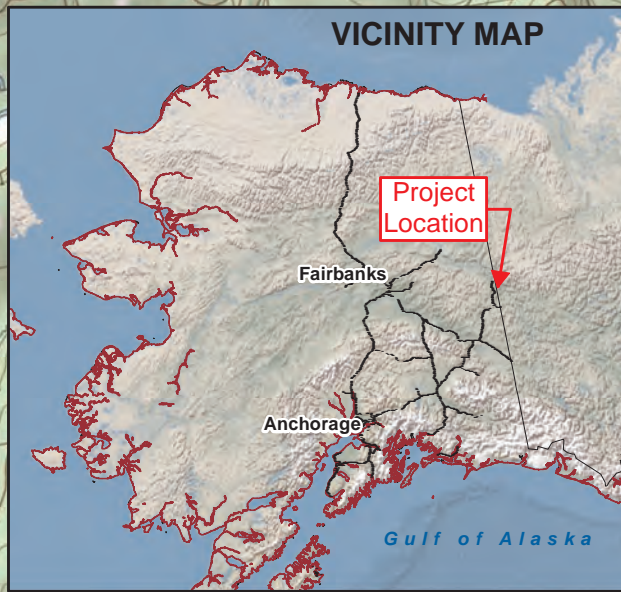
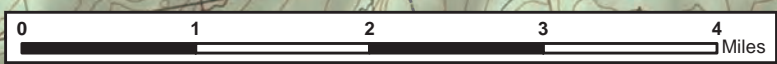
