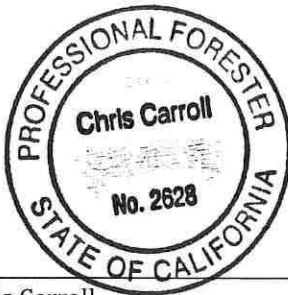


# Petition to Rezone Buck Mountain Ranch to Timber Production Zone

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For:  
Cottrell Ranch LLC  
P.O. Box 399  
Fortuna, CA 95540



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Prepared by:  
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10/2/24

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# Buck Mountain Ranch

## ZONING RECLASSIFICATION

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Contents

- 1. **Property Owner** ..... 3
- 2. **Project Purpose and Description** ..... 3
- 3. **Present Plan Designation**..... 3
- 4. **Present Zoning Designation** ..... 3
- 5. **Legal Description** ..... 4
- 6. **Rezoning Justification** ..... 4
  - Table 1: Butte Creek Ranch Soil Types..... 5
- 7. **Conclusion**..... 6
  - General Location Map..... 7
  - Existing Zoning Map..... 8
  - Proposed Zoning Map..... 9
  - Proposed Zoning Map (DOQ) ..... 10
  - Soils Map ..... 11
  - Pictures ..... 12
- Appendix A - Soil Report** ..... 14

**1. Property Owner**

Cottrell Ranch, LLC  
P.O. Box 399  
Fortuna, CA 95540

**2. Project Purpose and Description**

The project involves Zone Reclassification pursuant to C.G.C. 51113.5. Currently, the property is mixed zoned as Agriculture Exclusive (1,504 acres) and Timber Production Zone (1,580 acres). This project proposes the rezoning of the Agriculture Exclusive (AE) land to Timber Production Zone (TPZ) land to better reflect the actual land uses occurring on the ownership (past and present).

**3. Present Plan Designation**

The project area has the following plan designations: Agriculture, Grazing, Timberland.

**4. Present Zoning Designation**

The project area has the following zoning designations: Agriculture Exclusive (160 minimum parcel size) and Timber Production Zone (160 minimum parcel size).

Current Zoning			
APN	Zoning	Acres	Timber Category
210-101-014-000	AE	89.57	White Woods III
210-101-014-000	TPZ	38.87	White Woods III
210-102-004-000	AE	170.26	White Woods IV
210-102-004-000	TPZ	75.05	White Woods IV
210-103-003-000	AE	126.71	White Woods IV
210-103-003-000	TPZ	118.84	White Woods IV
210-104-001-000	AE	582.22	White Woods IV
210-104-001-000	TPZ	4.54	White Woods IV
210-104-001-000	TPZ	51.00	White Woods IV
210-105-001-000	AE	286.62	White Woods IV
210-106-002-000	AE	18.08	White Woods III
210-106-002-000	TPZ	27.05	White Woods III
210-117-009-000	TPZ	79.71	White Woods III
210-117-020-000	AE	6.24	White Woods III
210-117-020-000	TPZ	74.97	White Woods III
210-123-001-000	AE	526.66	White Woods IV
210-123-001-000	TPZ	124.93	White Woods IV
210-124-001-000	AE	182.46	White Woods IV
210-124-001-000	TPZ	345.03	White Woods IV
210-124-003-000	TPZ	41.42	White Woods III
210-131-001-000	AE	36.78	White Woods III
210-131-001-000	TPZ	46.01	White Woods III
210-131-003-000	AE	1.42	White Woods III
210-131-003-000	TPZ	76.68	White Woods III
210-132-001-000	AE	100.55	White Woods IV
210-132-001-000	TPZ	42.52	White Woods IV

## 5. Legal Description

The Buck Mountain Ranch is located approximately 9 miles east of Bridgeville, CA in portions of Sections 19, 20, 21, 27, 28, 29, 30, 32, 33 & 34 T1N, R5E, and Sections 3, 4, 5 T1S, R5E, HB&M, Humboldt County. The project area is located on the Larabee Valley and Dinsmore 7.5' USGS Quadrangles. The project area is approximately 3,274 acres in size.

## 6. Rezoning Justification

California Government Code Section 51113.5: This section allows a property owner with TP-zoned land to petition the County to rezone *contiguous* land not zoned TP to the TP zone. The only requirements for this type of rezoning are that the parcels must meet the definitions of Government Code Section 51104(f), (g) and (h)<sup>1</sup>. The County may not place any additional requirements on this petition to rezone the property to TP.

<sup>1</sup>Government Code Section 51104

(f) "Timberland" means privately owned land, or land acquired for state forest purposes, which devoted to and used for growing and harvesting timber, or for growing and harvesting timber, or for growing and harvesting timber and compatible uses, and which is capable of growing an average annual volume of wood fiber of at least 15 cubic feet per acre.

(g) "Timberland production zone" or "TPZ" means an area which has been zoned pursuant to Section 51112 and 51113 and is devoted to and used for growing and harvesting timber, or for growing and harvesting timber and compatible uses, as defined in subdivision (h).

