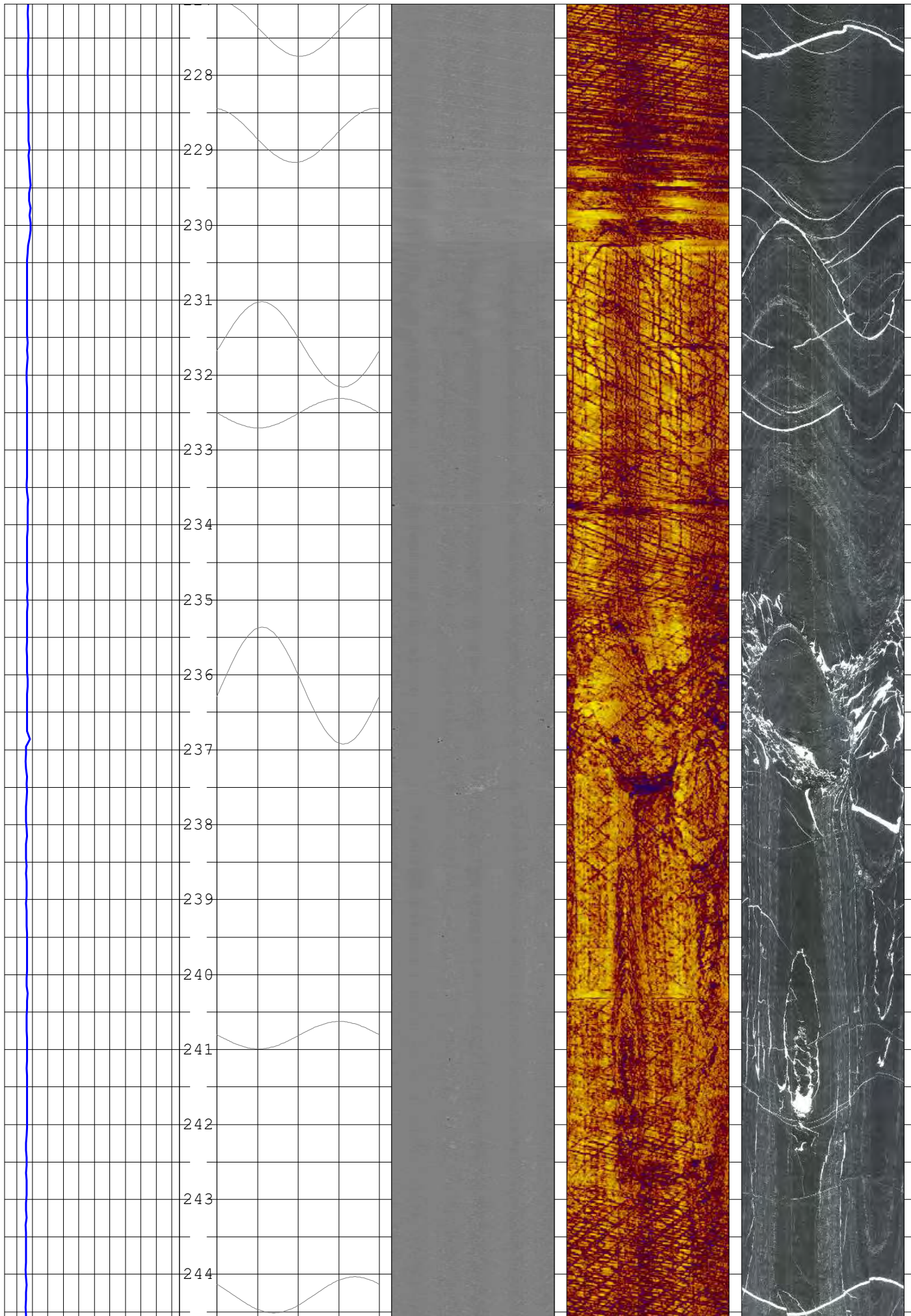


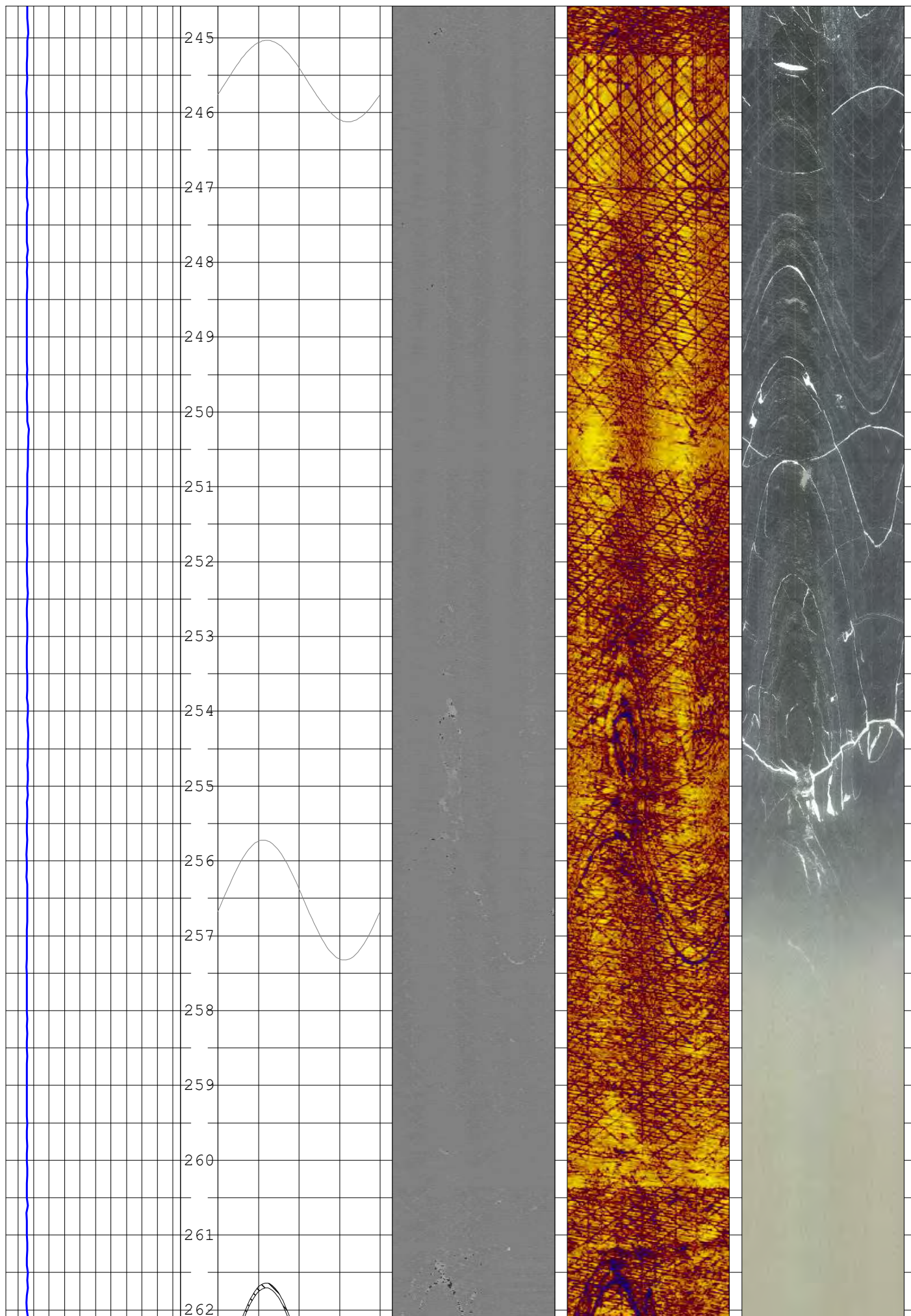


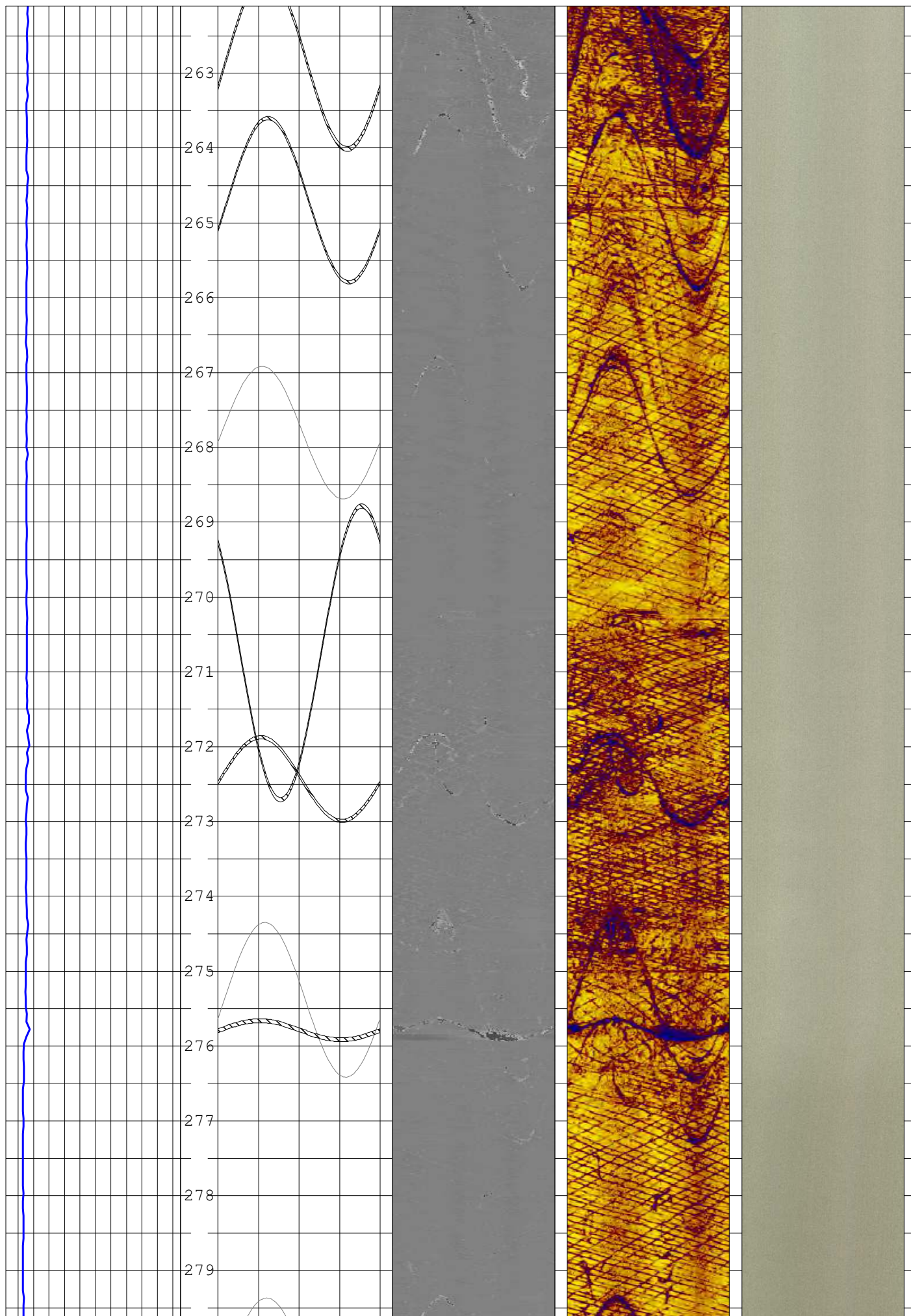












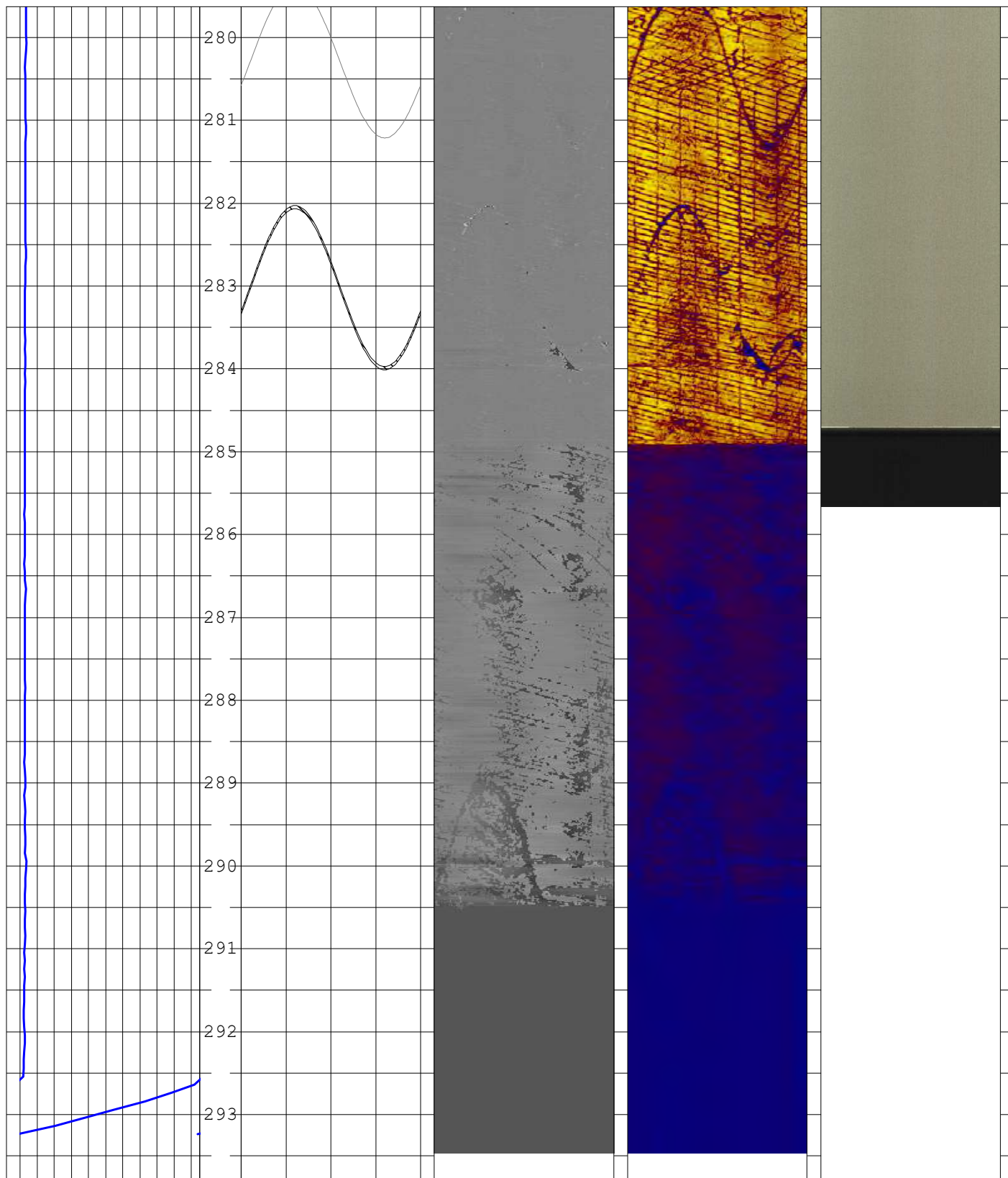


TABLE C-1 Planar features interpreted from acoustical and optical televueers
Former Loring AFB Site - Limestone, Maine

August, 2022

Declination: 16.4 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
GC BW002	1	26.7	64	141	51	124	34	<1 mm	100
GC BW002	2	28.8	66	219	129	202	112	5	108
GC BW002	3	31.7	64	268	178	251	161	<1 mm	100
GC BW002	4	33.4	64	280	190	263	173	4	101
GC BW002	5	36.6	34	352	262	336	246	78	107
GC BW002	6	40.1	74	303	213	286	196	<1 mm	100
GC BW002	7	41.6	77	311	221	295	205	4	101
GC BW002	8	46.5	46	120	30	103	13	8	101
GC BW002	9	48.0	62	272	182	255	165	6	101
GC BW002	10	48.8	61	277	187	261	171	<1 mm	100
GC BW002	11	50.5	49	151	61	135	45	5	101
GC BW002	12	51.1	10	318	228	301	211	88	107
GC BW002	13	52.4	55	125	35	108	18	5	101
GC BW002	14	52.5	62	269	179	253	163	3	101
GC BW002	15	54.6	61	268	178	252	162	<1 mm	100
GC BW002	16	56.6	34	139	49	123	33	16	101
GC BW002	17	57.8	56	270	180	254	164	9	101
GC BW002	18	58.3	76	299	209	282	192	<1 mm	100
GC BW002	19	58.9	24	327	237	311	221	<1 mm	100
GC BW002	20	60.1	28	323	233	307	217	5	101
GC BW002	21	61.9	54	280	190	263	173	<1 mm	100
GC BW002	22	63.1	35	98	8	82	352	9	108
GC BW002	23	63.5	64	274	184	258	168	<1 mm	100
GC BW002	24	63.9	11	285	195	269	179	64	107
GC BW002	25	64.6	14	338	248	321	231	<1 mm	100
GC BW002	26	66.1	66	273	183	256	166	<1 mm	100
GC BW002	27	68.2	34	21	291	5	275	9	101
GC BW002	28	70.7	68	284	194	267	177	<1 mm	100
GC BW002	29	71.5	30	73	343	57	327	4	101
GC BW002	30	73.4	81	150	60	134	44	2	101
GC BW002	31	75.8	66	273	183	257	167	<1 mm	100
GC BW002	32	77.2	17	19	289	2	272	<1 mm	100
GC BW002	33	78.0	39	282	192	266	176	<1 mm	100
GC BW002	34	78.5	17	16	286	359	269	30	108
GC BW002	35	79.4	68	277	187	260	170	<1 mm	100
GC BW002	36	79.8	17	13	283	356	266	<1 mm	100
GC BW002	37	80.5	66	277	187	261	171	4	101
GC BW002	38	82.6	68	278	188	262	172	<1 mm	100
GC BW002	39	82.9	21	342	252	326	236	6	101
GC BW002	40	83.9	14	33	303	17	287	<1 mm	100
GC BW002	41	85.1	64	275	185	258	168	<1 mm	100
GC BW002	42	85.3	15	27	297	11	281	<1 mm	100
GC BW002	43	86.3	20	329	239	312	222	<1 mm	100
GC BW002	44	87.6	63	273	183	256	166	<1 mm	100
GC BW002	45	90.0	16	256	166	239	149	<1 mm	100
GC BW002	46	90.4	55	264	174	247	157	6	101
GC BW002	47	91.0	62	272	182	255	165	<1 mm	100
GC BW002	48	94.2	65	268	178	251	161	5	108
GC BW002	49	95.7	61	267	177	251	161	<1 mm	100
GC BW002	50	96.7	12	358	268	341	251	<1 mm	100
GC BW002	51	100.3	65	277	187	260	170	<1 mm	100
GC BW002	52	105.1	36	193	103	177	87	18	108
GC BW002	53	105.7	66	283	193	267	177	<1 mm	100
GC BW002	54	110.4	73	289	199	273	183	<1 mm	100

TABLE C-1 Planar features interpreted from acoustical and optical televiewers
Former Loring AFB Site - Limestone, Maine

August, 2022

Declination: 16.4 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
GC BW002	55	113.4	70	297	207	281	191	<1 mm	100
GC BW002	56	116.6	61	285	195	269	179	<1 mm	100
GC BW002	57	119.1	62	288	198	272	182	<1 mm	100
GC BW002	58	120.1	23	86	356	69	339	6	101
GC BW002	59	122.7	67	292	202	275	185	<1 mm	100
GC BW002	60	123.7	62	284	194	268	178	7	101
GC BW002	61	127.1	66	279	189	263	173	<1 mm	100
GC BW002	62	127.1	43	80	350	63	333	<1 mm	100
GC BW002	63	129.9	69	277	187	261	171	<1 mm	100
GC BW002	64	132.8	39	349	259	332	242	<1 mm	100
