Figure 1.6a

LEGEND

Location of Interest
Study Area
Deep-Seated Bedrock Slide
Landslide Hazard

(For Hazard Designation Definitions Refer to Table 1.4 and the Glossary of Terms in the Report)

Low
Moderate
High
Severe

Severe if Deep-Seated Bedrock Slide Fails

Initiation Zone
Runout Zone
Potential Initiation Zone for Deep-Seated Bedrock Slide

Base Data

Index Contour (100 ft)
Intermediate Contour (25 ft)
Road
Land Parcel

NOTES

Engineered slope not evaluated by Tetra Tech for this study.
Base data source:
Contours generated from 2013 LiDAR provided by CBJ.
Additional contours generated from 2012 LiDAR provided by CBJ.
Hydrology and roads obtained from Alaska Department of Natural Resources.
Terrain Classification based on Terrain Classification System for British Columbia, Version 2, 1997.
Primary imagery provided by CBJ, 2013.
Background imagery provided by ESRI; Maxar (2020).

JUNEAU LANDSLIDE AND AVALANCHE ASSESSMENT

Landslide Hazard Designation Mapping

Figure 1.6a
LEGEND

Location of Interest
Study Area
Deep-Seated Bedrock Slide
Landslide Hazard
Landslide Hazard
(For Hazard Designation Definitions Refer to Table 1.4 and the Glossary of Terms in the Report)

Low
Moderate
High
Severe
Severe if Deep-Seated Bedrock Slide Fails

Initiation Zone
Runout Zone
Potential Initiation Zone for Deep-Seated Bedrock Slide

Base Data
- Index Contour (100 ft)
- Intermediate Contour (25 ft)
- Road
- Land Parcel

NOTES
1 Engineered slope not evaluated by Tetra Tech for this study
Base data sources:
- Contours generated from 2013 LiDAR provided by CBJ.
- Additional contours generated from 2012 LiDAR provided by CBJ.
- Hydrology and roads obtained from Alaska Department of Natural Resources.
- Terrain Classification based on Terrain Classification System for British Columbia, Version 5, 1997.
- Primary imagery provided by CBJ.
- Background imagery provided by ESRI, Maxar (2020).

OVERVIEW

JUNEAU LANDSLIDE AND AVALANCHE ASSESSMENT

Landslide Hazard Designation Mapping

Figure 1.6b
LEGEND

Location of Interest
Study Area
Deep-Seated Bedrock Slide
Engineered Slope

Landslide Hazard
(For Hazard Designation Definitions Refer to Table 1.4 and the Glossary of Terms in the Report)

Low
Moderate
High
Severe
Severe if Deep-Seated Bedrock Slide Fails

Initiation Zone
Runout Zone
Potential Initiation Zone for Deep-Seated Bedrock Slide

Base Data
Index Contour (100 ft)
Intermediate Contour (25 ft)
Road
Land Parcel

NOTES
1 Engineered slope not evaluated by Tetra Tech for this study

Base data sources:
Contours generated from 2013 LiDAR provided by CBJ.
Additional contours generated from 2012 LiDAR acquired by CBJ.
Hydrology and roads obtained from Alaska Department of Natural Resources.
Terrain Classification based on Terrain Classification System for British Columbia, Version 2, 1997.
Primary imagery provided by CBJ, 2013.
Background imagery provided by ESRI; Maxar (2020).