(h) "Compatible use" is any use which does not significantly detract from the use of the property for, or inhibit, growing and harvesting timber, and shall include, but not be limited to, any of the following, unless in a specific instance such a use would be contrary to the preceding definition of compatible use"

- Management for watershed
- Management for fish and wildlife habitat
- A use integrally related to the growing, harvesting and processing of forest precuts, including but not limited to roads, log landings, and log storage areas.
- The erection, construction, alteration, or maintenance of gas, electric, water, or communication transmission facilities.
- Grazing
- A residence or other structure necessary for the management of land zoned as timberland production.

Discussion of California Government Code Section 51113.5: All areas proposed to be rezoned to TPZ are contiguous lands contained within the Buck Mountain Ranch and owned by the Cottrell LLC.

The project area meets the definitions of Government Code Section 51104(f), "Timberland", "Timberland Production Zone" and "Compatible Use". The property has historically been managed for timber production and grazing and compatible uses including management for watershed resources, fish and wildlife habitat, and uses integrally related to the growing, harvesting and processing of forest products. Numerous Timber Harvest Plans have been filed on the property, including over the areas zoned AE and U.

Discussion of Photo and Field Review: The basis for determining compliance with Government Code Section 51113.5 was determined by using available aerial photos, soil maps and on-site inspection of the project area. Historic aerial photos (1947, 1968, 1972, 1993, 1998, 2001, 2005, 2010, 2022) were evaluated for past management and vegetation conditions. Initial timber harvests took place in the mid 1960s. This is evidenced by the fresh cuts on the landscape, roads, skid trails and landings. Additional harvests appear to have occurred in the 1970s and 1980s. Another distinguishable feature from the historic photographs (1947, 1968) was the more open nature of the landscape as a whole; larger meadows and grasslands, and apparent sparse woodlands. It is apparent that early harvests targeted scattered Douglas-fir within the woodlands, and this practice likely accelerated the encroachment already occurring. At present, the majority of oak woodlands that once existed on the property have transitioned into Douglas-fir dominated conifer stands. The project area was visited throughout 2023 and 2024.



It was noted that most of the areas zoned AE are stocked timberlands and woodlands. Some of them contain mature stands of timber. Areas that are grasslands, or woodlands, have significant conifer encroachment. Photographs of these areas are included below. Woodland edges contained the highest degree of Douglas-fir in-growth, with up to 600 trees per acre occupying intermediate and codominate canopy positions.

Discussion of Project Area Soils: Soils are a major factor in determining the suitability of land for timber production. The Web Soil Survey, National Cooperative Soil Survey was queried on September 21, 2024, and the results are attached below. In general, these soil types share similar characteristics—they are underlain by sandstone, mudstone, shale, or schist; occur frequently on hilly to steep topographies; have a loam or clay loam surface texture with gravelly loam or clay loam subsoil texture; are mostly moderately to well drained; and have a moderate potential for erosion hazard. Site Class ranges from Site Class III to IV. The full soil report is contained within, Appendix A.

Table 1: Butte Creek Ranch Soil Types

Soil Name	Acres
Typic Udifluvents-Fluvents complex	9
Melbourne-Soulajule families association	46
Tannin-Wohly complex	22
Rockyglen-Hollowtree-Rock outcrop comple	49
Tannin-Burgsblock-Rockyglen complex	1,000
Bramlet-Supplycreek complex	23
Frostvalley-Mulecreek complex	69
Rockyglen-Tannin complex	278
Hoagland-Chalkmountain-Pasturerock compl	151
Highyork-Elkcamp-Airstrip complex	533
Pasturerock-Coyoterock-Maneze complex	1,094
Coyoterock-Maneze-Highyork complex	1

Areas consisting of pure grass make up approximately 235 acres, or 7% of the property. The 235 acres of grass occur almost exclusively within the Highyork-Elkcamp soil complex. There are approximately 533 acres of these soils on the property, the majority of which is occupied by forestlands. Field evaluations found a very consistent trend of wide spread encroachment of conifer in oak woodlands and the periphery of all of the grasslands on the property. This trend fits with the larger context of conifer encroachment in oak woodlands and associated grasslands within the region. Based on this, even the areas of limited grasslands meet the definition of Timberland described above by clearly showing the capability of growing an average annual volume of wood fiber of at least 15 cubic feet per acre.

Current and Future Timber Management: Several Timber Harvest Plans (THPs) have been filed on the ranch in the past 20 years; 01-434HUM, 07-134HUM and 13-018HUM. A THP on the eastern portion of the property is in development and planned for 2025. Additionally, portions of the Buck Mountain Ranch are to be included in a CALFIRE Forest Health Grant proposal in partnership with the Bureau of Land Management and Butte Creek Ranch, which if granted would include approximately 1,000 acres of forest stand improvement treatments, fuel breaks, and oak restoration on the property.

