

- ▲ Abandoned Uranium Mine Site
- ◆ Non-AUM Target
- Background Sampling Location
- Field Sampling Group
- Navajo Nation Chapter Boundary
- Access Route - Vehicular

Notes:

1) Access to Group A via unmarked dirt track approximately 18.5 miles west of Teec Nos Pos on Indian Route 35. Site location for Brodie I is 1 mile south of Sweetwater Chapter House on unverified dirt track.
 2) Access to Group B via unmarked dirt road approximately 10.5 miles west from Teec Nos Pos on U.S. Hwy 160. Site location for Block K is 2.4 miles south on dirt road.

Prepared for: U.S. EPA Region 9



Prepared By:



TSE TAH REGION AND SUBAREA MAP

Task Order No.:

TO 001

Contract No.:

EP-S9-17-03

Figure No.:

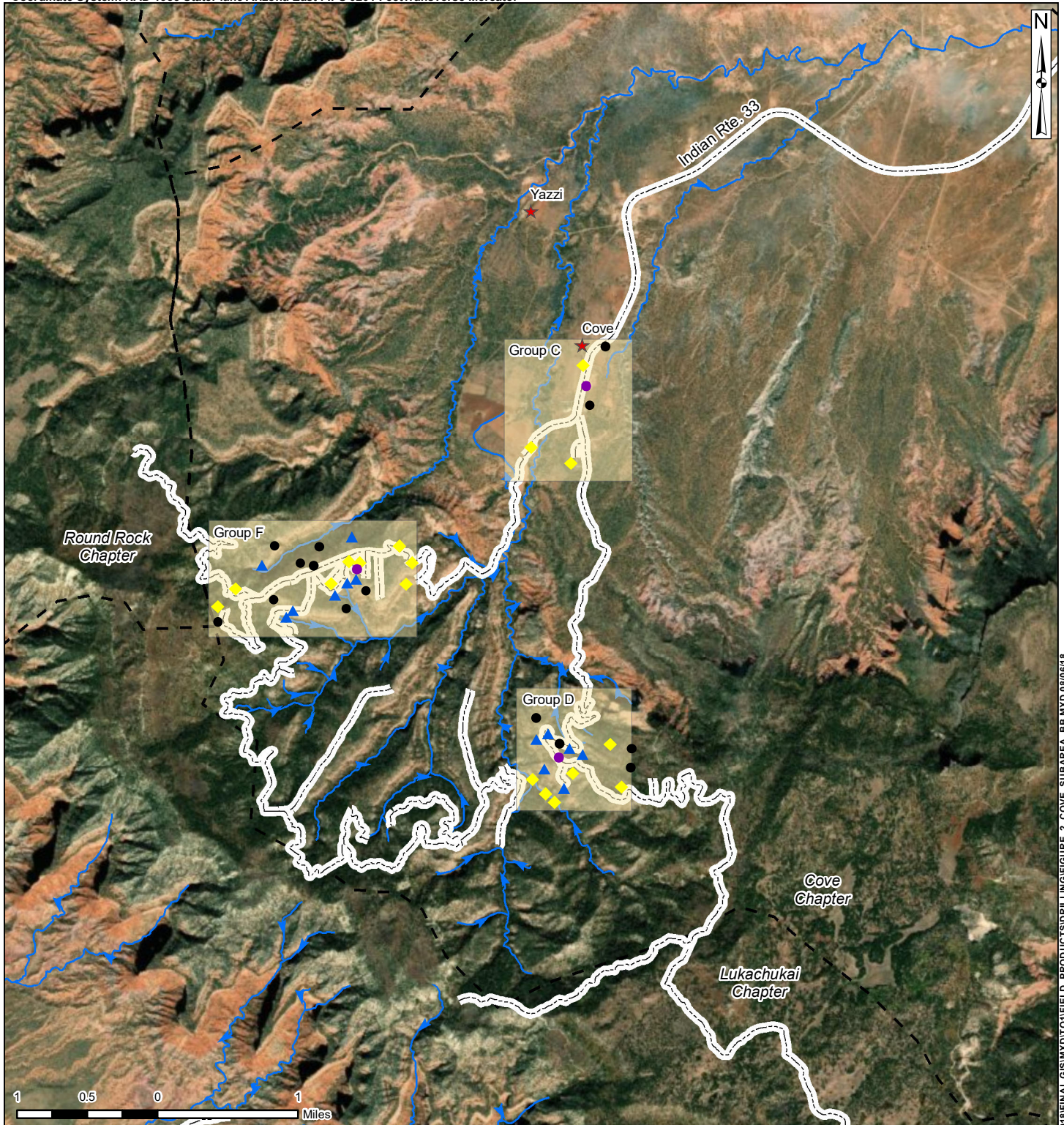
1

Location:

NAVAJO NATION

Date:

8/6/2018



- ★ Populated Place
- ▲ Abandoned Uranium Mine Site
- ◆ Non-AUM Target
- AUM Related Site
- Background Sampling Location
- Drainage
- Navajo Nation Chapter Boundary
- Field Sampling Group

Prepared for: U.S. EPA Region 9



Prepared By:



COVE AND COVE/ROUND ROCK REGION AND SUBAREA MAP

Task Order No.:

TO 001

Contract No.:

EP-S9-17-03

Figure No.:

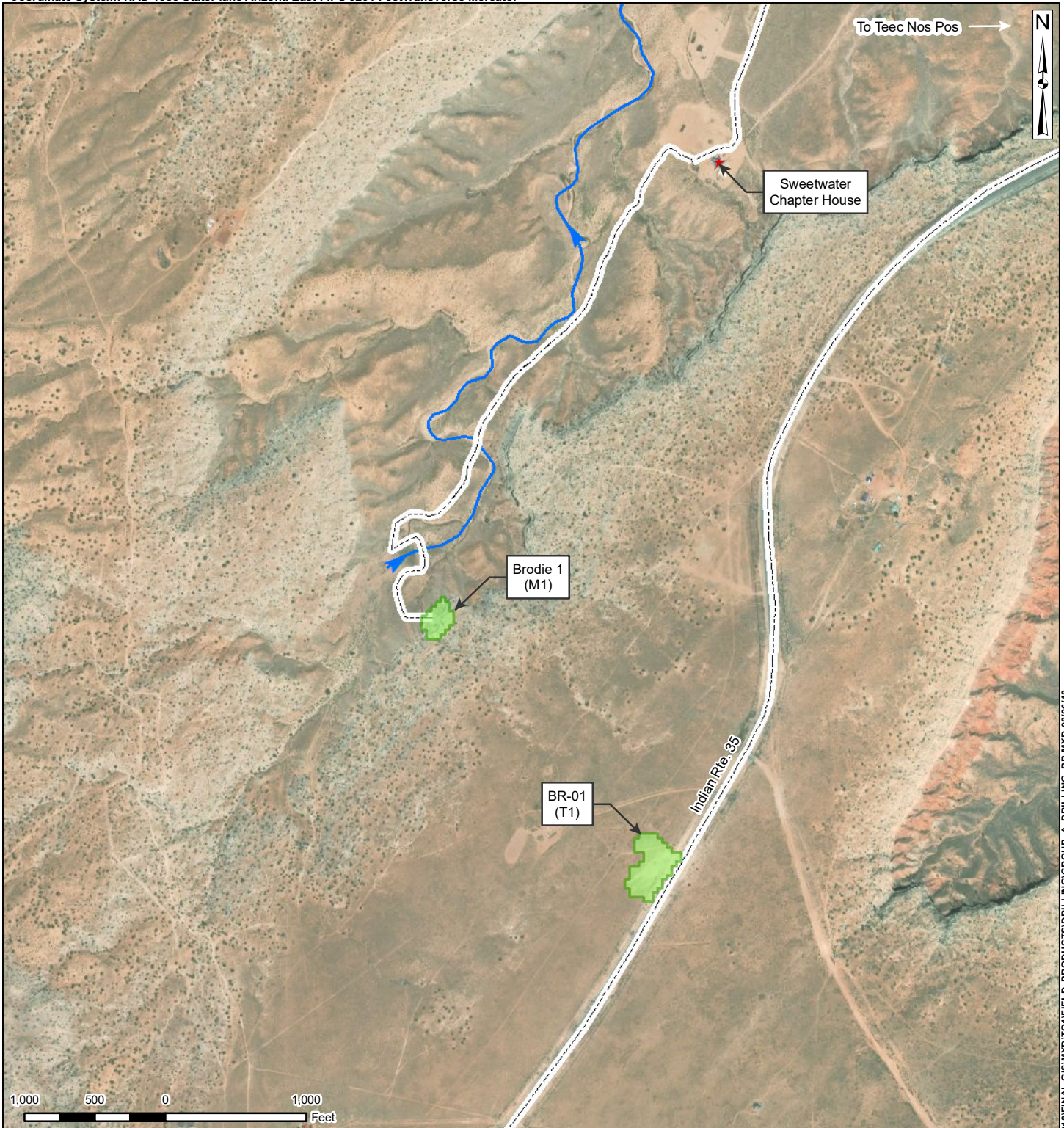
2

Location:

NAVAJO NATION

Date:

8/6/2018



- Project Area Drill Location (Hollow Stem Auger)
- Access Route - Vehicular
- Drainage

Notes:
 1) Access to Brodie I via unverified dirt track approximately 18.5 miles west of Teec Nos Pos on Indian Route 35 and 1 mile south of Sweetwater Chapter House on unverified dirt track.
 2) Access to BR-01 is 120.4 miles west from Teec Nos Pos on Indian Route 35.

