

Major Land Resource Area 238X Yukon-Kuskokwim Coastal Plain

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Ecological site keys

MLRA Decision Key - Yukon-Kuskokwim Coastal Plain MLRA and adjacent MLRA

I. Elevation above 2000 feet, elevation is above MLRA concept. See provisional ecological site keys for Ahklun Mountains (237X) or Nulato Hills-Southern Seward Peninsula Highlands (240X).

II. Elevation below 2000 feet.

A. Arctic climate that does not support forested plant communities. ... Key 2 – Yukon-Kuskokwim Coastal Plain MLRA - Provisional Ecological Site Key

B. Boreal climate that does support forested plant communities. See provisional ecological site keys for Interior Alaska Lowlands MLRA (229X).

Yukon-Kuskokwim Coastal Plain MLRA - Provisional Ecological Site Key

I. Occurs on shore complex and low coastal plain that are tidally influenced. Parent material includes marine deposits. ... R238XY101AK – Arctic Silty Shore Complex

II. Not as above, inland ecological sites.

A. Depressions. Soils commonly have 15 or more inches of peat and classify as Histosols that lack permafrost. ... R238XY407AK – Arctic Sedge Peat Depressions

B. Not as above. Vegetation on flood plains, stream terraces, and slopes of hills, plains, and mountains.

1 Riparian wetlands, including flood plains, swales, and drainageways.

i. Flood plains. Soils flood frequently to rarely. Soils are typically not underlain by permafrost. ... R238XY405AK – Arctic Scrub Loamy Flood Plain

ii. Swales and drainageways. Soils are wet and commonly underlain by permafrost. ... R238XY408AK – Arctic Scrub Loamy Frozen Swales and

Drainageways

2 Stream terraces and slopes of of plains, hills, and mountains.

- i. Wetlands. Soils are underlain by permafrost. ... R238XY404AK – Arctic Loamy Frozen Tussock Tundra
- ii. Uplands. Soils are typically not underlain by permafrost. ... R238XY402AK – Arctic Scrub Hills and Mountains Complex