

Figures



- Community
- Connected Community
- Parks, Preserves and Refuges
- Highway
- Terrestrial Corridor
- River Corridor
- Canyon Bypass Corridor



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ALASKA FIBEROPTIC PROJECT PROJECT OVERVIEW

SCALE:

FIGURE:
1



Figure 2. Typical mulching equipment.



Figure 3. Typical vibratory plow.

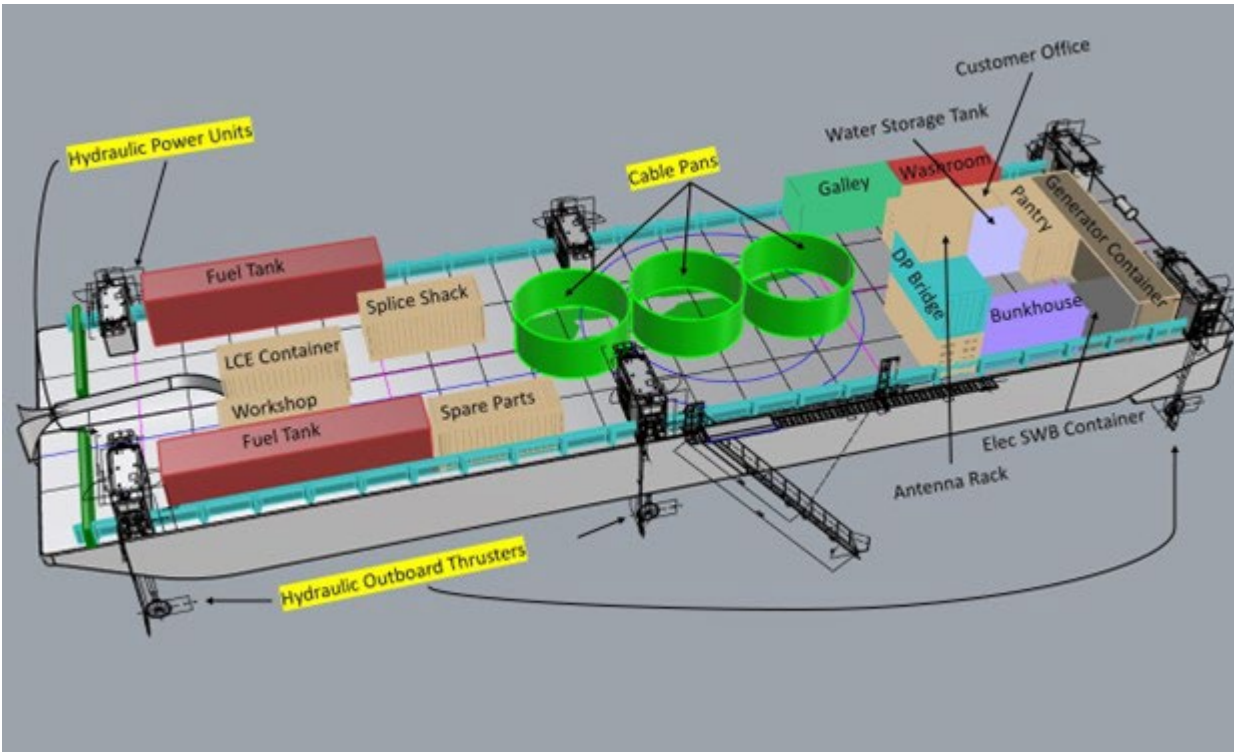


Figure 4. Graphic of the cable lay barge (CLB).

