

First Named Component Leaching Index Values for CRP
 Gerstle River Area, Alaska: Detailed Soil Map Legend (initial)

(see footnotes at end of table)

Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
201	TANACROSS	AQUIC EUTROCRYEPTS - TANACROSS COMPLEX		1
204	BEALES	BEALES-LUPINE COMPLEX, STEEP		3
207	DONNELLY	DONNELLY SILT LOAM		3
208	GERSTLE	GERSTLE SILT LOAM		3
210	LISCUM	HISTOSOLS - LISCUM COMPLEX		1
211	IKSGIZA	IKSGIZA PEAT, UNDULATING		1
212	JARVIS	JARVIS SILT LOAM, SHALLOW		2
213	JARVIS	JARVIS SILT LOAM, MODERATELY DEEP		2
214	JARVIS	JARVIS - CHENA COMPLEX		2
215	KOYUKUK	KOYUKUK SILT LOAM, ROLLING		2
216	LISCUM	LISCUM AND MOSQUITO PEATS		1
217	LUPINE	LUPINE SILT LOAM		2
218	LUPINE	LUPINE AND MOOSEHEAD SILT LOAMS		2
219	MOOSEHEAD	MOOSEHEAD SILT LOAM		3
220	MOSQUITO	MOSQUITO PEAT		1
222	SALCHAKET	SALCHAKET SILT LOAM		2
223	TANACROSS	TANACROSS PEAT		1
224	TANACROSS	TANACROSS PEAT, TERRACES		1
225	TETLIN	TETLIN SILT LOAM, 3 TO 15 PERCENT SLOPES		1
226	TETLIN	TETLIN SILT LOAM, 15 TO 50 PERCENT SLOPES		1
232	VOLKMAR	VOLKMAR SILT LOAM		3

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 index information presented in the report is based on data from the first named component of the soil map unit.

The values 1, 2 and 3 are derived by using the same algorithms included in the SOIL PESTICIDE INTERACTION SCREENING PROCEDURE II, Goss and Wauchope, November, 1990. These algorithms produce the leaching values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report, as required by CRP rules 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.

Weighted Average Leaching Index Values for CRP
 Gerstle River Area, Alaska: Detailed Soil Map Legend (initial)

(see footnotes at end of table)

Map Symbol	Map Unit Name	Drained Index	Undrained Index
201	AQUIC EUTROCRYEPTS - TANACROSS COMPLEX		1
204	BEALES-LUPINE COMPLEX, STEEP		3
207	DONNELLY SILT LOAM		3
208	GERSTLE SILT LOAM		3
210	HISTOSOLS - LISCUM COMPLEX		1
211	IKSGIZA PEAT, UNDULATING		1
212	JARVIS SILT LOAM, SHALLOW		2
213	JARVIS SILT LOAM, MODERATELY DEEP		2
214	JARVIS - CHENA COMPLEX		2
215	KOYUKUK SILT LOAM, ROLLING		2
216	LISCUM AND MOSQUITO PEATS		1
217	LUPINE SILT LOAM		2
218	LUPINE AND MOOSEHEAD SILT LOAMS		2
219	MOOSEHEAD SILT LOAM		3
220	MOSQUITO PEAT		1
222	SALCHAKET SILT LOAM		2
223	TANACROSS PEAT		1
224	TANACROSS PEAT, TERRACES		1
225	TETLIN SILT LOAM, 3 TO 15 PERCENT SLOPES		1
226	TETLIN SILT LOAM, 15 TO 50 PERCENT SLOPES		1
232	VOLKMAR SILT LOAM		3

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 index information presented in the report is a weighted average of the component indexes by the map unit component percent composition.

The values 1, 2 and 3 are derived by using the same algorithms included in the SOIL PESTICIDE INTERACTION SCREENING PROCEDURE II, Goss and Wauchope, November, 1990. These algorithms produce the leaching values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report, as required by CRP rules 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.