

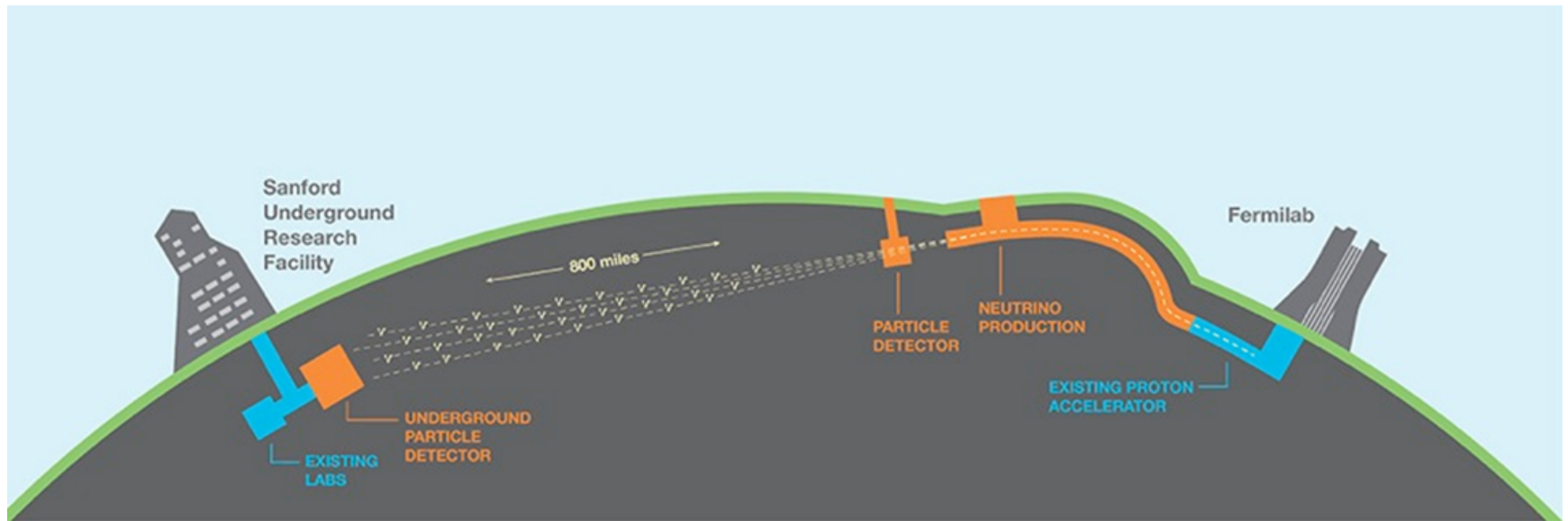
Long-Baseline Neutrino Facility Update

Chris Mossey, Deputy Director for LBNF

28 July 2016



LBNF/DUNE



- A lot going on – focus continues to be on the far site
A lot of work necessary to get ready for the massive underground neutrino detectors!

Far Site – “To Do” List

1. Sanford Lab Reliability Projects

FY16 – 18

- Ross shaft rehab
- Hoist motor rebuilds, more...

