

Leaching Index

Kingman County, Kansas

Map Symbol	Soil Name	Map Unit Name	Hydrologic Group	OM %	kfact	Leaching Potential
5318	Kanza	Kanza loamy fine sand, frequently flooded	D	2.00	0.17	High
5324	Kaski	Kaski loam, occasionally flooded	B	2.00	0.28	Low
5419	Case	Case-Clark clay loams, 3 to 7 percent slopes	B	1.25	0.32	Intermediate
5419	Clark	Case-Clark clay loams, 3 to 7 percent slopes	B	1.50	0.28	Intermediate
5420	Clark	Case-Clark clay loams, 7 to 15 percent slopes	B	1.50	0.28	Intermediate
5420	Case	Case-Clark clay loams, 7 to 15 percent slopes	B	1.25	0.32	Intermediate
5443	Quinlan	Quinlan loam, 1 to 3 percent slopes	C	0.50	0.37	Low
5444	Quinlan	Quinlan loam, 3 to 6 percent slopes	C	0.50	0.37	Low
5480	Wellsford	Wellsford clay loam, 1 to 3 percent slopes	D	1.25	0.32	Low
5505	Kisiwa	Abbyville-Kisiwa complex, occasionally flooded	D	2.00	0.43	High
5505	Abbyville	Abbyville-Kisiwa complex, occasionally flooded	C	2.40	0.43	High
5560	Ninnescah	Kanza-Ninnescah sandy loams, frequently flooded	B	3.80	0.2	High
5560	Kanza	Kanza-Ninnescah sandy loams, frequently flooded	D	2.00	0.2	High
5561	Plevna	Kanza-Plevna complex, frequently flooded	D	2.50	0.2	High
5561	Kanza	Kanza-Plevna complex, frequently flooded	D	2.00	0.17	High
5570	Kingman	Kingman silty clay loam, occasionally flooded	D	3.00	0.32	High
5633	Plevna	Plevna fine sandy loam, frequently flooded	D	2.50	0.2	High
5670	Waldeck	Waldeck fine sandy loam, occasionally flooded	C	1.50	0.2	Intermediate
5675	Willowbrook	Willowbrook fine sandy loam, occasionally flooded	B	1.67	0.2	Intermediate
5680	Saxman	Yaggy-Saxman complex, occasionally flooded	A	1.27	0.2	High
5680	Yaggy	Yaggy-Saxman complex, occasionally flooded	C	0.81	0.2	High
5690	Zenda	Zenda clay loam, occasionally flooded	C	2.00	0.28	Intermediate
5693	Zenda	Zenda-Drummond complex, occasionally flooded	C	2.00	0.28	Intermediate
5693	Drummond	Zenda-Drummond complex, occasionally flooded	D	0.75	0.43	Intermediate
5710	Abbyville	Abbyville loam, 0 to 1 percent slopes	C	2.40	0.43	Intermediate
5740	Plevna	Dillwyn-Plevna complex, occasionally flooded	D	2.90	0.2	High

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5740	Dillwyn	Dillwyn-Plevna complex, occasionally flooded	A	1.00	0.17	High
5750	Kaskan	Kaskan loam, rarely flooded	B	3.00	0.28	Intermediate
5800	Mahone	Mahone loamy fine sand, rarely flooded	C	0.70	0.17	High
5850	Shellabarger	Albion and Shellabarger sandy loams, 6 to 15 percent slopes	B	1.50	0.2	Intermediate
5850	Albion	Albion and Shellabarger sandy loams, 6 to 15 percent slopes	B	1.25	0.2	Intermediate
5852	Albion	Albion sandy loam, 0 to 1 percent slopes	B	1.25	0.2	Intermediate
5853	Albion	Albion sandy loam, 1 to 3 percent slopes	B	1.25	0.2	Intermediate
5854	Albion	Albion sandy loam, 3 to 6 percent slopes	B	1.50	0.2	Intermediate
5855	Albion	Albion sandy loam, 3 to 6 percent slopes, eroded	B	1.25	0.2	Intermediate
5856	Albion	Albion sandy loam, 6 to 15 percent slopes	B	1.50	0.2	Intermediate
5858	Albion	Albion-Shellabarger sandy loams, 1 to 3 percent slopes	B	1.25	0.2	Intermediate
5858	Shellabarger	Albion-Shellabarger sandy loams, 1 to 3 percent slopes	B	1.50	0.2	Intermediate
5872	Clark	Clark clay loam, 0 to 1 percent slopes	B	1.50	0.28	Intermediate
5873	Clark	Clark clay loam, 1 to 3 percent slopes	B	1.50	0.28	Intermediate
5875	Clark	Clark fine sandy loam, 1 to 3 percent slopes	B	1.50	0.28	Intermediate
5878	Clark	Clark-Ost clay loams, 0 to 1 percent slopes	B	1.50	0.28	Intermediate
5878	Ost	Clark-Ost clay loams, 0 to 1 percent slopes	B	2.00	0.32	Intermediate
5880	Clark	Clark-Ost loams, 3 to 7 percent slopes	B	1.90	0.28	Low
5880	Ost	Clark-Ost loams, 3 to 7 percent slopes	B	2.30	0.28	Low
5882	Plev	Dillhut-Plev complex, 0 to 2 percent slopes	B	0.50	0.17	High
5882	Dillhut	Dillhut-Plev complex, 0 to 2 percent slopes	B	0.50	0.15	High
5888	Farnum	Farnum and Funmar loams, 3 to 6 percent slopes	B	2.00	0.37	Intermediate
5888	Funmar	Farnum and Funmar loams, 3 to 6 percent slopes	C	2.00	0.32	Intermediate
5900	Farnum	Farnum-Natrustolls complex, 0 to 1 percent slopes	B	2.00	0.28	Low