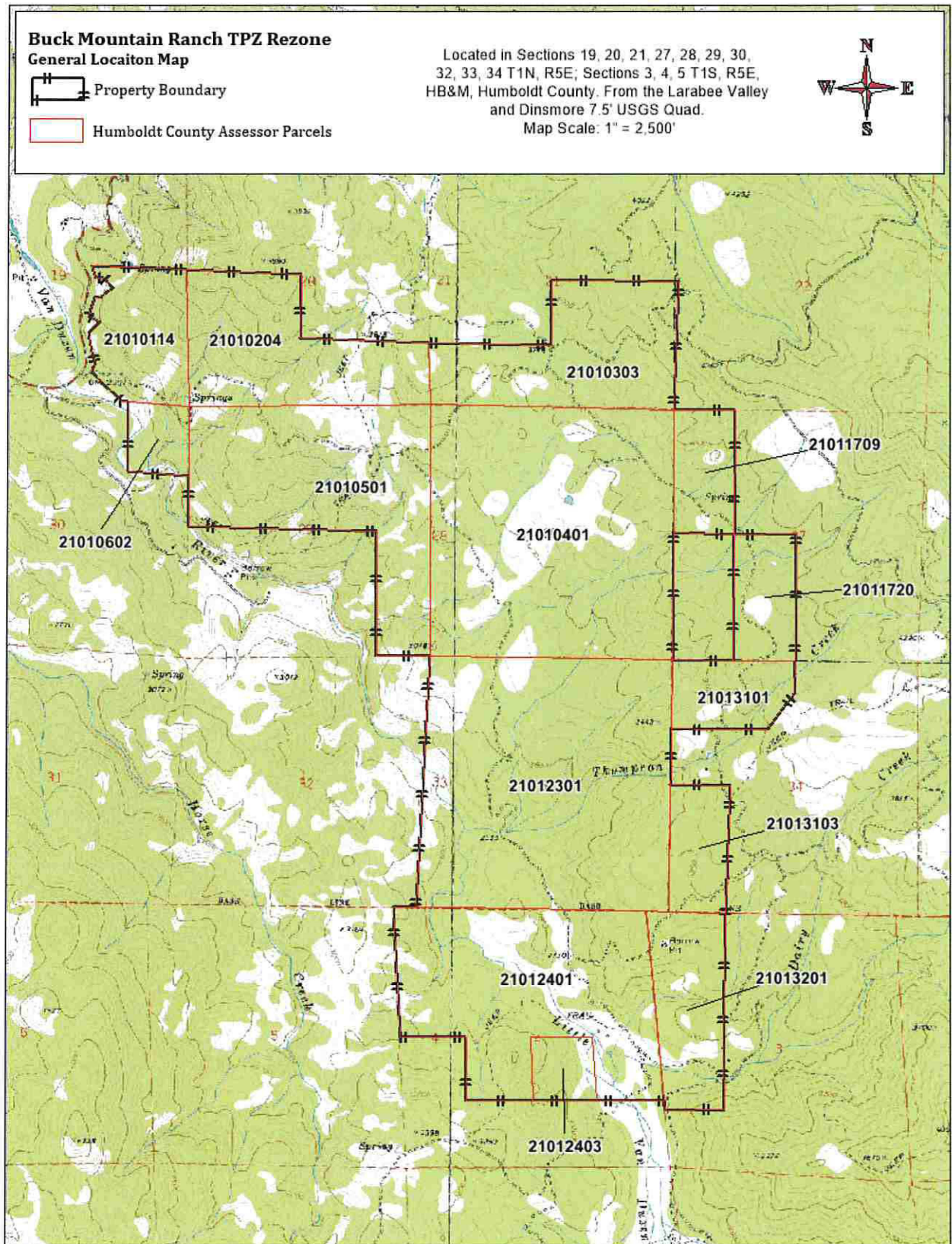
## 7. Conclusion

The property meets all of the requirements detailed in C.G.C. 51113.5 to be rezoned into Timber Production Zone. The non-TPZ lands that are currently forested are already stocked as per the Forest Practice Rules producing over 15 square feet of wood fiber annually. The non-TPZ lands that are currently grassland are becoming encroached upon by early and mid successional tree species and have been determined to be capable of producing at least 15 square feet of wood fiber per acre annually.

Final Zoning			
APN	Zoning	Acres	Timber Category
210-101-014-000	TPZ	128.43	White Woods III
210-102-004-000	TPZ	245.31	White Woods IV
210-103-003-000	TPZ	245.55	White Woods IV
210-104-001-000	TPZ	637.77	White Woods IV
210-105-001-000	TPZ	286.62	White Woods IV
210-106-002-000	TPZ	45.14	White Woods III
210-117-009-000	TPZ	79.71	White Woods III
210-117-020-000	TPZ	81.21	White Woods III
210-123-001-000	TPZ	651.59	White Woods IV
210-124-001-000	TPZ	527.49	White Woods IV
210-124-003-000	TPZ	41.42	White Woods III
210-131-001-000	TPZ	82.80	White Woods III
210-131-003-000	TPZ	78.10	White Woods III
210-132-001-000	TPZ	143.06	White Woods IV

