

Protected Habitats

Lakes, Streams, and Rivers (Wetlands)

- Nature's sponges, nurseries, and water filters.
- Defined as a marsh, swamp, or other area of land where the soil near the surface is saturated or covered with water, especially one that forms a habitat for wildlife.
- Wetlands are protected under the Clean Water Act.



Grasslands (Prairies)

- A mix of cold season grasses and flowering plants that create an open, low-grass landscape.
 - Created by retreating glaciers
 - Historically, maintained by Native Americans
 - Unique to the Pacific Northwest
 - Home to several Federally Listed Species
- Grasslands are protected under Army Regulations.



Oak Woodlands and Ponderosa Pine Savannas

- Oak Woodlands – *Quercus garryana*, the Garry oak, Oregon white oak or Oregon oak.
- Ponderosa Pine Savannas – *Pinus ponderosa*, ponderosa pine, bull pine, blackjack pine, or western yellow pine.
- The trees create a landscape mosaic of grassland, savanna, woodland, and closed-canopy forest.
- Woodlands and Savannas are protected under Army Regulations.



Federally Listed Species

Bull Trout, Steelhead, Chinook Salmon

- **Bull Trout** (*Salvelinus confluentus*) are a cold-water fish of relatively pristine stream and lake habitats in western North America. Listed as Threatened.
- **Steelhead salmon** (*Oncorhynchus mykiss*) are commonly known as trout, but in fact they are a species of salmon native to the Pacific region. Listed as Threatened.
- **Chinook salmon** (*Oncorhynchus tshawytscha*) is an important keystone species of the Pacific Northwest. Listed as Threatened

Bald Eagle

- **Bald eagle** (*Haliaeetus leucocephalus*) is evenly dark brown with a white head and tail. The tail is moderately long and slightly wedge-shaped. Delisted due to recovery.
- Protected under the Migratory Bird Treaty Act.

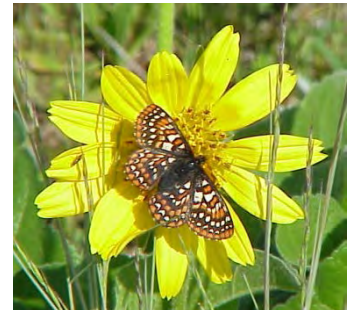


Water howellia

- **Water howellia** (*Howellia aquatilis*) is an annual aquatic plant that grows 4-24 inches high in marshes and wetlands. List as Threatened.

Taylor's checkerspot butterfly

- **Taylor's checkerspot** (*Euphydryas editha taylori*) is a grassland dependent invertebrate. Its entire life-cycle from egg to adult is on local grasslands. Listed as Endangered.



Streaked horned lark

- **Streaked Horned Lark** (*Eremophila alpestris strigata*) is small, ground-dwelling songbird with conspicuous feather tufts, or "horns," on its head. Listed as Threatened.

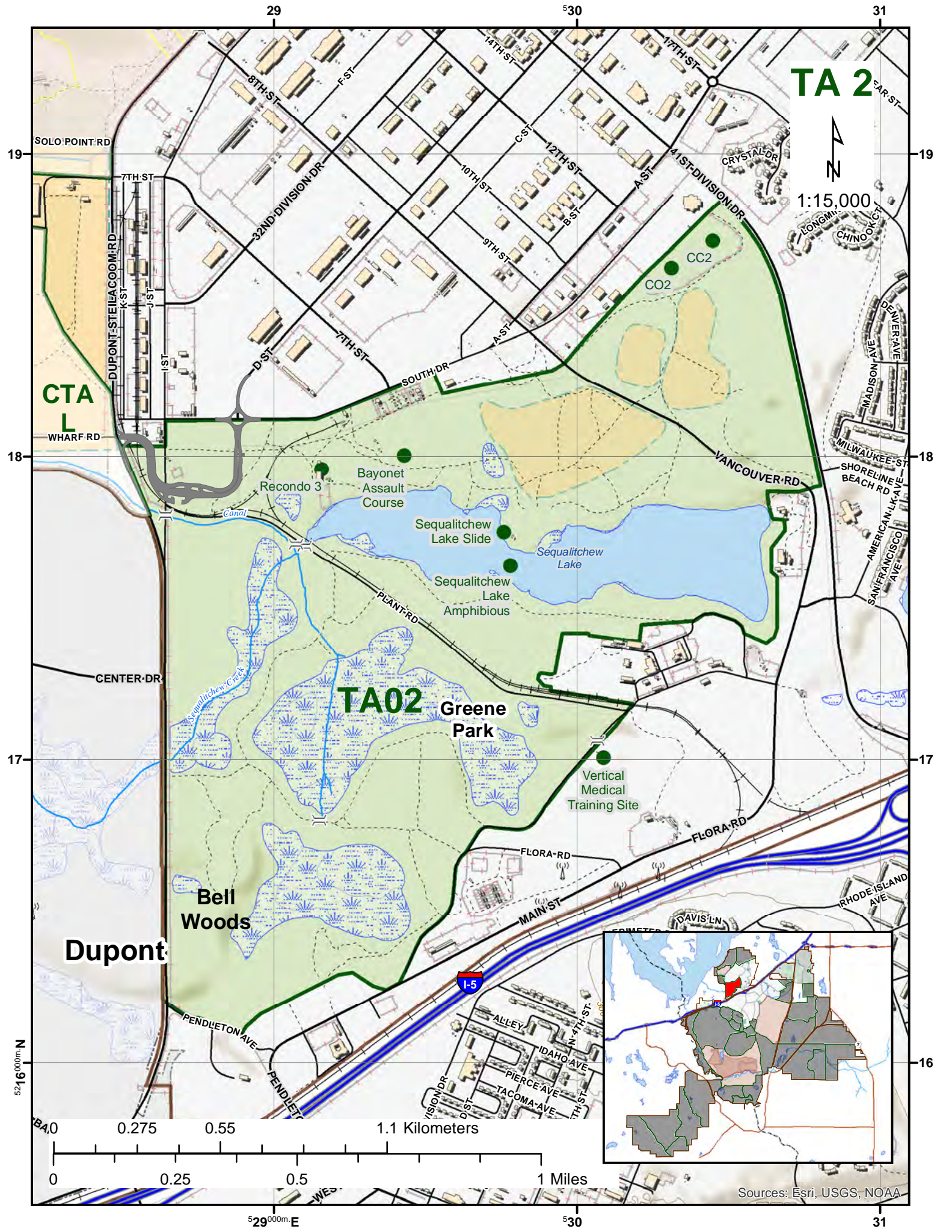


Mazama pocket gopher

- **Mazama pocket gopher** (*Thomomys mazama*) is a smooth-toothed pocket gopher restricted to the Pacific Northwest. Potential for listing as Threatened.

Joint Base Lewis-McChord Directorate of Public Work Environmental Division

- Responsible for conservation of all Federally Listed Species and rare species.
- Responsible for management of the species habitats.
- Army Regulation 200-1, JBLM Regulation 200-1, and JBLM Regulation 420-5



TA 2

1:15,000

CTA
L

TA02

Greene
Park

Bell
Woods

Dupont

Sources: Esri, USGS, NOAA

Training Area 2

Description

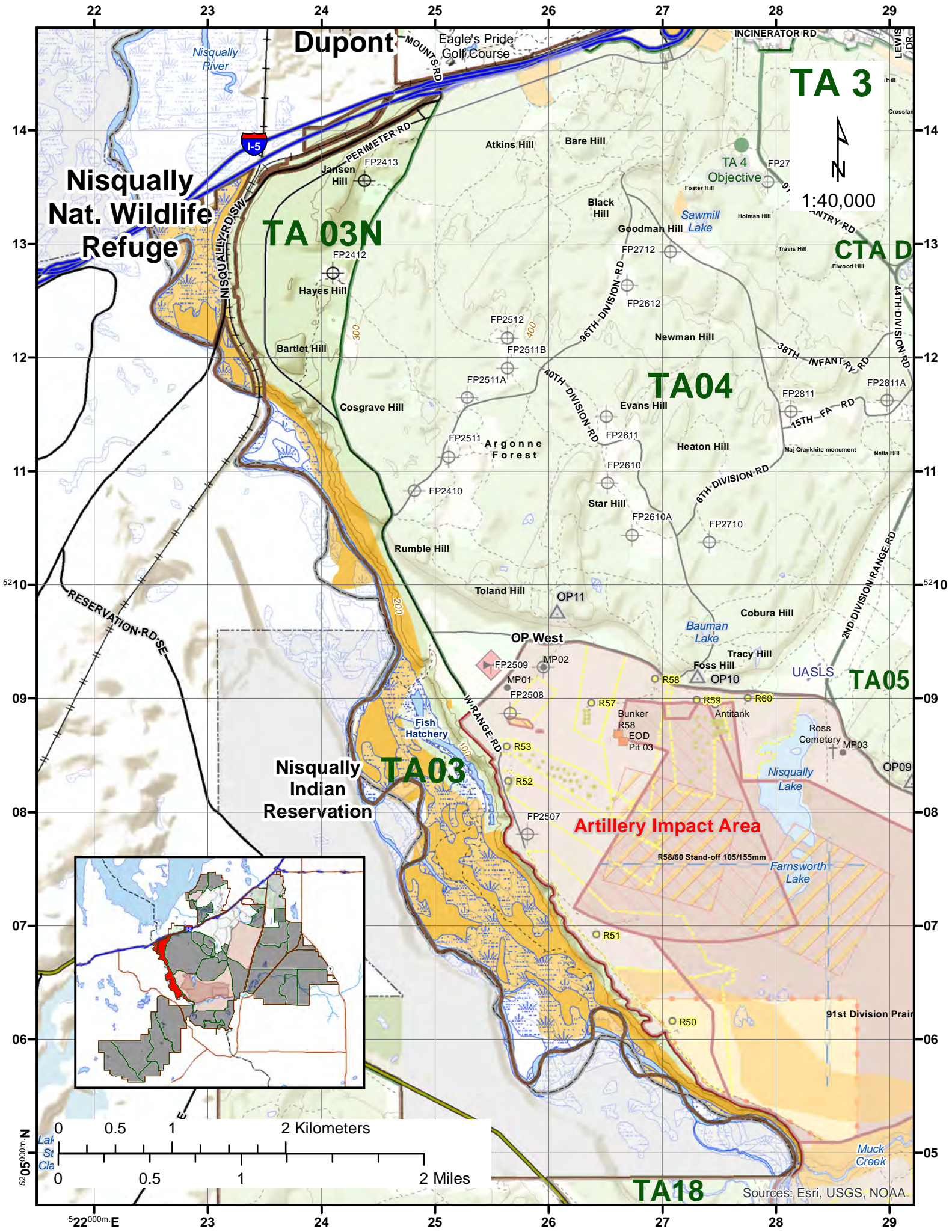
- **Area:** 817.89 acres
- **Terrain:** Level ground with extensive wetlands (swamps and bogs) and Sequalitchew Lake.
- **Vegetation:** Douglas fir, alder, madrone, dense undergrowth with some clearings. Mostly forest and coastal forest. **Poison oak/ivy occurs in this area.**

Uses

- **Hunting Methods Authorized:** Archery, Bird Shot, Waterfowl, Non Hunter
- **Nature Trail:** McKay Marsh Nature Trail

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.
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Training Area 3N

