Ms 193SR-204, Table T2. PIMA analyses, Hole 1189A.

Core, section, interval (cm)	Piece	Unit	Length (cm)	Depth core top (mbsf)	PIMA measurement number	Sample type	Illite			Chlorite		Pyrophylite		Smectite/interlayered smectite presence	Feature analyzed/comments on sample	Alteration feature analyzed	
							Presence	Relative abundance (%)	AlOH absorption position (nm)	Presence	Relative abundance (%)	Presence	Relative abundance (%)			Alteration style	Alteration type
193-1189A-																	
1R-1, 0–5	1	1	4	0	1189A_1	Core									Vesicular fine-grained dark material	Wallrock	
1R-1, 30–34	8	2	3	0.3	1189A_2	Core									Mid gray fine-grained vesicular material with measurement taken on large vesicle near the center of the sample which has a light gray coating around the vesicle interior surface	Vessicle fill	
2R-1, 6–14	2	2	6	9.76	1189A_3	Core									Measurement taken off the light gray area of the upper surface of the sample	Wallrock	
2R-1, 27–33	5	2	5	9.97	1189A_4	Core									Mid to light gray vesicular material	Wallrock	
2R-1, 86–93	13	2	4	10.56	1189A_5	Core				Yes	6.46				Light gray to white material	Wallrock	Bleaching
2R-1, 93–101	14	3	2	10.63	1189A_6	Core	Yes	5.89	2200					Possible	Mid to light gray with minor pyrite	Wallrock	Silicification
2R-1, 117–126	16	4	9	10.87	1189A_7	Core									Light gray breccia. Middle of sample measured	Wallrock	
3R-1, 20–25	4	5	3	19.6	1189A_8	Core									Light gray vesicular material	Wallrock	
3R-1, 42–50	8	5	8	19.82	1189A_9	Core									Mid gray vesicular material	Wallrock	
3R-1, 56–63	10	6	6	19.96	1189A_10	Core				Yes	28.05				Mid gray elongated clast running from the center of the sample outward to one edge of the sample	Wallrock	Green silica-clay
3R-1, 63–69	11	7	3	20.03	1189A_11	Core									The measurement was centered on the vein halo but incorporated some of the anhydrite vein material as well as some of the surrounding rock	Vein/alteration halo	
3R-1, 69–76	12	7	5	20.09	1189A_12	Core	Yes	8.57	2196						Mid to light gray rock with very small vesicles. Central, unveined area analyzed	Wallrock	Silicification
4R-1, 5–17	2	8	11	29.15	1189A_13	Core	Yes	2.64	2200					Possible	Mid gray vein cutting lighter gray material analyzed. Majority of signal derived from the light gray material due to the thinness of the vein	Vein/alteration halo	Green silica-clay/silicification
5R-1, 14–23	3	9	7	38.94	1189A_14	Core									Mid greenish gray matrix material analyzed with as little clastic material as possible included in the measurement	Wallrock	
5R-1, 50–57	8	9	5	39.3	1189A_15	Core									Large light gray to white clast	Wallrock	
6R-1, 42–48	7	9	4	49.02	1189A_16	Core	Yes	5.60	2206	Yes	7.77			Less possible	Corner of the sample with relict flow banding measured	Wallrock	Green silica-clay/silicification
