

MR Status
Fort Ord MR BCT
11 April 2018

BLM AREA B

Security measures and Outreach

- Notice and warning signs, trail closure fences, and boundary fences are in place around the current work areas in units B, C, B-3W, B-3E, and B-2A.
- The website and kiosks are being maintained with current trail closure information.

Vegetation Removal

- No mechanical mastication or manual cutting/tree limbing is in progress at this time.

Surface removal

- Surface MEC removal in Unit B-2A is complete except for 11 acres that comprise the Trail 62 buffer and these will be addressed at a later date.
- Surface MEC removal in Units B-3E and B3-W is complete.
- Surface MEC removal continues in Unit B.

Digital Geophysical Mapping (DGM)

- DGM in Unit B-2A is complete except for the Trail 62 buffer.
- DGM in Unit B-3E east of Addington is complete. DGM in the remainder of Unit B-3E is in progress.
- DGM accessibility issues related to heavy tree density in Unit B-3E near Trail 56 and East Machine Gun Flats are being evaluated.
- DGM in Unit B-3W is expected to being in mid-April.

Subsurface MEC Removal and Restoration Activities

- Planning for subsurface MEC removal in B-3E (east of Addington Road) is underway.

IMPACT AREA

FIELD ACTIVITIES

Broadway Bypass AC MEC Remediation

- Phase 2 target digs are complete.
- Development of additional quality assurance (QA) validation digs is in progress.

Munitions with Sensitive Fuzes Field Study

- Metal Mapper 2x2 (MM 2x2) dynamic survey work was completed on 2/22.
- The cued MM 2x2 survey is now complete and a target dig list is being developed.

Unit 23 Risk Reduction

- Target picks for potential near-surface large ordnance item removal in Unit 23 is complete (1,217).
- Unit 23 Risk Reduction MM 2x2 cued survey is expected to begin on 4/16.

Restoration Activities

- Impact Area restoration projects and erosion control activities continue.

Annual Surface Monitoring

- Annual surface monitoring site walks for 2018 are in progress.

Target/Debris Disposal

- No demo operations were conducted in the last month.
- MD scrap sorting remains on hold until sufficient scrap accumulates.

OTHER ACTIVITIES

Vernal Pool Anomaly Investigation

- A list of targets for subsurface removal in vernal ponds has been developed. The final target list for reacquisition is in progress.
- The Metal Mapper 2x2 will be used to better identify subsurface targets and target depths. An approach to perform target excavation while minimizing impacts to the ponds will be developed.

Units 13, 17, 20 Evaluation - MAP

- Current data from approximately 56,000 linear feet (LF) of transects is being evaluated.
- Additional field work, including QC, remains on hold until the status of sensitive species flora can be determined.

Impact Area Fuel Break Markers

- Installation of the Impact Area 100-Foot Buffer markers is in progress.