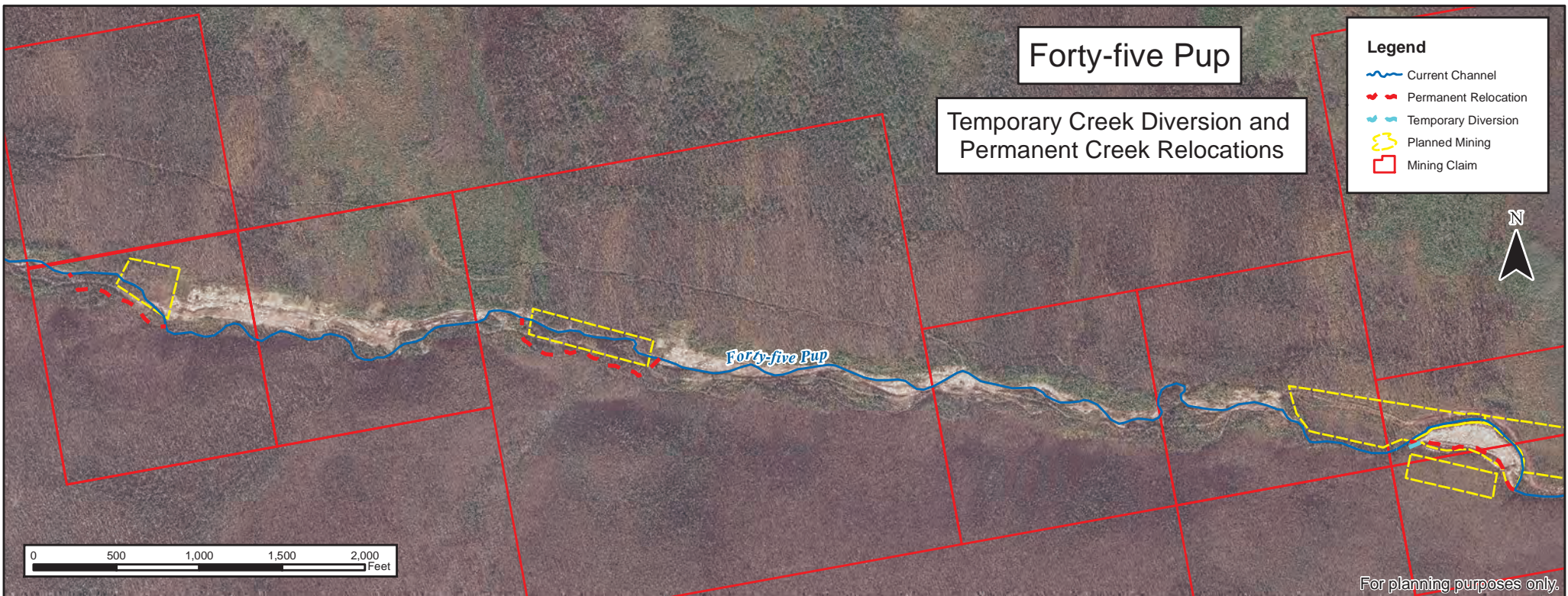
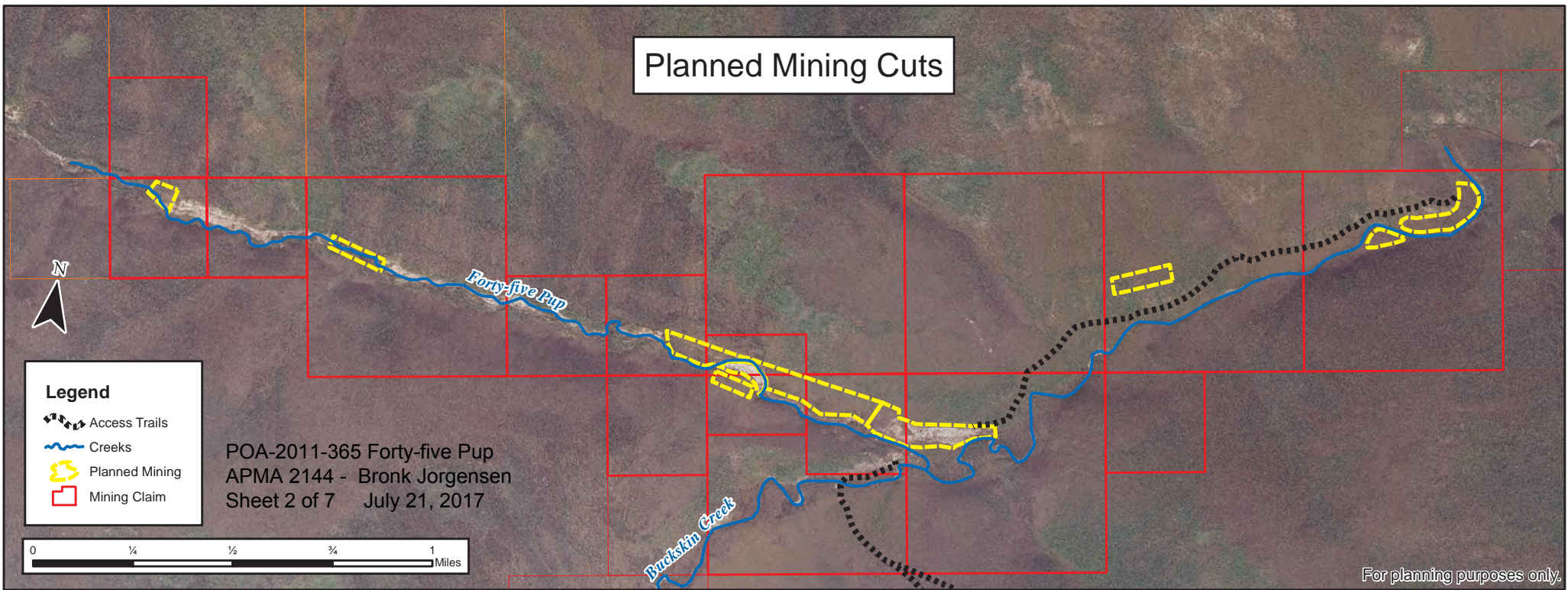


