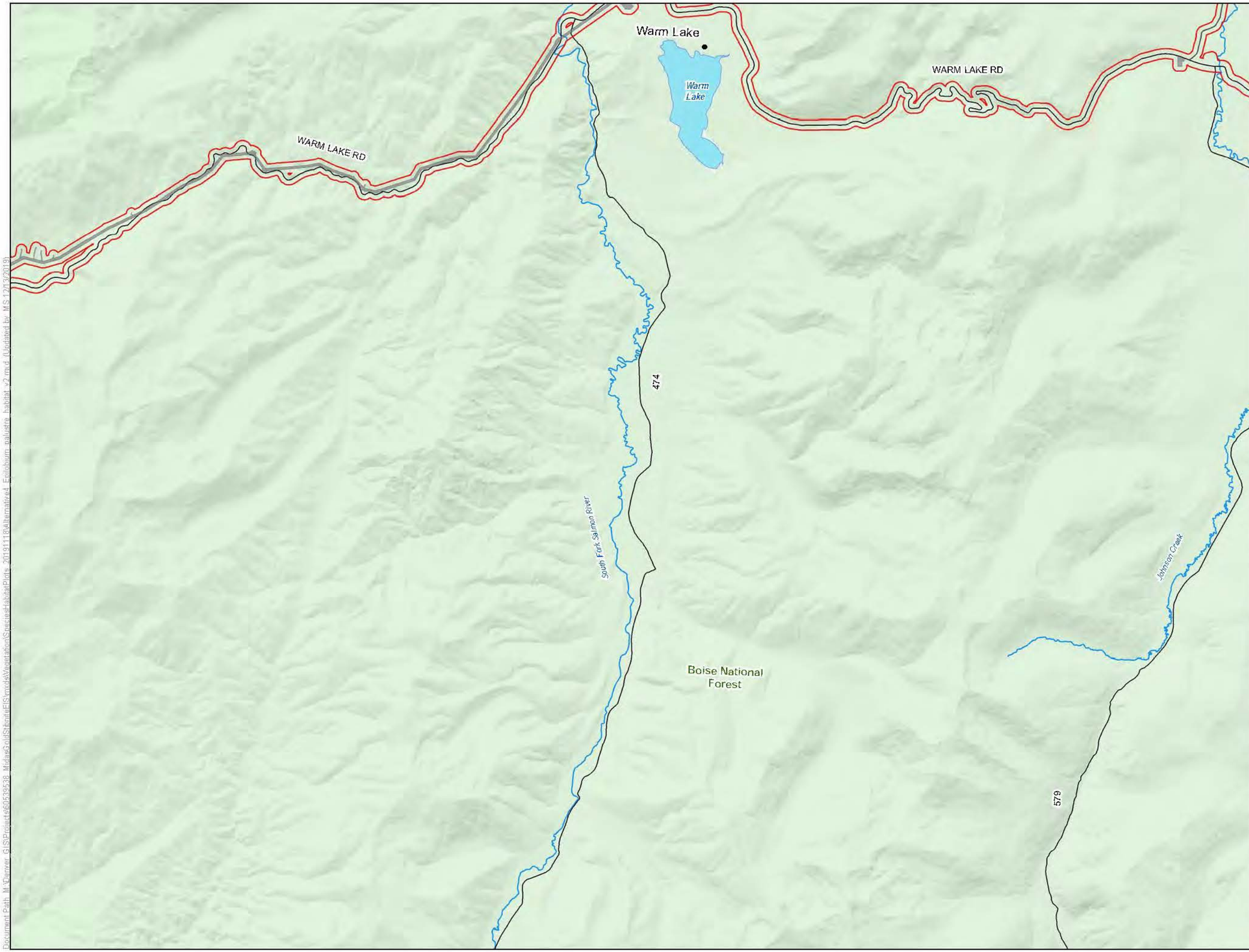


LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

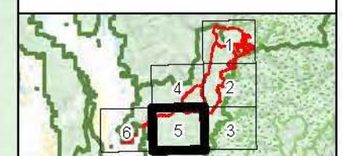
Surface Management Agency

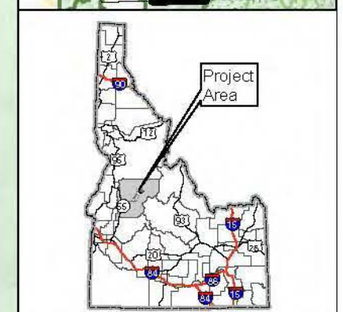
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



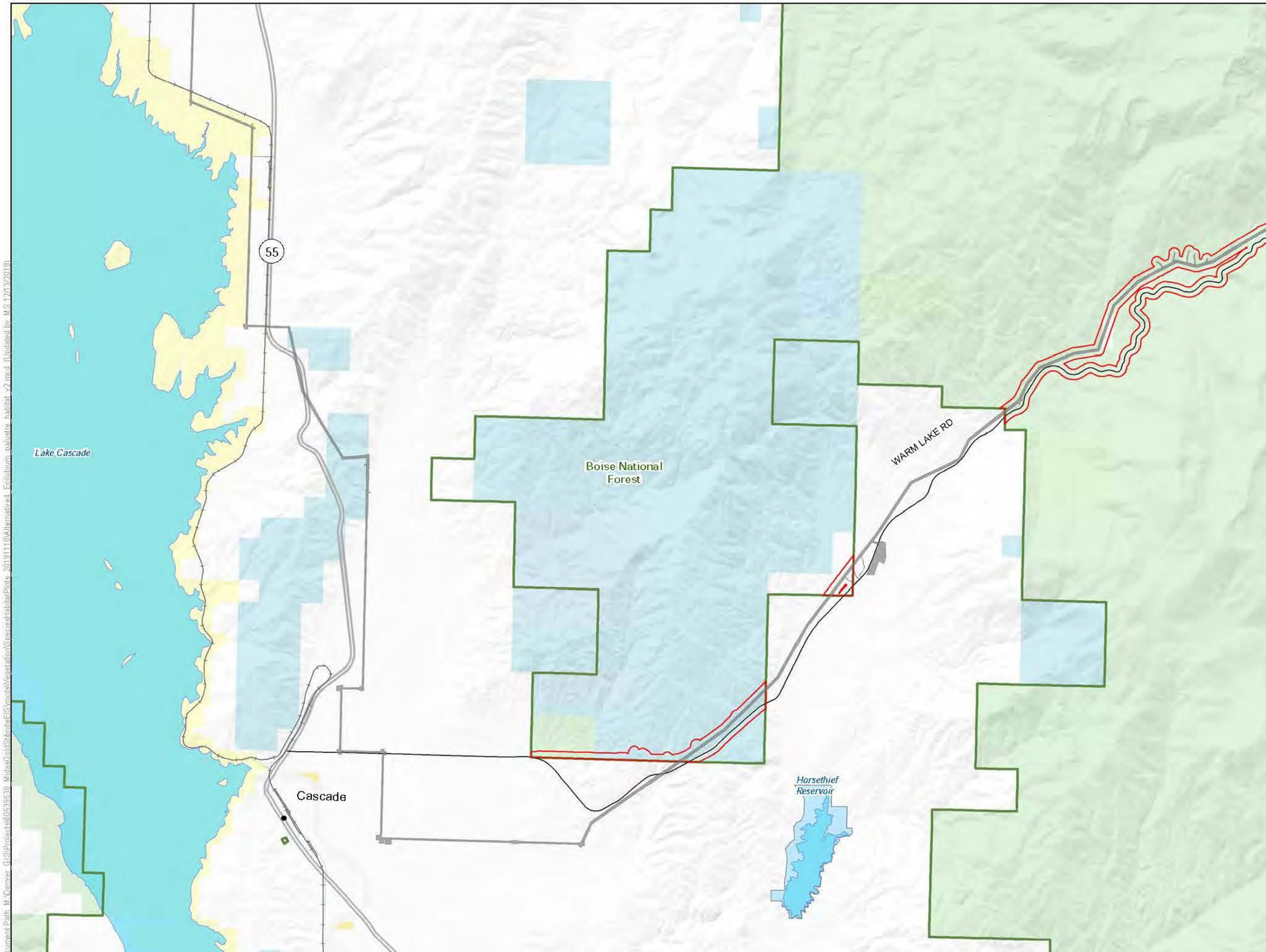


Epilobium palustre Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

Document Path: M:\Denver_GIS\Projects\60539538_MidasGoldStibniteEIS\mxds\Vegetation\SpeciesHabitatPlots_20191118\Alternative4_Epilobium_palustre_habitat_v2.mxd (Updated by: MS 12/13/2019)



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Highway
- Road
- Stream/River
- Lake/Reservoir

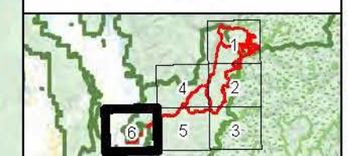
Surface Management Agency

- Bureau of Land Management
- Bureau of Reclamation
- Private
- State
- State Fish and Game
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17

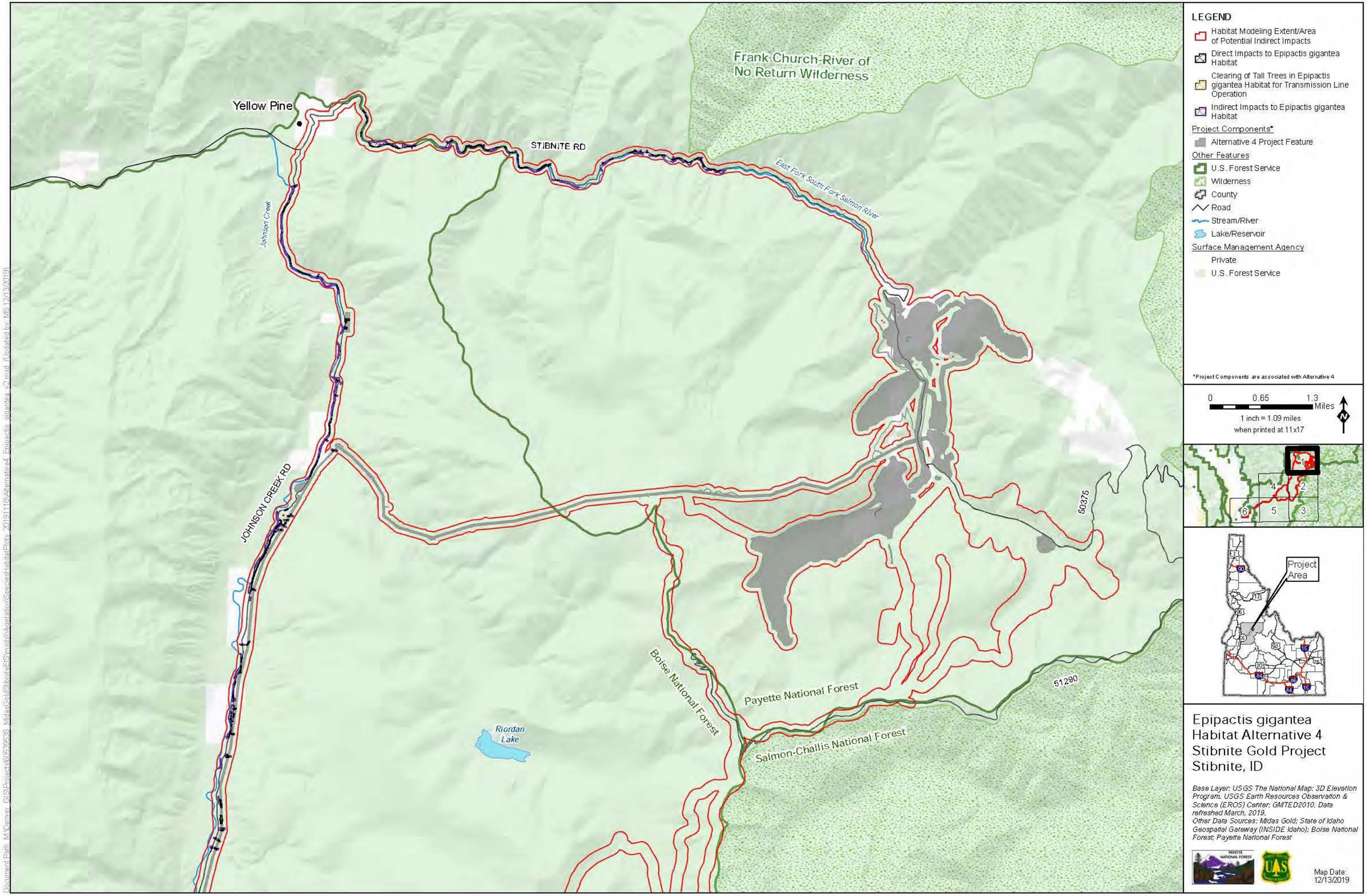


Epilobium palustre Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

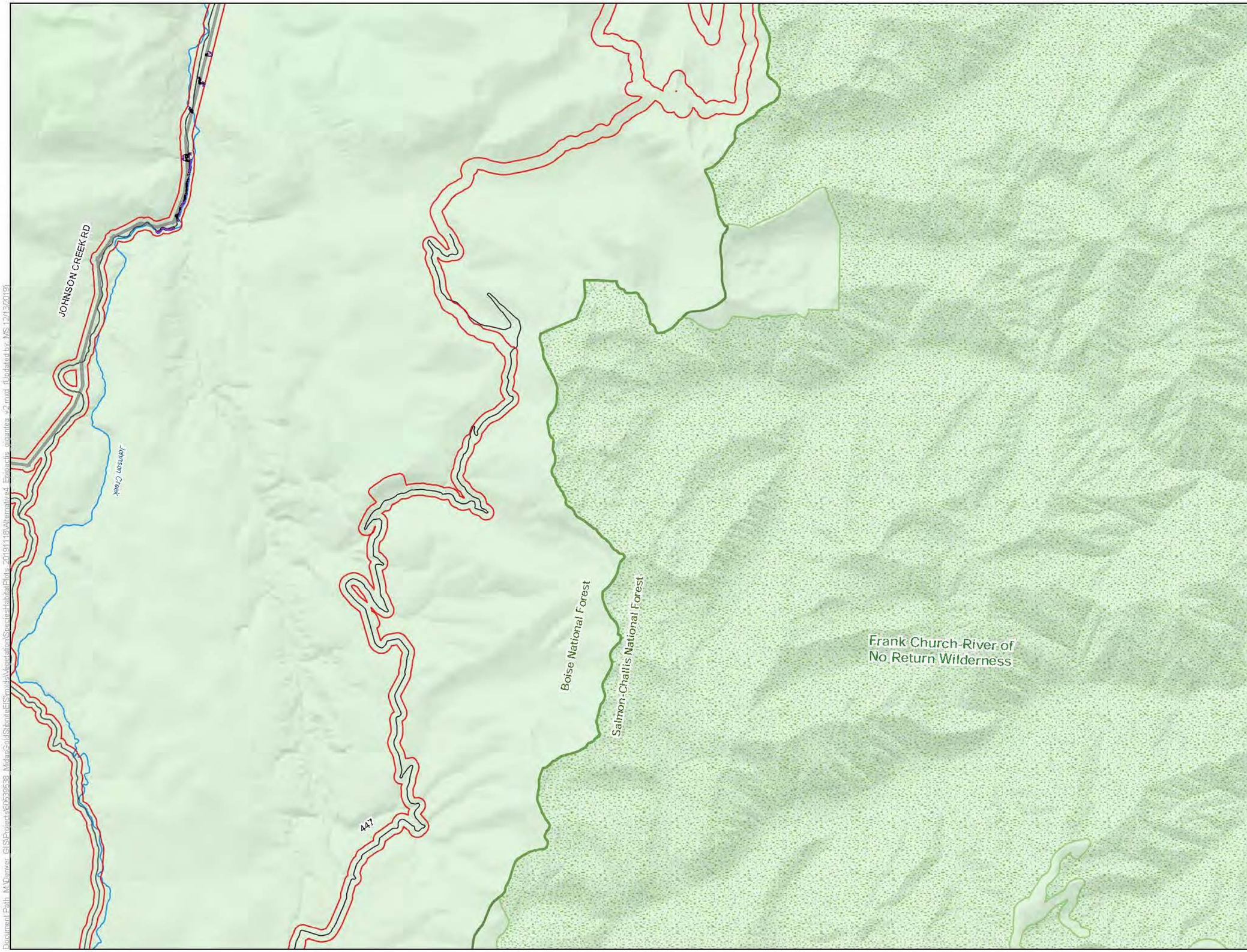
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

Document Path: M:\Denver_GIS\Projects\60559538_MidasGoldStibniteEIS\mxds\Vegetation\SpeciesHabitatPlots_20191118\Alternative4_Epilobium palustre habitat_v2.mxd (Updated by: MS 12/13/2019)



Yellow Pine
STIBNITE RD
Frank Church-River of No Return Wilderness
East Fork South Fork Salmon River
Johnson Creek
JOHNSON CREEK RD
50375
51290
Boise National Forest
Payette National Forest
Salmon-Challis National Forest
Riordan Lake
LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Epipactis gigantea Habitat
Clearing of Tall Trees in Epipactis gigantea Habitat for Transmission Line Operation
Indirect Impacts to Epipactis gigantea Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Private
U.S. Forest Service
*Project Components are associated with Alternative 4
0 0.65 1.3 Miles
1 inch = 1.09 miles when printed at 11x17
Project Area
Epipactis gigantea Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Epipactis gigantea Habitat
- Clearing of Tall Trees in Epipactis gigantea Habitat for Transmission Line Operation
- Indirect Impacts to Epipactis gigantea Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

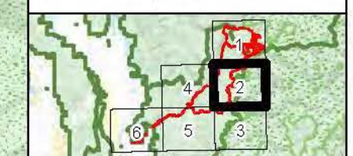
Surface Management Agency

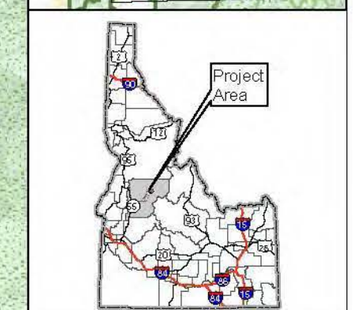
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17





Epipactis gigantea Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

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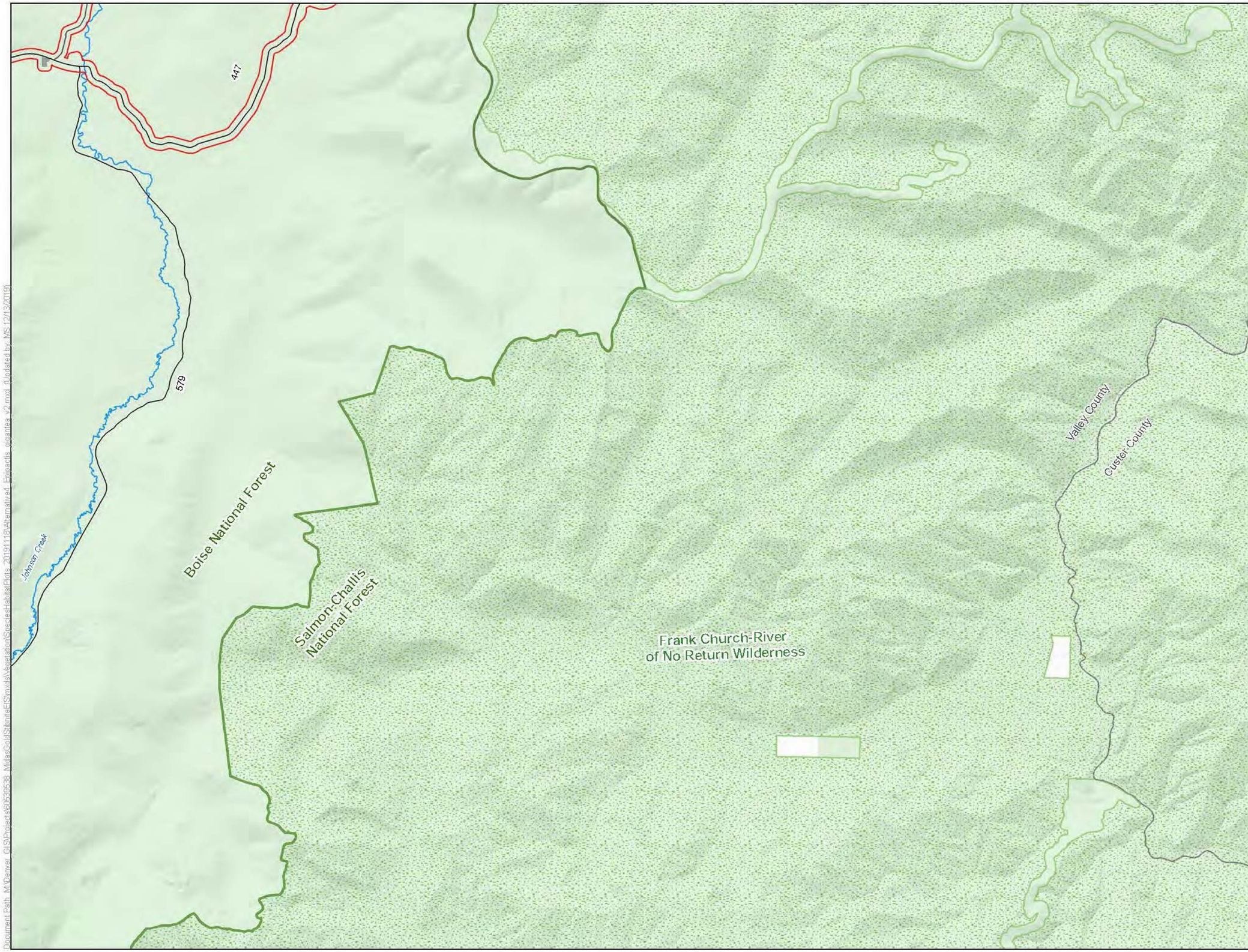


LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

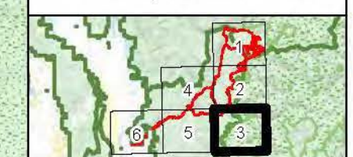
Surface Management Agency

- Private
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17

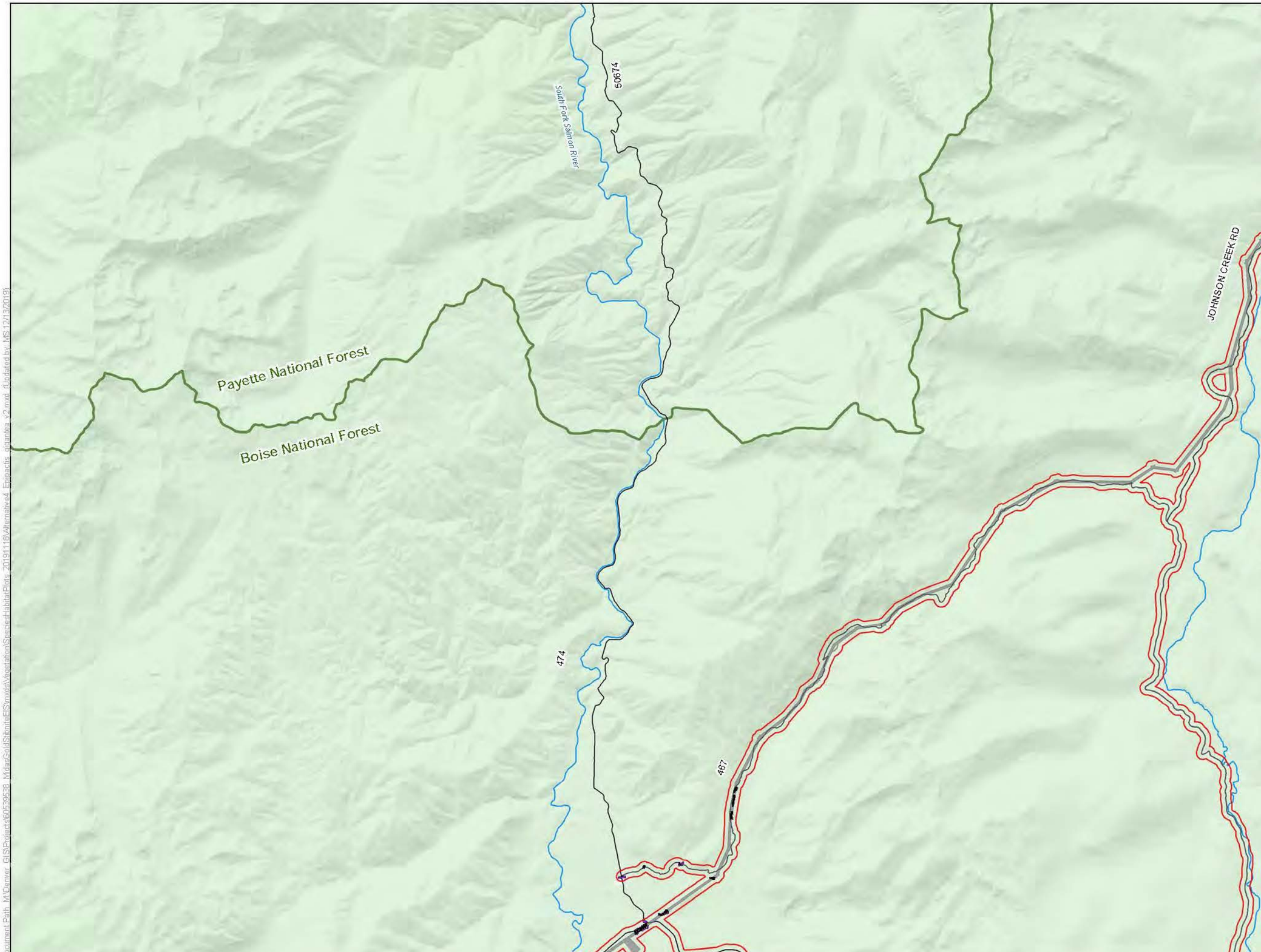


Epipactis gigantea Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

Document Path: M:\Denver_GIS\Projects\60559538_MidasGoldStibniteEIS\mxds\Vegetation\SpeciesHabitatPlots_20191113\Alternative4_Epipactis_gigantea_v2.mxd (Updated by MS 12/13/2019)



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Epipactis gigantea Habitat
- Clearing of Tall Trees in Epipactis gigantea Habitat for Transmission Line Operation
- Indirect Impacts to Epipactis gigantea Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

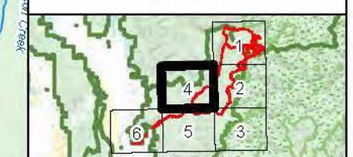
Surface Management Agency

- Private
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17

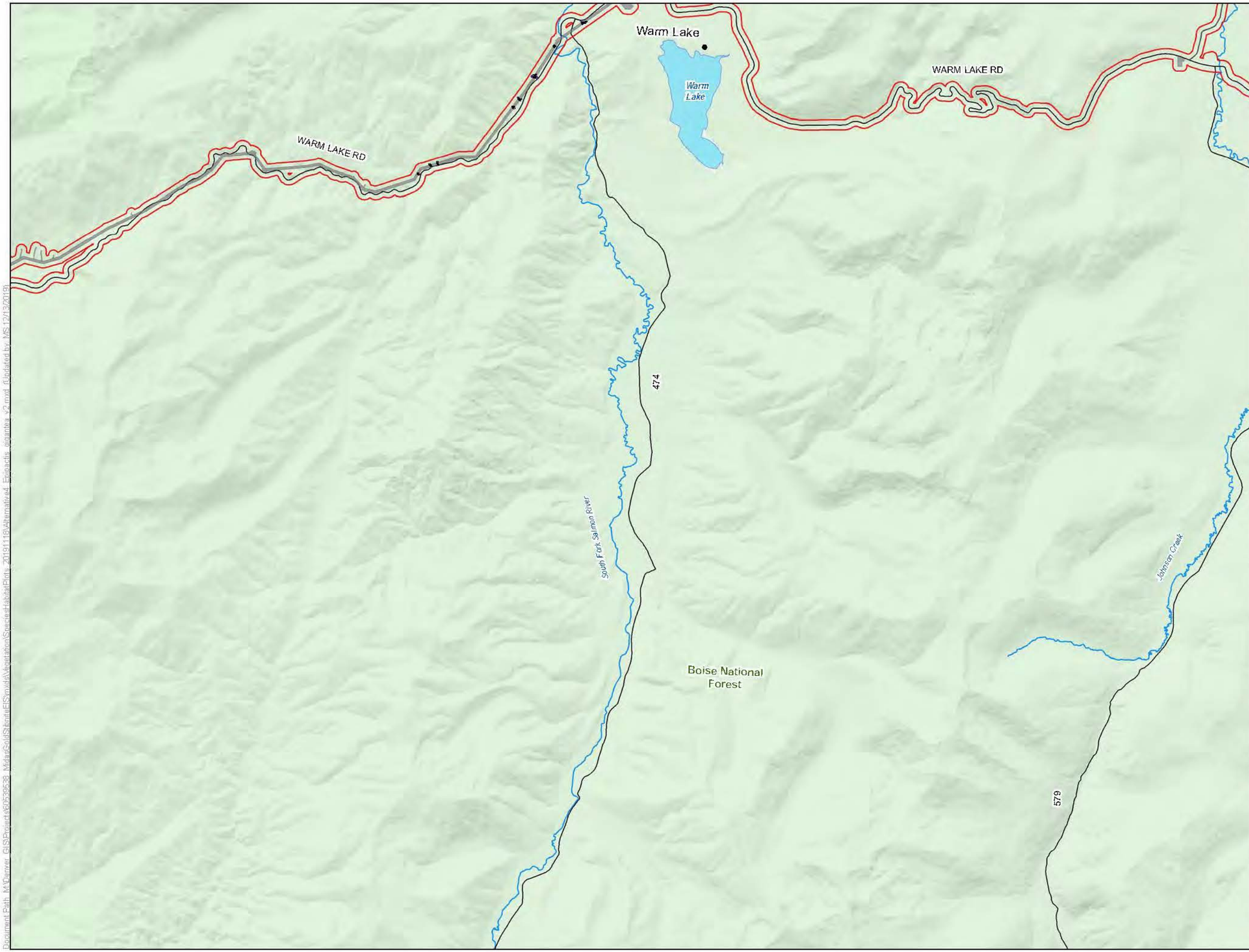


Epipactis gigantea Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

Document Path: M:\Denver_GIS\Projects\60539538_MidasGoldStibniteEIS\mxds\Vegetation\SpeciesHabitatPlots_20191116\Alternative4_Epipactis_gigantea_v2.mxd (Updated by MS 12/13/2019)



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Epipactis gigantea Habitat
- Clearing of Tall Trees in Epipactis gigantea Habitat for Transmission Line Operation
- Indirect Impacts to Epipactis gigantea Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

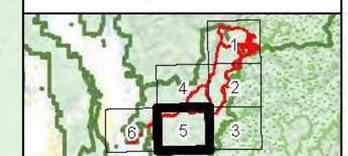
Surface Management

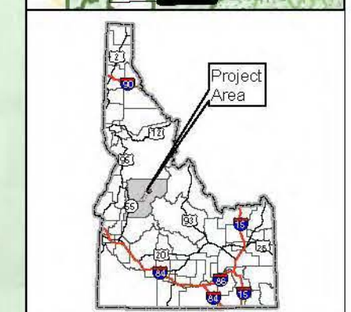
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



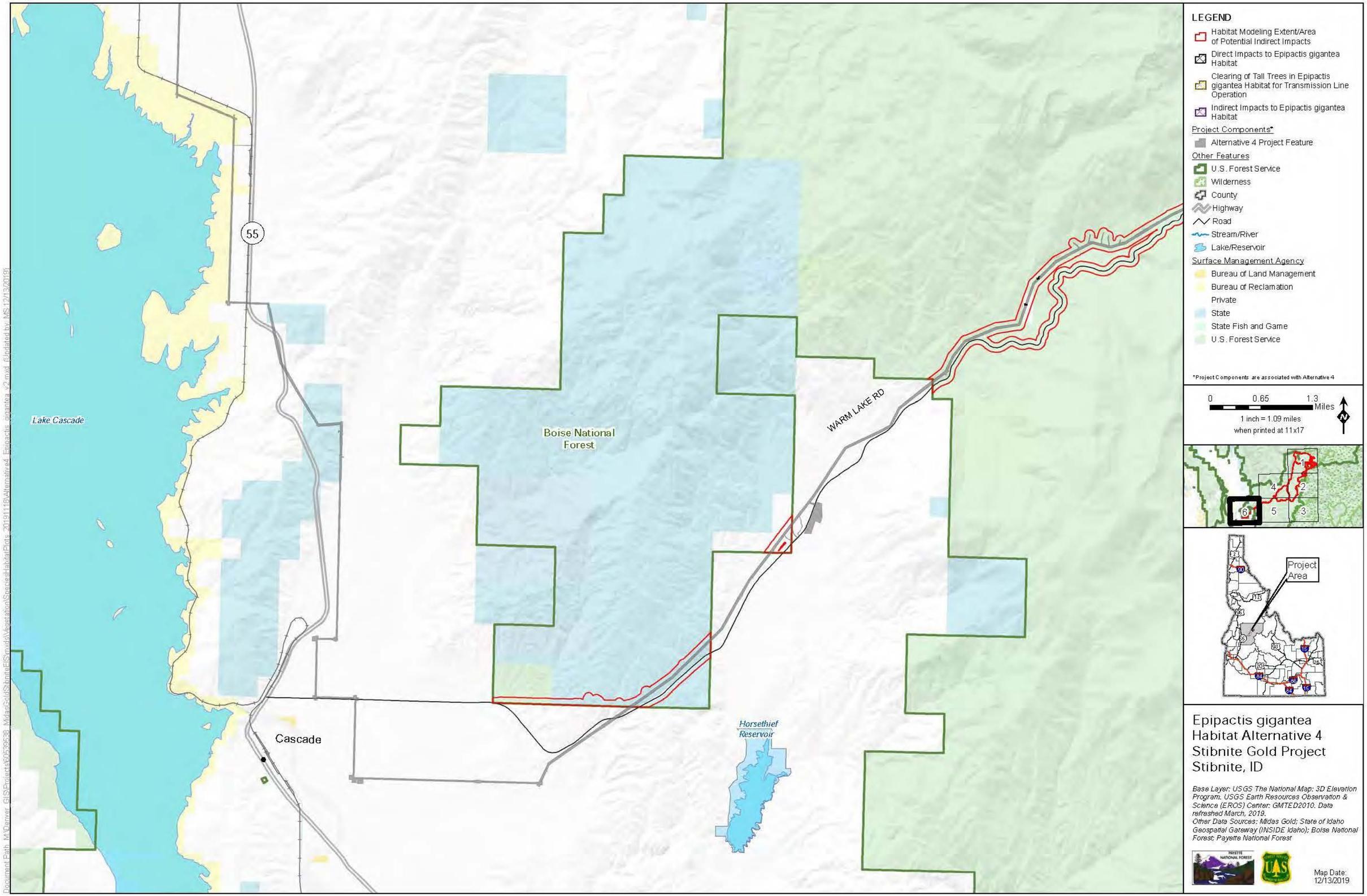


Epipactis gigantea Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

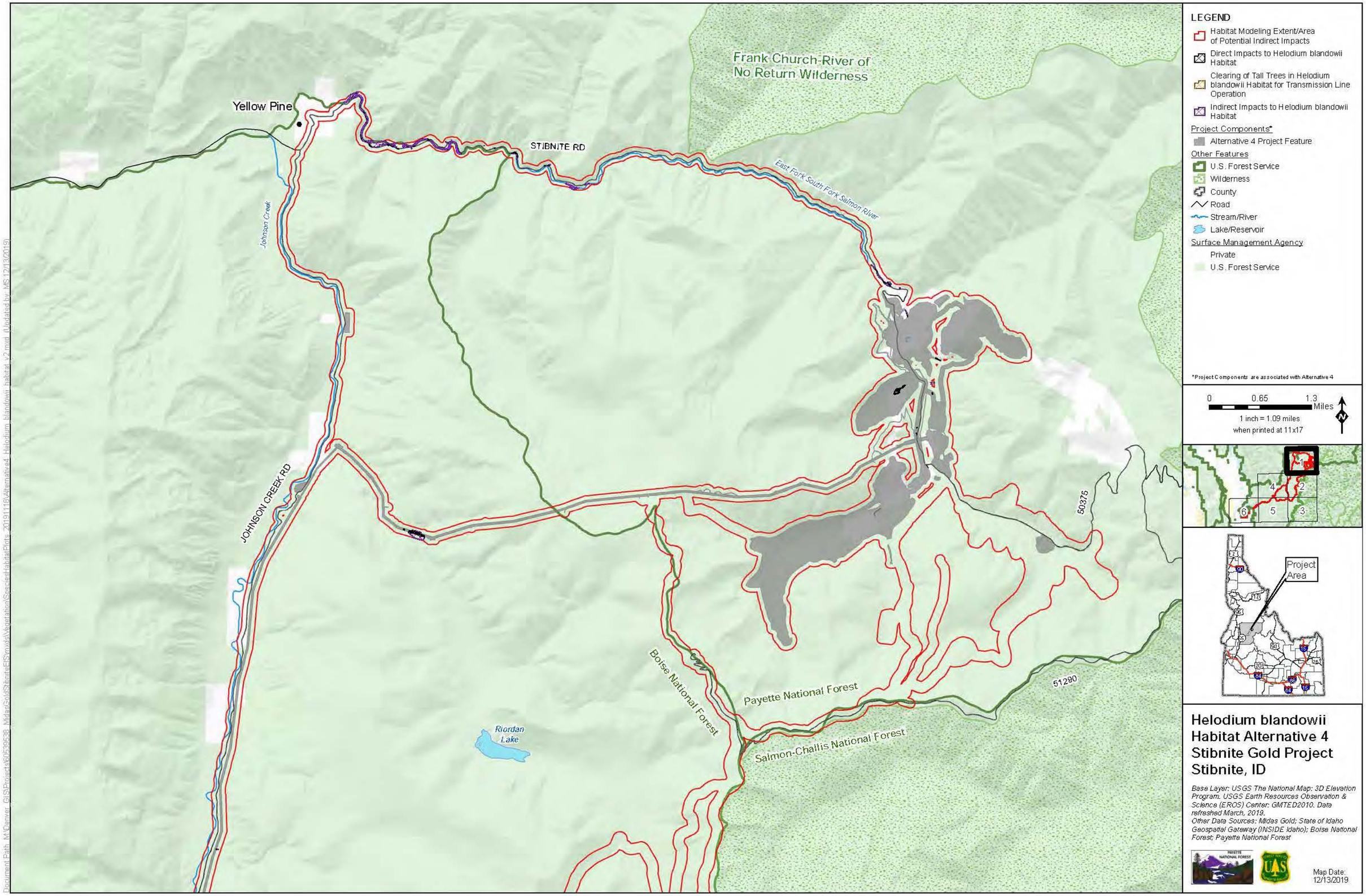
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

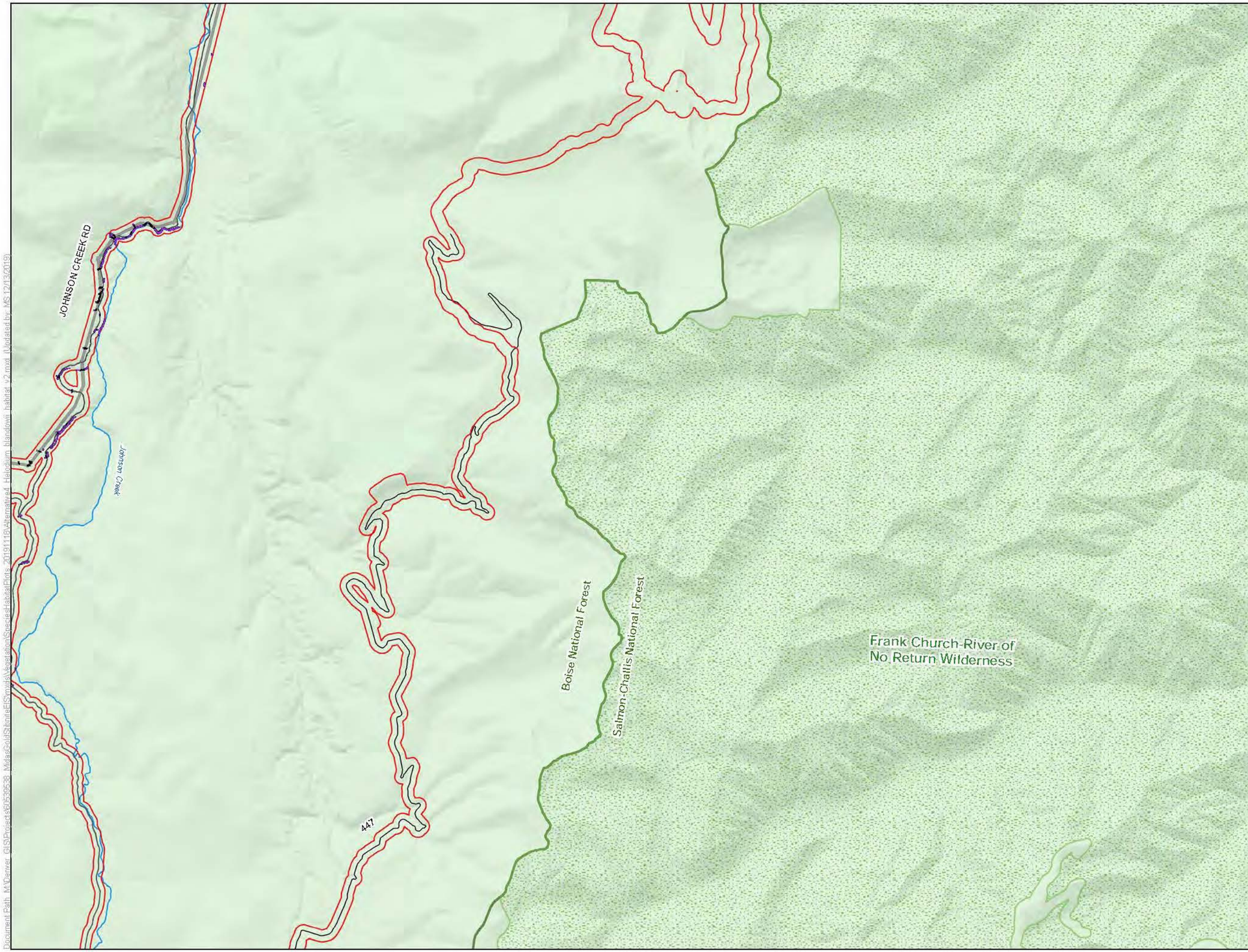
Document Path: M:\Denver_GIS\Projects\60539538_MidasGoldStibniteEIS\mxds\Vegetation\SpeciesHabitatPlots_20191118\Alternative4_Epipactis_gigantea_v2.mxd (Updated by: MS 12/13/2019)



LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Epipactis gigantea Habitat
Clearing of Tall Trees in Epipactis gigantea Habitat for Transmission Line Operation
Indirect Impacts to Epipactis gigantea Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Highway
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Bureau of Land Management
Bureau of Reclamation
Private
State
State Fish and Game
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
N
Project Area
Lake Cascade
55
Boise National Forest
WARM LAKE RD
Cascade
Horsethief Reservoir
Epipactis gigantea Habitat Alternative 4
Stibnite Gold Project
Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



Yellow Pine
STIBNITE RD
Frank Church-River of No Return Wilderness
East Fork South Fork Salmon River
Johnson Creek
JOHNSON CREEK RD
50375
51290
Boise National Forest
Payette National Forest
Salmon-Challis National Forest
Riordan Lake
LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Helodium blandowii Habitat
Clearing of Tall Trees in Helodium blandowii Habitat for Transmission Line Operation
Indirect Impacts to Helodium blandowii Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Private
U.S. Forest Service
*Project Components are associated with Alternative 4
0 0.65 1.3 Miles
1 inch = 1.09 miles when printed at 11x17
N
1
2
3
4
5
6
Project Area
Helodium blandowii Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Helodium blandowii Habitat
- Clearing of Tall Trees in Helodium blandowii Habitat for Transmission Line Operation
- Indirect Impacts to Helodium blandowii Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

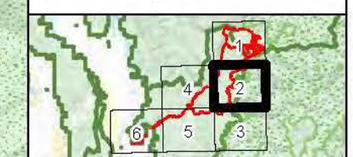
Surface Management Agency

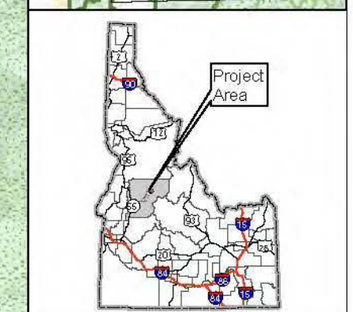
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



