



AMBLER MINING DISTRICT ACCESS PROJECT

Ambler Access Project Public Notice: Geophysical Investigations and Probing

Schedule window: Summer & Winter

What We're Doing:

Geophysical surveys and probing are planned to be conducted along the proposed road alignment. Data collected by these methods will further inform the Project design.

Surface geophysical surveys will characterize subsurface conditions and attempt to differentiate ice-rich and ice-poor soils. The surveys are nondestructive and noninvasive, do not require ground-disturbing activities, and will be conducted using hand-carried geophysical data collection instruments.

Probing will be conducted to capture the thickness of the active layer in permafrost soils and the depth to the top of dense glacial sediment. The goal of the probing is to generate cross sections of the entire alignment corridor using a combination of the probing data, geotechnical boreholes, and ground temperature data (installed in select boreholes) that will be collected along the alignment. Expected ground disturbance area for probing is approximately 3 inches, and cuttings will be used to backfill the holes.

WHAT?

Geophysical Investigations and Probing

WHEN?

Summer and Winter

WHERE?

Along the proposed road alignment

WHY?

Characterize subsurface conditions and attempt to differentiate ice-rich and ice-poor soils


WHO?

2 person crew

Points of Contact

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