

MR Status  
Fort Ord MR BCT  
9 May 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 after 6/1.
- Surface MEC removal in Units B-3E and B3-W is complete.
- Surface MEC removal continues in Unit B and was started in Unit C.

**Digital Geophysical Mapping (DGM)**

- 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.

**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 QA validation digs is in progress.

**Munitions with Sensitive Fuzes Field Study**

- Metal Mapper 2x2 (MM 2x2) cued survey work is complete and the target dig list was developed (1,817).
- Reacquisition of the targets is complete and excavation of target digs has begun.
- Three MPPEH have been found to-date.

**Unit 23 Risk Reduction**

- Unit 23 Risk Reduction MM 2x2 cued survey of 1,279 targets began on 4/16 and was completed 5/3, except for targets in HMP grids.
- Target excavation will begin following completion of the Munitions with Sensitive Fuzes Field Study field work.

### **Restoration Activities and Fuel Break Marker Installation**

- Impact Area restoration projects and erosion control activities continue.
- Delineators were installed along the Impact Area 100-foot buffer.

### **Annual Surface Monitoring**

- Annual surface monitoring site walks for 2018 are in progress.
- Four MPPEH items have been found to date.

### **Target/Debris Disposal**

- One demo operation was conducted on 5/2 for three items (40mm HE) found during Munitions with Sensitive Fuzes Field Study field work.
- A consolidated demo operation is scheduled for 5/9 for 187 MPPEH items.
- 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**

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

### **Fuel Breaks QC Digs**

- Additional verification fieldwork will be conducted in specific segments of the fuel breaks.

