

Appendix 3: Depth, strike, and dip of fractures imaged in boreholes, Leetown Science Center, Leetown West Virginia.

Appendix 3 Table 1. Depth, strike, and dip of fractures imaged in borehole Jef-0589 (anticline well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in “right hand rule” where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
1	41.5	329	21
2	44.1	266	35
3	45.4	217	28
4	51.6	20	66
5	57.3	307	51
6	63.4	205	43
7	66.6	224	42
8	67.8	221	37
9	75.9	219	48
10	76.8	230	43
11	77.2	219	43
12	78.1	228	39
13	82.1	183	38
14	85.5	31	45
15	89.8	217	67
16	90.4	217	64
17	93.5	228	42
18	94.6	224	39
19	95.0	243	28
20	96.2	258	48
21	96.7	216	47
22	97.0	223	50
23	98.8	218	48
24	101.2	212	37
25	103.0	228	38
26	105.3	229	40
27	105.9	210	46
28	107.7	229	42
29	108.3	220	48
30	109.0	219	44
31	109.5	224	39
32	110.0	222	46
33	110.9	229	46
34	112.1	244	47
35	113.2	223	52
36	113.7	229	52
37	115.6	221	57

Appendix 3 Table 1. Depth, strike, and dip of fractures imaged in borehole Jef-0589 (anticline well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in “right hand rule” where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
38	117.5	224	55
39	118.2	225	49
40	120.5	218	54
41	121.2	225	55
42	123.7	221	57
43	135.8	224	44
44	137.7	236	50
45	142.0	220	54
46	143.1	221	55
47	152.5	201	47
48	153.2	214	44
49	153.4	201	40
50	153.7	223	32
51	154.1	193	42
52	154.6	217	40
53	155.7	191	39
54	164.6	188	43
55	170.1	201	50
56	170.8	207	49
57	172.4	176	57
58	177.3	223	41
59	177.6	222	40
60	182.4	208	46
61	189.1	194	50
62	189.7	193	50
63	190.9	187	56
64	194.1	12	59
65	194.9	178	44
66	196.0	189	55
67	196.9	167	55
68	199.9	216	37
69	200.8	222	46
70	201.8	203	51
71	202.6	209	50
72	203.5	191	50
73	204.8	202	54
74	205.7	206	53

3 Hydrogeology and Water Quality of the Leetown Area, West Virginia

Appendix 3 Table 1. Depth, strike, and dip of fractures imaged in borehole Jef-0589 (anticline well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in "right hand rule" where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
75	206.0	196	51
76	206.4	182	49
77	206.9	189	53
78	207.8	191	50
79	209.2	193	50
80	209.9	201	46
81	210.5	194	50
82	211.8	188	56
83	213.5	198	58
84	214.7	206	58
85	214.8	3	70
86	215.7	206	57
87	217.1	204	57
88	218.5	205	56
89	218.8	200	55
90	219.7	204	50
91	220.2	209	54
92	233.2	212	54
93	233.3	16	73
94	235.2	225	57
95	236.2	208	50
96	239.7	220	55
97	245.4	222	50
98	246.7	230	40
99	247.1	222	48
100	248.7	222	53
101	249.0	219	52

Appendix 3 Table 2. Depth, strike, and dip of fractures imaged in borehole Jef-0590 (ball field well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in "right hand rule" where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
1	49.1	19	62
2	50.4	6	51
3	51.5	349	56
4	58.3	26	54
5	58.9	1	46
6	60.4	22	63
7	61.5	10	54
8	69.4	152	31
9	69.7	335	21
10	71.0	28	61
11	71.8	341	54
12	73.8	32	68
13	76.3	91	44
14	78.9	358	58
15	81.4	124	69

Appendix 3 Table 3. Depth, strike, and dip of fractures imaged in borehole Jef-0752 (new Dodson farm well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in "right hand rule" where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
1	61.5	3	74
2	67.8	45	48
3	80.2	25	68
4	84.7	186	2
5	107.1	160	2
6	113.9	157	2
7	144.0	142	2
8	145.7	146	2
9	146.4	143	3
10	152.2	146	3