Prepared for: U.S. EPA Region 9



Prepared By:



SUBAREA GROUP A POTENTIAL DRILL LOCATIONS TSE TAH REGION

Task Order No.:

TO 001

Contract No.:

EP-S9-17-03

Figure No.:

3

Location:

SWEETWATER CHAPTER
NAVAJO NATION

Date:

8/6/2018



- Project Area Drill Location (Hollow Stem Auger)
- Access Route - Vehicular

Prepared for: U.S. EPA Region 9



Prepared By:



SUBAREA GROUP B POTENTIAL DRILL LOCATIONS TSE TAH REGION

Task Order No.:

TO 001

Contract No.:

EP-S9-17-03

Figure No.:

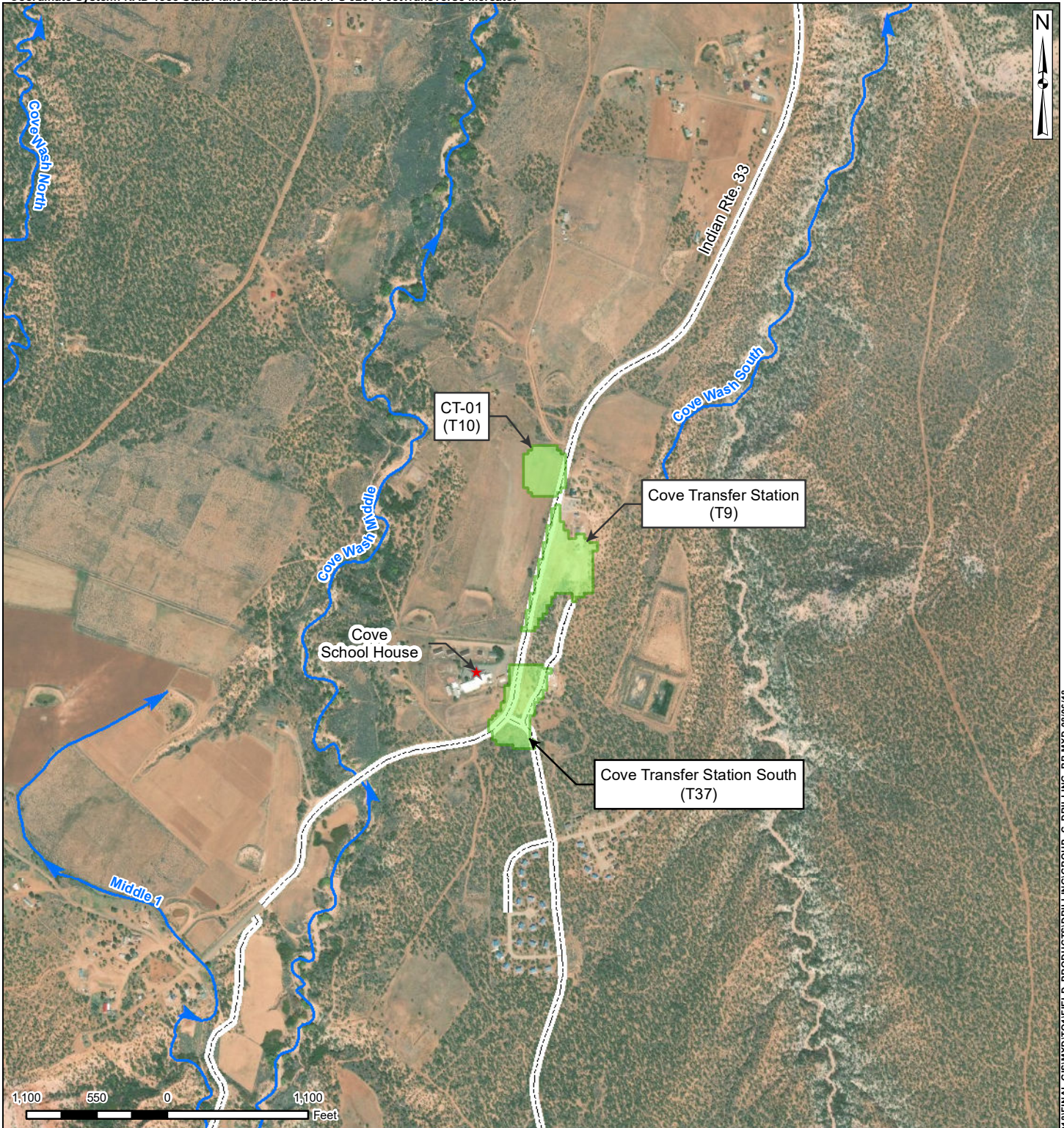
4

Location:

TEEC NOS POS CHAPTER
NAVAJO NATION

Date:

8/6/2018



- Project Area Drill Location
(Hollow Stem Auger)
- Access Route - Vehicular
- Drainage

Prepared for: U.S. EPA Region 9



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SUBAREA GROUP C POTENTIAL DRILL LOCATIONS COVE REGION

Task Order No.:

TO 001

Contract No.:

EP-S9-17-03

Figure No.:

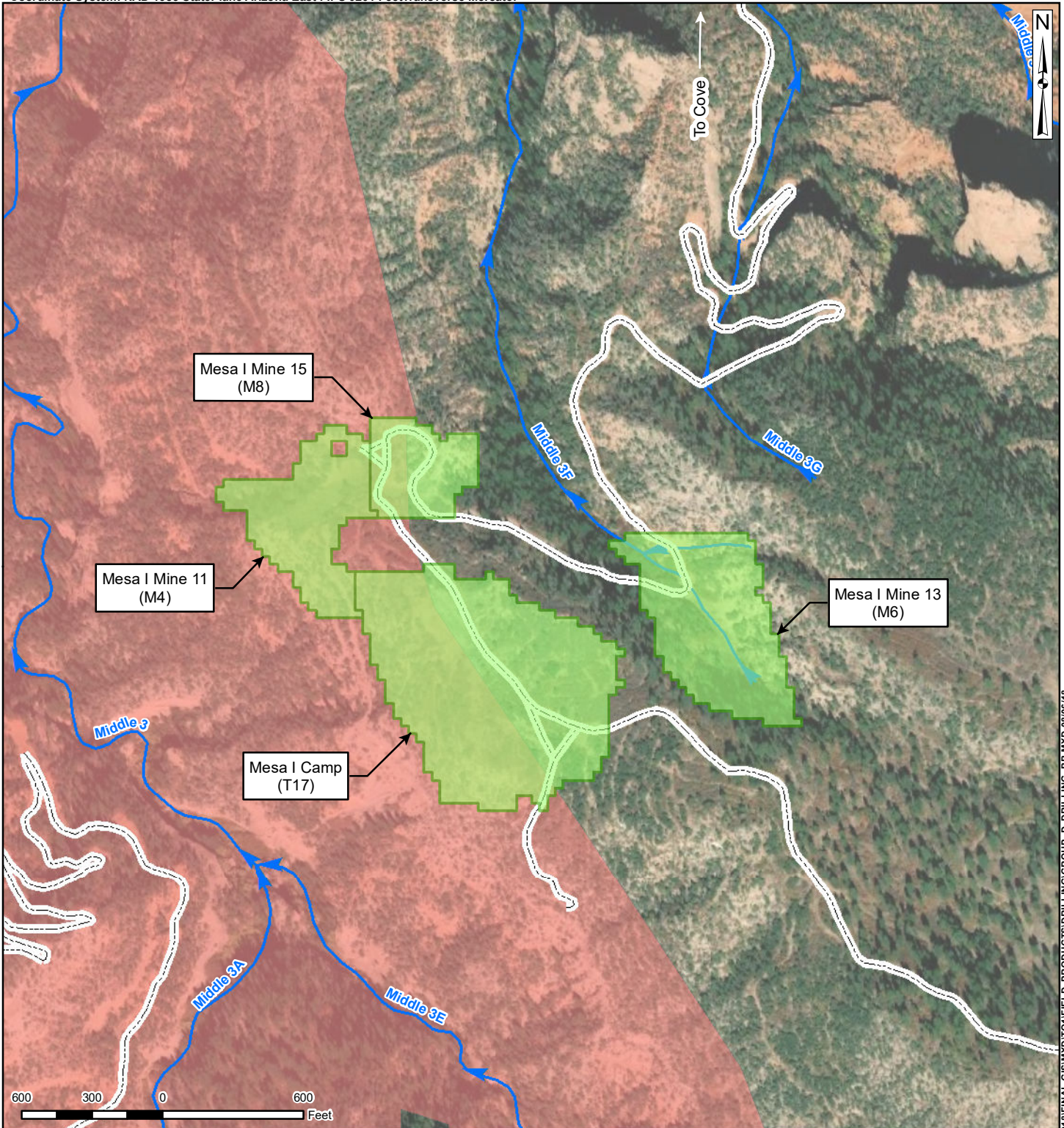
5

Location:

COVE CHAPTER
NAVAJO NATION

Date:

8/6/2018



- Mexican Spotted Owl Seasonal Protected Activity Center (2009)
- Project Area Drill Location (Hollow Stem Auger)
- Access Route (Vehicular)
- Drainage

Note: Access to site locations via narrow dirt road.
Approximately 30 minute travel time from Cove via UTV.

Prepared for: U.S. EPA Region 9



Prepared By:



SUBAREA GROUP D POTENTIAL DRILL LOCATIONS COVE REGION

Task Order No.:

TO 001

Contract No.:

EP-S9-17-03

Figure No.:

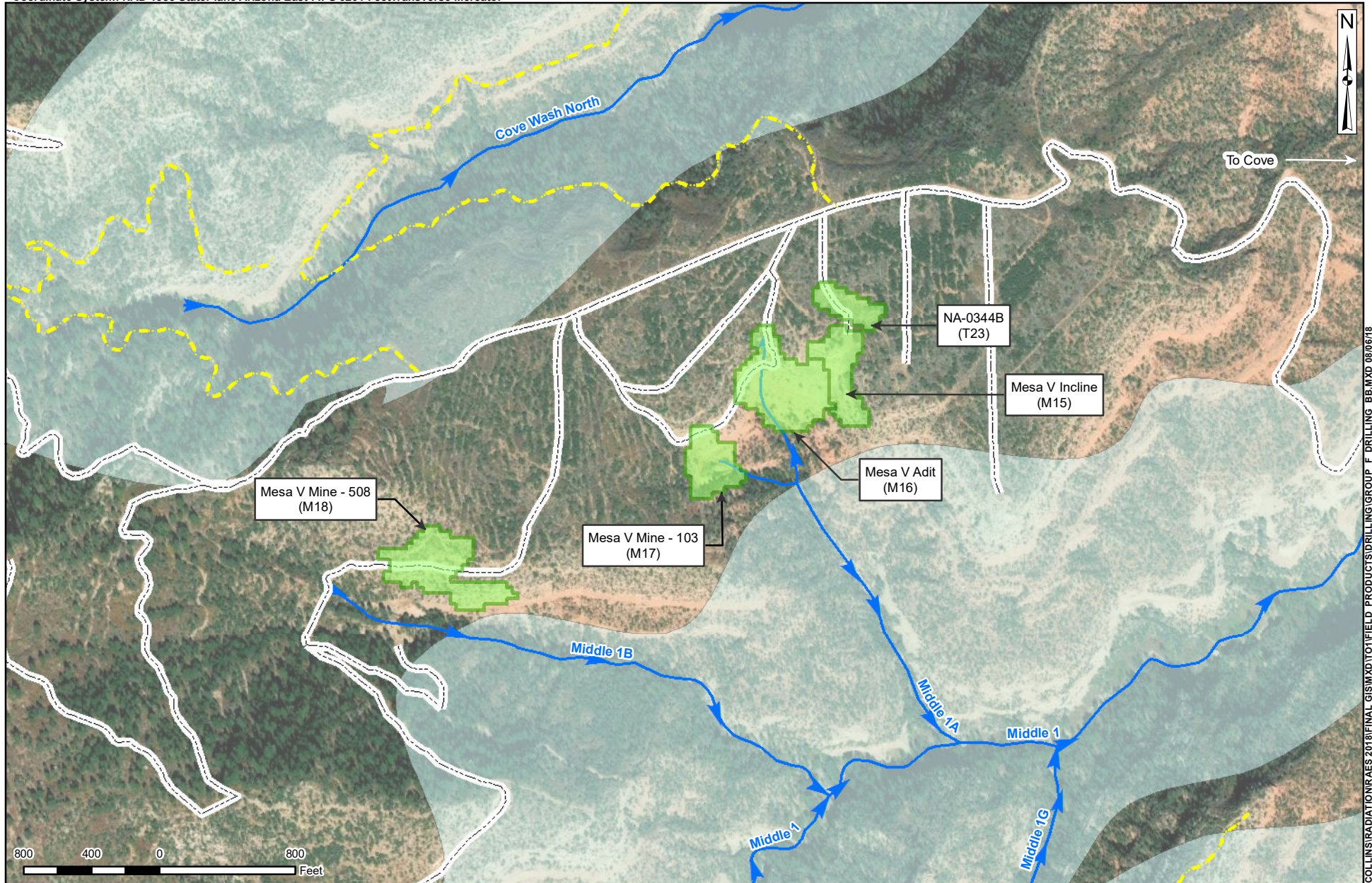
6

Location:

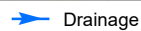
COVE CHAPTER
NAVAJO NATION

Date:

8/6/2018



- Mexican Spotted Owl Seasonal Protected Activity Center (2018)
- Project Area Drill Location
- Access Route - Foot
- Access Route - Vehicular



Note: Access to site locations via narrow dirt road.
Approximately 30 minute travel time from Cove via UTV.