## **MMRP SITE SECURITY PROGRAM**

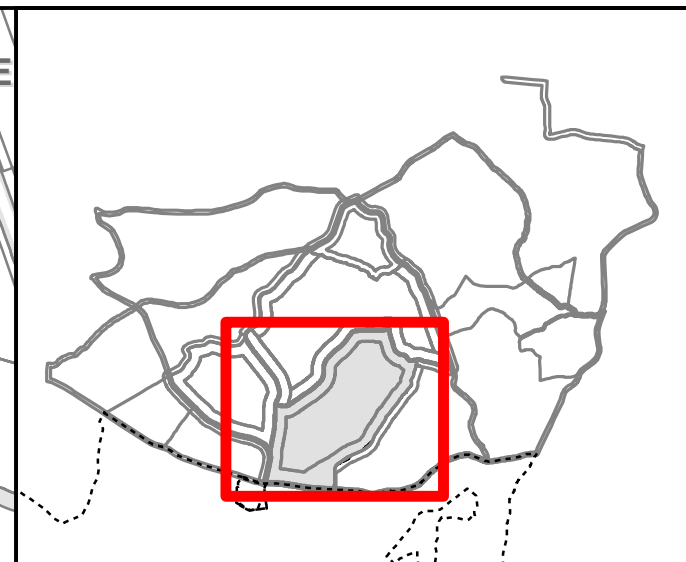
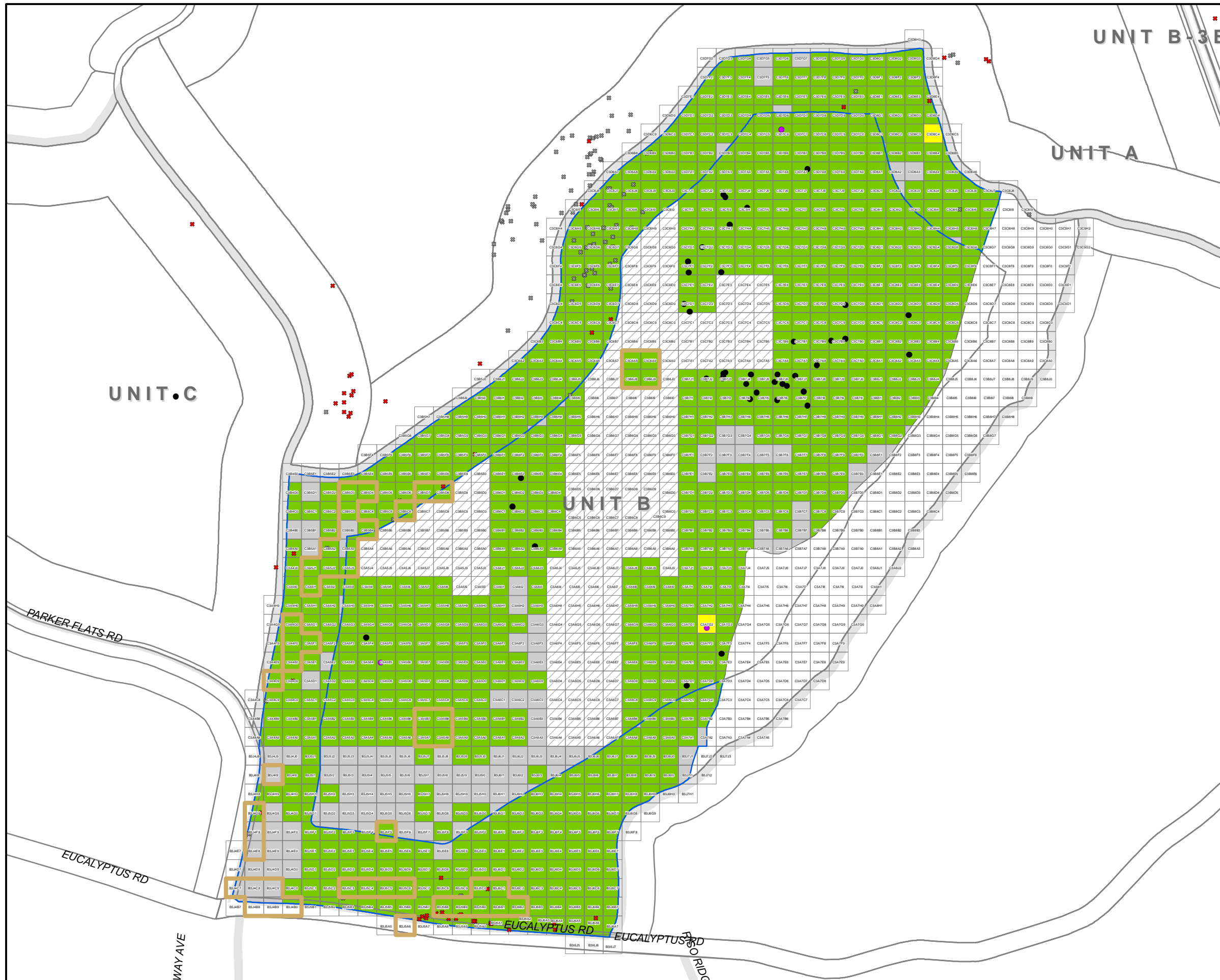
- Trespass Incident Reports
  - Last 28 days (ending 5/4/2018): 0
  - Year to Date: 3
- MEC Incident Reports
  - Last 28 days (ending 5/4/2018): 0
  - Year to Date: 2
- Community Education – Year to Date: 25
- MEC Recognition and Safety Training – Year to Date: 97

