

Western Route
R1-4

HUMBOLDT COUNTY DEPARTMENT OF PUBLIC WORKS
ROAD EVALUATION REPORT

PART A: Part A may be completed by the applicant

Applicant Name: Fantastic Gardens Humboldt, INC. APN: 210-144-012

Planning & Building Department Case/File No.: 11795

Road Name: Burr Valley Road (complete a separate form for each road)

From Road (Cross street): HWY 36

To Road (Cross street): UNN 1

Length of road segment: 6.96 miles Date Inspected 12/12/18

Road is maintained by: County Other Private
(State, Forest Service, National Park, State Park, BLM, Private, Tribal, etc)

Check one of the following:

Box 1 The entire road segment is developed to Category 4 road standards (20 feet wide) or better. If checked, then the road is adequate for the proposed use without further review by the applicant.

Box 2 The entire road segment is developed to the equivalent of a road category 4 standard. If checked, then the road is adequate for the proposed use without further review by the applicant.

An equivalent road category 4 standard is defined as a roadway that is generally 20 feet in width, but has pinch points which narrow the road. Pinch points include, but are not limited to, one-lane bridges, trees, large rock outcroppings, culverts, etc. Pinch points must provide visibility where a driver can see oncoming vehicles through the pinch point which allows the oncoming vehicle to stop and wait in a 20 foot wide section of the road for the other vehicle to pass.

Box 3 The entire road segment is not developed to the equivalent of road category 4 or better. The road may or may not be able to accommodate the proposed use and further evaluation is necessary. Part B is to be completed by a Civil Engineer licensed by the State of California.

The statements in PART A are true and correct and have been made by me after personally inspecting and measuring the road.


Signature

2/18/19
Date

Praj White
Name Printed

HUMBOLDT COUNTY DEPARTMENT OF PUBLIC WORKS
ROAD EVALUATION REPORT

Western Route
Pg. 3-4

PART A: Part A may be completed by the applicant

Applicant Name: Fantastic Gardens Humboldt, INC. APN: 210-144-012

Planning & Building Department Case/File No.: 11795

Road Name: UNN 1 (complete a separate form for each road)

From Road (Cross street): Burr Valley Road

To Road (Cross street): UNN 2

Length of road segment: 0.87 miles Date Inspected 12/12/18

Road is maintained by: County Other Private
(State, Forest Service, National Park, State Park, BLM, Private, Tribal, etc)

Check one of the following:

Box 1 The entire road segment is developed to Category 4 road standards (20 feet wide) or better. If checked, then the road is adequate for the proposed use without further review by the applicant.

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The statements in PART A are true and correct and have been made by me after personally inspecting and measuring the road.

Signature 
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Name Printed

2/18/19

Date

HUMBOLDT COUNTY DEPARTMENT OF PUBLIC WORKS
ROAD EVALUATION REPORT

Unnamed Road
PS 1-2

PART A: Part A may be completed by the applicant

Applicant Name: Fantastic Gardens Humboldt, INC. APN: 210-144-012

Planning & Building Department Case/File No.: 11795

Road Name: UNN 2 (complete a separate form for each road)

From Road (Cross street): Unnamed Road 2 / UNN 1

To Road (Cross street): Subject Parcel

Length of road segment: 1.35 miles Date Inspected 12/12/18

Road is maintained by: County Other Private
(State, Forest Service, National Park, State Park, BLM, Private, Tribal, etc)

Check one of the following:

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Signature

Praj White

Name Printed

2/18/19

Date

HUMBOLDT COUNTY DEPARTMENT OF PUBLIC WORKS
ROAD EVALUATION REPORT

Eastern Route
PS 7-8

PART A: Part A may be completed by the applicant

Applicant Name: Fantastic Gardens Humboldt, INC. APN: 210-144-012

Planning & Building Department Case/File No.: 11795

Road Name: Unnamed Road 2 (complete a separate form for each road)

From Road (Cross street): Unnamed Road 1

To Road (Cross street): UNN 2

Length of road segment: 1.37 miles Date Inspected 12/12/18

Road is maintained by: County Other Private
(State, Forest Service, National Park, State Park, BLM, Private, Tribal, etc)

Check one of the following:

Box 1 The entire road segment is developed to Category 4 road standards (20 feet wide) or better. If checked, then the road is adequate for the proposed use without further review by the applicant.

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2/18/19

Date

Signature
Praj White

Name Printed

HUMBOLDT COUNTY DEPARTMENT OF PUBLIC WORKS
ROAD EVALUATION REPORT

Eastern Route
Pg 5-8

PART A: Part A may be completed by the applicant

Applicant Name: Fantastic Gardens Humboldt, INC. APN: 210-144-012

Planning & Building Department Case/File No.: 11795

Road Name: Unnamed Road 1 (complete a separate form for each road)

From Road (Cross street): FR1N08

To Road (Cross street): Unnamed Road 2

Length of road segment: 1.37 miles Date Inspected 12/12/18

Road is maintained by: County Other Private
(State, Forest Service, National Park, State Park, BLM, Private, Tribal, etc)

Check one of the following:


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Signature

2/18/19

Date

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Name Printed

HUMBOLDT COUNTY DEPARTMENT OF PUBLIC WORKS
ROAD EVALUATION REPORT

Eastern Route
Pg. 3-8

PART A: Part A may be completed by the applicant

Applicant Name: Fantastic Gardens Humboldt, INC. APN: 210-144-012

Planning & Building Department Case/File No.: 11795

Road Name: FR1N08 (complete a separate form for each road)

From Road (Cross street): FR1N10

To Road (Cross street): Unnamed Road 1

Length of road segment: 5.32 miles Date Inspected 12/12/18

Road is maintained by: County Other Forest Service

(State, Forest Service, National Park, State Park, BLM, Private, Tribal, etc)

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The statements in PART A are true and correct and have been made by me after personally inspecting and measuring the road.

Signature

Praj White

Name Printed

2/18/19

Date

HUMBOLDT COUNTY DEPARTMENT OF PUBLIC WORKS
ROAD EVALUATION REPORT

Eastern Route
Pg. 1-8

PART A: Part A may be completed by the applicant

Applicant Name: Fantastic Gardens Humboldt, INC. APN: 210-144-012

Planning & Building Department Case/File No.: 11795

Road Name: FR1N10 (complete a separate form for each road)

From Road (Cross street): HWY 36

To Road (Cross street): FR1N08

Length of road segment: 4.72 miles Date Inspected 12/12/18

Road is maintained by: County Other Forest Service
(State, Forest Service, National Park, State Park, BLM, Private, Tribal, etc)

Check one of the following:

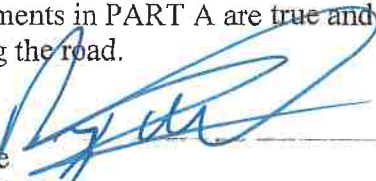
Box 1 The entire road segment is developed to Category 4 road standards (20 feet wide) or better. If checked, then the road is adequate for the proposed use without further review by the applicant.

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The statements in PART A are true and correct and have been made by me after personally inspecting and measuring the road.

Signature 

2/18/19
Date

Praj White
Name Printed



NorthPoint Consulting Group, Inc.
P.O. Box 44
Eureka, CA 95502
(707) 798-6438

February 18, 2019

Humboldt County Department of Public Works
531 K St. Eureka, CA 95501

RE: Fantastic Gardens Humboldt, INC. Road Evaluation Report
APN: 210-144-012
App# 11795

Burr Valley Road, FR 1N10, FR 1N08 along with unnamed and private roads provide access for numerous property owners in the Burr Valley and Sway Back Ridge area and are classified as *very low-volume local roads*. The American Association of State Highways and Transportation Officials (AASHTO, 2001) defines a *very low-volume local road* as a road that is functionally classified as a local road and has a design average daily traffic volume (ADT) of 400 vehicles per day or less.

This Road Evaluation Report summarizes the evaluation of the routes that lead to the subject parcel. The routes consist of multiple roads. (See Exhibit 1 for a map of the routes, and for a map of the roads that make up each route). Each route was evaluated separately, and the summaries of the evaluations are presented separately. This report summary is comprised of the following Exhibits:

- Exhibit 1: Map of Routes
 - Eastern Route & Western Route Overview
 - Eastern Route Map
 - Western Route Map
- Exhibit 2: Road Evaluation Summary
- Exhibit 3: Road Evaluation Photographs

Road Points (RPs) were located along each route, leading to the subject parcel. RPs are defined as interest points along the subject roads; locations of pinch points, locations of sight distance restrictions, stream crossings or intersections. The road widths were measured, photos were taken, and recommendations were prescribed at each Road Point. The recommendations are based on whether the RPs pose a site-specific problem. See Exhibit 3: Road Evaluation Photographs for photos of each RP. The photos also contain indication of the location of any remediation/treatment, if any were recommended for that corresponding RP.

