

**PERKINSVILLE ROAD**

**PROPOSED EXPLORATION PLAN**

**DRAFT PLAN OF OPERATIONS**



SUBMITTED  
JANUARY 20, 2022

DRAKE CEMENT LLC

Prepared by:  
7G-Compliance LLC

[Type here]

[Type here]

## Contents

<b>1</b>	<b>Introduction .....</b>	<b>3</b>
<b>2</b>	<b>General information .....</b>	<b>3</b>
<b>3</b>	<b>Claims .....</b>	<b>3</b>
<b>4</b>	<b>Project Location .....</b>	<b>7</b>
<b>5</b>	<b>Need for Proposal .....</b>	<b>7</b>
<b>6</b>	<b>Project Exploration .....</b>	<b>8</b>
<b>7</b>	<b>Coordinates of Trenches .....</b>	<b>10</b>
<b>8</b>	<b>Sections .....</b>	<b>10</b>
<b>9</b>	<b>Timeline .....</b>	<b>10</b>
<b>10</b>	<b>Equipment .....</b>	<b>10</b>
<b>11</b>	<b>Reclamation .....</b>	<b>10</b>
<b>12</b>	<b>Figures .....</b>	<b>12</b>
<b>1.</b>	<b>Forest Service Letter Dated October 14, 2022 .....</b>	<b>12</b>
<b>2.</b>	<b>Arizona .....</b>	<b>14</b>
<b>3.</b>	<b>Sections .....</b>	<b>15</b>
<b>4.</b>	<b>Trenches .....</b>	<b>16</b>
<b>5.</b>	<b>Cat 420F Backhoe .....</b>	<b>27</b>

## 1 Introduction

Responsible Official:

Drake Cement, LLC  
David G. Chavez  
7G-Compliance LLC  
dchavez@drakeus.com

Kaibab National Forest

Debra Mollet  
Williams Ranger District  
Kaibab National Forest  
Coconino County, Arizona

## 2 General information

Drake Cement, LLC maintains forty-three (43) placer mining claims and fifty-two (52) lode mining claims for a total of ninety-five (95) mining claims total. Located within the Williams Ranger District of the Kaibab National Forest.

## 3 Claims

Unpatented mining claims and sites situated in an unnamed Mining District, in Sections 8, 9, 10, 15, 16 and 17, Township 21 North, Range 2 East, G&SRB&M, Coconino County, Arizona, the names of which together with the instrument numbers of recording of the location notices, and amendments thereto, in the official records of said county, and the serial numbers assigned by the Arizona State Office of the Bureau of Land Management, are as follows

No.	Name of Claim	Instrument No.	BLM Serial No.
1	WTP-1	3945506	AZ105749501
2	WTP-2	3945507	AZ105749502
3	WTP-3	3945508	AZ105749503
4	WTP-4	3945509	AZ105749504
5	WTP-5	3945510	AZ105749505
6	WTP-6	3945511	AZ105749506
7	WTP-7	3945512	AZ105749507
8	WTP-8	3945513	AZ105749508
9	WTP-9	3945514	AZ105749509

No.	Name of Claim	Instrument No.	BLM Serial No.
10	WTP-10	3945515	AZ105749510
11	WTP-11	3945516	AZ105749511
12	WTP-12	3945517	AZ105749512
13	WTP-13	3945518	AZ105749513
14	WTP-14	3945519	AZ105749514
15	WTP-15	3945520	AZ105749515
16	WTP-16	3945521	AZ105749516
17	WTP-17	3945522	AZ105749517
18	WTP-18	3945523	AZ105749518
19	WTP-19	3945524	AZ105749519
20	WTP-20	3945525	AZ105749520
21	WTL-1	3945526	AZ105749521
22	WTL-2	3945527	AZ105749522
23	WTL-3	3945528	AZ105749523
24	WTL-4	3945529	AZ105749524
25	WTL-5	3945530	AZ105749525
26	WTL-6	3945531	AZ105749526
27	WTL-7	3945532	AZ105749527
28	WTL-8	3945533	AZ105749528
29	WTL-9	3945534	AZ105749529
30	WTL-10	3945535	AZ105749530
31	WTL-11	3945536	AZ105749531
32	WTL-12	3945537	AZ105749532
33	WTL-13	3945538	AZ105749533
34	WTL-14	3945539	AZ105749534
35	WTL-15	3945540	AZ105749535
36	WTL-16	3945541	AZ105749536
37	WTL-17	3945542	AZ105749537



No.	Name of Claim	Instrument No.	BLM Serial No.
38	WTL-18	3945543	AZ105749538
39	WTL-19	3945544	AZ105749539
40	WTL-20	3945545	AZ105749540
41	WTL-21	3945546	AZ105749541
42	WTL-22	3945547	AZ105749542
43	WTL-23	3945548	AZ105749543
44	WTP-21	3952395	AZ105768116
45	WTP-22	3952396	AZ105768117
46	WTP-23	3952397	AZ105768118
47	WTP-24	3952398	AZ105768119
48	WTP-25	3952399	AZ105768120
49	WTP-26	3952400	AZ105768121
50	WTP-27	3952401	AZ105768122
51	WTP-28	3952402	AZ105768123
52	WTP-29	3952403	AZ105768124
53	WTP-30	3952404	AZ105768125
54	WTP-31	3952405	AZ105768126
55	WTP-32	3952406	AZ105768127
56	WTP-33	3952407	AZ105768128
57	WTP-34	3952408	AZ105768129
58	WTP-35	3952409	AZ105768130
59	WTP-36	3952410	AZ105768131
60	WTP-37	3952411	AZ105768132
61	WTP-38	3952412	AZ105768133
62	WTP-39	3952413	AZ105768134
63	WTP-40	3952414	AZ105768135
64	WTP-41	3952415	AZ105768136
65	WTP-42	3952416	AZ105768137

No.	Name of Claim	Instrument No.	BLM Serial No.
66	WTP-43	3952417	AZ105768138
67	WTL-24	3952418	AZ105768139
68	WTL-25	3952419	AZ105768140
69	WTL-26	3952420	AZ105768141
70	WTL-27	3952421	AZ105768142
71	WTL-28	3952422	AZ105768143
72	WTL-29	3952423	AZ105768144
73	WTL-30	3952424	AZ105768145
74	WTL-31	3952425	AZ105768146
75	WTL-32	3952426	AZ105768147
76	WTL-33	3952427	AZ105768148
77	WTL-34	3952428	AZ105768149
78	WTL-35	3952429	AZ105768150
79	WTL-36	3952430	AZ105768151
80	WTL-37	3952431	AZ105768152
81	WTL-38	3952432	AZ105768153
82	WTL-39	3952433	AZ105768154
83	WTL-40	3952434	AZ105768155
84	WTL-41	3952435	AZ105768156
85	WTL-42	3952436	AZ105768157
86	WTL-43	3952437	AZ105768158
87	WTL-44	3952438	AZ105768159
88	WTL-45	3952439	AZ105768160
89	WTL-46	3952440	AZ105768161
90	WTL-47	3952441	AZ105768162
91	WTL-48	3952442	AZ105768163
92	WTL-49	3952443	AZ105768164
93	WTL-50	3952444	AZ105768165

No.	Name of Claim	Instrument No.	BLM Serial No.
94	WTL-51	3952445	AZ105768166
95	WTL-52	3952446	AZ105768167

#### 4 Project Location

The proposed project site lies in the southeastern portion of the Williams Ranger District (WRD) in the Kaibab National Forest (KNF), south of Williams in Coconino County, Arizona (Figure 1). The proposed site is located on 835 acres of Drake's mining claims. Access to the proposed project site is currently provided via two routes (1) from Perkinsville Rd, FR 492, County CR 73, CR 71, and FS 492 to Drake Cement. Other routes (2) Enter I-40 West from Perkinsville Rd to AZ 89 S to Drake Cement.