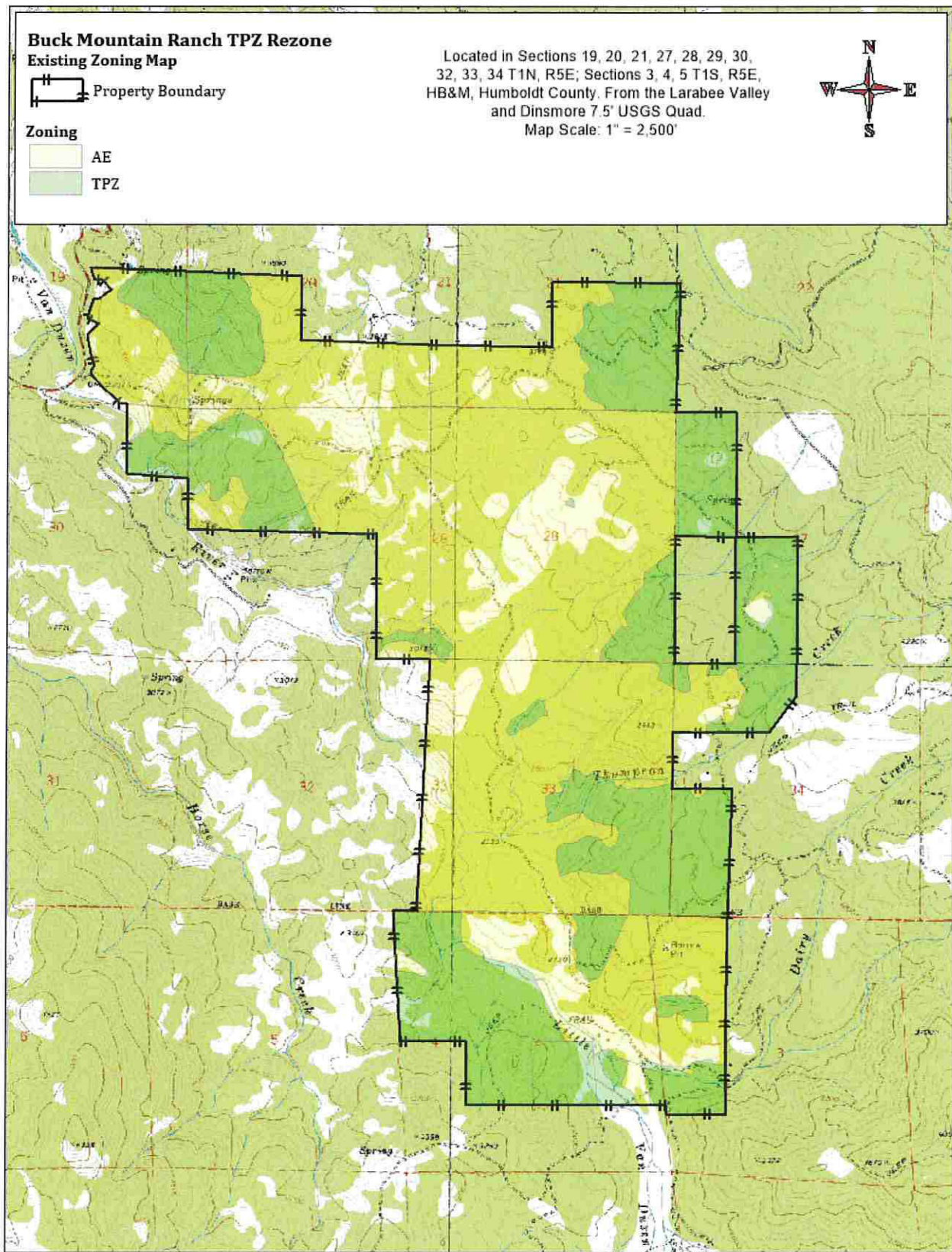


General Location Map



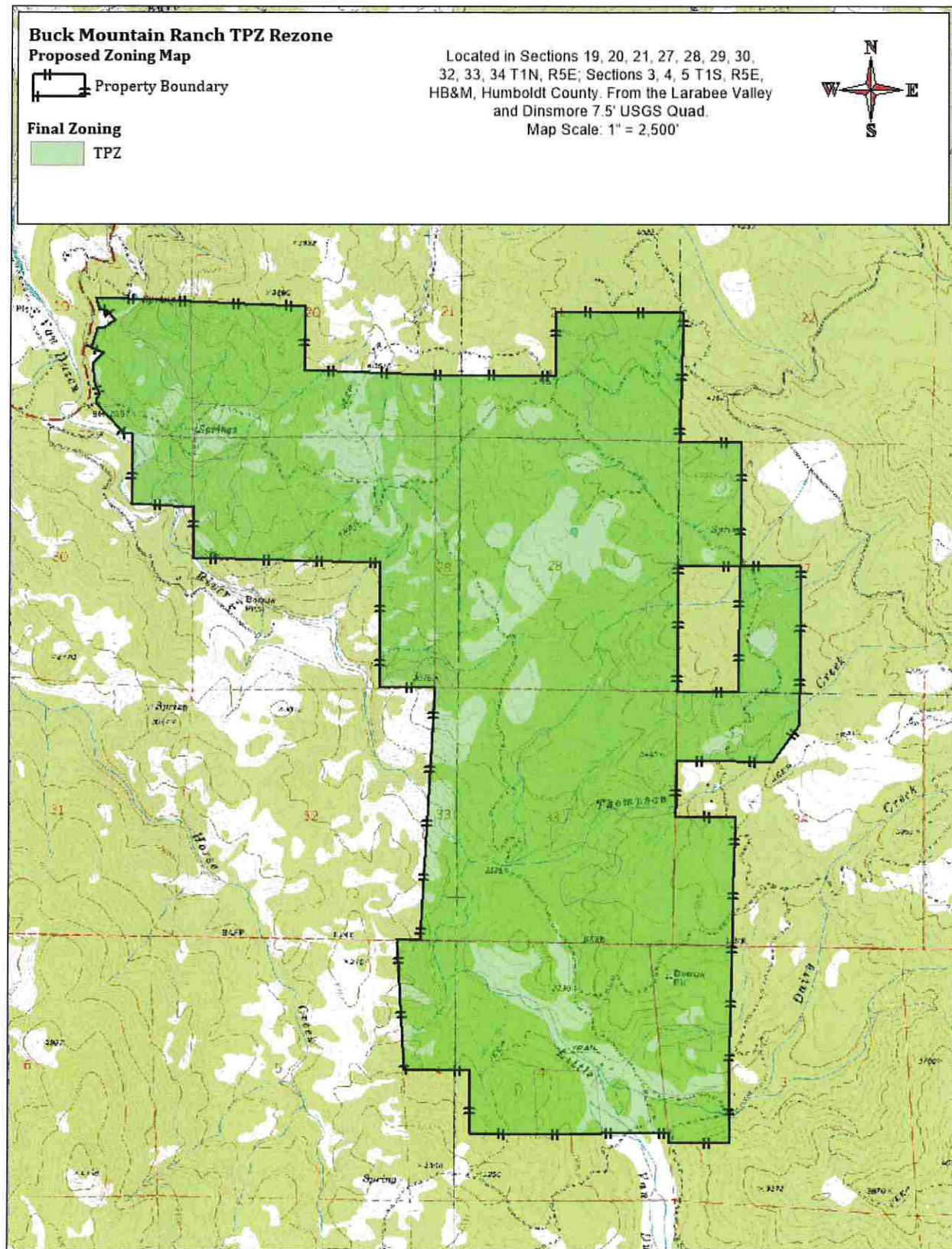