7R-1, 12–24	3	10	11	58.42	1189A_17	Core									Dark vein halo including pyrite (noise?) surrounded by lighter rock	Vein/alteration halo	
7R-1, 12–24	3	10	11	58.42	1189A_18	Core				Yes	4.37				Lighter gray rock which surrounds the veins	Alteration halo	Green silica-clay/silicification
7R-1, 43–46	6	10	2	58.73	1189A_19	Core	Yes	3.25	2200	Yes	4.87			Less possible	Light gray	Wallrock	Green silica-clay
7R-1, 67–72	10	11	4	58.97	1189A_20	Core	Yes	3.33	2200	Yes	6.47			Less possible	Light and dark gray brecciated material Too fine grained to take separate measurements of light and dark material. Measurement taken from center of sample	Wallrock	Green silica-clay/silicification
7R-1, 79–88	13	12	8	59.09	1189A_21	Core				Yes	7.41				Light to mid gray rock Measurement taken from area of minimum vesiculation	Wallrock	Green silica-clay/silicification
7R-1, 96–99	16	13	3	59.26	1189A_22	Core									Fine breccia	Wallrock	
7R-1, 99–102	17	14	2	59.29	1189A_23	Core									Jasper	Wallrock	
8R-1, 3–10	2	15	5	68.03	1189A_24	Core									Greenish gray cherty material	Wallrock	
8R-1, 14–23	4	15	6	68.14	1189A_25	Core									Finely grained gray green rock	Wallrock	
8R-1, 65–72	10	15	5	68.65	1189A_26	Core	Yes	2.53	2184	Yes	3.29			Less possible	Finely grained gray green rock	Wallrock	Silicification
8R-1, 124–128	20	15	4	69.24	1189A_27	Core									Dark gray to black material	Wallrock	
9R-1, 28–41	5	16	11	77.98	1189A_28	Core	Yes	1.63	2195	Yes	7.61			Less possible	Gray-green fractured rock	Wallrock	Green silica-clay/silicification
9R-1, 77–86	12	16	7	78.47	1189A_29	Core	Yes	1.90	2202	Yes	5.90			Less possible	Gray-green brecciated rock	Wallrock	Green silica-clay/silicification
9R-1, 86–89	13	17	2	78.56	1189A_30	Core	Yes	10.37	2201	Yes	17.28			Less possible		Wallrock	Green silica-clay
10R-1, 38–51	6	19	10	87.68	1189A_31	Core				Yes	6.09				Light gray vesicular	Wallrock	Green silica-clay/silicification
10R-1, 38–51	6	19	10	87.68	1189A_32	Core	Yes	4.29	2200					Possible	Gray-green clast	Wallrock	Green silica-clay/silicification
10R-1, 102–115	11	19	11	88.32	1189A_33	Core	Yes	2.93	2200	Yes	4.89			Less possible	Mid to dark gray matrix material	Wallrock	Green silica-clay/silicification
11R-1, 6–13	2	20	4	96.96	1189A_34	Core	Yes	1.507	2196					Possible	Area measured featured brecciated material with fine-grained clasts mixed almost equally with darker matrix	Wallrock	Silicification/green silica-clay
11R-1, 25–30	5	20	3	97.15	1189A_35	Core	Yes	22.78	2198						Dark halo measured	Alteration halo	Silicification/green silica-clay
11R-1, 80–97	12	20	14	97.7	1189A_36	Core	Yes	9.11	2204	Yes	13.12			Less possible	Light gray rock next to pyrite vein	Wallrock/vein	Silicification/green silica-clay
12R-1, 50–61	7	20	8	107	1189A_37	Core	Yes	8.31	2198	Yes	8.51			Less possible	Light gray vesicular	Wallrock	Silicification/green silica-clay
