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14. ABSTRACT

The purpose of this Digital Geophysical Mapping Report is to determine the horizontal extent of potential MEC contamination and other suspected buried anomalies without performing intrusive activities at RVAAP-34 Sand Creek Disposal Road Landfill, RVAAP-03 Open Demolition Area #1, and RVAAP-28 Mustard Agent Burial Site. The geophysical investigation activities for the three areas of concern presented in this document and performed under this delivery order were conducted in accordance with the Facility-Wide Data Quality Objectives described in the Facility-Wide Sampling and Analysis Plan and the revised Performance Work Statement. This geophysical investigation used high-sensitivity metal detection instruments and global positioning systems selected in accordance with the findings of the Geophysical Prove-Out Report. The extent of MEC and debris at the three areas of concern have been adequately defined based on visual observations and the collected geophysical data. Based on the visual observations made in the field and the interpretation of the geophysical data it is suggested that the geophysical data be used as a tool in the subsequent investigative approach to identify and prioritize potential sampling locations at the three areas of concern.

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RVAAP-34, Sand Creek Disposal Road Landfill, RVAAP-03, Open Demolition Area #1, RVAAP-28, Mustard Agent Burial Site, Digital Geophysical Mapping Report

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a. REPORT	b. ABSTRACT	c. THIS PAGE			Dave Cobb
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Final Digital Geophysical Mapping Report for the RVAAP-34 Sand Creek Disposal Road Landfill, RVAAP-03 Open Demolition Area #1, and RVAAP-28 Mustard Agent Burial Site
Version 1.0

Ravenna Army Ammunition Plant
Ravenna, Ohio

Contract No. W912QR-08-D-0013
Delivery Order 0002

Prepared for:

US Army Corps
of Engineers ®
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January 11, 2011

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NGB – National Guard Bureau
Ohio EPA – Ohio Environmental Protection Agency
OHARNG – Ohio Army National Guard
RVAAP – Ravenna Army Ammunition Plant
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USACE – U.S. Army Corps of Engineers
USAEC – U.S. Army Environmental Command

CONTRACTOR'S STATEMENT OF INDEPENDENT TECHNICAL REVIEW

Shaw Environmental & Infrastructure, Inc. has completed the *Final Digital Geophysical Mapping Report for the RVAAP-34 Sand Creek Disposal Road Landfill, RVAAP-03 Open Demolition Area #1, and RVAAP-28 Mustard Agent Burial Site* at the Ravenna Army Ammunition Plant, Ravenna, Ohio. Notice is hereby given that Shaw has conducted an independent technical review that is appropriate to the level of risk and complexity inherent in the project. During the independent technical review, compliance with established policy, principles, and procedures, utilizing justified and valid assumptions, was verified. This included review of data quality objectives; technical assumptions; methods, procedures, and materials to be used; the appropriateness of data used and level of data obtained; and reasonableness of the results, including whether the product meets customer's needs consistent with law and existing USACE policy.

Reviewed / Approved by: _____ Date: 1/11/2011
David Cobb
Project/Program Manager

Reviewed / Approved by: _____ Date: 1/11/2011
David Crispo, P.E.
Technical/Regulatory Lead

Prepared by: _____ Date: 1/11/2011
Brian P. McCarthy
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Appendix E Comment Response Table
Appendix F Ohio EPA Approval Letter

Note: The data and information in Appendix B and Appendix C are provided in electronic format on separate compact discs. The data in Appendix B requires the Oasis Montaj UX Process program in order to open these files. The data provided in Appendix B relates to the digitization of the information shown on Figures 4-1a, 4-1b, 4-2a, 4-2b and 4-3 in this report.

Acronyms and Abbreviations

1D	one dimensional
A/E	Architectural/Engineering
ACM	Asbestos Containing Material
AOC	Area of Concern
ASCII	American Standard Code for Information Interchange
bgs	below ground surface
cm	centimeters
CAIS	Chemical Agent Identification Sets
Camp Ravenna	Camp Ravenna Joint Military Training center
C&D	construction and demolition
DGM	Digital Geophysical Mapping
DGM Report	Digital Geophysical Mapping Report
DID	Data Item Descriptions
DoD	Department of Defense
EQM	Environmental Quality Management
EM	electromagnetic
EM61-MK2	Geonics EM61-MK2A Metal Detector
EQM	Environmental Quality Management, Inc.
ft	foot or feet
G-858	Geometrics G-858G Cesium Vapor Magnetometer (single sensor)
G-858G	Geometrics G-858 Cesium Vapor Magnetometer (2 sensors)
GIS	Geographic Information System
GIP	Geophysical Investigation Plan
GNSS	Global Navigation Satellite System
GPO	Geophysical Prove-Out
GPS	Global Positioning System
gridpeak.gx	automatic anomaly selection tool
Hz	Hertz
in	inch or inches
IRP	Installation Restoration Program
km	kilometer
Leica	Leica TPS1203 Total Station
MABS	Mustard Agent Burial Site
MD	munitions debris
MEC	munitions and explosive of concern
MKM	MKM Engineers, Inc.
m	meters
mm	millimeters
MMRP	Military Munitions Response Program
MR	munitions response
mV	milliVolts
NACA	National Advisory Committee for Aeronautics
NMEA	National Marine Electronics Association

Acronyms and Abbreviations (Continued)

nT	nanotesla or nanoteslas
NTA	NACA Test Area
Oasis	Geosoft Oasis Montaj
OB/OD	open burning/open detonation
ODA1	Open Demolition Area #1
OHARNG	Ohio Army National Guard
Ohio EPA	Ohio Environmental Protection Agency
PIG	steel shipping cylinder
ppm	parts-per-million
process.log	processing log
RA	removal action
RTK	Real-time Kinematic
RTS	Robotic Total Station
RVAAP	Ravenna Army Ammunition Plant
SAIC	Science Applications International Corporation
Sand Creek	Sand Creek Disposal Road Landfill
Shaw	Shaw Environmental and Infrastructure, Inc.
USACE	U.S. Army Corps of Engineers
USAESCH	U.S. Army Corps of Engineers, Engineering and Support Center, Huntsville
UTM	Universal Transverse Mercator
UXO	Unexploded Ordnance

1.0 Introduction

This *Digital Geophysical Mapping Report for the RVAAP-34 Sand Creek Disposal Road Landfill, RVAAP-03 Open Demolition Area #1, and RVAAP-28 Mustard Agent Burial Site* (*DGM Report*) was prepared by Shaw Environmental & Infrastructure, Inc. (Shaw) under Delivery Order 0002 for Architectural/Engineering (A/E) Environmental Services at the Ravenna Army Ammunition Plant (RVAAP) in Ravenna, Ohio, under the Indefinite Delivery/Indefinite Quantity Contract No. W912QR-08-D-0013. The task order was issued by the U.S. Army Corps of Engineers, Louisville District (USACE) on September 22, 2008.

1.1 Purpose and Scope

This *DGM Report* documents the geophysical investigation activities performed at three Areas of Concern (AOCs) at the RVAAP. The three AOCs investigated at the RVAAP include RVAAP-34 Sand Creek Disposal Road Landfill (Sand Creek Site), RVAAP-03 Open Demolition Area #1 (ODA1), and RVAAP-28 Mustard Agent Burial Site (MABS). The primary objective of the geophysical investigations was to determine the horizontal extent of potential munitions and explosives of concern (MEC) contamination and other suspected buried anomalies without performing intrusive activities. The geophysical investigation procedures implemented during DGM activities adhered to the systematic approach outlined in the *Geophysical Investigation Plan (GIP) for the RVAAP-34 Sand Creek Disposal Road Landfill, RVAAP-03 Open Demolition Area #1, and RVAAP-28 Mustard Agent Burial Site* (Shaw, 2009). The survey techniques and DGM instruments utilized were conducted in accordance with the findings of the *Geophysical Prove-Out (GPO) Report for the RVAAP-34 Sand Creek Disposal Road Landfill, RVAAP-03 Open Demolition Area #1, and RVAAP-28 Mustard Agent Burial Site,* (Shaw, 2010b).

1.2 Geophysical Investigation Program Objectives

The primary objective of the geophysical investigation was to evaluate the data to characterize the anomaly density at the three AOCs: Sand Creek Site, ODA1, and MABS. The results of the geophysical survey presented herein include a summary of the field activities, geophysical data (raw and processed), and a summary of the DGM results for each AOC. The *GIP* (Shaw, 2009) for this investigation was developed in accordance with U.S. Army Engineering Support Center, Huntsville (USAESCH) *Data Item Description (DID) Geophysics – Munitions Response (MR)-005-05.01* (USACE, 2007b).

1.3 Site Description and Background

The RVAAP is located in northeastern Ohio within Portage and Trumbull counties, approximately 1.6 kilometers (km) (1 mile) northwest of the city of Newton Falls and 4.8 km (3 miles) east-northeast of the city of Ravenna (**Figure 1-1**). The facility is a parcel of property

approximately 17.7 km (11 miles) long and 5.6 km (3.5 miles) wide bounded by State Route 5, the Michael J. Kirwan Reservoir, and the CSX System Railroad on the south; Garret, McCormick, and Berry roads on the west; the Norfolk Southern Railroad on the north; and State Route 534 on the east (**Figure 1-2**).

As of February 2006, a total of 20,403 acres of the former 21,683-acre RVAAP have been transferred to the United States Property and Fiscal Officer for Ohio and subsequently licensed to the Ohio Army National Guard (OHARNG) for use as a training site. Currently, RVAAP consists of 1,280 acres in several distinct parcels scattered throughout the confines of the Camp Ravenna Joint Military Training center (Camp Ravenna). RVAAP's remaining parcels of land are located completely within Camp Ravenna. Camp Ravenna did not exist when RVAAP was operational, and the entire 21,683-acre parcel was a government-owned, contractor-operated industrial facility.

The RVAAP Installation Restoration Program (IRP) encompasses investigation and cleanup of past activities over the entire 21,683-acres of the former RVAAP; therefore, references to the RVAAP in this document are considered to be inclusive of the historical extent of the RVAAP, which is inclusive of the combined acreages of the current Camp Ravenna and RVAAP, unless otherwise specifically stated. The Ohio Environmental Protection Agency (Ohio EPA) is the lead regulatory agency for the investigation and remediation conducted by the Army under the U.S. Department of Defense (DoD) IRP.

1.3.1 RVAAP-34 Sand Creek Disposal Road Landfill

The Sand Creek Site is a former open dump area at the RVAAP. Construction and demolition (C&D) type material were delivered to the site and dumped over an embankment located immediately adjacent to Sand Creek. The dump site extended along the embankment for approximately 1,200 feet (ft) and varied in width from 20 to 40 ft from the top of the bank to the bottom. The bank slopes from east to west towards Sand Creek at 40 to 60 degrees from the horizontal. There are no records indicating the quantities or materials dumped at the site, and the dates of operation for the landfill are unknown. Several buildings associated with the former Sand Creek Sewage Treatment Plant are located northeast of the site. Surface water runoff follows the topography of the site and flows in a westerly direction where it enters Sand Creek. A very narrow floodplain occupies the land between the bottom of the embankment and Sand Creek (MKM, 2004). An inactive railroad bed bisects the AOC. Site features are depicted in **Figure 1-3**.

Figure 1-1
RVAAP Location Map

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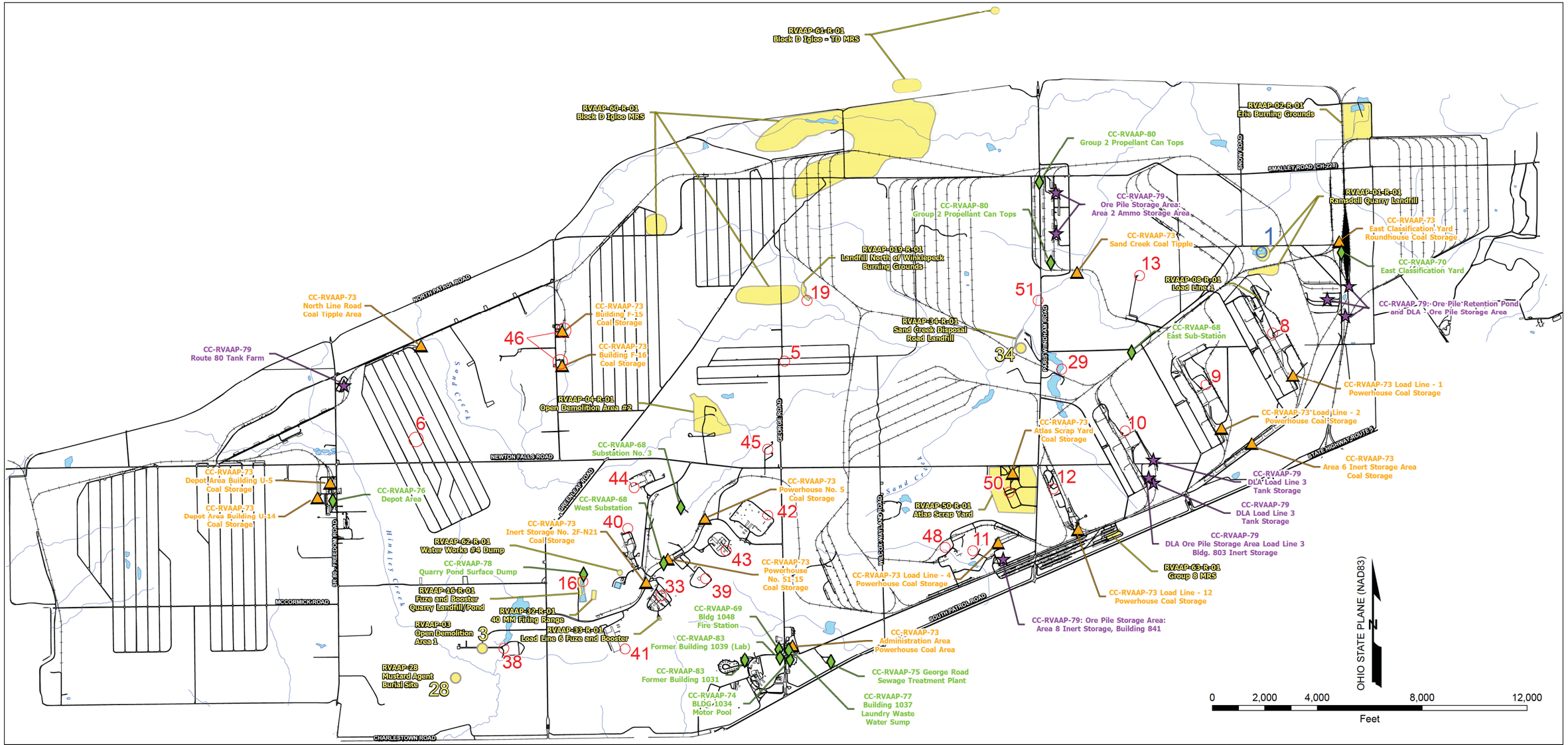

LEGEND OF SITES

IRP SITES (29 SITES)

- RVAAP-01 ..... RAMSDELL QUARRY LANDFILL
- RVAAP-03 ..... OPEN DEMOLITION AREA 1
- RVAAP-05 ..... WINKLEPECK BURNING GROUNDS
- RVAAP-06 ..... C BLOCK QUARRY
- RVAAP-08 ..... LOAD LINE 1
- RVAAP-09 ..... LOAD LINE 2
- RVAAP-10 ..... LOAD LINE 3
- RVAAP-11 ..... LOAD LINE 4
- RVAAP-12 ..... LOAD LINE 12
- RVAAP-13 ..... BLDG 1200 AND DILLUTION/SETTLING POND
- RVAAP-16 ..... FUZE AND BOOSTER QUARRY LANDFILL/PONDS
- RVAAP-19 ..... LANDFILL NORTH OF WINKLEPECK BURNING GROUND
- RVAAP-28 ..... MUSTARD AGENT BURIAL SITE
- RVAAP-29 ..... UPPER AND LOWER COBBS POND
- RVAAP-33 ..... LOAD LINE 6
- RVAAP-34 ..... SAND CREEK DISPOSAL ROAD LANDFILL
- RVAAP-38 ..... NACA TEST AREA
- RVAAP-39 ..... LOAD LINE 5
- RVAAP-40 ..... LOAD LINE 7
- RVAAP-41 ..... LOAD LINE 8
- RVAAP-42 ..... LOAD LINE 9
- RVAAP-43 ..... LOAD LINE 10
- RVAAP-44 ..... LOAD LINE 11
- RVAAP-45 ..... WET STORAGE AREA
- RVAAP-46 ..... BUILDINGS F-15 AND F-16
- RVAAP-48 ..... ANCHOR TEST AREA
- RVAAP-50 ..... ATLAS SCRAP YARD
- RVAAP-51 ..... DUMP ALONG PARIS-WINDHAM ROAD
- RVAAP-66 ..... FACILITY-WIDE GROUNDWATER
- RVAAP-67 ..... FACILITY-WIDE SEWERS

COMPLIANCE RESTORATION SITES (13 SITES)

- CC-RVAAP-68 ..... ELECTRIC SUBSTATIONS (E,W,No.3)
- CC-RVAAP-69 ..... BUILDING 1048 - FIRE STATION
- CC-RVAAP-70 ..... EAST CLASSIFICATION YARD
- CC-RVAAP-72 ..... FACILITY-WIDE USTS (45 SITES)
- CC-RVAAP-73 ..... FACILITY-WIDE COAL STORAGE
- CC-RVAAP-74 ..... BUILDING 1034 MOTOR POOL HYDRAULIC LIFT
- CC-RVAAP-75 ..... GEORGE ROAD SEWAGE TREATMENT PLANT
- CC-RVAAP-76 ..... DEPOT AREA
- CC-RVAAP-77 ..... BUILDING 1037 LAUNDRY WASTE WATER SUMP
- CC-RVAAP-78 ..... QUARRY POND SURFACE DUMP
- CC-RVAAP-79 ..... DLA ORE STORAGE SITES
- CC-RVAAP-80 ..... GROUP 2 PROPELLANT CAN TOPS
- CC-RVAAP-83 ..... FORMER BUILDINGS 1031 AND 1039

MMRP SITES (14 SITES)

- RVAAP-001-R-01 ..... RAMSDELL QUARRY LANDFILL MRS
- RVAAP-002-R-01 ..... ERIE BURNING GROUNDS MRS
- RVAAP-004-R-01 ..... OPEN DEMOLITION AREA #2 MRS
- RVAAP-008-R-01 ..... LOAD LINE 1 MRS
- RVAAP-016-R-01 ..... FUZE AND BOOSTER QUARRY MRS
- RVAAP-019-R-01 ..... LANDFILL NORTH OF WINKLEPECK MRS
- RVAAP-032-R-01 ..... 40MM FIRING RANGE MRS
- RVAAP-033-R-01 ..... FIRESTONE TEST FACILITY MRS
- RVAAP-034-R-01 ..... SAND CREEK DUMP MRS
- RVAAP-050-R-01 ..... ATLAS SCRAP YARD MRS
- RVAAP-060-R-01 ..... BLOCK D IGLOO MRS
- RVAAP-061-R-01 ..... BLOCK D IGLOO -TD MRS
- RVAAP-062-R-01 ..... WATER WORKS #4 DUMP MRS
- RVAAP-063-R-01 ..... GROUP 8 MRS

- ..... CERCLA
- ..... RCRA
- ..... MMRP SITES
- ..... COMPLIANCE RESTORATION SITES - APPROVED
- ..... DLA ORE STORAGE AREAS (7 SITES)
- ..... COAL STORAGE AREAS (17 SITES)
- ..... AOC UNDER A/E SERVICES CONTRACT

RAVENNA ARMY AMMUNITION PLANT
RAVENNA, OHIO

Figure 1-2
RVAAP
Facility Map

US Army Corps of Engineers
Louisville District

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Legend

- Stream
- Direction of Flow
- Sand Creek Disposal Road Landfill (1.5 Acres)
- Investigation Area (3.6 Acres)