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

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

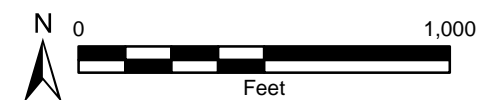




**Legend**

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

Operations Completed Through: 05/03/2018

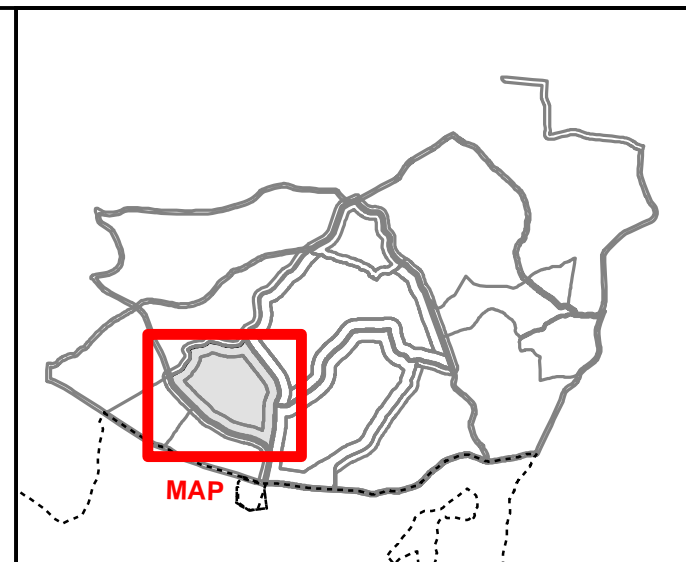


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SACRAMENTO DISTRICT

**Kemron**  
ENVIRONMENTAL SERVICES

**NAEVA** GEOPHYSICS INC.  
Seismicity Geophysical Services

**FORMER FORT ORD**  
Unit B MD Density



**Legend**

- DMM (CP)
- DMM (LIP)
- ✱ DMM (CP, Destroyed)
- ✱ DMM (LIP, Destroyed)
- MD, LIP
- ✱ Expended (Destroyed)
- ✱ Live (Destroyed)
- MPPEH (CP)
- MPPEH (LIP)
- ✱ UXO (LIP, Destroyed)

- ▭ Unit Outline
- ▭ Burn\_Unit\_Outline
- ▭ No MD
- ▭ < 75 Lbs MD
- ▭ 75-250 Lbs MD
- ▭ 250-500 Lbs MD
- ▭ 500-1000 Lbs MD
- ▭ > 1000 Lbs MD
- ▭ Surface Removal Planned