#### 5 Need for Proposal

This plan of operations is being submitted per a letter dated October 14, 2022, from the National Forest requesting specific information. The information requested is as follows:

- Many of the trench locations are at a distance from the existing road network in the area. Please be specific regarding the access needs for the various trench locations as per 36 CFR 228.4(c)(2). Specifically, is additional ground disturbance needed, such as road construction and/or clearing of vegetation, to access each trench location? If so, where are the specific routes to be used, how would they be constructed, and what specifications (width, etc.) would be used? Section 6 Project Exploration Updated and Figures Section 4 Revised to provide additional detail.
- What are the overall acres of disturbance, including new access routes, trenching locations, fill material storage, and equipment staging associated with your proposal? The overall disturbance will be 0.83 Acres. Section 6 updated to provide disturbance area details.
- Are there times of the year during which you would be unable to work, or would prefer to work? What would be your hours of operation when the equipment would be active? The time of year is not a concern. Operations will occur Monday through Friday 9:00 am to 5:00 pm. The time of year and hours of operation can be modified to address any potential concerns or

potential impacts as deemed necessary.

- What type and size of equipment are planned to be used to complete the exploration activities? Is there any on-forest servicing of equipment anticipated for this proposal (refill of fuel, etc.) and if so, how would that be accomplished? What measures would you put in place to avoid site contamination during servicing? Would equipment or materials be staged on to rest? A Caterpillar 420F backhoe will be used for trenching activities. Re-fueling will be conducted by a fuel truck at the intersection of Amber Way and Benham Trail just west of Perkinsville Road. This location will also be used to store the backhoe after each day. The fuel truck will not stay on site. If deemed necessary, the backhoe can be removed daily and returned to Williams for storage and refueling.
- Do you anticipate the need for dust abatement for the proposed activities? If so, how would that be accomplished? Dust abatement is not expected to be needed. Overland travel at slow speeds and excavation activities are not anticipated to create any significant dust. A water tank trailer can be made available to control dust if deemed necessary.
- Do you anticipate the need to remove any vegetation from any of the trenching sites? If so, how would that be accomplished? What would be done with any vegetation debris that is created? Lowland grass and brush may be removed as part of trenching activities. No tree removal will be required.
- Please provide additional details about your reclamation plan, including the removal of equipment, a revegetation plan, and any post-operation monitoring activities. How do you plan to reclaim the trenches and access routes once your exploration is complete? How soon after final site activities would the reclamation work be completed? Section 11 was revised to provide additional detail.

## 6 Project Exploration

Exploration activities will involve the excavation of eight (8) trenches 20ft long, 10ft deep, and 10ft wide. The locations of the trenches are shown in Figure 3. The locations of these holes should provide stratigraphic, structural, and

geochemical data to allow mine planning information to determine the content of the property.

Trenching activities will be conducted in a 40-foot by 20-foot area resulting in a total disturbance area for each trench location of 800 square feet. This area includes the area trenched, a pad for a backhoe, excavated material stockpile, and an allotment for maneuvering within the trench areas. The total disturbance area for the 8 proposed trenches will be 6400 square feet or 0.15 acres.

Access to trench hole locations will be conducted on existing forest roads, existing secondary roads, and existing visibly disturbed areas to the extent practical. Some overland travel in undisturbed locations is proposed to gain access to some of the trench locations. The total additional disturbance area for overland travel is based on the width of the backhoe of 8 feet and the length of the undisturbed area requiring overland travel. Return travel from each trench location will be conducted along the same pathway to minimize any additional disturbance. Trench locations and access routes will be flagged prior to commencing work.

The total proposed area to be disturbed for trenching is 0.15 acres and overland travel is 0.68 acres for a total of 0.83 acres total disturbance for the proposed exploration project. The following disturbance table outlines the proposed disturbance area for overland travel to each trench location.

Activity Area	Overland/Undisturbed Travel Length (feet)	Backhoe Width (feet)	Total Disturbance Area (square feet)
Trench 1	70	8	560
Trench 2	460	8	3680
Trench 3	0	8	0
Trench 4	225	8	1800
Trench 5	140	8	1120
Trench 6	320	8	2560
Trench 7	1090	8	8720
Trench 8	1385	8	11080
Total Overland Undisturbed Area (square feet)		29520	
<b>Total Overland Undisturbed Area (acres)</b>		<b>0.68</b>	

## 7 Coordinates of Trenches

Trench	Latitude	Longitude
1	35°12'18.83"N	112°10'42.44"W
2	35°12'16.92"N	112°10'51.12"W
3	35°12'18.53"N	112°11'0.51"W
4	35°12'15.88"N	112°11'7.92"W
5	35°12'9.95"N	112°10'56.85"W
6	35°12'5.40"N	112°10'58.62"W
7	35°11'51.13"N	112°11'17.28"W
8	35°11'45.44"N	112°11'10.08"W

## 8 Sections

Section	Description	Meridian	State
9	S9 T21N R2E	Gila Salt River	Arizona
10	S10 T21N R2E	Gila Salt River	Arizona
15	S15 T21N R2E	Gila Salt River	Arizona
16	S16 T21N R2E	Gila Salt River	Arizona

## 9 Timeline

Trenching may take 8-14 days, depending on the material, depth, and several samples. It is anticipated that the exploration campaign will take approximately two weeks to complete. All anticipated durations are subject to change.

## 10 Equipment

- One Caterpillar backhoe will be used to dig trenches.
- A water truck will be available for dust control if needed.
- Trucks and pickups will be unitized supervision, quality control, or mechanics.

## 11 Reclamation

Reclamation of the trenches will be filled as required by the Forest Service after each trench is complete. All the material that is removed from the trenches, except for the material used for sampling, will be replaced in the trench.


Practices for preventing weed establishment and expansion as outlined in the Kaibab National Forest's Environmental Impact Statement for the Integrated Treatment of Noxious or Invasive Weeds (2004) will need to be followed, including cleaning equipment before moving on to the sites.

Drake will use existing access whenever possible to minimize new surface disturbance. Access routes will be planned for the minimum width needed for safe operations and equipment passage and will follow natural terrain and contours.

All reclamation work for trenches and access routes will commence as each trench is completed and filled. Due to the limited disturbance area proposed, natural revegetation is expected to occur. Revegetation and post-exploration monitoring can be conducted if deemed necessary following Forest Service guidelines.

