BLM Area B - Unit B-3E
Stand of Dense Vegetation

- Primary purpose of DGM data collection is to provide a record of remaining subsurface anomalies to assist BLM planning of future intrusive (subsurface) activities. A large section on the south-east side of Unit B-3E contains standing vegetation at a density too great to allow DGM data collection with the towed array.

- The BLM Area B SSWP identifies that vegetation will be cut to a height of six inches or less above the ground surface (excluding trees with a diameter of four inches or larger at breast height) unless vegetation is specifically marked for protection and avoidance. Hand crews limbed the trees left standing, to a height specified for fire safety, and retained all branches larger than four inches in diameter. At the request of BLM, and with authorization from the Army, a number of manzanitas in this area were retained. Additionally, the Project Biologist marked Toro manzanita (an HMP species) for protection and avoidance. Manzanitas left standing were limbed, if necessary, with only the minimum amount of limbs removed to allow access beneath the individuals. Hand crews manually cleared the understory.

- UXO personnel completed technology-aided surface MEC removal in the stand of dense vegetation and the remainder of Unit B-3E.

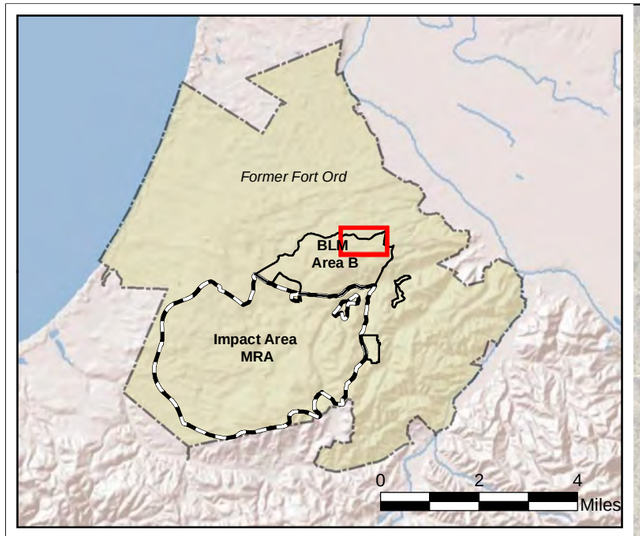
- DGM data was collected in Unit B-3E with EM61-MK2 in towed array mode as close to the stand of dense vegetation as possible. The density of the vegetation is such that mapping the area with a single EM61-MK2 in person portable mode is not possible (the canopy renders GPS positioning ineffective).

- Subsurface MEC removal will be conducted in planned trail alignments (12-ft wide). Analog instruments will be used in the portion of the trails where DGM data is not available. In this dense stand of vegetation, future changes to the trail alignment are not expected. Given the planned reuse of this area and the desire to retain the character of this trail as much as possible, additional vegetation cutting in order to collect DGM data is not recommended.

Photos of the area attached.

Figures attached include:

  - BLM Area B - Unit B-3E MEC Removed During Remedial Action
  - BLM Area B - Unit B-3E MD Weight per Grid
  - BLM Area B - Unit B-3E DGM Survey Results