In conclusion, the roads leading to the subject parcels need only minor modifications to accommodate the increased traffic due to Fantastic Gardens Humboldt's proposed project. Minor modifications are summarized in Tables 2 and 3, in Exhibit 2.

If you have any questions, please contact me at (707) 798-6438.

Sincerely,



Praj White, P.E.



Exhibit 1: Road Route Map

antastic Gardens Humboldt
PN: 210-144-012
PPS# 11795

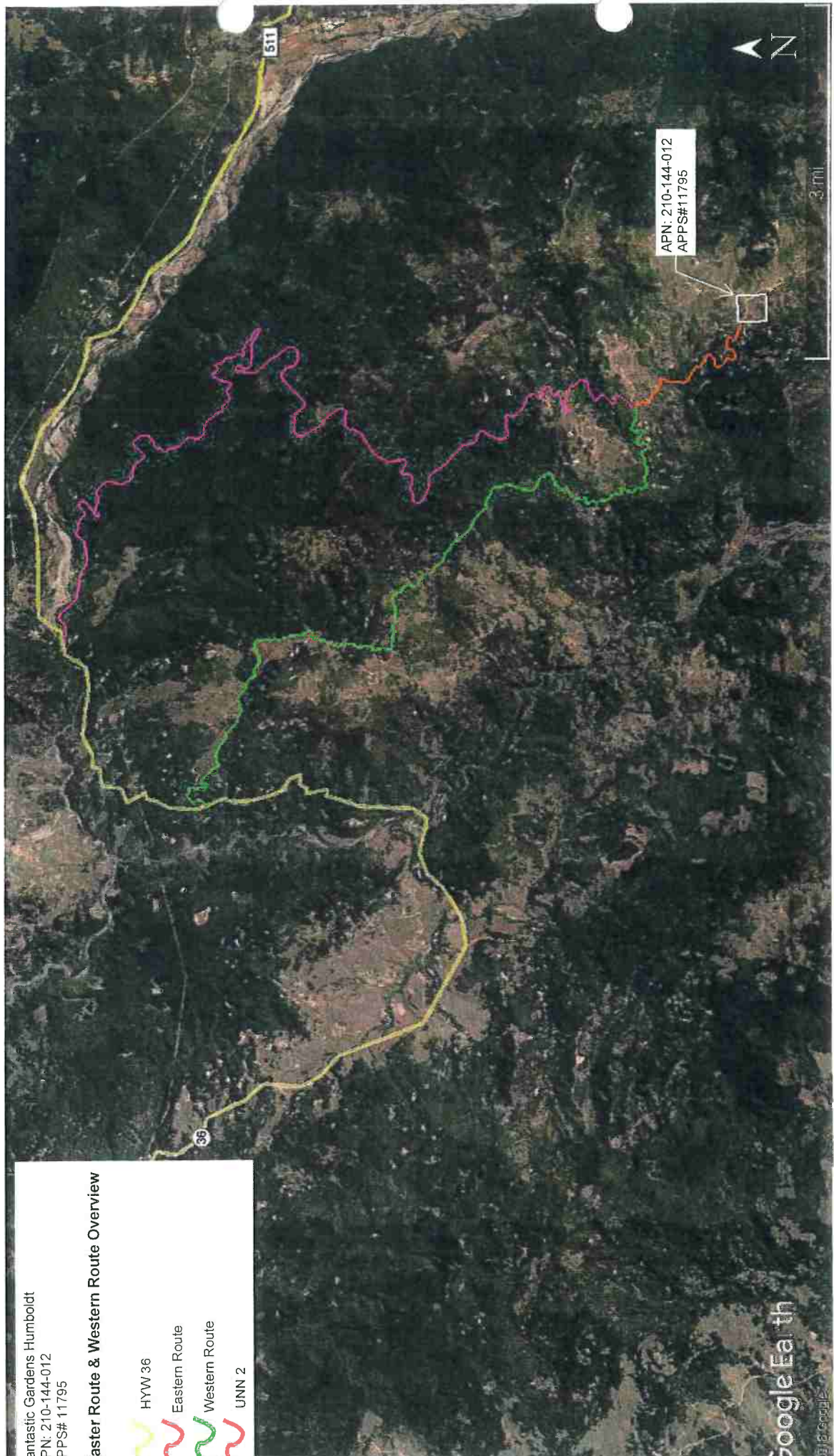
Eastern Route & Western Route Overview

HYW 36

Eastern Route




Western Route

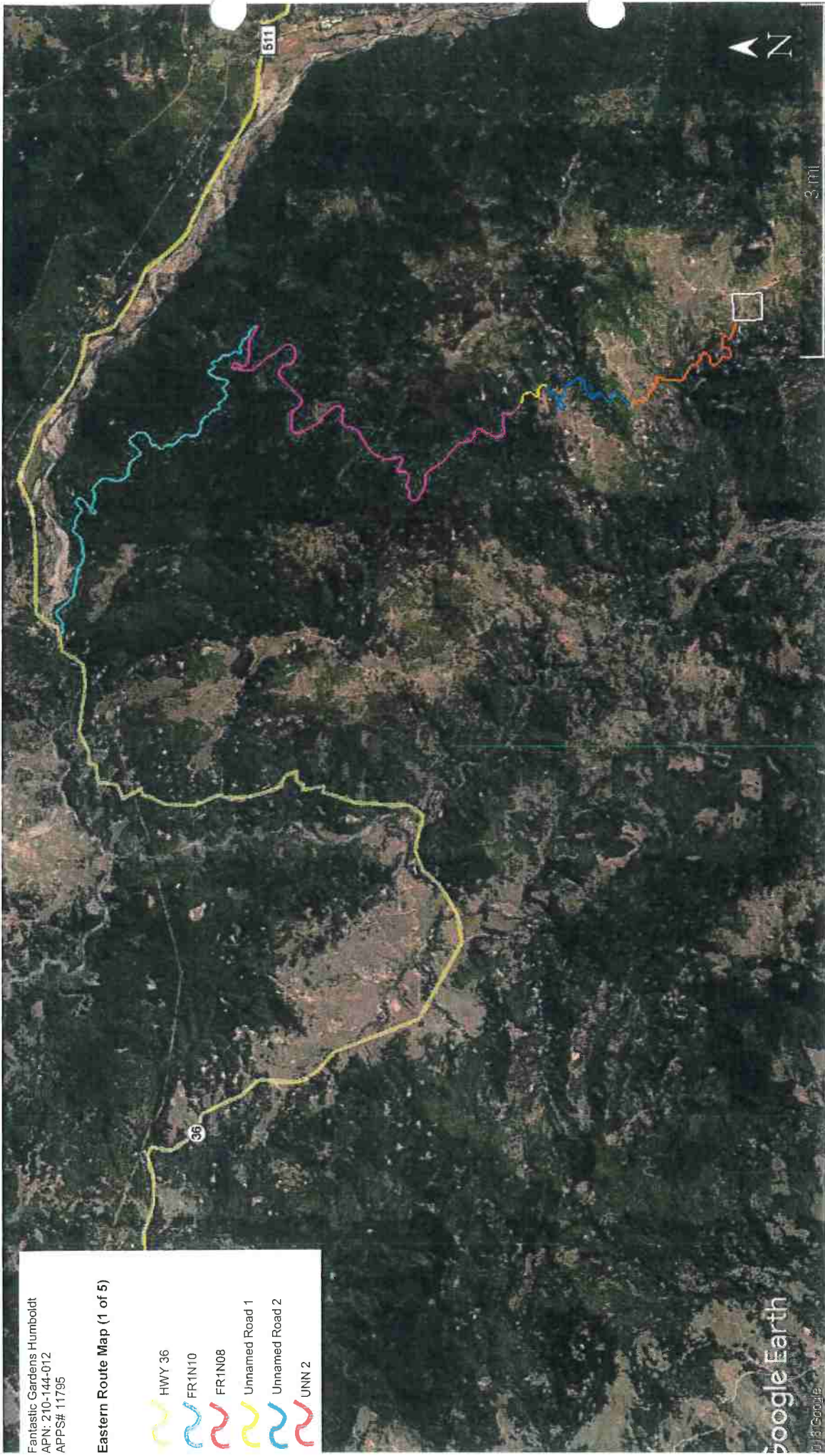
UNN 2



Fantastic Gardens Humboldt
APN: 210-144-012
APPS# 11795

Eastern Route Map (1 of 5)

-  HWY 36
-  FR1N10
-  FR1N08
-  Unnamed Road 1
-  Unnamed Road 2
-  UNN 2



Fantastic Gardens Humboldt
APN: 210-144-012
APPS# 11795

Eastern Route Map (2 of 5)