Operations Completed Through: 05/03/2018

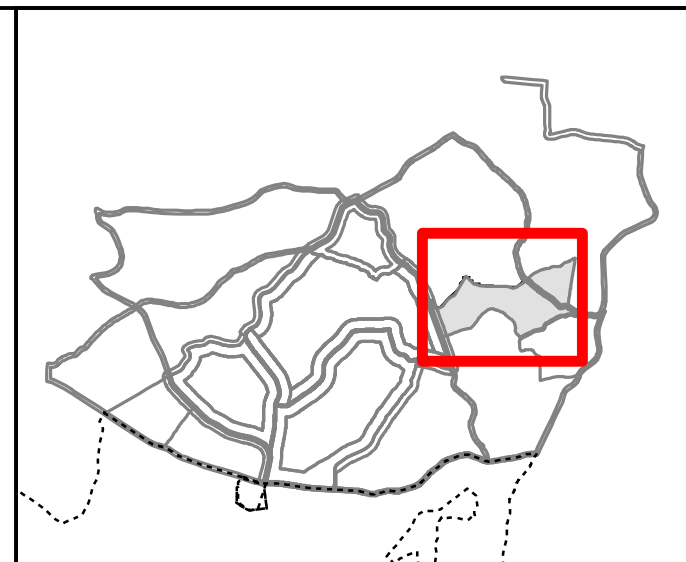
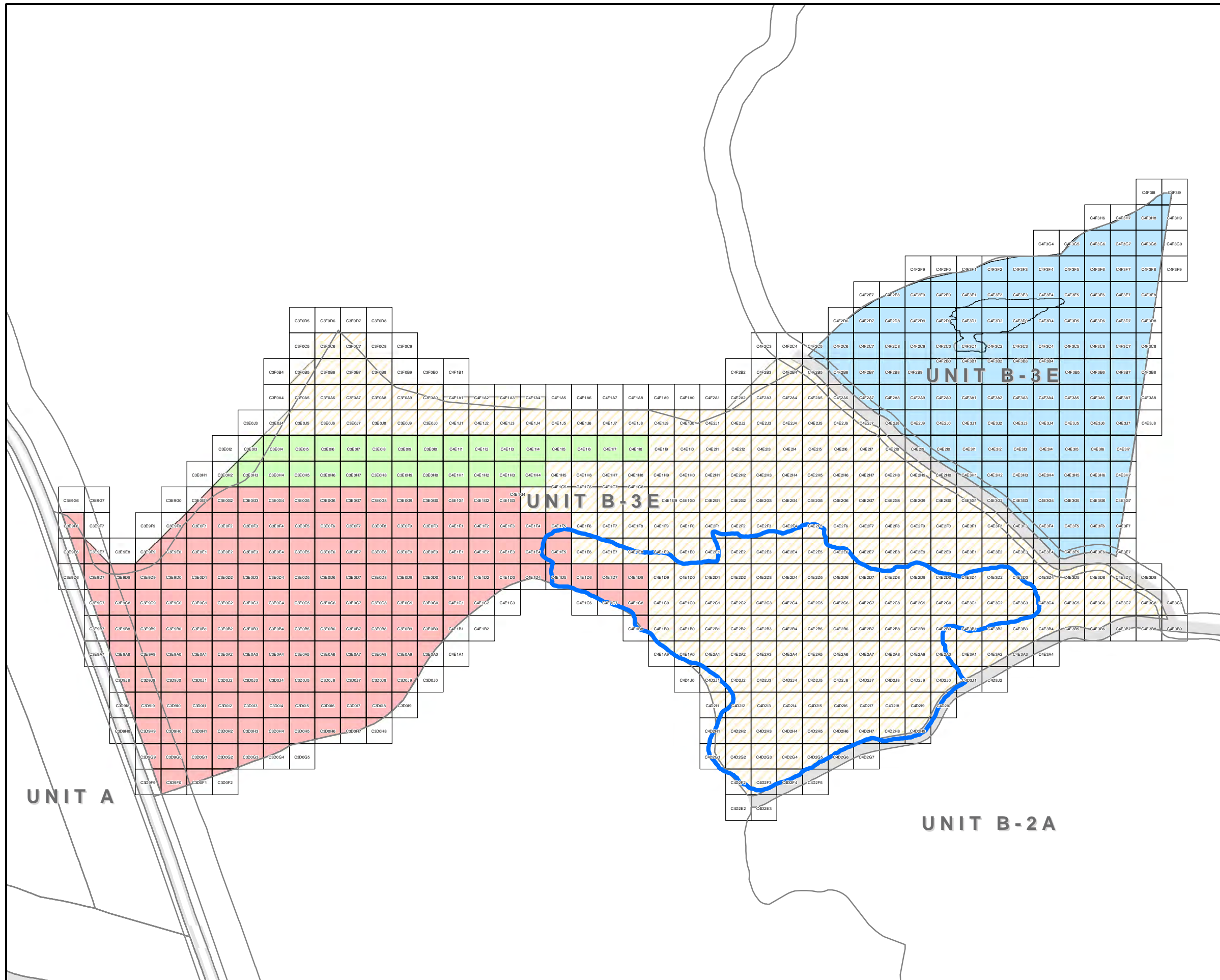
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Feet

