

A scenic landscape photograph showing a large body of water (likely a reservoir or lake) surrounded by dense green forest. In the foreground, a rocky, reddish-brown slope descends towards the water. The sky is clear and blue.

Challenges of building trails on mining lands and resources

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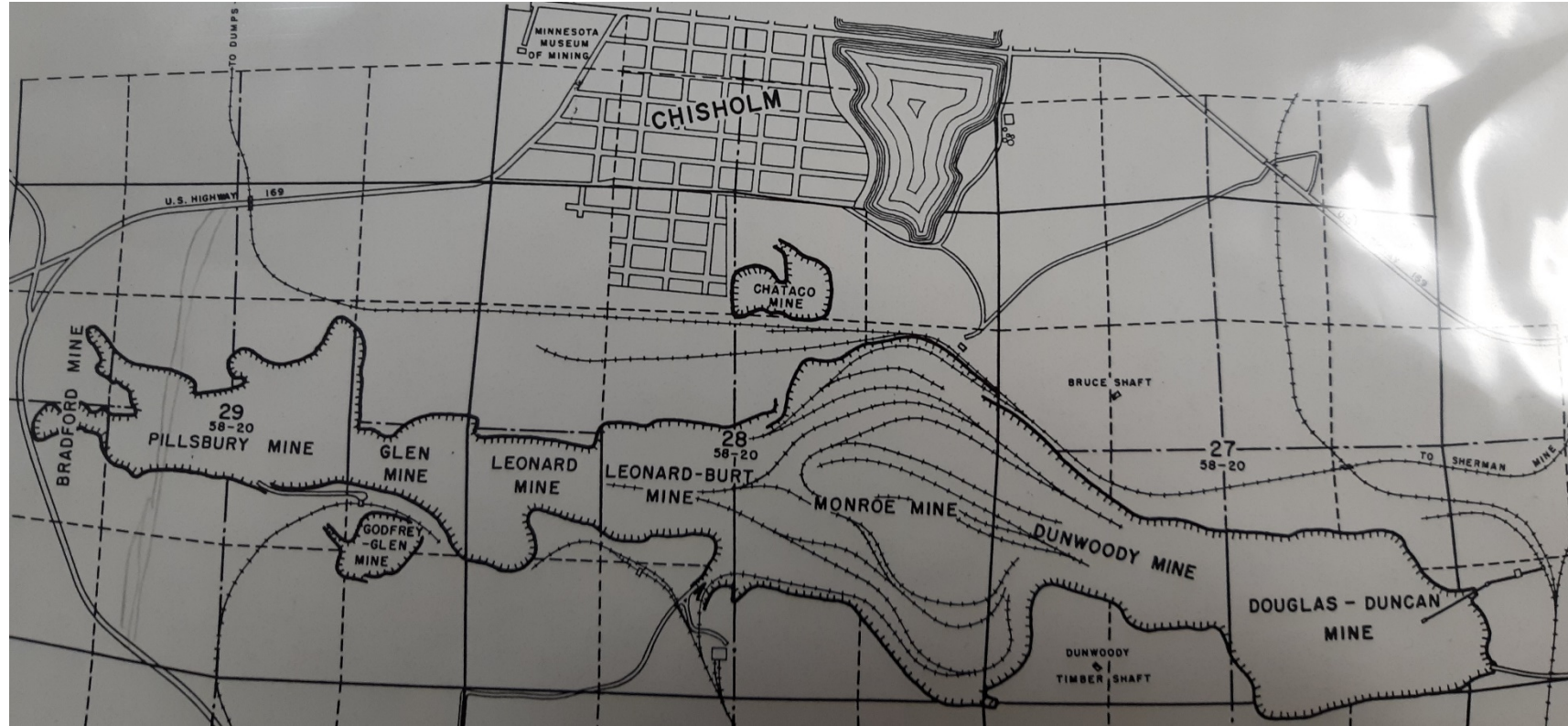
Mines create
spectacular
places,
but they present
unique
challenges