## 12 Figures

### 1. Forest Service Letter Dated October 14, 2022

	United States Department of Agriculture	Forest Service	Williams Ranger District	742 South Clover Road Williams, AZ 86046 928-635-5200/928-635-5680
---	---	-------------------	--------------------------	--

---

**File Code:** 2810  
**Date:** October 14, 2022


David Chavez  
21803 N Scottsdale Road Ste 220  
Scottsdale, AZ 85255

Dear Mr. Chavez,


As indicated by my email on August 2, 2022, we are in receipt of your proposal to conduct mining exploration on National Forest System lands near the Perkinsville Road area and in the Bill Williams Mountain footprint (file name "Perkinsville Road Site Exploratory Drilling July 2022 [2].pdf" emailed by you on 7/29/2022.). Upon review of the information submitted, and in consideration of the resources that may be affected in the immediate area, the Forest Service has determined that a Plan of Operations is needed for this activity. Environmental analysis will also be required.

In addition to the information provided in your current proposal, specific and detailed information is needed in the following areas before environmental analysis of your proposal can begin:

- Many of the trench locations are at a distance from the existing road network in the area. Please be specific regarding the access needs for the various trench locations as per 36 CFR 228.4(c)(2). Specifically, is additional ground disturbance needed, such as road construction and/or clearing of vegetation, to access each trench location? If so, where are the specific routes to be used, how would they be constructed, and what specifications (width, etc.) would be used?
- What are the overall acres of disturbance, including new access routes, trenching locations, fill material storage, and equipment staging associated with your proposal?
- Are there times of the year during which you would be unable to work, or would prefer to work? What would be your hours of operation when equipment would be active?
- What type and size of equipment are planned to be used to complete the exploration activities? Is there any on-forest servicing of equipment anticipated for this proposal (refill of fuel, etc.) and if so, how would that be accomplished? What measures would you put in place to avoid site contamination during servicing? Would equipment or materials be staged on-forest? A Spill Prevention, Control, and Countermeasures Plan may be necessary as per 40 CFR 112.
- Do you anticipate the need for dust abatement for the proposed activities? If so, how would that be accomplished?
- Do you anticipate the need to remove any vegetation from any of the trenching sites? If so, how would that be accomplished? What would be done with any vegetation debris that is created?
- Please provide additional details about your reclamation plan, including the removal of equipment, a revegetation plan, and any post operation monitoring activities. How do you plan to reclaim the trenches and access routes once your exploration is complete? How soon after final site activities would the reclamation work be completed?



Caring for the Land and Serving People

Printed on Recycled Paper 



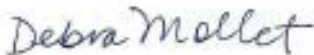
Please state the total amount of time needed for the duration of the operation as per 36 CFR 228.4(c)(3). It is unclear at this time if the duration of seven days listed in the proposal includes reclamation and other related activities. Also, please be aware that we will collect a reclamation bond pending the approval of the plan of operations.

Gathering this basic information will help us better understand the proposed activities and anticipated environmental effects. Upon review of this initial information, further information may be requested to ensure we analyze all potential impacts to the resources in the area, and ensure that activities are authorized by law, reasonable, and follow a logical progression while minimizing adverse environmental impacts.

The above information requested can be reported on the attached form FS-2800-5, Plan of Operations for Mining Activities on Forest Service Lands. If you choose not to use this form, please ensure that all of the information requested on this form is contained in your plan document.

Once you have gathered the information above, I encourage you to contact me to set up a presubmittal meeting where you can discuss your proposal with our staff. (This presubmittal meeting is not required prior to you submitting your plan of operations.) I can be reached at [debra.mollet@usda.gov](mailto:debra.mollet@usda.gov), and 928-635-5630.