GC BW002	65	133.8	62	274	184	257	167	<1 mm	100
GC BW002	66	134.2	51	62	332	45	315	<1 mm	100
GC BW002	67	135.8	59	280	190	264	174	<1 mm	100
GC BW002	68	136.7	34	83	353	67	337	<1 mm	100
GC BW002	69	137.9	57	26	296	10	280	11	108
GC BW002	70	138.9	46	15	285	358	268	21	107
GC BW002	71	143.1	50	262	172	245	155	<1 mm	100
GC BW002	72	145.3	65	253	163	236	146	<1 mm	100
GC BW002	73	149.0	82	257	167	240	150	<1 mm	100
GC BW002	74	151.3	54	147	57	131	41	<1 mm	100
GC BW002	75	157.9	20	250	160	234	144	<1 mm	100
GC BW002	76	158.3	69	265	175	249	159	<1 mm	100
GC BW002	77	159.5	17	81	351	64	334	<1 mm	100
GC BW002	78	159.8	71	256	166	240	150	<1 mm	100
GC BW002	79	162.7	71	276	186	260	170	<1 mm	100
GC BW002	80	167.2	64	276	186	260	170	<1 mm	100
GC BW002	81	170.1	68	273	183	257	167	<1 mm	100
GC BW002	82	171.9	60	264	174	248	158	<1 mm	100
GC BW002	83	176.4	66	284	194	267	177	<1 mm	100
GC BW002	84	177.3	82	321	231	304	214	2	101
GC BW002	85	178.6	53	221	131	205	115	<1 mm	100
GC BW002	86	179.4	29	108	18	91	1	<1 mm	100
GC BW002	87	179.8	27	66	336	50	320	<1 mm	100
GC BW002	88	180.7	19	68	338	52	322	<1 mm	100
GC BW002	89	182.7	20	73	343	57	327	<1 mm	100
GC BW002	90	186.5	80	305	215	288	198	<1 mm	100
GC BW002	91	186.9	64	244	154	228	138	<1 mm	100
GC BW002	92	187.9	59	194	104	178	88	<1 mm	100
GC BW002	93	189.3	18	164	74	147	57	13	108
GC BW002	94	190.9	59	297	207	280	190	<1 mm	100
GC BW002	95	193.0	20	37	307	21	291	8	101
GC BW002	96	198.0	78	302	212	286	196	<1 mm	100
GC BW002	97	199.2	46	124	34	108	18	<1 mm	100
GC BW002	98	203.0	55	181	91	164	74	<1 mm	100
GC BW002	99	206.5	85	309	219	293	203	<1 mm	100
GC BW002	100	207.7	70	140	50	123	33	<1 mm	100
GC BW002	101	211.9	59	213	123	197	107	<1 mm	100
GC BW002	102	214.0	56	180	90	163	73	<1 mm	100
GC BW002	103	216.0	73	261	171	245	155	<1 mm	100
GC BW002	104	216.5	36	23	293	6	276	<1 mm	100
GC BW002	105	219.1	50	21	291	5	275	<1 mm	100
GC BW002	106	225.3	37	38	308	21	291	<1 mm	100
GC BW002	107	227.4	56	183	93	167	77	<1 mm	100
GC BW002	108	228.8	55	172	82	156	66	<1 mm	100

TABLE C-1 Planar features interpreted from acoustical and optical televewers
Former Loring AFB Site - Limestone, Maine

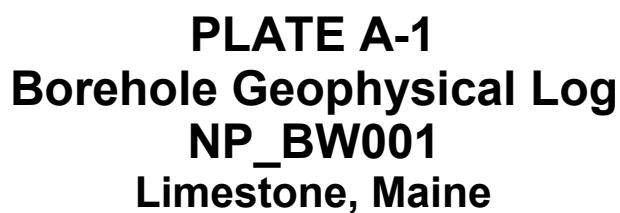
August, 2022

Declination: 16.4 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
GC BW002	109	231.6	66	279	189	262	172	<1 mm	100
GC BW002	110	232.5	38	91	1	75	345	<1 mm	100
GC BW002	111	236.1	72	280	190	264	174	<1 mm	100
GC BW002	112	240.8	36	92	2	76	346	<1 mm	100
GC BW002	113	244.3	44	126	36	110	20	<1 mm	100
GC BW002	114	245.6	65	289	199	273	183	<1 mm	100
GC BW002	115	256.5	73	281	191	264	174	<1 mm	100
GC BW002	116	262.8	78	287	197	271	181	4	101
GC BW002	117	264.7	77	291	201	275	185	3	101
GC BW002	118	267.8	74	278	188	262	172	<1 mm	100
GC BW002	119	270.8	83	139	49	123	33	2	101
GC BW002	120	272.4	66	275	185	259	169	5	101
GC BW002	121	275.4	76	284	194	268	178	<1 mm	100
GC BW002	122	275.8	27	273	183	257	167	15	101
GC BW002	123	280.3	75	288	198	272	182	<1 mm	100
GC BW002	124	283.0	76	288	198	272	182	3	101

Explanation:

	Category 100 = planar feature (possible fracture, joint, foliation, bedding, etc.) aperture less than 1 mm
	Category 101 = planar feature (possible fracture, joint, foliation, bedding, etc.) aperture > 1 mm
	Category 107 = Likely water bearing feature
	Category 108 = Possible water bearing fracture



Tadpole tail indicates dip direction.
The solid tadpoles with a feature number are the ones interpreted to be likely or possibly transmissive.

