

Major Land Resource Area 092X

Superior Lake Plain

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Ecological site keys

MLRA 92 Key to Provisional Ecological Sites

I. Unique landforms

A. Site is a sandy beach ridge along the Lake Superior shore ... R092XY001WI – Sandy Shore Complex

II. Lowlands (floodplains, depressions and flats, and organic soils)

A. Organic soil and has a Histic epipedon or is a Histosol (≥ 20 cm of organic soil materials)

i. Soil is Muck (mostly decomposed organic material) ... R092XY002WI – Mucky Swamps

ii. Surface soil is Peat ... R092XY003WI – Peaty Shore Fens

B. Mineral soil (Histic epipedon or Histosol absent)

i. Site is in a floodplain

a). Site is well, mod-well, or somewhat poorly drained ... R092XY004WI – Seasonally Dry Floodplains

b). Site is poorly or very poorly drained ... R092XY005WI – Wet Floodplains

ii. Site is not in a floodplain and is poorly or very poorly drained

a). Soil is sandy textured ... R092XY006WI – Wet Sandy Lowlands

b). Soil is loamy or fine textured ... R092XY007WI – Wet Loamy or Clayey Lowlands

III. Uplands (footslopes, backslopes, shoulders and summits)

A. Site has a bedrock contact within 200cm

i. Soil is dominated by sandy textures ... R092XY008WI – Sandy Sandstone Uplands

ii. Soil is dominated by loamy textures ... R092XY009WI – Loamy Sandstone Uplands

B. Site is somewhat poorly drained (no bedrock contact within 200 cm)

i. Soil is sandy textured ... R092XY010WI – Moist Sandy Lowlands

ii. Soil is loamy textured ... R092XY011WI – Moist Loamy Lowlands

iii. Soil is fine textured ... R092XY012WI – Moist Clayey Lowlands

C. Site is moderately well, well, somewhat excessively, or excessively drained (no bedrock contact within 200cm)

i. Soil is sandy textured ... R092XY013WI – Sandy Uplands

ii. Soil is loamy textured ... R092XY014WI – Loamy Uplands

iii. Soil is fine textured ... R092XY015WI – Clayey Uplands