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5900	Natrustolls	Farnum-Natrustolls complex, 0 to 1 percent slopes	D	1.50	0.43	Low
5907	Langdon	Langdon fine sand, 0 to 15 percent slopes	A	0.50	0.15	High
5908	Nalim	Nalim loam, 0 to 1 percent slopes	C	2.00	0.32	Low
5918	Ost	Ost clay loam, 0 to 1 percent slopes	B	2.00	0.32	Low
5919	Ost	Ost clay loam, 1 to 3 percent slopes	B	2.00	0.32	Low
5921	Ost	Ost loam, 0 to 1 percent slopes	B	2.30	0.28	Low
5924	Ost	Ost-Clark loams, 1 to 3 percent slopes	B	2.30	0.28	Low
5924	Clark	Ost-Clark loams, 1 to 3 percent slopes	B	1.90	0.28	Low
5925	Penalosa	Penalosa silt loam, 0 to 1 percent slopes	C	2.15	0.37	Low
5926	Penalosa	Penalosa silt loam, 1 to 3 percent slopes	C	2.15	0.37	Low
5927	Pratt	Pratt fine sand, 5 to 10 percent slopes	A	0.60	0.17	High
5928	Pratt	Pratt loamy fine sand, 1 to 5 percent slopes	A	0.70	0.28	High
5929	Pratt	Pratt loamy fine sand, 5 to 12 percent slopes	A	0.70	0.28	High
5935	Carwile	Pratt-Carwile complex, 0 to 5 percent slopes	D	2.00	0.32	High
5935	Pratt	Pratt-Carwile complex, 0 to 5 percent slopes	A	0.70	0.28	High
5941	Pratt	Pratt-Tivoli loamy fine sands, 5 to 15 percent slopes	A	0.75	0.17	High
5941	Tivoli	Pratt-Tivoli loamy fine sands, 5 to 15 percent slopes	A	0.50	0.17	High
5942	Turon	Pratt-Turon fine sands, 1 to 5 percent slopes	A	0.60	0.2	High
5942	Pratt	Pratt-Turon fine sands, 1 to 5 percent slopes	A	0.60	0.17	High
5944	Saltcreek	Saltcreek and Naron fine sandy loams, 1 to 3 percent slopes	C	1.00	0.28	Low
5944	Naron	Saltcreek and Naron fine sandy loams, 1 to 3 percent slopes	B	1.00	0.37	Low
5945	Funmar	Saltcreek-Funmar-Farnum complex, 1 to 3 percent slopes	C	2.00	0.32	Low
5945	Saltcreek	Saltcreek-Funmar-Farnum complex, 1 to 3 percent slopes	C	1.00	0.28	Low

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5945	Farnum	Saltcreek-Funmar-Farnum complex, 1 to 3 percent slopes	B	2.00	0.37	Low
5947	Nalim	Shellabarger and Nalim soils, 3 to 6 percent slopes	B	1.60	0.28	Intermediate
5947	Shellabarger	Shellabarger and Nalim soils, 3 to 6 percent slopes	B	0.50	0.2	Intermediate
5948	Shellabarger	Shellabarger fine sandy loam, 0 to 1 percent slopes	B	1.50	0.2	Low
5949	Shellabarger	Shellabarger fine sandy loam, 1 to 3 percent slopes	B	1.26	0.2	Intermediate
5950	Shellabarger	Shellabarger fine sandy loam, 3 to 6 percent slopes	B	1.26	0.2	Intermediate
5951	Shellabarger	Shellabarger fine sandy loam, 3 to 6 percent slopes, eroded	B	1.26	0.2	Intermediate
5954	Shellabarger	Shellabarger loamy sand, 0 to 3 percent slopes	B	1.00	0.17	Intermediate
5955	Shellabarger	Shellabarger sandy loam, 0 to 1 percent slopes	B	1.50	0.2	Intermediate
5956	Shellabarger	Shellabarger sandy loam, 1 to 3 percent slopes	B	1.50	0.2	Intermediate
5957	Shellabarger	Shellabarger sandy loam, 3 to 6 percent slopes	B	1.50	0.2	Intermediate
5958	Shellabarger	Shellabarger sandy loam, 3 to 6 percent slopes, eroded	B	1.50	0.2	Intermediate
5959	Shellabarger	Shellabarger, eroded, and Albion soils, 6 to 15 percent slopes	B	0.75	0.2	Intermediate
5959	Albion	Shellabarger, eroded, and Albion soils, 6 to 15 percent slopes	B	1.25	0.2	Intermediate
5960	Nalim	Shellabarger-Nalim complex, 1 to 3 percent slopes	C	1.00	0.32	Intermediate
5960	Shellabarger	Shellabarger-Nalim complex, 1 to 3 percent slopes	B	1.00	0.24	Intermediate
5967	Tabler	Tabler silty clay loam, 0 to 1 percent slopes	D	2.00	0.37	Low
5972	Tivoli	Tivoli fine sand, 10 to 30 percent slopes	A	0.50	0.15	High
5981	Shellabarger	Nalim and Shellabarger fine sandy loams, 0 to 1 percent slopes	B	1.00	0.24	Low