0 75 150 Feet

Projection : NAD_1983_UTM_Zone_17N

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT

MILITARY MUNITIONS RESPONSE PROGRAM

FIGURE NUMBER 1-3

RVAAP-34
SAND CREEK DISPOSAL ROAD LANDFILL SITE MAP
RAVENNA ARMY AMMUNITION PLANT
RAVENNA, OHIO

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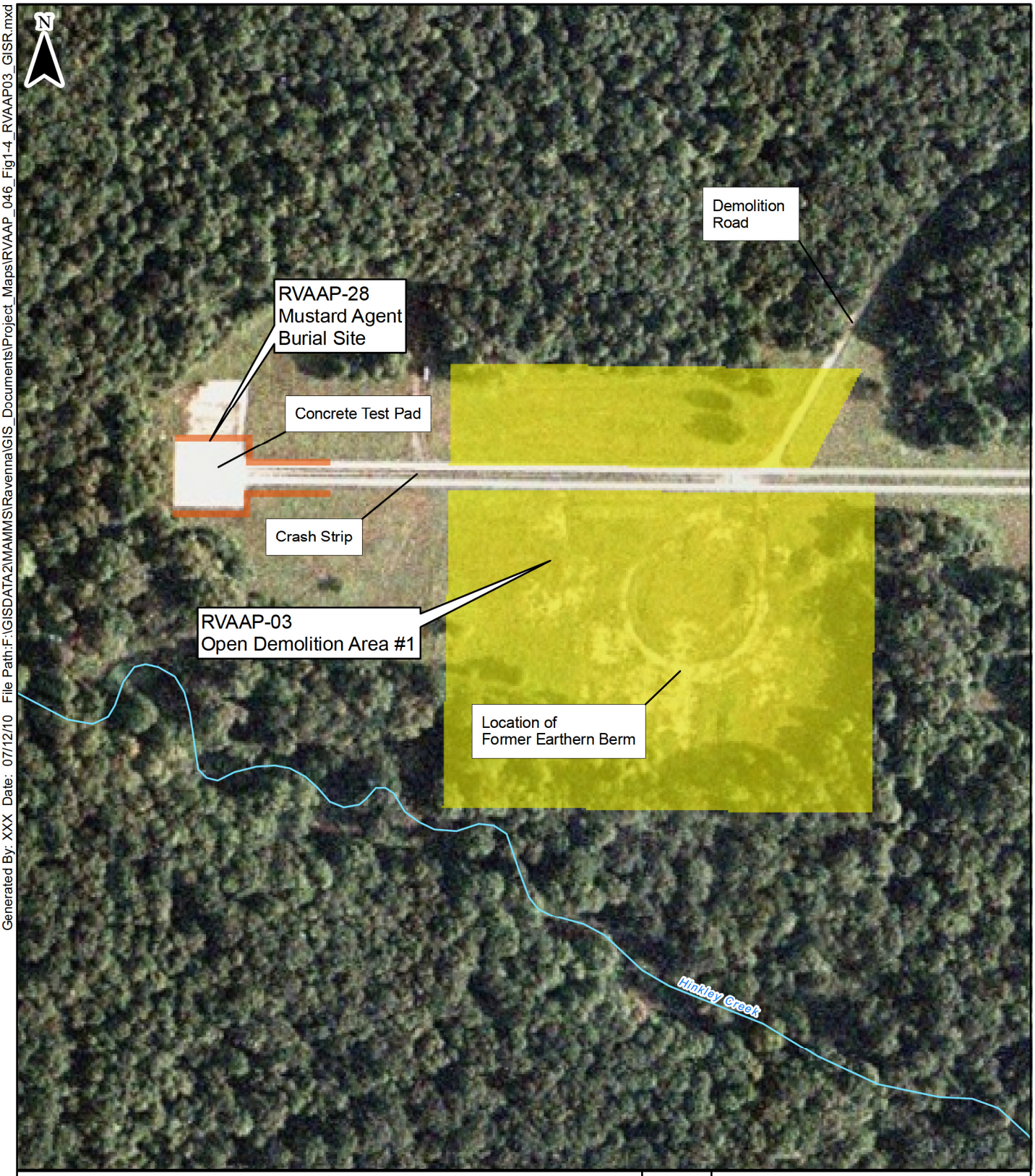
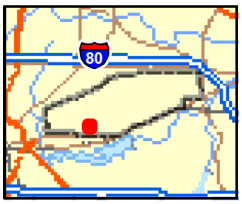


Legend

- Open Demolition Area #1 Investigation Area (8.6 Acres)
- Suspected Mustard Agent Burial Site Investigation Area (5,200 sqft)



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U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT

MILITARY MUNITIONS RESPONSE PROGRAM

FIGURE NUMBER 1-4

OPEN DEMOLITION AREA #1 AND MUSTARD AGENT BURIAL SITE MAP RAVENNA ARMY AMMUNITION PLANT RAVENNA, OHIO

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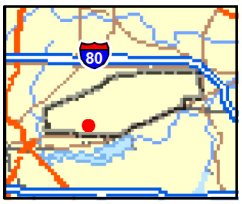
133616

Legend

Suspected Mustard Agent Burial Site Investigation Area (5,200 sqft)



0 40 80 Feet

Projection : NAD_1983_UTM_Zone_17N

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT

MILITARY MUNITIONS RESPONSE PROGRAM

FIGURE NUMBER 1-5

MUSTARD AGENT BURIAL SITE SITE MAP
RAVENNA ARMY AMMUNITION PLANT
RAVENNA, OHIO

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During preliminary site assessments conducted at the AOC in 1996 and 2001, the site was found to be very overgrown with mature trees and ground level vegetation. The entire site was littered with C&D materials with large piles of debris concentrated mostly in the southern portion of the site (MKM, 2004). Some of the types of C&D materials identified during the preliminary site assessment included the following:

- Asbestos Containing Material (ACM) (i.e., large piles of corrugated transite roofing and flat transite siding)
- Rubble (i.e., concrete, brick, and masonry fragments)
- Drywall and plaster
- Glass bottles, fluorescent light tubes, and broken glass
- Scrap metal items including wire fencing
- Wood debris

Recent walkovers at the site have revealed that the corrugated iron culvert beneath the former railroad bed that bisects the site and crossed over Sand Creek has collapsed. The culvert and associated railroad ballast are now lying in Sand Creek adjacent to the site. A removal action (RA) at the Sand Creek Disposal Road Landfill was conducted by MKM Engineers, Inc. (MKM) between August and September 2003 and included the removal of the majority of the surface C&D materials.

During confirmation sampling following the RA, munitions debris (MD) in the form of two 75 millimeter (mm) projectile shells was discovered at the northern portion of the site. Multiple subsurface anomalies were recorded as part of the meandering path magnetometer and metal detector assisted UXO survey that was conducted for all open areas at the site as part of a Site Inspection in 2007 under the Military Munitions Response Program (MMRP); however, a definitive determination of the nature of the anomalies could not be made. Although no MEC was identified at the site during the SI UXO survey, one empty 105mm projectile MD was found in the Sand Creek downstream of the former dump area (e^2M, 2008).

1.3.2 RVAAP-03 Open Demolition Area #1

The ODA1 AOC is approximately 6 acres and was formerly used during the 1940s primarily for the open burning and open detonation (OB/OD) of munitions, explosives, and associated materials. ODA1 is located within the National Advisory Committee for Aeronautics (NACA) Test Area (NTA) (RVAAP-38). The OB/OD area within ODA1 was surrounded by an oval shaped earthen berm and is located adjacent to areas where aircraft used at NTA were staged. Recent visual inspections of the site indicate that OB/OD activities associated with the ODA1 may have also been conducted in small areas within the NTA plane storage area adjacent to ODA1. Burning areas at ODA1 may have been cleared by pushing debris and scrap to the

periphery of ODA1 using heavy equipment. ODA1 is currently covered with grass and the berms around the OB/OD area essentially removed. ODA1 has been unused since the cessation of OB/OD activities, although dismounted troop training by the OHARNG has been ongoing at the surrounding NTA site since 1969. Seibert stakes have been installed to define the current boundary of the ODA1 site (SAIC, 2001).

Topography across the ODA1 AOC is relatively flat with little change in elevation. The AOC is slightly elevated as compared to its immediate surroundings and surface drainage is to the east, west, and south. Drainage from within the bermed OB/OD area is south via a culvert towards a shallow ditch that ultimately discharges at ground surface within the Hinkley Creek drainage area (SAIC, 2001). Site features are depicted in **Figure 1-4**.

1.3.3 RVAAP-28 Mustard Agent Burial Site

The MABS AOC is a location where Chemical Agent Identification Sets (CAIS), believed to consist of sulfur mustard agent, are suspected to potentially have been buried. The mustard agent CAIS were developed by the Department of the Army from the 1930s through the 1960s. The mustard agent contained in the CAIS was reportedly buried at RVAAP in the 1950s. The depth at which the CAIS may have been buried is not known. Of the various types of CAIS glass containers that have been identified as potentially containing mustard agent, all are believed to have been packed in metal – either metal paint/coffee type cans, 55-gallon drums, or steel shipping cylinders called PIGs (EQM, 2008).

In 1969, the U.S. Army excavated a possible mustard agent burial site west of the NTA. One 50-gallon drum and seven small rusted cans were discovered. All recovered items were empty and no contamination was discovered according to reports (EQM, 2008). An unidentified and undocumented source reported that the first site excavated was incorrectly identified, and that the mustard agent was buried nearby. The second proposed site for the mustard agent burial is located in the wooded area approximately 500 ft south of Hinckley Creek along an abandoned power line right of way. The suspected site was marked and fenced; however, only remnants of the fence still exist. The area is currently marked with Seibert stakes. A third area was identified by a former employee to be adjacent to the concrete pad at the west end of the NACA crash strip. This location is near the 1969 excavation area and is non-forested and flat (EQM, 2008). Site features of the current investigation area are depicted in **Figures 1-4** and **1-5**.

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2.0 Geophysical Survey Equipment

This section presents the selected geophysical survey equipment for the DGM activities at the MABS, ODA1, and Sand Creek Site AOCs based on the results of the GPO. The Geonics EM61-MK2A, a time domain electromagnetic induction metal detector (EM61-MK2) survey system integrated with the Trimble real-time kinematic (RTK) global positioning system (GPS), was identified as the recommended instrument in open areas (ODA1, MABS and level areas at the top of slope at the Sand Creek Site). For areas that contain trees or tree canopy (wooded tree line at ODA1 and portions of the Sand Creek Site) that may interfere with GPS equipment, the EM61-MK2 survey system was integrated with the Leica TPS1203 (Leica) robotic total station (RTS) system. For the areas at the Sand Creek Site where areas of steep and rugged terrain exist, the Geometrics G-858G cesium vapor magnetometer instrument (G-858G) magnetometer was proposed, as the steep terrain limited the safe deployment of the EM61-MK2 system. However, the EM61-MK2 system integrated with the RTS was also implemented as conditions allowed. All DGM systems were deployed by experienced Shaw personnel with the skills, capabilities, and expertise with munitions response projects with similar data quality objectives.

2.1 High-Sensitivity Metal Detector

The EM61-MK2 is a 4-channel high-sensitivity instrument designed to detect shallow ferrous and non-ferrous metallic objects with good spatial resolution and minimal interference from adjacent metallic features. The EM61-MK2 consists of two 1-meter (m) by 0.5-m rectangular coils arranged such that the source/receiver coil is located 40 centimeters (cm) below a second receiver coil. An electromagnetic pulse induces subsurface eddy currents with associated secondary magnetic fields. The decay of the secondary magnetic fields induced in subsurface materials is measured by the receiver coil(s) and digitally recorded. The EM61-MK2 is capable of measuring three time gates from the bottom coil and one time gate from the upper coil, or four time gates (channels) from the bottom coil only. For this project, four time gates were recorded by the lower coil using Geonics NAV61 software residing on the Juniper Allegro CX data logger.

The EM61-MK2 is capable of detecting all metals and is generally not affected by magnetic geology or soils. The EM61-MK2 may detect buried metal beyond four (4) feet below ground surface (ft bgs) depending on the size of the item and the contrast between the native soils/geology and the item. Additionally, the EM61-MK2 response is focused directly beneath the coils so the response from nearby metal structures (e.g., monitoring wells, fences, etc.) is minimal compared to other sensors such as a total field magnetometer.

2.2 Cesium Vapor Magnetometer

The G-858G detects ferrous metals (i.e., metal that can be magnetized by the earth's geomagnetic field). The instrument utilizes optical pumping technology that is sensitive to changes in the magnetic field of approximately 0.01 nanoteslas (nT). For this survey, two G-858 magnetic sensors were configured as a horizontal gradiometer and system electronics measured the data from each sensor and stored the data in the equipment console.

The ability of the G-858G to detect ferrous items is dependent upon the size of the item, distance and orientation with respect to the magnetic sensors, presence of nearby ferrous items and anthropogenic features, and the natural magnetism of the geology and soils in the area. In general, an intact 55-gallon drum may be detected at distances approaching 10 ft bgs with the magnetic method.

2.3 Positioning Systems

The positioning systems used for the project provided coordinates for the geophysical measurements and were also utilized to identify natural and man-made features at the site so that these features can be accounted for during data analysis and interpretation. Position data are presented in Universal Transverse Mercator (UTM) coordinates, Zone 17 North.

2.3.1 Real Time Kinematic Global Positioning System

Shaw used a RTK GPS with Global Navigation Satellite System (GNSS) capability for data collection at the three AOCs: Sand Creek Site, ODA1, and MABS. The RTK GPS utilizes a base station that is set up on a known position. Once the base station is set up, it determines its location using satellites and then applies a correction based on the offset from the known coordinates at the location. This correction is then used by a rover GPS that is in direct communication with the base station through a radio link. The rover is usually deployed within a few miles of the base station and optimally should have line of sight. If line of sight is not possible due to terrain, a radio "repeater" is placed in between the base station and the location of the survey in order to broadcast the radio signal. The RTK GPS is capable of recording survey-grade measurements in real time and providing a lateral accuracy of approximately 2 inches (in).

2.3.2 Robotic Total Station System

Shaw used a Leica RTS system for the data collection at the Sand Creek Site on the slopes and within wooded and vegetated areas that were accessible. The RTS uses a motorized total station with automatic target recognition to track the location of a prism. The Leica RTS has an accurate distance/azimuth measurement system to produce ±5 millimeters (mm) +2 parts-per-million (ppm) accuracy for both lateral and vertical coordinates. The RTS tracks the roving prism and outputs a pseudo-National Marine Electronics Association (NMEA) coordinate stream at user-selectable rates up to 10 Hertz (Hz) via serial output on a rover radio unit. Prism tracking

parameters may be optimized for rapid recovery of lock if line-of-sight is interrupted by trees or other obstacles during a survey. The pseudo-NMEA data string is connected via serial link directly into the geophysical instrument's data logger, just as GPS output would be.

2.3.3 Fiducial Positioning Method

In areas of dense vegetation at the southern portions of ODA1 and some areas at the Sand Creek Site, the fiducial method of positioning was necessary. The coordinates of the endpoints of some survey lines were determined with the RTS or GPS and the field crew walked at a constant pace between the endpoints of each line. During processing the data were adjusted to fit the end-of-line positions.

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3.0 Data Acquisition

This section provides a summary of the field activities performed and data generated for the DGM at the three AOCs between April and June 2010. Photographs documenting the activities performed during the DGM surveys are included in **Appendix A**.

3.1 Summary of DGM Activities

The geophysical field crew mobilized to the RVAAP on April 25, 2010 to perform the geophysical surveys at the three AOCs. For MEC avoidance purposes, a Unexploded Ordnance (UXO) Technician performed initial ground surface clearance with a Schondstedt Model GA-52Cx magnetometer at the three AOCs prior to the DGM surveys being performed. No MEC or associated MD was identified by the UXO Technician during the ground surface clearance.

Geophysical data were acquired at the three AOCs from April 26 through May 7, 2010 and June 2 through June 4, 2010. EM61-MK2 data were collected within the "open" areas of ODA1 from April 28 through May 2, 2010 and the transect data within the wooded areas along the southern boundary were collected on May 5, 2010. EM61-MK2 data were collected within MABS on May 1, 2010. After review of these data a decision was made to collect additional data further south of the original DGM survey area at MABS. The additional data was collected on May 5, 2010.

EM61-MK2 data were collected east of the steep embankment in the open area at the Sand Creek Site on May 6, 2010. G-858G magnetometer data were collected at the Sand Creek Site south and north of the access road near the stream in areas that were flat and accessible on May 6 through May 7, 2010. EM61-MK2 data were collected from June 2 through June 4, 2010 south and north of the access road adjacent to the stream and along the steep slopes of the embankment in the central portion of the Sand Creek Site. During this effort, data were acquired in accessible areas void of thick vegetation and naturally occurring tree components and where the embankments and other localized slopes were navigable by the field crew.

DGM survey data were acquired along lines that were approximately parallel and spaced at 2.5 to 3-foot intervals within the "open" areas void of larger vegetation and obstacles at each AOC. Over many portions of the Sand Creek Site, abundant vegetation, deadfall, steep slopes in excess of 40 degrees, and other obstacles prevented geophysical data from being collected at 2.5 to 3-foot line spacing. The data collected at the Sand Creek Site was able to determine that a broader limit of metallic waste materials is present at the AOC as well as define more localized regions within and outside the AOC footprint that contain relatively higher metal content.

One dimensional (1D) transects were acquired in the densely wooded areas at ODA1 at a spacing of 25 to 75 feet in an effort to identify the lateral boundaries of any large-scale disposal activities south of the main ODA1 AOC. The locations for transects were planned during the field program by reviewing the geophysical results of the data collected in the "open" areas. Transects were positioned in the field by using a compass bearing and line of site, and brush and other vegetation that interfered with the data collection effort was cleared by hand during placement of the transects.

Along each data acquisition line, positioning system data were recorded at a minimum rate of 1 Hz and the EM61-MK2 and G-858G measurements were recorded at a minimum rate of 10 Hz, which translates into a measurement sample density along the ground surface of approximately 0.5 feet. The EM61-MK2 and position data were digitally recorded using Geonics software on a Juniper Allegro CX data logger. Magnetometer and position data were digitally recorded by the G-858G electronics console.

Navigation was performed using a system of non-metallic measuring tapes and traffic cones (or vinyl stem pin flags) spaced at regular intervals that were utilized as "waypoints" during data acquisition activities to ensure appropriate line spacing was maintained.

The Trimble RTK GPS was used to augment geophysical data and improve geophysical mapping through capture of visual observations made during site walk-over. During this process, the GPS was used to record the positions of cultural features (e.g., sign posts, monitor wells, etc.) so that these features can be accounted for during the interpretation of the geophysical data.

A second stationary G-858 instrument was used to record and monitor the diurnal changes of the earth's natural magnetic field over the course of the magnetometer surveys. The magnetic data recorded by the base station were used to correct for the diurnal changes of the earth's field.

3.2 Equipment Function Verification Testing

At the beginning and end of each day, instrument functional checks were performed to ensure the performance metrics designated in the *GIP* (Shaw, 2009) were achieved. DGM data were uploaded to a field computer at the end of each day and transferred to the Shaw corporate server. Quality control procedures, including additional details regarding instrument functional verification tests performed for the DGM activities, are discussed further in **Section 5.0**. The geophysical data files generated during the DGM activities include DGM field data and QC test data files that are included in **Appendix B** to this report, and are discussed in subsequent sections.

4.0 Geophysical Data Processing

This section presents the data processing procedures and interpretation of results based on the geophysical information collected during the DGM activities. Geosoft's Oasis Montaj (Oasis) was the primary software used to complete data processing tasks. All data grids and target detections have been uploaded into the GIS and are presented in **Figures 4-1** through **4-3**.

At the end of each field day the field geophysicist uploaded the DGM data to the on-site computer, where the data was archived, backed-up, and processed and analyzed. The data was transferred to the Shaw Processing Center in Denver, Colorado, on a daily basis for review by the Project Geophysicist. The DGM survey data are included in **Appendix B**.

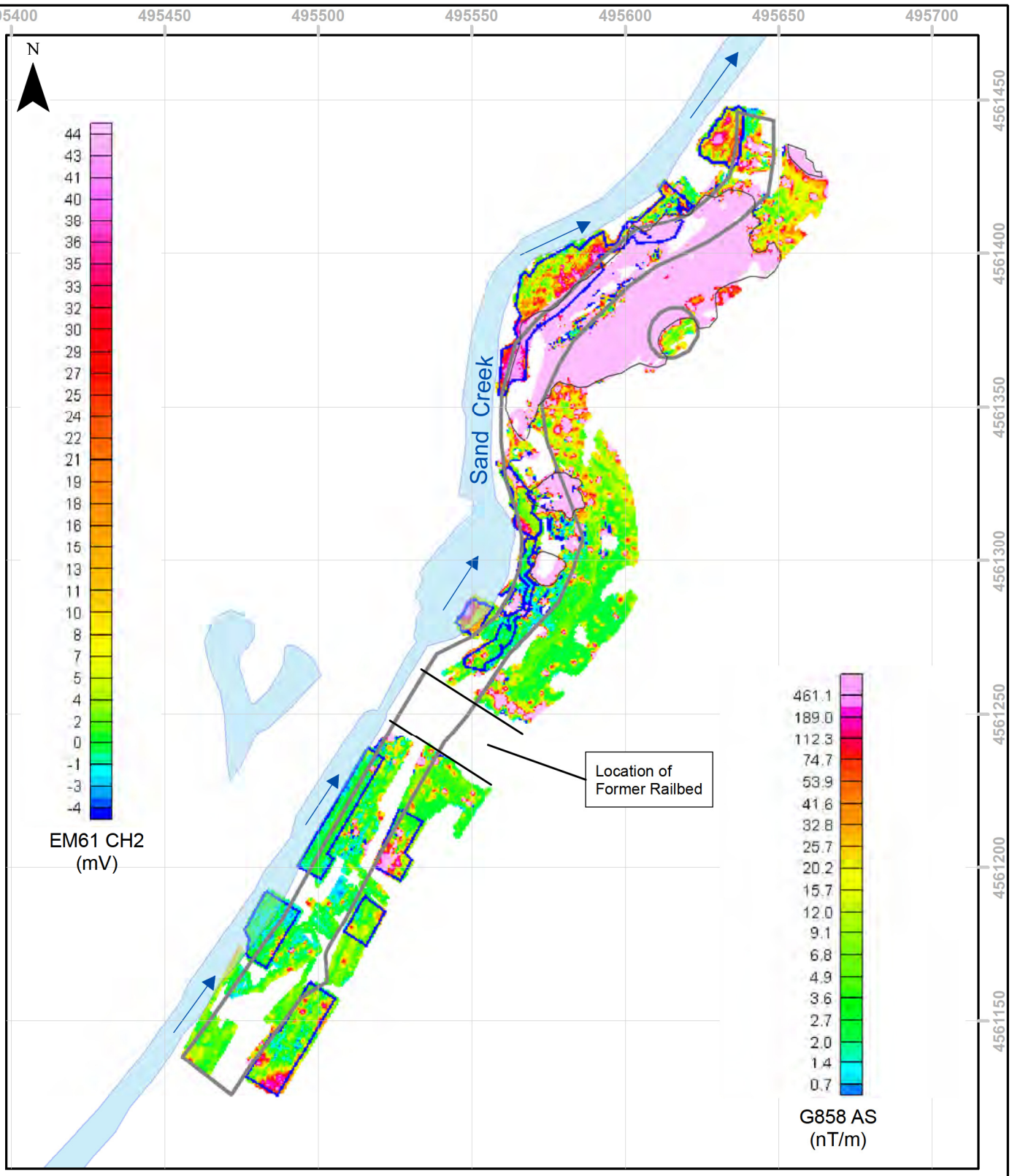
The data processing sequence included verifying the validity of the data using the performance metrics, assessment of the track path and spatial sample density, latency correction, data leveling, and color-coded image generation utilizing software from the equipment manufacturers and Geosoft Oasis Montaj. Subsequent to the processing and review of the data, color-coded images of the geophysical sensor data were created for review and planning of the next day's field activities.