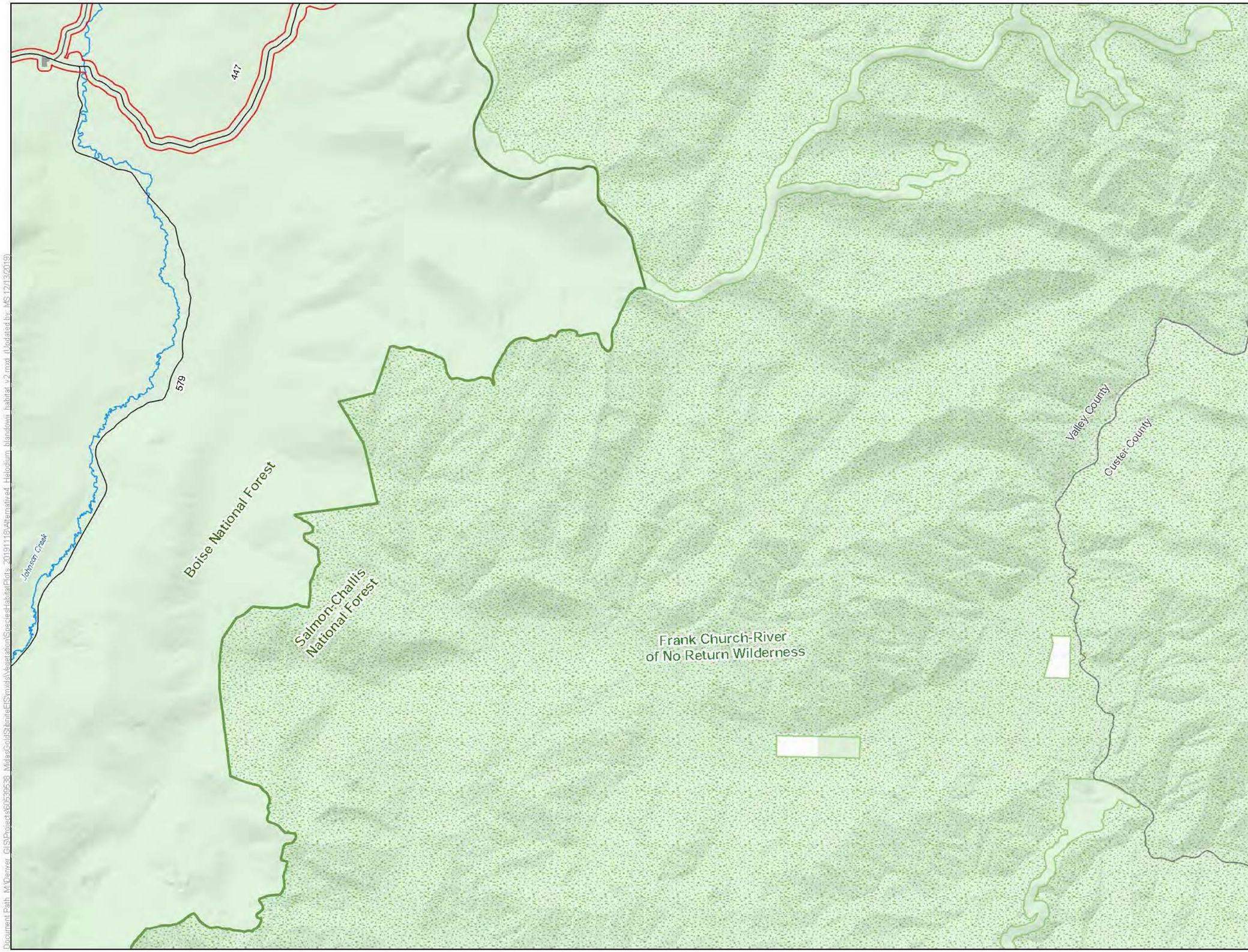


Helodium blandowii Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

Document Path: M:\Denver_GIS\Projects\60539538_MidasGoldStibniteEIS\mxds\Vegetation\SpeciesHabitatPlots_20191118\Alternative4_Helodium_blandowii_habitat_v2.mxd (Updated by: MS 12/13/2019)



LEGEND

Habitat Modeling Extent/Area of Potential Indirect Impacts

Project Components*

Alternative 4 Project Feature

Other Features

U.S. Forest Service

Wilderness

County

Road

Stream/River

Lake/Reservoir

Surface Management Agency

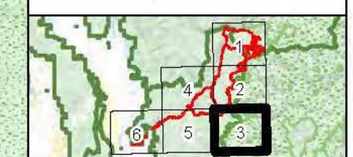
Private

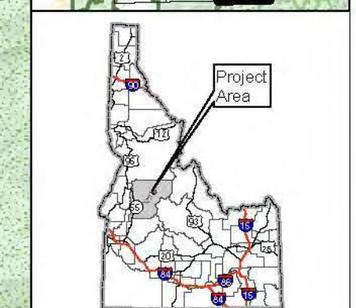
U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



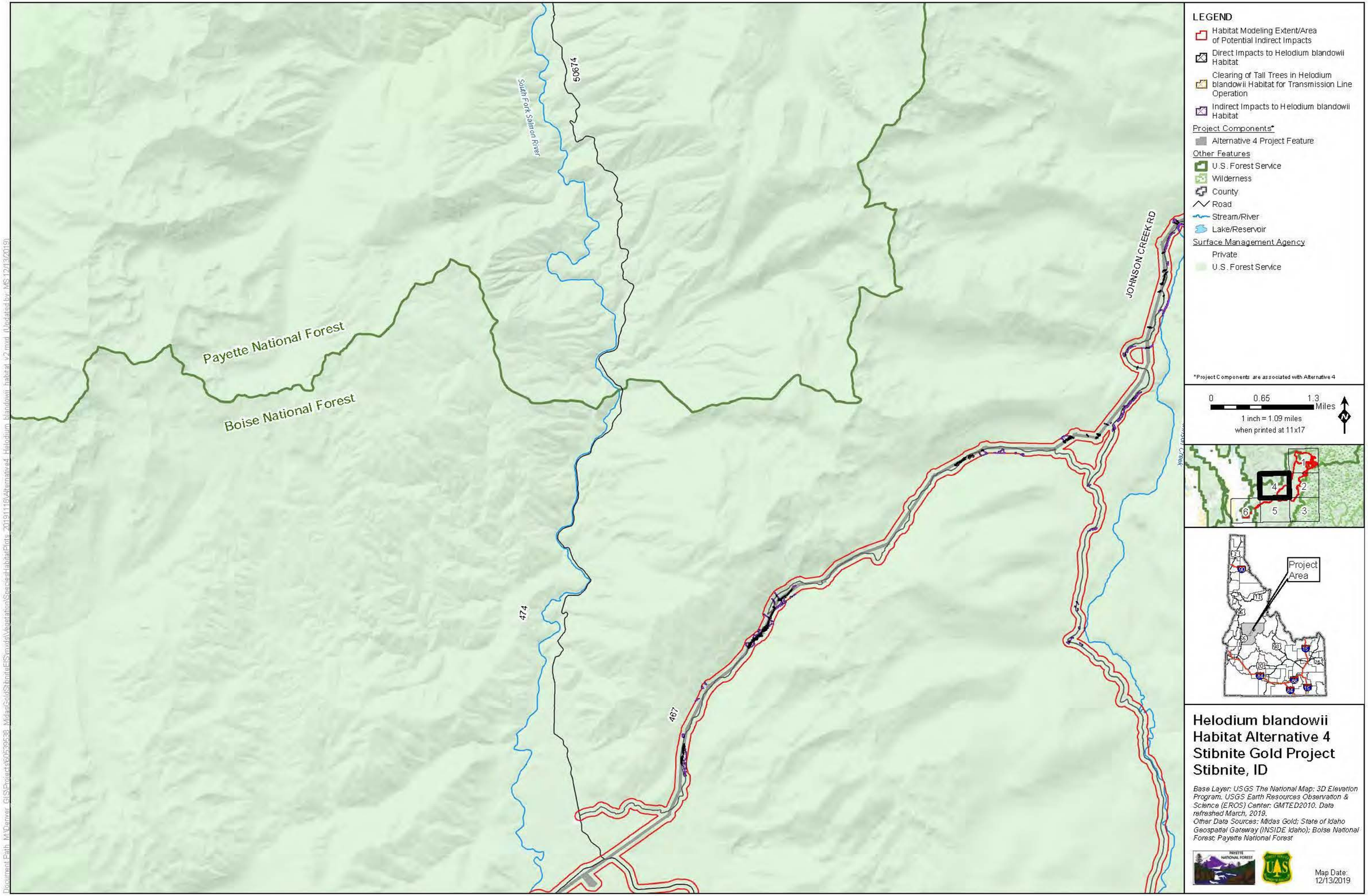


Helodium blandowii Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

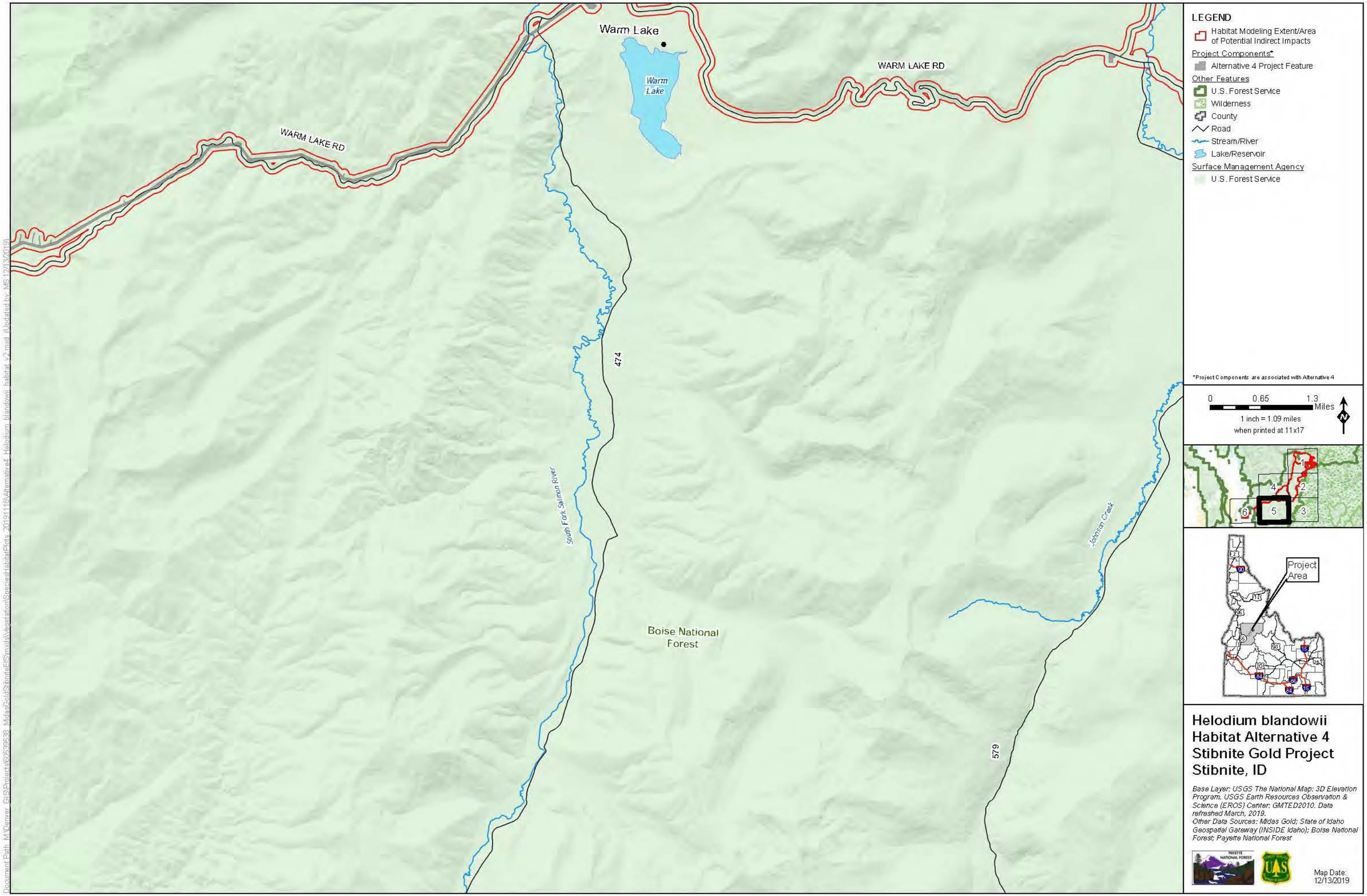
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

Document Path: M:\Denver_GIS\Projects\60539538_MidasGoldStibniteEIS\mxds\Vegetation\SpeciesHabitatPlots_20191118\Alternative4_Helodium_blandowii_habitat_v2.mxd (Updated by: MS 12/13/2019)



LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Helodium blandowii Habitat
Clearing of Tall Trees in Helodium blandowii Habitat for Transmission Line Operation
Indirect Impacts to Helodium blandowii Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Private
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
Payette National Forest
Boise National Forest
South Fork Salmon River
50674
474
467
JOHNSON CREEK RD
Project Area
Helodium blandowii Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019

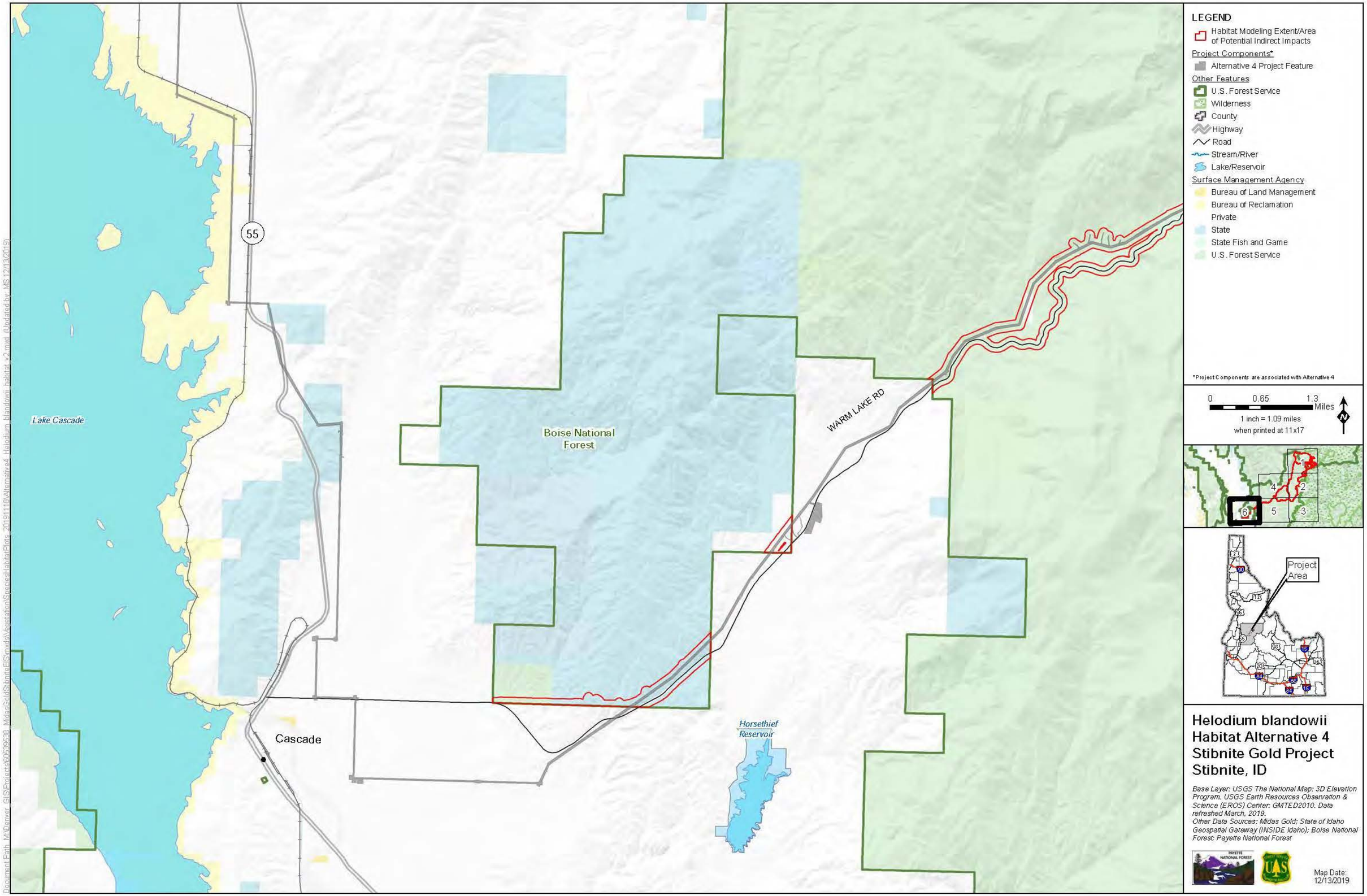


Helodium blandowii Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

Document Path: M:\Denver_GIS\Projects\60539538_MidasGoldStibniteEIS\mxds\Vegetation\SpeciesHabitatPlots_20191118\Alternative4_Helodium_blandowii_habitat_v2.mxd (Updated by: MS 12/13/2019)

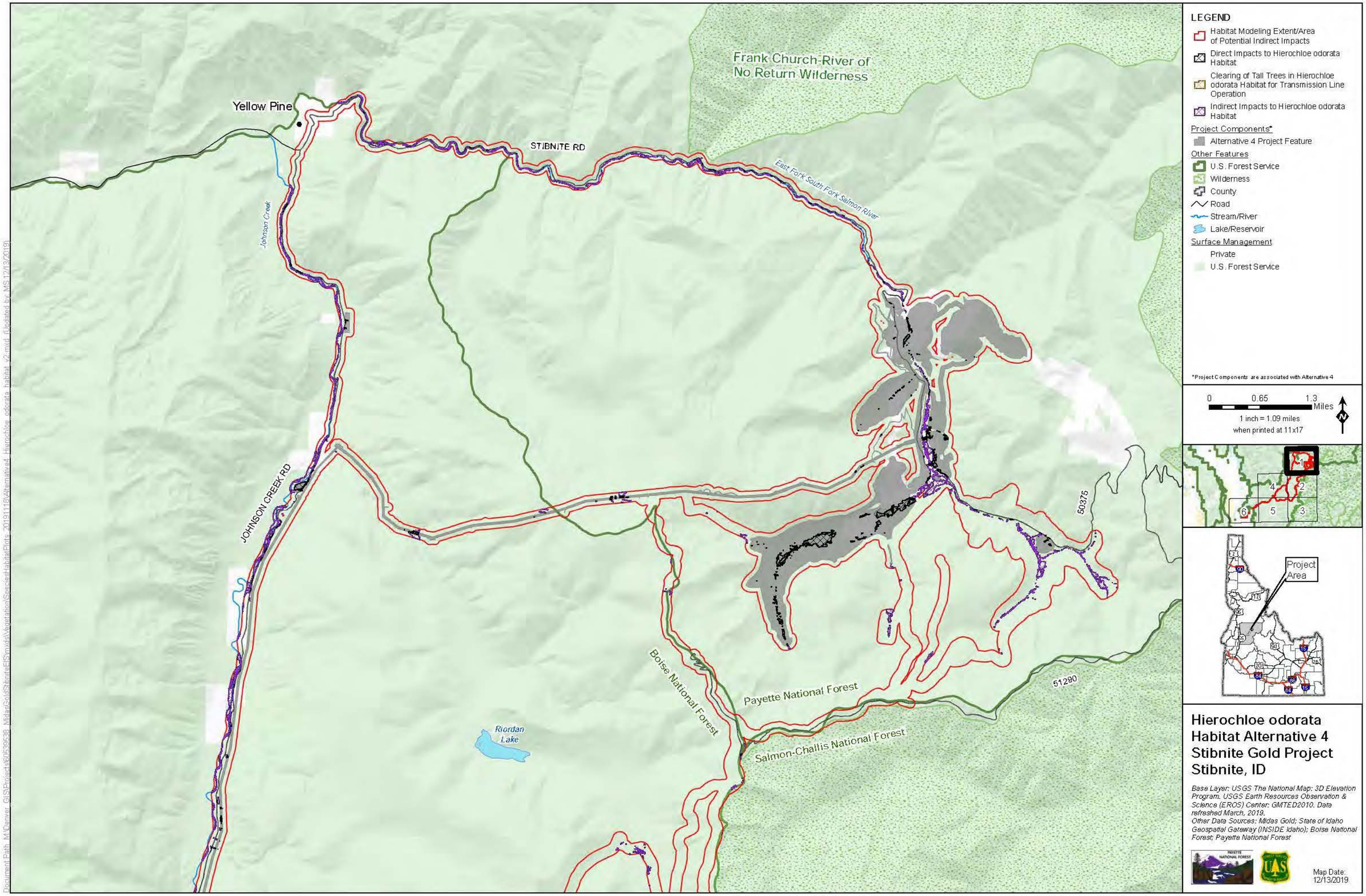


Helodium blandowii Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

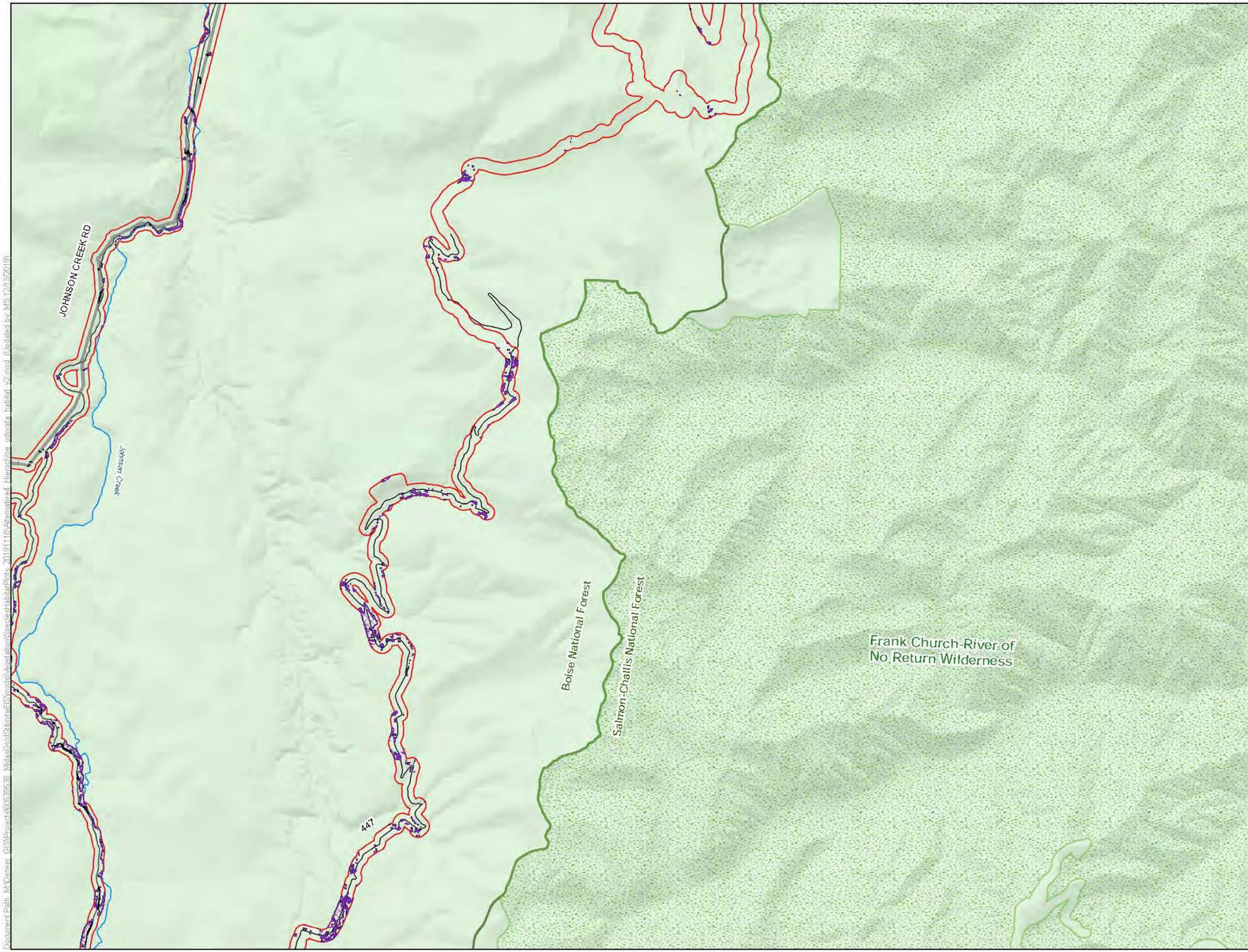
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

Document Path: M:\Denver_GIS\Projects\60539538_MidasGoldStibniteEIS\mxds\Vegetation\SpeciesHabitatPlots_20191118\Alternative4_Helodium_blandowii_habitat_v2.mxd (Updated by: MS 12/13/2019)



Yellow Pine
STIBNITE RD
Frank Church-River of No Return Wilderness
East Fork South Fork Salmon River
Johnson Creek
JOHNSON CREEK RD
Riordan Lake
Boise National Forest
Payette National Forest
Salmon-Challis National Forest
50375
51290
LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Hierochloe odorata Habitat
Clearing of Tall Trees in Hierochloe odorata Habitat for Transmission Line Operation
Indirect Impacts to Hierochloe odorata Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management
Private
U.S. Forest Service
*Project Components are associated with Alternative 4
0 0.65 1.3 Miles
1 inch = 1.09 miles when printed at 11x17
Project Area
Hierochloe odorata Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Hierochloe odorata Habitat
- Clearing of Tall Trees in Hierochloe odorata Habitat for Transmission Line Operation
- Indirect Impacts to Hierochloe odorata Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

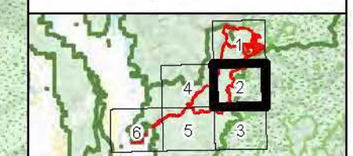
Surface Management

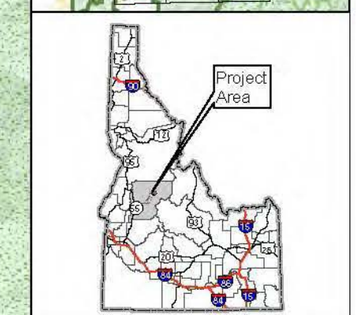
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



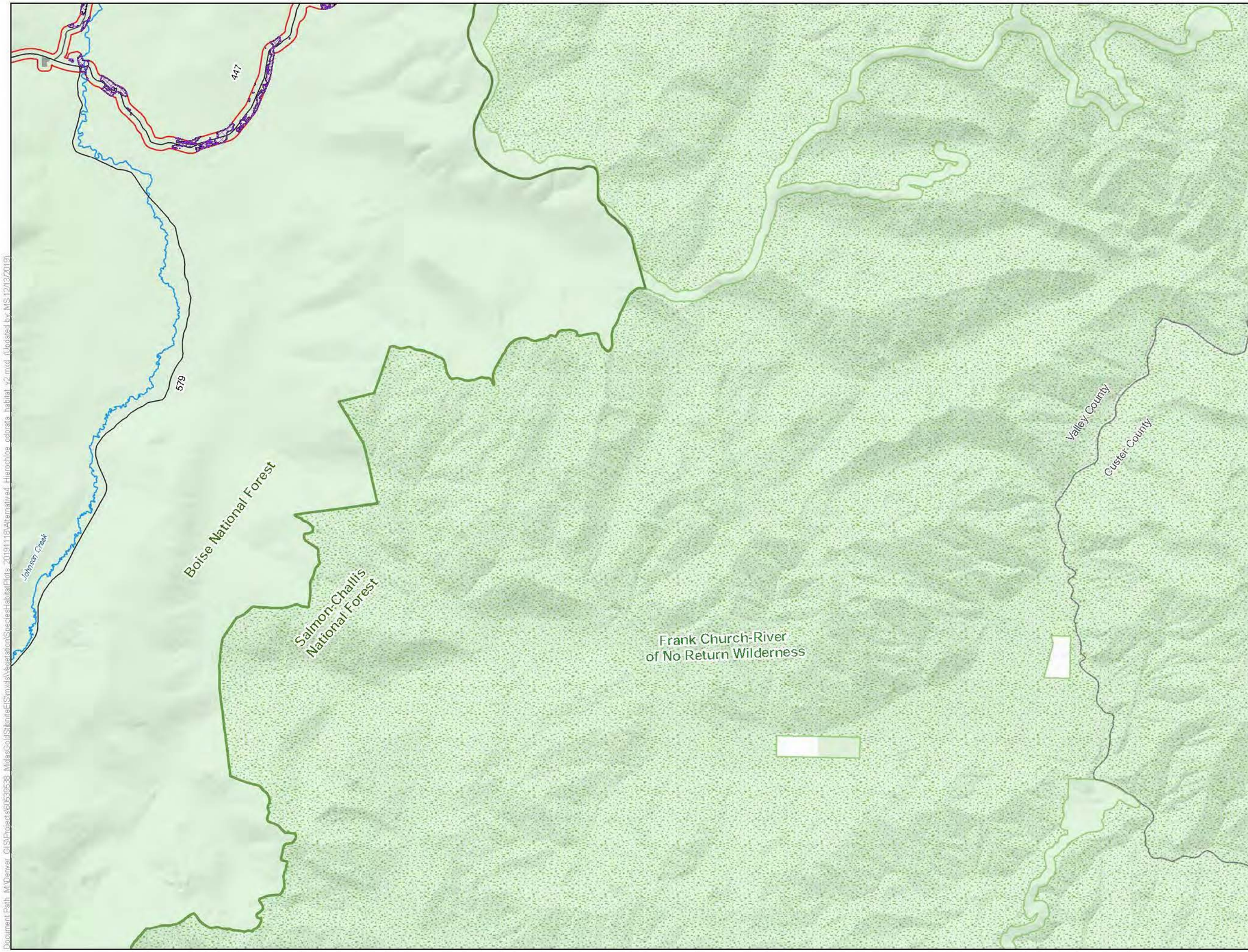


Hierochloe odorata Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

Document Path: M:\Denver_GIS\Projects\60539538_MidasGoldStibniteEIS\mxds\Vegetation\SpeciesHabitatPlots_20191118\Alternative4_Hierochloe_odorata_habitat_v2.mxd (Updated by: MS 12/13/2019)



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Hierochloe odorata Habitat
- Indirect Impacts to Hierochloe odorata Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

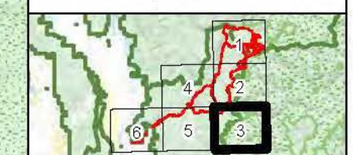
Surface Management Agency

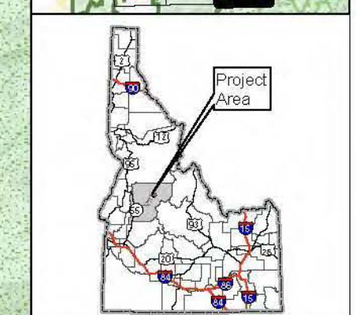
- Private
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



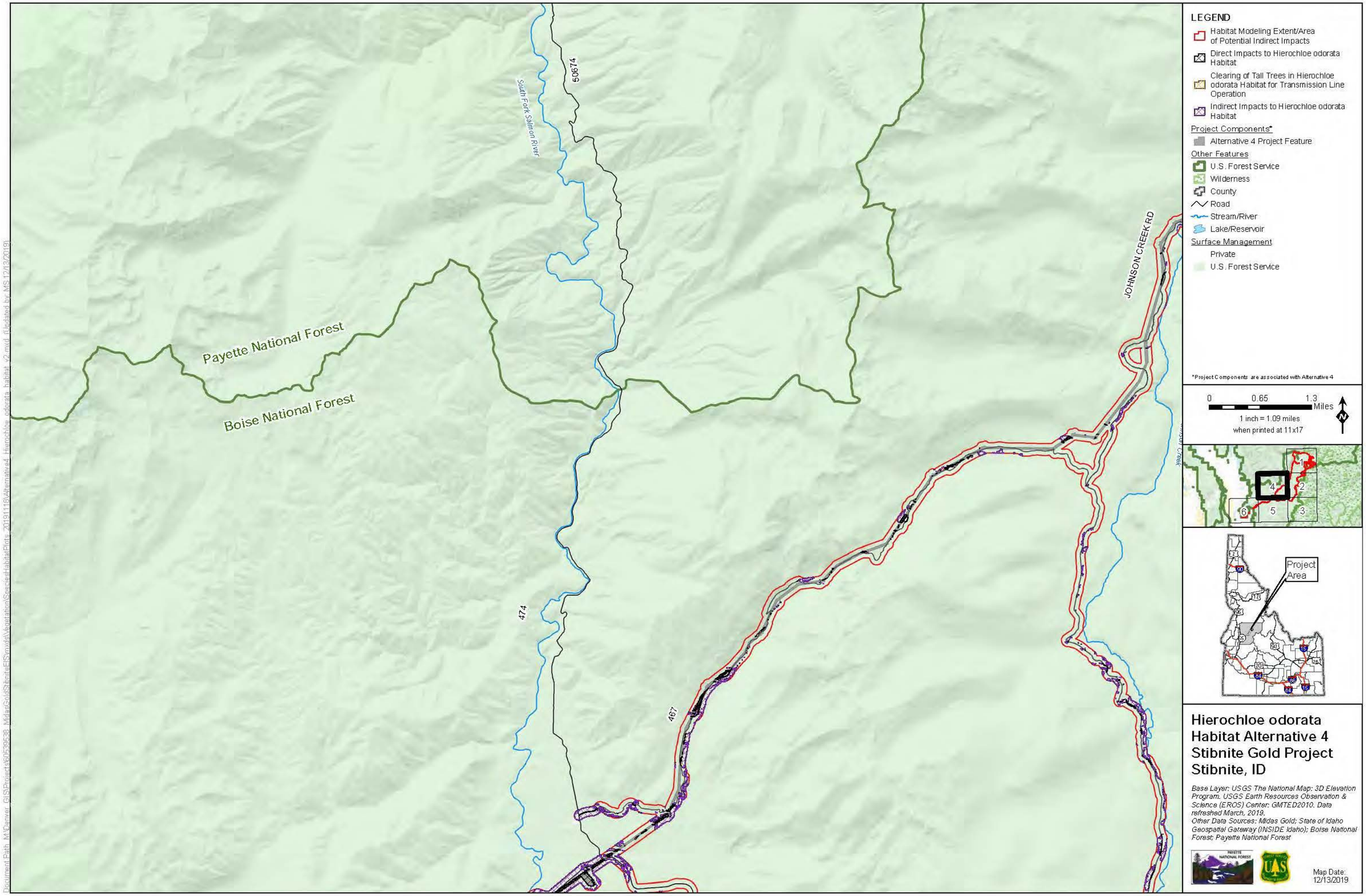


Hierochloe odorata Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

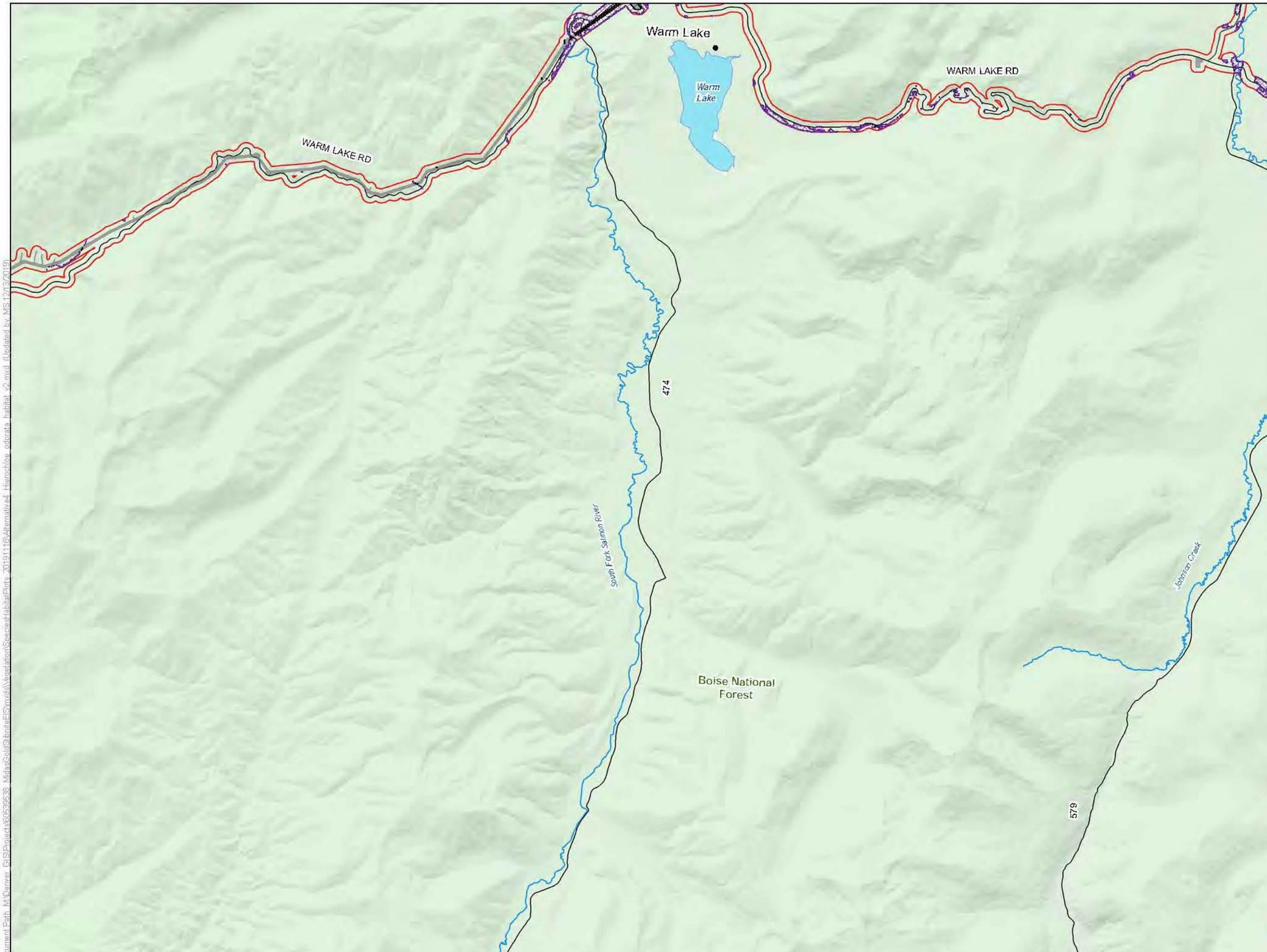
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

Document Path: M:\Denver_GIS\Projects\60539538_MidasGoldStibniteEIS\mxds\Vegetation\SpeciesHabitatPlots_20191118\Alternative4_Hierochloe_odorata_habitat_v2.mxd (Updated by: MS 12/13/2019)



LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Hierochloe odorata Habitat
Clearing of Tall Trees in Hierochloe odorata Habitat for Transmission Line Operation
Indirect Impacts to Hierochloe odorata Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management
Private
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
Project Area
Payette National Forest
Boise National Forest
South Fork Salmon River
50674
474
467
JOHNSON CREEK RD
Hierochloe odorata Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Hierochloe odorata Habitat
- Clearing of Tall Trees in Hierochloe odorata Habitat for Transmission Line Operation
- Indirect Impacts to Hierochloe odorata Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

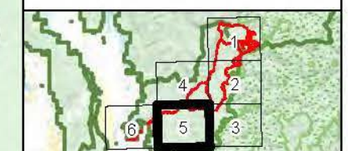
Surface Management Agency

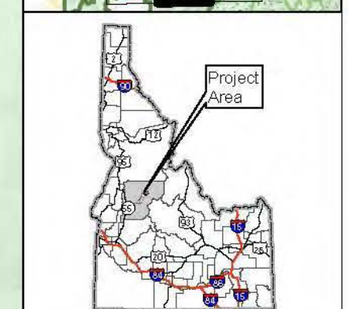
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



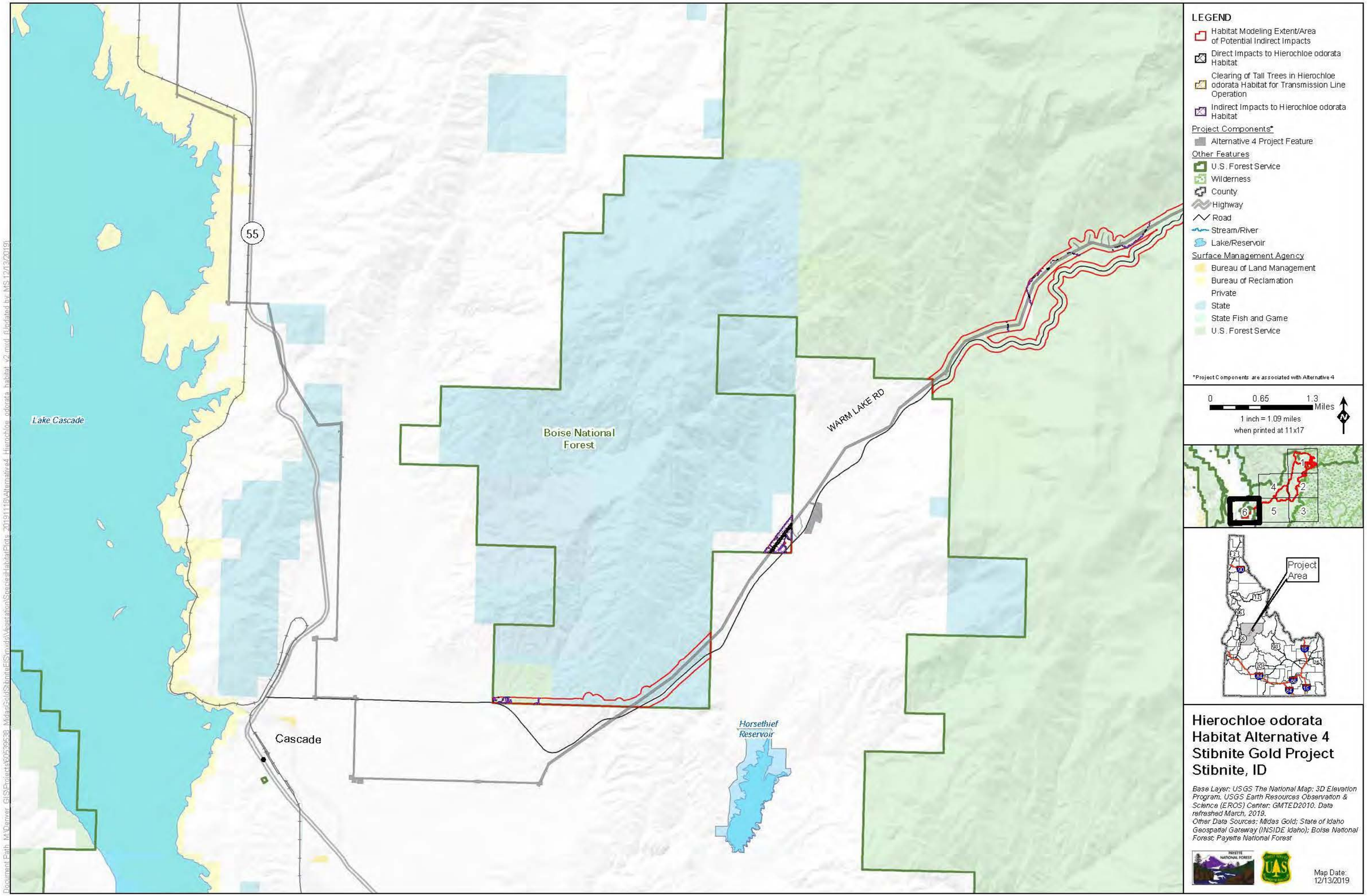


Hierochloe odorata Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

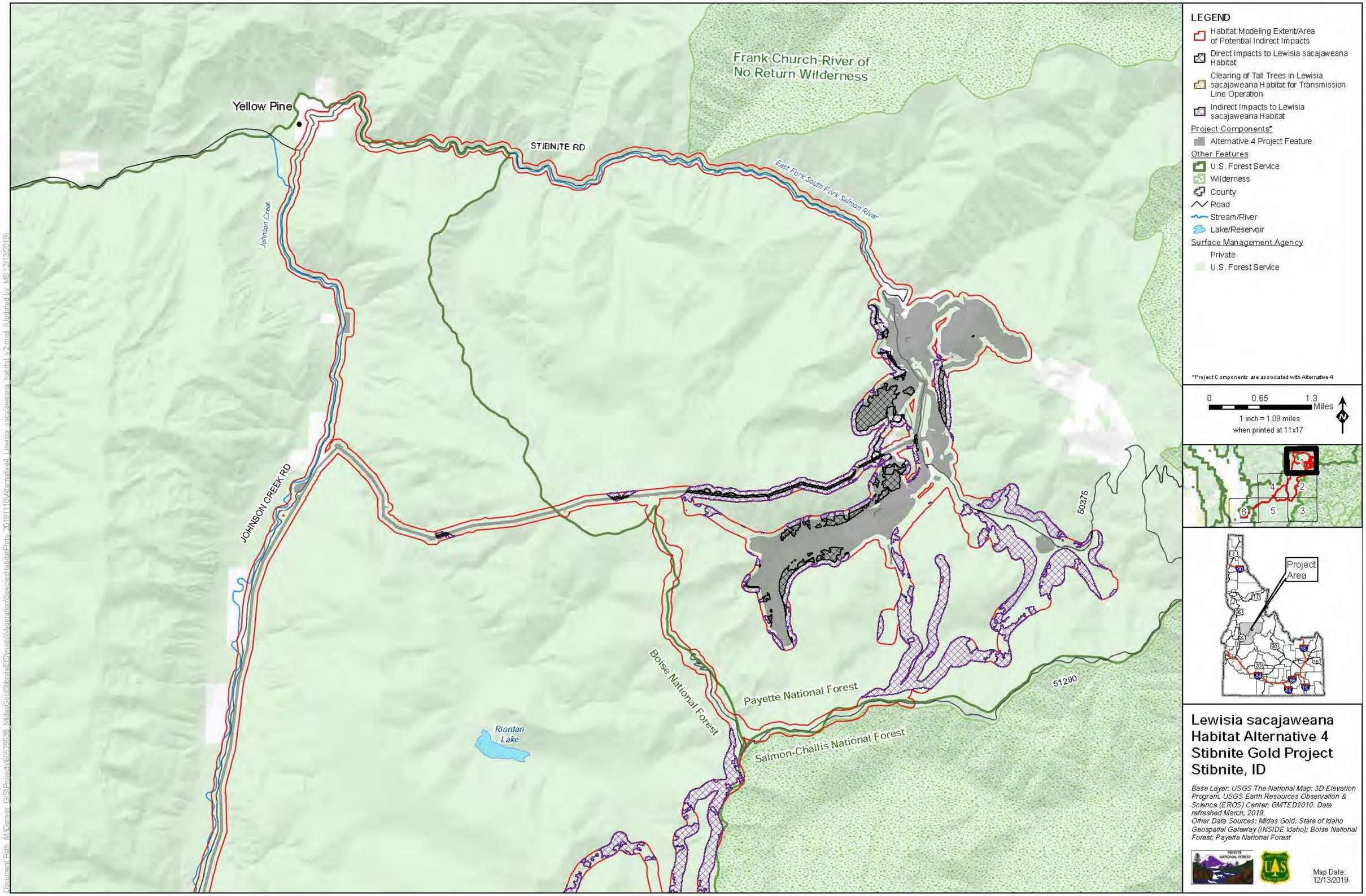
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