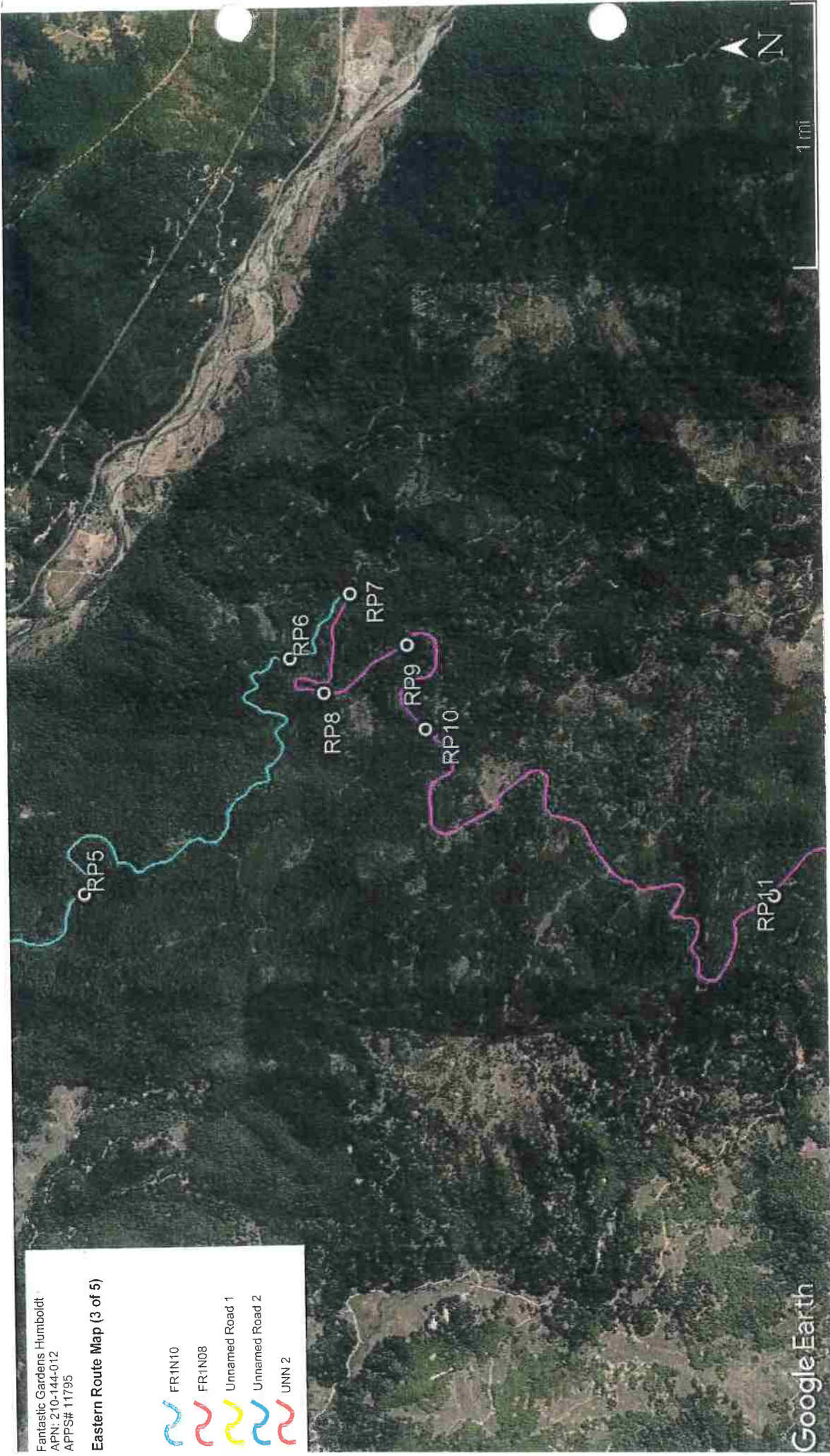
-  FR1N10
-  FR1N08
-  Unnamed Road 1
-  Unnamed Road 2
-  UNN 2



Fantastic Gardens Humboldt
APN: 210-144-012
APPS# 11795



Eastern Route Map (3 of 5)

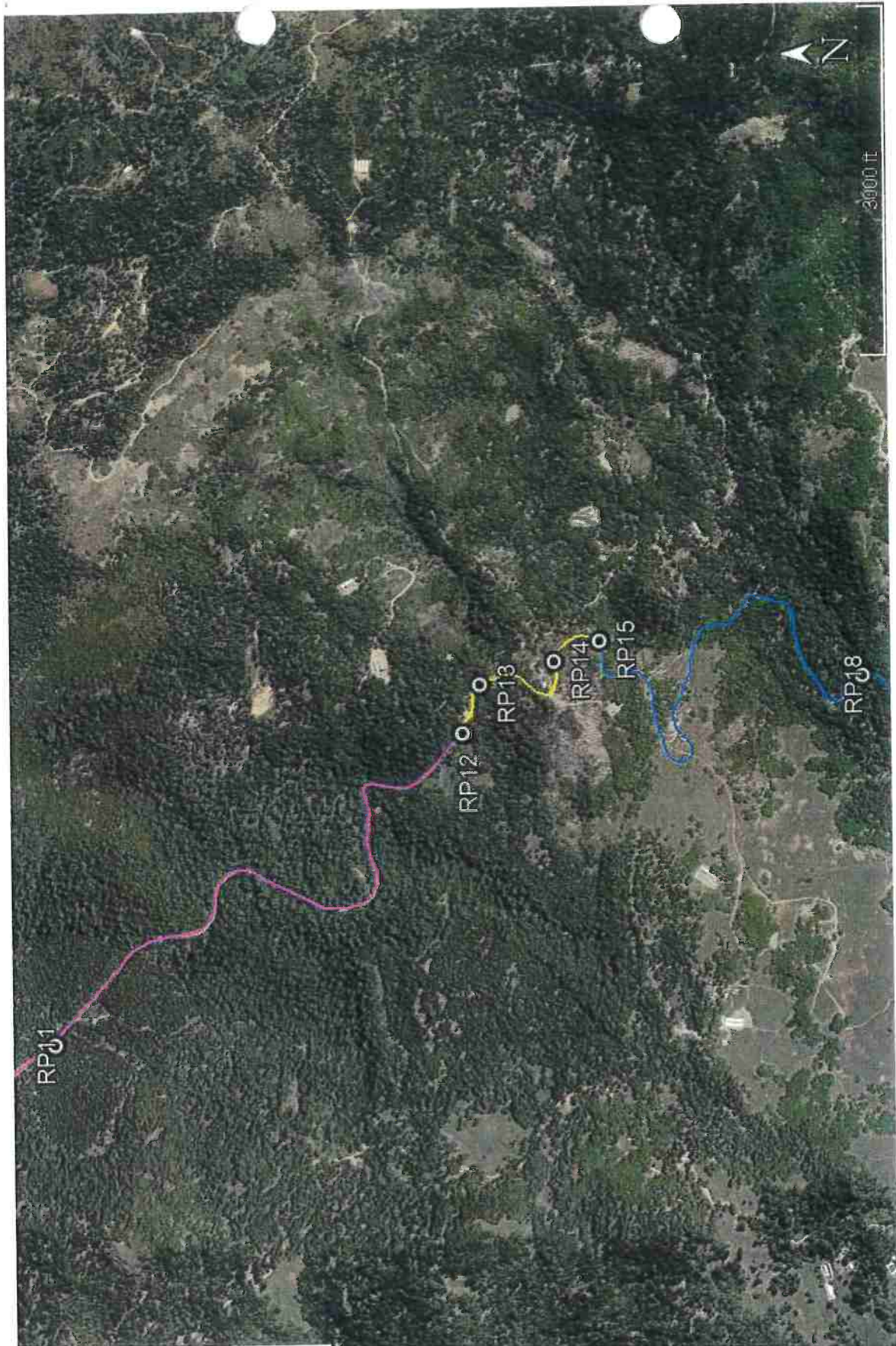
-  FR1N10
-  FR1N08
-  Unnamed Road 1
-  Unnamed Road 2
-  UNN 2



Fantastic Gardens Humboldt
APN: 210-144-012
APPS# 11795

Eastern Route Map (4 of 5)

-  FR1N10
-  FR1N08
-  Unnamed Road 1
-  Unnamed Road 2
-  UNN 2



Fantastic Gardens Humboldt
APN: 210-144-012
APPS# 11795

Eastern Route Map (5 of 5)

