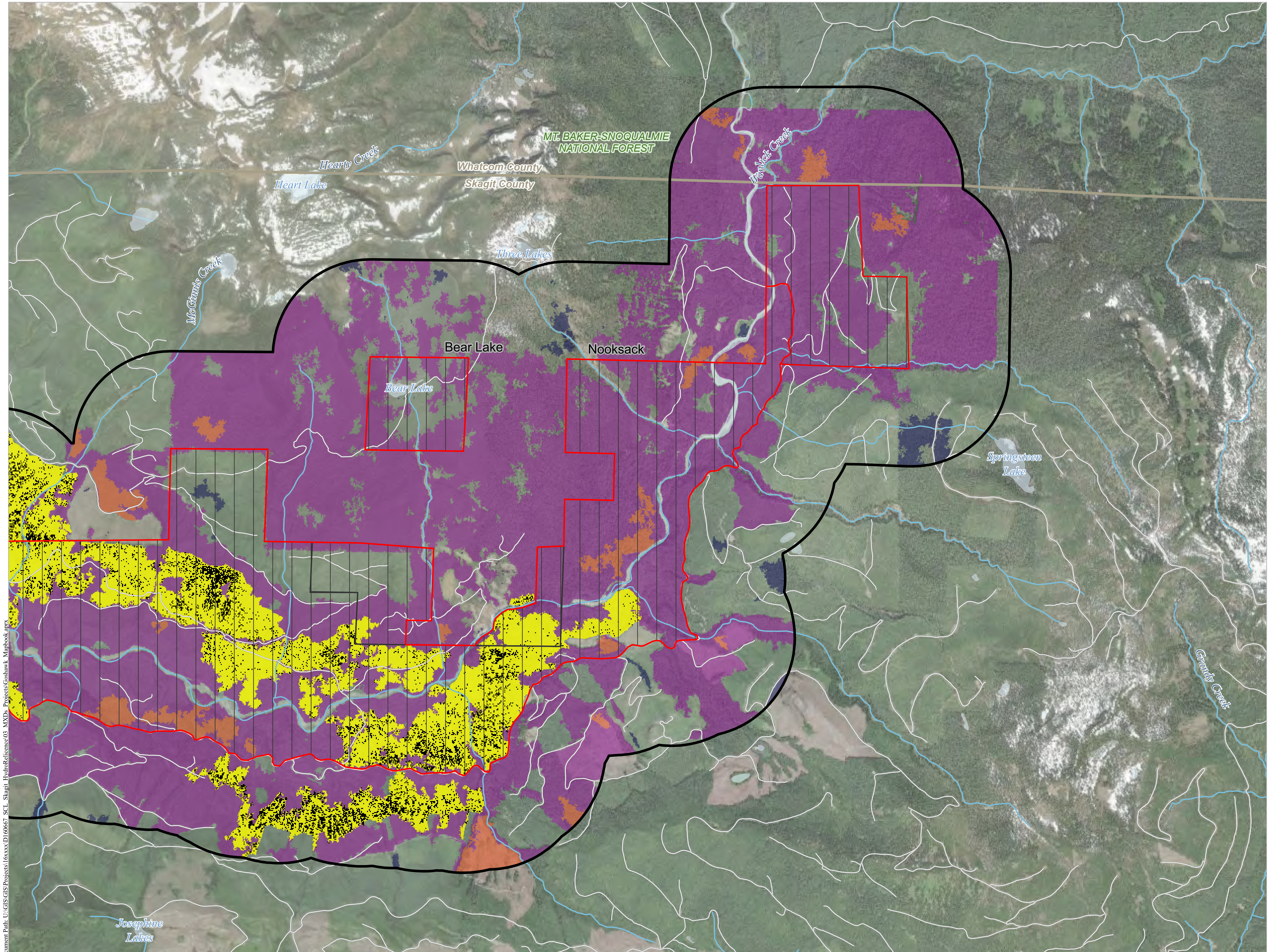
TR-07 POTENTIAL SUITABLE GOSHAWK NESTING HABITAT MAPBOOK



- FERC Project Boundary
- Mitigation Parcel
- Other Road
- Goshawk Study Area

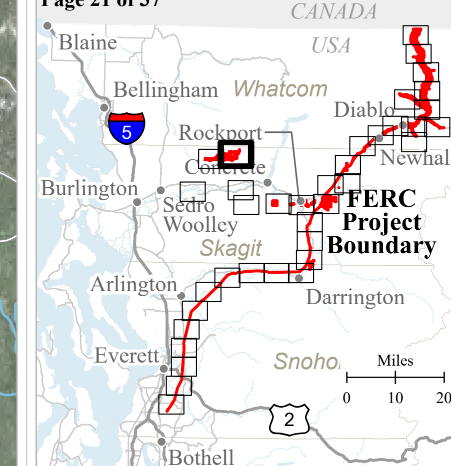
Suitable Nesting Habitat Tiers*

- Tier 1 – PFA forest height (mean tree height > 20 feet)
- Tier 2 – PFA stand size (area ≥ 69 acres)
- Tier 3 – Nest tree height (mean tree height ≥ 75 feet)
- Tier 4 – Nest stand size (core nest area ≥ 38 acres) = Potentially Suitable Goshawk Nesting Habitat
- Trees ≥ 113 feet within Tier 4

*Each tier builds on the previous tier. For example, Tier 2 includes Tier 1, Tier 3 includes 2 and 1. Tier 4 is the combination of Tiers 1 - 3.

N

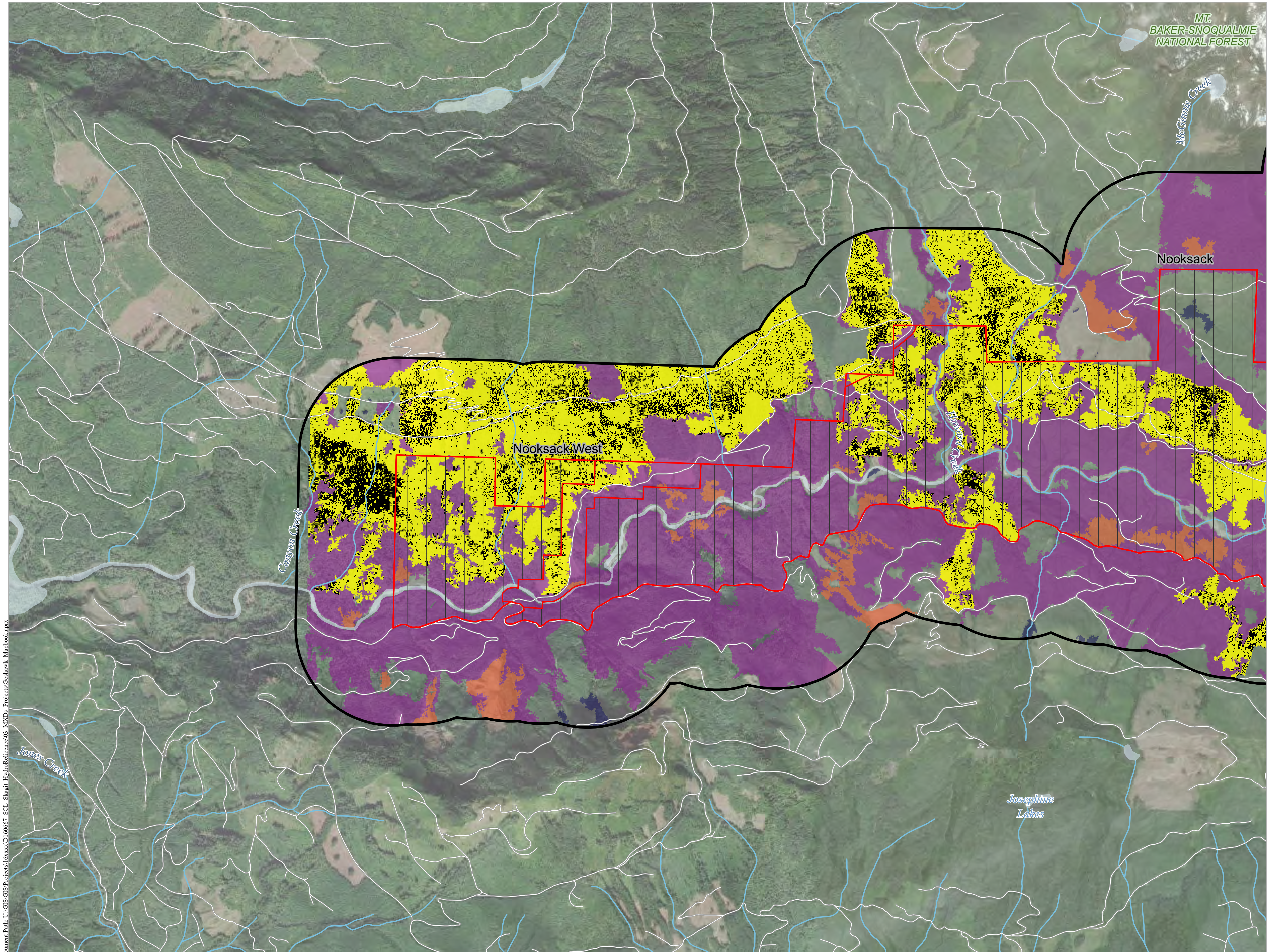
0 1,000 2,000 Feet



Seattle City Light

SKAGIT RIVER HYDROELECTRIC PROJECT (FERC NO. 553)

Data Source: [NAIP, 2015; NPS, 2020; SCL, 2020].

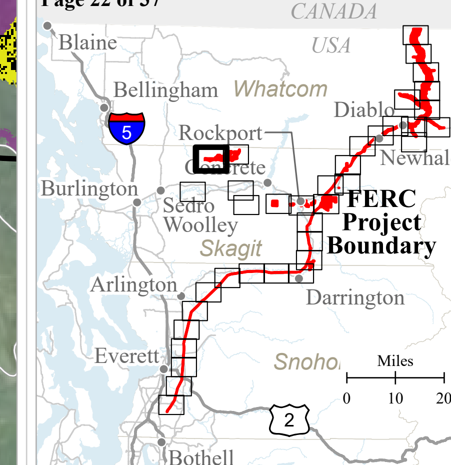


TR-07 POTENTIAL SUITABLE GOSHAWK NESTING HABITAT MAPBOOK

FERC Project Boundary
Mitigation Parcel
Other Road
Goshawk Study Area
Suitable Nesting Habitat Tiers*
Tier 1 – PFA forest height (mean tree height > 20 feet)
Tier 2 – PFA stand size (area ≥ 69 acres)
Tier 3 – Nest tree height (mean tree height ≥ 75 feet)
Tier 4 – Nest stand size (core nest area ≥ 38 acres) = Potentially Suitable Goshawk Nesting Habitat
Trees ≥ 113 feet within Tier 4

*Each tier builds on the previous tier. For example, Tier 2 includes Tier 1, Tier 3 includes 2 and 1. Tier 4 is the combination of Tiers 1 - 3.

N
0 1,000 2,000 Feet



Seattle City Light

SKAGIT RIVER HYDROELECTRIC PROJECT (FERC NO. 553)

TR-07 POTENTIAL SUITABLE GOSHAWK NESTING HABITAT MAPBOOK

- Mitigation Parcel
- Project River Miles
- Project River Centerline
- Secondary Highway
- Other Road
- Goshawk Study Area

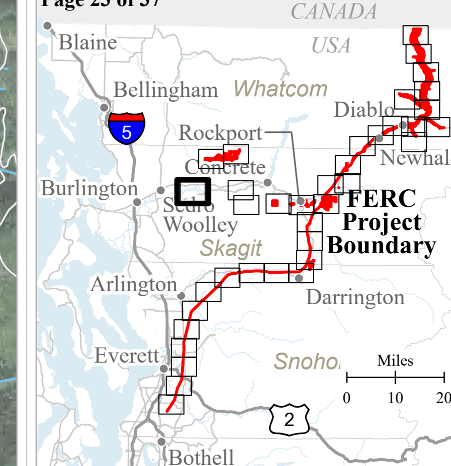
Suitable Nesting Habitat Tiers*

- Tier 1 – PFA forest height (mean tree height > 20 feet)

*Each tier builds on the previous tier. For example, Tier 2 includes Tier 1, Tier 3 includes 2 and 1. Tier 4 is the combination of Tiers 1 - 3.