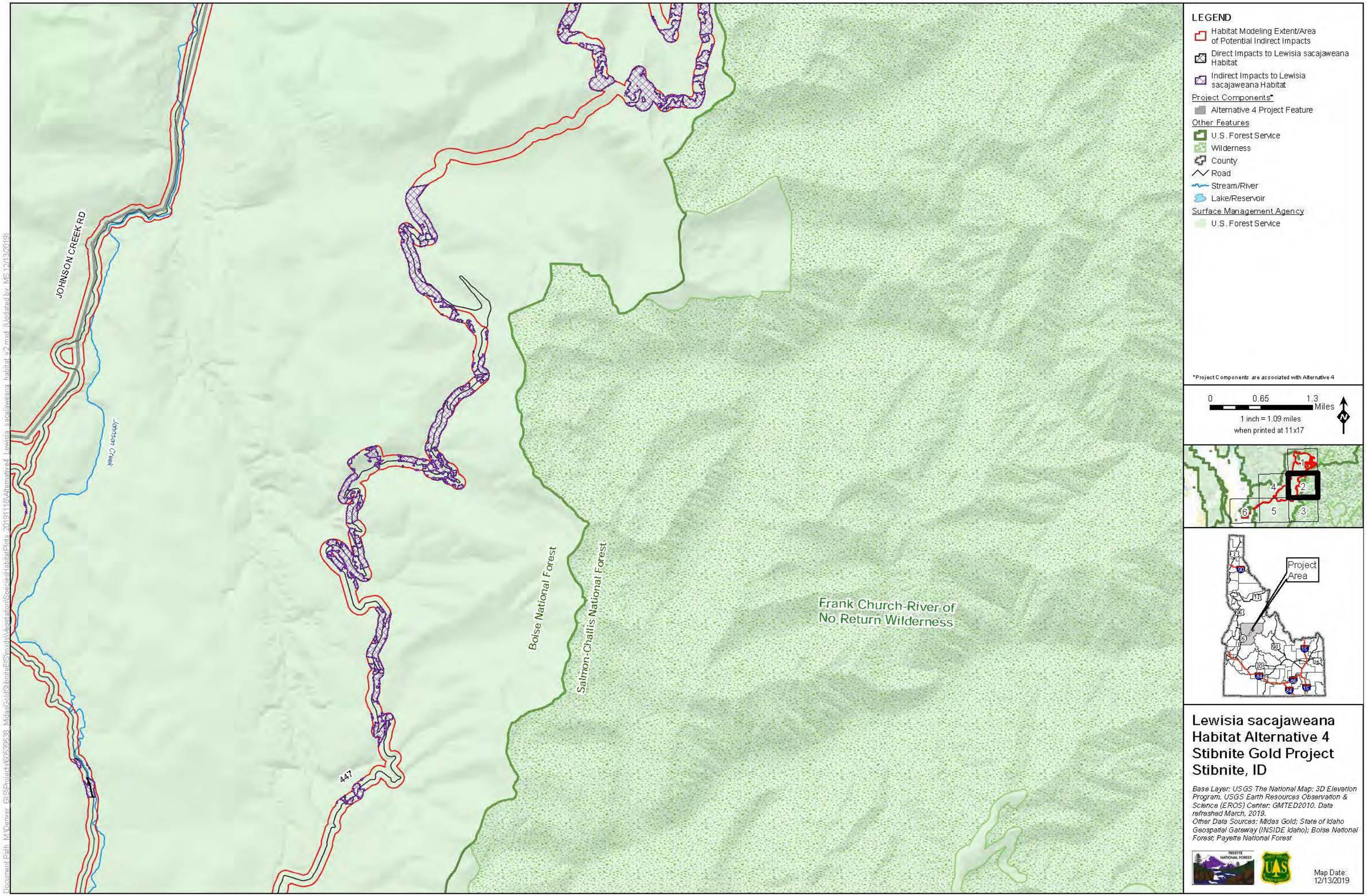
Document Path: M:\Denver_GIS\Projects\60539538_MidasGoldStibniteEIS\mxds\Vegetation\SpeciesHabitatPlots_20191113\Alternative4_Hierochloe_odorata_habitat_v2.mxd (Updated by MS 12/13/2019)



LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Hierochloe odorata Habitat
Clearing of Tall Trees in Hierochloe odorata Habitat for Transmission Line Operation
Indirect Impacts to Hierochloe odorata Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Highway
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Bureau of Land Management
Bureau of Reclamation
Private
State
State Fish and Game
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
N
Project Area
Lake Cascade
55
Boise National Forest
WARM LAKE RD
Cascade
Horsethief Reservoir
Hierochloe odorata Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



Yellow Pine
STIBNITE RD
Frank Church-River of No Return Wilderness
East Fork South Fork Salmon River
Johnson Creek
JOHNSON CREEK RD
Riordan Lake
Boise National Forest
Payette National Forest
Salmon-Challis National Forest
50375
51290
LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Lewisia sacajaweana Habitat
Clearing of Tall Trees in Lewisia sacajaweana Habitat for Transmission Line Operation
Indirect Impacts to Lewisia sacajaweana Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Private
U.S. Forest Service
*Project Components are associated with Alternative 4
0 0.65 1.3 Miles
1 inch = 1.09 miles when printed at 11x17
Project Area
Lewisia sacajaweana Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



Lewisia sacajaweana Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

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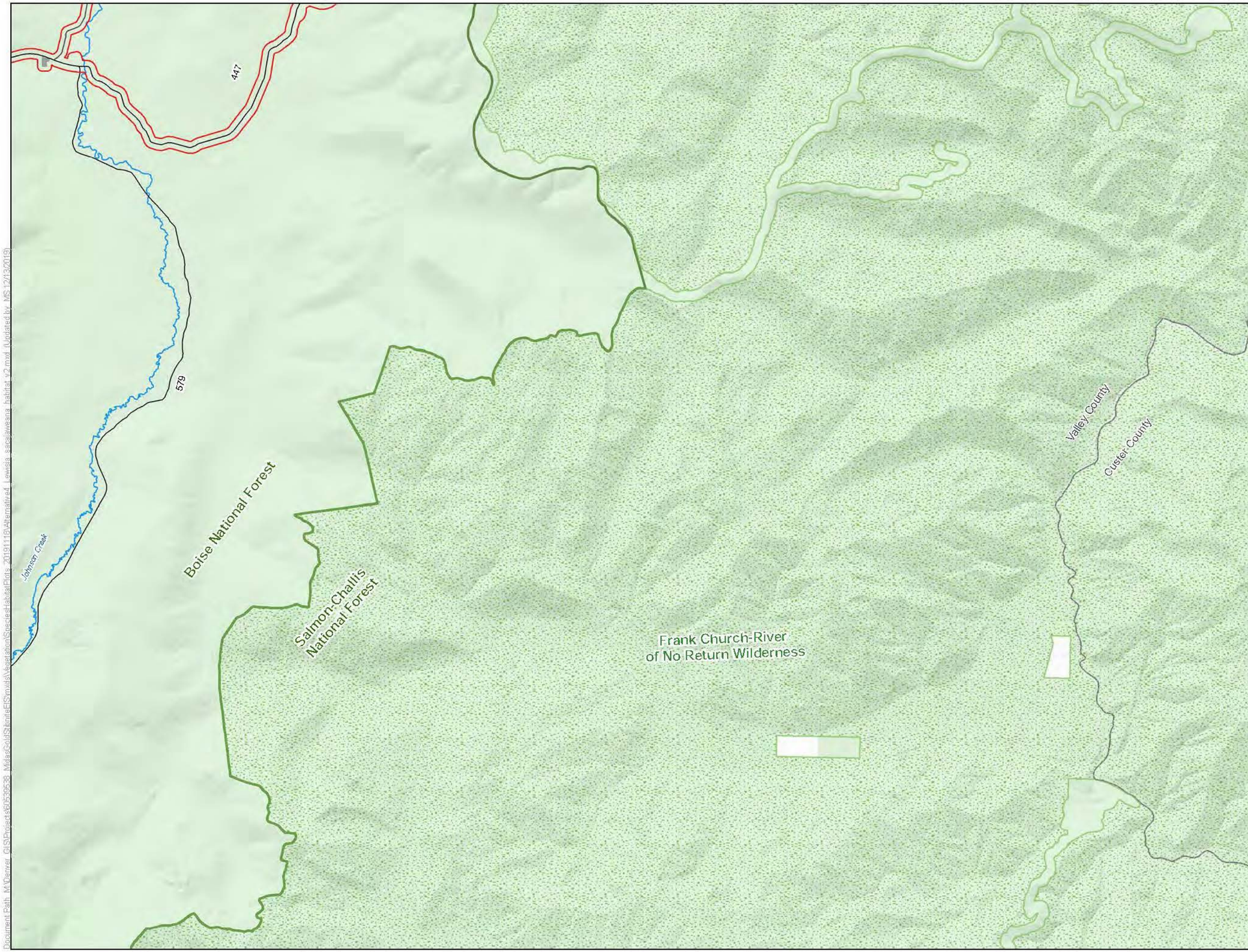


LEGEND

Habitat Modeling Extent/Area of Potential Indirect Impacts

Project Components*

Alternative 4 Project Feature

Other Features

U.S. Forest Service

Wilderness

County

Road

Stream/River

Lake/Reservoir

Surface Management Agency

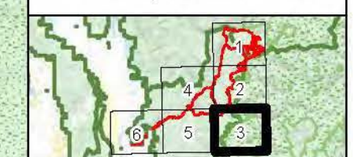
Private

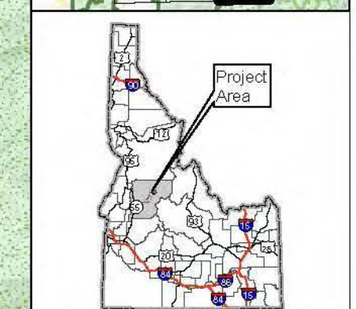
U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



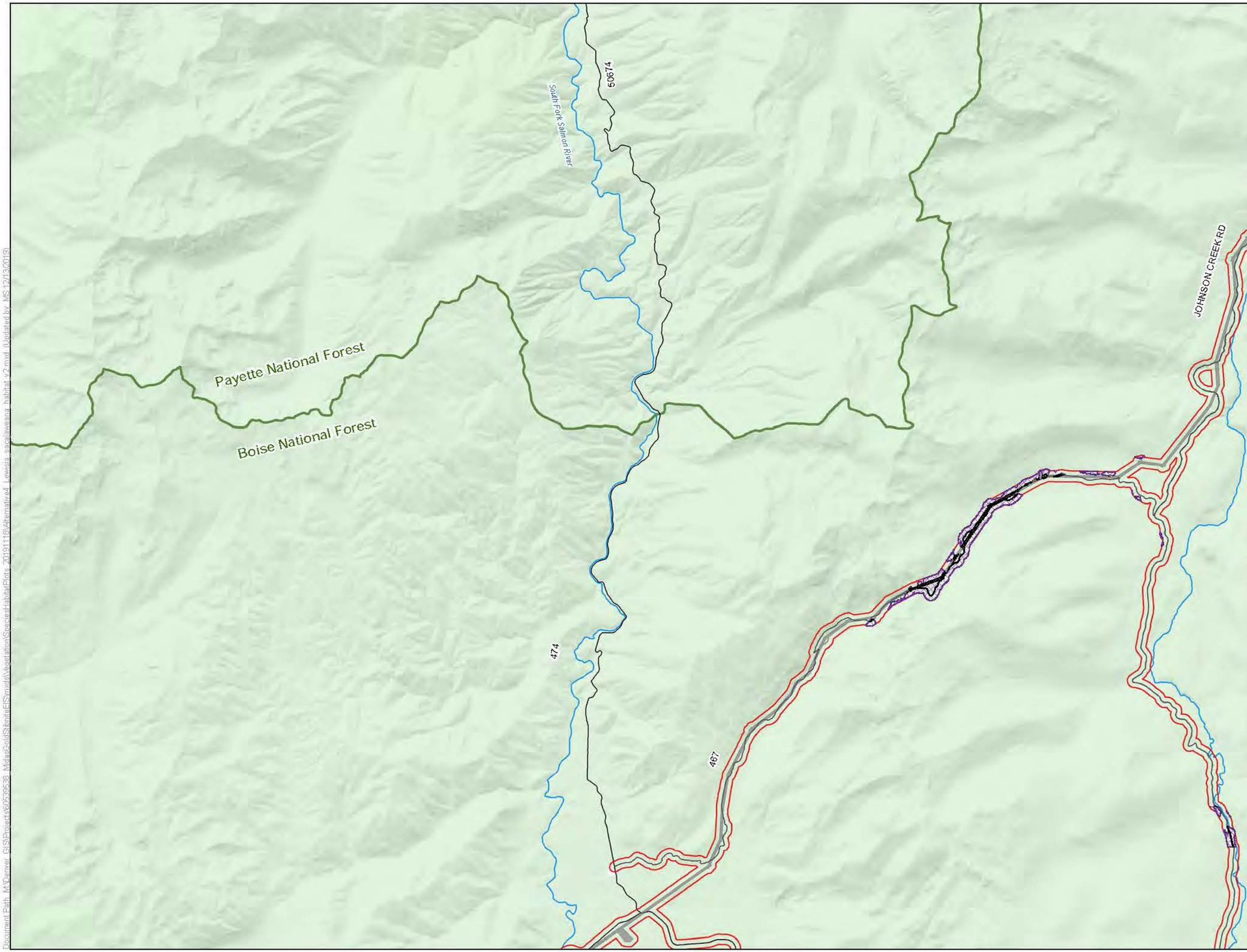


Lewisia sacajaweana Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

Document Path: M:\Denver_GIS\Projects\60539538_MidasGoldStibniteEIS\mxds\Vegetation\SpeciesHabitatPlots_20191118\Alternative4_Lewisia_sacajaweana_habitat_v2.mxd (Updated by: MS 12/13/2019)



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Lewisia sacajaweana Habitat
- Clearing of Tall Trees in Lewisia sacajaweana Habitat for Transmission Line Operation
- Indirect Impacts to Lewisia sacajaweana Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

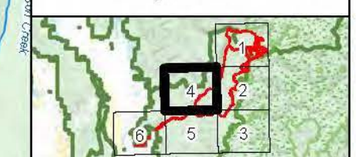
Surface Management Agency

- Private
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



Lewisia sacajaweana Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

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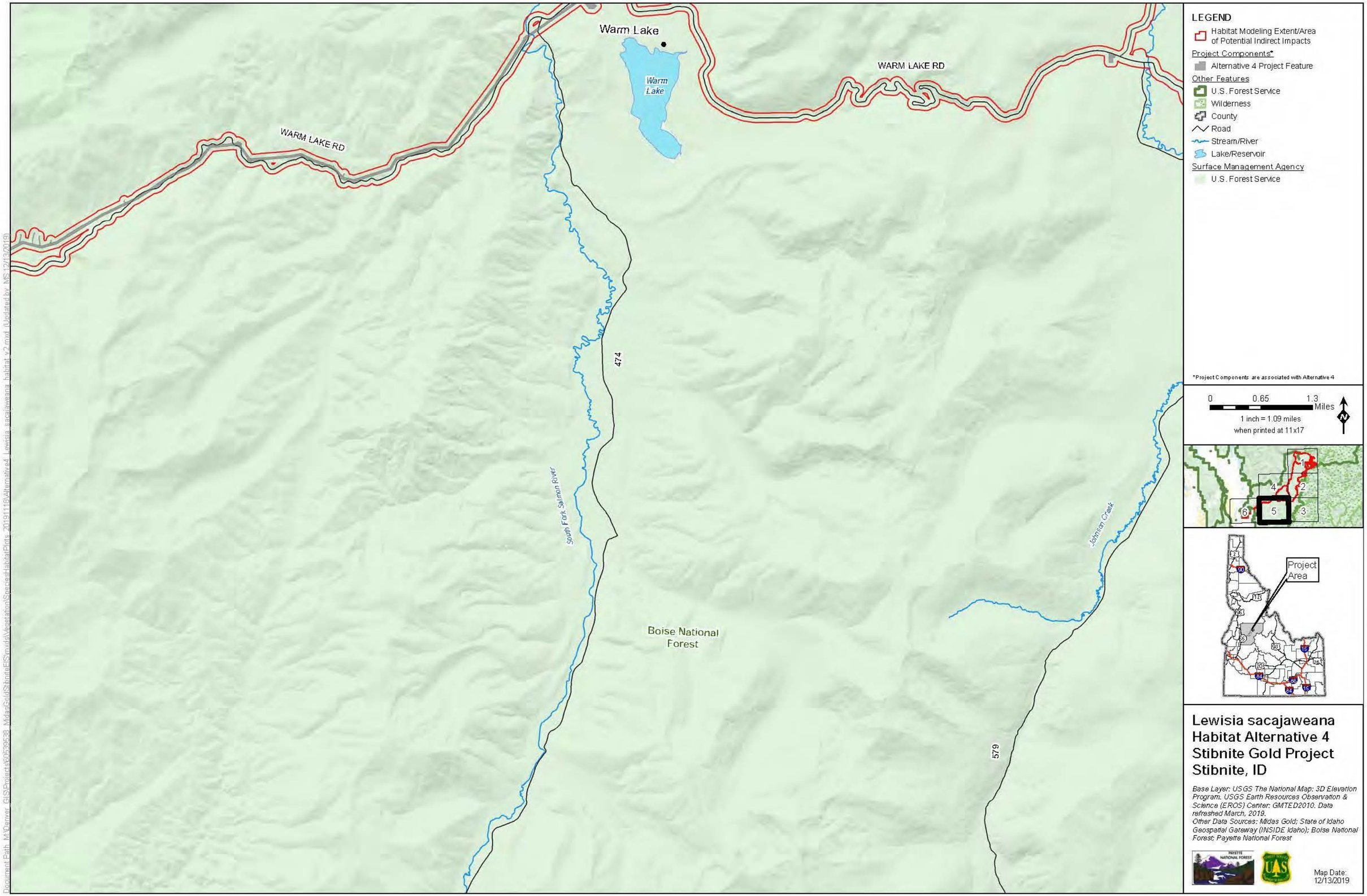

Lewisia sacajaweana Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

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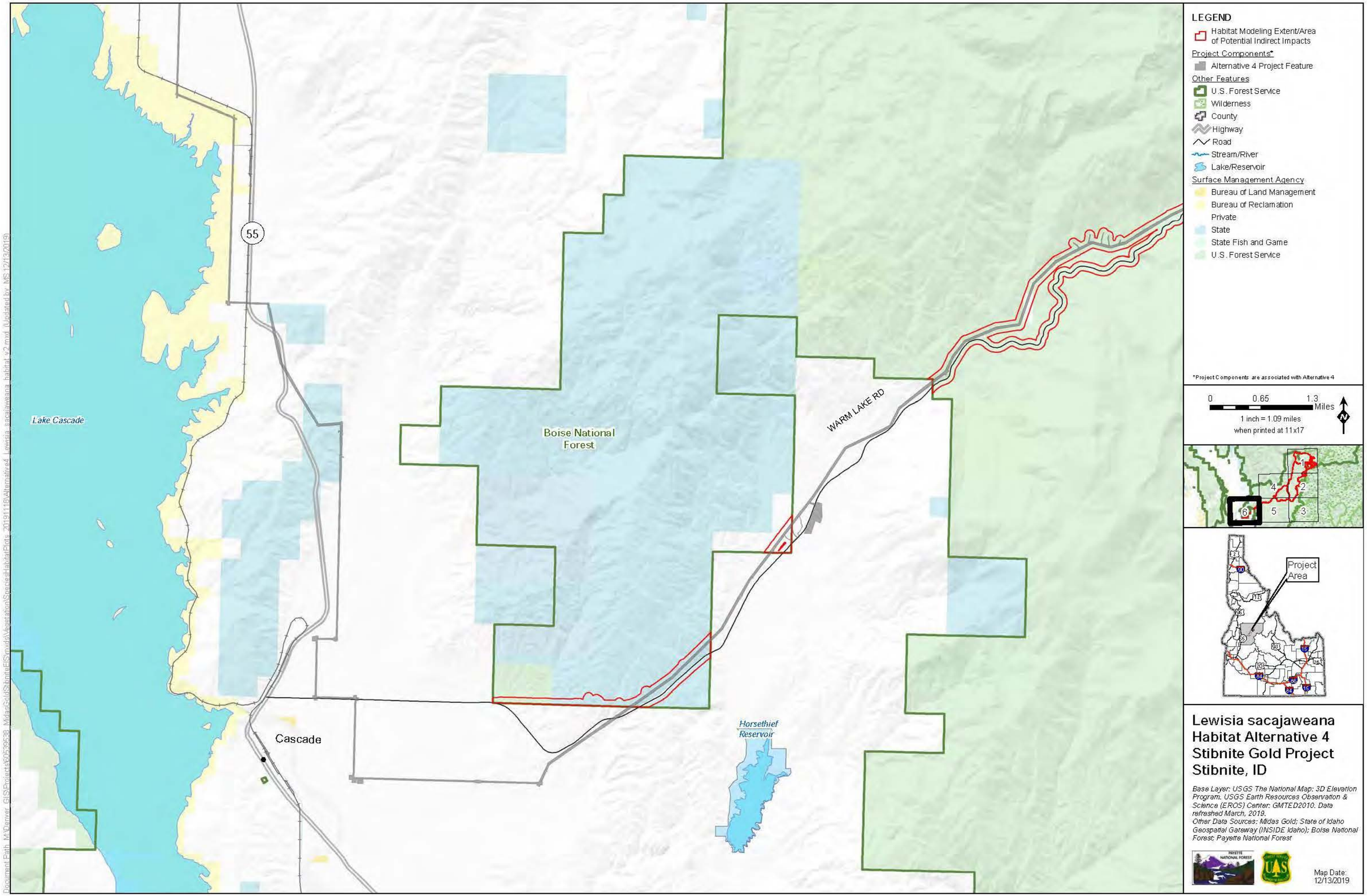
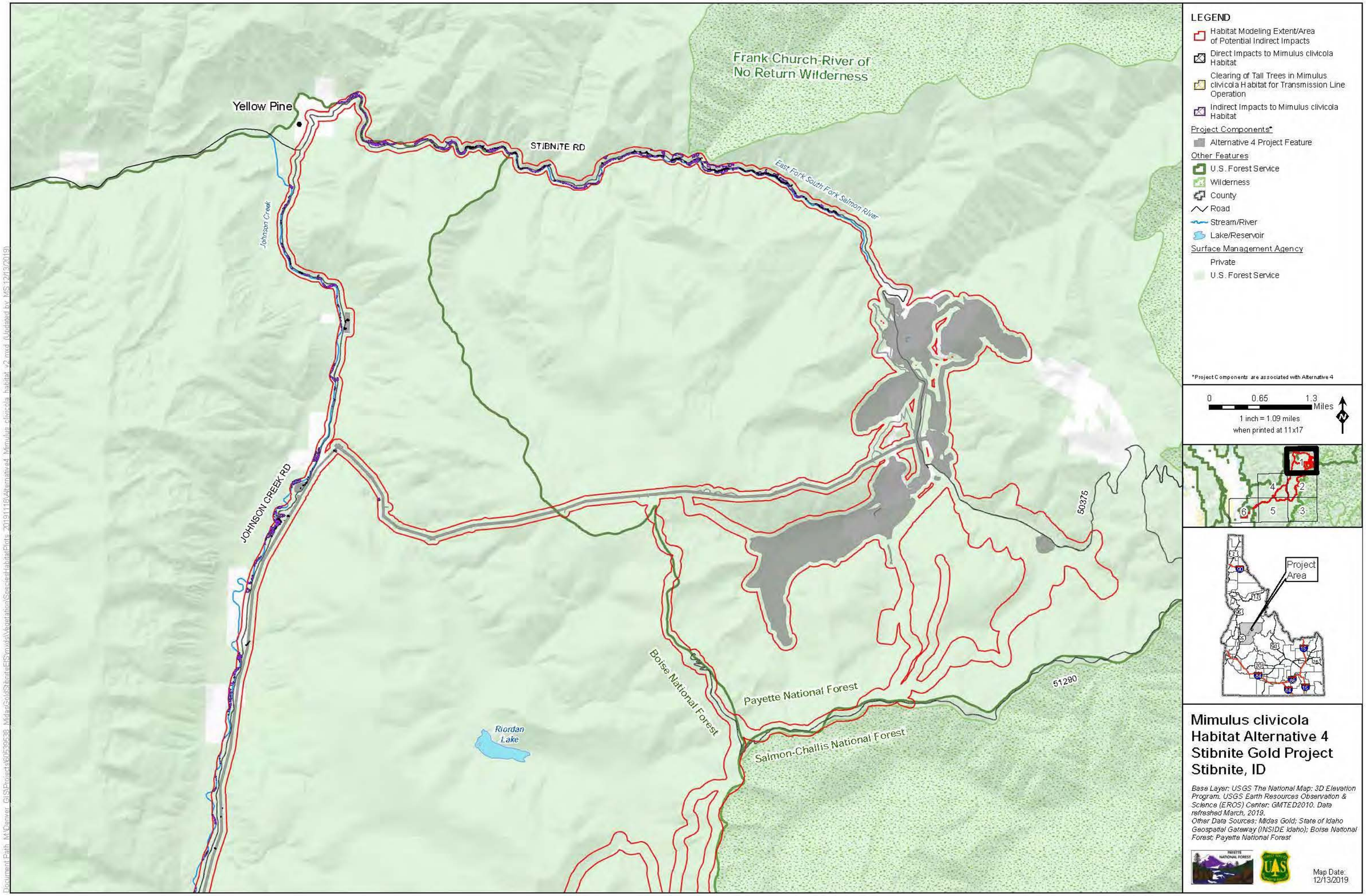
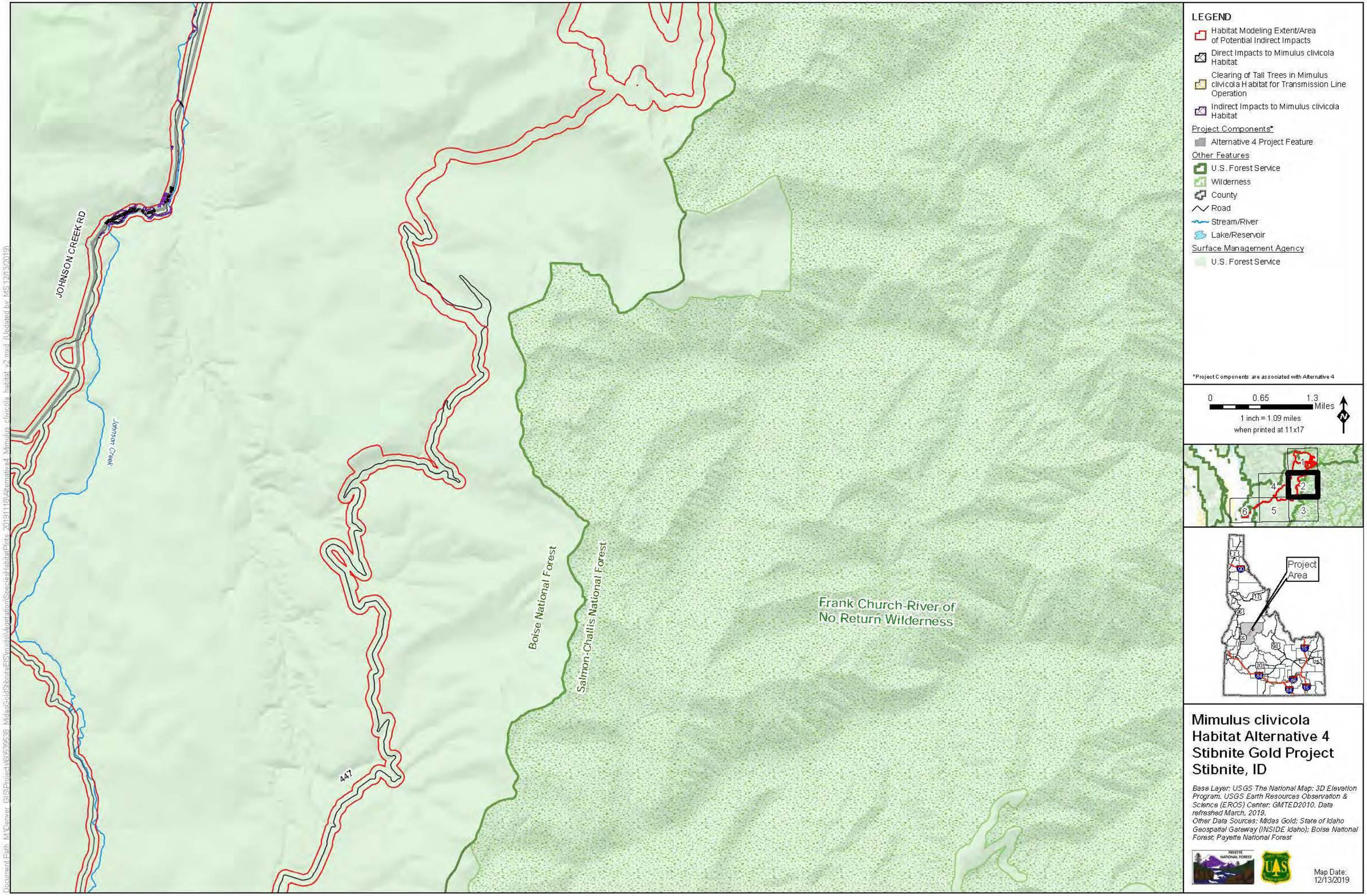


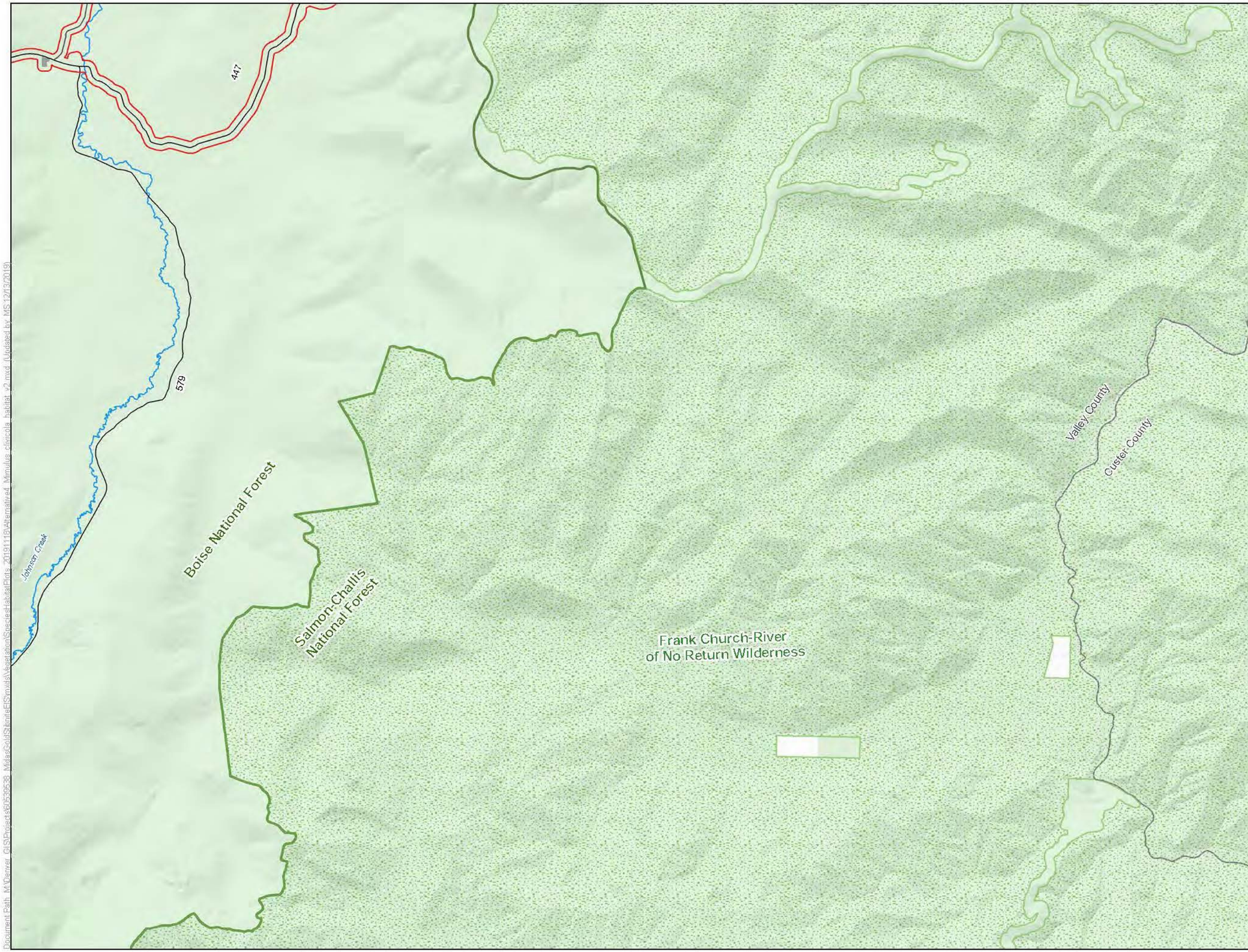
LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Highway
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Bureau of Land Management
Bureau of Reclamation
Private
State
State Fish and Game
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
N
Project Area
Lake Cascade
55
Boise National Forest
WARM LAKE RD
Cascade
Horsethief Reservoir
Lewisia sacajaweana Habitat Alternative 4
Stibnite Gold Project
Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



Yellow Pine
STIBNITE RD
Frank Church-River of No Return Wilderness
East Fork South Fork Salmon River
Johnson Creek
JOHNSON CREEK RD
50375
51290
Boise National Forest
Payette National Forest
Salmon-Challis National Forest
Riordan Lake
LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Mimulus clivicola Habitat
Clearing of Tall Trees in Mimulus clivicola Habitat for Transmission Line Operation
Indirect Impacts to Mimulus clivicola Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Private
U.S. Forest Service
*Project Components are associated with Alternative 4
0 0.65 1.3 Miles
1 inch = 1.09 miles when printed at 11x17
Project Area
Mimulus clivicola Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



JOHNSON CREEK RD
Johnson Creek
447
Boise National Forest
Salmon-Challis National Forest
Frank Church-River of No Return Wilderness
LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Mimulus clivicola Habitat
Clearing of Tall Trees in Mimulus clivicola Habitat for Transmission Line Operation
Indirect Impacts to Mimulus clivicola Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
N
1
2
3
4
5
6
Project Area
Mimulus clivicola Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

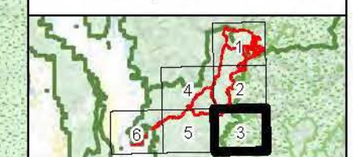
Surface Management Agency

- Private
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17

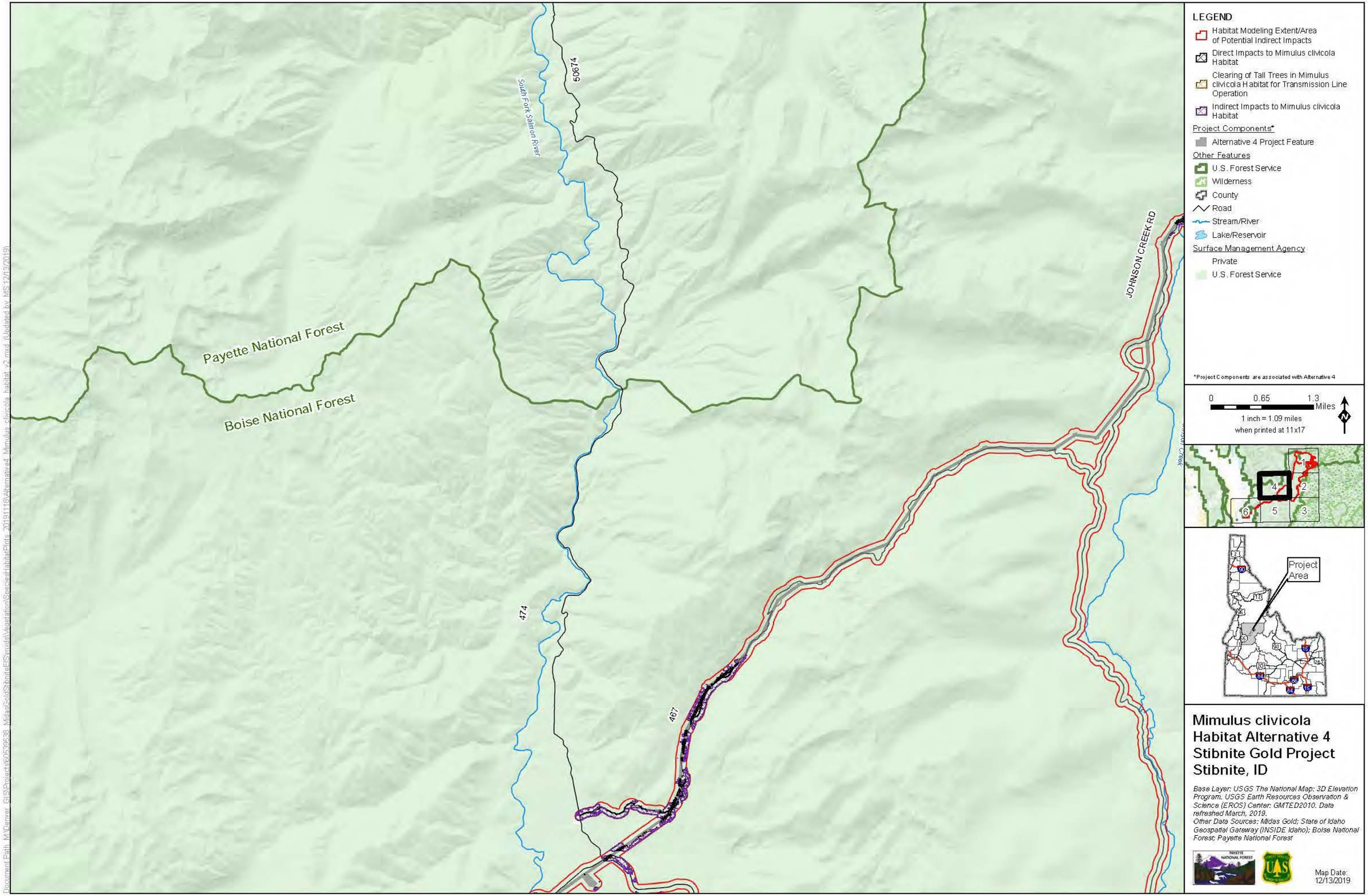


Mimulus clivicola Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

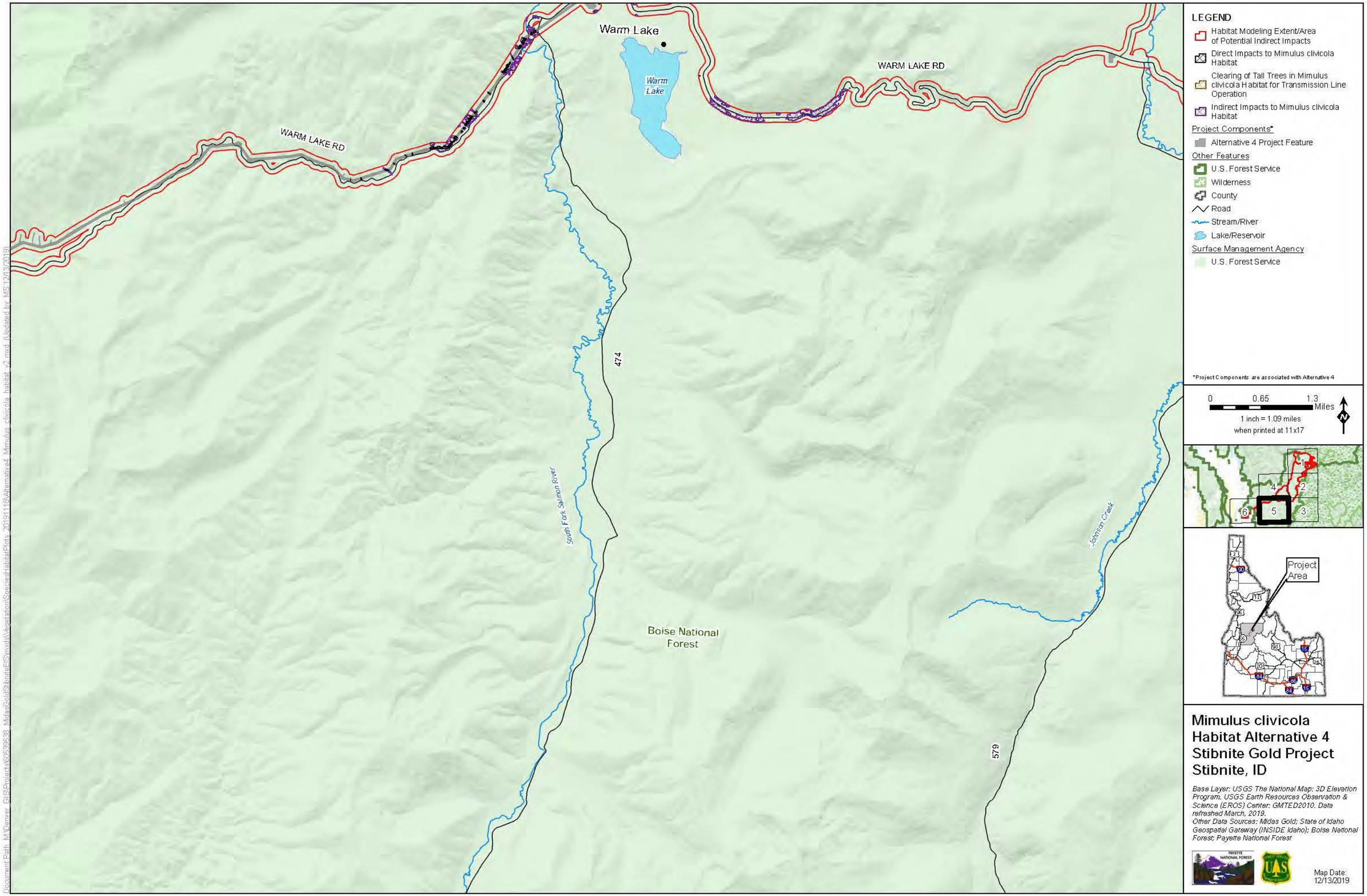
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

Document Path: M:\Denver_GIS\Projects\60559538_MidasGoldStibniteEIS\mxd\Vegetation\SpeciesHabitatPlots_20191113\Alternative4_Mimulus clivicola habitat v2.mxd (Updated by MS 12/13/2019)



LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Mimulus clivicola Habitat
Clearing of Tall Trees in Mimulus clivicola Habitat for Transmission Line Operation
Indirect Impacts to Mimulus clivicola Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Private
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
N
Payette National Forest
Boise National Forest
South Fork Salmon River
50674
474
467
JOHNSON CREEK RD
Project Area
Mimulus clivicola Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