Description

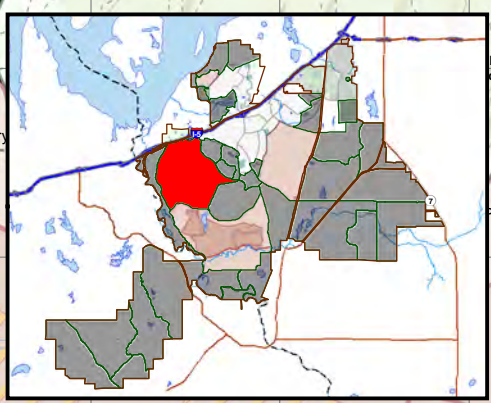
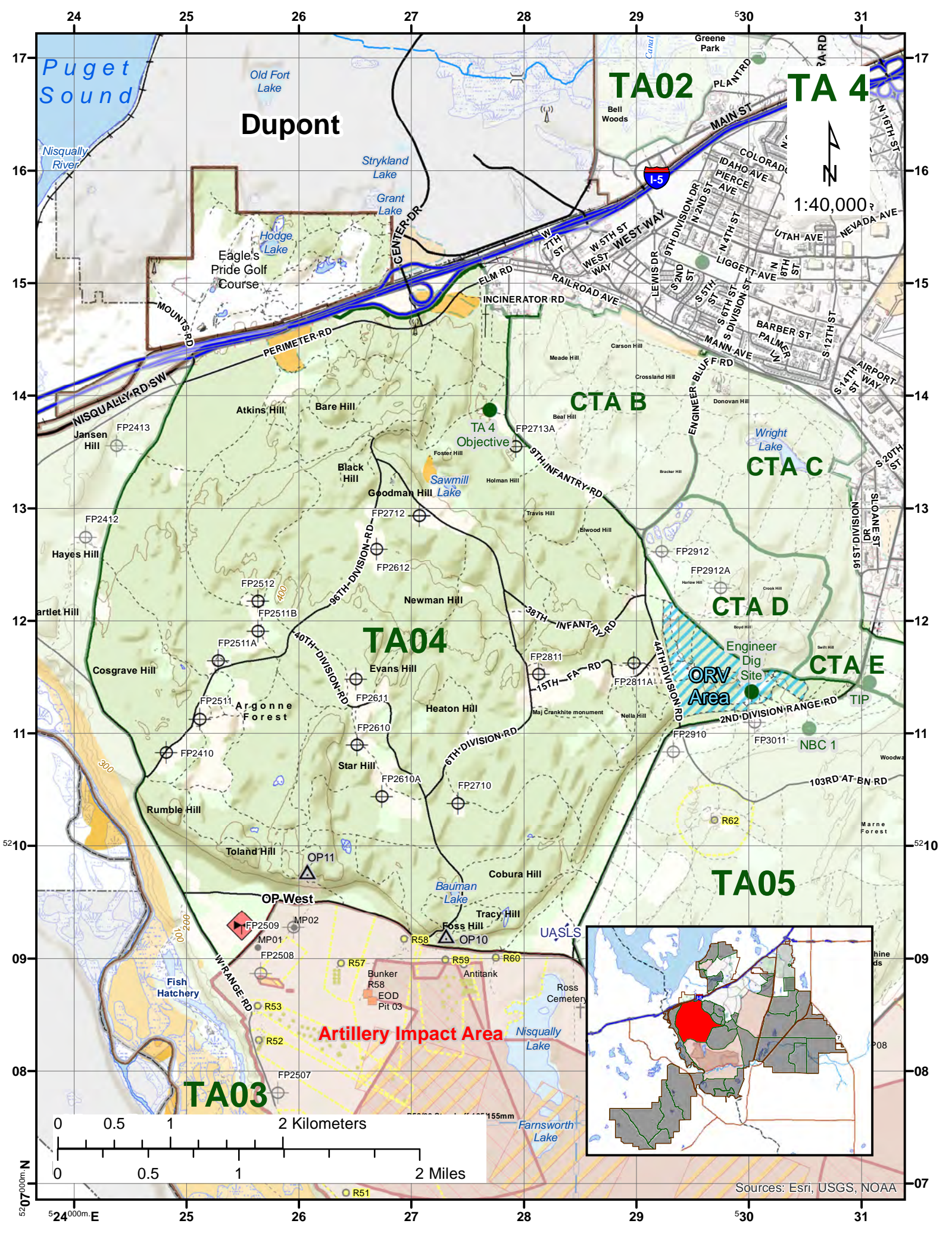
- **Area:** 1994.89 acres
- **Terrain:** Generally level terrain with small hills and hollows. Steep bluffs leading into the Nisqually River Basin. Nisqually River floodplain with extensive wetlands (swamps and bogs).
- **Vegetation:** Mostly forested with Douglas fir, alder, and cottonwood with dense undergrowth and some clearings. Wetlands and Nisqually River.

Uses

- **Bald Eagles:** Do not approach or interfere with eagles or their foraging and nesting activities.
- **Fish Hatchery:** Training area 03 South and Trotter Woods (Portion of Training Area 03 North) is off limits.
- **Hunting Methods:** Rifle, Black Powder, Archery, Bird Shot, Waterfowl, Non Hunter

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.
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Sources: Esri, USGS, NOAA

Training Area 4

Description

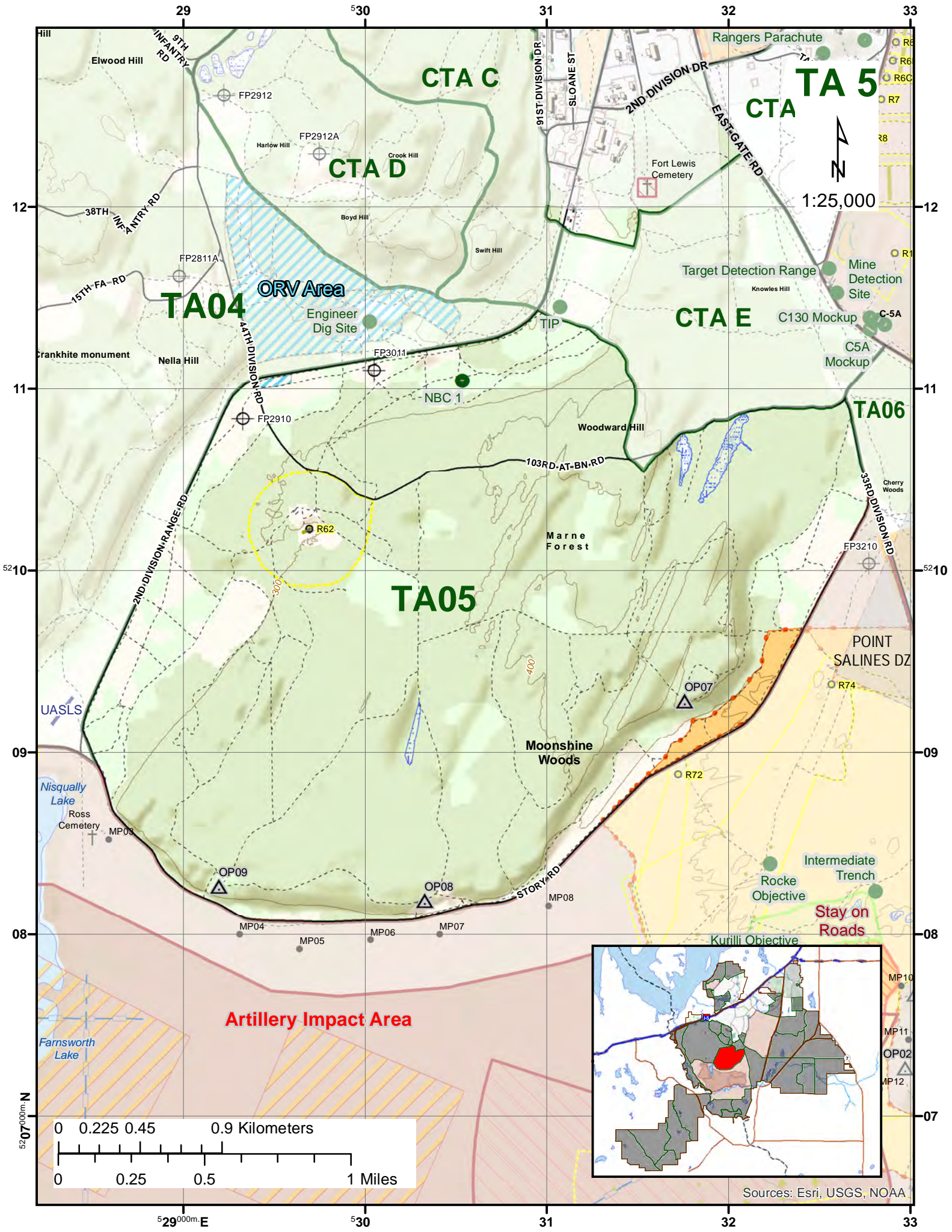
- **Area:** 5858.6 acres
- **Terrain:** Many hills, hollows, and wetlands (swamps). Some ponds. Limited cross-country mobility and few landmarks. Bluff along the south side.
- **Vegetation:** Mostly forested with Douglas fir, alder, madrone, and cottonwood with dense undergrowth and some clearings. Some Oregon white oak. Wetlands. Timber harvest and clear-cuts.

Uses

- **Hunting Method:** Rifle, Black Powder, Archery, Bird Shot, Pheasant AM, Pheasant PM, Waterfowl, Non Hunter
- **Recreational Vehicles:** ORV Park. Parking for ORV area is in Training Area 5.

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.



Training Area 5

Description

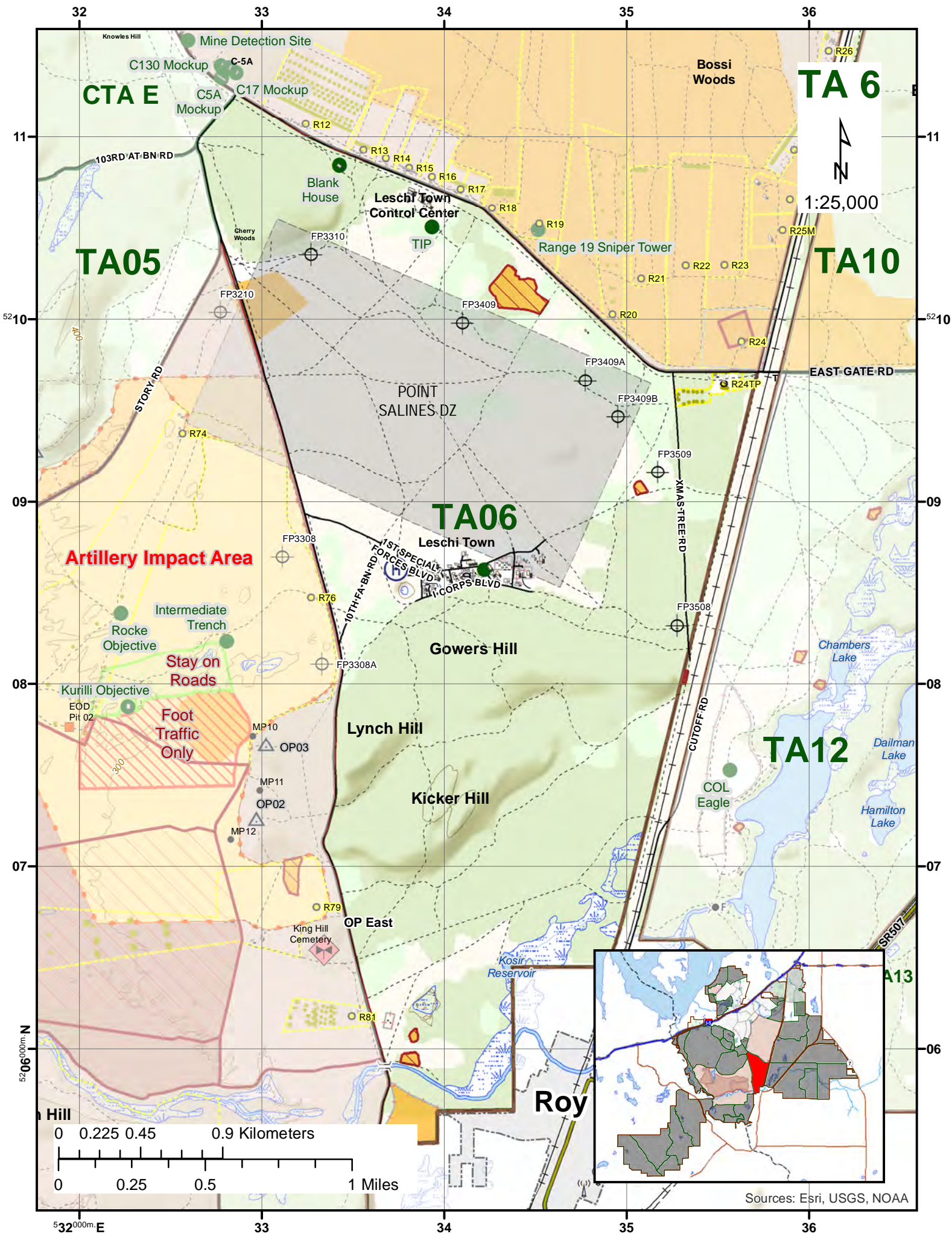
- **Area:** 2426.55 acres
- **Terrain:** Many hills, hollows, and swamps. Some ponds. Limited cross-country mobility and few landmarks. Bluff along the south side.
- **Vegetation:** Forested with Douglas fir, alder, and cottonwood with dense undergrowth and some clearings. Grasslands and Oregon-white oak. Wetlands. Timber harvest and clear-cuts.

Uses

- **Hunting Method:** Rifle, Black Powder, Archery, Bird Shot, Waterfowl, Non Hunter
- **Recreational Vehicles:** Parking for ORV Park.