N

0 1,000 2,000 Feet

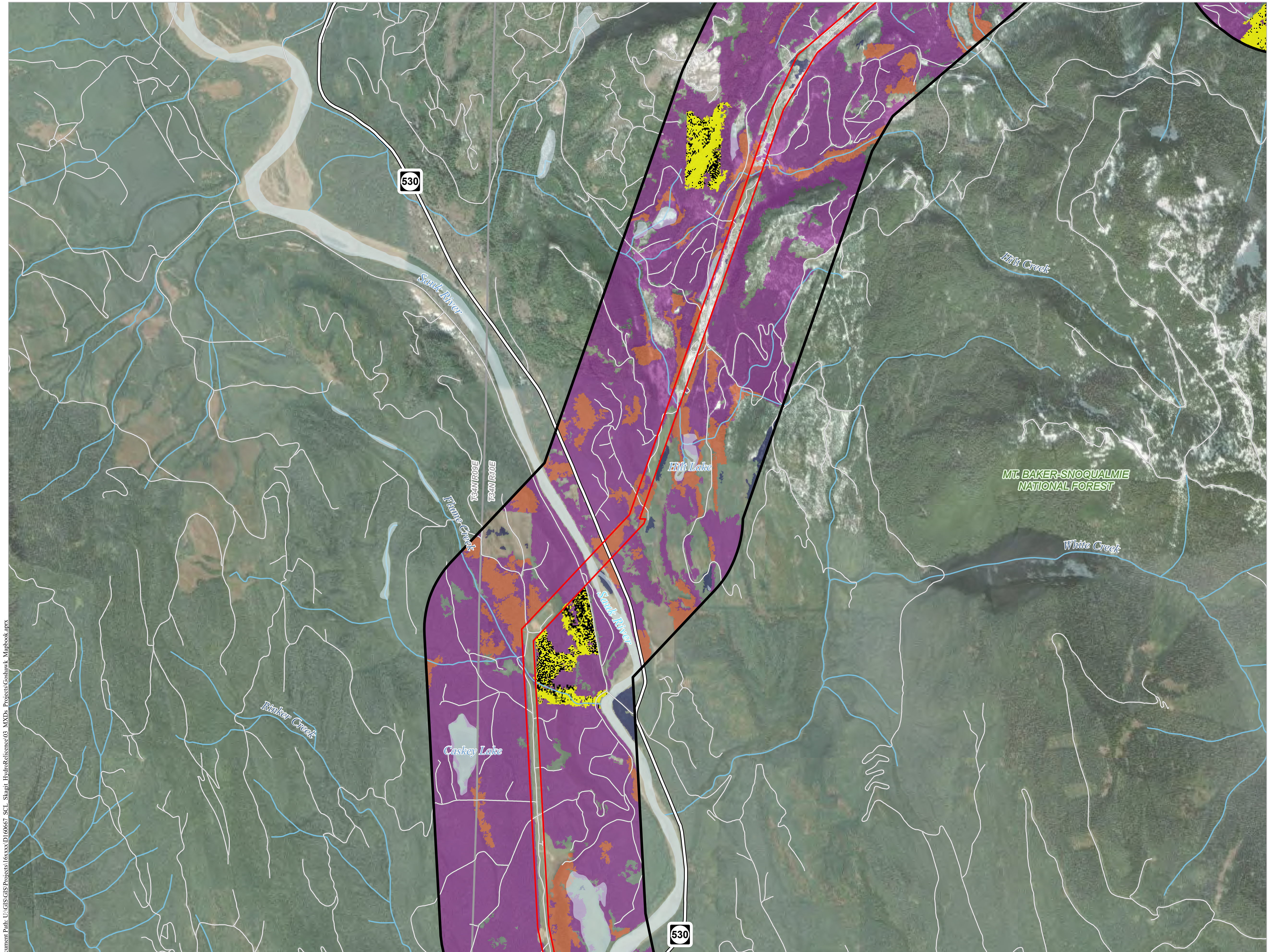


Seattle City Light

SKAGIT RIVER HYDROELECTRIC PROJECT (FERC NO. 553)

Created on 12/29/2021 by ESA for Seattle City Light.
City Light provides no warranty, expressed or implied, as to the accuracy, reliability or completeness of this data.
Data Source: [NAIP, 2015; NPS, 2020; SCL, 2020].

Document Path: U:\GIS\GIS\Projects\16xxxx\D160667_SCL_Skagit_HydroRelicence\03_MXDs_Projects\Goshawk_Mapbook.aprx

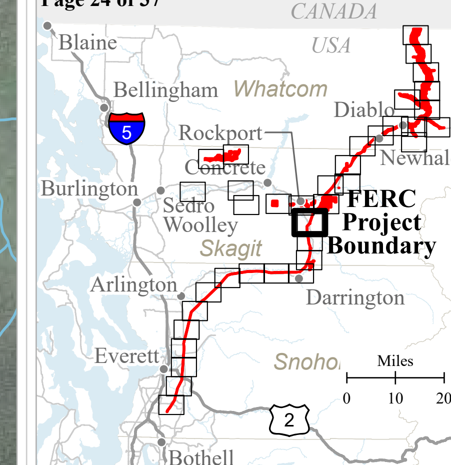


TR-07 POTENTIAL SUITABLE GOSHAWK NESTING HABITAT MAPBOOK

FERC Project Boundary
Secondary Highway
Other Road
Goshawk Study Area
Suitable Nesting Habitat Tiers*
Tier 1 – PFA forest height (mean tree height > 20 feet)
Tier 2 – PFA stand size (area ≥ 69 acres)
Tier 3 – Nest tree height (mean tree height ≥ 75 feet)
Tier 4 – Nest stand size (core nest area ≥ 38 acres) = Potentially Suitable Goshawk Nesting Habitat
Trees ≥ 113 feet within Tier 4

*Each tier builds on the previous tier. For example, Tier 2 includes Tier 1, Tier 3 includes 2 and 1. Tier 4 is the combination of Tiers 1 - 3.

N
0 1,000 2,000 Feet

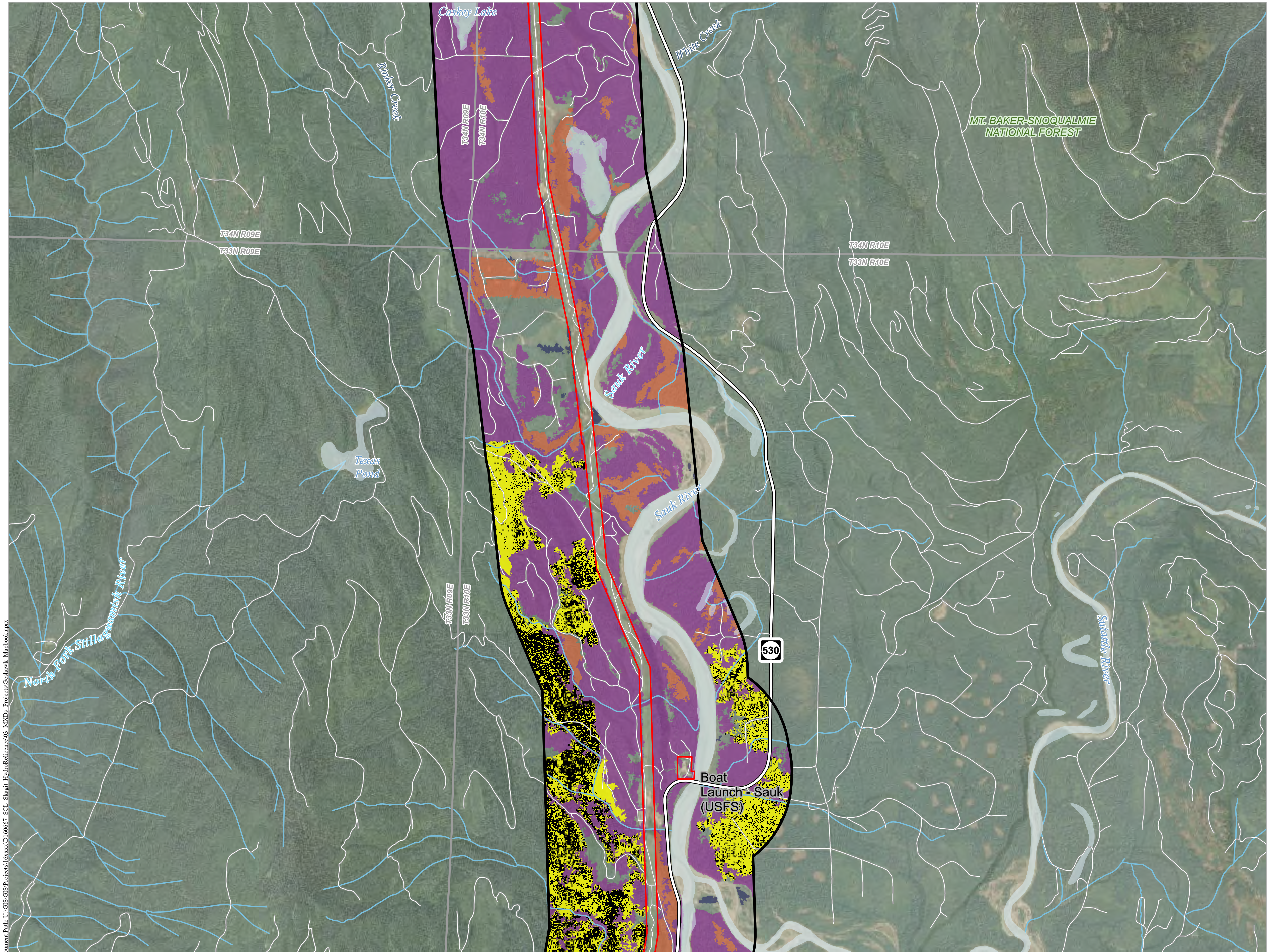


Seattle City Light

SKAGIT RIVER HYDROELECTRIC PROJECT (FERC NO. 553)

Created on 12/29/2021 by ESA for Seattle City Light.
City Light provides no warranty, expressed or implied, as to the accuracy, reliability or completeness of this data.
Data Source: [NAIP, 2015; NPS, 2020; SCL, 2020].

Document Path: U:\GIS\GIS\Projects\16xxxx\D160667_SCL_Skagit_HydroRelicence\03_MXDs_Projects\Goshawk_Mapbook.aprx



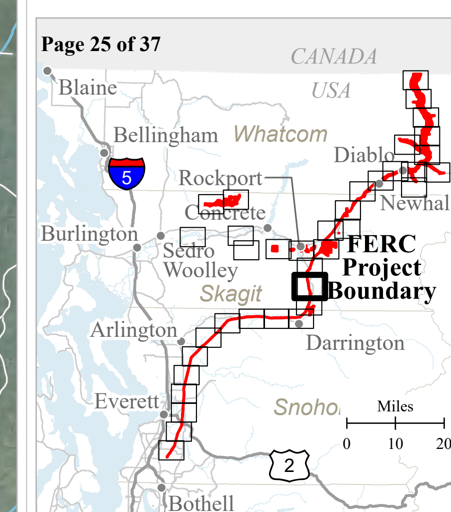
TR-07 POTENTIAL SUITABLE GOSHAWK NESTING HABITAT MAPBOOK

FERC Project Boundary
Secondary Highway
Other Road
Goshawk Study Area
Suitable Nesting Habitat Tiers*
Tier 1 – PFA forest height (mean tree height > 20 feet)
Tier 2 – PFA stand size (area ≥ 69 acres)
Tier 3 – Nest tree height (mean tree height ≥ 75 feet)
Tier 4 – Nest stand size (core nest area ≥ 38 acres) = Potentially Suitable Goshawk Nesting Habitat
Trees ≥ 113 feet within Tier 4

*Each tier builds on the previous tier. For example, Tier 2 includes Tier 1, Tier 3 includes 2 and 1. Tier 4 is the combination of Tiers 1 - 3.