NP_BW001
Former Loring AFB
Limestone, ME

PLATE A-2

Strike and Dip Direction
of all features

Based on 130 measurements in
NP_BW001 borehole

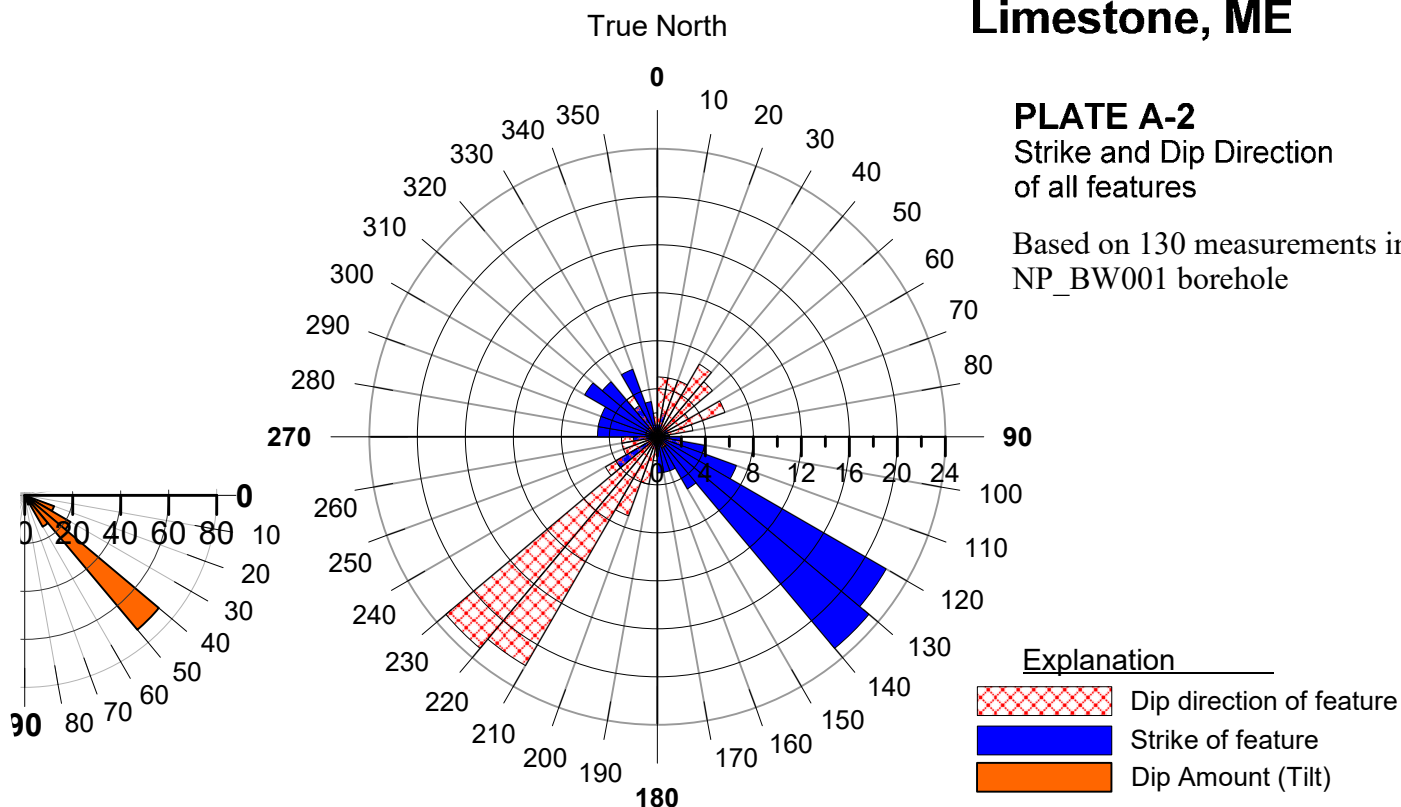
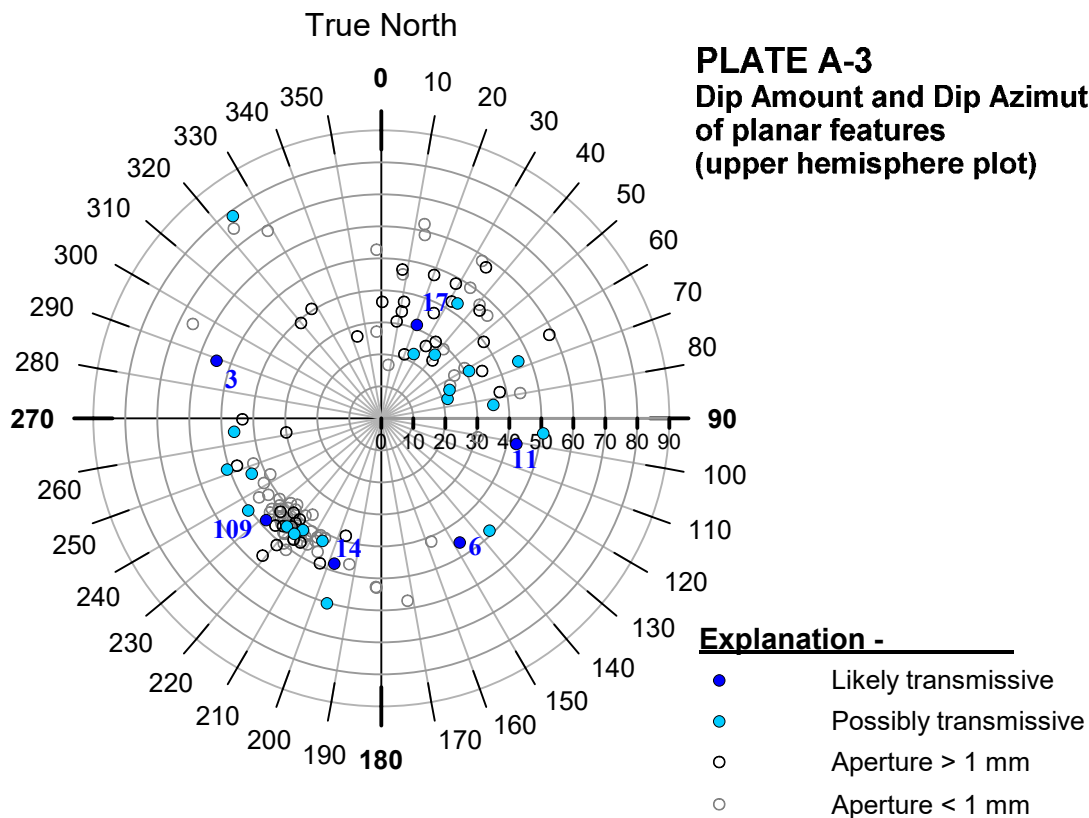