12R-1, 50–61	7	20	8	107	1189A_38	Core	Yes	12.20	2202					Less possible	Light gray rock next to pyrite vein	Wallrock	Silicification/green silica-clay
12R-1, 120–128	16	21	6	107.7	1189A_39	Core									White halo around pyrite vein	Alteration halo/vein	
12R-1, 128–135	17	22	5	107.78	1189A_40	Core	Yes	7.47	2203	Yes	10.38			Less possible	Mineralized area	Mineralization	Silicification/green silica-clay
13R-1, 6–15	2	23	5	116.16	1189A_41	Core	Yes	3.24	2198	Yes	11.54			Less possible	Light and dark gray bands	Wallrock	Silicification/green silica-clay
13R-1, 6–15	2	23	5	116.16	1189A_42	Core	Yes	3.39	2196	Yes	13.18				Light green vesicular material	Wallrock	Silicification/green silica-clay
13R-1, 38–45	6	23	4	116.48	1189A_43	Core	Yes	3.22	2210	Yes	10.24			Less possible	Mid gray vein halo. Not measured on cut surface of core	Alteration halo	Silicification/green silica-clay
13R-1, 45–51	7	24	4	116.55	1189A_44	Core	Yes	1.67	2198	Yes	13.03			Less possible	Light and dark gray bands	Wallrock	Silicification/green silica-clay
13R-1, 62–72	10	24	5	116.72	1189A_45	Core	Yes	2.56	2194	Yes	19.88			Less possible	Light gray area	Wallrock	Silicification/green silica-clay
2R-1, 33–41	6	2	7	10.03	1189A_46	XRD Powder									Mid gray sample	Wallrock	
2R-1, 77–86	12	2	4	10.47	1189A_47	XRD Powder	Yes	11.43	2194	Yes	44.44			Less possible	XRD power. Interval 34–35		
2R-1, 101–117	15	4	6	10.71	1189A_48	XRD Powder									XRD power. Interval 77–78		
3R-1, 56–63	10	6	6	19.96	1189A_49	XRD Powder	Yes	35.32	2220						XRD power. Interval 113–115		
3R-1, 69–76	12	7	5	20.09	1189A_50	XRD Powder	Yes	36.43	2190						XRD power. Interval 59–63		
4R-1, 17–24	3	8	5	29.27	1189A_51	XRD Powder	Yes	24.29	2192, 2208					Less possible	XRD power. Interval 70–73		
7R-1, 28–43	5	10	13	58.58	1189A_52	XRD Powder	Yes	22.86	2190, 2204					Less possible	XRD power. Interval 21–24		
7R-1, 59–67	9	11	7	58.89	1189A_53	XRD Powder	Yes	25.90	2186, 2208						XRD power. Interval 27–28		
7R-1, 79–88	13	12	8	59.09	1189A_54	XRD Powder									XRD power. Interval 58–59		
7R-1, 96–99	16	13	3	59.26	1189A_55	XRD Powder									XRD power. Interval 79–80		
8R-1, 31–45	6	15	9	68.31	1189A_56	XRD Powder									XRD power. Interval 95–96		
8R-1, 113–124	19	15	8	69.13	1189A_57	XRD Powder									XRD power. Interval 31–45		
9R-1, 17–28	4	16	9	77.87	1189A_58	XRD Powder									XRD power. Interval 113–124		
10R-1, 0–4	1	17	2	87.3	1189A_59	XRD Powder									XRD power. Interval 16–17		
10R-1, 38–51	6	19	10	87.68	1189A_60	XRD Powder	Yes	32.38	2196						XRD power. Interval 0–1		
11R-1, 38–55	7	20	6	97.28	1189A_61	XRD Powder	Yes	100.00	2204	Yes	100.00				XRD power. Interval 50–51		
13R-1, 51–59	8	24	5	116.61	1189A_62	XRD Powder									XRD power. Interval 37–55		
13R-1, 62–72	10	24	5	116.72	1189A_63	XRD Powder									XRD power. Interval 62–71		

Note: XRD = X-ray diffraction.

Table T2. PIMA analyses, Hole 1189A. (Continued on next three pages.)