N

0 1,000 2,000 Feet



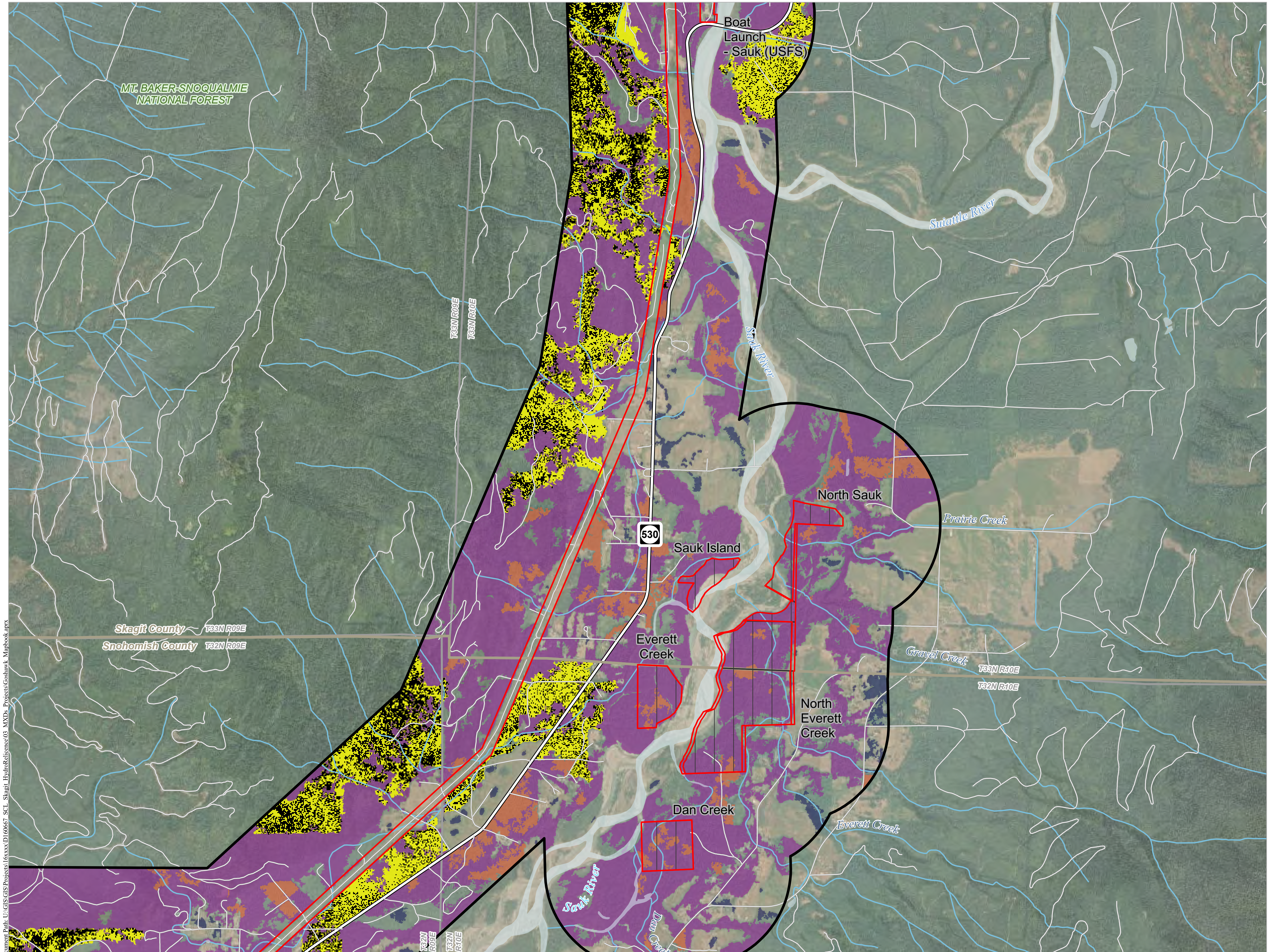
Seattle City Light

SKAGIT RIVER HYDROELECTRIC PROJECT (FERC NO. 553)

Created on 12/29/2021 by ESA for Seattle City Light.
City Light provides no warranty, expressed or implied, as to the accuracy, reliability or completeness of this data.
Data Source: [NAIP, 2015; NPS, 2020; SCL, 2020].

Document Path: U:\GIS\GIS\Projects\16xxxx\D160667_SCL_Skagit_HydroRelicence\03_MXDs_Projects\Goshawk_Mapbook.aprx

TR-07 POTENTIAL SUITABLE GOSHAWK NESTING HABITAT MAPBOOK



- FERC Project Boundary
- Mitigation Parcel
- Secondary Highway
- Other Road
- Goshawk Study Area

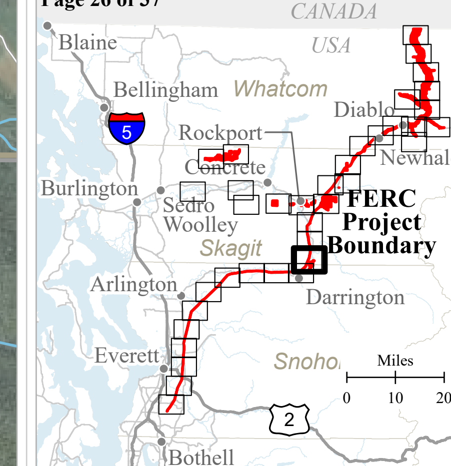
Suitable Nesting Habitat Tiers*

- Tier 1 – PFA forest height (mean tree height > 20 feet)
- Tier 2 – PFA stand size (area ≥ 69 acres)
- Tier 3 – Nest tree height (mean tree height ≥ 75 feet)
- Tier 4 – Nest stand size (core nest area ≥ 38 acres) = Potentially Suitable Goshawk Nesting Habitat
- Trees ≥ 113 feet within Tier 4

*Each tier builds on the previous tier. For example, Tier 2 includes Tier 1, Tier 3 includes 2 and 1. Tier 4 is the combination of Tiers 1 - 3.

N

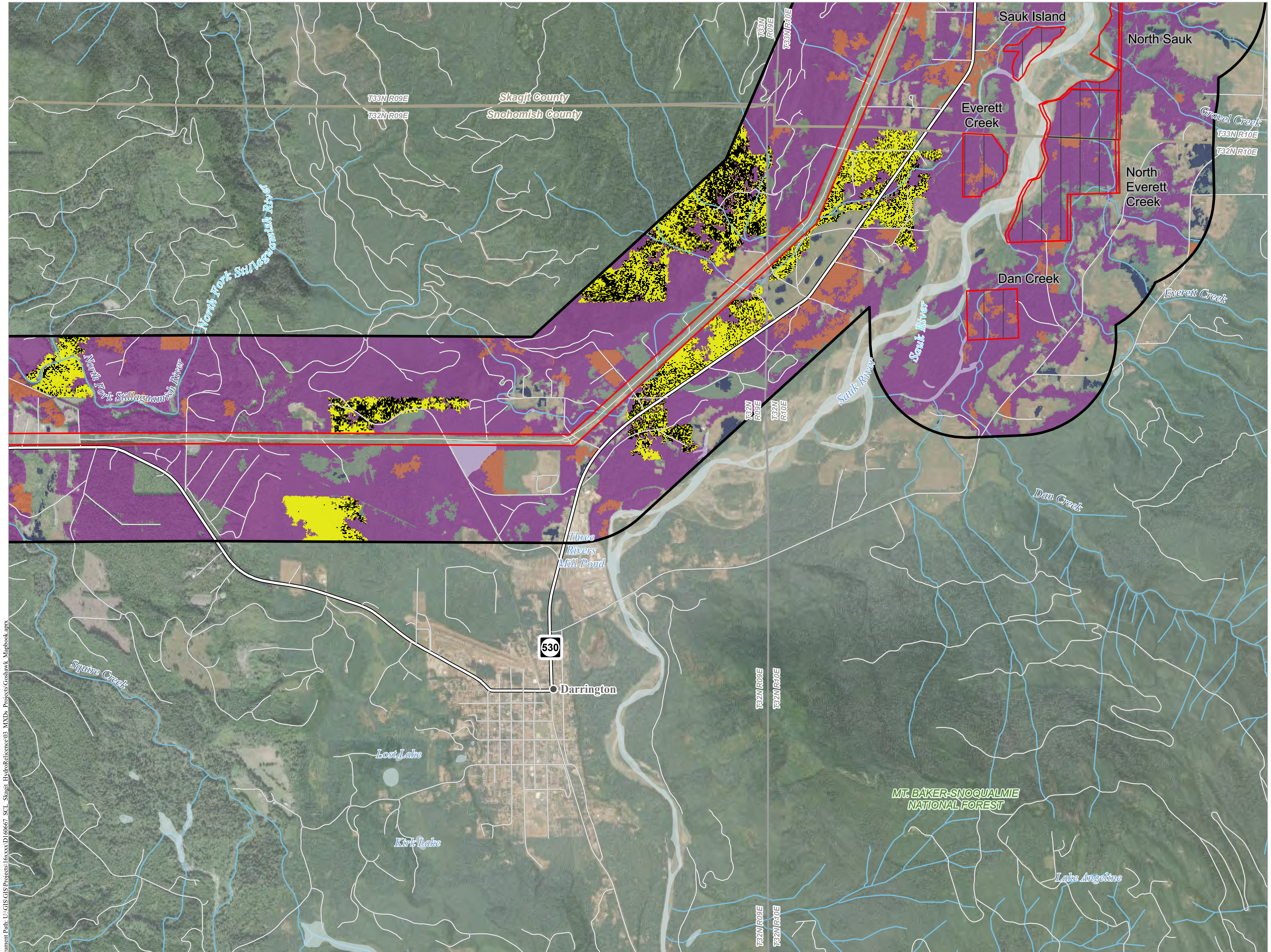
0 1,000 2,000 Feet



Seattle City Light

SKAGIT RIVER HYDROELECTRIC PROJECT (FERC NO. 553)

Created on 12/29/2021 by ESA for Seattle City Light.
City Light provides no warranty, expressed or implied, as to the accuracy, reliability or completeness of this data.
Data Source: [NAIP, 2015; NPS, 2020; SCL, 2020].



TR-07 POTENTIAL SUITABLE GOSHAWK NESTING HABITAT MAPBOOK

- FERC Project Boundary
- Mitigation Parcel
- Secondary Highway
- Other Road
- Goshawk Study Area

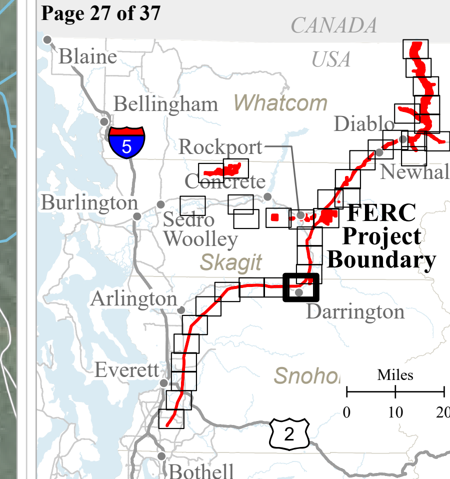
Suitable Nesting Habitat Tiers*

- Tier 1 – PFA forest height (mean tree height > 20 feet)
- Tier 2 – PFA stand size (area ≥ 69 acres)
- Tier 3 – Nest tree height (mean tree height ≥ 75 feet)
- Tier 4 – Nest stand size (core nest area ≥ 38 acres) = Potentially Suitable Goshawk Nesting Habitat
- Trees ≥ 113 feet within Tier 4

*Each tier builds on the previous tier. For example, Tier 2 includes Tier 1, Tier 3 includes 2 and 1. Tier 4 is the combination of Tiers 1 - 3.

