

Klotassin River Ice-wedge polygons, Wellesley Depression

Location: 62.581538°N 139.51684°W

DETAILS:

A broad, poorly-drained lowland occupies the valley at the mouth of the Klotassin River near its confluence with the Donjek River. Ice-wedge polygons, at various stages of degradation, have developed in silty fluvial fan sediments where they are overlain by thick accumulations of peat (Lipovsky and Bond, 2012).



Figure 1. View to the west of high-centered ice-wedge polygons (foreground) that transition into degraded polygons, bogs and thermokarst ponds in the middle of the photograph. Overlying accumulations of peat likely mask underlying ice wedges throughout most of the foreground.

REFERENCES AND FURTHER READING

Lipovsky, P.S. and Bond, J.D., 2012. Surficial Geology of Tom Creek (115J/12). Yukon Geological Survey, Energy, Mines and Resources, Government of Yukon, Open File 2012-4, scale 1:50,000.