Shaw utilized the following software to process the data:

- Geonics DAT61MK2 and NAV61MK2 for initial review of the EM61-MK2 data and output of the data in American Standard Code for Information Interchange (ASCII) format
- Geometrics MagMap 2000 for initial review of the G-858G data and output of the data in ASCII format
- Oasis for latency correction; data leveling; interpolation and generation of color-coded images; and statistical analysis of the data in terms of the performance metrics such as spatial sample density, static background, and repeat tests

Oasis was the primary software utilized for most data processing tasks. The Oasis processing log file (*process.log*) was recorded by the software and serves as the digital documentation of the processing sequence and parameters for each data acquisition session.

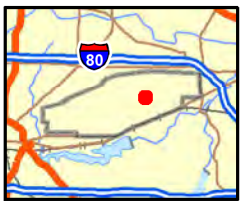
EM61-MK2 data for the Sand Creek, ODA1, and MABS AOCs are presented in **Figures 4-1** through **4-3**, respectively. At the Sand Creek Site, the G-858G data are exhibited on the same image as the EM61-MK2 data and designated with blue polygons on **Figure 4-1a and Figure 4-1b**. During the analysis of the data, the track path for each geophysical survey and the site features were superimposed on the color-coded images in order to permit a more comprehensive evaluation of the geophysical data.



Legend

- Sand Creek Disposal Road Landfill Area of Concern Boundary
- Area that Displays G858 Magnetometer Data
- Sand Creek
- Direction of Flow

NOTE: Outlined areas indicate larger contniguous area of increased anomaly density.



0 75 150 Feet

Projection : NAD_1983_UTM_Zone_17N

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MILITARY MUNITIONS RESPONSE PROGRAM

FIGURE NUMBER 4-1a

SAND CREEK DISPOSAL ROAD LANDFILL GEOPHYSICAL INVESTIGATION BOUNDARY SENSITIVE COLOR SCALE RAVENNA ARMY AMMUNITION PLANT RAVENNA, OHIO

Shaw Environmental & Infrastructure, Inc.

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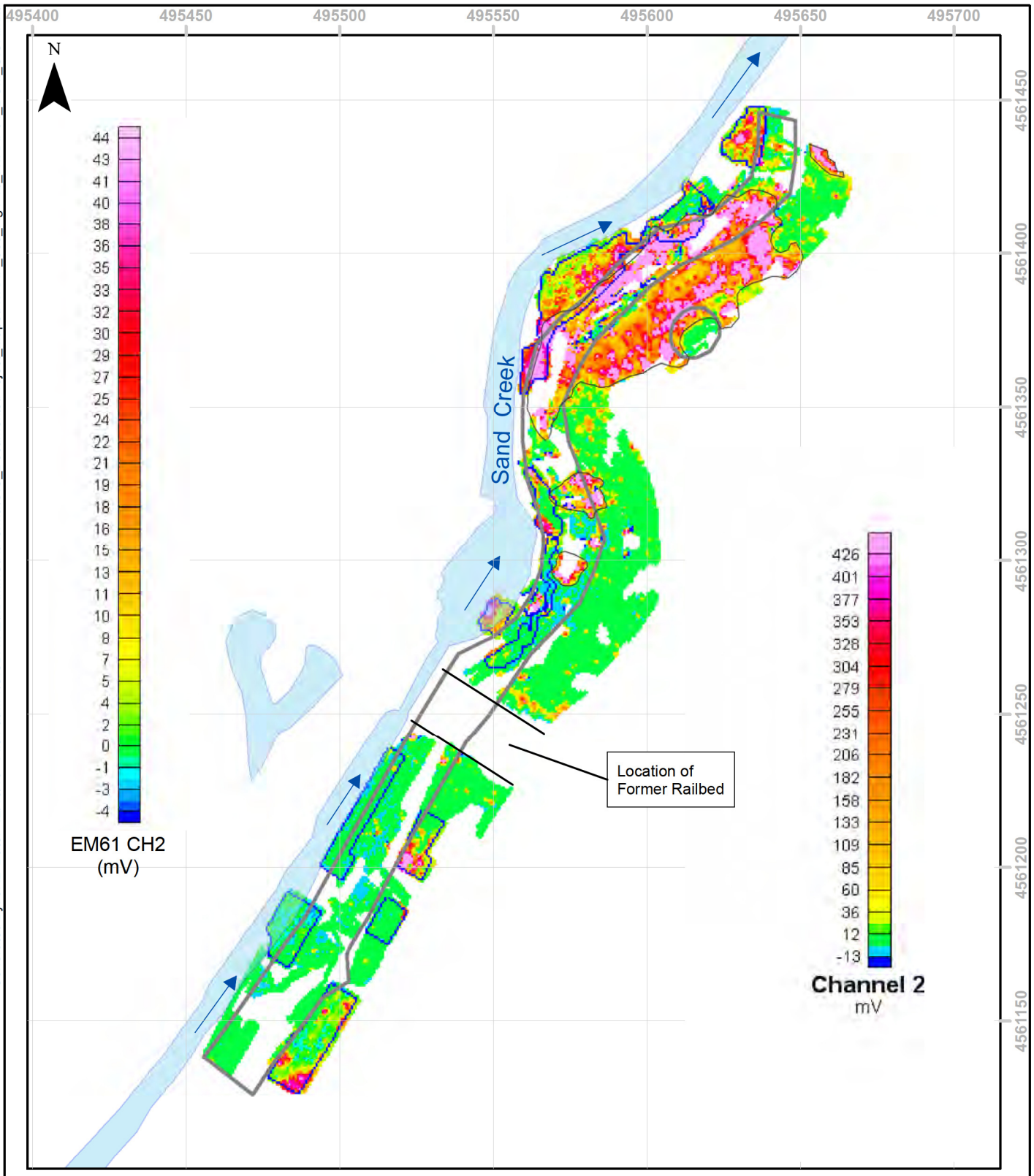
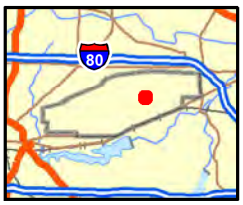


Legend

- Sand Creek Disposal Road Landfill Area of Concern Boundary
- Area that Displays G858 Magnetometer Data
- Sand Creek
- Direction of Flow

NOTE: Outlined areas indicate larger contniguous area of increased anomaly density.



0 75 150 Feet

Projection : NAD_1983_UTM_Zone_17N

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MILITARY MUNITIONS RESPONSE PROGRAM

FIGURE NUMBER 4-1b

SAND CREEK DISPOSAL ROAD LANDFILL GEOPHYSICAL INVESTIGATION BOUNDARY COARSE COLOR SCALE RAVENNA ARMY AMMUNITION PLANT RAVENNA, OHIO

Shaw Environmental & Infrastructure, Inc.

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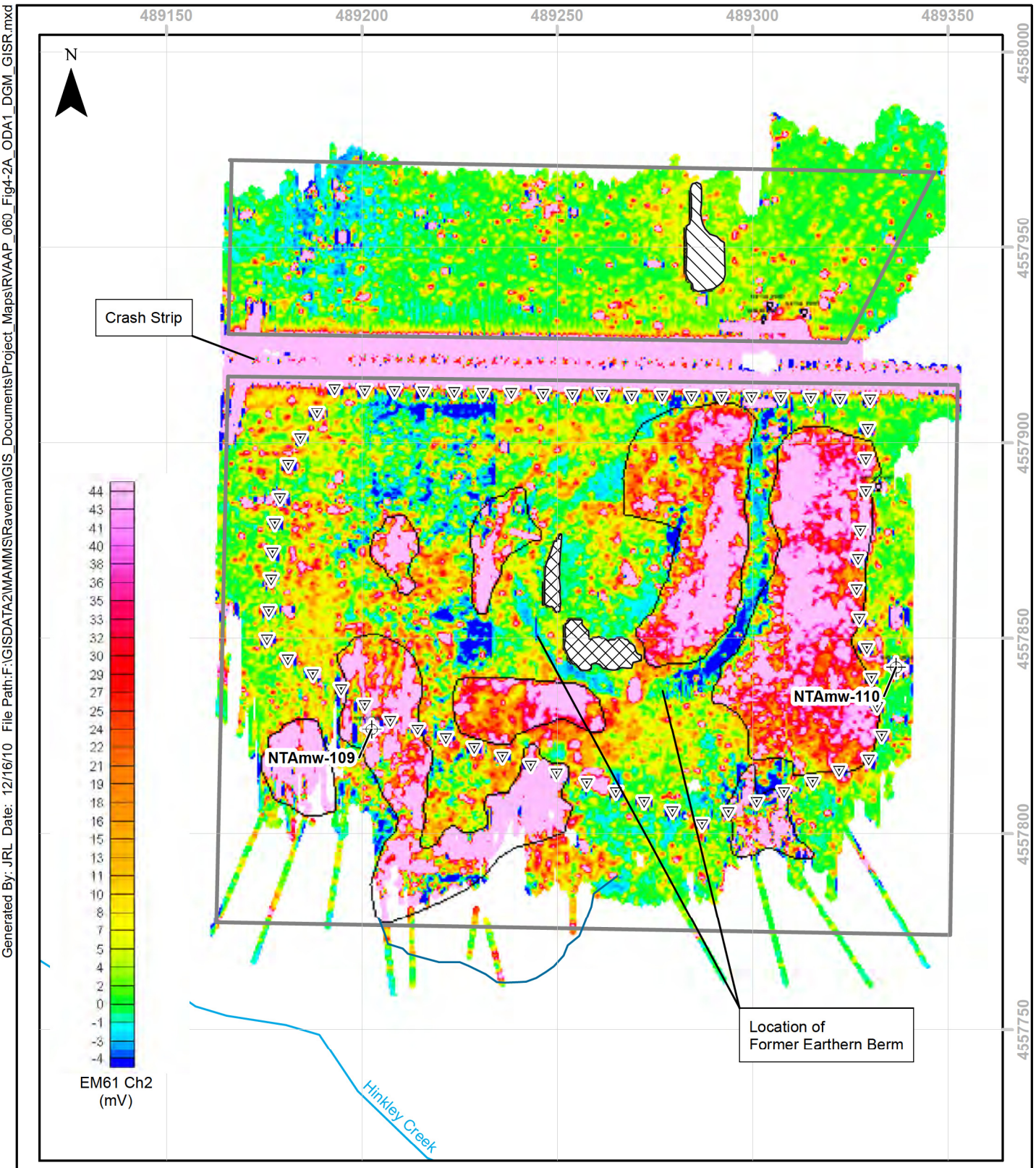

Legend

- Seibert Stakes
- Monitoring Wells
- ODA #1 Area of Concern Boundary
- Debris Area (Fallen Trees and Brush)
- Ponded Water

NOTE: Outlined areas indicate larger continguous area of increased anomaly density.

0 60 120 Feet

Projection : NAD_1983_UTM_Zone_17N

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MILITARY MUNITIONS RESPONSE PROGRAM

FIGURE NUMBER 4-2a

OPEN DEMOLITION AREA #1
GEOPHYSICAL INVESTIGATION BOUNDARY
SENSITIVE COLOR SCALE
RAVENNA ARMY AMMUNITION PLANT
RAVENNA, OHIO

Shaw Environmental & Infrastructure, Inc.

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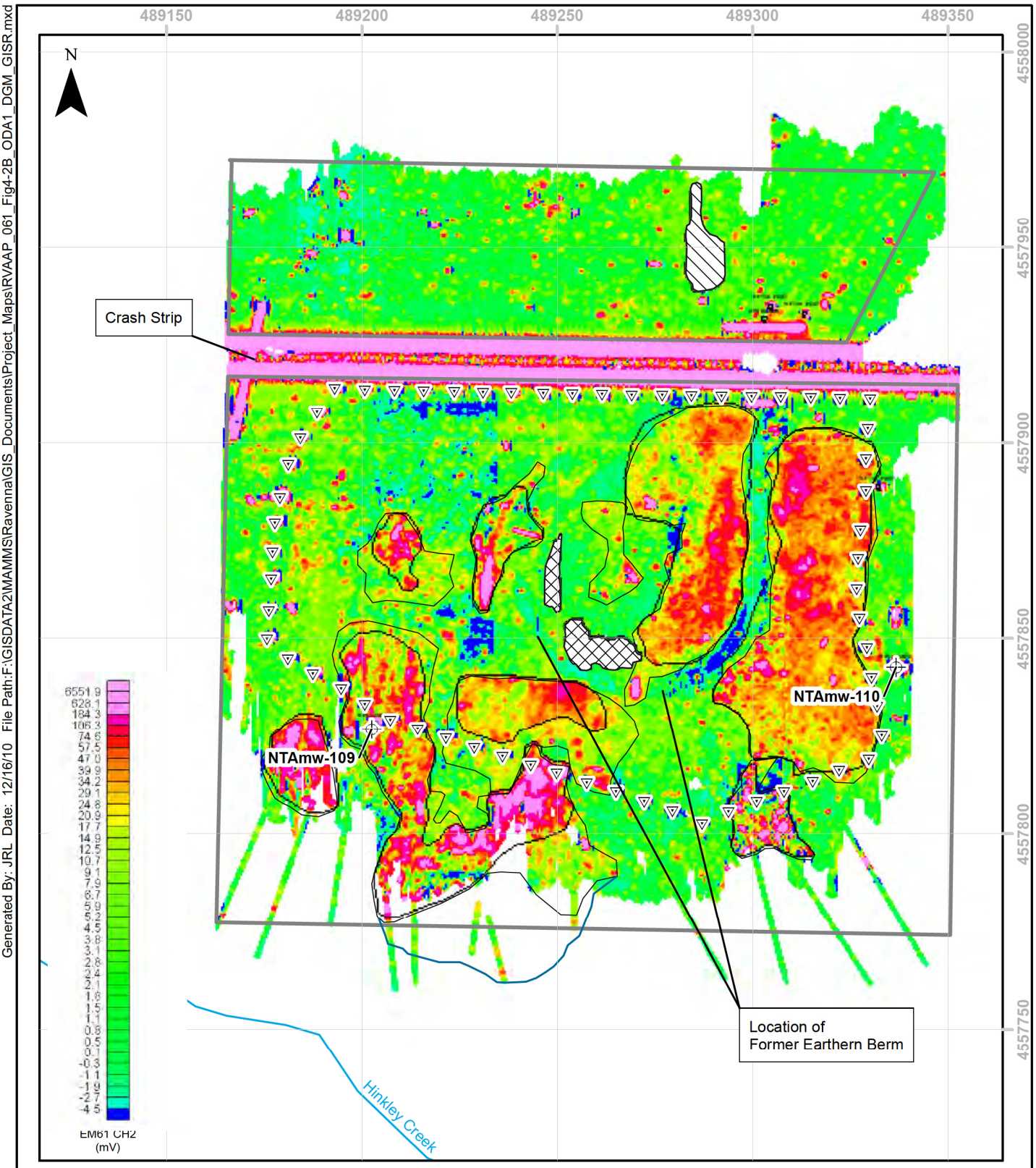
133616



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Legend

- Seibert Stakes
- Monitoring Wells
- ODA #1 Area of Concern Boundary
- Debris Area (Fallen Trees and Brush)
- Ponded Water

NOTE: Outlined areas indicate larger contiguous area of increased anomaly density.

0 60 120 Feet

Projection : NAD_1983_UTM_Zone_17N

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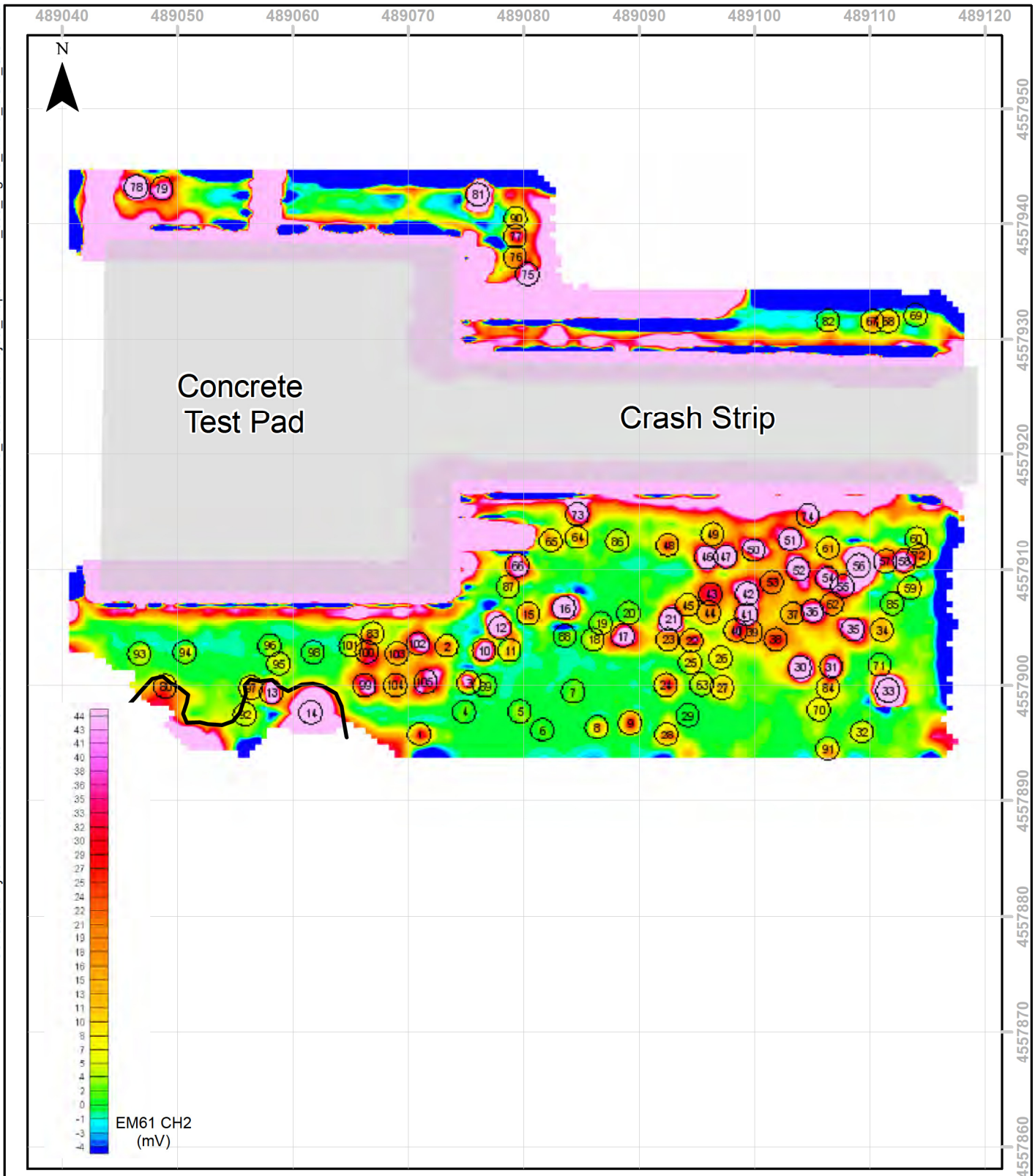
MILITARY MUNITIONS RESPONSE PROGRAM

FIGURE NUMBER 4-2b

OPEN DEMOLITION AREA #1
GEOPHYSICAL INVESTIGATION BOUNDARY
COARSE COLOR SCALE
RAVENNA ARMY AMMUNITION PLANT
RAVENNA, OHIO

Shaw Environmental & Infrastructure, Inc.

