Executive Summary Figures
Figure ES-1. Location map
Figure ES-2. Land ownership and use map
Environmental sampling program

Risk assessment scoping meeting

Preliminary conceptual site model\textsuperscript{1}

Additional sampling required?

Inorganic chemicals exceed background levels?

Chemical not included in further analysis

Chemicals exceed screening criteria in soil, water and sediment?\textsuperscript{1, 2}

Compound has potential to bioaccumulate in biota?

Chemical not included in further analysis

Risk exceeds DEC standards?

Additional sampling required to minimize uncertainty?

Evaluate and implement risk management, control, and monitoring options

Resample

Re-evaluate risk with additional sampling information

No further action

Conduct human or ecological risk assessment\textsuperscript{1}

Sampling

Refine conceptual site model, if needed

No further action

Risk exceeds DEC standards?

1 Human and ecological receptors will be evaluated separately

2 Water quality standards and contaminant migration will be evaluated

Figure ES-3. Decision making framework for evaluating risk to human health and ecological receptors
Figure 1-1. Location map
Notes: These plots illustrate the winds received by the measurement stations at the port and mine. Wind directions are shown toward the center point of the diagram. Percentages shown on the circles indicate how frequently wind blows from the illustrated directions. Note that the range of the percentages shown varies between plots.
Figure 1-4. Areas of zinc, lead, and barite mineralization in the western Brooks Range, Alaska