Figure 1.6c

OVERVIEW

Landsliding Hazard Designation Mapping

JUNEAU LANDSLIDE AND AVALANCHE ASSESSMENT

Scale: 1:5,000

SL

0

300

150

Feet

JUNEAU LANDSLIDE AND AVALANCHE ASSESSMENT

April 27, 2022
LEGEND

Study Area
Deep-Seated Bedrock Slide
Engineered Slope

Landslide Hazard

(For Hazard Designation Definitions Refer to Table 1.4 and the Glossary of Terms in the Report)

Low
Moderate
High
Severe

Severe if Deep-Seated Bedrock Slide Fails

Initiation Zone

Runout Zone

Potential Initiation Zone for Deep-Seated Bedrock Slide

Base Data

Index Contour (100 ft)
Intermediate Contour (25 ft)
Road
Land Parcel

NOTES

1 Engineered slope not evaluated by Tetra Tech for this study.
Base data source:
Contours generated from 2013 LiDAR provided by CBJ.
Additional contours generated from 2012 LiDAR acquired by CBJ.
Hydrology and roads obtained from Alaska Department of Natural Resources.
Terrain Classification based on Terrain Classification System for British Columbia, Version 9, 1997.
Primary imagery provided by CBJ, 2013.
Background imagery provided by ESRI; Maxar (2020).

JUNEAU LANDSLIDE AND AVALANCHE ASSESSMENT

Landslide Hazard Designation Mapping

projection: State Plane Alaska Zone 1 5001
Units: Feet
Scale: 1:5,000

Figure 1.6d
Figure 1.6e

Landslide Hazard Designation Mapping

LEGEND

- Study Area
- Deep-Seated Bedrock Slide

Landslide Hazard

For Hazard Designation Definitions Refer to Table 1.4 and the Glossary of Terms in the Report:

- Low
- Moderate
- High
- Severe
- Severe if Deep-Seated Bedrock Slide Fails

Initiation Zone

Runout Zone

Potential Initiation Zone for Deep-Seated Bedrock Slide

Base Data

- Index Contour (100 ft)
- Intermediate Contour (25 ft)
- Road
- Land Parcels

NOTES

1. Engineered slope not evaluated by Tetra Tech for this study.
2. Base data sources:
   - Contours generated from 2013 LiDAR provided by CBJ.
   - Additional contours generated from 2012 LiDAR acquired by CBJ.
   - Hydrology and roads obtained from Alaska Department of Natural Resources.
   - Terrain Classification based on Terrain Classification System for British Columbia, Version 2, 1997.
   - Primary imagery provided by CBJ, 2013.
   - Background imagery provided by ESRI; Maxar (2020).

Scale: 1:5,000
**LEGEND**

- **Study Area**
- **Deep-Seated Bedrock Slide**

**Landslide Hazard**

(For Hazard Designation Definitions Refer to Table 1.4 and the Glossary of Terms in the Report)

- **Low**
- **Moderate**
- **High**
- **Severe**
- **Severe if Deep-Seated Bedrock Slide Fails**
- **Potential Initiation Zone for Deep-Seated Bedrock Slide**

**Base Data**

- **Index Contour (100 ft)**
- **Intermediate Contour (25 ft)**
- **Land Parcel**

**NOTES**

1. Engineered slope not evaluated by Tetra Tech for this study.
2. Base data sources:
   - Contours generated from 2013 LiDAR provided by CBJ.
   - Additional contours generated from 2012 LiDAR acquired by CB.
   - Hydrology and roads obtained from Alaska Department of Natural Resources.
   - Terrain Classification based on Terrain Classification System for British Columbia, Version 2, 1997.
   - Primary imagery provided by CBJ, 2013.
   - Background imagery provided by ESRI; Maxar (2020).

**OVERVIEW**

- **JUNEAU LANDSLIDE AND AVALANCHE ASSESSMENT**

**LANDSLIDE HAZARD DESIGNATION MAPPING**
Figure 1.6g

**LEGEND**

- Study Area
- Deep-Seated Bedrock Slide

**Landslide Hazard**

(For Hazard Designation Definitions Refer to Table 1.4 and the Glossary of Terms in the Report)

- Low
- Moderate
- High
- Severe
- Severe if Deep-Seated Bedrock Slide Fails
- Initiation Zone
- Runout Zone
- Potential Initiation Zone for Deep-Seated Bedrock Slide