Existing Zoning Map



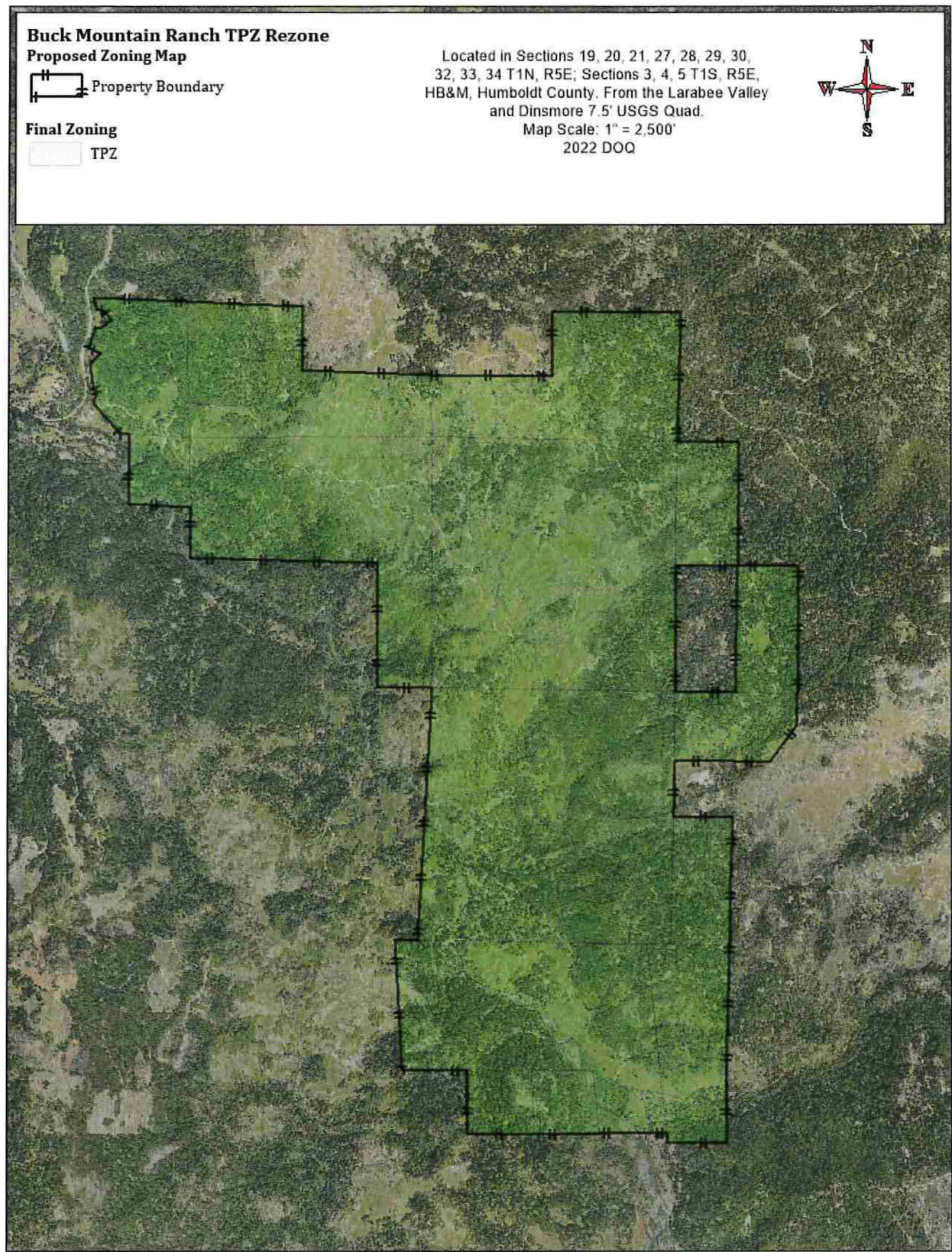


