

DOCKETED

Docket Number:	24-OPT-01
Project Title:	Perkins Renewable Energy Project
TN #:	256713
Document Title:	Appendix J4 CNDDDB Figures - Reptiles
Description:	Figures showing survey data and CNDDDB data for reptiles
Filer:	Emily Capello
Organization:	Panorama Environmental, Inc.
Submitter Role:	Applicant Consultant
Submission Date:	6/5/2024 8:42:47 PM
Docketed Date:	6/6/2024

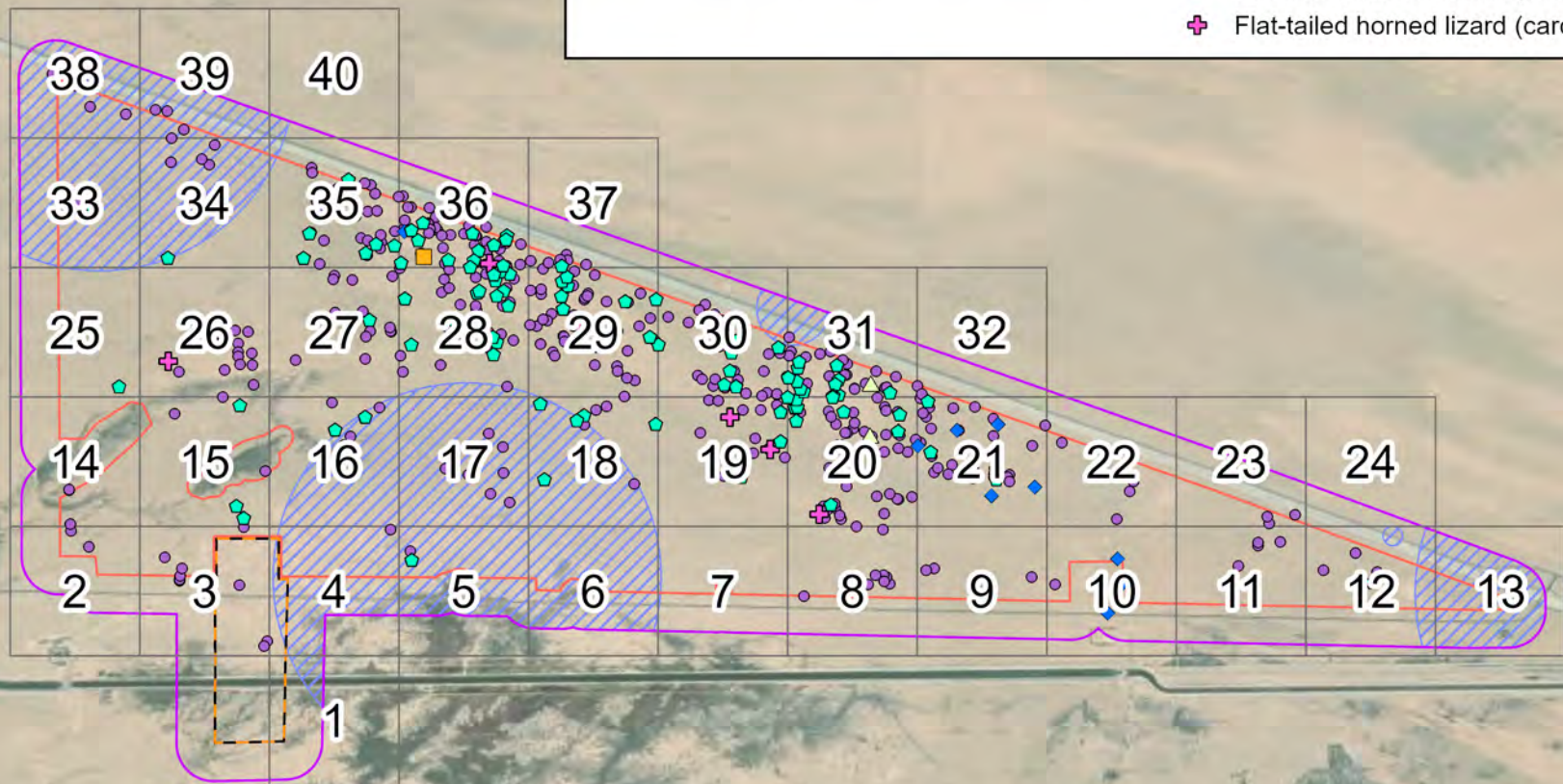
Appendix J.4 Confidential Biological Resources Figures Part 3

Live Individual

- Flat-tailed horned lizard (live individual)
- Colorado Fringe-Toed Lizard (live individual)

Sign

- Colorado Fringe-Toed Lizard (tracks)
- Flat-tailed horned lizard (forage - ant hill)
- Flat-tailed horned lizard (scat or tracks)
- Flat-tailed horned lizard (carcass)



CNDDDB version 01/2024. The occurrences shown on this map represent the known locations of the species listed here as of the date of this version. There may be additional occurrences or additional species within this area which have not yet been surveyed and/or mapped. Lack of information in the CNDDDB about a species or an area can never be used as proof that no special status species occur in an area. This applies to all subsequent scaled figures that follow.

0 1

Miles
Scale: 1:60,000



Ironwood
Consulting

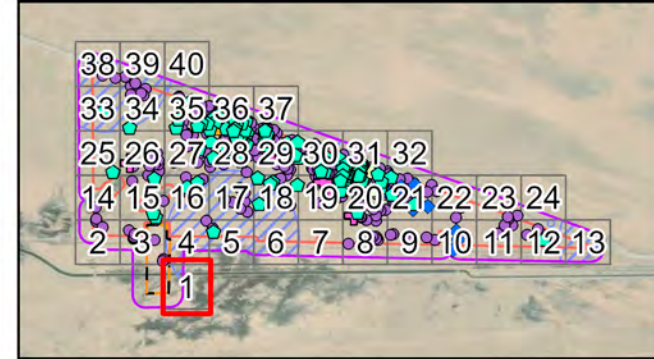
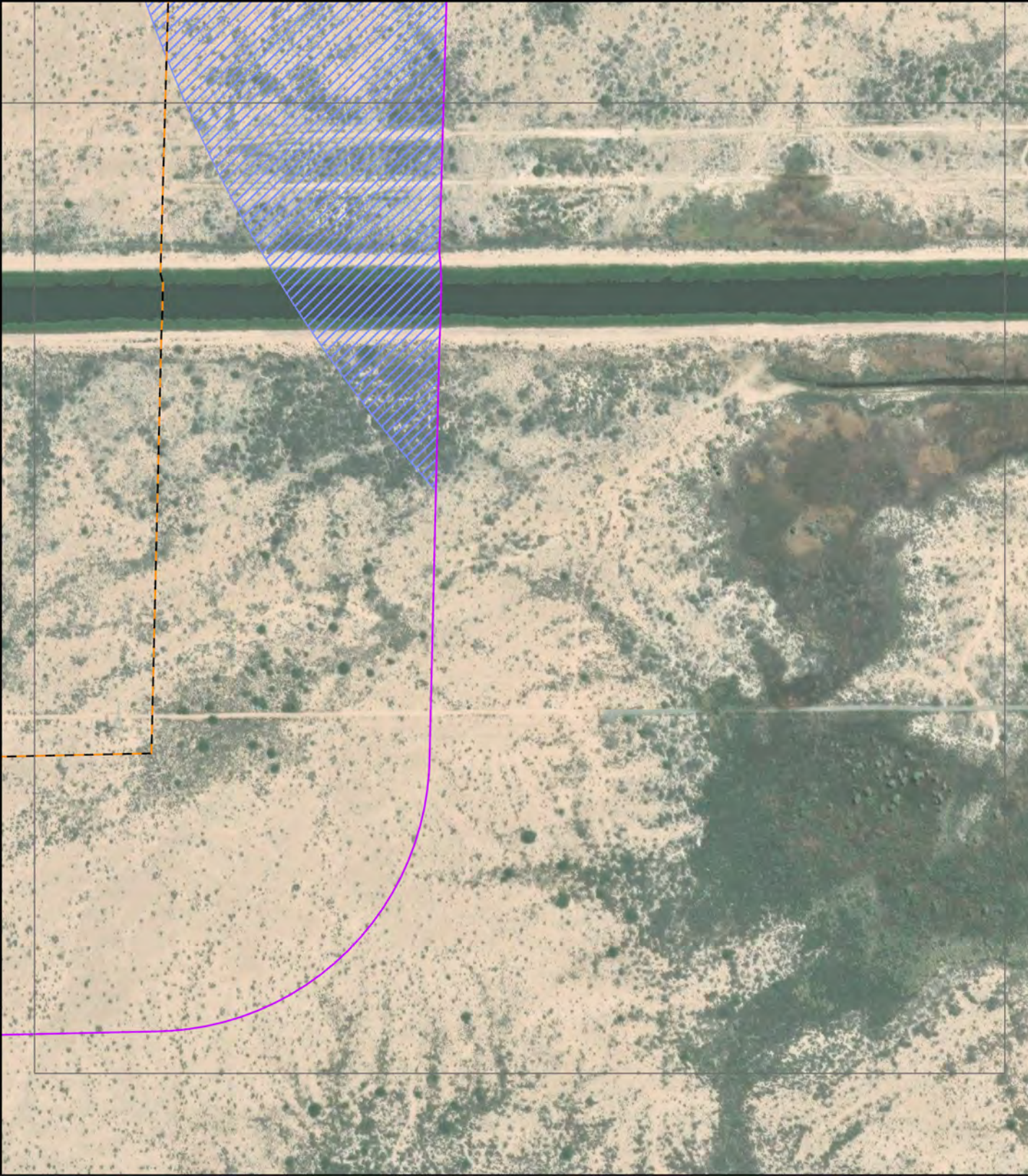
- Gen-Tie Corridor
- Proposed Project Fence Line
- 1000 Ft Buffer From Proposed Project Fence Line

CNDDDB Data

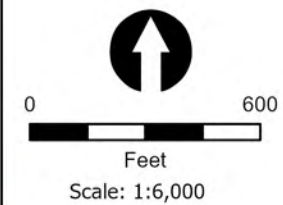
flat-tailed horned lizard (*Phrynosoma mcallii*)

Noteworthy Reptile
Observations Overview

Perkins CEC



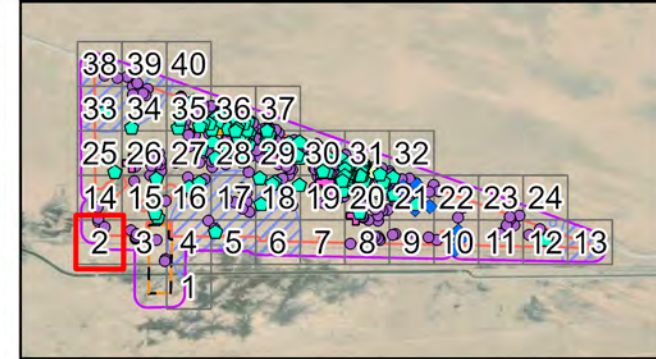
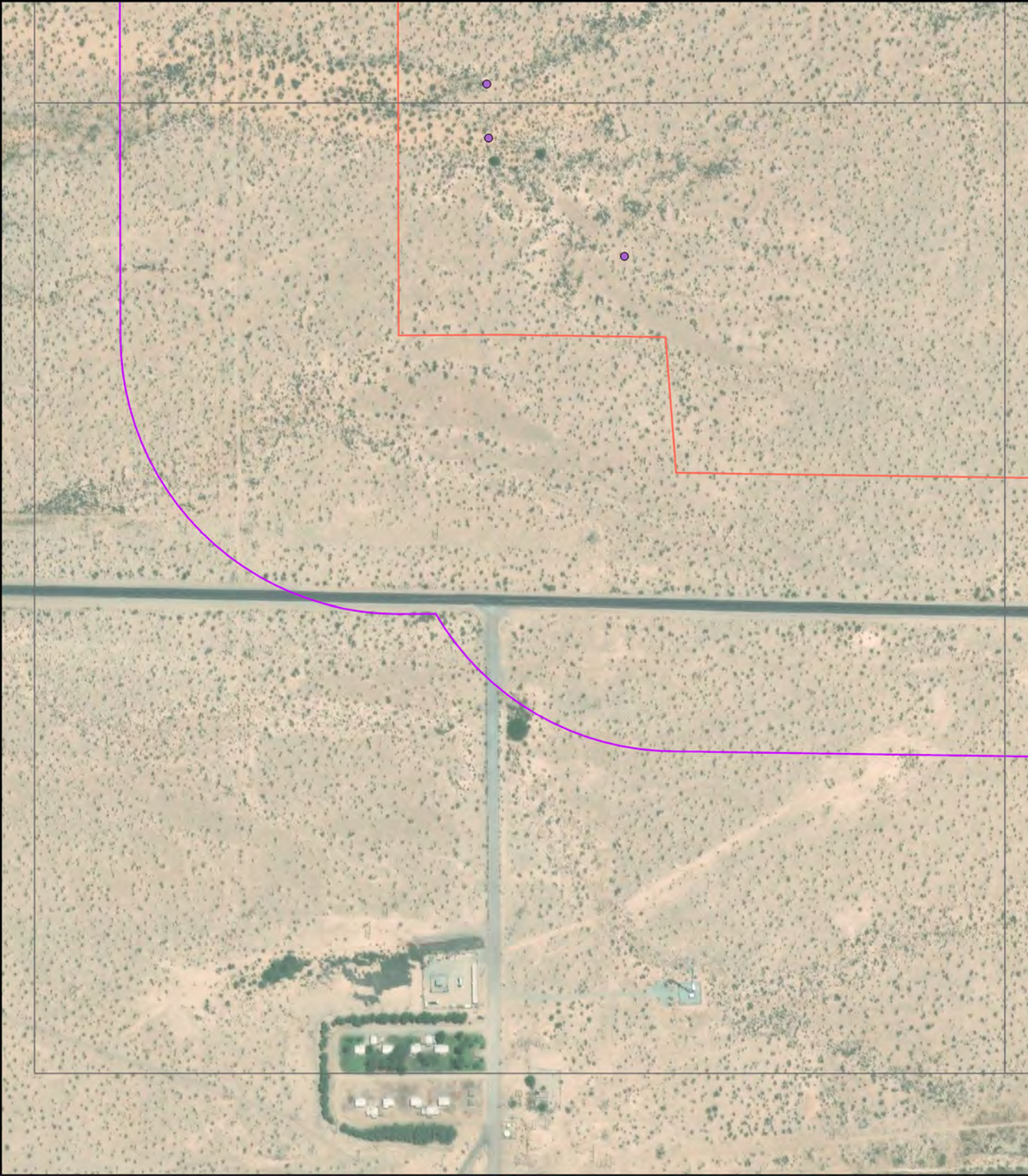
- 1000 Ft Buffer From Proposed Project Fence Line
- Gen-Tie Corridor
- CNDDB Data**
- flat-tailed horned lizard (*Phrynosoma mcallii*)



Ironwood
Consulting

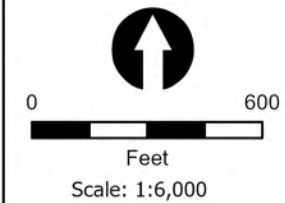
Noteworthy Reptile
Observations: 1

Perkins CEC



Sign

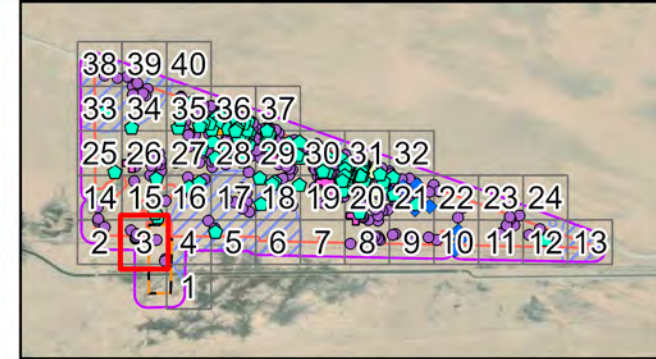
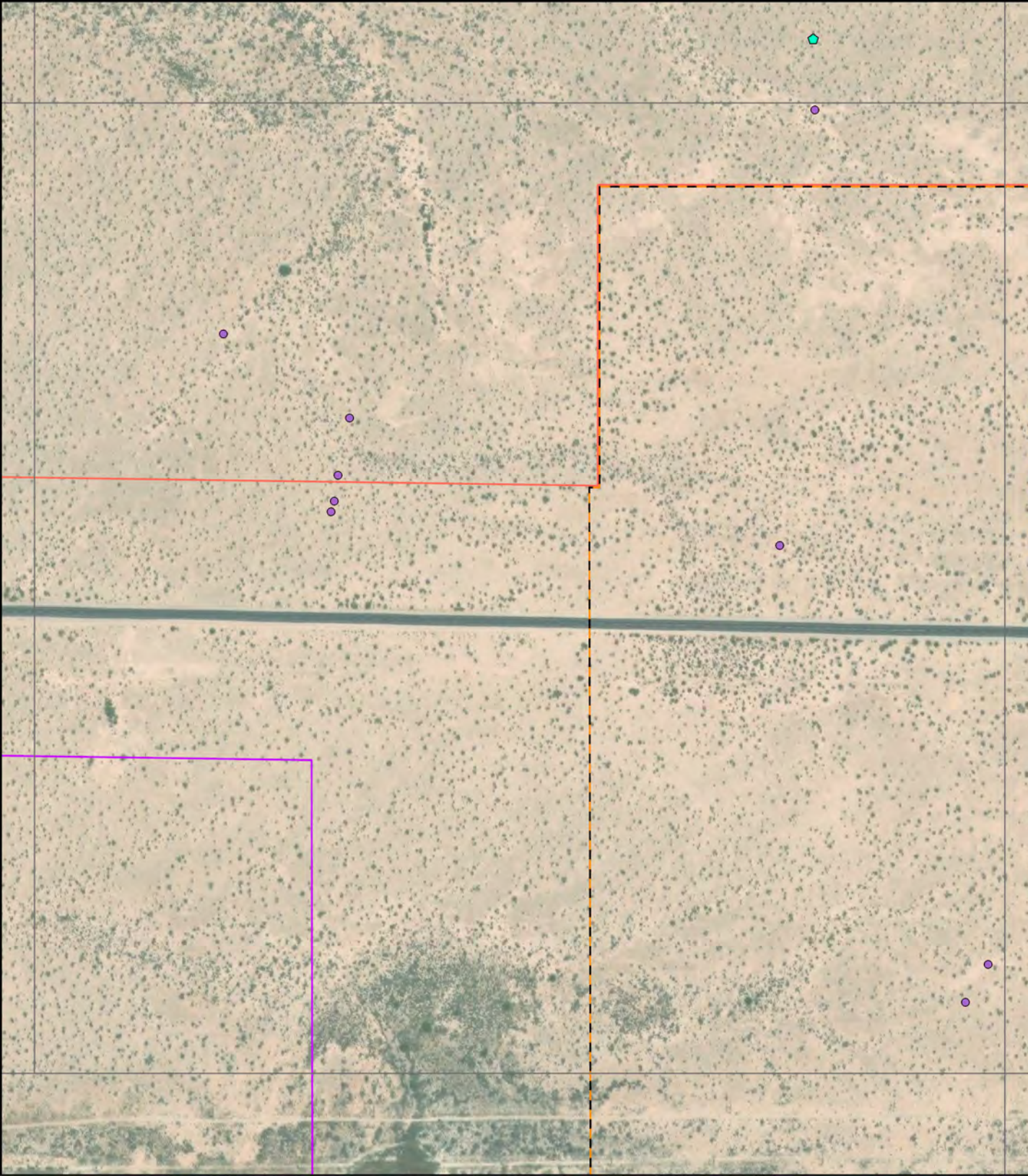
- Flat-tailed horned lizard (scat or tracks)
- 1000 Ft Buffer From Proposed Project Fence Line
- Proposed Project Fence Line



Ironwood
Consulting

**Noteworthy Reptile
Observations: 2**

Perkins CEC



Live Individual

- Flat-tailed horned lizard (live individual)

Sign

- Flat-tailed horned lizard (scat or tracks)

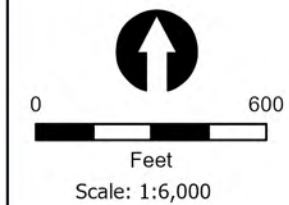
- 1000 Ft Buffer From Proposed Project Fence Line

- Gen-Tie Corridor

- Proposed Project Fence Line

CNDDDB Data

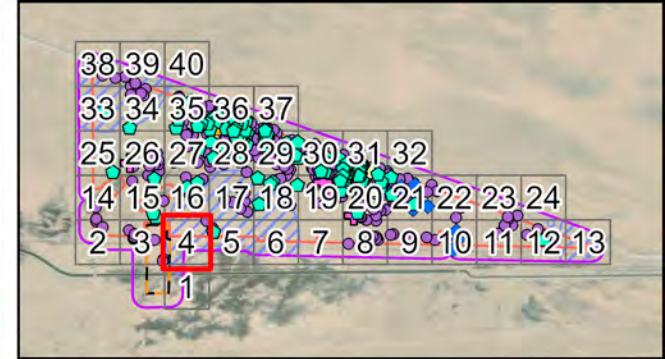
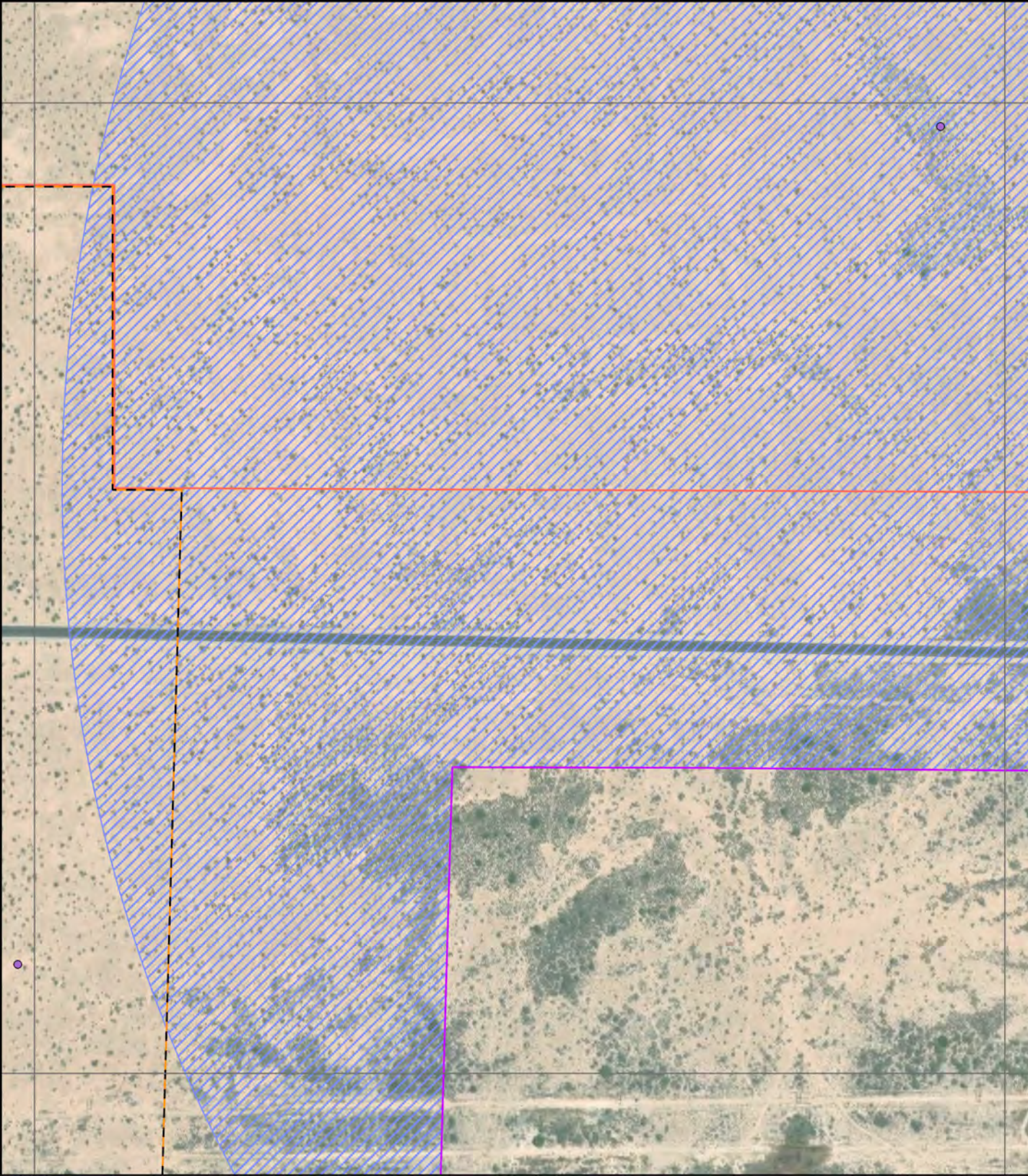
- flat-tailed horned lizard (*Phrynosoma mcallii*)



Ironwood
Consulting

Noteworthy Reptile
Observations: 3

Perkins CEC

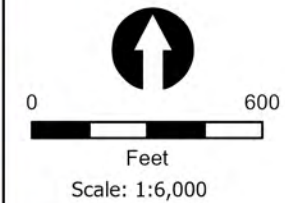


Sign

- Flat-tailed horned lizard (scat or tracks)
- 1000 Ft Buffer From Proposed Project Fence Line
- Gen-Tie Corridor
- Proposed Project Fence Line