133616



Legend

Larger Contiguous Area of Increased Anomaly Density

Concrete Pad

(45) Anomaly Location and ID

0 20 40 Feet

Projection : NAD_1983_UTM_Zone_17N

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MILITARY MUNITIONS RESPONSE PROGRAM

FIGURE NUMBER 4-3

MUSTARD AGENT BURIAL SITE
EM61-MK2 GEOPHYSICAL RESULT MAP
RAVENNA ARMY AMMUNITION PLANT
RAVENNA, OHIO

Shaw Environmental & Infrastructure, Inc.

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In order to achieve the project objective of determining the horizontal extent of potential MEC and other suspected buried anomalies, the data interpreter selected areas with increased higher anomaly density and bounded these areas with the black polygons as exhibited on **Figures 4-1a** and **Figure 4-1b** for the Sand Creek Site and **Figure 4-2a** and **Figure 4-2b** for the ODA1 AOC.

The color intensity scale used for both the Sand Creek Site and ODA1 is very sensitive and was selected to be able to clearly exhibit both small and large individual MEC items at shallow and deep depths and allow direct comparison of the AOCs in terms of the geophysical data. When using a sensitive color scale within a landfill environment such as the Sand Creek Site, the primary objective is to delineate the area(s) of large-scale burial. However, due to the sensitive color-scale used, some anomalies outside of the main burial area seem significant based on their color as seen in **Figure 4-1a**. **Figure 4-1b** provides a less sensitive color scale for the Sand Creek Site which denotes the larger items of the main burial cell and minimizes the less significant features. **Figure 4-2a** portrays ODA1 with a sensitive color scale that highlights all anomalies above a signal threshold of approximately 5 milliVolts (mV), and **Figure 4-2b** exhibits the most significant regions of elevated anomaly density at ODA1 using a less sensitive color scale.

An automatic anomaly selection tool (*gridpeak.gx*) was also used to provide a general estimate of the number of "MEC-like" anomalies present for the ODA1 and MABS AOCs. The automatic anomaly selection tool was not used for the data collected at the Sand Creek Site due to the use of the site as a landfill and the presence of a very high anomaly density that makes it difficult to discern between MEC and non-MEC-like items.

The automatic target selector was based on the Channel 2 data (366 microsecond time gate) using a threshold of 5 mV. Channel 2 was chosen over other channels (i.e., Channel 1) since it is often best suited for analysis as it contains a high signal to noise ratio and is more stable (i.e. less drift) than the Channel 1 data. The anomaly selection criteria and target picking protocol used were based on the results and recommendations presented in the *GPO Report* (Shaw, 2010b). The 5 mV response was selected based on the minimum signal response from a 75mm projectile buried at a depth of 2.5 ft bgs at a horizontal orientation (GPO item #11). Other MEC items of interest at the ODA1 and MABS AOCs (e.g., 90mm and 155mm projectiles, PIGs) are larger than a 75mm projectile and when buried above their 11-times depths will provide a higher signal response. Responses for cultural features such as utilities, monitoring wells, and the Siebert stakes at ODA1 were removed from the target lists. There are 4,154 anomalies at the ODA1 and 97 anomalies at the MABS that exceed the 5 mV threshold. A summary of the identified anomalies at ODA1 and MABS is provided in **Appendix C**.

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5.0 Quality Control

This section presents a summary of the quality control testing and procedures performed throughout the duration of DGM activities. In addition, the DQO performance metrics that were evaluated as part of the data processing procedures are presented in this section.

5.1 Daily Instrument Tests

Quality control procedures during the field survey were performed in accordance with the *GIP* (Shaw, 2009) and *GPO Report* (Shaw, 2010b). Each day, the required quality control tests were performed and documented in order to ensure the data collected was of sufficient quantity and quality to meet the project objectives. A summary of the quality control tests are provided in **Appendix D**.

Form D-1 in **Appendix D** contains information for the daily static, static spike, and cable shake tests. Form D-2 in **Appendix D** contains information for the daily two line repeat test, known location check, and spatial sampling statistics (speed and along track and across track coverage). Metrics for these tests are based on the following USACE guidelines presented in **Table 5-1**.

Table 5-1
QC Frequency and Acceptance Criteria

Test	Acceptance Criteria	Frequency of Testing			
		Start of Day	Start & End of Day	First Day of Project Only	Equipment Change
Equipment Warm-up	Equipment Specific - typically 5 minutes	X			
Record Sensor Position	+/- 1 inch			X	X
Personnel Test	EM: 2 mV pole to pole (p-p) Mag: 1 nT p-p	X			X
Vibration Test (Cable Shake)	Data spiking not evident in profile		X		X
Static Background Test	EM: 2.5 mV p-p Mag: 1 nT p-p		X		X
Static Spike Test	+/- 10% of standard response after background correction on all channels		X		X
2 Line Repeat Data	Repeatability of response amplitude +/- 20%, Positional accuracy +/- 2 feet		X		

Static, cable shake, and personnel tests achieved the performance metrics presented in the *GIP* (Shaw, 2009) throughout the duration of the project. The results for the static response and two line repeat tests are discussed in the following sections.

For the second mobilization to the Sand Creek Site in June 2010, a man-portable tethered carry acquisition platform was used to collect the data instead of the wheeled cart used for the original survey. The use of a different data acquisition platform was justified based on the rugged topography and numerous obstacles present at the Sand Creek Site. In addition to the use of a different data acquisition platform, a different metal object was used for the static response and two line repeat tests during the June 2010 data acquisition effort. The object was placed on the ground surface during testing as opposed to being mounted directly on the lower coil as could be done with the wheeled platform. A photograph of the man-portable platform is presented in **Appendix A**.

On June 3 and 4, 2010, some of the instrument functional tests were performed in the north portions of the Sand Creek Site away from the main calibration area due to line of sight restrictions of the RTS at the northern portion of the AOC. The northern portion of the site is characterized by a high anomaly density with few "clean" areas, and prior to and during data collection activities the "nulling" of the coils was challenging (e.g, June 4, 2010 AM static response test). It should be noted, that the collected data are balanced during processing and the inability of the data to be nulled in real time is not a critical factor and did not compromise data collected. On June 3, 2010, the PM two-line repeat test was not performed due to a procedural error in the field. In order to further substantiate the repeatability and sensitivity of the EM61-MK2 sensor at the Sand Creek Site for the June 3, 2010 afternoon datasets as well as the June 4th acquisition sessions, the field data were compared to coincident data from the prior mobilization.

The data supplied in the **Appendix D** on Forms D-1 and D-2 reflect the different data acquisition platform, test object, test protocol, and location of some of the functional tests on June 3 and 4, 2010. While the absolute values may differ for some of the static response and two line repeat tests, the data are repeatable when assessing each individual test session.

5.2 Geophysical Data Quality Objectives

The performance metrics discussed in this section demonstrate that the data collected meet the intent of the DQOs specified in the *GIP* (Shaw, 2009) As part of the data processing and interpretation sequence the data interpreter reviewed the following data characteristics: (1) static and dynamic measurements in background areas of the site, (2) mean speed, (3) along-track spacing, (4) across-track spacing, (5) latency correction, and (6) position checks. The performance metric requirements for the project are the following:

- **Mean Speed**: 95 percent < 3 miles per hour

- **Along Track Sampling**: < 0.6 foot with cumulative gaps less than 5 percent of the line distance

- **Across Track Sampling**: < 3 feet, excluding data gaps due to trees or other obstacles that preclude the survey platform from providing complete coverage. This metric is intended to control data gaps associated with inconsistent track plots that are not associated with trees or other obstructions. For the purposes of this project, minor occurrences (i.e. measurements where the data quality is good and meet the survey objectives although ideal line spacing was not achieved during the survey) will not be accepted if they exceed 2.5 feet. Greater than 90 percent coverage will be at the 3-foot line spacing or less.
- **Latency Correction:** No visible chevron effects in the data or pseudo-color plots. The use of appropriate color scaling will be maintained throughout the project.
- **Data Leveling**: Consistent parameters and processing methods will be used for all channels within each dataset. Consistent processing routines will be used for all datasets throughout the project.
- **Anomaly Selection**: The anomaly selections will be accepted by the Project Geophysicist or their designated assistants. These individuals will verify that anomaly selections for a given dataset are reasonable and should identify MEC or MEC-like items to the extent possible. Protocols will be tested and evaluated using historical knowledge and GPO results.

The overall quality of the data from the ODA1 and MAB sites is sufficient to detect MEC-like anomalies that are represented at the GPO area. The data from the Sand Creek Site was able to determine the broader limits of metallic waste materials, as well as define more localized regions within and outside the AOC footprint that contained a relatively higher density of metallic anomalies. However, a determination of MEC-like anomalies was not possible due to the extent of the density of the anomalies.

The mean speed and along track spacing metrics were consistently achieved during project execution. The across track metric was achieved at ODA1 and MABS. At the Sand Creek Site, irregular and steep terrain, standing vegetation, and deadfall prevented a consistent 3-foot lane spacing from the creek to the top of the slope. Data were acquired in accessible areas void of thick vegetation and deadfall and where the embankments and other localized slopes were navigable by the field crew. On the flat portion of the Sand Creek Site, data were collected at 3-foot lane spacing. The mean speed, along track sampling, and across track sampling results for the three AOCs are presented in **Table 5-2**.

Table 5-2
Mean Speed, Along Track Sampling, and Across Track Sampling Results

AOC Name	Mean Speed	Along Track Sampling	Across Track Sampling
Sand Creek Site	99.3 % < 3 mph	99.9 % < 0.6 ft	96.8 % < 3 ft (flat portion)
ODA1	98.8 % < 3 mph	99.5 % < 0.6 ft	97.0 % < 3 ft
MABS	98.1 % < 3 mph	99.9 % < 0.6 ft	98.9 % < 3 ft

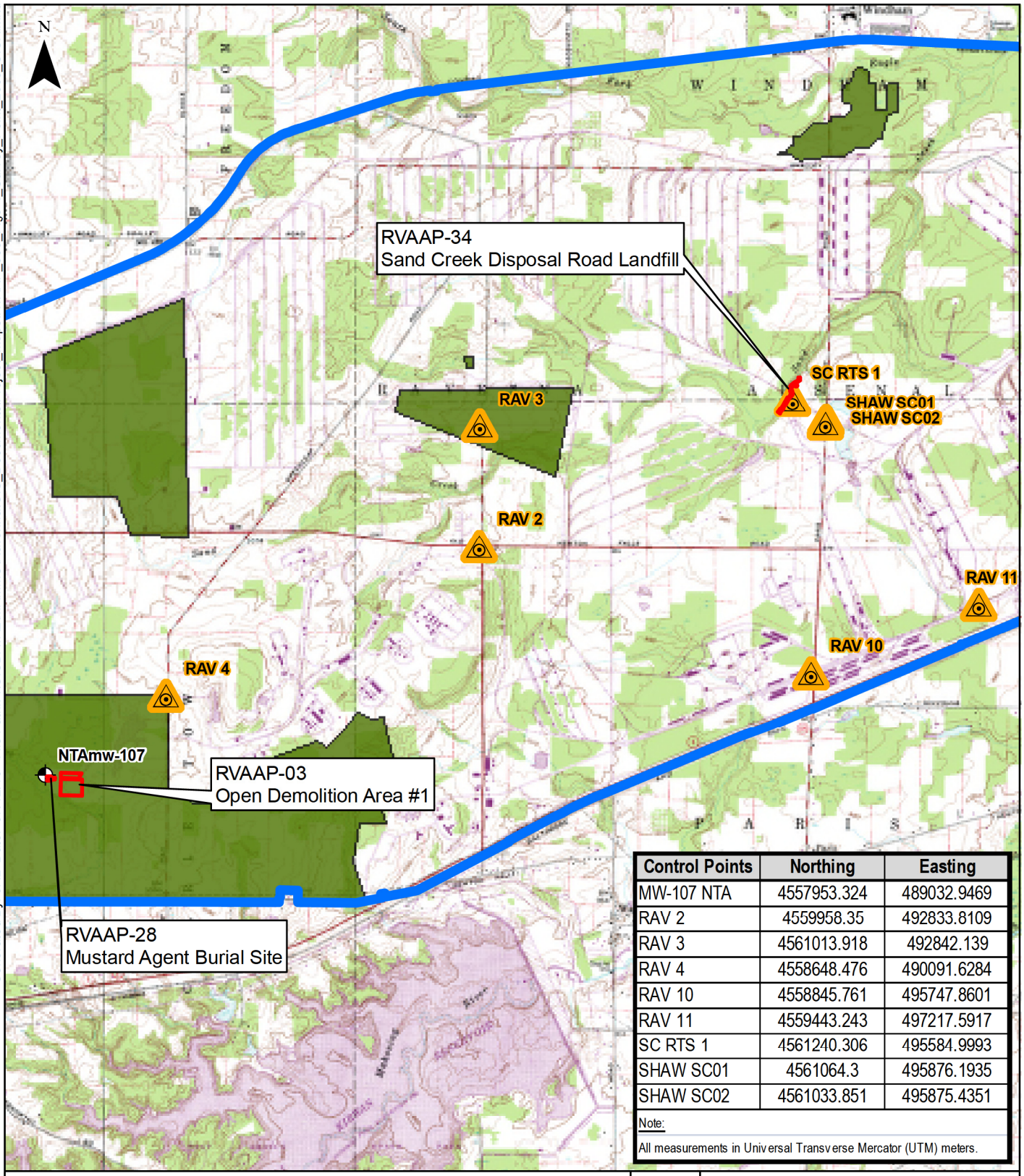
Notes:
AOC = Area of Concern
ft = feet
MABS = Mustard Agent Burial Site
mph = miles per hour
ODA1 = Open Demolition Area #1

Latency corrections employed during processing were approximately 0.3 seconds and resulted in data without chevron effects. Consistent data processing routines were used by the data processor and the anomaly selection criteria at each site was based on the results of the GPO. The use of "*gridpeak.gx*" tool in Oasis ensured that all anomalies that meet the selection criteria were placed on the dig sheet of interpreted anomalies for MABS and ODA1, as identified in **Appendix C**. Target selection of anomalies was not performed for the data collected at the Sand Creek Site due to the significant anomaly density identified.

5.3 Equipment Positional Accuracy Check

Prior to DGM data collection, the RTK GPS was used to check and verify the positional accuracy of the equipment. The RTK GPS base station was established on known survey point RAV 4, located approximately 1,150 m (3,800 ft) from the ODA1 and MABS AOCs at the intersection of Greenleaf Road and South Patrol Road at the RVAAP. GPS data were recorded at monitor well number NTAmw-107 prior to each day's data collection within the ODA1 and MABS AOCs. Well NTAmw-107 is located at the eastern boundary of ODA1.

During the functional check of the GPS base station location for work performed at the Sand Creek Site, it was determined that the distances from the known locations RAV 10 and RAV 11 were too distant for the GPS rover to receive radio link. RAV 10 is located at the intersection of South Service Road and Paris-Windham Road (approximately 2,430 m [7,970 ft]) from the Sand Creek Site. RAV 11 is located on the north side of South Service Road between Load Line No. 3 Road and Load Line No. 2 Road (approximately 2,475 m [8,120 ft]) from the Sand Creek Site. In order to provide a repeatable GPS radio signal at the Sand Creek Site, control point RAV 10 was used to establish two local control points (SHAW SC 01 and check point SHAW SC 02) closer to the Sand Creek Site. Both SHAW SC 01 and SHAW SC 02 are located approximately 280 m (920 ft) east of the Sand Creek Site on Paris-Windham Road. Site survey control points are depicted in **Figure 5-1**.



Control Points	Northing	Easting
MW-107 NTA	4557953.324	489032.9469
RAV 2	4559958.35	492833.8109
RAV 3	4561013.918	492842.139
RAV 4	4558648.476	490091.6284
RAV 10	4558845.761	495747.8601
RAV 11	4559443.243	497217.5917
SC RTS 1	4561240.306	495584.9993
SHAW SC01	4561064.3	495876.1935
SHAW SC02	4561033.851	495875.4351

Note:

All measurements in Universal Transverse Mercator (UTM) meters.

Legend

- Investigation Area
- Ravenna Army Ammunition Plant
- Operational Ranges
- Survey Control Point
- Monitoring Well

0 2,000 4,000 Feet

Projection : NAD_1983_UTM_Zone_17N

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT

MILITARY MUNITIONS RESPONSE PROGRAM

FIGURE NUMBER 5-1

SURVEY CONTROL POINT LOCATIONS
RAVENNA ARMY AMMUNITION PLANT
RAVENNA, OHIO

Shaw Environmental, Inc.

Generated By: JRL Date: 07/12/10 File Path:F:\GISDATA2\MAMMS\Ravenna\GIS_Documents\Project_Maps\RVAAP_053_Fig5-1_Survey_Point_Locs_GISR.mxd

Project Number: 136147

The results of the positional accuracy checks for each of the AOCs are summarized in the Navigation Function QC Logs in **Appendix D** (Form D-2) and indicate that the GPS system used provides position data that is within the tolerance specified for the instrument.

6.0 Results

This section discusses the results of data collected for the DGM investigations at the Sand Creek Site, ODA1, and MABS AOCs.

6.1 RVAAP-34 Sand Creek Disposal Road Landfill

The EM61-MK2 and G-858 survey data indicate that the largest portion of the metal debris at the Sand Creek Site is present northeast of the former railroad bed (**Figure 4-1a and Figure 4-1b**). There are many regions within this area of the site that are characterized by signals of several hundred to several thousand mVs. The large oval-shaped area that trends southwest-northeast in the northeastern portion of the AOC (contiguous pink colors on color-coded image) is approximately 0.8 acres in size. Outside of this area, the anomalies are more dispersed indicating that this 0.8 acre area is most likely the main cell for remaining buried anomalies. This is supported by concrete rubble and debris that is visibly present on ground surface at the location of this defined burial area. The linear anomaly at the northeastern tip of the survey area is localized and not part of the main burial cell as is best shown in **Figure 4-1b** which denotes the larger items of the main burial cell and minimizes the less significant features.

Several areas characterized by relatively higher density of anomalies are located between the stream and the edge of the eastern plateau. Areas characterized by relatively lower density of anomalies are present throughout the southern portion of the survey area. The selection of anomalies that may be considered potential "MEC-like" was not performed for the Sand Creek Site due to the very high anomaly density and the former use of the site as a C&D landfill. Landfill disposal areas are typically difficult to characterize for individual anomalies. Other items identified on the surface by the field crew, which provide further evidence that the site was used as dumping grounds, included smaller and medium-sized miscellaneous metal and some brown bottles.

Shaw performed vegetation clearance of brush, small diameter trees (less than three inches) and hanging limbs less than six feet above ground surface prior to the geophysical investigation activities at the Sand Creek Site to provide the best availability for DGM coverage possible. Following the vegetation clearance, as the DGM activities progressed along the steep slopes, the GPS prism attached to the EM61-MK2 was sometimes obscured by the larger diameter trees, remaining vegetation and steep slopes which limited the RTS tracking capabilities. These resulted in the "white areas" shown in **Figure 4-1a** and **Figure 4-1b**, in particular at the southern portion of the site where thicker forest conditions are present. In addition, DGM activities along the slopes of the site were limited at areas with steep and rugged terrain (>40 degrees), primarily at the central portion of the site, that had the potential to impact worker safety. Based on the

DGM results, it can be interpreted from the surveyed areas around the "white areas" that the areas of buried anomalies have been defined.

Where possible, Shaw continued DGM activities beyond the AOC boundary and the approximate survey boundary presented in the *Scope of Work* (USACE, 2008) until a background response was received with the following exceptions; the east was limited by the tree line to the forested area with dense canopy and coverage to the north was stopped as the DGM activities were beginning to encroach upon the footprint of the former Sand Creek Wastewater Treatment Plant which is not considered part of the AOC.

Based on the DGM results, the data collected at the Sand Creek Site was able to determine the broader limits of metallic waste materials, as well as define more localized regions within and outside the AOC footprint that contained a relatively higher density of metallic anomalies

6.2 RVAAP-03 Open Demolition Area #1

The EM61-MK2 survey data display numerous distinct areas of extremely high anomaly density that surround the center of the ODA1 investigation area (**Figure 4-2a** and **Figure 4-2b**). The circular-shaped anomaly just outside of the known OB/OD area, in the center of ODA1, appears to be the former berm that encircled the former OB/OD area and extends northeast toward the crash strip. The crash strip, associated with the former NTA, is the linear anomaly located in the northern third of the survey area.

East, south, and southwest of the former berm, which encircles the former OB/OD area, there are several localized areas characterized by relatively higher anomaly density that are most likely related to OB/OD operations. These anomalous areas most likely contain debris that was pushed or moved to clear the OB/OD area after each demolition shot. Due to the high anomaly density and cluttered nature of the site it is difficult to characterize individual anomalies. However, target anomalies as represented by the GPO were identified to the best extent possible (**Appendix C**).