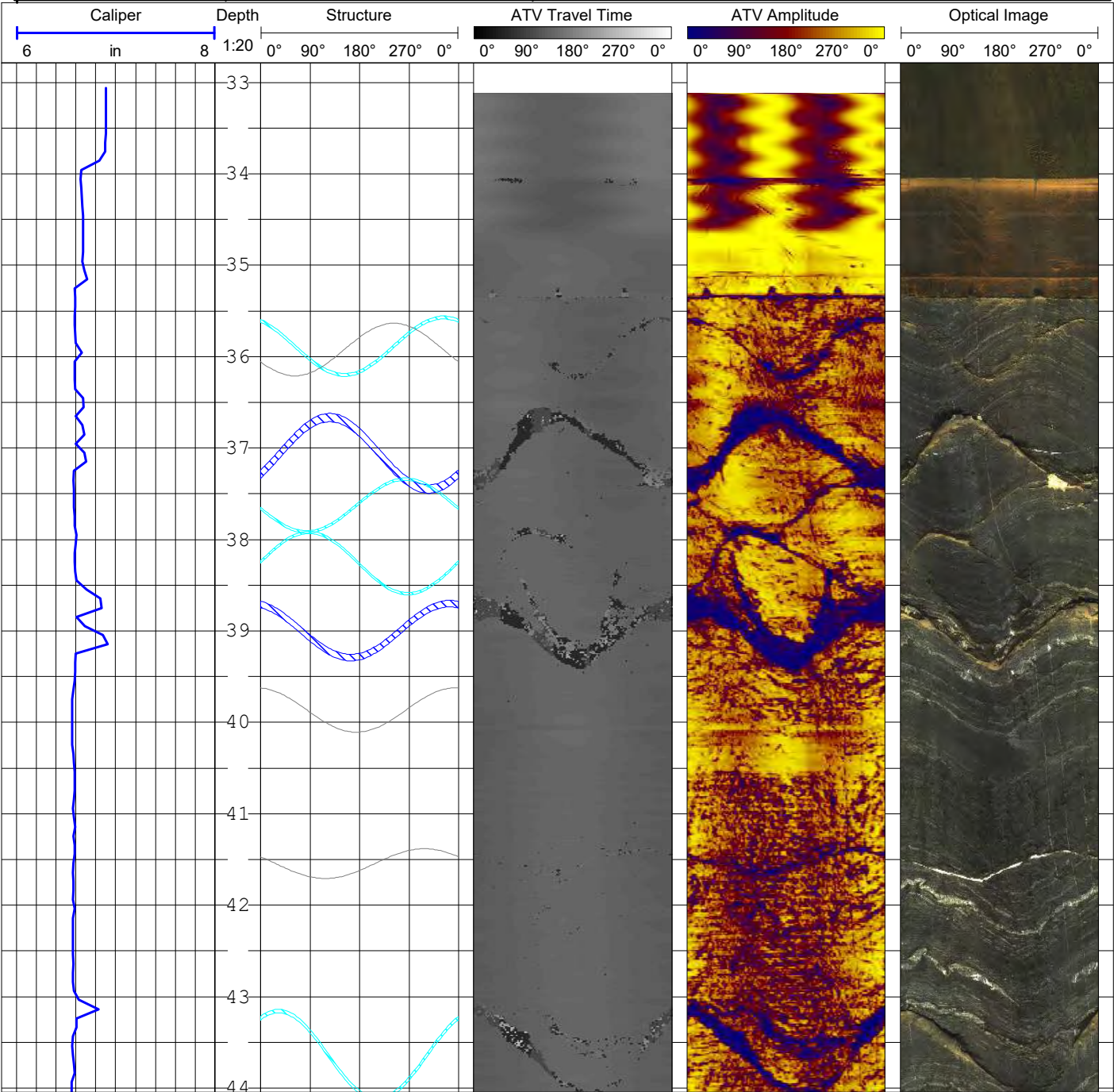
PLATE A-3

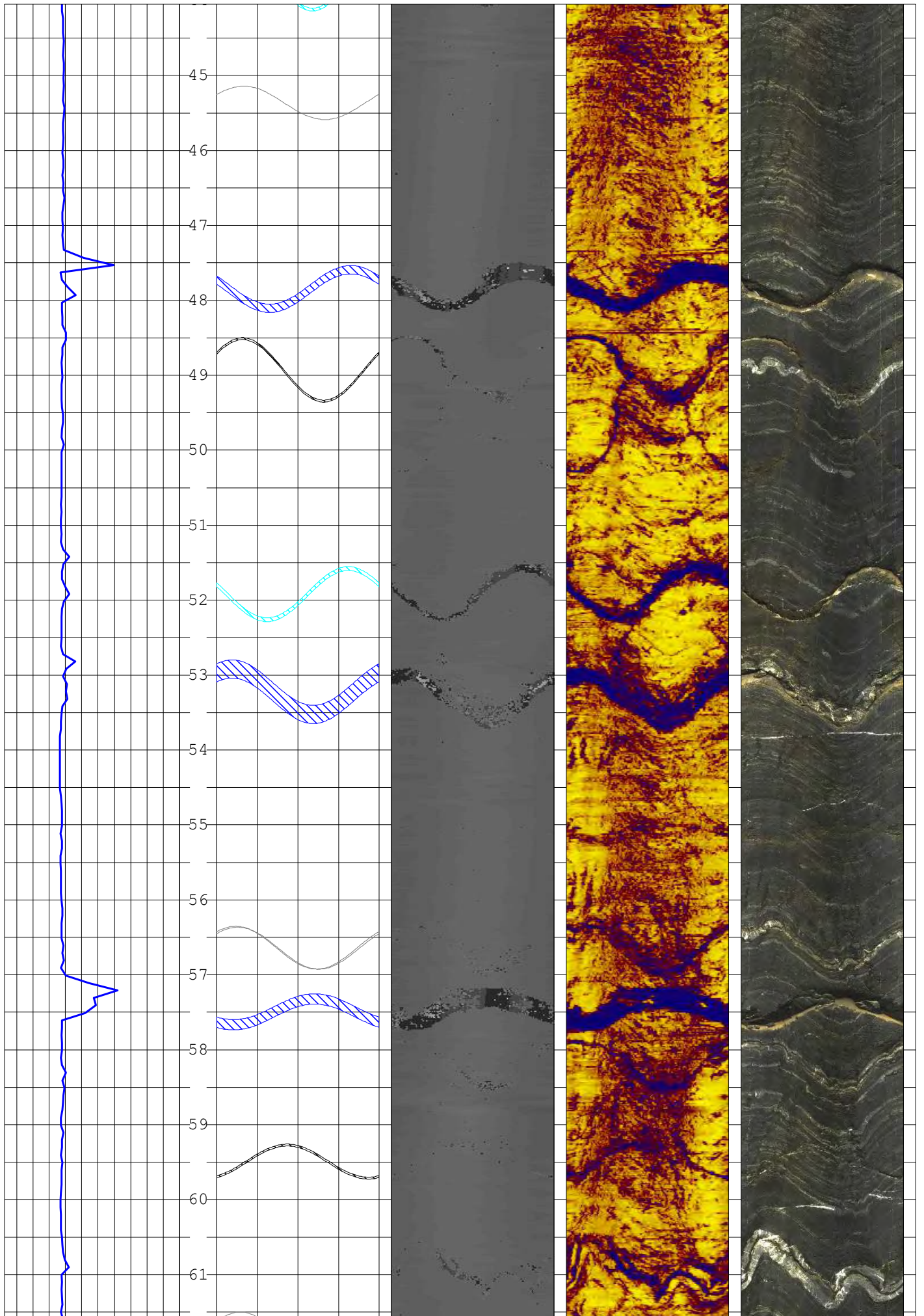
Dip Amount and Dip Azimuth
of planar features
(upper hemisphere plot)

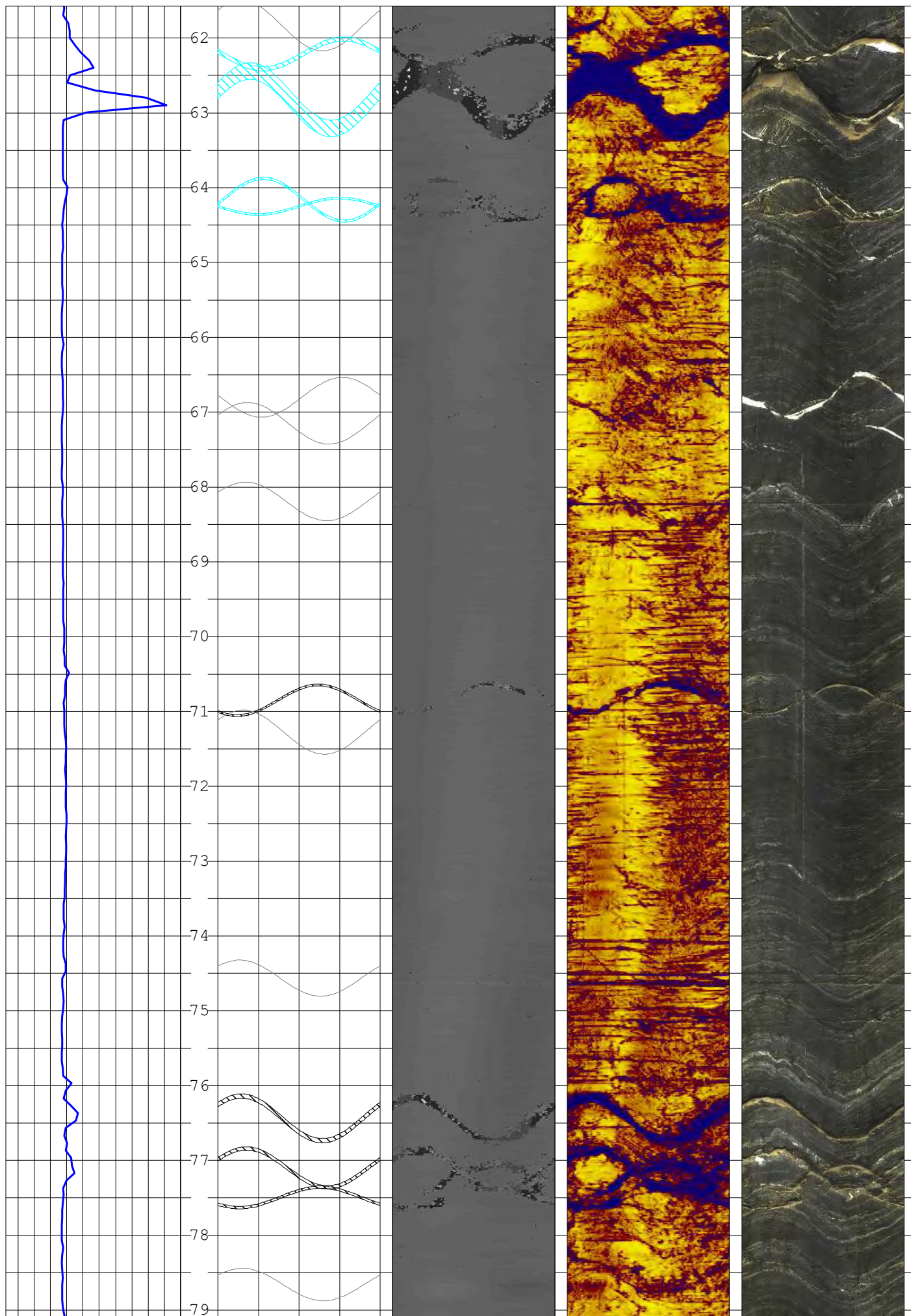


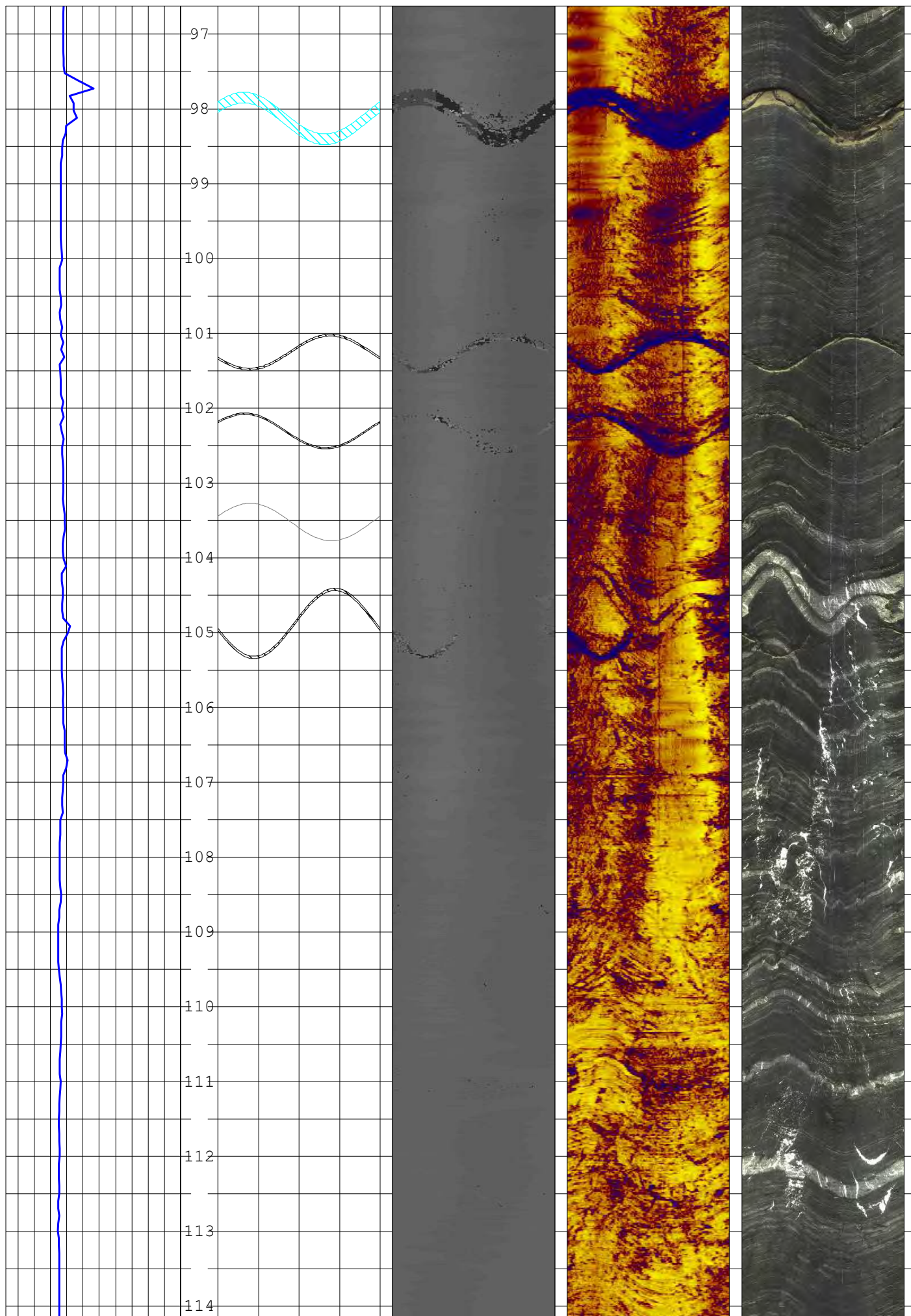
Declination: 16.4 degrees west

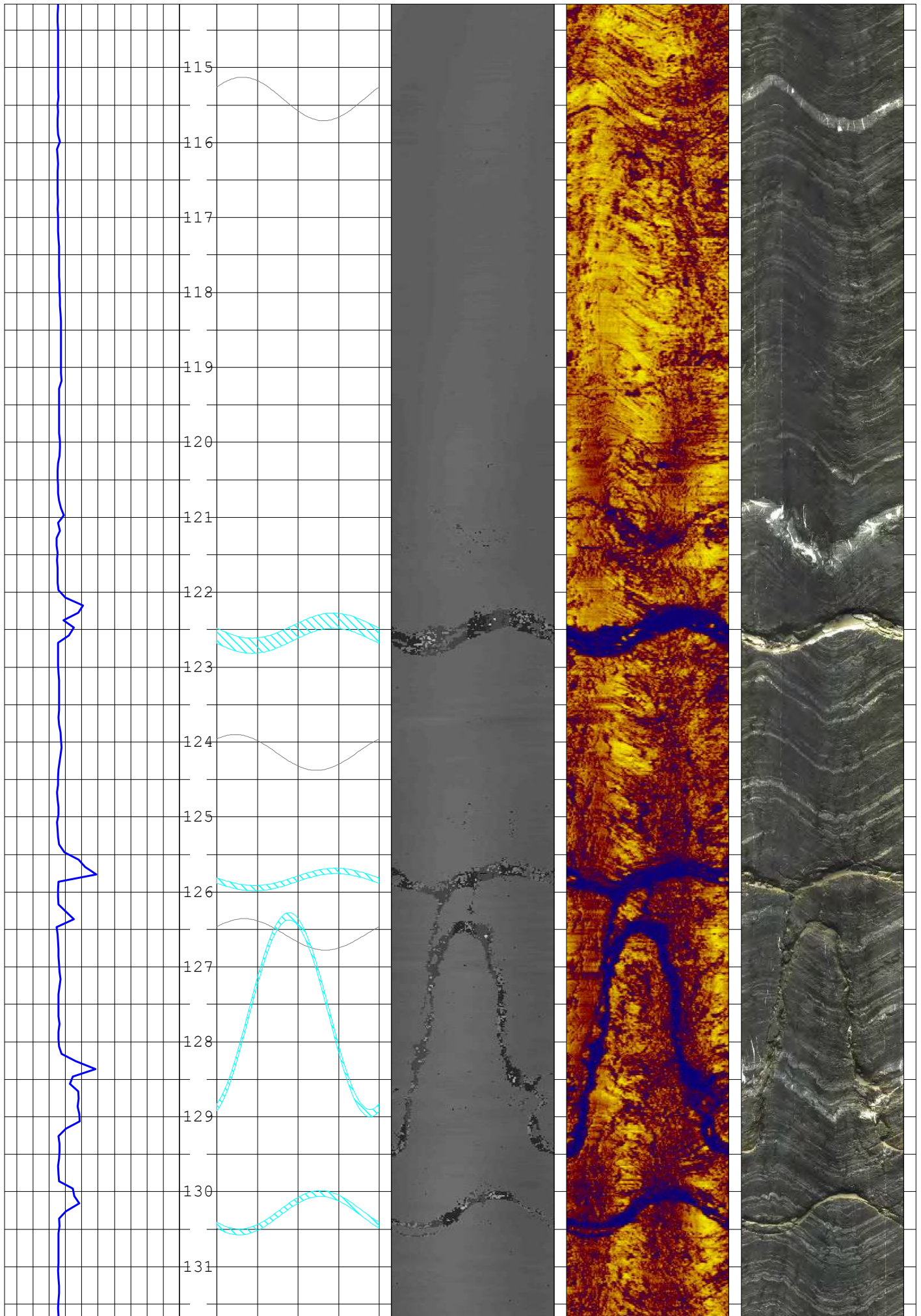
Northeast Geophysical Services 4 Union Street Bangor, Maine 04401 Tel. 207-942-2700 email: ngsinc@negeophysical.com		Log: Plate A-4 Caliper & TelevIEWer Logs
		Well: NP_BW001
		Site: Former Loring AFB
Date:	8/10/22	Location: Limestone, Maine
Casing Depth	35.4 ft.	For: Wood
Casing Type:	7 in steel	Logged by: R Rawcliffe
Boring Depth:	299.5 ft.	Orientation: magnetic north
Meas. From:	top of casing	Structure Plots: black = planar features (faults, foliation, bedding, joints, etc) light blue = possible transmissive fracture dark blue = likely transmissive fracture
Stickup:	0.40 ft.	
Water Level:	9.27 ft.	