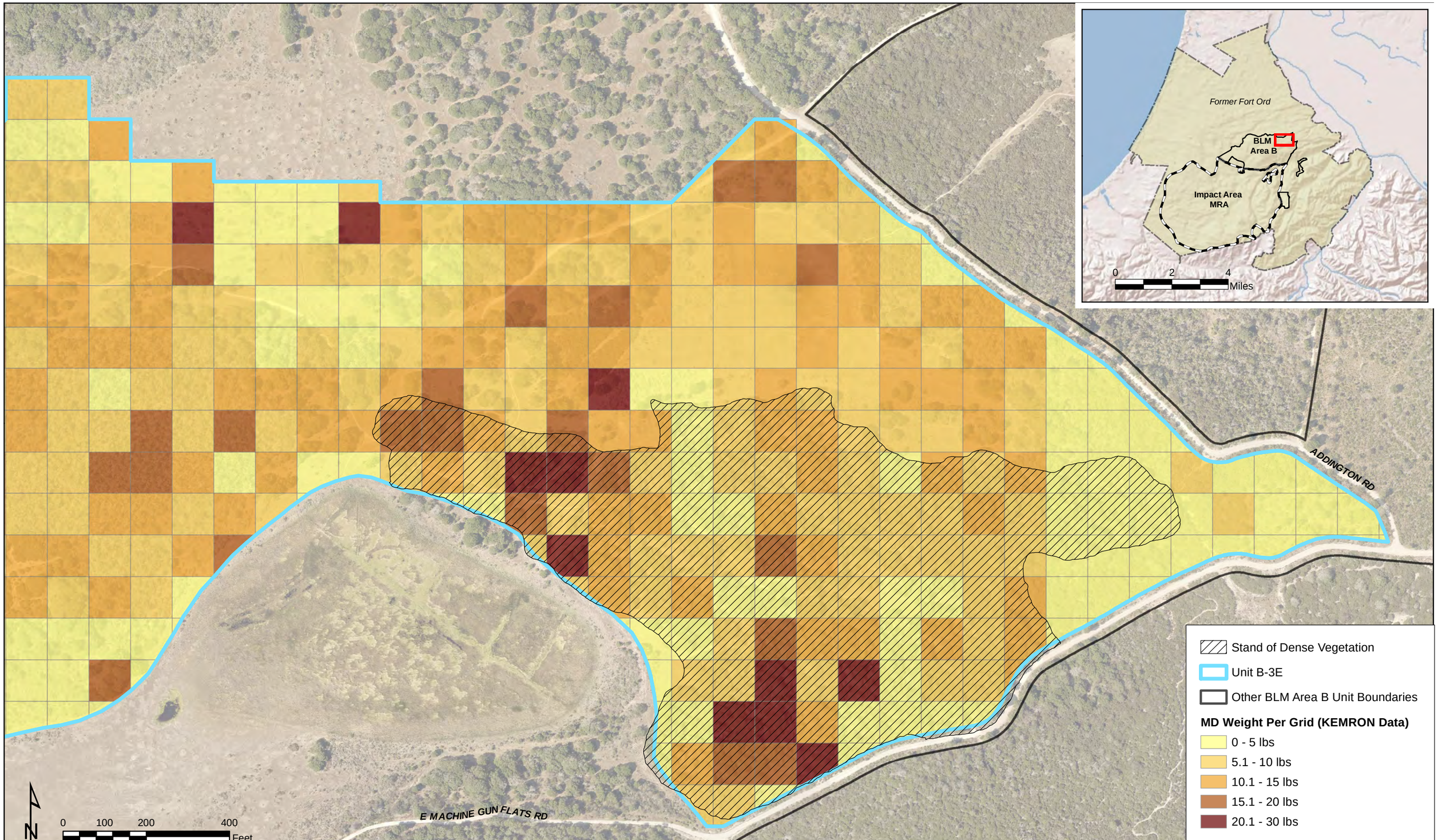


BLM Area B - Unit B-3E
BLM Area B
Former Fort Ord, California

Figure 1

MEC Removed During Remedial Action

C:\Users\shession\Documents\GIS_Files\PROJECTS\BLM\Area_B\TM\B-3E\Maps\11x17_Fig4_MEC.mxd 8/15/2018 [08:54 AM] SHESSION, KEMRON



KEMRON ENVIRONMENTAL SERVICES

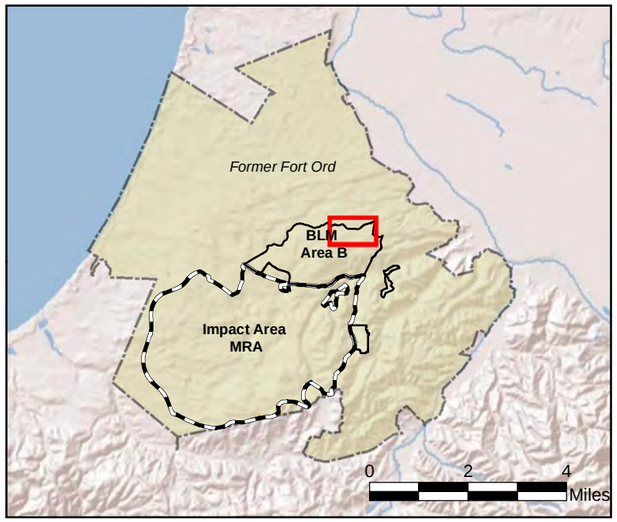
Gilbane

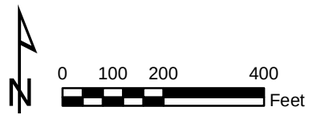
BLM Area B - Unit B-3E
BLM Area B
Former Fort Ord, California

Figure 2

Munitions Debris Weight per Grid

C:\Users\shession\Documents\GIS_Files\PROJECTS\BLM\Area_B\TM\B-3E\Maps\B-3E_MD.mxd 8/15/2018 [08:47 AM] SHESSION, KEMRON





Stand of Dense Vegetation

Unit B-3E

Other BLM Area B Unit Boundaries

100
96
92
88
84
80
76
72
68
64
60
56
52
48
44
40
36
32
28
24
20
16
12
8
4
0
mV
Sum Channel

BLM Area B - Unit B-3E
BLM Area B
Former Fort Ord, California

Figure 3

DGM Survey Results

C:\Users\shession\Documents\GIS_Files\PROJECTS\BLM\Area_B\TM\B-3E\Maps\11x17_Fig6_DGM.mxd 8/15/2018 [08:39 AM] SHESSION, KEMRON