



FIELD VARIANCE FORM

DATE: 17-AUGUST-11 **PROJECT NAME:** Future East Garrison RI **PROJECT LOCATION:** Future East Garrison MRA
APPLICABLE DOCUMENT / SECTION: Final Group 4 Remedial Investigation/Feasibility Study (RI/FS) Work Plan – Volume 2, Section 2.2.1, Section 2.3, Section 2.3.2, Table 2-1, and Figure 2-1
SUBJECT: Expanded Investigation Acreage in Proposed Residential Area Parcel E11b.8

FIELD CHANGE CONDITION:

Initial remedial investigation and expansion of investigation area in accordance with FVF No. G4WP-001 are being conducted in the parcels adjacent to E11b.8 (Parcel E11b.6.1, E11b.7.1, L20.19.1.1) within the Future East Garrison Munitions Response Area (MRA). Parcel E11b.8 is proposed for future residential development. The Army conducted previous investigations and response actions in Parcel E11b.8 as discussed in Volume I of the Group 4 Remedial Investigation / Feasibility Study (RI/FS) Work Plan (USA 2001c; Figure 1). Figures 2 through 5 show the MEC and MD found during the Environmental Services Cooperative Agreement (ESCA) Remediation Program (RP) remedial investigation within the MRA to date. These preliminary results show that MEC and MD have been found adjacent to the boundary of Parcel E11b.8, indicating that MEC and MD may be present in Parcel E11b.8. The potential for MEC and MD within Parcel E11b.8 warrants additional investigation in order to complete the RI/FS for the Future East Garrison MRA.

RECOMMENDED APPROACH / CHANGE:

Additional remedial investigation is recommended to further define the extent of munitions usage within Parcel E11b.8 and to complete the RI/FS for the Future East Garrison MRA.

Figure 6 displays the additional investigation area and represents an update to Figure 2-1 presented in the Group 4 RI/FS Work Plan, Volume 2 and FVF No. G4WP-001. The total area for the additional investigation is approximately 67.7 acres.

The ESCA RP Team will conduct the additional investigation in accordance with the field investigation plan described in the Group 4 RI/FS Work Plan, Volume 2, Sections 2.3, 2.3.2 and 2.4. These sections describe the analog and digital investigation activities to be conducted during the remedial investigation. For Parcel E11b.8, digital investigations will be conducted where terrain permits and analog investigation will be conducted in the remainder of the area.

IMPACT ON PRESENT AND COMPLETED WORK:

The recommended additional investigation allows for complete characterization of Parcel E11b.8.

REQUESTED BY: Kristie Reimer, ESCA Remediation Program Manager (ARCADIS)

CLARIFICATION/FOR INFORMATION ONLY

MINOR CHANGE

MAJOR CHANGE

FORA ESCA REMEDIATION PROGRAM

FVF No. G4WP-002

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ESCA RP TEAM APPROVALS: G. CLARK, L. TEMPLE, B. MOE

COMMENTS

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OFFICER (WESTON)

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FORA APPROVAL:

COMMENTS



APPROVED



REJECTED

STAN COOK

FORA ESCA PROGRAM
MANAGER

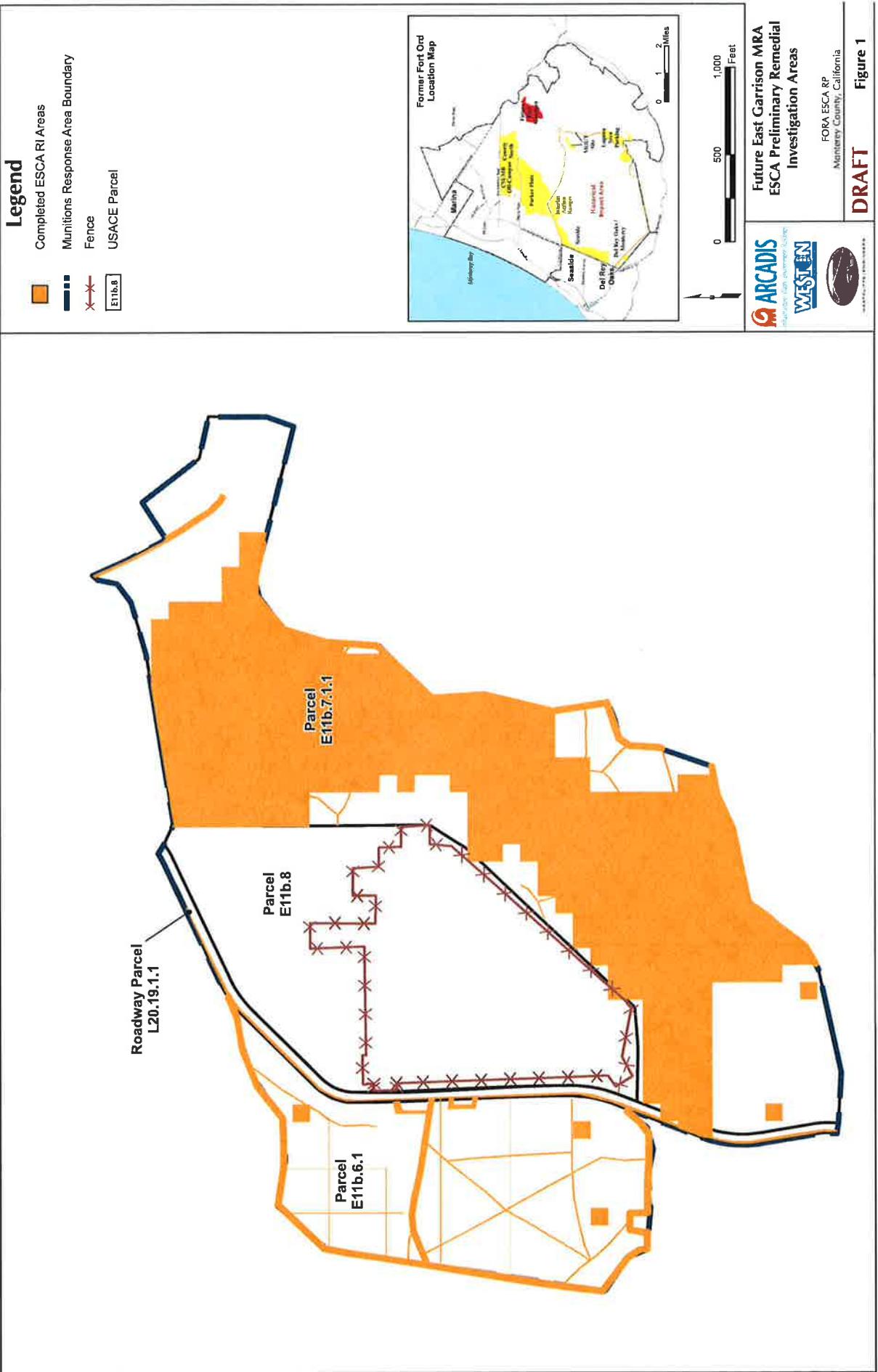
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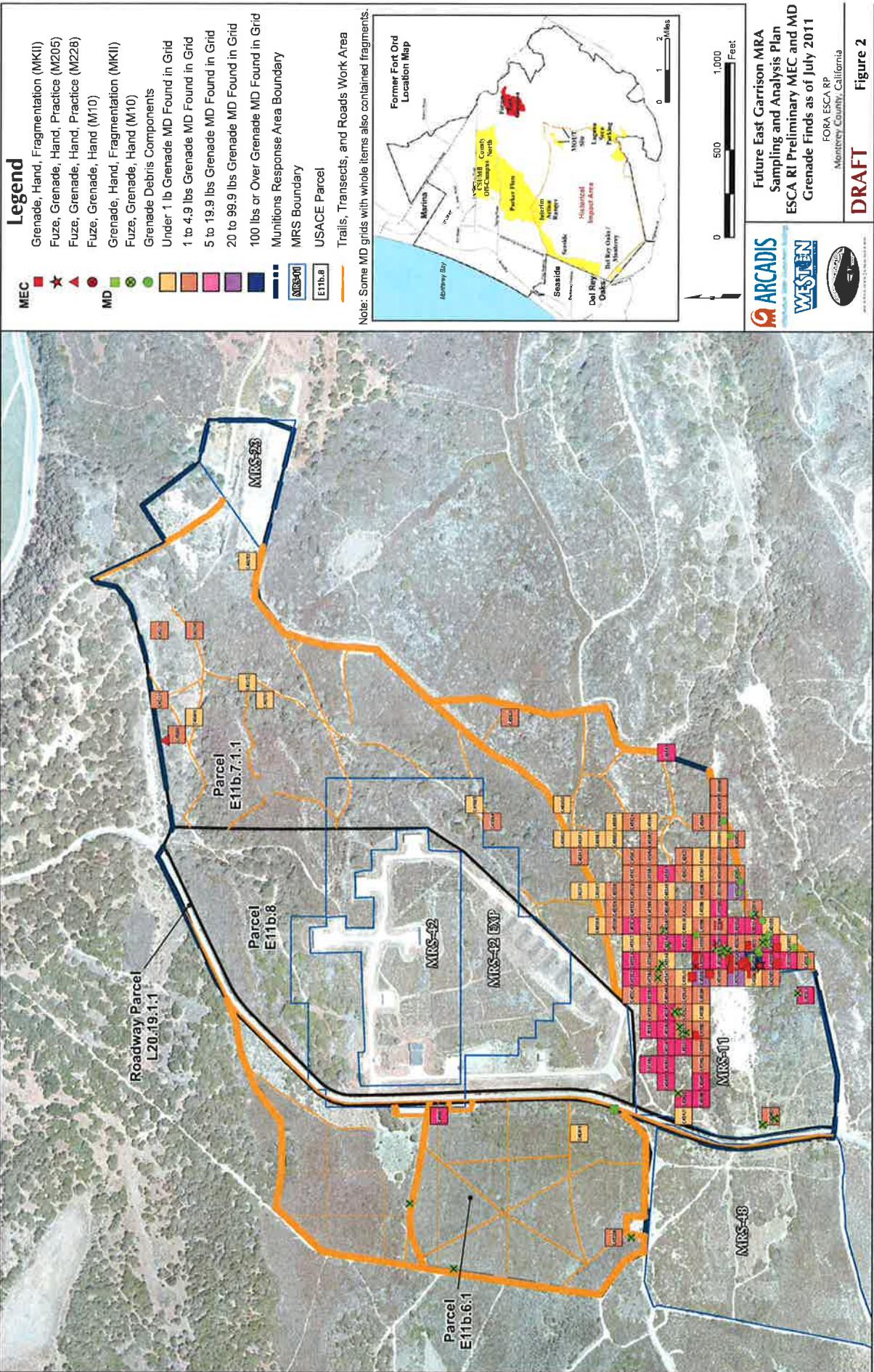