MMRP SITE SECURITY PROGRAM

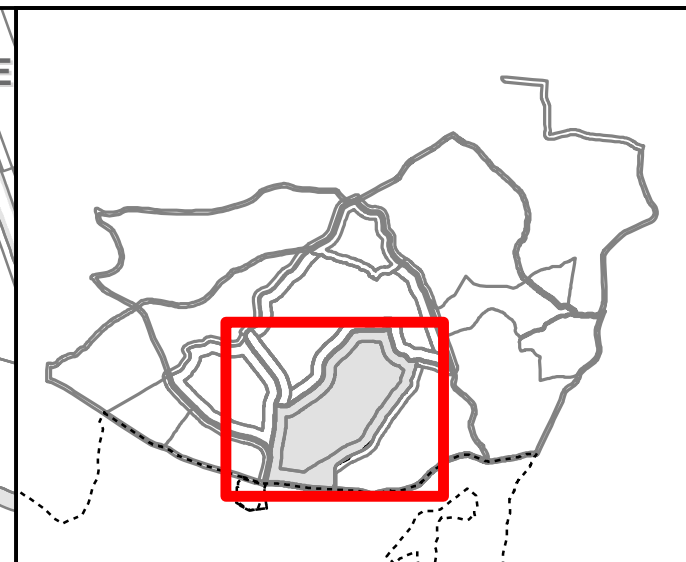
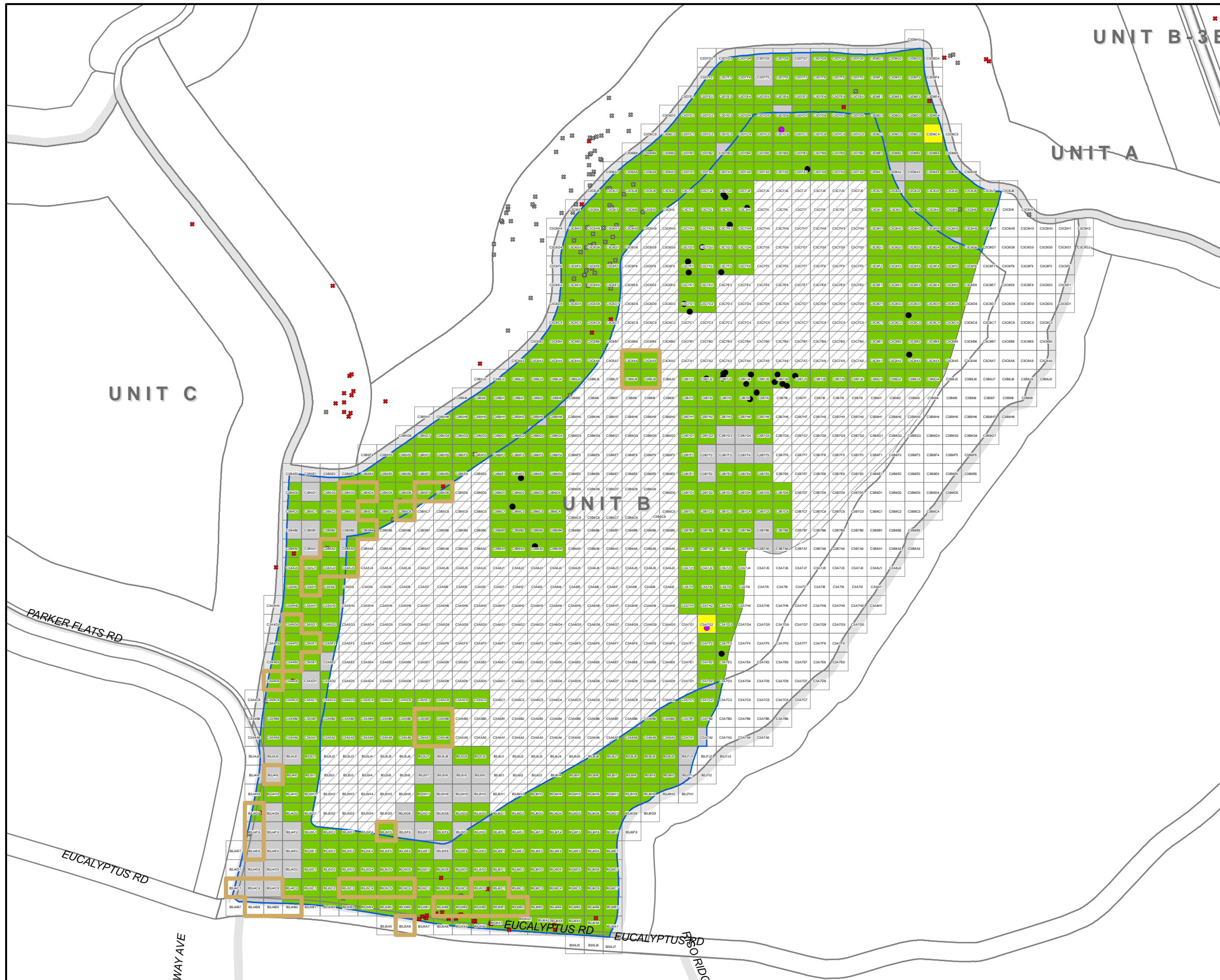
- Trespass Incident Reports
 - Last 35 days (ending 4/6/2018): 2
 - Year to Date: 3
- MEC Incident Reports
 - Last 35 days (ending 4/6/2018): 1
 - Year to Date: 2
- Community Education – Year to Date: 25
- MEC Recognition and Safety Training – Year to Date: 97

Access corridor roads are subject to closure during work hours (M-Th 6:30AM-5:00PM) but will remain open the rest of the time to allow for passage through the Monument.

U.S. Army Managed Portion of National Monument
Currently Closed to Public Use
Munition Hazards

- Closed for Duration of Munitions Cleanup selection
- Access Corridor Roads
- Closed During Active Cleanup Operations (M-Th 6:30AM-5:00PM)
- BLM Single Track Trail (OPEN)
- Road
- Closed Area
- Impact Area MRA

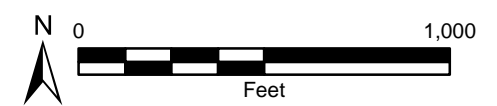
Map Updated on December 1, 2017



Legend

- | | | | |
|--|----------------------|--|-------------------------|
| | HMP Grids | | Burn_Unit_Outline |
| | DMM (CP) | | No MD |
| | DMM (LIP) | | < 75 Lbs MD |
| | DMM (CP, Destroyed) | | 75-250 Lbs MD |
| | DMM (LIP, Destroyed) | | 250-500 Lbs MD |
| | MD, LIP | | 500-1000 Lbs MD |
| | Expended (Destroyed) | | > 1000 Lbs MD |
| | Live (Destroyed) | | Fuel Breaks |
| | MPPEH (CP) | | Surface Removal Planned |
| | MPPEH (LIP) | | |
| | UXO (LIP, Destroyed) | | |

