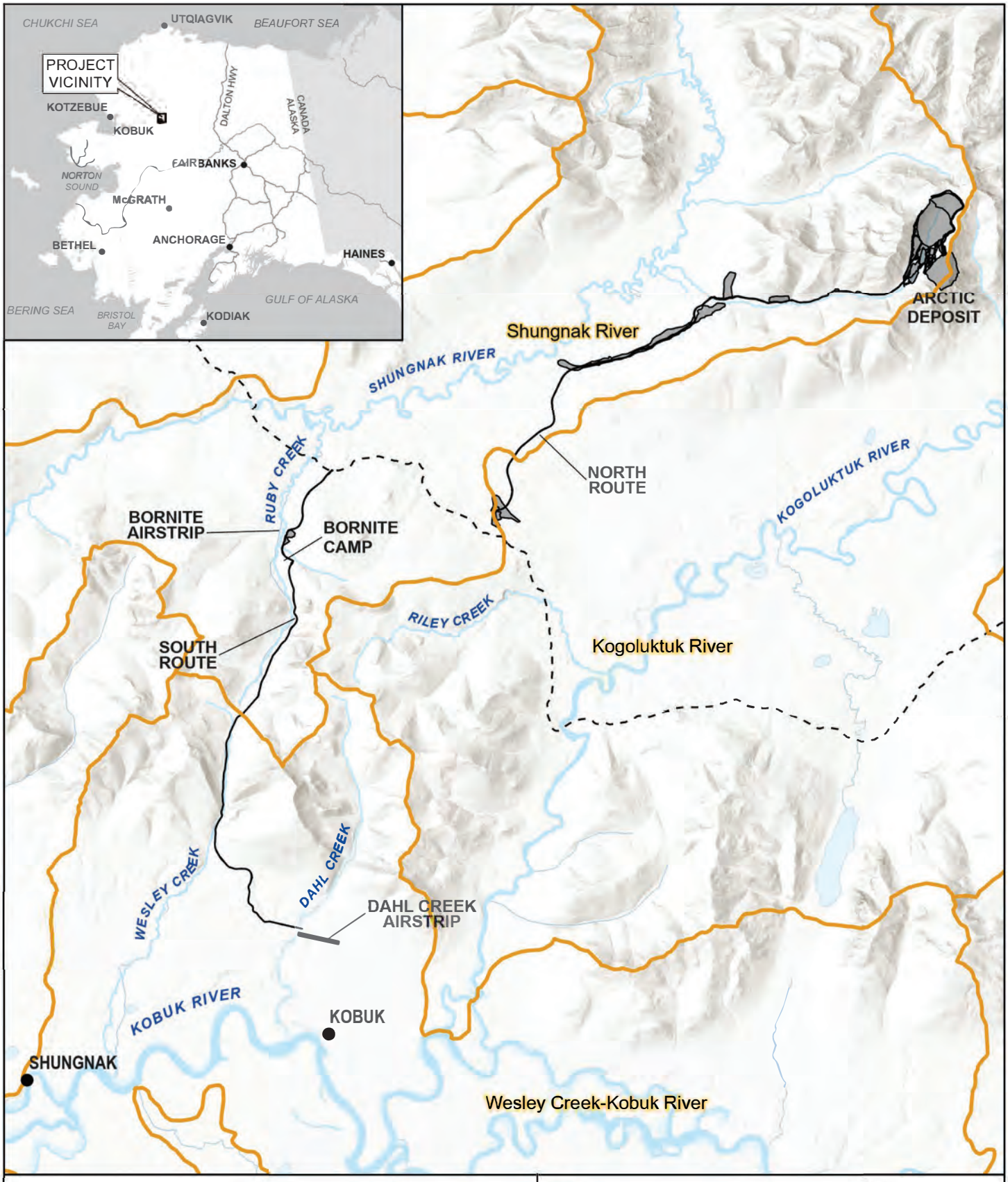


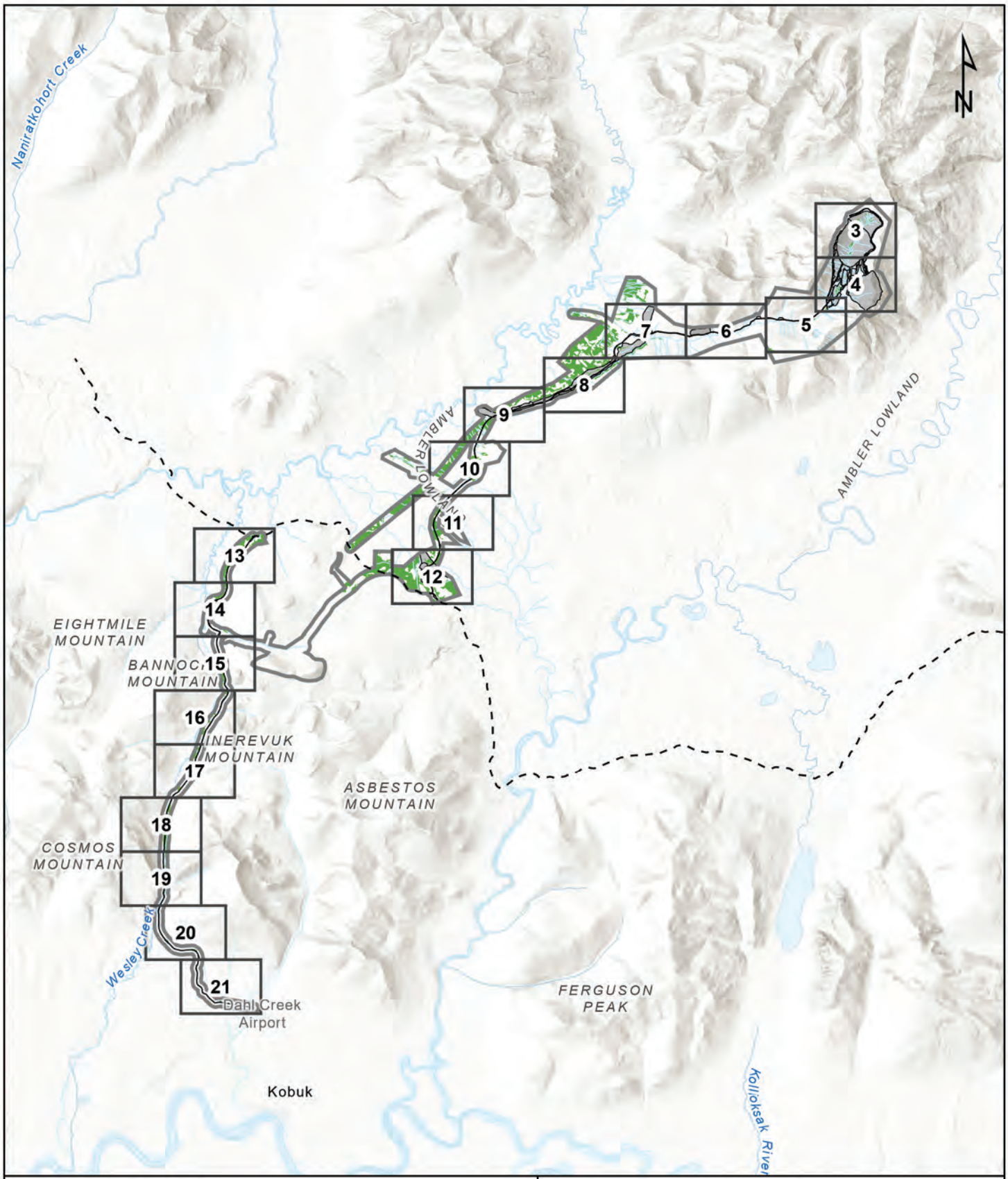
Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 1 of 25 Date: 4/17/2026

Project Footprint
Ambler Access Road
Watershed Boundary (HUC 10)