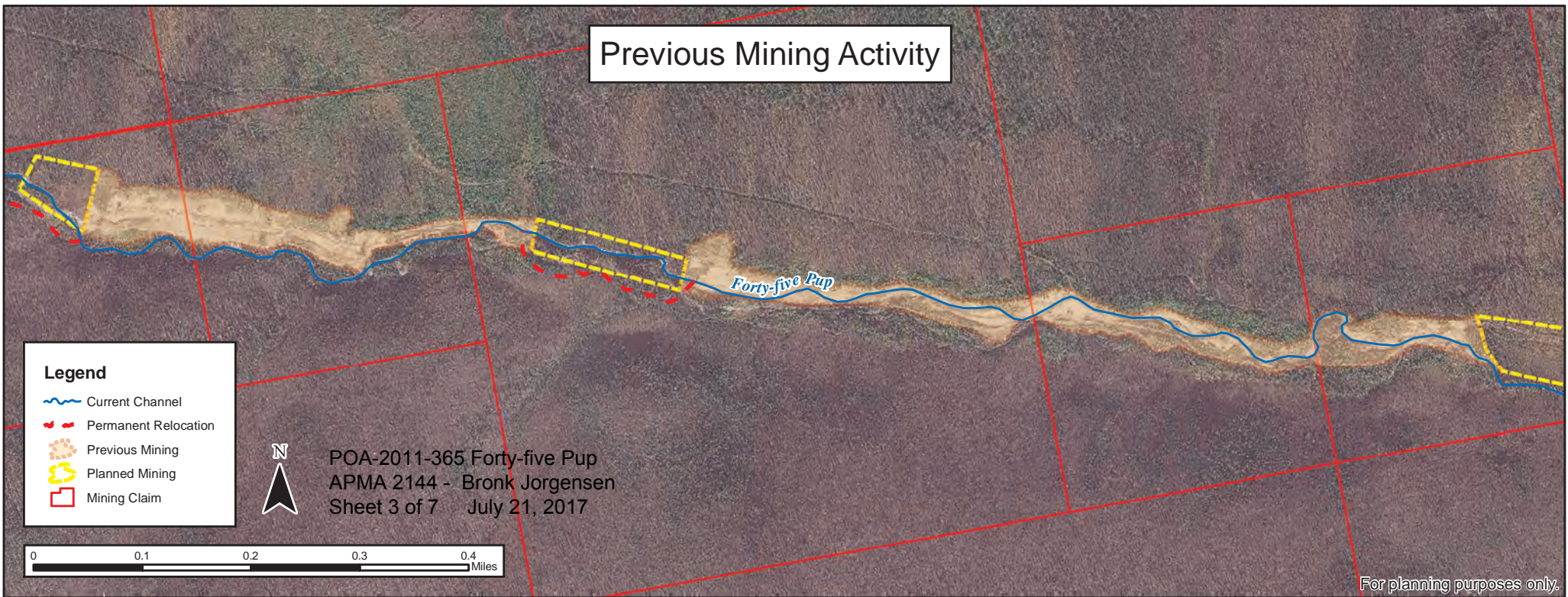
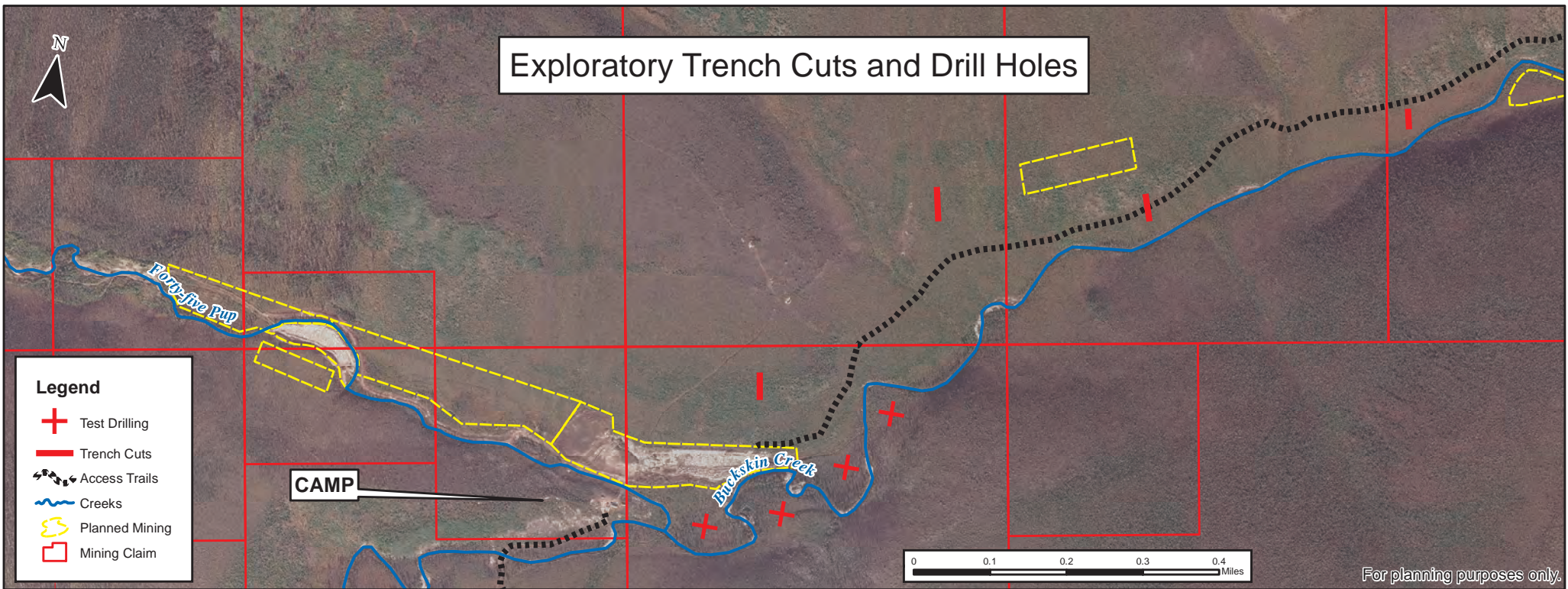
VICINITY MAP