Sincerely,



DEBRA MOLLET  
District Ranger

Nicole Branton, Jeremy Kulisheck, Anthony Davila

## 2. Arizona

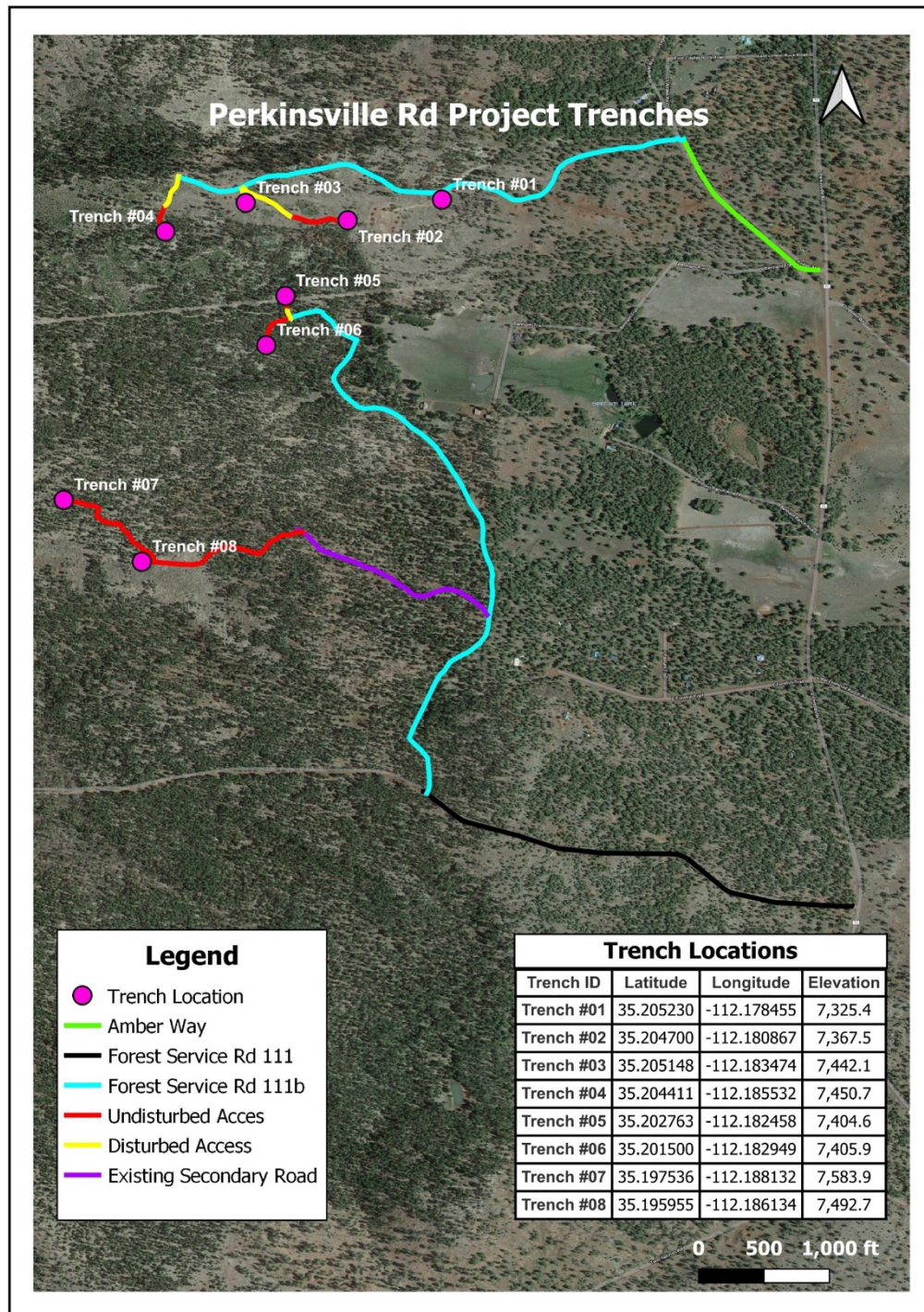


### 3. Sections

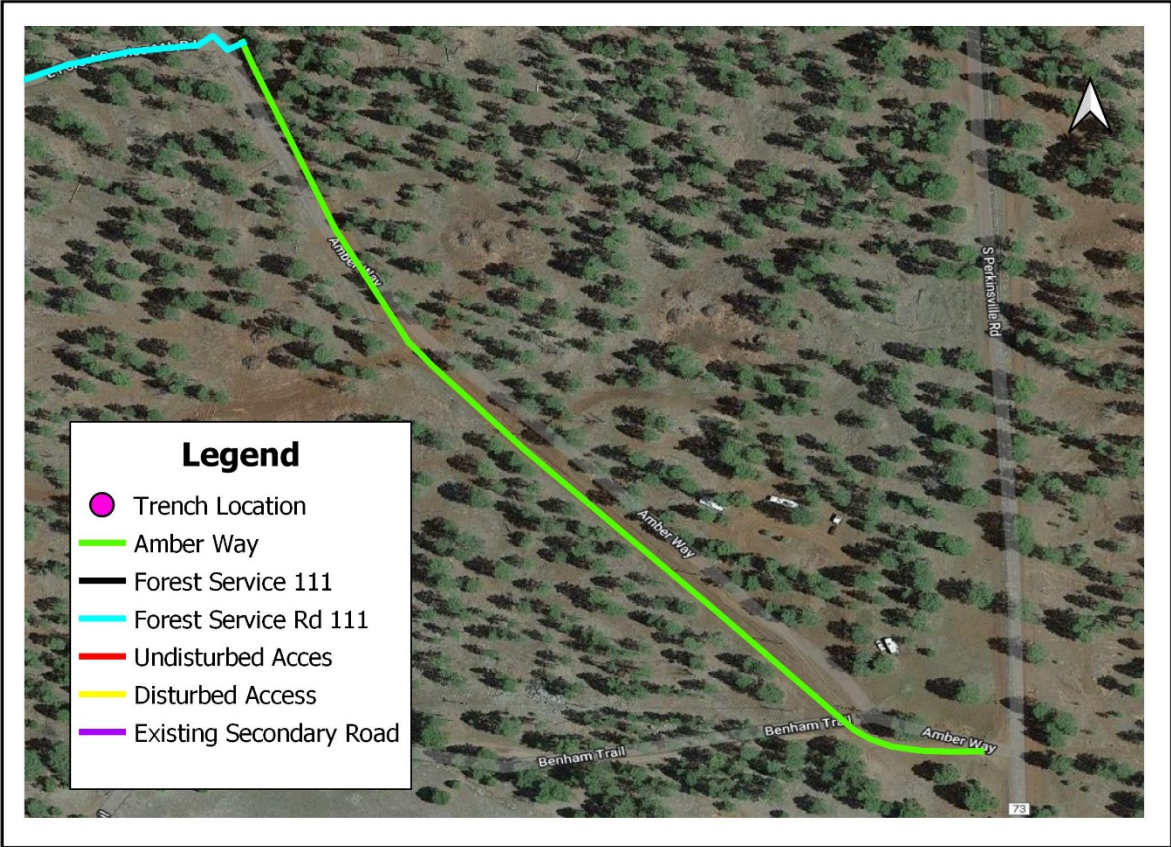
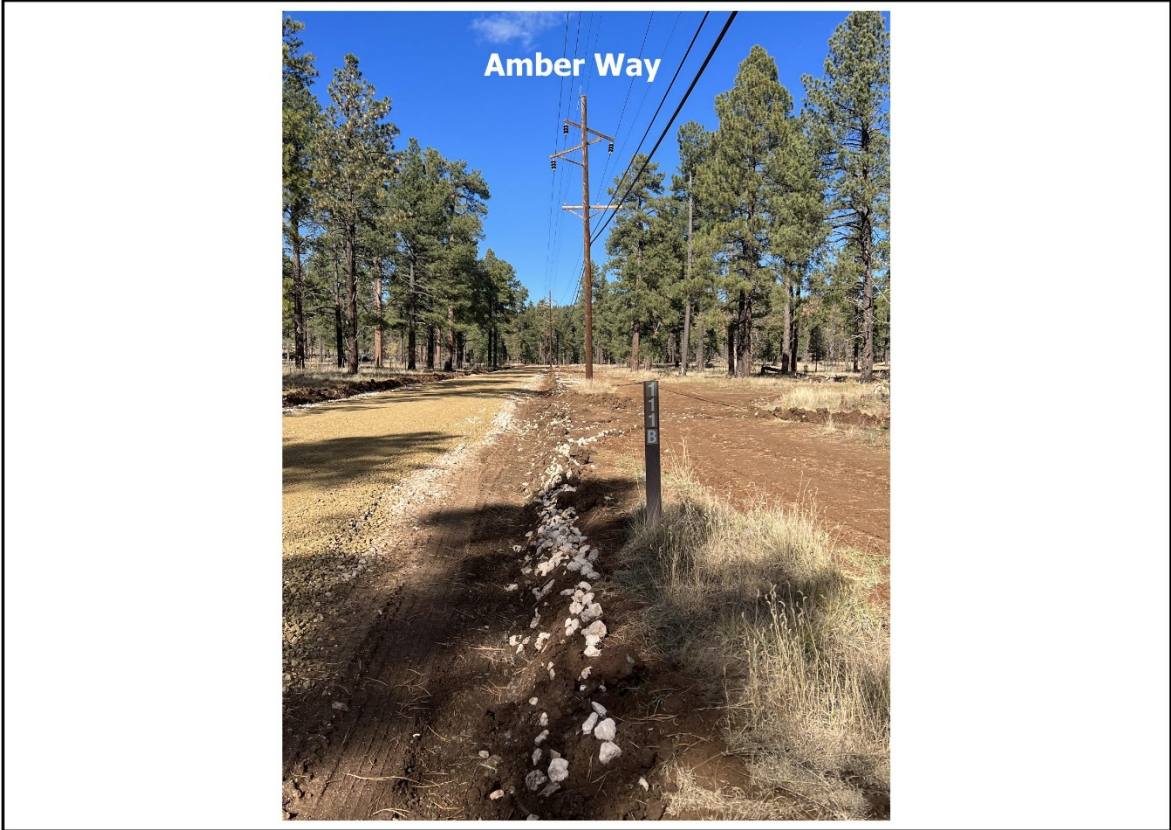