Shaw performed vegetation clearance at the east and south portions of ODA1, similar to the Sand Creek Site, prior to DGM activities to provide the best availability for DGM coverage possible. The "white areas" to the east and south portions of the defined AOC boundary represent locations with limited DGM due to the remaining dense tree canopy, wet, and/or thick forest conditions that could not be accessed or removed during the vegetation clearance. It should be noted that the southern portion of the AOC boundary, as defined in the *Scope of Work* (USACE, 2008), actually extends into the flood plain associated with Hinkley Creek. For the most part, there are decreases in sensitivity as the geophysical investigations approached the boundaries where there was no coverage, in particular to the east and southeast. The fiducial surveys (linear transects as discussed in **Section 2.3.3** and shown as the individual "spikes" along the southern survey boundaries in **Figure 4-2a** and **Figure 4-2b**) were performed at the southern AOC

boundary where high anomaly density was identified and indicated decreased sensitivity (i.e., hot pink to green and blue in the color coded image) in that direction as well.

The 1D transects on the south side of ODA1 that were collected in accessible areas indicate there are no large regions of high anomaly density present that are similar in character to those defined in the central portion of the site (the high anomaly density areas in the central portion of the site are referenced on the color coded image with black polygons for comparison). Overall, all of the transects exhibit a large decrease in the relative anomaly density towards their southern endpoints, with the exception of one short transect in the middle of the site that terminates at the site boundary. Transects that extend past the site boundary that are located directly west and east of the shorter transect are characterized by a large decrease in anomaly density, suggesting that the higher anomaly density region has been successfully bounded.

6.3 RVAAP-28 Mustard Agent Burial Site

The EM61-MK2 data indicate that there are anomalies related to anthropogenic features, and south and southeast of the burial site there are two regions characterized by relatively denser aggregates of individual anomalies (**Figure 4-3**). Several of these anomalies have characteristics similar to the larger MEC items present at the GPO (90mm and 155mm projectiles and PIGs), as identified in **Appendix C**.

Beyond the north edge of the concrete pad there are several subsurface anomalies that appear to be linear in nature and are assumed to be related to subsurface utilities (former electrical conduit/drainage pipe/culvert, etc). It is assumed that these features are related to the test pad and are not indicative of mustard agent burial containers that were described to have been buried based on the size, length and perpendicular positions in relationship to the test pad. However, there are no available utility maps for the NTA that can be viewed to confirm these anomalies are intended infrastructure associated with previous activities at the test pad.

6.4 Conclusions

The DGM investigations performed at the Sand Creek Site, ODA1, and MABS AOCs have identified areas of dense anomalies at each of these locations. The DGM data for MABS suggests anomalies are present that have characteristics similar to the larger MEC items at the GPO (90mm and 155mm projectiles and PIGs). The DGM data for ODA1 is cluttered due to high density of anomalies; however, target anomalies as represented at the GPO area were identified. The DGM data for the Sand Creek Site has identified areas of very high density anomalies that make it difficult to discern between potential MEC and other anomalies; however, the data is sufficient to determine the broader limits of metallic waste materials as well as to define more localized regions within and outside the AOC footprint that contain relatively higher metal content. Further investigations at the three AOCs will most likely require intrusive

activities to characterize the buried anomalies and to substantiate whether potential MEC and/or MD are present. Based on the visual observations made in the field and the interpretation of the geophysical data, it is suggested that the geophysical data be used as a tool in the subsequent investigative approach to identify and prioritize potential locations where MEC and/or MD may be present.

7.0 References

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Appendix A
Photographs of Geophysical Survey

PHOTOGRAPHS OF
GEOPHYSICAL SURVEYING

RAVENNA ARMY AMMUNITION PLANT

PHOTOGRAPH: RVAAP-03 Open Demolition Area #1 - Collection of geophysical data with the EM61-MK2

DIGITAL IMAGE FILENAME: DSCF0014.jpg

PHOTOGRAPHS OF
GEOPHYSICAL SURVEYING

RAVENNA ARMY AMMUNITION PLANT

PHOTOGRAPH: RVAAP-34 Sand Creek Disposal Road Landfill - Collection of geophysical data with the G858G magnetometer

DIGITAL IMAGE FILENAME: DSCF0084.jpg

PHOTOGRAPHS OF
GEOPHYSICAL SURVEYING

RAVENNA ARMY AMMUNITION PLANT

PHOTOGRAPH: RVAAP-34 Sand Creek Disposal Road Landfill - Collection of geophysical data with the G858G magnetometer

DIGITAL IMAGE FILENAME: DSCF0085.jpg

PHOTOGRAPHS OF
GEOPHYSICAL SURVEYING

RAVENNA ARMY AMMUNITION PLANT

PHOTOGRAPH: RVAAP-34 Sand Creek Disposal Road Landfill - Collection of geophysical data with the EM61-MK2 (2-Person Tether Mode)

DIGITAL IMAGE FILENAME: DSCF0108.jpg

Appendix B
Geophysical Data and Electronic Files
(Submitted on compact disc)

Appendix C
Interpreted Anomalies at ODA1 and MABS
(Submitted on compact disc)

Interpreted Anomalies at Mustard Agent Burial Site
Ravenna Army Ammunition Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
1	MABS	489071.0245	4557895.746	32.2	dig	I
2	MABS	489073.4091	4557903.387	26	dig	
3	MABS	489075.3344	4557900.206	39.4	dig	
4	MABS	489074.9159	4557897.695	2.3	no dig	
5	MABS	489079.7294	4557897.737	3.3	dig	
6	MABS	489081.6966	4557896.104	1.6	no dig	
7	MABS	489084.3754	4557899.453	2.4	dig	
8	MABS	489086.4264	4557896.355	18.6	dig	
9	MABS	489089.3145	4557896.732	28.4	dig	
10	MABS	489076.632	4557903.01	73.3	dig	II
11	MABS	489078.8504	4557903.01	12.7	dig	
12	MABS	489078.0551	4557904.978	187.6	dig	I
13	MABS	489058.1733	4557899.369	75.2	dig	II
14	MABS	489061.6055	4557897.653	478.7	dig	II
15	MABS	489080.4828	4557906.192	22.8	dig	
16	MABS	489083.5802	4557906.694	117.9	dig	II
17	MABS	489088.6866	4557904.266	68	dig	II
18	MABS	489086.0916	4557903.931	8.9	dig	II
19	MABS	489086.7613	4557905.354	5.4	dig	
20	MABS	489089.1889	4557906.233	2.6	no dig	
21	MABS	489092.8304	4557905.689	354.3	dig	II
22	MABS	489094.6303	4557903.848	32.6	dig	
23	MABS	489092.5793	4557903.931	17.8	dig	
24	MABS	489092.4119	4557899.997	34.7	dig	II
25	MABS	489094.5466	4557901.922	11.8	dig	
26	MABS	489097.1835	4557902.341	11.2	dig	
27	MABS	489097.3091	4557899.788	12.9	dig	
28	MABS	489092.4956	4557895.727	19.6	dig	
29	MABS	489094.3373	4557897.402	1.4	no dig	
30	MABS	489104.048	4557901.504	214.3	dig	II
31	MABS	489106.7686	4557901.587	70.6	dig	II
32	MABS	489109.4474	4557895.937	9.8	dig	
33	MABS	489111.7077	4557899.536	467.3	dig	II
34	MABS	489111.1636	4557904.768	15.6	dig	
35	MABS	489108.6522	4557904.81	62	dig	II
36	MABS	489105.1362	4557906.401	67.2	dig	II
37	MABS	489103.4201	4557906.192	18.3	dig	
38	MABS	489101.9551	4557903.931	29.3	dig	
39	MABS	489099.8205	4557904.601	21.1	dig	
40	MABS	489098.4811	4557904.768	40.5	dig	
41	MABS	489099.4019	4557906.108	167.5	dig	II
42	MABS	489099.4856	4557907.908	88	dig	II
43	MABS	489096.3045	4557907.866	35.7	dig	
44	MABS	489096.179	4557906.275	19.1	dig	
45	MABS	489094.2954	4557906.945	13.1	dig	
46	MABS	489095.9278	4557911.047	126	dig	II
47	MABS	489097.6021	4557911.131	121.7	dig	II
48	MABS	489092.5793	4557912.135	29.7	dig	
49	MABS	489096.4719	4557913.098	21.1	dig	
50	MABS	489100.0297	4557911.675	60.9	dig	II
51	MABS	489103.2108	4557912.637	105.3	dig	II
52	MABS	489103.9224	4557910	76.5	dig	
53	MABS	489101.6203	4557908.912	29.2	dig	
54	MABS	489106.4338	4557909.247	58.6	dig	
55	MABS	489107.7732	4557908.536	47.3	dig	
56	MABS	489109.1544	4557910.293	380.5	dig	II
57	MABS	489111.4984	4557910.712	30	dig	II
58	MABS	489113.1308	4557910.754	88.1	dig	II
59	MABS	489113.5912	4557908.41	7.3	dig	
60	MABS	489114.1772	4557912.721	9.3	dig	
61	MABS	489106.5175	4557911.884	17.8	dig	
62	MABS	489106.8523	4557907.071	18.4	dig	

Interpreted Anomalies at Mustard Agent Burial Site
Ravenna Army Ammunition Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
63	MABS	489095.5092	4557900.06	7.1	dig	
64	MABS	489084.6885	4557912.809	14.3	dig	
65	MABS	489082.4367	4557912.507	15.3	dig	
66	MABS	489079.5258	4557910.338	55.5	dig	
67	MABS	489110.3558	4557931.568	26.7	dig	
68	MABS	489111.7162	4557931.586	15.9	dig	
69	MABS	489114.0925	4557932.076	9.7	dig	
70	MABS	489105.6944	4557897.912	7.1	dig	
71	MABS	489110.998	4557901.734	6.9	dig	
72	MABS	489114.4053	4557911.245	22.7	dig	
73	MABS	489084.7236	4557914.828	64.9	dig	caution-near utility, II
74	MABS	489104.7639	4557914.697	51.7	dig	caution-near utility
75	MABS	489080.4012	4557935.654	78.6	dig	caution-near utility
76	MABS	489079.3534	4557937.095	18.4	dig	caution-near utility
77	MABS	489079.3534	4557938.929	43.4	dig	caution-near utility
78	MABS	489046.4769	4557943.251	215	dig	caution-near utility, II
79	MABS	489048.7036	4557943.12	61.5	dig	caution-near utility, II
80	MABS	489048.9655	4557899.896	23.1	dig	edge of data, II
81	MABS	489076.0788	4557942.596	447.8	dig	caution-utility ?, II
82	MABS	489106.5115	4557931.616	3.9	no dig	
83	MABS	489066.9764	4557904.453	13.4	dig	
84	MABS	489106.5087	4557899.749	14.6	dig	
85	MABS	489112.068	4557907.066	5.5	dig	
86	MABS	489088.2155	4557912.483	5.2	dig	
87	MABS	489078.7126	4557908.516	10.6	dig	
88	MABS	489083.6541	4557904.239	4.2	no dig	
89	MABS	489076.7169	4557899.963	3.7	no dig	
90	MABS	489079.3778	4557940.541	14.4	dig	caution-near utility
91	MABS	489106.4612	4557894.451	14.9	dig	edge of data
92	MABS	489055.9054	4557897.492	9.7	dig	
93	MABS	489046.7609	4557902.695	6.3	dig	
94	MABS	489050.6849	4557902.858	8.9	dig	
95	MABS	489058.8273	4557901.844	6.1	dig	
96	MABS	489058.0425	4557903.414	8.6	dig	
97	MABS	489056.4075	4557899.784	19.6	dig	
98	MABS	489061.803	4557902.825	3.4	no dig	
99	MABS	489066.2503	4557899.98	44.3	dig	II
100	MABS	489066.4792	4557902.858	28.9	dig	II
101	MABS	489065.0731	4557903.414	12.9	dig	
102	MABS	489070.9264	4557903.577	62.9	dig	II
103	MABS	489069.0952	4557902.727	32.2	dig	
104	MABS	489068.9644	4557899.98	22.4	dig	
105	MABS	489071.5804	4557900.275	39	dig	

Notes:

AOC- Area of Concern
Class I - relatvely larger elongated object as determined by UX Analyze software (fit > .980)
Class II - relatively larger object as determined by UX Analyze software (fit > 0.85 and < 0.999)
dig - meets interpretation criteria of 75mm based on GPO data (exceeds 5 mV threshold)
no dig - does not meet interpetation criteria based on GPO data (does not exceed 5 mV threshold);
dig 10-15 % random selection if performing a remedial action
AOC - Area of Concern
MABS - Mustard Agent Burial Site
GPO - Geophysical Prove-Out

The coordinate system is Universal Transverse Mercator (UTM) Zone 17 North, meters (UTM Zone 17 North, meters)
Recommended priority (dig Class I, dig Class II, dig)