- FR1N10
- FR1N08
- Unnamed Road 1
- Unnamed Road 2
- UNN 2

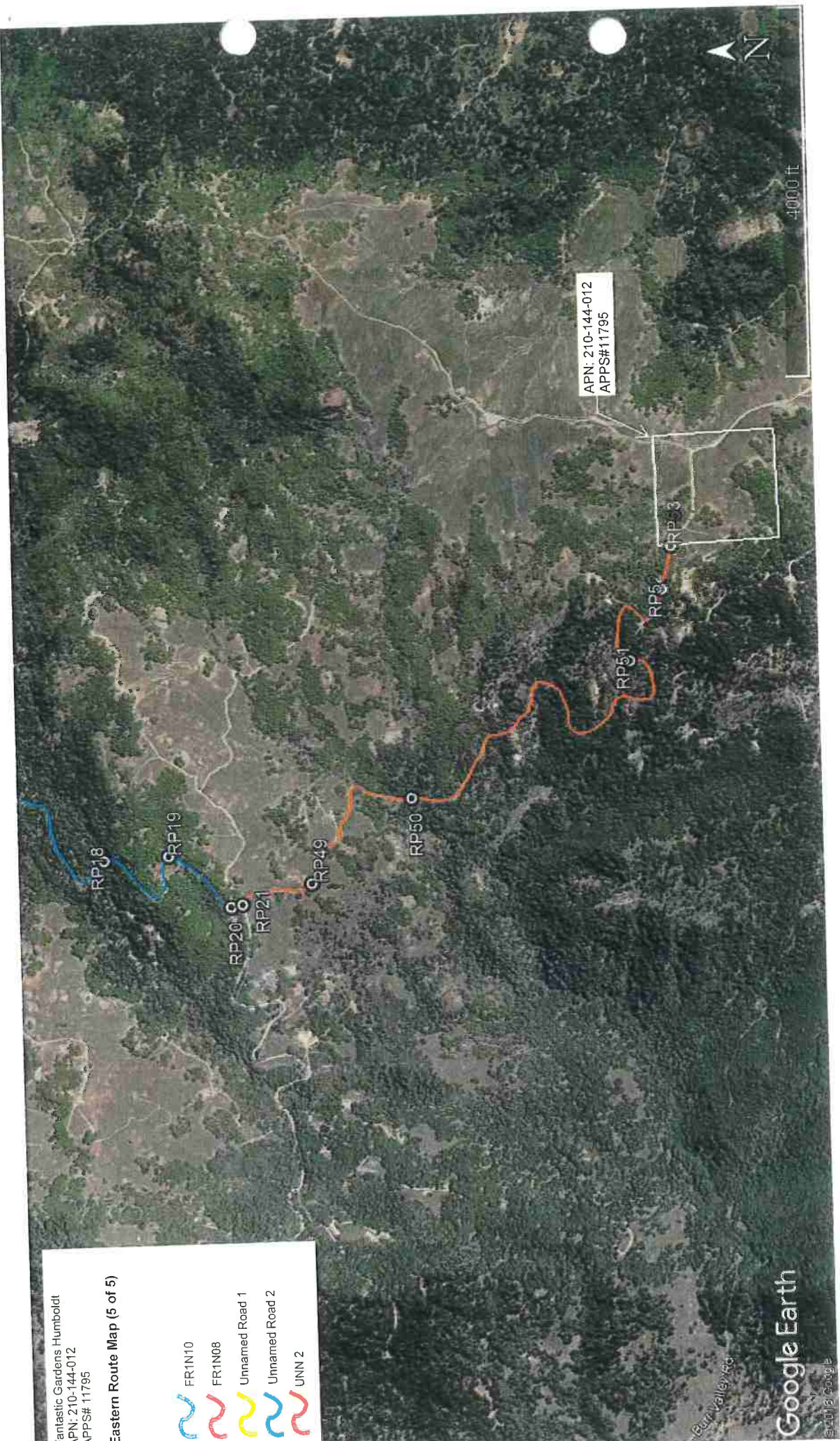
APN: 210-144-012
APPS#11795

Google Earth

© 2013 Google



4000 ft



Fantastic Gardens Humboldt
APN: 210-144-012
APPS# 11795

Western Route Map (1 of 7)

HWY 36

Burr Valley Rd

UNN 1

UNN 2



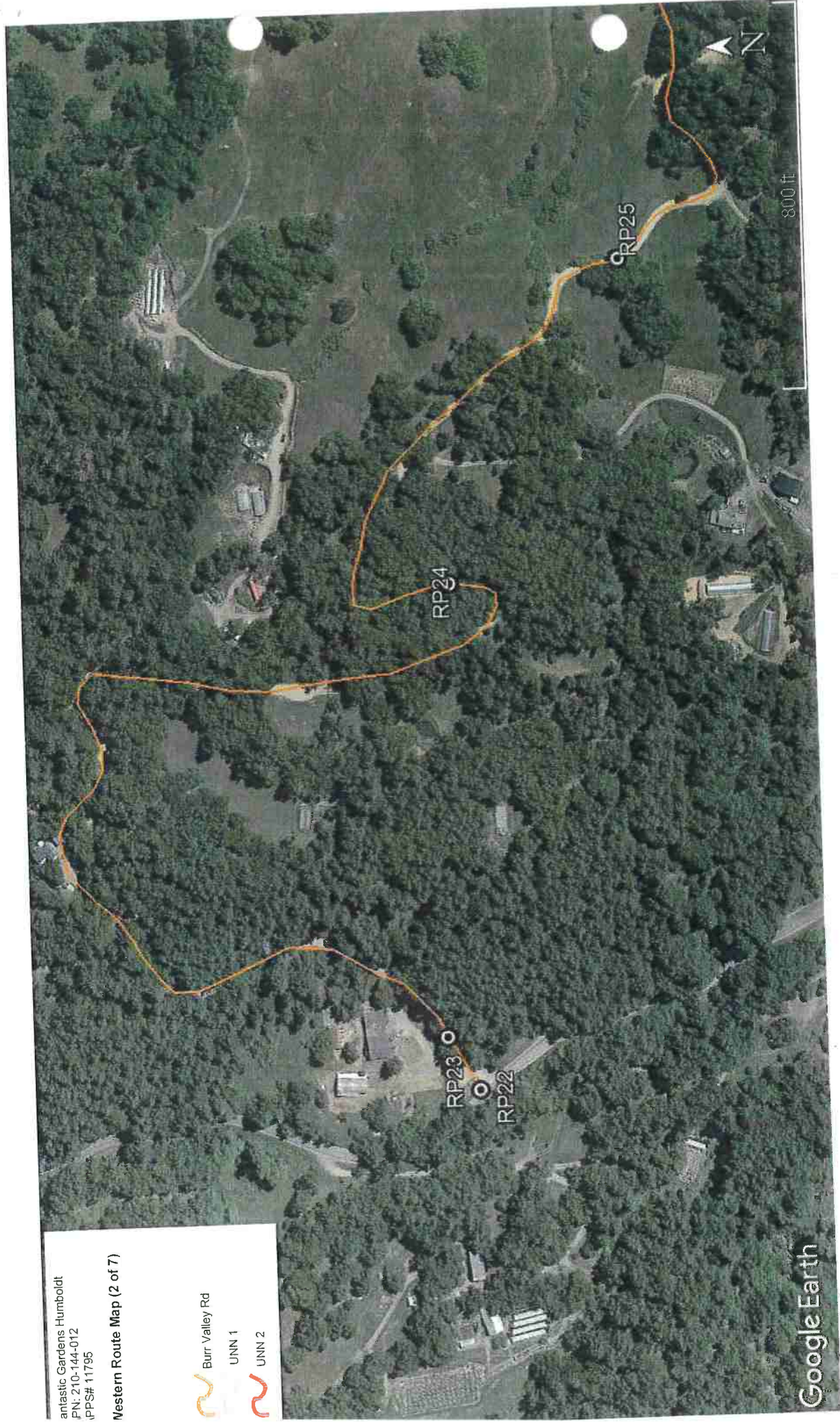
Google Earth

©2013 Google



antastic Gardens Humboldt
PN: 210-144-012
PPS# 11795

Western Route Map (2 of 7)



Google Earth

Fantastic Gardens Humboldt
APN: 210-144-012
APPS# 11795

Western Route Map (3 of 7)



3000 ft

Google Earth

Fantastic Gardens Humboldt
AFN: 210-144-012
APPS# 11795

Western Route Map (4 of 7)