CNDDDB Data

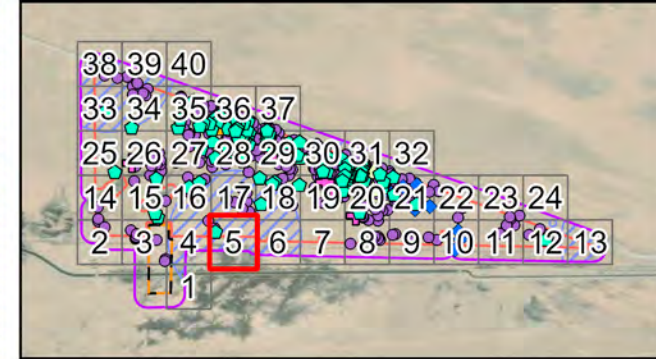
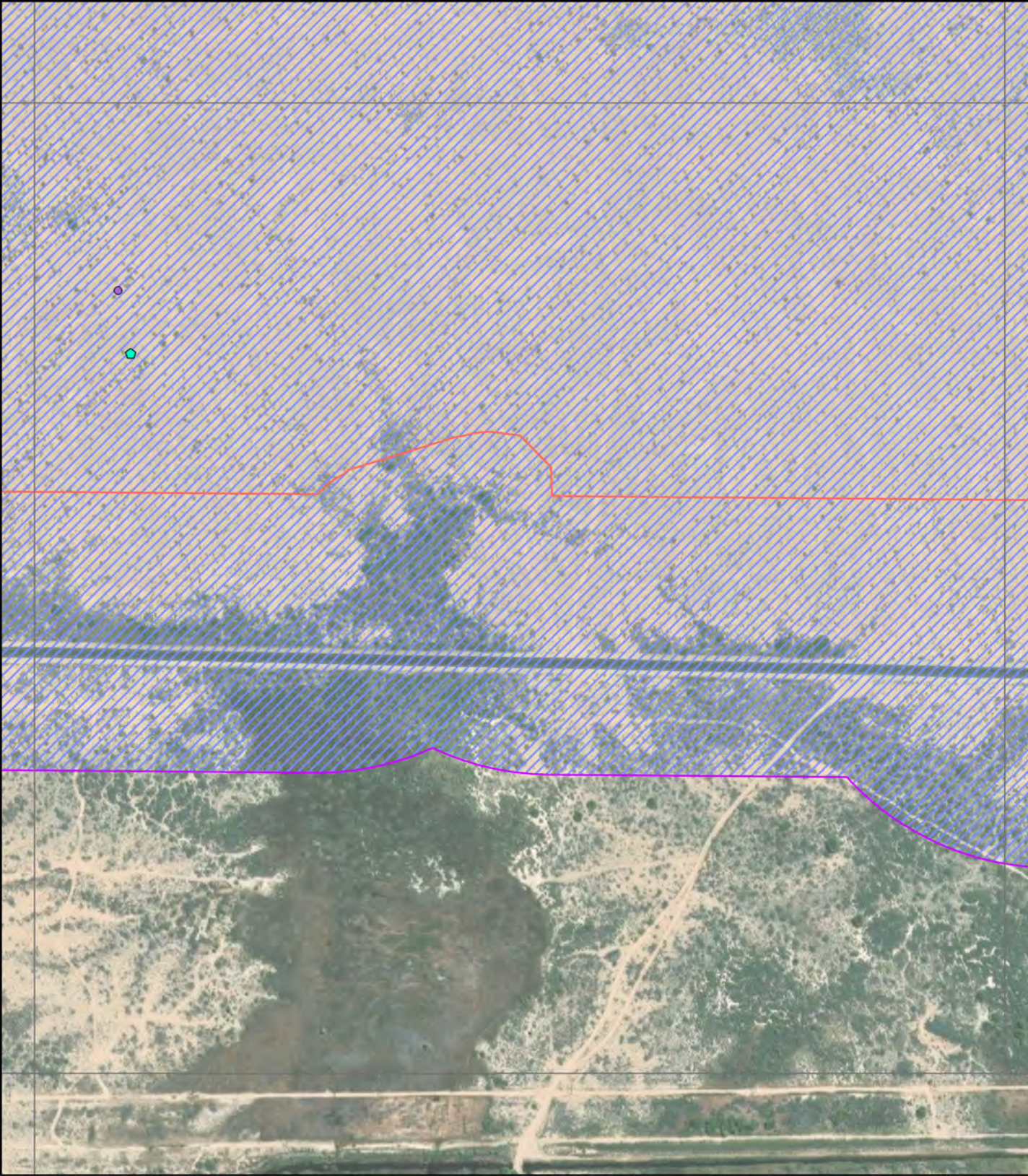
- flat-tailed horned lizard (*Phrynosoma mcallii*)



Ironwood
Consulting

Noteworthy Reptile
Observations: 4

Perkins CEC



Live Individual

- Flat-tailed horned lizard (live individual)

Sign

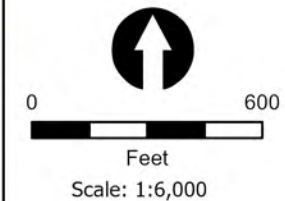
- Flat-tailed horned lizard (scat or tracks)

- 1000 Ft Buffer From Proposed Project Fence Line

- Proposed Project Fence Line

CNDDDB Data

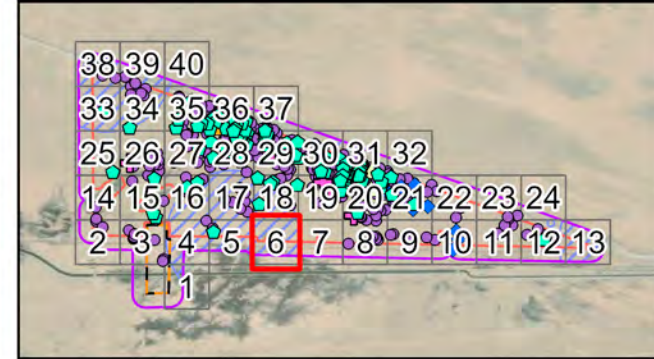
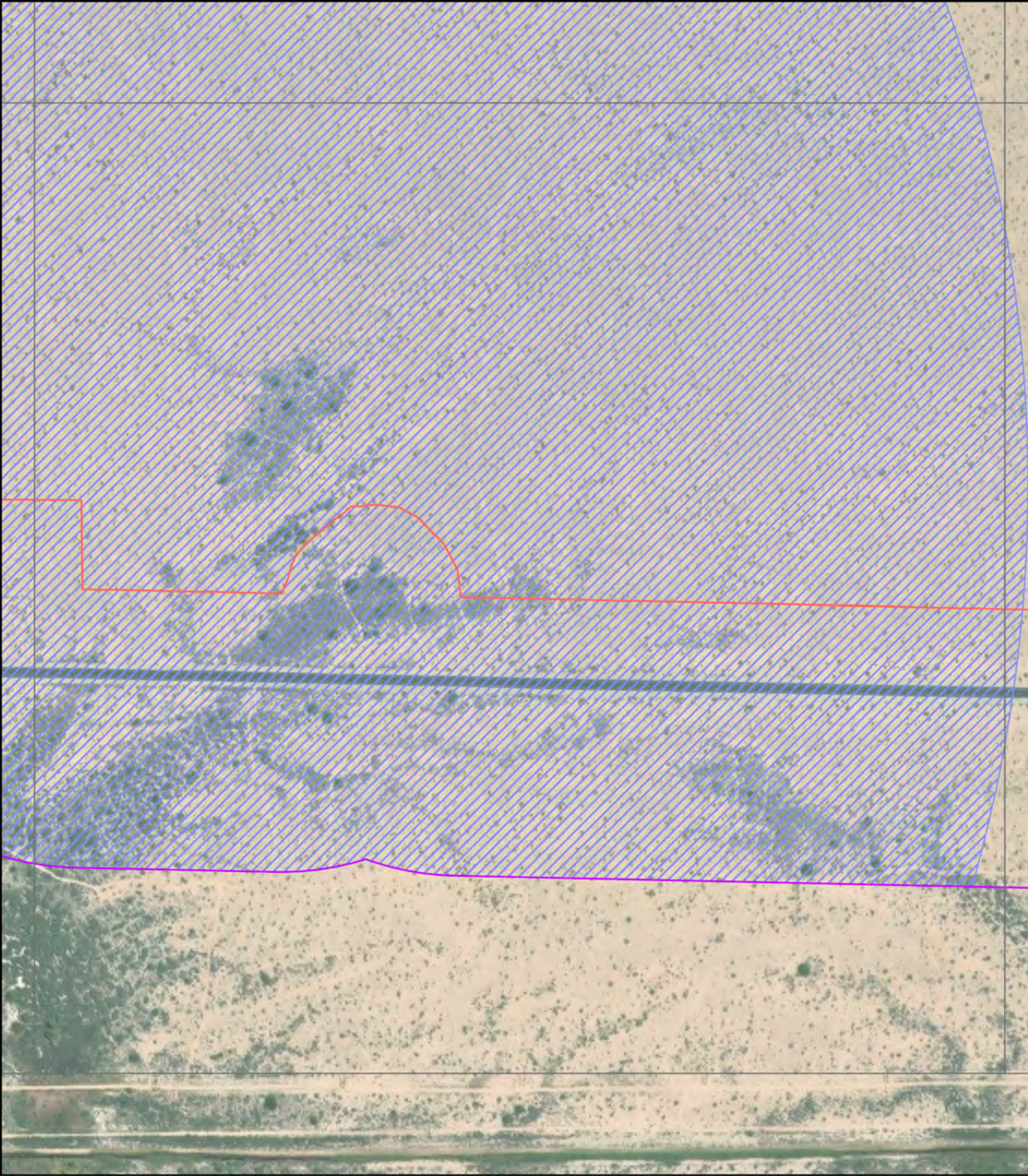
- flat-tailed horned lizard (*Phrynosoma mcallii*)



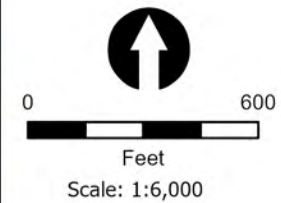
Ironwood
Consulting

Noteworthy Reptile
Observations: 5

Perkins CEC



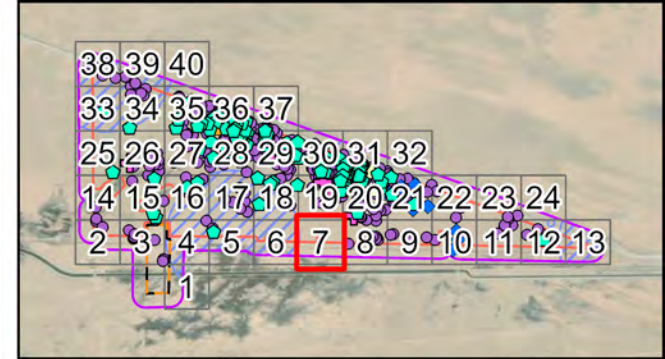
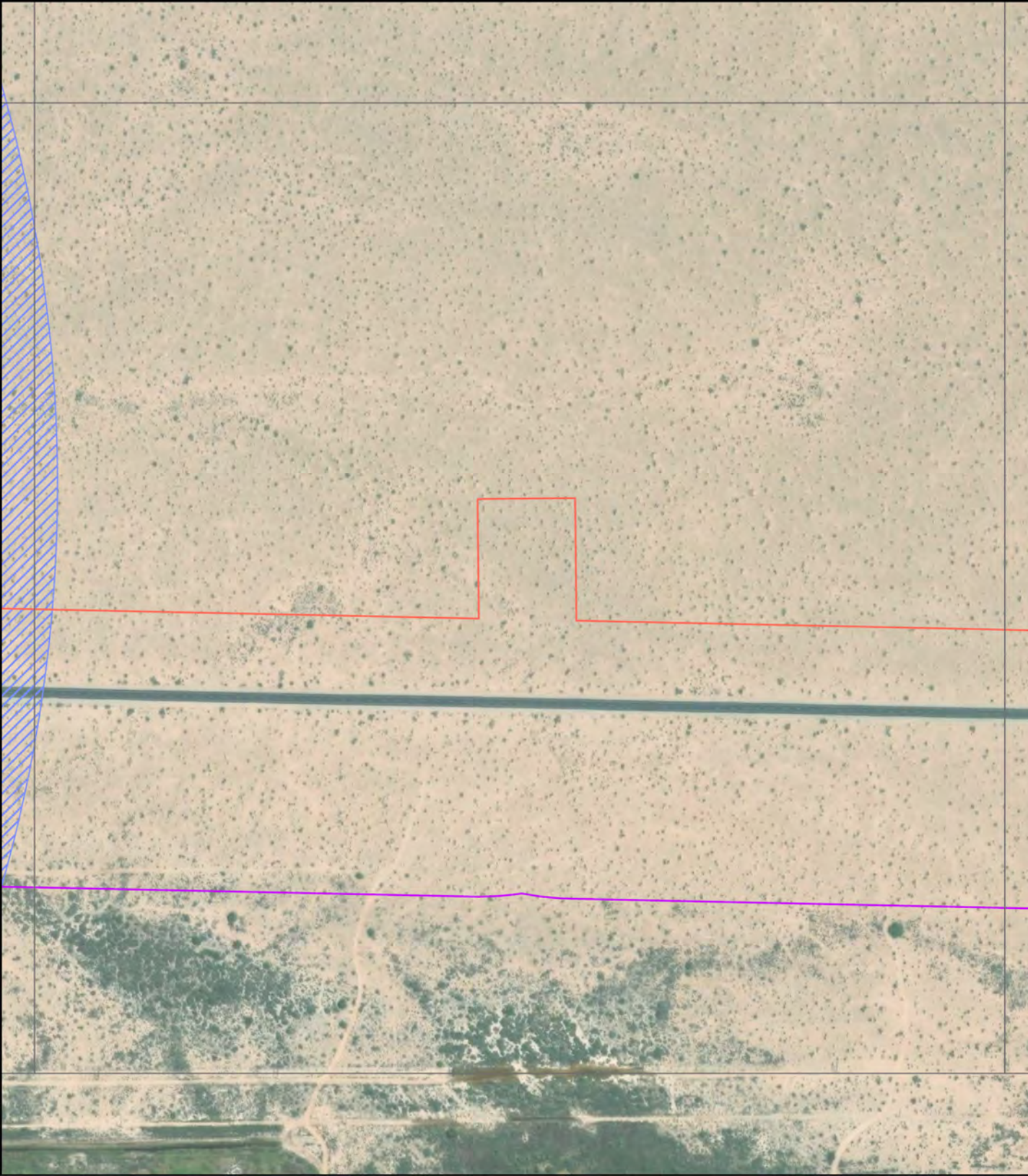
- 1000 Ft Buffer From Proposed Project Fence Line
- Proposed Project Fence Line
- CNDDDB Data**
- flat-tailed horned lizard (*Phrynosoma mcallii*)



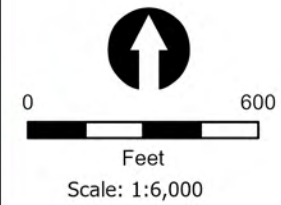
Ironwood
Consulting

Noteworthy Reptile
Observations: 6

Perkins CEC



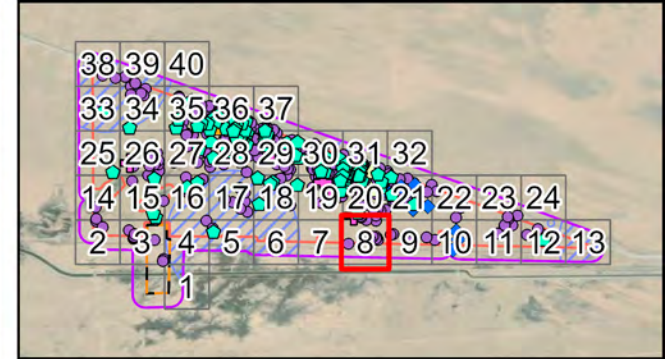
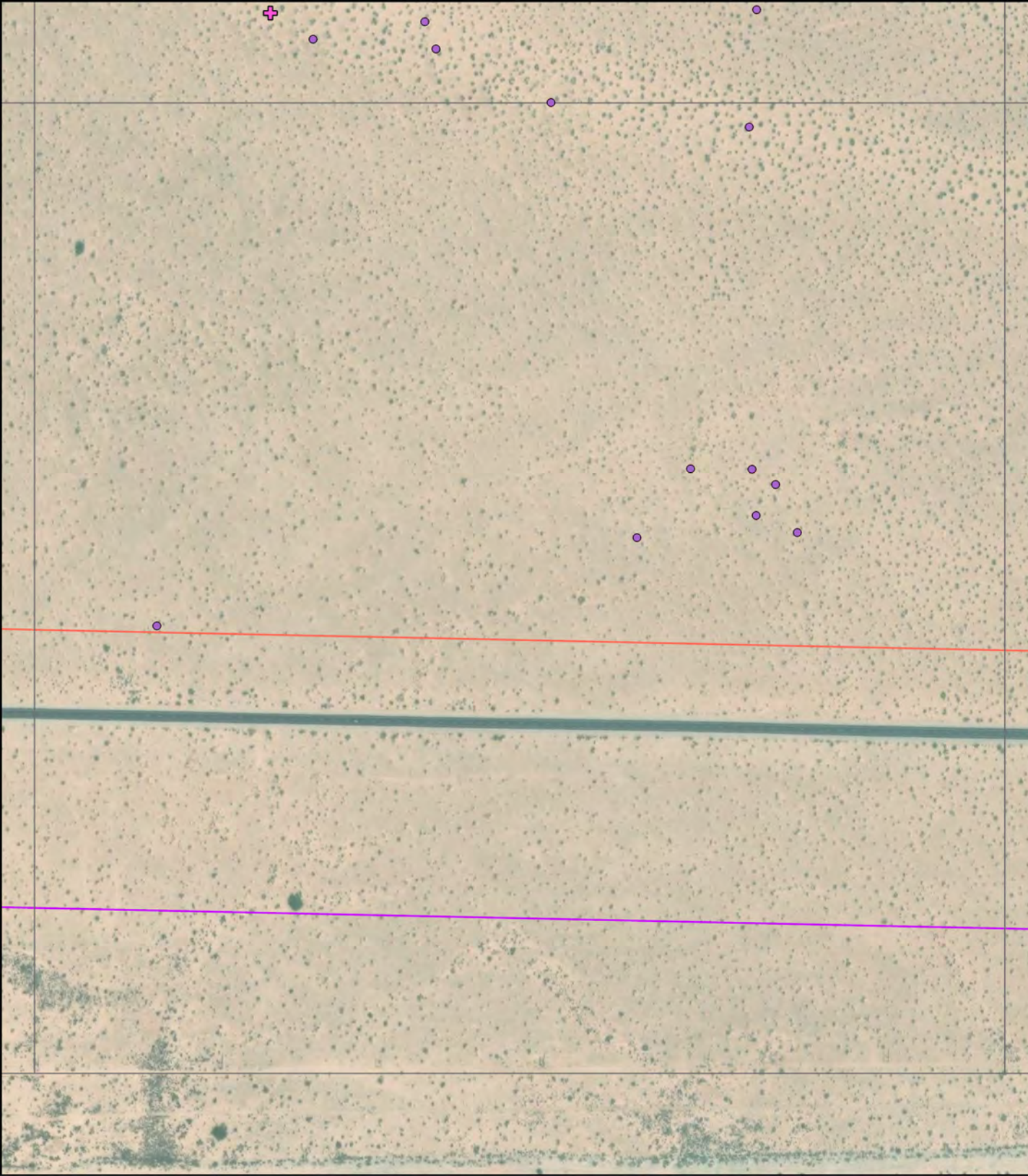
- 1000 Ft Buffer From Proposed Project Fence Line
- Proposed Project Fence Line
- CNDDDB Data**
- flat-tailed horned lizard (*Phrynosoma mcallii*)



Ironwood
Consulting

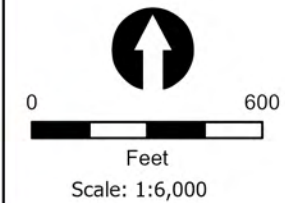
Noteworthy Reptile
Observations: 7

Perkins CEC



Sign

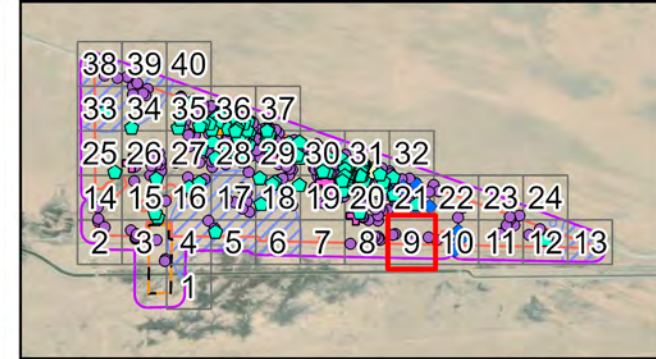
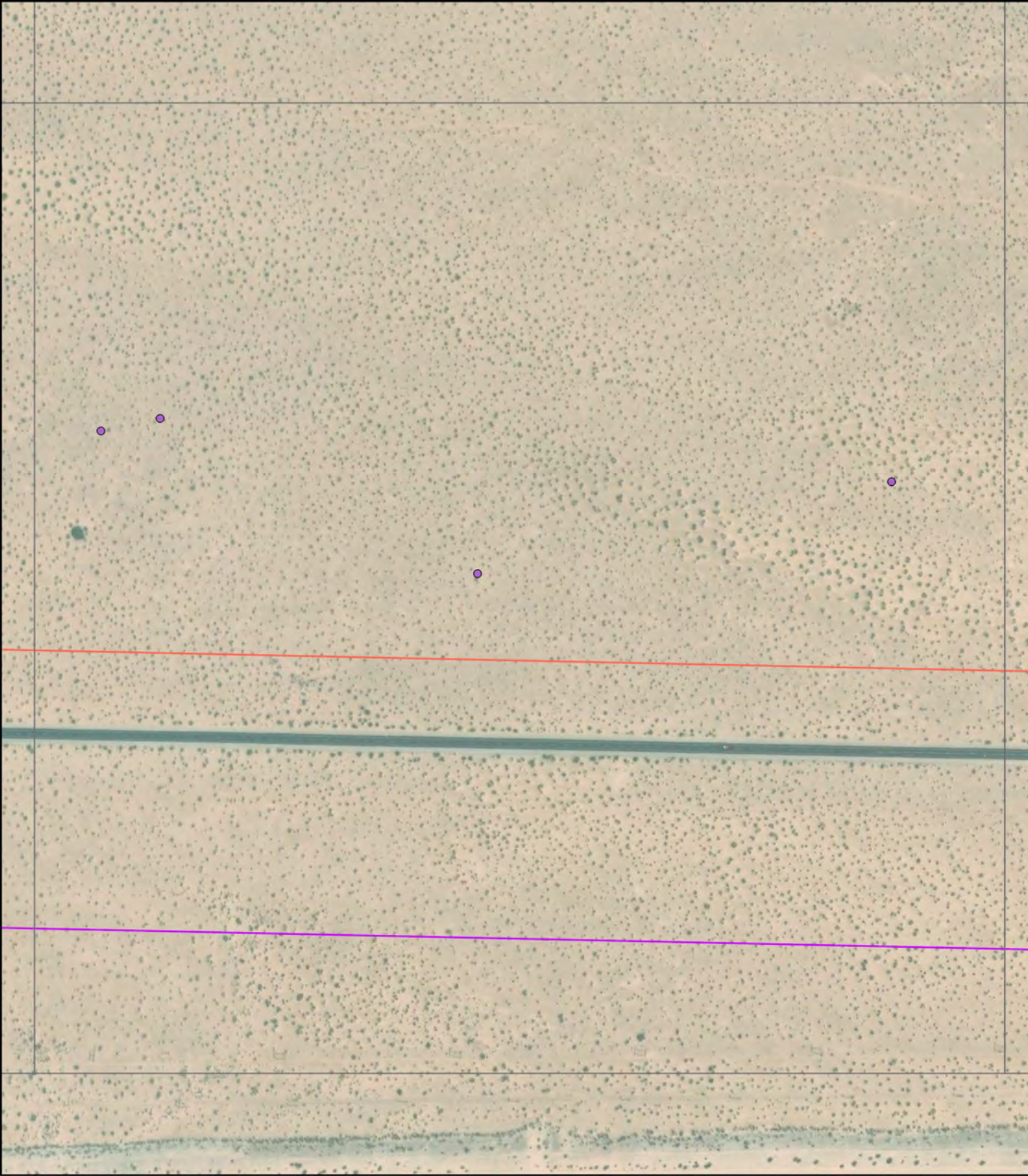
- Flat-tailed horned lizard (scat or tracks)
- ✚ Flat-tailed horned lizard (carcass)
- 1000 Ft Buffer From Proposed Project Fence Line
- Proposed Project Fence Line