N

0 1.5 3 Miles

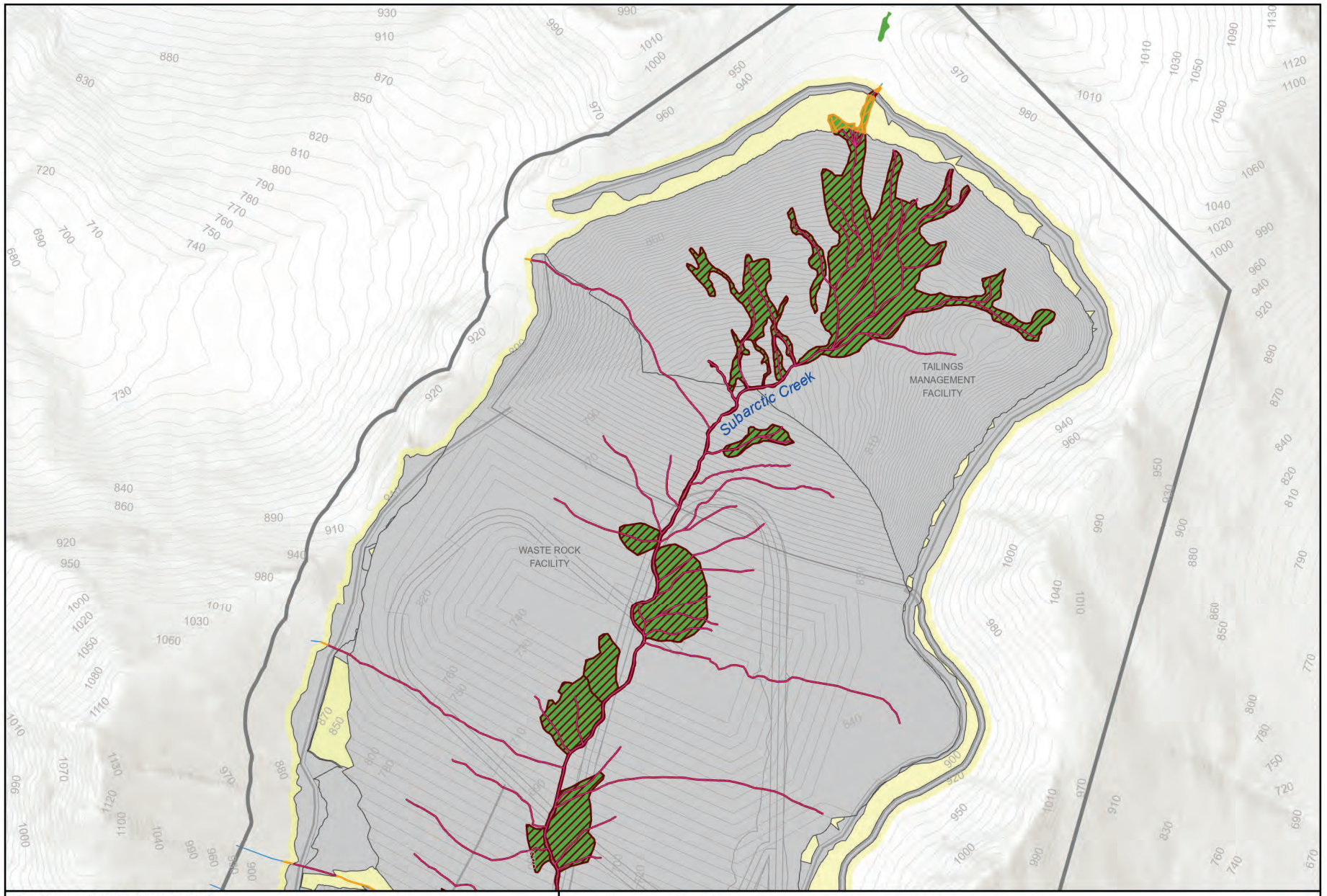
Imagery Credits: World Terrain Base: Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community
World Hillshade: Esri, USGS



Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 2 of 25 Date: 4/17/2026

- - - Ambler Access Road
Sheet Number
Project Footprint
Cut/ Fill Limits
Streams
Wetlands
Wetland Study Area

0 1.5 3 Miles

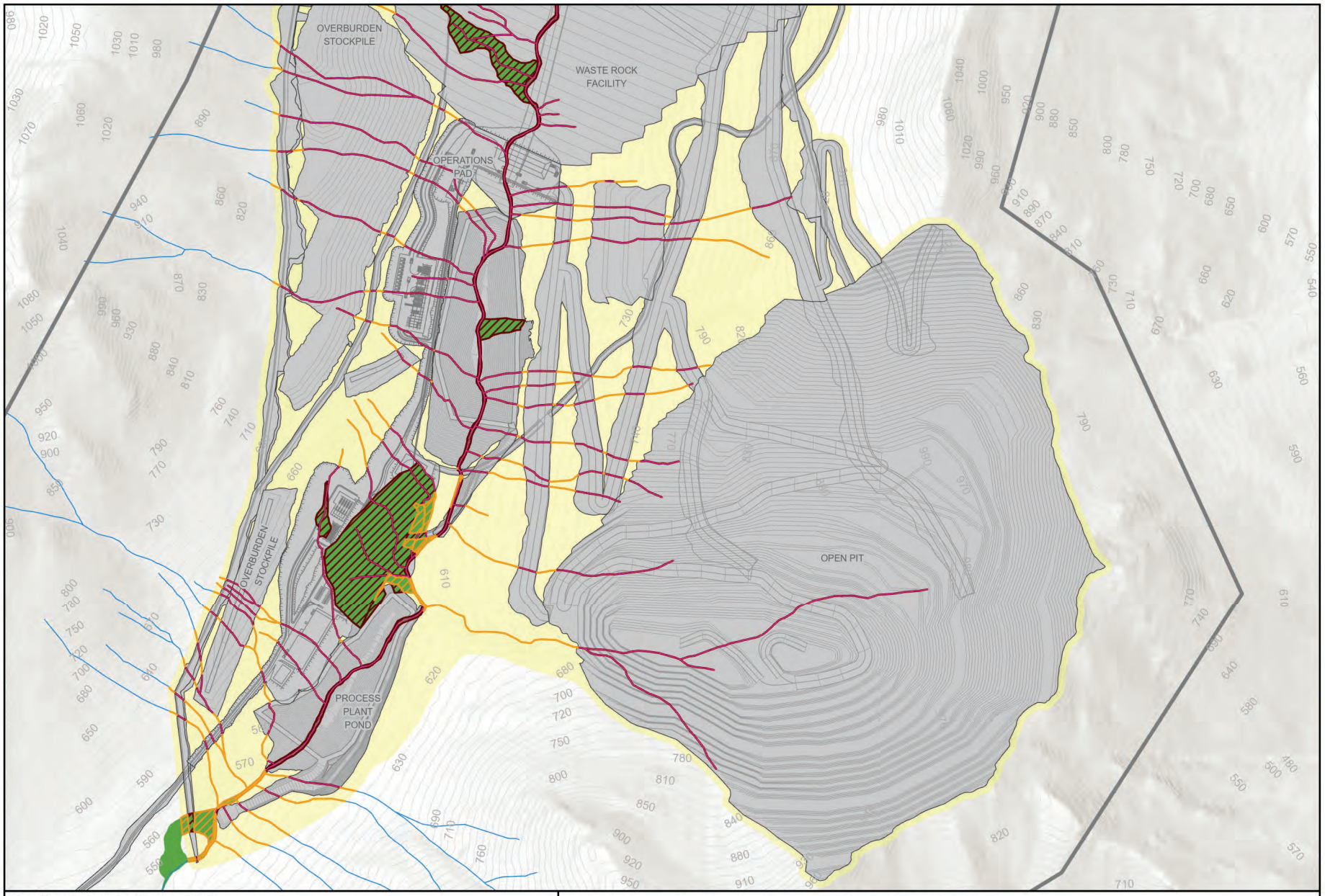


Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 3 of 25 Date: 5/14/2026

- Stream Footprint Impact
- Stream Interstitial Impact
- Wetland Footprint Impact
- Wetland Interstitial Impact
- Project Footprint
- Cut/Fill Limits
- Mine Area Impact Zone
- Stream
- Wetland
- Wetland Study Area
- Topographic Contour (10 m)