2. Pre-Excavation

FY17 - 20

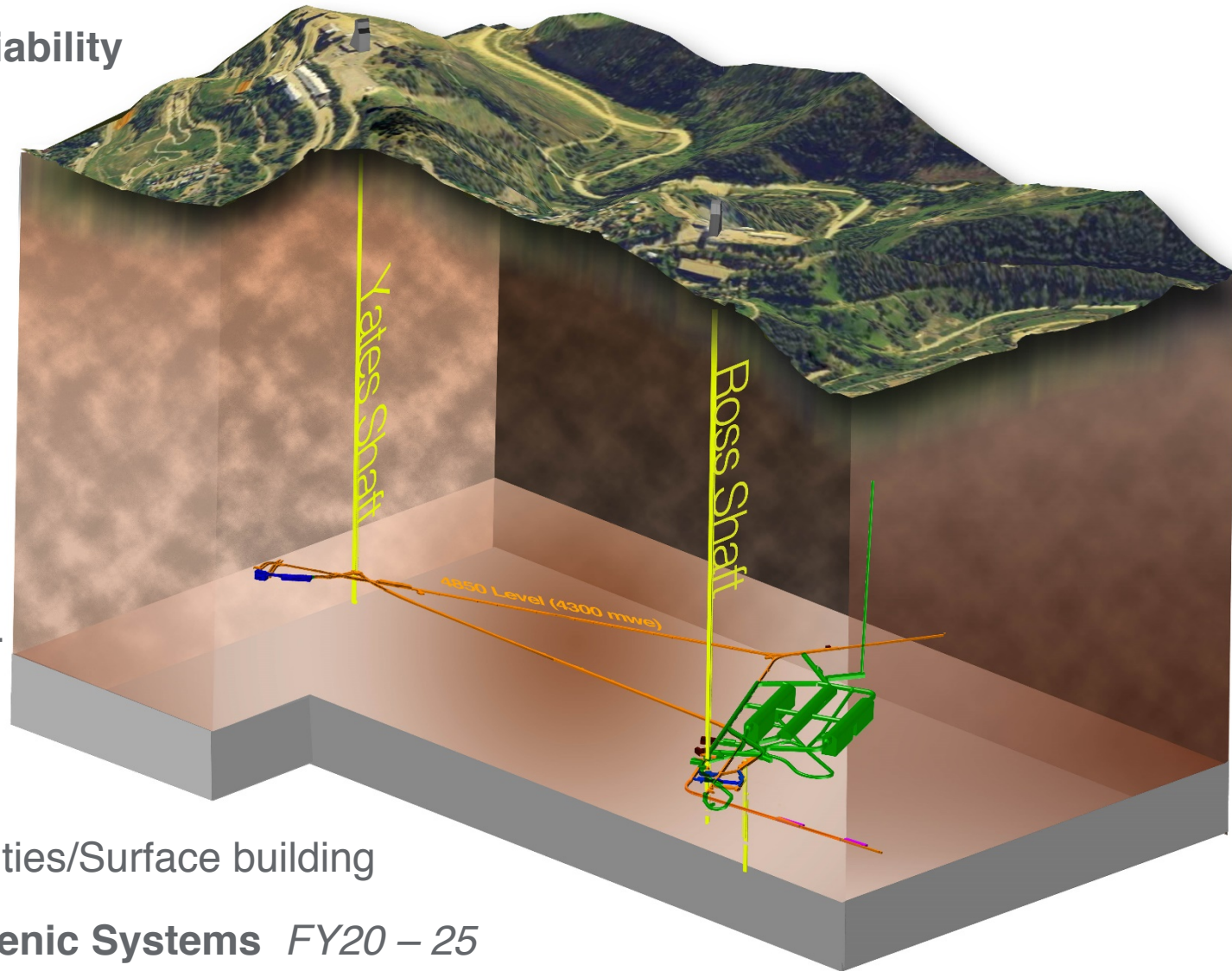
- Rock disposal systems
- Ross brow expansion, more...