Ironwood
Consulting

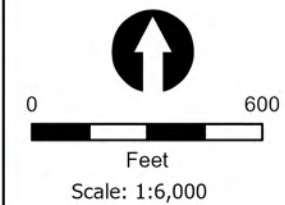
**Noteworthy Reptile
Observations: 8**

Perkins CEC



Sign

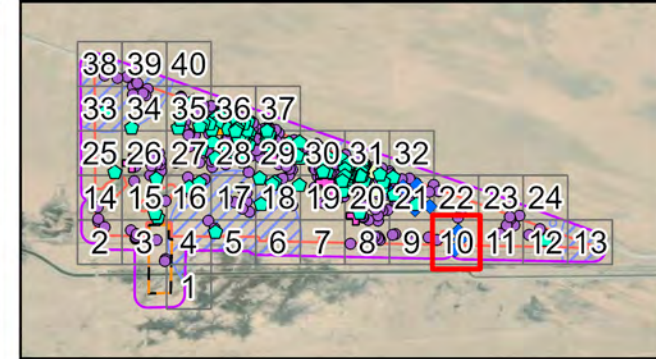
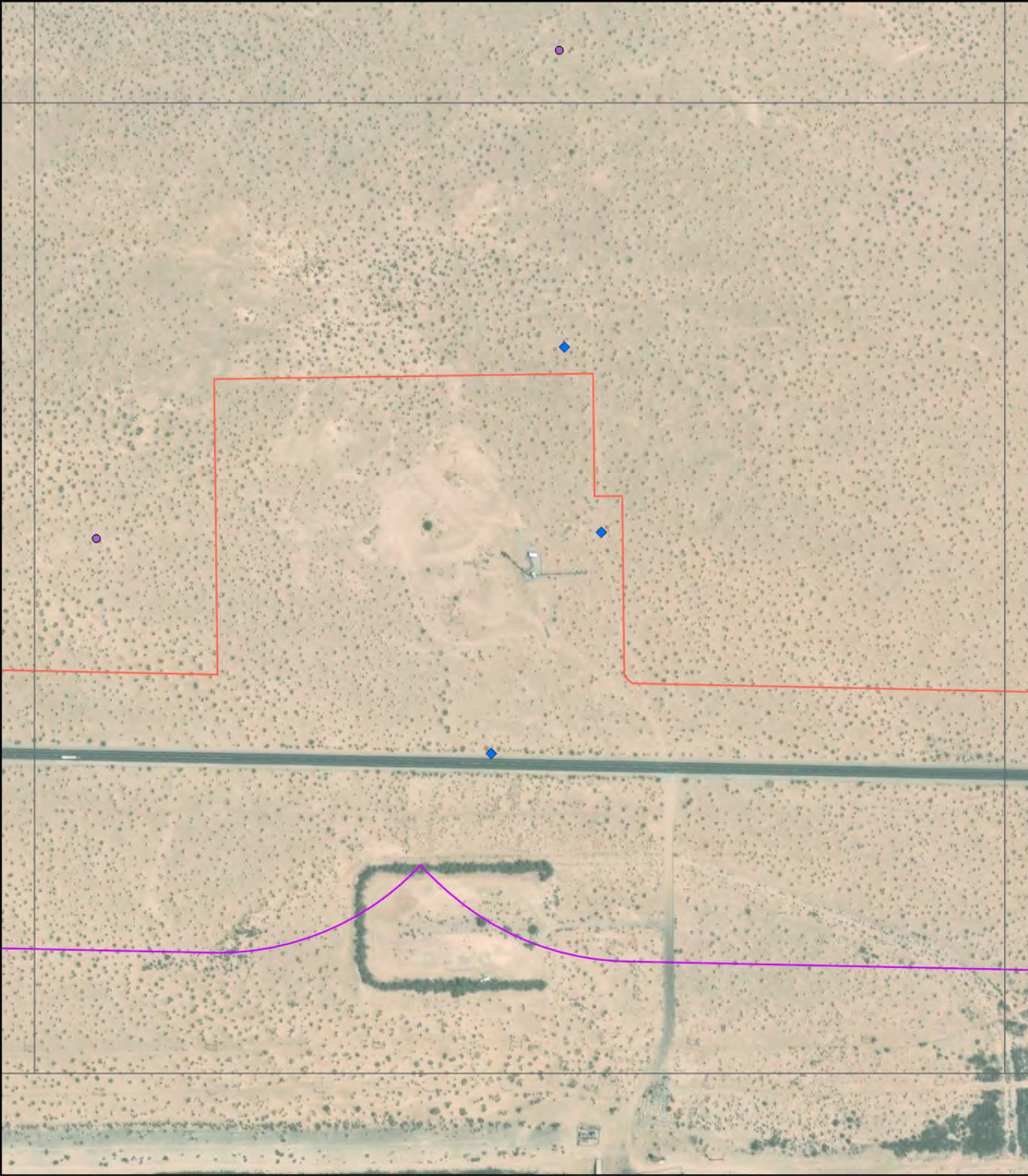
- Flat-tailed horned lizard (scat or tracks)
- 1000 Ft Buffer From Proposed Project Fence Line
- Proposed Project Fence Line



Ironwood
Consulting

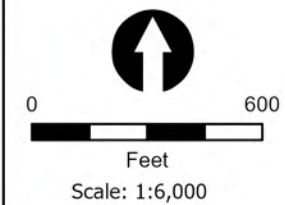
**Noteworthy Reptile
Observations: 9**

Perkins CEC



Sign

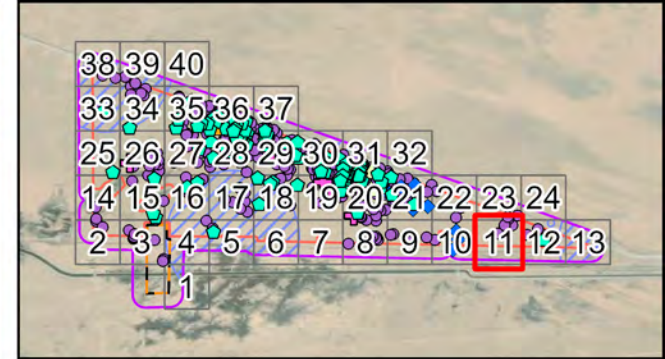
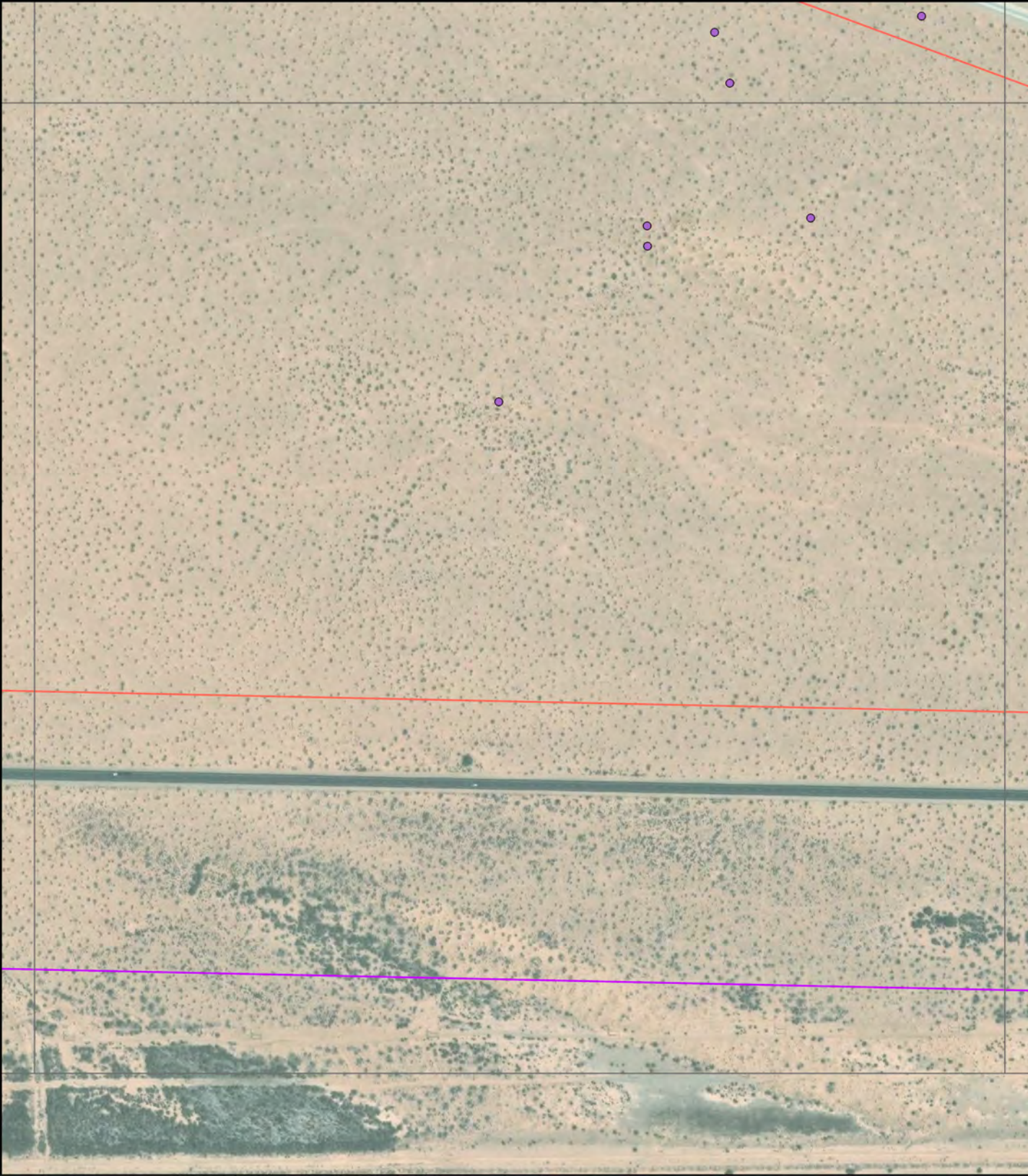
- ◆ Flat-tailed horned lizard (forage - ant hill)
- Flat-tailed horned lizard (scat or tracks)
- 1000 Ft Buffer From Proposed Project Fence Line
- Proposed Project Fence Line



Ironwood
Consulting

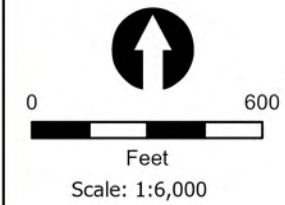
Noteworthy Reptile
Observations: 10

Perkins CEC



Sign

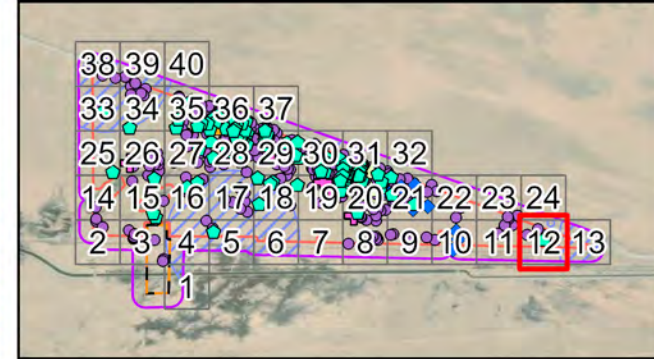
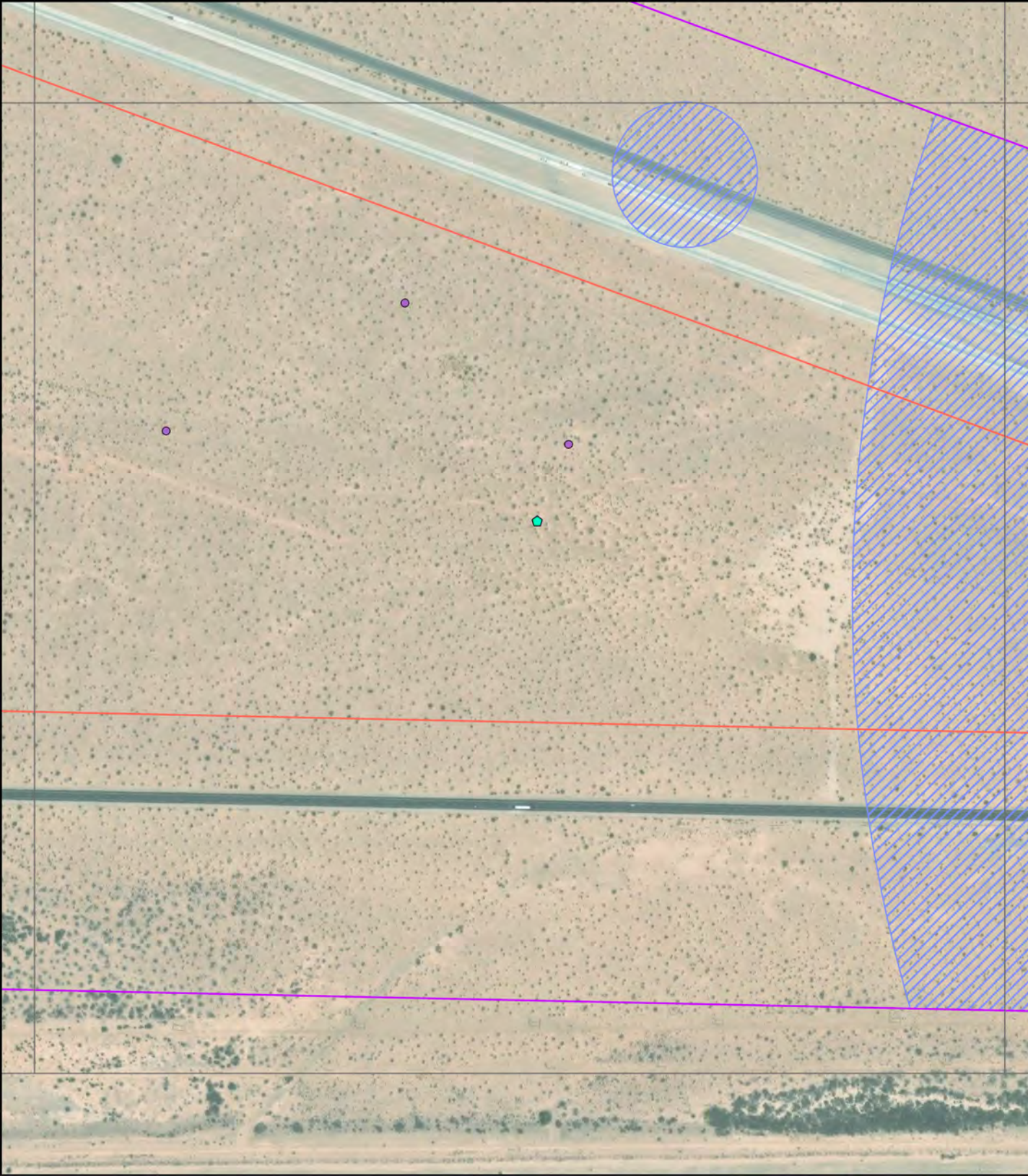
- Flat-tailed horned lizard (scat or tracks)
- 1000 Ft Buffer From Proposed Project Fence Line
- Proposed Project Fence Line



Ironwood
Consulting

Noteworthy Reptile
Observations: 11

Perkins CEC



Live Individual

- Flat-tailed horned lizard (live individual)

Sign

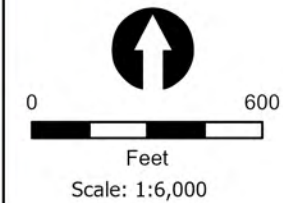
- Flat-tailed horned lizard (scat or tracks)

- 1000 Ft Buffer From Proposed Project Fence Line

- Proposed Project Fence Line

CNDDDB Data

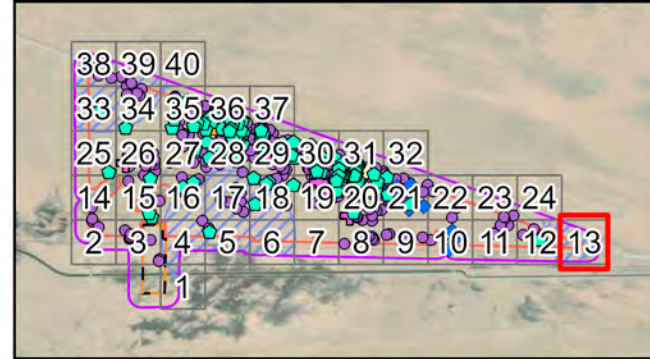
- flat-tailed horned lizard (*Phrynosoma mcallii*)



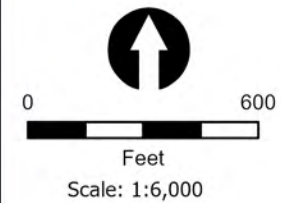
Ironwood
Consulting

Noteworthy Reptile
Observations: 12

Perkins CEC



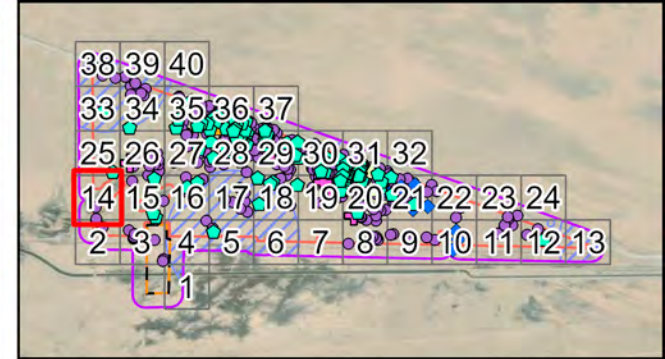
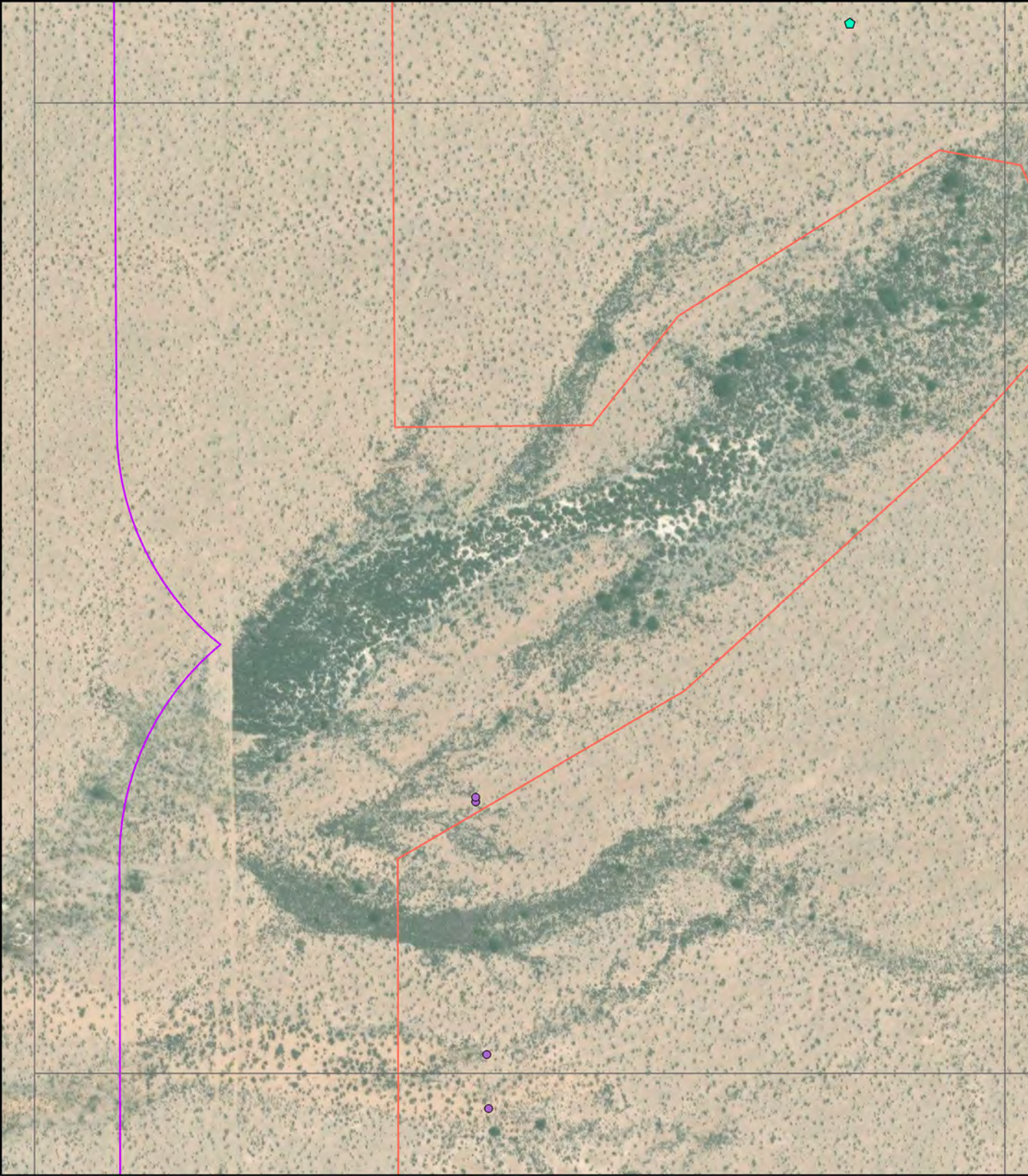
-  1000 Ft Buffer From Proposed Project Fence Line
-  Proposed Project Fence Line
- CNDDDB Data**
-  flat-tailed horned lizard (*Phrynosoma mcallii*)



Ironwood
Consulting

**Noteworthy Reptile
Observations: 13**

Perkins CEC

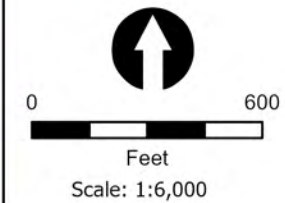


Live Individual

- Flat-tailed horned lizard (live individual)

Sign

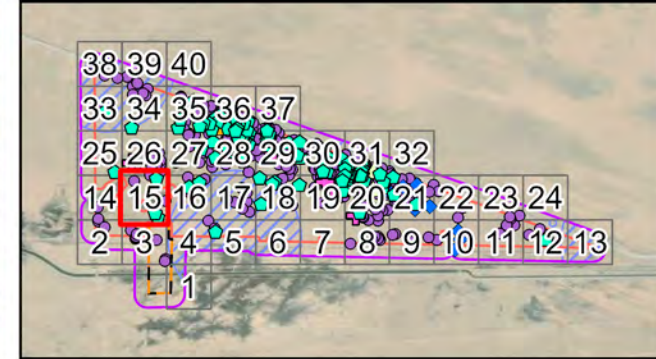
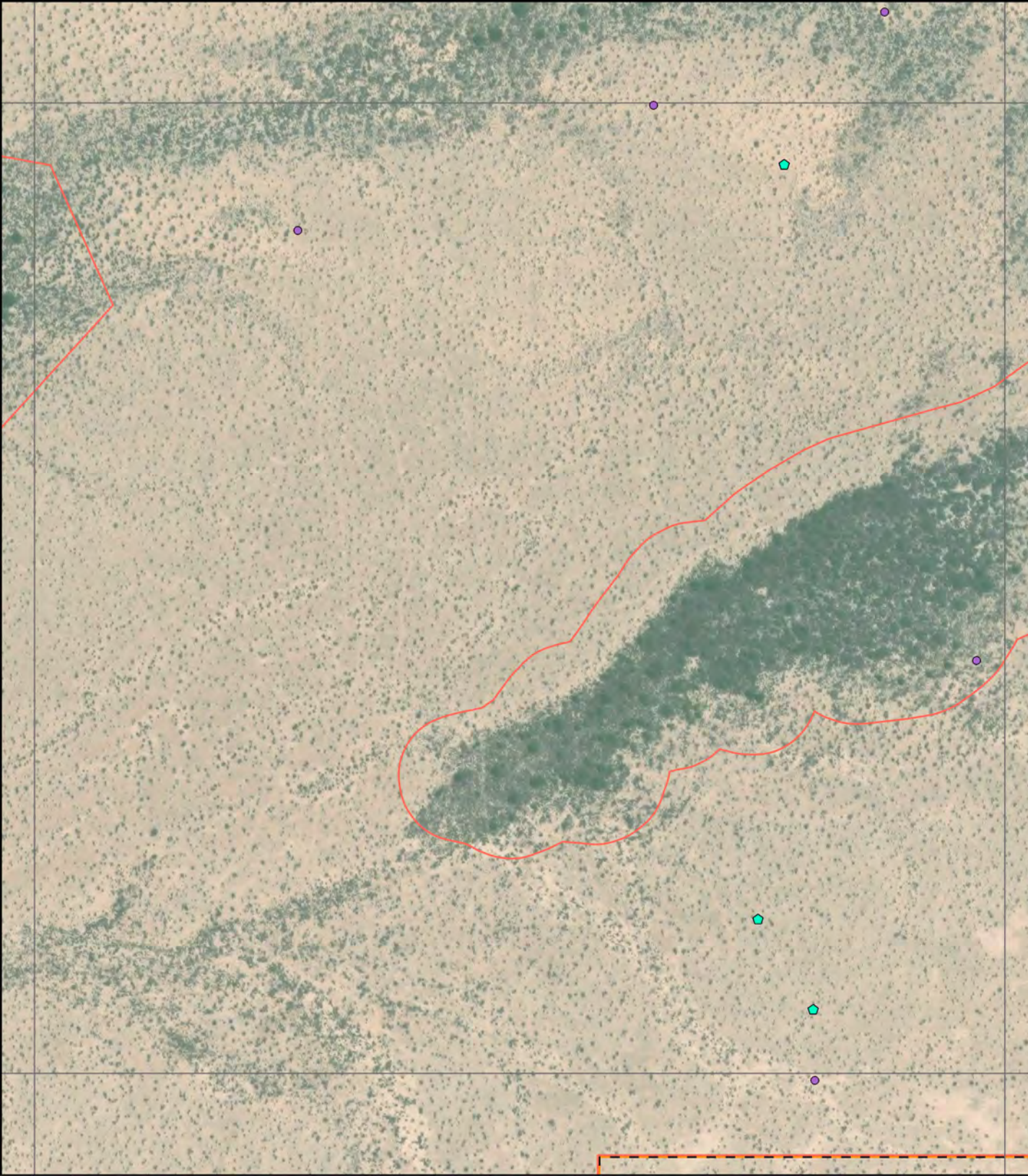
- Flat-tailed horned lizard (scat or tracks)
- 1000 Ft Buffer From Proposed Project Fence Line
- Proposed Project Fence Line



Ironwood
Consulting

Noteworthy Reptile
Observations: 14

Perkins CEC



Live Individual

- Flat-tailed horned lizard (live individual)