Operations Completed Through: 04/05/2018



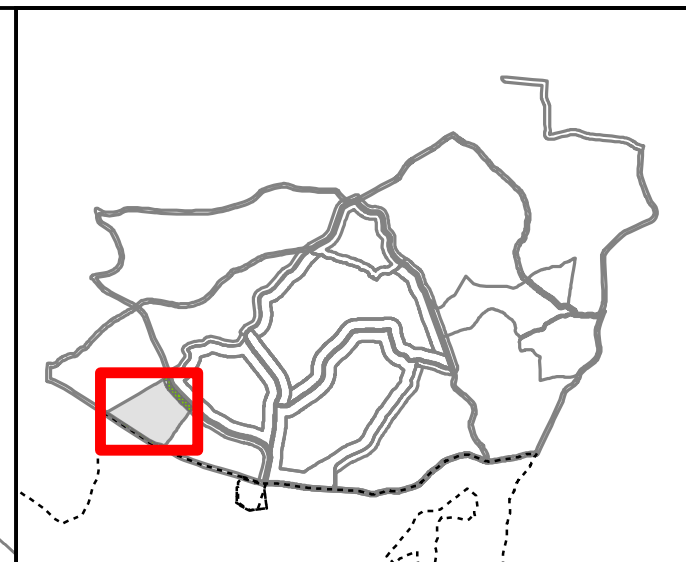
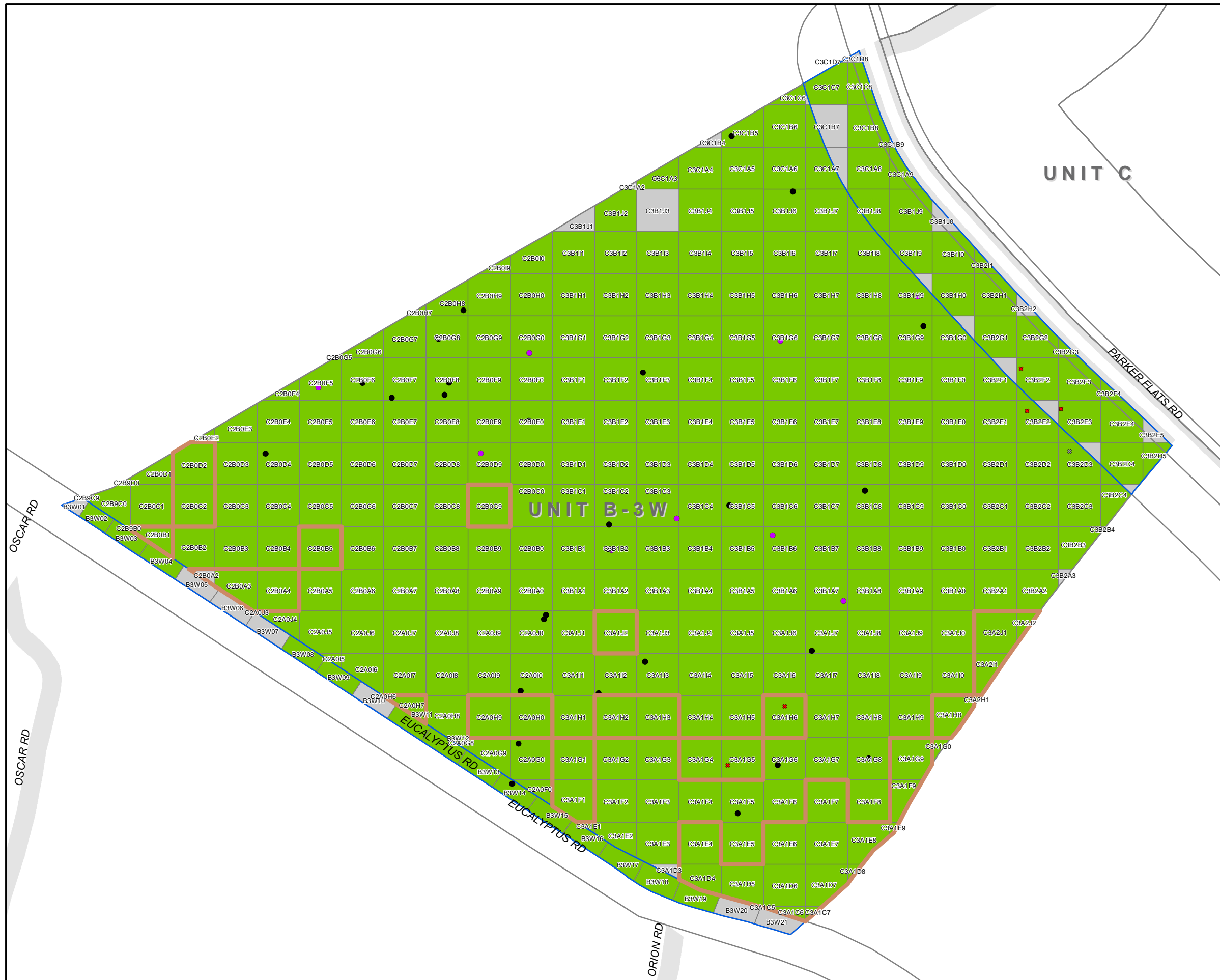
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Kemron
ENVIRONMENTAL SERVICES