Burr Valley Rd

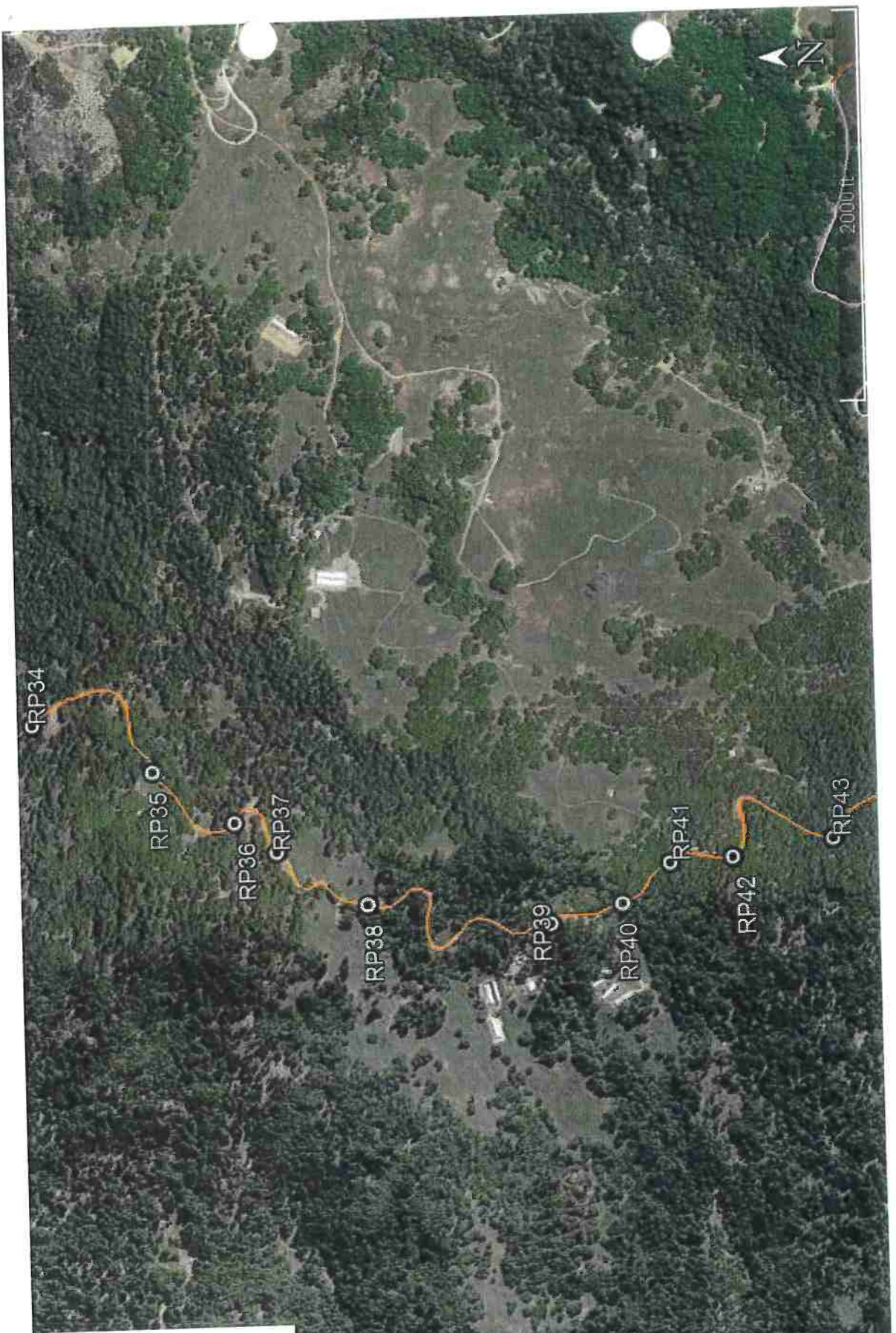
UNN 1

UNN 2



Fantastic Gardens Humboldt
APN: 210-144-012
APPS# 11795

Western Route Map (5 of 7)



Fantastic Gardens Humboldt
APN: 210-144-012
APPS# 11795

Western Route Map (6 of 7)

Burr Valley Rd
UNN 1
UNN 2



Google Earth

Fantastic Gardens Humboldt
APN: 210-144-012
APPS# 11795

Western Route Map (7 of 7)

Burr Valley Rd
UNN 1
UNN 2



Exhibit 2: Road Evaluation Summary



APNs: 210-144-012
 APPS# 11795

This Road Evaluation Summary describes the routes that are used to access the subject parcel, APN: 210-144-012. The subject parcel is located off a gravel road, UNN 2, which can be access via two (2) routes leading off from State Highway 36, Eastern Route and Western Route. Table 1 below outlines the two routes and UNN 2, describing their lengths, associated Road Points, number of adjoining parcels and the estimated Average Daily Traffic (ADT). See the attached maps for details of each route that is used to access the parcel and locations of Road Points.

Table 1: Description of Routes used to access subject parcel.

Route	Roads	Length (mi.)	Start RP	End RP	Adjoining Parcels	Estimated ADT
Eastern Route	HWY 36	N/A	N/A	RP1	N/A	N/A
	1N10	4.72	RP1	RP7	7	28
	1N08	5.32	RP7	RP12	4	16
	Unnamed Road 1	0.37	RP12	RP15	3	12
	Unnamed Road 2	1.37	RP15	RP21	7	28
Total:						84
Western Route	HYW 36	N/A	N/A	RP22	N/A	N/A
	Burr Valley Rd.	6.96	RP22	RP45	33	116
	UNN 1	0.87	RP45	RP21	4	16
Total:						132
UNN 2	-	1.35	RP21	RP53 (Parcel)	5	20
Total:						20

Tables 2 and 3 below contain a description of the Road Points, Latitude and Longitude, and the measured road width of each RP along the subject section of road. The tables also describe if there is a turn out present within appropriate distance to the RPs, and the recommended prescription for each RP. See Exhibit 3: Road Evaluation Photographs for photos of each RP. The photos also contain indication of the location of any remediation/treatment, if any were recommended for that corresponding RP. Not including the RPs, all other sections of the subject road are at least 20 feet in width, do not restrict visibility and do not pose a site-specific problem.