# Proposed Zoning Map



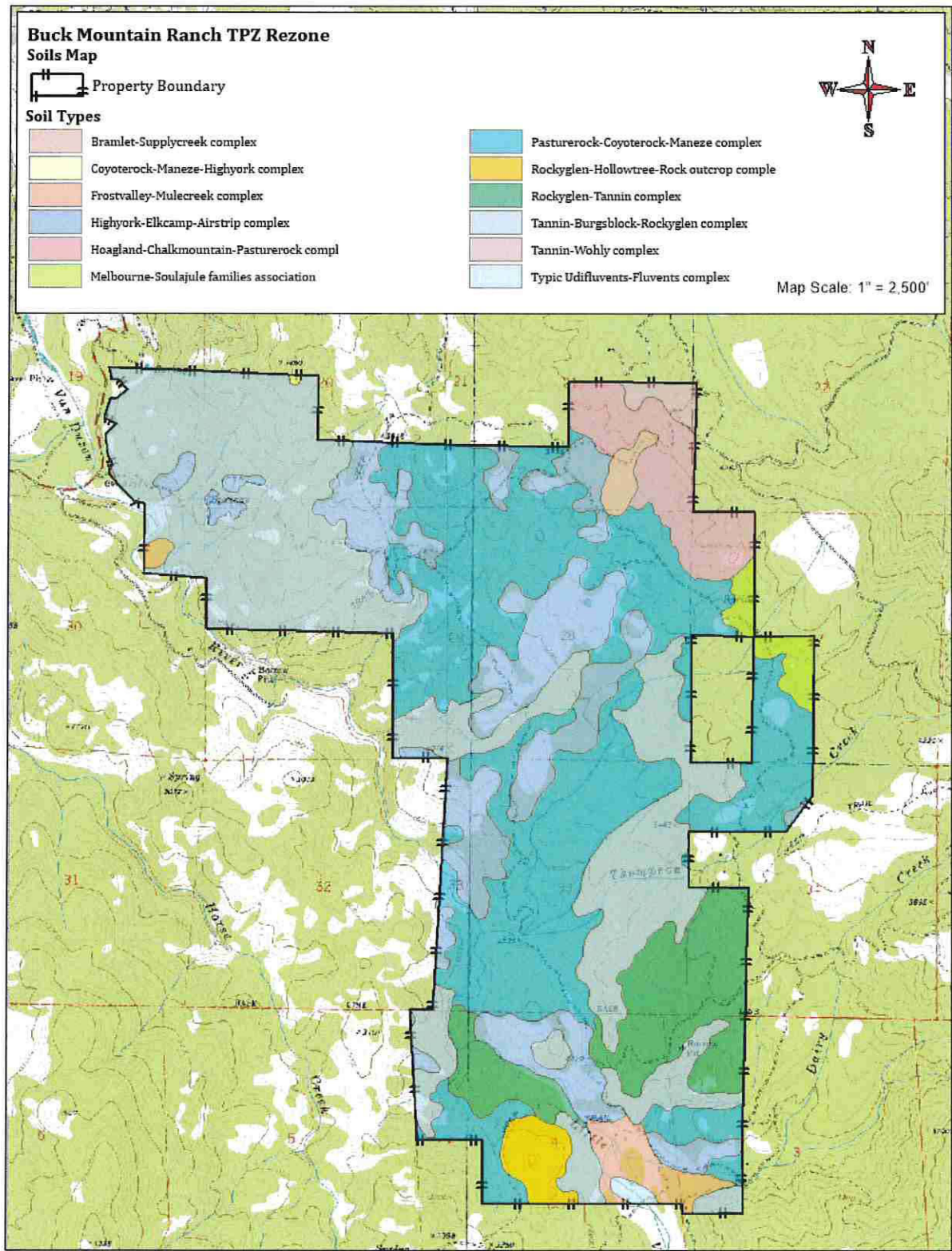


Proposed Zoning Map (DOQ)