Appendix 3 Table 4. Depth, strike, and dip of fractures imaged in borehole Jef-0753 (new Kaiser farm well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in "right hand rule" where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
1	42.7	90	71
2	47.3	32	70
3	48.3	37	74
4	49.3	37	71
5	51.2	28	59
6	54.0	18	69
7	57.1	31	69
8	57.9	25	70
9	61.1	25	67
10	64.4	218	81
11	64.9	26	83
12	66.0	185	82
13	69.7	210	77
14	72.6	187	1
15	86.3	190	76
16	88.8	229	1
17	89.9	194	73
18	94.1	29	70
19	98.2	37	67
20	99.1	42	57
21	99.8	3	44
22	101.3	11	56

Appendix 3 Table 5. Depth, strike, and dip of fractures imaged in borehole Jef-0587 (low road well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in "right hand rule" where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
1	45.3	16	44
2	45.6	22	46
3	46.6	31	40
4	47.7	19	49
5	48.6	26	59
6	49.3	27	59
7	49.9	39	55

Appendix 3 Table 5. Depth, strike, and dip of fractures imaged in borehole Jef-0587 (low road well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in "right hand rule" where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
8	51.1	4	45
9	111.5	18	49
10	111.8	205	81
11	114.1	40	67
12	114.8	219	83
13	120.4	36	58
14	122.6	22	51
15	125.2	18	52
16	128.8	10	52
17	138.6	21	58
18	141.4	25	53
19	144.6	358	39
20	150.0	24	51
21	153.1	19	50
22	160.6	12	50
23	171.3	19	46
24	180.3	14	42
25	186.8	22	46
26	191.5	23	74
27	234.7	201	73
28	238.6	9	40
29	239.3	20	46
30	243.9	205	79
31	273.4	11	52
32	277.2	17	48
33	307.1	31	43
34	307.8	24	40
35	319.0	33	52
36	328.3	16	57
37	336.2	34	54
38	366.9	16	59
39	374.0	33	56
40	378.0	26	49
41	382.3	20	53
42	386.2	27	49
43	387.5	29	48

5 Hydrogeology and Water Quality of the Leetown Area, West Virginia

Appendix 3 Table 5. Depth, strike, and dip of fractures imaged in borehole Jef-0587 (low road well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in “right hand rule” where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
44	391.0	29	44
45	394.4	41	47
46	396.4	36	50
47	397.6	167	59
48	398.6	22	56
49	401.2	194	88
50	403.0	12	46

Appendix 3 Table 6. Depth, strike, and dip of fractures imaged in borehole Jef-0602 (old Dodson farm well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in “right hand rule” where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
1	25.8	192	47
2	26.9	222	50
3	28.2	43	47
4	28.3	130	38
5	28.6	244	53
6	32.7	222	29
7	34.3	243	19
8	36.8	203	41
9	40.0	176	42
10	42.9	230	69
11	44.0	207	76
12	45.3	182	71
13	46.4	74	28

Appendix 3 Table 7. Depth, strike, and dip of fractures imaged in borehole Jef-0601 (Stable A well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in “right hand rule” where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
1	45.6	339	39
2	54.3	23	54
3	57.1	24	48

Appendix 3 Table 7. Depth, strike, and dip of fractures imaged in borehole Jef-0601 (Stable A well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in “right hand rule” where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
4	58.7	246	59
5	60.2	346	42
6	64.2	358	45
7	68.4	26	50
8	68.9	28	51
9	69.3	29	50
10	78.4	233	43
11	79.1	172	69
12	93.9	26	39
13	97.2	25	67
14	98.5	13	47
15	99.0	28	46
16	99.5	23	53
17	104.0	213	61
18	104.5	19	46
19	110.4	26	51
20	111.4	235	60
21	111.8	30	59
22	124.5	10	82
23	136.1	124	64
24	138.7	21	43
25	138.8	190	66
26	139.8	177	61
27	139.9	9	44
28	145.0	22	35
29	145.8	46	38
30	146.9	44	23
31	147.3	33	33
32	148.2	31	40
33	149.3	28	37
34	149.8	22	37
35	150.5	38	39
36	151.0	32	42
37	151.3	32	40
38	151.5	30	43
39	152.2	39	47
40	152.6	52	38
41	153.3	29	41