Mimulus clivicola Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

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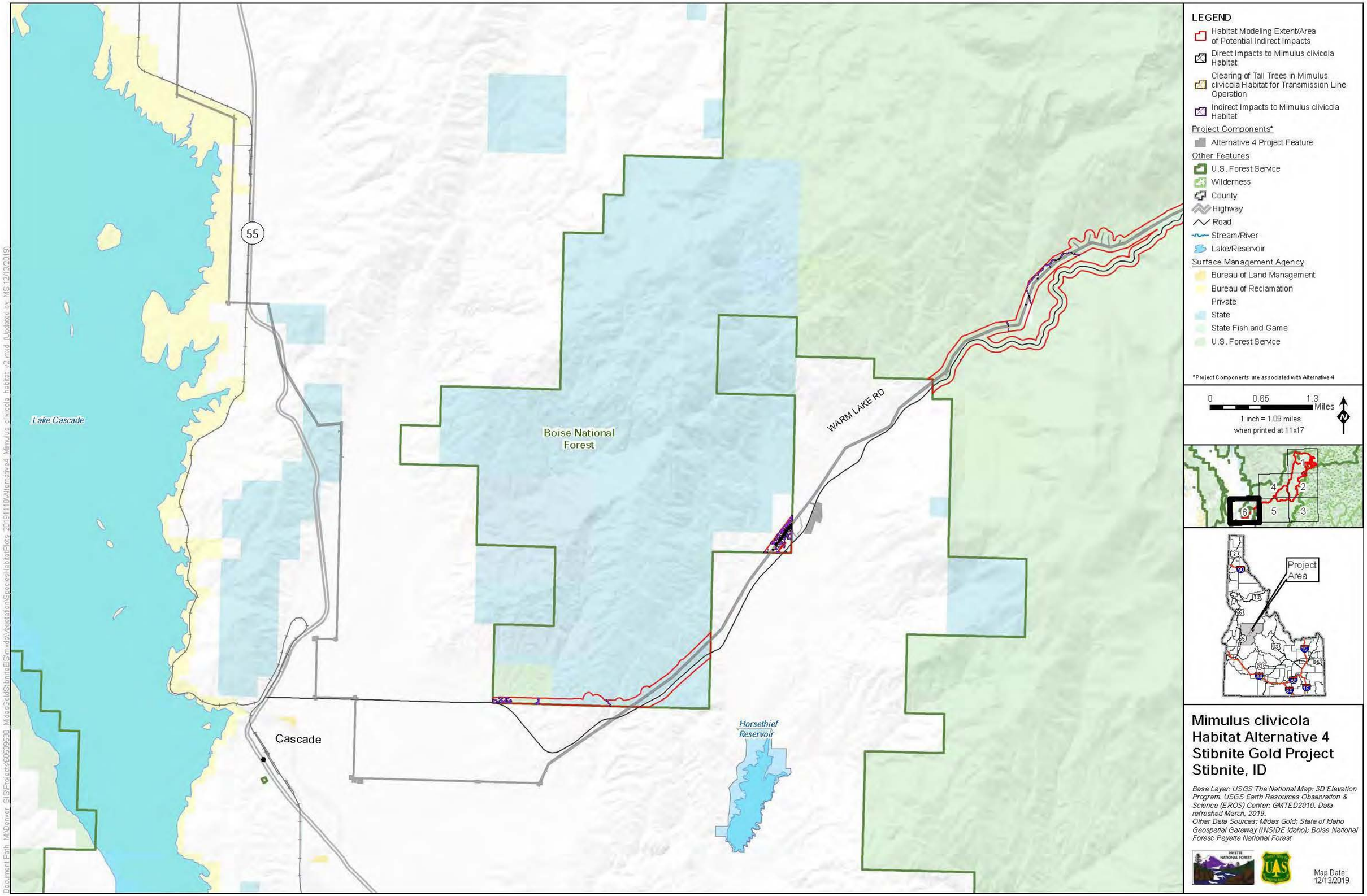
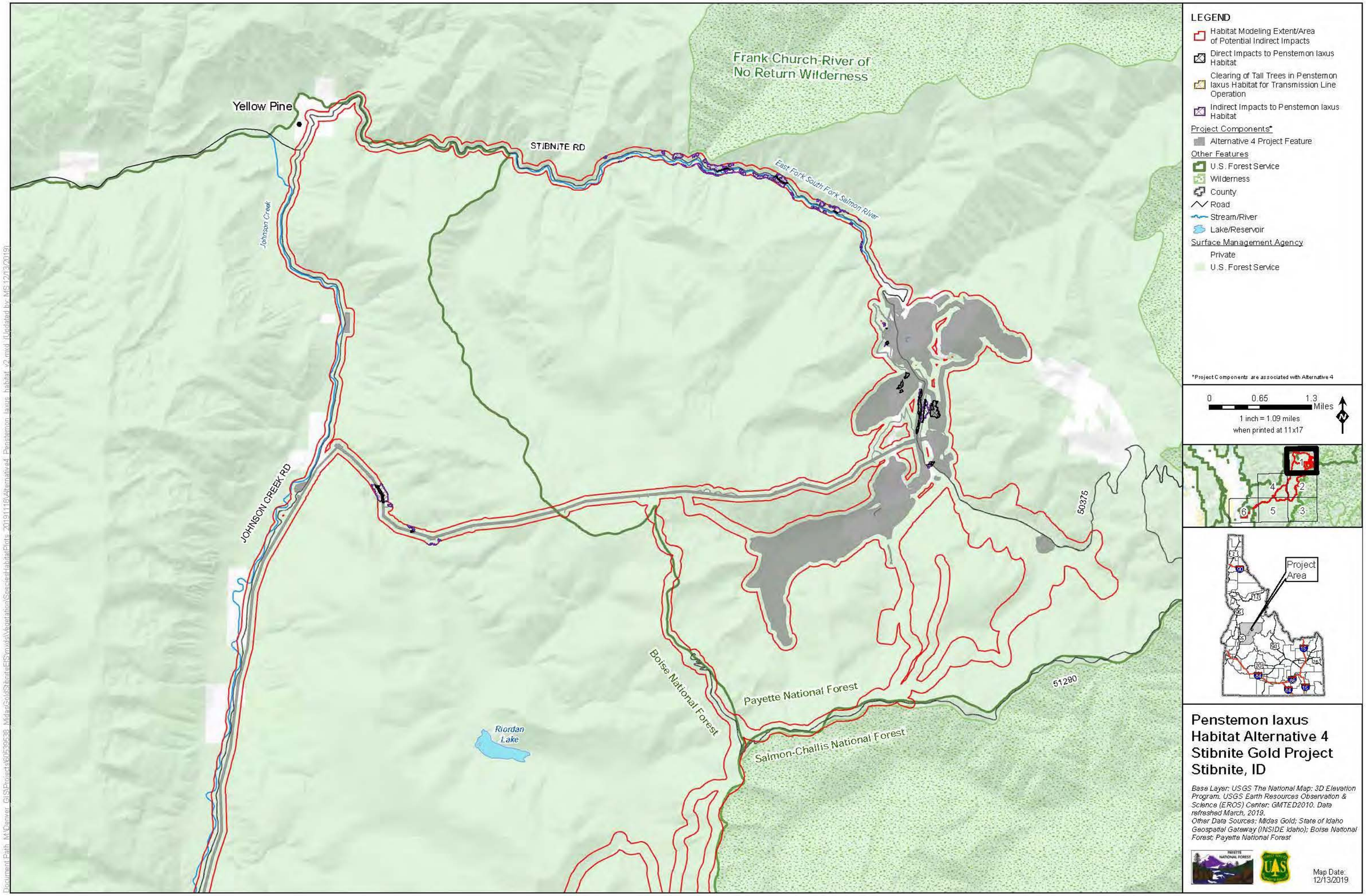


LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Mimulus clivicola Habitat
Clearing of Tall Trees in Mimulus clivicola Habitat for Transmission Line Operation
Indirect Impacts to Mimulus clivicola Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Highway
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Bureau of Land Management
Bureau of Reclamation
Private
State
State Fish and Game
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
N
Project Area
Lake Cascade
55
Boise National Forest
WARM LAKE RD
Cascade
Horsethief Reservoir
Mimulus clivicola Habitat Alternative 4
Stibnite Gold Project
Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



Penstemon laxus Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

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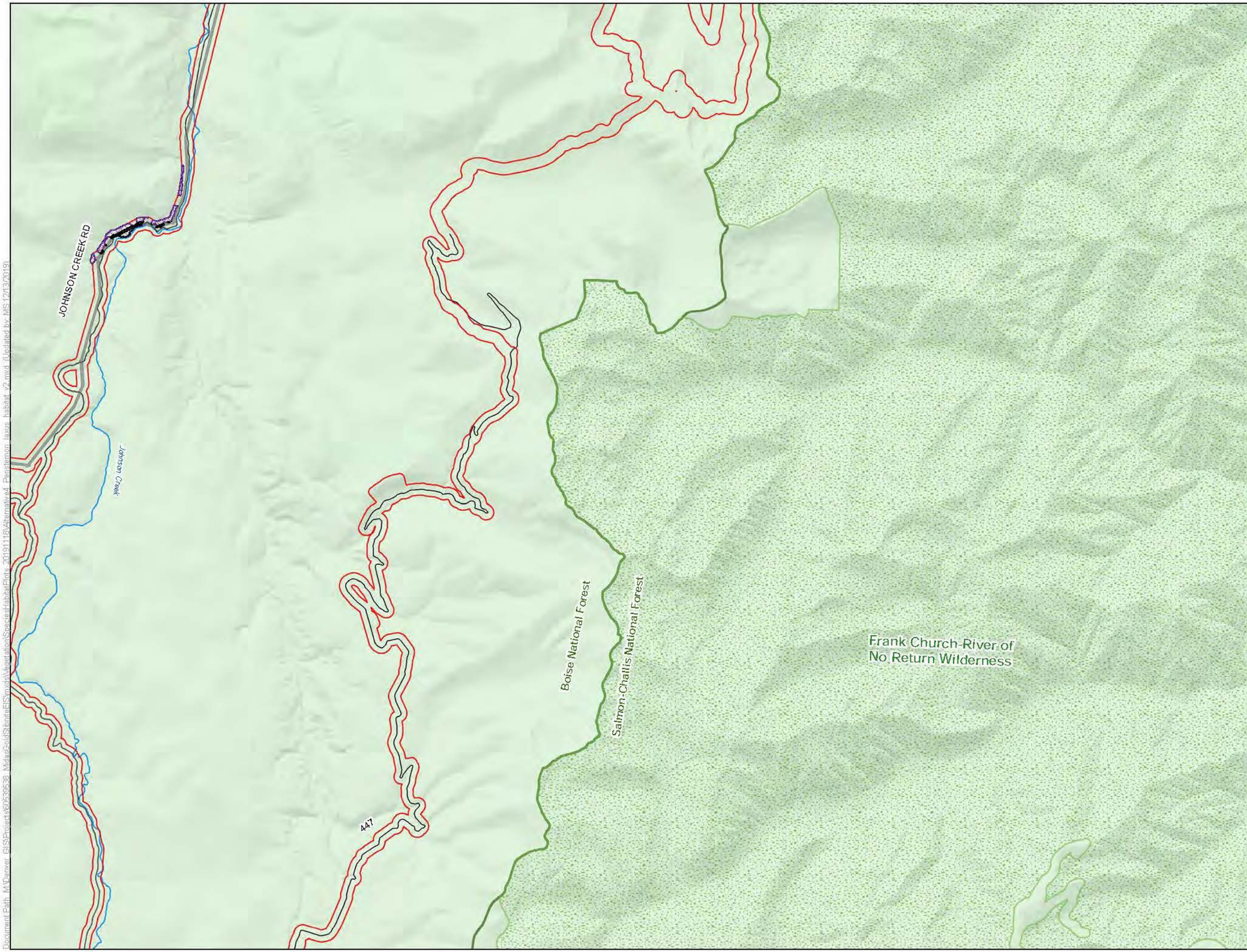


LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Penstemon laxus Habitat
- Clearing of Tall Trees in Penstemon laxus Habitat for Transmission Line Operation
- Indirect Impacts to Penstemon laxus Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

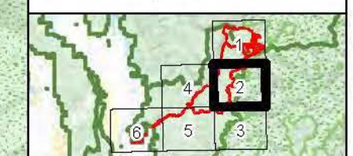
Surface Management Agency

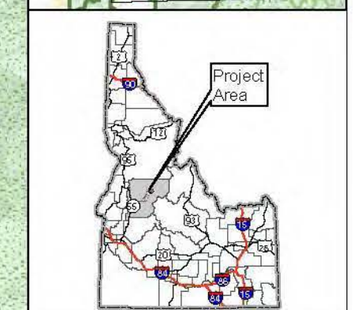
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17





Penstemon laxus Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

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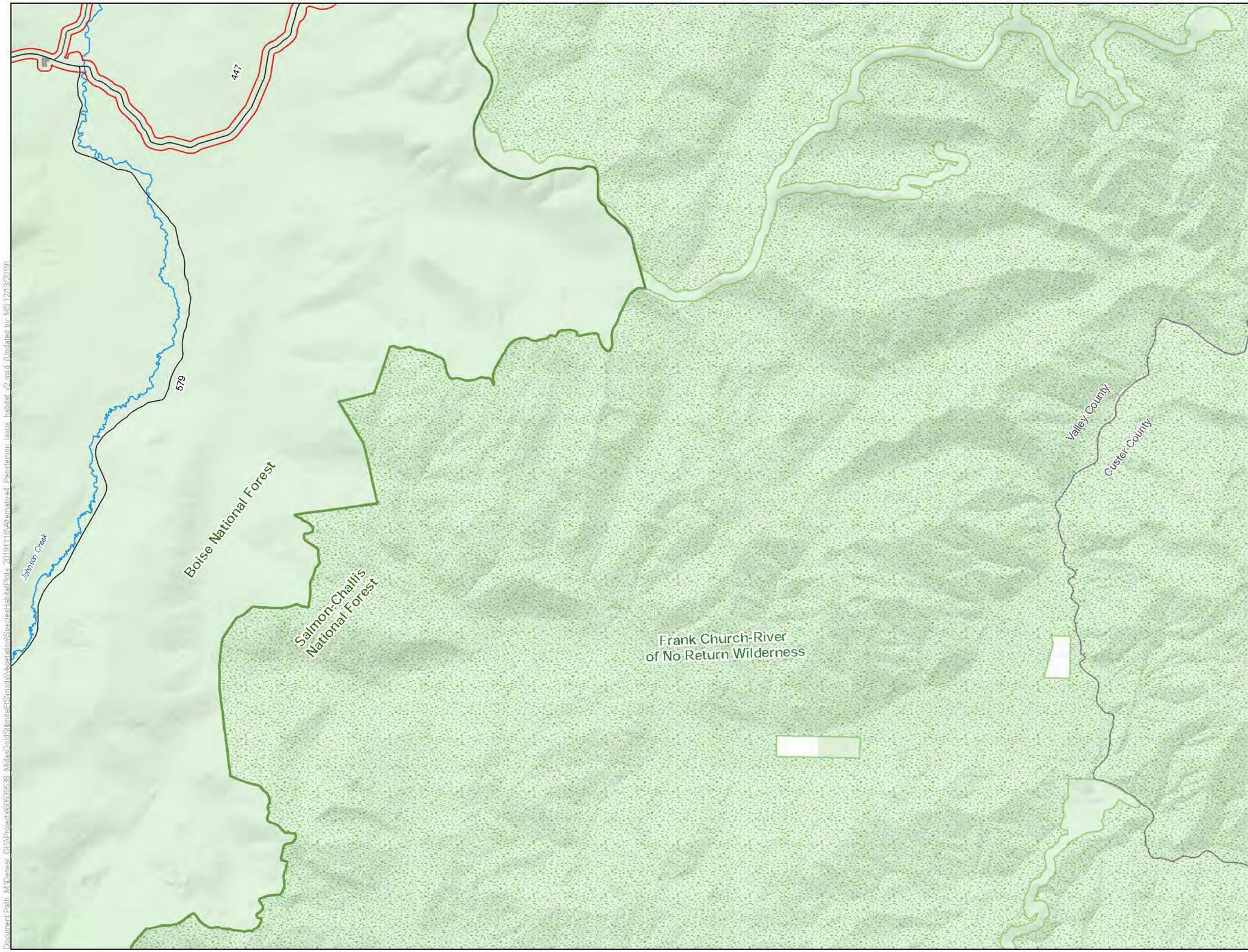


LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

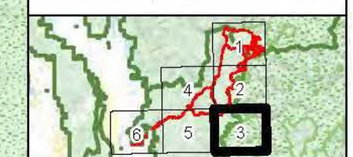
Surface Management Agency

- Private
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



Penstemon laxus Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

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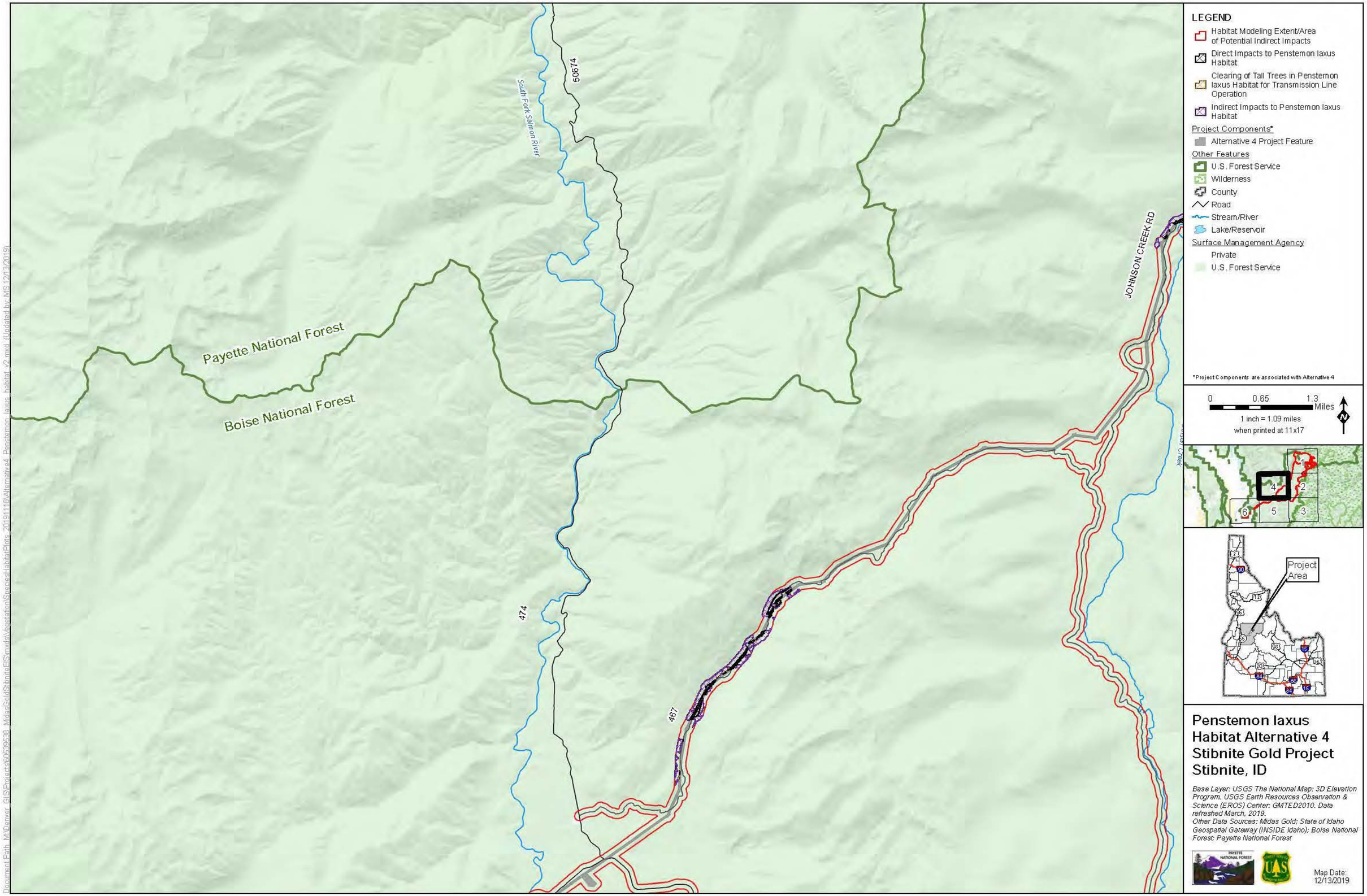
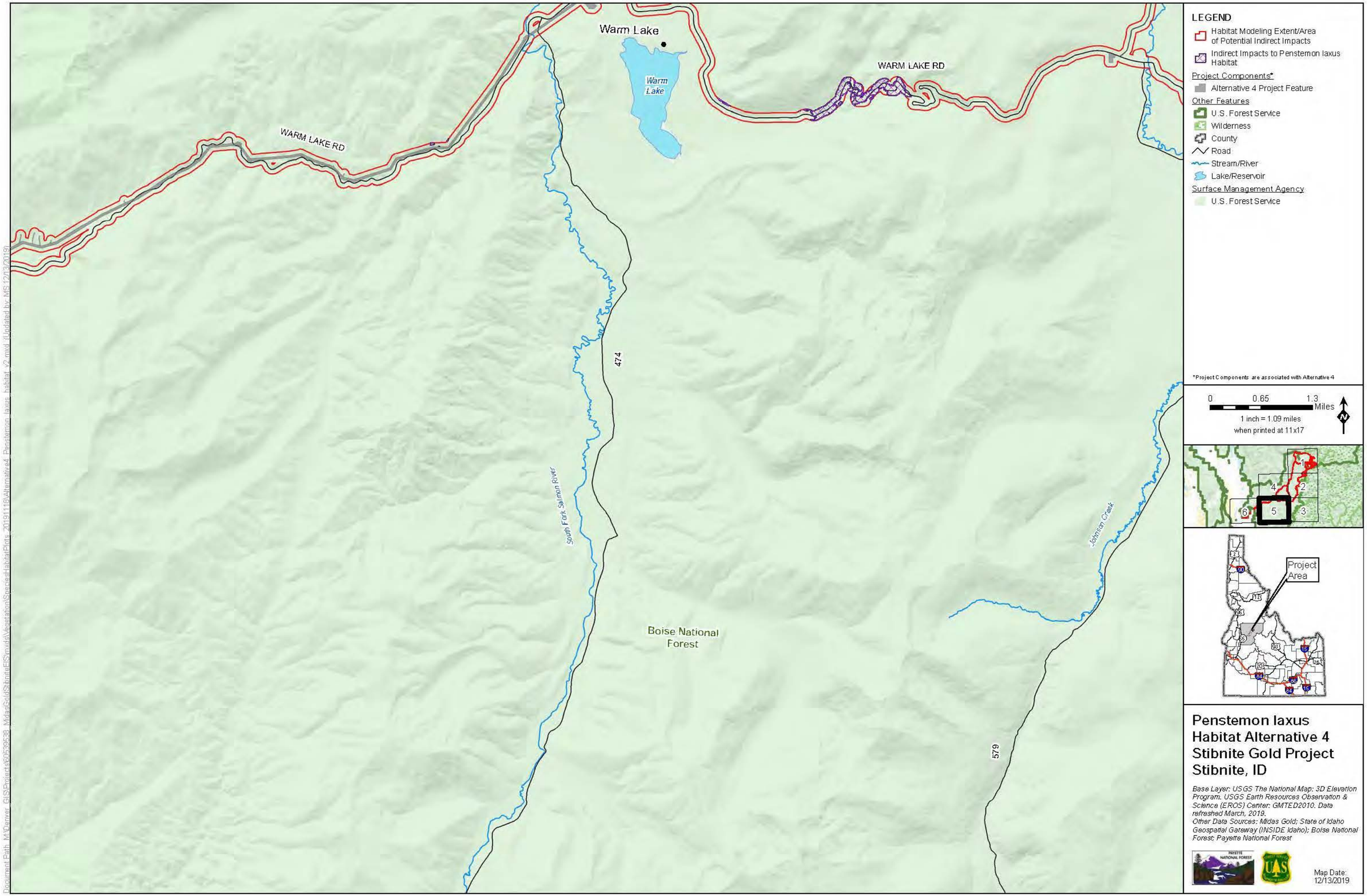


LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Penstemon laxus Habitat
Clearing of Tall Trees in Penstemon laxus Habitat for Transmission Line Operation
Indirect Impacts to Penstemon laxus Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Private
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
N
Payette National Forest
Boise National Forest
South Fork Salmon River
50674
474
467
JOHNSON CREEK RD
Project Area
Penstemon laxus Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019

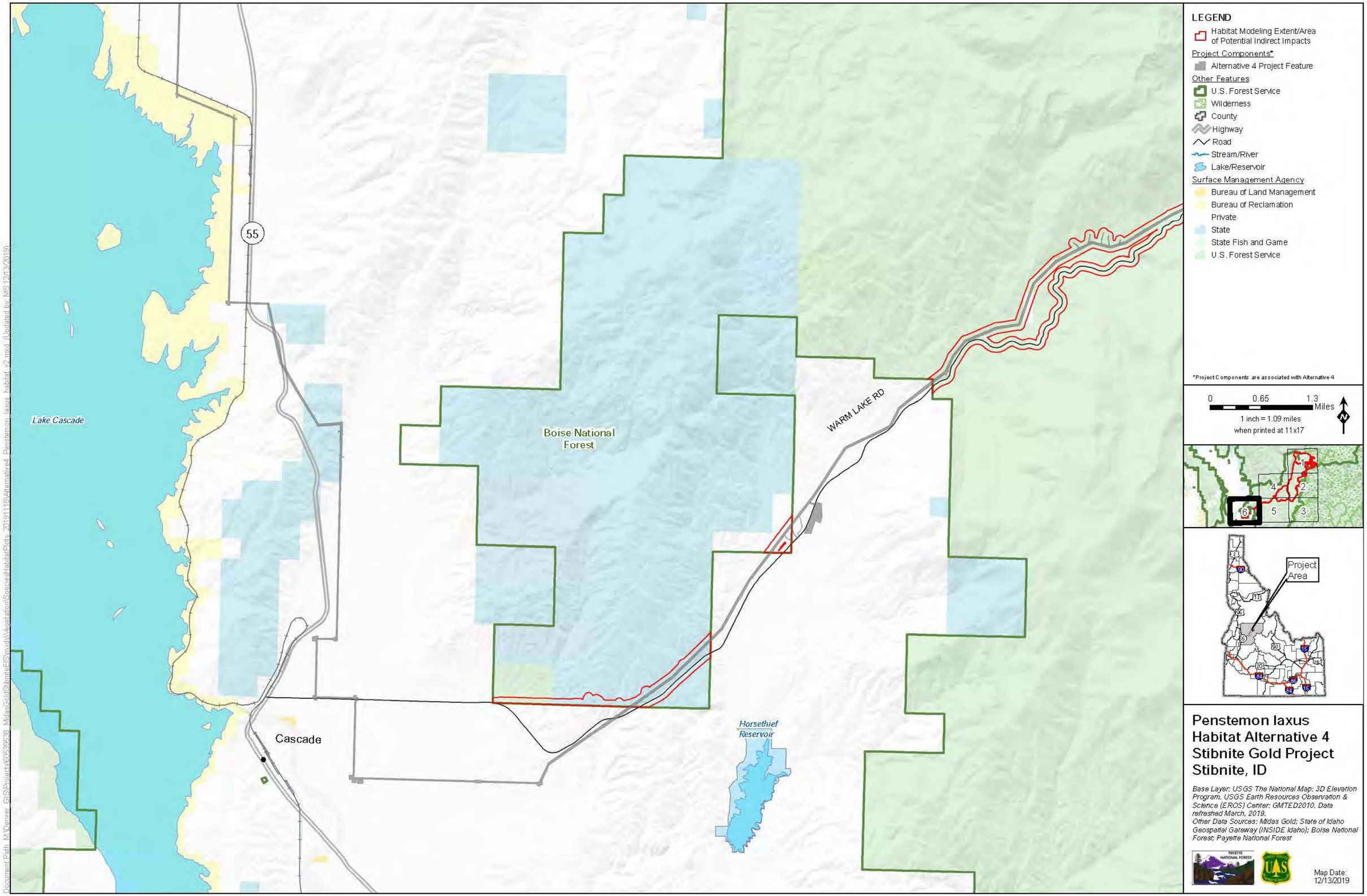


Penstemon laxus Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

Document Path: M:\Denver_GIS\Projects\60539538_MidasGoldStibniteEIS\mxds\Vegetation\SpeciesHabitatPlots_20191118\Alternative4_Penstemon_laxus_habitat_v2.mxd (Updated by: MS 12/13/2019)

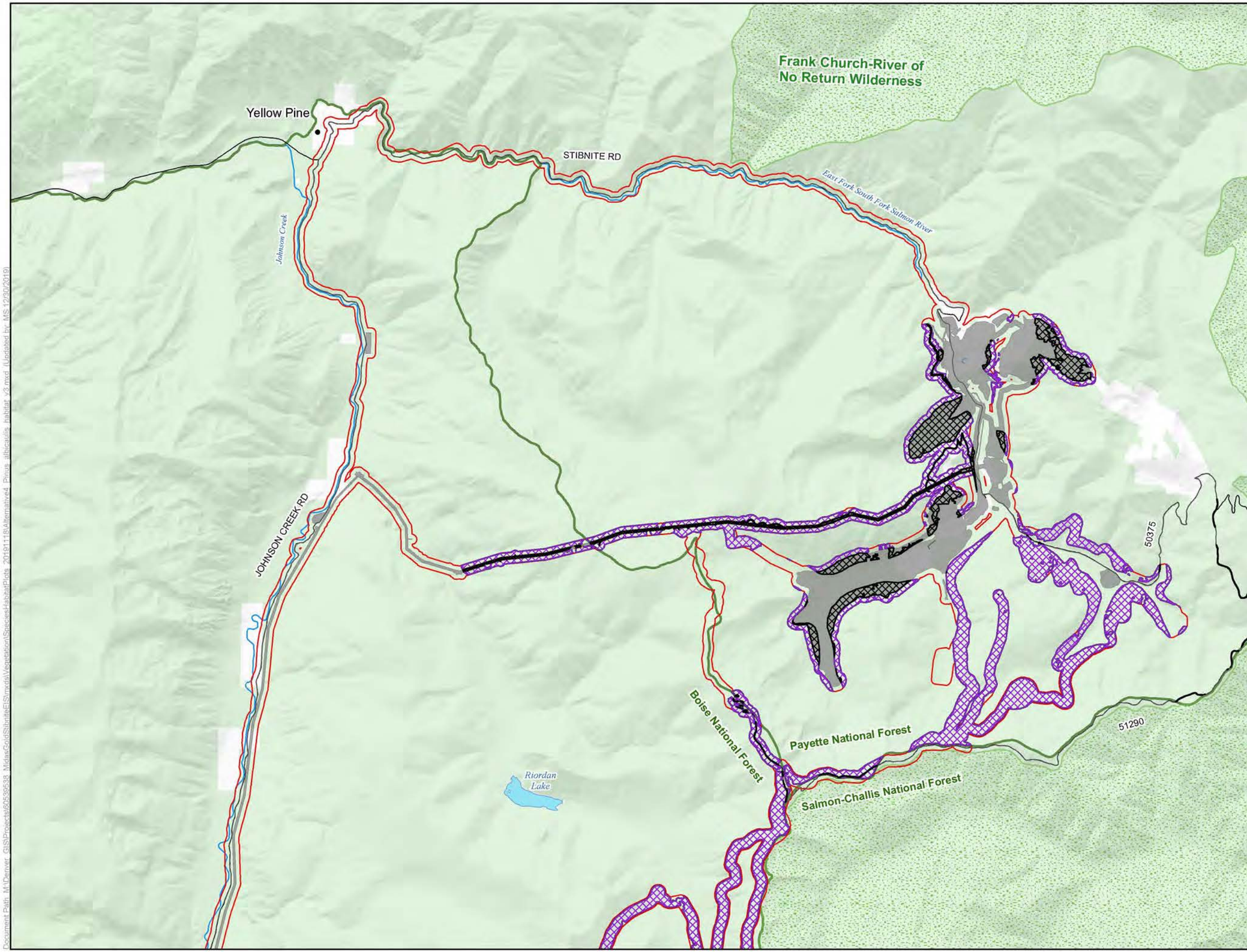


Penstemon laxus Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

Document Path: M:\Denver_GIS\Projects\60539538_MidasGoldStibniteEIS\mxds\Vegetation\SpeciesHabitatPlots_20191118\Alternative4_Penstemon_laxus_habitat_v2.mxd (Updated by: MS 12/13/2019)



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Pinus albicaulis Habitat
- Clearing of Tall Trees in Pinus albicaulis Habitat for Transmission Line Operation
- Indirect Impacts to Pinus albicaulis Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

Surface Management

- Private
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17

Pinus albicaulis Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/30/2019

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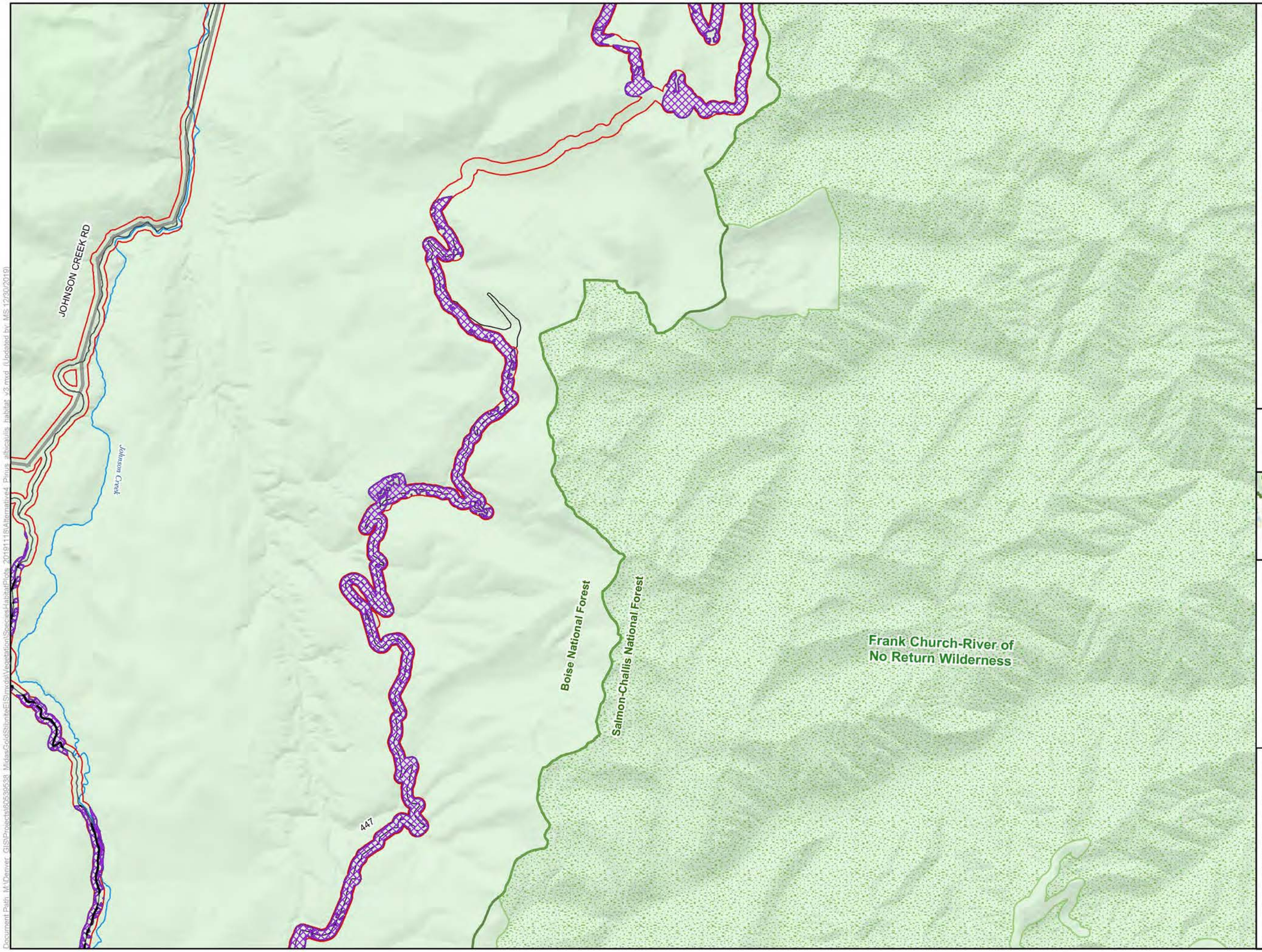


LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Pinus albicaulis Habitat
- Indirect Impacts to Pinus albicaulis Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

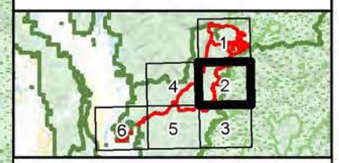
Surface Management

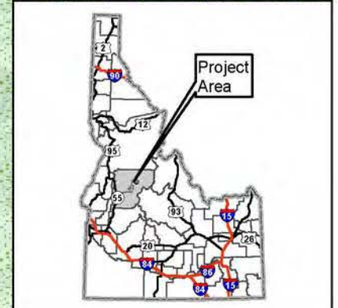
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17

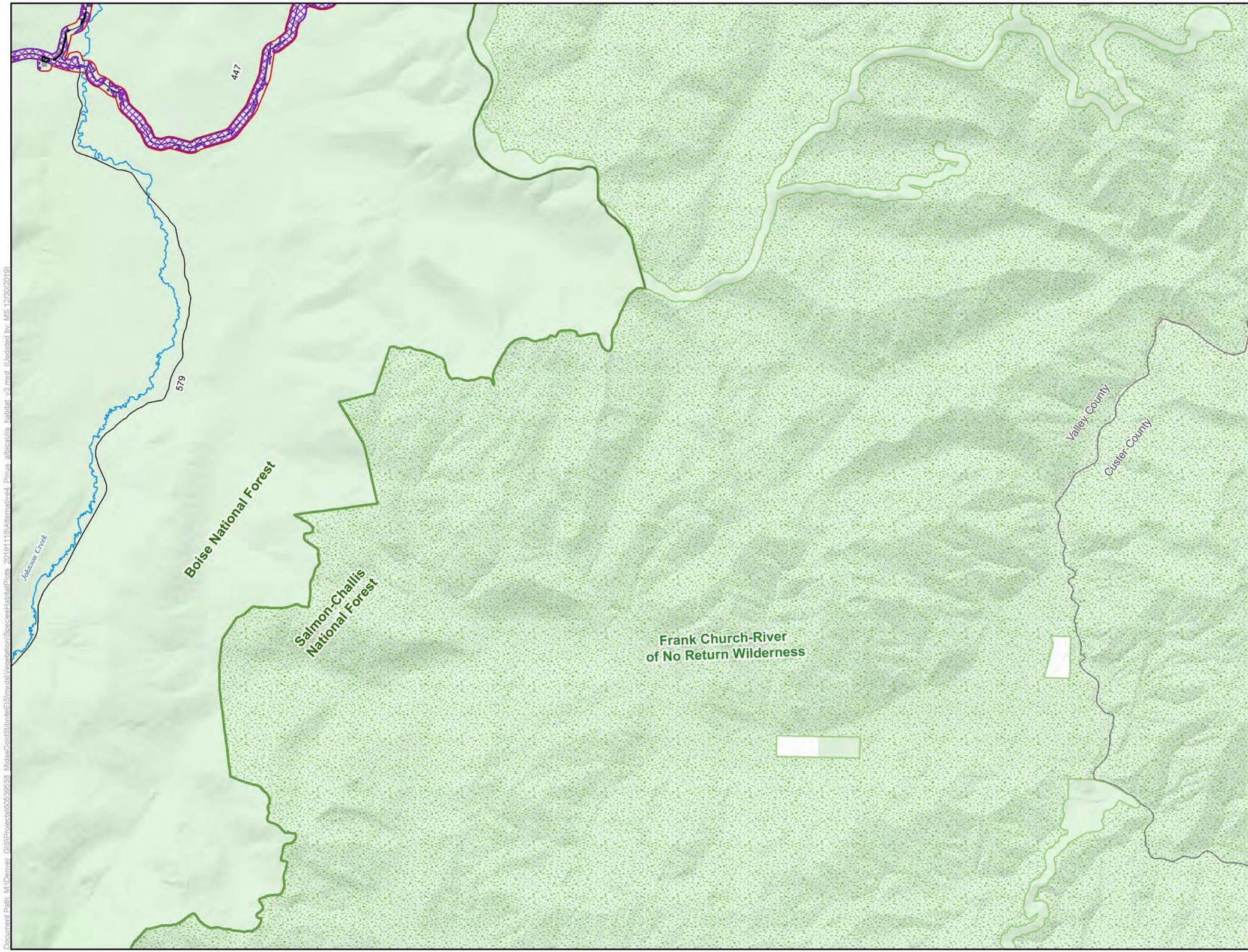




Pinus albicaulis Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/30/2019



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Pinus albicaulis Habitat
- Indirect Impacts to Pinus albicaulis Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

Surface Management

- Private
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17

Pinus albicaulis Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/30/2019

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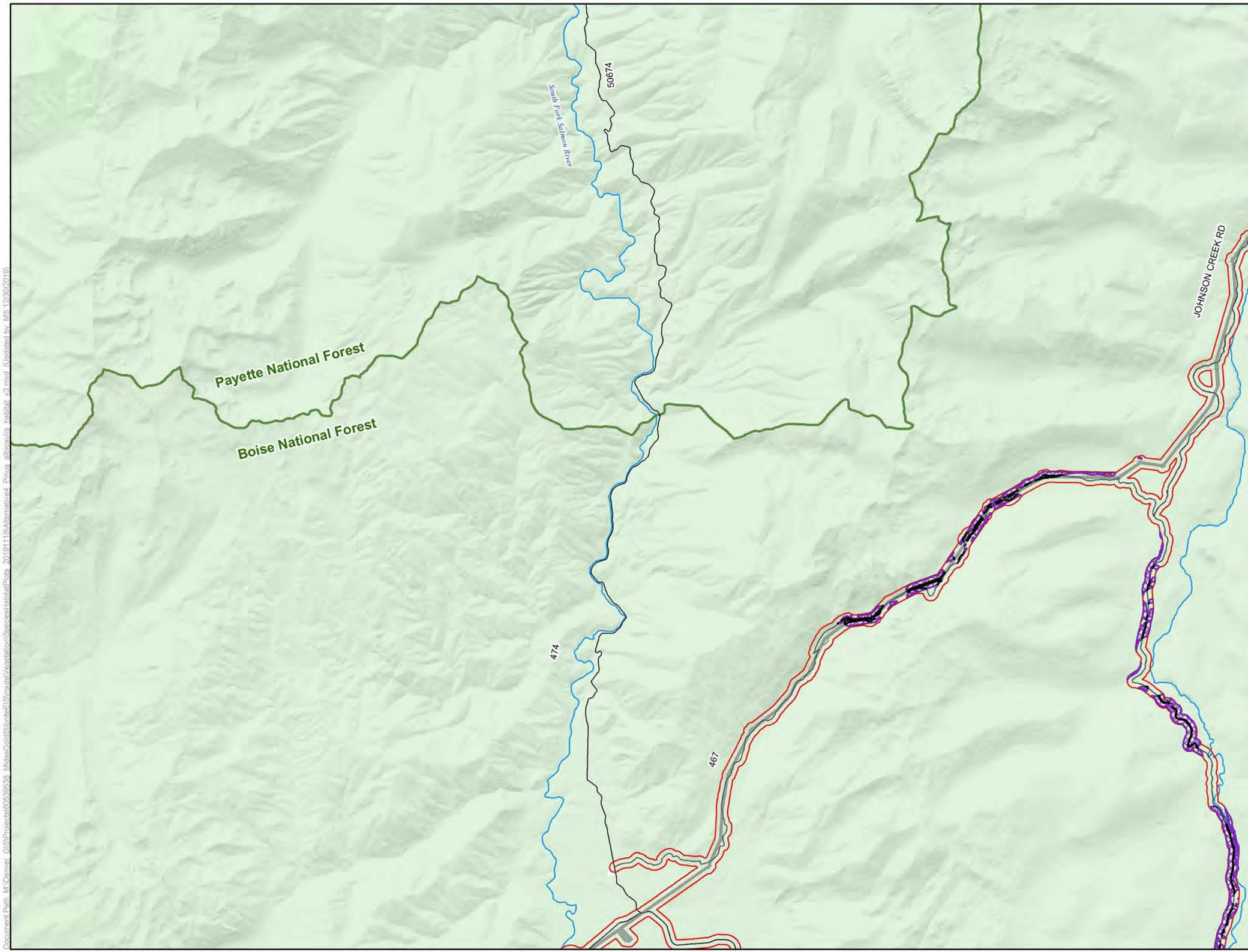


LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Pinus albicaulis Habitat
- Clearing of Tall Trees in Pinus albicaulis Habitat for Transmission Line Operation
- Indirect Impacts to Pinus albicaulis Habitat

Project

- Alternative 4 Project

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

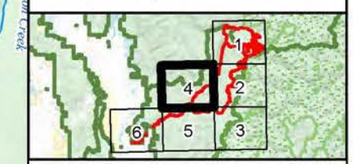
Surface Management

- Private
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



Pinus albicaulis Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/30/2019

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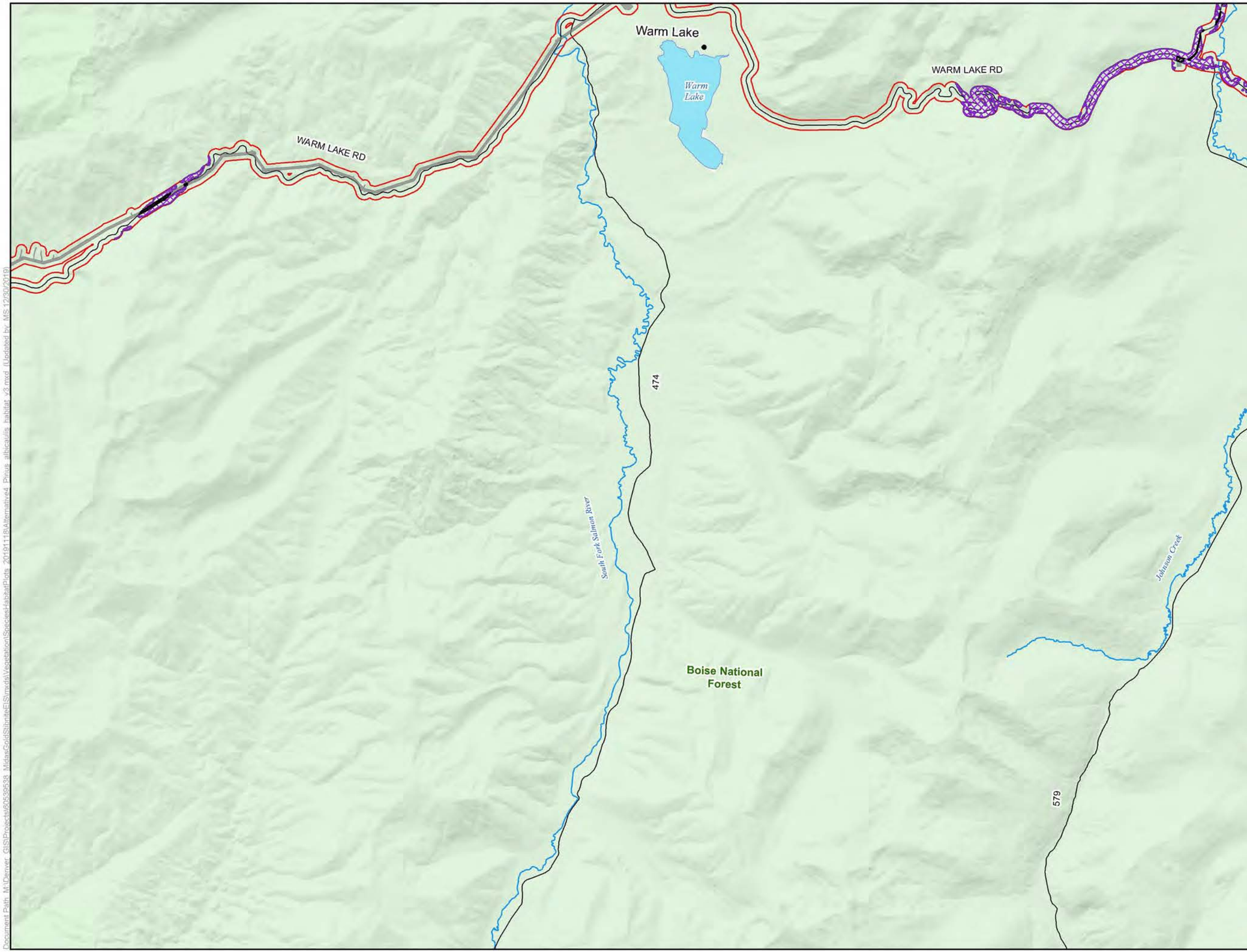

LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Pinus albicaulis Habitat
- Clearing of Tall Trees in Pinus albicaulis Habitat for Transmission Line Operation
- Indirect Impacts to Pinus albicaulis Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