**Base Data**

- Index Contour (100 ft)
- Intermediate Contour (25 ft)
- Road
- Land Parcel

**NOTES**

1. Engineered slope not evaluated by Tetra Tech for this study.
2. Base data sources:
   - Contours generated from 2013 LiDAR provided by CBJ.
   - Additional contours generated from 2012 LiDAR acquired by CBJ.
   - Hydrology and roads obtained from Alaska Department of Natural Resources.
   - Terrain Classification based on Terrain Classification System for British Columbia, Version 2.0.
   - Primary imagery provided by CBJ, 2013.
   - Background imagery provided by ESRI; Maxar (2020).

**JUNEAU LANDSLIDE AND AVALANCHE ASSESMENT**

Landslide Hazard Designation Mapping

Figure 1.6g
Figure 1.6h

LEGEND

- Location of Interest
- Study Area
- Deep-Seated Bedrock Slide
- Engineered Slope

Landslide Hazard

(For Hazard Designation Definitions Refer to Table 1.4 and the Glossary of Terms in the Report)

- Low
- Moderate
- High
- Severe
- Severe if Deep-Seated Bedrock Slide Fails

- Initiation Zone
- Runout Zone
- Potential Initiation Zone for Deep-Seated Bedrock Slide

Base Data

- Index Contour (100 ft)
- Intermediate Contour (25 ft)
- Road
- Land Parcel

NOTES

1 Engineered slope not evaluated by Tetra Tech for this study

Base data source:
Contours generated from 2013 LiDAR provided by CBJ.
Additional contours generated May 2012 LiDAR acquired by CBJ.
Hydrology and roads obtained from Alaska Department of Natural Resources.
Terrain Classification based on Terrain Classification System for British Columbia, Version 2, 1997.
Primary imagery provided by CBJ, 2013.
Background imagery provided by ESRI, Maxar (2020).

OVERVIEW

Mount Maksu, Decker Hill
Figure 1.6i

Landslide Hazard Designation Mapping

LEGEND

Location of Interest
Deep-Seated Bedrock Slide

Landslide Hazard

(For Hazard Designation Definitions Refer to Table 1.4 and the Glossary of Terms in the Report)

- Low
- Moderate
- High
- Severe
- Severe if Deep-Seated Bedrock Slide Fails

Initiation Zone
Runout Zone

Potential Initiation Zone for Deep-Seated Bedrock Slide

Base Data

- Index Contour (100 ft)
- Intermediate Contour (25 ft)
- Land Parcel

NOTES

Engineered slope not evaluated by Tetra Tech for this study.

Base data source:

Contours generated from 2013 LiDAR provided by CBJ.
Additional contours generated from 2012 LiDAR acquired by CBJ.
Hydrology and roads obtained from Alaska Department of Natural Resources.
Terrain Classification based on Terrain Classification System for British Columbia, Version 2, 1997.
Primary imagery provided by CBJ, 2013.
Background imagery provided by ESRI; Maxar (2020).
Figure 1.6j

Landslide Hazard Designation Mapping

(For Hazard Designation Definitions Refer to Table 1.4 and the Glossary of Terms in the Report)

- **Initiation Zone**
- **Runout Zone**
- **Potential Initiation Zone for Deep-Seated Bedrock Slide**

**Base Data**
- Index Contour (100 ft)
- Intermediate Contour (25 ft)
- Land Parcel

**NOTES**

1. Engineered slope not evaluated by Tetra Tech for this study.
2. Base data sources:
   - Contours generated from 2013 LiDAR provided by CBJ.
   - Additional contours generated from 2012 LiDAR acquired by CBJ.
   - Hydrology and roads obtained from Alaska Department of Natural Resources.
   - Terrain Classification based on Terrain Classification System for British Columbia, Version 2, 1997.
   - Primary imagery provided by CBJ, 2013.
   - Background imagery provided by ESRI; Maxar (2020).