Appendix 3 Table 7. Depth, strike, and dip of fractures imaged in borehole Jef-0601 (Stable A well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in “right hand rule” where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
42	154.0	49	44
43	154.4	22	38
44	154.8	351	33
45	159.1	37	29
46	161.4	35	29
47	161.8	51	27
48	162.0	36	27
49	164.5	22	32
50	164.7	20	38
51	168.2	48	28
52	168.4	31	31
53	168.5	38	29
54	169.3	26	34
55	169.8	2	30
56	170.4	49	33
57	171.0	46	32
58	178.7	41	81
59	186.8	33	53
60	189.7	23	39
61	191.3	20	49
62	198.1	31	39
63	200.7	24	31
64	202.5	20	30
65	203.3	28	32
66	205.0	37	35
67	206.0	16	39
68	206.3	26	52
69	206.7	43	65
70	208.4	20	39
71	209.0	29	49
72	209.3	38	42
73	210.2	23	29
74	210.8	156	71
75	211.9	26	32
76	212.2	27	37
77	213.0	26	28
78	214.3	13	35
79	214.8	30	35

Appendix 3 Table 7. Depth, strike, and dip of fractures imaged in borehole Jef-0601 (Stable A well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in “right hand rule” where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
80	215.3	33	39
81	215.8	29	32
82	217.1	30	35
83	217.5	34	43
84	217.8	29	40
85	218.3	23	42
86	218.8	19	40
87	219.3	26	43
88	219.8	185	69
89	221.4	42	35
90	222.1	21	38
91	222.5	35	27
92	222.8	36	30
93	226.4	9	36
94	228.9	42	34
95	229.8	38	37
96	232.7	12	42
97	247.9	42	42
98	248.2	32	43
99	248.5	245	80
100	249.2	23	36
101	249.9	32	41
102	250.6	13	52
103	255.0	18	40
104	255.9	45	25
105	273.3	37	35
106	281.1	219	30
107	281.2	31	39
108	281.3	206	37
109	287.0	37	46
110	294.0	197	37
111	294.0	39	54
112	297.3	30	31

7 Hydrogeology and Water Quality of the Leetown Area, West Virginia

Appendix 3 Table 8. Depth, strike, and dip of fractures imaged in borehole Jef-0585 (stable B well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in "right hand rule" where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
1	40.1	155	44
2	42.2	204	68
3	42.7	159	54
4	52.7	16	47
5	53.3	25	49
6	54.0	35	43
7	64.6	224	46
8	64.9	6	51
9	69.3	26	41
10	70.0	8	40
11	74.3	10	57
12	83.4	11	70
13	87.5	29	29
14	94.0	36	46
15	95.3	35	37
16	95.5	15	40
17	95.7	35	32
18	96.1	23	28
19	103.6	32	42
20	105.3	13	34
21	105.5	21	32
22	113.1	32	46
23	113.6	161	58
24	114.6	26	44
25	140.3	7	40
26	141.1	273	50
27	142.0	39	39
28	143.8	216	54
29	144.4	12	50
30	146.2	16	29
31	148.1	45	33
32	148.5	17	34
33	148.8	27	29
34	149.4	220	40
35	149.5	36	37
36	151.4	33	29
37	152.8	51	31
38	153.6	33	40

Appendix 3 Table 8. Depth, strike, and dip of fractures imaged in borehole Jef-0585 (stable B well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in "right hand rule" where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
39	155.3	29	39
40	156.7	29	44
41	157.3	19	36
42	157.8	50	37
43	158.3	247	42
44	160.8	20	37
45	161.1	32	37
46	164.1	33	35
47	167.2	30	32
48	168.0	18	41
49	171.0	252	64
50	173.1	44	26
51	174.8	39	34
52	184.1	233	53
53	192.7	37	52
54	194.5	21	38
55	196.5	201	54
56	196.9	29	51
57	198.8	21	42
58	201.0	26	42
59	201.6	44	39
60	204.1	26	32
61	206.8	21	41
62	206.8	244	16
63	209.9	18	30
64	211.9	10	33
65	212.9	39	36
66	214.8	28	34
67	215.4	14	34
68	215.8	35	21
69	216.4	44	21
70	217.6	1	15
71	218.4	30	40
72	218.9	21	53
73	219.4	36	22
74	220.2	29	27
75	222.1	29	34
76	222.5	14	33