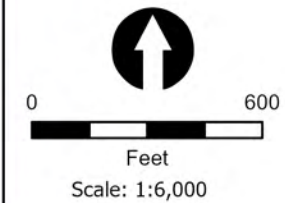
Sign

- Flat-tailed horned lizard (scat or tracks)

- 1000 Ft Buffer From Proposed Project Fence Line

- Gen-Tie Corridor

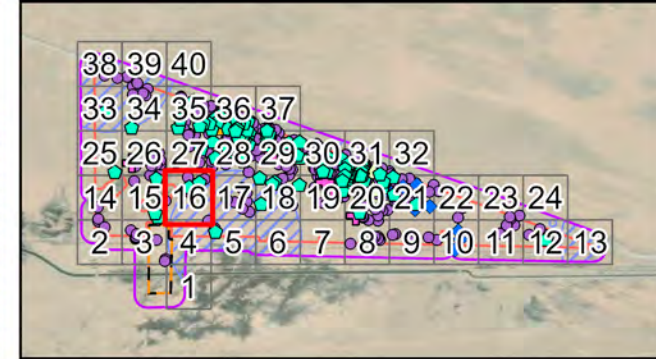
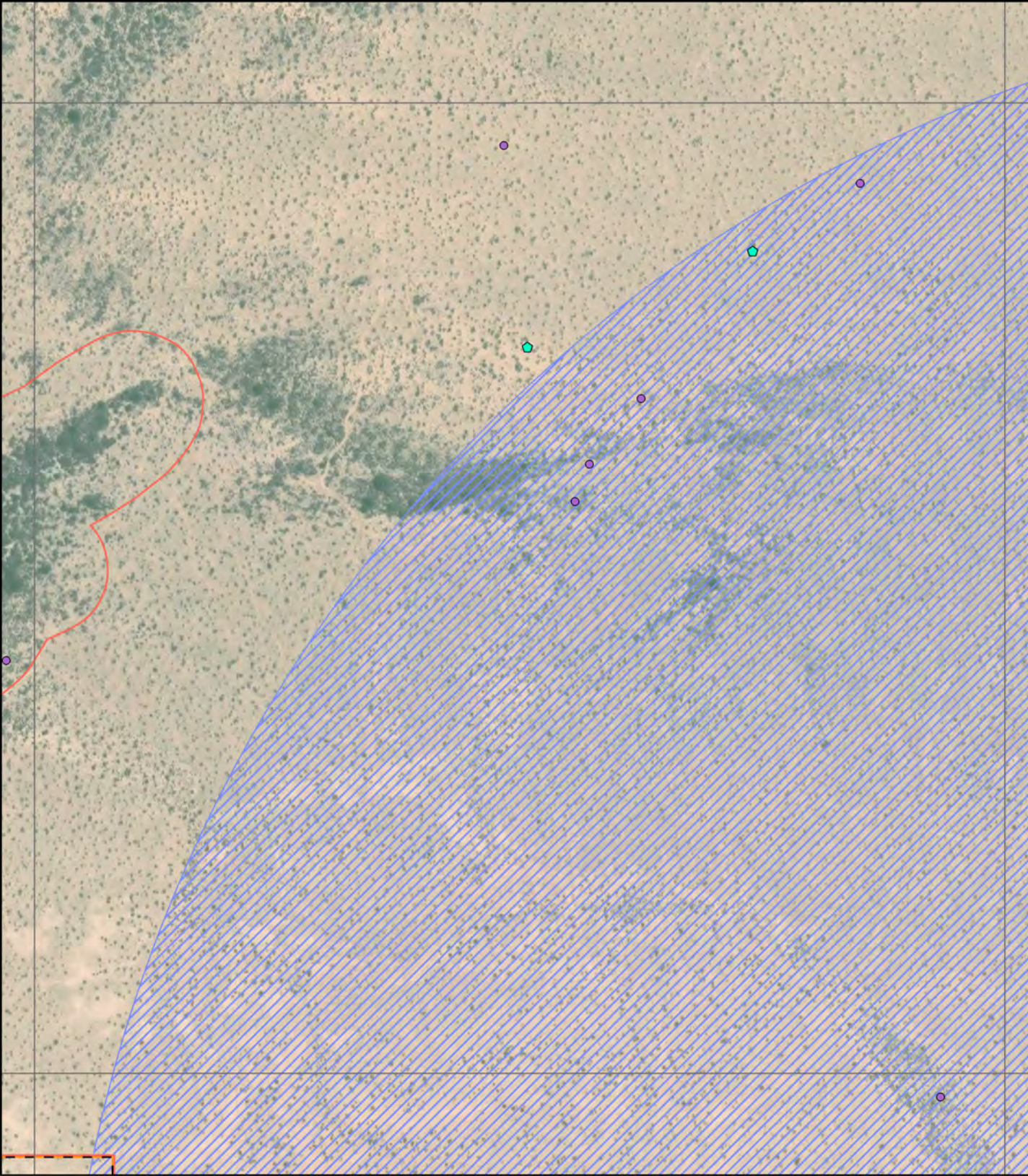
- Proposed Project Fence Line



Ironwood
Consulting

Noteworthy Reptile
Observations: 15

Perkins CEC



Live Individual

- Flat-tailed horned lizard (live individual)

Sign

- Flat-tailed horned lizard (scat or tracks)

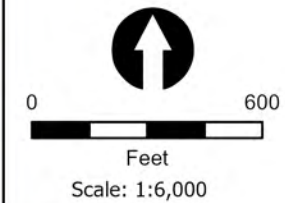
- 1000 Ft Buffer From Proposed Project Fence Line

- Gen-Tie Corridor

- Proposed Project Fence Line

CNDDB Data

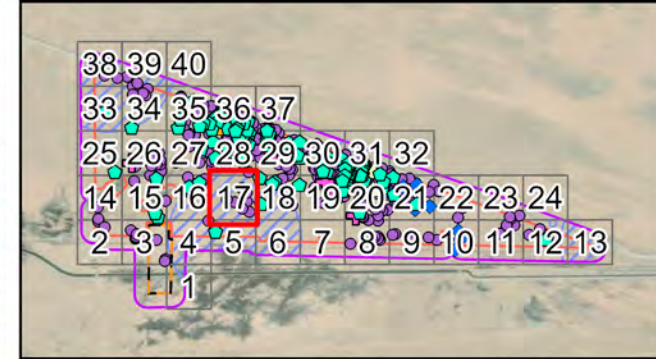
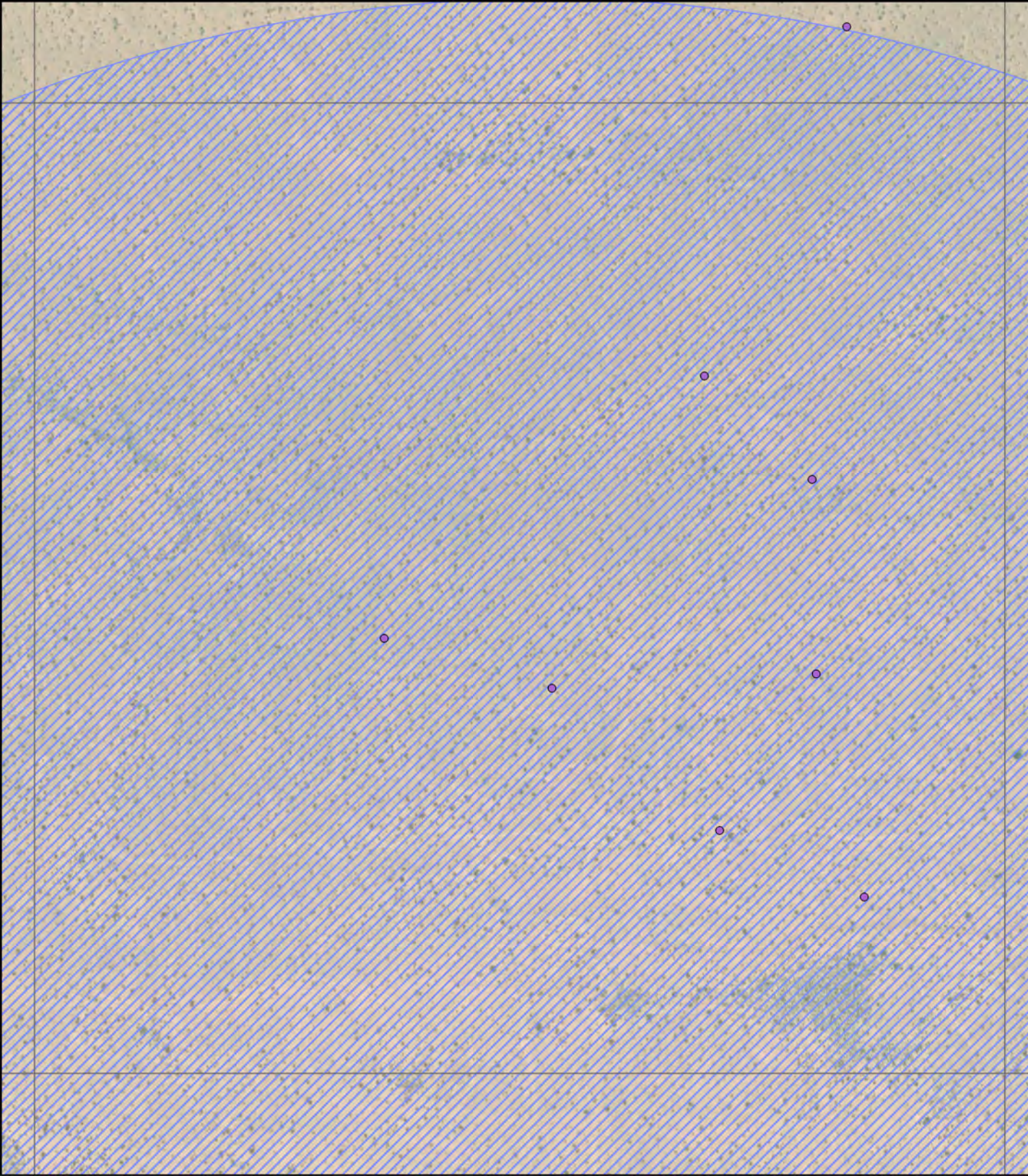
- flat-tailed horned lizard (*Phrynosoma mcallii*)



Ironwood
Consulting

Noteworthy Reptile
Observations: 16

Perkins CEC

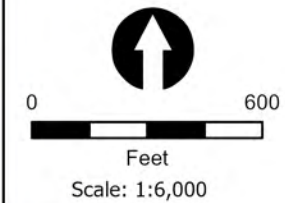


Sign

- Flat-tailed horned lizard (scat or tracks)
- 1000 Ft Buffer From Proposed Project Fence Line
- Proposed Project Fence Line

CNDDDB Data

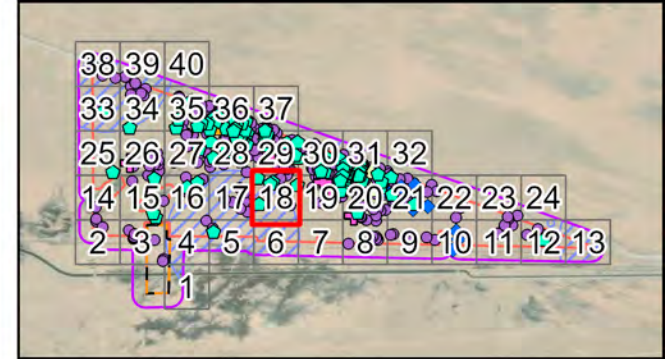
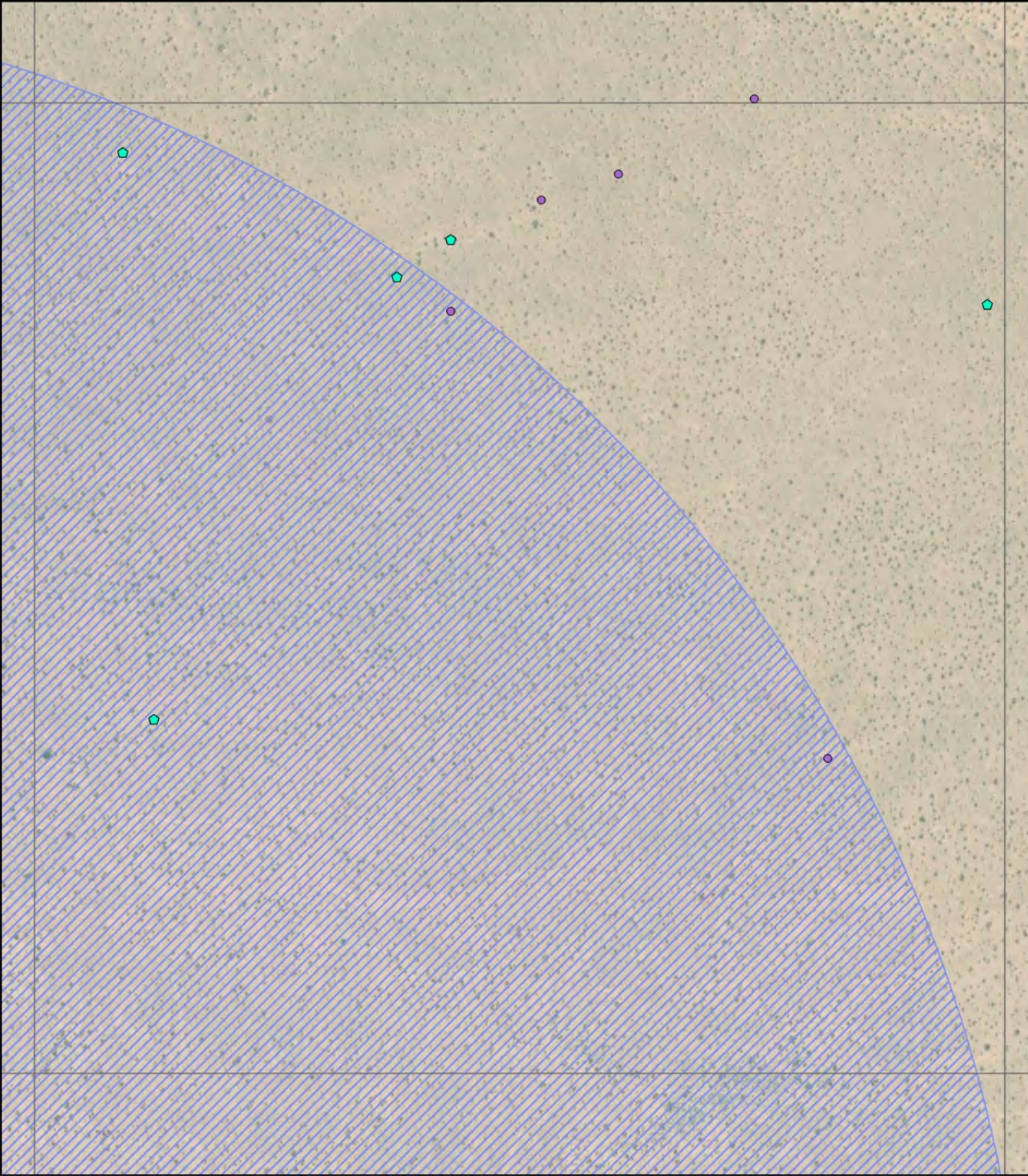
- ▨ flat-tailed horned lizard (*Phrynosoma mcallii*)



Ironwood
Consulting

**Noteworthy Reptile
Observations: 17**

Perkins CEC



Live Individual

-  Flat-tailed horned lizard (live individual)

Sign

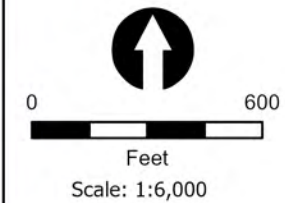
-  Flat-tailed horned lizard (scat or tracks)

-  1000 Ft Buffer From Proposed Project Fence Line

-  Proposed Project Fence Line

CNDDDB Data

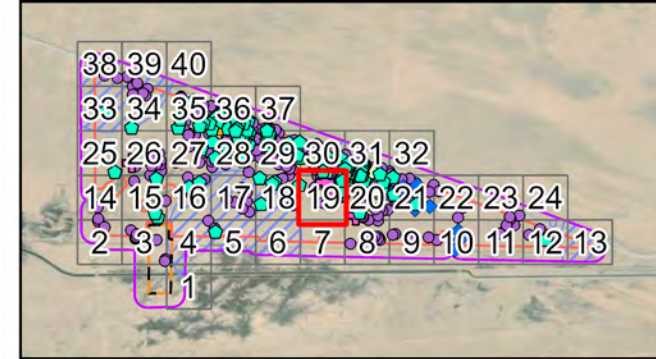
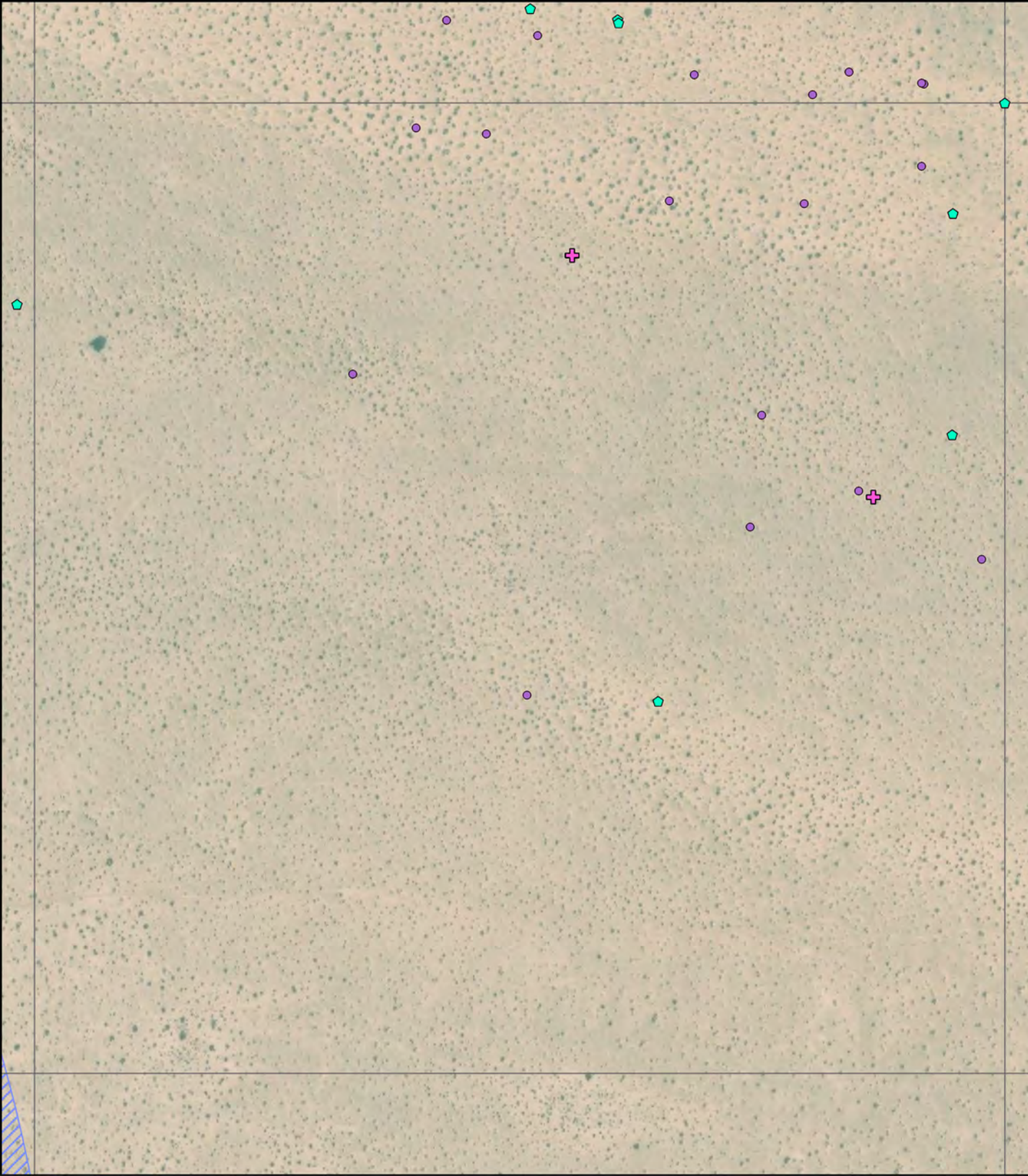
-  flat-tailed horned lizard (*Phrynosoma mcallii*)



Ironwood
Consulting

Noteworthy Reptile
Observations: 18

Perkins CEC



Live Individual

-  Flat-tailed horned lizard (live individual)

Sign

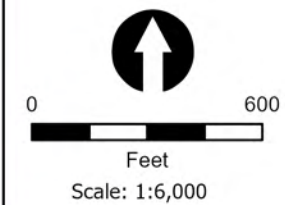
-  Flat-tailed horned lizard (scat or tracks)
-  Flat-tailed horned lizard (carcass)

-  1000 Ft Buffer From Proposed Project Fence Line

-  Proposed Project Fence Line

CNDDDB Data

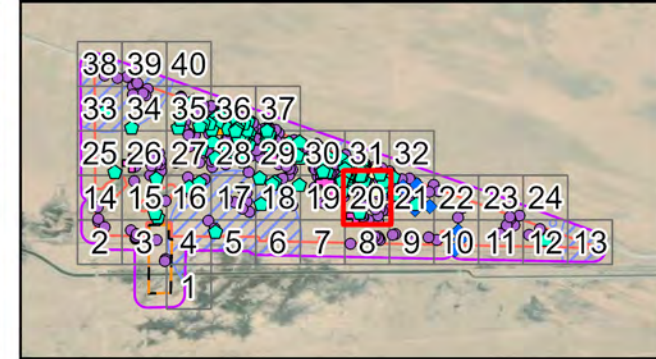
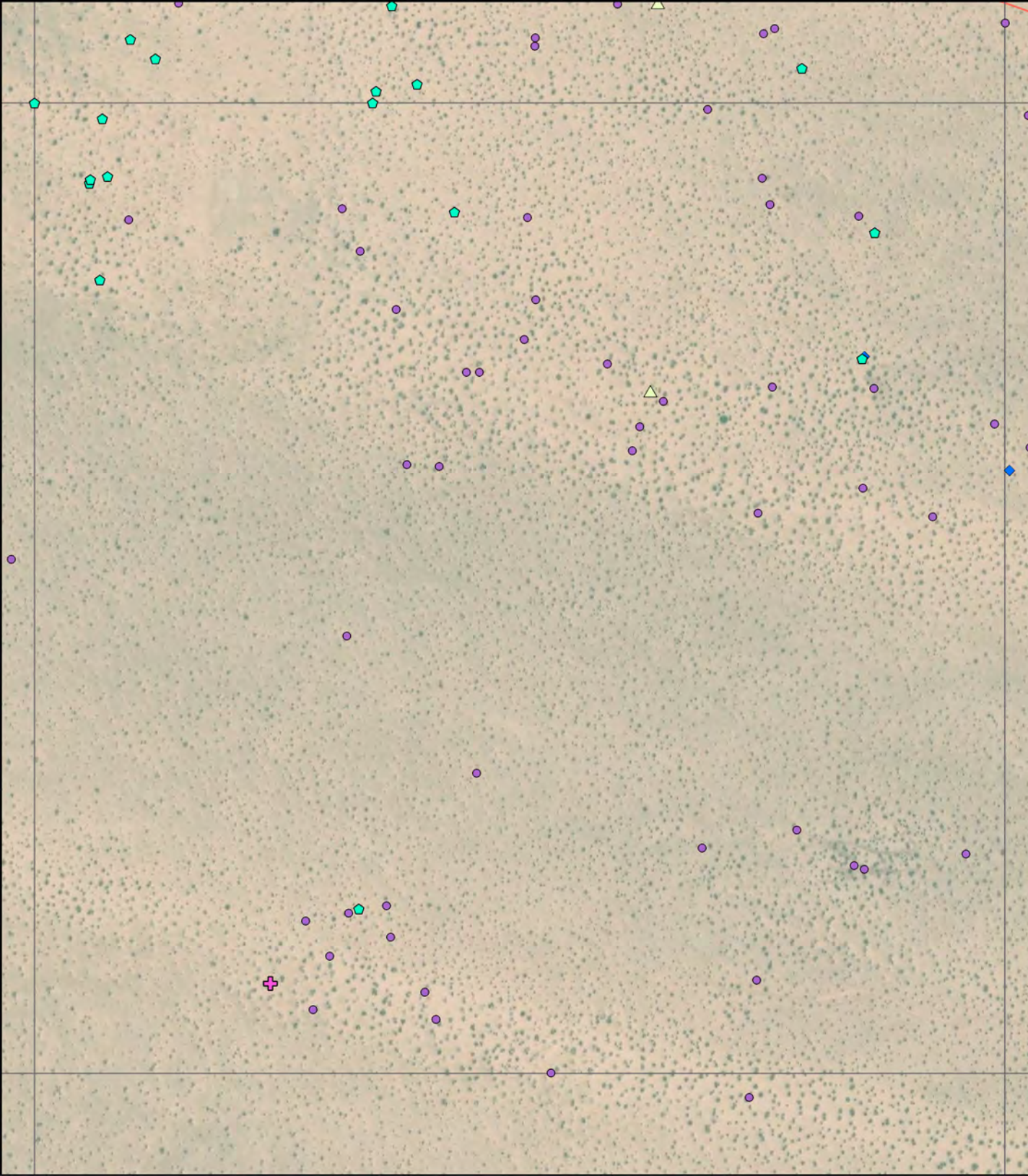
-  flat-tailed horned lizard (*Phrynosoma mcallii*)