N

0 1,000 2,000 Feet

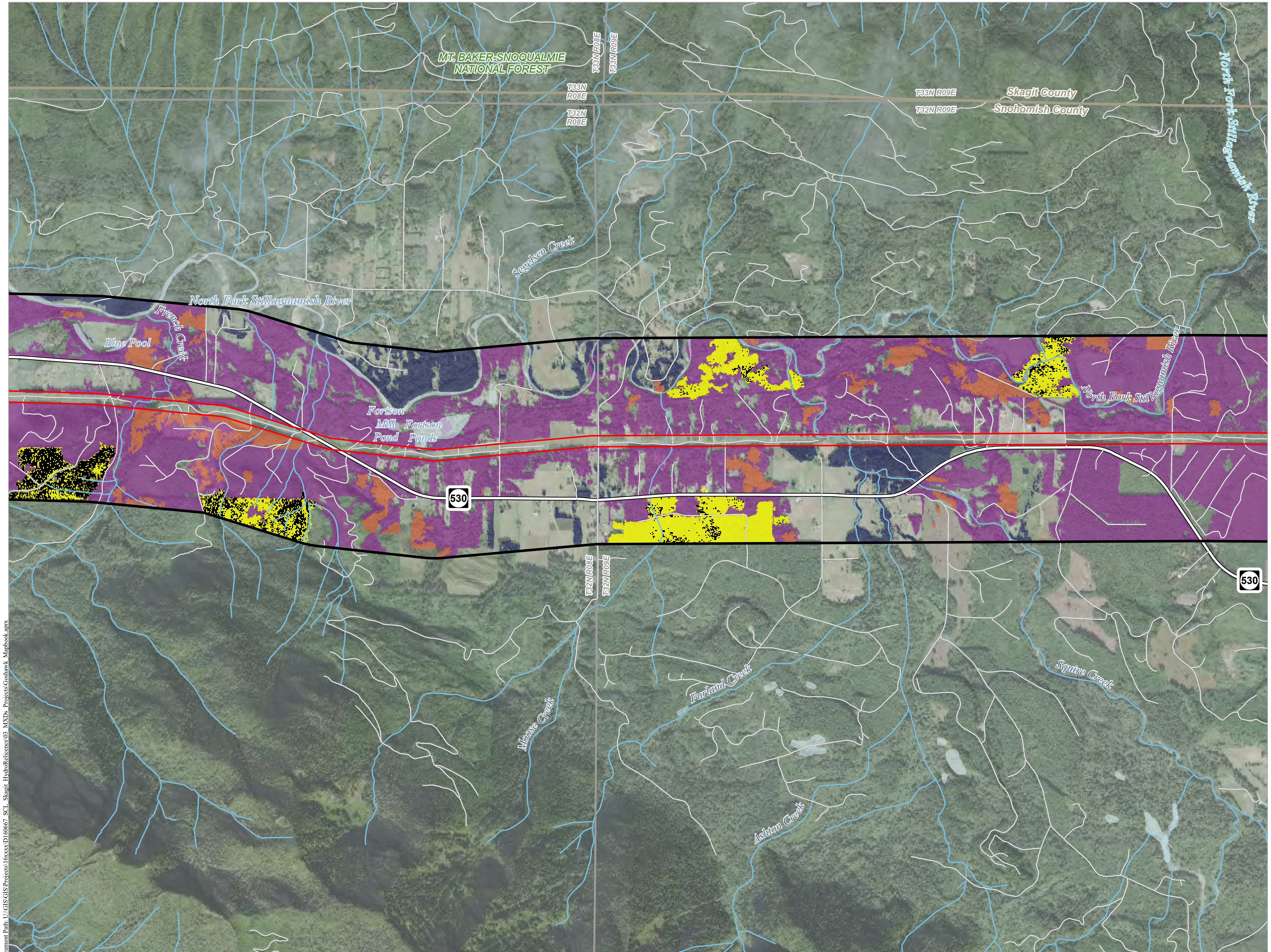


Seattle City Light

SKAGIT RIVER HYDROELECTRIC PROJECT (FERC NO. 553)

Created on 12/29/2021 by ESA for Seattle City Light.
City Light provides no warranty, expressed or implied, as to the accuracy, reliability or completeness of this data.
Data Source: [NAIP, 2015; NPS, 2020; SCL, 2020].

Document Path: U:\GIS\GIS\Projects\16xxxx\D160667_SCL_Skagit_HydroRelicence\03_MXDs_Projects\Goshawk_Mapbook.aprx

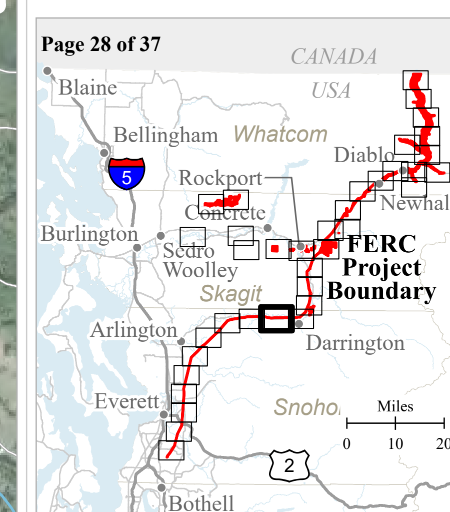


TR-07 POTENTIAL SUITABLE GOSHAWK NESTING HABITAT MAPBOOK

FERC Project Boundary
Secondary Highway
Other Road
Goshawk Study Area
Suitable Nesting Habitat Tiers*
Tier 1 – PFA forest height (mean tree height > 20 feet)
Tier 2 – PFA stand size (area ≥ 69 acres)
Tier 3 – Nest tree height (mean tree height ≥ 75 feet)
Tier 4 – Nest stand size (core nest area ≥ 38 acres) = Potentially Suitable Goshawk Nesting Habitat
Trees ≥ 113 feet within Tier 4

*Each tier builds on the previous tier. For example, Tier 2 includes Tier 1, Tier 3 includes 2 and 1. Tier 4 is the combination of Tiers 1 - 3.

N
0 1,000 2,000 Feet

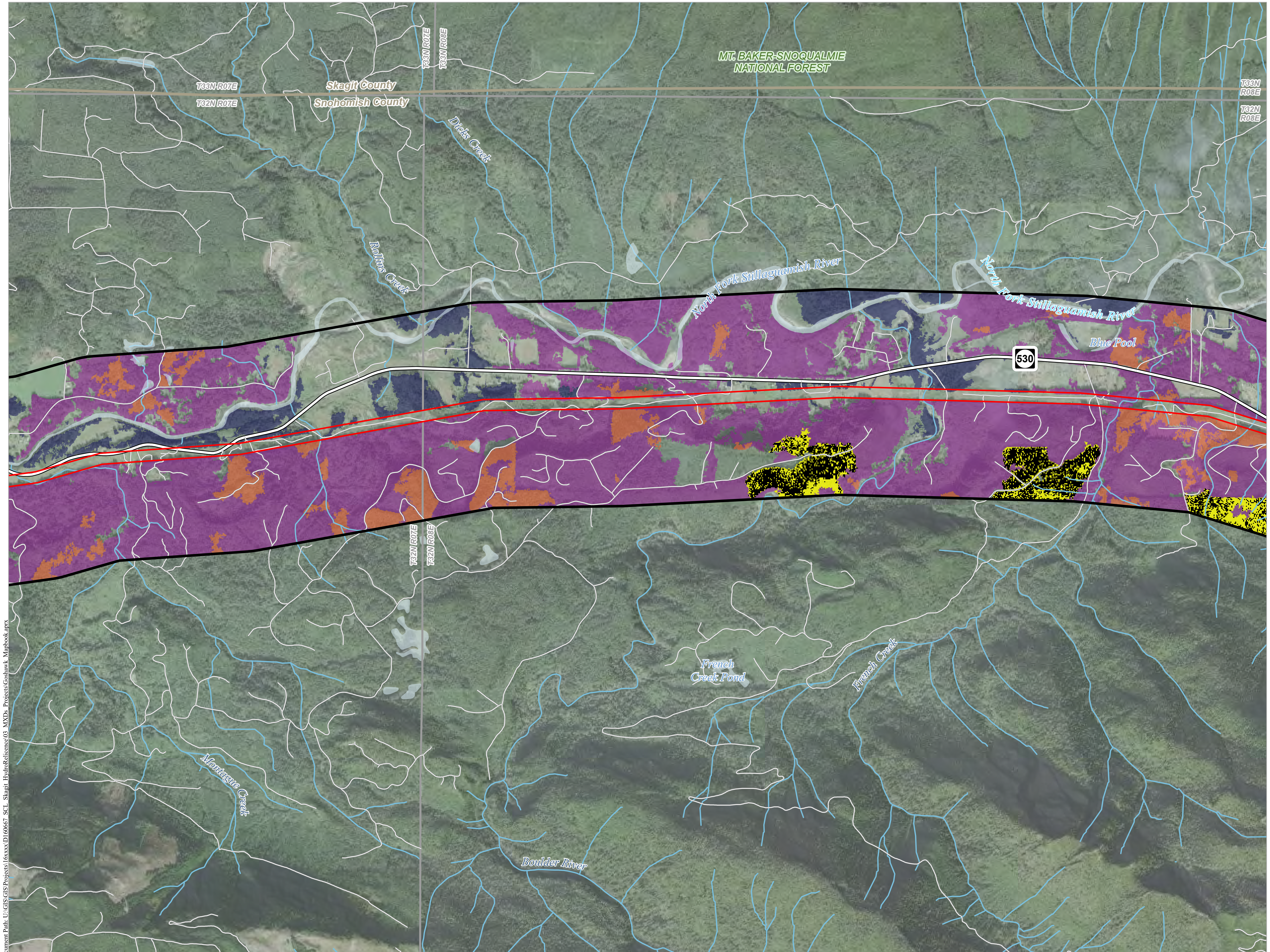


Seattle City Light

SKAGIT RIVER HYDROELECTRIC PROJECT (FERC NO. 553)

Created on 12/29/2021 by ESA for Seattle City Light.
City Light provides no warranty, expressed or implied, as to the accuracy, reliability or completeness of this data.
Data Source: [NAIP, 2015; NPS, 2020; SCL, 2020].