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
1	ODA1	489163.233	4557866.615	22.6	dig	
2	ODA1	489163.5	4557872.4	6.8	dig	
3	ODA1	489163.614	4557879.378	8.3	dig	
4	ODA1	489163.614	4557840.516	119.9	dig	
5	ODA1	489163.65	4557863.55	7.9	dig	
6	ODA1	489163.8	4557885.45	5.1	dig	
7	ODA1	489163.995	4557849.279	49.5	dig	
8	ODA1	489164.25	4557853.8	7.1	dig	
9	ODA1	489164.25	4557880.2	5.6	dig	
10	ODA1	489164.376	4557881.093	11	dig	
11	ODA1	489164.376	4557874.425	8.2	dig	
12	ODA1	489164.4	4557875.1	5.5	dig	
13	ODA1	489164.4	4557870.15	5.8	dig	
14	ODA1	489164.4	4557869.4	6.1	dig	
15	ODA1	489164.5665	4557886.427	10.3	dig	
16	ODA1	489164.5665	4557905.286	242.4	dig	
17	ODA1	489164.757	4557899.19	175.4	dig	
18	ODA1	489164.757	4557857.661	950.3	dig	
19	ODA1	489164.85	4557863.4	7.8	dig	
20	ODA1	489164.9475	4557938.243	66.9	dig	
21	ODA1	489164.9475	4557909.858	42	dig	
22	ODA1	489164.9475	4557908.334	121.8	dig	
23	ODA1	489165.3	4557859.35	5.4	dig	
24	ODA1	489165.3285	4557953.673	22.1	dig	
25	ODA1	489165.519	4557889.475	29.7	dig	
26	ODA1	489165.7095	4557933.48	104.8	dig	
27	ODA1	489165.75	4557868.05	5.5	dig	
28	ODA1	489166.0905	4557959.96	111.8	dig	
29	ODA1	489166.0905	4557937.1	129.2	dig	
30	ODA1	489166.4715	4557894.618	45.7	dig	
31	ODA1	489166.5	4557953.55	5.2	dig	
32	ODA1	489166.8	4557880.5	5.6	dig	
33	ODA1	489166.8	4557881.55	7.7	dig	
34	ODA1	489166.8525	4557884.522	22.6	dig	
35	ODA1	489166.8525	4557877.664	8.1	dig	
36	ODA1	489167.1	4557951.15	5	dig	
37	ODA1	489167.2335	4557870.044	31.4	dig	
38	ODA1	489167.2335	4557866.996	9.2	dig	
39	ODA1	489167.25	4557957.45	5.8	dig	
40	ODA1	489167.25	4557787.8	7.4	dig	
41	ODA1	489167.4	4557955.95	5.1	dig	
42	ODA1	489168	4557958.95	6.2	dig	
43	ODA1	489168	4557955.2	6.6	dig	
44	ODA1	489168	4557890.55	6.3	dig	
45	ODA1	489168	4557865.65	5.2	dig	
46	ODA1	489168.3765	4557902.81	115	dig	
47	ODA1	489168.567	4557858.995	8.8	dig	
48	ODA1	489168.7575	4557828.515	36.1	dig	
49	ODA1	489168.7575	4557888.713	9.1	dig	
50	ODA1	489168.948	4557934.623	13.9	dig	
51	ODA1	489169.05	4557960.15	5.2	dig	
52	ODA1	489169.1385	4557939.957	9.6	dig	
53	ODA1	489169.1385	4557876.33	80.6	dig	
54	ODA1	489169.1385	4557870.234	24	dig	
55	ODA1	489169.1385	4557903.191	97.6	dig	
56	ODA1	489169.2	4557942.15	6.5	dig	
57	ODA1	489169.329	4557830.42	14.1	dig	
58	ODA1	489169.329	4557792.51	12	dig	
59	ODA1	489169.329	4557829.086	27.5	dig	
60	ODA1	489169.329	4557832.134	20.3	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
61	ODA1	489169.35	4557881.7	7.6	dig	
62	ODA1	489169.35	4557945.6	6.5	dig	
63	ODA1	489169.5	4557898.95	5.2	dig	
64	ODA1	489169.5	4557862.2	6.7	dig	
65	ODA1	489169.5195	4557893.475	27.2	dig	
66	ODA1	489169.5195	4557906.429	19.2	dig	
67	ODA1	489169.5195	4557857.471	14.1	dig	
68	ODA1	489169.65	4557960.6	6.4	dig	
69	ODA1	489169.65	4557865.8	5.6	dig	
70	ODA1	489169.71	4557841.088	26.7	dig	
71	ODA1	489169.71	4557836.897	82	dig	
72	ODA1	489169.8	4557945.75	7.4	dig	
73	ODA1	489169.8	4557945.15	7	dig	
74	ODA1	489169.9005	4557870.996	26.4	dig	
75	ODA1	489170.091	4557958.626	1132.2	dig	
76	ODA1	489170.091	4557833.277	14.5	dig	
77	ODA1	489170.25	4557865.95	5.6	dig	
78	ODA1	489170.25	4557874.05	5.3	dig	
79	ODA1	489170.4	4557899.55	7.7	dig	
80	ODA1	489170.472	4557835.754	79.7	dig	
81	ODA1	489170.472	4557890.618	12.7	dig	
82	ODA1	489170.472	4557908.715	39.4	dig	
83	ODA1	489170.472	4557897.476	45.4	dig	
84	ODA1	489170.55	4557887.4	5	dig	
85	ODA1	489170.55	4557938.1	6.5	dig	
86	ODA1	489170.55	4557882	7.5	dig	
87	ODA1	489170.6625	4557839.373	12.7	dig	
88	ODA1	489170.6625	4557900.714	10.1	dig	
89	ODA1	489170.6625	4557884.522	944.5	dig	
90	ODA1	489170.7	4557880.65	5.4	dig	
91	ODA1	489170.85	4557850.2	6.9	dig	
92	ODA1	489171	4557860.1	5	dig	
93	ODA1	489171	4557859.35	7.1	dig	
94	ODA1	489171.0435	4557943.577	10.8	dig	
95	ODA1	489171.0435	4557941.291	13.3	dig	
96	ODA1	489171.0435	4557912.716	25.3	dig	
97	ODA1	489171.15	4557899.1	6.4	dig	
98	ODA1	489171.234	4557797.273	18.8	dig	
99	ODA1	489171.234	4557895.571	52.4	dig	
100	ODA1	489171.234	4557893.285	33.2	dig	
101	ODA1	489171.234	4557935.957	100	dig	
102	ODA1	489171.3	4557872.25	6.4	dig	
103	ODA1	489171.3	4557821.4	6	dig	
104	ODA1	489171.3	4557869.25	6.8	dig	
105	ODA1	489171.45	4557837.9	5.4	dig	
106	ODA1	489171.615	4557903.191	41.8	dig	
107	ODA1	489171.615	4557843.945	9	dig	
108	ODA1	489171.75	4557851.4	6.3	dig	
109	ODA1	489171.75	4557886.65	5.3	dig	
110	ODA1	489171.75	4557798.15	6.9	dig	
111	ODA1	489171.9	4557900.15	6.4	dig	
112	ODA1	489171.9	4557861.3	5.1	dig	
113	ODA1	489171.996	4557821.466	9.9	dig	
114	ODA1	489171.996	4557939.005	11.1	dig	
115	ODA1	489172.05	4557864.9	5.2	dig	
116	ODA1	489172.05	4557839.55	5.1	dig	
117	ODA1	489172.1865	4557825.467	10.3	dig	
118	ODA1	489172.1865	4557826.229	10.6	dig	
119	ODA1	489172.1865	4557836.516	9.2	dig	
120	ODA1	489172.2	4557879.9	6.1	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
121	ODA1	489172.2	4557824.55	7	dig	
122	ODA1	489172.377	4557901.857	23.3	dig	
123	ODA1	489172.377	4557857.28	10.1	dig	
124	ODA1	489172.377	4557888.332	33.5	dig	
125	ODA1	489172.377	4557827.753	10.6	dig	
126	ODA1	489172.5	4557861.3	5.6	dig	
127	ODA1	489172.5675	4557853.661	21.9	dig	
128	ODA1	489172.5675	4557898.619	74.2	dig	
129	ODA1	489172.5675	4557856.328	11.8	dig	
130	ODA1	489172.5675	4557946.244	32.2	dig	
131	ODA1	489172.65	4557862.2	6	dig	
132	ODA1	489172.758	4557909.096	16.6	dig	
133	ODA1	489172.758	4557958.626	13.5	dig	
134	ODA1	489172.8	4557961.8	6.7	dig	
135	ODA1	489172.95	4557938.1	7.5	dig	
136	ODA1	489173.1	4557843.15	6.2	dig	
137	ODA1	489173.139	4557847.184	45.4	dig	
138	ODA1	489173.139	4557835.754	8.5	dig	
139	ODA1	489173.139	4557868.329	26.4	dig	
140	ODA1	489173.25	4557846	7.2	dig	
141	ODA1	489173.25	4557859.5	7.4	dig	
142	ODA1	489173.3295	4557867.186	28.3	dig	
143	ODA1	489173.52	4557957.483	14.3	dig	
144	ODA1	489173.7	4557871.05	5.7	dig	
145	ODA1	489173.7105	4557865.853	20.4	dig	
146	ODA1	489173.7105	4557939.195	13.6	dig	
147	ODA1	489173.7105	4557941.1	94.9	dig	
148	ODA1	489173.7105	4557877.854	61	dig	
149	ODA1	489173.7105	4557905.286	33.6	dig	
150	ODA1	489173.7105	4557849.279	47.6	dig	
151	ODA1	489173.901	4557833.658	8.5	dig	
152	ODA1	489173.901	4557903	31.6	dig	
153	ODA1	489173.901	4557857.471	25.6	dig	
154	ODA1	489174	4557826.05	6.5	dig	
155	ODA1	489174	4557881.4	6	dig	
156	ODA1	489174	4557887.85	5.2	dig	
157	ODA1	489174	4557825.6	6.9	dig	
158	ODA1	489174	4557835.05	6.6	dig	
159	ODA1	489174.0915	4557885.284	531.3	dig	
160	ODA1	489174.0915	4557892.713	38.5	dig	
161	ODA1	489174.0915	4557875.378	14.2	dig	
162	ODA1	489174.15	4557772.5	6.3	dig	
163	ODA1	489174.15	4557842.55	7	dig	
164	ODA1	489174.282	4557804.702	24.1	dig	
165	ODA1	489174.282	4557821.657	18.9	dig	
166	ODA1	489174.282	4557852.137	14	dig	
167	ODA1	489174.282	4557897.285	51.8	dig	
168	ODA1	489174.282	4557810.989	10.9	dig	
169	ODA1	489174.663	4557865.281	33.6	dig	
170	ODA1	489174.663	4557863.376	16.8	dig	
171	ODA1	489174.663	4557947.196	31.8	dig	
172	ODA1	489174.663	4557910.049	15.3	dig	
173	ODA1	489174.663	4557822.99	15.1	dig	
174	ODA1	489174.663	4557883.379	17.6	dig	
175	ODA1	489174.75	4557832.35	5.3	dig	
176	ODA1	489174.75	4557846.75	7.3	dig	
177	ODA1	489174.75	4557835.2	6.6	dig	
178	ODA1	489174.8535	4557812.894	32.4	dig	
179	ODA1	489174.8535	4557890.999	48.9	dig	
180	ODA1	489174.9	4557958.95	7.7	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
181	ODA1	489174.9	4557860.4	6.2	dig	
182	ODA1	489175.044	4557873.473	57.7	dig	
183	ODA1	489175.044	4557879.378	9	dig	
184	ODA1	489175.044	4557817.466	306.9	dig	
185	ODA1	489175.2345	4557808.131	28.3	dig	
186	ODA1	489175.2345	4557911.382	11.7	dig	
187	ODA1	489175.35	4557775.95	5.7	dig	
188	ODA1	489175.425	4557852.899	11.6	dig	
189	ODA1	489175.6155	4557837.278	18.8	dig	
190	ODA1	489175.65	4557844.8	5.2	dig	
191	ODA1	489175.65	4557889.05	5.3	dig	
192	ODA1	489175.8	4557904.95	7.8	dig	
193	ODA1	489175.8	4557832.5	5.4	dig	
194	ODA1	489175.806	4557808.893	35.8	dig	
195	ODA1	489175.95	4557868.95	7.3	dig	
196	ODA1	489175.95	4557862.05	6.3	dig	
197	ODA1	489175.9965	4557907.191	93.6	dig	
198	ODA1	489176.1	4557937.95	6.4	dig	
199	ODA1	489176.1	4557940.05	5.6	dig	
200	ODA1	489176.1	4557828.3	6.9	dig	
201	ODA1	489176.187	4557885.284	810.6	dig	
202	ODA1	489176.25	4557842.85	7.3	dig	
203	ODA1	489176.3775	4557804.702	12.3	dig	
204	ODA1	489176.4	4557859.8	5.1	dig	
205	ODA1	489176.55	4557876.3	7	dig	
206	ODA1	489176.568	4557830.229	20.4	dig	
207	ODA1	489176.568	4557892.332	15.2	dig	
208	ODA1	489176.7	4557854.85	6.5	dig	
209	ODA1	489176.7	4557888.45	6.7	dig	
210	ODA1	489176.7	4557869.25	5.1	dig	
211	ODA1	489176.7585	4557909.287	24.7	dig	
212	ODA1	489176.7585	4557833.849	44.4	dig	
213	ODA1	489176.7585	4557811.179	17.4	dig	
214	ODA1	489176.949	4557823.181	114.9	dig	
215	ODA1	489177	4557891	6.5	dig	
216	ODA1	489177	4557829.05	6	dig	
217	ODA1	489177	4557930.6	7	dig	
218	ODA1	489177	4557846	5.3	dig	
219	ODA1	489177	4557840.9	5	dig	
220	ODA1	489177.1395	4557898.809	14.9	dig	
221	ODA1	489177.1395	4557836.135	31.4	dig	
222	ODA1	489177.15	4557859.5	7.1	dig	
223	ODA1	489177.3	4557852.75	5.8	dig	
224	ODA1	489177.33	4557912.144	12.2	dig	
225	ODA1	489177.33	4557875.949	10.5	dig	
226	ODA1	489177.33	4557900.524	8.1	dig	
227	ODA1	489177.33	4557804.131	12.5	dig	
228	ODA1	489177.45	4557939.3	5.2	dig	
229	ODA1	489177.45	4557858.15	6.8	dig	
230	ODA1	489177.5205	4557882.236	13.1	dig	
231	ODA1	489177.5205	4557935.766	20.6	dig	
232	ODA1	489177.5205	4557946.053	28.8	dig	
233	ODA1	489177.5205	4557816.132	368.3	dig	
234	ODA1	489177.6	4557851.55	7.9	dig	
235	ODA1	489177.6	4557829.35	5.3	dig	
236	ODA1	489177.711	4557884.141	78.4	dig	
237	ODA1	489177.711	4557894.047	8.4	dig	
238	ODA1	489177.711	4557903.572	23	dig	
239	ODA1	489177.75	4557841.65	5.9	dig	
240	ODA1	489177.75	4557873.9	7.4	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
241	ODA1	489177.9015	4557853.851	10.9	dig	
242	ODA1	489177.9015	4557843.945	12	dig	
243	ODA1	489177.9015	4557897.285	51.8	dig	
244	ODA1	489178.092	4557824.705	94.1	dig	
245	ODA1	489178.092	4557783.747	21.8	dig	
246	ODA1	489178.092	4557807.369	20.2	dig	
247	ODA1	489178.2	4557874.65	5.7	dig	
248	ODA1	489178.2825	4557832.325	43.8	dig	
249	ODA1	489178.2825	4557849.279	27.5	dig	
250	ODA1	489178.2825	4557856.518	19.2	dig	
251	ODA1	489178.35	4557867.3	5.5	dig	
252	ODA1	489178.473	4557838.23	31.5	dig	
253	ODA1	489178.5	4557840.6	5.8	dig	
254	ODA1	489178.5	4557835.35	5.5	dig	
255	ODA1	489178.5	4557847.5	7.1	dig	
256	ODA1	489178.65	4557938.1	5.3	dig	
257	ODA1	489178.65	4557850.8	7.1	dig	
258	ODA1	489178.65	4557934.35	6.4	dig	
259	ODA1	489178.65	4557934.65	6.4	dig	
260	ODA1	489178.6635	4557932.528	9.2	dig	
261	ODA1	489178.6635	4557945.863	19.5	dig	
262	ODA1	489178.854	4557810.608	228.1	dig	
263	ODA1	489178.854	4557819.18	683.6	dig	
264	ODA1	489178.95	4557877.8	6.2	dig	
265	ODA1	489178.95	4557900.45	5.6	dig	
266	ODA1	489179.0445	4557893.666	12.8	dig	
267	ODA1	489179.0445	4557841.278	9.7	dig	
268	ODA1	489179.0445	4557844.898	19	dig	
269	ODA1	489179.0445	4557813.846	143.7	dig	
270	ODA1	489179.1	4557840.3	6.5	dig	
271	ODA1	489179.235	4557849.47	24.6	dig	
272	ODA1	489179.235	4557828.134	39.3	dig	
273	ODA1	489179.235	4557910.049	16.1	dig	
274	ODA1	489179.25	4557907.95	6.4	dig	
275	ODA1	489179.4	4557848.1	5.6	dig	
276	ODA1	489179.4	4557889.8	7.2	dig	
277	ODA1	489179.4255	4557878.235	17.4	dig	
278	ODA1	489179.4255	4557852.327	21.9	dig	
279	ODA1	489179.4255	4557946.625	13.8	dig	
280	ODA1	489179.4255	4557939.576	9	dig	
281	ODA1	489179.4255	4557815.37	153.7	dig	
282	ODA1	489179.55	4557900.15	6.8	dig	
283	ODA1	489179.8065	4557831.182	11.9	dig	
284	ODA1	489179.8065	4557935.957	16.7	dig	
285	ODA1	489179.8065	4557829.467	9.1	dig	
286	ODA1	489179.85	4557839.7	7.6	dig	
287	ODA1	489179.85	4557873.9	7.9	dig	
288	ODA1	489179.85	4557834.6	7.4	dig	
289	ODA1	489179.997	4557934.623	13.5	dig	
290	ODA1	489180.15	4557848.25	6.1	dig	
291	ODA1	489180.15	4557850.95	6.5	dig	
292	ODA1	489180.1875	4557863.757	17.5	dig	
293	ODA1	489180.1875	4557903.191	15.7	dig	
294	ODA1	489180.378	4557945.863	8.2	dig	
295	ODA1	489180.378	4557836.706	21.1	dig	
296	ODA1	489180.5685	4557833.277	20.6	dig	
297	ODA1	489180.5685	4557865.472	29.4	dig	
298	ODA1	489180.5685	4557810.798	63.9	dig	
299	ODA1	489180.6	4557829.65	6.9	dig	
300	ODA1	489180.75	4557840.9	7.5	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
301	ODA1	489180.759	4557856.899	1637.3	dig	
302	ODA1	489180.759	4557861.852	76.1	dig	
303	ODA1	489180.759	4557814.227	283	dig	
304	ODA1	489180.759	4557882.236	35.4	dig	
305	ODA1	489180.759	4557880.14	18	dig	
306	ODA1	489180.759	4557906.429	30.6	dig	
307	ODA1	489180.759	4557818.418	204.8	dig	
308	ODA1	489180.9495	4557854.232	22.1	dig	
309	ODA1	489180.9495	4557962.627	12.7	dig	
310	ODA1	489180.9495	4557935.766	14.1	dig	
311	ODA1	489180.9495	4557942.434	53	dig	
312	ODA1	489180.9495	4557899	42.3	dig	
313	ODA1	489181.14	4557897.095	79	dig	
314	ODA1	489181.3305	4557821.276	268.6	dig	
315	ODA1	489181.3305	4557867.186	41.8	dig	
316	ODA1	489181.3305	4557823.943	595.5	dig	
317	ODA1	489181.3305	4557839.754	10.8	dig	
318	ODA1	489181.3305	4557838.421	12.8	dig	
319	ODA1	489181.35	4557850.05	5.4	dig	
320	ODA1	489181.5	4557793.35	5.9	dig	
321	ODA1	489181.521	4557903.953	18.2	dig	
322	ODA1	489181.521	4557815.561	366.1	dig	
323	ODA1	489181.7115	4557799.749	43.8	dig	
324	ODA1	489181.7115	4557852.708	22.8	dig	
325	ODA1	489181.7115	4557847.374	16.3	dig	
326	ODA1	489181.7115	4557808.131	85.3	dig	
327	ODA1	489181.7115	4557858.995	21.4	dig	
328	ODA1	489181.8	4557936.9	7.9	dig	
329	ODA1	489181.902	4557911.001	80.4	dig	
330	ODA1	489181.902	4557954.626	9.3	dig	
331	ODA1	489181.902	4557794.606	15.4	dig	
332	ODA1	489181.902	4557823.181	579.5	dig	
333	ODA1	489181.902	4557825.276	511.6	dig	
334	ODA1	489181.902	4557963.579	8.6	dig	
335	ODA1	489182.0925	4557944.72	118.3	dig	
336	ODA1	489182.0925	4557900.524	20.9	dig	
337	ODA1	489182.0925	4557871.949	49	dig	
338	ODA1	489182.283	4557836.897	22.4	dig	
339	ODA1	489182.283	4557812.894	331	dig	
340	ODA1	489182.283	4557831.563	19.1	dig	
341	ODA1	489182.4	4557850.65	6.2	dig	
342	ODA1	489182.4735	4557834.23	16.6	dig	
343	ODA1	489182.4735	4557895.952	11.7	dig	
344	ODA1	489182.4735	4557879.378	28.1	dig	
345	ODA1	489182.55	4557851.4	7.2	dig	
346	ODA1	489182.664	4557870.425	55.1	dig	
347	ODA1	489182.664	4557960.722	15	dig	
348	ODA1	489182.664	4557898.047	64	dig	
349	ODA1	489182.664	4557875.378	20.6	dig	
350	ODA1	489182.85	4557890.85	5.7	dig	
351	ODA1	489182.85	4557937.65	7.1	dig	
352	ODA1	489182.85	4557839.25	7.5	dig	
353	ODA1	489182.8545	4557835.944	10.9	dig	
354	ODA1	489182.8545	4557883.569	125.4	dig	
355	ODA1	489182.8545	4557880.331	41.6	dig	
356	ODA1	489182.8545	4557877.854	54	dig	
357	ODA1	489183.045	4557857.661	13.4	dig	
358	ODA1	489183.045	4557945.672	107.9	dig	
359	ODA1	489183.045	4557861.471	9.9	dig	
360	ODA1	489183.15	4557851.25	7.2	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
361	ODA1	489183.2355	4557845.279	39.3	dig	
362	ODA1	489183.2355	4557948.72	30.9	dig	
363	ODA1	489183.3	4557963.9	7.9	dig	
364	ODA1	489183.426	4557849.851	8.1	dig	
365	ODA1	489183.426	4557903.762	11.1	dig	
366	ODA1	489183.426	4557846.422	15.4	dig	
367	ODA1	489183.426	4557816.704	467.7	dig	
368	ODA1	489183.426	4557963.96	8.4	dig	
369	ODA1	489183.426	4557853.28	12.6	dig	
370	ODA1	489183.6165	4557894.237	41.3	dig	
371	ODA1	489183.6165	4557935.385	28.6	dig	
372	ODA1	489183.6165	4557876.521	36	dig	
373	ODA1	489183.6165	4557908.334	13.5	dig	
374	ODA1	489183.6165	4557831.753	10.8	dig	
375	ODA1	489183.807	4557864.519	26.7	dig	
376	ODA1	489183.807	4557943.577	46.9	dig	
377	ODA1	489183.807	4557838.04	27.8	dig	
378	ODA1	489183.9	4557891.3	6.1	dig	
379	ODA1	489183.9	4557962.1	6.7	dig	
380	ODA1	489183.9	4557887.55	6.2	dig	
381	ODA1	489183.9975	4557955.388	13.5	dig	
382	ODA1	489183.9975	4557843.564	46.8	dig	
383	ODA1	489183.9975	4557962.246	8.7	dig	
384	ODA1	489183.9975	4557859.757	14.1	dig	
385	ODA1	489184.188	4557866.043	42.3	dig	
386	ODA1	489184.188	4557870.996	11.8	dig	
387	ODA1	489184.188	4557868.901	80.1	dig	
388	ODA1	489184.2	4557856.05	7.8	dig	
389	ODA1	489184.35	4557848.25	5.8	dig	
390	ODA1	489184.3785	4557933.671	44.1	dig	
391	ODA1	489184.3785	4557852.899	12.8	dig	
392	ODA1	489184.3785	4557874.425	14.3	dig	
393	ODA1	489184.569	4557850.613	18.5	dig	
394	ODA1	489184.569	4557854.994	9.1	dig	
395	ODA1	489184.7595	4557840.326	8.8	dig	
396	ODA1	489184.7595	4557947.196	208.2	dig	
397	ODA1	489184.7595	4557892.904	25.3	dig	
398	ODA1	489184.7595	4557819.18	361.1	dig	
399	ODA1	489184.7595	4557951.768	13	dig	
400	ODA1	489184.95	4557849.47	15.3	dig	
401	ODA1	489185.1405	4557882.617	80.1	dig	
402	ODA1	489185.1405	4557886.427	10.6	dig	
403	ODA1	489185.1405	4557878.045	50.1	dig	
404	ODA1	489185.1405	4557872.139	12.1	dig	
405	ODA1	489185.331	4557834.611	85.2	dig	
406	ODA1	489185.331	4557817.656	299.2	dig	
407	ODA1	489185.5215	4557837.468	10.2	dig	
408	ODA1	489185.5215	4557830.229	35.2	dig	
409	ODA1	489185.5215	4557821.847	140.9	dig	
410	ODA1	489185.712	4557848.898	14.5	dig	
411	ODA1	489185.712	4557854.232	8.2	dig	
412	ODA1	489185.712	4557909.858	13.8	dig	
413	ODA1	489185.712	4557839.373	18.2	dig	
414	ODA1	489185.85	4557875.25	5.1	dig	
415	ODA1	489185.85	4557911.25	6.8	dig	
416	ODA1	489185.9025	4557860.519	22.9	dig	
417	ODA1	489185.9025	4557826.61	159.9	dig	
418	ODA1	489185.9025	4557832.706	19.7	dig	
419	ODA1	489185.9025	4557884.522	42.1	dig	
420	ODA1	489185.9025	4557937.29	162.3	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
421	ODA1	489186	4557930.15	7.3	dig	
422	ODA1	489186.093	4557907.953	21.9	dig	
423	ODA1	489186.093	4557824.514	328.1	dig	
424	ODA1	489186.093	4557881.283	29.6	dig	
425	ODA1	489186.093	4557843.755	13.8	dig	
426	ODA1	489186.093	4557845.85	14.8	dig	
427	ODA1	489186.093	4557806.036	207.8	dig	
428	ODA1	489186.15	4557891.3	5.5	dig	
429	ODA1	489186.15	4557930.75	7.7	dig	
430	ODA1	489186.2835	4557951.006	22.4	dig	
431	ODA1	489186.2835	4557963.198	18.9	dig	
432	ODA1	489186.2835	4557948.149	804.6	dig	
433	ODA1	489186.2835	4557846.993	17.3	dig	
434	ODA1	489186.3	4557911.7	7	dig	
435	ODA1	489186.474	4557867.948	48	dig	
436	ODA1	489186.474	4557878.997	42.3	dig	
437	ODA1	489186.474	4557964.532	75	dig	
438	ODA1	489186.474	4557870.615	9.7	dig	
439	ODA1	489186.474	4557815.751	379.6	dig	
440	ODA1	489186.474	4557883.95	45	dig	
441	ODA1	489186.474	4557855.566	15.1	dig	
442	ODA1	489186.474	4557814.418	235.8	dig	
443	ODA1	489186.6645	4557856.709	16.7	dig	
444	ODA1	489186.6645	4557813.084	186.1	dig	
445	ODA1	489186.855	4557823.562	384.6	dig	
446	ODA1	489186.9	4557890.85	5.5	dig	
447	ODA1	489187.0455	4557903.762	49.4	dig	
448	ODA1	489187.0455	4557901.667	8.8	dig	
449	ODA1	489187.0455	4557889.475	11.5	dig	
450	ODA1	489187.0455	4557851.756	26	dig	
451	ODA1	489187.05	4557894.15	5.5	dig	
452	ODA1	489187.2	4557899.4	5.2	dig	
453	ODA1	489187.236	4557965.294	237.2	dig	
454	ODA1	489187.236	4557858.995	20.7	dig	
455	ODA1	489187.236	4557896.142	8.7	dig	
456	ODA1	489187.236	4557873.663	56	dig	
457	ODA1	489187.236	4557875.378	17.3	dig	
458	ODA1	489187.236	4557863.948	33	dig	
459	ODA1	489187.236	4557942.815	8.6	dig	
460	ODA1	489187.4265	4557862.614	20.8	dig	
461	ODA1	489187.4265	4557843.183	12.9	dig	
462	ODA1	489187.5	4557834.45	7.7	dig	
463	ODA1	489187.617	4557901.857	10.2	dig	
464	ODA1	489187.65	4557886.95	6.9	dig	
465	ODA1	489187.65	4557943.5	6.8	dig	
466	ODA1	489187.8	4557931.65	6.1	dig	
467	ODA1	489187.8075	4557897.476	22.5	dig	
468	ODA1	489187.8075	4557952.53	85.4	dig	
469	ODA1	489187.8075	4557855.375	12.4	dig	
470	ODA1	489187.95	4557899.7	6.4	dig	
471	ODA1	489187.998	4557963.77	83.3	dig	
472	ODA1	489187.998	4557892.904	12.2	dig	
473	ODA1	489187.998	4557853.28	10.7	dig	
474	ODA1	489187.998	4557865.662	18	dig	
475	ODA1	489188.1885	4557831.563	13	dig	
476	ODA1	489188.1885	4557827.372	118	dig	
477	ODA1	489188.1885	4557869.282	35.3	dig	
478	ODA1	489188.1885	4557910.239	31.9	dig	
479	ODA1	489188.1885	4557832.896	18	dig	
480	ODA1	489188.1885	4557875.949	13.5	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
481	ODA1	489188.379	4557836.325	13.6	dig	
482	ODA1	489188.379	4557938.243	22.4	dig	
483	ODA1	489188.379	4557813.465	134	dig	
484	ODA1	489188.4	4557894.9	5.3	dig	
485	ODA1	489188.55	4557948.75	7.6	dig	
486	ODA1	489188.55	4557899.1	6.3	dig	
487	ODA1	489188.55	4557890.4	5.5	dig	
488	ODA1	489188.5695	4557956.15	20.8	dig	
489	ODA1	489188.5695	4557847.565	22.1	dig	
490	ODA1	489188.5695	4557961.674	10.4	dig	
491	ODA1	489188.5695	4557861.09	21.5	dig	
492	ODA1	489188.5695	4557880.902	9.9	dig	
493	ODA1	489188.5695	4557869.663	35.8	dig	
494	ODA1	489188.7	4557957.9	6.6	dig	
495	ODA1	489188.76	4557867.948	36.4	dig	
496	ODA1	489188.9505	4557818.037	163.1	dig	
497	ODA1	489188.9505	4557871.187	13	dig	
498	ODA1	489188.9505	4557913.668	31.7	dig	
499	ODA1	489188.9505	4557884.331	33.2	dig	
500	ODA1	489189.141	4557882.807	51.4	dig	
501	ODA1	489189.141	4557834.801	32.2	dig	
502	ODA1	489189.141	4557878.235	13	dig	
503	ODA1	489189.141	4557852.708	9.3	dig	
504	ODA1	489189.15	4557888.9	7.7	dig	
505	ODA1	489189.15	4557936.45	7.3	dig	
506	ODA1	489189.3	4557830.25	6.4	dig	
507	ODA1	489189.3315	4557843.755	15.5	dig	
508	ODA1	489189.3315	4557942.434	10.9	dig	
509	ODA1	489189.3315	4557838.04	87.2	dig	
510	ODA1	489189.3315	4557846.231	17.7	dig	
511	ODA1	489189.3315	4557951.959	133.5	dig	
512	ODA1	489189.45	4557899.55	6.9	dig	
513	ODA1	489189.522	4557854.804	11.9	dig	
514	ODA1	489189.522	4557872.139	16.2	dig	
515	ODA1	489189.522	4557960.341	43.6	dig	
516	ODA1	489189.522	4557912.716	45.6	dig	
517	ODA1	489189.7125	4557862.043	11.1	dig	
518	ODA1	489189.7125	4557901.286	18.5	dig	
519	ODA1	489189.7125	4557879.759	17.8	dig	
520	ODA1	489189.7125	4557873.282	26.3	dig	
521	ODA1	489189.9	4557880.8	7.8	dig	
522	ODA1	489189.9	4557841.2	6.5	dig	
523	ODA1	489189.903	4557849.851	14.5	dig	
524	ODA1	489189.903	4557829.467	11	dig	
525	ODA1	489189.903	4557833.468	71.2	dig	
526	ODA1	489189.903	4557950.244	34.1	dig	
527	ODA1	489189.903	4557831.753	15	dig	
528	ODA1	489190.0935	4557890.237	13.4	dig	
529	ODA1	489190.0935	4557813.084	163.4	dig	
530	ODA1	489190.2	4557856.2	5.6	dig	
531	ODA1	489190.2	4557894.45	6.2	dig	
532	ODA1	489190.284	4557903.572	138	dig	
533	ODA1	489190.284	4557959.198	17.1	dig	
534	ODA1	489190.284	4557877.854	20.2	dig	
535	ODA1	489190.4745	4557825.848	11.8	dig	
536	ODA1	489190.5	4557840.15	6.1	dig	
537	ODA1	489190.665	4557887.57	8.4	dig	
538	ODA1	489190.665	4557861.662	11.3	dig	
539	ODA1	489190.665	4557851.756	8.4	dig	
540	ODA1	489190.8	4557941.7	6.8	dig	