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.
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Training Area 6

Description

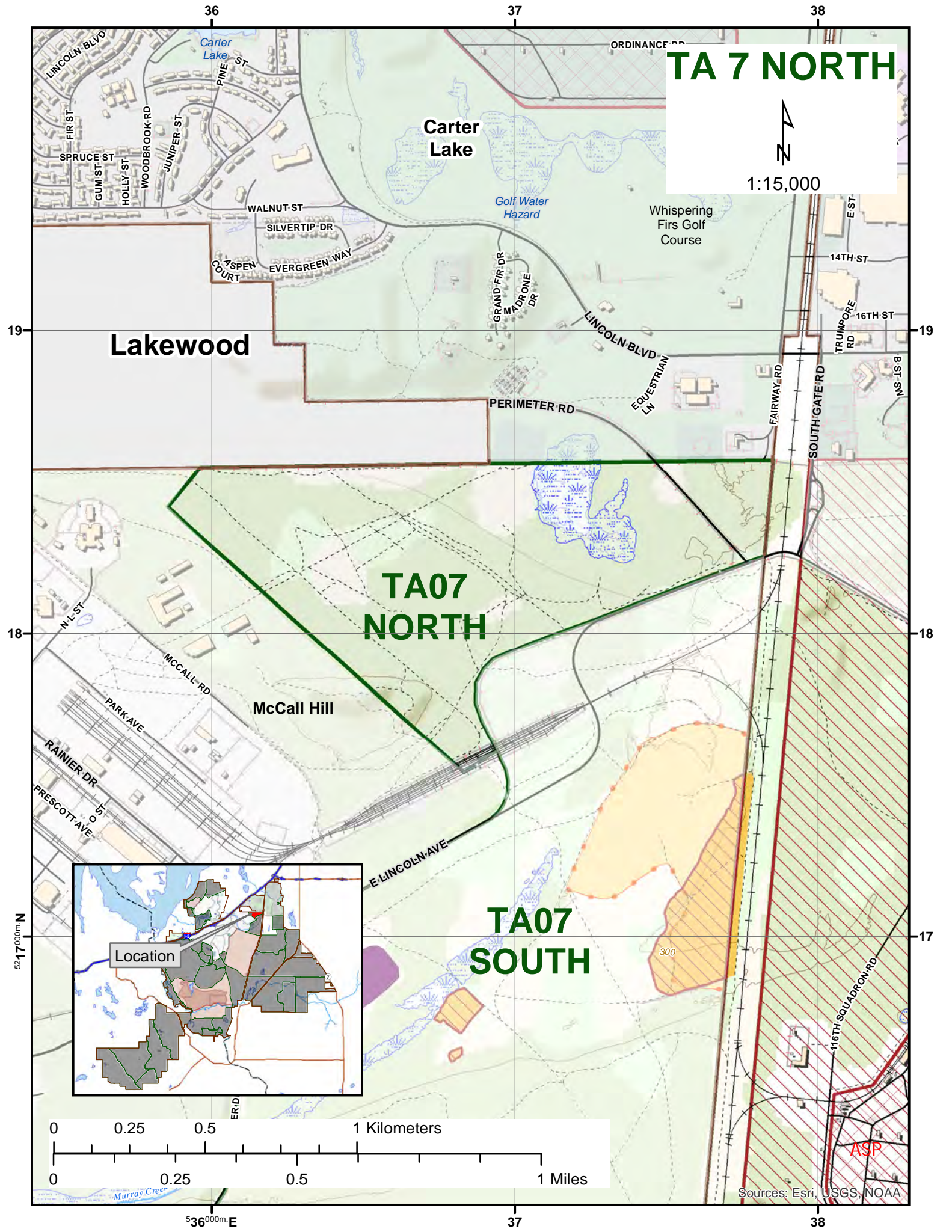
- **Area:** 2286.91 acres
- **Terrain:** Level grassland and open woodland with ground rising gently to Kicker Hill in south center. Cherry Hill in the north. Muck Creek and associated wetlands (bogs and swamps) in the south.
- **Vegetation:** Forested with Douglas fir, alder, and cottonwood with dense undergrowth and some clearings. Grasslands, Oregon-white oak, and ponderosa pine. Wetlands and Muck Creek. Timber harvest and clear-cuts.

Uses

- **Hunting Method:** Rifle, Black Powder, Archery, Bird Shot, Waterfowl, Non Hunter
- **Sensitive Sites:** Seibert staked areas, Cultural Resource areas, and grassland habitat.
- **Bald Eagles:** Do not approach or interfere with eagles or their foraging and nesting activities.

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.



Training Area 7N

Description

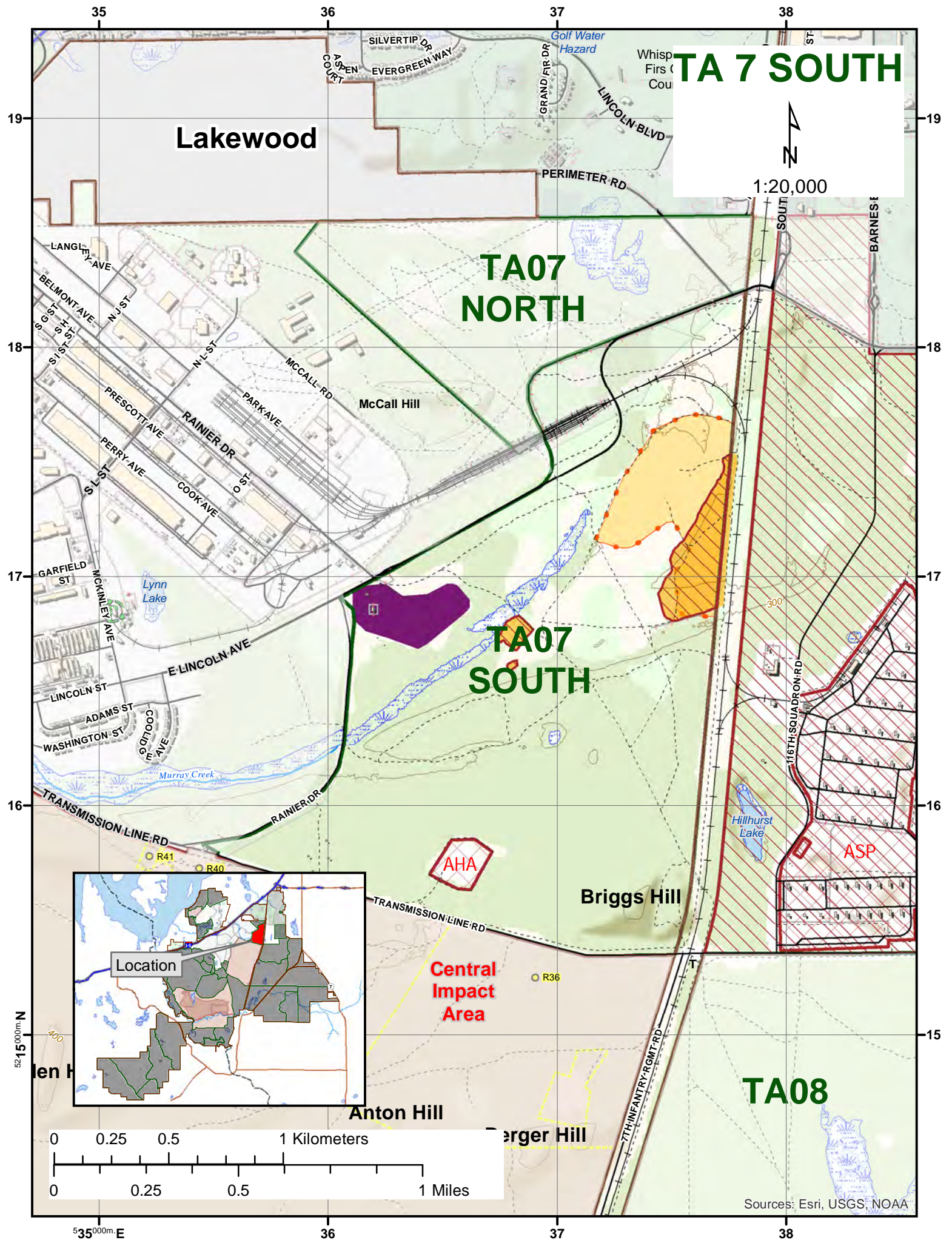
- **Area:** 327.10 acres
- **Training Hours:** Limited
- **Terrain:** Level grassland and open woodland.
- **Vegetation:** Grasslands and Oregon-white oak. Forested with Douglas fir, alder, and cottonwood. Some dense undergrowth with clearings. Wetlands.

Uses

- **Hunting Method:** Archery, Bird Shot, Waterfowl, Non Hunter
- **Sensitive Sites:** Grassland and oak woodland habitats. Cultural Resource areas.

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.



Training Area 7S

Description

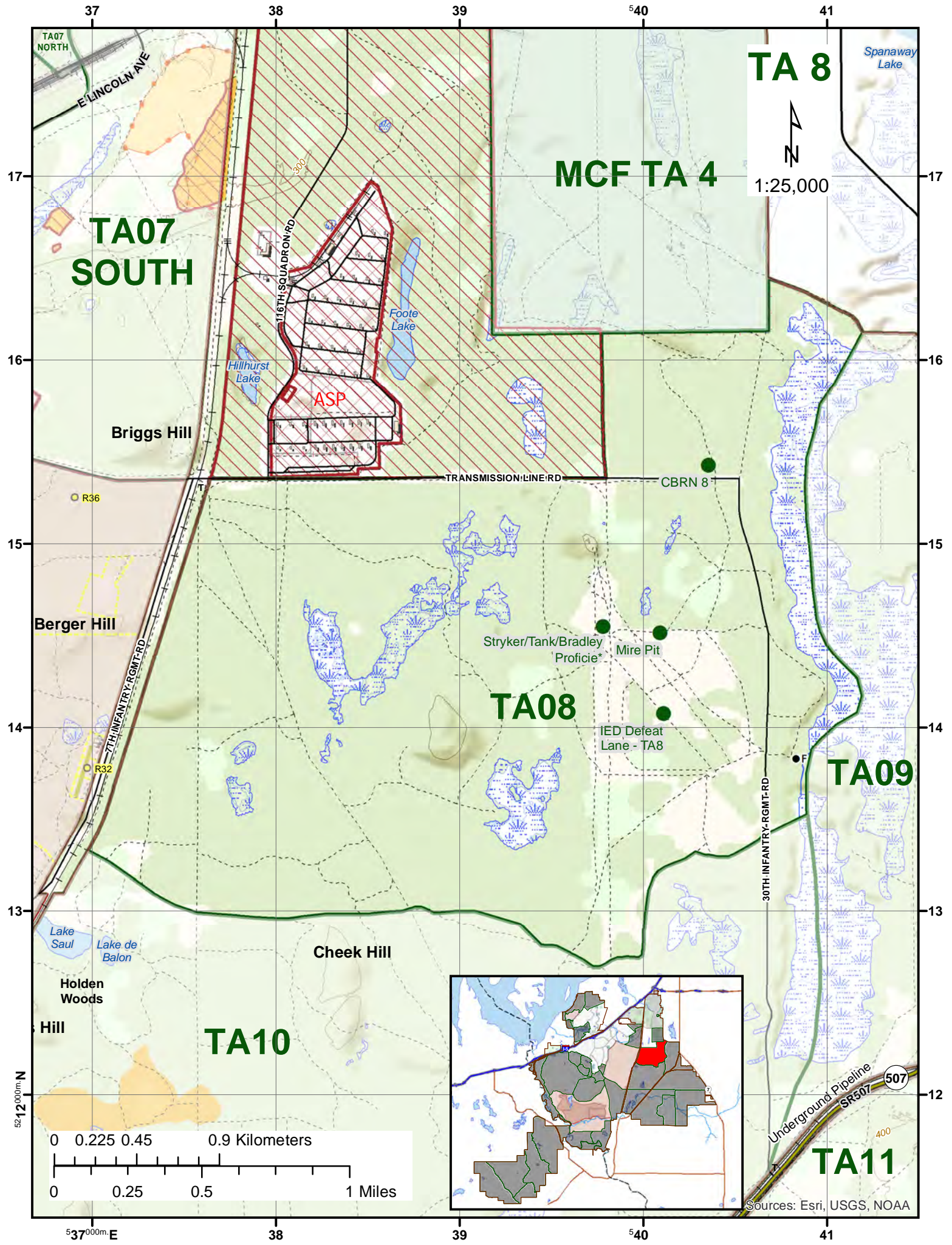
- **Area:** 891.74 acres
- **Terrain:** Level grassland and open woodland with some small hollows and hills. Murray Creek and associated wetlands (bogs and swamps) in the northwest.
- **Vegetation:** Grasslands, Oregon-white oak, and ponderosa pine. Forested with Douglas fir, alder, and cottonwood. Some dense undergrowth with clearings. Wetlands and Murray Creek.

Uses

- **Hunting Method:** Archery, Bird Shot, Waterfowl, Non Hunter
- **Sensitive Sites:** Seibert stakes are placed in the area for high quality prairie, cultural resource areas, and wetland protection. No ground disturbing activities are allowed.

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.