N

0 500 1,000 Feet

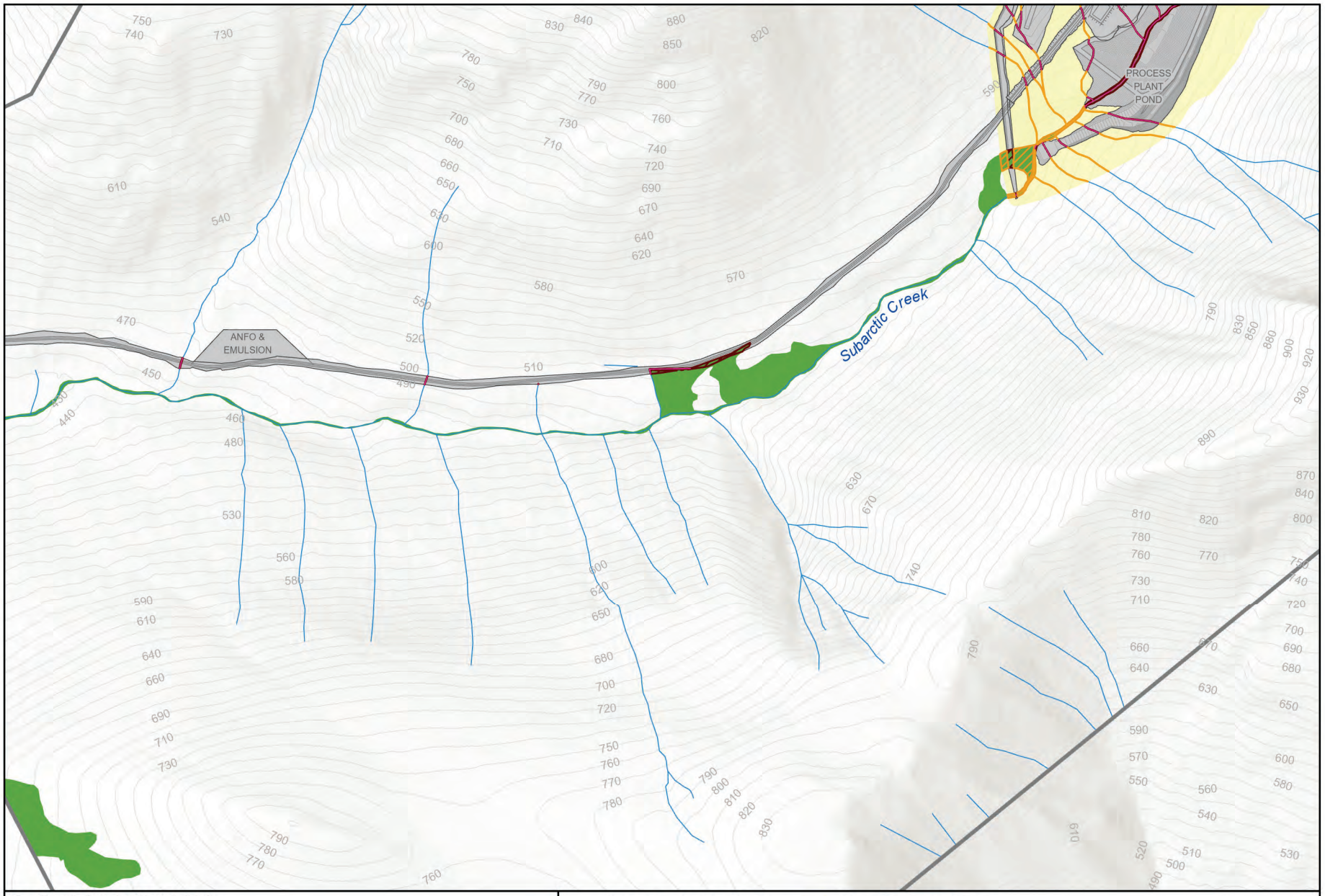


Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 4 of 25 Date: 5/14/2026

- Stream Footprint Impact
- Stream Interstitial Impact
- Wetland Footprint Impact
- Wetland Interstitial Impact
- Project Footprint
- Cut/Fill Limits
- Mine Area Impact Zone
- Stream
- Wetland
- Wetland Study Area
- Topographic Contour (10 m)

N

0 500 1,000 Feet

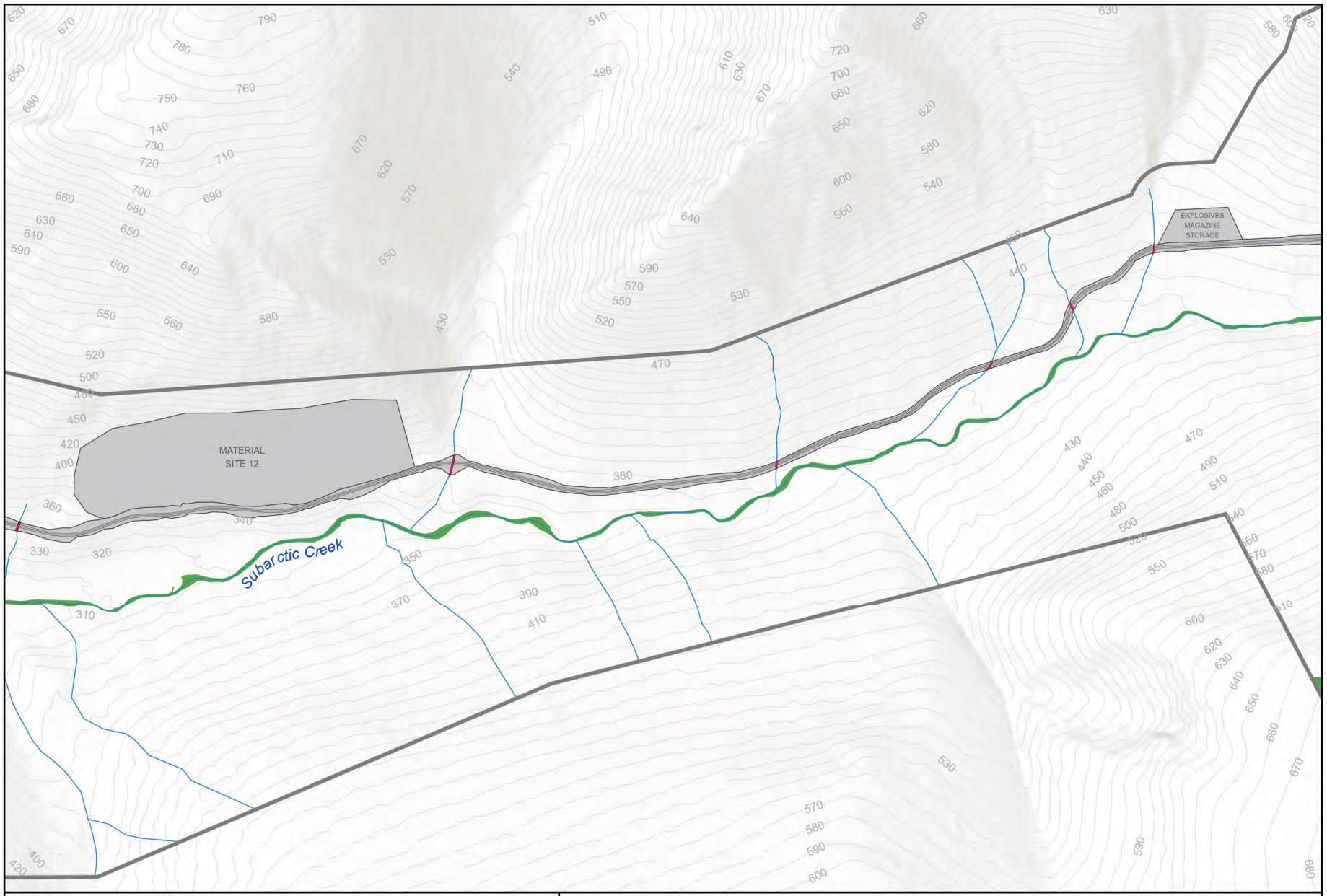


Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 5 of 25 Date: 5/14/2026

- Stream Footprint Impact
- Stream Interstitial Impact
- Wetland Footprint Impact
- Wetland Interstitial Impact
- Project Footprint
- Cut/Fill Limits
- Mine Area Impact Zone
- Stream
- Wetland
- Wetland Study Area
- Topographic Contour (10 m)

N

0 500 1,000 Feet



Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 6 of 25 Date: 5/14/2026

- Stream Footprint Impact
- Wetland Footprint Impact
- Project Footprint
- Cut/Fill Limits
- Stream
- Wetland
- Wetland Study Area
- Topographic Contour (10 m)

N

0 500 1,000 Feet



Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 7 of 25 Date: 5/14/2026

Stream Footprint Impact
Wetland Footprint Impact
Project Footprint
Cut/Fill Limits
Stream
Wetland
Wetland Study Area
Topographic Contour (10 m)

N

0 500 1,000 Feet



Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 8 of 25 Date: 5/14/2026

- Stream Footprint Impact
- Wetland Footprint Impact
- Project Footprint
- Cut/Fill Limits
- Stream
- Wetland
- Wetland Study Area
- Topographic Contour (10 m)

