

Engineering Properties

Benton County, Arkansas

[Absence of an entry indicates that the data were not estimated]

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percent passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	<i>In</i>				<i>Pct</i>	<i>Pct</i>					<i>Pct</i>	
BtC:												
Britwater	0-6	Gravelly silt loam	CL, CL-ML, GC	A-4, A-6	0	0	67-76	54-76	46-76	37-69	26-39	9-17
	6-22	Gravelly clay loam, gravelly silty clay loam, gravelly silt loam, silty clay loam	CL, GC, SC	A-2-6, A-6, A-7-6	0	0	68-91	39-91	34-91	27-91	28-45	12-25
	22-60	Gravelly clay loam, gravelly silty clay loam, very gravelly clay loam, very gravelly silty clay, very gravelly silty clay loam	CH, CL, GC	A-2-6, A-6, A-7-6	0	0-3	57-79	27-76	23-76	19-75	36-57	19-36
	60-80	Gravelly clay loam, gravelly silty clay, very gravelly clay, very gravelly clay loam, very gravelly silty clay, very gravelly silty clay loam	CH, CL, GC	A-2-6, A-6, A-7-6	0	0-3	54-77	23-76	20-76	17-76	36-57	19-36
Clarksville	0-4	Very gravelly silt loam	GC, GC- GM, GM	A-1, A-2, A-4, A-6	0-5	0-10	30-50	25-50	25-50	20-45	15-30	3-11
	4-18	Gravelly silt loam, very gravelly silt loam	CL, GC- GM, GM, ML	A-1, A-2, A-4, A-6	0-5	0-10	30-75	25-75	25-70	20-60	15-30	3-11
	18-24	Very gravelly silty clay loam, very gravelly silt loam	GC	A-2, A-4, A-6	0-5	0-10	30-50	25-50	25-50	20-45	25-40	8-18
	24-40	Very gravelly clay, very gravelly silty clay	GC, GM	A-2, A-7	0-5	0-10	30-50	25-50	25-50	25-45	41-70	18-33
	40-72	Very gravelly clay, very gravelly silty clay, extremely gravelly clay	GC, GP-GC	A-2, A-7	0-5	0-15	20-65	15-60	15-60	5-40	45-70	20-38

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		<i>In</i>			<i>Pct</i>	<i>Pct</i>					<i>Pct</i>	
BtC:												
Razort	0-10	Silt loam	CL, CL-ML, ML	A-4	0	0	80-100	75-100	70-95	50-90	15-30	3-10
	10-41	Clay loam, gravelly loam, loam, silt loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	60-100	60-100	55-95	40-85	15-40	6-15
	41-58	Clay loam, gravelly loam, silty clay loam, silt loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	60-100	60-100	55-95	40-85	15-40	6-15
	58-85	Gravelly silt loam, very gravelly loamy sand, very gravelly silt loam, loam	CL-ML, GM, ML, SM	A-1, A-2, A-4	0	0	30-100	25-100	25-95	20-85	15-30	3-10