Training Area 8

Description

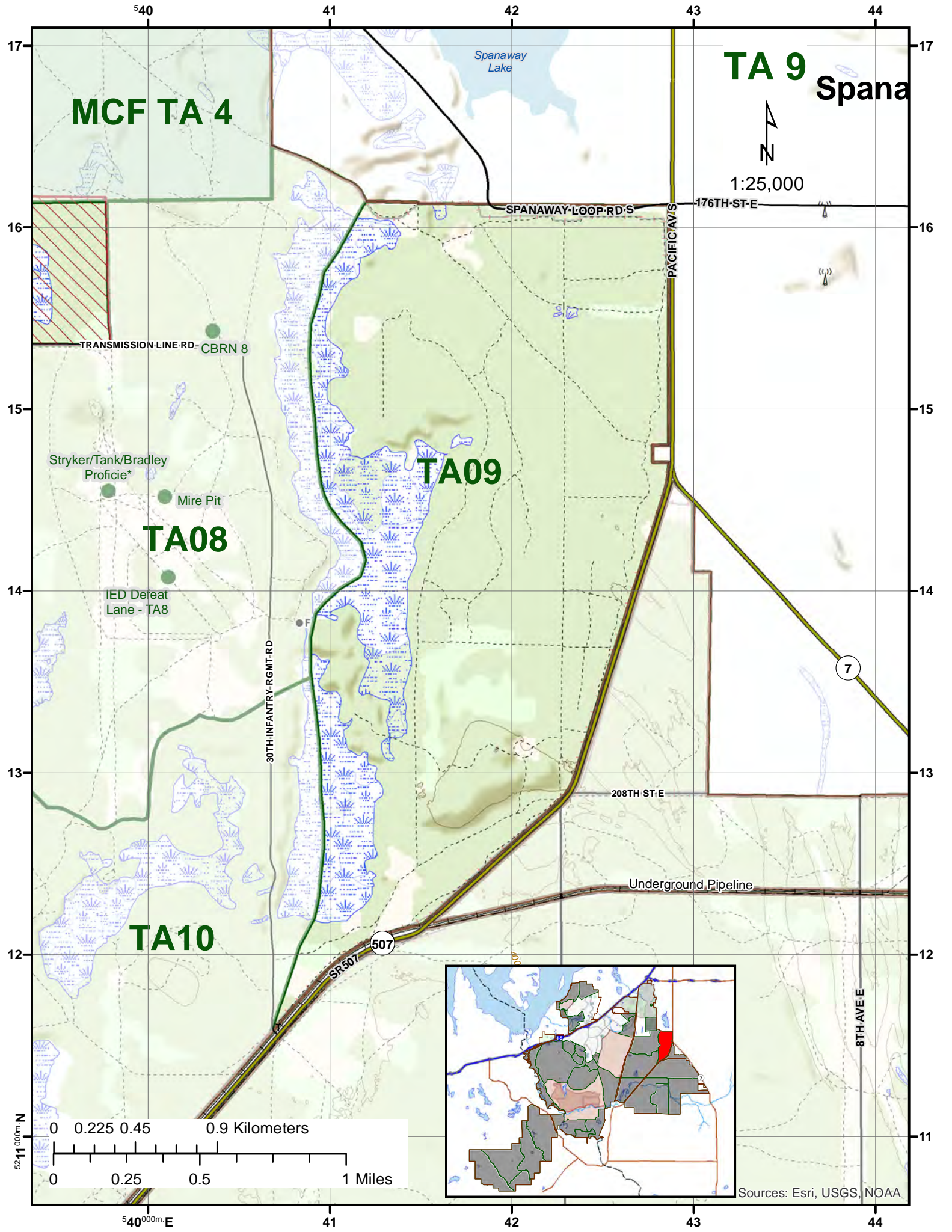
- **Area:** 2359.63 acres
- **Terrain:** Level ground with some small hollows and hills. Level grassland and open woodland. Some wetlands (swamps and bogs) throughout.
- **Vegetation:** Forested with Douglas fir, alder, and cottonwood with dense undergrowth and some clearings. Grasslands, Oregon-white oak, and ponderosa pine. Wetlands and Spanaway March. Timber harvest and clear-cuts.

Uses

- **Hunting Method:** Rifle, Black Powder, Archery, Bird Shot, Pheasant AM, Pheasant PM, Waterfowl, Non Hunter
- **Sensitive Sites:** Habitat for Western Gray Squirrel. Cultural Resource areas.
- **Bald Eagles:** Do not approach or interfere with eagles or their foraging and nesting activities.

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.



Training Area 9

Description

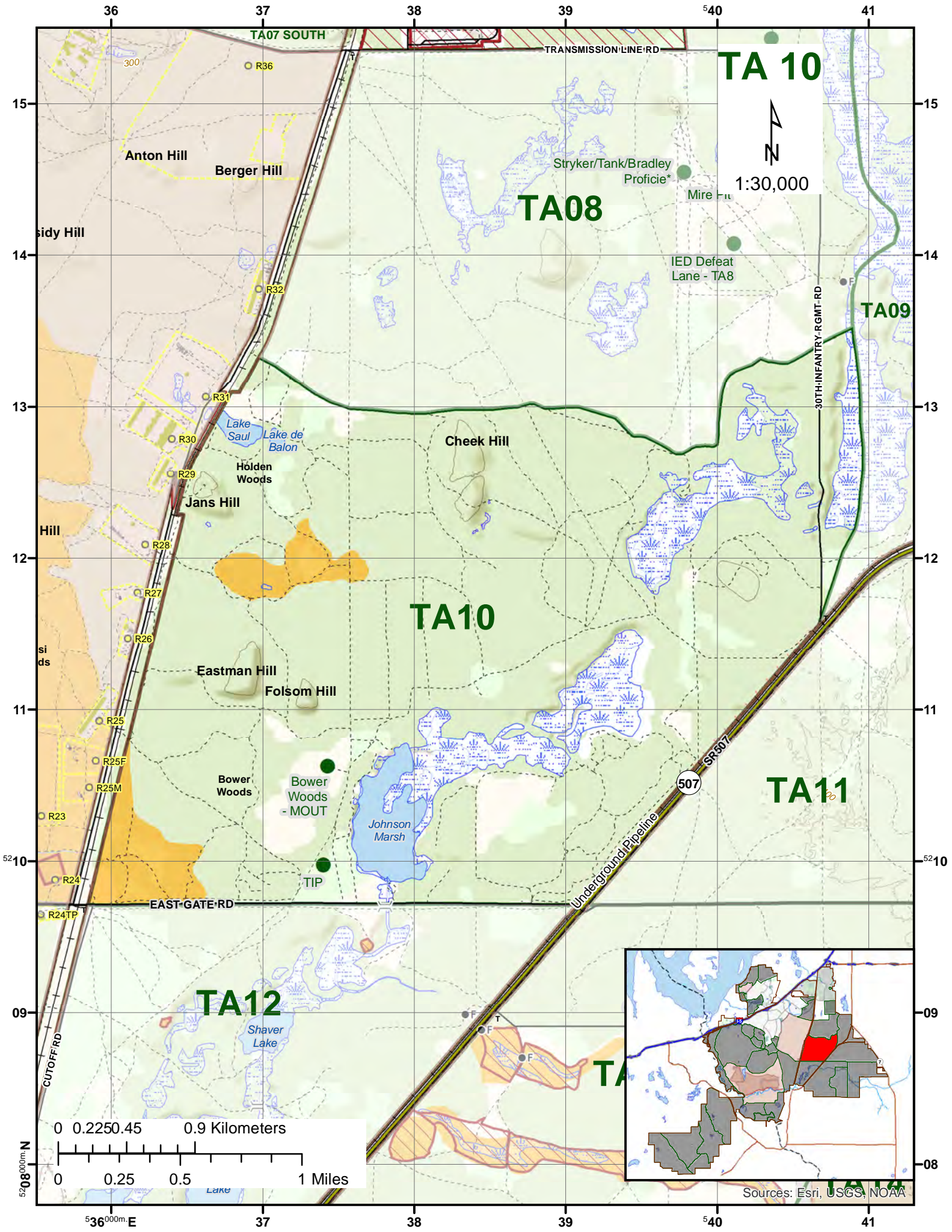
- **Area:** 1586.64 acres
- **Terrain:** Level ground with some small hollows and hills. Level grassland and open woodland. Extensive wetlands (swamps and bogs) run north to south on the west side.
- **Vegetation:** Forested with Douglas fir, alder, and cottonwood with dense undergrowth and some clearings. Grasslands and Oregon-white oak. Wetlands. Spanaway Marsh and Hardhack Marsh. Timber harvest and clear-cuts.

Uses

- **Hunting Method:** Rifle, Black Powder, Archery, Bird Shot, Waterfowl, Non Hunter
- **Bald Eagles:** Do not approach or interfere with eagles or their foraging and nesting activities.

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.



TA 10

TA08

TA09

TA10

TA11

TA12

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TA14

Sources: Esri, USGS, NOAA

Training Area 10

Description

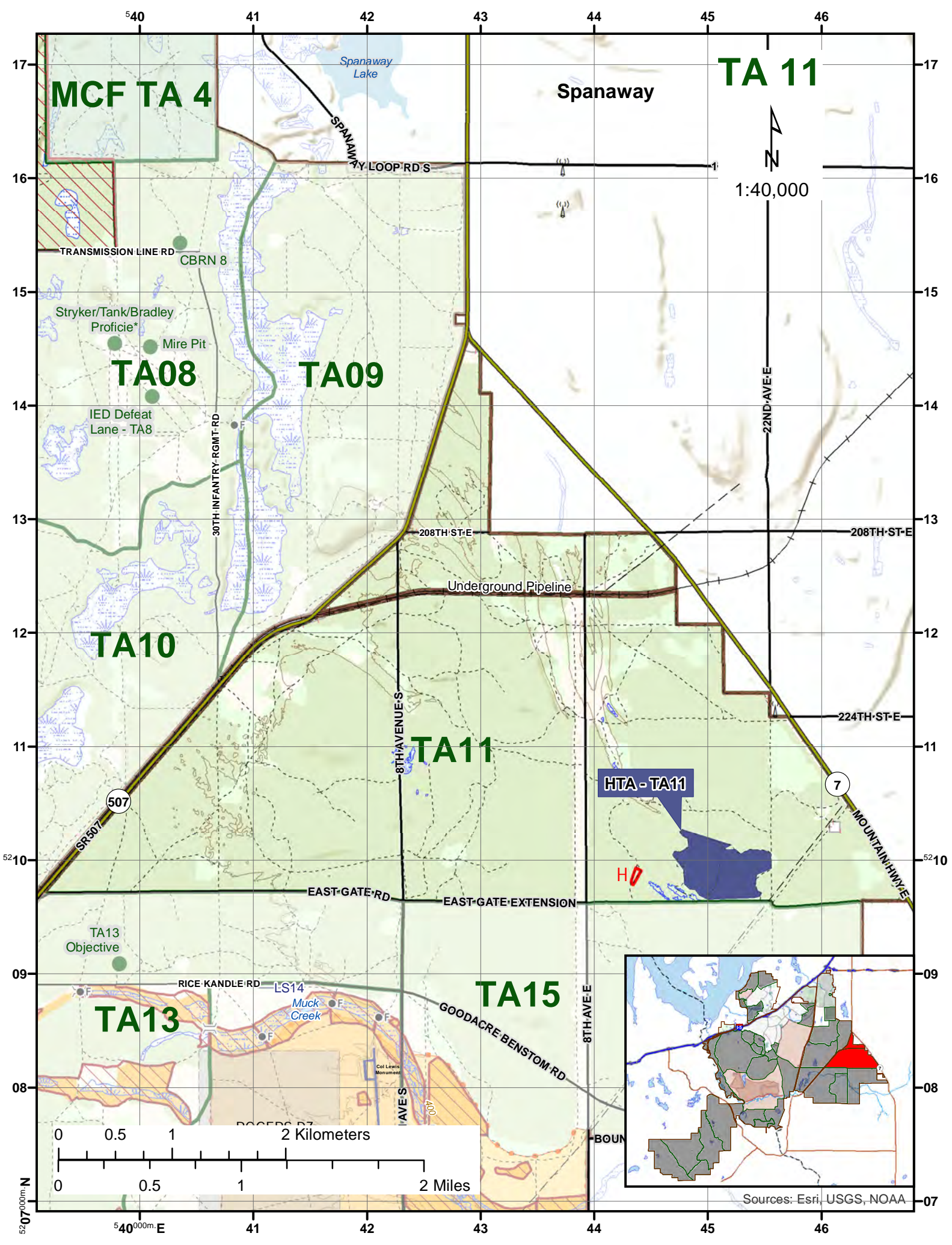
- **Area:** 3356.46 acres
- **Terrain:** Level ground with some small hollows and hills. Level open woodland. Johnson Marsh with extensive wetlands (swamps and bogs) run north to south on the east side.
- **Vegetation:** Forested with Douglas fir, alder, and cottonwood with undergrowth and some clearings. Grasslands, Oregon-white oak, and ponderosa pine. Wetlands, Lakes, and Marshes. Timber harvest and clear-cuts.

Uses

- **Hunting Method:** Rifle, Black Powder, Archery, Bird Shot, Pheasant AM, Pheasant PM, Waterfowl, Non Hunter
- **Sensitive Sites:** Habitat for Western Gray Squirrel. Cultural Resource sites.
- **Bald Eagles:** Do not approach or interfere with eagles or their foraging and nesting activities.

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.