Core, section, interval (cm)	Piece	Unit	Length (cm)	Depth core top (mbsf)	PIMA measurement number	Sample type	Illite		
							Presence	Relative abundance (%)	AlOH absorption position (nm)
193-1189A-									
1R-1, 0–5	1	1	4	0	1189A_1	Core			
1R-1, 30–34	8	2	3	0.3	1189A_2	Core			
2R-1, 6–14	2	2	6	9.76	1189A_3	Core			
2R-1, 27–33	5	2	5	9.97	1189A_4	Core			
2R-1, 86–93	13	2	4	10.56	1189A_5	Core			
2R-1, 93–101	14	3	2	10.63	1189A_6	Core	Yes	5.89	2200
2R-1, 117–126	16	4	9	10.87	1189A_7	Core			
3R-1, 20–25	4	5	3	19.6	1189A_8	Core			
3R-1, 42–50	8	5	8	19.82	1189A_9	Core			
3R-1, 56–63	10	6	6	19.96	1189A_10	Core			
3R-1, 63–69	11	7	3	20.03	1189A_11	Core			
3R-1, 69–76	12	7	5	20.09	1189A_12	Core	Yes	8.57	2196
4R-1, 5–17	2	8	11	29.15	1189A_13	Core	Yes	2.64	2200
5R-1, 14–23	3	9	7	38.94	1189A_14	Core			
5R-1, 50–57	8	9	5	39.3	1189A_15	Core			
6R-1, 42–48	7	9	4	49.02	1189A_16	Core	Yes	5.60	2206
7R-1, 12–24	3	10	11	58.42	1189A_17	Core			
7R-1, 12–24	3	10	11	58.42	1189A_18	Core			
7R-1, 43–46	6	10	2	58.73	1189A_19	Core	Yes	3.25	2200
7R-1, 67–72	10	11	4	58.97	1189A_20	Core	Yes	3.33	2200
7R-1, 79–88	13	12	8	59.09	1189A_21	Core			
7R-1, 96–99	16	13	3	59.26	1189A_22	Core			
7R-1, 99–102	17	14	2	59.29	1189A_23	Core			
8R-1, 3–10	2	15	5	68.03	1189A_24	Core			
8R-1, 14–23	4	15	6	68.14	1189A_25	Core			
8R-1, 65–72	10	15	5	68.65	1189A_26	Core	Yes	2.53	2184
8R-1, 124–128	20	15	4	69.24	1189A_27	Core			
9R-1, 28–41	5	16	11	77.98	1189A_28	Core	Yes	1.63	2195
9R-1, 77–86	12	16	7	78.47	1189A_29	Core	Yes	1.90	2202
9R-1, 86–89	13	17	2	78.56	1189A_30	Core	Yes	10.37	2201
10R-1, 38–51	6	19	10	87.68	1189A_31	Core			
10R-1, 38–51	6	19	10	87.68	1189A_32	Core	Yes	4.29	2200
10R-1, 102–115	11	19	11	88.32	1189A_33	Core	Yes	2.93	2200
11R-1, 6–13	2	20	4	96.96	1189A_34	Core	Yes	1.507	2196
11R-1, 25–30	5	20	3	97.15	1189A_35	Core	Yes	22.78	2198
11R-1, 80–97	12	20	14	97.7	1189A_36	Core	Yes	9.11	2204
12R-1, 50–61	7	20	8	107	1189A_37	Core	Yes	8.31	2198
12R-1, 50–61	7	20	8	107	1189A_38	Core	Yes	12.20	2202
12R-1, 120–128	16	21	6	107.7	1189A_39	Core			
12R-1, 128–135	17	22	5	107.78	1189A_40	Core	Yes	7.47	2203
13R-1, 6–15	2	23	5	116.16	1189A_41	Core	Yes	3.24	2198
13R-1, 6–15	2	23	5	116.16	1189A_42	Core	Yes	3.39	2196
13R-1, 38–45	6	23	4	116.48	1189A_43	Core	Yes	3.22	2210
13R-1, 45–51	7	24	4	116.55	1189A_44	Core	Yes	1.67	2198
13R-1, 62–72	10	24	5	116.72	1189A_45	Core	Yes	2.56	2194
2R-1, 33–41	6	2	7	10.03	1189A_46	XRD Powder			
2R-1, 77–86	12	2	4	10.47	1189A_47	XRD Powder	Yes	11.43	2194
2R-1, 101–117	15	4	6	10.71	1189A_48	XRD Powder			
3R-1, 56–63	10	6	6	19.96	1189A_49	XRD Powder	Yes	35.32	2220
3R-1, 69–76	12	7	5	20.09	1189A_50	XRD Powder	Yes	36.43	2190
4R-1, 17–24	3	8	5	29.27	1189A_51	XRD Powder	Yes	24.29	2192, 2208
7R-1, 28–43	5	10	13	58.58	1189A_52	XRD Powder	Yes	22.86	2190, 2204
7R-1, 59–67	9	11	7	58.89	1189A_53	XRD Powder	Yes	25.90	2186, 2208
7R-1, 79–88	13	12	8	59.09	1189A_54	XRD Powder			
7R-1, 96–99	16	13	3	59.26	1189A_55	XRD Powder			
8R-1, 31–45	6	15	9	68.31	1189A_56	XRD Powder			
8R-1, 113–124	19	15	8	69.13	1189A_57	XRD Powder			
9R-1, 17–28	4	16	9	77.87	1189A_58	XRD Powder			
10R-1, 0–4	1	17	2	87.3	1189A_59	XRD Powder			
10R-1, 38–51	6	19	10	87.68	1189A_60	XRD Powder	Yes	32.38	2196
11R-1, 38–55	7	20	6	97.28	1189A_61	XRD Powder	Yes	100.00	2204
13R-1, 51–59	8	24	5	116.61	1189A_62	XRD Powder			
13R-1, 62–72	10	24	5	116.72	1189A_63	XRD Powder			

Note: XRD = X-ray diffraction.