N

0 500 1,000 Feet

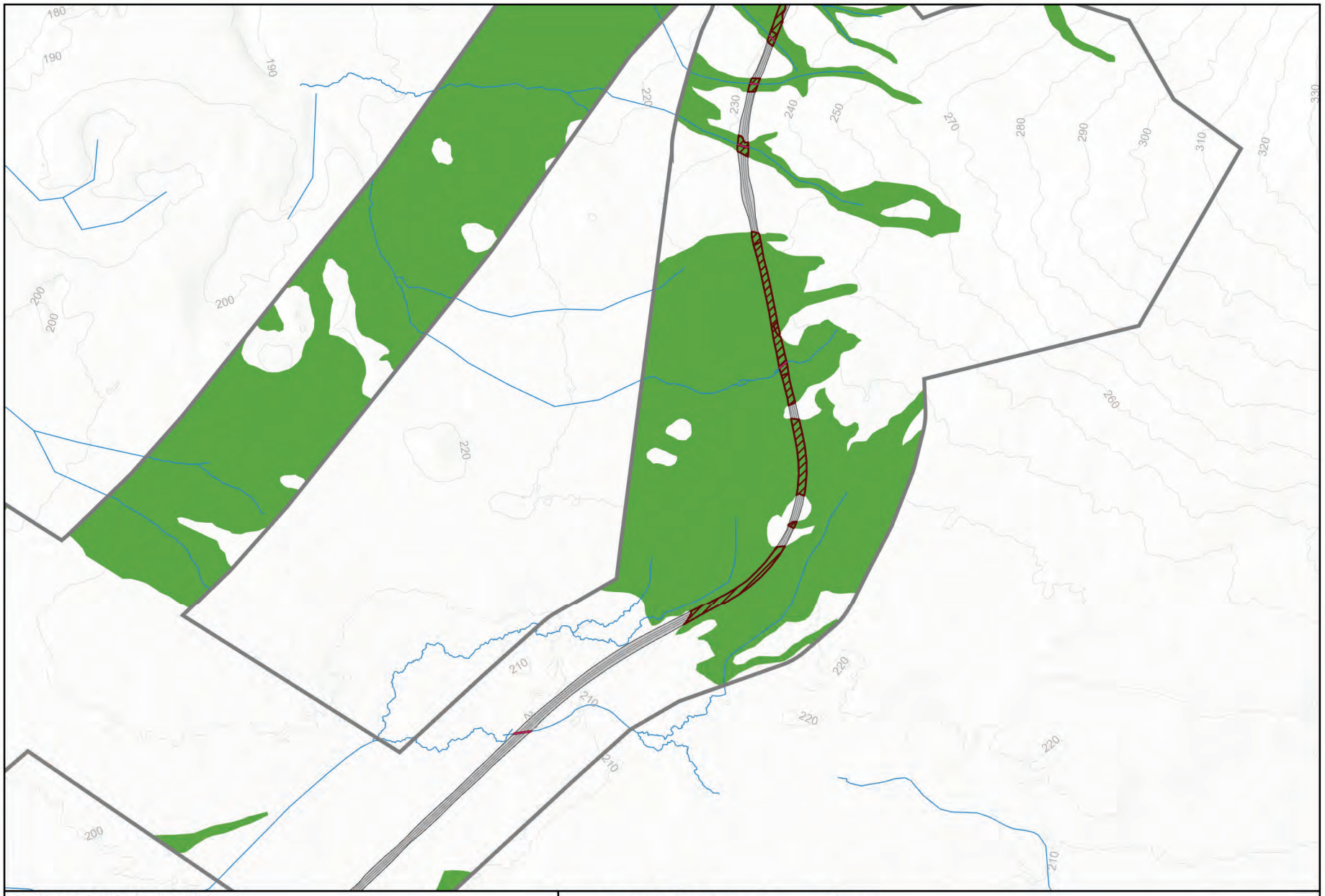


Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 9 of 25 Date: 5/14/2026

- Stream Footprint Impact
- Wetland Footprint Impact
- Project Footprint
- Cut/Fill Limits
- Stream
- Wetland
- Wetland Study Area
- Topographic Contour (10 m)

N

0 500 1,000 Feet

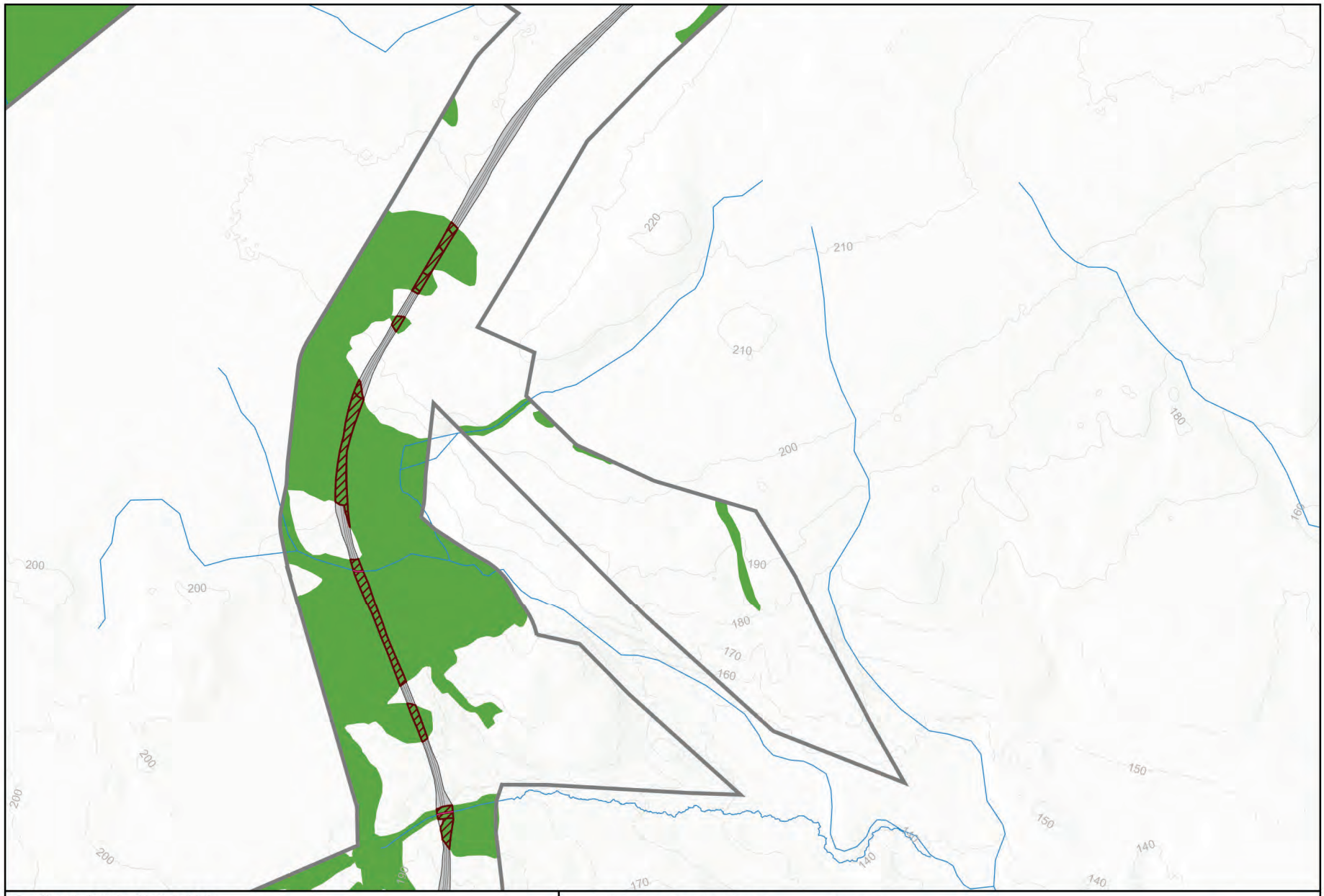


Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 10 of 25 Date: 5/14/2026

Stream Footprint Impact
Wetland Footprint Impact
Project Footprint
Cut/Fill Limits
Stream
Wetland
Wetland Study Area
Topographic Contour (10 m)

N

0 500 1,000 Feet



Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 11 of 25 Date: 5/14/2026

Stream Footprint Impact
Wetland Footprint Impact
Project Footprint
Cut/Fill Limits
Stream
Wetland
Wetland Study Area
Topographic Contour (10 m)