Training Area 11

Description

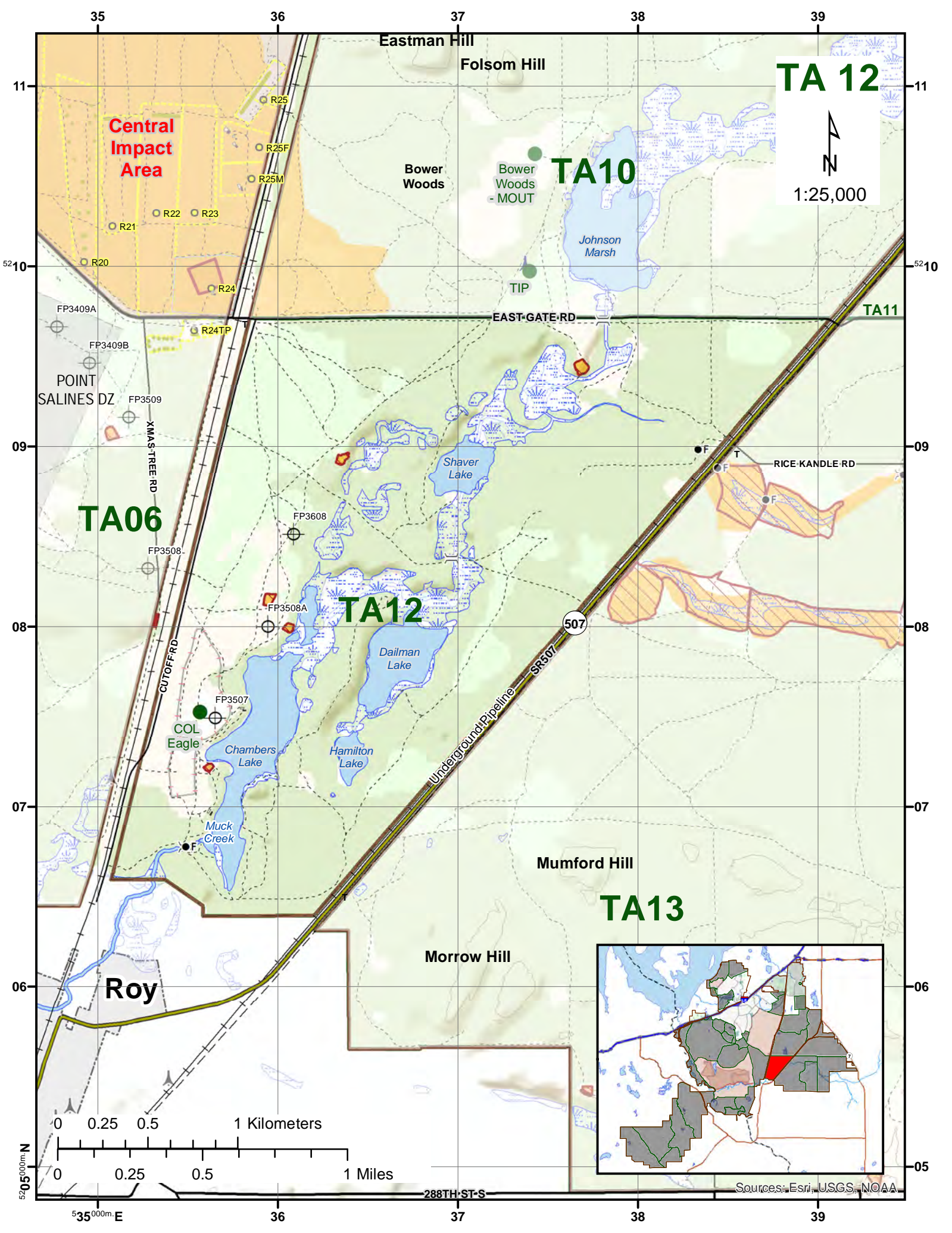
- **Area:** 4075.93 acres
- **Terrain:** Level ground with some small hollows and hills. Level grassland and open woodland. Some wetlands (swamps and bogs).
- **Vegetation:** Forested with Douglas fir, alder, and cottonwood with dense undergrowth and some clearings. Grasslands, Oregon-white oak, and ponderosa pine. Wetlands. Timber harvest and clear-cuts.

Uses

- **Hunting Method:** Rifle, Black Powder, Archery, Bird Shot, Waterfowl, Non Hunter

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.



Training Area 12

Description

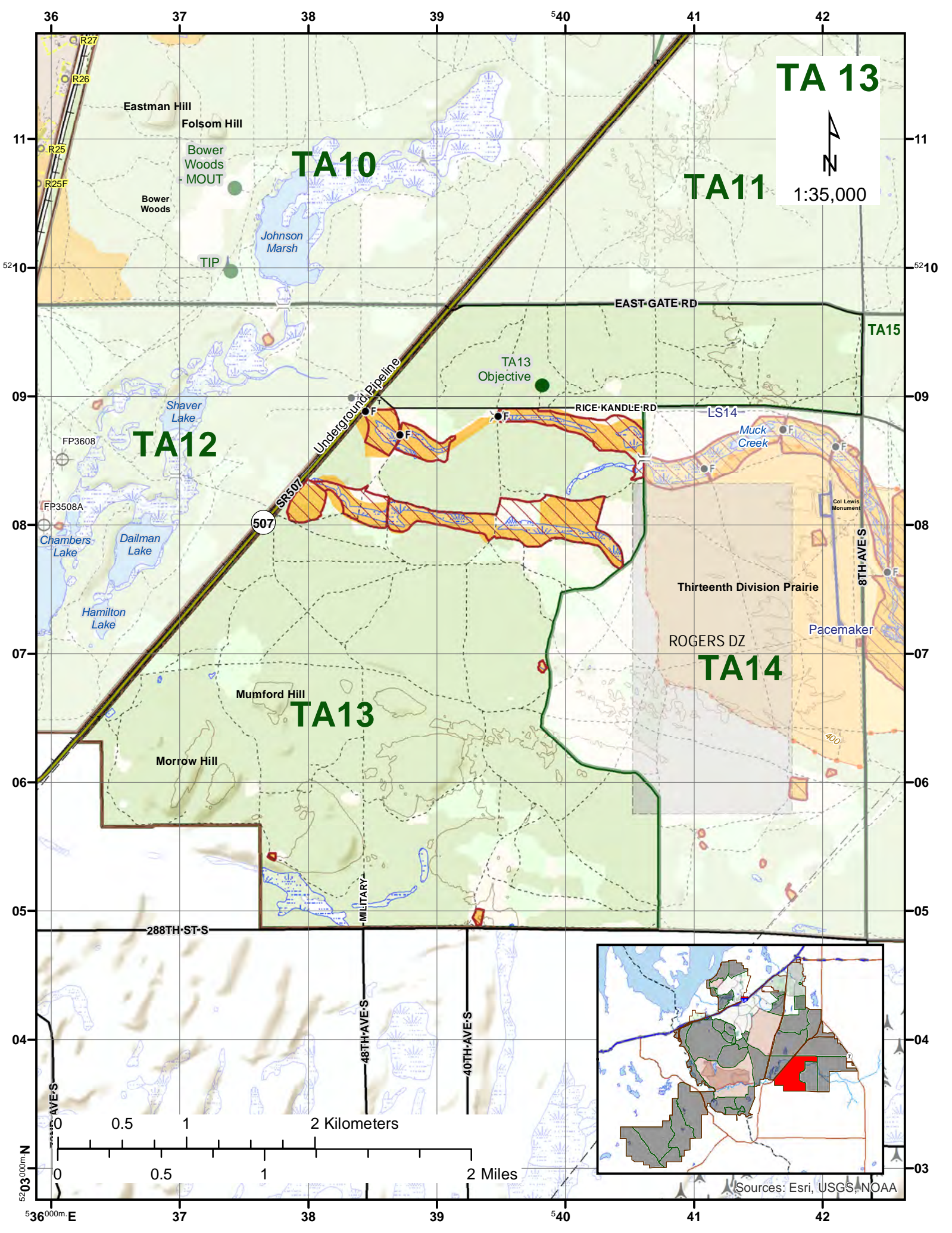
- **Area:** 1784.55 acres
- **Terrain:** Level grassland and open woodland. Chambers Lake and some small ponds with extensive wetlands (swamps and bogs) interconnected with Muck Creek.
- **Vegetation:** Forested with Douglas fir, alder, and cottonwood with dense undergrowth and some clearings. Grasslands, Oregon-white oak, and ponderosa pine. Wetlands, Chambers Lake, several other lakes, and Muck Creek. Timber harvest and clear-cuts.

Uses

- **Hunting Method:** Rifle, Black Powder, Archery, Bird Shot, Pheasant AM, Pheasant PM, Waterfowl, Non Hunter
- **DMWR Recreation Area:** Ball field and fishing areas along the south and west shores of Chambers Lake.
- **Sensitive Sites:** Cultural resources sites, Seibert stake areas, and Chambers Lake Water control.
- **Bald Eagles:** Do not approach or interfere with eagles or their foraging and nesting activities

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.



Training Area 13

Description

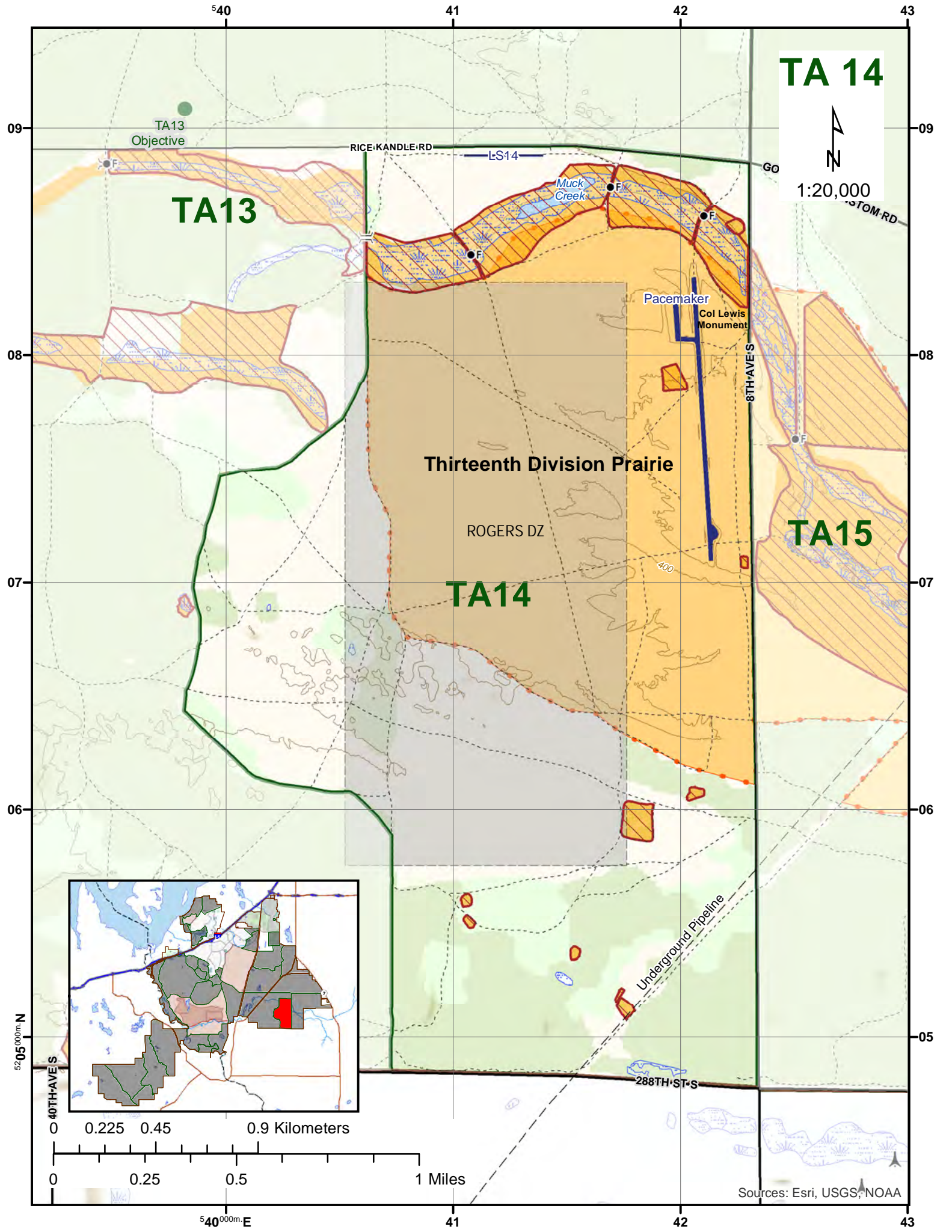
- **Area:** 3837.14 acres
- **Terrain:** Level ground with some small hollows and hills. Open woodland. Muck Creek and the overflow channel run east and west in the northern portion. Lacamas Creek in the southern corner near Anzio DZ. Some wetlands (swamps and bogs) associated with the creeks.
- **Vegetation:** Forested with Douglas fir, alder, and cottonwood with dense undergrowth and some clearings. Grasslands and Oregon-white oak. Wetlands. Lacamas Creek and Muck Creek. Timber harvest and clear-cuts.

Uses

- **Hunting Method:** Rifle, Black Powder, Archery, Bird Shot, Pheasant AM, Pheasant PM, Waterfowl, Non Hunter
- **Sensitive Sites:** Cultural resource sites, Seibert stake areas, and native plant plots.

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.