Gilbane

NAEVA GEOPHYSICS INC.
Seismicity Geophysical Services

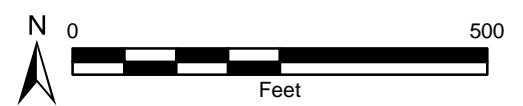
FORMER FORT ORD
Unit B MD Density



Legend

HMP Grids	Burn_Unit_Outline
DMM (CP)	No MD
DMM (LIP)	< 75 Lbs MD
DMM (CP, Destroyed)	75-250 Lbs MD
DMM (LIP, Destroyed)	250-500 Lbs MD
MD, LIP	500-1000 Lbs MD
Expended (Destroyed)	> 1000 Lbs MD
Live (Destroyed)	Fuel Breaks
MPPEH (CP)	
MPPEH (LIP)	
UXO (LIP, Destroyed)	

Operations Completed Through: 04/05/2018

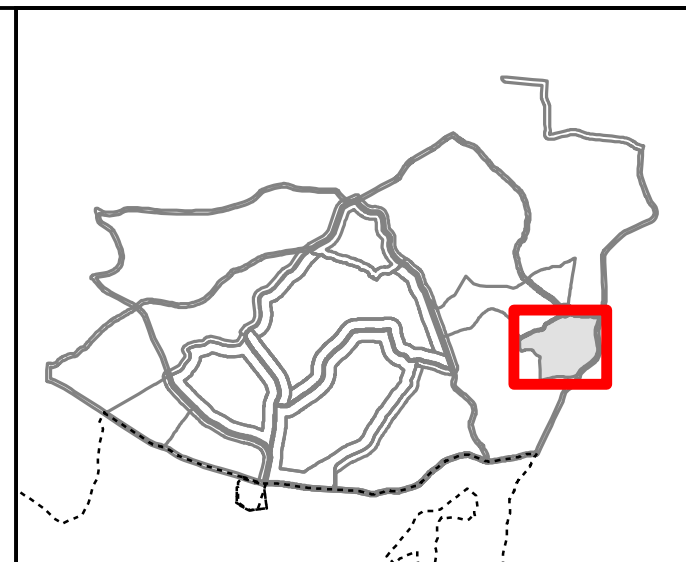
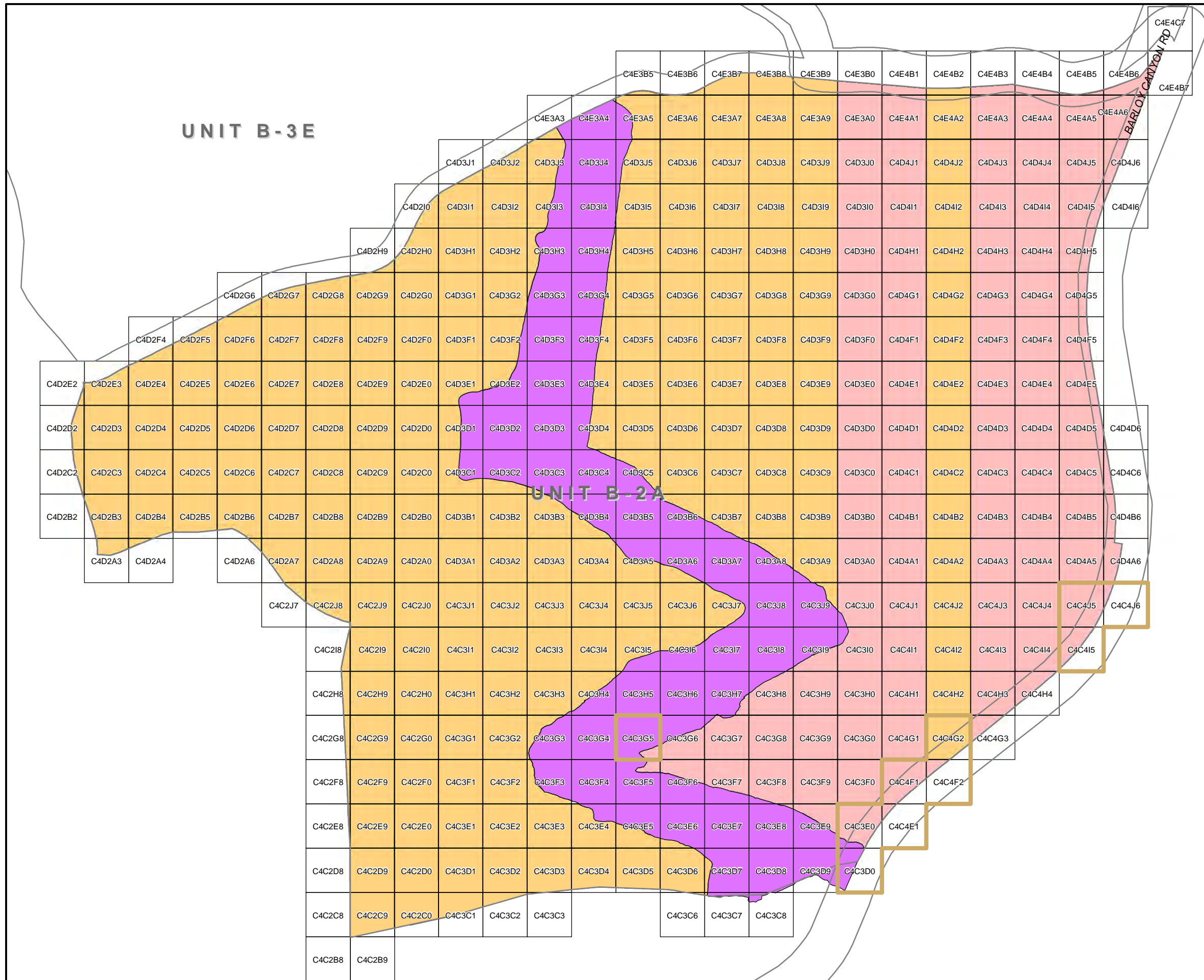