Ironwood
Consulting

Noteworthy Reptile
Observations: 19

Perkins CEC



Live Individual

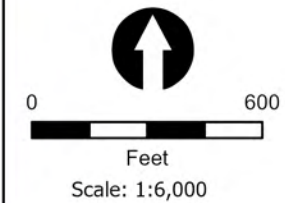
- Flat-tailed horned lizard (live individual)

Sign

- Colorado Fringe-Toed Lizard (tracks)
- Flat-tailed horned lizard (forage - ant hill)
- Flat-tailed horned lizard (scat or tracks)
- Flat-tailed horned lizard (carcass)

1000 Ft Buffer From Proposed Project Fence Line

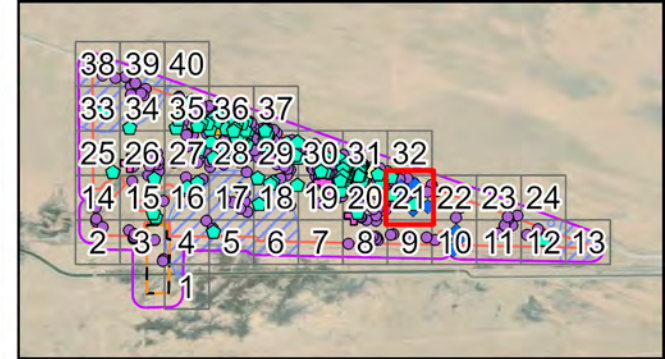
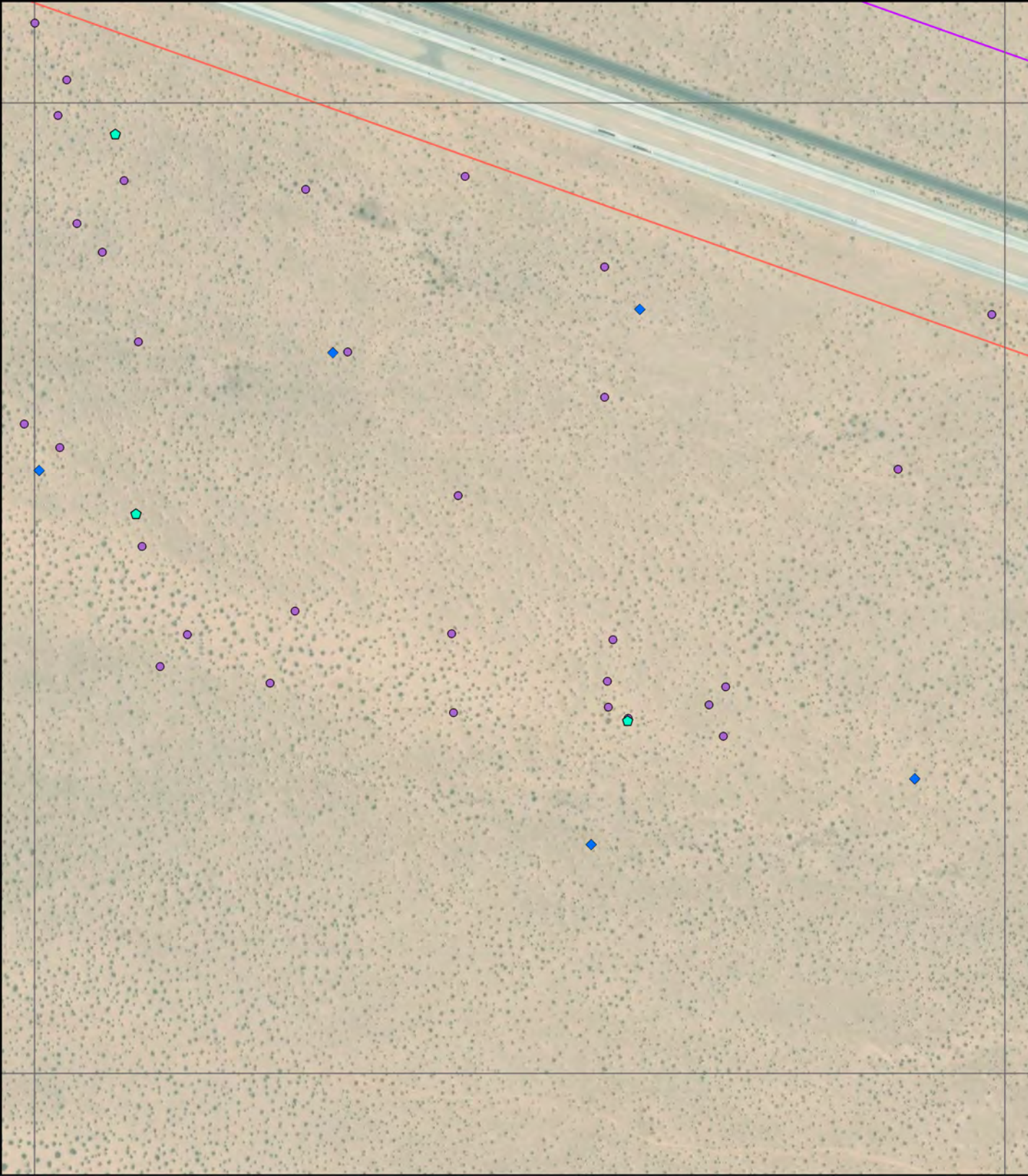
Proposed Project Fence Line



Ironwood
Consulting

**Noteworthy Reptile
Observations: 20**

Perkins CEC



Live Individual

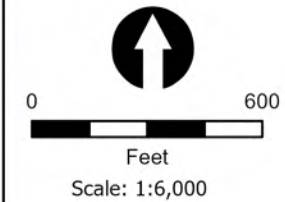
- Flat-tailed horned lizard (live individual)

Sign

- Flat-tailed horned lizard (forage - ant hill)
- Flat-tailed horned lizard (scat or tracks)

1000 Ft Buffer From Proposed Project Fence Line

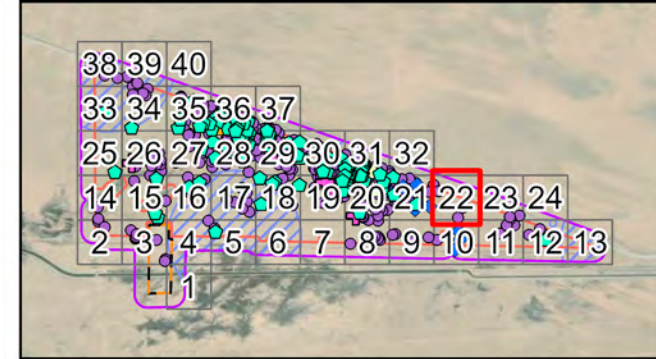
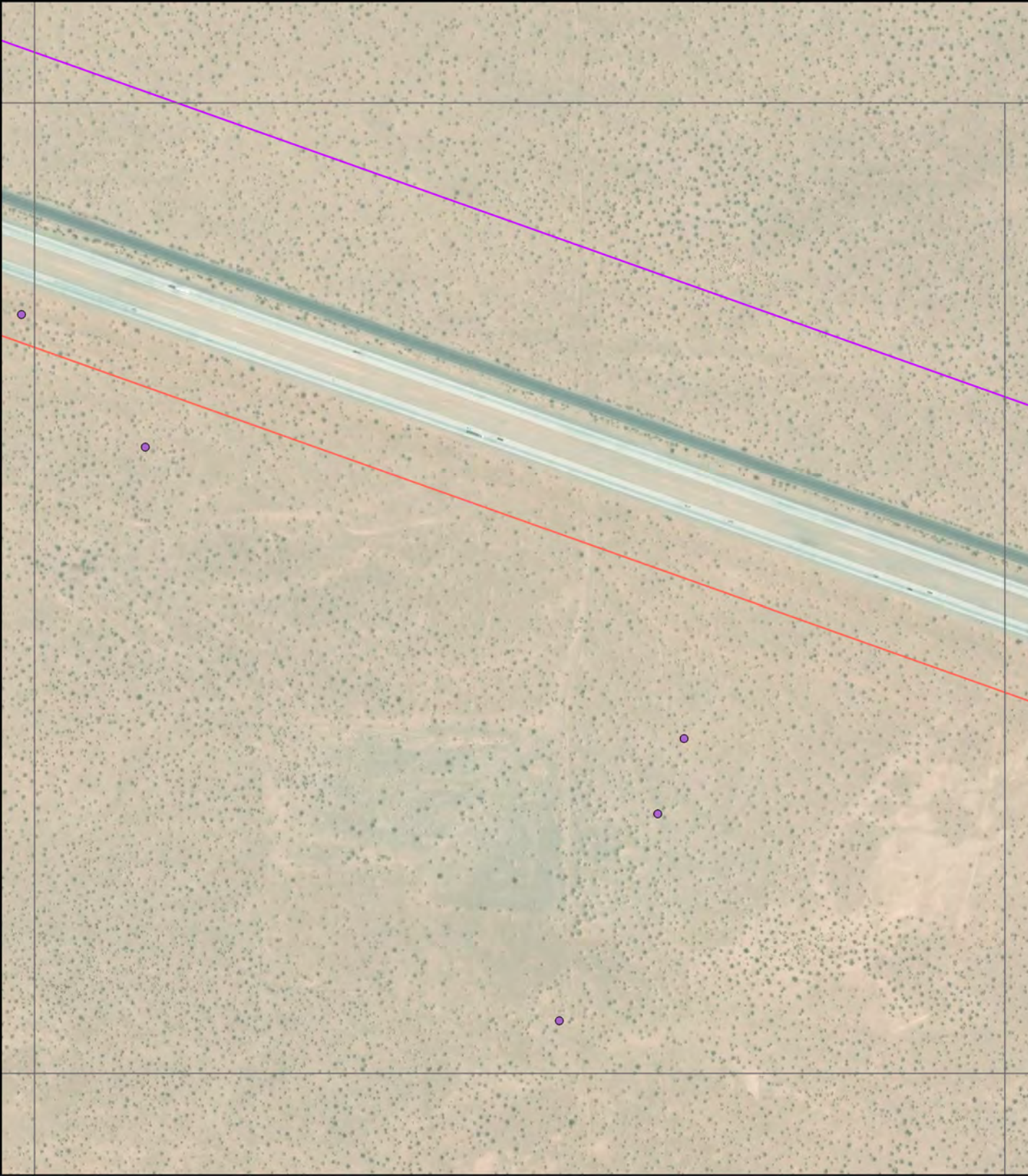
Proposed Project Fence Line



Ironwood
Consulting

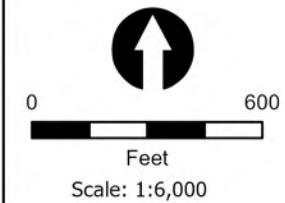
Noteworthy Reptile
Observations: 21

Perkins CEC



Sign

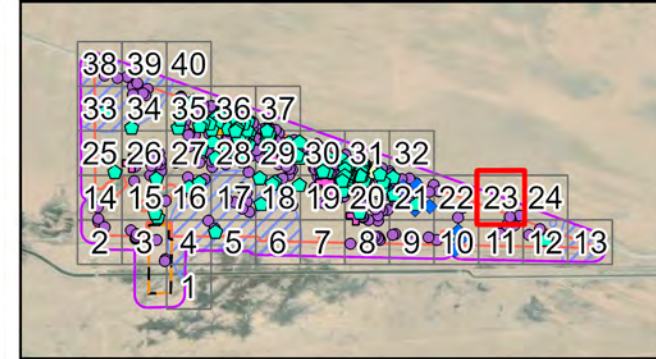
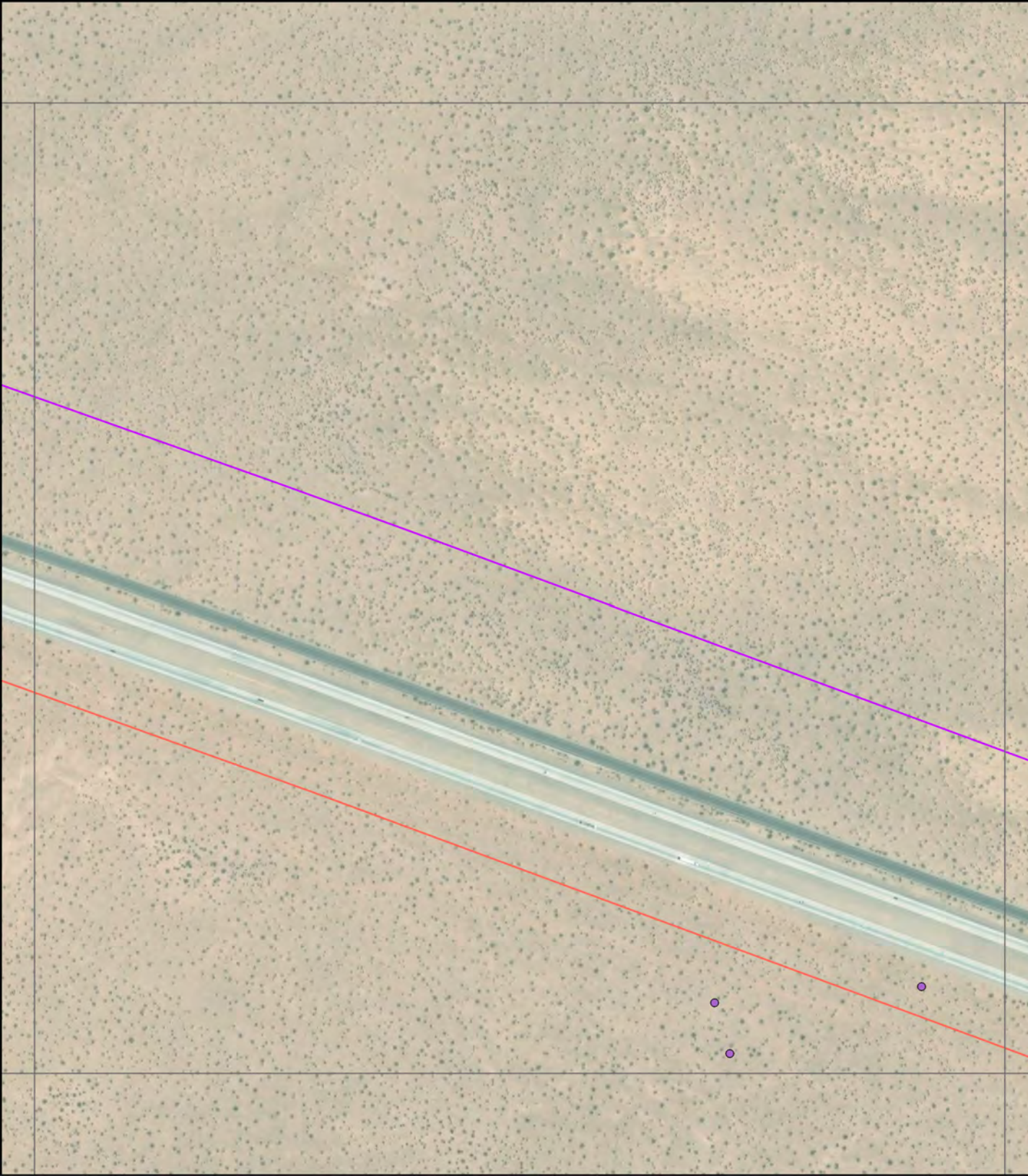
- Flat-tailed horned lizard (scat or tracks)
- 1000 Ft Buffer From Proposed Project Fence Line
- Proposed Project Fence Line



Ironwood
Consulting

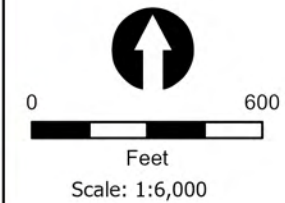
**Noteworthy Reptile
Observations: 22**

Perkins CEC



Sign

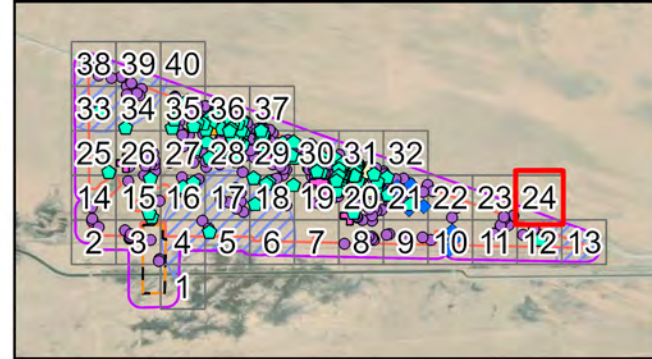
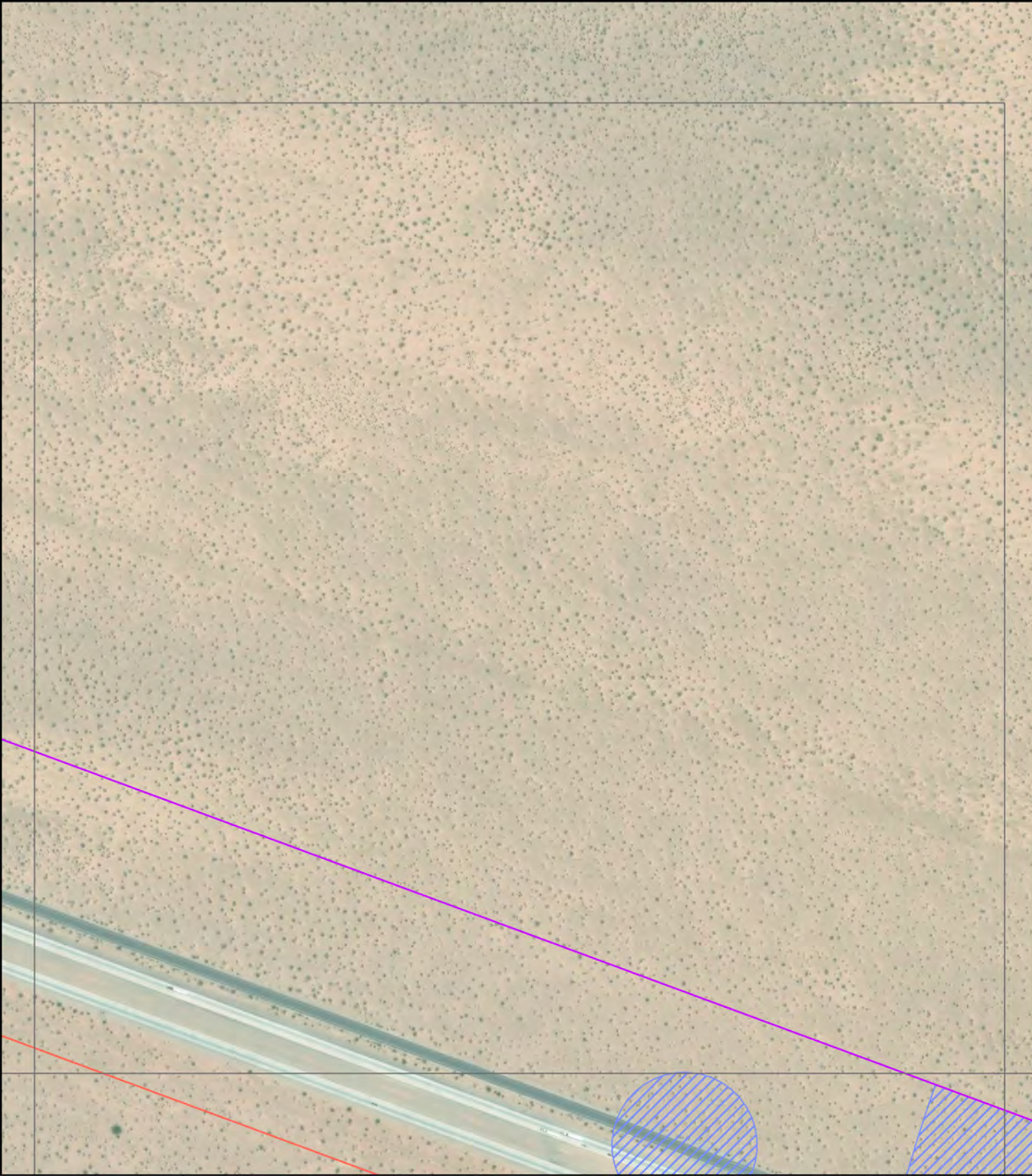
- Flat-tailed horned lizard (scat or tracks)
- 1000 Ft Buffer From Proposed Project Fence Line
- Proposed Project Fence Line



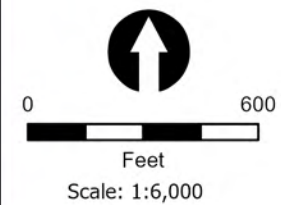
Ironwood
Consulting

Noteworthy Reptile
Observations: 23

Perkins CEC



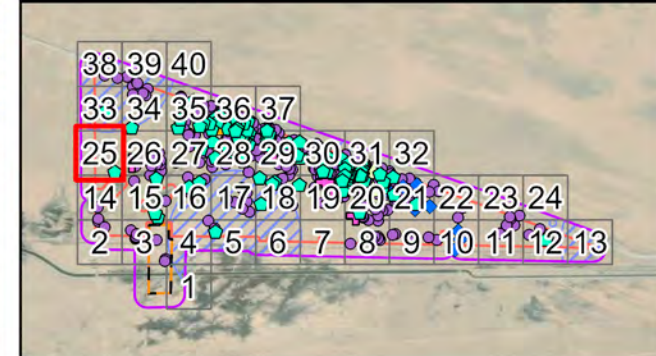
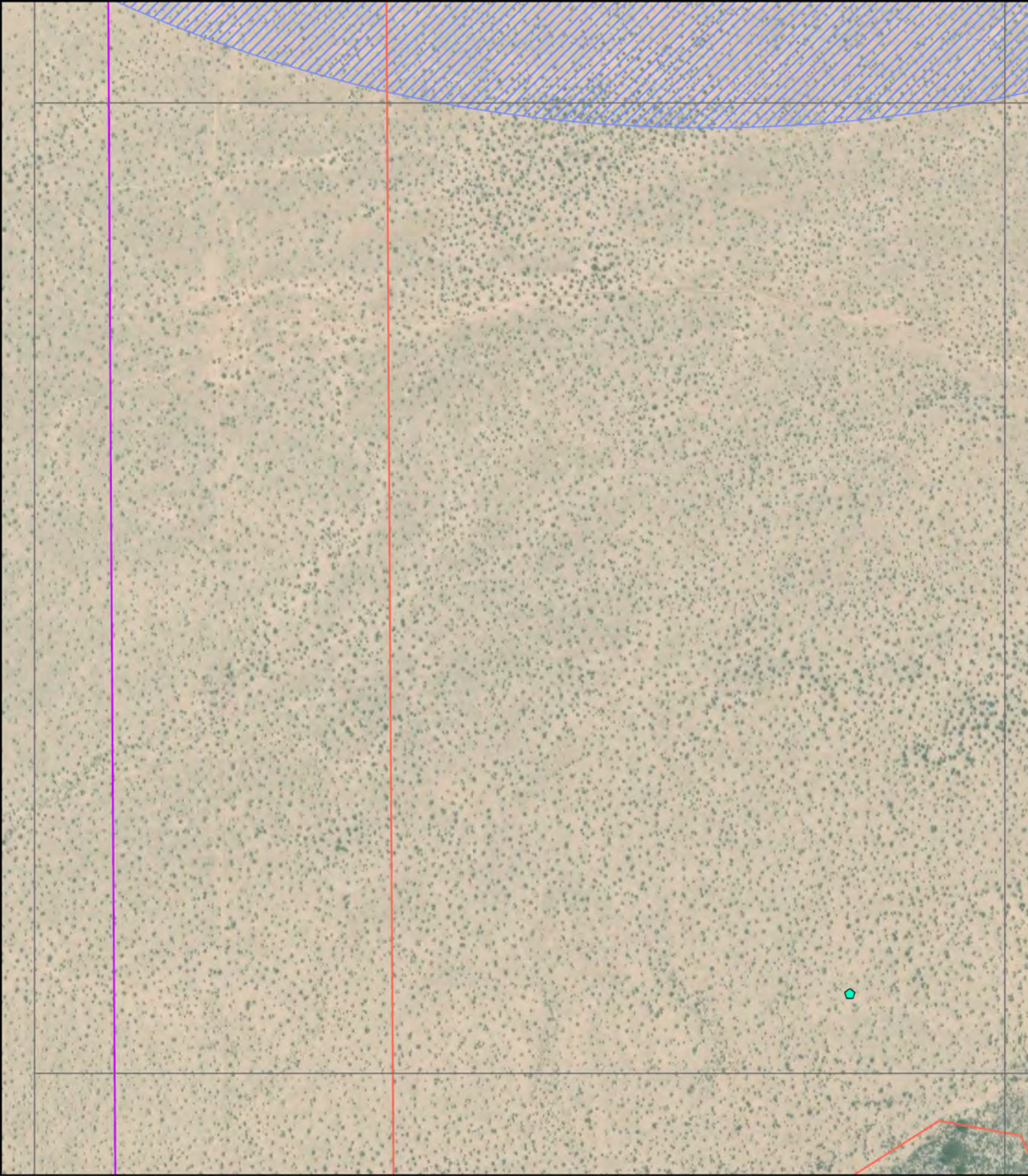
-  1000 Ft Buffer From Proposed Project Fence Line
-  Proposed Project Fence Line
- CNDDDB Data**
-  flat-tailed horned lizard (*Phrynosoma mcallii*)



Ironwood
Consulting

**Noteworthy Reptile
Observations: 24**

Perkins CEC

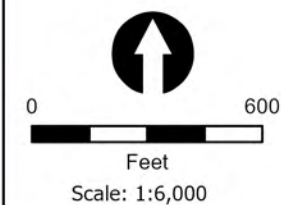


Live Individual

-  Flat-tailed horned lizard (live individual)
-  1000 Ft Buffer From Proposed Project Fence Line
-  Proposed Project Fence Line