Surface Management

- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17

Pinus albicaulis Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/30/2019

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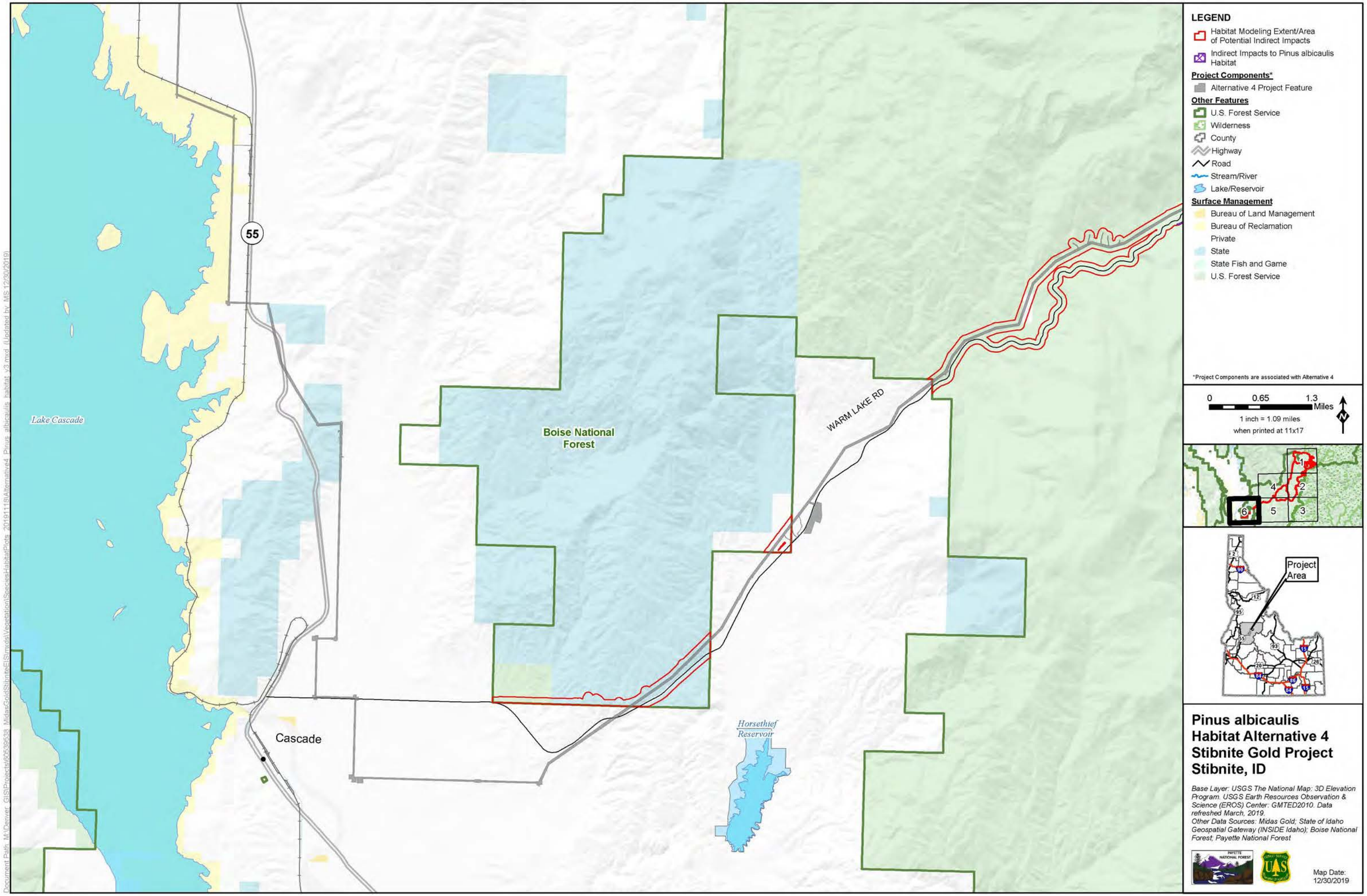

Pinus albicaulis Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/30/2019

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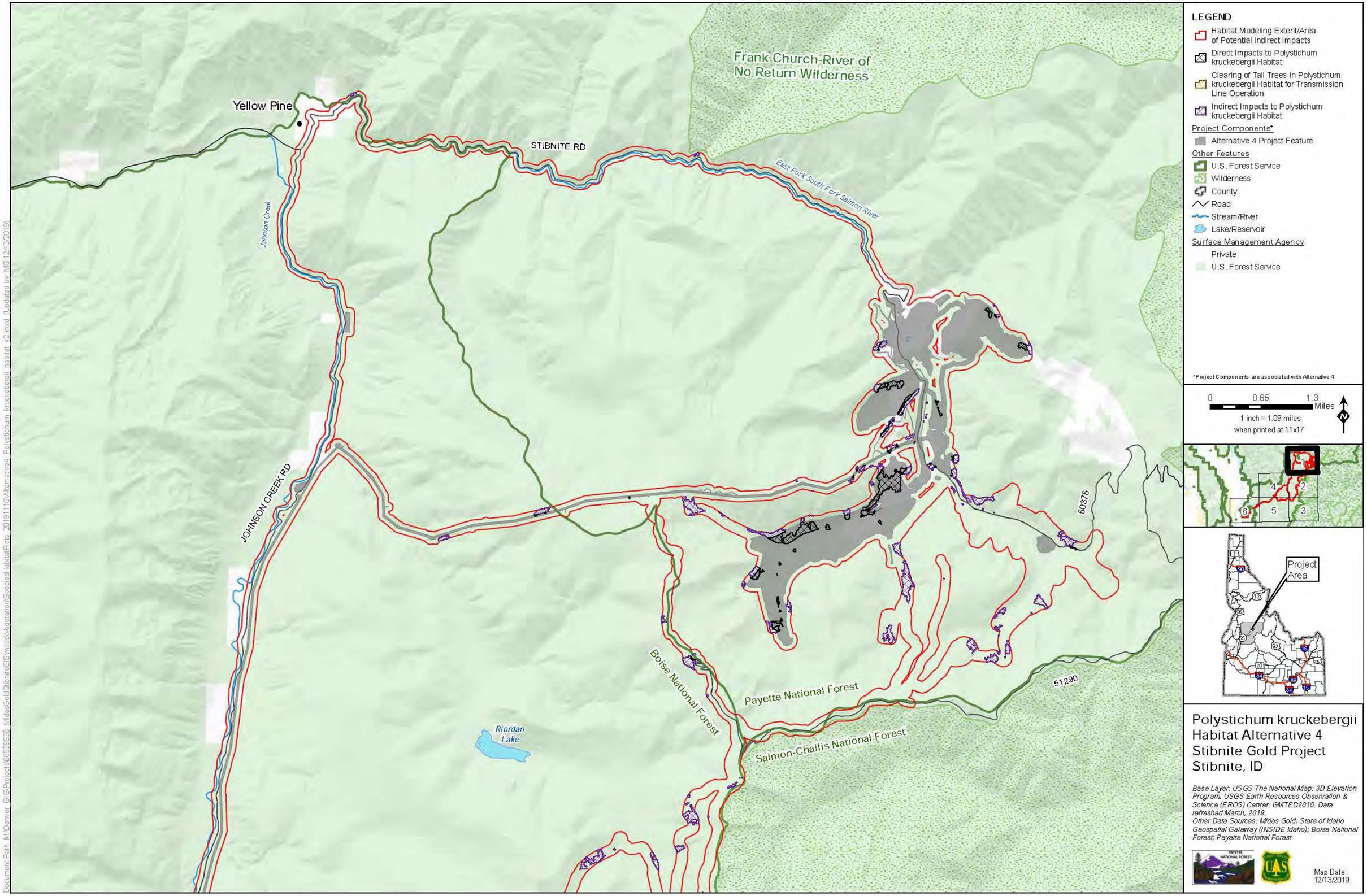
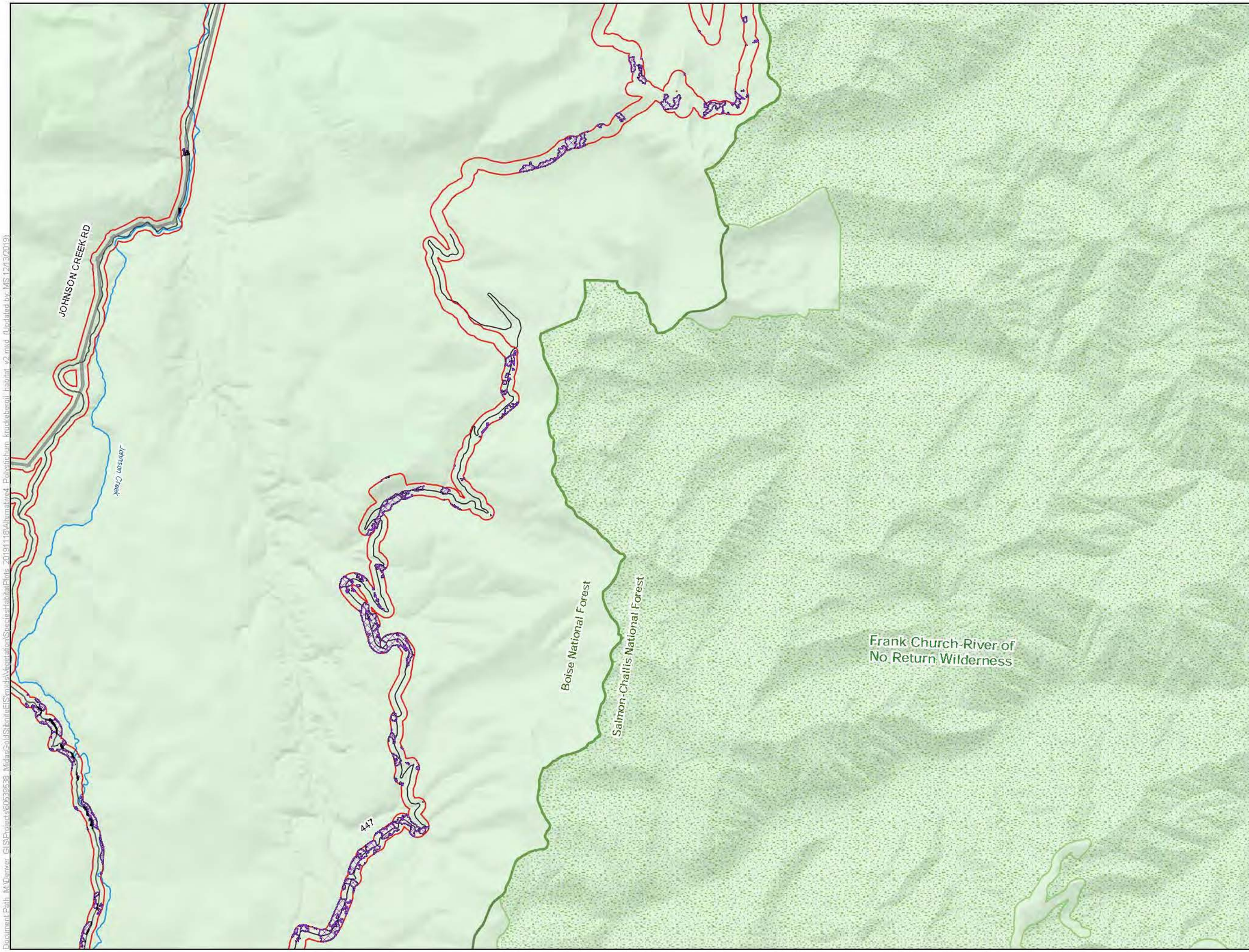


Yellow Pine
STIBNITE RD
Frank Church-River of No Return Wilderness
East Fork South Fork Salmon River
Johnson Creek
JOHNSON CREEK RD
50375
51290
Boise National Forest
Payette National Forest
Salmon-Challis National Forest
Riordan Lake
LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Polystichum kruckebergii Habitat
Clearing of Tall Trees in Polystichum kruckebergii Habitat for Transmission Line Operation
Indirect Impacts to Polystichum kruckebergii Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Private
U.S. Forest Service
*Project Components are associated with Alternative 4
0 0.65 1.3 Miles
1 inch = 1.09 miles when printed at 11x17
Project Area
Polystichum kruckebergii Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Polystichum kruckebergii Habitat
- Clearing of Tall Trees in Polystichum kruckebergii Habitat for Transmission Line Operation
- Indirect Impacts to Polystichum kruckebergii Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

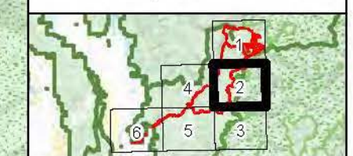
Surface Management Agency

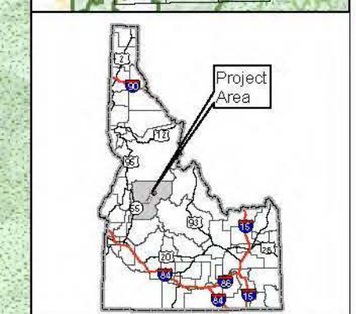
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17





Polystichum kruckebergii Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

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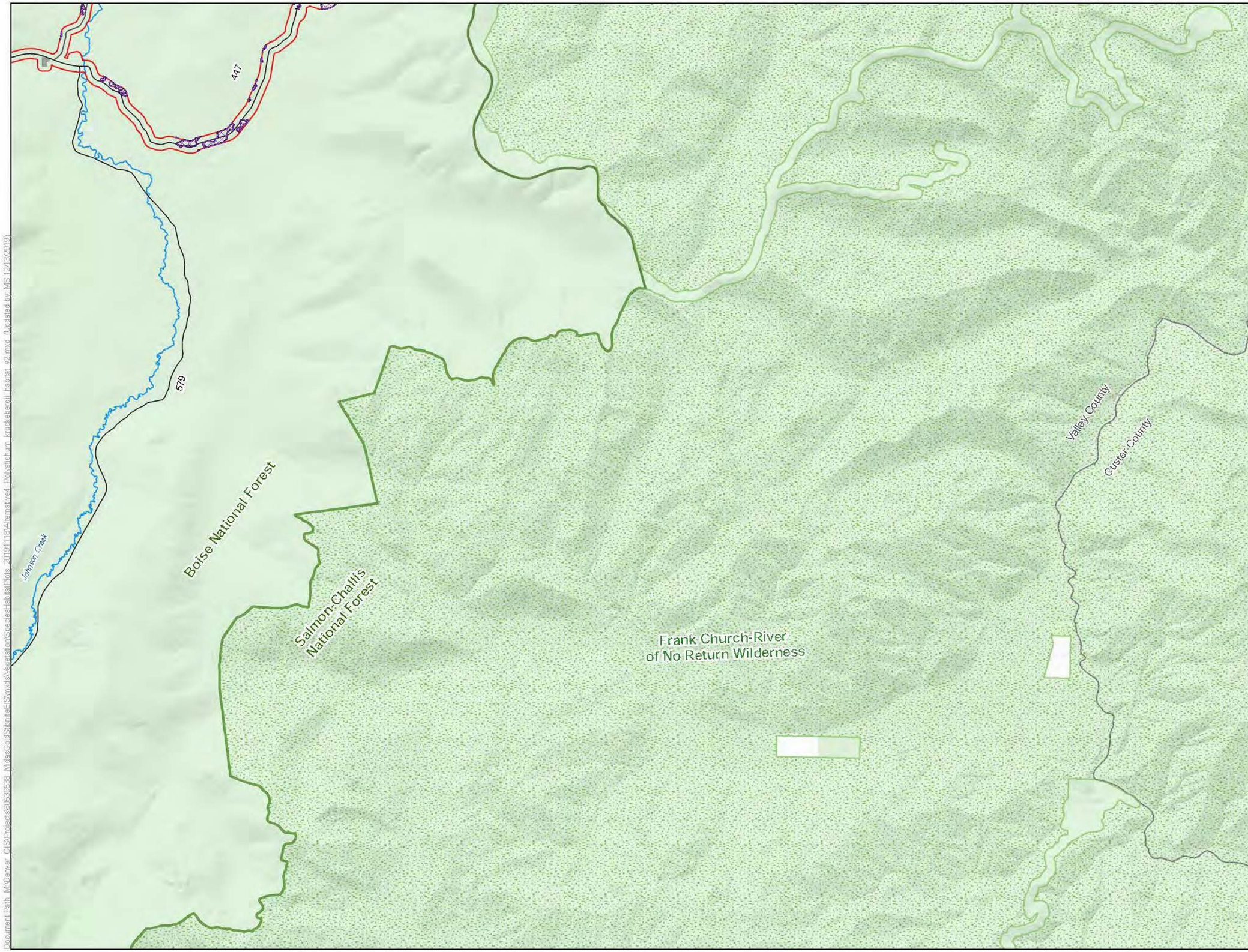


LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Polystichum kruckebergii Habitat
- Indirect Impacts to Polystichum kruckebergii Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

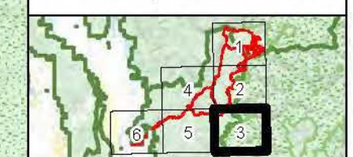
Surface Management Agency

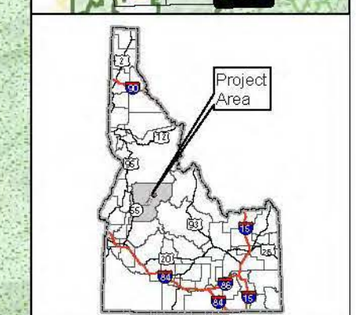
- Private
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



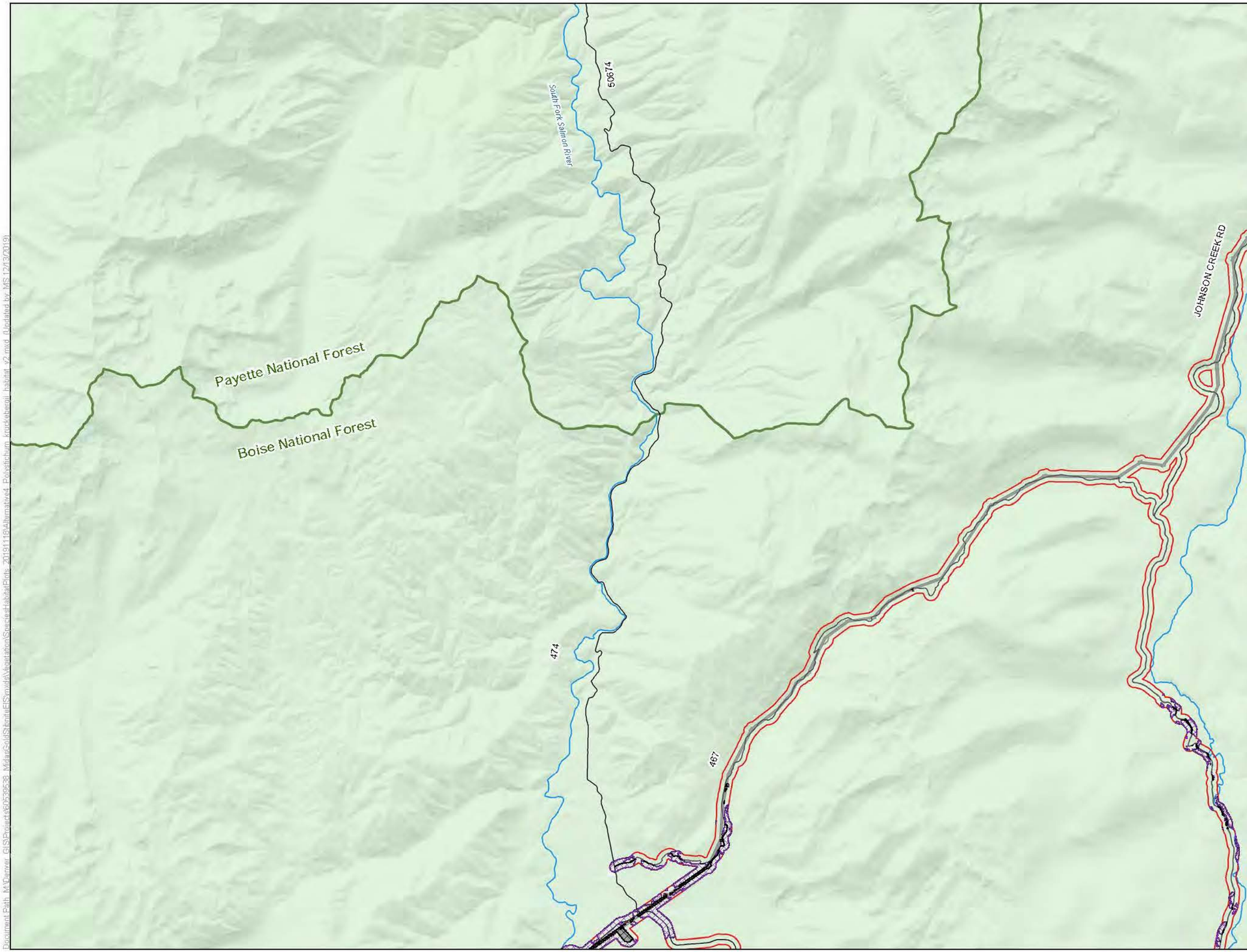


Polystichum kruckebergii Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

Document Path: M:\Denver_GIS\Projects\60539538_MidasGoldStibniteEIS\mxds\Vegetation\SpeciesHabitatPlots_20191118\Alternative4_Polystichum_kruckebergii_habitat_v2.mxd (Updated by: MS 12/13/2019)



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Polystichum kruckebergii Habitat
- Clearing of Tall Trees in Polystichum kruckebergii Habitat for Transmission Line Operation
- Indirect Impacts to Polystichum kruckebergii Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

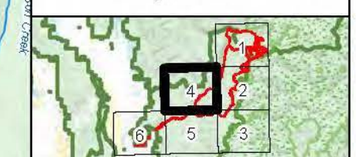
Surface Management Agency

- Private
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



Polystichum kruckebergii Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

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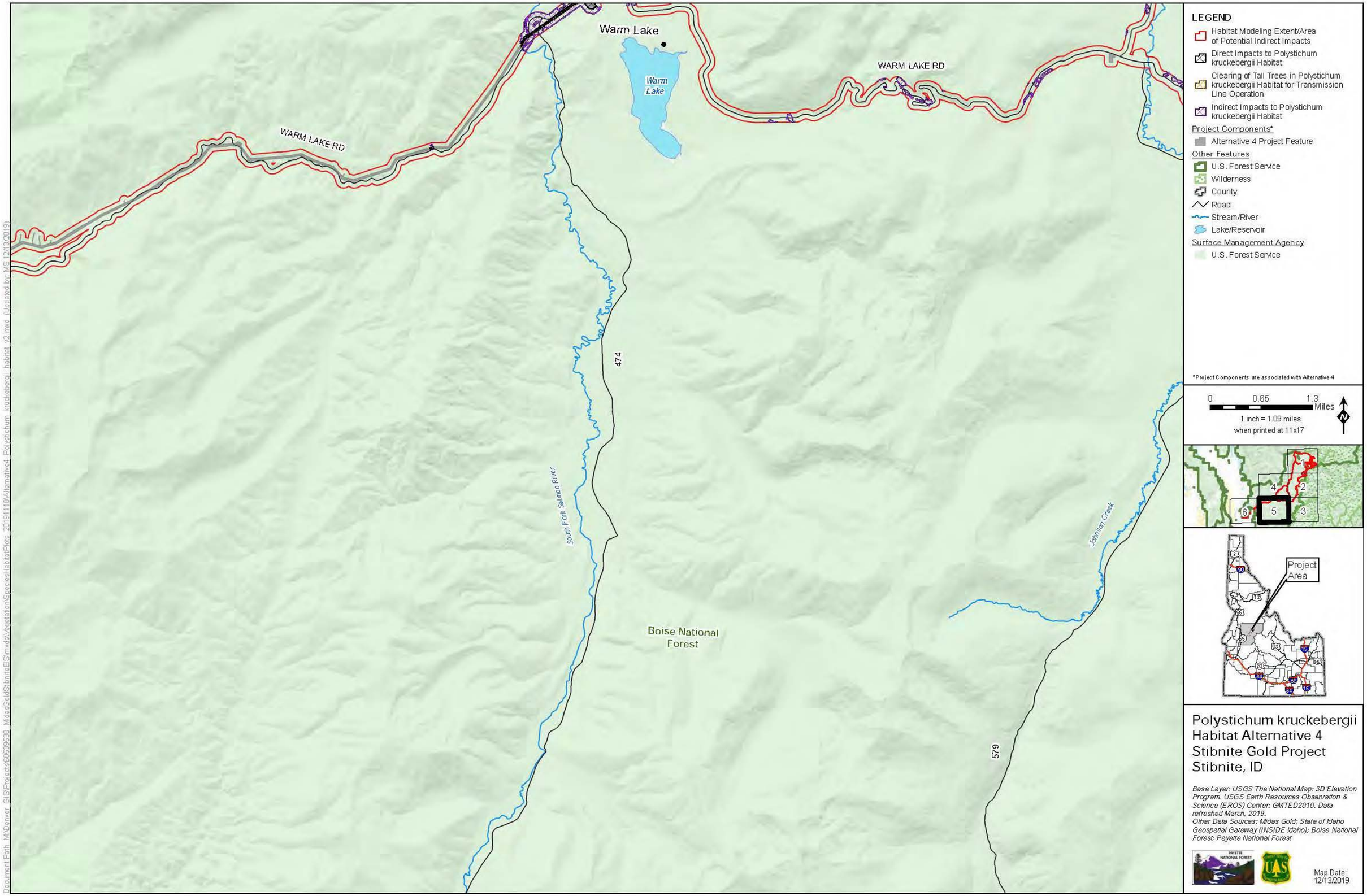
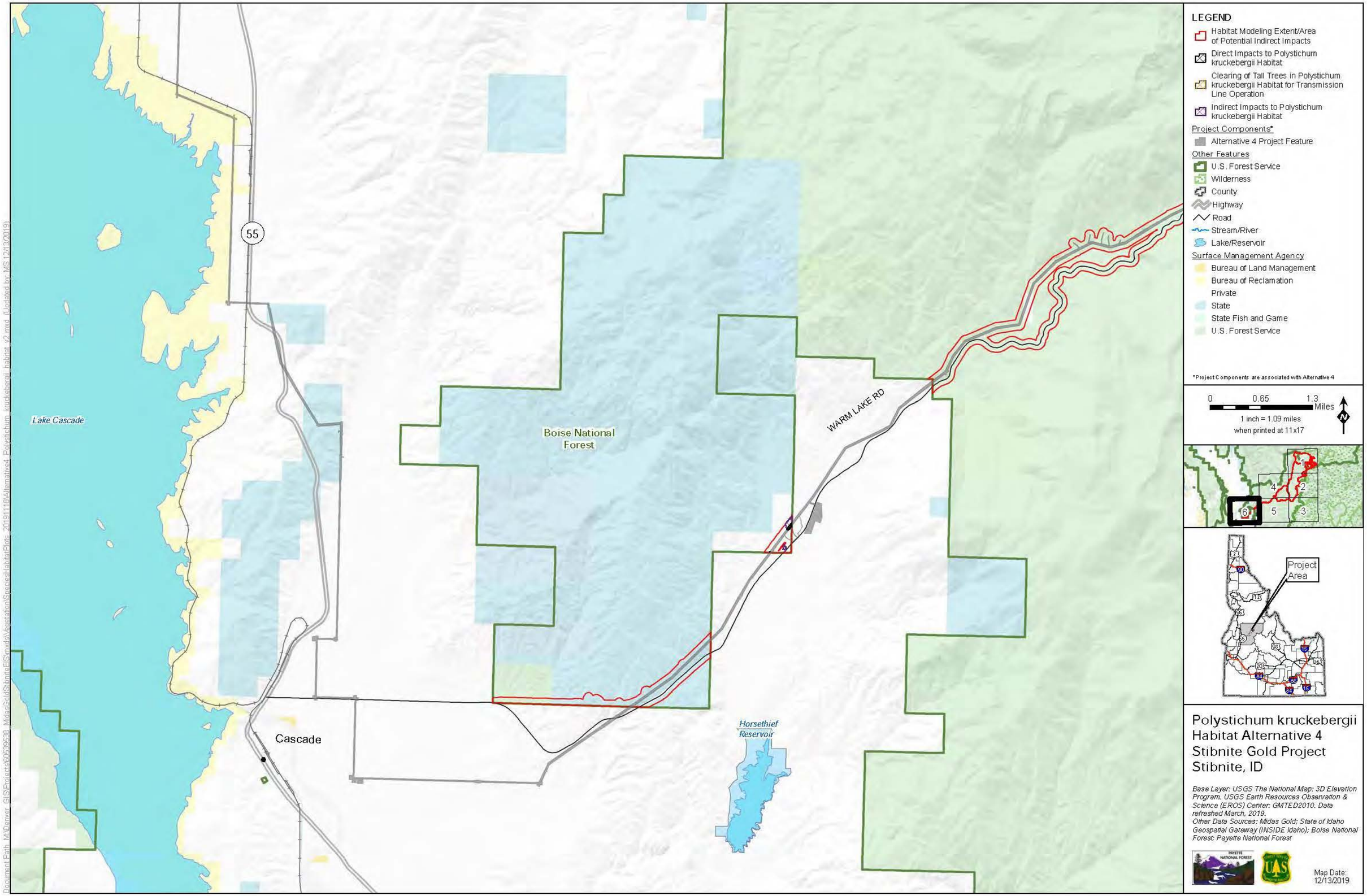


Polystichum kruckebergii Habitat Alternative 4
Stibnite Gold Project
Stibnite, ID

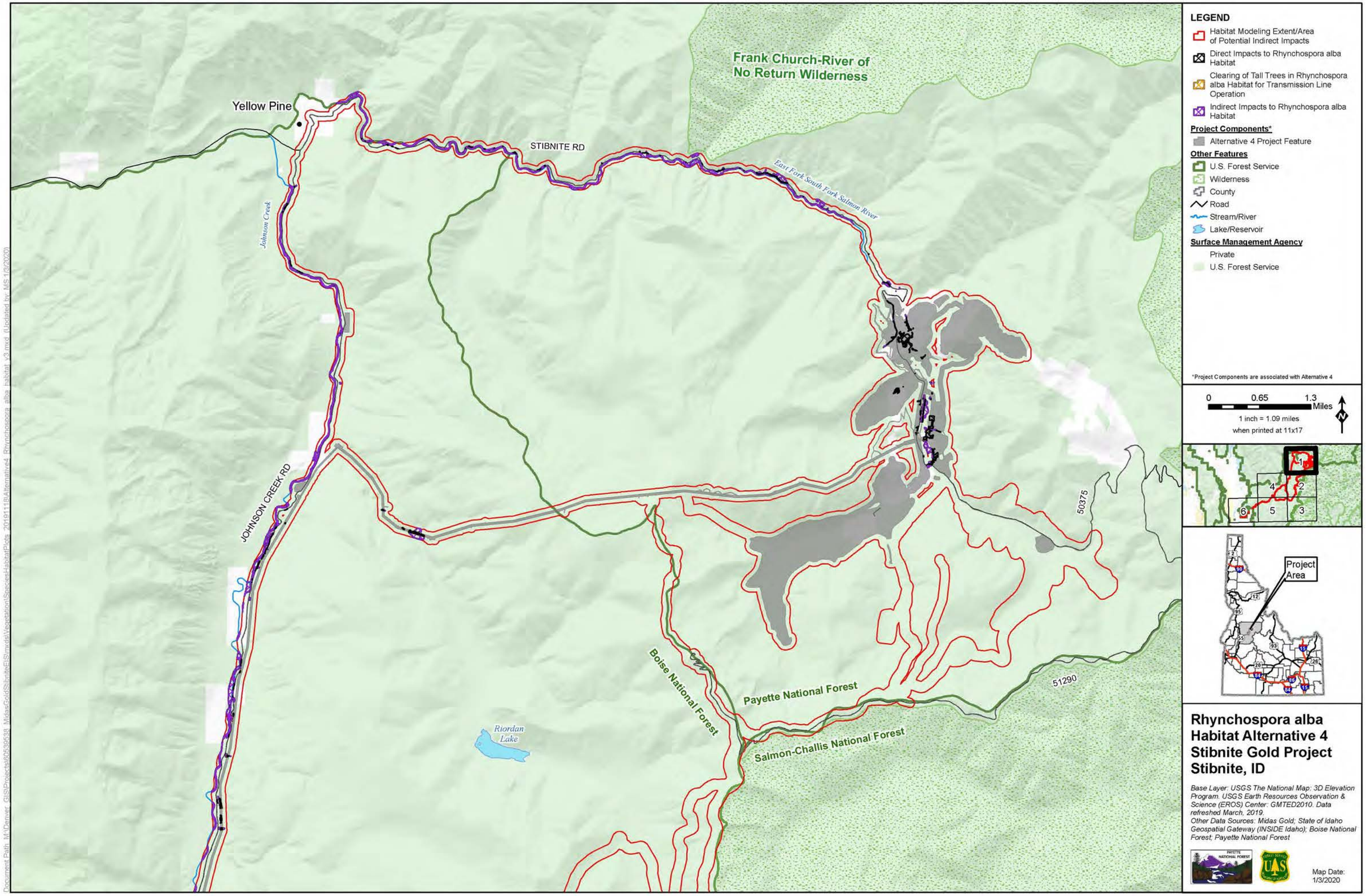
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

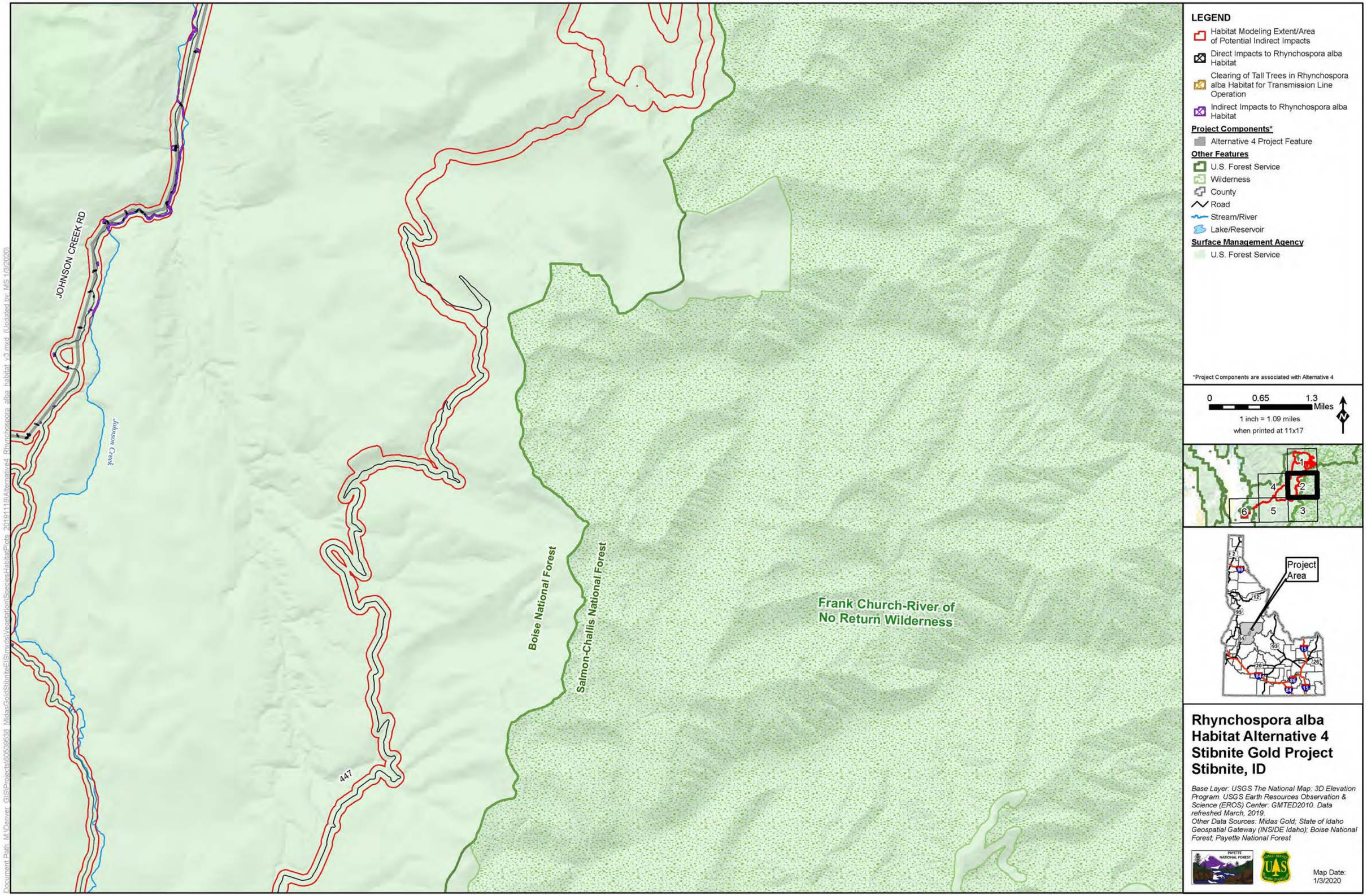
Document Path: M:\Denver_GIS\Projects\60539538_MidasGoldStibniteEIS\mxds\Vegetation\SpeciesHabitatPlots_20191118\Alternative4_Polystichum_kruckebergii_habitat_v2.mxd (Updated by: MS 12/13/2019)



LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Polystichum kruckebergii Habitat
Clearing of Tall Trees in Polystichum kruckebergii Habitat for Transmission Line Operation
Indirect Impacts to Polystichum kruckebergii Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Highway
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Bureau of Land Management
Bureau of Reclamation
Private
State
State Fish and Game
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
N
Project Area
Lake Cascade
55
Boise National Forest
WARM LAKE RD
Cascade
Horsethief Reservoir
Polystichum kruckebergii Habitat Alternative 4
Stibnite Gold Project
Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



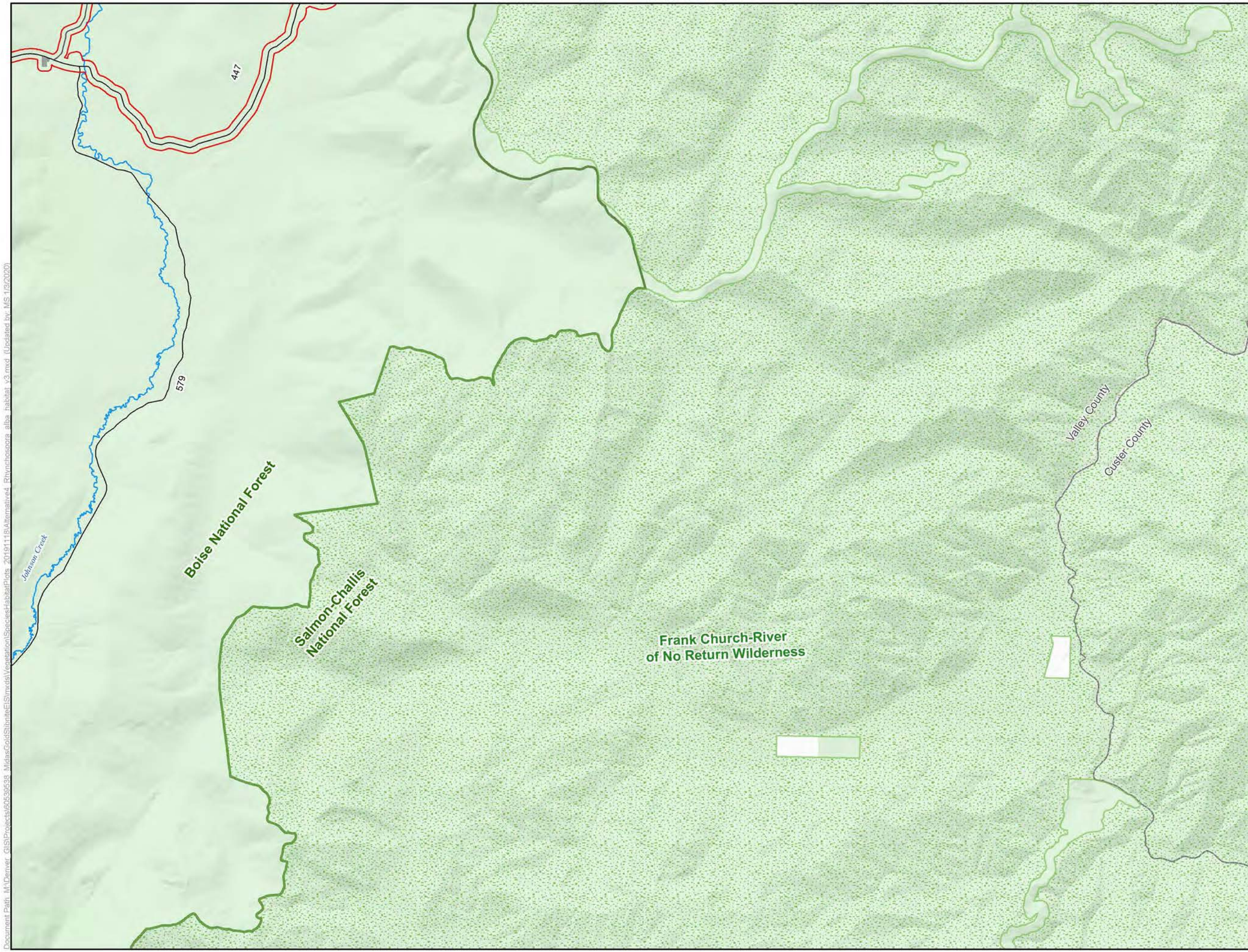
Frank Church-River of No Return Wilderness
Yellow Pine
STIBNITE RD
East Fork South Fork Salmon River
Johnson Creek
JOHNSON CREEK RD
50375
51290
Boise National Forest
Payette National Forest
Salmon-Challis National Forest
Riordan Lake
LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Rhynchospora alba Habitat
Clearing of Tall Trees in Rhynchospora alba Habitat for Transmission Line Operation
Indirect Impacts to Rhynchospora alba Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Private
U.S. Forest Service
*Project Components are associated with Alternative 4
0 0.65 1.3 Miles
1 inch = 1.09 miles when printed at 11x17
N
1
2
3
4
5
6
Project Area
Rhynchospora alba Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 1/3/2020



Rhynchospora alba Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 1/3/2020



LEGEND

Habitat Modeling Extent/Area of Potential Indirect Impacts

Project Components*

Alternative 4 Project Feature

Other Features

U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir

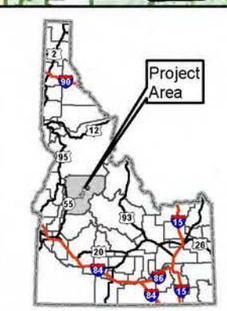
Surface Management Agency

Private
U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



Rhynchospora alba Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 1/3/2020

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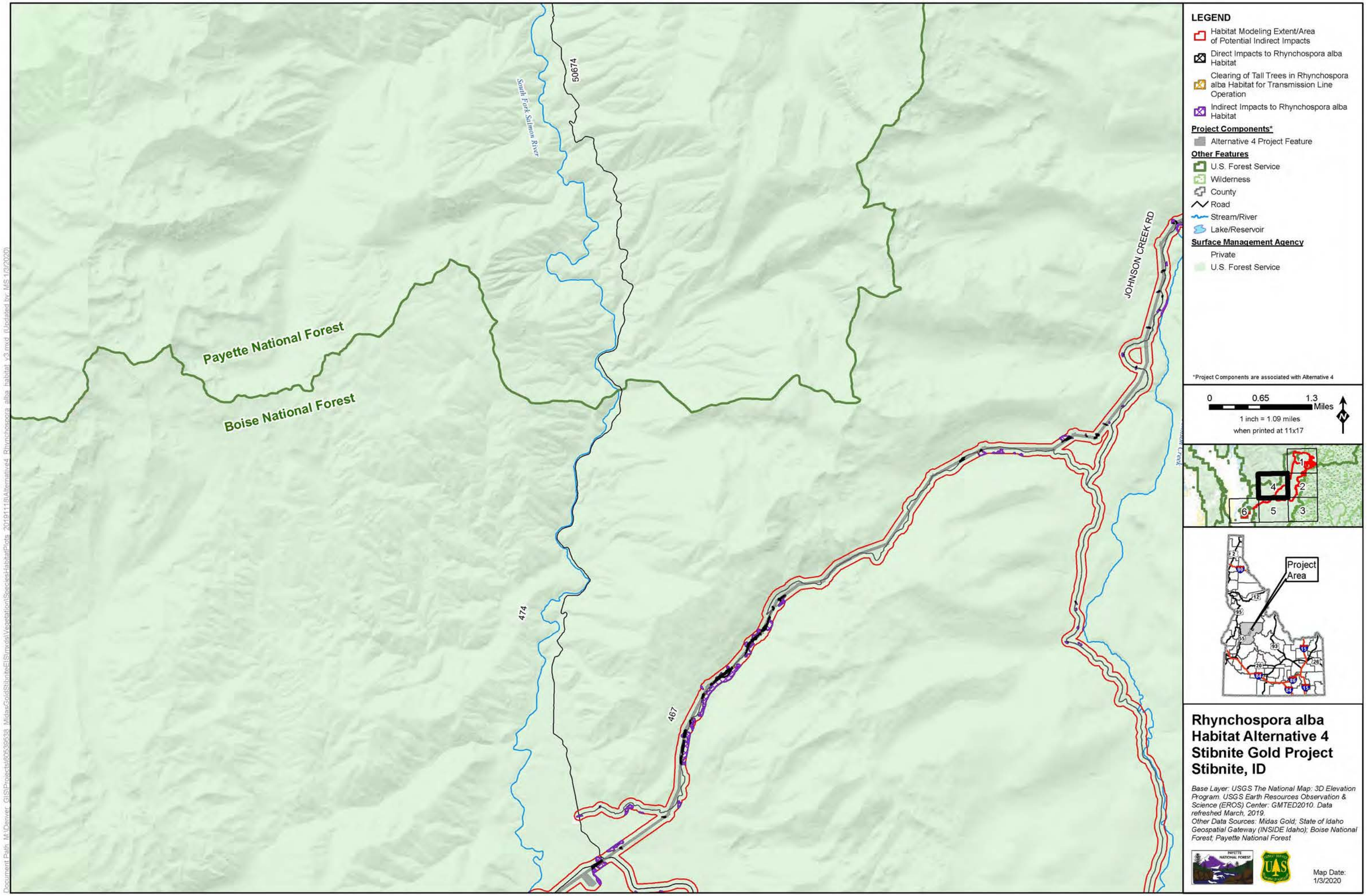
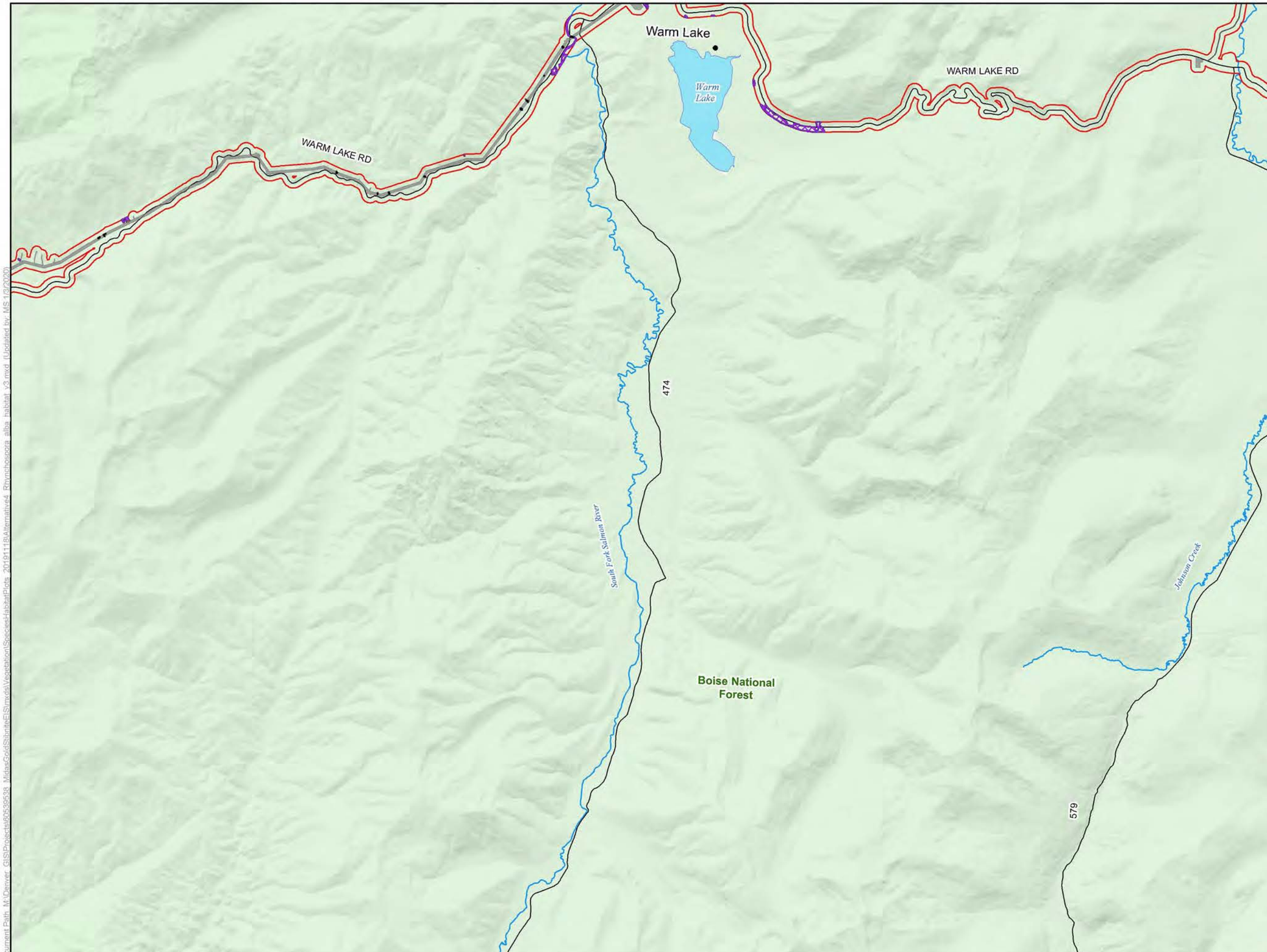


LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Rhynchospora alba Habitat
Clearing of Tall Trees in Rhynchospora alba Habitat for Transmission Line Operation
Indirect Impacts to Rhynchospora alba Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Private
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
N
Payette National Forest
Boise National Forest
South Fork Salmon River
50674
474
467
JOHNSON CREEK RD
Project Area
Rhynchospora alba Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 1/3/2020



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Rhynchospora alba Habitat
- Clearing of Tall Trees in Rhynchospora alba Habitat for Transmission Line Operation
- Indirect Impacts to Rhynchospora alba Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

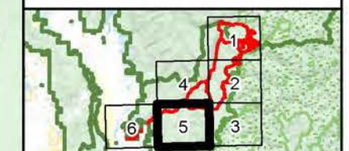
Surface Management Agency

- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17

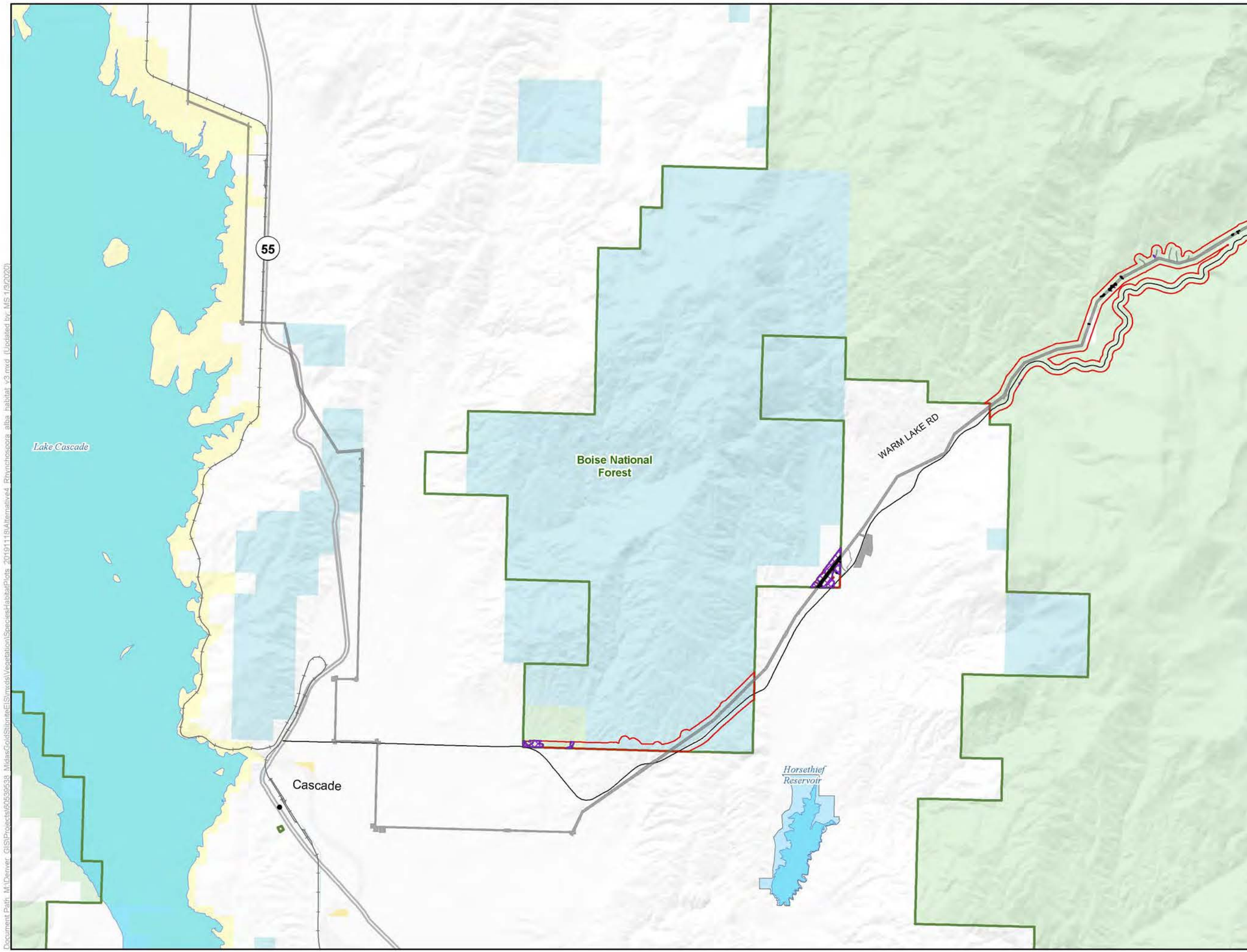


Rhynchospora alba Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 1/3/2020

Document Path: M:\Denver_GIS\Projects\60559538_MidasGoldStibniteEIS\mxds\Vegetation\SpeciesHabitat\Plots_20191118\Alternative4_Rhynchospora_alba_habitat_v3.mxd (Updated by MS 1/2/2020)



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Rhynchospora alba Habitat
- Clearing of Tall Trees in Rhynchospora alba Habitat for Transmission Line Operation
- Indirect Impacts to Rhynchospora alba Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Highway
- Road
- Stream/River
- Lake/Reservoir

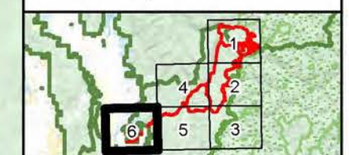
Surface Management Agency

- Bureau of Land Management
- Bureau of Reclamation
- Private
- State
- State Fish and Game
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



Rhynchospora alba Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 1/3/2020

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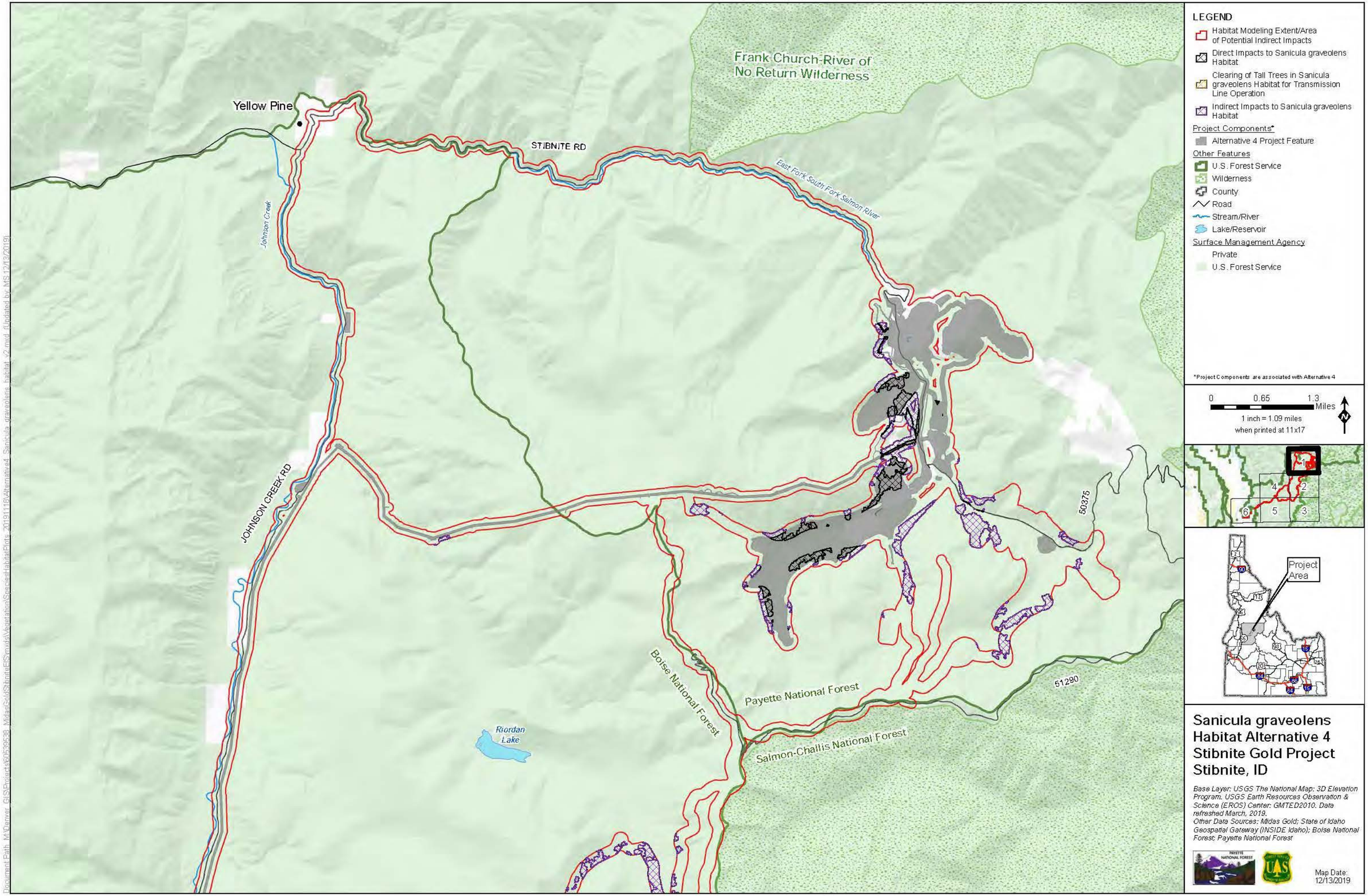
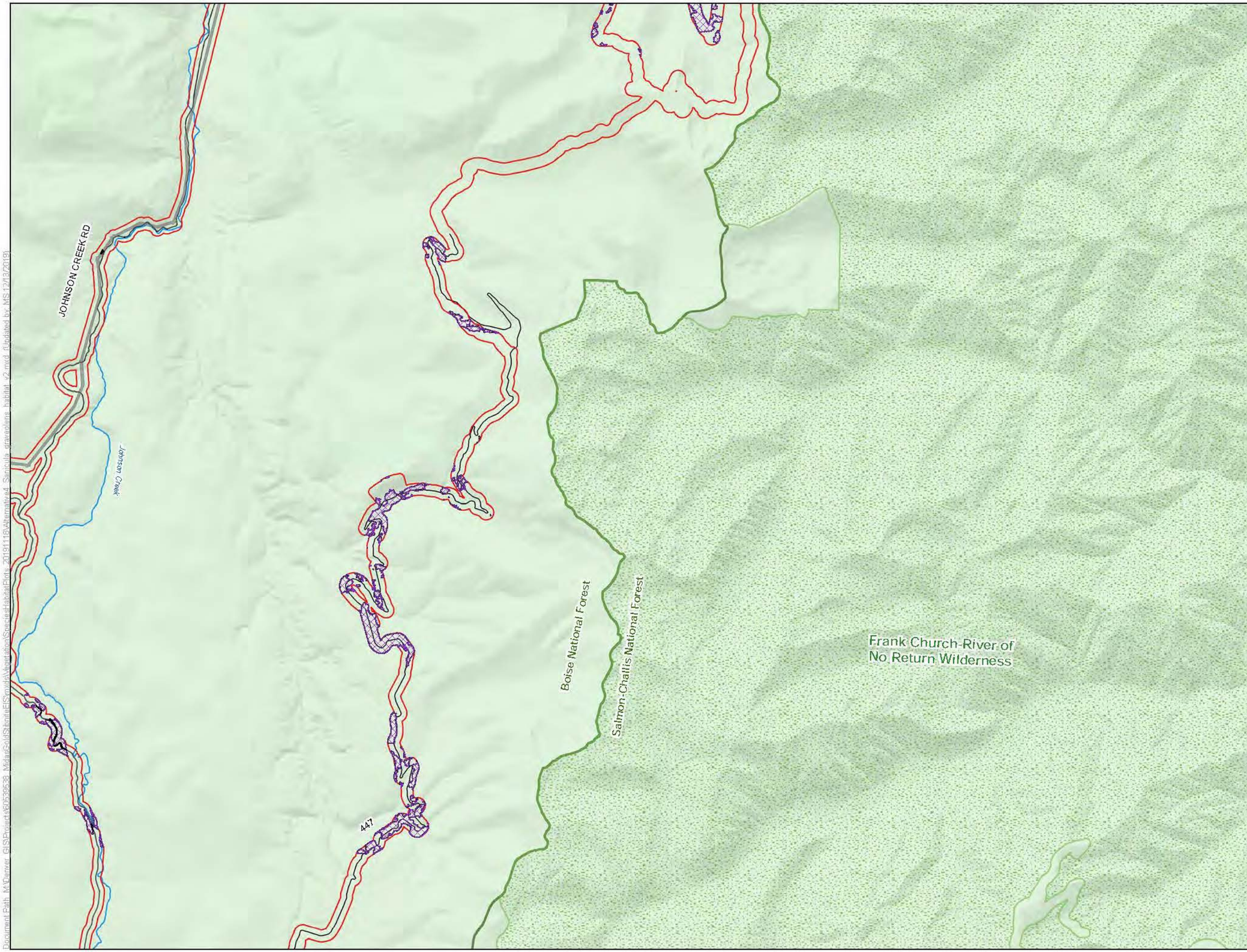


Yellow Pine
STIBNITE RD
Frank Church-River of No Return Wilderness
East Fork South Fork Salmon River
Johnson Creek
JOHNSON CREEK RD
Riordan Lake
Boise National Forest
Payette National Forest
Salmon-Challis National Forest
50375
51290
LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Sanicula graveolens Habitat
Clearing of Tall Trees in Sanicula graveolens Habitat for Transmission Line Operation
Indirect Impacts to Sanicula graveolens Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Private
U.S. Forest Service
*Project Components are associated with Alternative 4
0 0.65 1.3 Miles
1 inch = 1.09 miles when printed at 11x17
Project Area
Sanicula graveolens Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Sanicula graveolens Habitat
- Clearing of Tall Trees in Sanicula graveolens Habitat for Transmission Line Operation
- Indirect Impacts to Sanicula graveolens Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

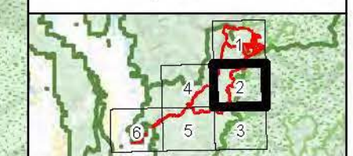
Surface Management Agency

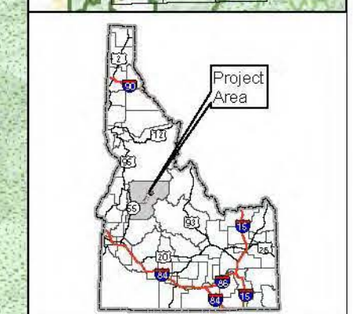
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



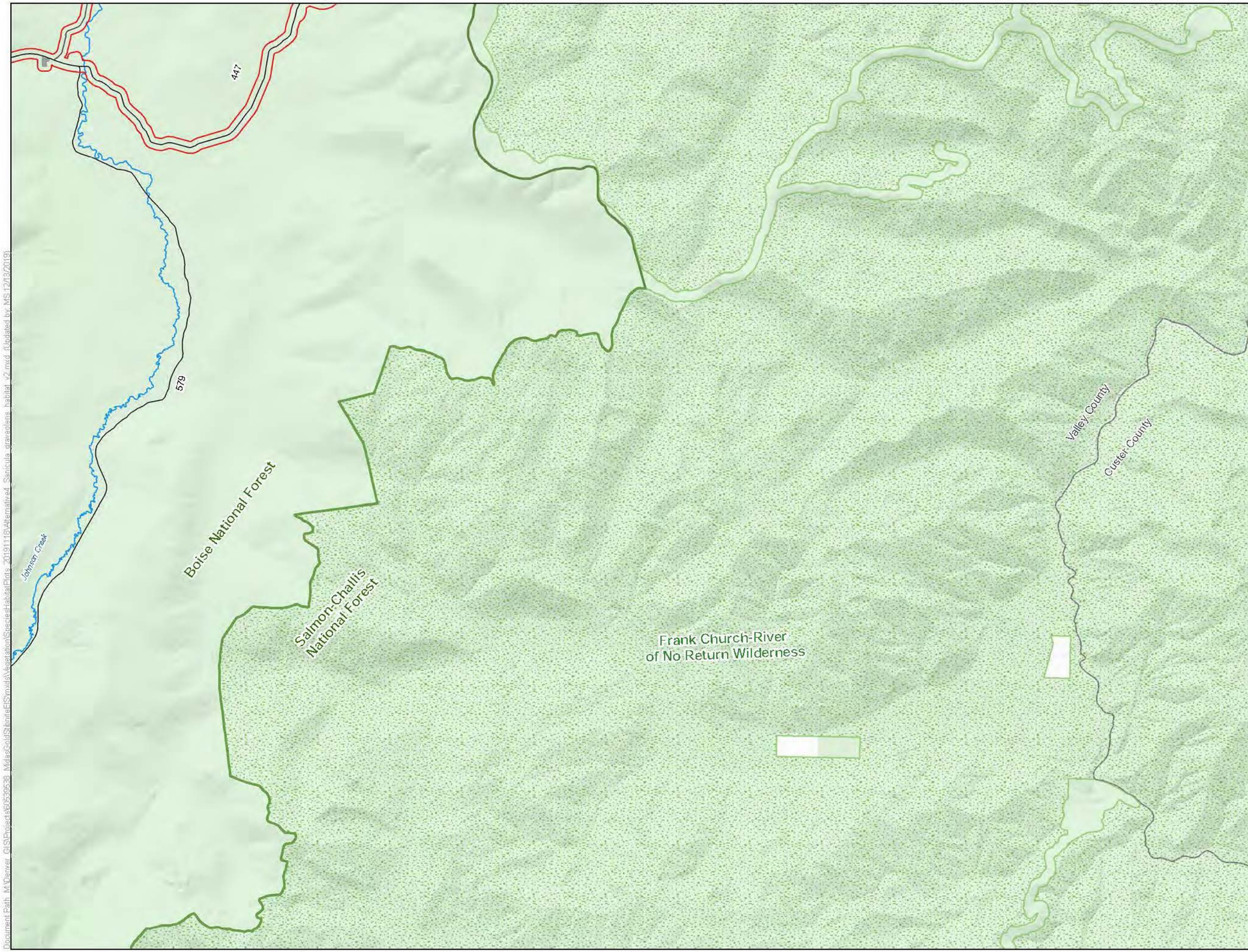


Sanicula graveolens Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

Document Path: M:\Denver_GIS\Projects\60539538_MidasGoldStibniteEIS\mxds\Vegetation\SpeciesHabitatPlots_20191118\Alternative4_Sanicula_graveolens_habitat_v2.mxd (Updated by: MS 12/13/2019)



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

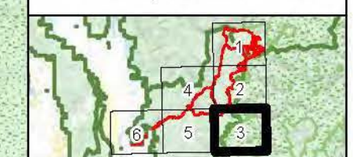
Surface Management Agency

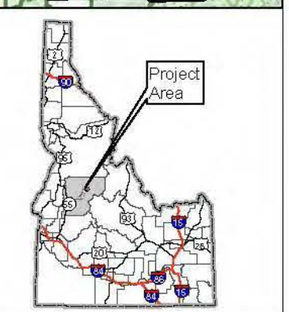
- Private
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17





Sanicula graveolens Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

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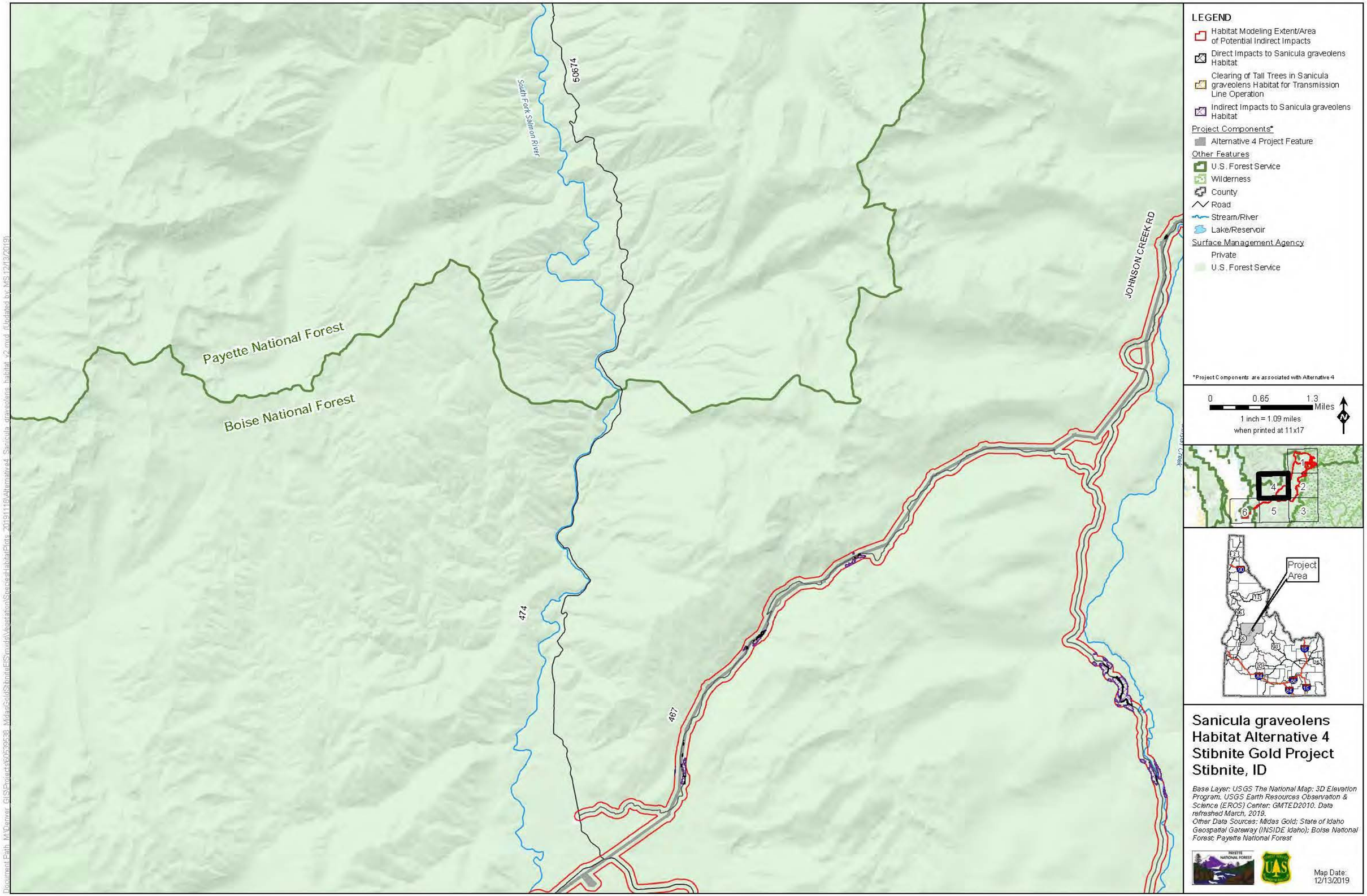
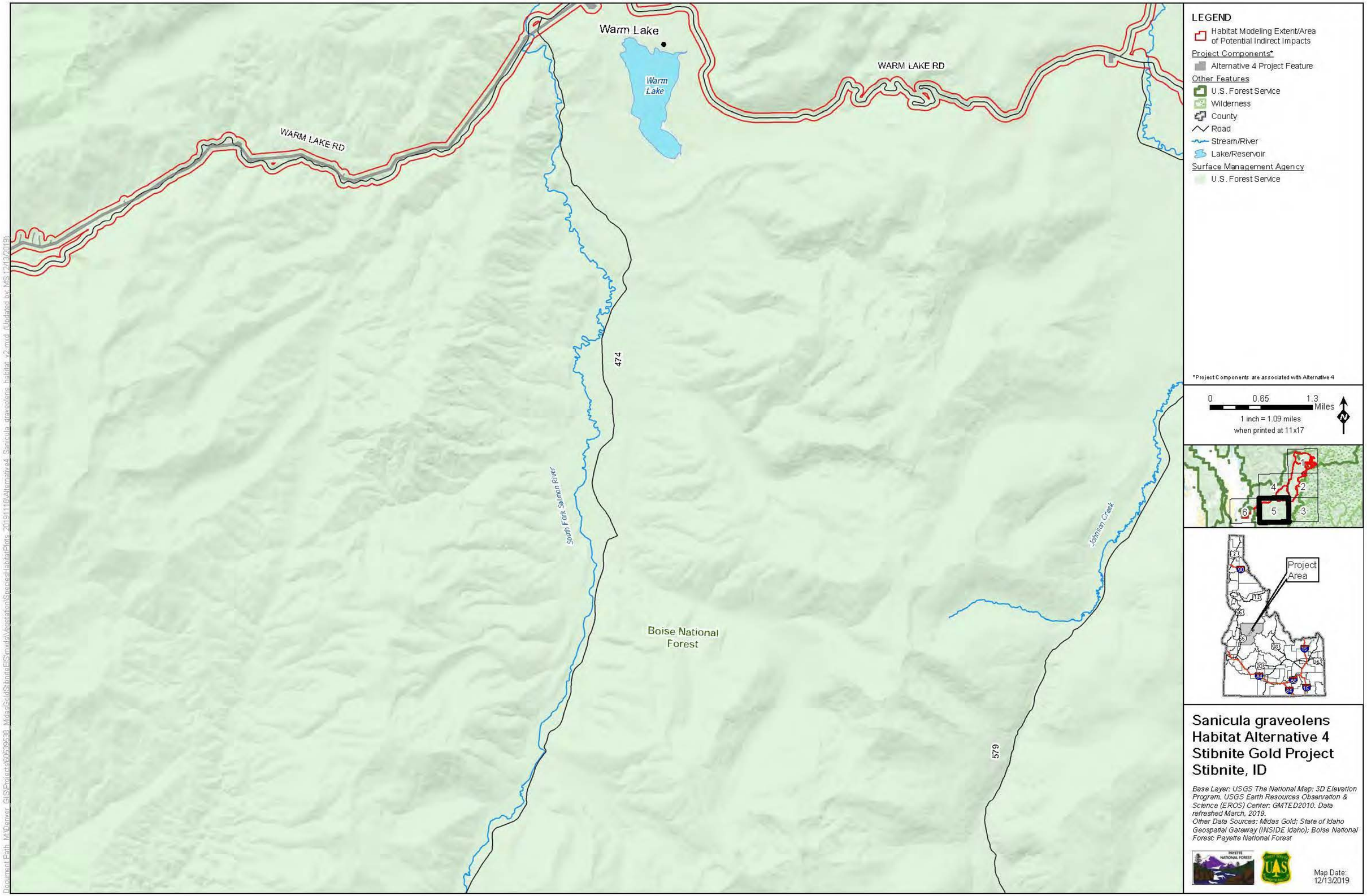


LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Sanicula graveolens Habitat
Clearing of Tall Trees in Sanicula graveolens Habitat for Transmission Line Operation
Indirect Impacts to Sanicula graveolens Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Private
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
N
Payette National Forest
Boise National Forest
South Fork Salmon River
50674
474
467
JOHNSON CREEK RD
Project Area
Sanicula graveolens Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019

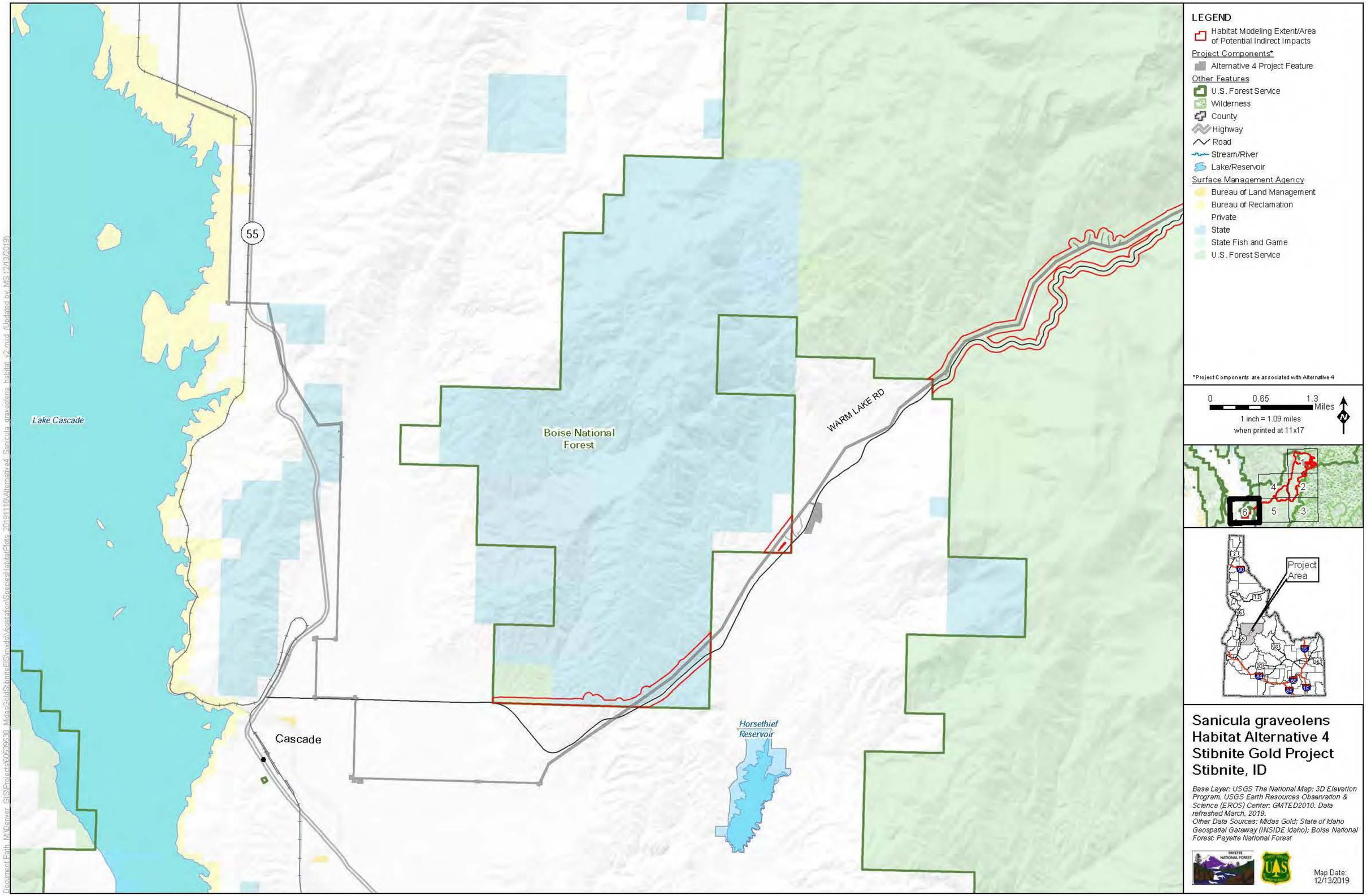


Sanicula graveolens Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

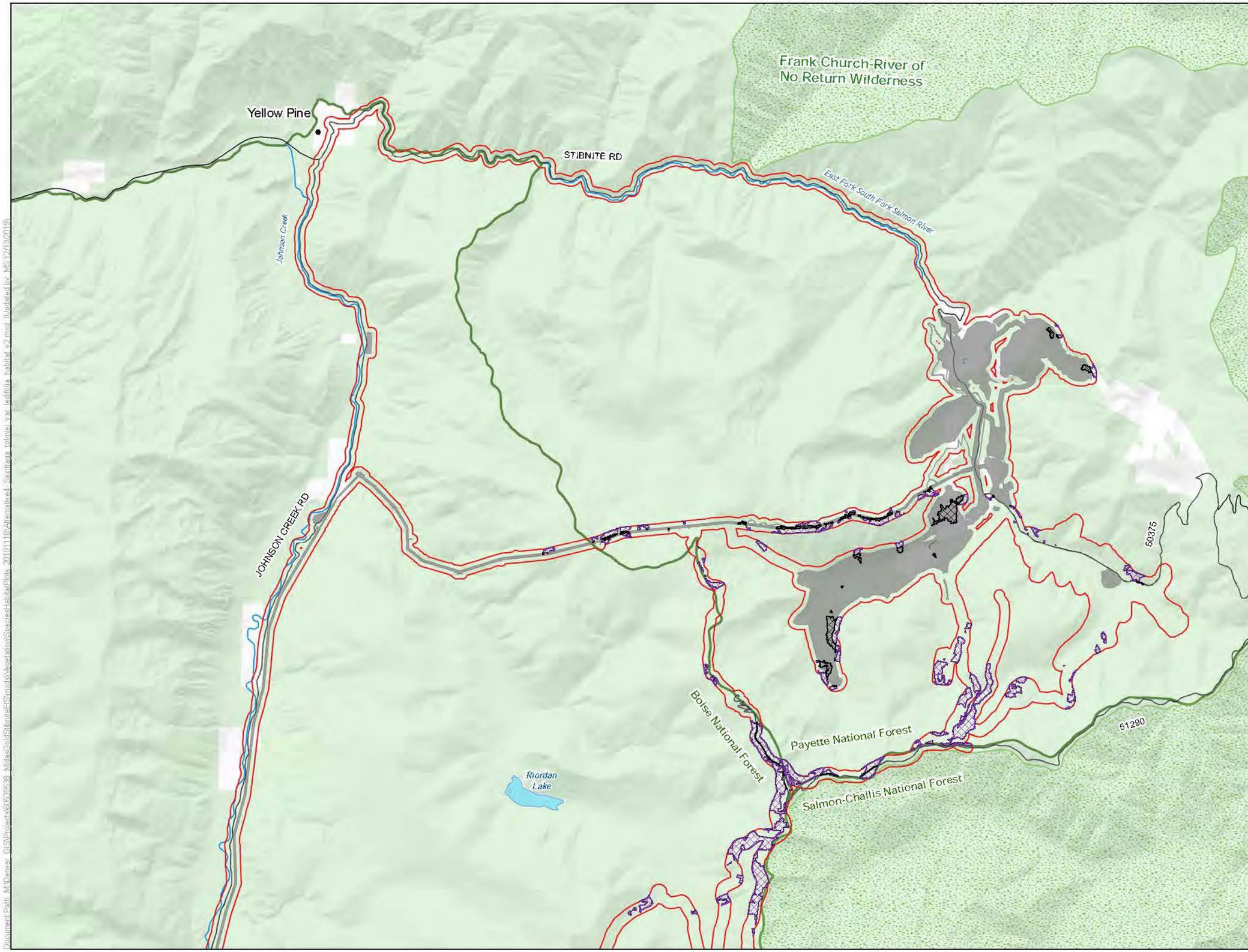
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

Document Path: M:\Denver_GIS\Projects\60539538_MidasGoldStibniteEIS\mxds\Vegetation\SpeciesHabitatPlots_20191118\Alternative4_Sanicula_graveolens_habitat_v2.mxd (Updated by: MS 12/13/2019)



LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Highway
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Bureau of Land Management
Bureau of Reclamation
Private
State
State Fish and Game
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
N
Project Area
Lake Cascade
55
Boise National Forest
WARM LAKE RD
Cascade
Horsethief Reservoir
Sanicula graveolens Habitat Alternative 4
Stibnite Gold Project
Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Saxifraga tolmiei var. ledifolia Habitat
- Clearing of Tall Trees in Saxifraga tolmiei var. ledifolia Habitat for Transmission Line Operation
- Indirect Impacts to Saxifraga tolmiei var. ledifolia Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

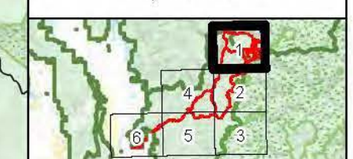
Surface Management Agency

- Private
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



Saxifraga tolmiei var. ledifolia
Habitat Alternative 4
Stibnite Gold Project
Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

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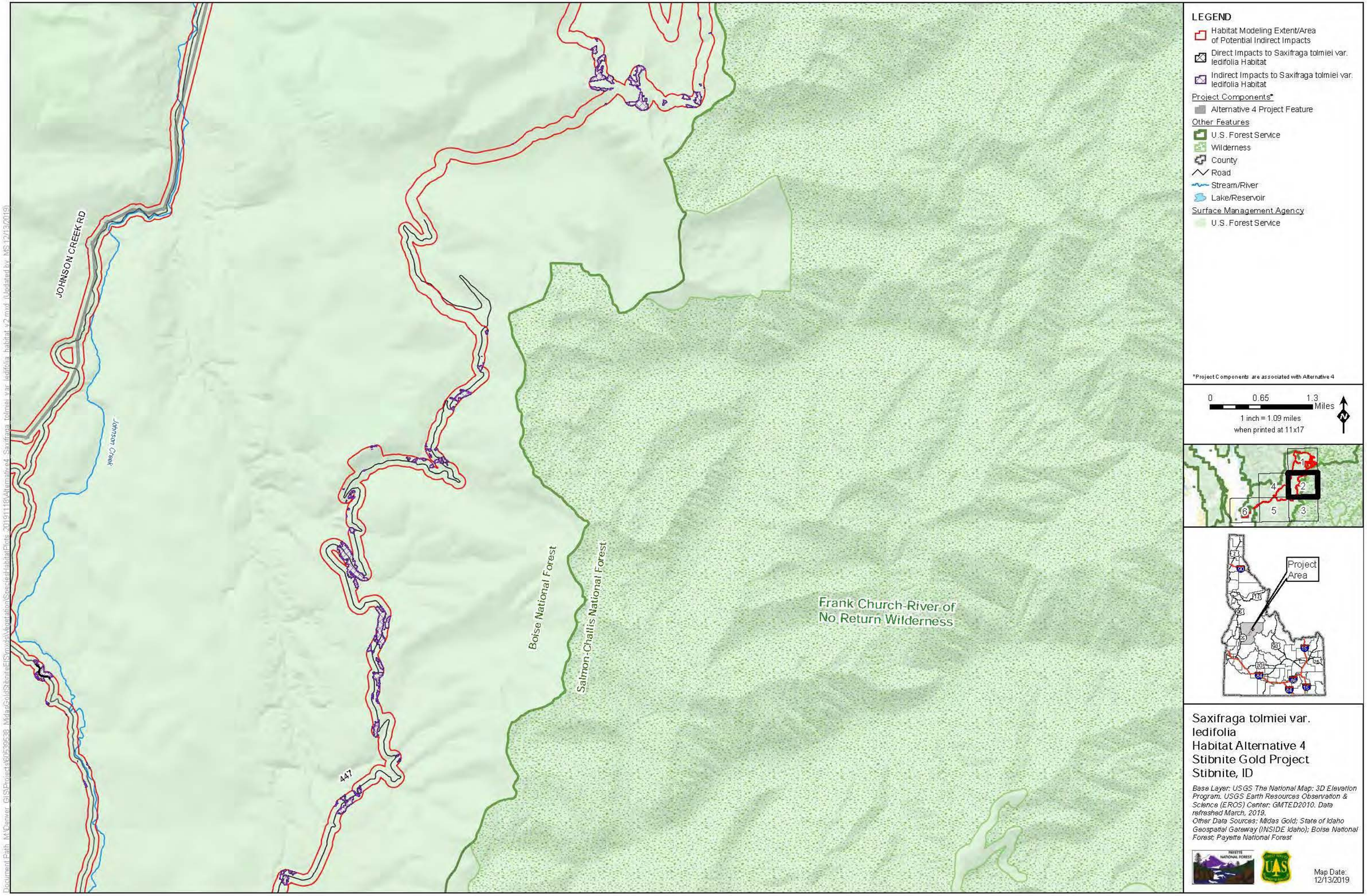
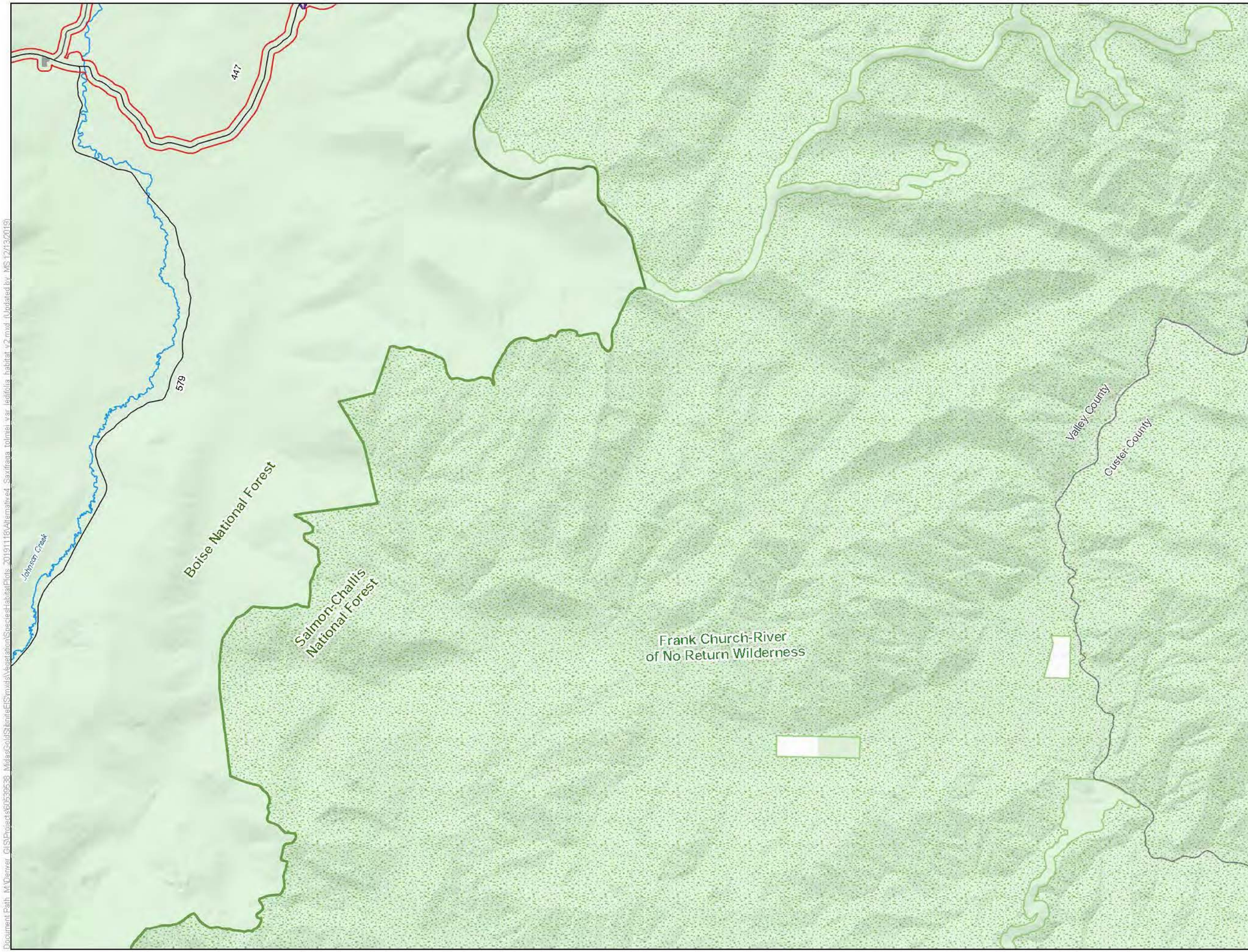