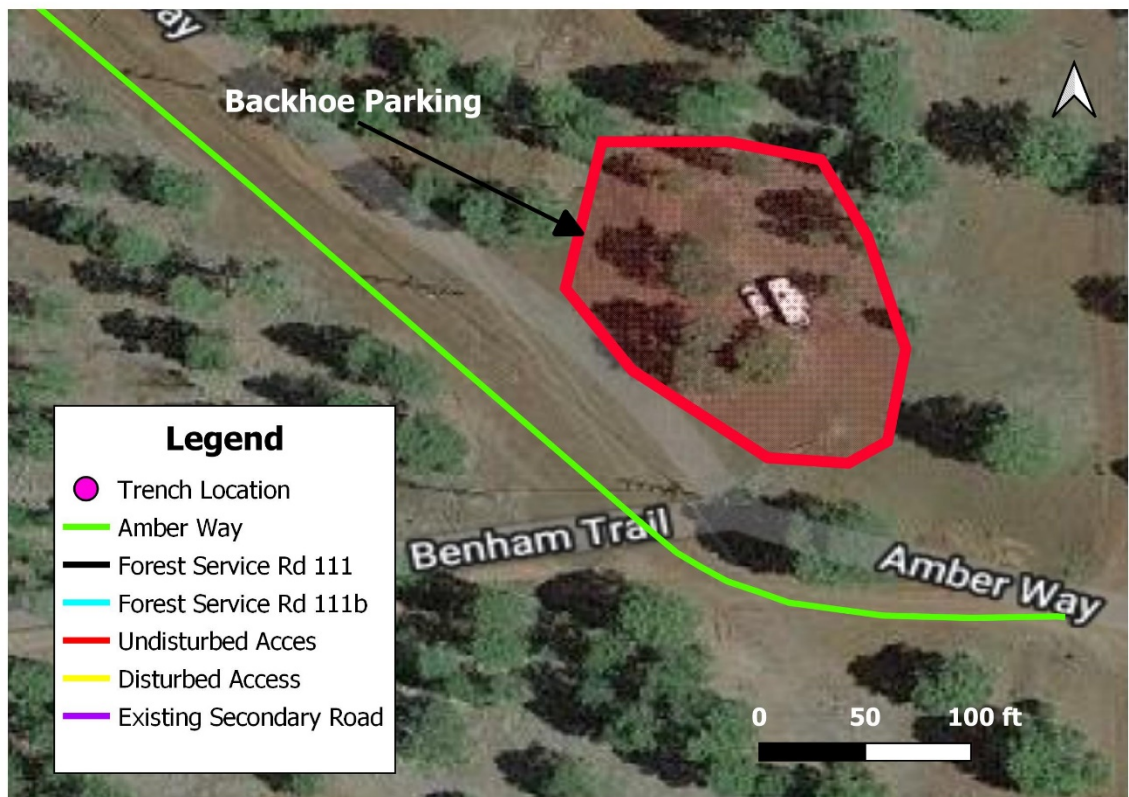
## 4. Trenches



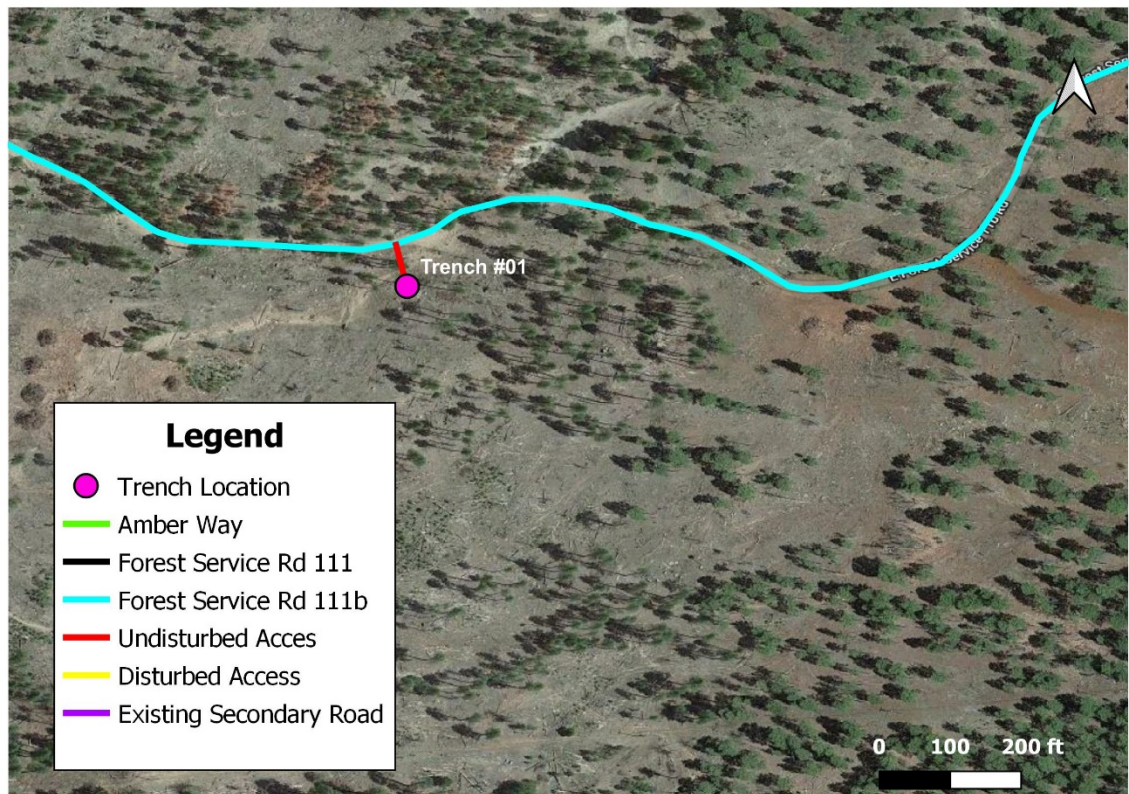




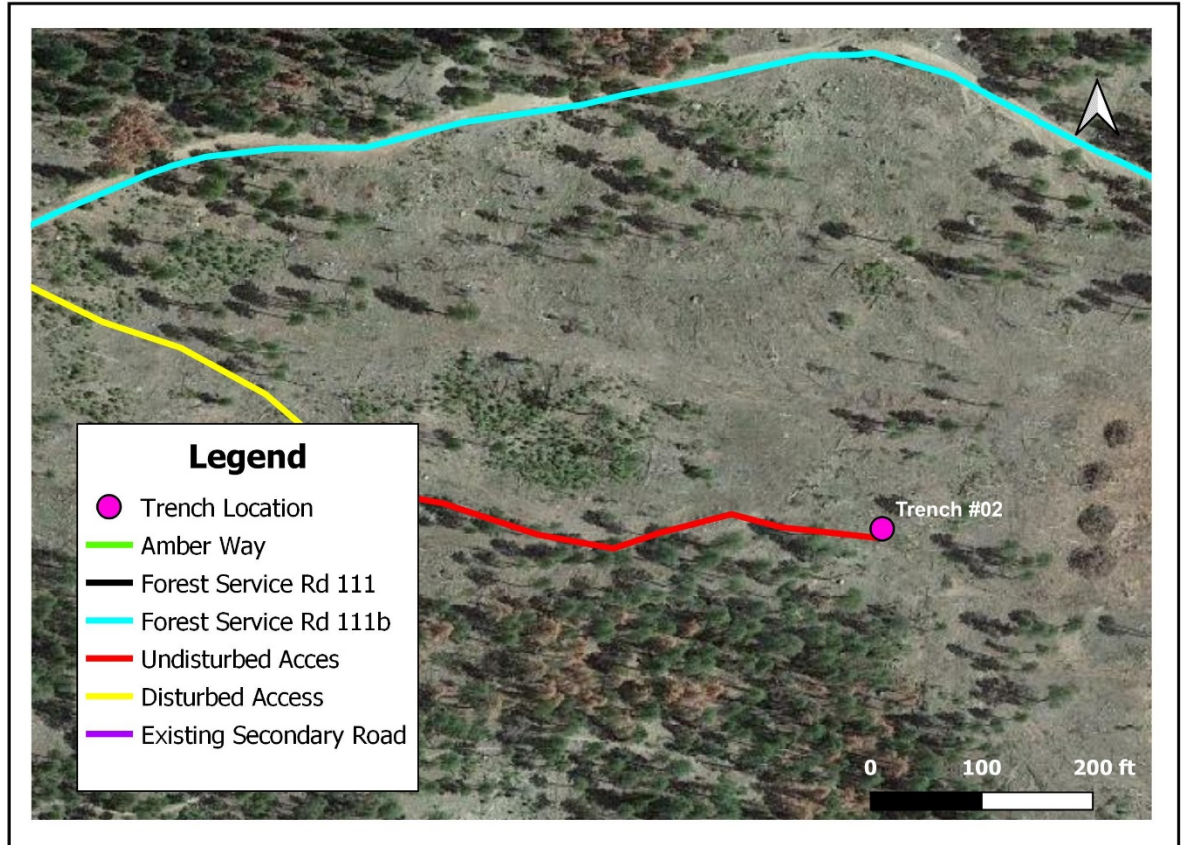
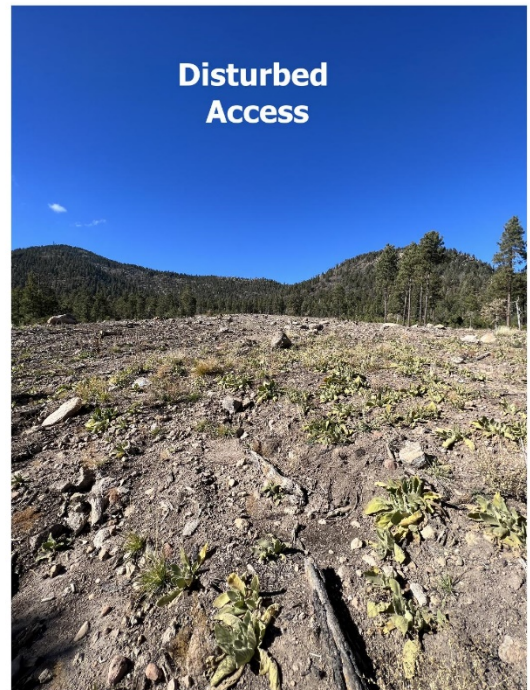