CNDDDB Data

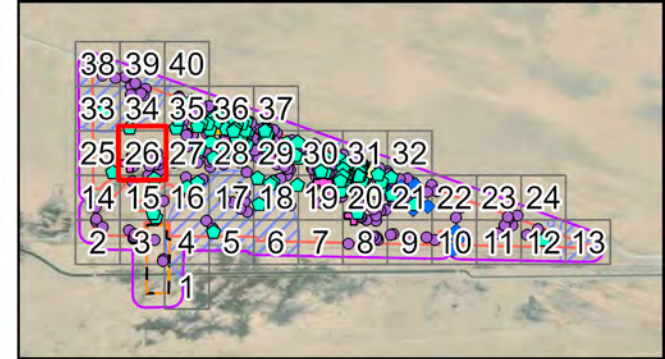
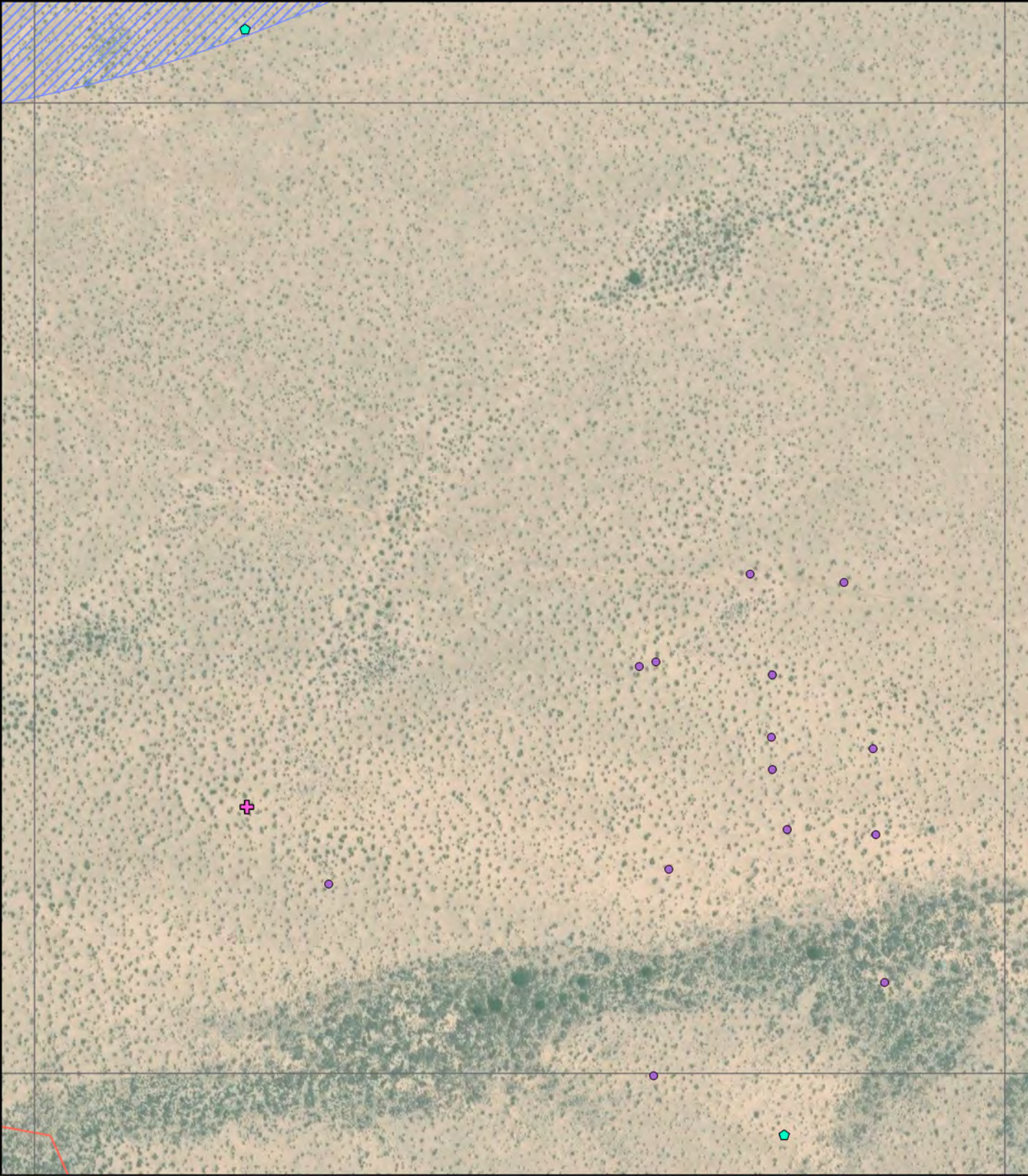
-  flat-tailed horned lizard (*Phrynosoma mcallii*)



Ironwood
Consulting

Noteworthy Reptile
Observations: 25

Perkins CEC



Live Individual

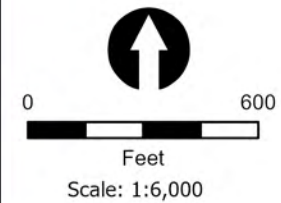
-  Flat-tailed horned lizard (live individual)

Sign

-  Flat-tailed horned lizard (scat or tracks)
-  Flat-tailed horned lizard (carcass)
-  1000 Ft Buffer From Proposed Project Fence Line
-  Proposed Project Fence Line

CNDDDB Data

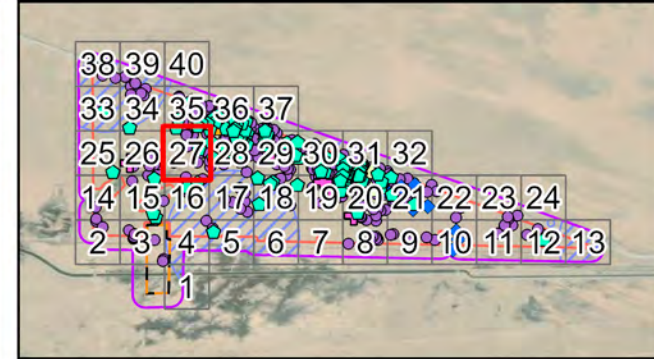
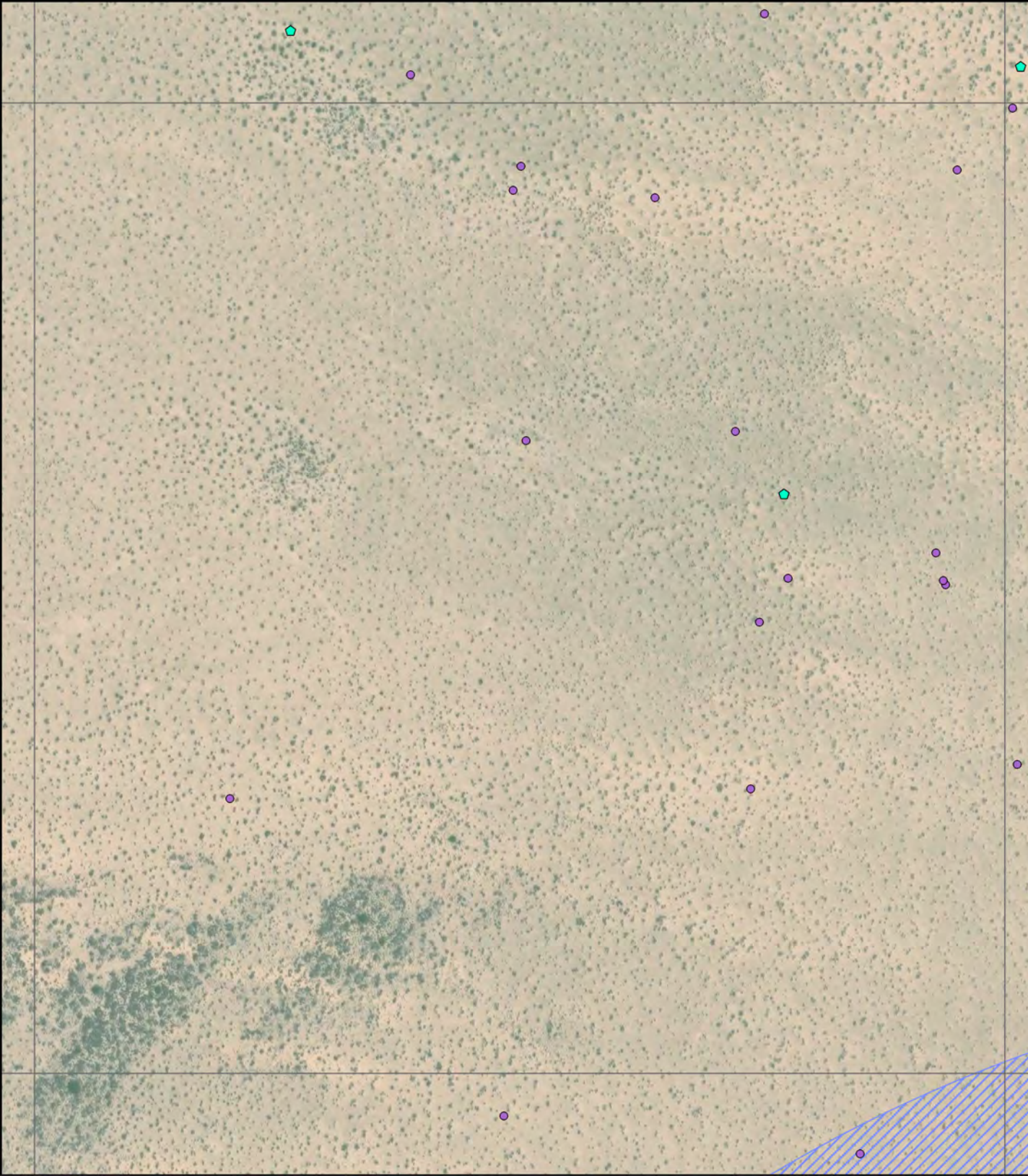
-  flat-tailed horned lizard (*Phrynosoma mcallii*)



Ironwood
Consulting

Noteworthy Reptile
Observations: 26

Perkins CEC



Live Individual

-  Flat-tailed horned lizard (live individual)

Sign

-  Flat-tailed horned lizard (scat or tracks)

-  1000 Ft Buffer From Proposed Project Fence Line

-  Proposed Project Fence Line

CNDDDB Data

-  flat-tailed horned lizard (*Phrynosoma mcallii*)

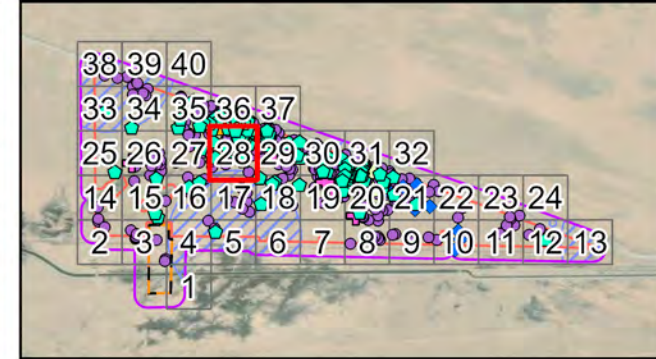
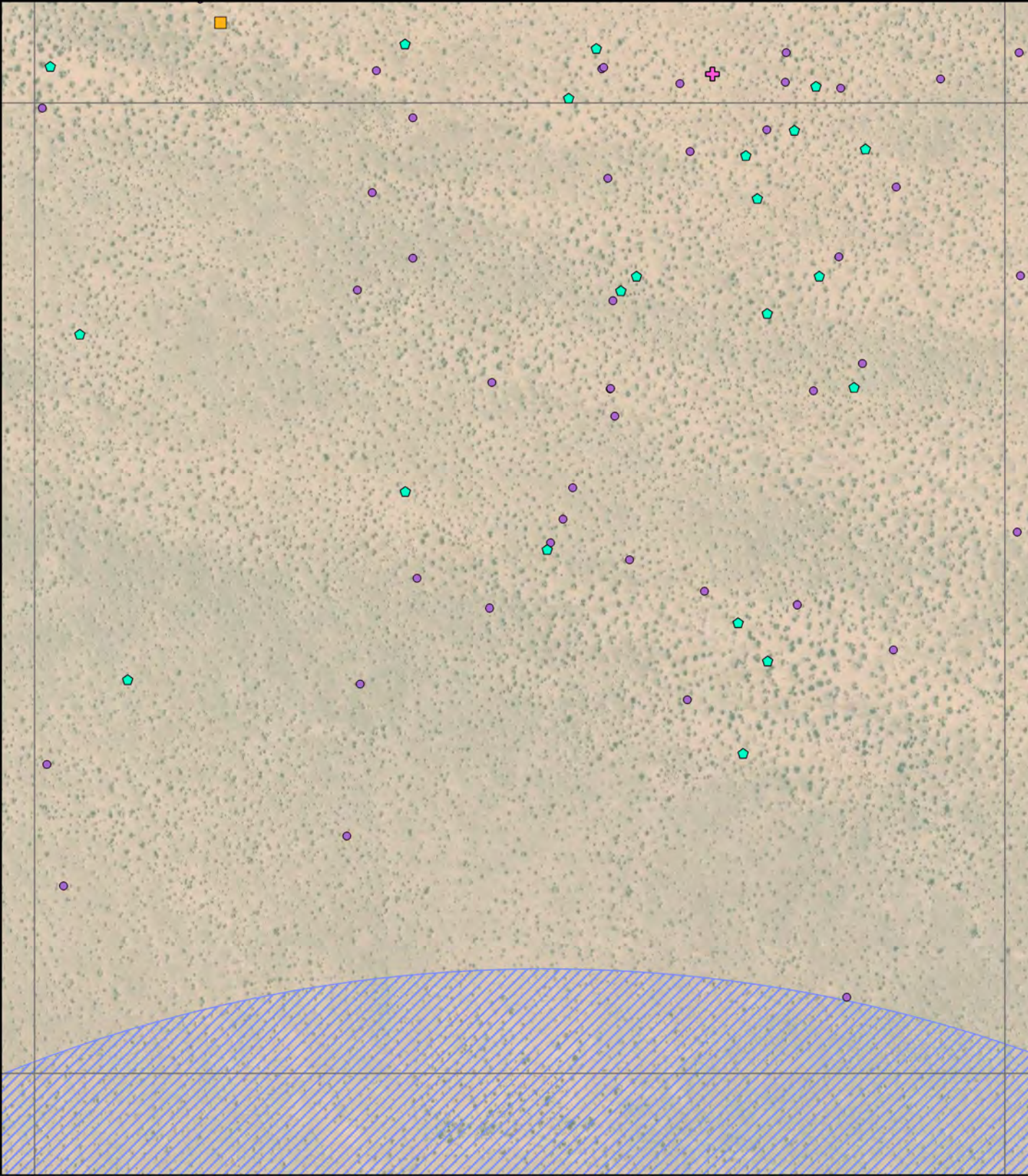


0 600
Feet
Scale: 1:6,000

Ironwood
Consulting

Noteworthy Reptile
Observations: 27

Perkins CEC



Live Individual

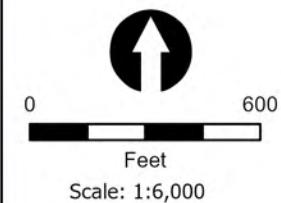
-  Flat-tailed horned lizard (live individual)
-  Colorado Fringe-Toed Lizard (live individual)

Sign

-  Flat-tailed horned lizard (scat or tracks)
-  Flat-tailed horned lizard (carcass)
-  1000 Ft Buffer From Proposed Project Fence Line
-  Proposed Project Fence Line

CNDDDB Data

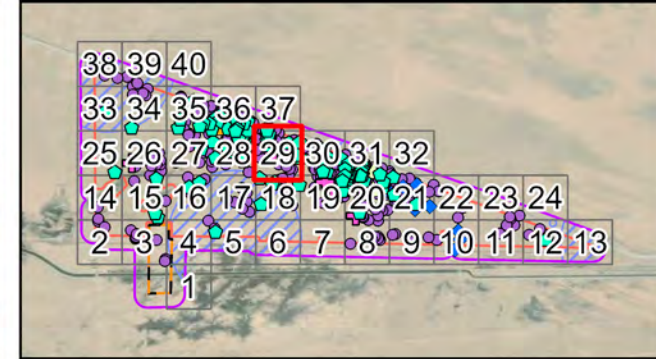
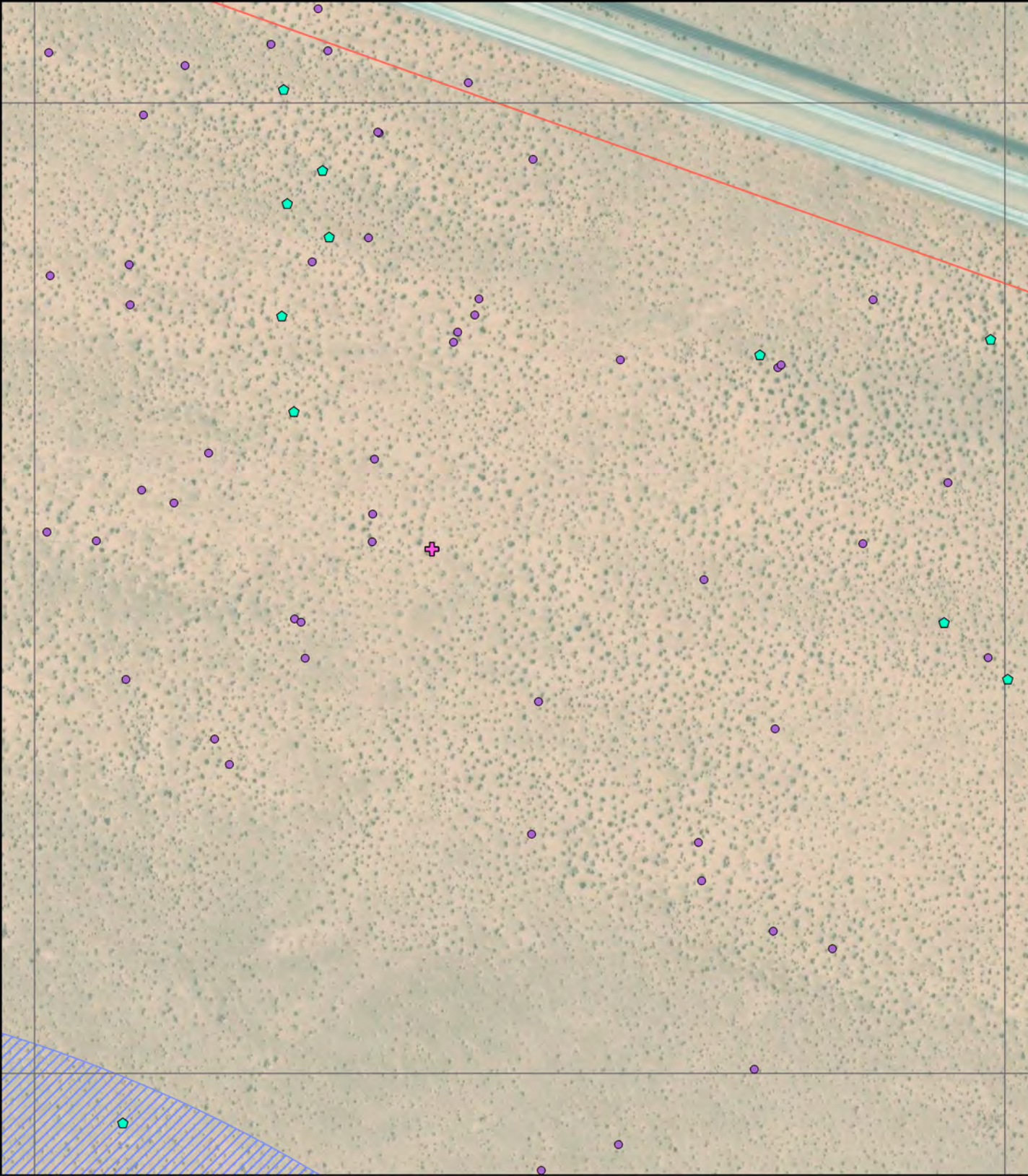
-  flat-tailed horned lizard (*Phrynosoma mcallii*)



**Ironwood
Consulting**

**Noteworthy Reptile
Observations: 28**

Perkins CEC



Live Individual

-  Flat-tailed horned lizard (live individual)

Sign

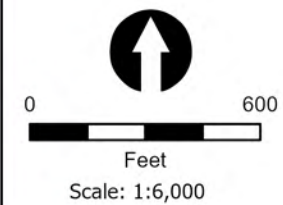
-  Flat-tailed horned lizard (scat or tracks)
-  Flat-tailed horned lizard (carcass)

-  1000 Ft Buffer From Proposed Project Fence Line

-  Proposed Project Fence Line

CNDDDB Data

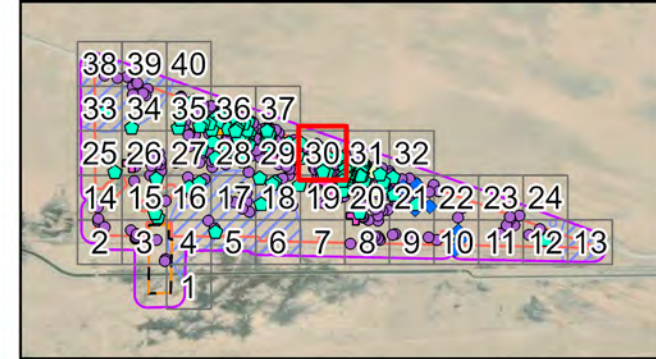
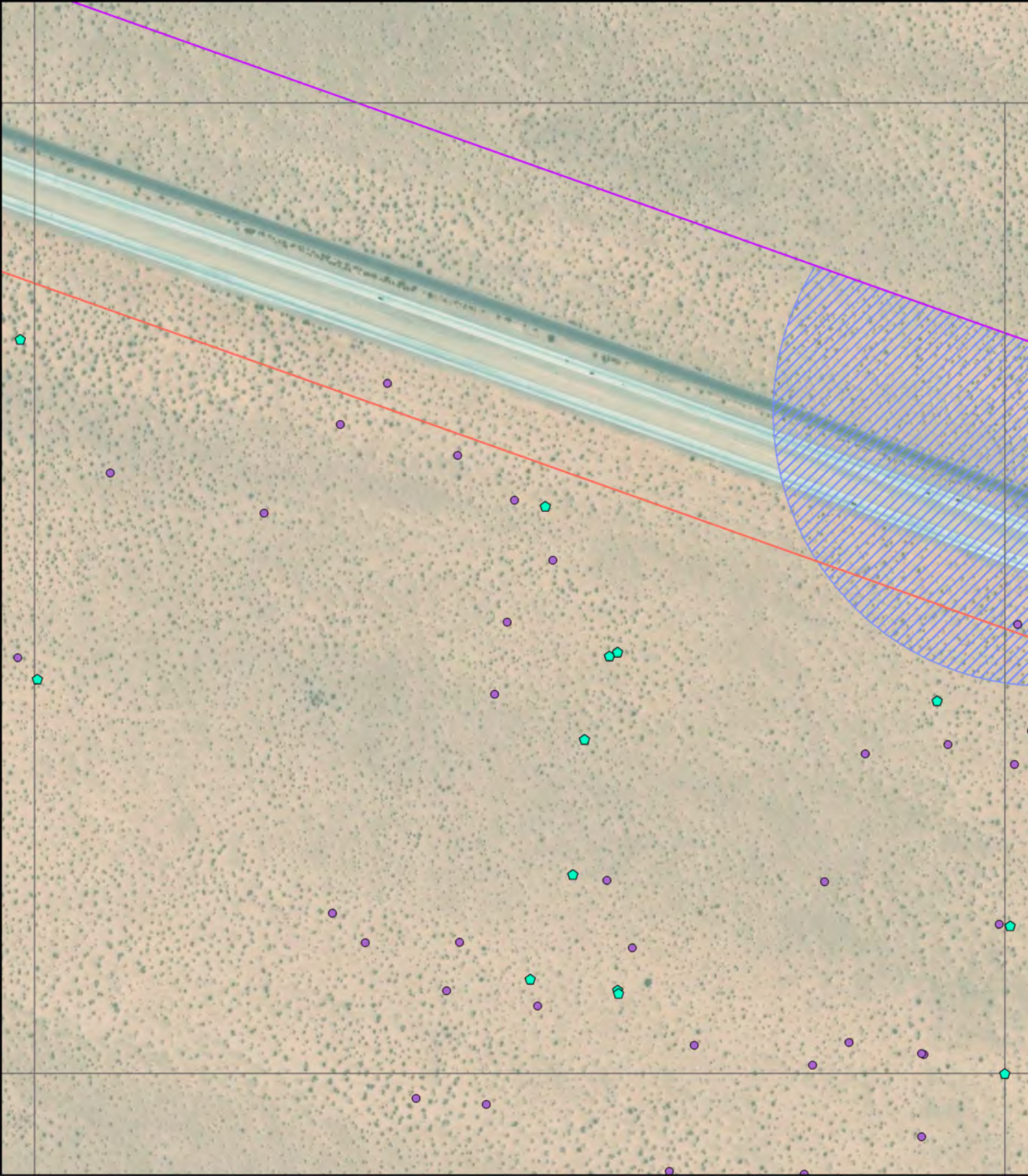
-  flat-tailed horned lizard (*Phrynosoma mcallii*)



**Ironwood
Consulting**

**Noteworthy Reptile
Observations: 29**

Perkins CEC



Live Individual

- Flat-tailed horned lizard (live individual)

Sign

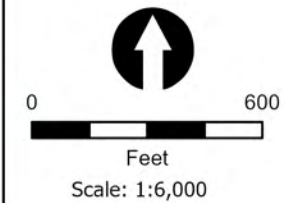
- Flat-tailed horned lizard (scat or tracks)