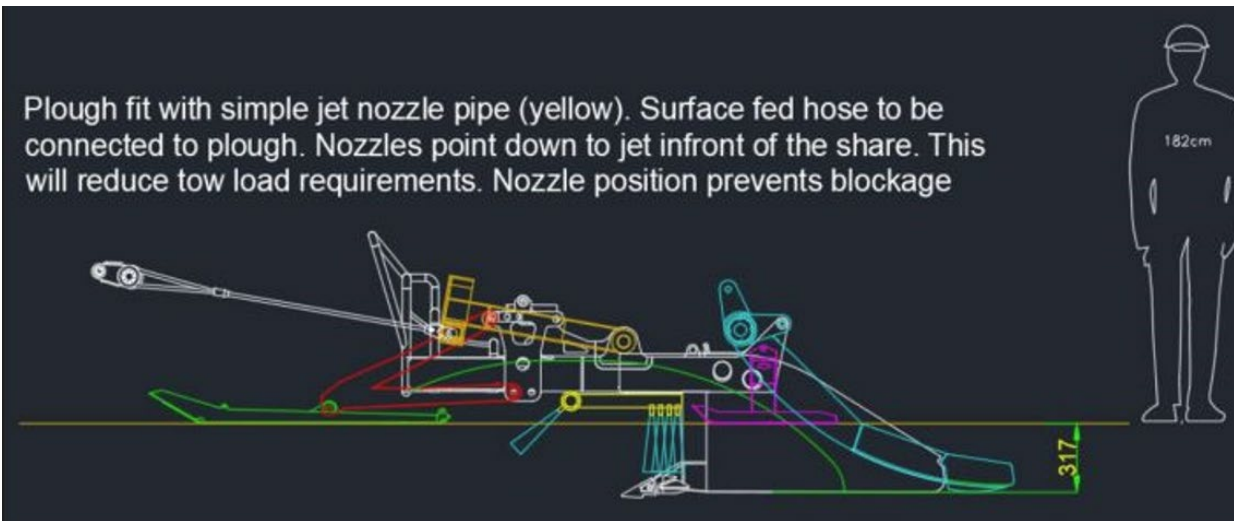


Figure 5. Graphic of the scratch plow.



Figure 6. Graphic of the jet plow.

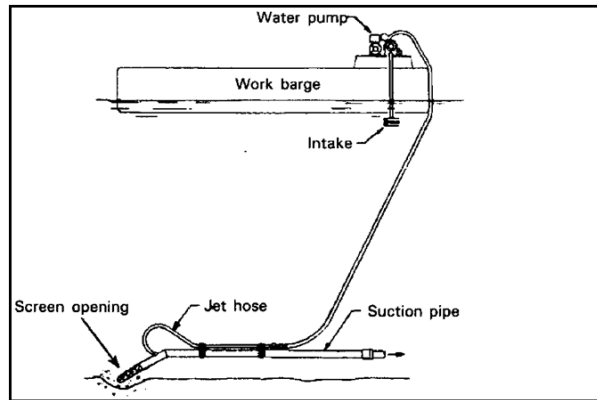


Figure 7. Photo and graphic examples of diver jetting.

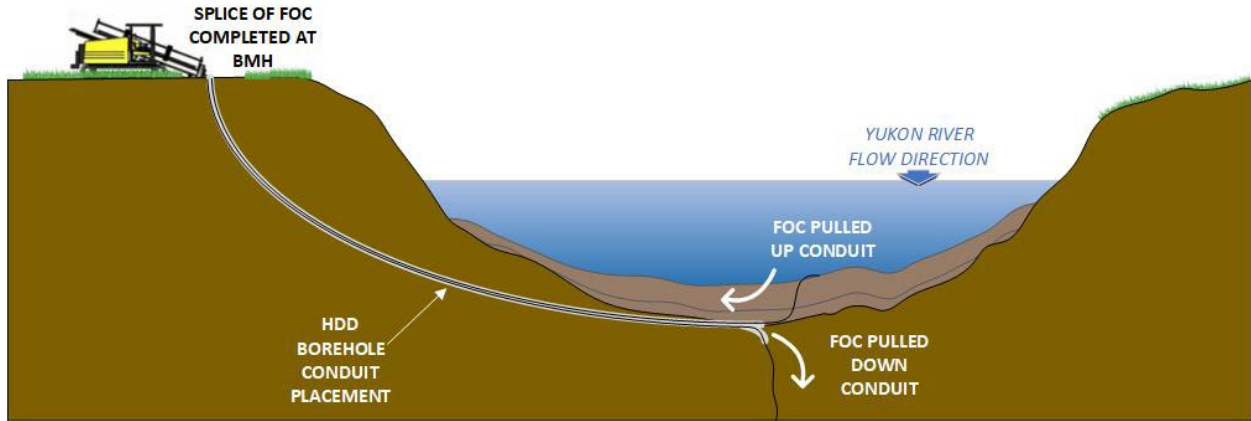


Figure 8. Graphic of horizontal directional drilling.