JOHNSON CREEK RD
Johnson Creek
447
Boise National Forest
Salmon-Challis National Forest
Frank Church-River of No Return Wilderness
LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Saxifraga tolmiei var. ledifolia Habitat
Indirect Impacts to Saxifraga tolmiei var. ledifolia Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
U.S. Forest Service
*Project Components are associated with Alternative 4
0 0.65 1.3 Miles
1 inch = 1.09 miles when printed at 11x17
N
1
2
3
4
5
6
Project Area
Saxifraga tolmiei var. ledifolia
Habitat Alternative 4
Stibnite Gold Project
Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Indirect Impacts to Saxifraga tolmiei var. ledifolia Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

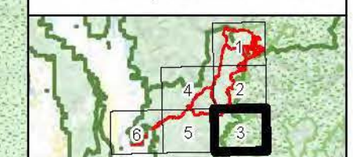
Surface Management Agency

- Private
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



Saxifraga tolmiei var. ledifolia
Habitat Alternative 4
Stibnite Gold Project
Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

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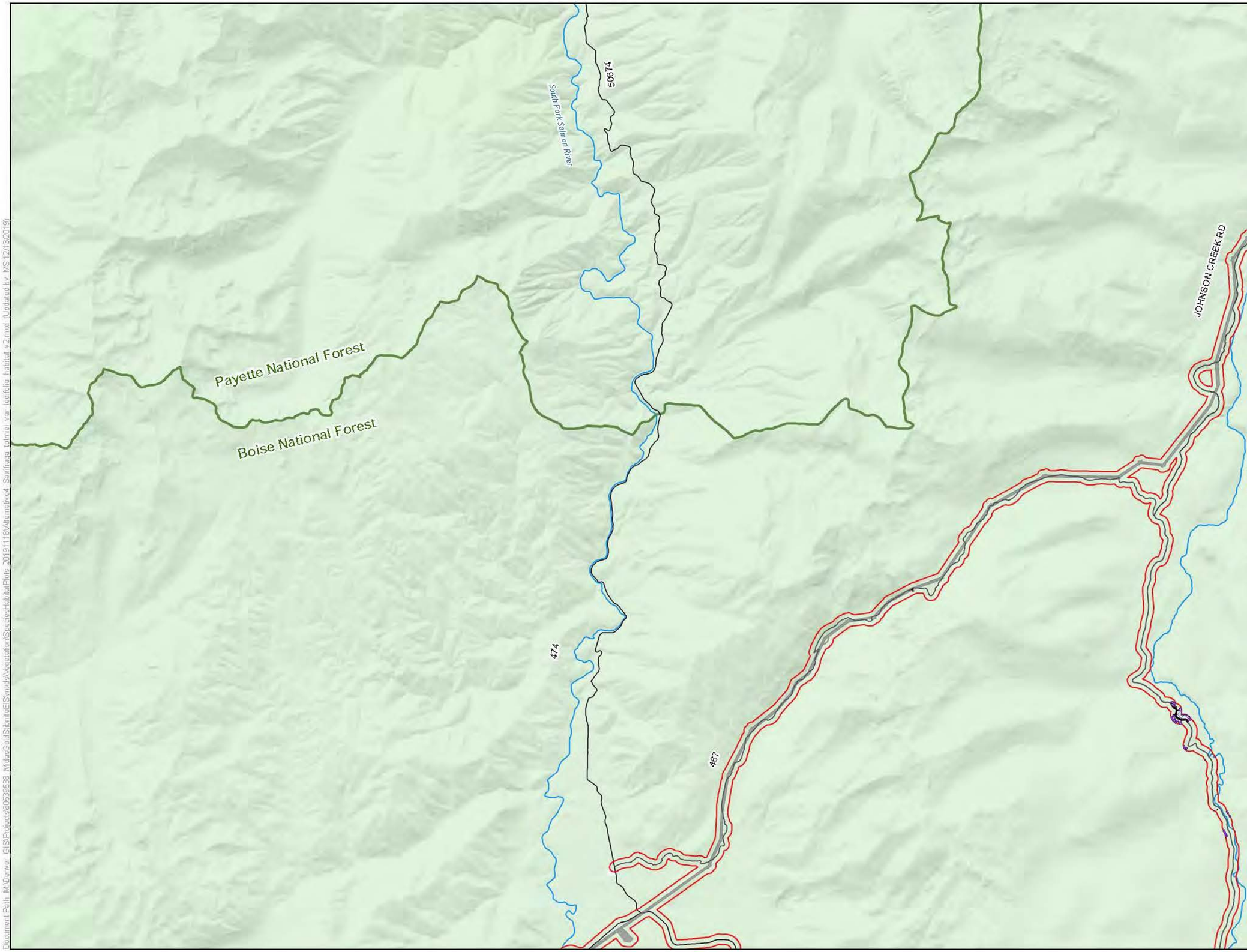


LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Saxifraga tolmiei var. Iedifolia Habitat
- Clearing of Tall Trees in Saxifraga tolmiei var. Iedifolia Habitat for Transmission Line Operation
- Indirect Impacts to Saxifraga tolmiei var. Iedifolia Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

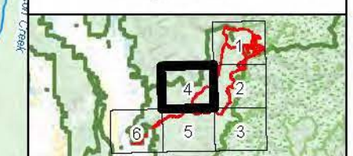
Surface Management Agency

- Private
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



Saxifraga tolmiei var. Iedifolia
Habitat Alternative 4
Stibnite Gold Project
Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

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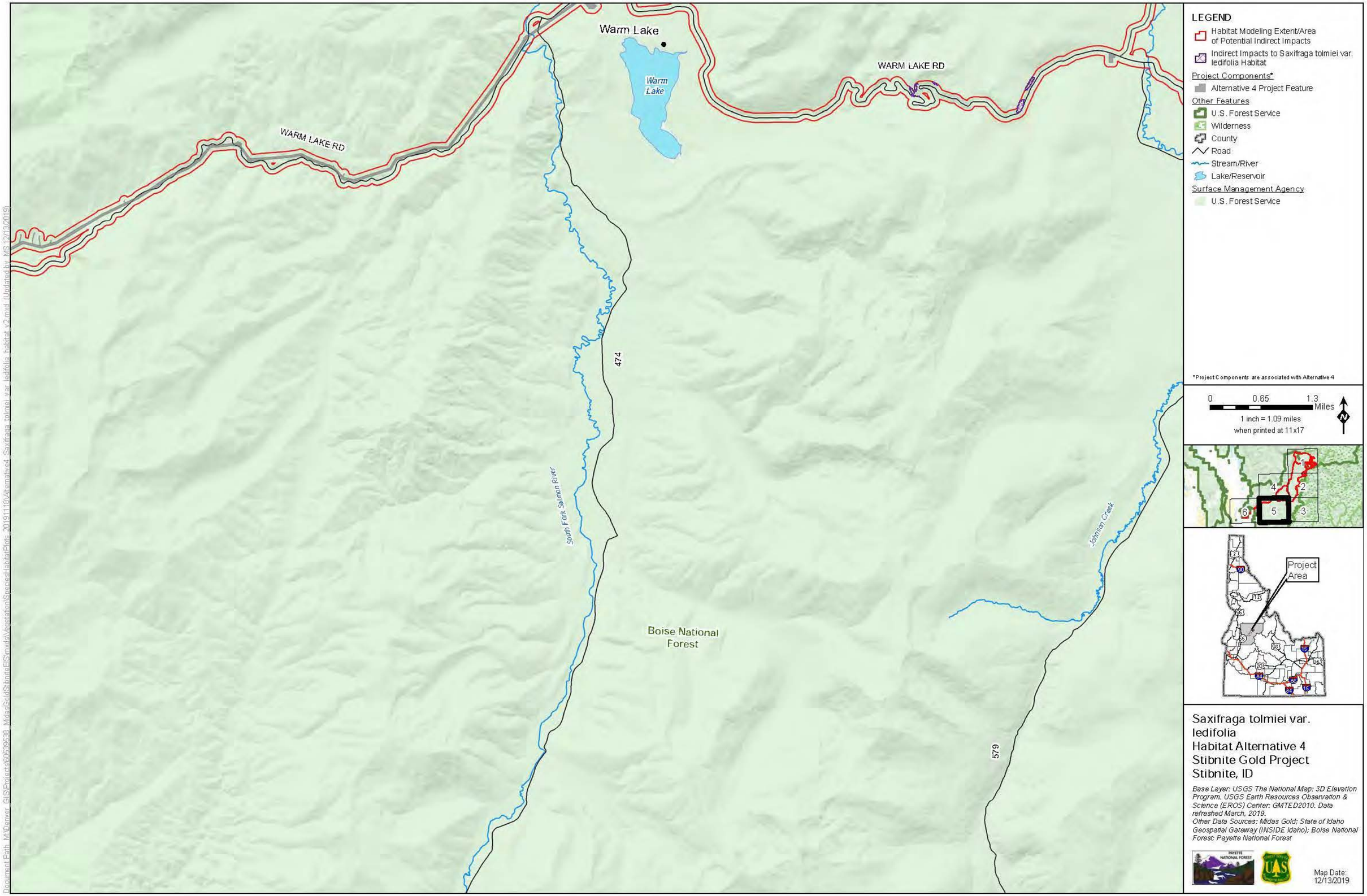
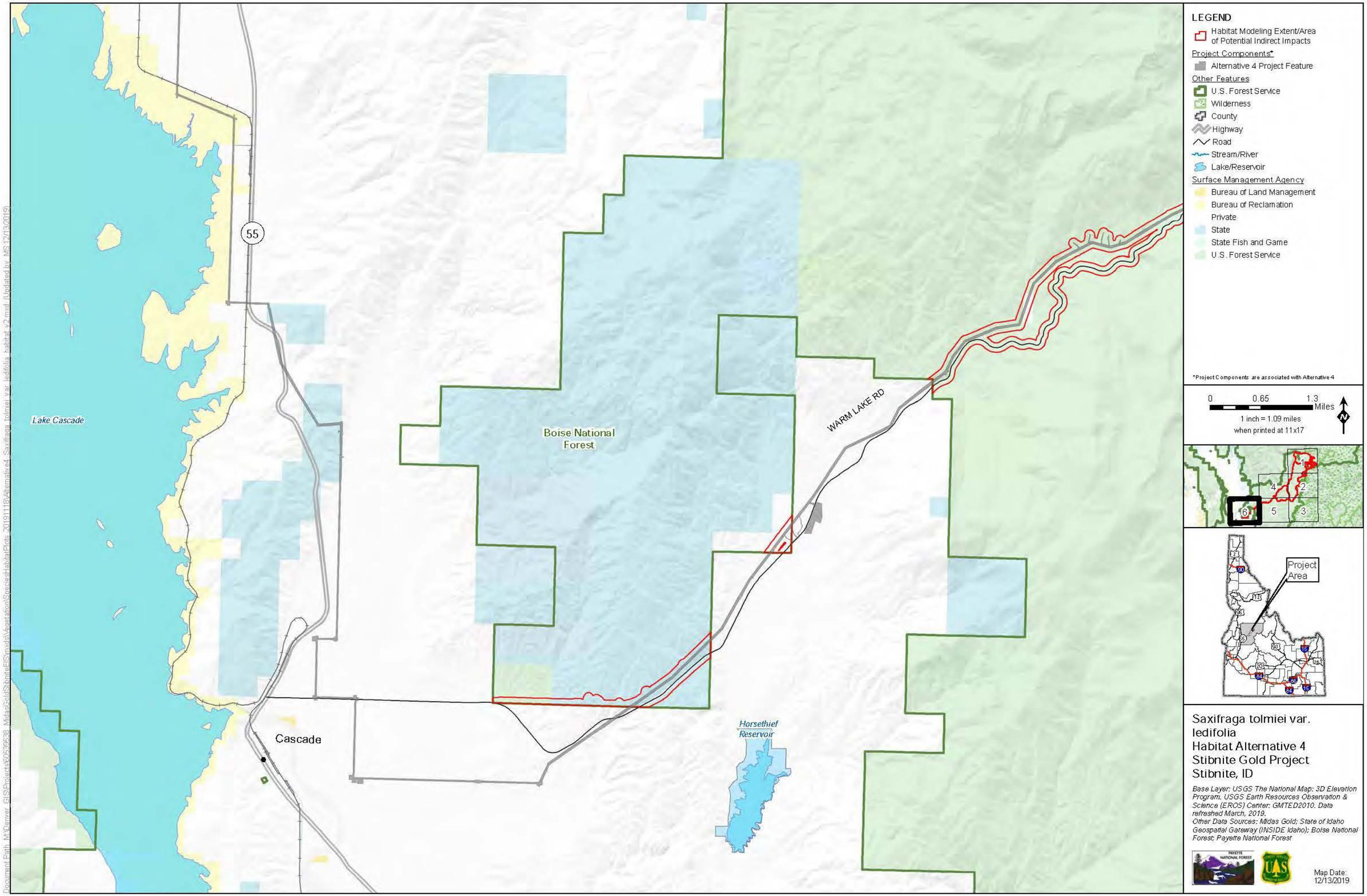
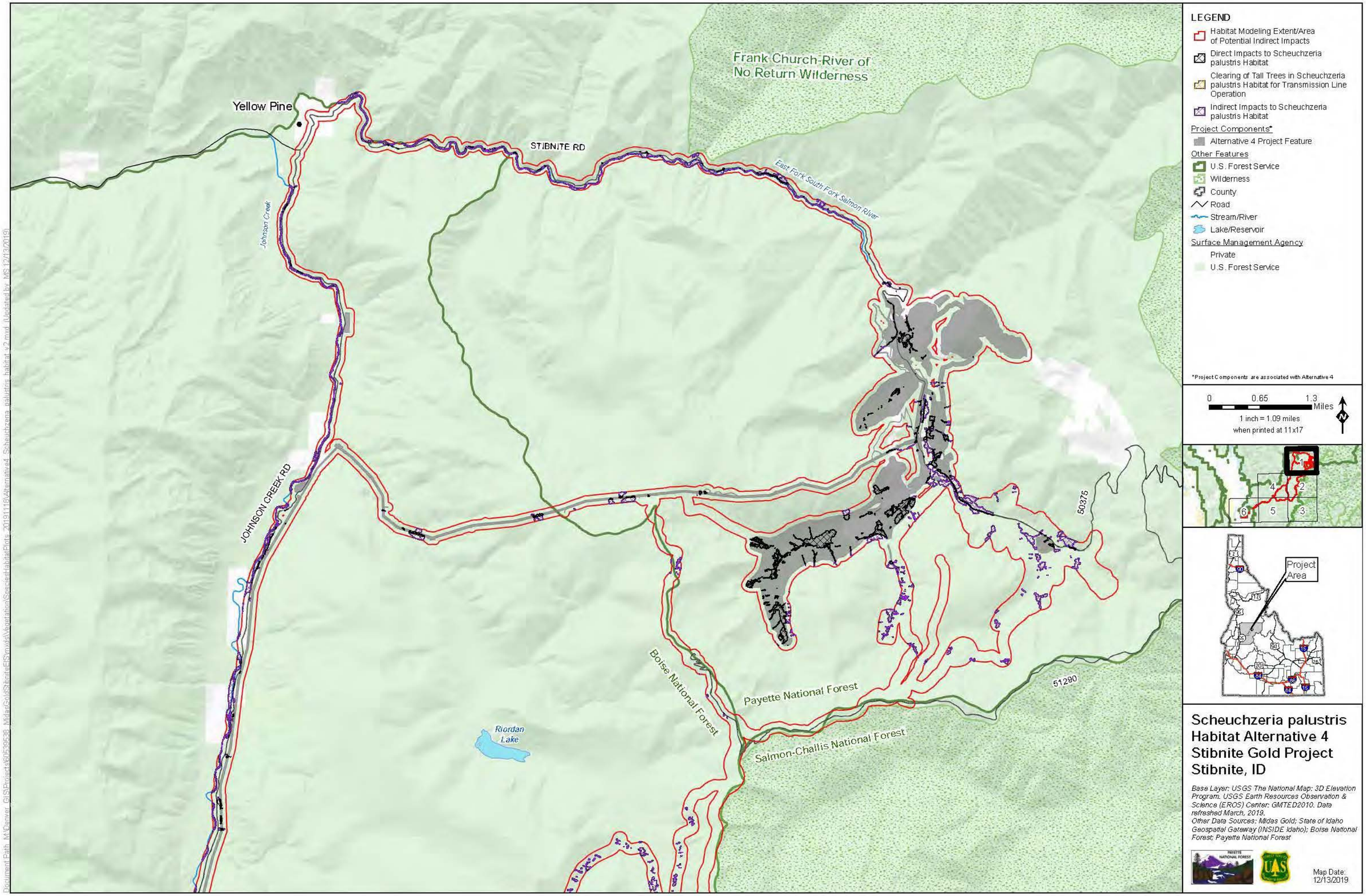


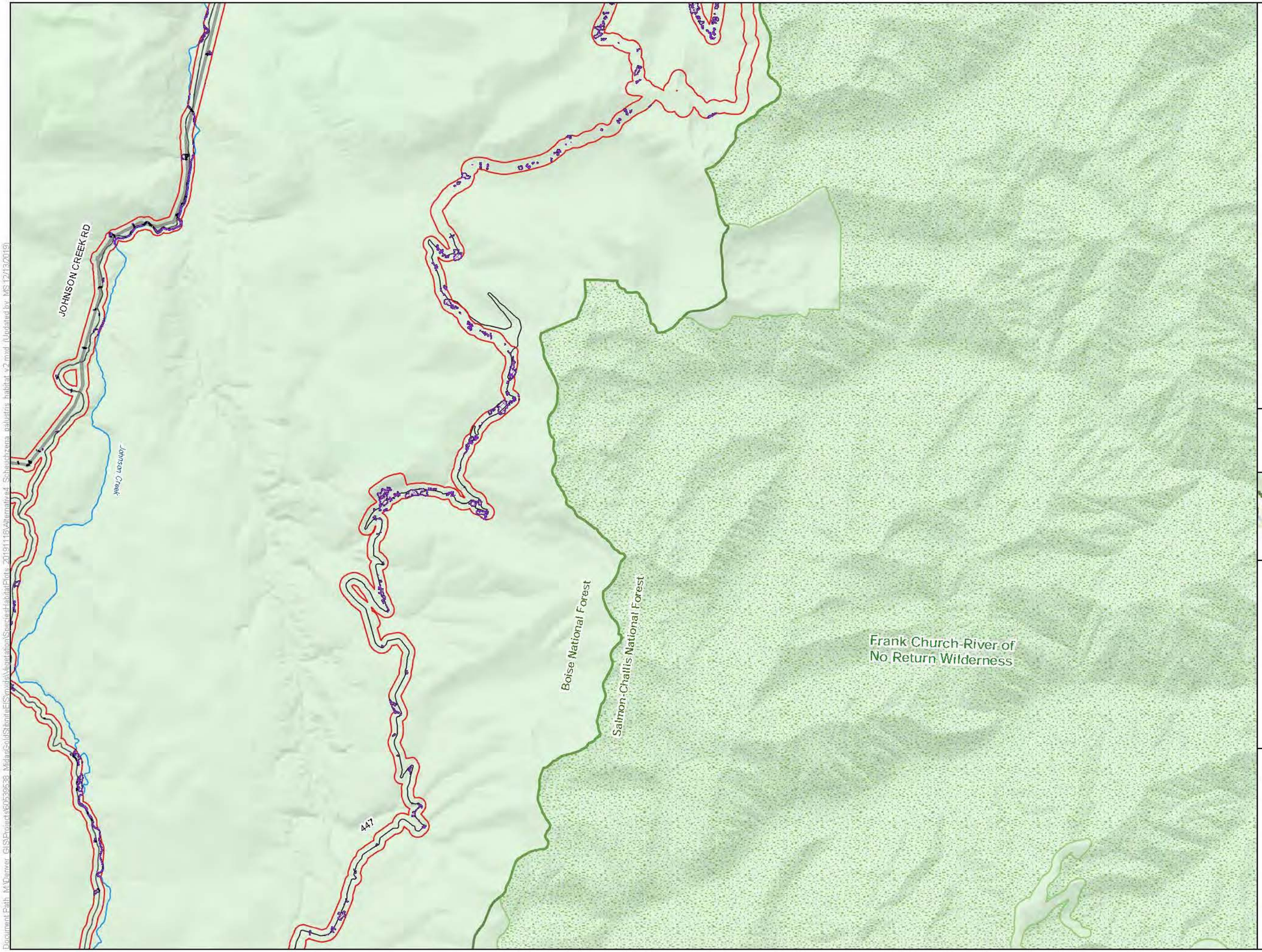
Warm Lake
Warm Lake
WARM LAKE RD
WARM LAKE RD
474
South Fork Salmon River
Johnson Creek
Boise National Forest
579
LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Indirect Impacts to Saxifraga tolmiei var. ledifolia Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
N
1
2
3
4
5
6
Project Area
Saxifraga tolmiei var. ledifolia
Habitat Alternative 4
Stibnite Gold Project
Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Highway
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Bureau of Land Management
Bureau of Reclamation
Private
State
State Fish and Game
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
N
Project Area
Lake Cascade
55
Boise National Forest
WARM LAKE RD
Cascade
Horsethief Reservoir
Saxifraga tolmiei var. ledifolia
Habitat Alternative 4
Stibnite Gold Project
Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



Frank Church-River of No Return Wilderness
Yellow Pine
STIBNITE RD
East Fork South Fork Salmon River
Johnson Creek
JOHNSON CREEK RD
50375
51290
Boise National Forest
Payette National Forest
Salmon-Challis National Forest
Riordan Lake
LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Scheuchzeria palustris Habitat
Clearing of Tall Trees in Scheuchzeria palustris Habitat for Transmission Line Operation
Indirect Impacts to Scheuchzeria palustris Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Private
U.S. Forest Service
*Project Components are associated with Alternative 4
0 0.65 1.3 Miles
1 inch = 1.09 miles when printed at 11x17
Project Area
Scheuchzeria palustris Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Scheuchzeria palustris Habitat
- Clearing of Tall Trees in Scheuchzeria palustris Habitat for Transmission Line Operation
- Indirect Impacts to Scheuchzeria palustris Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

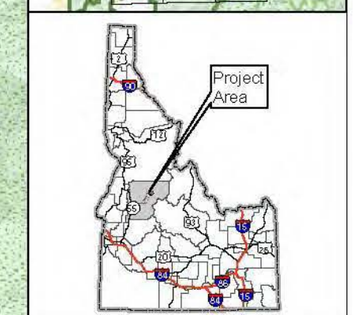
Surface Management Agency

- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



Scheuchzeria palustris Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

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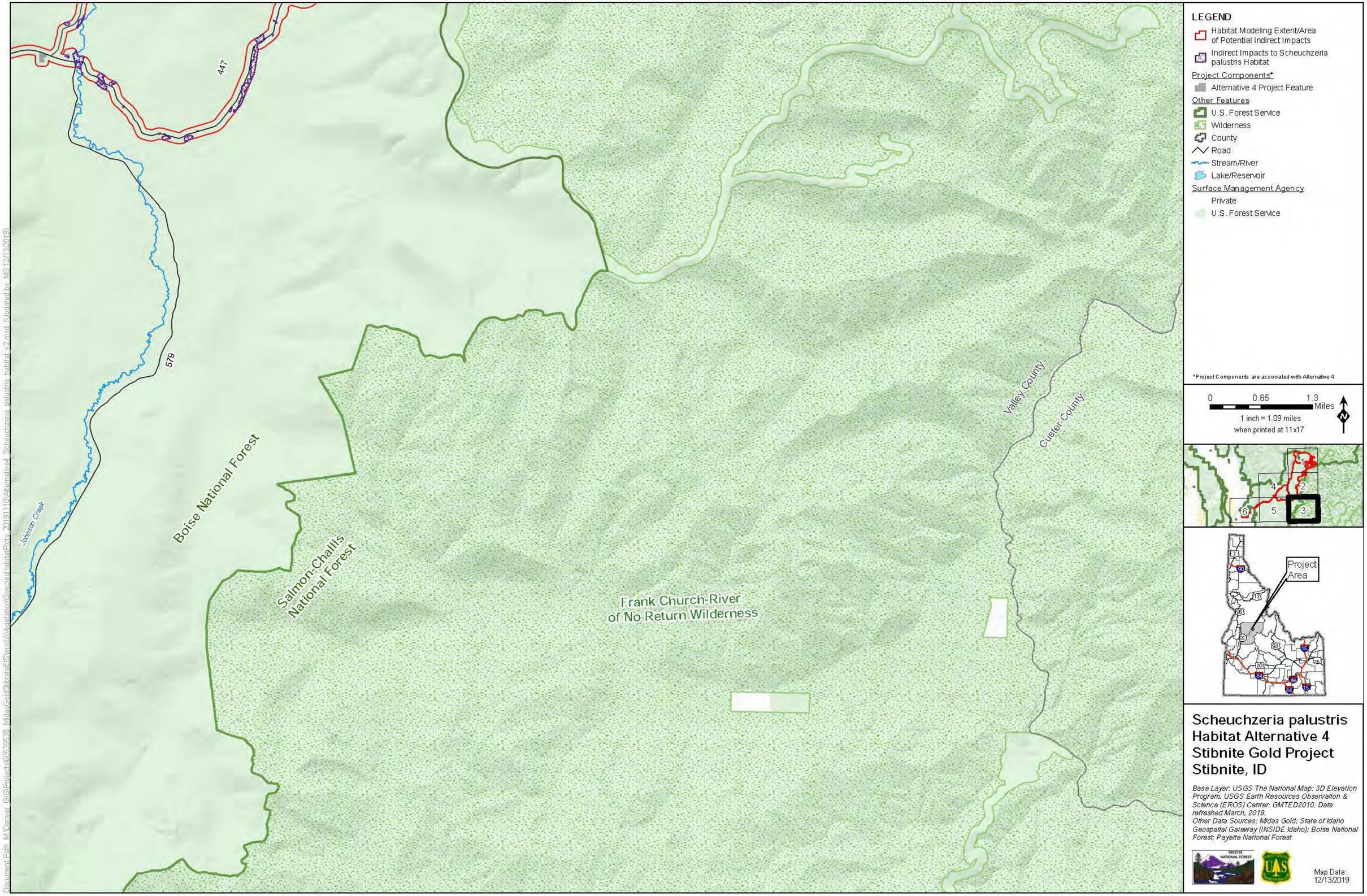
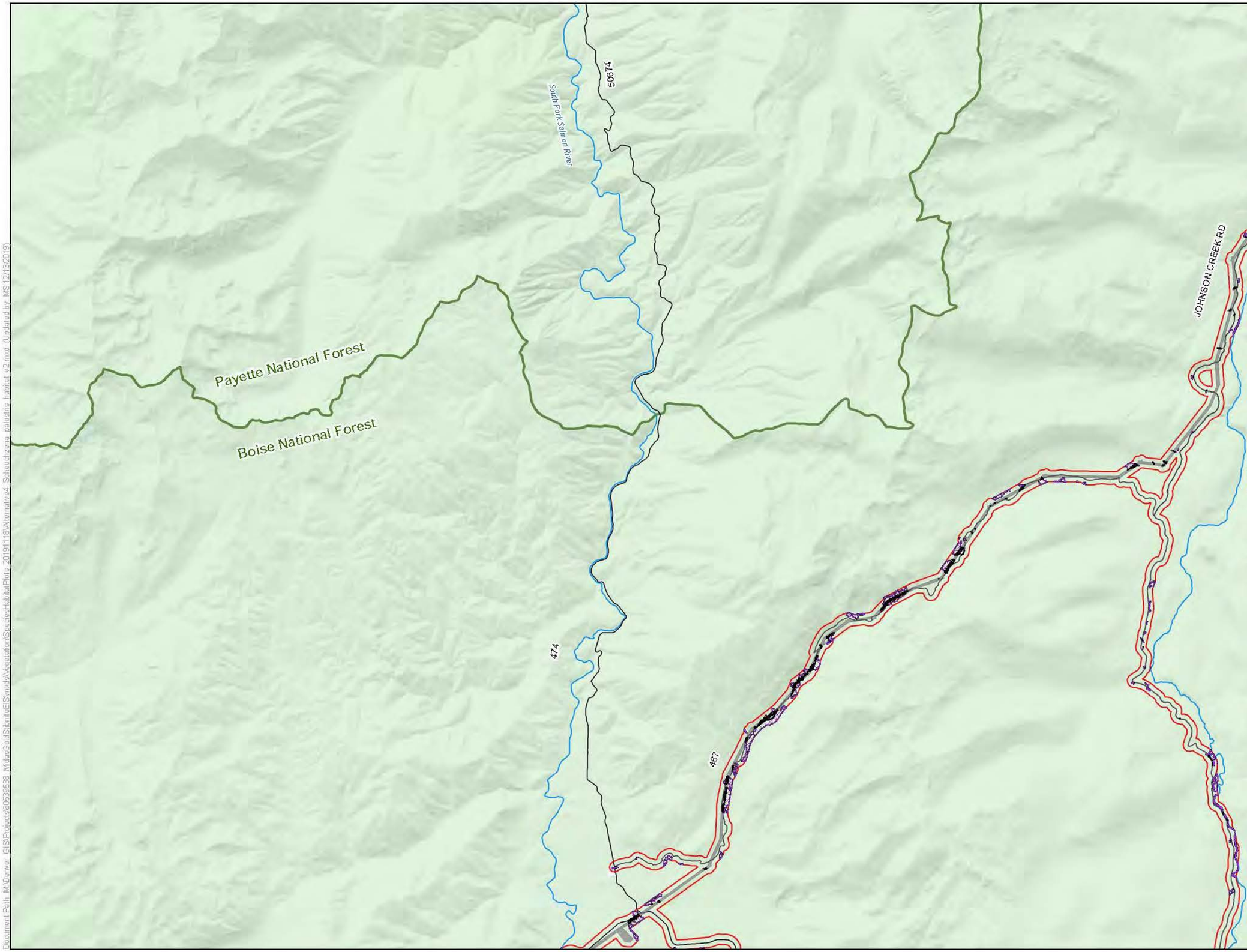


LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Indirect Impacts to Scheuchzeria palustris Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Private
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
N
447
579
Johnson Creek
Boise National Forest
Salmon-Challis National Forest
Frank Church-River of No Return Wilderness
Valley County
Custer County
1
2
3
4
5
6
Project Area
Scheuchzeria palustris Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Direct Impacts to Scheuchzeria palustris Habitat
- Clearing of Tall Trees in Scheuchzeria palustris Habitat for Transmission Line Operation
- Indirect Impacts to Scheuchzeria palustris Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

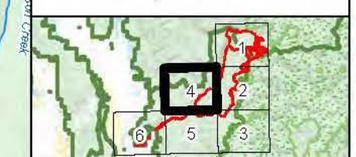
Surface Management Agency

- Private
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17



Scheuchzeria palustris Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

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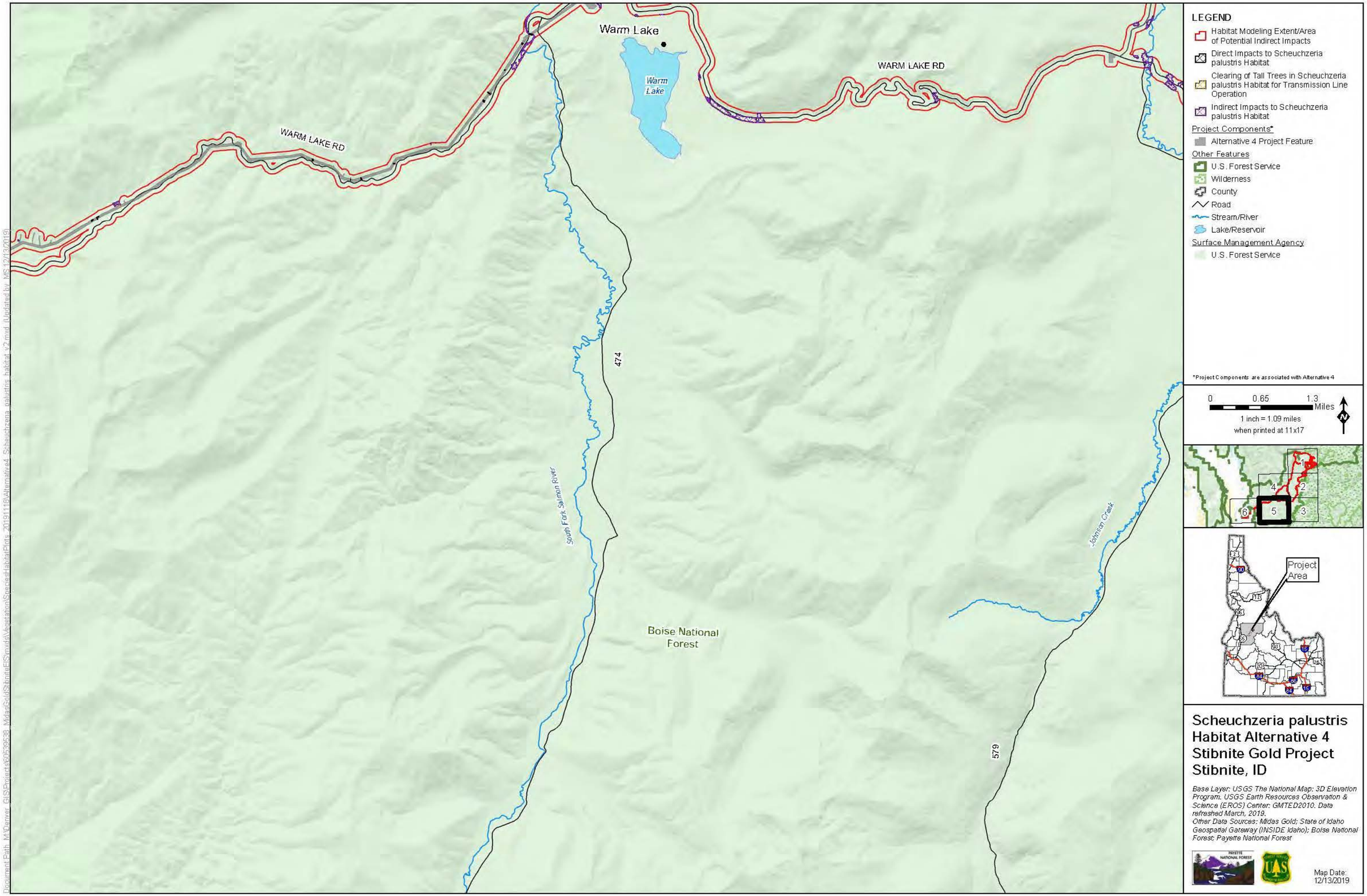

Scheuchzeria palustris Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

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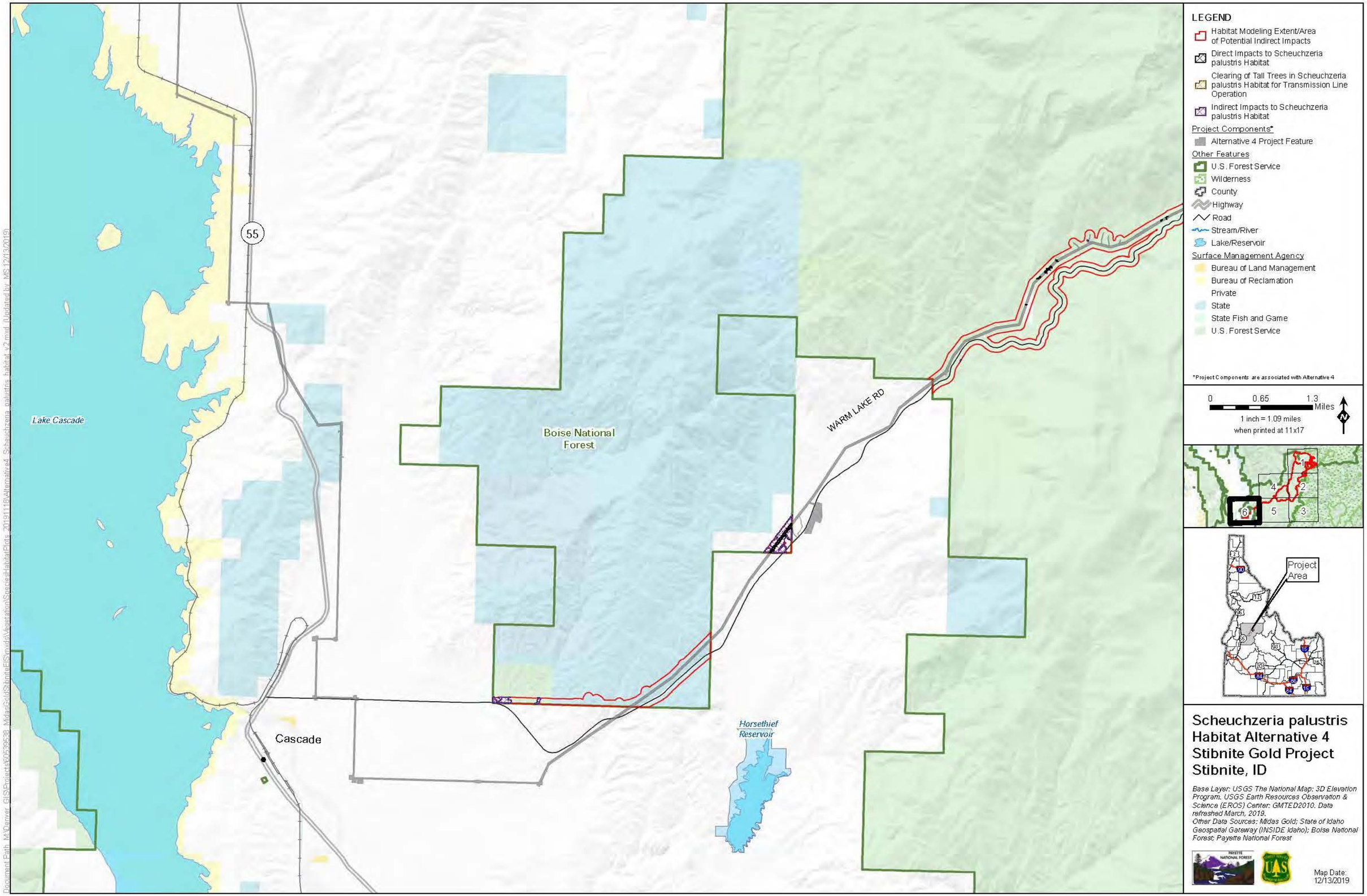
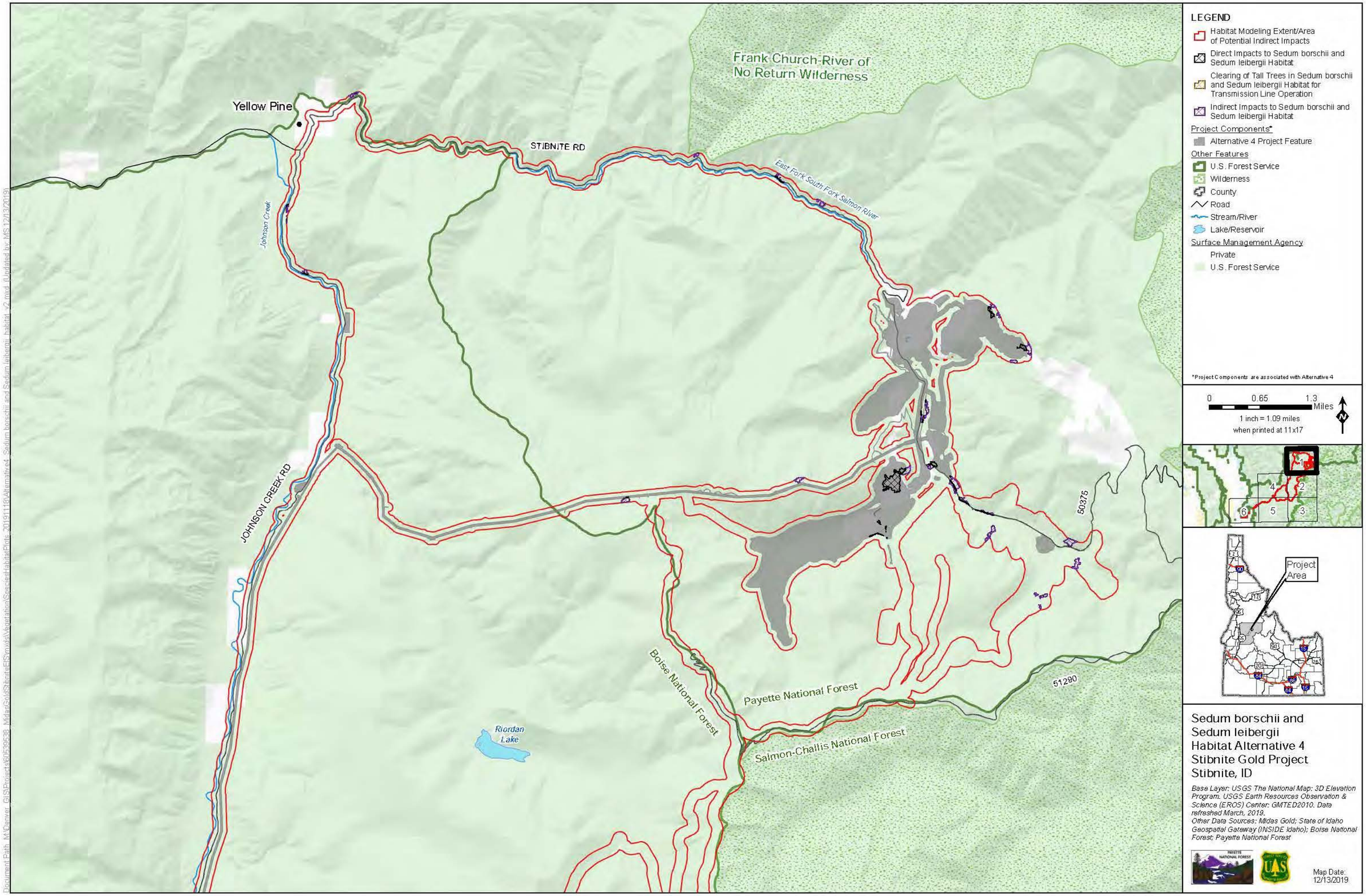
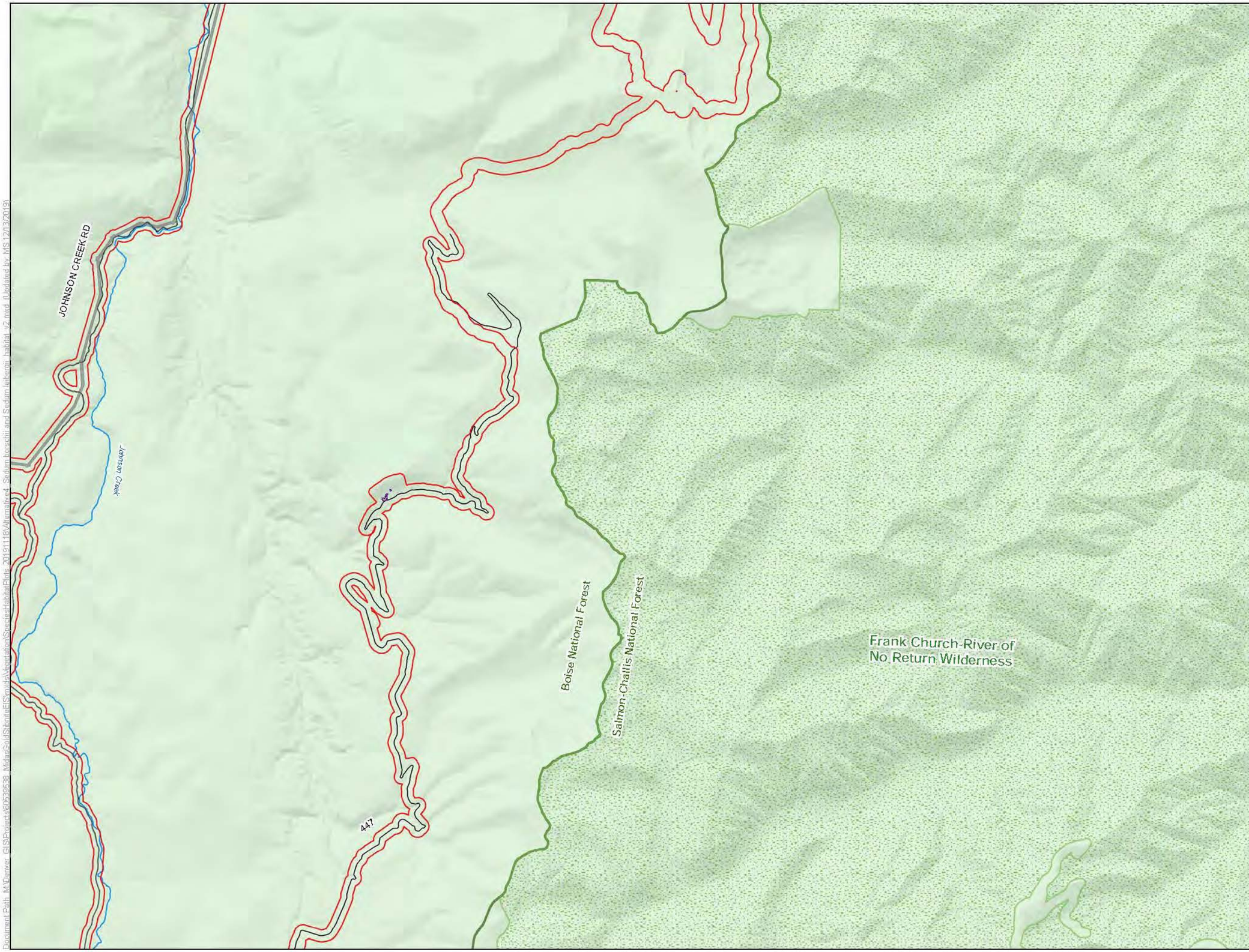


LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Scheuchzeria palustris Habitat
Clearing of Tall Trees in Scheuchzeria palustris Habitat for Transmission Line Operation
Indirect Impacts to Scheuchzeria palustris Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Highway
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Bureau of Land Management
Bureau of Reclamation
Private
State
State Fish and Game
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
N
Project Area
Lake Cascade
55
Boise National Forest
WARM LAKE RD
Cascade
Horsethief Reservoir
Scheuchzeria palustris Habitat Alternative 4
Stibnite Gold Project
Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



Yellow Pine
STIBNITE RD
Frank Church-River of No Return Wilderness
East Fork South Fork Salmon River
Johnson Creek
JOHNSON CREEK RD
50375
51290
Boise National Forest
Payette National Forest
Salmon-Challis National Forest
Riordan Lake
LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Sedum borschii and Sedum leibergii Habitat
Clearing of Tall Trees in Sedum borschii and Sedum leibergii Habitat for Transmission Line Operation
Indirect Impacts to Sedum borschii and Sedum leibergii Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Private
U.S. Forest Service
*Project Components are associated with Alternative 4
0 0.65 1.3 Miles
1 inch = 1.09 miles when printed at 11x17
Project Area
Sedum borschii and Sedum leibergii Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



LEGEND

Habitat Modeling Extent/Area of Potential Indirect Impacts

Indirect Impacts to Sedum borschii and Sedum leibergii Habitat

Project Components*

Alternative 4 Project Feature

Other Features

U.S. Forest Service

Wilderness

County

Road

Stream/River

Lake/Reservoir

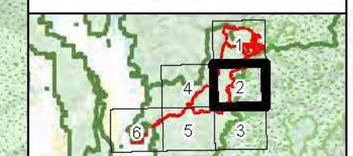
Surface Management Agency

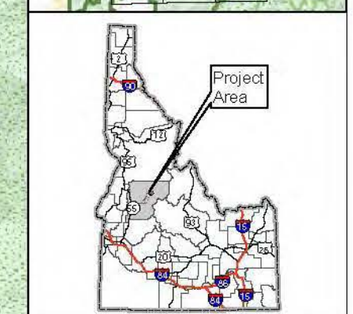
U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17





Sedum borschii and Sedum leibergii Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

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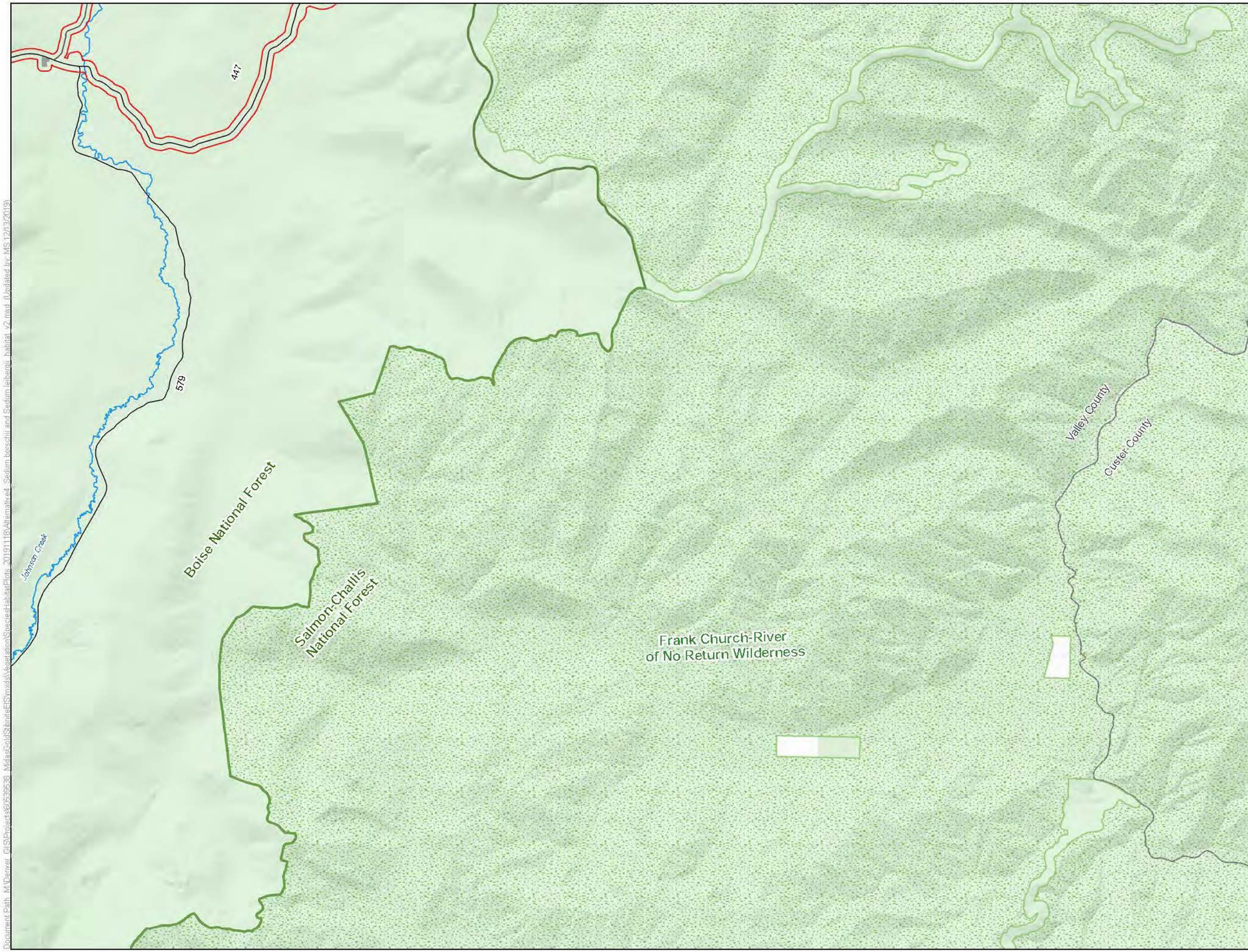


LEGEND

Habitat Modeling Extent/Area of Potential Indirect Impacts

Project Components*

Alternative 4 Project Feature

Other Features

U.S. Forest Service

Wilderness

County

Road

Stream/River

Lake/Reservoir

Surface Management Agency

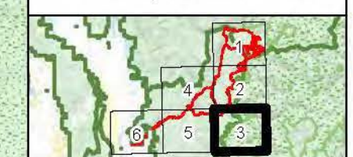
Private

U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17

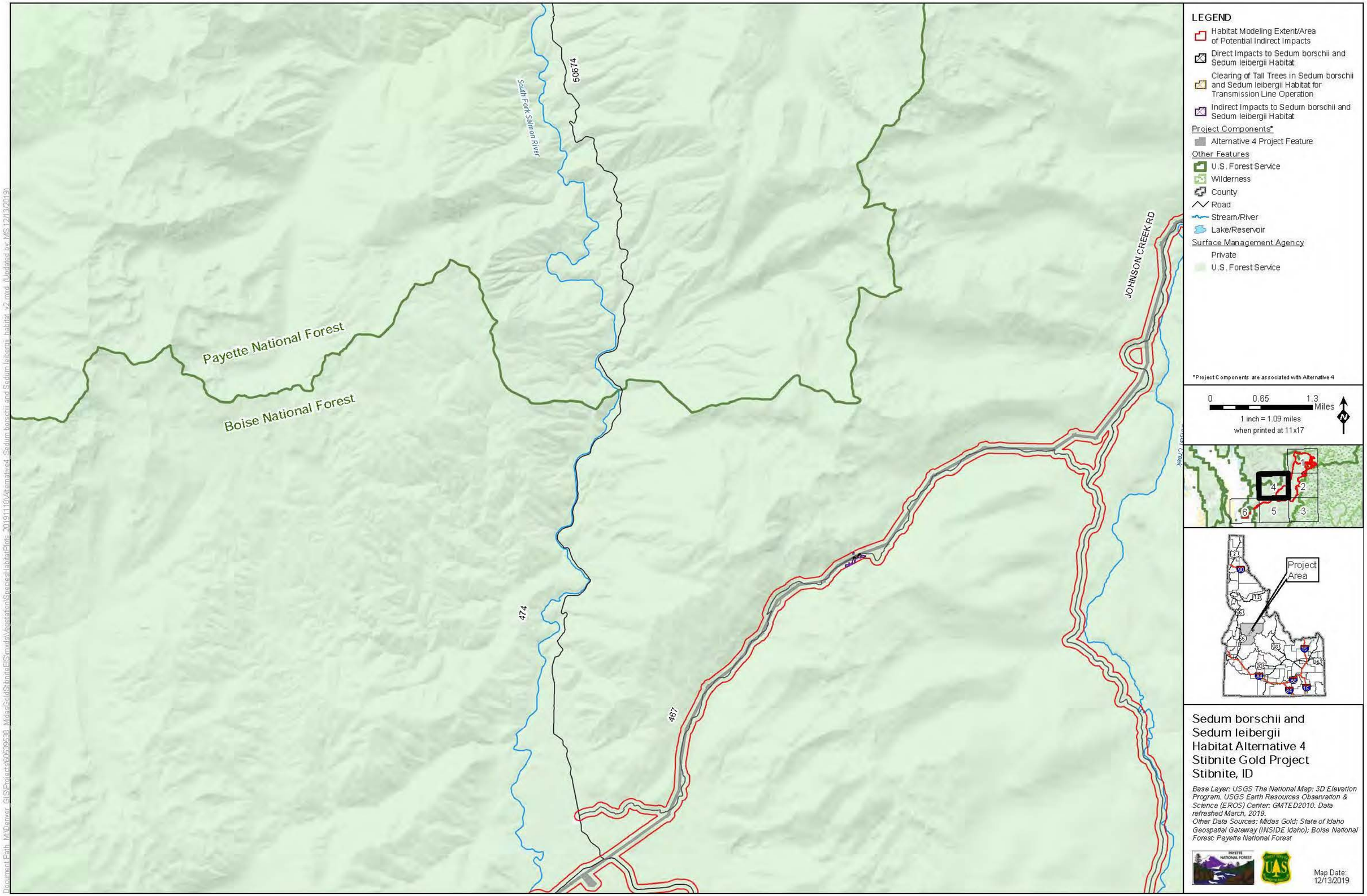


Sedum borschii and Sedum leibergii Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

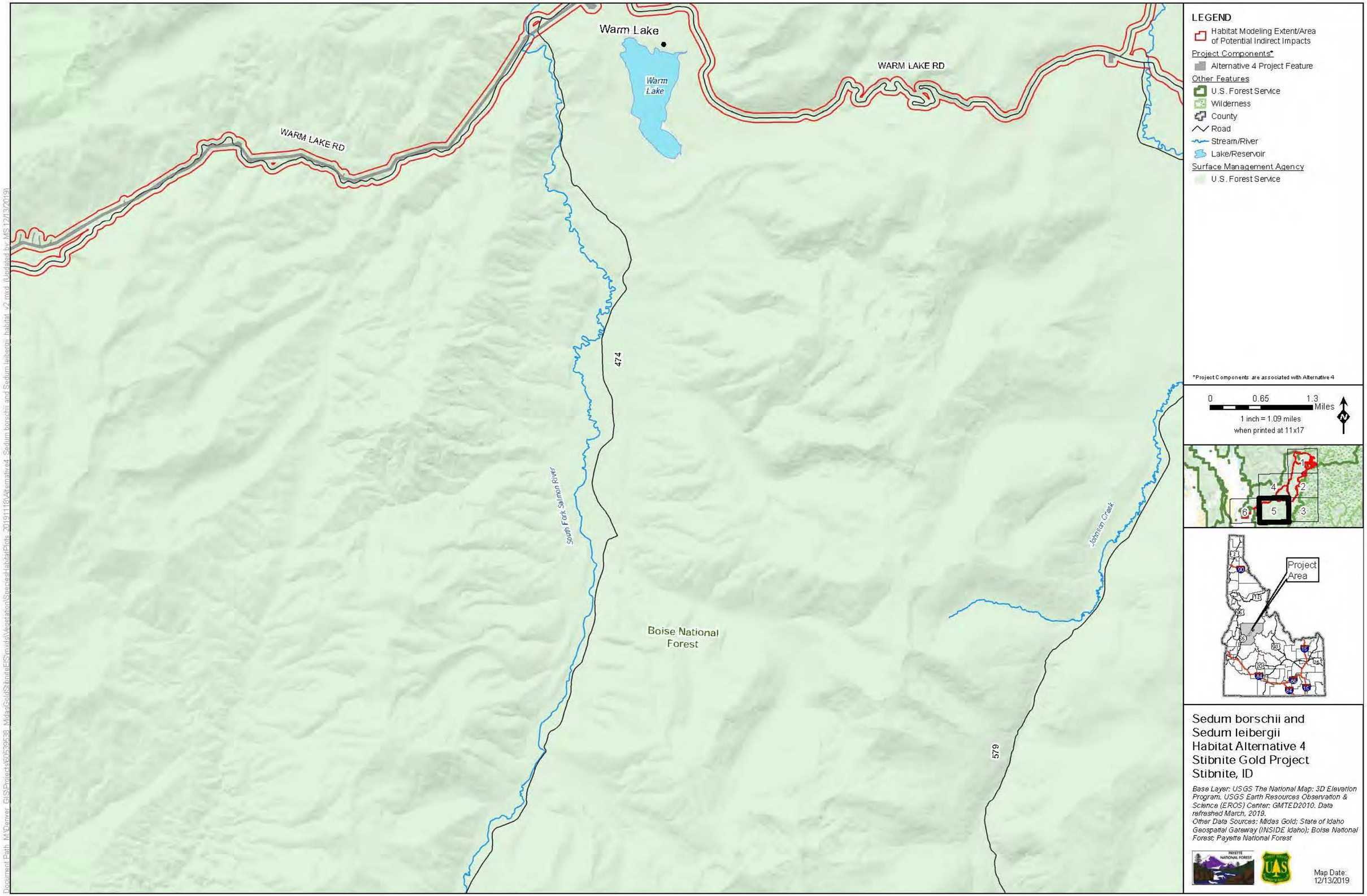
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

Document Path: M:\Denver_GIS\Projects\60559538_MidasGoldStibniteEIS\mxd\Vegetation\Species\HabitatPlots_20191116\Alternative4_Sedum borschii and Sedum leibergii_habitat_v2.mxd (Updated by MS 12/13/2019)



LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Sedum borschii and Sedum leibergii Habitat
Clearing of Tall Trees in Sedum borschii and Sedum leibergii Habitat for Transmission Line Operation
Indirect Impacts to Sedum borschii and Sedum leibergii Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Private
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
N
Payette National Forest
Boise National Forest
South Fork Salmon River
50674
474
467
JOHNSON CREEK RD
Project Area
Sedum borschii and
Sedum leibergii
Habitat Alternative 4
Stibnite Gold Project
Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date:
12/13/2019



Sedum borschii and
Sedum leibergii
Habitat Alternative 4
Stibnite Gold Project
Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date:
12/13/2019

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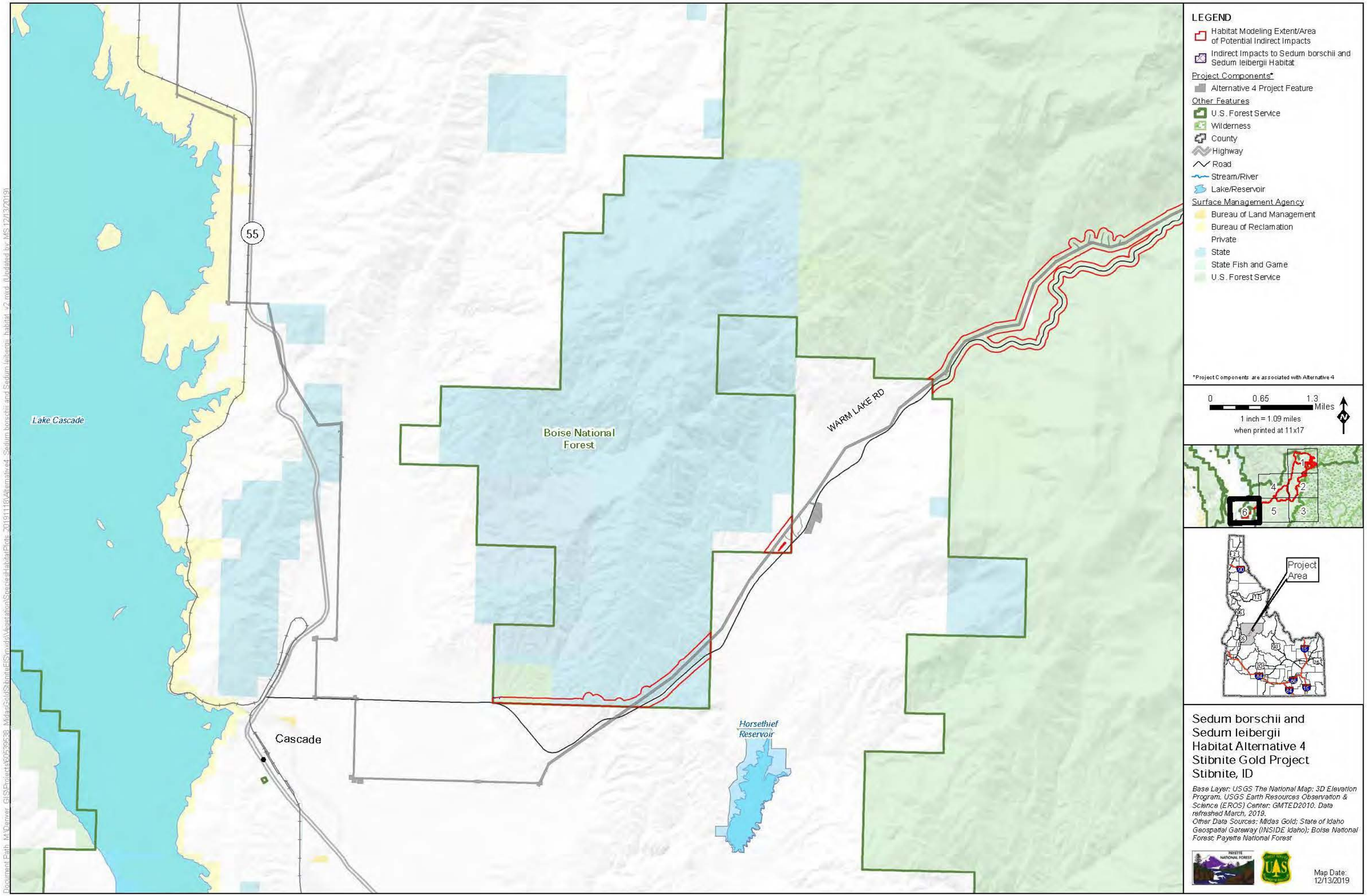
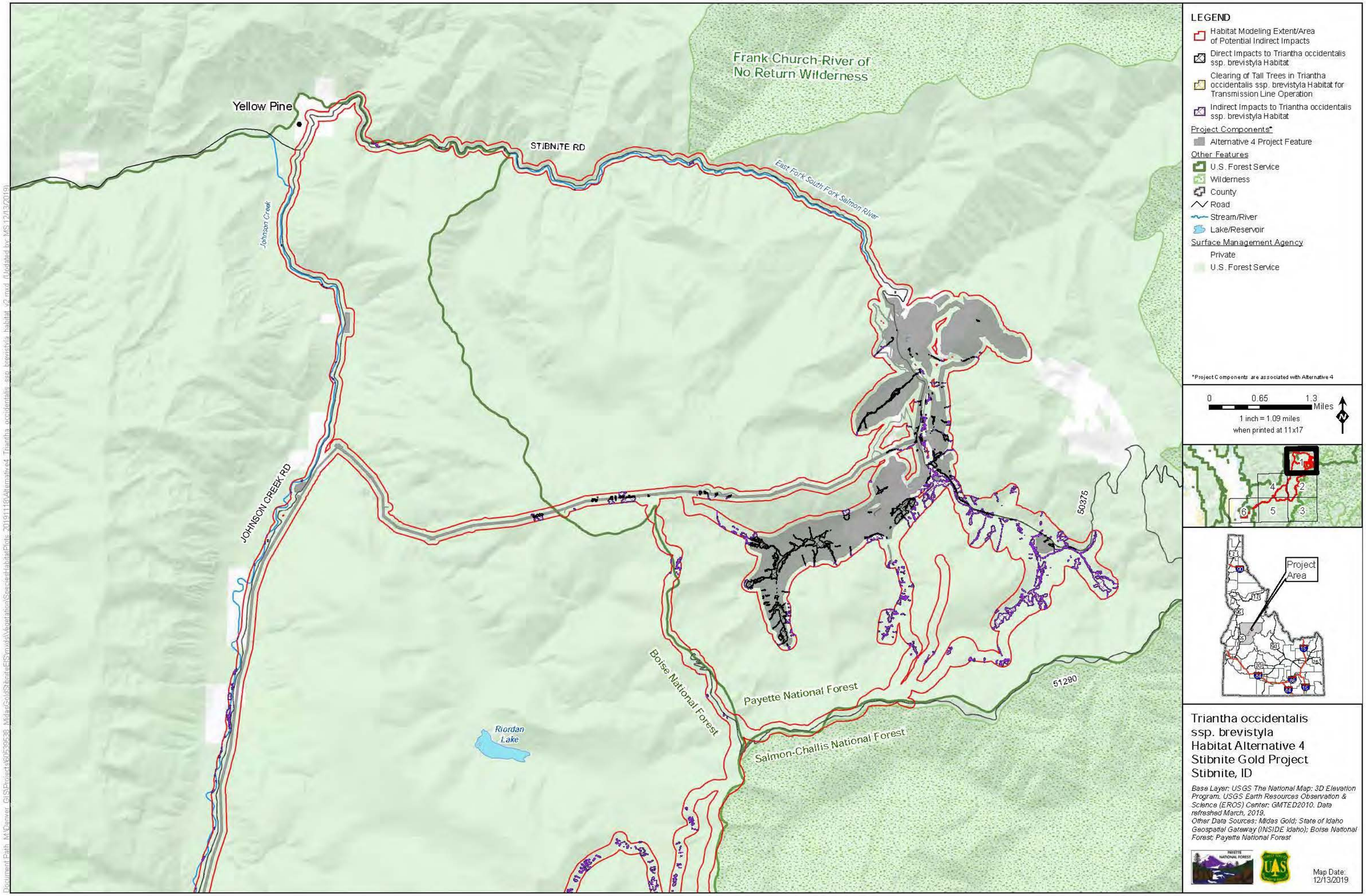
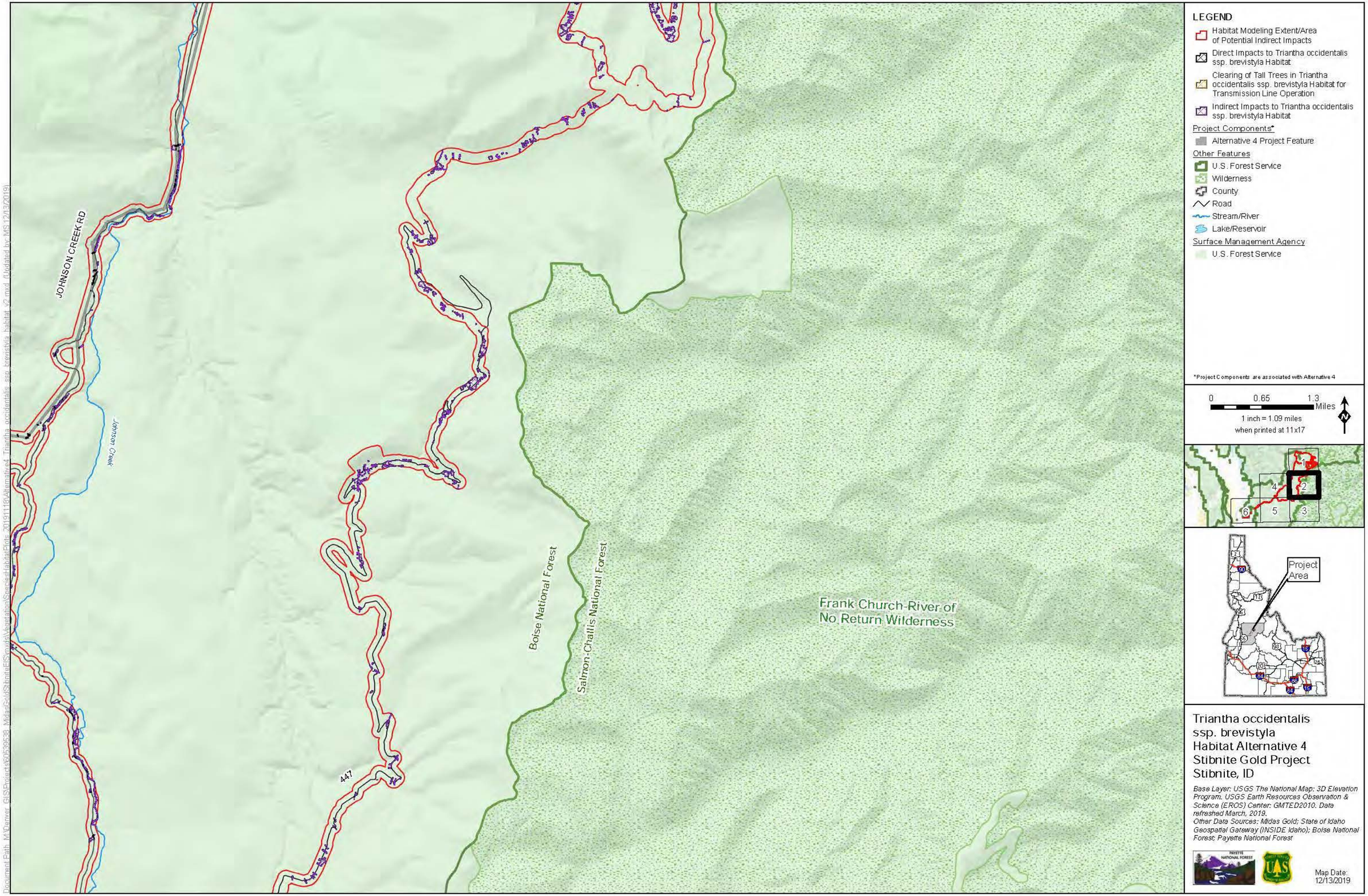


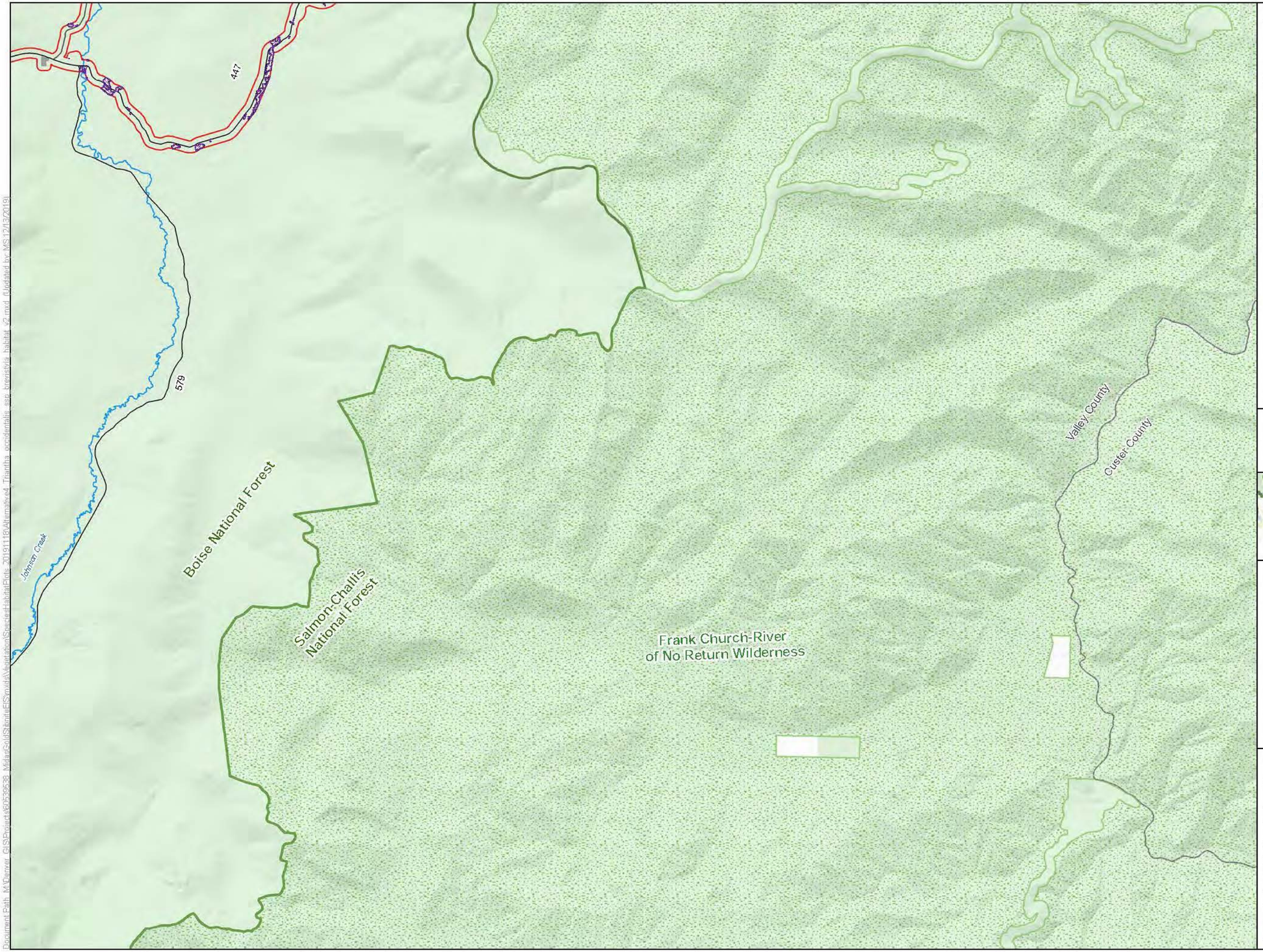
LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Indirect Impacts to Sedum borschii and Sedum leibergii Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Highway
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Bureau of Land Management
Bureau of Reclamation
Private
State
State Fish and Game
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
N
Project Area
Lake Cascade
55
Boise National Forest
WARM LAKE RD
Cascade
Horsethief Reservoir
Sedum borschii and Sedum leibergii Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



Yellow Pine
STIBNITE RD
Frank Church-River of No Return Wilderness
East Fork South Fork Salmon River
Johnson Creek
JOHNSON CREEK RD
Riordan Lake
Boise National Forest
Payette National Forest
Salmon-Challis National Forest
50375
51290
LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Triantha occidentalis ssp. brevistyla Habitat
Clearing of Tall Trees in Triantha occidentalis ssp. brevistyla Habitat for Transmission Line Operation
Indirect Impacts to Triantha occidentalis ssp. brevistyla Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Private
U.S. Forest Service
*Project Components are associated with Alternative 4
0 0.65 1.3 Miles
1 inch = 1.09 miles when printed at 11x17
Project Area
Triantha occidentalis ssp. brevistyla Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



JOHNSON CREEK RD
Johnson Creek
447
Boise National Forest
Salmon-Challis National Forest
Frank Church-River of No Return Wilderness
LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Triantha occidentalis ssp. brevistyla Habitat
Clearing of Tall Trees in Triantha occidentalis ssp. brevistyla Habitat for Transmission Line Operation
Indirect Impacts to Triantha occidentalis ssp. brevistyla Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
N
1
2
3
4
5
6
Project Area
Triantha occidentalis
ssp. brevistyla
Habitat Alternative 4
Stibnite Gold Project
Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date:
12/13/2019



LEGEND

- Habitat Modeling Extent/Area of Potential Indirect Impacts
- Indirect Impacts to Triantha occidentalis ssp. brevistyla Habitat

Project Components*

- Alternative 4 Project Feature

Other Features

- U.S. Forest Service
- Wilderness
- County
- Road
- Stream/River
- Lake/Reservoir

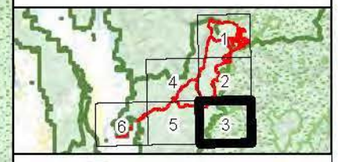
Surface Management Agency

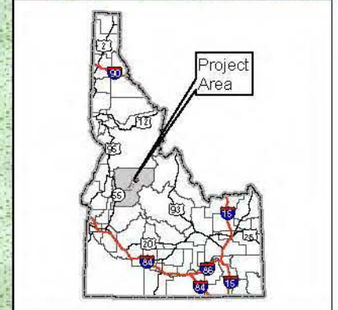
- Private
- U.S. Forest Service

*Project Components are associated with Alternative 4

0 0.65 1.3 Miles

1 inch = 1.09 miles when printed at 11x17





Triantha occidentalis ssp. brevistyla Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

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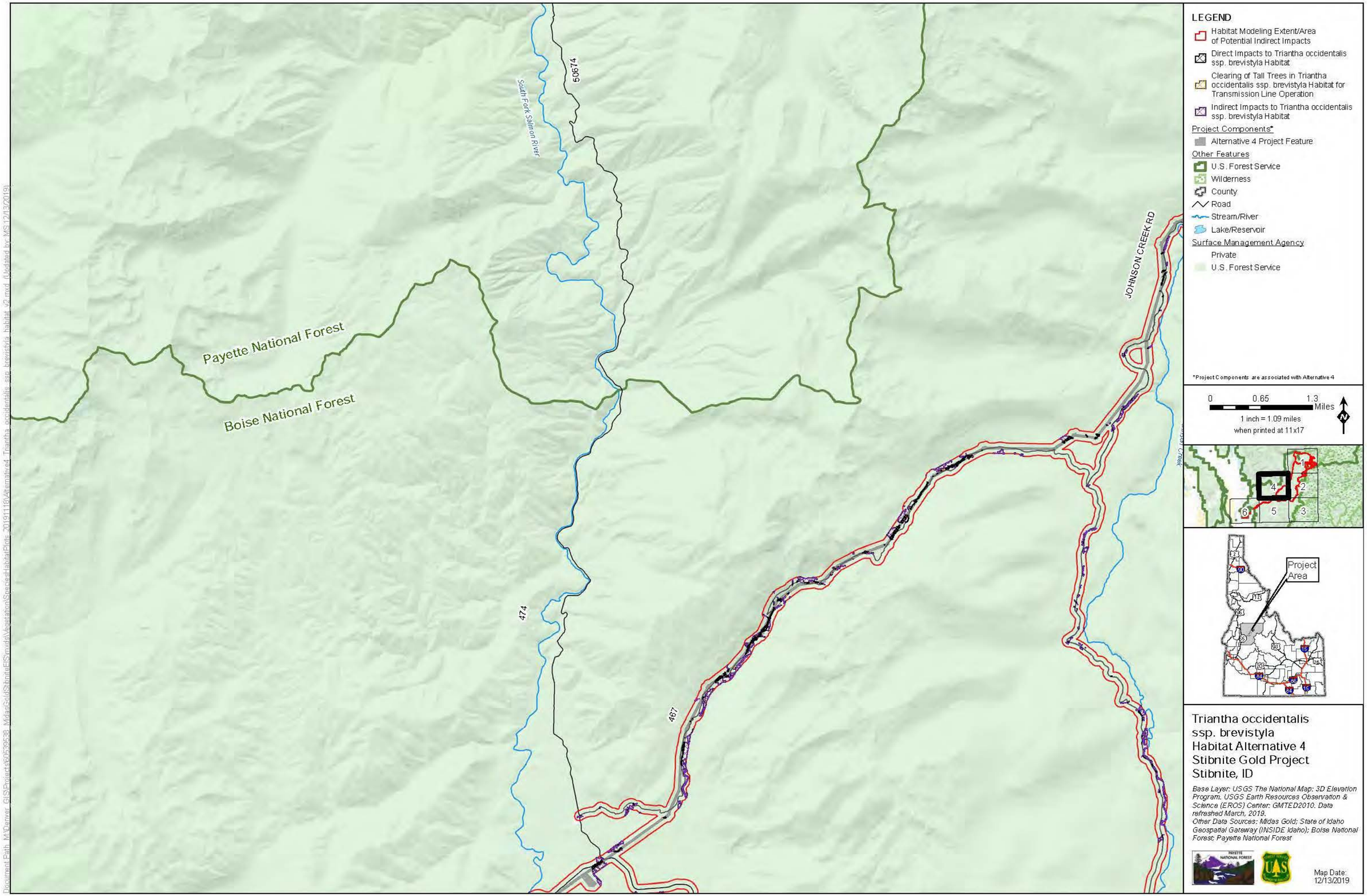
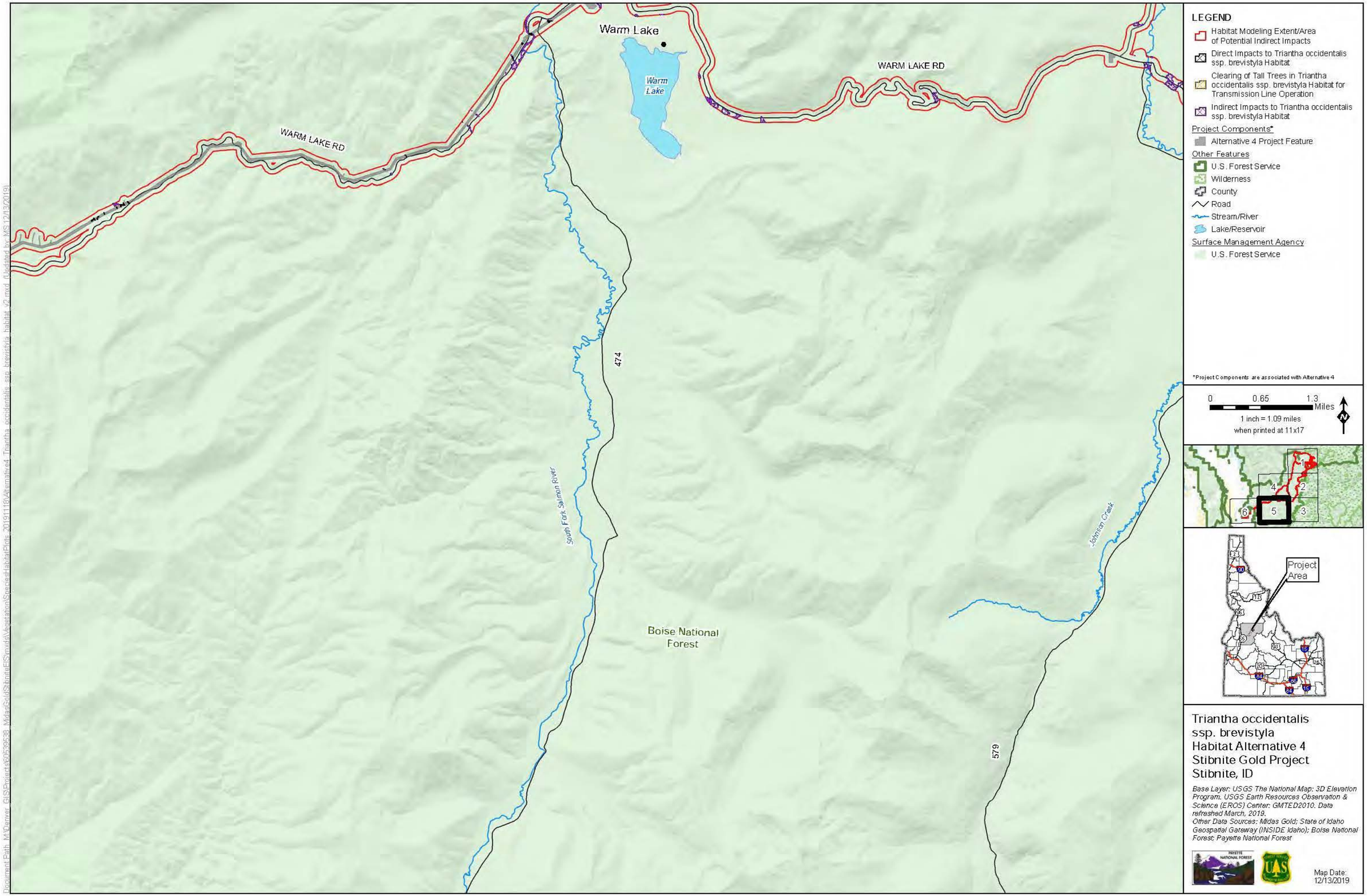


LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Triantha occidentalis ssp. brevistyla Habitat
Clearing of Tall Trees in Triantha occidentalis ssp. brevistyla Habitat for Transmission Line Operation
Indirect Impacts to Triantha occidentalis ssp. brevistyla Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Private
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
N
Payette National Forest
Boise National Forest
South Fork Salmon River
50674
474
467
JOHNSON CREEK RD
Project Area
Triantha occidentalis ssp. brevistyla Habitat Alternative 4 Stibnite Gold Project Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019



Triantha occidentalis ssp. brevistyla Habitat Alternative 4 Stibnite Gold Project Stibnite, ID

Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest

Map Date: 12/13/2019

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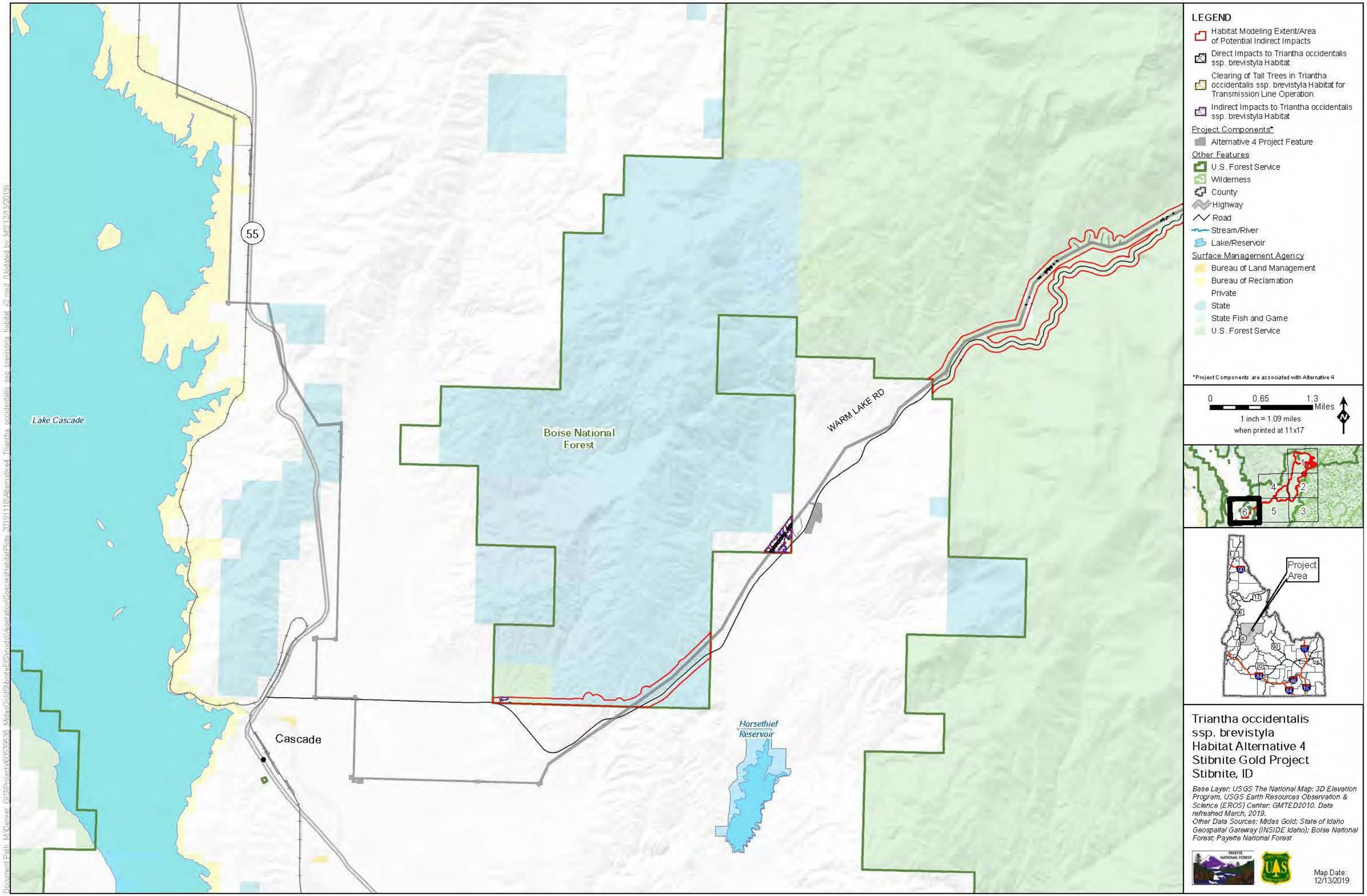

LEGEND
Habitat Modeling Extent/Area of Potential Indirect Impacts
Direct Impacts to Triantha occidentalis ssp. brevistyla Habitat
Clearing of Tall Trees in Triantha occidentalis ssp. brevistyla Habitat for Transmission Line Operation
Indirect Impacts to Triantha occidentalis ssp. brevistyla Habitat
Project Components*
Alternative 4 Project Feature
Other Features
U.S. Forest Service
Wilderness
County
Highway
Road
Stream/River
Lake/Reservoir
Surface Management Agency
Bureau of Land Management
Bureau of Reclamation
Private
State
State Fish and Game
U.S. Forest Service
*Project Components are associated with Alternative 4
0
0.65
1.3
Miles
1 inch = 1.09 miles
when printed at 11x17
N
1
2
3
4
5
6
Project Area
Lake Cascade
55
Boise National Forest
WARM LAKE RD
Cascade
Horsethief Reservoir
Triantha occidentalis ssp. brevistyla Habitat Alternative 4
Stibnite Gold Project
Stibnite, ID
Base Layer: USGS The National Map: 3D Elevation Program. USGS Earth Resources Observation & Science (EROS) Center: GMTED2010. Data refreshed March, 2019.
Other Data Sources: Midas Gold; State of Idaho Geospatial Gateway (INSIDE Idaho); Boise National Forest; Payette National Forest
Map Date: 12/13/2019