Training Area 14

Description

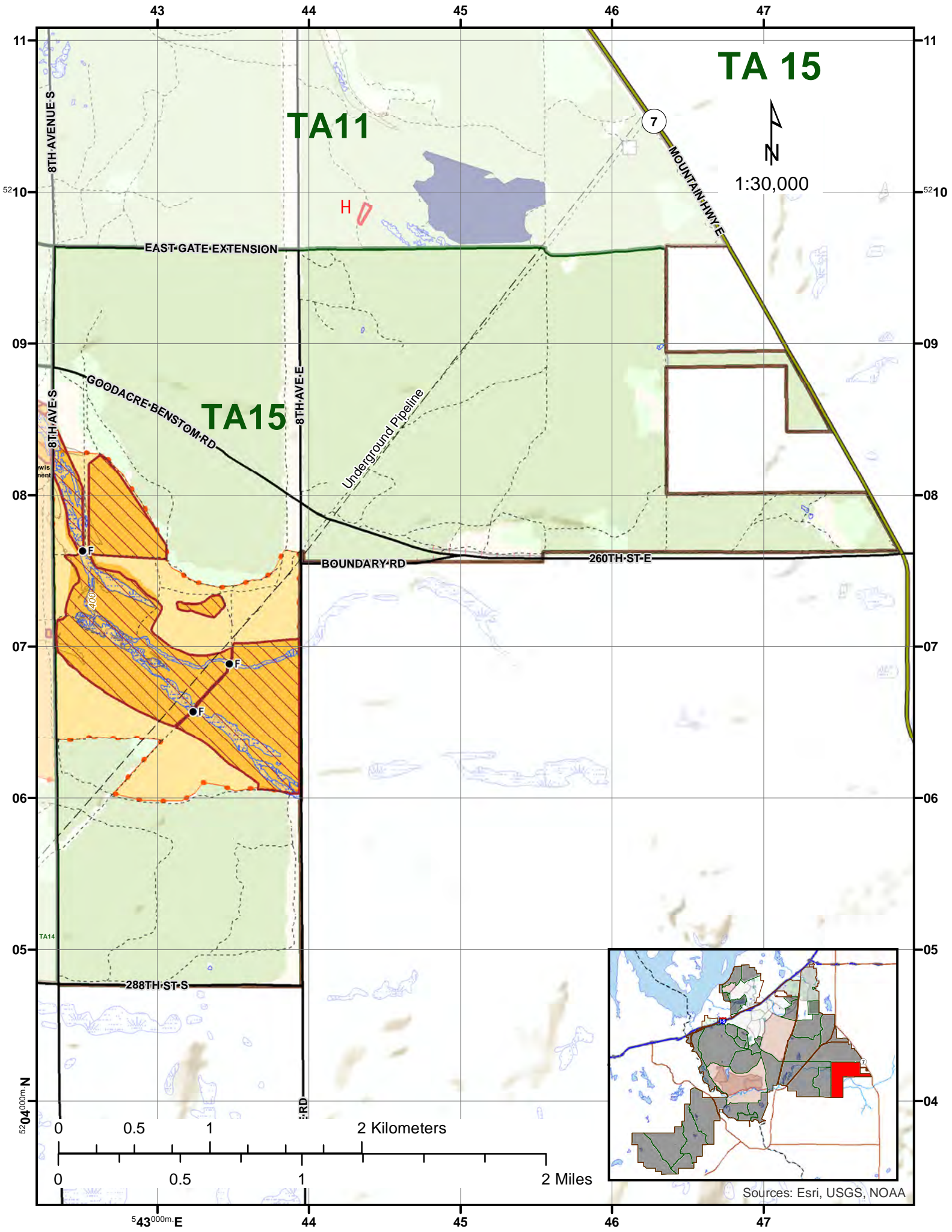
- **Area:** 1950.69 acres
- **Terrain:** Level grassland and open woodland with ground rising gently and undulating in the south. Muck Creek and associated wetland in the north. Small wetlands (bogs and swamps) on the edges of the grassland and throughout the forest.
- **Vegetation:** Forested with Douglas fir, alder, and cottonwood with undergrowth and some clearings. Grasslands and Oregon-white oak. Wetlands and Muck Creek. Minimal timber harvest.

Uses

- **Hunting Method:** Rifle, Black Powder, Archery, Bird Shot, Waterfowl, Non Hunter
- **Sensitive Sites:** Cultural resource sites, Seibert stake areas, grassland habitat.
- **Restriction:** No recreation uses from 15 April through 1 July.

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.



Training Area 15

Description

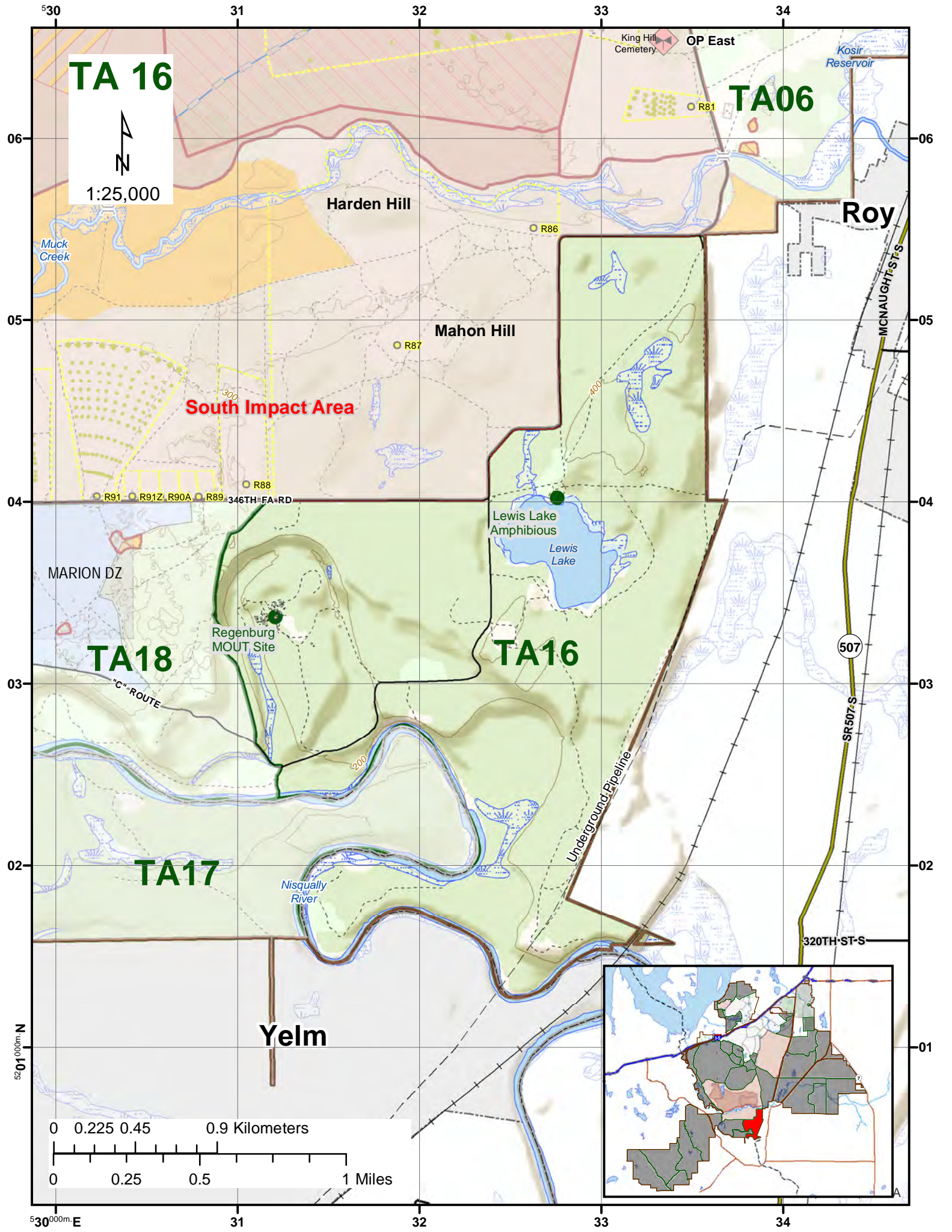
- **Area:** 3343.96 acres
- **Terrain:** Level grassland and open woodland with ground rising gently and undulating in the south. Muck Creek and associated wetland in the south/center. Small wetlands (bogs and swamps) on the edges of the grassland and throughout the forest.
- **Vegetation:** Forested with Douglas fir, alder, and cottonwood with undergrowth and some clearings. Grasslands and Oregon-white oak. Wetlands. Muck Creek and South Creek. Timber harvest and clear-cuts.

Uses

- **Hunting Method:** Rifle, Black Powder, Archery, Bird Shot, Pheasant AM, Pheasant PM, Waterfowl, Non Hunter
- **Sensitive Sites:** Cultural Resource sites, Seibert stake areas, and grassland habitat. Open grassland habitat has digging and maneuver restrictions. Contact Public Works Fish & Wildlife for more information.

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.



Training Area 16

Description

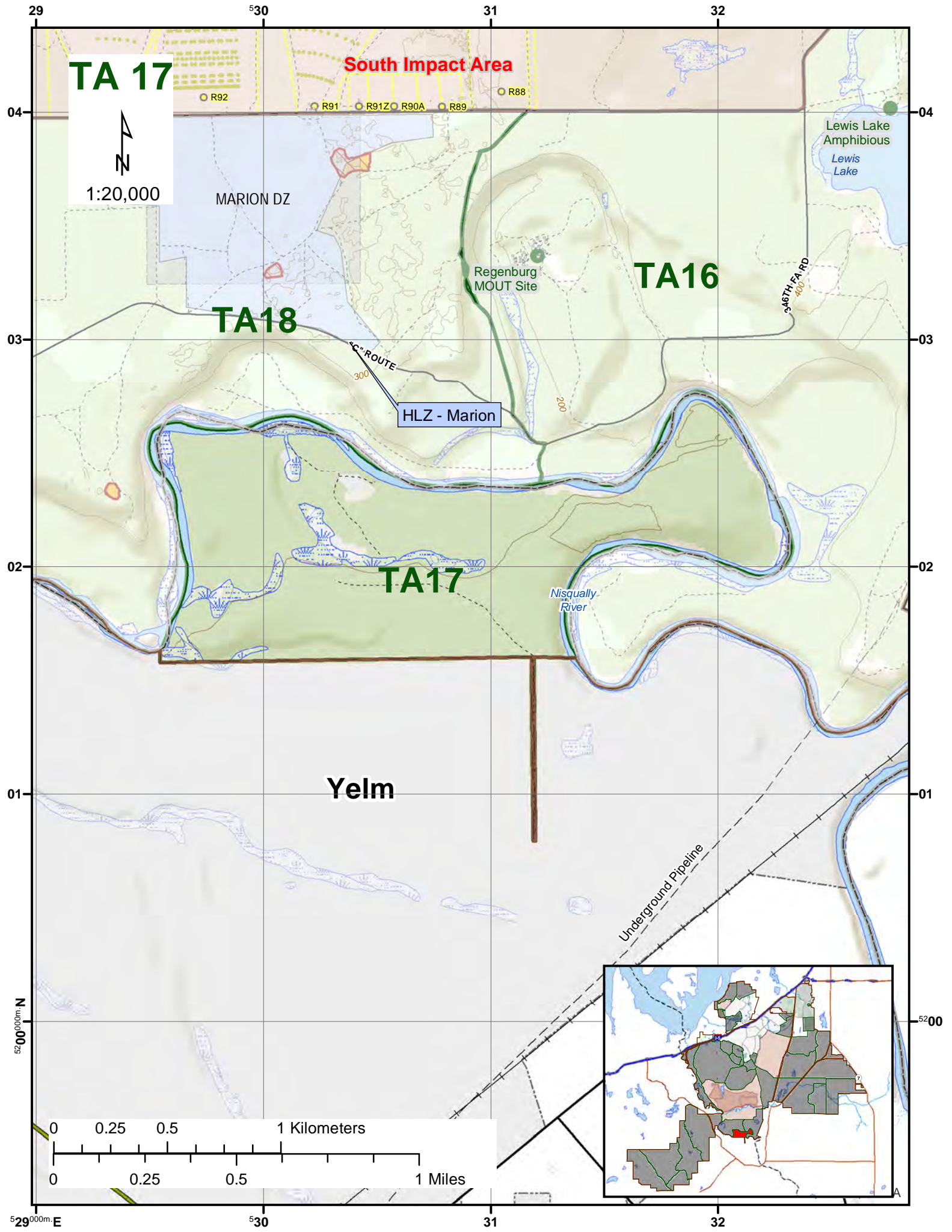
- **Area:** 1500.98 acres
- **Terrain:** Many hills, hollows, and wetlands (swamps). Lewis Lake and the Nisqually River with their associated wetland areas. Steep bluffs to the Nisqually River and some river shore. Limited cross-country mobility.
- **Vegetation:** Forested with Douglas fir, alder, cottonwood, and dense undergrowth with some clearings. Wetlands, Lewis Lake, and Nisqually River. Timber harvest and clear-cuts.

Uses

- **Hunting Method:** Rifle, Black Powder, Archery, Bird Shot, Waterfowl, Non Hunter

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.