Table T2 (continued).

Core, section, interval (cm)	Piece	Unit	Length (cm)	Depth core top (mbsf)	Chlorite		Pyrophylite		Smectite/interlayered smectite presence
					Presence	Relative abundance (%)	Presence	Relative abundance (%)	
193-1189A-									
1R-1, 0–5	1	1	4	0					
1R-1, 30–34	8	2	3	0.3					
2R-1, 6–14	2	2	6	9.76					
2R-1, 27–33	5	2	5	9.97					
2R-1, 86–93	13	2	4	10.56	Yes	6.46			
2R-1, 93–101	14	3	2	10.63					Possible
2R-1, 117–126	16	4	9	10.87					
3R-1, 20–25	4	5	3	19.6					
3R-1, 42–50	8	5	8	19.82					
3R-1, 56–63	10	6	6	19.96	Yes	28.05			
3R-1, 63–69	11	7	3	20.03					
3R-1, 69–76	12	7	5	20.09					
4R-1, 5–17	2	8	11	29.15					Possible
5R-1, 14–23	3	9	7	38.94					
5R-1, 50–57	8	9	5	39.3					
6R-1, 42–48	7	9	4	49.02	Yes	7.77			Less possible
7R-1, 12–24	3	10	11	58.42					
7R-1, 12–24	3	10	11	58.42	Yes	4.37			
7R-1, 43–46	6	10	2	58.73	Yes	4.87			Less possible
7R-1, 67–72	10	11	4	58.97	Yes	6.47			Less possible
7R-1, 79–88	13	12	8	59.09	Yes	7.41			
7R-1, 96–99	16	13	3	59.26					
7R-1, 99–102	17	14	2	59.29					
8R-1, 3–10	2	15	5	68.03					
8R-1, 14–23	4	15	6	68.14					
8R-1, 65–72	10	15	5	68.65	Yes	3.29			Less possible
8R-1, 124–128	20	15	4	69.24					
9R-1, 28–41	5	16	11	77.98	Yes	7.61			Less possible
9R-1, 77–86	12	16	7	78.47	Yes	5.90			Less possible
9R-1, 86–89	13	17	2	78.56	Yes	17.28			Less possible
10R-1, 38–51	6	19	10	87.68	Yes	6.09			
10R-1, 38–51	6	19	10	87.68					Possible
10R-1, 102–115	11	19	11	88.32	Yes	4.89			Less possible
11R-1, 6–13	2	20	4	96.96					Possible
11R-1, 25–30	5	20	3	97.15					
11R-1, 80–97	12	20	14	97.7	Yes	13.12			Less possible
12R-1, 50–61	7	20	8	107	Yes	8.51			Less possible
12R-1, 50–61	7	20	8	107					Less possible
12R-1, 120–128	16	21	6	107.7					
12R-1, 128–135	17	22	5	107.78	Yes	10.38			Less possible
13R-1, 6–15	2	23	5	116.16	Yes	11.54			Less possible
13R-1, 6–15	2	23	5	116.16	Yes	13.18			
13R-1, 38–45	6	23	4	116.48	Yes	10.24			Less possible
13R-1, 45–51	7	24	4	116.55	Yes	13.03			Less possible
13R-1, 62–72	10	24	5	116.72	Yes	19.88			Less possible
2R-1, 33–41	6	2	7	10.03					
2R-1, 77–86	12	2	4	10.47	Yes	44.44			Less possible
2R-1, 101–117	15	4	6	10.71					
3R-1, 56–63	10	6	6	19.96					
3R-1, 69–76	12	7	5	20.09					
4R-1, 17–24	3	8	5	29.27					Less possible
7R-1, 28–43	5	10	13	58.58					Less possible
7R-1, 59–67	9	11	7	58.89					
7R-1, 79–88	13	12	8	59.09					
7R-1, 96–99	16	13	3	59.26					
