Table 3.--*Core data and core index for drill hole USBM-01A, Horse Draw, Piceance Creek Basin, Rio Blanco County, Colorado*

[Leaders indicate data not available]

Core run No.	Cored interval ft (m)	Length cored ft (m)	Recovery ft (m)	Loss ft (m)	Broken[1] ft (m)	Joints per core run	Core Index[2] (CI)	Comments
1	830-857 (253.0-261.2)	27.0 (8.2)	25.5 (7.8)	1.5 (0.5)	12.8 (3.9)	11	67	Pyrite and calcite on fracture surfaces
2	857-887 (261.2-270.4)	30.0 (9.1)	28.5 (8.7)	1.5 (0.5)	7.2 (2.2)	28	52	
3	887-915 (270.4-278.9)	28.0 (8.5)	25.8 (7.9)	2.2 (0.7)	23.6 (7.2)	0	100	
4	915-934 (278.9-284.7)	19.0 (5.8)	18.4 (5.6)	.6 (0.2)	6.2 (1.9)	17	58	
5	934-948.6 (284.7-289.1)	14.6 (4.5)	12.6 (3.8)	2.0 (0.6)	4.7 (1.4)	6	56	
6	948.6-966 (289.1-294.4)	17.4 (5.3)	15.2 (4.6)	2.2 (0.7)	12.4 (3.8)	8	95	
7	966-996 (294.4-303.6)	30.0 (9.1)	26.8 (8.2)	3.2 (1.0)	2.3 (0.7)	7	24	
8	996-1,012.4 (303.6-308.6)	16.4 (5.0)	13.5 (4.1)	2.9 (0.9)	8.9 (2.7)	13	92	Fracture zone 1,006-1,012 ft (306.6-308.5 m)
9	1,012.4-1,029.3 (308.6-313.7)	16.9 (5.2)	16.9 (5.2)	0	14.2 (4.3)	10	99	
10	1,029.3-1,047.2 (313.7-319.2)	17.9 (5.5)	17.9 (5.5)	0	12.9 (3.9)	11	87	
11	1,047.2-1,074.3 (319.2-327.4)	27.1 (8.3)	21.6 (6.6)	5.5 (1.7)	10.0 (3.0)	8	65	
12	1,074.3-1,082.7 (327.4-330.0)	8.4 (2.6)	8.4 (2.6)	0	6.3 (1.9)	4	87	
13	1,082.7-1,101.5 (330.0-335.7)	18.8 (5.7)	7.3 (2.2)	11.5 (3.5)	6.5 (2.0)	2	98	Fault zone? Clay
14	1,101.5-1,129.5 (335.7-344.3)	28.0 (8.5)	24.4 (7.4)	3.6 (1.1)	7.1 (2.2)	11	48	
15	1,129.5-1,153.5 (344.3-351.6)	24.0 (7.3)	24.0 (7.3)	1.0 (0.3)	8.2 (2.5)	8	45	
16	1,153.5-1,181.5 (351.6-360.1)	28.0 (8.5)	28.0 (8.5)	0	8.5 (2.6)	17	46	
17	1,181.5-1,195.9 (360.1-364.5)	14.4 (4.4)	14.4 (4.4)	0	8.6 (2.6)	5	68	
18	1,195.9-1,219.6 (364.5-371.7)	23.7 (7.2)	23.7 (7.2)	0	15.5 (4.7)	8	74	Brittle and broken rock
19	1,219.6-1,240.7 (371.7-378.2)	21.1 (6.4)	13.9 (4.2)	7.2 (2.2)	8.0 (2.4)	7	80	
20	1,240.7-1,261.1 (378.2-384.4)	20.4 (6.2)	15.3 (4.7)	5.1 (1.6)	8.2 (2.5)	11	79	
21	1,261.1-1,287.1 (384.4-392.3)	26.0 (7.9)	26.0 (7.9)	0	6.4 (2.0)	7	31	
22	1,287.1-1,315.0 (392.3-400.8)	27.9 (8.5)	27.9 (8.5)	0	8.4 (2.6)	18	46	
23	1,315.0-1,335.2 (400.8-407.0)	20.2 (6.2)	17.4 (5.3)	2.8 (0.9)	7.0 (2.1)	8	58	Very shattered rock
24	1,335.2-1,354.6 (407.0-412.9)	19.4 (5.9)	18.4 (5.6)	1.0 (0.3)	6.0 (1.8)	4	41	Lower 4 ft (1.2 m) broken and fractured
25	1,354.6-1,370.3 (412.9-417.7)	15.7 (4.8)	7.0 (2.1)	8.7 (2.7)	5.8 (1.8)	2	96	