Document Path: U:\GIS\GIS\Projects\16xxxx\D160667_SCL_Skagit_HydroRelicence\03_MXDs_Projects\Goshawk_Mapbook.aprx



TR-07 POTENTIAL SUITABLE GOSHAWK NESTING HABITAT MAPBOOK

- FERC Project Boundary
- Secondary Highway
- Other Road
- Goshawk Study Area

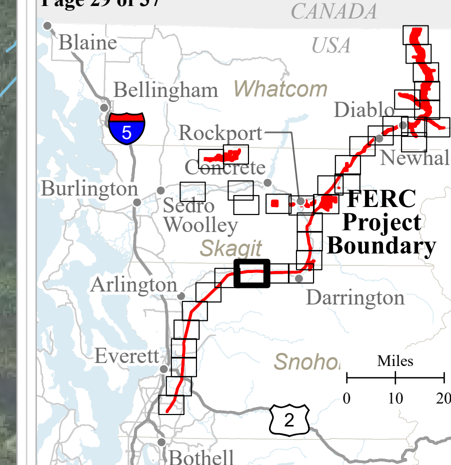
Suitable Nesting Habitat Tiers*

- Tier 1 – PFA forest height (mean tree height > 20 feet)
- Tier 2 – PFA stand size (area ≥ 69 acres)
- Tier 3 – Nest tree height (mean tree height ≥ 75 feet)
- Tier 4 – Nest stand size (core nest area ≥ 38 acres) = Potentially Suitable Goshawk Nesting Habitat
- Trees ≥ 113 feet within Tier 4

*Each tier builds on the previous tier. For example, Tier 2 includes Tier 1, Tier 3 includes 2 and 1. Tier 4 is the combination of Tiers 1 - 3.

N

0 1,000 2,000 Feet

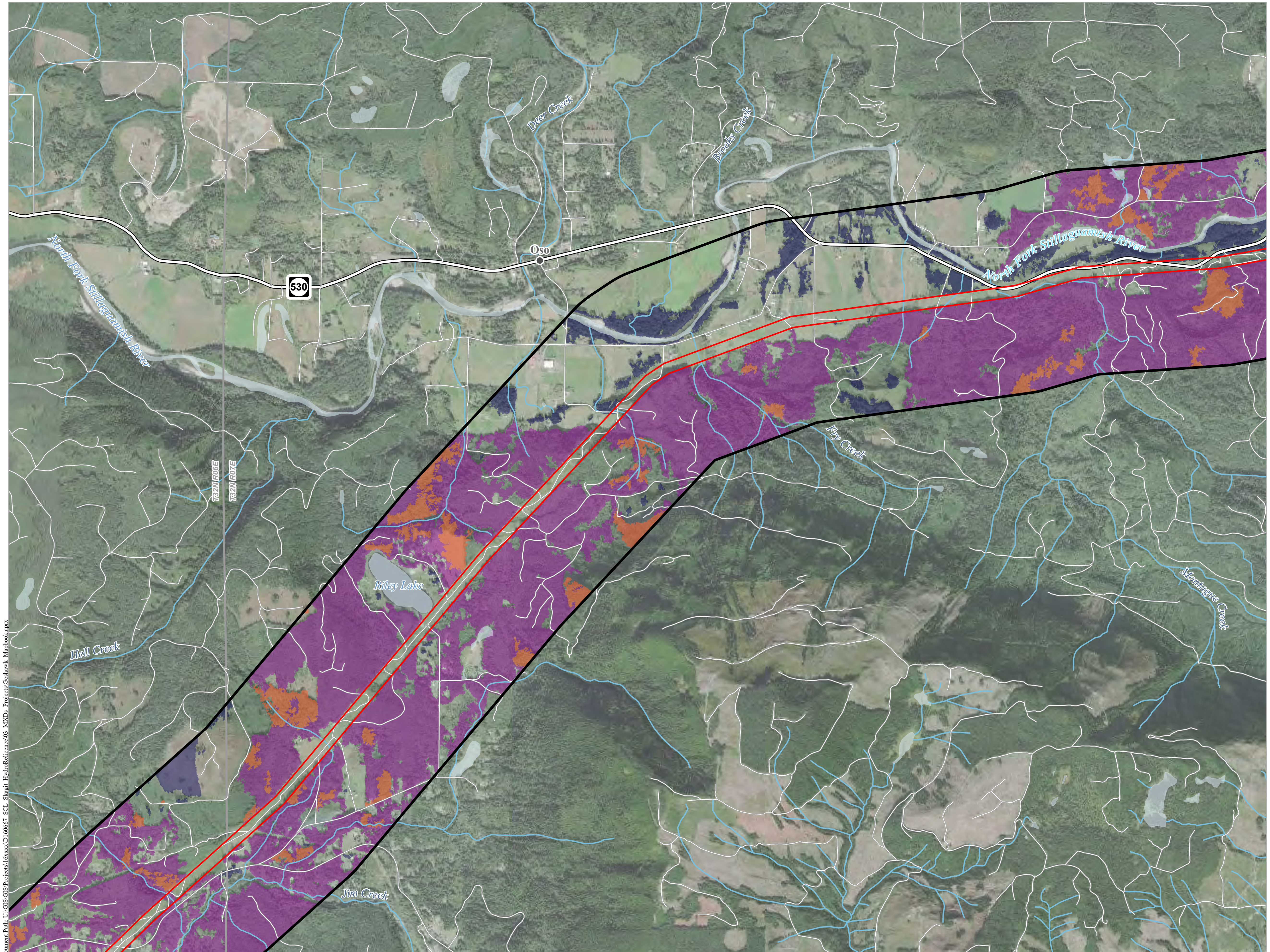


Seattle City Light

SKAGIT RIVER HYDROELECTRIC PROJECT (FERC NO. 553)

Created on 12/29/2021 by ESA for Seattle City Light.
City Light provides no warranty, expressed or implied, as to the accuracy, reliability or completeness of this data.
Data Source: [NAIP, 2015; NPS, 2020; SCL, 2020].

Document Path: U:\GIS\GIS\Projects\16xxxx\D160667_SCL_Skagit_HydroRelicense\03_MXDs_Projects\Goshawk_Mapbook.aprx

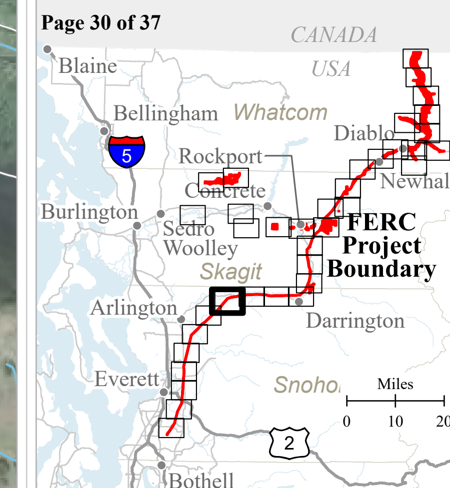


TR-07 POTENTIAL SUITABLE GOSHAWK NESTING HABITAT MAPBOOK

FERC Project Boundary
Secondary Highway
Other Road
Goshawk Study Area
Suitable Nesting Habitat Tiers*
Tier 1 – PFA forest height (mean tree height > 20 feet)
Tier 2 – PFA stand size (area ≥ 69 acres)
Tier 3 – Nest tree height (mean tree height ≥ 75 feet)

*Each tier builds on the previous tier. For example, Tier 2 includes Tier 1, Tier 3 includes 2 and 1. Tier 4 is the combination of Tiers 1 - 3.

N
0 1,000 2,000 Feet

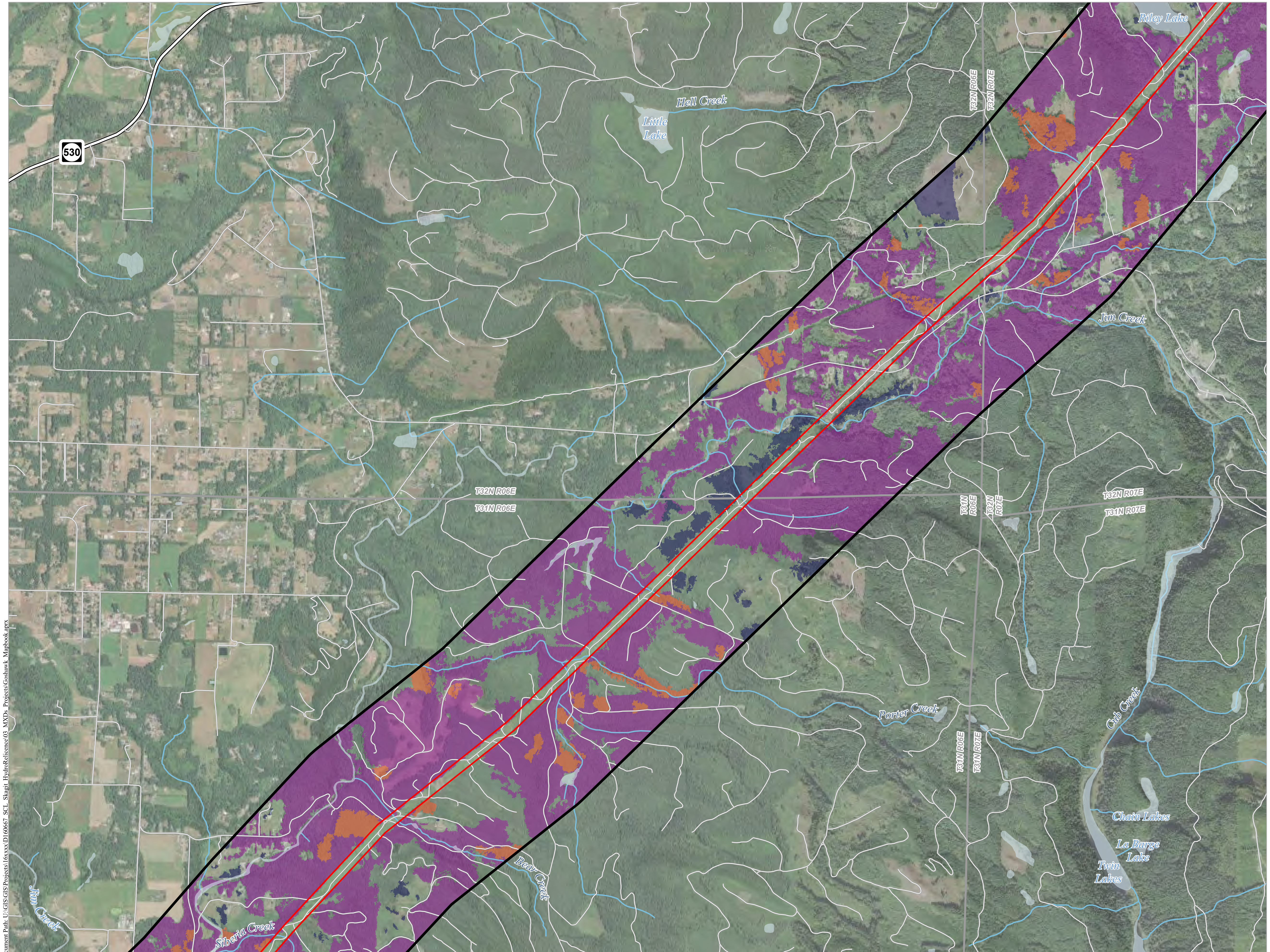


Seattle City Light

SKAGIT RIVER HYDROELECTRIC PROJECT (FERC NO. 553)

Created on 12/29/2021 by ESA for Seattle City Light.
City Light provides no warranty, expressed or implied, as to the accuracy, reliability or completeness of this data.
Data Source: [NAIP, 2015; NPS, 2020; SCL, 2020].