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5981	Nalim	Nalim and Shellabarger fine sandy loams, 0 to 1 percent slopes	C	2.00	0.28	Low
5982	Nalim	Nalim loam, 1 to 3 percent slopes	C	2.00	0.32	Low
5983	Nalim	Nalim loam, 3 to 6 percent slopes	C	2.00	0.32	Low
5984	Nalim	Nalim clay loam, 3 to 6 percent slopes, eroded	C	1.50	0.28	Intermediate
6057	Lincoln	Lincoln loamy sand, occasionally flooded	A	0.50	0.17	High
6224	Canadian	Canadian fine sandy loam, rarely flooded	B	2.00	0.2	Intermediate
6248	McLain	McLain silt loam, rarely flooded	C	2.00	0.43	Low
6322	Blanket	Blanket silt loam, 0 to 1 percent slopes	C	2.00	0.37	Low
6323	Blanket	Blanket silt loam, 1 to 3 percent slopes	C	2.00	0.37	Low
6324	Blanket	Blanket silty clay loam, 1 to 3 percent slopes, eroded	C	2.00	0.37	Low
6330	Carwile	Carwile fine sandy loam, 0 to 1 percent slopes	D	2.00	0.24	High
6348	Piedmont	Jamash-Piedmont clay loams, 1 to 3 percent slopes	D	2.10	0.37	Low
6348	Jamash	Jamash-Piedmont clay loams, 1 to 3 percent slopes	D	2.56	0.37	Low
6360	Renfrow	Kirkland-Renfrow clay loams, 1 to 3 percent slopes	D	2.00	0.43	Low
6360	Kirkland	Kirkland-Renfrow clay loams, 1 to 3 percent slopes	D	2.00	0.43	Low
6391	Nashville	Nashville silt loam, 1 to 3 percent slopes	B	3.00	0.32	Low
6393	Nashville	Nashville silt loam, 3 to 6 percent slopes, eroded	B	3.00	0.32	Low
6394	Nashville	Nashville-Quinlan complex, 6 to 15 percent slopes	B	3.00	0.32	Low
6394	Quinlan	Nashville-Quinlan complex, 6 to 15 percent slopes	C	0.50	0.37	Low
6408	Pond Creek	Pond Creek silt loam, 0 to 1 percent slopes	B	1.76	0.37	Low
6409	Pond Creek	Pond Creek silt loam, 1 to 3 percent slopes	B	1.76	0.37	Intermediate
6418	Renfrow	Renfrow clay loam, 1 to 3 percent slopes	D	2.00	0.43	Low
6419	Renfrow	Renfrow silty clay loam, 1 to 3 percent slopes	D	2.00	0.43	Low

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6421	Grainola	Renfrow-Grainola complex, 1 to 3 percent slopes	D	0.75	0.43	Low
6421	Renfrow	Renfrow-Grainola complex, 1 to 3 percent slopes	D	2.00	0.43	Low
6422	Vernon	Renfrow-Vernon clay loams, 1 to 3 percent slopes	D	1.25	0.37	Low
6422	Renfrow	Renfrow-Vernon clay loams, 1 to 3 percent slopes	D	2.00	0.43	Low
6423	Renfrow	Renfrow-Wellsford clay loams, 1 to 4 percent slopes	D	2.00	0.43	Low
6423	Wellsford	Renfrow-Wellsford clay loams, 1 to 4 percent slopes	D	1.25	0.32	Low
6430	Ruella	Ruella clay loam, 1 to 4 percent slopes	B	1.50	0.32	Intermediate
6438	Ruella	Ruella-Rock outcrop complex, 3 to 40 percent slopes	B	1.50	0.32	Intermediate
6490	Poxmash	Zellmont and Poxmash sandy loams, 0 to 3 percent slopes	B	0.91	0.24	Intermediate
6490	Zellmont	Zellmont and Poxmash sandy loams, 0 to 3 percent slopes	B	1.10	0.2	Intermediate
6491	Zellmont	Zellmont sandy loam, 1 to 3 percent slopes	B	1.10	0.2	Intermediate

This report produces Leaching Index Values (1, 2 and 3) suitable for use as described in Part 539.58 - National Ranking Factor N2, Subfactor B in the CRP Manual.

The values 1, 2 and 3 are derived by using the same algorithm included in the SSSD RV Generator to produce values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report correctly reports 1 as low, 2 as medium, and 3 as high. These values are ready for use in determining sign-up scores for National ranking subfactor N2 without further code conversion.