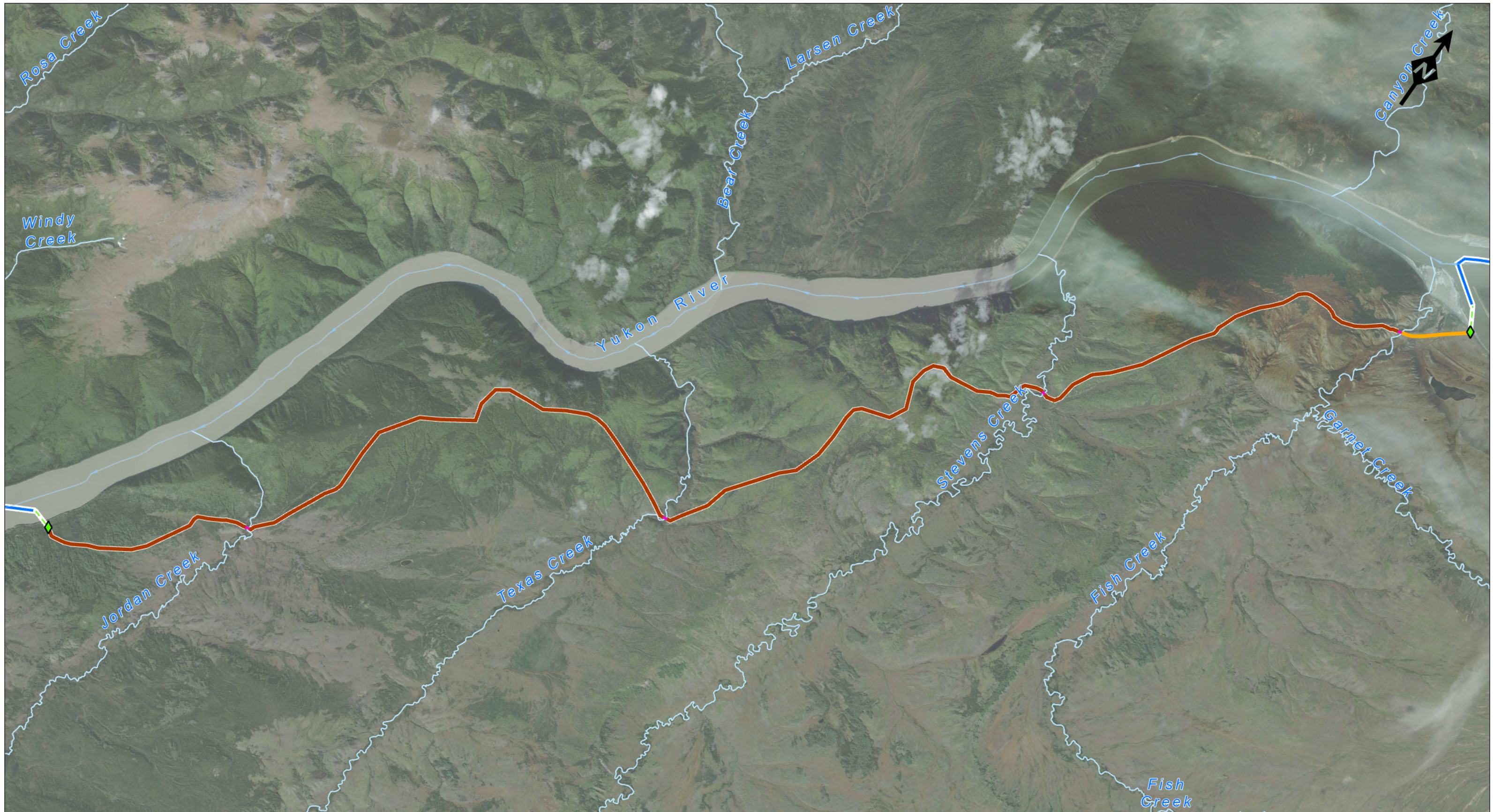
Figure 9. Typical all terrain Ditch Witch.