Prepared for:



Prepared By:



SUBAREA GROUP F POTENTIAL DRILL LOCATIONS COVE REGION

Task Order No.: TO 001

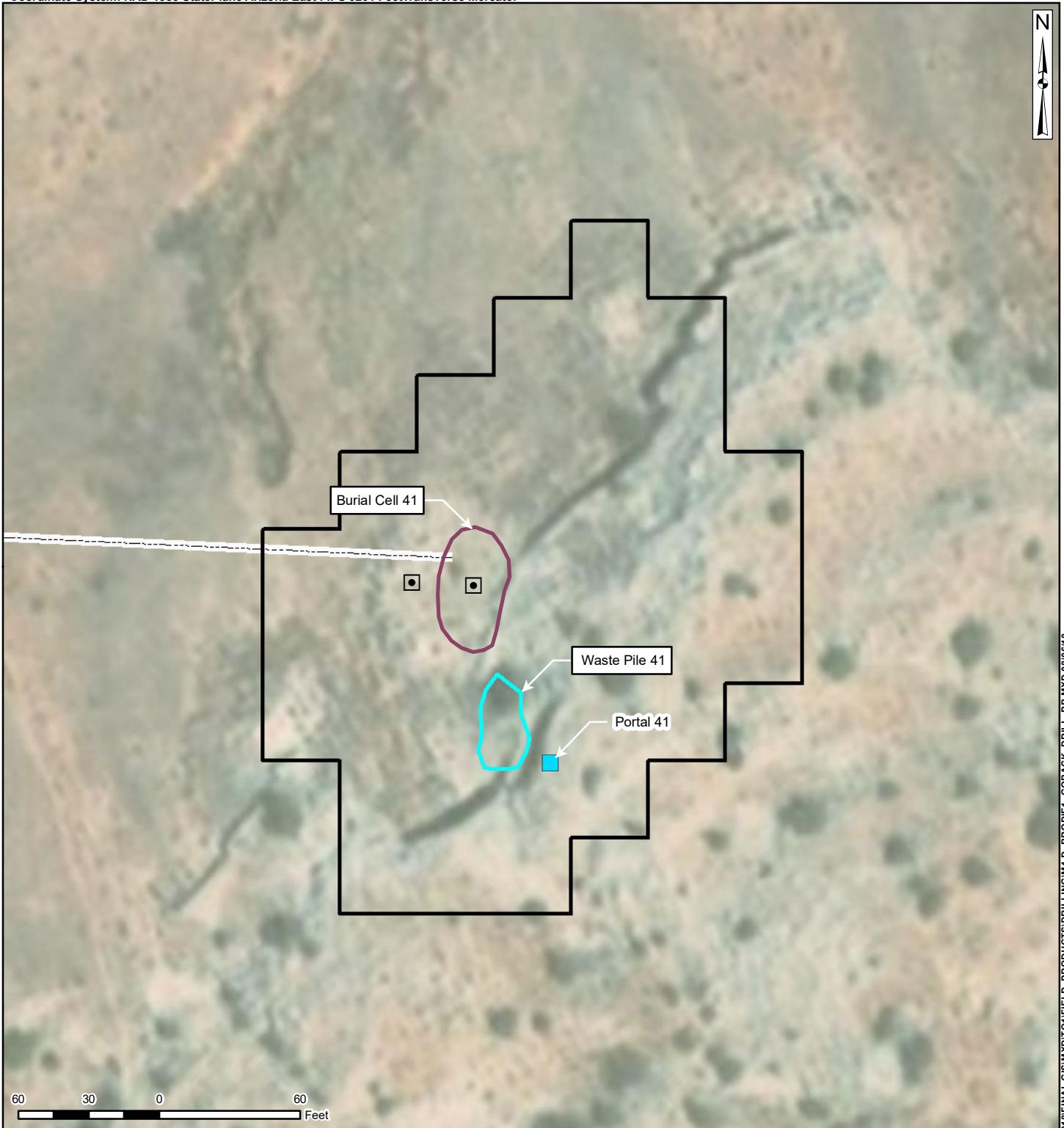
Contract No.: EP-S9-17-03

Figure No.:

Location: COVE CHAPTER NAVAJO NATION

Date: 8/6/2018

7



- Proposed Drilling Location
- Closed Portal
- Waste Pile - Reclaimed
- Burial Cell
- Initial Survey Boundary
- Mine_Access_Roads

Prepared for: USEPA Region 9



Prepared By:



BRODIE 1 PROPOSED SITE CHARACTERIZATION SAMPLING PLAN

Task Order RSE Report No.:

TO 001

Contract No.:

EP-S9-17-03

Figure No.:

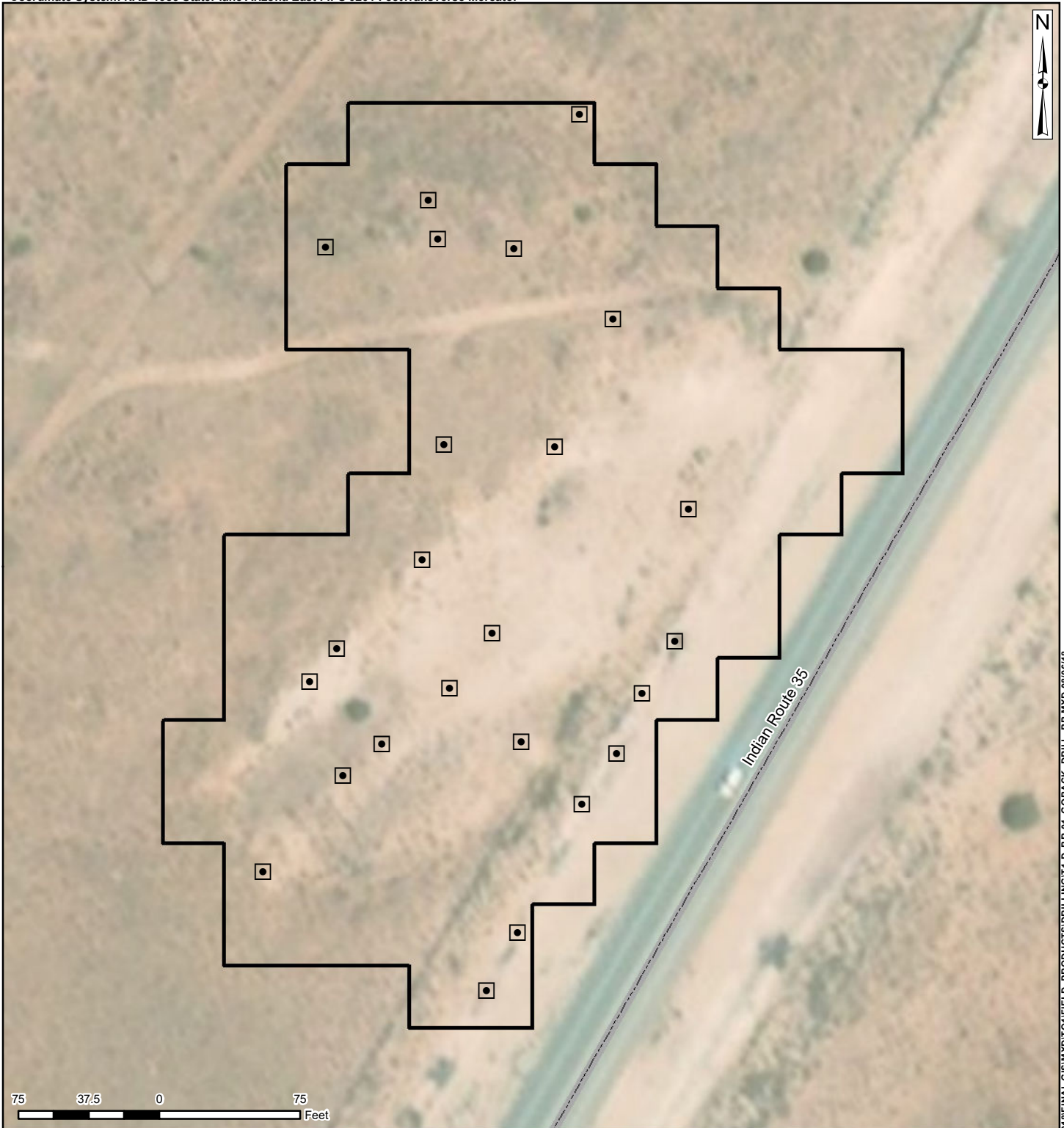
8

Location:

SWEETWATER CHAPTER
NAVAJO NATION

Date:

8/6/2018



- Proposed Drilling Location
- Initial Survey Boundary
- Access Route - Vehicular

Prepared for: USEPA Region 9



Prepared By:



BR-01 TARGET SITE PROPOSED SITE CHARACTERIZATION SAMPLING PLAN

Task Order RSE Report No.:

TO 001

Contract No.:

EP-S9-17-03

Figure No.:

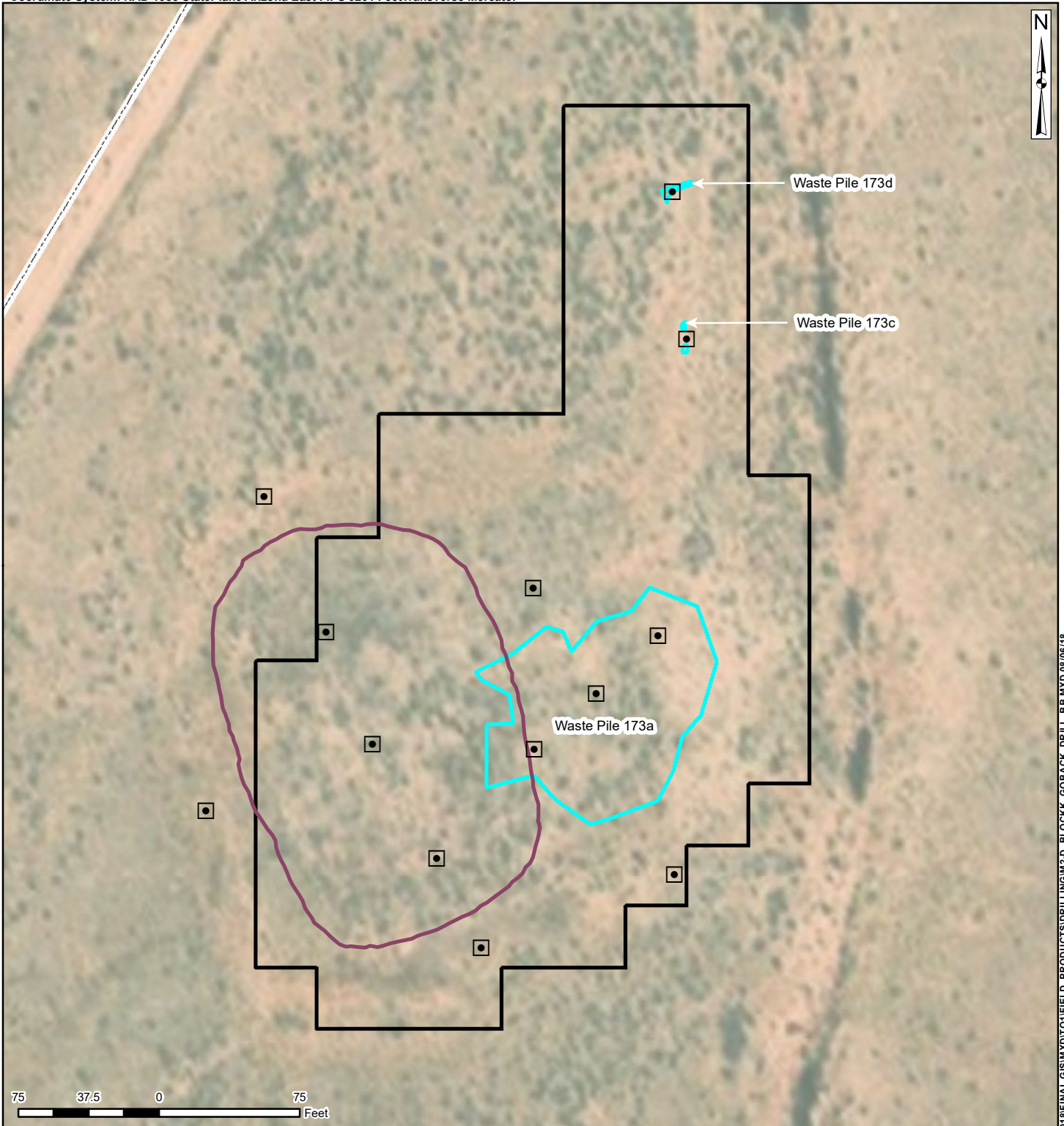
9

Location:

SWEETWATER CHAPTER
NAVAJO NATION

Date:

8/6/2018



- Proposed Drilling Location
- Burial Cell (No Drilling)
- Waste Pile - Reclaimed
- Initial Survey Boundary
- Access Route - Vehicular

Note: Overground access to drill locations.
Level ground with grass and small shrub.

Prepared for: USEPA Region 9



Prepared By:



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Oakland, CA 94612

BLOCK K PROPOSED SITE CHARACTERIZATION SAMPLING PLAN

Task Order RSE Report No.:

TO 001

Contract No.:

EP-S9-17-03

Figure No.:

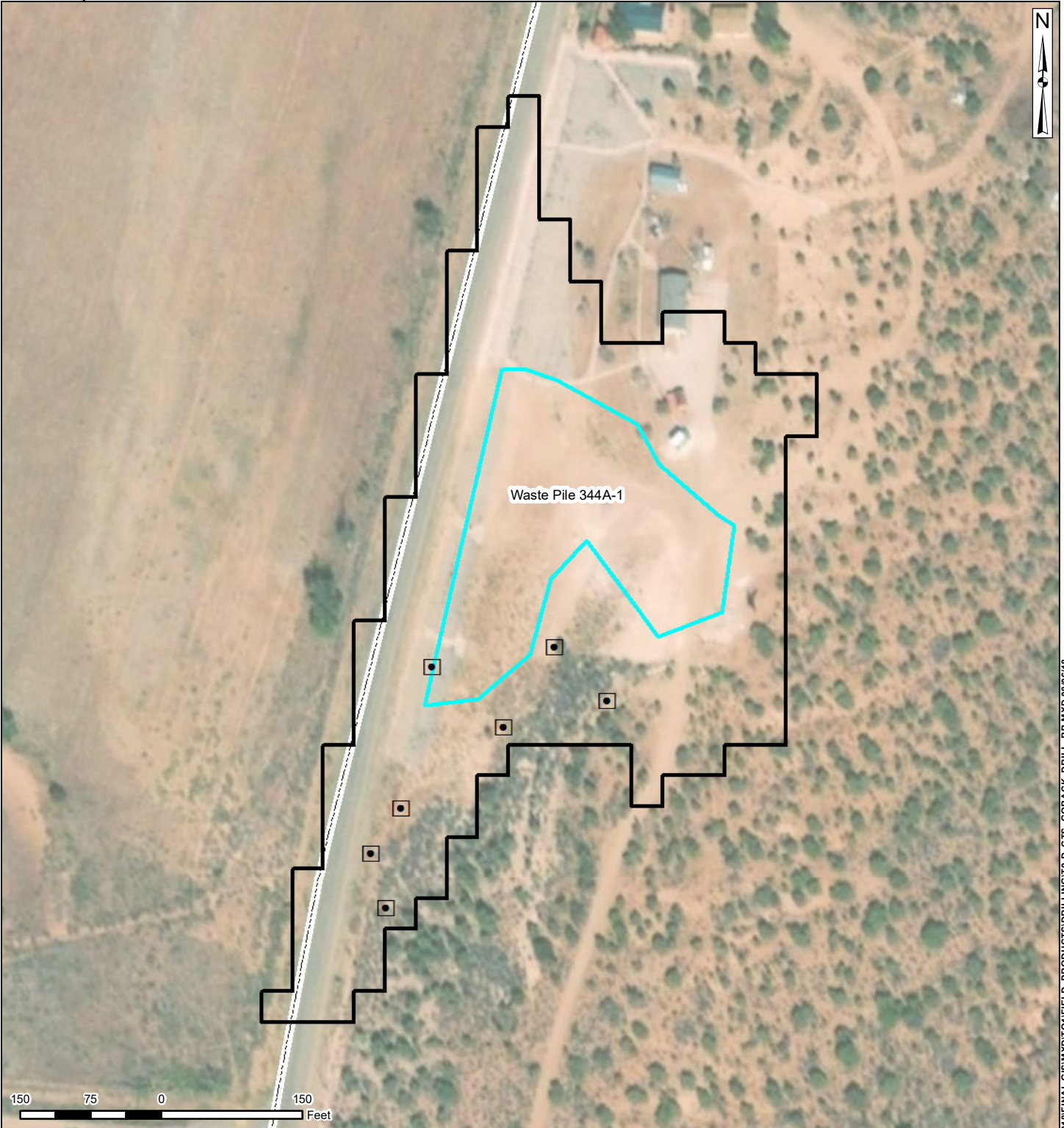
10

Location:

TEEC NOS POS CHAPTER
NAVAJO NATION

Date:

8/6/2018



- Proposed Drilling Location
- Waste Pile - Reclaimed
- Initial Survey Boundary
- Access Route - Vehicular

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Prepared By:



COVE TRANSFER STATION PROPOSED SITE CHARACTERIZATION SAMPLING PLAN

Task Order RSE Report No.:

TO 001

Contract No.:

EP-S9-17-03

Figure No.:

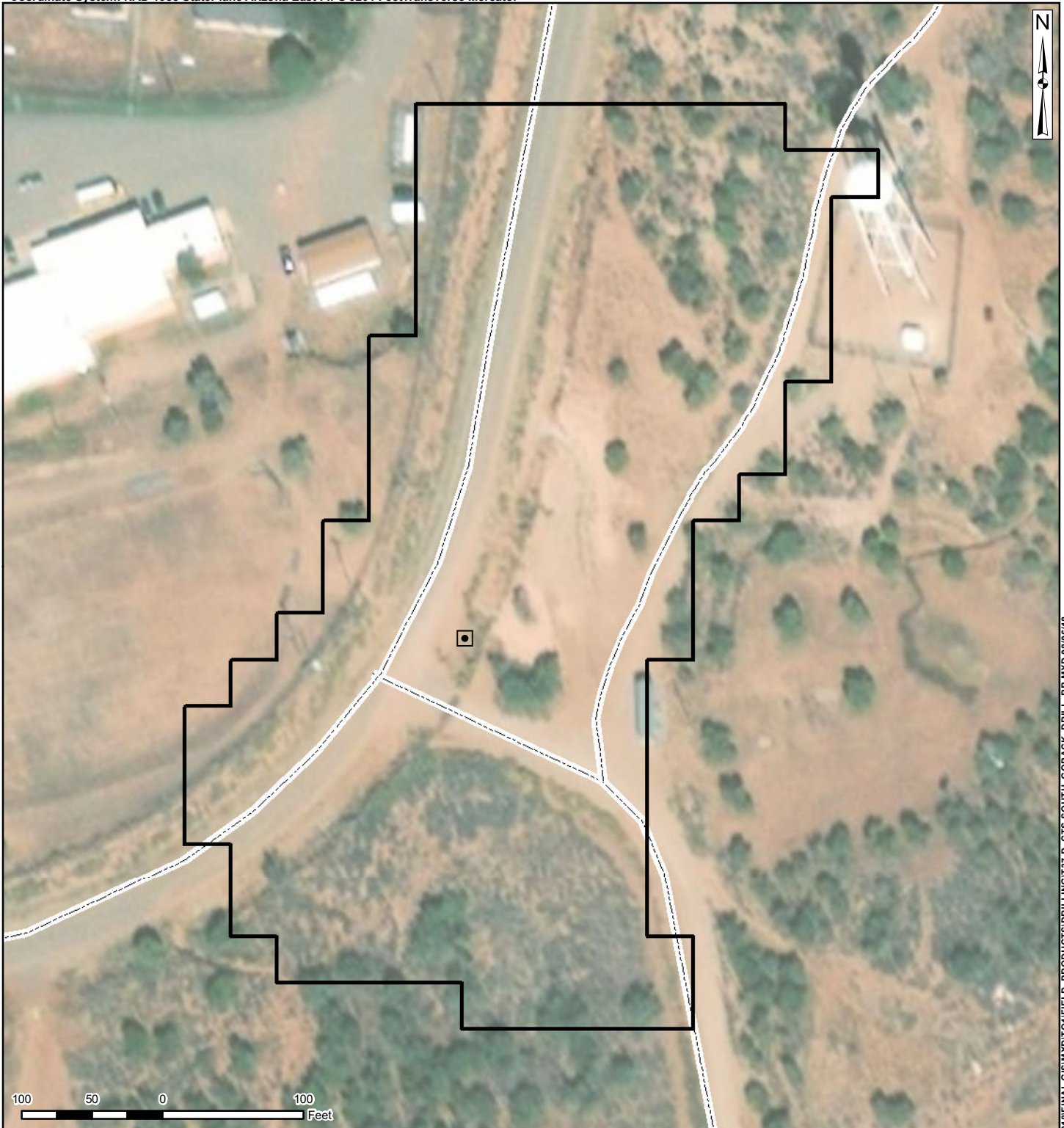
11

Location:

COVE CHAPTER
NAVAJO NATION

Date:

8/6/2018



- Proposed Drilling Location
- Initial Survey Boundary
- Access Route - Vehicular

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COVE TRANSFER STATION SOUTH PROPOSED SITE CHARACTERIZATION SAMPLING PLAN

Task Order RSE Report No.:

TO 001

Contract No.:

EP-S9-17-03

Figure No.:

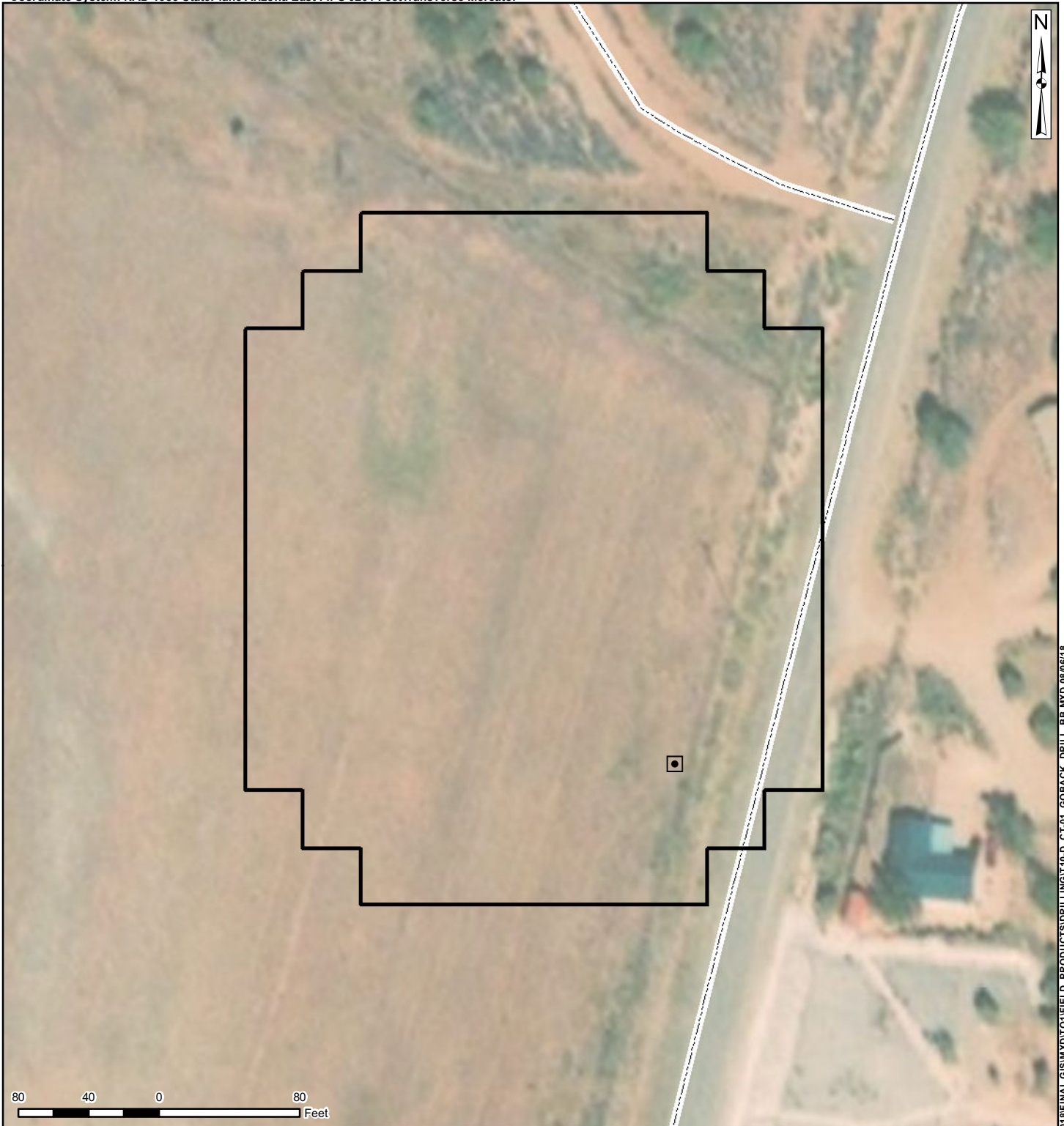
12

Location:

COVE CHAPTER
NAVAJO NATION

Date:

8/6/2018



- Proposed Drilling Location
- Initial Survey Boundary
- Access Route - Vehicular

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CT-01 TARGET SITE PROPOSED SITE CHARACTERIZATION SAMPLING PLAN

Task Order RSE Report No.:

TO 001

Contract No.:

EP-S9-17-03

Figure No.:

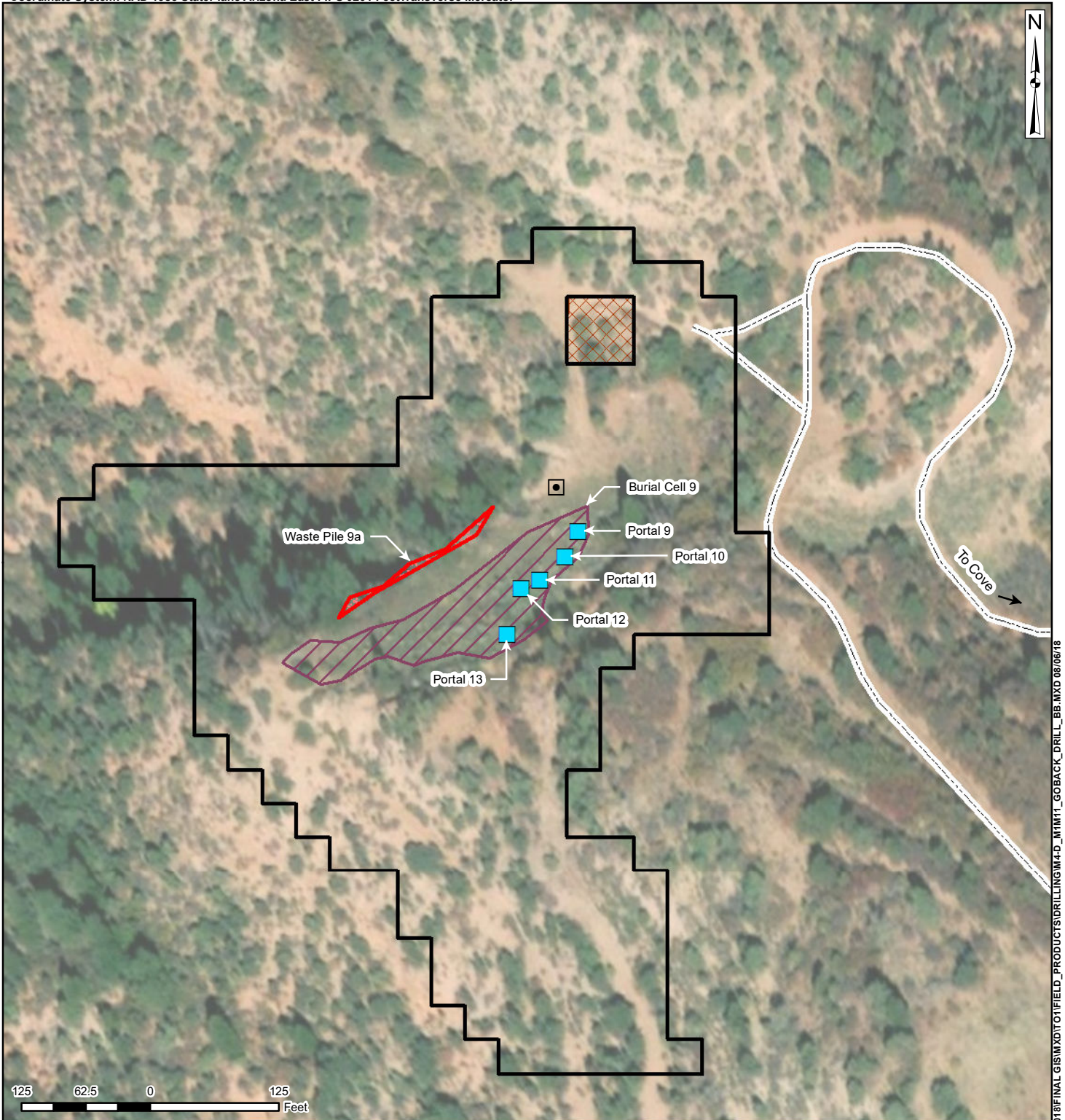
13








Location:

COVE CHAPTER
NAVAJO NATION

Date:

8/6/2018



-  Proposed Drilling Location
-  Closed Portal
-  Waste Pile Reclaimed
-  Burial Cell
-  Initial Survey Boundary
-  Restricted Area (Cultural)
-  Access Route (Vehicular)

Note: Access to drill location vis dirt track over uneven terrain.

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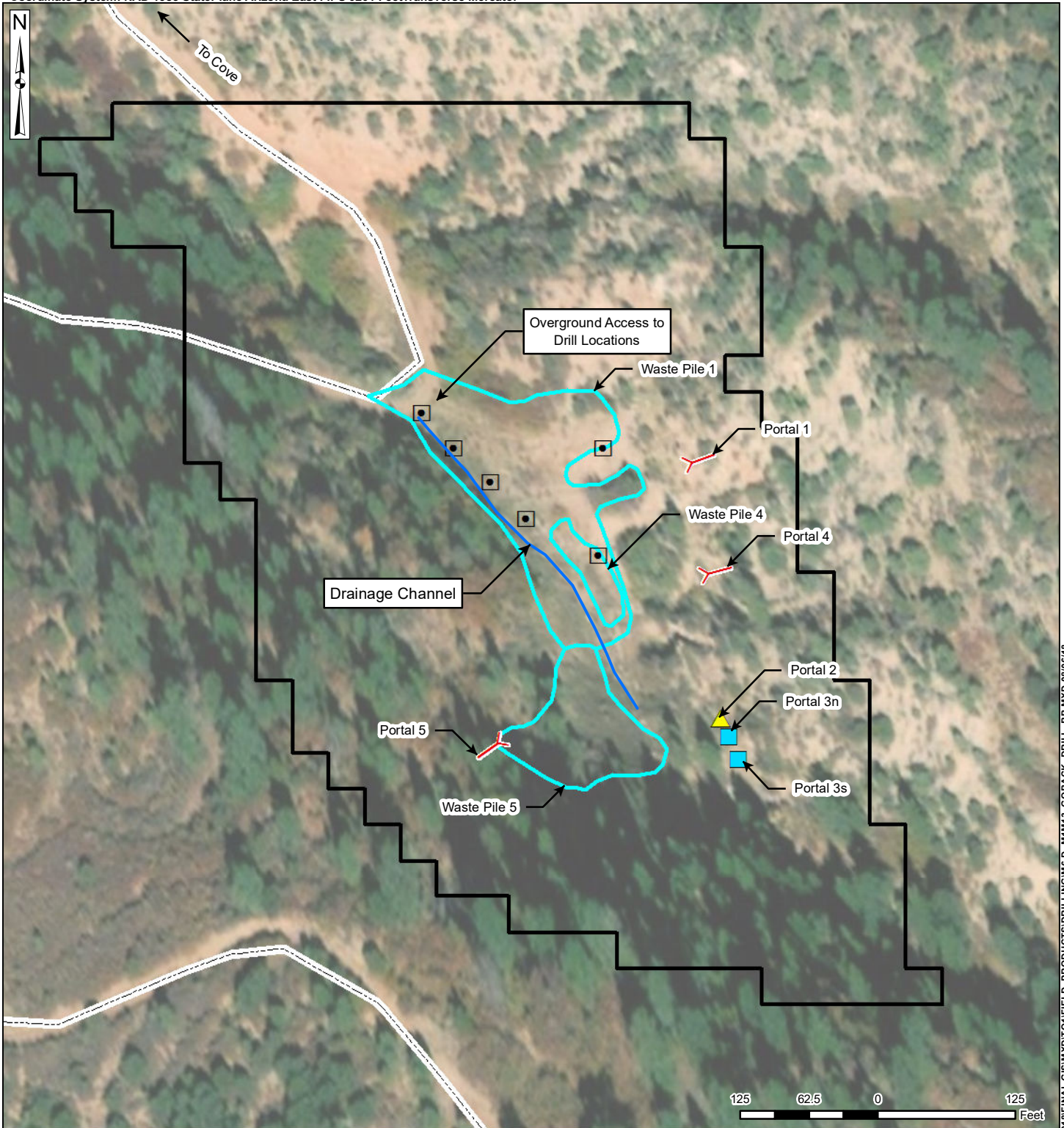