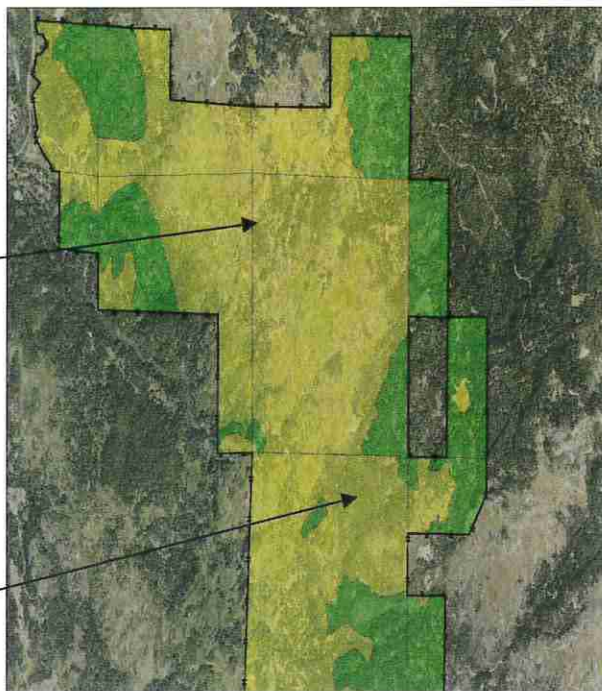




Soils Map

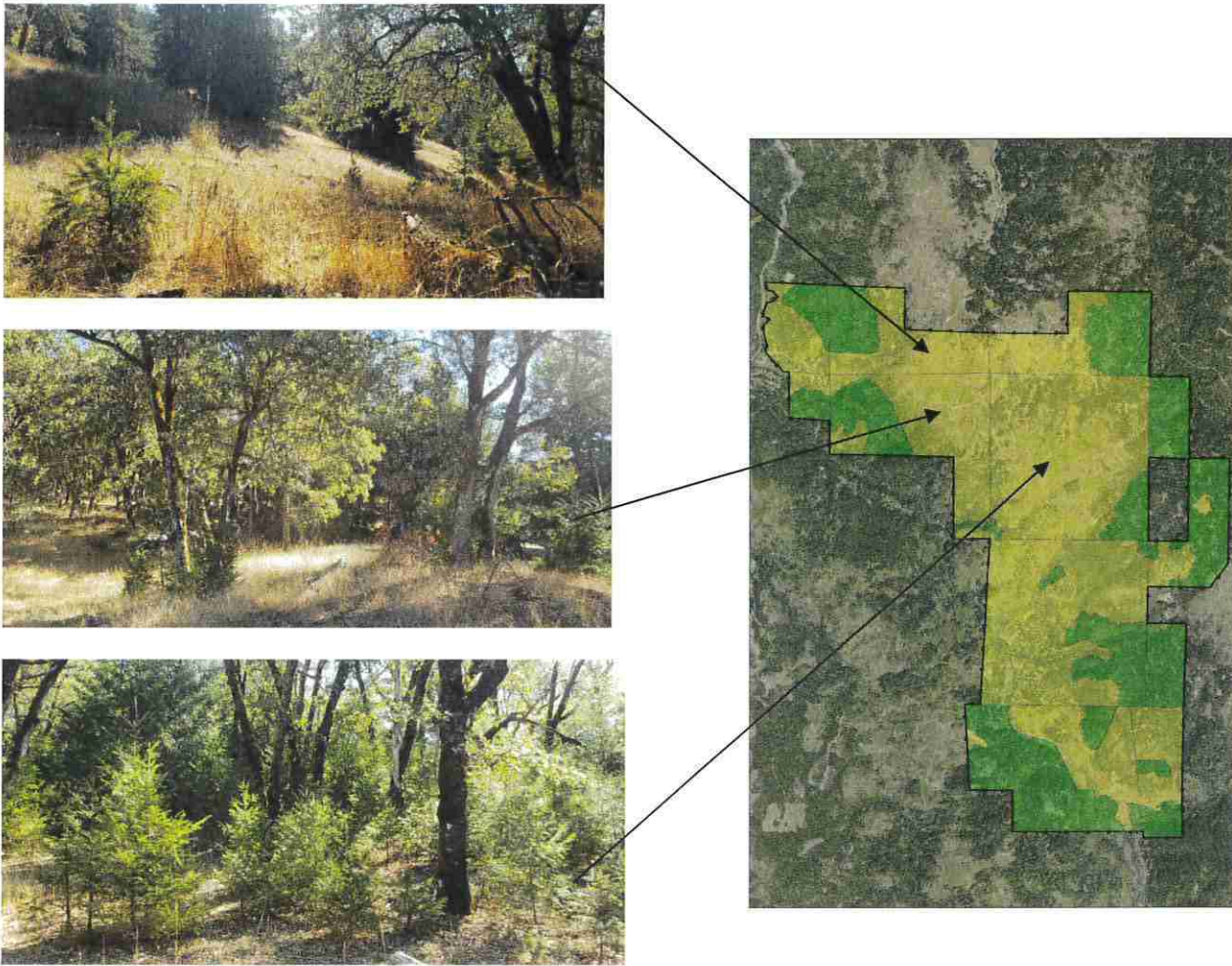


**Pictures**

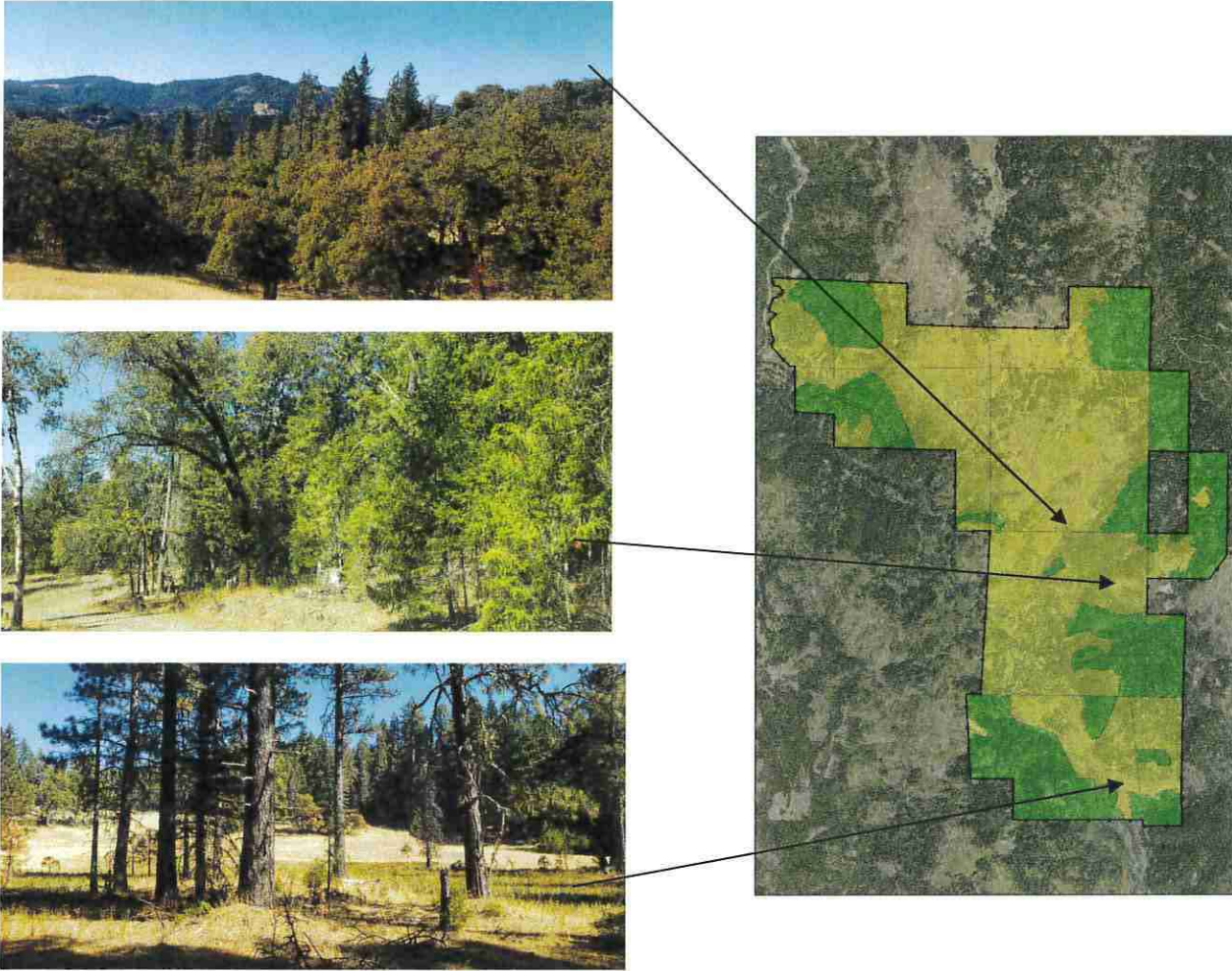


*Examples of existing timberland within the AE zoned areas of the property. Areas depicted within the photos are meeting the stocking requirements of CCR 912.7.*





*Examples of conifer encroachment occurring on the edges of woodlands and within the grasslands.*



*More examples of timberland within AE zoned areas and conifer encroachment occurring within woodlands and within the grasslands.*

**Appendix A - Soil Report**

18