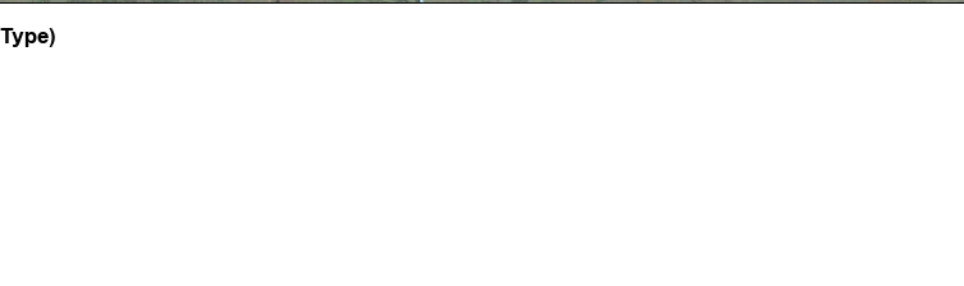
Figure 10. Photo of a typical beach manhole (BMH).



Figure 11. Photo of a typical communications shelter.



Alignment (Install Type)	Overland Bypass (Install Type)
Scratch Plow	HDD Bore
Approximate Fiber Optic HDD Bore Alignment	Summer Trench
Proposed BMH and HDD Location	Surface Lay



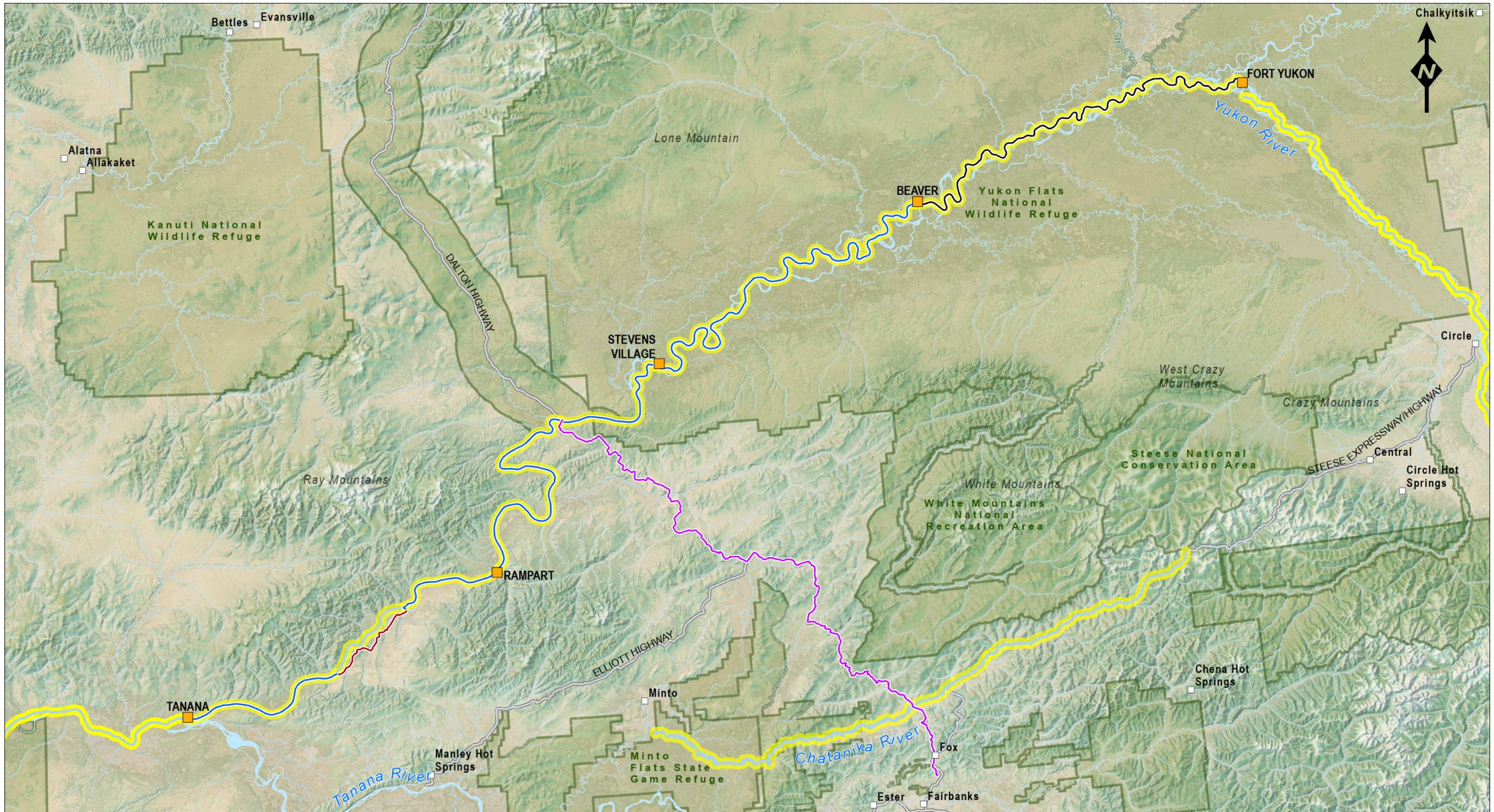
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ALASKA FIBEROPTIC PROJECT CANYON BYPASS (TERRESTRIAL)