N

0 500 1,000 Feet

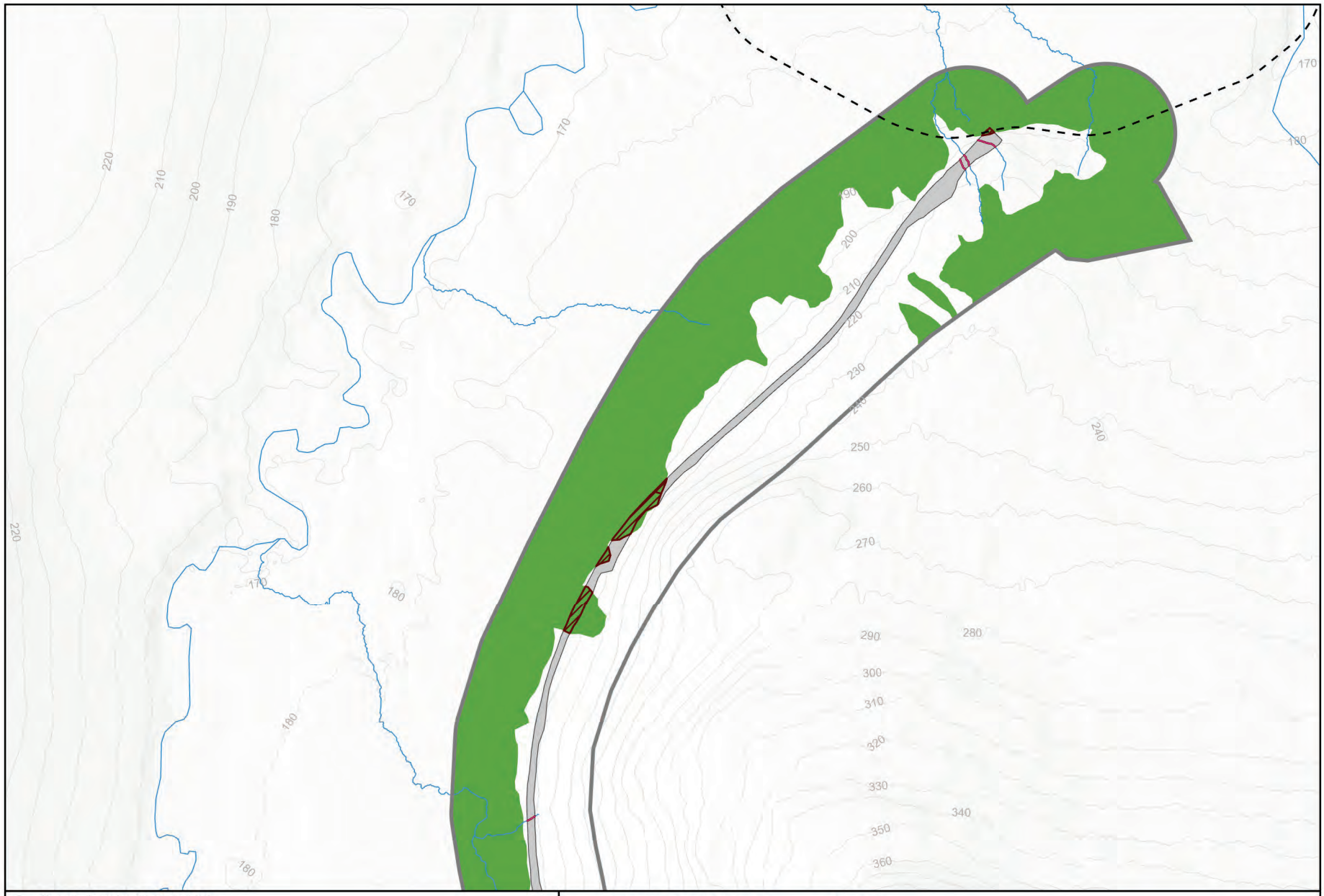


Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 12 of 25 Date: 5/14/2026

- Stream Footprint Impact
- Wetland Footprint Impact
- Project Footprint
- Cut/Fill Limits
- Stream
- Wetland
- Wetland Study Area
- Ambler Access Road
- Topographic Contour (10 m)

N

0 500 1,000 Feet



Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 13 of 25 Date: 5/14/2026

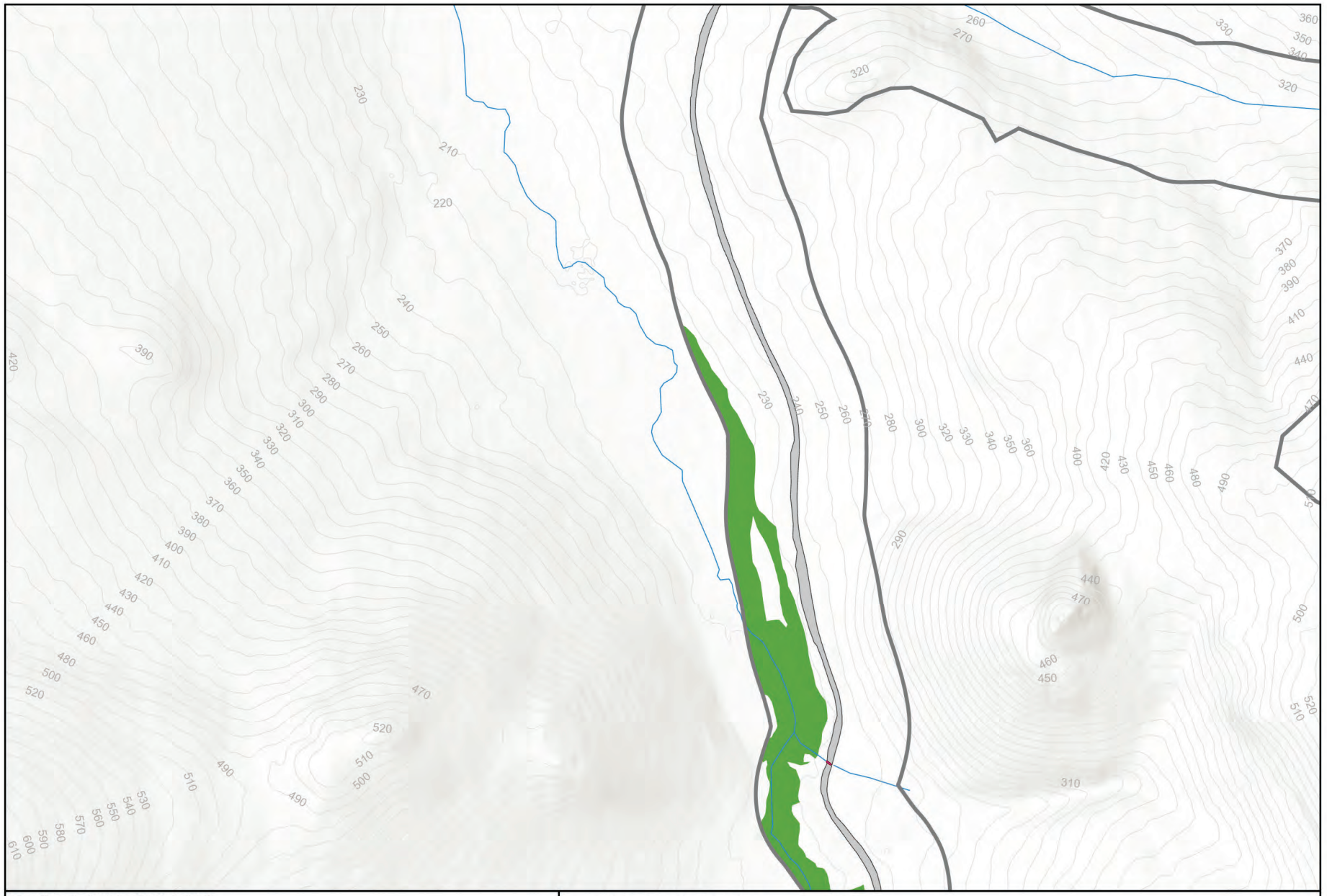


Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 14 of 25 Date: 5/14/2026

Stream Footprint Impact
Wetland Footprint Impact
Project Footprint
Cut/Fill Limits
Stream
Wetland
Wetland Study Area
Topographic Contour (10 m)