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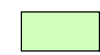
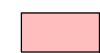


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NAEVA GEOPHYSICS INC.
Seismicity Geophysical Services

FORMER FORT ORD
Unit B-3W MD Density



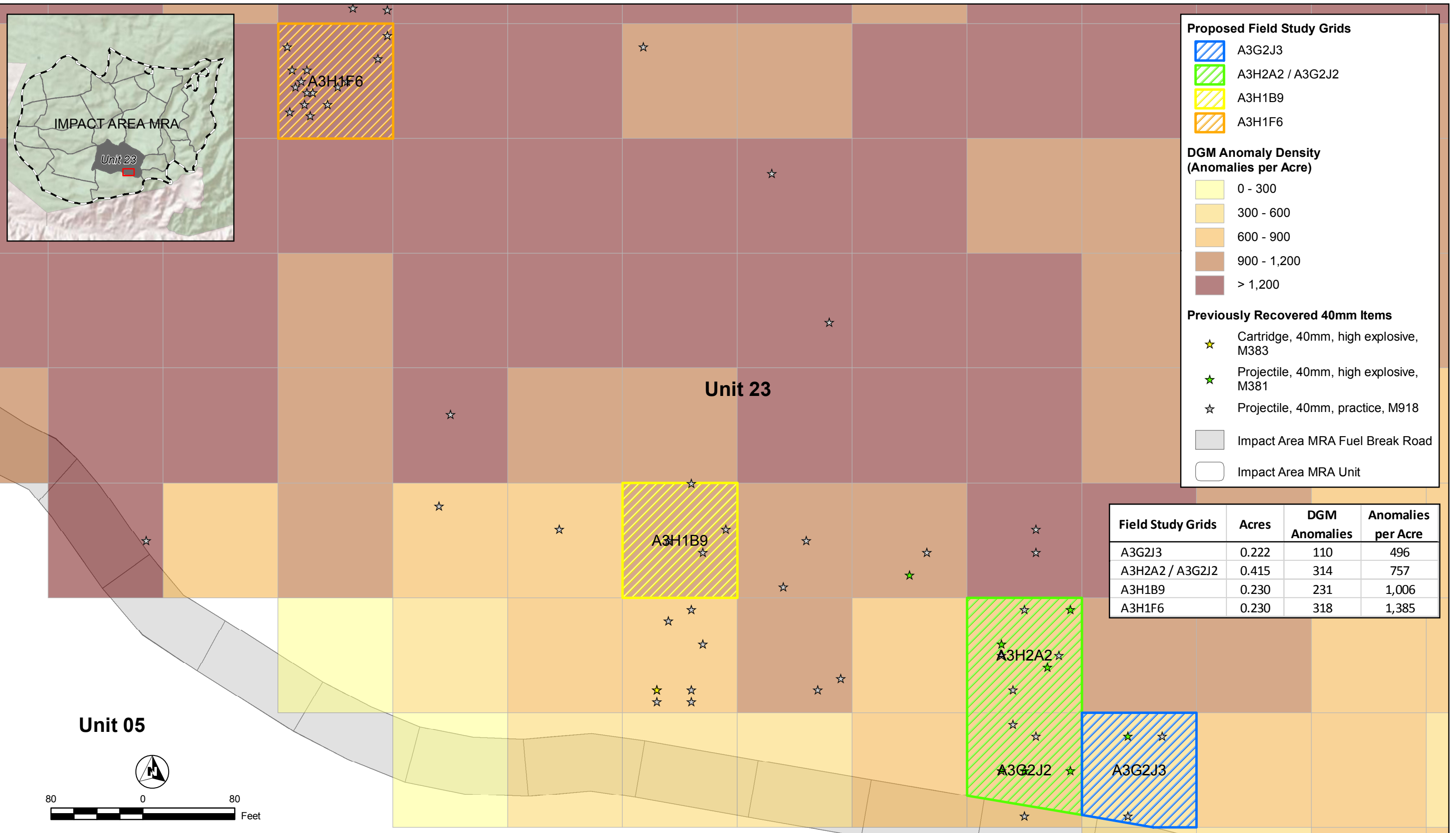
Legend

-  HMP Grids
-  Trail 62 Buffer
-  Fuel Breaks
-  To Be Surveyed
- DGM Survey Status**
-  Field Collection Complete
-  Data Processing Complete
-  Data QC Complete
-  Data QA Complete