Document Path: U:\GIS\GIS\Projects\16xxx\D160667_SCL_Skagit_HydroRelicense\03_MXDs_Projects\Goshawk_Mapbook.aprx



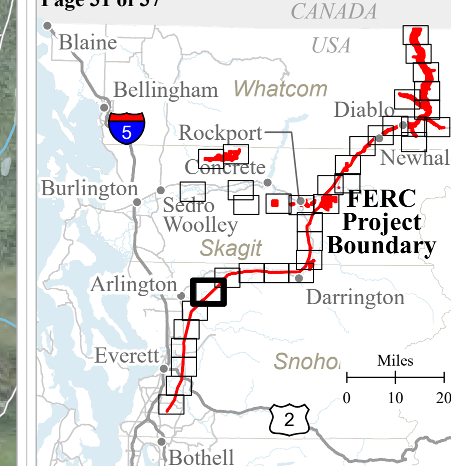
Document Path: U:\GIS\GIS\Projects\16xxxx\D160667_SCL_Skagit_HydroRelicence\03_MXDs_Projects\Goshawk_Mapbook.aprx

TR-07 POTENTIAL SUITABLE GOSHAWK NESTING HABITAT MAPBOOK

FERC Project Boundary
Secondary Highway
Other Road
Goshawk Study Area
Suitable Nesting Habitat Tiers*
Tier 1 – PFA forest height (mean tree height > 20 feet)
Tier 2 – PFA stand size (area ≥ 69 acres)
Tier 3 – Nest tree height (mean tree height ≥ 75 feet)

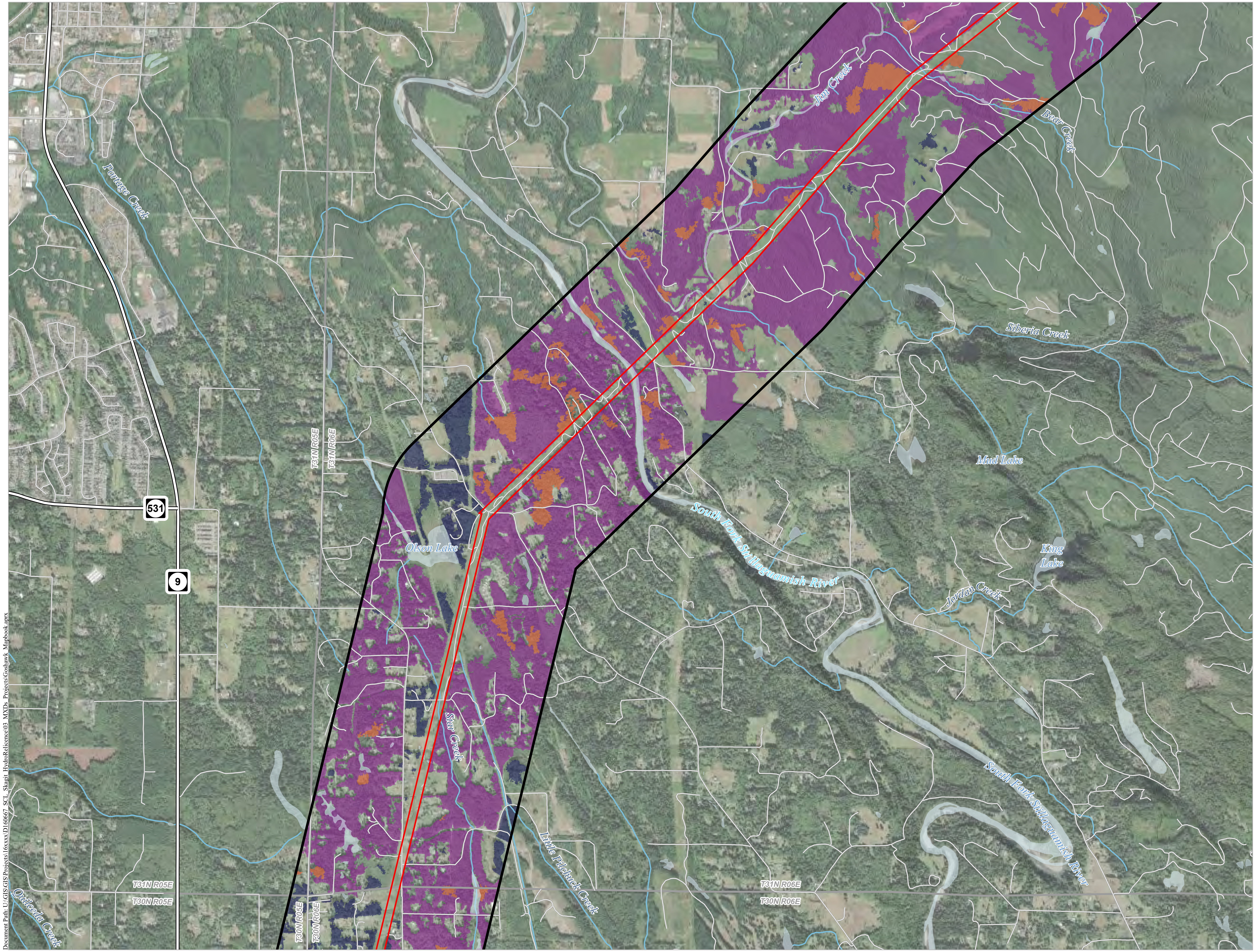
*Each tier builds on the previous tier. For example, Tier 2 includes Tier 1, Tier 3 includes 2 and 1. Tier 4 is the combination of Tiers 1 - 3.

N
0 1,000 2,000 Feet



Seattle City Light

SKAGIT RIVER HYDROELECTRIC PROJECT (FERC NO. 553)



TR-07 POTENTIAL SUITABLE GOSHAWK NESTING HABITAT MAPBOOK

- FERC Project Boundary
- Secondary Highway
- Other Road
- Goshawk Study Area

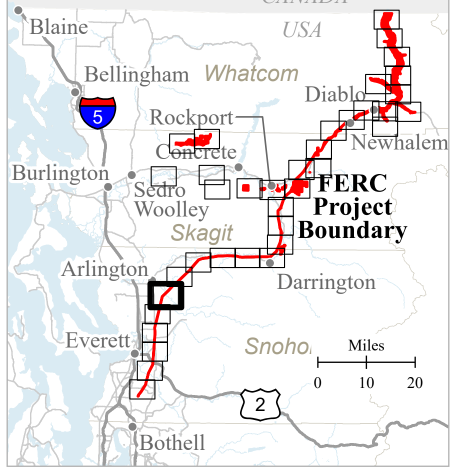
Suitable Nesting Habitat Tiers*

- Tier 1 – PFA forest height (mean tree height > 20 feet)
- Tier 2 – PFA stand size (area ≥ 69 acres)
- Tier 3 – Nest tree height (mean tree height ≥ 75 feet)

*Each tier builds on the previous tier. For example, Tier 2 includes Tier 1, Tier 3 includes 2 and 1. Tier 4 is the combination of Tiers 1 - 3.

N

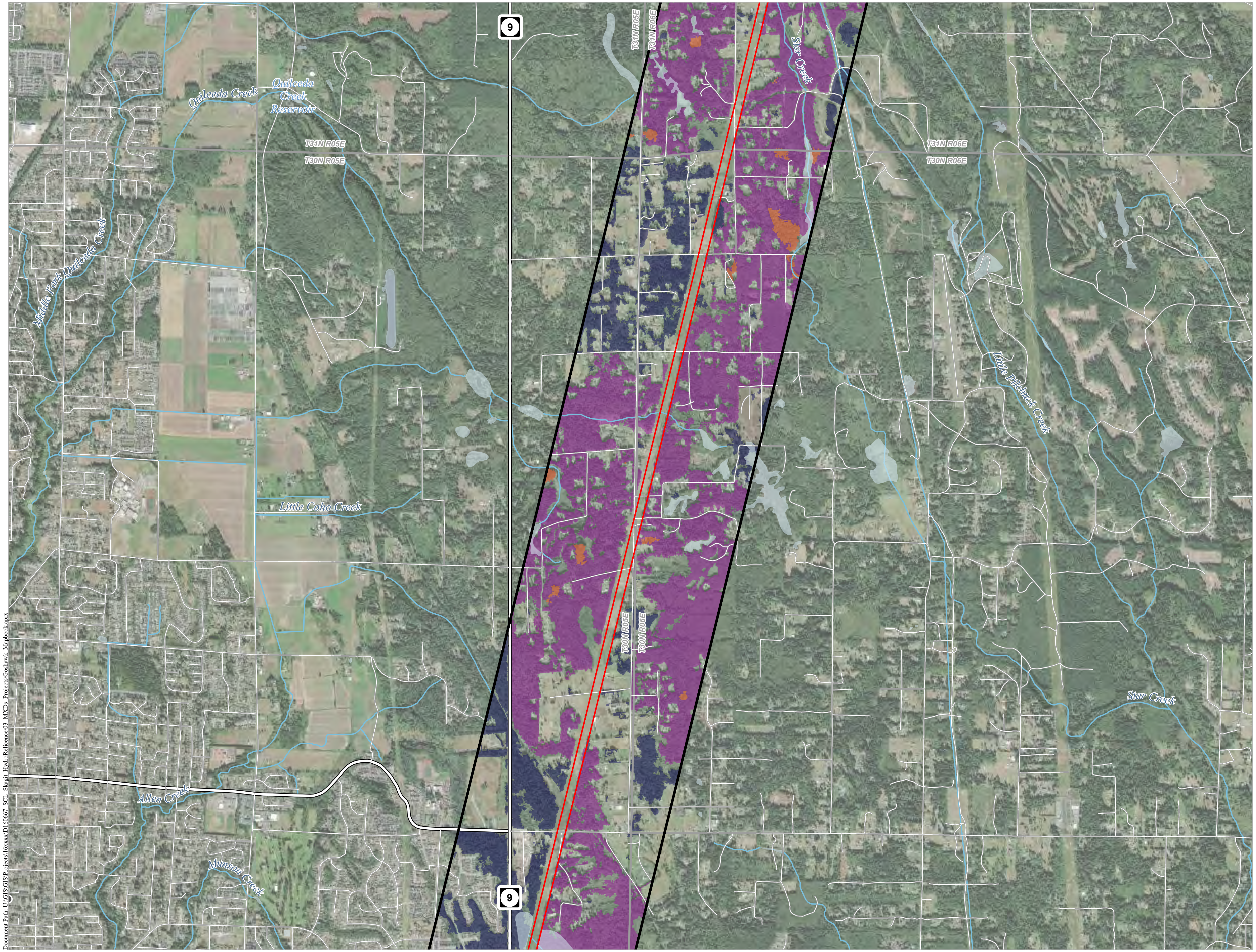
0 1,000 2,000 Feet



Seattle City Light

SKAGIT RIVER HYDROELECTRIC PROJECT (FERC NO. 553)

Created on 12/29/2021 by ESA for Seattle City Light.
City Light provides no warranty, expressed or implied, as to the accuracy, reliability or completeness of this data.
Data Source: [NAIP, 2015; NPS, 2020; SCL, 2020].

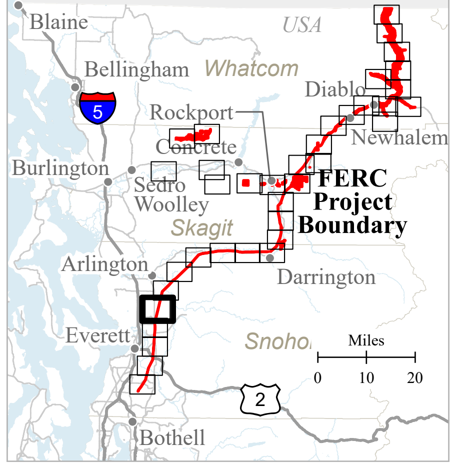


TR-07 POTENTIAL SUITABLE GOSHAWK NESTING HABITAT MAPBOOK

FERC Project Boundary
Secondary Highway
Other Road
Goshawk Study Area
Suitable Nesting Habitat Tiers*
Tier 1 – PFA forest height (mean tree height > 20 feet)
Tier 2 – PFA stand size (area ≥ 69 acres)
Tier 3 – Nest tree height (mean tree height ≥ 75 feet)

*Each tier builds on the previous tier. For example, Tier 2 includes Tier 1, Tier 3 includes 2 and 1. Tier 4 is the combination of Tiers 1 - 3.

