



ALASKA INDUSTRIAL DEVELOPMENT & EXPORT AUTHORITY

# AMBLER MINING DISTRICT ACCESS PROJECT

## Ambler Access Project

### Public Notice: Geophysical Investigations and Probing

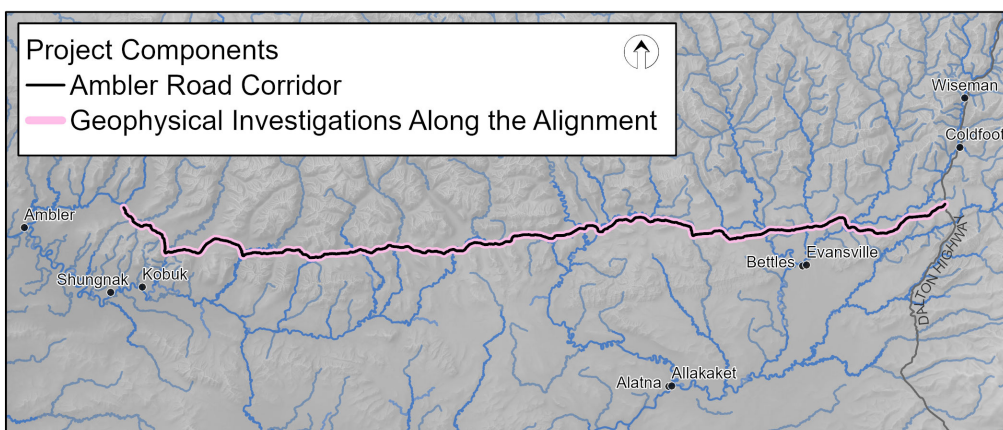
Schedule window: Summer & Winter

#### 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.



#### Points of Contact

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#### 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