History of the Redhead site

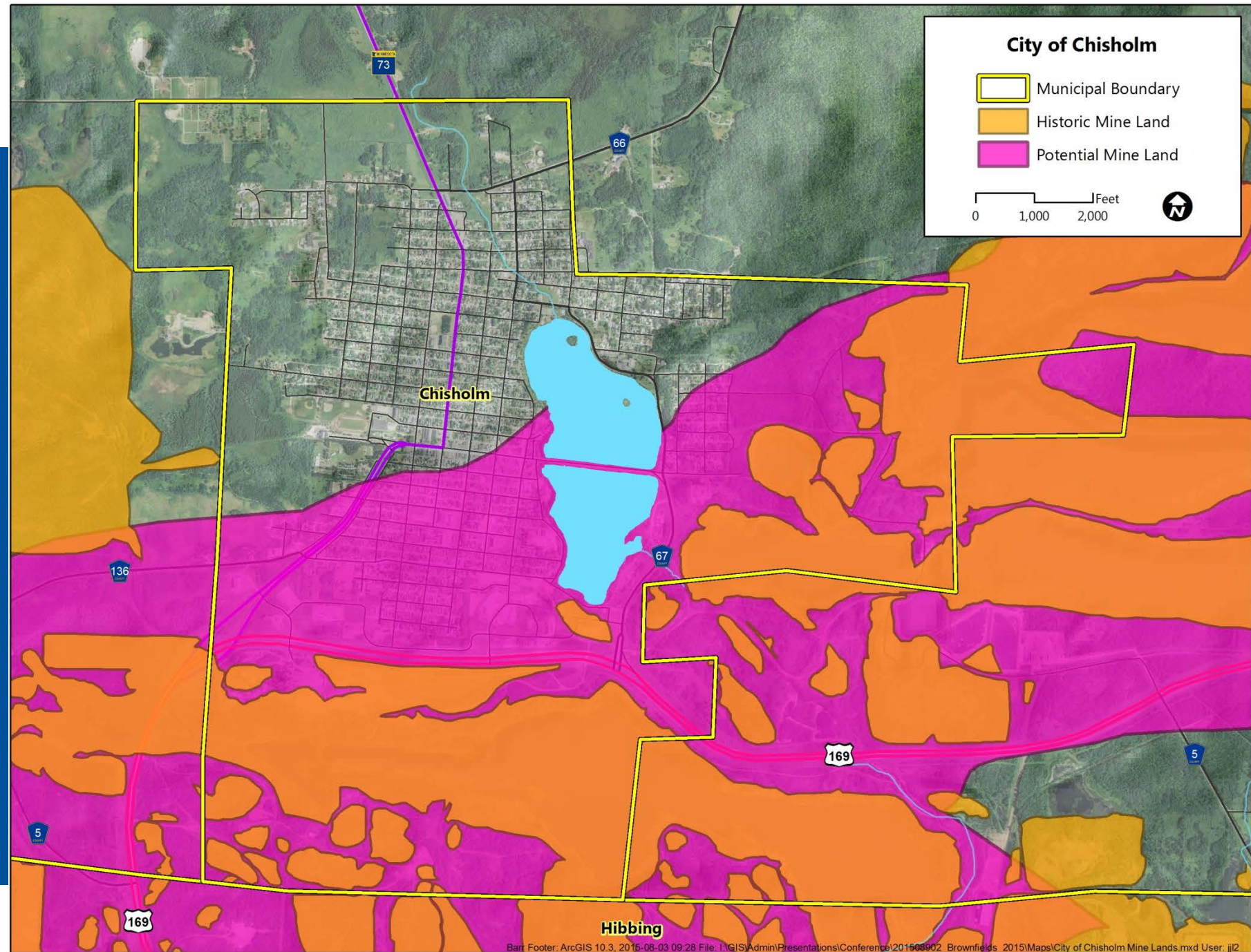


Leonard Pit and Incline, 1906
Photo courtesy of Iron Range Research Center

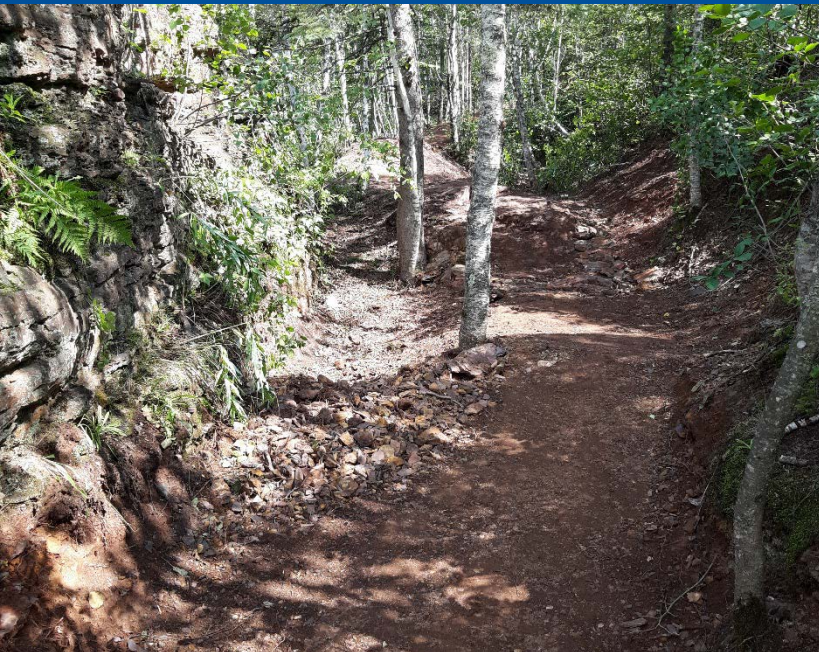


Pit Complex at the Redhead Site, 1960
Map courtesy of Iron Range Research Center

City of Chisholm



No long-term encumbrance



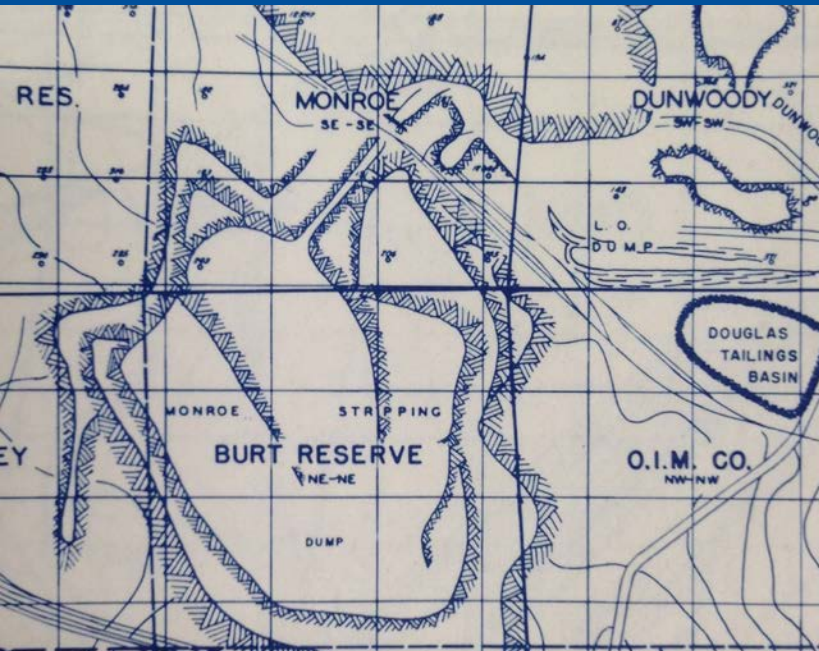
- Naturally-surfaced trails have high public interest and a low impact on the future development of mining.
- Trails may need to be moved if mining returns.
- Sources of funding should be carefully examined.

Risk/liability management



- Risk management plan to avoid negligence.
- Liability protections and insurance for owner, operator, landowner.
- Protections against unauthorized use and trespass.

Complicated ownership



Mine pit fencing



- Fencing, barriers, appropriate signs or a combination of them must be maintained around the outside perimeter of mine excavations, open pits or shafts.
- Exemptions allow for certain government-sanctioned trails, provided that appropriate signs are placed per the statute.

Threatened and Endangered species



- Threatened and Endangered species surveys may be required if a wetland permit is necessary or if they were previously documented within 1-mile of the trail.
- Botrychium species are documented within former iron ore mine lands.

Cultural resources



- Cultural resource assessments or surveys may be required to determine if mining heritage sites exist. If found, they may require some form of documentation or preservation.

Temporary trails
on mine lands
are possible if
you address the
unique
challenges