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





NAEVA GEOPHYSICS INC.  
Seismicity Geophysical Services

**FORMER FORT ORD**  
Unit C MD Density

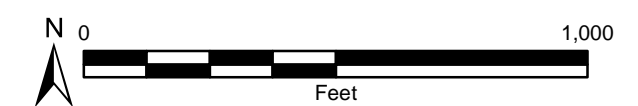




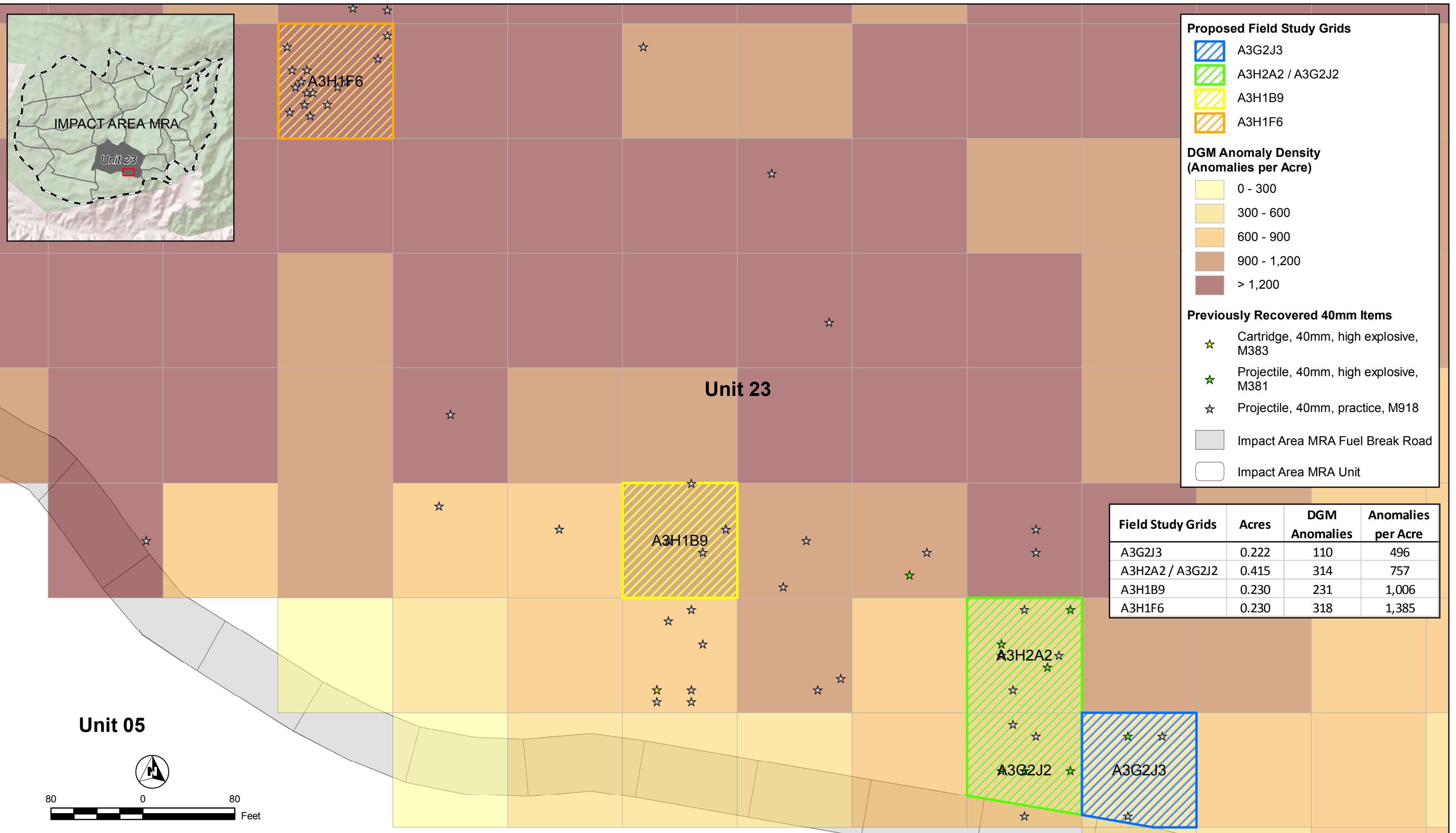
**Legend**

-  Dense Tree Boundary
-  Fuel Breaks
-  To Be Surveyed
- DGM Survey Status**
-  Field Collection Complete
-  Data Processing Complete
-  Data QC Complete
-  Data QA Complete