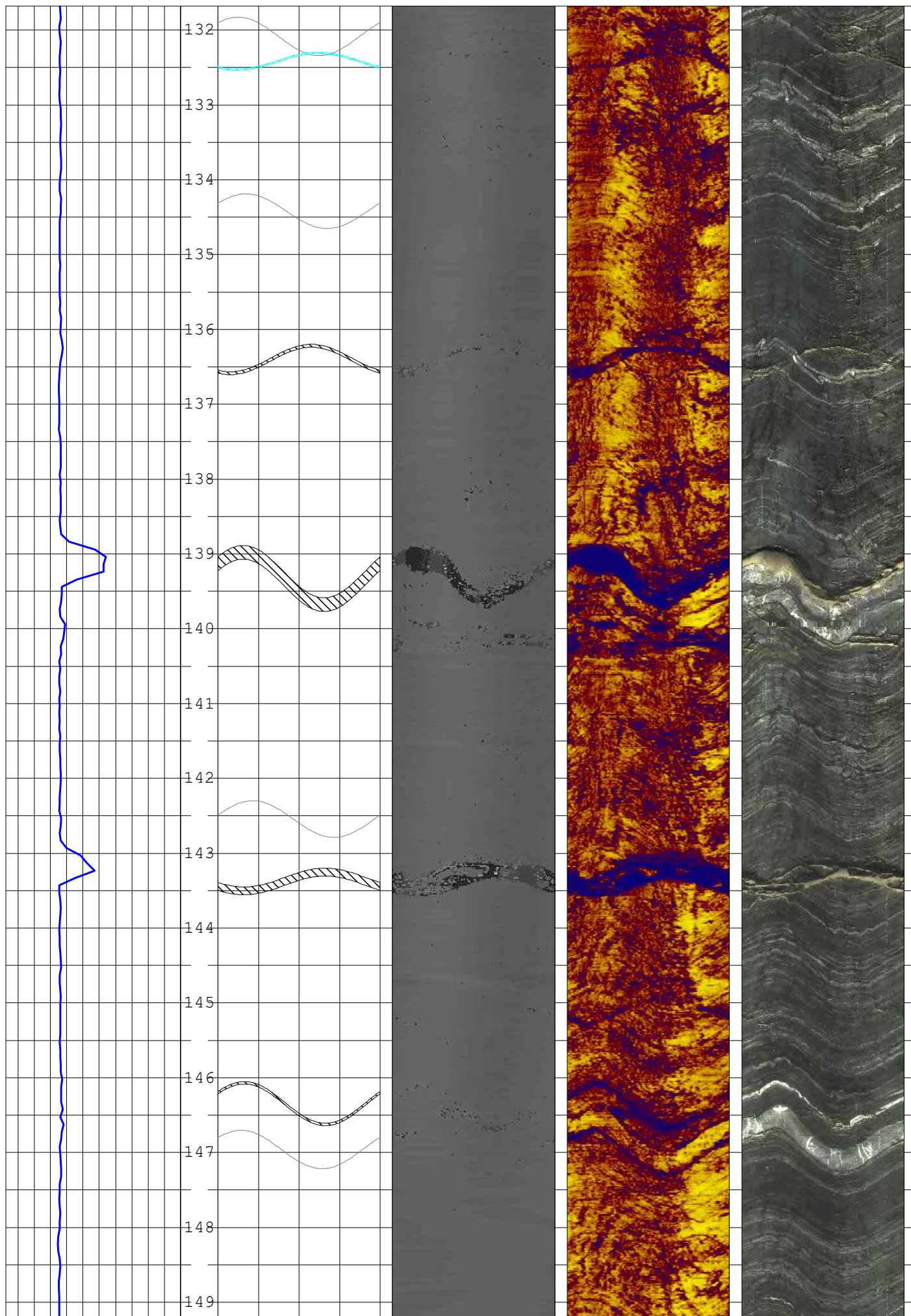


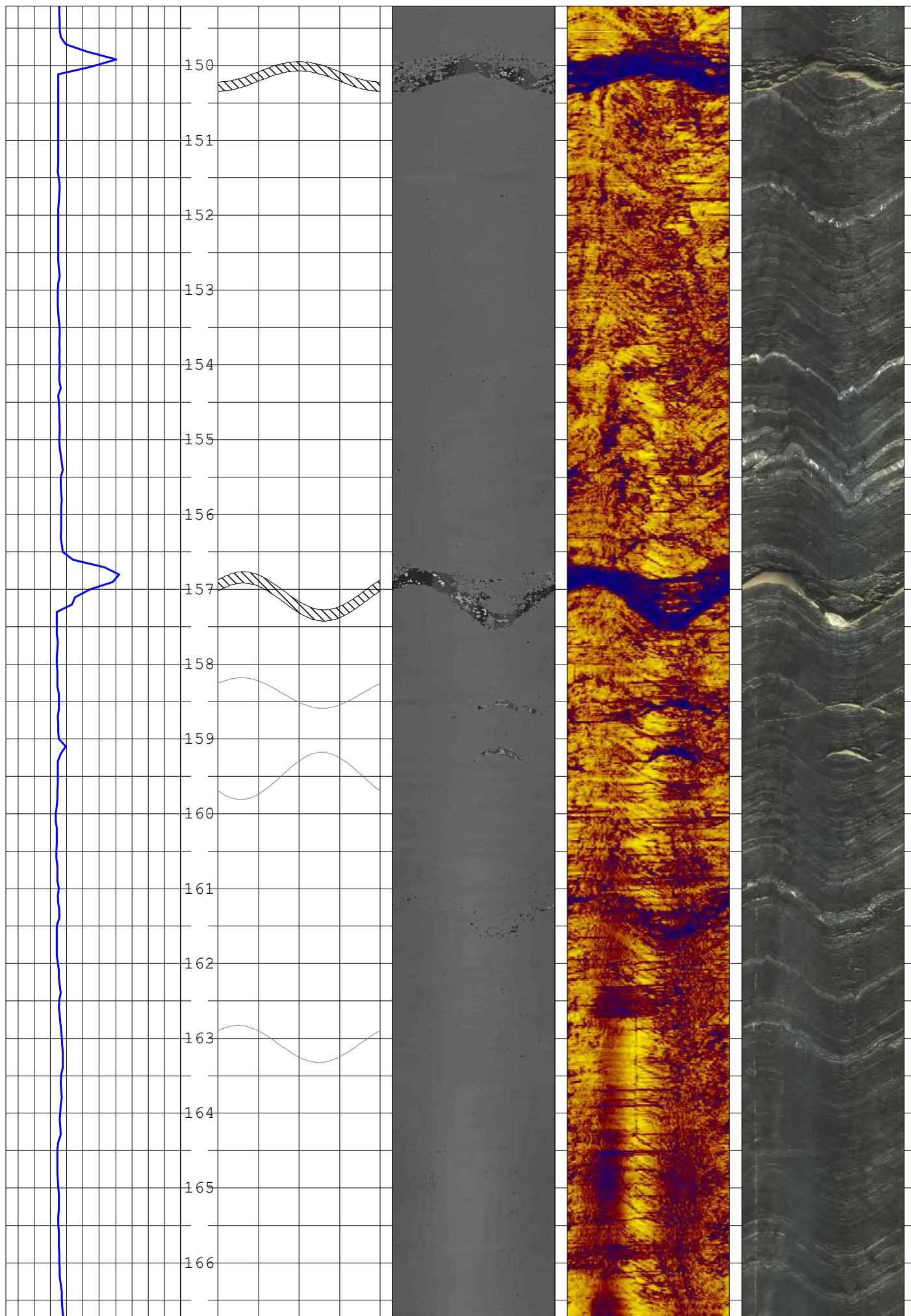


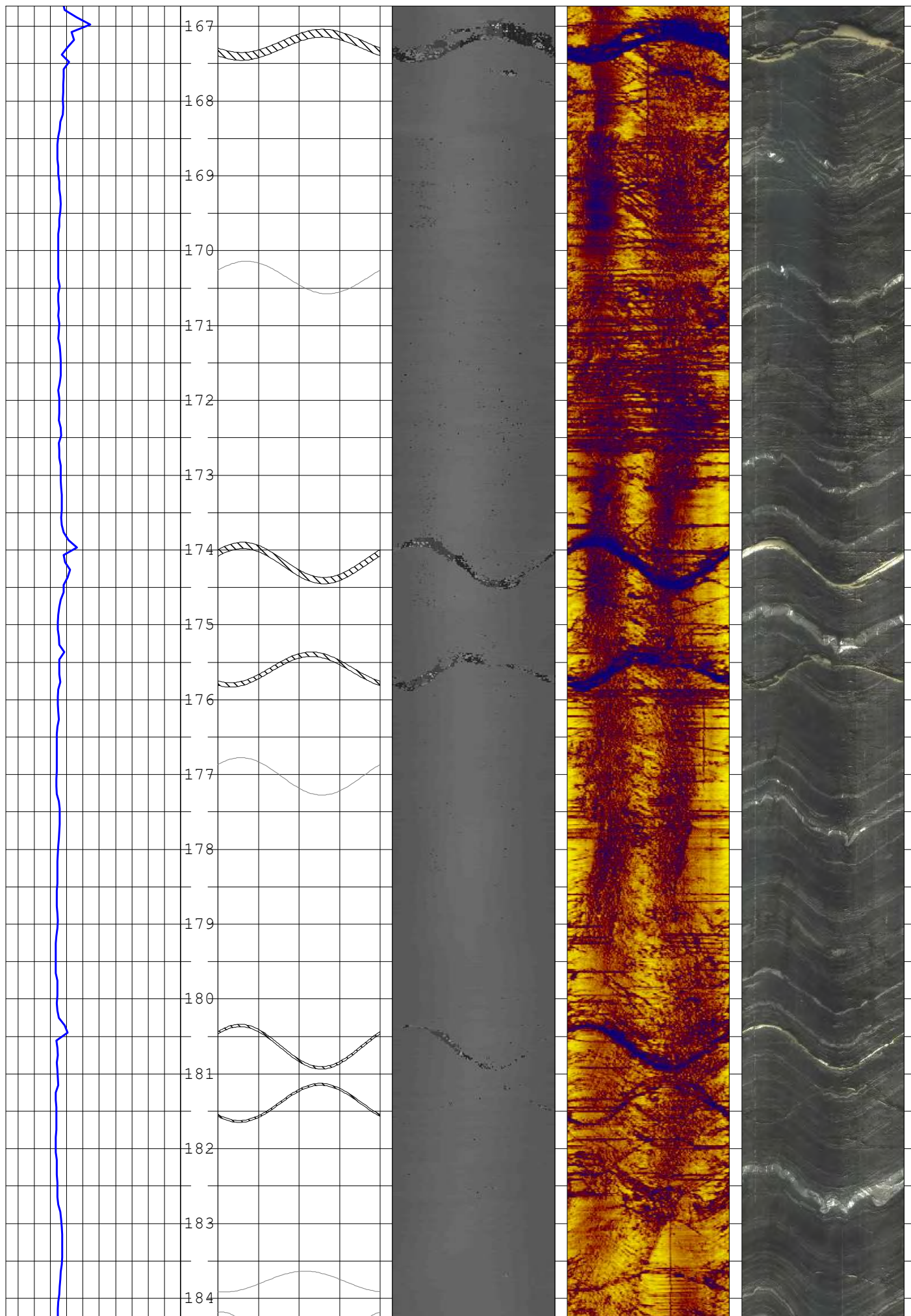


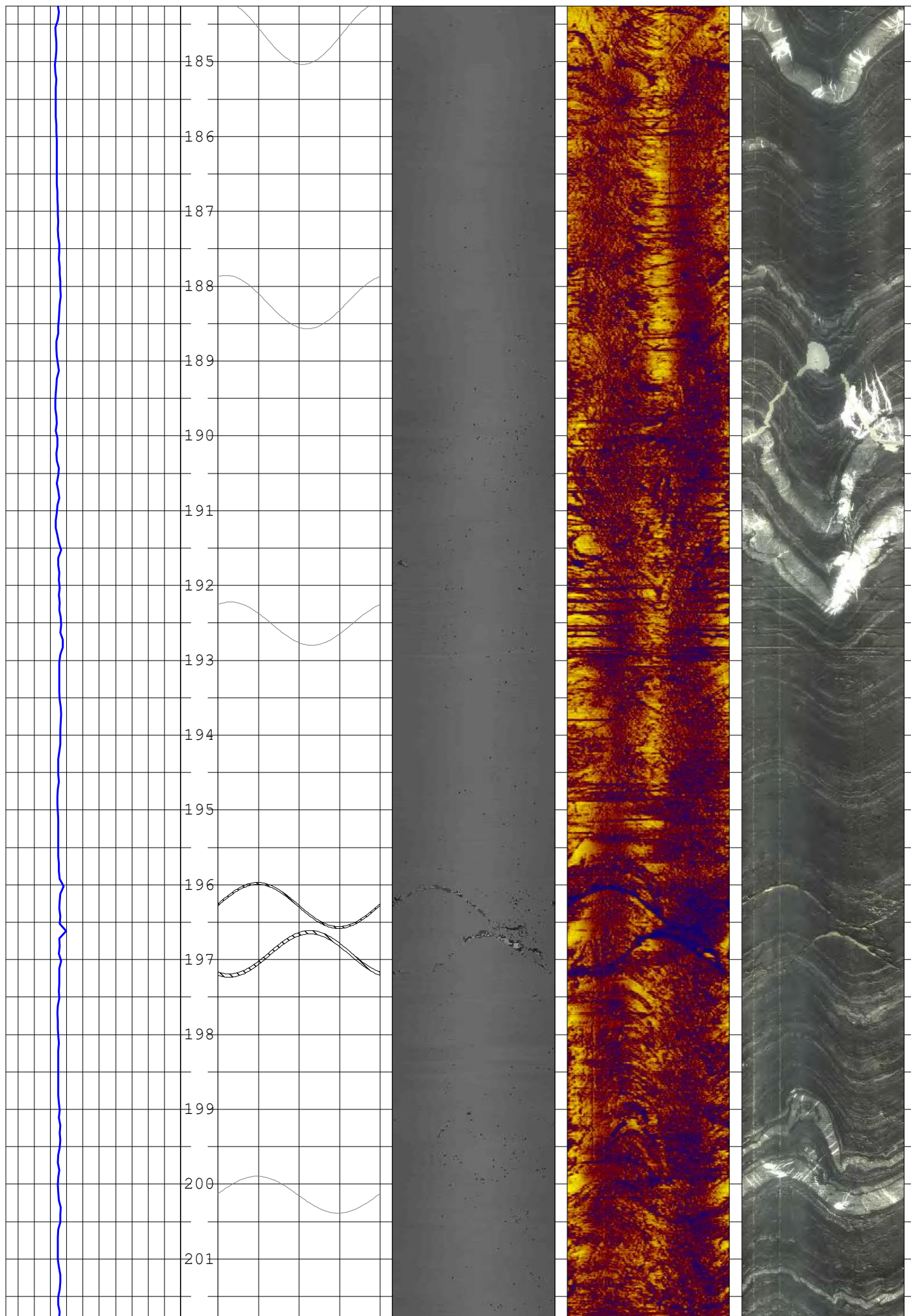


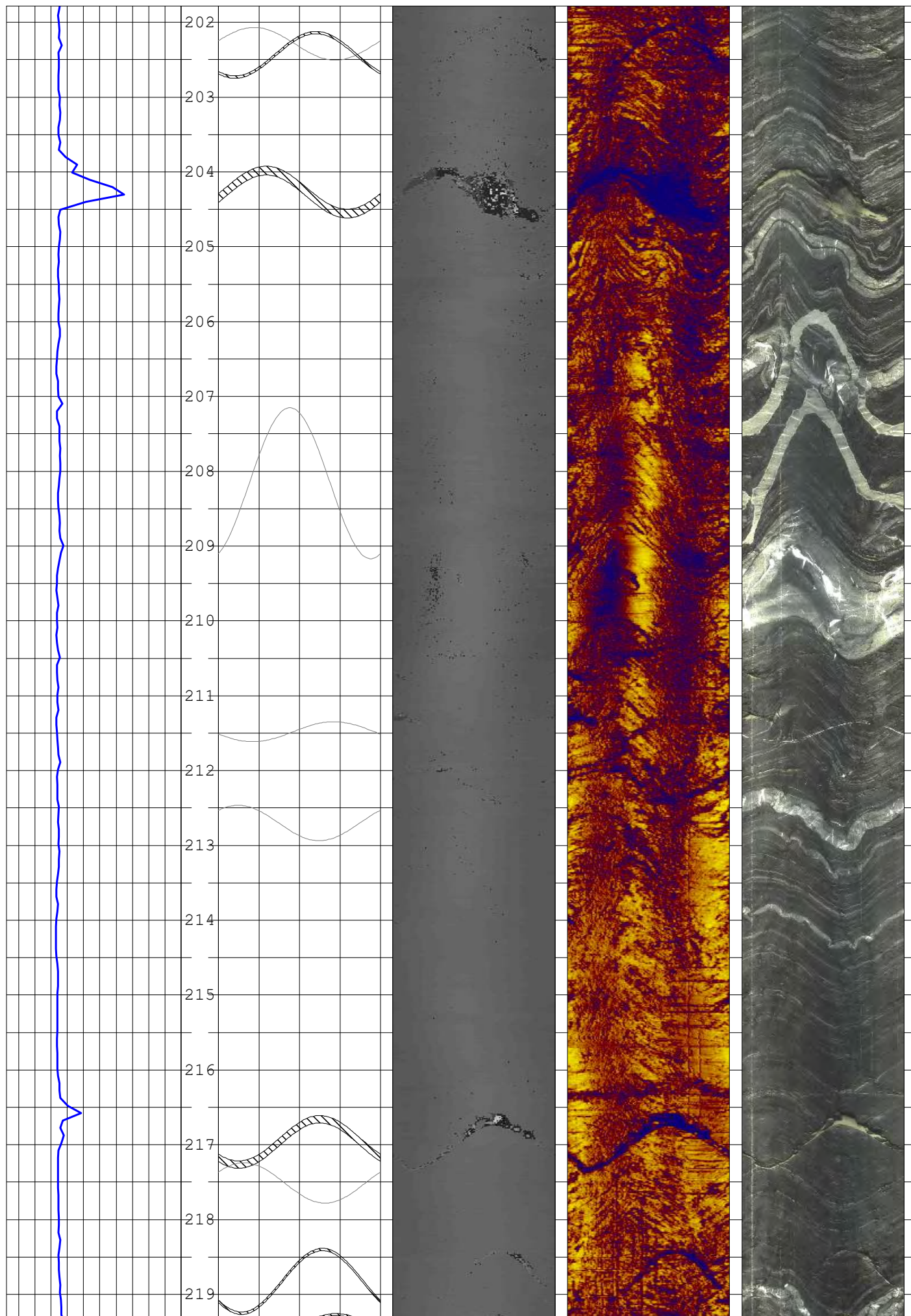


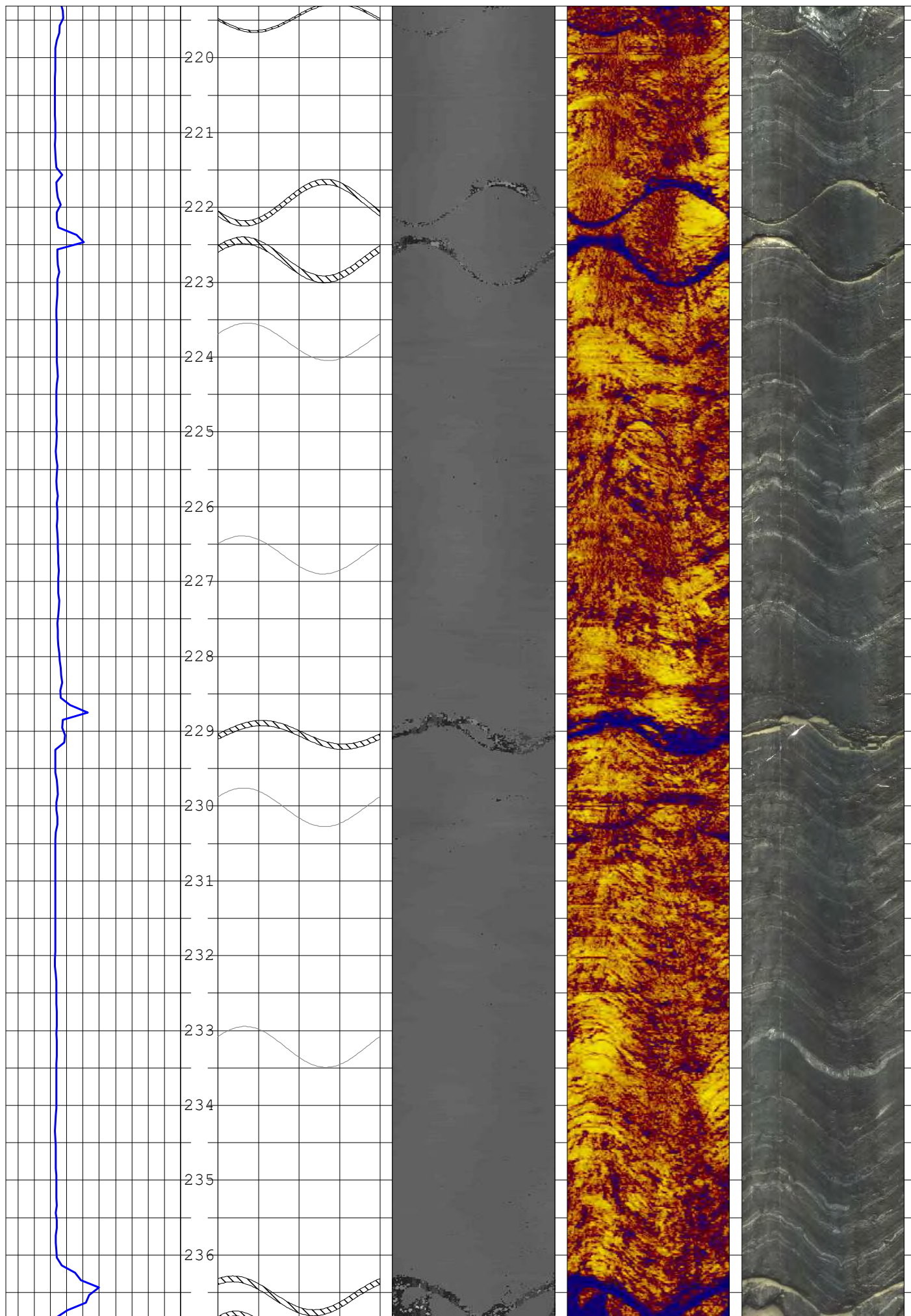


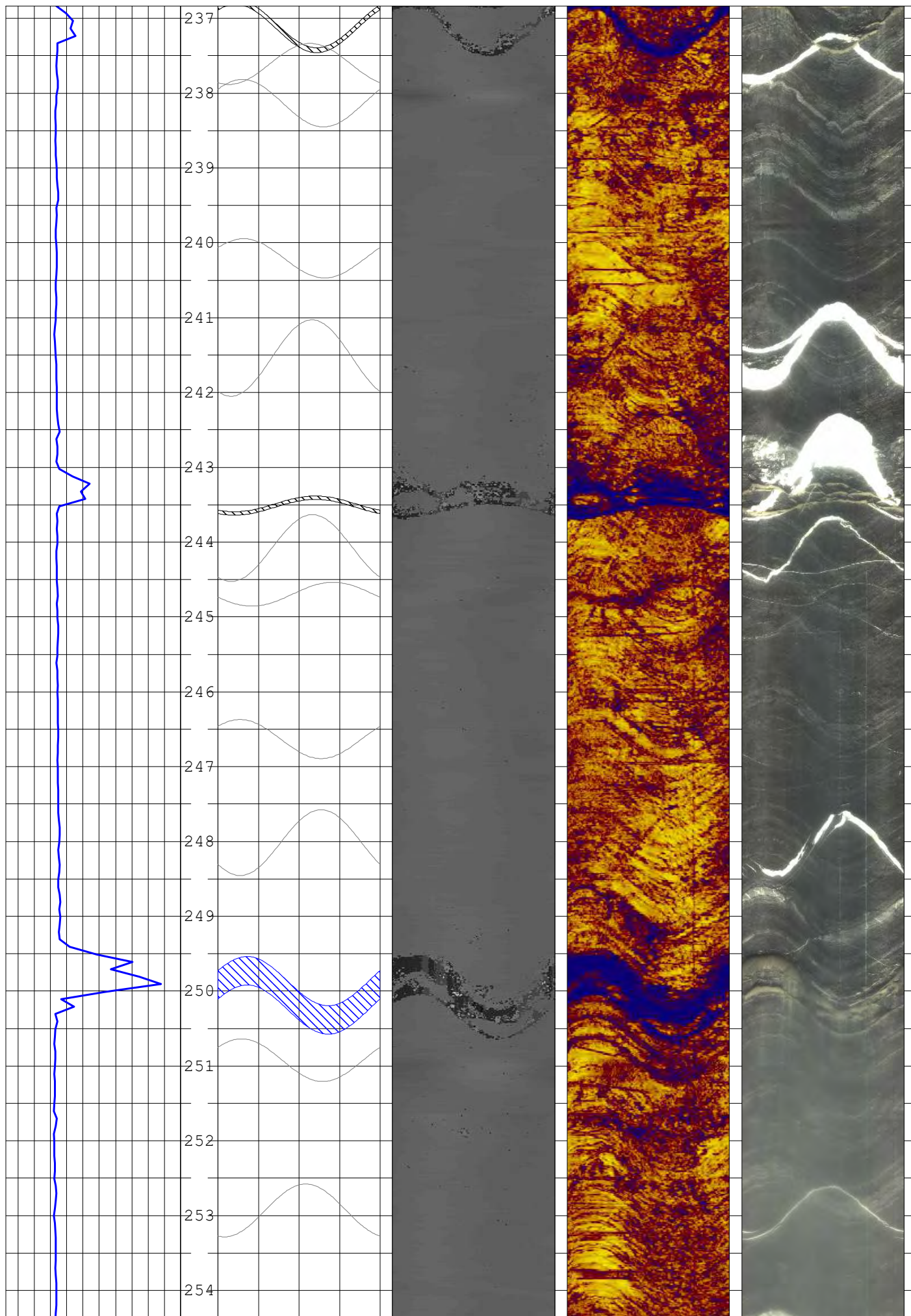


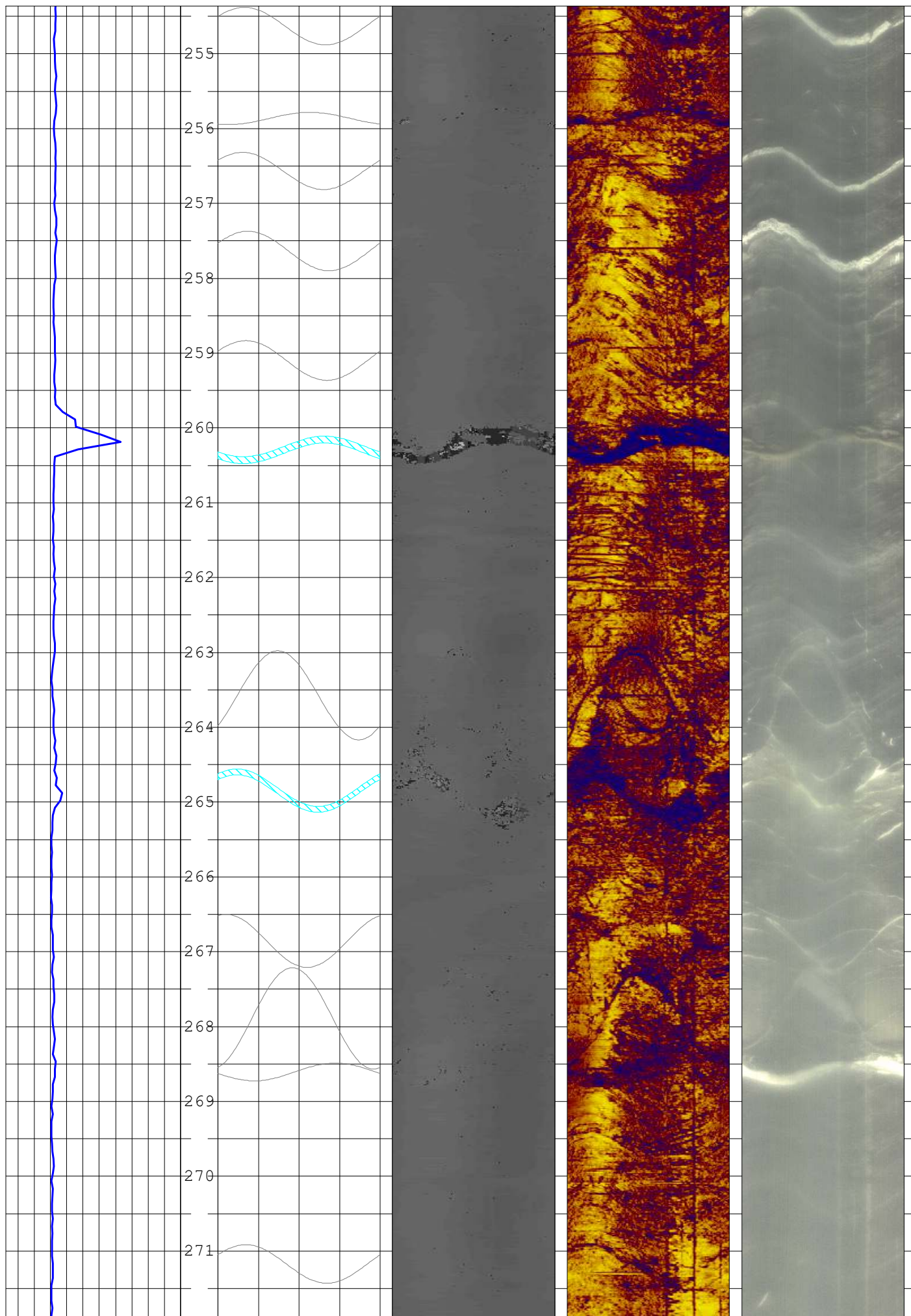


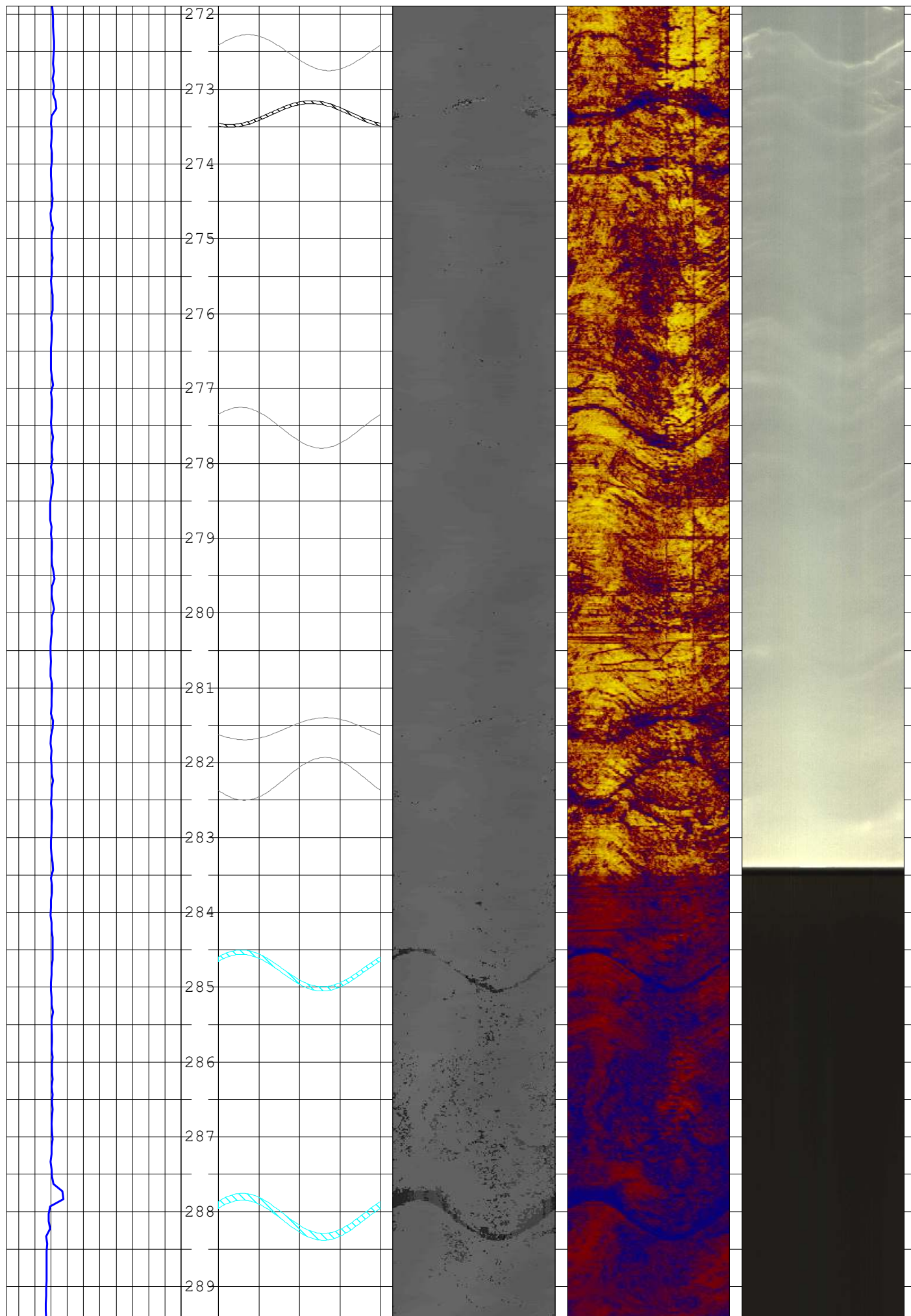












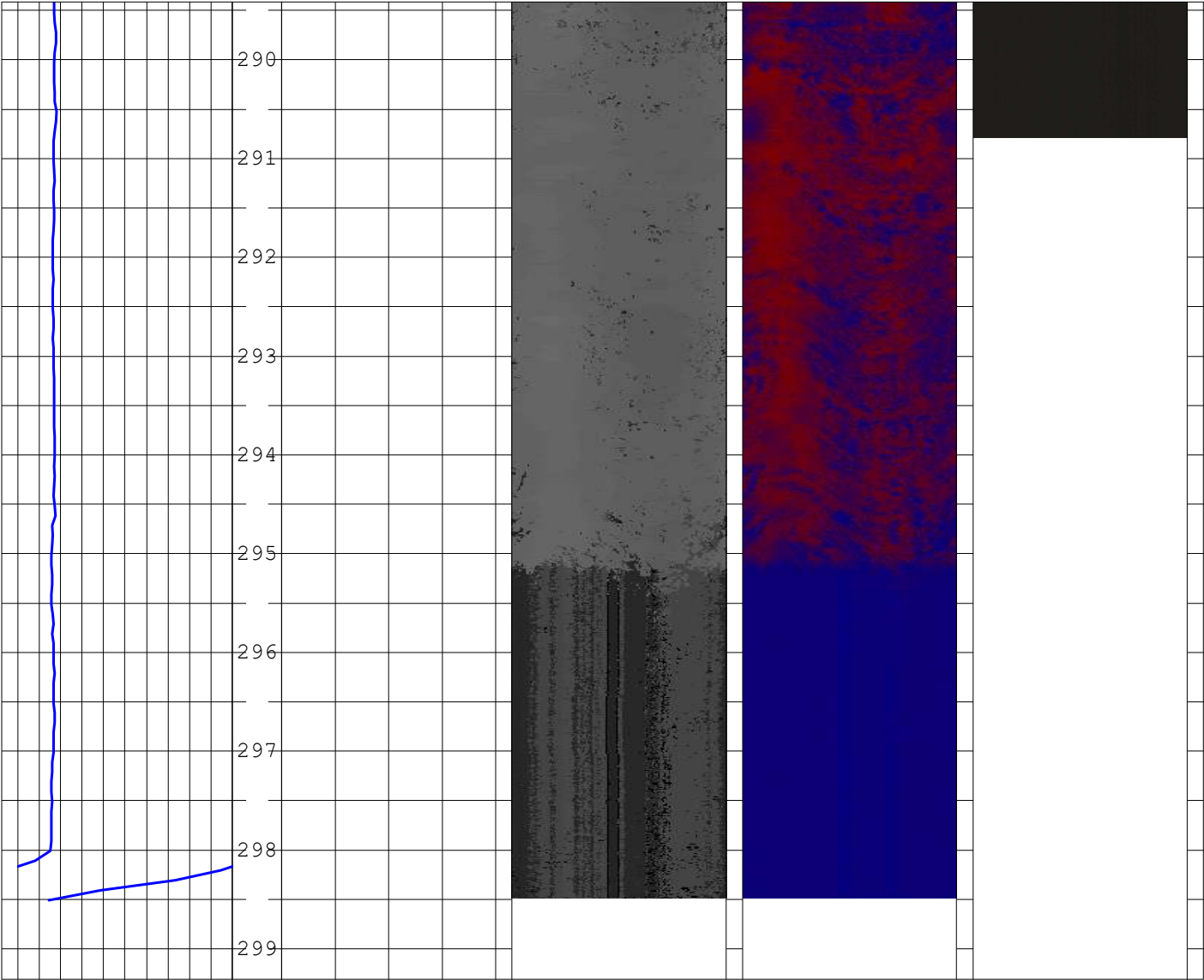


TABLE A-1 Planar features interpreted from acoustical and optical televewers
Former Loring AFB Site - Limestone, Maine

August, 2022

Declination: 16.4 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
NP BW001	1	35.9	49	152	62	136	46	7	108
NP BW001	2	35.9	46	62	332	46	316	<1 mm	100
NP BW001	3	37.1	55	306	216	289	199	16	107
NP BW001	4	37.6	46	84	354	68	338	6	108
NP BW001	5	38.3	51	268	178	252	162	4	108
NP BW001	6	39.0	46	164	74	148	58	16	107
NP BW001	7	39.9	42	174	84	158	68	<1 mm	100
NP BW001	8	41.6	31	118	28	101	11	<1 mm	100
NP BW001	9	43.6	60	213	123	196	106	6	108
NP BW001	10	45.4	39	240	150	223	133	<1 mm	100
NP BW001	11	47.9	43	117	27	101	11	25	107
NP BW001	12	48.9	57	237	147	221	131	5	101
NP BW001	13	51.9	51	112	22	95	5	10	108
NP BW001	14	53.2	48	214	124	198	108	50	107
NP BW001	15	56.6	46	222	132	205	115	<1 mm	100
NP BW001	16	56.6	46	227	137	210	120	<1 mm	100
NP BW001	17	57.5	31	37	307	21	291	37	107
NP BW001	18	59.5	39	336	246	320	230	7	101
NP BW001	19	61.8	51	232	142	216	126	<1 mm	100
NP BW001	20	62.2	35	100	10	83	353	15	108
NP BW001	21	62.8	51	252	162	235	145	43	108
NP BW001	22	64.2	46	281	191	265	175	7	108
NP BW001	23	64.3	22	90	0	74	344	7	108
NP BW001	24	66.8	44	96	6	80	350	<1 mm	100
NP BW001	25	67.2	46	246	156	230	140	<1 mm	100
NP BW001	26	68.2	43	242	152	225	135	<1 mm	100
NP BW001	27	70.9	37	43	313	27	297	7	101
NP BW001	28	71.3	47	236	146	220	130	<1 mm	100
