

LAS 34041 Supplemental Questions:
Ambler Access Project 2022 Fieldwork Activities

The Department of Natural Resources, Division of Mining, Land, and Water requested clarification on three questions from the Alaska Industrial Development and Export Authority (AIDEA) regarding their application for a Land Use Permit for 2022-23 fieldwork. The three questions with responses from the applicant are listed below.

- 1. Aviation wind and weather stations – with the supports/guy lines, what is the anticipated on-the-ground footprint (how far out will supports be from the main pole)?**
Supports/guy lines are expected to be tied to ground approximately 30 feet from the base of the pole, to create a 900 square foot area. Foundations will consist of 17-foot deep, 3-inch diameter holes with a 2-inch diameter grouted anchor rods. The foundation will consist of three anchors for the tower foundation and one anchor for each guy wire (three total).

- 2. Hydrologic gauging stations – please indicate how many stations are anticipated. If this is unknown, please provide a minimum and/or range.**
One temporary gauge is planned for each potential bridge crossing, so at 15 sites on State of Alaska lands (Table 5 in the permit application).

- 3. Geotechnical Drilling – approximately how many (or a range) boreholes are anticipated at each drill site, and what is the approximate distance between boreholes?**
 - Up to 3 boreholes are planned for each potential bridge site, with up to 200 feet between borehole locations.
 - 4-6 boreholes are planned for each potential material site, with up to 1,500 feet between borehole locations (material site areas on State of Alaska land range from 3 to 70 acres)