Operations Completed Through: 05/03/2018



**FORMER FORT ORD  
Unit B3E 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

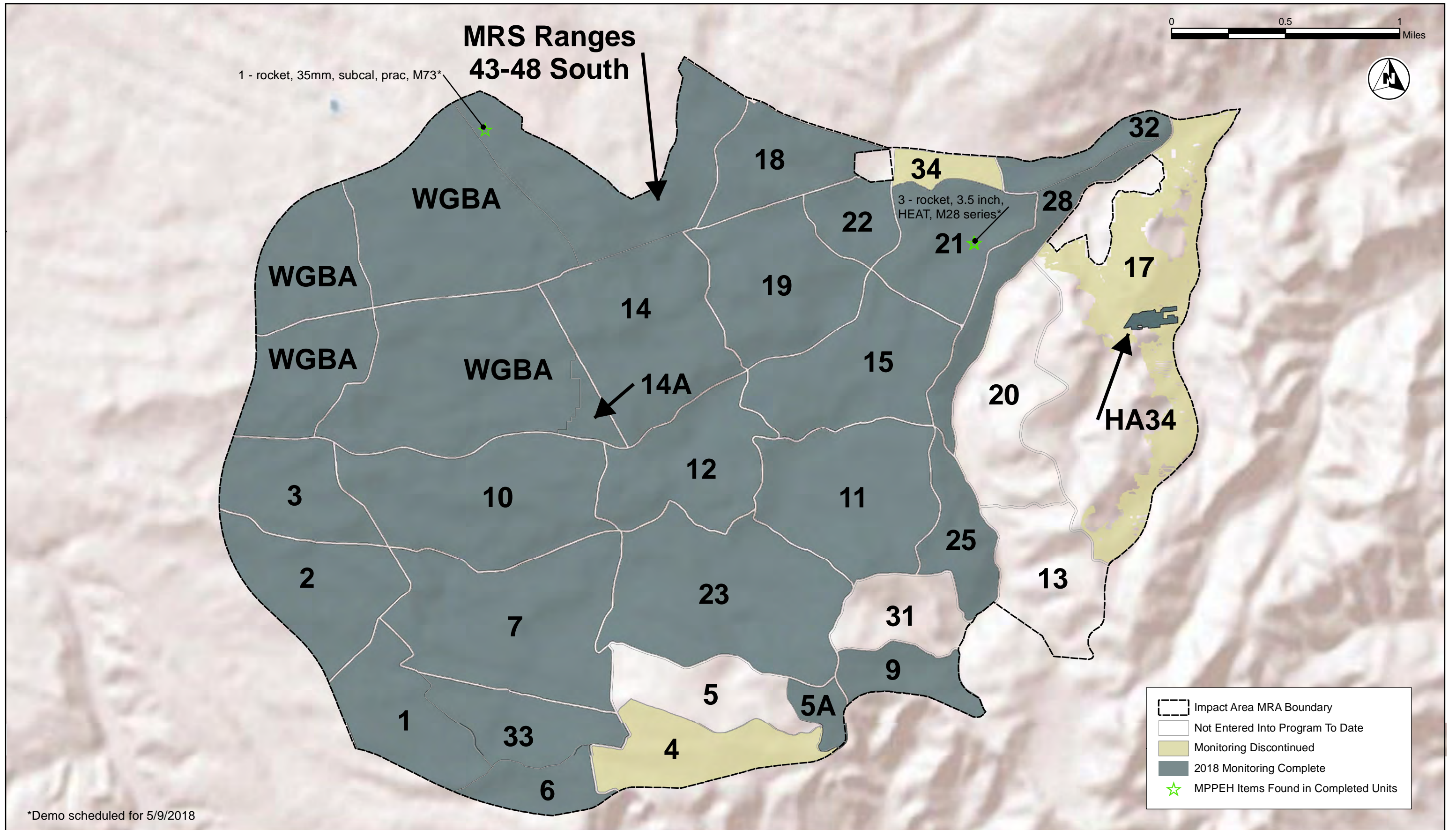
**Unit 05**



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

**Figure 1**  
Proposed Unit 23 Field Study Grids





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

**Figure 1**  
Status Map as of May 8, 2018  
2018 Annual Site Surface Monitoring