Operations Completed Through: 04/05/2018



**FORMER FORT ORD
Unit B2A DGM Survey Status**



Proposed Field Study Grids

- A3G2J3
- A3H2A2 / A3G2J2
- A3H1B9
- A3H1F6

DGM Anomaly Density (Anomalies per Acre)

- 0 - 300
- 300 - 600
- 600 - 900
- 900 - 1,200
- > 1,200

Previously Recovered 40mm Items

- Cartridge, 40mm, high explosive, M383
- Projectile, 40mm, high explosive, M381
- Projectile, 40mm, practice, M918
- Impact Area MRA Fuel Break Road
- Impact Area MRA Unit

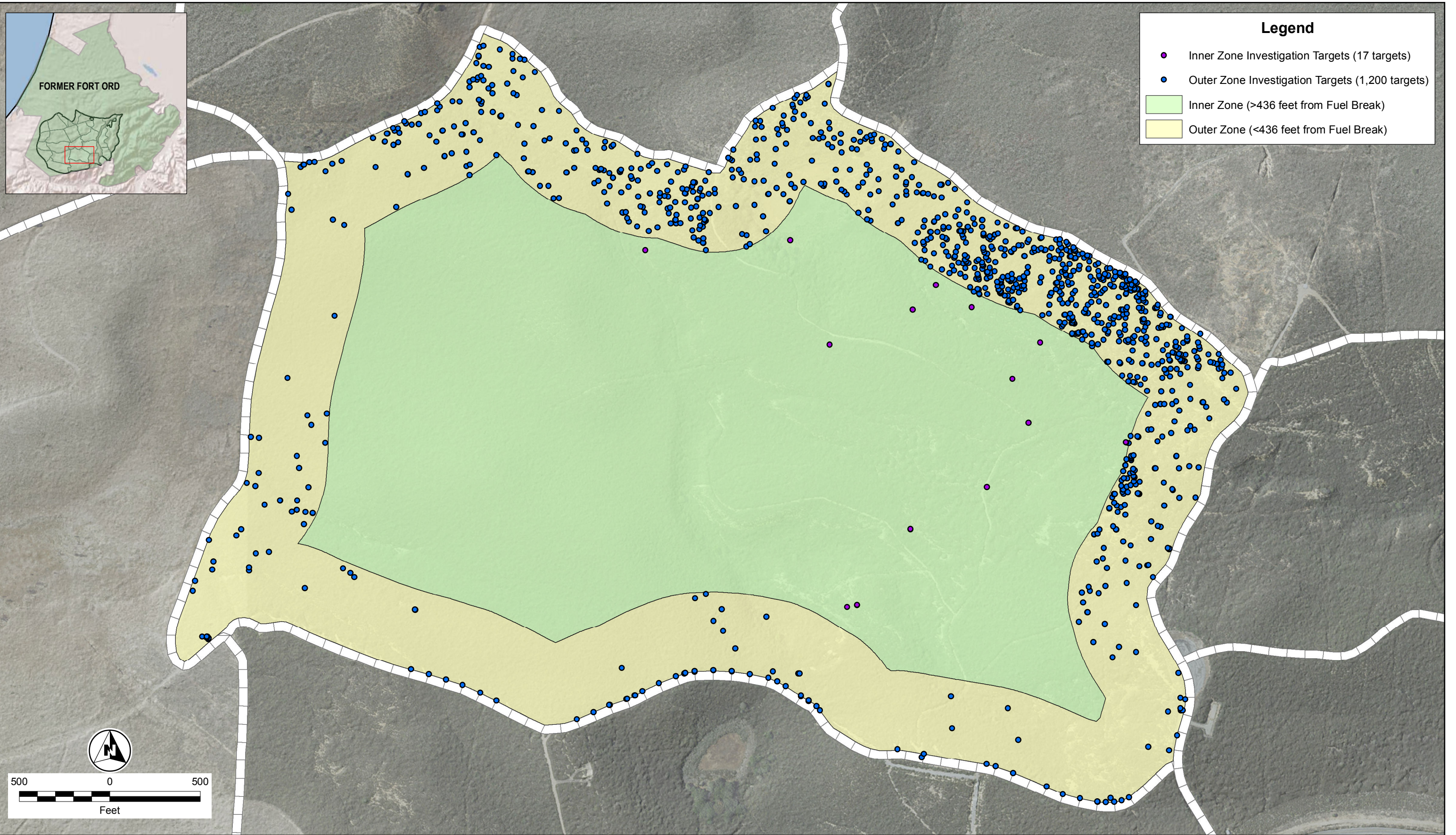
Field Study Grids	Acres	DGM Anomalies	Anomalies per Acre
A3G2J3	0.222	110	496
A3H2A2 / A3G2J2	0.415	314	757
A3H1B9	0.230	231	1,006
A3H1F6	0.230	318	1,385

Unit 05



Munitions with Sensitive Fuzes Field Study Field Work Variance
Former Fort Ord, California