POA-2011-365 Forty-five Pup
APMA 20144 - Bronk Jorgensen
Sheet 1 of 7 July 21, 2017







Mine Plan - 45Pup Creek & Buckskin

Mining:

From the western side of the claim block we propose to strip a cut 200' wide and 800' long as shown on map 1 and located on claim ADL#704775. A buffer of 25 feet will be left between the creek and the cut. This cut was previously tested. The proposed road from our existing Old Timer Cut and Camp will follow high ground and an old existing tractor trail to the north of Buckskin Creek, this will minimize potential wetland disturbance and minimize creek crossings.

We will also put in a cut on the upper bench 200' wide and 800' located on ADL#704774 and this ground was previously tested.

Starting near the mouth of 45 Pup there is the "Old Timer Cut" approximately 150 feet wide and 1600 feet long. This cut is currently in different stages of stripping with the bottom 400 feet ready to be sluiced in 2017. We will then move up the creek mining forward and continuing to strip in front for approximately another 1600 feet.

The creek is in a historic, estimated to be 1960's bypass on the south side of the valley in this area. The creek is stable and has vegetation growing in this area and will be left permanently in this location as it will not be mined in the near future.

The creek then makes a big bend and we currently have the "Big Bend Cut" that is stripped and is approximately 140 feet wide and 650 feet long is on the inside of the bend.

The Old Timer Cut will run into the Big Bend Cut and where the creek crosses the valley a permanent stream diversion approximately 700 feet long and 16 feet wide will be constructed on the south side of the valley in an old stream channel, the north bank will have to be stabilized with the use of rock and wood.

The Big Bend Cut will then continue up the creek and a temporary stream diversion may be needed approximately 200 feet long and 16 feet wide will be constructed while mining takes place. Once mining has occurred the creek will be moved back into approximately the same location.

This extension of the Big Bend Cut will be approximately 800 feet long and 150 feet wide till it reaches ground that was previously mined pre 1981. There will be no creek bypass in this area.

Old mining has taken place for approximately one mile up stream. There is then a virgin area that will be mined. This "Glacier Cut" will be done by first constructing a permanent stream bypass to the south side of the valley. Creek currently runs down the middle. This bypass will be approximately 750 feet long and will partially utilize the old stream channel on the south side of the valley.

Once constructed and the stream has been moved over the Glacier Cut will be approximately 700 feet long and 150 feet wide again till this cut hits previously mined ground.

Up the creek another ½ mile there is a section that is partially stripped 180 feet wide by 100 feet long that will be extended approximately 250 feet. This is our Upper Cut.

Currently the creek crosses the valley in this spot and a permanent bypass will be constructed using an old creek channel on the south side of the valley. This bypass will be approximately 450 feet long and 16 feet wide. Once constructed the stream will be moved over and final 250 feet will be stripped.

All permanent and temporary bypasses will be approximately 16 feet wide, bigger than original to hold flood waters and spring breakups until banks can be reestablished.

Most cuts will be stripping overburden on a 100' x 300' cut using a dozer and excavator. All overburden will be stacked to the sides for easy access during reclamation. In the fall we will strip ahead.