8R-1, 31–45	6	15	9	68.31					
8R-1, 113–124	19	15	8	69.13					
9R-1, 17–28	4	16	9	77.87					
10R-1, 0–4	1	17	2	87.3					
10R-1, 38–51	6	19	10	87.68					
11R-1, 38–55	7	20	6	97.28	Yes	100.00			
13R-1, 51–59	8	24	5	116.61					
13R-1, 62–72	10	24	5	116.72					

Table T2 (continued).

Core, section, interval (cm)	Piece	Unit	Length (cm)	Depth core top (mbsf)	Feature analyzed/comments on sample
193-1189A-					
1R-1, 0–5	1	1	4	0	Vesicular fine-grained dark material
1R-1, 30–34	8	2	3	0.3	Mid gray fine-grained vesicular material with measurement taken on large vesicle near the center of the sample which has a light gray coating around the vesicle interior surface
2R-1, 6–14	2	2	6	9.76	Measurement taken off the light gray area of the upper surface of the sample
2R-1, 27–33	5	2	5	9.97	Mid to light gray vesicular material
2R-1, 86–93	13	2	4	10.56	Light gray to white material
2R-1, 93–101	14	3	2	10.63	Mid to light gray with minor pyrite
2R-1, 117–126	16	4	9	10.87	Light gray breccia. Middle of sample measured
3R-1, 20–25	4	5	3	19.6	Light gray vesicular material
3R-1, 42–50	8	5	8	19.82	Mid gray vesicular material
3R-1, 56–63	10	6	6	19.96	Mid gray elongated clast running from the center of the sample outward to one edge of the sample
3R-1, 63–69	11	7	3	20.03	The measurement was centered on the vein halo but incorporated some of the anhydrite vein material as well as some of the surrounding rock
3R-1, 69–76	12	7	5	20.09	Mid to light gray rock with very small vesicles. Central, unveined area analyzed
4R-1, 5–17	2	8	11	29.15	Mid gray vein cutting lighter gray material analyzed. Majority of signal derived from the light gray material due to the thinness of the vein
5R-1, 14–23	3	9	7	38.94	Mid greenish gray matrix material analyzed with as little clastic material as possible included in the measurement
5R-1, 50–57	8	9	5	39.3	Large light gray to white clast
6R-1, 42–48	7	9	4	49.02	Corner of the sample with relict flow banding measured
7R-1, 12–24	3	10	11	58.42	Dark vein halo including pyrite (noise?) surrounded by lighter rock
7R-1, 12–24	3	10	11	58.42	Lighter gray rock which surrounds the veins
7R-1, 43–46	6	10	2	58.73	Light gray
7R-1, 67–72	10	11	4	58.97	Light and dark gray brecciated material. Too fine grained to take separate measurements of light and dark material. Measurement taken from center of sample