- 1000 Ft Buffer From Proposed Project Fence Line

- Proposed Project Fence Line

CNDDDB Data

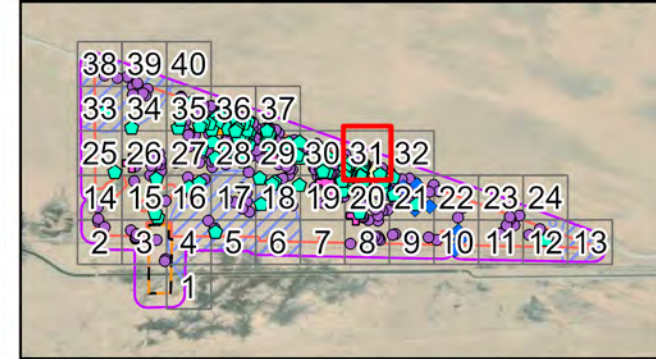
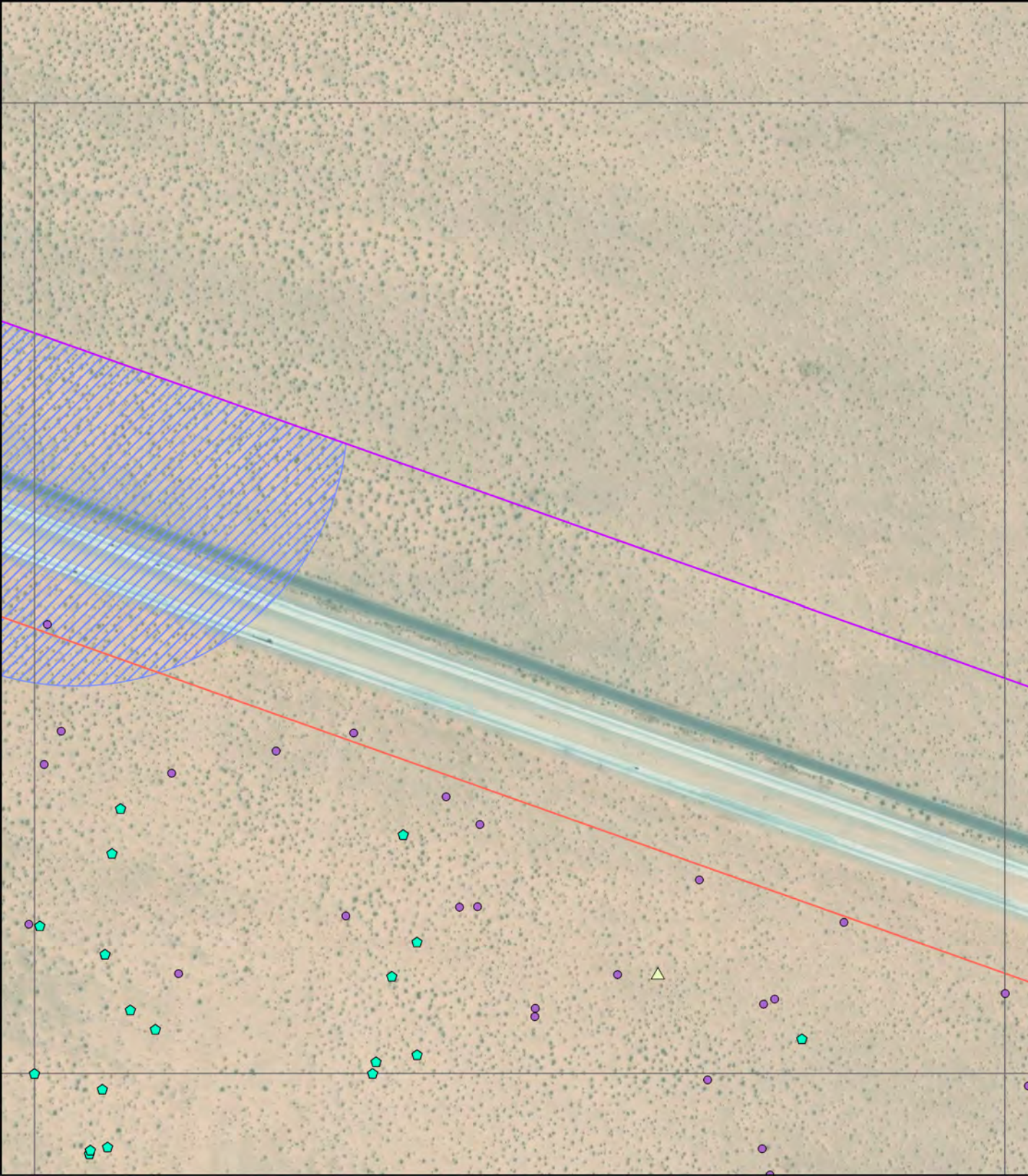
- flat-tailed horned lizard (*Phrynosoma mcallii*)



Ironwood
Consulting

Noteworthy Reptile
Observations: 30

Perkins CEC



Live Individual

- Flat-tailed horned lizard (live individual)

Sign

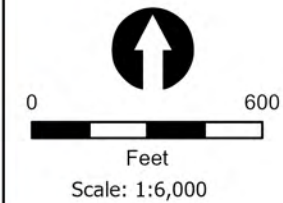
- Colorado Fringe-Toed Lizard (tracks)
- Flat-tailed horned lizard (scat or tracks)

- 1000 Ft Buffer From Proposed Project Fence Line

- Proposed Project Fence Line

CNDDDB Data

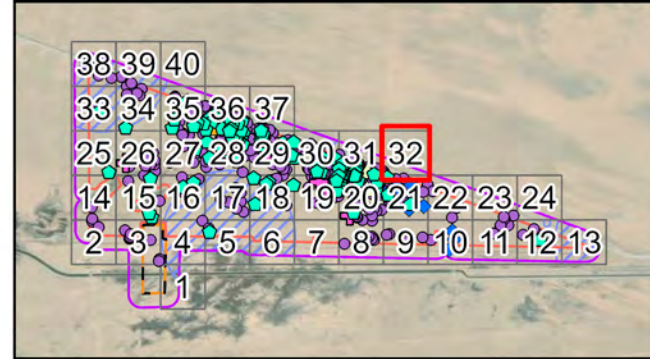
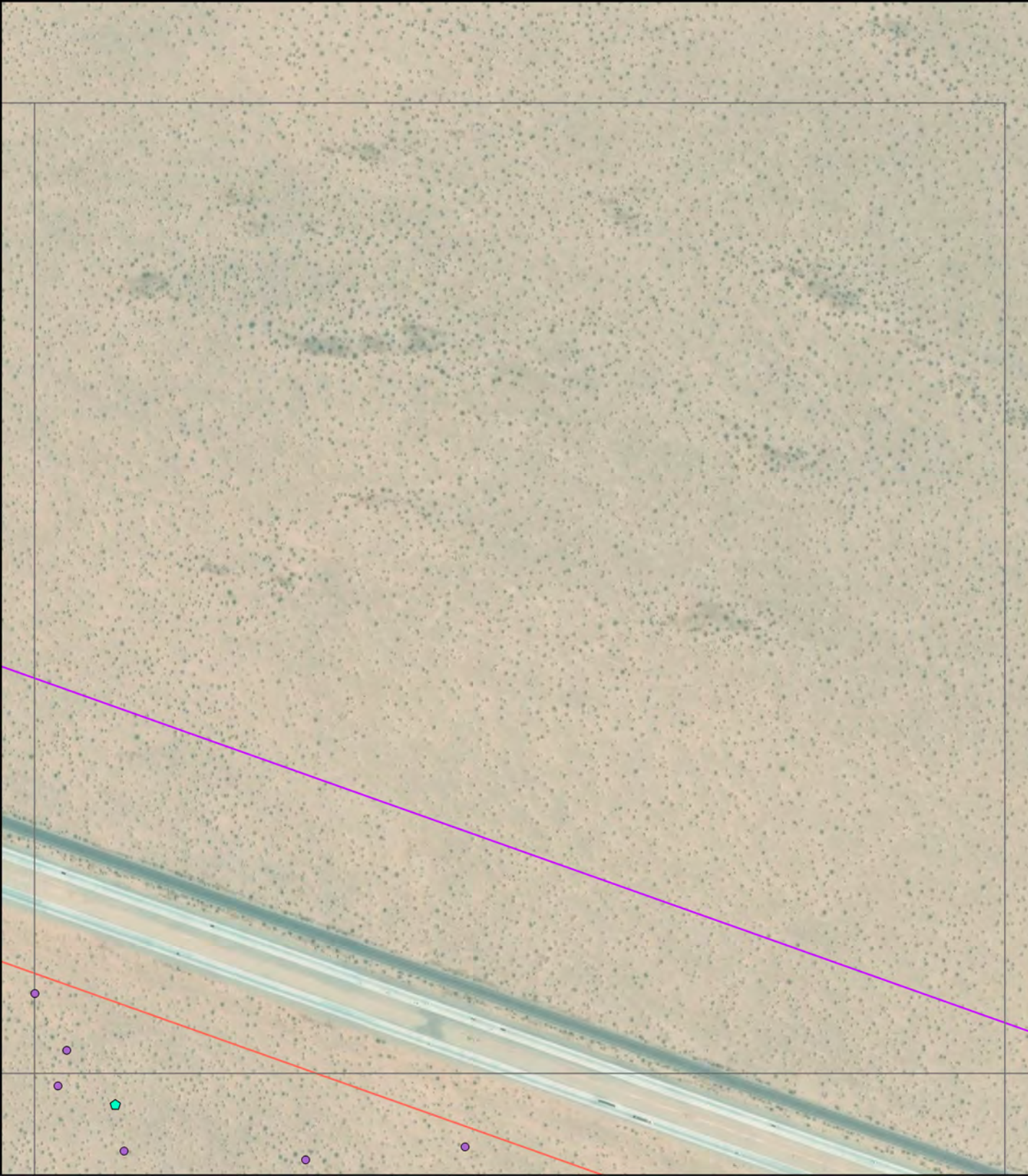
- flat-tailed horned lizard (*Phrynosoma mcallii*)



Ironwood
Consulting

Noteworthy Reptile
Observations: 31

Perkins CEC



Live Individual

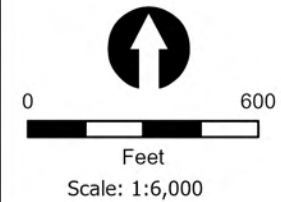
- Flat-tailed horned lizard (live individual)

Sign

- Flat-tailed horned lizard (scat or tracks)

- 1000 Ft Buffer From Proposed Project Fence Line

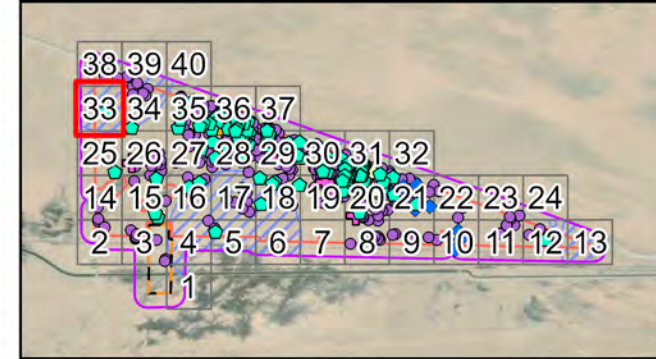
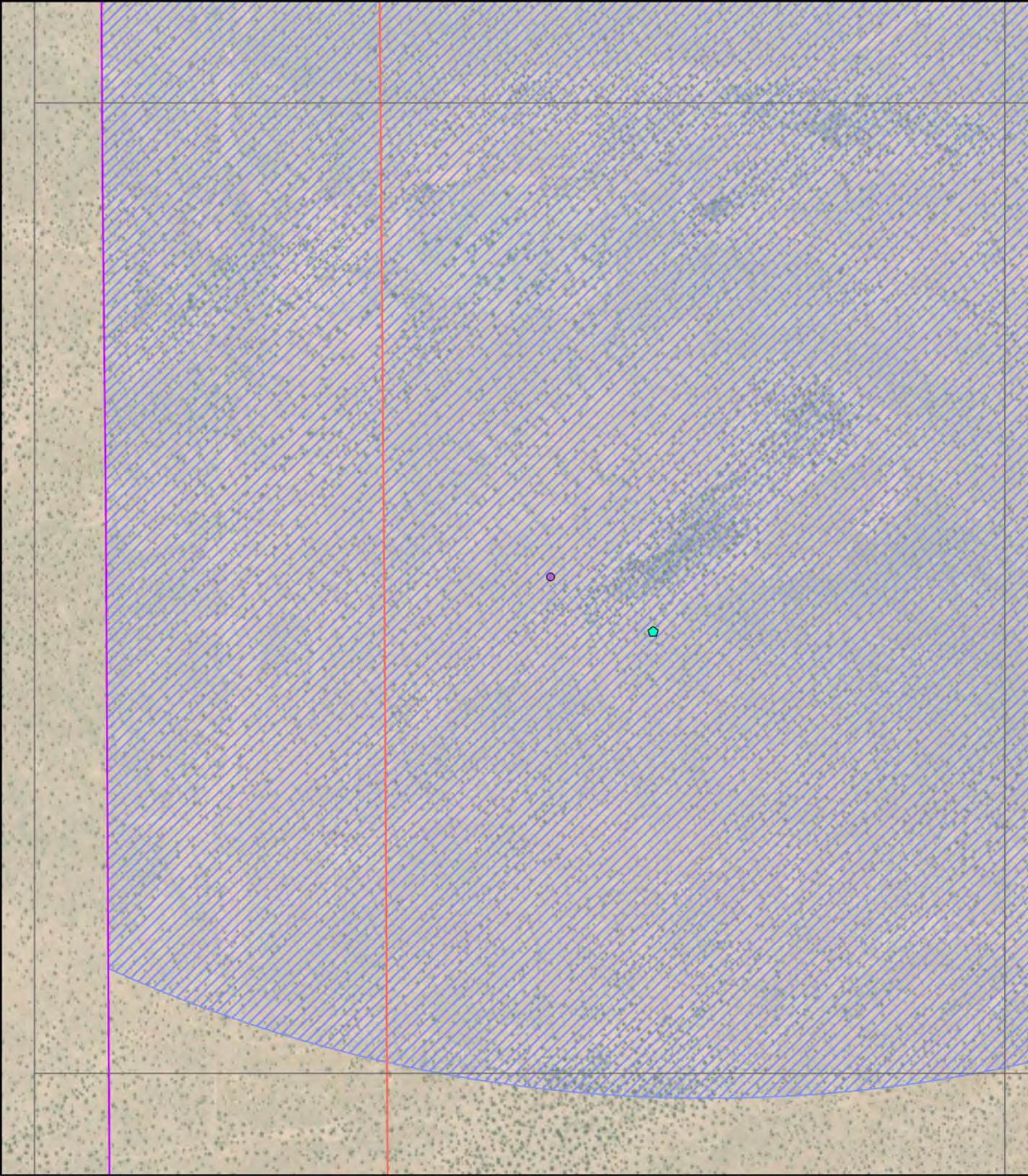
- Proposed Project Fence Line



Ironwood
Consulting

Noteworthy Reptile
Observations: 32

Perkins CEC



Live Individual

- Flat-tailed horned lizard (live individual)

Sign

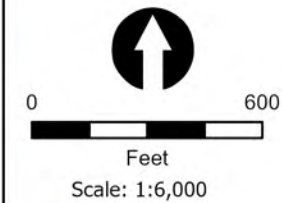
- Flat-tailed horned lizard (scat or tracks)

- 1000 Ft Buffer From Proposed Project Fence Line

- Proposed Project Fence Line

CNDDDB Data

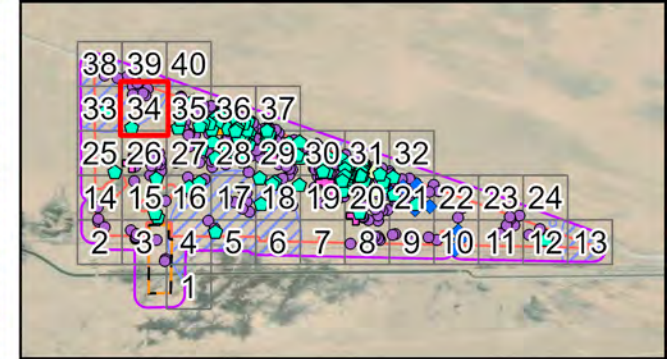
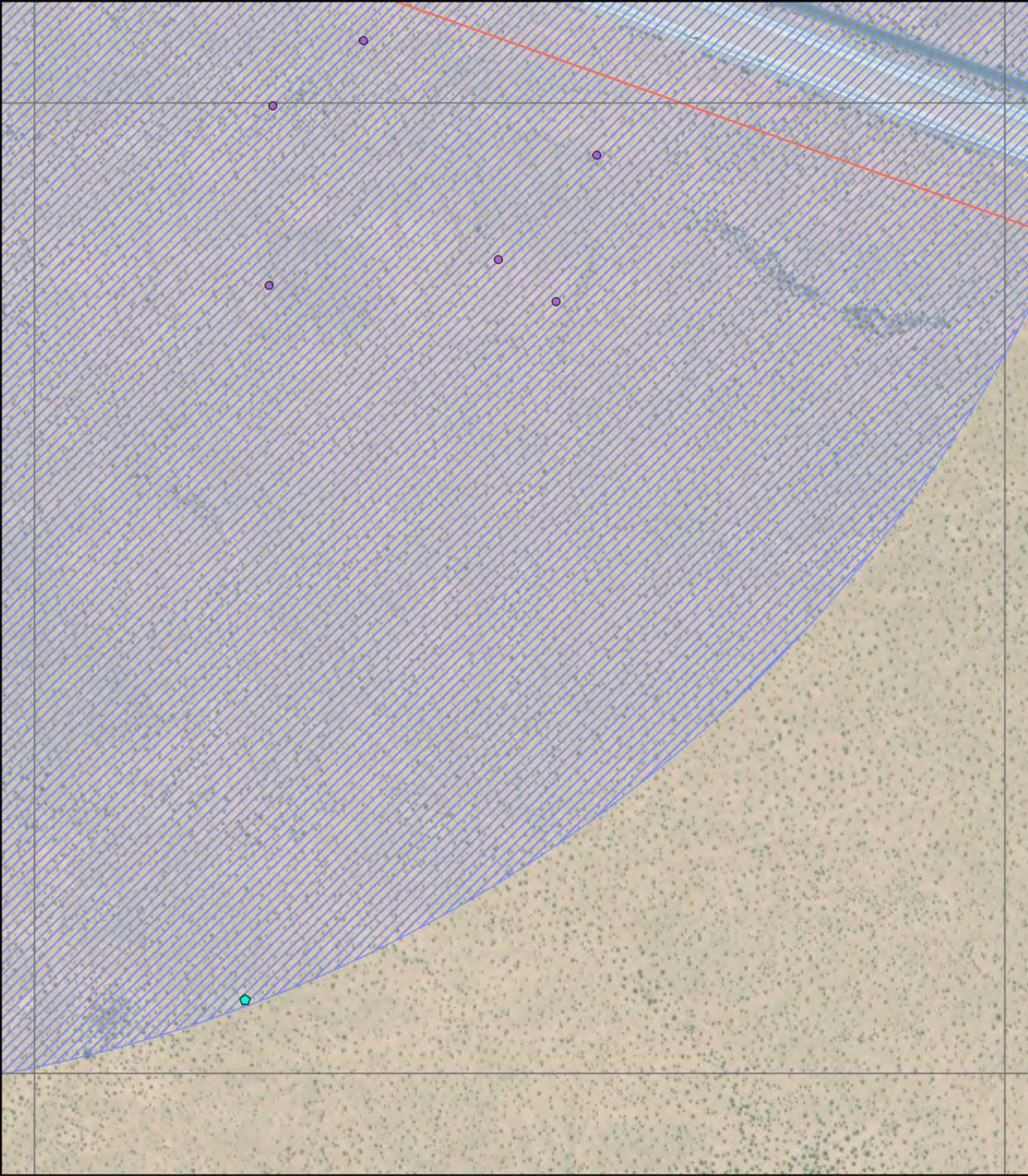
- flat-tailed horned lizard (*Phrynosoma mcallii*)



Ironwood
Consulting

Noteworthy Reptile
Observations: 33

Perkins CEC



Live Individual

- Flat-tailed horned lizard (live individual)

Sign

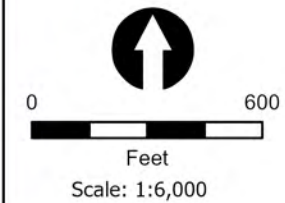
- Flat-tailed horned lizard (scat or tracks)

- 1000 Ft Buffer From Proposed Project Fence Line

- Proposed Project Fence Line

CNDDDB Data

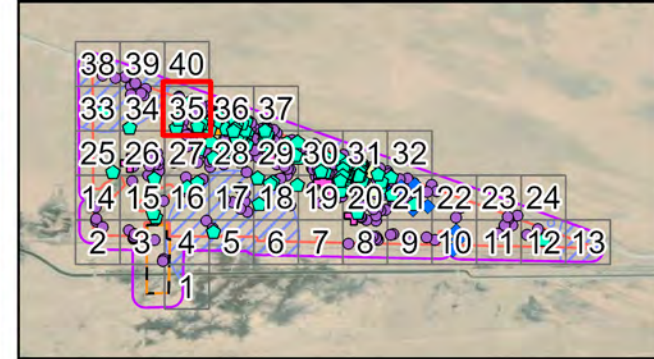
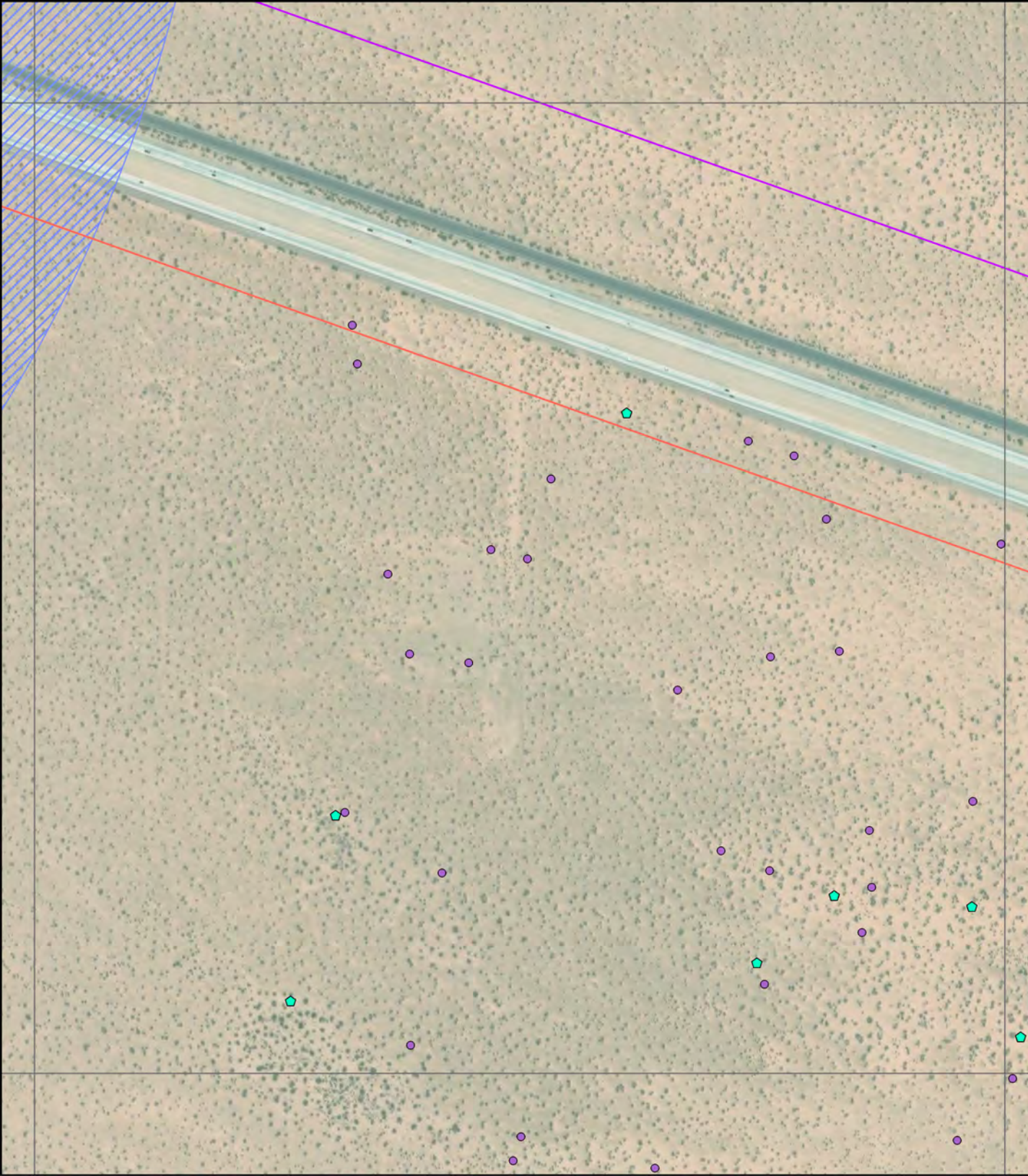
- flat-tailed horned lizard (*Phrynosoma mcallii*)



Ironwood
Consulting

Noteworthy Reptile
Observations: 34

Perkins CEC



Live Individual

- Flat-tailed horned lizard (live individual)

Sign

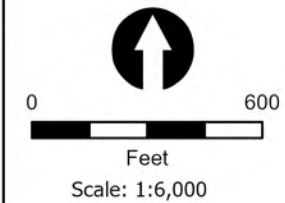
- Flat-tailed horned lizard (scat or tracks)