NP BW001	29	74.6	41	228	138	212	122	<1 mm	100
NP BW001	30	76.4	47	232	142	216	126	12	101
NP BW001	31	77.1	43	243	153	227	137	10	101
NP BW001	32	77.5	27	48	318	32	302	8	101
NP BW001	33	78.7	39	234	144	218	128	<1 mm	100
NP BW001	34	79.6	38	94	4	78	348	7	101
NP BW001	35	80.5	41	248	158	232	142	<1 mm	100
NP BW001	36	82.6	36	17	287	0	270	13	101
NP BW001	37	82.8	40	344	254	327	237	6	101
NP BW001	38	86.7	47	241	151	225	135	13	101
NP BW001	39	91.1	44	263	173	247	157	35	108
NP BW001	40	93.2	45	253	163	237	147	<1 mm	100
NP BW001	41	98.1	45	238	148	221	131	32	108
NP BW001	42	101.3	40	70	340	53	323	6	101
NP BW001	43	102.3	40	239	149	223	133	5	101
NP BW001	44	103.5	43	252	162	236	146	<1 mm	100
NP BW001	45	104.9	59	80	350	64	334	5	101
NP BW001	46	115.4	47	237	147	221	131	<1 mm	100
NP BW001	47	122.6	31	78	348	62	332	53	108
NP BW001	48	124.1	41	222	132	205	115	<1 mm	100
NP BW001	49	125.8	23	84	354	67	337	19	108
NP BW001	50	126.6	38	241	151	224	134	<1 mm	100
NP BW001	51	127.6	78	340	250	324	234	6	108
NP BW001	52	130.3	43	50	320	34	304	18	108
NP BW001	53	132.1	43	225	135	208	118	<1 mm	100
NP BW001	54	132.4	22	43	313	27	297	6	108

TABLE A-1 Planar features interpreted from acoustical and optical televewers
Former Loring AFB Site - Limestone, Maine

August, 2022

Declination: 16.4 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
NP_BW001	55	134.4	40	243	153	226	136	<1 mm	100
NP_BW001	56	136.4	34	27	297	11	281	10	101
NP_BW001	57	139.3	51	236	146	220	130	35	101
NP_BW001	58	142.6	42	257	167	241	151	<1 mm	100
NP_BW001	59	143.4	24	58	328	42	312	29	101
NP_BW001	60	146.4	46	239	149	222	132	7	101
NP_BW001	61	147.0	43	231	141	215	125	<1 mm	100
NP_BW001	62	150.2	27	0	270	344	254	35	101
NP_BW001	63	157.1	42	236	146	219	129	33	101
NP_BW001	64	158.4	37	232	142	215	125	<1 mm	100