7R-1, 79–88	13	12	8	59.09	Light to mid gray rock Measurement taken from area of minimum vesiculation
7R-1, 96–99	16	13	3	59.26	Fine breccia
7R-1, 99–102	17	14	2	59.29	Jasper
8R-1, 3–10	2	15	5	68.03	Greenish gray cherty material
8R-1, 14–23	4	15	6	68.14	Finely grained gray green rock
8R-1, 65–72	10	15	5	68.65	Finely grained gray green rock
8R-1, 124–128	20	15	4	69.24	Dark gray to black material
9R-1, 28–41	5	16	11	77.98	Gray-green fractured rock
9R-1, 77–86	12	16	7	78.47	Gray-green brecciated rock
9R-1, 86–89	13	17	2	78.56	
10R-1, 38–51	6	19	10	87.68	Light gray vesicular
10R-1, 38–51	6	19	10	87.68	Gray-green clast
10R-1, 102–115	11	19	11	88.32	Mid to dark gray matrix material
11R-1, 6–13	2	20	4	96.96	Area measured featured brecciated material with fine-grained clasts mixed almost equally with darker matrix
11R-1, 25–30	5	20	3	97.15	Dark halo measured
11R-1, 80–97	12	20	14	97.7	Light gray rock next to pyrite vein
12R-1, 50–61	7	20	8	107	Light gray vesicular
12R-1, 50–61	7	20	8	107	Light gray rock next to pyrite vein
12R-1, 120–128	16	21	6	107.7	White halo around pyrite vein
12R-1, 128–135	17	22	5	107.78	Mineralized area
13R-1, 6–15	2	23	5	116.16	Light and dark gray bands
13R-1, 6–15	2	23	5	116.16	Light green vesicular material
13R-1, 38–45	6	23	4	116.48	Mid gray vein halo. Not measured on cut surface of core
13R-1, 45–51	7	24	4	116.55	Light and dark gray bands
13R-1, 62–72	10	24	5	116.72	Light gray area
2R-1, 33–41	6	2	7	10.03	Mid gray sample
2R-1, 77–86	12	2	4	10.47	XRD power. Interval 34–35
2R-1, 101–117	15	4	6	10.71	XRD power. Interval 77–78
3R-1, 56–63	10	6	6	19.96	XRD power. Interval 113–115
3R-1, 69–76	12	7	5	20.09	XRD power. Interval 59–63
4R-1, 17–24	3	8	5	29.27	XRD power. Interval 70–73
7R-1, 28–43	5	10	13	58.58	XRD power. Interval 21–24
7R-1, 59–67	9	11	7	58.89	XRD power. Interval 27–28
7R-1, 79–88	13	12	8	59.09	XRD power. Interval 58–59
7R-1, 96–99	16	13	3	59.26	XRD power. Interval 79–80
8R-1, 31–45	6	15	9	68.31	XRD power. Interval 95–96
8R-1, 113–124	19	15	8	69.13	XRD power. Interval 31–45
9R-1, 17–28	4	16	9	77.87	XRD power. Interval 113–124
10R-1, 0–4	1	17	2	87.3	XRD power. Interval 16–17
10R-1, 38–51	6	19	10	87.68	XRD power. Interval 0–1
11R-1, 38–55	7	20	6	97.28	XRD power. Interval 50–51
13R-1, 51–59	8	24	5	116.61	XRD power. Interval 37–55
13R-1, 62–72	10	24	5	116.72	XRD power. Interval 62–71

Table T2 (continued).