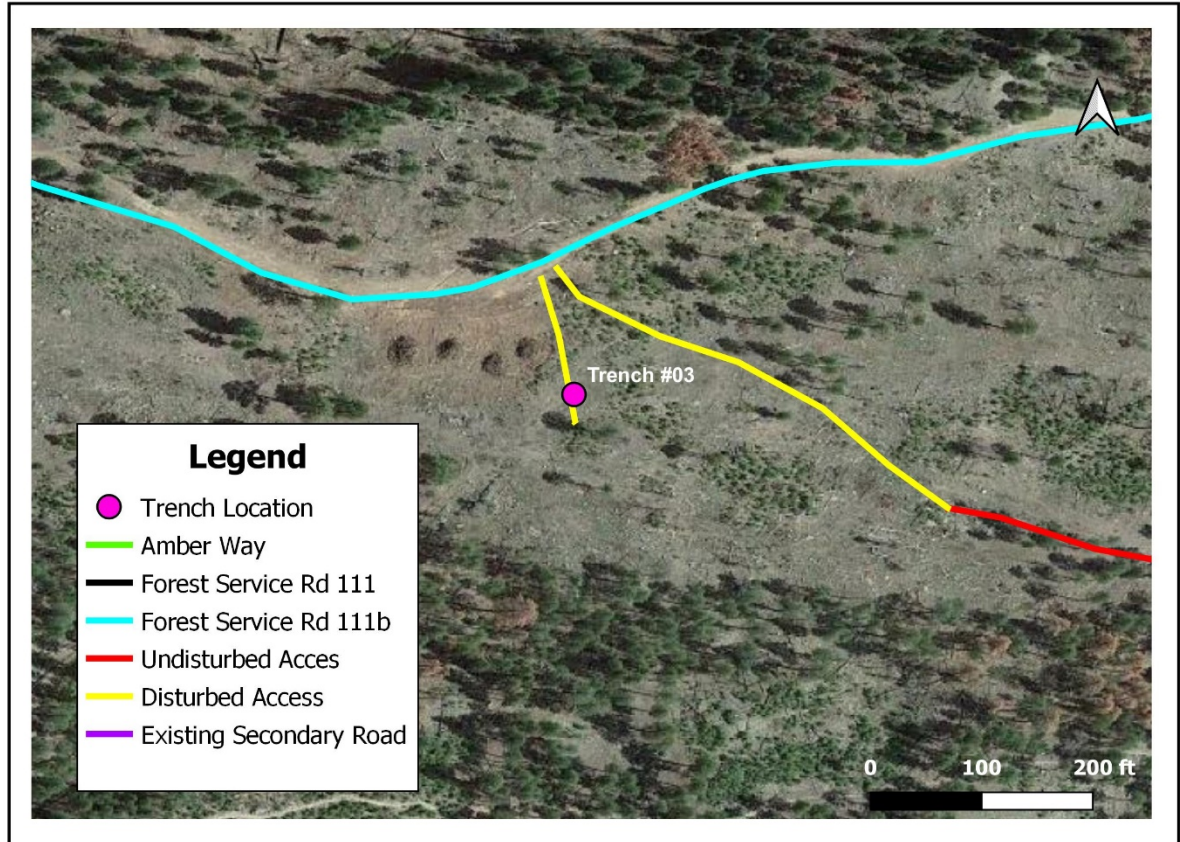




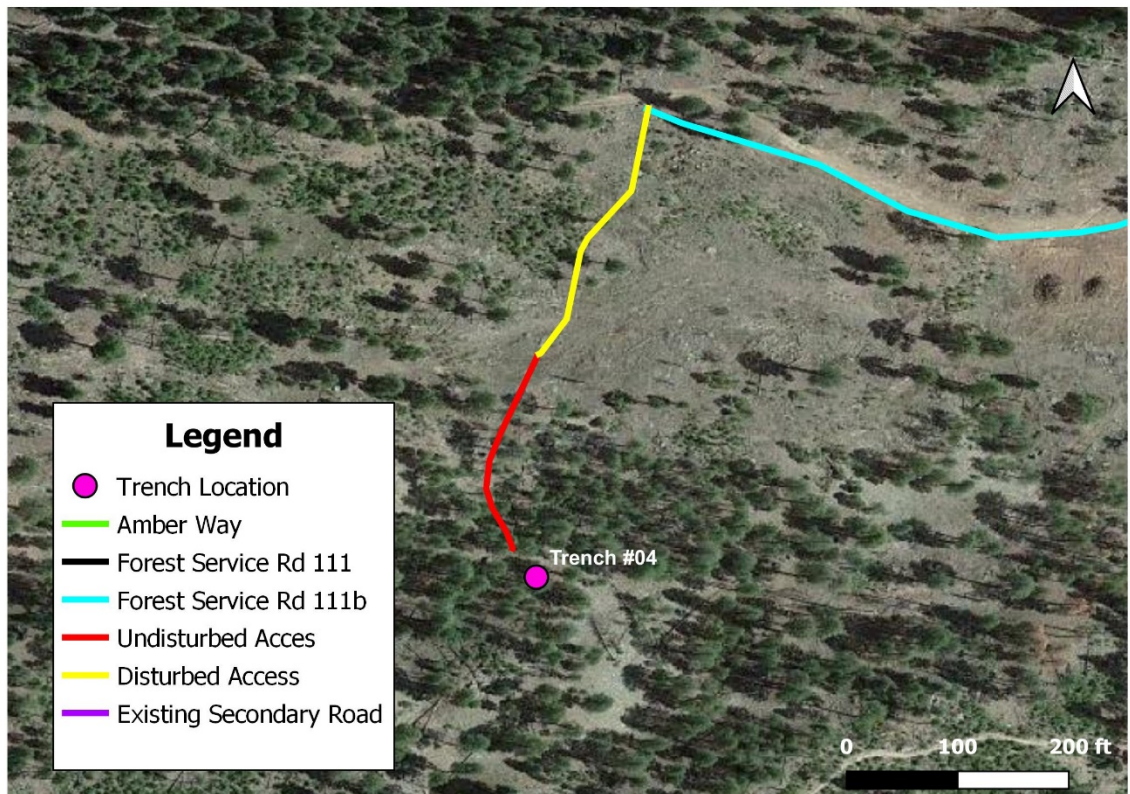