N
0 1,000 2,000 Feet

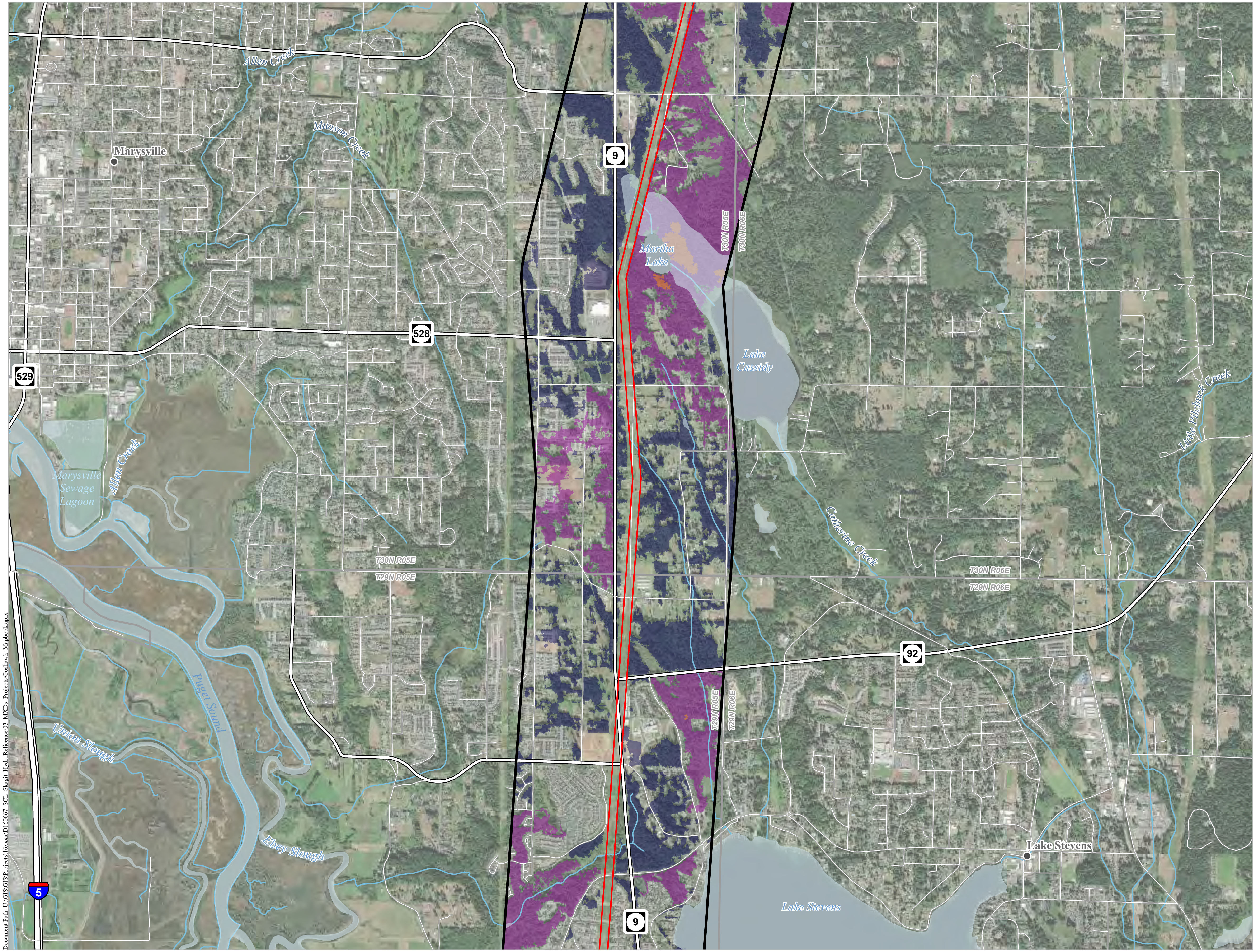


Seattle City Light

SKAGIT RIVER HYDROELECTRIC PROJECT (FERC NO. 553)

Created on 12/29/2021 by ESA for Seattle City Light.
City Light provides no warranty, expressed or implied, as to the accuracy, reliability or completeness of this data.
Data Source: [NAIP, 2015; NPS, 2020; SCL, 2020].

Document Path: U:\GIS\GIS\Projects\16xxxx\D160667_SCL_Skagit_HydroRelicence\03_MXDs_Projects\Goshawk_Mapbook.aprx



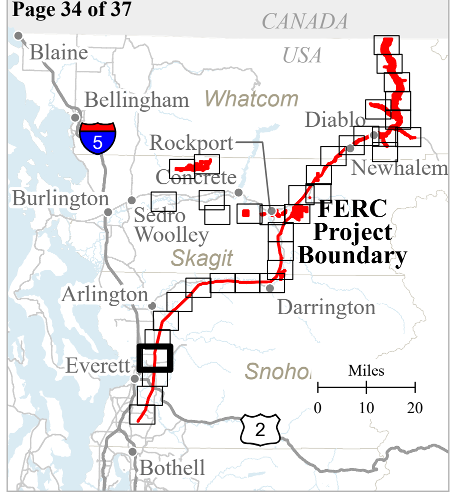
TR-07 POTENTIAL SUITABLE GOSHAWK NESTING HABITAT MAPBOOK

FERC Project Boundary
Primary Highway
Secondary Highway
Other Road
Goshawk Study Area
Suitable Nesting Habitat Tiers*
Tier 1 – PFA forest height (mean tree height > 20 feet)
Tier 2 – PFA stand size (area ≥ 69 acres)
Tier 3 – Nest tree height (mean tree height ≥ 75 feet)

*Each tier builds on the previous tier. For example, Tier 2 includes Tier 1, Tier 3 includes 2 and 1. Tier 4 is the combination of Tiers 1 - 3.

N

0 1,000 2,000 Feet

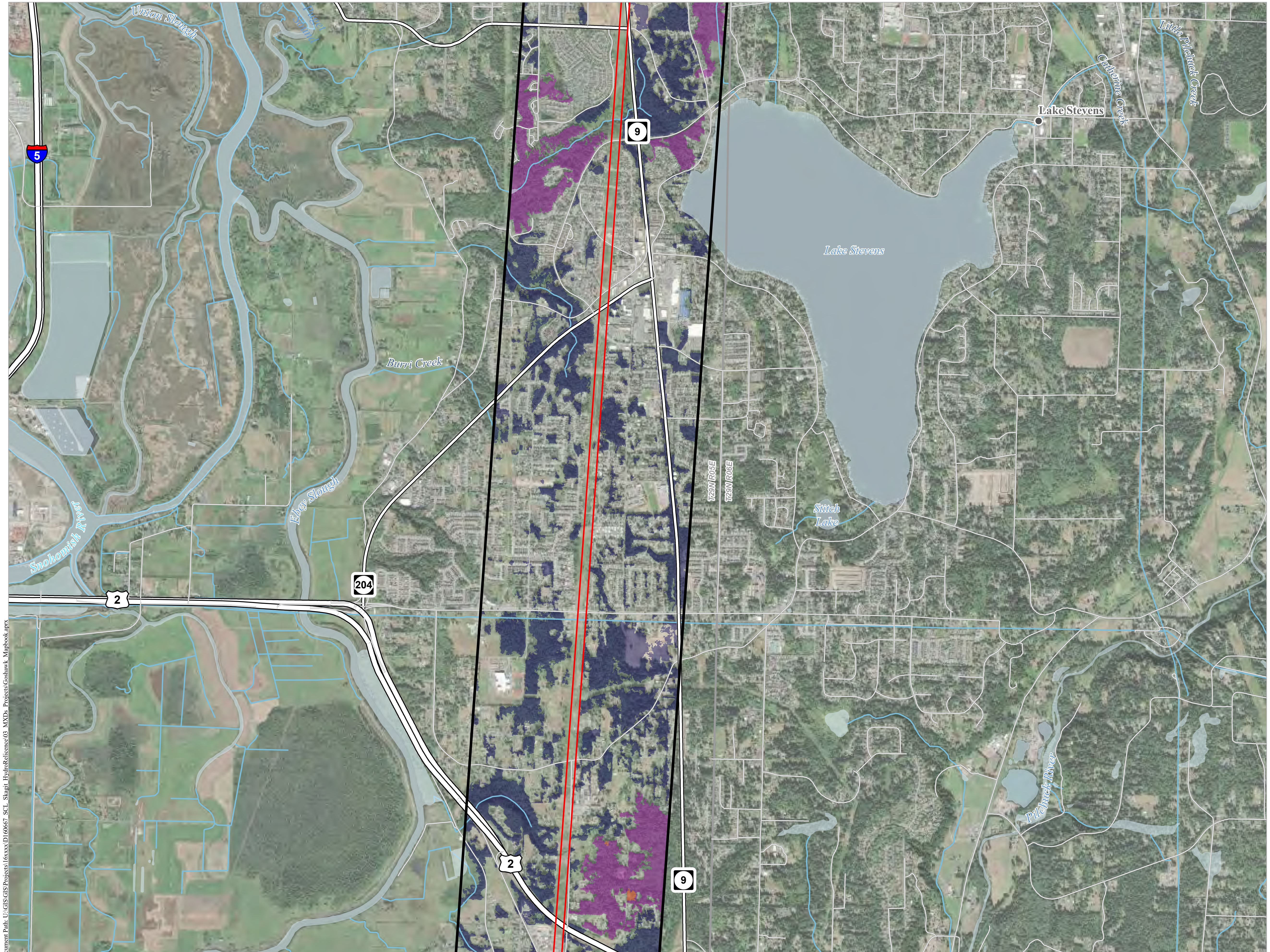


Seattle City Light

SKAGIT RIVER HYDROELECTRIC PROJECT (FERC NO. 553)

Created on 12/29/2021 by ESA for Seattle City Light.
City Light provides no warranty, expressed or implied, as to the accuracy, reliability or completeness of this data.
Data Source: [NAIP, 2015; NPS, 2020; SCL, 2020].

Document Path: U:\GIS\GIS\Projects\16xxxx\D160667_SCL_Skagit_HydroRelicence\03_MXDs_Projects\Goshawk_Mapbook.aprx



TR-07 POTENTIAL SUITABLE GOSHAWK NESTING HABITAT MAPBOOK

- FERC Project Boundary
- Primary Highway
- Secondary Highway
- Other Road
- Goshawk Study Area

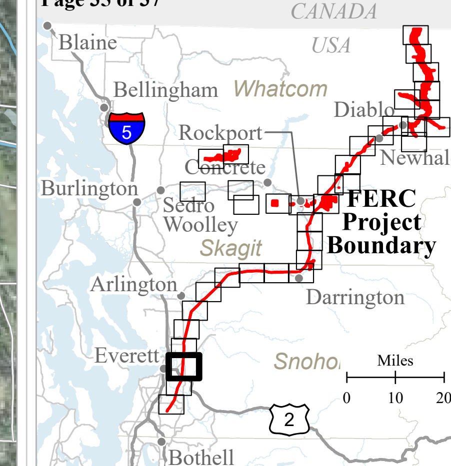
Suitable Nesting Habitat Tiers*

- Tier 1 – PFA forest height (mean tree height > 20 feet)
- Tier 2 – PFA stand size (area ≥ 69 acres)
- Tier 3 – Nest tree height (mean tree height ≥ 75 feet)

*Each tier builds on the previous tier. For example, Tier 2 includes Tier 1, Tier 3 includes 2 and 1. Tier 4 is the combination of Tiers 1 - 3.