NP_BW001	65	159.5	49	51	321	34	304	<1 mm	100
NP_BW001	66	163.1	42	225	135	208	118	<1 mm	100
NP_BW001	67	167.3	29	52	322	36	306	28	101
NP_BW001	68	170.4	39	243	153	227	137	<1 mm	100
NP_BW001	69	174.2	41	235	145	219	129	19	101
NP_BW001	70	175.6	37	28	298	11	281	15	101
NP_BW001	71	177.0	43	231	141	215	125	<1 mm	100
NP_BW001	72	180.6	46	229	139	213	123	7	101
NP_BW001	73	181.4	43	48	318	31	301	5	101
NP_BW001	74	183.8	27	13	283	357	267	<1 mm	100
NP_BW001	75	184.6	58	188	98	172	82	<1 mm	100
NP_BW001	76	188.2	53	198	108	182	92	<1 mm	100
NP_BW001	77	192.5	47	209	119	192	102	<1 mm	100
NP_BW001	78	196.3	47	268	178	252	162	5	101
NP_BW001	79	196.9	47	25	295	8	278	10	101
NP_BW001	80	200.1	42	267	177	251	161	<1 mm	100
NP_BW001	81	202.3	39	260	170	243	153	<1 mm	100
NP_BW001	82	202.4	48	37	307	20	290	6	101
NP_BW001	83	204.3	43	286	196	270	180	26	101
NP_BW001	84	208.2	75	339	249	322	232	<1 mm	100
NP_BW001	85	211.5	26	76	346	60	330	<1 mm	100
NP_BW001	86	212.7	41	224	134	207	117	<1 mm	100
NP_BW001	87	217.0	48	45	315	29	299	19	101
NP_BW001	88	217.5	45	237	147	220	130	<1 mm	100
NP_BW001	89	218.8	57	51	321	35	305	5	101
NP_BW001	90	219.5	35	81	351	65	335	7	101
NP_BW001	91	221.9	46	59	329	42	312	15	101
NP_BW001	92	222.7	44	236	146	220	130	20	101
NP_BW001	93	223.8	43	245	155	228	138	<1 mm	100
NP_BW001	94	226.6	43	234	144	217	127	<1 mm	100
NP_BW001	95	229.1	30	278	188	262	172	18	101
NP_BW001	96	230.0	44	237	147	221	131	<1 mm	100
NP_BW001	97	233.2	45	240	150	223	133	<1 mm	100
NP_BW001	98	236.6	38	213	123	197	107	18	101
NP_BW001	99	237.1	49	219	129	203	113	13	101
NP_BW001	100	237.6	45	25	295	9	279	<1 mm	100
NP_BW001	101	238.1	50	234	144	218	128	<1 mm	100
NP_BW001	102	240.2	44	237	147	221	131	<1 mm	100
NP_BW001	103	241.5	62	29	299	13	283	<1 mm	100
NP_BW001	104	243.5	21	36	306	20	290	12	101
NP_BW001	105	244.1	59	30	300	13	283	<1 mm	100