Training Area 17

Description

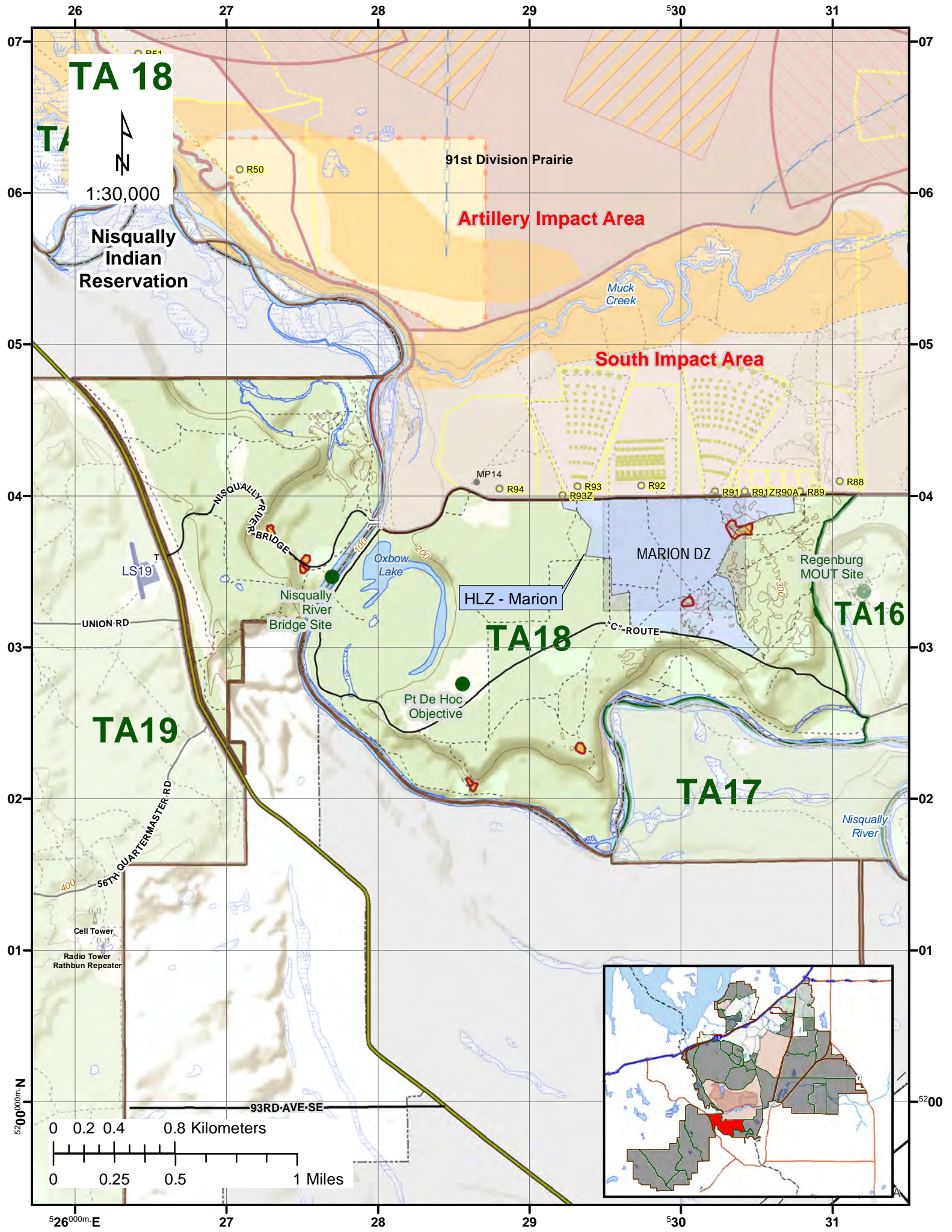
- **Area:** 508.01 acres
- **Terrain:** Level in the south. The Nisqually River with wetlands (swamps and bogs). Steep bluffs to the Nisqually River, river floodplain, and some river shore. Limited cross-country mobility.
- **Vegetation:** Forested with Douglas fir, alder, cottonwood, and dense undergrowth. Wetlands and Nisqually River.

Uses

- **Hunting Method:** Rifle, Black Powder, Archery, Bird Shot, Waterfowl, Non Hunter

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.



Training Area 18

Description

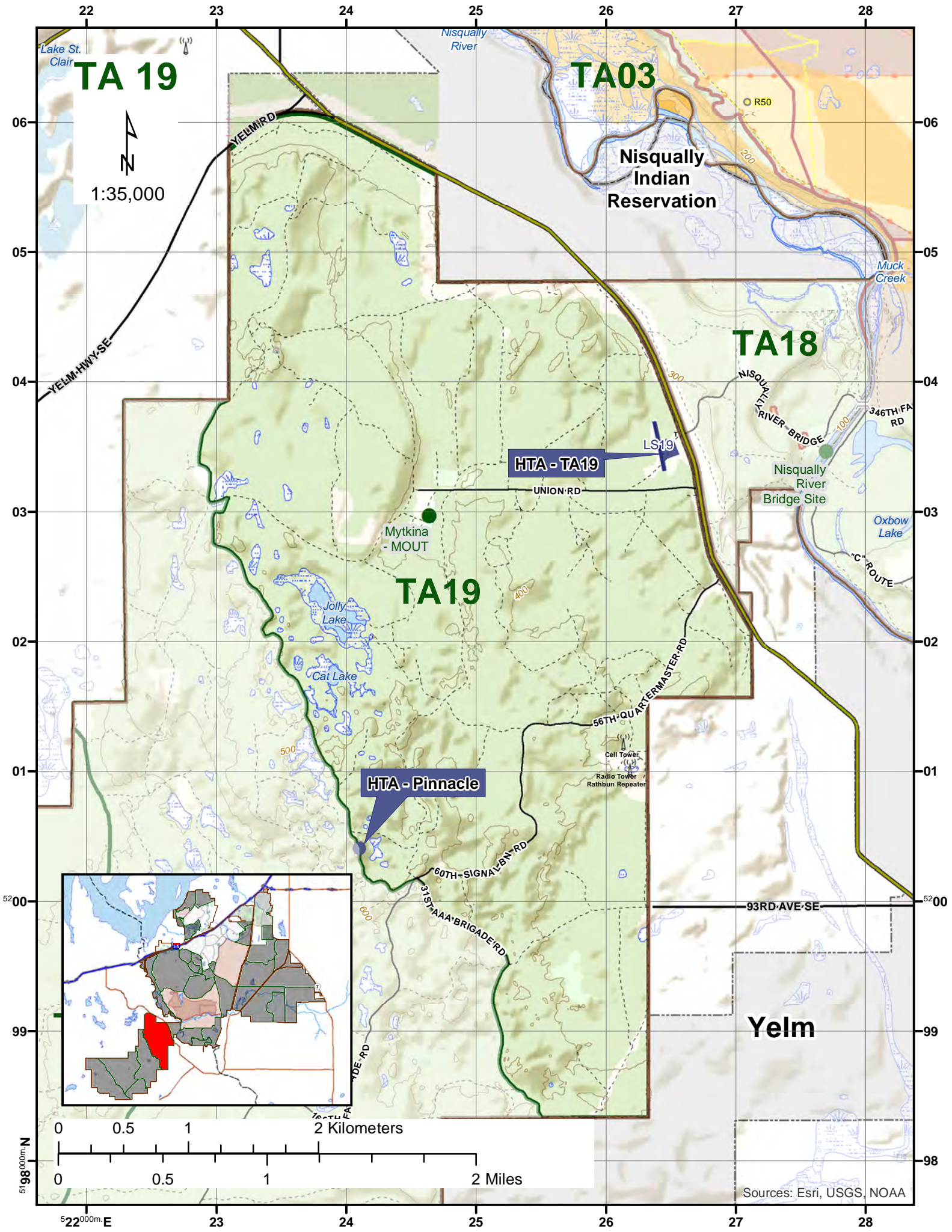
- **Area:** 1435.92 acres
- **Terrain:** Level with some hollows and swamps. Steep bluffs to the Nisqually River, river floodplain, and river shore.
- **Vegetation:** Forested with Douglas fir, alder, cottonwood, and dense undergrowth with some clearings. Grasslands and Oregon-white oak. Wetlands and Nisqually River. Timber harvest and clear-cuts.

Uses

- **Hunting Method:** Rifle, Black Powder, Archery, Bird Shot, Waterfowl, Non Hunter

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.



Training Area 19

Description

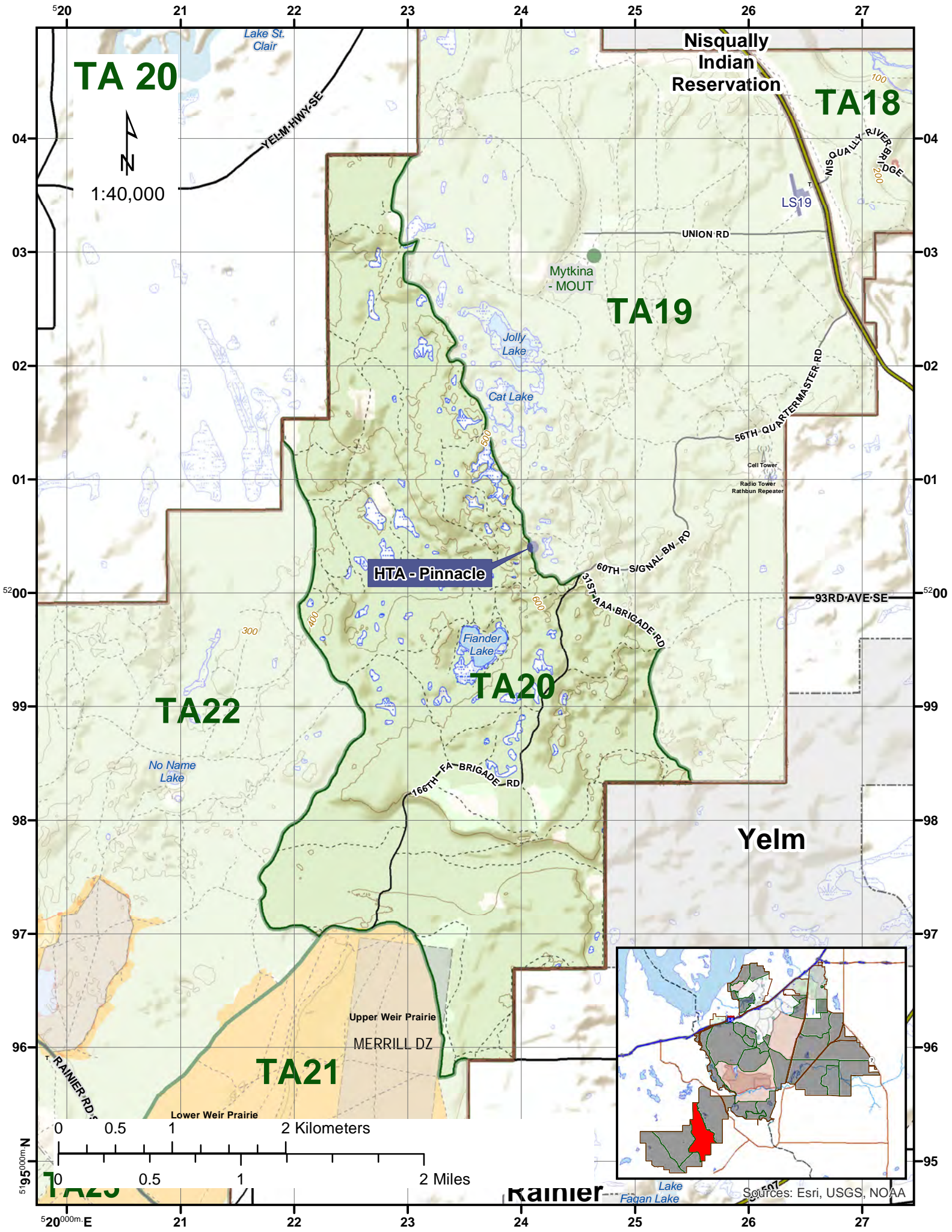
- **Area:** 5239.29 acres
- **Terrain:** Many small hills, hollows and wetlands (swamps). Some ponds. Limited cross-country maneuver and few landmarks.
- **Vegetation:** Forested with Douglas fir, alder, and cottonwood with dense undergrowth and some clearings. Oregon-white oak. Wetlands and small lakes. Some natural openings. Timber harvest and clear-cuts.

Uses

- **Hunting Method:** Rifle, Black Powder, Archery, Bird Shot, Waterfowl, Non Hunter
- **Bald Eagles:** Do not approach or interfere with eagles or their foraging and nesting activities.

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.



TA 20

TA18

TA19

TA22

TA20

TA21

HTA - Pinnacle

Nisqually
Indian
Reservation

Yelm

Rainier

Sources: Esri, USGS, NOAA

Training Area 20

Description

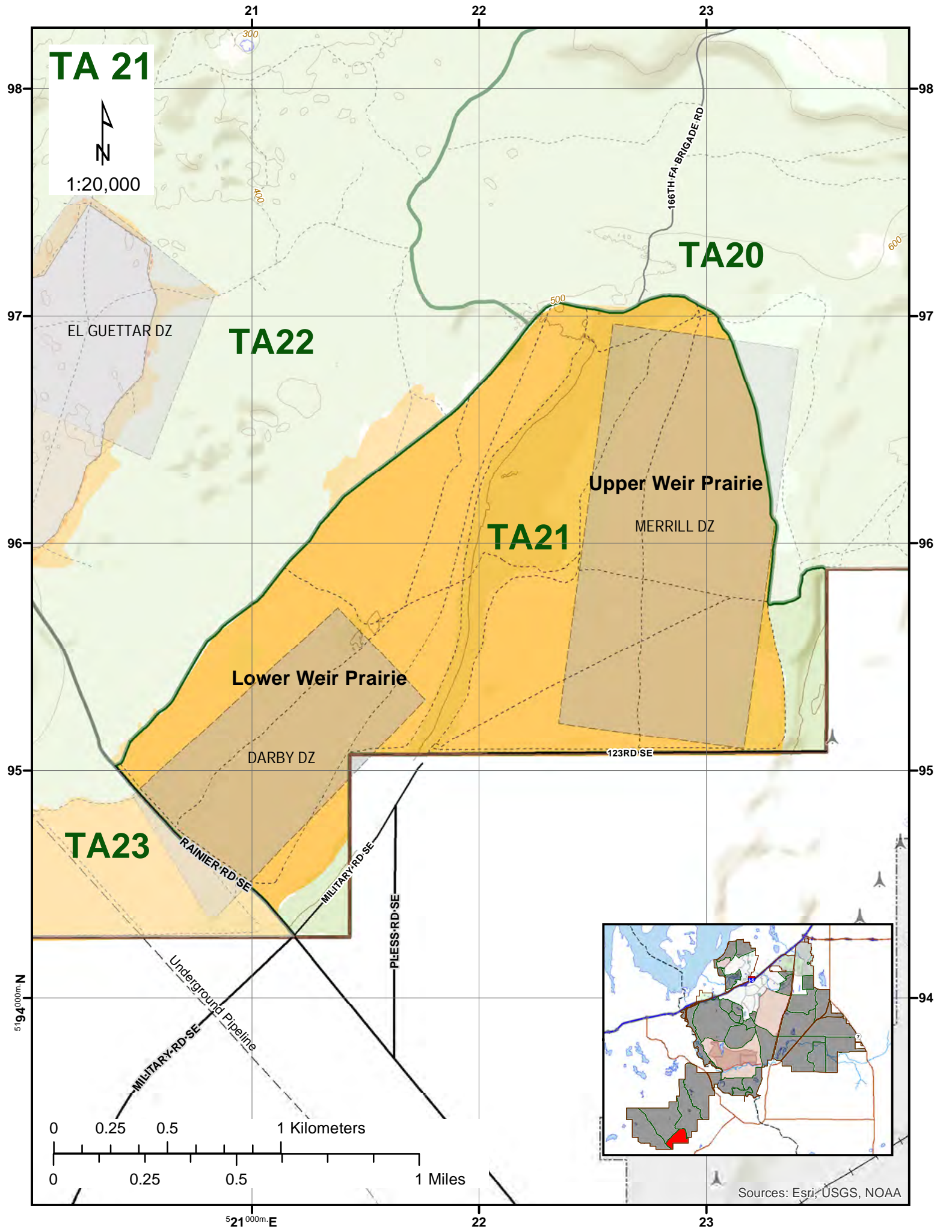
- **Area:** 3581.56 acres
- **Terrain:** Many small hills, hollows and wetlands (swamps). Some ponds. Limited cross-country maneuver and few landmarks.
- **Vegetation:** Forested with Douglas fir, alder, and cottonwood with dense undergrowth and some clearings. Oregon-white oak. Wetlands and small lakes. Some natural openings. Timber harvest and clear-cuts.