3. Excavation/ Construction

FY18 – 22

- Caverns/Drifts/Utilities/Surface building

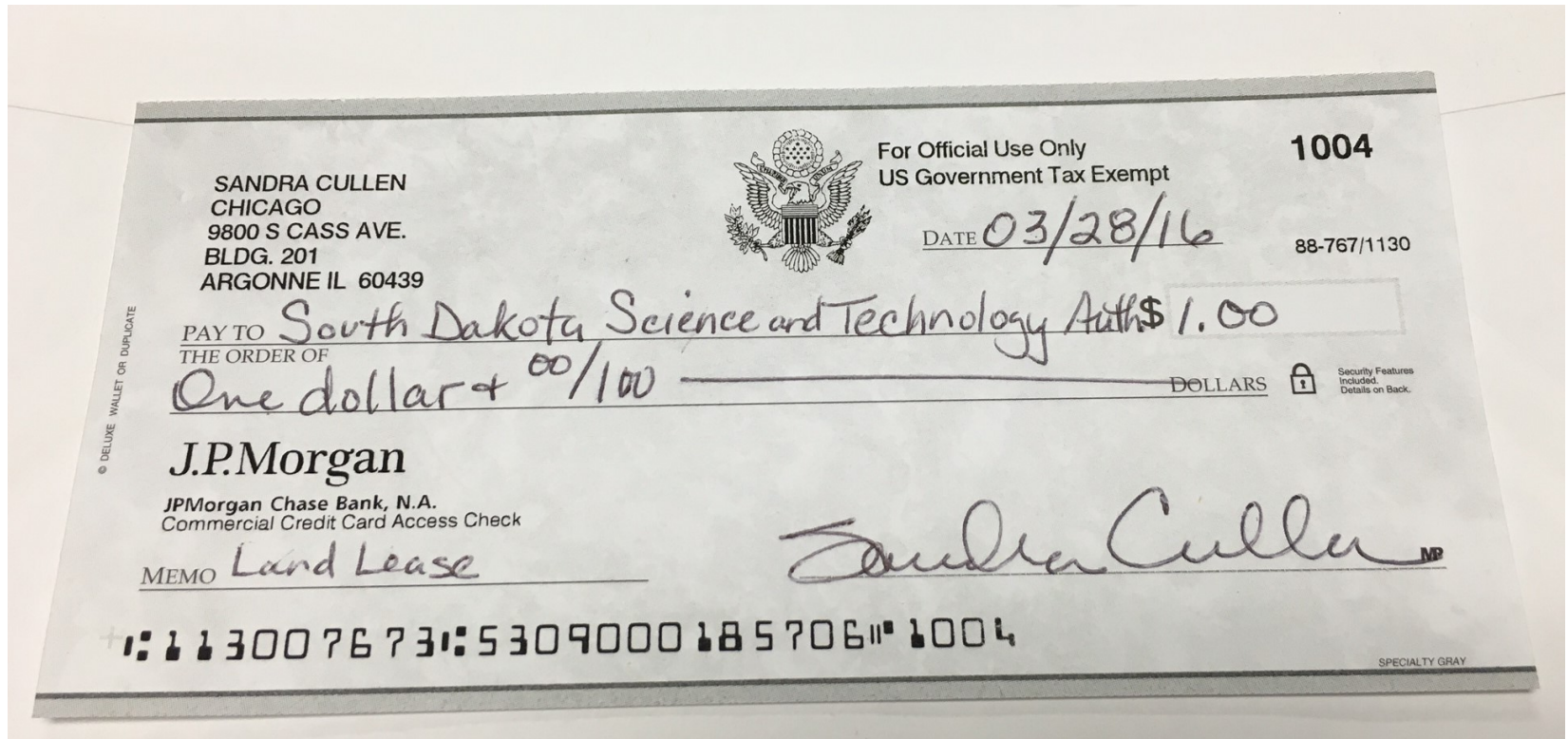
4. Cryostats/Cryogenic Systems *FY20 – 25*



Far Site – “Done” List

- Lease land (actually rock)
- Test the rock
- Figure out way to dispose of rock
- Hire contractor to excavate rock