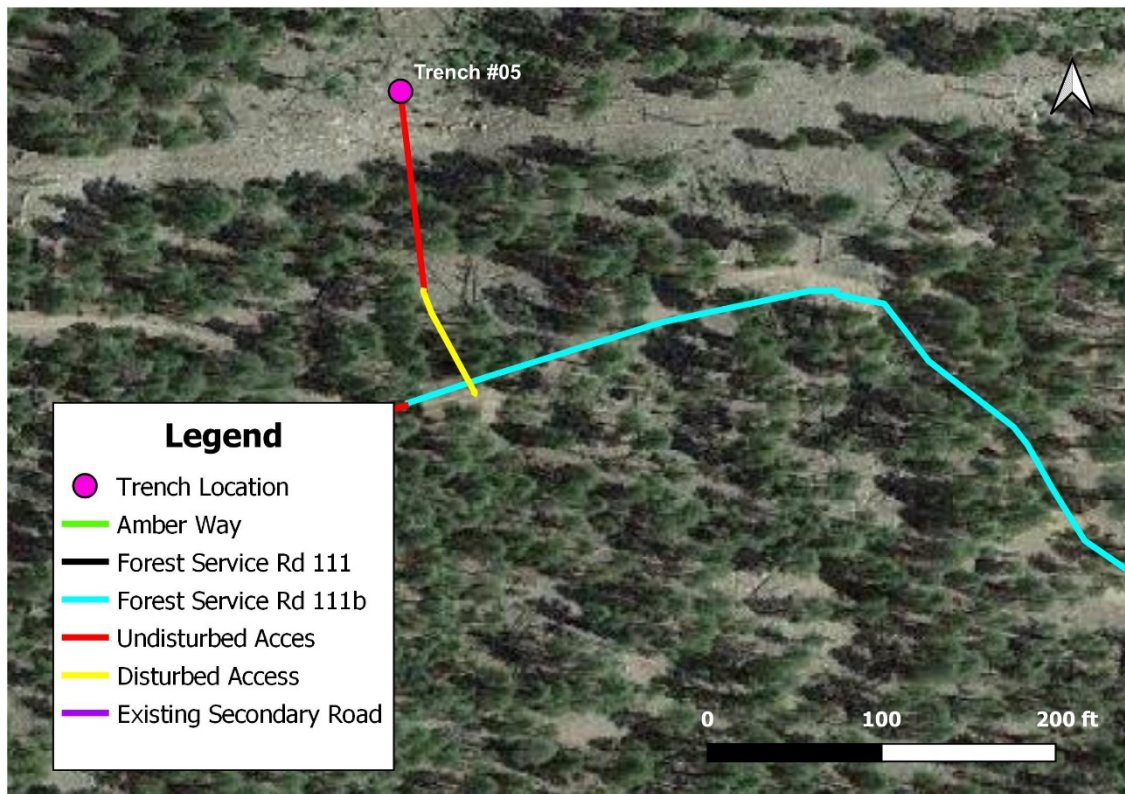




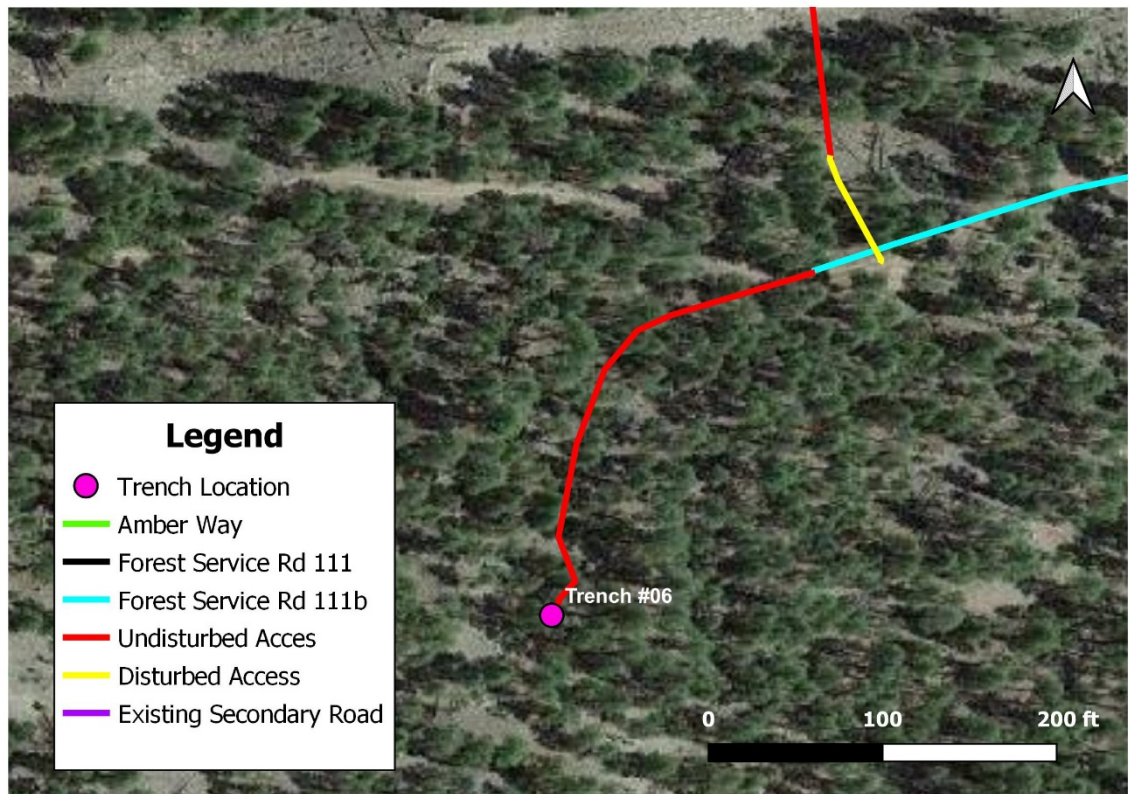




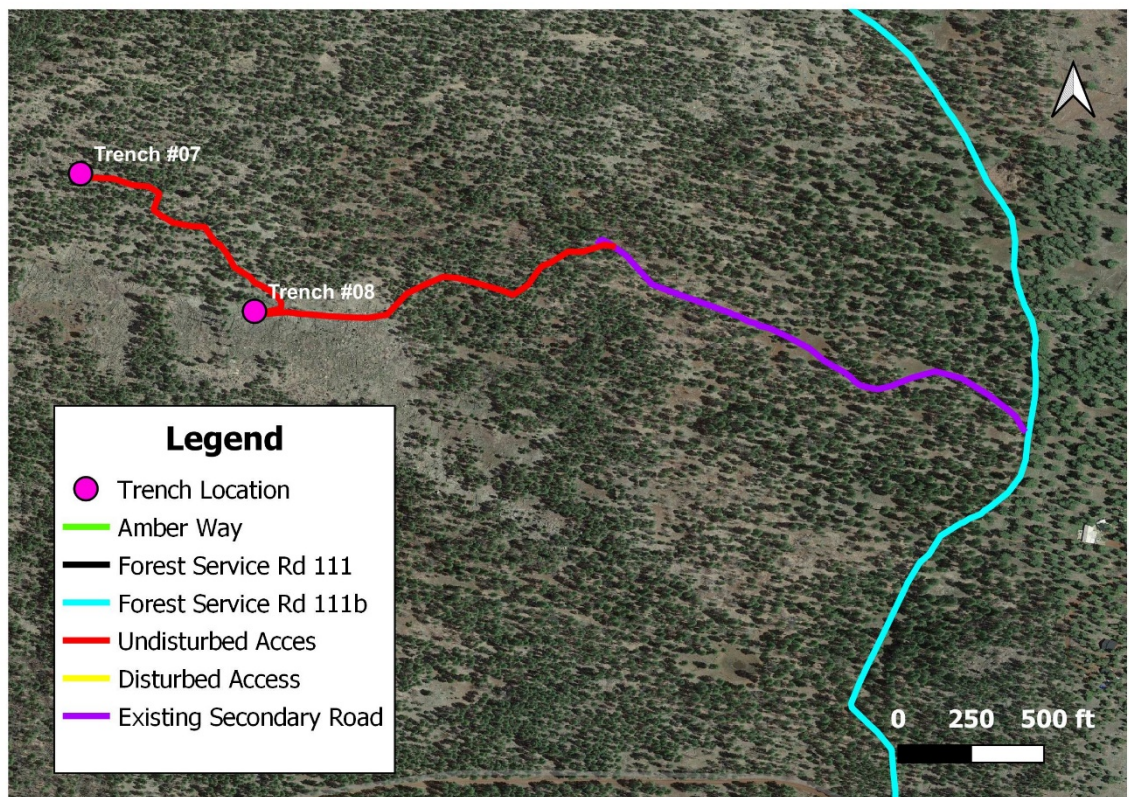