N

0 500 1,000 Feet



Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 15 of 25 Date: 5/14/2026

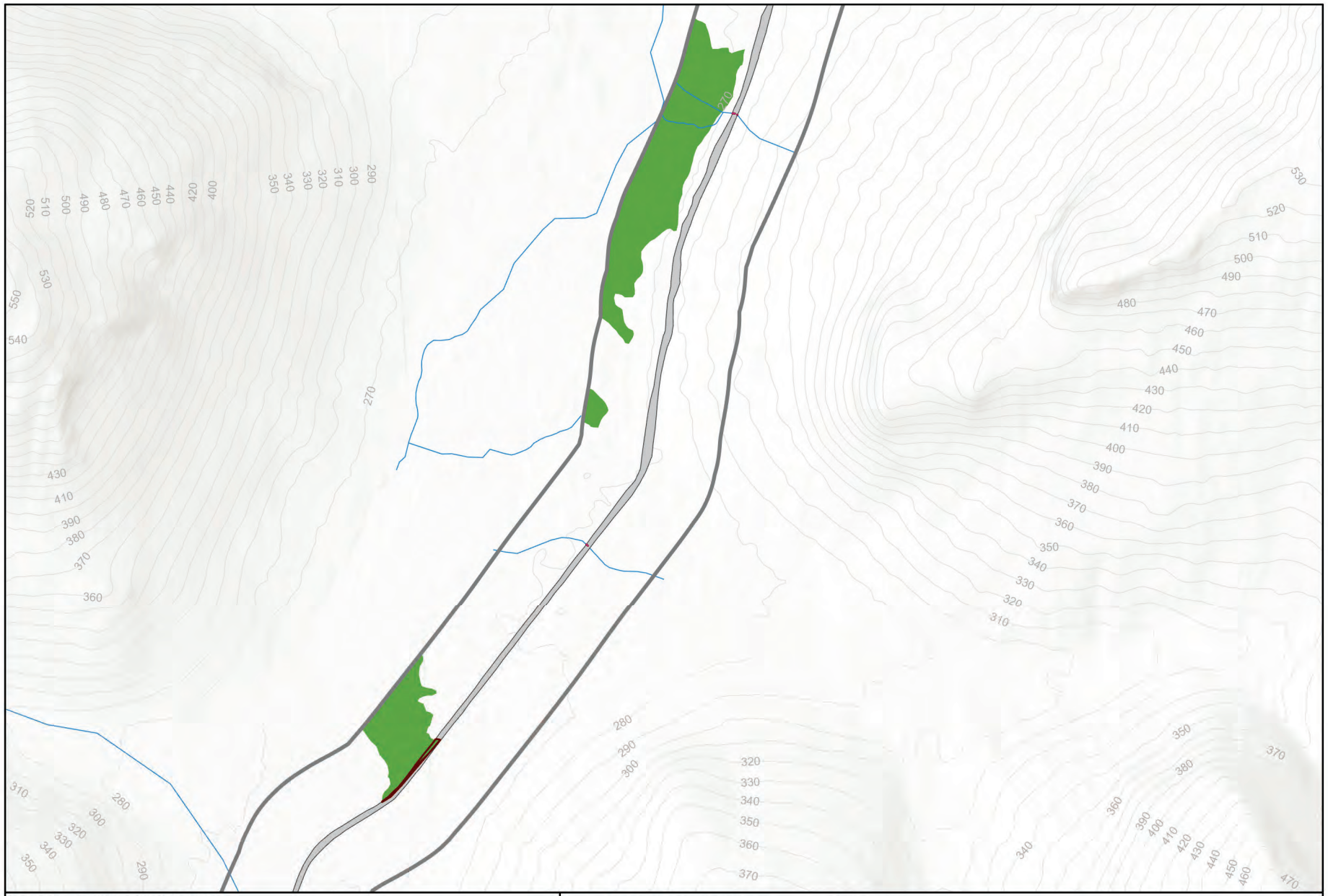


Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 16 of 25 Date: 5/14/2026

- Stream Footprint Impact
- Wetland Footprint Impact
- Project Footprint
- Cut/Fill Limits
- Stream
- Wetland
- Wetland Study Area
- Topographic Contour (10 m)

N

0 500 1,000 Feet

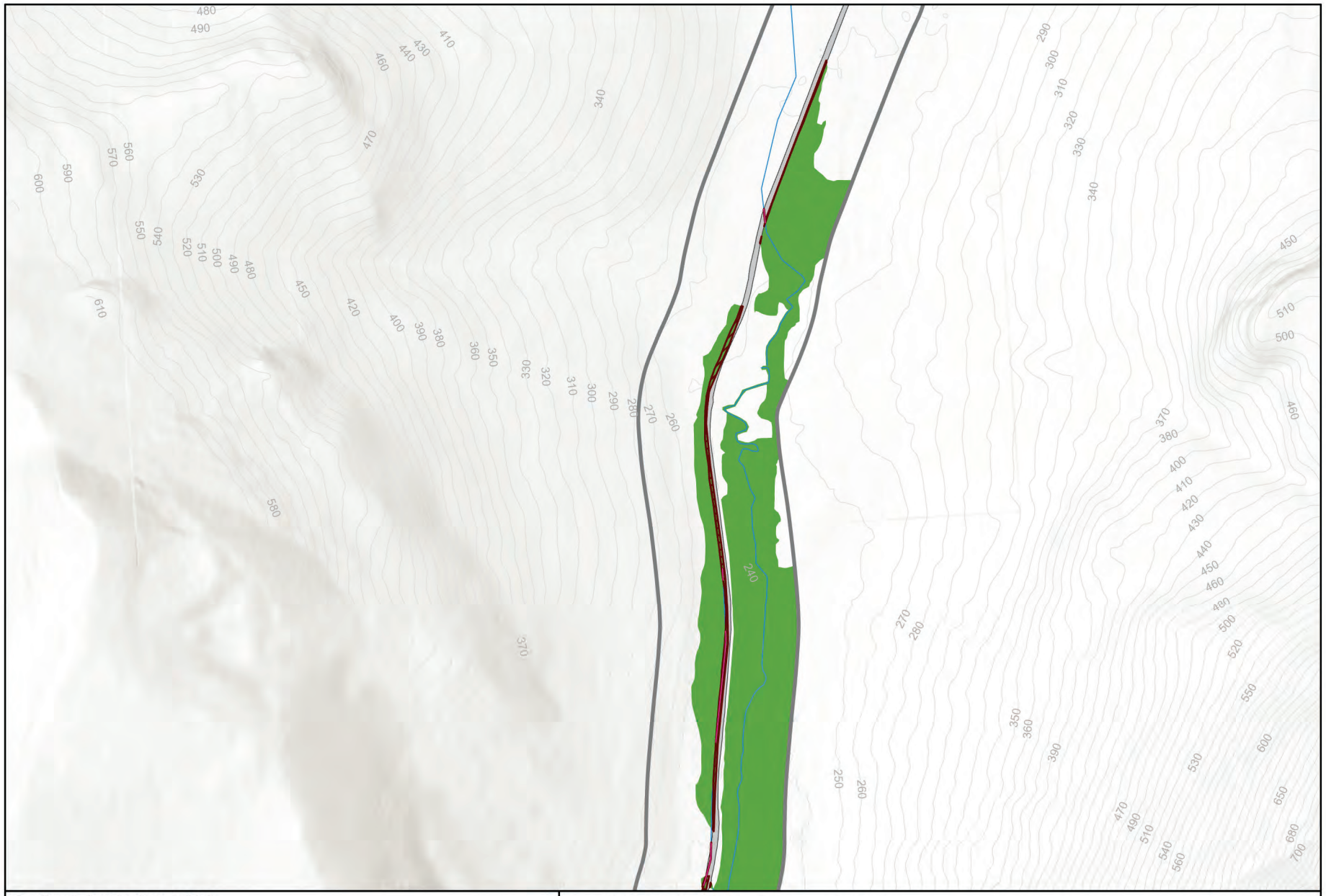


Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 17 of 25 Date: 5/14/2026

Stream Footprint Impact
Wetland Footprint Impact
Project Footprint
Cut/Fill Limits
Stream
Wetland
Wetland Study Area
Topographic Contour (10 m)

N

0 500 1,000 Feet

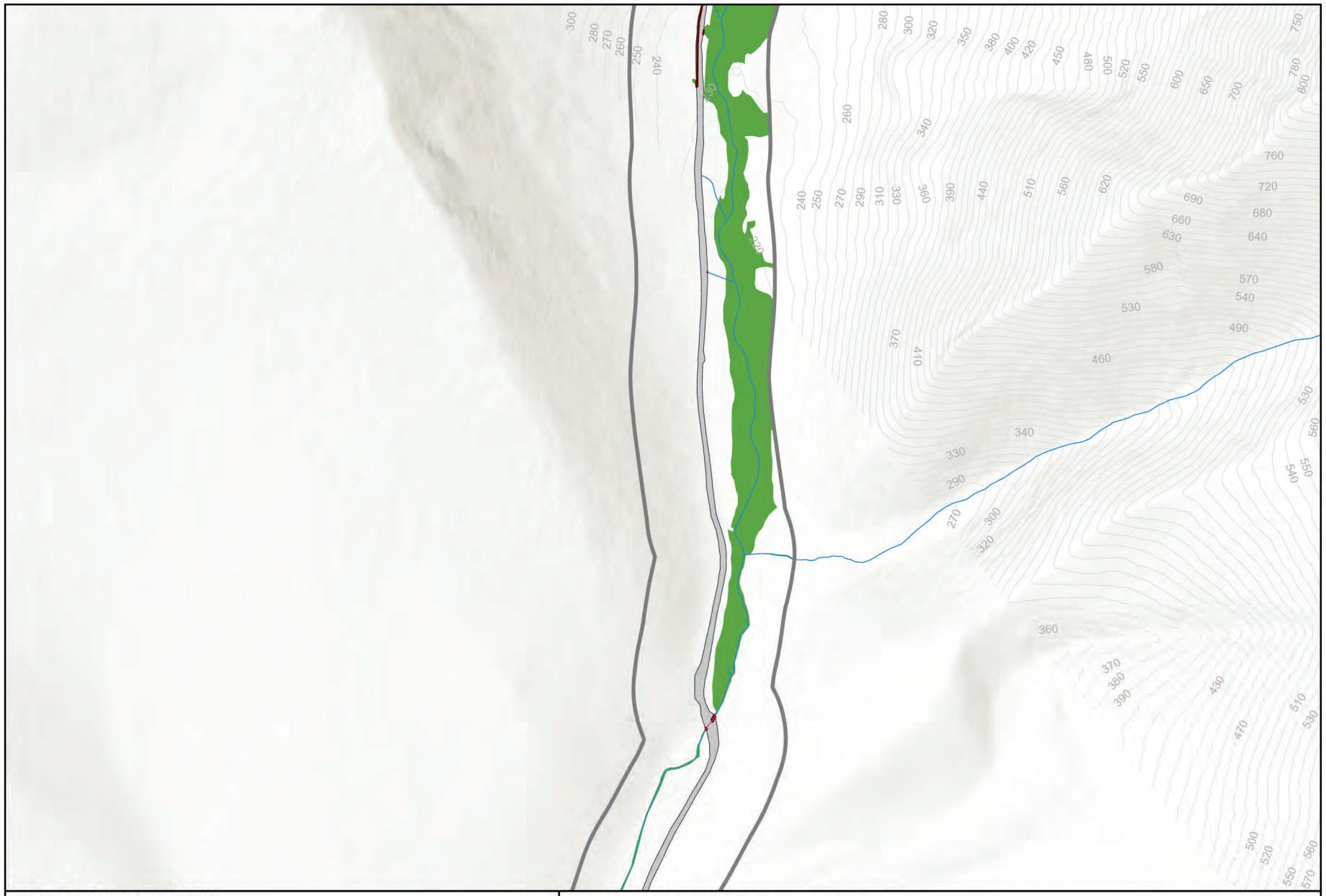


Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
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Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 18 of 25 Date: 5/14/2026

