

# 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>	
<b>CnB:</b>												
Captina	0-5	Silt loam	ML	A-4	0	0	98-100	96-100	86-99	78-91	20-37	2-10
	5-25	Silty clay loam, silt loam	CL	A-6, A-7-6	0	0	98-100	96-100	89-100	83-100	31-49	13-25
	25-50	Gravelly silt loam, very gravelly silty clay loam, very gravelly silt loam, silty clay loam, silt loam	CL, GC	A-2-6, A-7-6	0	0-5	44-100	32-100	29-100	26-99	29-44	13-25
	50-79	Cobbly clay loam, very cobbly clay, gravelly clay, gravelly silty clay, very gravelly clay, very gravelly silty clay	CH, GC	A-2-7, A-7-6	0	0-12	55-82	40-75	35-75	30-75	44-76	25-51
Needleye	0-7	Silt loam	CL, CL-ML	A-4, A-6	0	0-5	95-100	84-100	79-100	73-97	26-39	9-17
	7-25	Gravelly silty clay loam, silty clay loam, silt loam	CL, SC	A-7-6, A-7-6	0	0-8	68-100	55-100	52-100	50-100	35-47	17-25
	25-50	Gravelly silt loam, very gravelly silty clay loam, silty clay loam	CL, GC	A-2-6, A-6	0	0-16	59-100	29-100	27-100	26-97	29-40	13-21
	50-80	Gravelly clay, gravelly silty clay, very gravelly clay	GC, MH	A-2-7, A-7-5	0	4-17	42-75	30-75	23-75	21-75	48-80	28-55

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	<i>In</i>				<i>Pct</i>	<i>Pct</i>					<i>Pct</i>	
CnB: Nixa	0-1	Slightly decomposed plant material	PT	A-8	0-3	0-6	---	---	---	---	---	---
	1-3	Very gravelly silt loam	GC-GM, GM, ML	A-1-b, A-4	0-3	0-6	36-75	24-71	22-71	20-64	18-33	3-8
	3-10	Gravelly silt loam, very gravelly silt loam, very gravelly silt loam	CL, GC- GM, SC	A-1-b, A-2-4, A-6	0-2	0-6	55-80	23-67	21-64	18-57	21-31	6-12
	10-20	Gravelly silt loam, very gravelly silt loam, extremely gravelly silt loam	CL, GC, SC	A-2-4, A-4, A-7-6	0-2	0-6	52-91	21-74	19-74	17-72	23-47	8-26
	20-43	Gravelly silty clay loam, very gravelly silt loam, extremely gravelly silt loam	CL, GC, SC	A-2-6, A-6	0-3	0-11	61-85	29-78	26-76	23-69	29-36	13-19
	43-80	Very cobbly silty clay, gravelly clay, very gravelly clay	CH, GC	A-2-7, A-7-6	0-3	0-25	58-86	29-74	24-74	22-74	48-94	30-67