Interpreted Anomalies at Open Demolition Area #1
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Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
541	ODA1	489190.8	4557843.15	7.1	dig	
542	ODA1	489190.8555	4557869.282	32.1	dig	
543	ODA1	489190.8555	4557841.659	9	dig	
544	ODA1	489190.8555	4557846.422	15.8	dig	
545	ODA1	489190.95	4557946.2	6.8	dig	
546	ODA1	489190.95	4557953.85	6.3	dig	
547	ODA1	489191.046	4557859.566	13.4	dig	
548	ODA1	489191.046	4557853.089	9.4	dig	
549	ODA1	489191.046	4557870.806	26.6	dig	
550	ODA1	489191.046	4557893.285	16.2	dig	
551	ODA1	489191.2365	4557826.991	13.3	dig	
552	ODA1	489191.427	4557911.954	16.9	dig	
553	ODA1	489191.427	4557855.185	8.6	dig	
554	ODA1	489191.427	4557806.988	137.2	dig	
555	ODA1	489191.427	4557847.946	17.1	dig	
556	ODA1	489191.55	4557829.05	6.3	dig	
557	ODA1	489191.55	4557838.95	6.8	dig	
558	ODA1	489191.6175	4557950.244	82.3	dig	
559	ODA1	489191.6175	4557907.953	9.5	dig	
560	ODA1	489191.6175	4557825.467	12.9	dig	
561	ODA1	489191.6175	4557910.239	14.3	dig	
562	ODA1	489191.6175	4557901.286	35.7	dig	
563	ODA1	489191.6175	4557837.087	13.2	dig	
564	ODA1	489191.6175	4557931.766	12.1	dig	
565	ODA1	489191.7	4557966.75	5.9	dig	
566	ODA1	489191.7	4557852.75	7.4	dig	
567	ODA1	489191.808	4557863.186	12.8	dig	
568	ODA1	489191.808	4557856.899	13.4	dig	
569	ODA1	489191.808	4557896.714	9.3	dig	
570	ODA1	489191.808	4557886.808	17.3	dig	
571	ODA1	489191.808	4557865.853	22.9	dig	
572	ODA1	489191.808	4557850.422	10.4	dig	
573	ODA1	489191.85	4557964.35	5.8	dig	
574	ODA1	489191.9985	4557888.903	130.6	dig	
575	ODA1	489191.9985	4557864.329	11.8	dig	
576	ODA1	489191.9985	4557875.949	27.2	dig	
577	ODA1	489191.9985	4557882.807	285	dig	
578	ODA1	489192.15	4557836.4	6.4	dig	
579	ODA1	489192.189	4557841.469	16.8	dig	
580	ODA1	489192.189	4557934.814	19.1	dig	
581	ODA1	489192.189	4557843.564	37.4	dig	
582	ODA1	489192.189	4557885.665	11.8	dig	
583	ODA1	489192.3	4557849.6	6.7	dig	
584	ODA1	489192.3	4557849.3	6.5	dig	
585	ODA1	489192.3795	4557834.42	13.9	dig	
586	ODA1	489192.3795	4557840.516	15.6	dig	
587	ODA1	489192.3795	4557946.625	28.1	dig	
588	ODA1	489192.3795	4557893.666	13.8	dig	
589	ODA1	489192.45	4557784.35	5.8	dig	
590	ODA1	489192.45	4557838.35	6.5	dig	
591	ODA1	489192.57	4557952.53	25.8	dig	
592	ODA1	489192.57	4557873.282	10.1	dig	
593	ODA1	489192.6	4557869.1	5.3	dig	
594	ODA1	489192.75	4557877.2	6.7	dig	
595	ODA1	489192.7605	4557880.521	15.2	dig	
596	ODA1	489192.7605	4557911.192	16.3	dig	
597	ODA1	489192.7605	4557974.819	10.2	dig	
598	ODA1	489192.7605	4557894.809	8.2	dig	
599	ODA1	489192.7605	4557931.194	11.3	dig	
600	ODA1	489192.951	4557787.367	12.1	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
601	ODA1	489193.05	4557897.15	7.5	dig	
602	ODA1	489193.1415	4557859.757	18.8	dig	
603	ODA1	489193.1415	4557966.437	374.7	dig	
604	ODA1	489193.1415	4557899	18.2	dig	
605	ODA1	489193.1415	4557845.85	38.7	dig	
606	ODA1	489193.332	4557905.286	23.6	dig	
607	ODA1	489193.332	4557874.425	15.6	dig	
608	ODA1	489193.5225	4557879.378	14.3	dig	
609	ODA1	489193.5225	4557908.715	10.8	dig	
610	ODA1	489193.5225	4557878.235	15	dig	
611	ODA1	489193.5225	4557851.946	33.1	dig	
612	ODA1	489193.713	4557934.242	8.5	dig	
613	ODA1	489193.713	4557792.129	10	dig	
614	ODA1	489193.9035	4557857.661	15.4	dig	
615	ODA1	489193.9035	4557793.463	13.1	dig	
616	ODA1	489193.9035	4557853.47	69.8	dig	
617	ODA1	489193.95	4557894.15	6.5	dig	
618	ODA1	489194.094	4557855.375	56.2	dig	
619	ODA1	489194.094	4557890.999	161.1	dig	
620	ODA1	489194.094	4557795.368	18.4	dig	
621	ODA1	489194.094	4557903.191	10.1	dig	
622	ODA1	489194.094	4557819.371	55.6	dig	
623	ODA1	489194.094	4557963.389	876.4	dig	
624	ODA1	489194.2845	4557939.005	29.9	dig	
625	ODA1	489194.2845	4557797.463	12.2	dig	
626	ODA1	489194.2845	4557877.664	15.4	dig	
627	ODA1	489194.475	4557941.862	8.6	dig	
628	ODA1	489194.475	4557885.093	196.1	dig	
629	ODA1	489194.475	4557880.521	21.4	dig	
630	ODA1	489194.55	4557941.85	7.6	dig	
631	ODA1	489194.6655	4557962.817	798.1	dig	
632	ODA1	489194.6655	4557860.709	22.5	dig	
633	ODA1	489194.7	4557959.1	6.7	dig	
634	ODA1	489194.85	4557867.15	7.9	dig	
635	ODA1	489194.856	4557952.721	1759.5	dig	
636	ODA1	489194.856	4557900.143	43.7	dig	
637	ODA1	489194.856	4557965.865	59.3	dig	
638	ODA1	489194.856	4557868.71	62.9	dig	
639	ODA1	489194.856	4557863.567	50.2	dig	
640	ODA1	489195	4557801.3	6.3	dig	
641	ODA1	489195.3	4557888.45	6.1	dig	
642	ODA1	489195.3	4557898.95	7.4	dig	
643	ODA1	489195.3	4557895.5	7	dig	
644	ODA1	489195.4275	4557851.946	29.5	dig	
645	ODA1	489195.4275	4557854.423	9.1	dig	
646	ODA1	489195.4275	4557965.103	56.1	dig	
647	ODA1	489195.4275	4557936.147	20.8	dig	
648	ODA1	489195.45	4557948	5.4	dig	
649	ODA1	489195.45	4557804.6	7.9	dig	
650	ODA1	489195.45	4557902.7	5.2	dig	
651	ODA1	489195.6	4557958.65	5.2	dig	
652	ODA1	489195.618	4557828.515	63.6	dig	
653	ODA1	489195.618	4557857.471	10.2	dig	
654	ODA1	489195.618	4557873.663	93.1	dig	
655	ODA1	489195.618	4557866.234	24.4	dig	
656	ODA1	489195.618	4557875.759	13	dig	
657	ODA1	489195.8085	4557814.227	45.5	dig	
658	ODA1	489195.8085	4557876.902	17.7	dig	
659	ODA1	489195.8085	4557825.467	1559.3	dig	
660	ODA1	489195.8085	4557820.704	25.8	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
661	ODA1	489195.9	4557888	5.9	dig	
662	ODA1	489195.999	4557842.04	298.1	dig	
663	ODA1	489195.999	4557816.323	13.5	dig	
664	ODA1	489195.999	4557807.56	17.8	dig	
665	ODA1	489195.999	4557830.801	86.1	dig	
666	ODA1	489196.05	4557849.75	5.4	dig	
667	ODA1	489196.1895	4557833.658	79.5	dig	
668	ODA1	489196.1895	4557905.096	8	dig	
669	ODA1	489196.1895	4557892.332	10.2	dig	
670	ODA1	489196.1895	4557890.618	18.8	dig	
671	ODA1	489196.1895	4557861.852	29	dig	
672	ODA1	489196.1895	4557882.998	80.5	dig	
673	ODA1	489196.1895	4557843.755	233.7	dig	
674	ODA1	489196.2	4557858.3	7.2	dig	
675	ODA1	489196.2	4557906	6.4	dig	
676	ODA1	489196.35	4557908.85	6.7	dig	
677	ODA1	489196.35	4557871.05	5.4	dig	
678	ODA1	489196.38	4557810.417	22.4	dig	
679	ODA1	489196.38	4557907.953	8.6	dig	
680	ODA1	489196.5705	4557934.433	11	dig	
681	ODA1	489196.5705	4557936.147	27.7	dig	
682	ODA1	489196.5705	4557966.627	16.8	dig	
683	ODA1	489196.65	4557835.5	7.2	dig	
684	ODA1	489196.65	4557939	6.7	dig	
685	ODA1	489196.761	4557910.43	87.7	dig	
686	ODA1	489196.761	4557945.672	12.6	dig	
687	ODA1	489196.761	4557818.418	40	dig	
688	ODA1	489196.8	4557885.15	5.9	dig	
689	ODA1	489196.95	4557895.35	7	dig	
690	ODA1	489196.95	4557968.85	7	dig	
691	ODA1	489196.95	4557894.3	7.4	dig	
692	ODA1	489196.9515	4557893.666	8.7	dig	
693	ODA1	489196.9515	4557814.799	42.6	dig	
694	ODA1	489196.9515	4557903.572	12.1	dig	
695	ODA1	489196.9515	4557897.476	17.8	dig	
696	ODA1	489196.9515	4557852.899	66.7	dig	
697	ODA1	489196.9515	4557968.913	8.9	dig	
698	ODA1	489197.1	4557912	6.8	dig	
699	ODA1	489197.1	4557904.35	6.7	dig	
700	ODA1	489197.142	4557827.753	92.8	dig	
701	ODA1	489197.142	4557837.278	17	dig	
702	ODA1	489197.25	4557863.4	5	dig	
703	ODA1	489197.25	4557906.6	6.8	dig	
704	ODA1	489197.3325	4557849.279	27.2	dig	
705	ODA1	489197.3325	4557876.14	19.4	dig	
706	ODA1	489197.3325	4557870.044	21.9	dig	
707	ODA1	489197.3325	4557822.419	10.3	dig	
708	ODA1	489197.4	4557934.95	6.6	dig	
709	ODA1	489197.4	4557880.95	5.1	dig	
710	ODA1	489197.523	4557878.426	40.6	dig	
711	ODA1	489197.523	4557888.332	14.6	dig	
712	ODA1	489197.7135	4557817.275	20	dig	
713	ODA1	489197.7135	4557813.846	33.2	dig	
714	ODA1	489197.7135	4557898.428	34.3	dig	
715	ODA1	489197.7135	4557954.245	23.6	dig	
716	ODA1	489197.7135	4557842.993	250.8	dig	
717	ODA1	489197.85	4557955.95	5.2	dig	
718	ODA1	489197.85	4557965.4	6.7	dig	
719	ODA1	489197.904	4557901.095	15.4	dig	
720	ODA1	489197.904	4557835.563	22	dig	

Interpreted Anomalies at Open Demolition Area #1
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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
721	ODA1	489198.0945	4557869.282	22.2	dig	
722	ODA1	489198.15	4557934.05	7.4	dig	
723	ODA1	489198.285	4557896.523	14.3	dig	
724	ODA1	489198.3	4557893.85	7.2	dig	
725	ODA1	489198.4755	4557973.104	35.8	dig	
726	ODA1	489198.4755	4557812.322	38.6	dig	
727	ODA1	489198.4755	4557950.816	123.9	dig	
728	ODA1	489198.4755	4557832.896	21.9	dig	
729	ODA1	489198.666	4557858.423	8.6	dig	
730	ODA1	489198.666	4557905.858	25.9	dig	
731	ODA1	489198.666	4557943.577	10.1	dig	
732	ODA1	489198.666	4557866.234	10.4	dig	
733	ODA1	489198.666	4557856.518	26.6	dig	
734	ODA1	489198.666	4557876.14	30.3	dig	
735	ODA1	489198.75	4557808.65	6.2	dig	
736	ODA1	489198.75	4557820.65	6.3	dig	
737	ODA1	489198.75	4557907.2	5.6	dig	
738	ODA1	489198.8565	4557814.989	9.1	dig	
739	ODA1	489198.8565	4557845.66	148.6	dig	
740	ODA1	489198.8565	4557846.803	168.6	dig	
741	ODA1	489198.8565	4557866.805	9.2	dig	
742	ODA1	489198.9	4557881.1	5.3	dig	
743	ODA1	489199.047	4557847.946	137.5	dig	
744	ODA1	489199.05	4557892.65	6.2	dig	
745	ODA1	489199.05	4557810.9	6.7	dig	
746	ODA1	489199.2375	4557844.326	184.6	dig	
747	ODA1	489199.2375	4557947.196	11.6	dig	
748	ODA1	489199.2375	4557900.143	19.7	dig	
749	ODA1	489199.2375	4557851.184	50.6	dig	
750	ODA1	489199.2375	4557853.28	60.8	dig	
751	ODA1	489199.35	4557952.35	5.6	dig	
752	ODA1	489199.428	4557813.084	11.2	dig	
753	ODA1	489199.428	4557860.709	21.9	dig	
754	ODA1	489199.5	4557953.1	6.4	dig	
755	ODA1	489199.6185	4557882.617	12.1	dig	
756	ODA1	489199.65	4557910.65	5.7	dig	
757	ODA1	489199.65	4557878.7	7.2	dig	
758	ODA1	489199.65	4557881.25	5.5	dig	
759	ODA1	489199.8	4557815.1	7.9	dig	
760	ODA1	489199.809	4557935.004	29.6	dig	
761	ODA1	489199.809	4557840.516	140.1	dig	
762	ODA1	489199.809	4557855.566	15.5	dig	
763	ODA1	489199.809	4557806.417	14.3	dig	
764	ODA1	489199.809	4557891.38	8.1	dig	
765	ODA1	489199.809	4557807.941	32.9	dig	
766	ODA1	489199.809	4557842.612	151.1	dig	
767	ODA1	489199.809	4557944.529	46	dig	
768	ODA1	489199.809	4557838.992	83.5	dig	
769	ODA1	489199.95	4557903.6	6.2	dig	
770	ODA1	489200.1	4557814.2	7.1	dig	
771	ODA1	489200.1	4557953.4	6.9	dig	
772	ODA1	489200.19	4557886.617	8.2	dig	
773	ODA1	489200.19	4557866.805	12.7	dig	
774	ODA1	489200.19	4557937.1	82.3	dig	
775	ODA1	489200.19	4557817.656	57.2	dig	
776	ODA1	489200.25	4557910.35	7.9	dig	
777	ODA1	489200.3805	4557872.139	44	dig	
778	ODA1	489200.3805	4557879.759	35.4	dig	
779	ODA1	489200.3805	4557887.76	12	dig	
780	ODA1	489200.4	4557880.95	6.2	dig	