News from LBNF



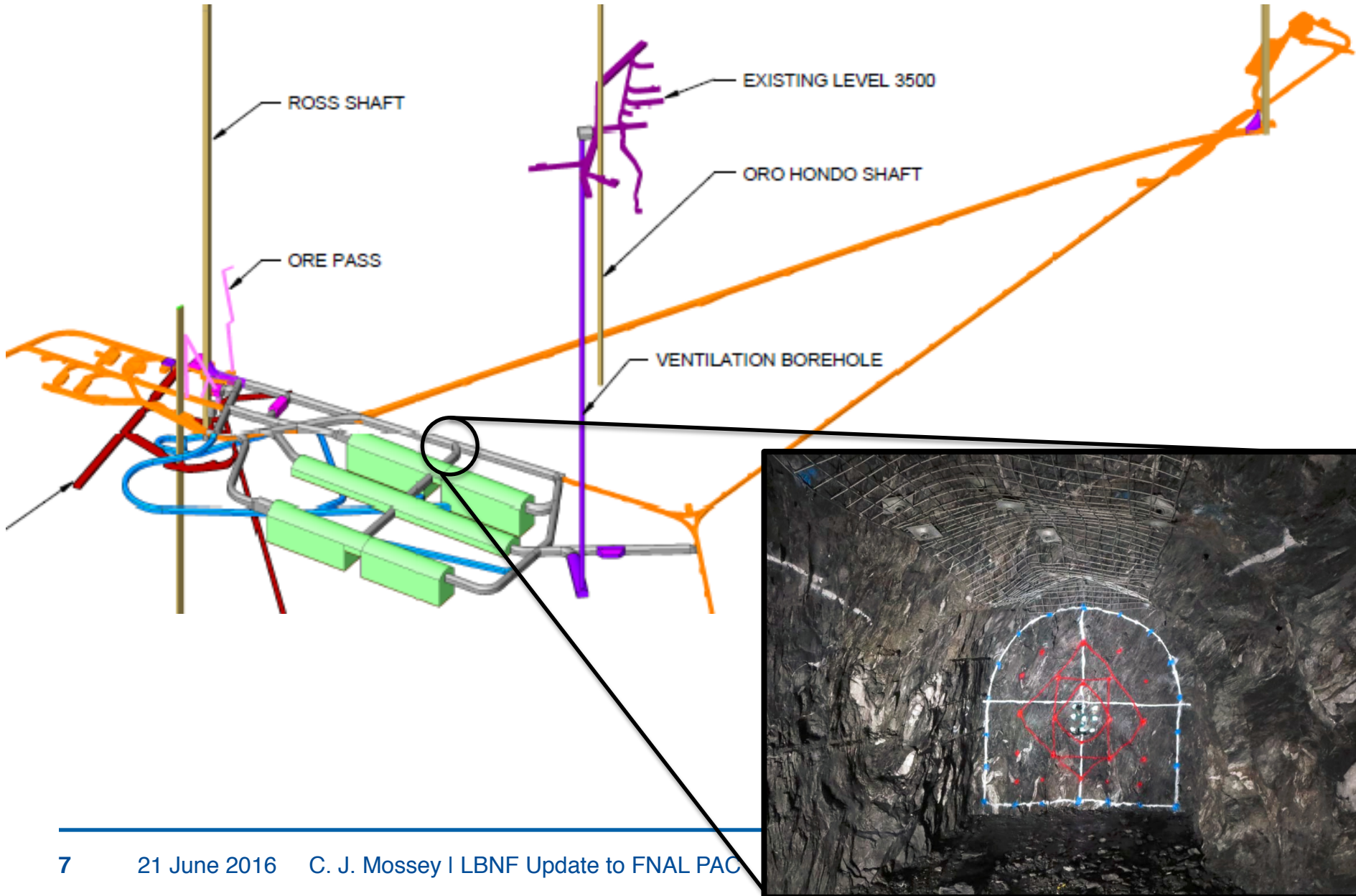
Check for 1st year's lease

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Blast Vibration Study Location