Exhibit 3: Road Evaluation Photographs

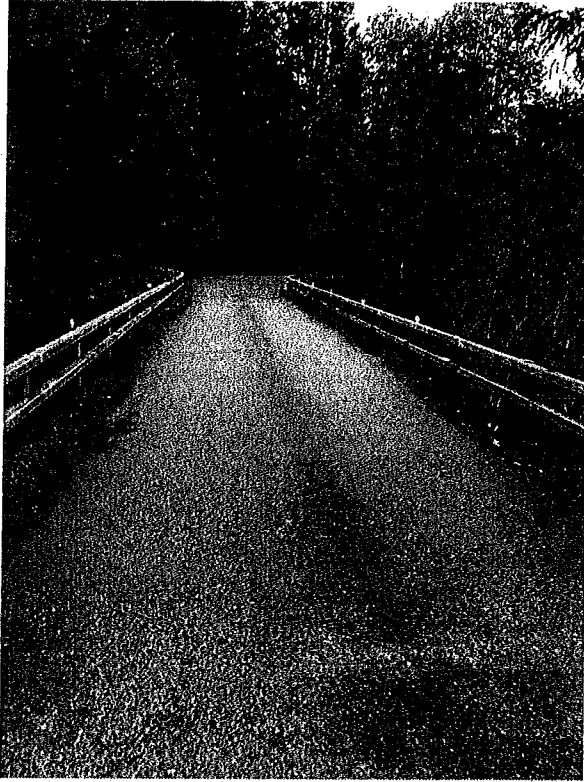


Figure 1: RP4

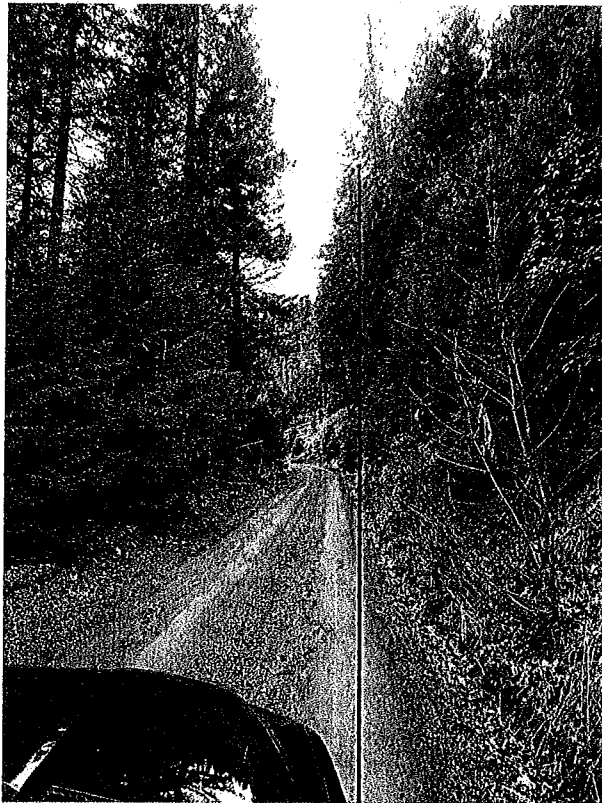


Figure 2: RP8

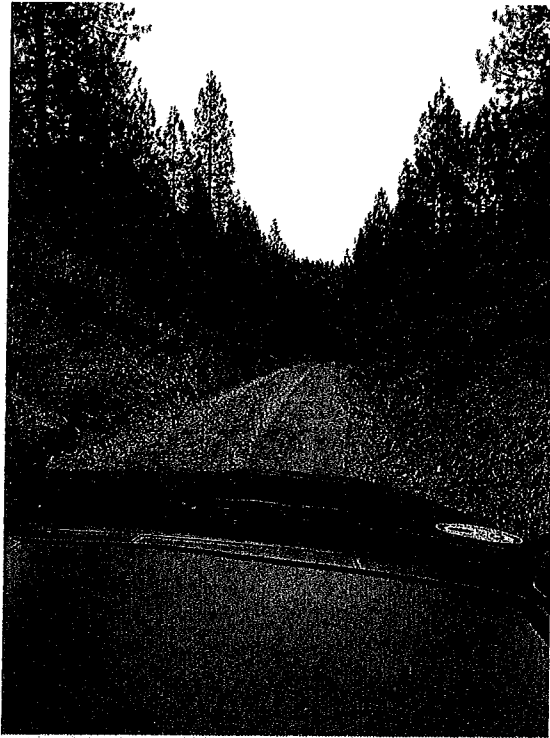


Figure 5: RP11

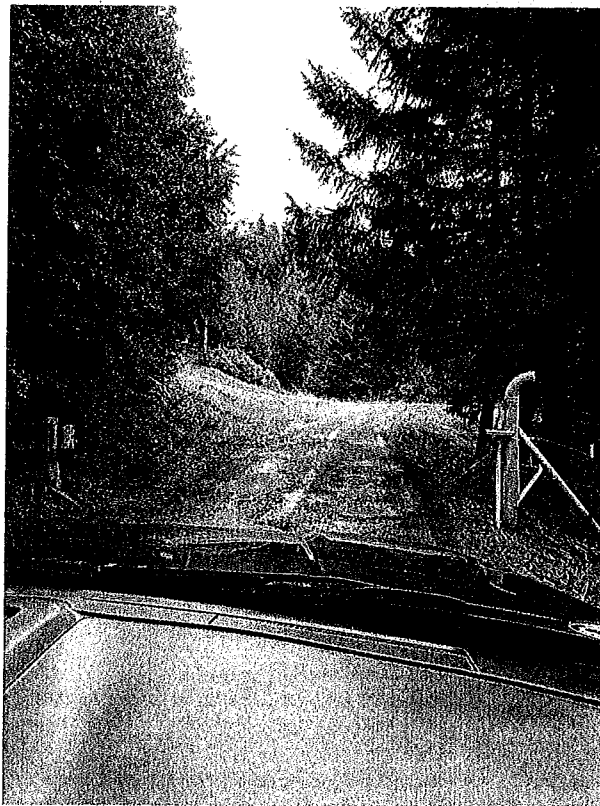


Figure 6: RP12

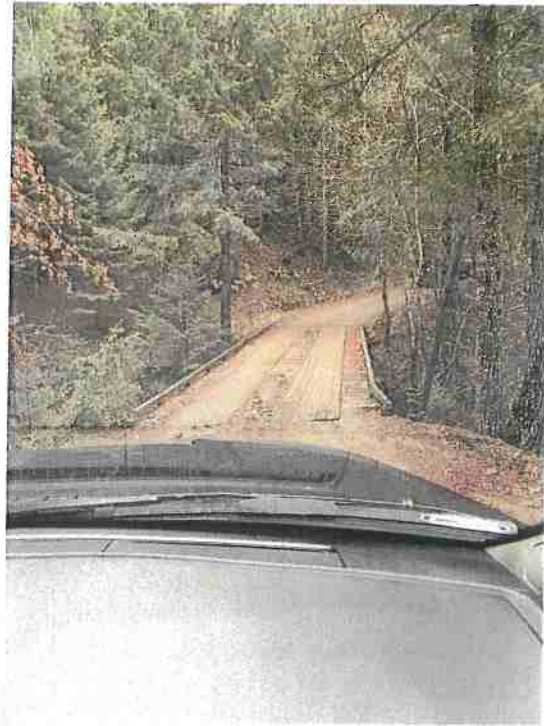


Figure 9: RP18



Figure 10: RP19

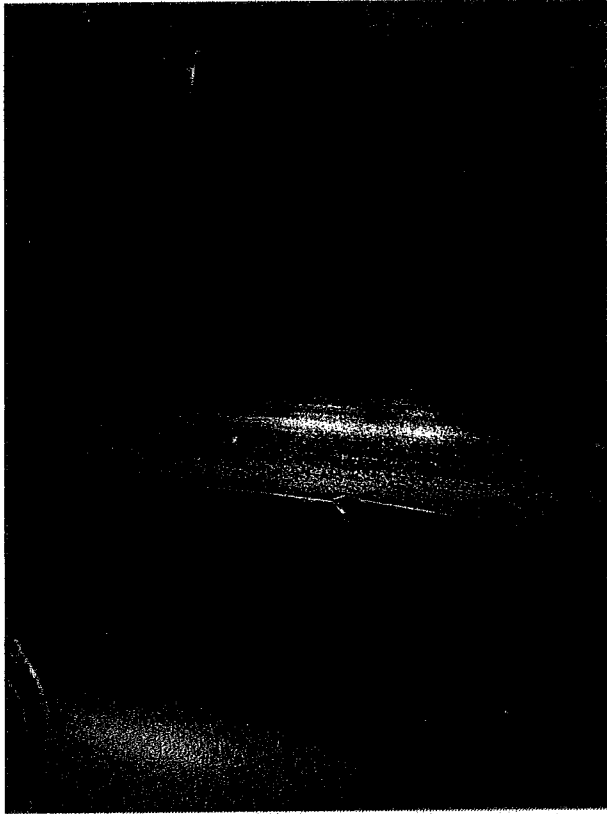


Figure 13: RP22