Figure 1
Proposed Unit 23 Field Study Grids



Legend

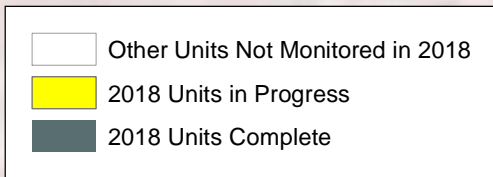
- Inner Zone Investigation Targets (17 targets)
- Outer Zone Investigation Targets (1,200 targets)
- Inner Zone (>436 feet from Fuel Break)
- Outer Zone (<436 feet from Fuel Break)

500 0 500
Feet

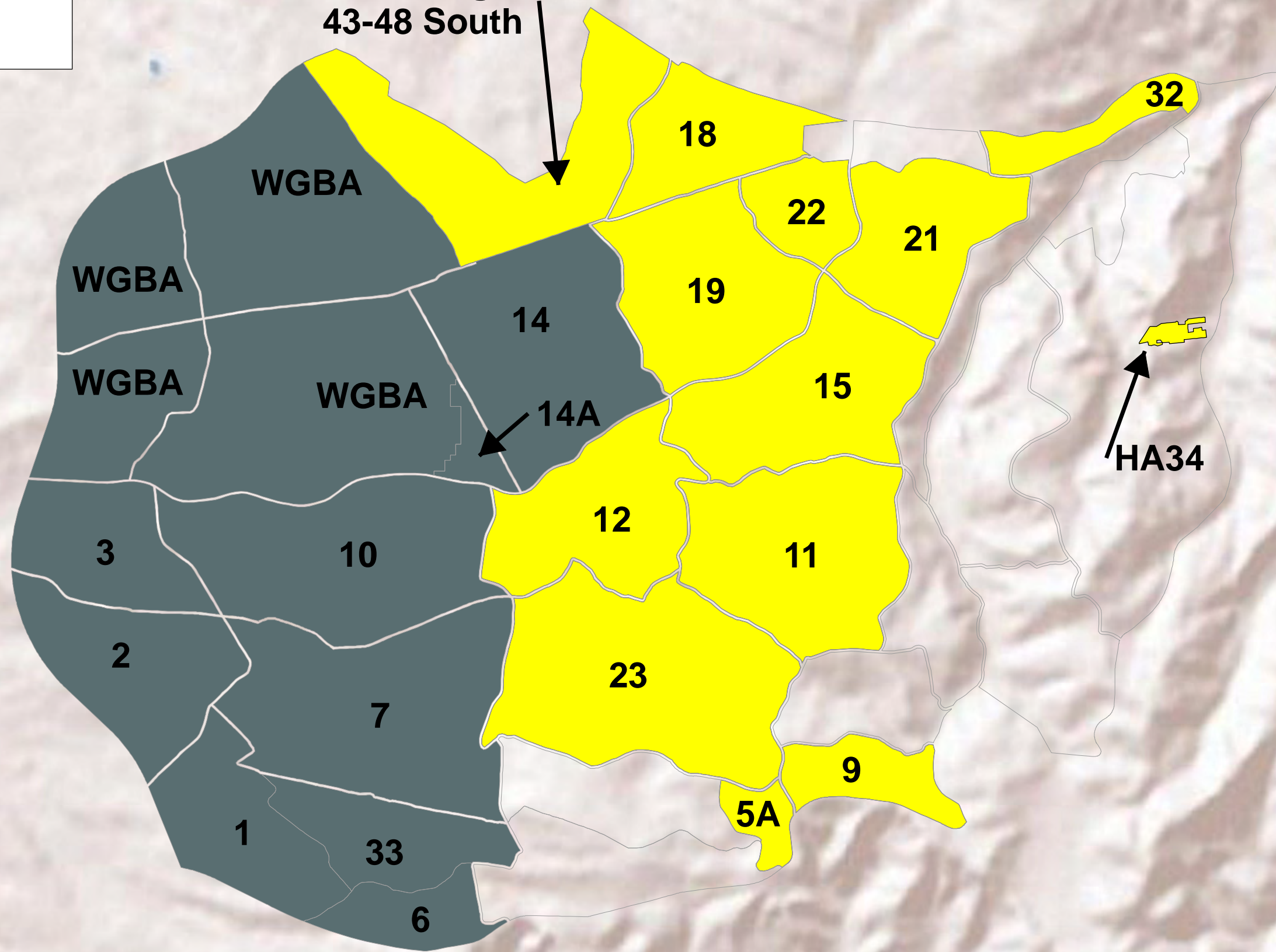
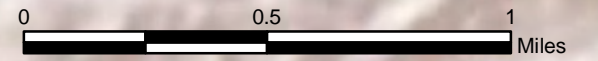