26	1,370.3-1,399.4 (417.7-426.5)	29.1 (8.9)	29.1 (8.9)	0	9.5 (2.9)	16	46	
27	1,399.4-1,429.4 (426.5-435.7)	30.0 (9.1)	30.0 (9.1)	0	2.4 (0.7)	4	11	
28	1,429.4-1,459.0 (435.7-444.7)	29.6 (9.0)	29.6 (9.0)	0	1.0 (0.3)	6	8	Very competent rock
29	1,459.0-1,488.9 (444.7-453.8)	29.9 (9.1)	28.8 (8.8)	1.1 (0.3)	1.0 (0.3)	0	7	
30	1,488.9-1,517.2 (453.8-462.4)	28.3 (8.6)	28.3 (8.6)	0	2.1 (0.6)	2	9	
31	1,517.2-1,578.4 (462.4-481.1)	61.2 (18.7)	60.2 (18.3)	1.0 (0.3)	3.8 (1.2)	2	9	Competent rock
32	1,578.4-1,638.3 (481.1-499.4)	59.9 (18.3)	59.9 (18.3)	0	.5 (0.2)	2	2	Very competent rock
33	1,638.3-1,698.6 (499.4-517.7)	60.3 (18.4)	44.5 (13.6)	15.8 (4.8)	5.3 (1.6)	2	36	Nahcolite badly washed
34	1,698.6-1,758.0 (517.7-535.8)	59.4 (18.1)	59.2 (18.0)	.2 (0.1)	2.5 (0.8)	2	5	Competent
35	1,758.0-1,818.3 (535.8-554.2)	60.3 (18.4)	58.5 (17.8)	1.8 (0.5)	.6 (0.2)	4	5	Competent
36	1,818.3-1,877.2 (554.2-572.2)	58.9 (18.0)	58.9 (18.0)	0	.8 (0.2)	1	2	
37	1,877.2-1,934.5 (572.2-589.6)	57.3 (17.5)	53.2 (16.2)	4.1 (1.2)	.7 (0.2)	2	9	
38	1,934.5-1,988.3 (589.6-606.0)	53.8 (16.4)	53.8 (16.4)	0	1.0 (0.3)	2	3	
39	1,988.3-2,048.3 (606.0-624.3)	60.0 (18.3)	60.0 (18.3)	0	1.5 (0.5)	2	3	
40	2,048.3-2,108.0 (624.3-642.5)	59.7 (18.2)	59.7 (18.2)	0	6.7 (2.0)	2	12	Fault at 2,048.3 ft (624.3 m)
41	2,108.0-2,168.8 (642.5-661.1)	60.8 (18.5)	59.9 (18.3)	.9 (0.3)	1.0 (0.3)	2	4	
42	2,168.8-2,229.3 (661.1-679.5)	60.5 (18.4)	60.3 (18.4)	.2 (0.1)	0	0	0	Very competent
43	2,229.3-2,289.0 (679.5-697.7)	59.7 (18.2)	59.7 (18.2)	0	2.1 (0.6)	1	4	Very competent
44	2,289.0-2,339.8 (697.7-713.2)	50.8 (15.5)	46.8 (14.3)	4.0 (1.2)	4.0 (1.2)	0	16	
45	2,339.8-2,386.7 (713.2-727.5)	46.9 (14.3)	14.5 (4.4)	32.4 (9.9)	2.0 (0.6)	0	73	Discing rock
46	2,386.7-2,406.9 (727.5-733.6)	20.2 (6.2)	19.0 (5.8)	1.2 (0.4)	3.0 (0.9)	0	21	Brittle rock
47	2,406.9-2,436.2 (733.6-742.6)	29.3 (8.9)	19.6 (6.0)	9.7 (3.0)	8.0 (2.4)	1	61	
48	2,436.2-2,460.0 (742.6-749.8)	23.8 (7.3)	23.8 (7.3)	0	3.0 (0.9)	0	13	Brittle rock
49	2,460.0-2,487.5 (749.8-758.2)	27.5 (8.4)	24.5 (7.5)	3.0 (0.9)	16.5 (5.0)	1	72	Shattered rock
50	2,487.5-2,517.6 (758.2-767.4)	30.1 (9.2)	30.1 (9.2)	0	7.6 (2.3)	3	78	Shattered and brittle rock
51	2,517.6-2,547.6 TD (767.4-776.5)	30.0 (9.1)	22.0 (6.7)	8.0 (2.4)	6.7 (2.0)	1	50	Discs easily

[1] Broken core is any length of core <0.3 ft long.

[2] $CI = \frac{(\text{feet broken})+(\text{feet core loss})+(1/4\ \text{joints})}{\text{Drilled interval}} \times 100$