Overburden depth is approximately 8 feet. When pay dirt is reached the lower end of the cut will be pushed upstream to make a settling pond. Processing pay dirt is with a screen deck wash plant. Tailings will be moved with a loader and deposited in the cut to minimize the movement during reclamation process. Water for the plant is provided by a pump placed in the recycle pond. Makeup water is provided by ground water seepage.

The first cut will drain back into the overburden gravels below it. After the first cut it will drain into the previously mined area with tailings.

During stripping topsoil will be kept separate from gravel for reclamation.

Surface waters will be directed away from the work site with berms and ditches. All water on the mining site will drain into the settling ponds and water for processing will come from the settling and recycle ponds.

Stockpiles of topsoil and woody material will be separated from pay and gravels in piles approximately 200' x 30' x 20' on the limits of the cut.

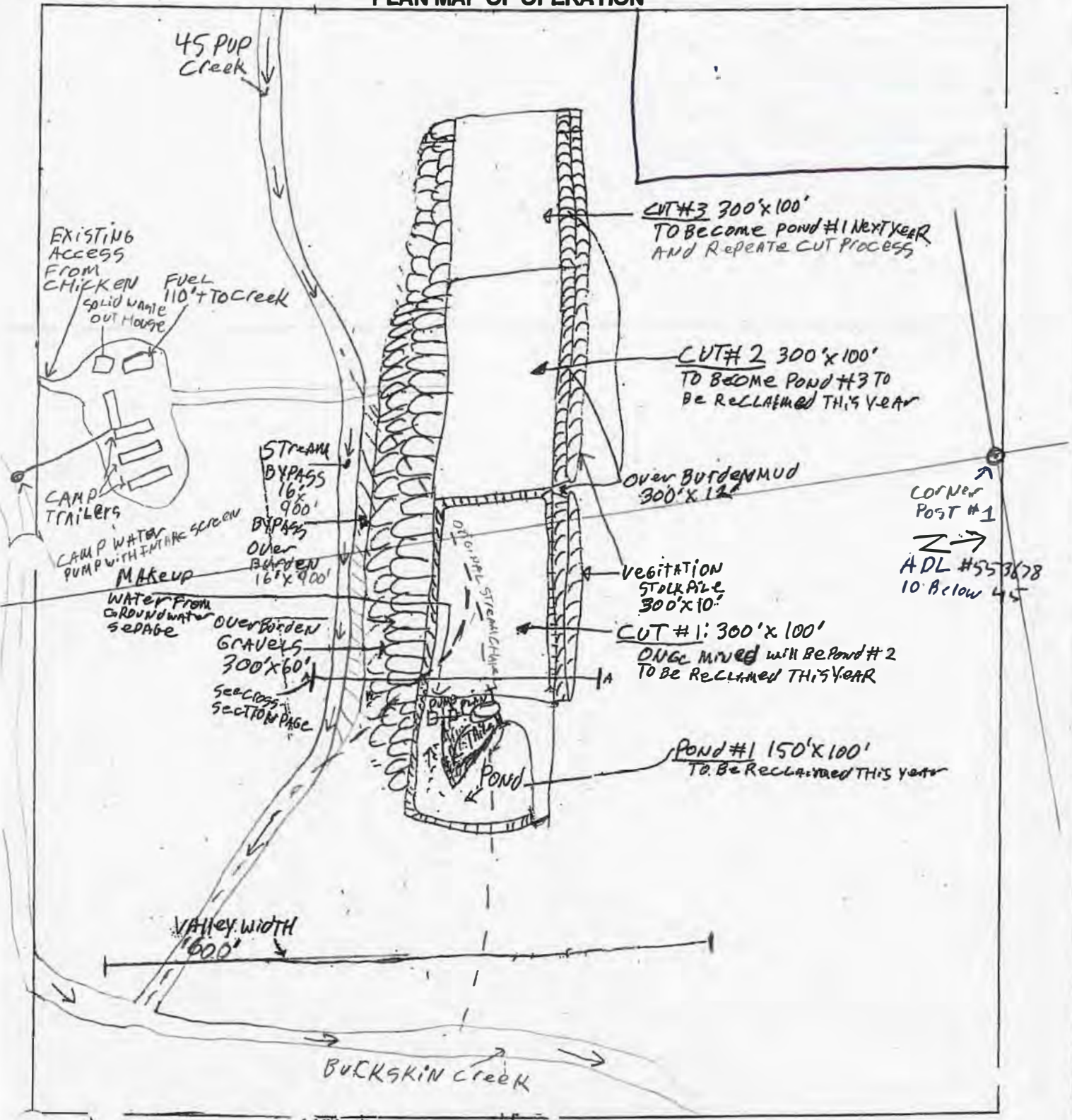
Reclamation will be concurrent with mining. Each fall after the ground is sluiced, it will be re-contoured with tailings and topsoil that has been saved will be spread on top.