Two “trim” blasts and two “production” blasts executed



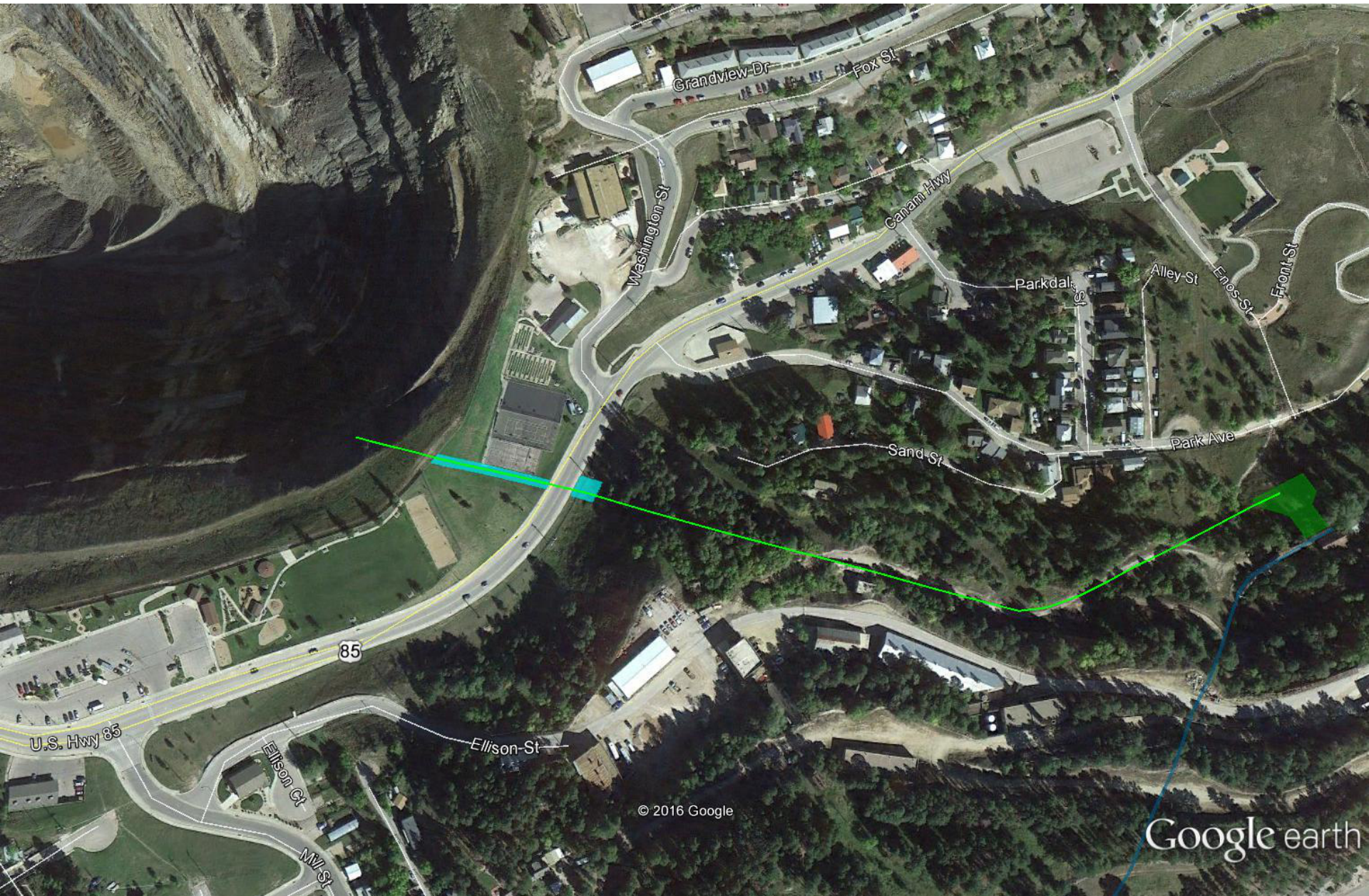
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Conveyor Path from SURF to the Open Cut



Previous Homestake Surface Conveyor System



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