Planned and Ongoing Work

Phase 3: Front-End Engineering and Design (FEED) began in late 2024. Key aspects of Phase 3 are commercial activities, preliminary engineering, investigative, and engagement. Below is a list of field activities to be completed in 2025.

Environmental Baseline Studies

- **Geophysical**
  - Opportunistic field sampling (soil, surface water, groundwater) will be completed in Year 1 in cooperation with field teams deployed for other disciplines.
- **Terrestrial**
  - An extensive network of wildlife cameras surrounding the primary proposed reservoir will be deployed and in a buffered area surrounding the road routing. These cameras allow also for non-wildlife analysis.
  - During camera deployment, the wildlife team will be accompanied by a terrestrial ecosystem specialist to complete ecosystem and wildlife habitat assessments at each camera location.
- **Birds**
  - Aerial surveys and point count surveys for breeding birds
  - Count stations distributed throughout areas of proposed disturbance
  - Standwatch surveys along the proposed road routes to document current patterns of bird flight behaviour where vertical structures may be constructed.
- **Fish and Fish Habitat**
  - Opportunistic field sampling will be completed in Year 1 in cooperation with field teams deployed for other disciplines.
  - With permitting requirements for fish sampling and collection, it is anticipated that this sampling would be limited to water sampling.
- **Groundwater Hydrology**
  - Opportunistic field sampling in cooperation with field teams deployed for other disciplines.
  - Continuation of hydrometric monitoring

Archaeological Assessment

The assessment will be carried out on foot, and by ATV, using two boats with outboard. The team will move systematically through the entire shoreline that will be flooded, scanning the surface for archaeological material. Newly recorded sites will be mapped, including individual features. Although the surface of the site will be examined for artifacts, there will be no collections made, and no digging or site alteration will be undertaken.

Geophysical/Geotechnical Data Campaign

Use of ground-penetrating-radar (GPR) or similar methods for non-invasive geophysical data collection. Additionally test pitting for surface materials will be completed for both engineering and environmental purposes.

LiDAR Data Collection

LiDAR Data Collection of the proposed Project area including potential corridors for linear infrastructure will be completed. The primary goals of the LiDAR Data Collection are to capture topographic data and Orthophotos for the Project area. This data will help with engineering and design as well as planning.

Temporary Camp Establishment

This camp will support on-site activities for the 2025 field season. Supply of lodging, communication tools, and supply of necessary supplies for extended occupation of the camp.

Human Environment

- **May 2025**
    - Validate field season data collection program plans with Rightsholders and incorporate Inuit Qaujimajatuqangit.
    - Continue to engage with the Rightsholders and stakeholders on routing the Project access road and other linear infrastructure.
- **June 2025**
    - Share finalized data collection program plans with the public
    - Advertise field work employment opportunities for Iqalungmiut
    - Summer, 2025: monthly updates from the Site on field data collection program progress
- **November 2025**
    - Validate field season data and associated analysis with Rightsholders and incorporate Inuit Qaujimajatuqangit.
    - Continue to engage with the Amaruq Hunters and Trappers association on routing the Project access road and other linear infrastructure
    - Conduct a project naming initiative with Inukshuk high school.
- **General Engagement Activities Throughout 2025**
    - Commencement of the Socio-economic Assessment
    - Commence engagement with the community of Panniqtuuq