SCALE:

FIGURE:
12

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- Alignment (Install Type)**
- ~ Scratch Plow
 - ~ Canyon Bypass (Terrestrial)
 - ~ Jet Plow
 - ~ Terrestrial
 - ~ Navigable Portions of Yukon and Chatanika Rivers

- Community
- Connected Community
- Parks, Preserves and Refuges
- Highway



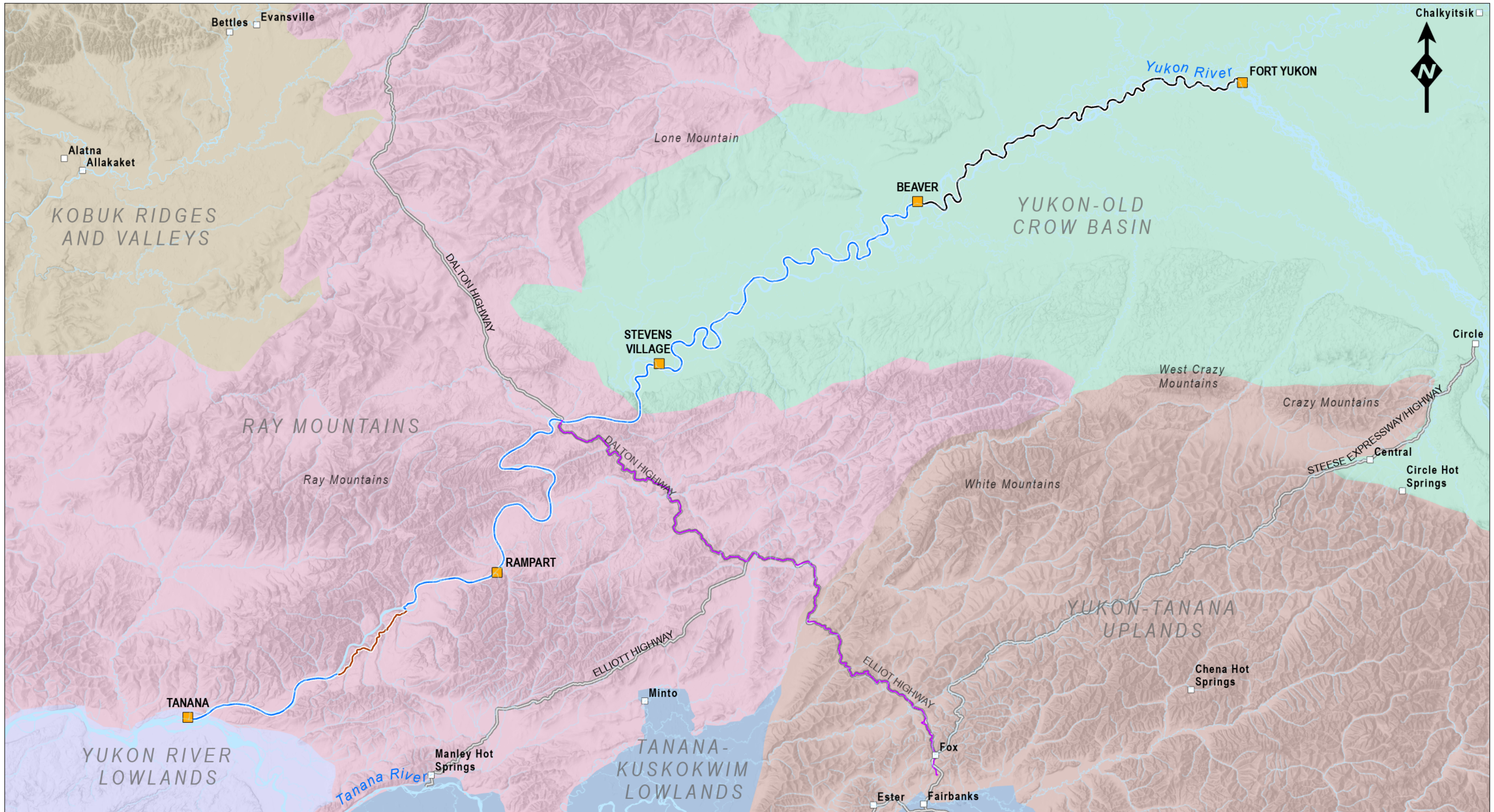
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ALASKA FIBEROPTIC PROJECT FORT YUKON TO TANANA (IN RIVER) NAVIGABLE WATERS

SCALE:
 0 5 10 20 Miles
 0 10 20 40 Kilometers

FIGURE:
13

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- Community
 - Connected Community
 - Highway
- Alignment (Install Type)**
- Scratch Plow
 - Canyon Bypass (Terrestrial)
 - Jet Plow
 - Terrestrial

- Ecoregion Name**
- Kobuk Ridges and Valleys
 - Ray Mountains
 - Tanana-Kuskokwim Lowlands
 - Yukon River Lowlands
 - Yukon-Old Crow Basin
 - Yukon-Tanana Uplands