- Stream Footprint Impact
- Wetland Footprint Impact
- Project Footprint
- Cut/Fill Limits
- Stream
- Wetland
- Wetland Study Area
- Topographic Contour (10 m)

N

0 500 1,000 Feet



Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
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Sheet: 19 of 25 Date: 5/14/2026

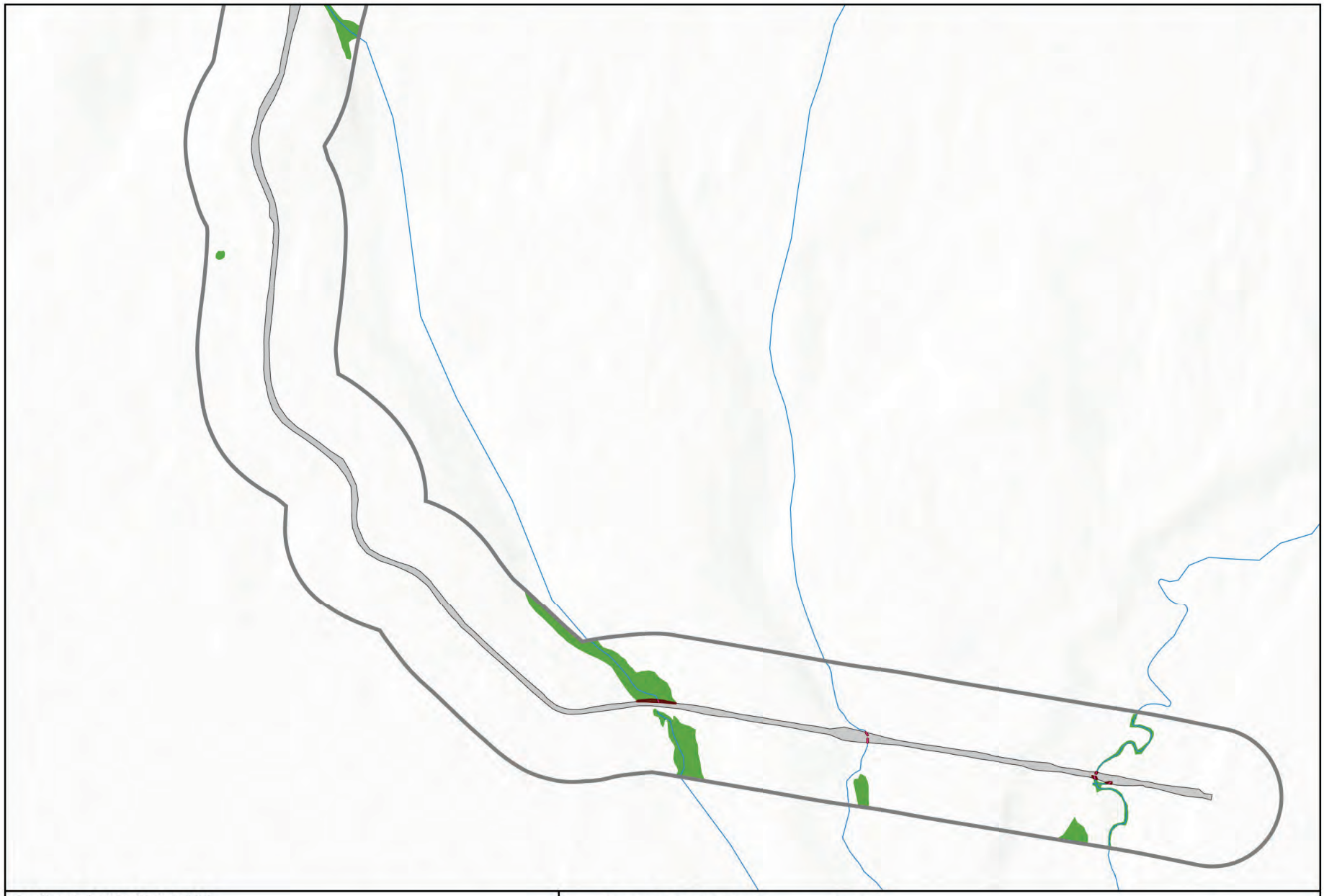


Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 20 of 25 Date: 5/14/2026

Stream Footprint Impact
Wetland Footprint Impact
Project Footprint
Cut/Fill Limits
Stream
Wetland
Wetland Study Area
Topographic Contour (10 m)

N

0 500 1,000 Feet

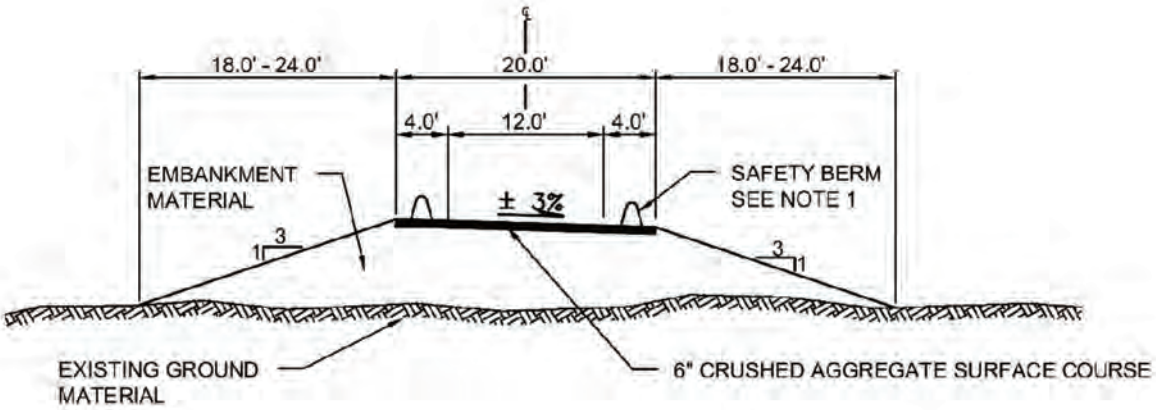


Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 21 of 25 Date: 5/14/2026

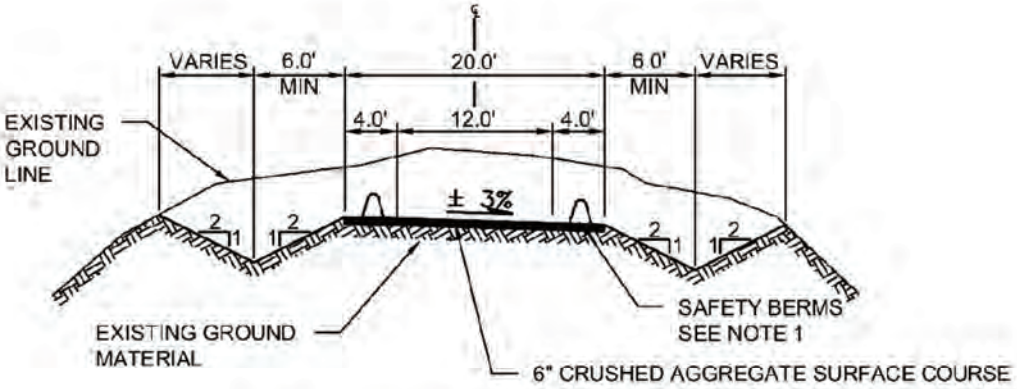
Stream Footprint Impact
Wetland Footprint Impact
Project Footprint
Cut/Fill Limits
Stream
Wetland
Wetland Study Area

N

0 500 1,000 Feet



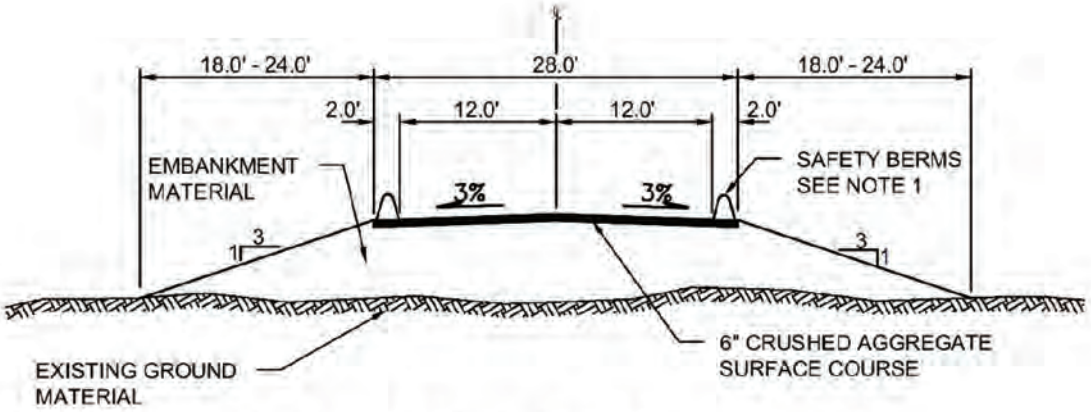
FILL SECTION TYPICAL ONE-LANE ROAD (NTS)