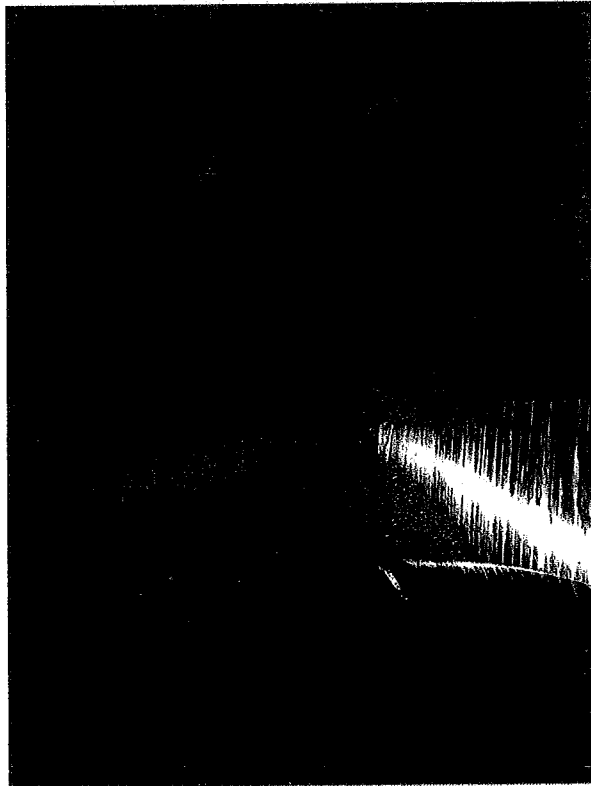


Figure 14: RP23

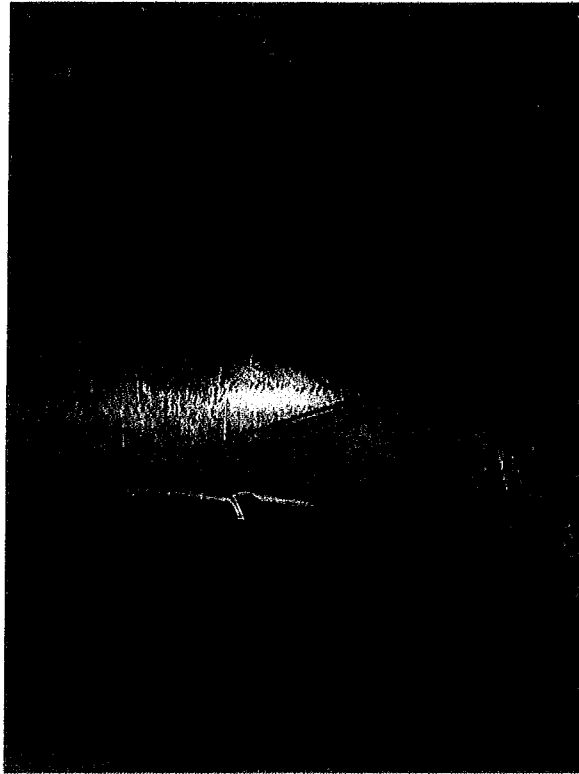


Figure 17: RP26

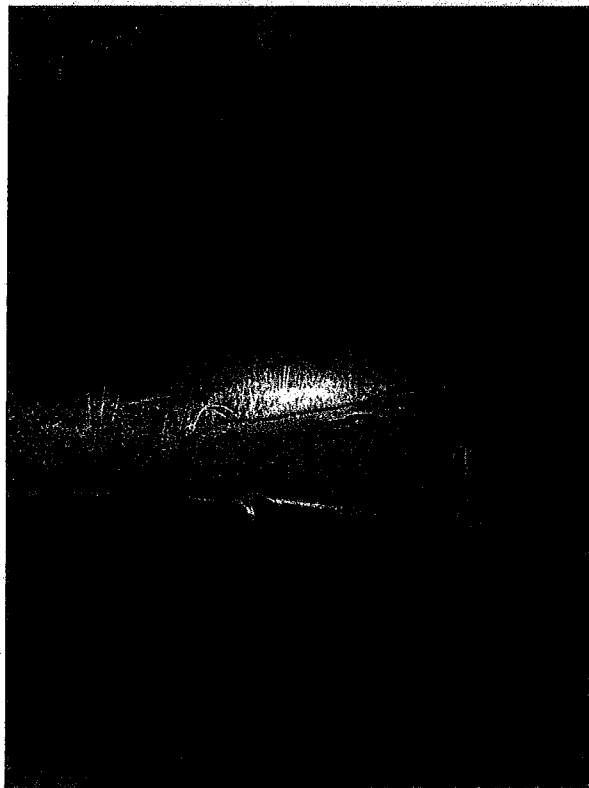


Figure 18: RP27

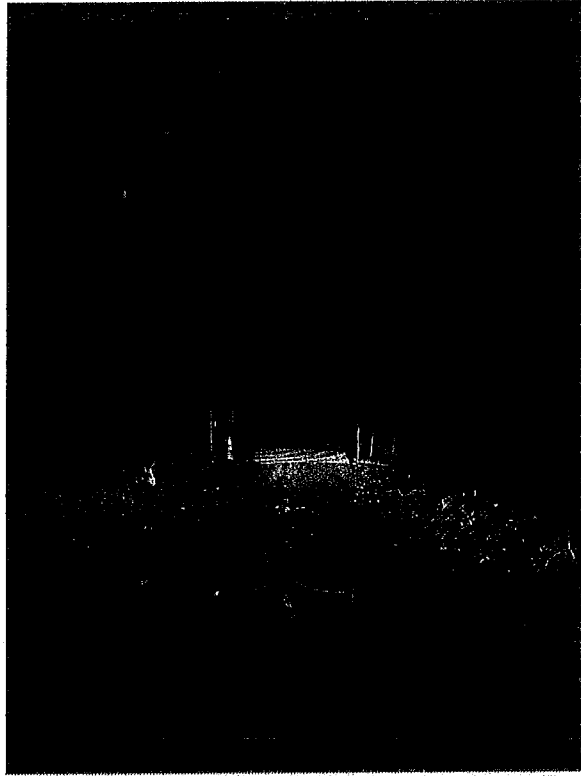


Figure 21: RP30



Figure 22: RP31

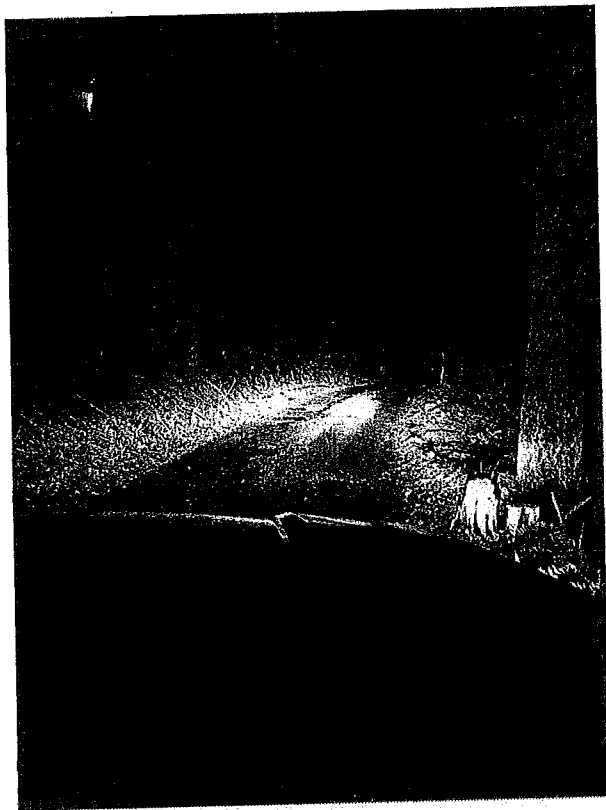


Figure 25: RP34

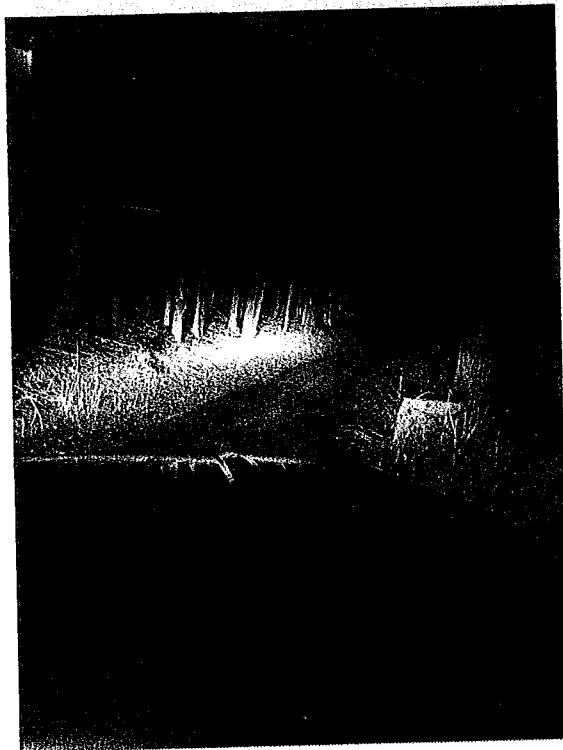


Figure 26: RP35

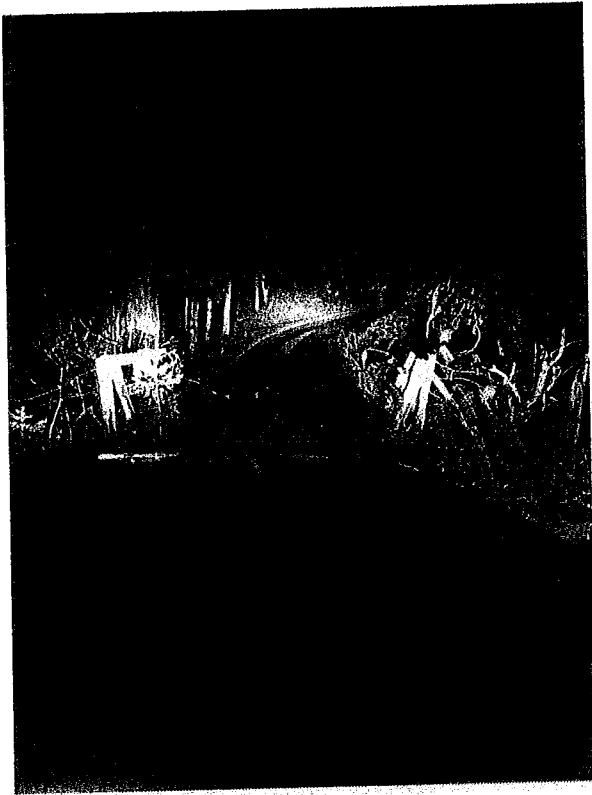