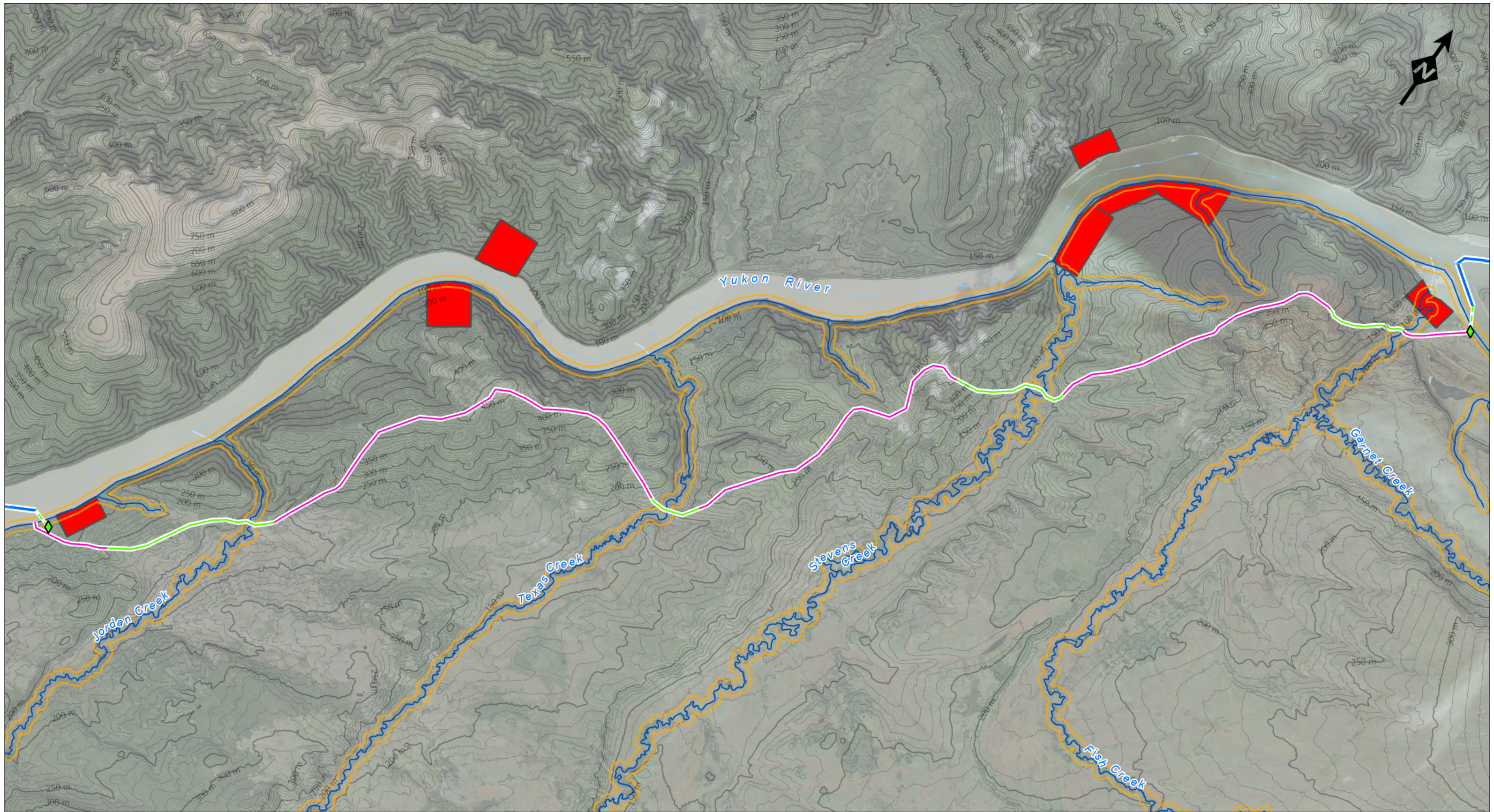
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ALASKA FIBEROPTIC PROJECT ECOREGIONS

SCALE:

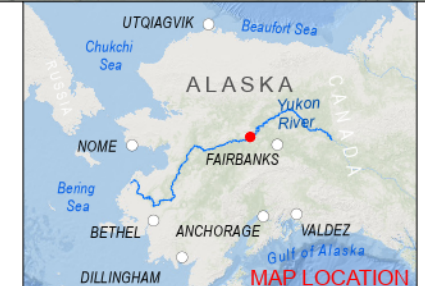
FIGURE:
14

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- IFSAR Contour (50 m)
- NHD Stream/River
- Native Allotment
- NHD Stream/River 100 meter buffer

- Cultural Probability**
- Low
 - Moderate/High
- Alignment (Install Type)**
- Scratch Plow
 - Proposed HDD Bore Alignment
 - Proposed BMH and HDD Location



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**ALASKA FIBEROPTIC PROJECT
CANYON BYPASS (TERRESTRIAL)
CULTURAL RESOURCE
PROBABILITY AREAS**

SCALE:

FIGURE: **15**