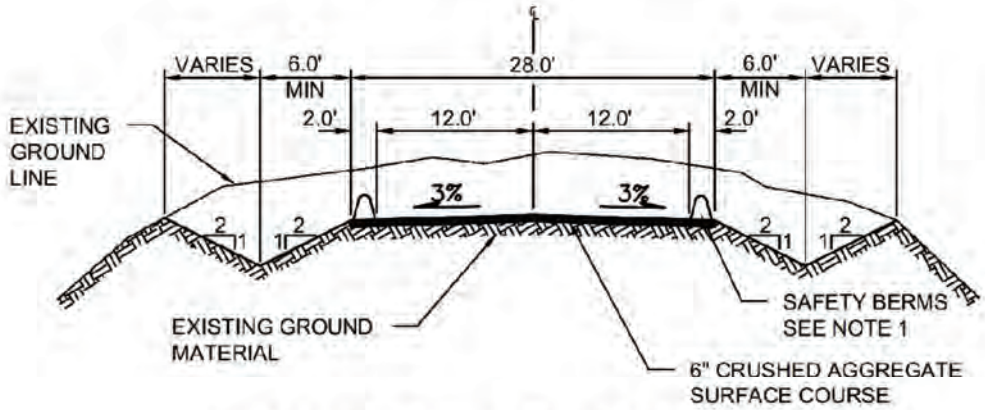
CUT SECTION TYPICAL ONE-LANE ROAD (NTS)

NOTES:
1) EARTHEN SAFETY BERMS ON ONE OR BOTH SIDES AS REQUIRED FOR MSHA COMPLIANCE.
2) ROAD CROSS SLOPE WILL DRAIN TO LOW SIDE.

℄ : CENTERLINE
NTS: NOT TO SCALE



FILL SECTION TYPICAL TWO-LANE ROAD (NTS)

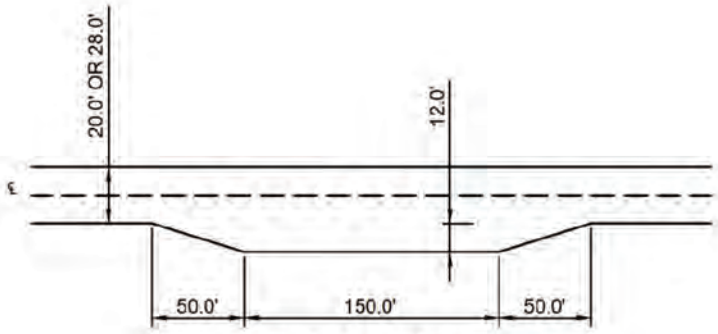


CUT SECTION TYPICAL TWO-LANE ROAD (NTS)

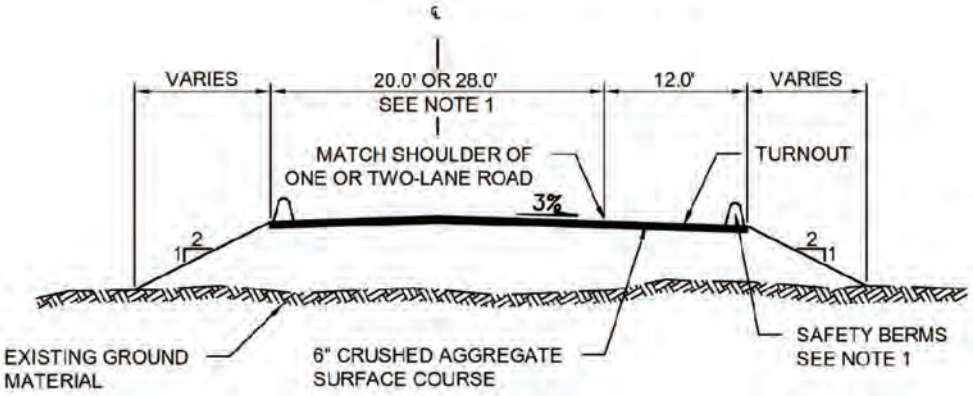
NOTES:
1) EARTHEN SAFETY BERMS ON ONE OR BOTH SIDES AS REQUIRED FOR MSHA COMPLIANCE.

℄ : CENTERLINE

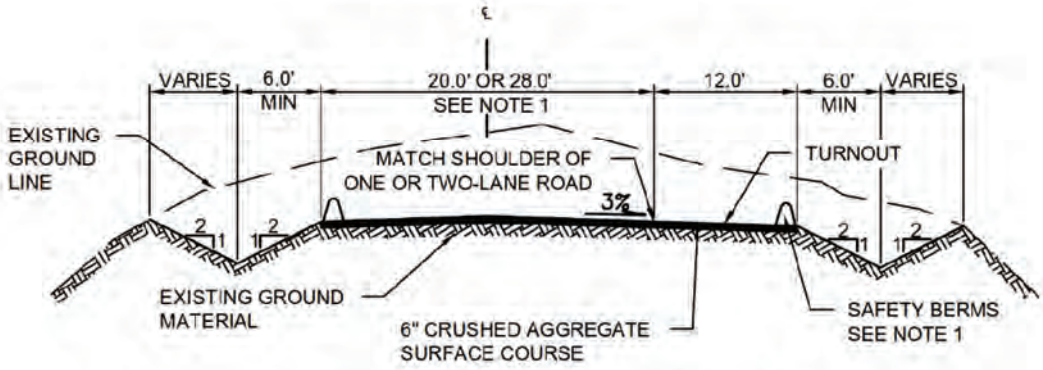
NTS: NOT TO SCALE



TURNOUT PLAN VIEW (NTS)



FILL SECTION TYPICAL WITH TURNOUT (NTS)



CUT SECTION TYPICAL WITH TURNOUT (NTS)

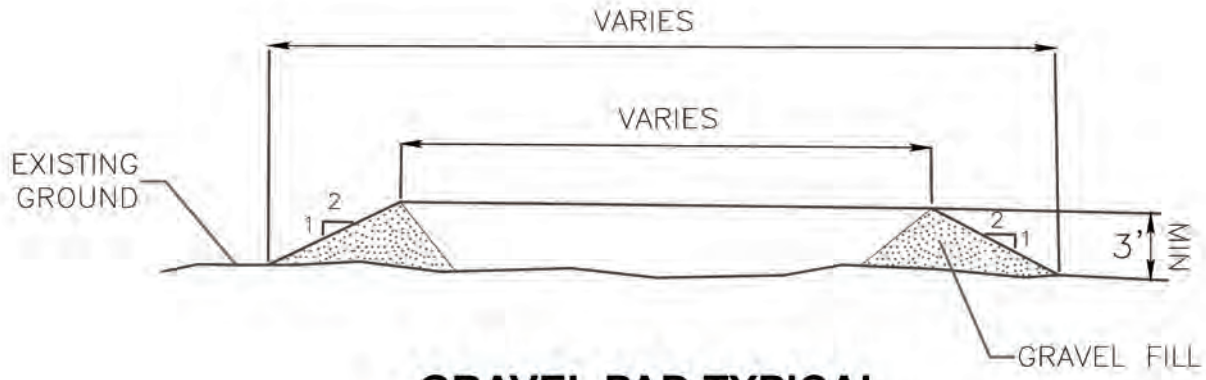
NOTES:

1) TURNOUTS CAN BE USED ON BOTH ONE OR TWO-LANE ROADS. REFER TO FIGURES 4 AND 5 FOR LANE AND SHOULDER DIMENSIONS AND CROSS SLOPES.
2) EARTHEN SAFETY BERMS ON ONE OR BOTH SIDES AS REQUIRED FOR MSHA COMPLIANCE.

℄ : CENTERLINE
NTS: NOT TO SCALE

Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W

Date: 4/17/2026



GRAVEL PAD TYPICAL

NOTE: FILL FOOTPRINT WILL VARY BASED UPON TOPOGRAPHY

Applicant: Ambler Metals LLC
File No.: POA-2019-00081
Waterway: Upper Kobuk River
Proposed Activity: Mining Project
T18N-R9E, T19N-R9E-10E, T20N-R9E-11E, T21N-R10E-11E, Kateel River Meridian
Lat.: 67°10'25.92" N Long.: -156°23'14.82" W
Sheet: 25 of 25 Date: 4/17/2026