

5.0 Analog Removal

Analog methods using magnetometers were used for surface clearance of the whole site. As described in [Section 3.2.2](#), analog methods were also used for subsurface removal in 23 grids.

5.1 Surface MEC Removal

Following the prescribed burn and vegetation clearance, the UXO team performed a magnetometer-assisted surface removal of MEC and other metallic debris. The objective was to remove MEC and any metallic items that would impede geophysical surveys. MEC items removed as part of this operation were the following:

Description	Number of items
M1 practice Anti-tank Mines	27
M1 practice Anti-tank Mine Fuzes	3
M49 series Surface Trip Flares	4
M125 series ground illumination signals	2
M22 Launching Anti-tank Missile Simulators	2
MKII practice Hand Grenades	2
MKI Low-explosive 37mm Projectile	1
M6 High-Explosive Anti-Tank 2.36" Rocket	1
Total items	42

Munitions and explosives of concern items recovered as part of this operation are included in [Table 5-2](#). The estimated total weight of MD recovered as part of this operation was 2,338 pounds. MD weights associated with this operation are included in [Table 5-3](#).

5.2 Subsurface MEC Removal

Analog methods were used for subsurface removal in grids which were found to have a high anomaly density using DGM. These grids are shown on [Figure 3-1](#). The description below details the process for subsurface removal using analog methods at MRS-16:

The SUXOS assigned mag & dig grids to the UXO Team leaders during the daily morning project brief. Once the UXO Team located the mag & dig area a series of sweep lanes up to 5-foot wide were established using flagging or rope. These lanes acted as guidelines for the UXO technicians during the mag & dig removal and ensured full removal coverage within the grids.