N

0 1,000 2,000 Feet

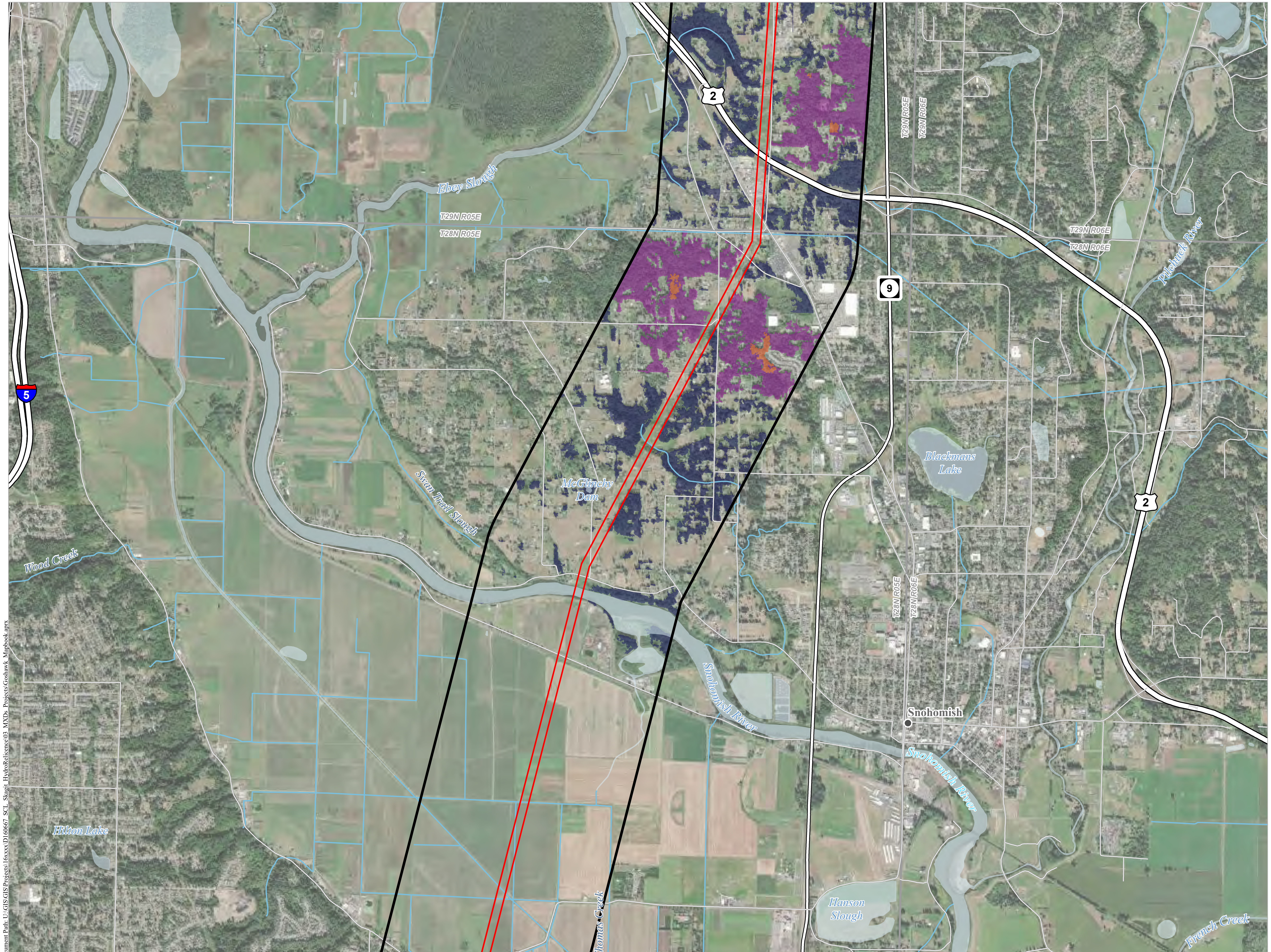


Seattle City Light

SKAGIT RIVER HYDROELECTRIC PROJECT (FERC NO. 553)

Created on 12/29/2021 by ESA for Seattle City Light.
City Light provides no warranty, expressed or implied, as to the accuracy, reliability or completeness of this data.
Data Source: [NAIP, 2015; NPS, 2020; SCL, 2020].

Document Path: U:\GIS\GIS\Projects\16xxxx\D160667_SCL_Skagit_HydroRelicence\03_MXDs_Projects\Goshawk_Mapbook.aprx



TR-07 POTENTIAL SUITABLE GOSHAWK NESTING HABITAT MAPBOOK

- FERC Project Boundary
- Primary Highway
- Secondary Highway
- Other Road
- Goshawk Study Area

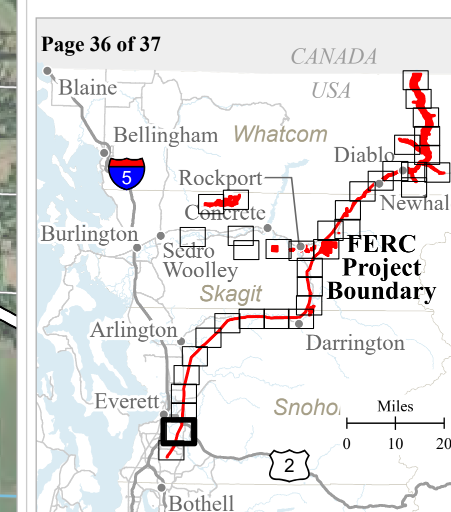
Suitable Nesting Habitat Tiers*

- Tier 1 – PFA forest height (mean tree height > 20 feet)
- Tier 2 – PFA stand size (area ≥ 69 acres)
- Tier 3 – Nest tree height (mean tree height ≥ 75 feet)

*Each tier builds on the previous tier. For example, Tier 2 includes Tier 1, Tier 3 includes 2 and 1. Tier 4 is the combination of Tiers 1 - 3.

N

0 1,000 2,000 Feet

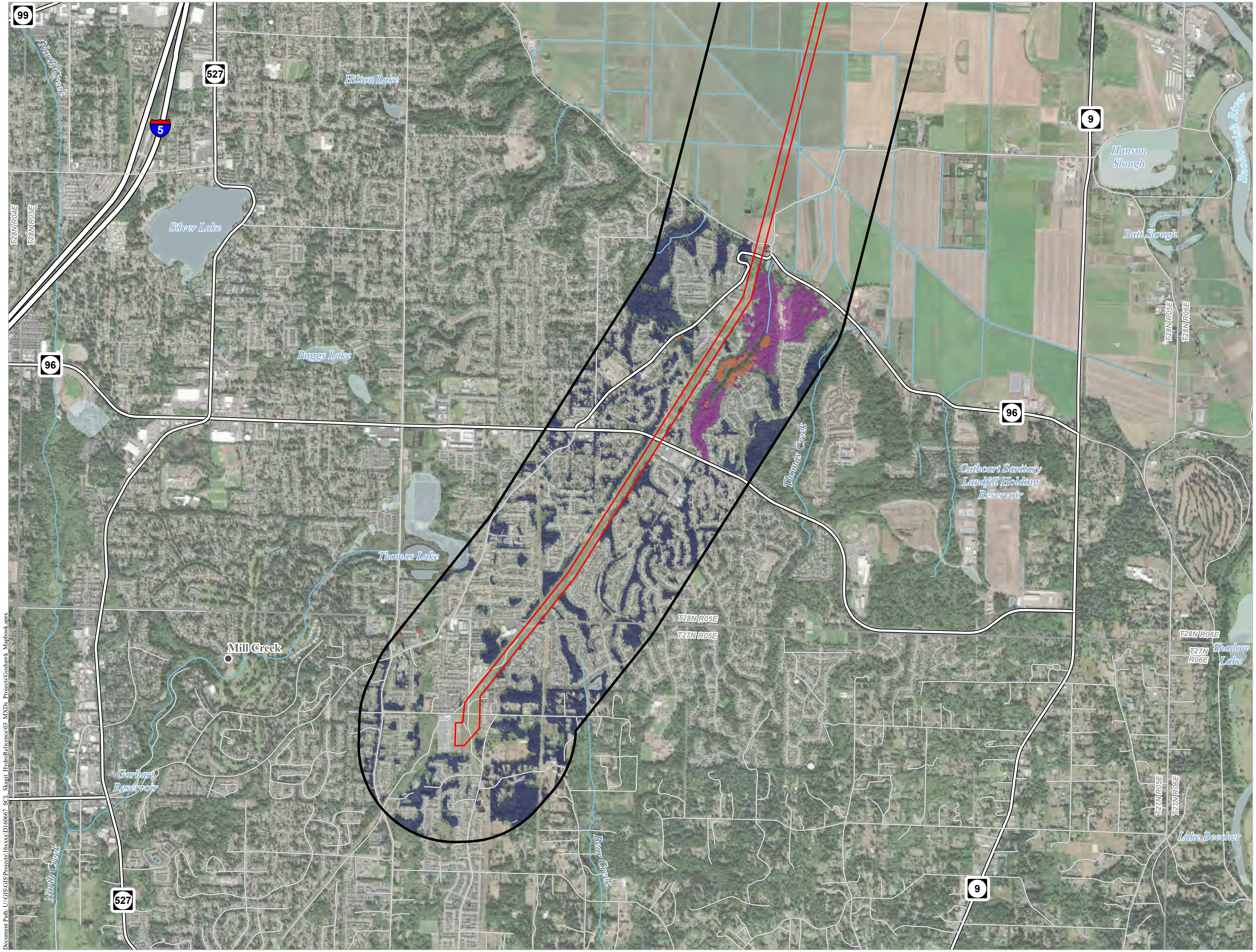


Seattle City Light

SKAGIT RIVER HYDROELECTRIC PROJECT (FERC NO. 553)

Created on 12/29/2021 by ESA for Seattle City Light.
City Light provides no warranty, expressed or implied, as to the accuracy, reliability or completeness of this data.
Data Source: [NAIP, 2015; NPS, 2020; SCL, 2020].

Document Path: U:\GIS\GIS\Projects\16xxxx\D160667_SCL_Skagit_HydroRelicense\03_MXDs_Projects\Goshawk_Mapbook.aprx



TR-07 POTENTIAL SUITABLE GOSHAWK NESTING HABITAT MAPBOOK

- FERC Project Boundary
- Primary Highway
- Secondary Highway
- Other Road
- Goshawk Study Area

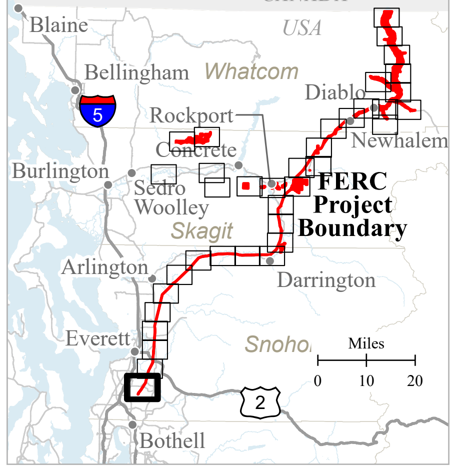
Suitable Nesting Habitat Tiers*

- Tier 1 – PFA forest height (mean tree height > 20 feet)
- Tier 2 – PFA stand size (area ≥ 69 acres)
- Tier 3 – Nest tree height (mean tree height ≥ 75 feet)

*Each tier builds on the previous tier. For example, Tier 2 includes Tier 1, Tier 3 includes 2 and 1. Tier 4 is the combination of Tiers 1 - 3.

N

0 1,000 2,000 Feet



Seattle City Light

SKAGIT RIVER HYDROELECTRIC PROJECT (FERC NO. 553)

Created on 12/29/2021 by ESA for Seattle City Light.
City Light provides no warranty, expressed or implied, as to the accuracy, reliability or completeness of this data.
Data Source: [NAIP, 2015; NPS, 2020; SCL, 2020].

Document Path: U:\GIS\GIS\Projects\16xxxx\D160667_SCL_Skagit_HydroRelicence\03_MXDs_Projects\Goshawk_Mapbook.aprx