- 1000 Ft Buffer From Proposed Project Fence Line

- Proposed Project Fence Line

CNDDDB Data

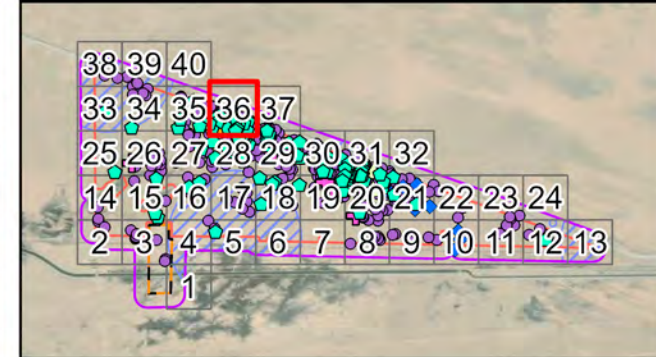
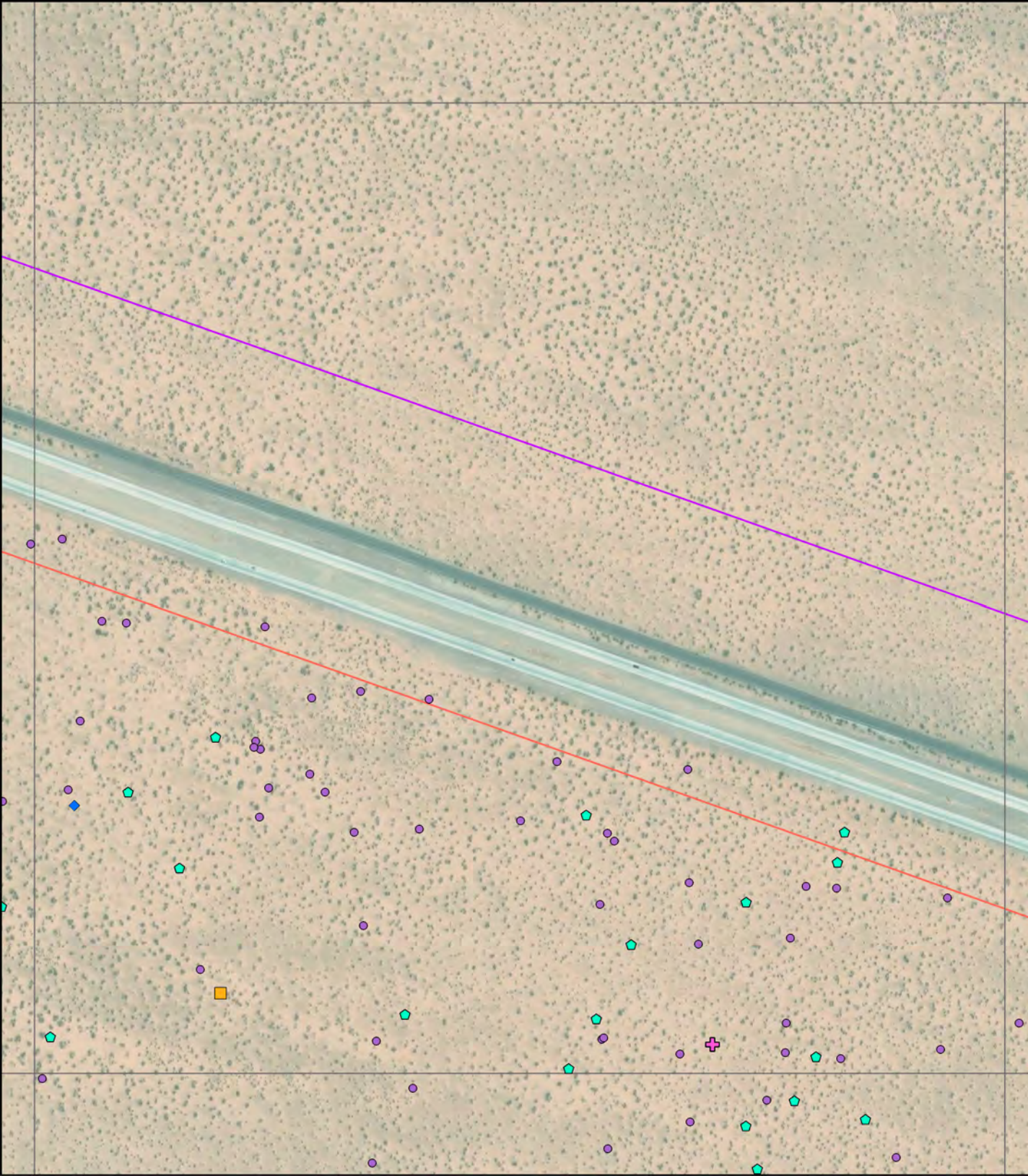
- flat-tailed horned lizard (*Phrynosoma mcallii*)



Ironwood
Consulting

Noteworthy Reptile
Observations: 35

Perkins CEC



Live Individual

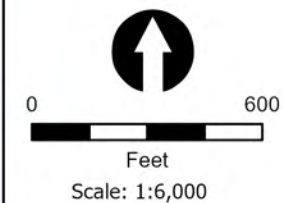
-  Flat-tailed horned lizard (live individual)
-  Colorado Fringe-Toed Lizard (live individual)

Sign

-  Flat-tailed horned lizard (forage - ant hill)
-  Flat-tailed horned lizard (scat or tracks)
-  Flat-tailed horned lizard (carcass)

 1000 Ft Buffer From Proposed Project Fence Line

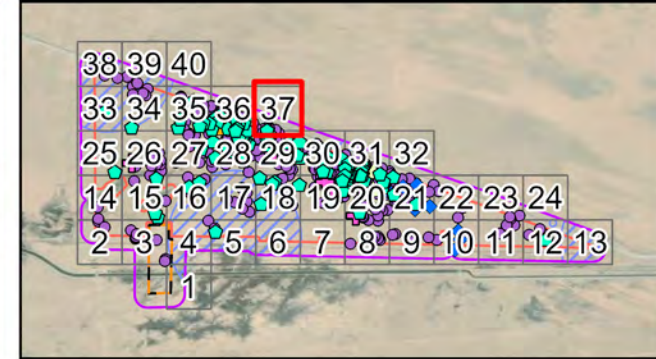
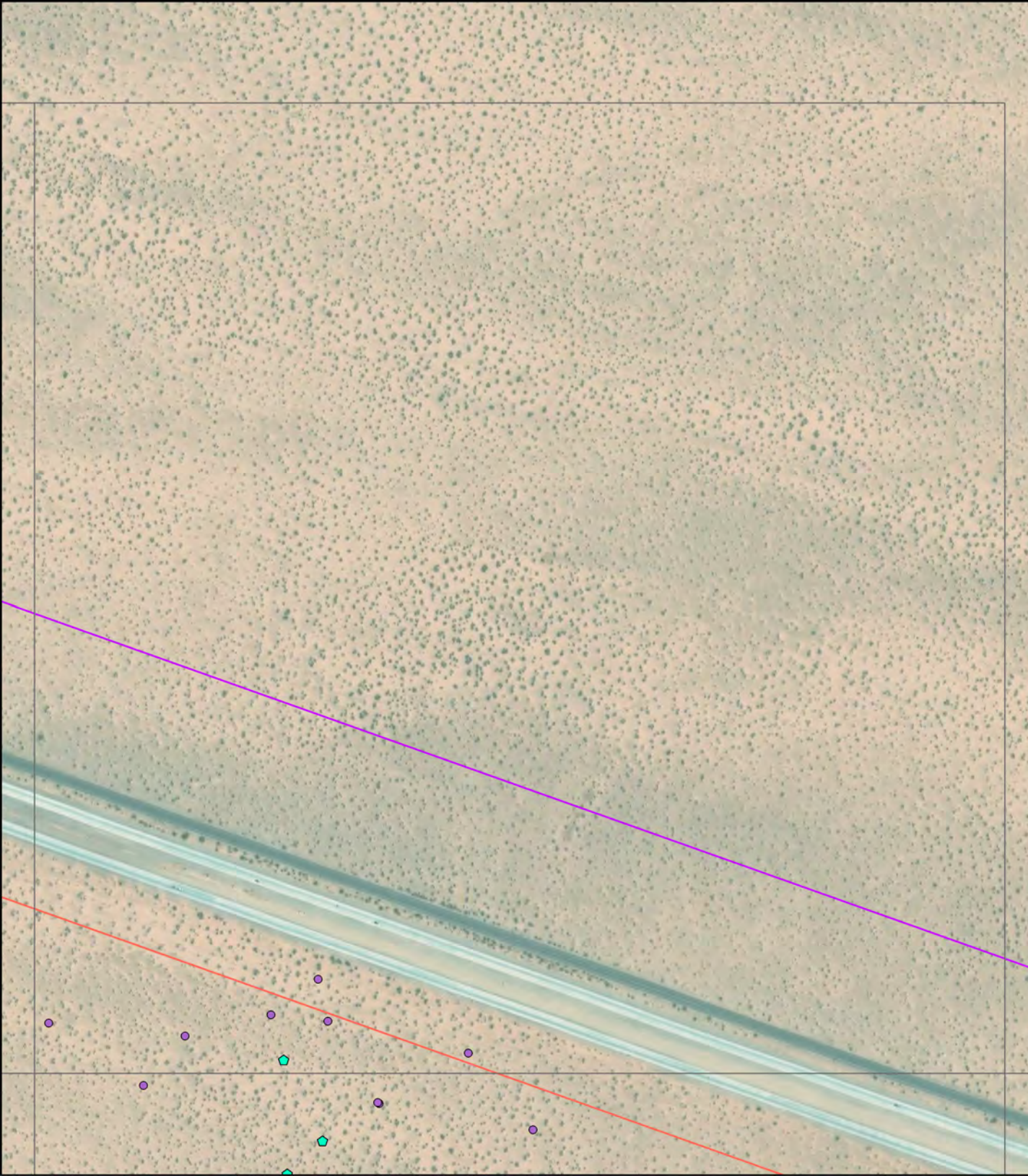
 Proposed Project Fence Line



**Ironwood
Consulting**

**Noteworthy Reptile
Observations: 36**

Perkins CEC



Live Individual

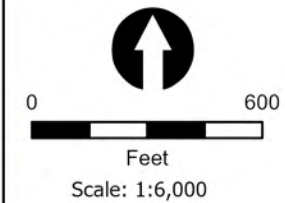
- Flat-tailed horned lizard (live individual)

Sign

- Flat-tailed horned lizard (scat or tracks)

- 1000 Ft Buffer From Proposed Project Fence Line

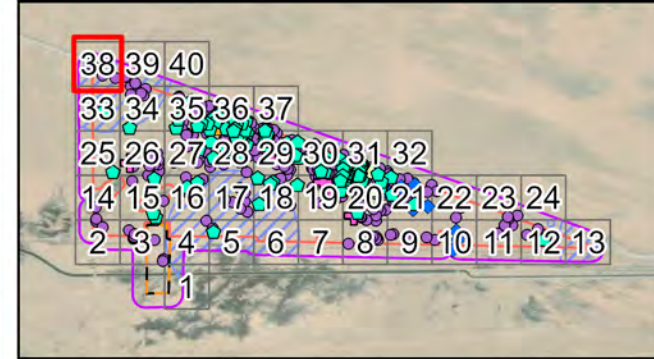
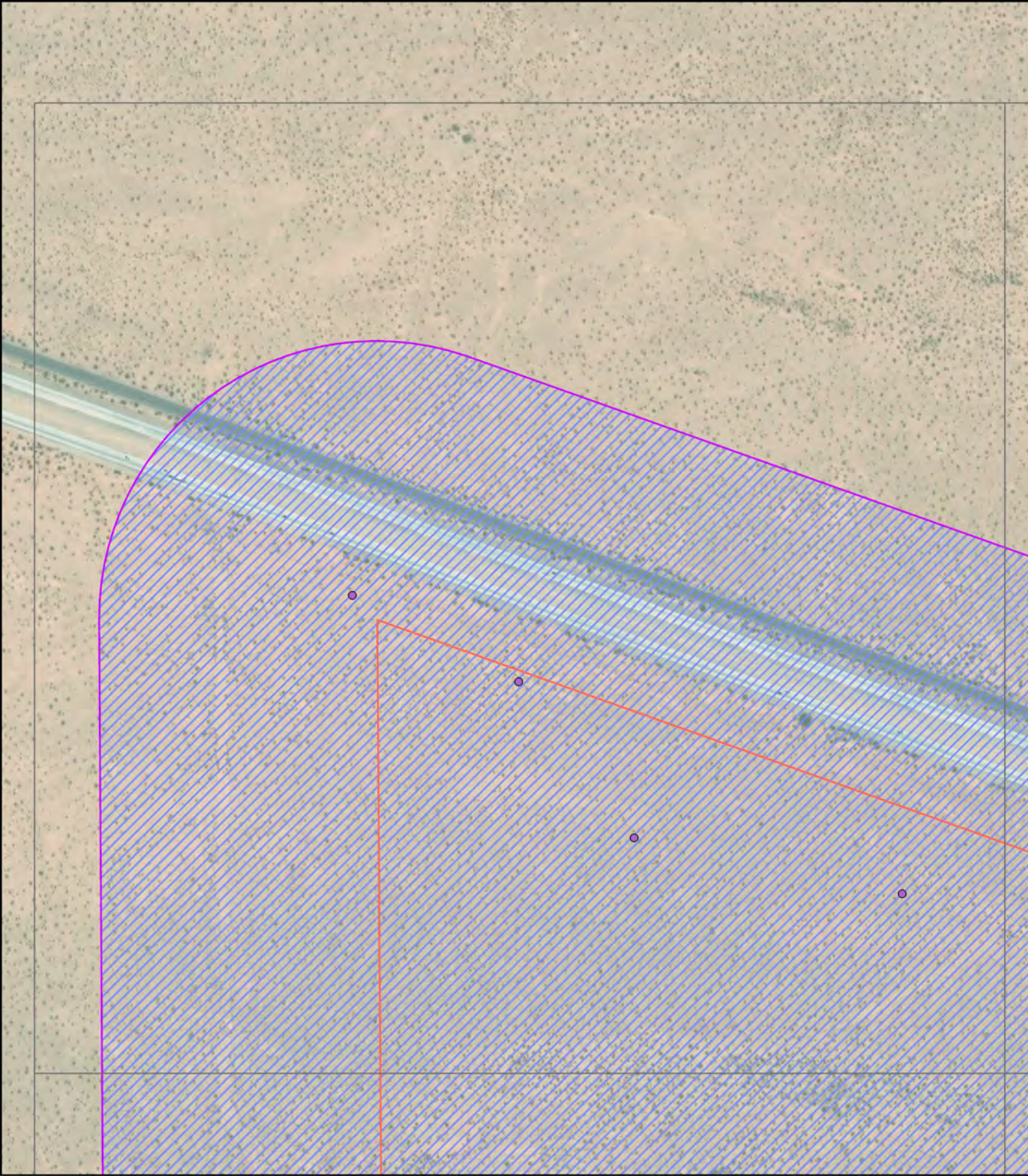
- Proposed Project Fence Line



**Ironwood
Consulting**

**Noteworthy Reptile
Observations: 37**

Perkins CEC

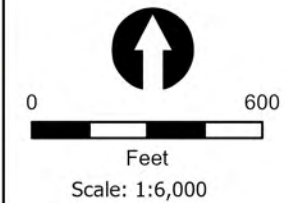


Sign

- Flat-tailed horned lizard (scat or tracks)
- 1000 Ft Buffer From Proposed Project Fence Line
- Proposed Project Fence Line

CNDDDB Data

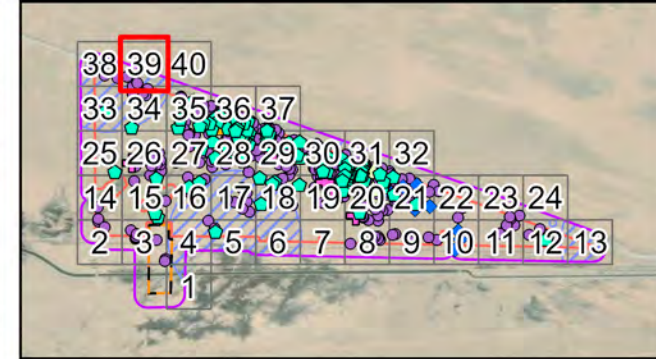
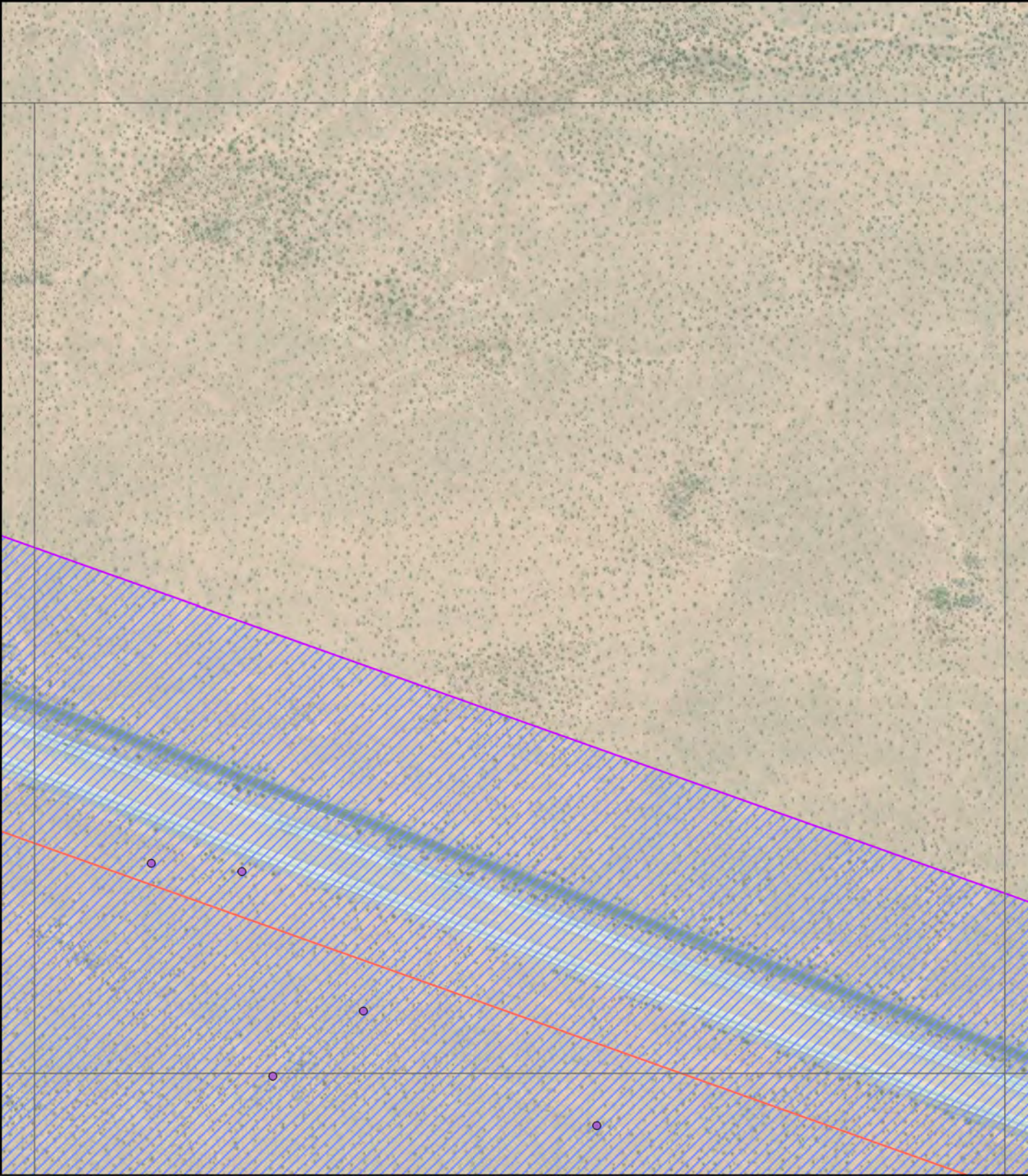
- ▨ flat-tailed horned lizard (*Phrynosoma mcallii*)



Ironwood
Consulting

Noteworthy Reptile
Observations: 38

Perkins CEC

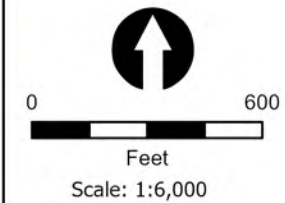


Sign

- Flat-tailed horned lizard (scat or tracks)
- 1000 Ft Buffer From Proposed Project Fence Line
- Proposed Project Fence Line

CNDDDB Data

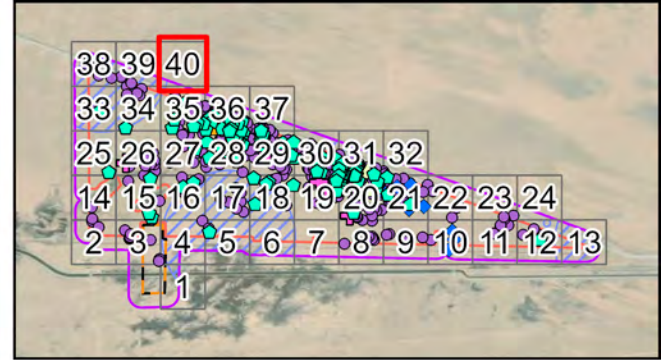
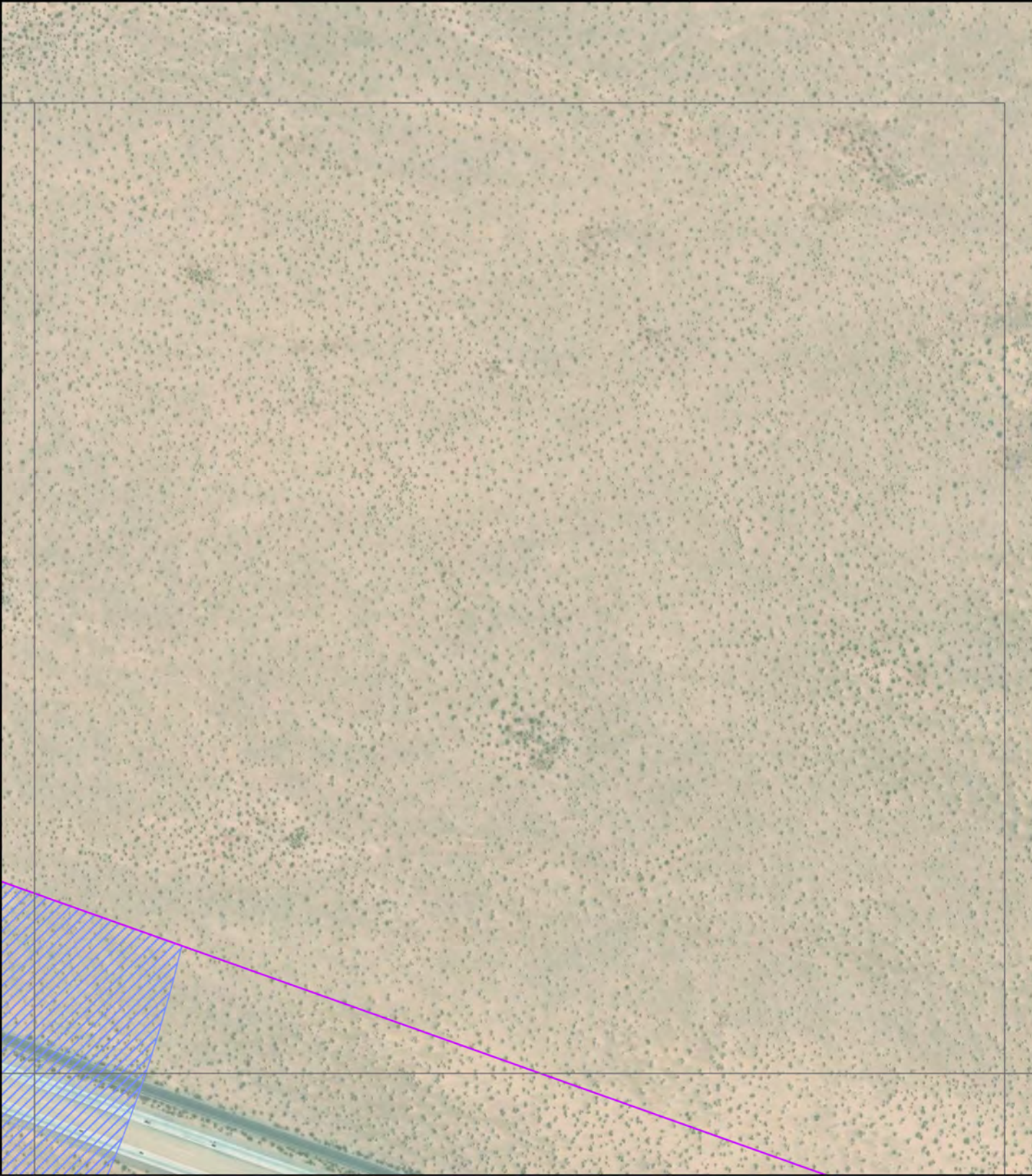
- flat-tailed horned lizard (*Phrynosoma mcallii*)



Ironwood
Consulting

Noteworthy Reptile
Observations: 39

Perkins CEC



 1000 Ft Buffer From Proposed Project Fence Line

CNDDDB Data

 flat-tailed horned lizard (*Phrynosoma mcallii*)



0 600
Feet
Scale: 1:6,000

**Ironwood
Consulting**

**Noteworthy Reptile
Observations: 40**

Perkins CEC