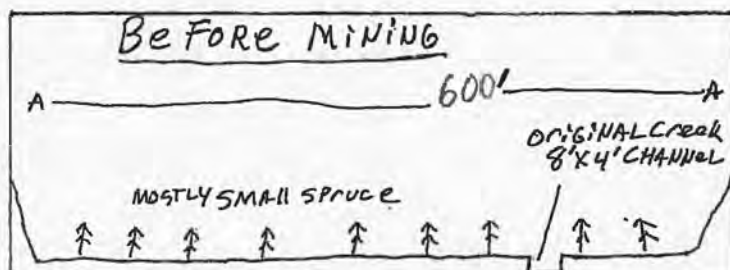
After the Cut is mined, tailings will be carefully pushed into the old settling ponds to cap them off. Gravel overburden will also be used. Finally the topsoil and other vegetation will be re-spread over the entire mine area. Contours will be approximately the same as before mining. If available some of the vegetation mat will also be spread over the topsoil.

Where creek bypasses are built, the creek will be sized to handle flood waters and will have a floodplain. Woody material and rocks will be used to stabilize creek banks until vegetation takes hold.

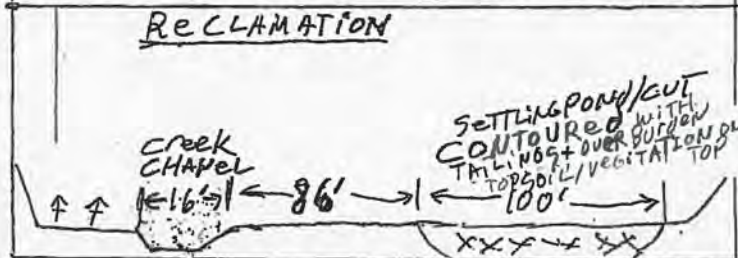
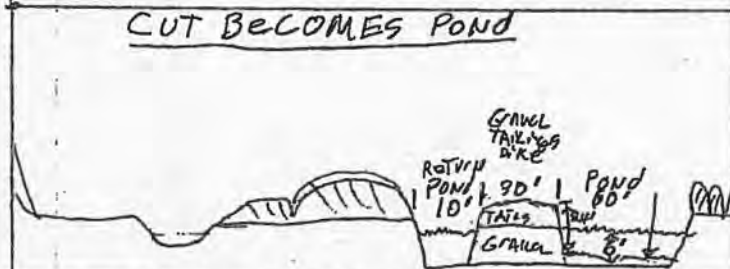
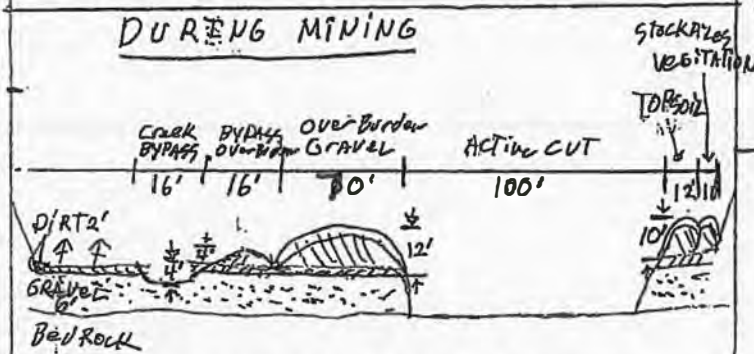
See attached Army Core Attachment 2.

PLAN MAP OF OPERATION





Owner: Bronk Jorgensen
 Operator: ~~Associated Land Services~~
 45 Pup & Co. LLC
 Creek: 45 Pup & Buchs
 Quad Map: Eagle A-3
 Legal: T8S, R29E
 S29, S28
 Fairbanks Mining



CROSS-SECTION MAP