Appendix 3 Table 8. Depth, strike, and dip of fractures imaged in borehole Jef-0585 (stable B well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in "right hand rule" where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
77	222.9	20	28
78	223.1	26	27
79	224.5	40	27
80	225.5	16	32
81	225.5	183	19
82	226.6	37	33
83	228.6	15	32
84	229.4	36	25
85	229.9	33	43
86	230.4	52	38
87	230.8	32	35
88	231.6	23	35
89	231.8	37	32
90	232.6	45	26
91	233.4	27	37
92	234.8	21	25
93	235.1	75	30
94	238.3	15	35
95	238.7	184	36
96	241.3	38	33
97	242.3	43	31
98	244.0	26	36
99	244.2	200	22
100	248.3	14	54
101	249.0	206	62
102	261.7	35	32
103	262.2	20	33
104	263.5	200	44
105	263.9	28	51
106	264.4	215	50
107	264.7	19	34
108	265.0	222	55
109	265.5	31	43
110	265.8	30	46
111	269.0	212	59
112	278.7	69	75
113	280.7	242	57
114	285.9	37	43

Appendix 3 Table 8. Depth, strike, and dip of fractures imaged in borehole Jef-0585 (stable B well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in "right hand rule" where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
115	291.9	12	34
116	301.1	33	34
117	304.7	16	34
118	312.1	36	37
119	313.9	208	56
120	324.4	34	24

Appendix 3 Table 9. Depth, strike, and dip of fractures imaged in borehole Jef-0592 (stable C well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in "right hand rule" where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
1	37.7	191	21
2	39.3	18	50
3	48.3	197	31
4	50.6	41	42
5	54.1	312	38
6	58.7	88	50
7	61.7	24	46
8	67.8	321	55
9	79.1	7	66
10	79.5	231	62
11	90.8	31	26
12	91.1	24	43
13	100.5	38	33
14	103.8	43	30
15	104.5	57	39
16	105.1	41	40
17	105.6	38	32
18	110.0	15	72
19	115.7	241	56
20	116.6	27	70
21	117.3	29	69
22	123.4	19	70
23	123.8	32	62
24	124.0	45	53

9 Hydrogeology and Water Quality of the Leetown Area, West Virginia

Appendix 3 Table 9. Depth, strike, and dip of fractures imaged in borehole Jef-0592 (stable C well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in “right hand rule” where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
25	126.2	5	43
26	131.5	293	64
27	133.2	96	89
28	138.5	280	73
29	141.6	31	51
30	144.9	19	44
31	150.7	231	48
32	150.9	356	67
33	154.9	17	81
34	171.0	24	36
35	171.2	13	38
36	171.6	23	30
37	171.9	31	33
38	173.5	27	49
39	174.6	194	67
40	178.6	33	40
41	180.3	18	40
42	181.0	15	49
43	181.3	26	42
44	181.5	49	56
45	186.4	34	45
46	187.2	1	43
47	189.3	16	53
48	192.7	8	51
49	193.3	344	39
50	195.6	36	45
51	195.9	39	45
52	196.4	43	46
53	196.8	37	44
54	200.2	27	58
55	203.2	24	56
56	211.2	35	42
57	212.7	30	38
58	215.5	345	26
59	215.6	243	69
60	217.6	280	31
61	220.8	207	49
62	223.6	25	40

Appendix 3 Table 9. Depth, strike, and dip of fractures imaged in borehole Jef-0592 (stable C well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in “right hand rule” where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
63	227.2	206	55
64	231.6	14	42
65	232.3	27	35
66	232.7	36	46
67	234.0	45	40
68	235.3	220	58
69	239.3	32	47
70	241.6	19	57
71	243.0	51	40
72	243.5	28	59
73	244.5	36	52
74	245.9	44	34
75	246.8	37	48
76	247.1	41	54
77	250.0	247	58
78	252.8	34	27
79	253.8	42	32
80	255.3	43	44
81	256.5	50	38
82	257.1	44	44
83	258.9	34	42
84	262.5	172	79
85	263.8	349	45
86	270.8	26	40
87	271.3	34	42
88	272.3	23	23
89	272.7	9	49
90	272.9	22	49
91	273.5	19	35
92	273.9	37	39
93	277.6	32	44
94	285.1	42	30
95	288.5	232	49
96	303.7	26	49
97	303.7	203	32
98	307.7	160	50