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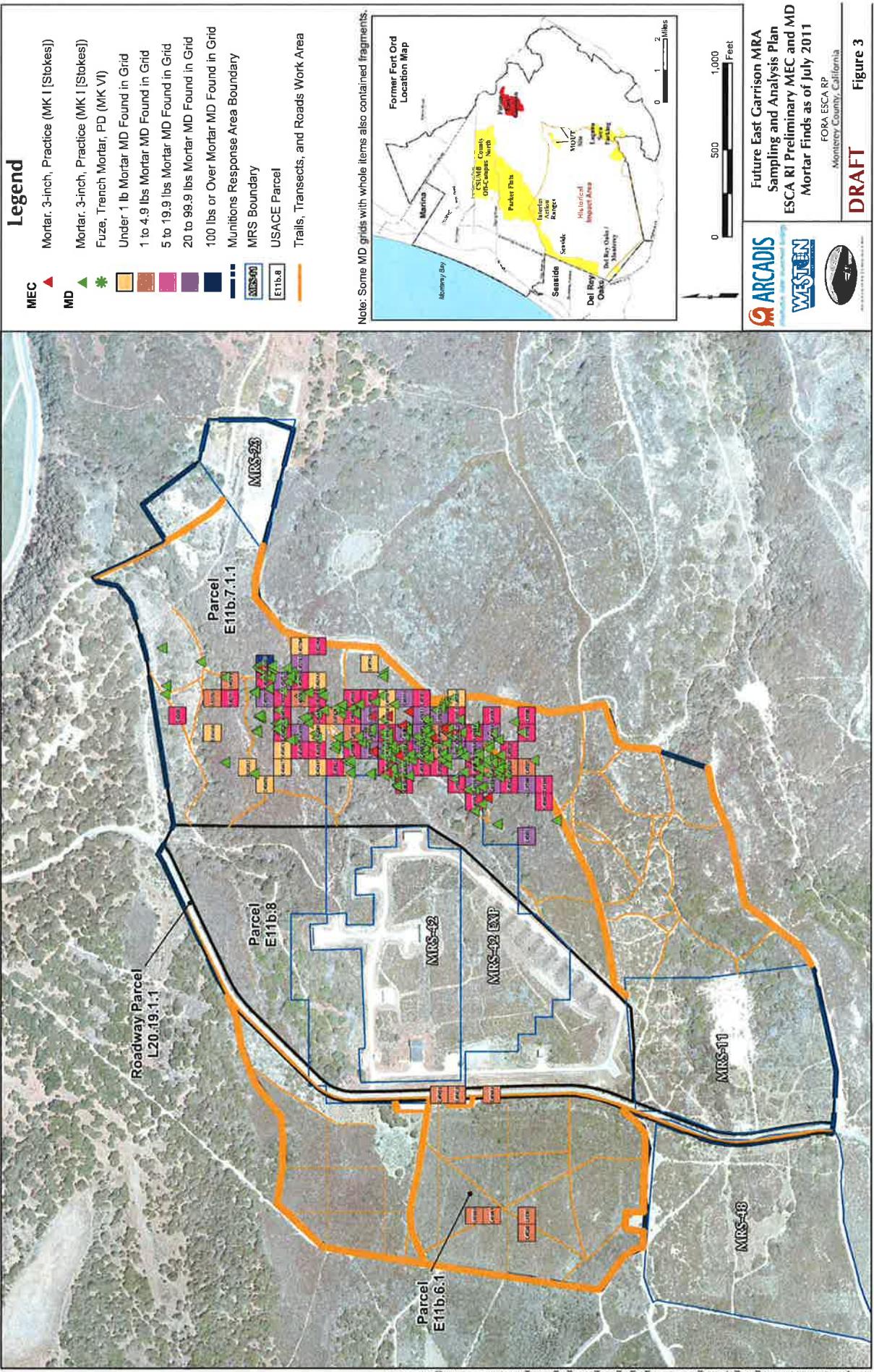
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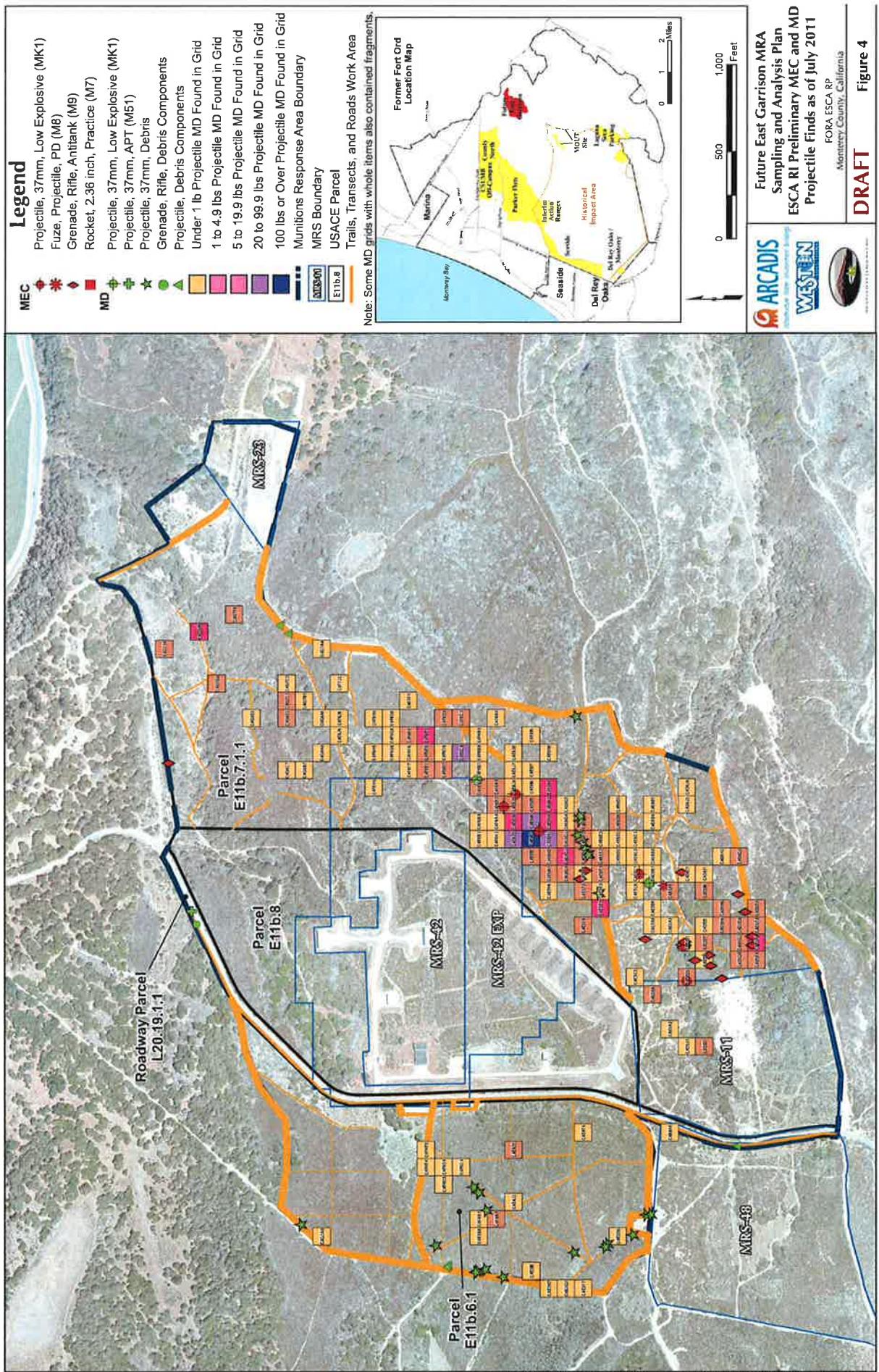
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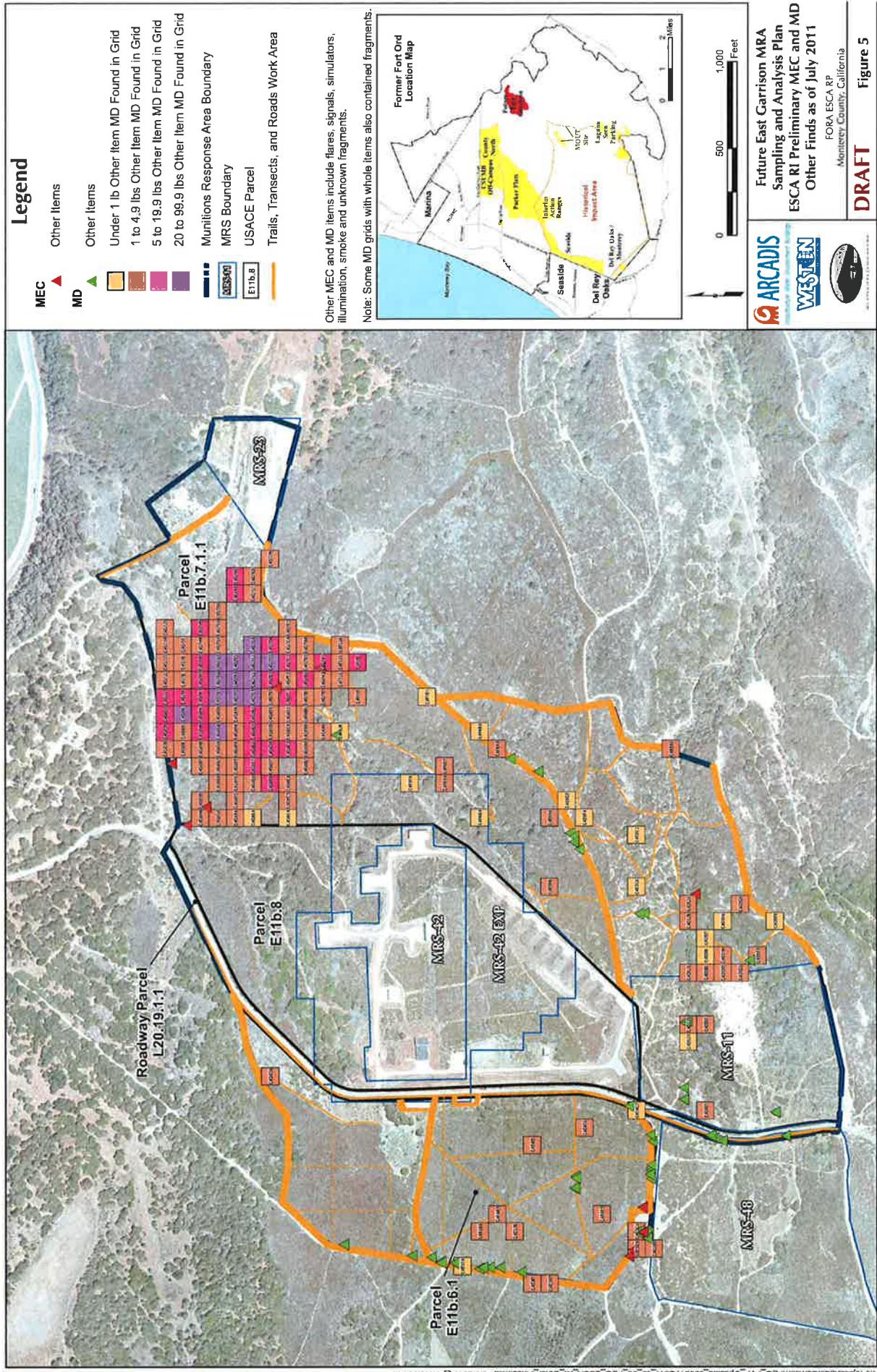
- Figure 1 - Future East Garrison MRA ESCA Remedial Investigation Areas
- Figure 2 - Future East Garrison MRA Sampling and Analysis Plan, ESCA RI Preliminary MEC and MD Grenade Finds
- Figure 3 - Future East Garrison MRA Sampling and Analysis Plan, ESCA RI Preliminary MEC and MD Mortar Finds
- Figure 4 - Future East Garrison MRA Sampling and Analysis Plan, ESCA RI Preliminary MEC and MD Projectile Finds
- Figure 5 - Future East Garrison MRA Sampling and Analysis Plan, ESCA RI Preliminary MEC and MD Other Finds
- Figure 6 - Future East Garrison MRA Sampling and Analysis Plan, Additional Investigation Area











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