Figure 29: RP38

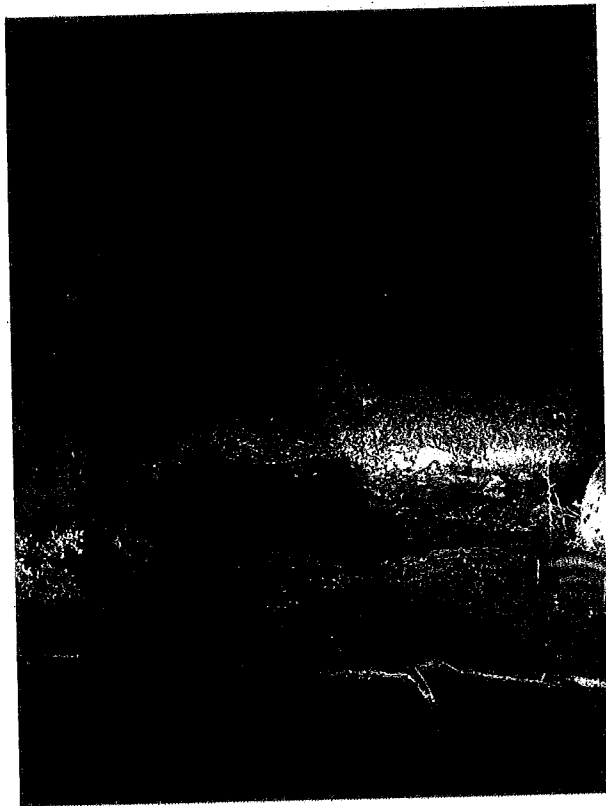


Figure 30: RP39

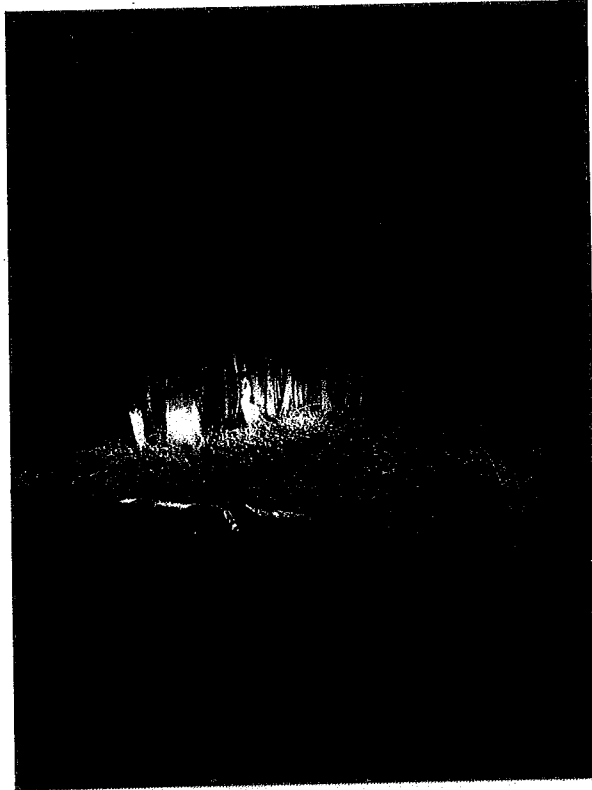


Figure 33: RP42

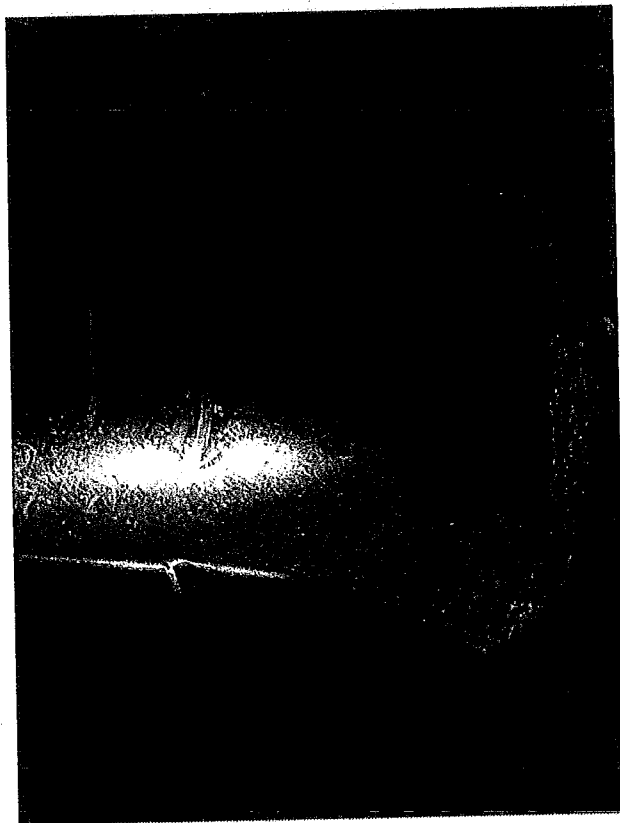


Figure 34: RP43

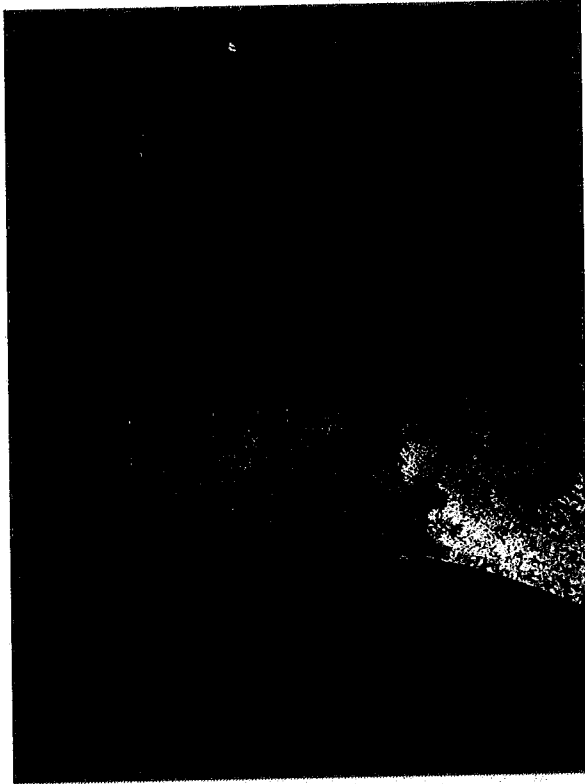


Figure 37: RP46

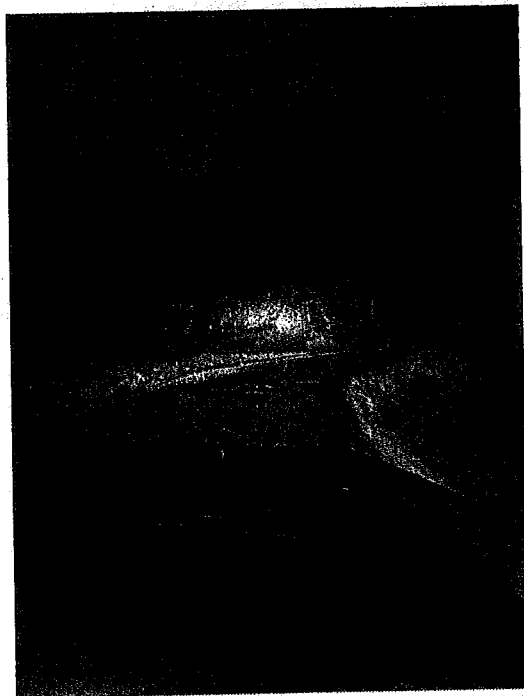


Figure 38: RP47



Figure 41: RP50

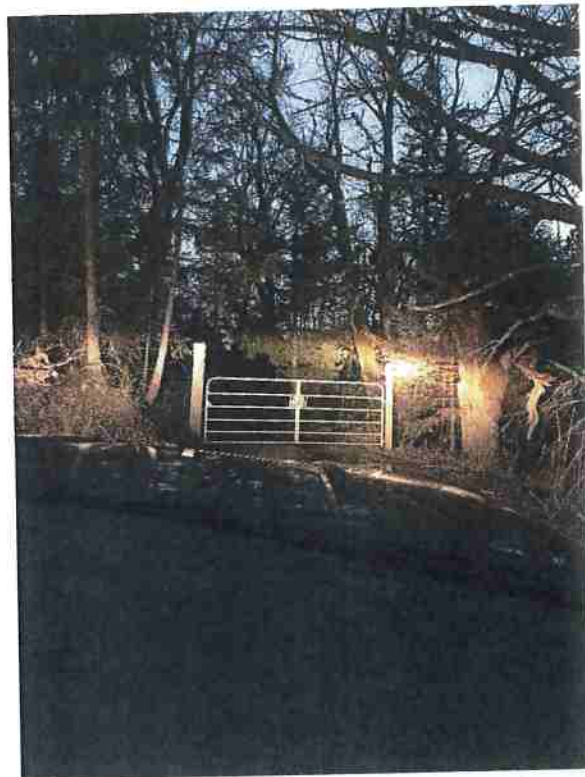


Figure 42: RP52