Appendix 3 Table 10. Depth, strike, and dip of fractures imaged in borehole Jef-0603 (USDA sulfur well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in “right hand rule” where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
1	60.4	346	61
2	69.7	33	71
3	72.1	352	60
4	76.3	25	50
5	77.4	28	48
6	78.8	20	42
7	80.6	30	54
8	83.4	8	58
9	90.4	49	58
10	99.0	1	37
11	101.2	19	33
12	105.6	25	51
13	109.8	63	72
14	115.4	40	65
15	120.7	34	65
16	122.8	38	69
17	134.2	42	65
18	135.2	38	64
19	136.3	38	64
20	145.1	12	78
21	145.8	29	72
22	163.1	38	77
23	167.4	354	76
24	169.7	18	56
25	170.4	358	50
26	179.4	15	74
27	183.8	28	43
28	185.4	18	61
29	232.1	40	55
30	235.3	14	59
31	236.5	34	55
32	237.8	21	51
33	240.8	30	63
34	241.7	12	40
35	242.4	22	41
36	242.7	18	57

Appendix 3 Table 10. Depth, strike, and dip of fractures imaged in borehole Jef-0603 (USDA sulfur well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in “right hand rule” where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
37	243.3	17	61
38	259.7	59	55
39	260.3	54	58
40	275.7	12	46
41	276.5	22	54
42	283.7	36	68
43	286.5	321	59
44	289.7	75	49
45	303.0	49	53
46	303.8	52	49
47	315.6	25	73
48	316.9	53	68
49	320.8	332	62
50	322.1	57	65
51	332.9	40	43
52	340.7	36	58
53	367.0	32	67
54	368.1	40	46
55	372.7	19	22
56	388.3	45	39
57	394.3	357	68
58	395.0	10	39
59	395.6	27	50
60	402.0	18	71
61	402.8	5	69
62	404.4	28	63
63	406.9	22	55
64	407.3	5	58
65	407.8	18	56
66	408.6	27	56
67	410.6	18	61
68	411.3	22	56
69	413.6	5	58
70	414.1	27	67
71	418.2	351	56

11 Hydrogeology and Water Quality of the Leetown Area, West Virginia

Appendix 3 Table 10. Depth, strike, and dip of fractures imaged in borehole Jef-0603 (USDA sulfur well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in “right hand rule” where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
72	419.9	18	70
73	422.0	14	73
74	424.4	24	71
75	425.6	14	54
76	427.3	10	67
77	428.1	33	61
78	428.8	22	68
79	431.0	23	73
80	432.7	30	67
81	438.4	22	70
82	439.1	27	69
83	440.2	18	62
84	441.4	32	56
85	441.9	18	56
86	448.3	19	44
87	448.5	36	55
88	449.8	255	43
89	453.5	11	42

Appendix 3 Table 11. Depth, strike, and dip of fractures imaged in borehole Jef-0586 (USDA fault well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in “right hand rule” where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
1	103.5	113	40
2	104.6	85	42
3	105.3	35	61
4	105.7	48	71
5	108.4	205	57
6	110.3	178	38
7	110.5	205	49
8	111.3	51	48
9	111.9	34	71
10	113.9	221	73
11	114.2	41	66
12	118.7	221	70

Appendix 3 Table 11. Depth, strike, and dip of fractures imaged in borehole Jef-0586 (USDA fault well), Leetown Science Center, Leetown, West Virginia

[Strike reported in azimuthal degrees, east of True North in “right hand rule” where the direction of dip is to the right of the strike]

Fracture No.	Depth, in feet	Strike, in degrees	Dip, in degrees
13	118.7	49	50
14	122.7	28	44
15	124.5	45	61
16	125.0	219	58
17	126.8	211	87
18	130.0	34	84
19	142.7	209	56
20	144.7	215	62
21	149.0	209	86
22	149.6	35	81
23	150.2	34	80
24	152.7	34	62
25	152.9	182	50
26	153.0	15	44
27	157.1	226	69
28	157.6	200	53
29	158.1	215	65
30	159.7	36	68
31	161.9	51	83
32	161.9	219	81
33	165.5	227	83
34	166.7	238	38
35	168.4	7	35
36	174.9	37	80
37	175.2	204	62
38	175.8	39	82
39	178.9	25	68
40	180.1	39	69
41	180.9	210	59
42	181.1	43	65
43	183.1	73	76
44	183.9	59	71
45	184.6	53	73
46	186.2	220	70
47	186.7	51	74
48	190.7	173	42
49	192.1	50	60
50	192.6	31	73