

**Table 5.** Grain size analysis of samples from the Kiowa #1 core

Sample #	Percent finer than the following sieve sizes in millimeters																
	0.062	0.088	0.125	0.177	0.25	0.354	0.5	0.707	1	1.414	2	2.8	4	5.6	8	11.314	16
1A	6.3	8.1	11.9	18.8	36.0	70.3	81.6	95.5	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2A	33.6	39.3	47.4	56.7	69.0	78.6	92.3	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3A	11.1	14.4	19.6	26.9	43.9	65.7	85.3	95.5	98.5	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0
4A	2.9	4.0	6.6	10.0	16.8	25.9	43.4	67.2	88.7	98.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0
5A	3.4	4.7	7.1	10.7	18.2	33.0	56.3	79.7	92.6	97.6	99.2	99.6	99.8	100.0	100.0	100.0	100.0
6A	5.1	6.7	9.7	13.9	20.6	31.3	48.4	73.1	89.3	95.9	98.3	99.3	99.8	99.9	100.0	100.0	100.0
7A	24.9	39.8	45.4	56.2	67.7	81.5	97.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8A	3.8	5.8	10.5	18.6	37.5	64.6	87.6	96.9	99.0	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0
9A	6.3	8.4	12.4	17.2	23.4	29.4	36.7	46.3	57.1	69.0	81.5	91.1	98.0	99.7	100.0	100.0	100.0
10A	27.0	41.6	49.5	61.8	73.1	84.2	97.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
11A	24.5	37.2	50.0	65.4	82.6	96.4	98.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12A	6.8	8.9	14.0	21.3	34.6	53.4	72.0	85.1	92.3	96.0	98.0	99.0	99.7	100.0	100.0	100.0	100.0
13A	14.5	21.9	37.1	57.1	76.9	88.4	97.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
14A	26.0	37.1	49.8	63.8	81.1	98.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
18A	18.2	29.9	56.1	81.4	95.9	99.2	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
19A	15.9	26.6	49.0	75.6	92.2	95.9	98.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
20A	36.8	47.7	58.4	70.5	86.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
21A	45.3	59.5	69.3	75.3	83.7	95.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
22A	38.4	65.4	95.4	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
23A	52.4	66.2	73.9	81.4	91.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24A	7.2	9.9	15.7	21.2	39.0	75.7	94.0	98.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
25A	4.8	6.5	10.6	15.5	32.9	74.3	91.8	97.7	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0
26A	31.6	40.6	48.1	58.4	71.5	91.9	96.1	98.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
27A	1.3	4.8	11.3	26.7	55.6	96.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
28A	43.5	58.3	70.5	78.5	83.4	86.8	91.9	95.6	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
29A	4.4	6.3	10.0	16.9	52.2	92.4	98.6	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	100.0	100.0
30A	21.9	52.4	80.3	89.9	95.2	98.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
31A	32.8	38.2	44.4	49.7	57.9	66.7	80.5	91.8	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
32A	2.8	5.7	16.1	45.0	82.7	98.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
33A	4.3	6.4	10.5	16.0	30.9	70.2	93.6	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
34A	2.5	4.6	9.5	20.7	64.7	87.3	96.4	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
35A	17.3	32.5	51.2	69.7	81.0	89.7	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36A	6.2	8.3	12.9	19.9	29.5	37.6	53.1	75.8	89.5	96.4	99.2	99.9	100.0	100.0	100.0	100.0	100.0
37A	1.1	1.7	3.3	5.5	9.1	14.9	26.1	44.8	66.7	84.8	95.8	99.1	99.9	100.0	100.0	100.0	100.0
38A	0.2	0.4	1.0	1.7	2.8	4.0	6.1	9.4	15.2	25.3	41.4	61.4	84.4	96.2	97.7	99.0	100.0
39A	20.2	30.9	39.5	51.9	65.3	84.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
40A	37.6	54.6	73.3	83.4	91.2	95.2	96.7	98.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
41A	27.6	34.7	43.8	52.9	61.0	70.4	82.1	93.1	97.5	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
42A	0.7	1.0	2.2	10.1	39.4	56.7	70.2	94.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
43A	4.5	12.5	32.7	67.8	85.6	94.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
44A	7.6	37.6	76.8	88.7	93.2	97.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
45A	53.0	68.2	75.7	81.2	88.1	94.6	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
46A	46.1	52.7	57.3	61.3	66.6	74.3	85.2	94.9	98.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
47A	5.4	32.6	79.7	91.2	96.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48A	22.1	54.2	87.6	93.8	97.9	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50A	47.0	56.1	61.3	65.6	71.0	77.9	84.3	91.0	95.3	98.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
51A	16.3	31.4	71.3	86.1	92.0	97.3	98.2	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
52A	47.2	59.0	67.8	75.2	80.5	85.8	93.4	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
53A	34.2	43.1	49.0	55.8	64.9	78.9	98.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
54A	22.1	33.8	56.9	76.5	85.9	93.2	95.9	98.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
55A	7.5	10.5	16.8	24.5	33.1	47.9	71.2	90.4	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Data from Core Analyses, Aquifer Testing and Geophysical Logging of Denver Basin Bedrock Aquifers at Kiowa, Elbert County, Colorado