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MESA I MINE 11 PROPOSED SITE CHARACTERIZATION SAMPLING PLAN

Task Order RSE Report No.:	Contract No.:	Figure No.:
TO 001	EP-S9-17-03	14
Location:	Date:	
COVE CHAPTER NAVAJO NATION	8/6/2018	



- Proposed Drilling Location
- Open Portal
- Closed Portal
- Closed Prospect
- Waste Pile - Reclaimed
- Initial Survey Boundary
- Access Route - Vehicular

Note: Overground access and drill locations on uneven terrain.

Prepared for: USEPA Region 9



Prepared By:



MESA I MINE 13 PROPOSED SITE CHARACTERIZATION SAMPLING PLAN

Task Order RSE Report No.:

TO 001

Contract No.:

EP-S9-17-03

Figure No.:

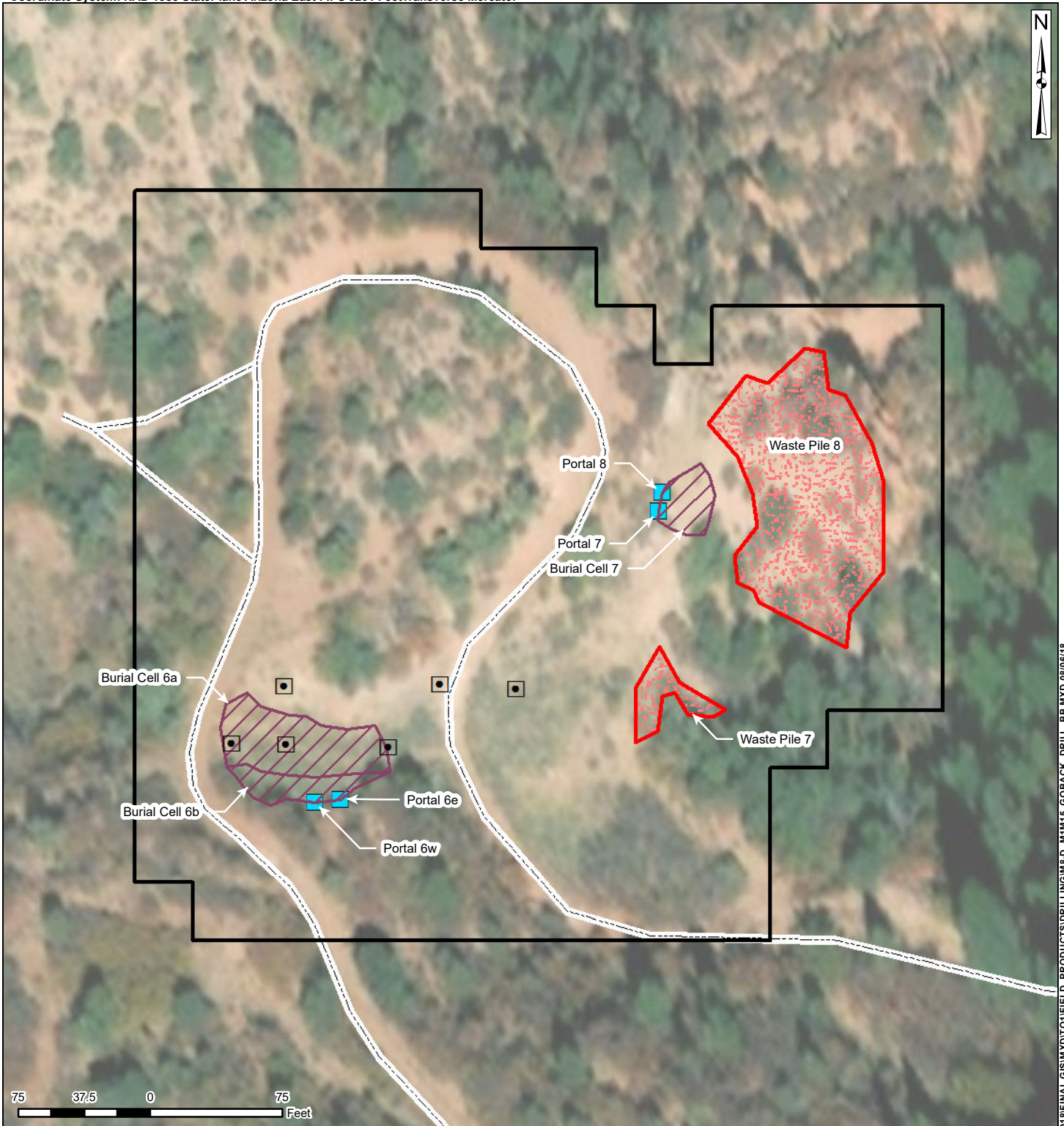
15

Location:

COVE CHAPTER
NAVAJO NATION

Date:

8/6/2018



- Proposed Drilling Location
- Closed Portal
- Burial Cell
- Waste Pile - Unreclaimed
- Initial Survey Boundary
- Access Route - Vehicular

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MEAS I MINE 15 PROPOSED SITE CHARACTERIZATION SAMPLING PLAN

Task Order RSE Report No.:

TO 001

Contract No.:

EP-S9-17-03

Figure No.:

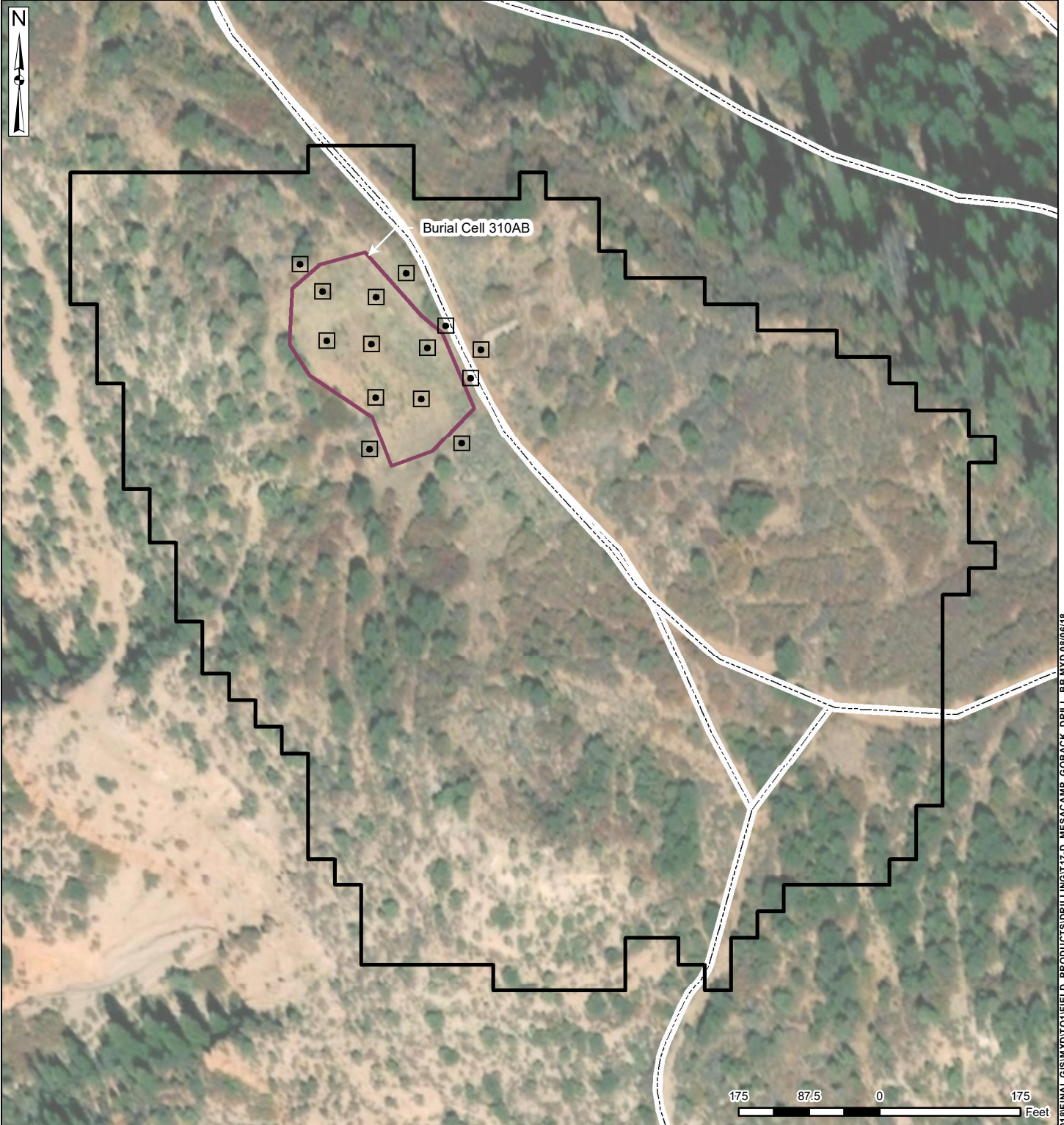
16

Location:

CHAPTER
NAVAJO NATION

Date:

8/6/2018



- Proposed Drilling Location
- Burial Cell
- Initial Survey Boundary
- Access Route - Vehicular

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MESA I CAMP PROPOSED SITE CHARACTERIZATION SAMPLING PLAN

Task Order RSE Report No.:

TO 001

Contract No.:

EP-S9-17-03

Figure No.:

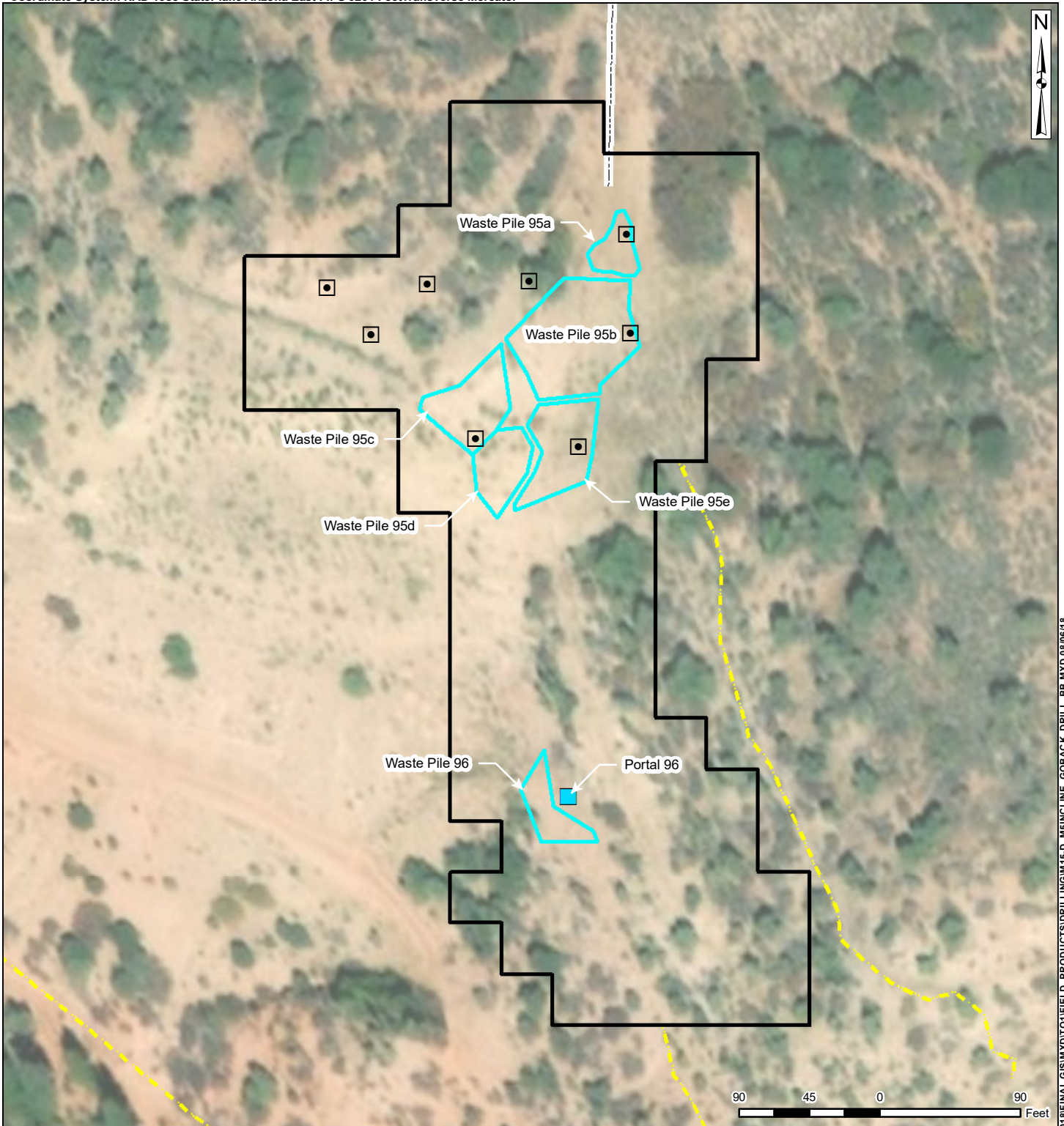
17

Location:

COVE CHAPTER
NAVAJO NATION

Date:

8/6/2018



- Proposed Drilling Location
- Closed Portal
- Waste Pile - Reclaimed
- Initial Survey Boundary
- Access Route - Foot
- Access Route - Vehicular

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MESA V INCLINE PROPOSED SITE CHARACTERIZATION SAMPLING PLAN

Task Order RSE Report No.:

TO 001

Contract No.:

EP-S9-17-03

Figure No.:

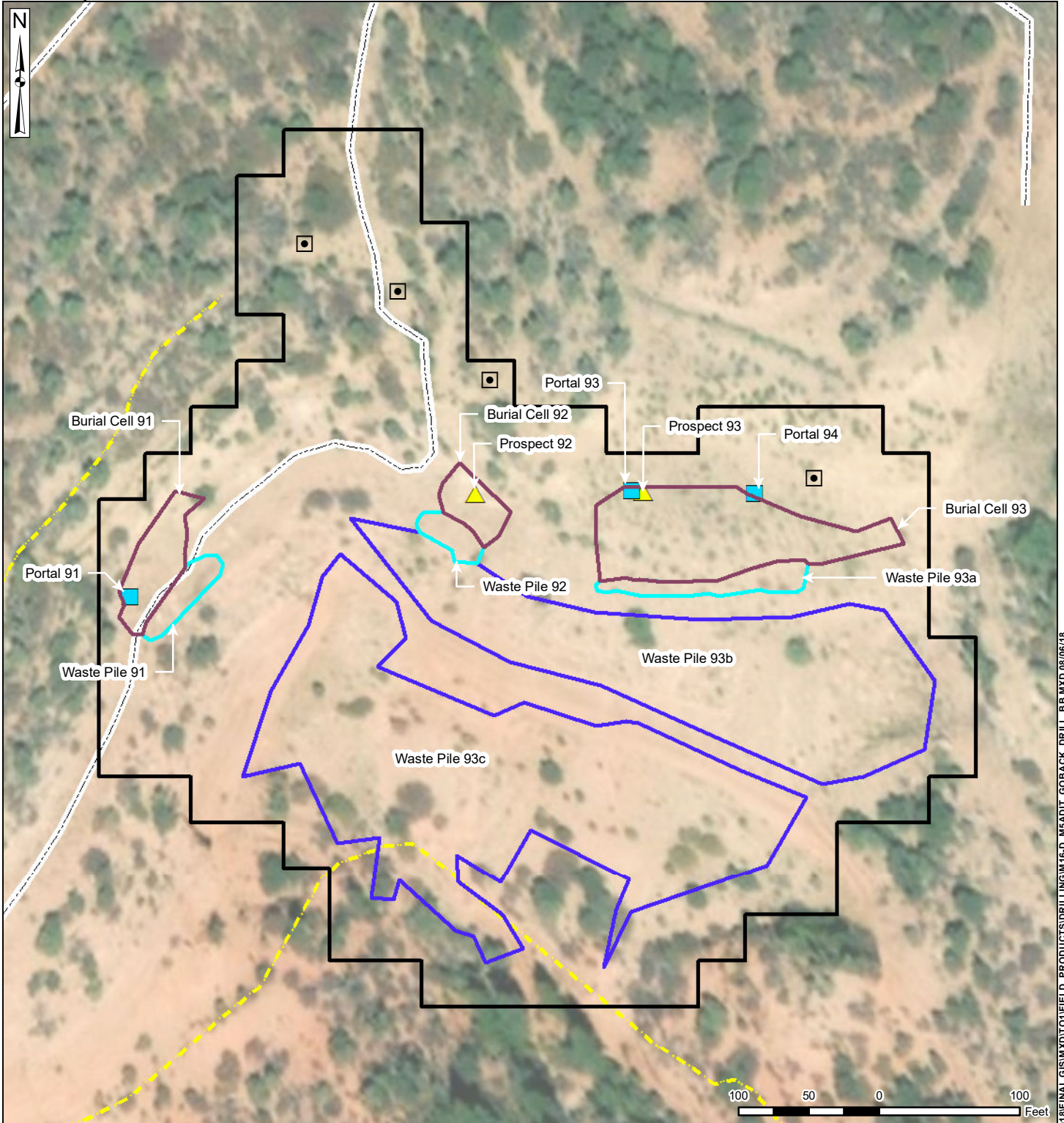
18

Location:

COVE CHAPTER
NAVAJO NATION

Date:

8/6/2018



- Proposed Drilling Location
- Closed Portal
- Closed Prospect
- Burial Cell
- Waste Pile - Reclaimed
- Waste Pile - Unreclaimed
- Initial Survey Boundary
- Access Route - Foot
- Access Route - Vehicular

Prepared for: USEPA Region 9



Prepared By:



MESA V ADIT PROPOSED SITE CHARACTERIZATION SAMPLING PLAN

Task Order RSE Report No.:

TO 001

Contract No.:

EP-S9-17-03

Location:

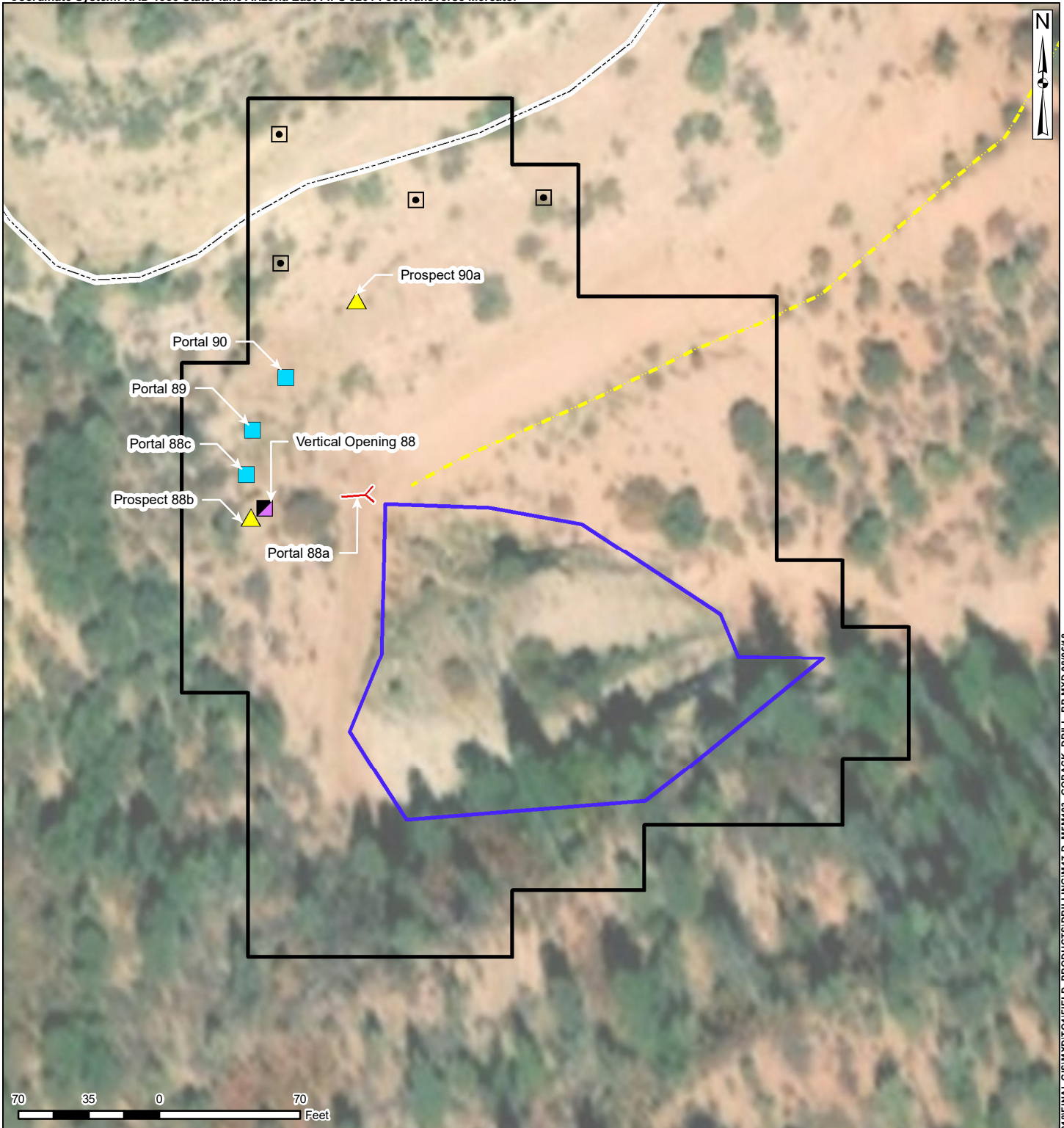
COVE CHAPTER
NAVAJO NATION

Date:

8/6/2018

Figure No.:

19



- Proposed Drilling Location
- Closed Portal
- Closed Prospect
- Closed Vertical Opening
- Waste Pile - Unreclaimed
- Initial Survey Boundary
- Access Route - Foot
- Access Route - Vehicular

Prepared for: USEPA Region 9



Prepared By:



MESA V MINE - 103 PROPOSED SITE CHARACTERIZATION SAMPLING PLAN

Task Order RSE Report No.:

TO 001

Contract No.:

EP-S9-17-03

Figure No.:

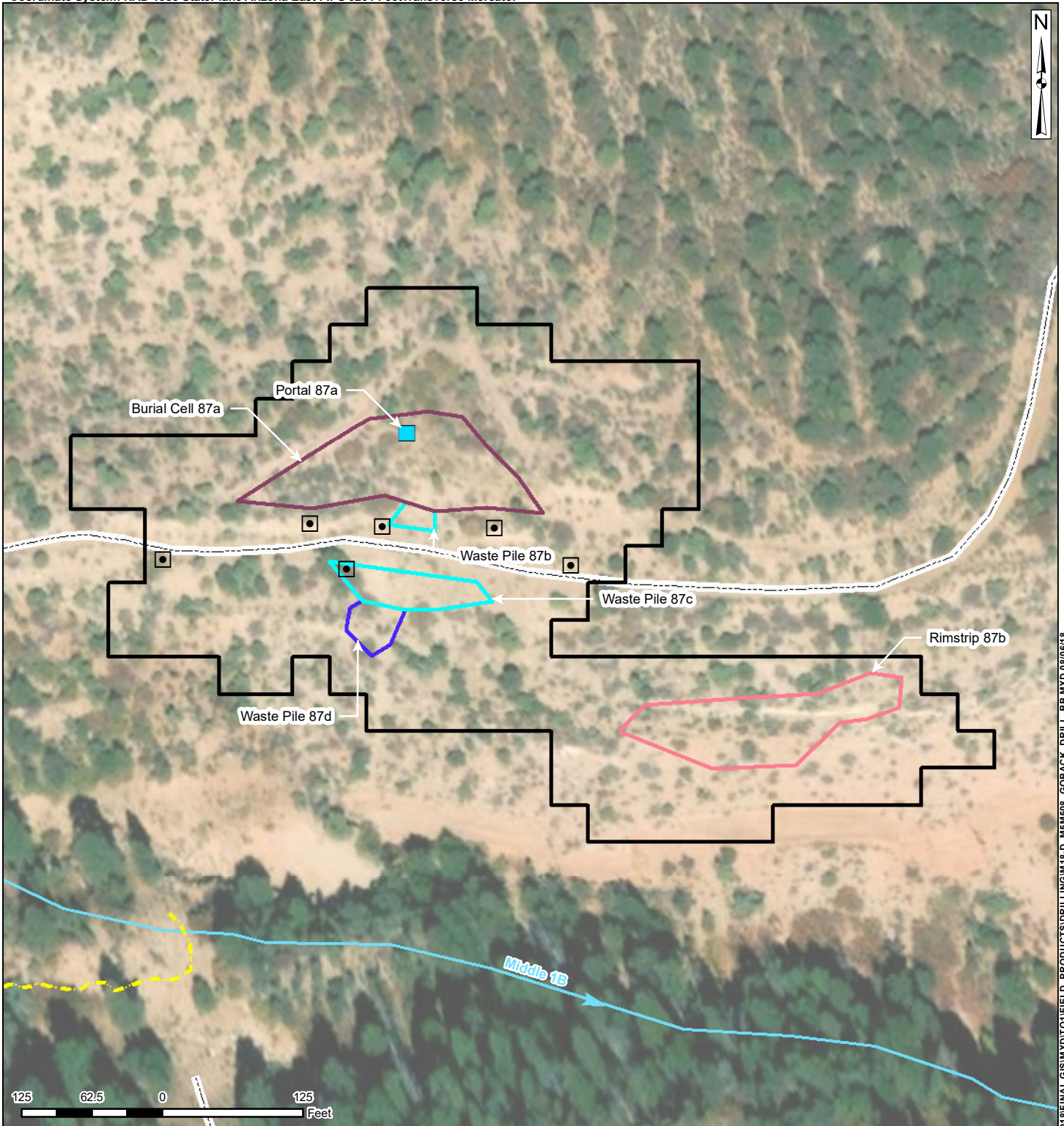
20

Location:

COVE CHAPTER
NAVAJO NATION

Date:

8/6/2018



- Proposed Drilling Location
- Closed Portal
- Burial Cell
- Waste Pile - Reclaimed
- Rimstrip - Unreclaimed
- Waste Pile - Unreclaimed
- Initial Survey Boundary
- Access Route - Foot
- Access Route - Vehicular
- Drainage

Prepared for: USEPA Region 9



Prepared By:



MESA V MINE - 508 PROPOSED SITE CHARACTERIZATION SAMPLING PLAN

Task Order RSE Report No.:

TO 001

Contract No.:

EP-S9-17-03

Location:

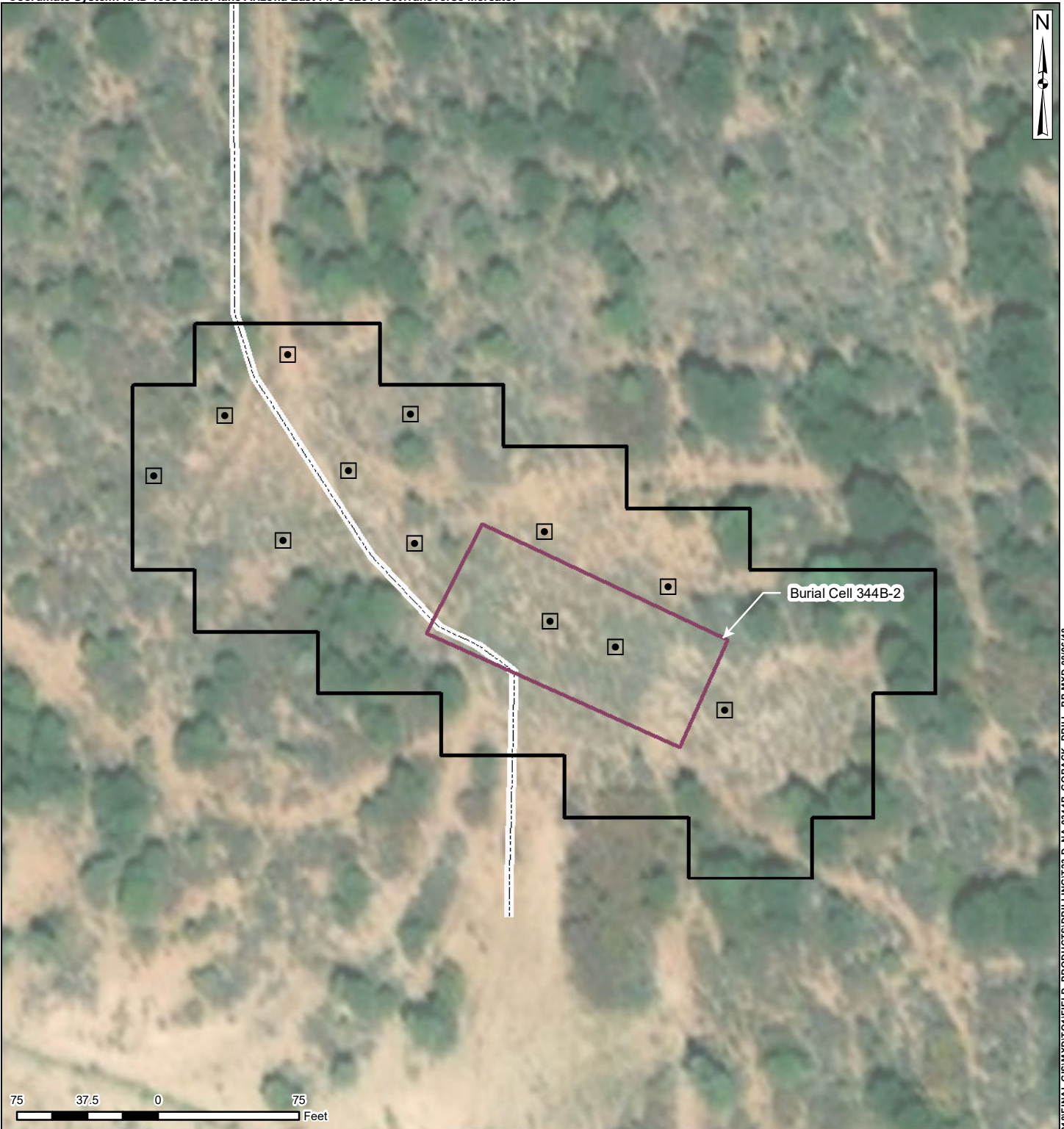
COVE CHAPTER
NAVAJO NATION

Date:

8/6/2018

Figure No.:

21



- Proposed Drilling Location
- Burial Cell
- Initial Survey Boundary
- Access Route - Vehicular

Prepared for: USEPA Region 9



Prepared By:



NA-0344B AUM RELATED SITE PROPOSED SITE CHARACTERIZATION SAMPLING PLAN

Task Order RSE Report No.:

TO 001

Contract No.:

EP-S9-17-03

Figure No.:

22

Location:

COVE CHAPTER
NAVAJO NATION

Date:

8/6/2018