Uses

- **Hunting Method:** Rifle, Black Powder, Archery, Bird Shot, Waterfowl, Non Hunter

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.



Sources: Esri, USGS, NOAA

Training Area 21

Description

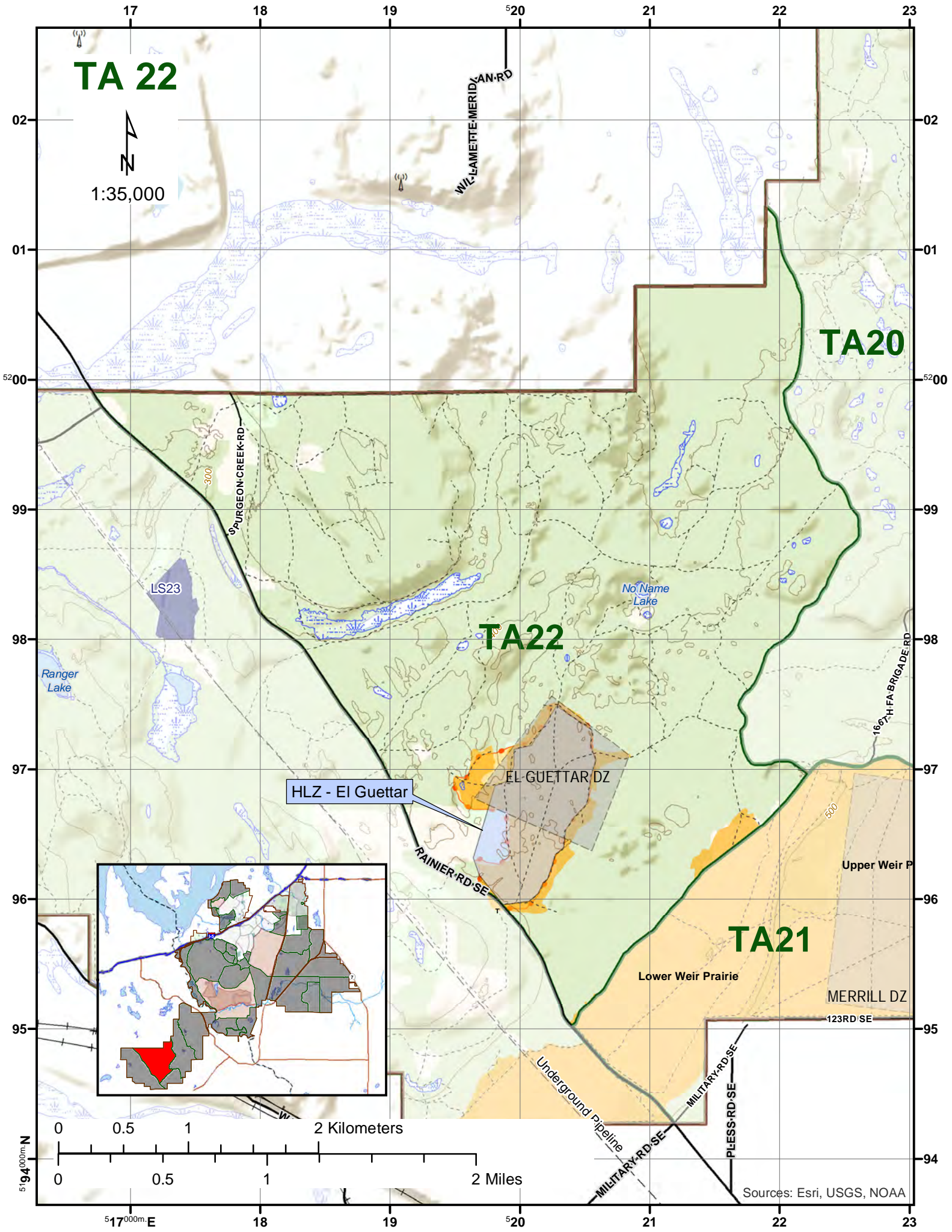
- **Area:** 1112.63 acres
- **Terrain:** Level grassland and open woodland with a bluff running northeast-southwest separating Merrill and Darby DZ's.
- **Vegetation:** Forested with Douglas fir and Oregon-white oak. Grasslands.

Uses

- **Hunting Method:** Pheasant AM, Pheasant PM, Non Hunter

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.



TA 22

TA20

TA22

TA21

HLZ - El Guettar

EL GUETTAR DZ

Upper Weir P

Lower Weir Prairie

MERRILL DZ

WILAMETTE-MERIDIAN RD

SURGEON-CREEK RD

RAINIER RD SE

MILITARY RD SE

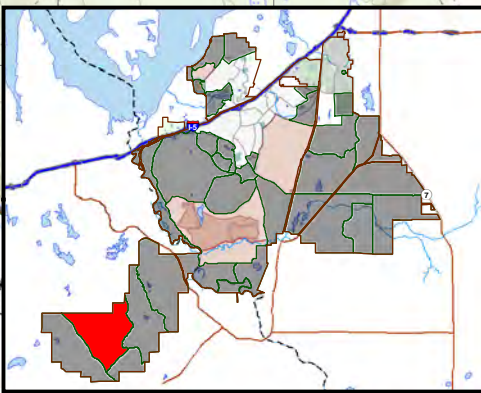
PLESS RD SE

163rd HFA BRIGADE RD

123RD SE

Underground Pipeline

1:35,000



Sources: Esri, USGS, NOAA

Training Area 22

Description

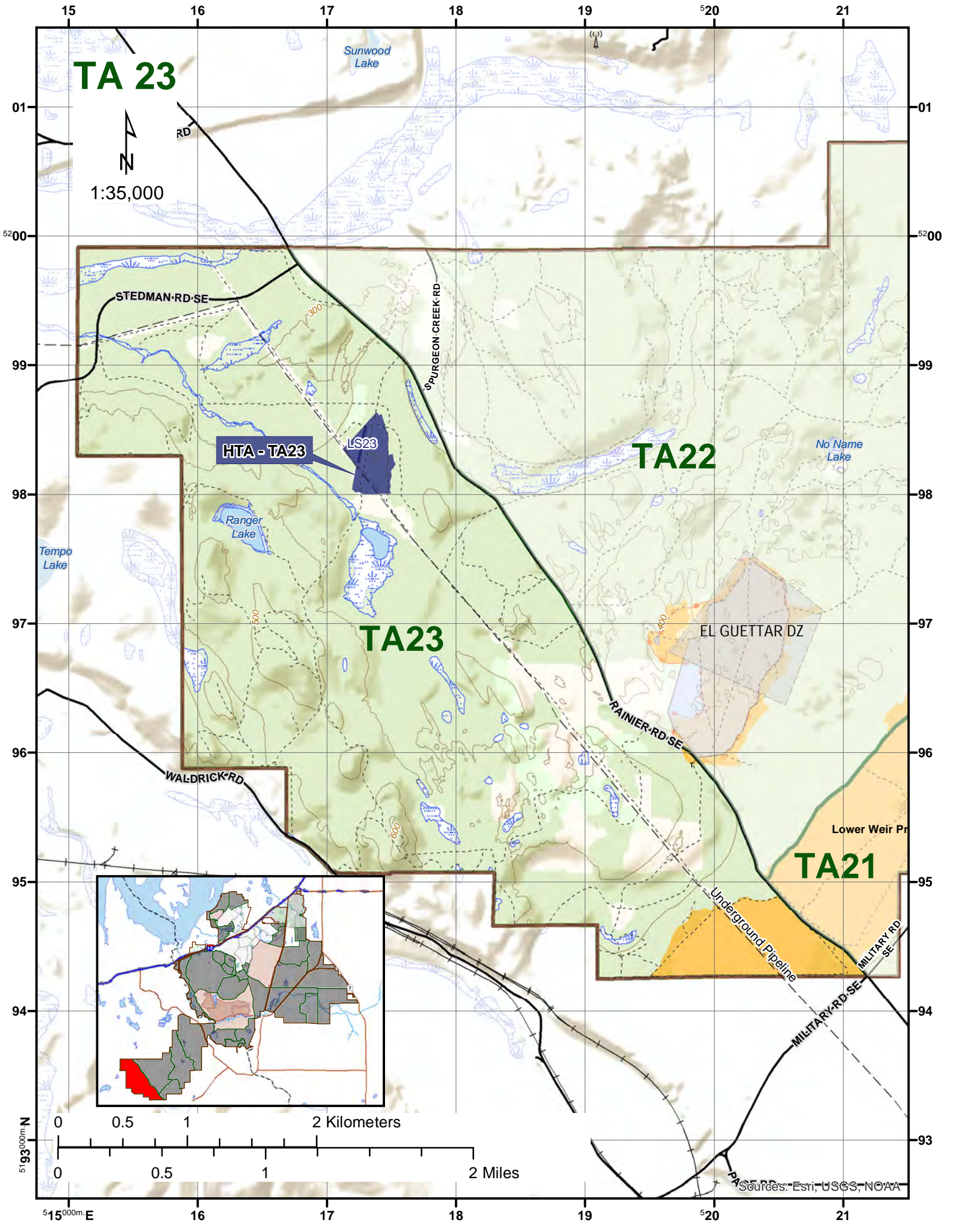
- **Area:** 4092.42 acres
- **Terrain:** Level grassland and open woodland with many small hills, hollows, and wetlands. (swamps). Some ponds. Limited cross-country mobility and few landmarks.
- **Vegetation:** Forested with Douglas fir, alder, and cottonwood with dense undergrowth and some clearings. Grasslands and Oregon-white oak. Wetlands and small lakes. Some natural openings. Timber harvest and clear-cuts.

Uses

- **Hunting Method:** Rifle, Black Powder, Archery, Bird Shot, Waterfowl, Non Hunter
- **Sensitive Sites:** Grassland habitat, Seibert stake areas, and Cultural Resource sites.

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.



TA 23

1:35,000



RD

Sunwood Lake

STEDMAN RD SE

PURGEON CREEK RD

HTA - TA23

LS23

TA22

No Name Lake

Ranger Lake

Tempo Lake

TA23

EL GUETTAR DZ

WALDRICK RD

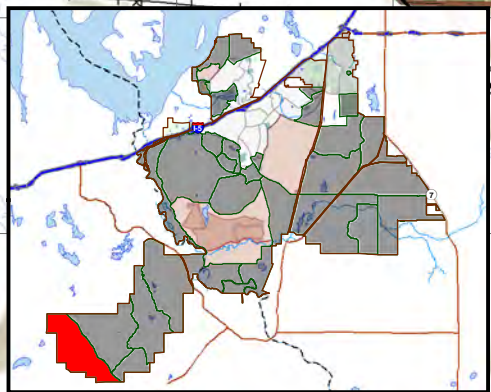
RAINIER RD SE

Lower Weir Pr

TA21

Underground Pipeline

MILITARY RD SE



0 0.5 1 2 Kilometers

0 0.5 1 2 Miles

Sources: Esri, USGS, NOAA

Training Area 23

Description

- **Area:** 3828.79 acres
- **Terrain:** Level grassland and open woodland with many small hills, hollows, and wetlands (swamps). Some ponds. Limited cross-country mobility and few landmarks.
- **Vegetation:** Forested with Douglas fir, alder, and cottonwood with dense undergrowth and some clearings. Grasslands and Oregon-white oak. Wetlands and small lakes. Some natural openings. Timber harvest and clear-cuts.

Military Uses

- **Hunting Method:** Rifle, Black Powder, Archery, Bird Shot, Waterfowl, Non Hunter
- **Sensitive Sites:** Grassland habitat and oak woodland habitat.

Basic Information

- **Wetlands, Rivers, and Lakes:** Stay on roads when within 50 meters of wetlands.