**UNIT 23 RISK REDUCTION
FORMER FORT ORD, CALIFORNIA**

Figure 1
MetalMapper Investigation Locations

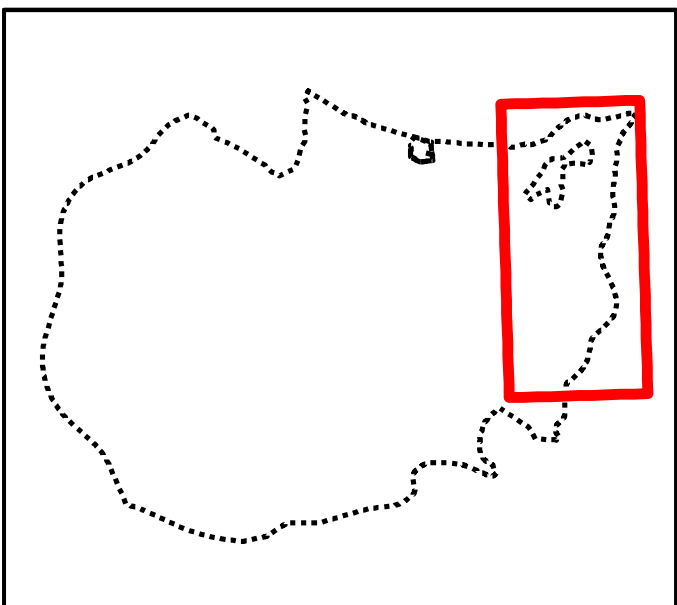
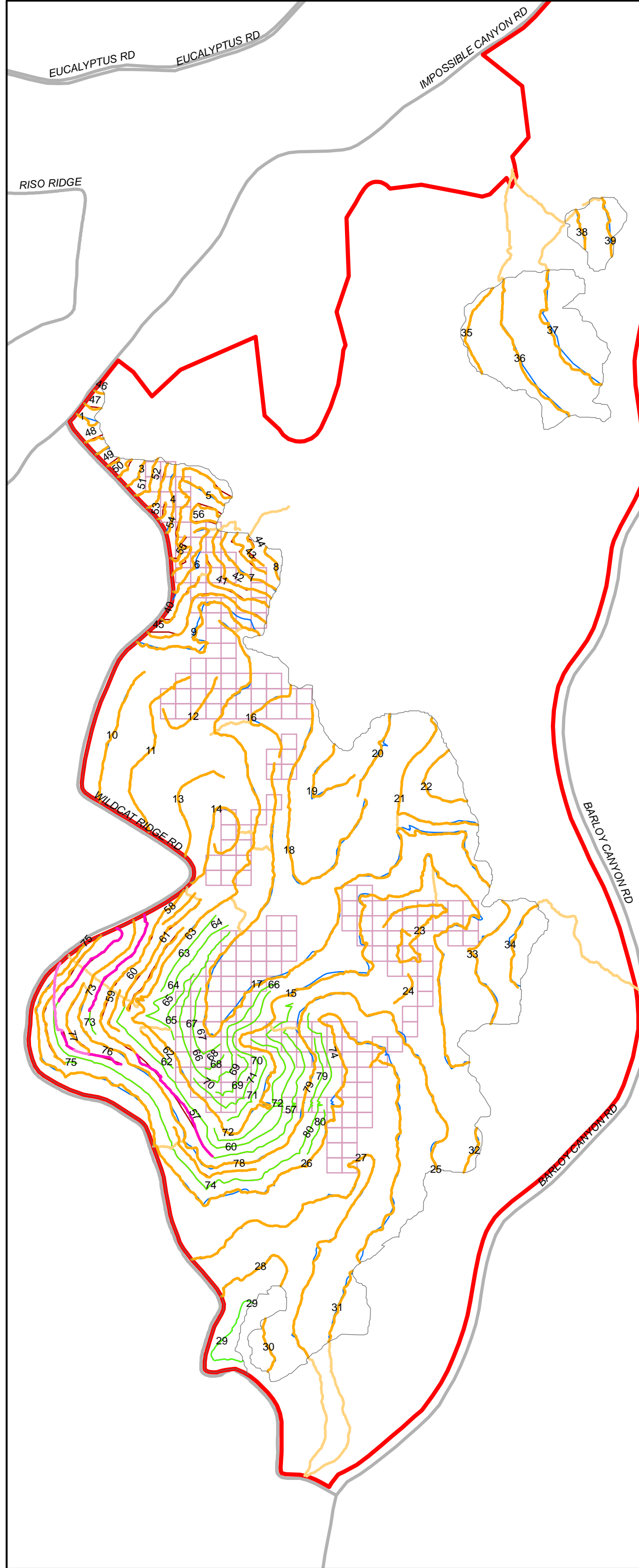


**MRS Ranges
43-48 South**



**Munitions and Explosives of Concern
2018 Track 3 Surface Area Monitoring Status
Former Fort Ord, California**

Figure 1
Status Map as of April 6, 2018
2018 Annual Site Surface Monitoring



Legend

- HMP Grids
- Transect Vegetation Removal - 02/01/18
- Access rte Vegetation Removal - 02/01/18
- Transect Vegetation Summary**
- Transect Vegetation Removal Complete
- Access Rte Vegetation Removal Complete
- Initial Phase II Transects
- Secondary Phase II Transects
- Uncut Transects Due to HMP Restrictions
- Unit Boundary
- Roads

Linear Ft	Transects	Access Routes	Grand Total
2/28/2018	0.00	0.00	0.00
Total	72232.59	9367.97	81600.56



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FORT ORD
Unit 17 Phase II Transects Vegetation Removal

Operations Completed Through: 02/28/2018