

## Alternative V – Phase II

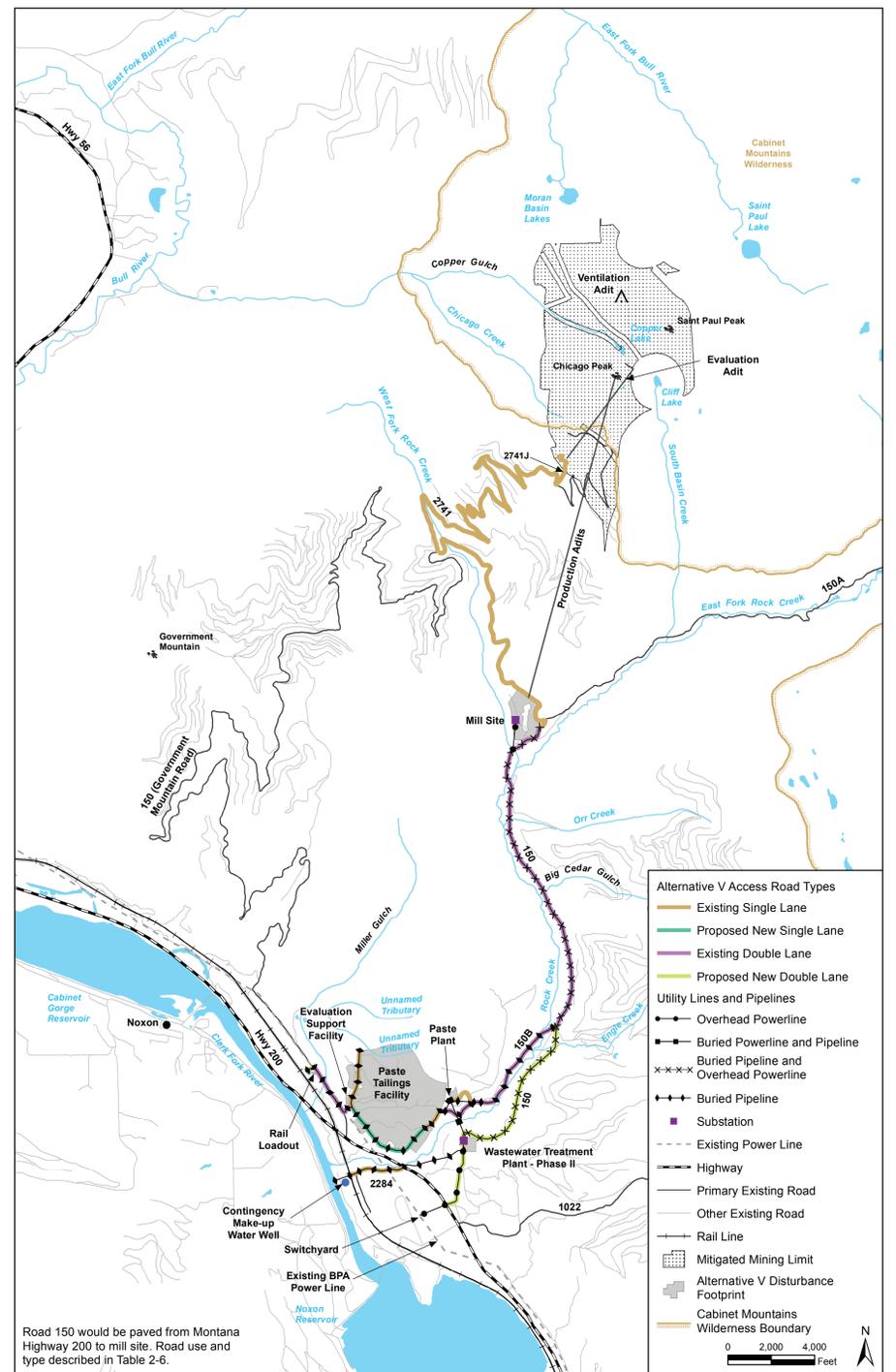
### Key Activities and Features

- Mill construction (site modified to avoid RHCAs)
- Mine development
  - Two parallel adits (north conveyor adit and south service adit) directly northeast of the mill site. Each would be 25 feet wide by 20 feet high and driven uphill concurrently for about 9,000 feet.
  - Room and pillar mine construction
  - 1,000-ft buffers from lakes and ore outcrop zones and 100-ft buffer from faults
- Wastewater treatment plant construction
- Rock Creek Tailings Impoundment Site development (paste deposition), including a strengthened retaining buttress (constructed toe dike or a compacted outer shell).
- Paste Plant construction
- 230-kV electric powerline (5.3 miles) and two new substations
- Tailings slurry pipeline, ore concentrate pipeline, mine discharge pipeline, and return water pipeline
- Access road construction
- Rail loadout construction
- Mine and Mill Operation
- Reclamation

A number of minor modifications to Phase II resulted from more detailed design of facilities and mitigation measures, KNF's approach to addressing deficiencies identified by the District Court, or KNF's evaluation of new and changed conditions since the 2003 ROD. Modifications include:

- modifying the paste tailings facility footprint to avoid impacts on wetlands on NFS lands,
- modifying the layout of the mill site to avoid RHCAs,
- refining requirements for mine design and inspection to minimize the potential for subsidence,
- refining Phase I data collection and review and other requirements for proceeding to Phase II,
- revising the water treatment system design, and
- developing details of mitigation associated with the access road to implement sediment reduction requirements.

At the end of Phase II the project will have a surface disturbance on a total of 445 acres of which 136 acres will be on National Forest System Lands.



Alternative V Facilities, Pipelines and Roads, Phase II