

Nisling Range Pingo

LOCATION: 62.277121°N -138.61796°W

DETAILS:

A small ring-shaped ridge marks a collapsed open system. Pingos collapse and form a central depression when their icy cores become exposed to thaw. Before its collapse, this open-system pingo formed near the toe of a gentle slope within a silty apron of colluvium (Lipovsky and Bond, 2013). These deposits are characteristically poorly-drained and commonly occupy valley bottoms in the unglaciated Klondike Plateau.



Figure 1. *Oblique aerial view of a collapsed open-system pingo developed within a fine-textured colluvial apron occupying the valley bottom. The colluvial apron is distinguished by its bright green “boggy” vegetation which contrasts with the treed hillsides that are underlain by coarser-textured colluvial blankets.*

REFERENCES AND FURTHER READING

*Lipovsky, P.S. and Bond, J.D., 2013. Surficial Geology of Mount Pattison (115J/07). Government of Yukon, Open File 2013-11, scale 1:50,000.