NP_BW001	106	244.7	30	75	345	59	329	<1 mm	100
NP_BW001	107	246.6	44	229	139	213	123	<1 mm	100
NP_BW001	108	248.0	58	49	319	33	303	<1 mm	100

TABLE A-1 Planar features interpreted from acoustical and optical televiewers
Former Loring AFB Site - Limestone, Maine

August, 2022

Declination: 16.4 degrees west

Borehole	Feature Number	Feature depth Feet	Dip Degrees	Dip Azimuth magnetic	Strike magnetic	Dip Azimuth True	Strike True	Aperture mm	Category Type
NP_BW001	109	250.1	48	245	155	229	139	77	107
NP_BW001	110	250.9	47	233	143	216	126	<1 mm	100
NP_BW001	111	252.9	53	15	285	358	268	<1 mm	100
NP_BW001	112	254.6	43	239	149	222	132	<1 mm	100
NP_BW001	113	255.9	17	24	294	8	278	<1 mm	100
NP_BW001	114	256.6	43	234	144	218	128	<1 mm	100
NP_BW001	115	257.6	44	247	157	230	140	<1 mm	100
NP_BW001	116	259.1	45	242	152	226	136	<1 mm	100
NP_BW001	117	260.3	26	57	327	40	310	25	108
NP_BW001	118	263.6	66	313	223	297	207	<1 mm	100
NP_BW001	119	264.9	43	222	132	206	116	18	108
NP_BW001	120	266.9	53	198	108	182	92	<1 mm	100
NP_BW001	121	267.9	68	345	255	329	239	<1 mm	100
NP_BW001	122	268.6	24	81	351	65	335	<1 mm	100
NP_BW001	123	271.2	44	242	152	226	136	<1 mm	100
NP_BW001	124	272.5	42	246	156	229	139	<1 mm	100
NP_BW001	125	273.3	31	25	295	9	279	11	101
NP_BW001	126	277.5	46	229	139	213	123	<1 mm	100
NP_BW001	127	281.6	29	58	328	42	312	<1 mm	100
NP_BW001	128	282.2	47	57	327	41	311	<1 mm	100
NP_BW001	129	284.8	43	231	141	215	125	14	108
NP_BW001	130	288.1	45	233	143	217	127	19	108

Explanation:

- Category 100 = planar feature (possible fracture, joint, foliation, bedding, etc.) aperture less than 1 mm
- Category 101 = planar feature (possible fracture, joint, foliation, bedding, etc.) aperture > 1 mm
- Category 107 = Likely water bearing feature
- Category 108 = Possible water bearing fracture