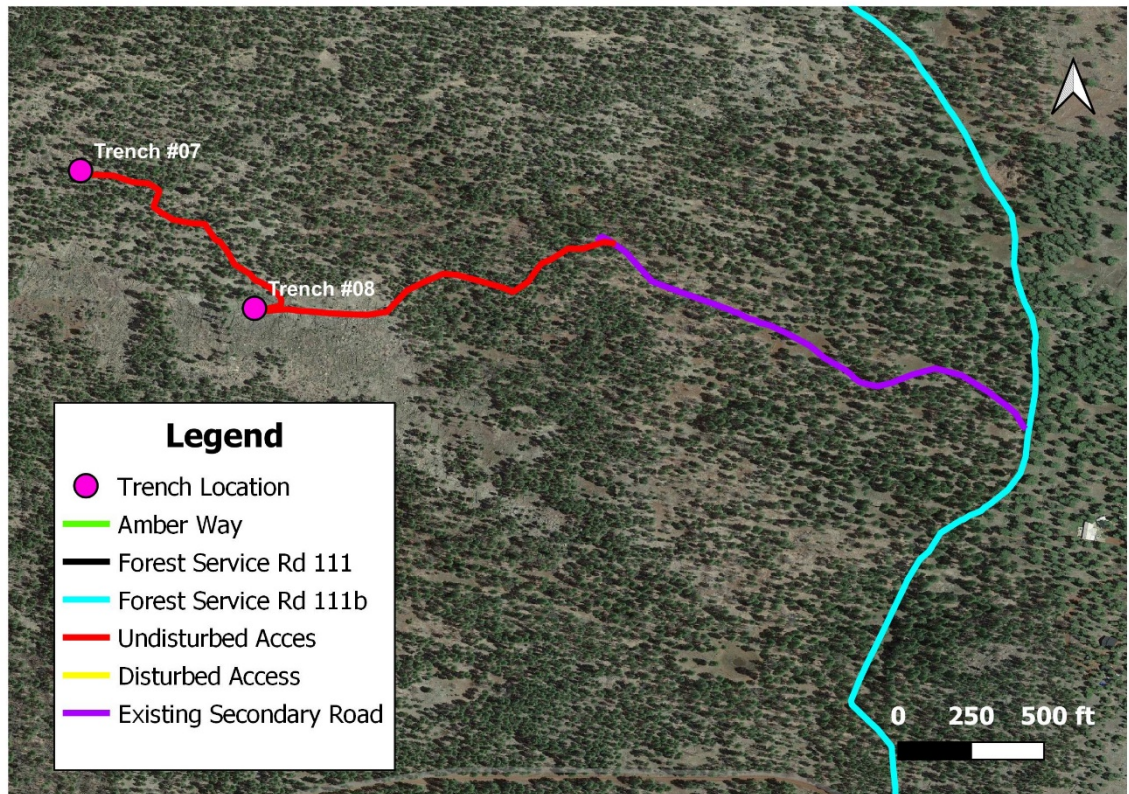














## 5. Cat 420F Backhoe