Core, section, interval (cm)	Piece	Unit	Length (cm)	Depth core top (mbsf)	Alteration feature analyzed	
					Alteration style	Alteration type
193-1189A-						
1R-1, 0–5	1	1	4	0	Wallrock	
1R-1, 30–34	8	2	3	0.3	Vessicle fill	
2R-1, 6–14	2	2	6	9.76	Wallrock	
2R-1, 27–33	5	2	5	9.97	Wallrock	
2R-1, 86–93	13	2	4	10.56	Wallrock	Bleaching
2R-1, 93–101	14	3	2	10.63	Wallrock	Silicification
2R-1, 117–126	16	4	9	10.87	Wallrock	
3R-1, 20–25	4	5	3	19.6	Wallrock	
3R-1, 42–50	8	5	8	19.82	Wallrock	
3R-1, 56–63	10	6	6	19.96	Wallrock	Green silica-clay
3R-1, 63–69	11	7	3	20.03	Vein/alteration halo	
3R-1, 69–76	12	7	5	20.09	Wallrock	Silicification
4R-1, 5–17	2	8	11	29.15	Vein/alteration halo	Green silica-clay/silicification
5R-1, 14–23	3	9	7	38.94	Wallrock	
5R-1, 50–57	8	9	5	39.3	Wallrock	
6R-1, 42–48	7	9	4	49.02	Wallrock	Green silica-clay/silicification
7R-1, 12–24	3	10	11	58.42	Vein/alteration halo	
7R-1, 12–24	3	10	11	58.42	Alteration halo	Green silica-clay/silicification
7R-1, 43–46	6	10	2	58.73	Wallrock	Green silica-clay
7R-1, 67–72	10	11	4	58.97	Wallrock	Green silica-clay/silicification
7R-1, 79–88	13	12	8	59.09	Wallrock	Green silica-clay/silicification
7R-1, 96–99	16	13	3	59.26	Wallrock	
7R-1, 99–102	17	14	2	59.29	Wallrock	
8R-1, 3–10	2	15	5	68.03	Wallrock	
8R-1, 14–23	4	15	6	68.14	Wallrock	
8R-1, 65–72	10	15	5	68.65	Wallrock	Silicification
8R-1, 124–128	20	15	4	69.24	Wallrock	
9R-1, 28–41	5	16	11	77.98	Wallrock	Green silica-clay/silicification
9R-1, 77–86	12	16	7	78.47	Wallrock	Green silica-clay/silicification
9R-1, 86–89	13	17	2	78.56	Wallrock	Green silica-clay
10R-1, 38–51	6	19	10	87.68	Wallrock	Green silica-clay/silicification
10R-1, 38–51	6	19	10	87.68	Wallrock	Green silica-clay/silicification
10R-1, 102–115	11	19	11	88.32	Wallrock	Green silica-clay/silicification
11R-1, 6–13	2	20	4	96.96	Wallrock	Silicification/green silica-clay
11R-1, 25–30	5	20	3	97.15	Alteration halo	Silicification/green silica-clay
11R-1, 80–97	12	20	14	97.7	Wallrock/vein	Silicification/green silica-clay
12R-1, 50–61	7	20	8	107	Wallrock	Silicification/green silica-clay
12R-1, 50–61	7	20	8	107	Wallrock	Silicification/green silica-clay
12R-1, 120–128	16	21	6	107.7	Alteration halo/vein	
12R-1, 128–135	17	22	5	107.78	Mineralization	Silicification/green silica-clay
13R-1, 6–15	2	23	5	116.16	Wallrock	Silicification/green silica-clay
13R-1, 6–15	2	23	5	116.16	Wallrock	Silicification/green silica-clay
13R-1, 38–45	6	23	4	116.48	Alteration halo	Silicification/green silica-clay
13R-1, 45–51	7	24	4	116.55	Wallrock	Silicification/green silica-clay
13R-1, 62–72	10	24	5	116.72	Wallrock	Silicification/green silica-clay
2R-1, 33–41	6	2	7	10.03	Wallrock	
2R-1, 77–86	12	2	4	10.47		
2R-1, 101–117	15	4	6	10.71		
3R-1, 56–63	10	6	6	19.96		
3R-1, 69–76	12	7	5	20.09		
4R-1, 17–24	3	8	5	29.27		
7R-1, 28–43	5	10	13	58.58		
7R-1, 59–67	9	11	7	58.89		
7R-1, 79–88	13	12	8	59.09		
7R-1, 96–99	16	13	3	59.26		
8R-1, 31–45	6	15	9	68.31		
8R-1, 113–124	19	15	8	69.13		
9R-1, 17–28	4	16	9	77.87		
10R-1, 0–4	1	17	2	87.3		
10R-1, 38–51	6	19	10	87.68		
11R-1, 38–55	7	20	6	97.28		
13R-1, 51–59	8	24	5	116.61		
13R-1, 62–72	10	24	5	116.72		