Interpreted Anomalies at Open Demolition Area #1
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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
781	ODA1	489200.55	4557932.4	7.5	dig	
782	ODA1	489200.571	4557939.957	9.1	dig	
783	ODA1	489200.571	4557834.992	180	dig	
784	ODA1	489200.571	4557811.37	50.5	dig	
785	ODA1	489200.571	4557868.139	12.1	dig	
786	ODA1	489200.571	4557817.085	54.3	dig	
787	ODA1	489200.7	4557893.7	5	dig	
788	ODA1	489200.7615	4557858.995	21	dig	
789	ODA1	489200.7615	4557813.084	9.9	dig	
790	ODA1	489200.85	4557863.7	6.3	dig	
791	ODA1	489200.85	4557958.35	6.4	dig	
792	ODA1	489201	4557861.9	6.9	dig	
793	ODA1	489201.1425	4557937.671	89.7	dig	
794	ODA1	489201.3	4557892.05	5.5	dig	
795	ODA1	489201.333	4557848.327	25.9	dig	
796	ODA1	489201.45	4557894.75	6	dig	
797	ODA1	489201.45	4557895.2	5.9	dig	
798	ODA1	489201.45	4557897.3	7.2	dig	
799	ODA1	489201.45	4557888.75	7.3	dig	
800	ODA1	489201.5235	4557893.475	12	dig	
801	ODA1	489201.5235	4557808.893	61.6	dig	
802	ODA1	489201.5235	4557858.995	15.5	dig	
803	ODA1	489201.5235	4557869.282	25.4	dig	
804	ODA1	489201.714	4557823.371	56	dig	
805	ODA1	489201.714	4557885.474	16.3	dig	
806	ODA1	489201.714	4557830.42	160.1	dig	
807	ODA1	489201.714	4557866.234	11	dig	
808	ODA1	489201.9	4557941.1	5.5	dig	
809	ODA1	489201.9045	4557964.341	22.6	dig	
810	ODA1	489201.9045	4557971.39	20.4	dig	
811	ODA1	489201.9045	4557848.898	33.4	dig	
812	ODA1	489201.9045	4557852.708	35.1	dig	
813	ODA1	489202.05	4557856.8	6.9	dig	
814	ODA1	489202.095	4557883.76	9.2	dig	
815	ODA1	489202.095	4557842.421	22	dig	
816	ODA1	489202.095	4557864.9	12.8	dig	
817	ODA1	489202.095	4557888.903	12.1	dig	
818	ODA1	489202.2	4557883.8	7.9	dig	
819	ODA1	489202.2855	4557952.149	8.9	dig	
820	ODA1	489202.2855	4557818.609	231.8	dig	
821	ODA1	489202.35	4557897.6	7.8	dig	
822	ODA1	489202.35	4557886.05	7.8	dig	
823	ODA1	489202.35	4557960	5.4	dig	
824	ODA1	489202.476	4557806.417	17.5	dig	
825	ODA1	489202.5	4557904.5	7.2	dig	
826	ODA1	489202.6665	4557850.613	17.9	dig	
827	ODA1	489202.6665	4557970.437	9	dig	
828	ODA1	489202.6665	4557834.23	105.9	dig	
829	ODA1	489202.6665	4557838.23	38.9	dig	
830	ODA1	489202.6665	4557819.752	189	dig	
831	ODA1	489202.6665	4557857.471	8.9	dig	
832	ODA1	489202.857	4557896.333	20.3	dig	
833	ODA1	489202.857	4557898.047	10	dig	
834	ODA1	489202.95	4557901.5	7.5	dig	
835	ODA1	489203.0475	4557809.655	11.8	dig	
836	ODA1	489203.0475	4557859.376	25.1	dig	
837	ODA1	489203.1	4557947.1	5.6	dig	
838	ODA1	489203.238	4557835.563	96.3	dig	
839	ODA1	489203.238	4557844.898	41.4	dig	
840	ODA1	489203.4	4557852.15	6.7	dig	

Interpreted Anomalies at Open Demolition Area #1
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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
841	ODA1	489203.4	4557882.6	5.7	dig	
842	ODA1	489203.4	4557853.35	7.7	dig	
843	ODA1	489203.4285	4557853.28	9.1	dig	
844	ODA1	489203.4285	4557971.199	28.9	dig	
845	ODA1	489203.4285	4557875.759	98	dig	
846	ODA1	489203.4285	4557822.609	108.4	dig	
847	ODA1	489203.4285	4557848.136	19.9	dig	
848	ODA1	489203.4285	4557841.278	55.4	dig	
849	ODA1	489203.4285	4557934.052	26.7	dig	
850	ODA1	489203.55	4557937.65	5.2	dig	
851	ODA1	489203.619	4557866.043	19.9	dig	
852	ODA1	489203.619	4557895.761	19.2	dig	
853	ODA1	489203.619	4557860.709	43.3	dig	
854	ODA1	489203.619	4557940.529	13.7	dig	
855	ODA1	489203.7	4557899.55	7.2	dig	
856	ODA1	489203.8095	4557808.131	16.3	dig	
857	ODA1	489203.8095	4557949.101	16.2	dig	
858	ODA1	489203.8095	4557900.524	15	dig	
859	ODA1	489203.8095	4557833.087	110.4	dig	
860	ODA1	489203.8095	4557806.226	17.5	dig	
861	ODA1	489203.85	4557944.1	6.5	dig	
862	ODA1	489203.85	4557963.3	6	dig	
863	ODA1	489204	4557955.197	8.6	dig	
864	ODA1	489204	4557870.996	127.1	dig	
865	ODA1	489204.1905	4557893.094	10.5	dig	
866	ODA1	489204.1905	4557792.32	80.7	dig	
867	ODA1	489204.1905	4557815.18	203.6	dig	
868	ODA1	489204.381	4557839.183	98.7	dig	
869	ODA1	489204.381	4557861.281	44.1	dig	
870	ODA1	489204.381	4557850.994	8.9	dig	
871	ODA1	489204.381	4557867.567	28	dig	
872	ODA1	489204.45	4557812.4	6.3	dig	
873	ODA1	489204.5715	4557836.325	57.7	dig	
874	ODA1	489204.5715	4557825.086	63.2	dig	
875	ODA1	489204.6	4557863.25	7.6	dig	
876	ODA1	489204.762	4557965.675	14.7	dig	
877	ODA1	489204.762	4557843.374	54.9	dig	
878	ODA1	489204.762	4557959.579	21.6	dig	
879	ODA1	489204.762	4557894.809	9.8	dig	
880	ODA1	489204.9525	4557879.759	21.8	dig	
881	ODA1	489204.9525	4557883.569	33.8	dig	
882	ODA1	489204.9525	4557840.897	60.9	dig	
883	ODA1	489204.9525	4557784.89	81.6	dig	
884	ODA1	489204.9525	4557890.999	10.4	dig	
885	ODA1	489205.143	4557803.94	9.8	dig	
886	ODA1	489205.143	4557849.089	38.3	dig	
887	ODA1	489205.143	4557904.524	13	dig	
888	ODA1	489205.143	4557857.09	60.6	dig	
889	ODA1	489205.143	4557896.714	14.6	dig	
890	ODA1	489205.143	4557788.319	123.2	dig	
891	ODA1	489205.143	4557791.177	195.6	dig	
892	ODA1	489205.2	4557943.95	5.1	dig	
893	ODA1	489205.3335	4557876.14	70.4	dig	
894	ODA1	489205.3335	4557869.472	72.5	dig	
895	ODA1	489205.3335	4557806.798	88.4	dig	
896	ODA1	489205.3335	4557874.044	23.6	dig	
897	ODA1	489205.35	4557951.75	5.8	dig	
898	ODA1	489205.524	4557841.85	94.8	dig	
899	ODA1	489205.65	4557970.5	7.6	dig	
900	ODA1	489205.65	4557889.2	5.5	dig	

Interpreted Anomalies at Open Demolition Area #1
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Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
901	ODA1	489205.7145	4557845.85	52.5	dig	
902	ODA1	489205.7145	4557779.747	314.3	dig	
903	ODA1	489205.7145	4557855.185	9.2	dig	
904	ODA1	489205.7145	4557847.946	39	dig	
905	ODA1	489205.8	4557972.75	5.7	dig	
906	ODA1	489205.905	4557882.236	39.7	dig	
907	ODA1	489206.0955	4557858.804	35.6	dig	
908	ODA1	489206.0955	4557830.801	56.6	dig	
909	ODA1	489206.0955	4557903.381	13.1	dig	
910	ODA1	489206.0955	4557945.482	8.1	dig	
911	ODA1	489206.0955	4557813.846	16.6	dig	
912	ODA1	489206.0955	4557880.902	47.2	dig	
913	ODA1	489206.25	4557958.35	6.5	dig	
914	ODA1	489206.286	4557826.038	64.7	dig	
915	ODA1	489206.286	4557772.889	30.5	dig	
916	ODA1	489206.286	4557819.752	288.8	dig	
917	ODA1	489206.4	4557966.9	7.3	dig	
918	ODA1	489206.4	4557969.75	7.4	dig	
919	ODA1	489206.4765	4557884.903	154.7	dig	
920	ODA1	489206.4765	4557851.184	69.3	dig	
921	ODA1	489206.55	4557898.65	7.8	dig	
922	ODA1	489206.667	4557810.417	139.6	dig	
923	ODA1	489206.667	4557794.796	106.4	dig	
924	ODA1	489206.7	4557903.9	5.6	dig	
925	ODA1	489206.85	4557901.8	5.6	dig	
926	ODA1	489206.8575	4557838.802	71.8	dig	
927	ODA1	489206.8575	4557880.331	50.6	dig	
928	ODA1	489206.8575	4557812.132	81	dig	
929	ODA1	489206.8575	4557804.131	15.6	dig	
930	ODA1	489206.8575	4557821.657	201.6	dig	
931	ODA1	489207	4557936.6	7.3	dig	
932	ODA1	489207.048	4557868.901	113.6	dig	
933	ODA1	489207.048	4557898.809	9.3	dig	
934	ODA1	489207.15	4557944.55	6	dig	
935	ODA1	489207.2385	4557834.42	96	dig	
936	ODA1	489207.2385	4557897.285	15.6	dig	
937	ODA1	489207.2385	4557890.427	9.6	dig	
938	ODA1	489207.2385	4557765.459	16.7	dig	
939	ODA1	489207.2385	4557849.279	33	dig	
940	ODA1	489207.3	4557939.3	6.2	dig	
941	ODA1	489207.3	4557901.65	5.7	dig	
942	ODA1	489207.3	4557890.55	7.7	dig	
943	ODA1	489207.3	4557898.65	7.8	dig	
944	ODA1	489207.6	4557798.9	5.5	dig	
945	ODA1	489207.6195	4557866.805	72.7	dig	
946	ODA1	489207.6195	4557816.894	98.7	dig	
947	ODA1	489207.6195	4557931.004	12.8	dig	
948	ODA1	489207.6195	4557908.906	17.7	dig	
949	ODA1	489207.75	4557953.7	6.2	dig	
950	ODA1	489207.81	4557876.33	459.5	dig	
951	ODA1	489207.81	4557969.104	15.3	dig	
952	ODA1	489207.81	4557797.273	123.7	dig	
953	ODA1	489207.81	4557795.939	159.2	dig	
954	ODA1	489208.0005	4557963.579	12.5	dig	
955	ODA1	489208.0005	4557870.425	192.3	dig	
956	ODA1	489208.0005	4557857.661	70.9	dig	
957	ODA1	489208.0005	4557843.374	37.8	dig	
958	ODA1	489208.191	4557860.328	30.9	dig	
959	ODA1	489208.191	4557813.465	27.2	dig	
960	ODA1	489208.191	4557861.662	39.2	dig	

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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
961	ODA1	489208.191	4557808.131	132.5	dig	
962	ODA1	489208.191	4557830.991	71.3	dig	
963	ODA1	489208.2	4557865.2	7	dig	
964	ODA1	489208.3815	4557865.281	8	dig	
965	ODA1	489208.3815	4557791.939	119.8	dig	
966	ODA1	489208.3815	4557847.946	54.3	dig	
967	ODA1	489208.3815	4557867.567	62.1	dig	
968	ODA1	489208.3815	4557819.561	54	dig	
969	ODA1	489208.572	4557967.389	47.2	dig	
970	ODA1	489208.572	4557833.087	137.3	dig	
971	ODA1	489208.572	4557966.627	28.7	dig	
972	ODA1	489208.572	4557877.664	442.1	dig	
973	ODA1	489208.65	4557957.15	7.9	dig	
974	ODA1	489208.65	4557947.1	6.9	dig	
975	ODA1	489208.7625	4557826.991	121	dig	
976	ODA1	489208.7625	4557884.712	25.4	dig	
977	ODA1	489208.7625	4557845.66	38.6	dig	
978	ODA1	489208.7625	4557849.279	49.6	dig	
979	ODA1	489208.953	4557863.186	36.1	dig	
980	ODA1	489208.953	4557821.847	186	dig	
981	ODA1	489208.953	4557818.609	84.8	dig	
982	ODA1	489209.1	4557905.55	5.6	dig	
983	ODA1	489209.1435	4557810.608	294.1	dig	
984	ODA1	489209.1435	4557873.282	219.5	dig	
985	ODA1	489209.1435	4557806.798	153.9	dig	
986	ODA1	489209.25	4557935.85	6	dig	
987	ODA1	489209.334	4557836.516	95	dig	
988	ODA1	489209.4	4557947.25	7.4	dig	
989	ODA1	489209.5245	4557854.042	18.8	dig	
990	ODA1	489209.5245	4557856.137	29.6	dig	
991	ODA1	489209.7	4557967.35	6.1	dig	
992	ODA1	489209.715	4557969.675	37.4	dig	
993	ODA1	489209.715	4557860.138	33.2	dig	
994	ODA1	489209.715	4557857.661	21	dig	
995	ODA1	489209.715	4557904.905	12.2	dig	
996	ODA1	489209.715	4557968.723	12.1	dig	
997	ODA1	489209.9055	4557933.29	8.2	dig	
998	ODA1	489209.9055	4557958.626	18.9	dig	
999	ODA1	489210.096	4557851.565	23.7	dig	
1000	ODA1	489210.096	4557880.14	205.5	dig	
1001	ODA1	489210.096	4557816.513	99.9	dig	
1002	ODA1	489210.096	4557782.033	298.2	dig	
1003	ODA1	489210.2865	4557912.716	18.7	dig	
1004	ODA1	489210.2865	4557792.32	199.8	dig	
1005	ODA1	489210.2865	4557851.184	24	dig	
1006	ODA1	489210.2865	4557826.038	72.1	dig	
1007	ODA1	489210.2865	4557834.801	139.2	dig	
1008	ODA1	489210.45	4557896.25	7.4	dig	
1009	ODA1	489210.477	4557896.142	9	dig	
1010	ODA1	489210.477	4557866.424	23.5	dig	
1011	ODA1	489210.477	4557824.133	21.5	dig	
1012	ODA1	489210.477	4557867.758	25.5	dig	
1013	ODA1	489210.477	4557872.901	200.3	dig	
1014	ODA1	489210.477	4557796.13	211	dig	
1015	ODA1	489210.477	4557801.083	86.5	dig	
1016	ODA1	489210.6675	4557813.656	173.2	dig	
1017	ODA1	489210.6675	4557911.001	12.7	dig	
1018	ODA1	489210.6675	4557802.988	72.7	dig	
1019	ODA1	489210.6675	4557898.428	13.9	dig	
1020	ODA1	489210.6675	4557903.953	8.1	dig	

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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
1021	ODA1	489210.75	4557903.9	6.1	dig	
1022	ODA1	489210.858	4557794.225	205.6	dig	
1023	ODA1	489210.858	4557871.377	265.3	dig	
1024	ODA1	489210.858	4557835.944	125	dig	
1025	ODA1	489210.858	4557820.323	49.5	dig	
1026	ODA1	489210.858	4557818.799	54.2	dig	
1027	ODA1	489210.858	4557863.567	108.6	dig	
1028	ODA1	489210.9	4557963	7.6	dig	
1029	ODA1	489210.9	4557960.3	5.3	dig	
1030	ODA1	489211.0485	4557875.759	175.1	dig	
1031	ODA1	489211.0485	4557884.712	29.5	dig	
1032	ODA1	489211.0485	4557850.422	27.6	dig	
1033	ODA1	489211.05	4557882.6	5.9	dig	
1034	ODA1	489211.2	4557894	5.6	dig	
1035	ODA1	489211.239	4557856.899	18.8	dig	
1036	ODA1	489211.239	4557811.37	96.3	dig	
1037	ODA1	489211.239	4557828.134	175.9	dig	
1038	ODA1	489211.239	4557808.893	104.5	dig	
1039	ODA1	489211.239	4557831.372	214.8	dig	
1040	ODA1	489211.239	4557840.516	214.2	dig	
1041	ODA1	489211.239	4557892.142	15.4	dig	
1042	ODA1	489211.239	4557797.273	242.8	dig	
1043	ODA1	489211.239	4557900.333	12.7	dig	
1044	ODA1	489211.4295	4557904.905	9	dig	
1045	ODA1	489211.4295	4557902.619	9.4	dig	
1046	ODA1	489211.5	4557904.8	7	dig	
1047	ODA1	489211.5	4557906	5.7	dig	
1048	ODA1	489211.62	4557833.658	186	dig	
1049	ODA1	489211.65	4557955.65	5.4	dig	
1050	ODA1	489211.65	4557951.15	5.9	dig	
1051	ODA1	489211.8105	4557804.893	17	dig	
1052	ODA1	489211.8105	4557844.326	186.5	dig	
1053	ODA1	489211.95	4557897.75	7.4	dig	
1054	ODA1	489212.001	4557874.997	224.2	dig	
1055	ODA1	489212.001	4557859.947	30.8	dig	
1056	ODA1	489212.001	4557893.475	12.2	dig	
1057	ODA1	489212.001	4557794.415	107.2	dig	
1058	ODA1	489212.001	4557887.189	10.4	dig	
1059	ODA1	489212.1915	4557789.843	108.6	dig	
1060	ODA1	489212.1915	4557959.388	9.6	dig	
1061	ODA1	489212.1915	4557787.557	30.3	dig	
1062	ODA1	489212.1915	4557807.369	140.3	dig	
1063	ODA1	489212.1915	4557848.136	47	dig	
1064	ODA1	489212.382	4557878.997	30.2	dig	
1065	ODA1	489212.382	4557837.468	180	dig	
1066	ODA1	489212.382	4557821.657	42.4	dig	
1067	ODA1	489212.382	4557785.843	36.1	dig	
1068	ODA1	489212.55	4557890.1	6.1	dig	
1069	ODA1	489212.5725	4557850.994	27.1	dig	
1070	ODA1	489212.763	4557865.472	27.3	dig	
1071	ODA1	489212.763	4557774.413	11.8	dig	
1072	ODA1	489212.763	4557862.995	139.7	dig	
1073	ODA1	489212.763	4557773.651	12.2	dig	
1074	ODA1	489212.763	4557770.603	12.6	dig	
1075	ODA1	489212.85	4557766.2	7	dig	
1076	ODA1	489212.85	4557766.95	5.4	dig	
1077	ODA1	489212.9535	4557795.749	104	dig	
1078	ODA1	489212.9535	4557817.656	50.2	dig	
1079	ODA1	489212.9535	4557814.418	38.7	dig	
1080	ODA1	489212.9535	4557769.269	20.6	dig	

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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
1081	ODA1	489213.144	4557881.474	22.5	dig	
1082	ODA1	489213.15	4557888.15	6	dig	
1083	ODA1	489213.3345	4557883.188	10.1	dig	
1084	ODA1	489213.525	4557855.566	16.2	dig	
1085	ODA1	489213.525	4557786.795	88.2	dig	
1086	ODA1	489213.525	4557912.716	35.4	dig	
1087	ODA1	489213.525	4557911.001	18.1	dig	
1088	ODA1	489213.7155	4557867.377	23.8	dig	
1089	ODA1	489213.7155	4557942.434	17.9	dig	
1090	ODA1	489213.7155	4557856.709	52.6	dig	
1091	ODA1	489213.7155	4557873.092	133.1	dig	
1092	ODA1	489213.7155	4557832.706	46.1	dig	
1093	ODA1	489213.7155	4557854.042	53.5	dig	
1094	ODA1	489213.7155	4557858.995	14	dig	
1095	ODA1	489213.7155	4557903	9.5	dig	
1096	ODA1	489213.906	4557866.234	24.2	dig	
1097	ODA1	489213.906	4557861.281	32.6	dig	
1098	ODA1	489213.906	4557964.341	20.9	dig	
1099	ODA1	489213.906	4557797.273	160.2	dig	
1100	ODA1	489213.906	4557816.513	69.1	dig	
1101	ODA1	489213.906	4557850.232	29.2	dig	
1102	ODA1	489213.906	4557783.176	284.8	dig	
1103	ODA1	489214.0965	4557805.464	818.1	dig	
1104	ODA1	489214.0965	4557810.417	187.8	dig	
1105	ODA1	489214.287	4557823.181	66	dig	
1106	ODA1	489214.287	4557802.416	187.2	dig	
1107	ODA1	489214.287	4557836.135	340	dig	
1108	ODA1	489214.35	4557903	6.3	dig	
1109	ODA1	489214.4775	4557817.847	48	dig	
1110	ODA1	489214.4775	4557868.901	12.3	dig	
1111	ODA1	489214.4775	4557815.37	68.2	dig	
1112	ODA1	489214.65	4557882.15	5.3	dig	
1113	ODA1	489214.668	4557847.755	37.5	dig	
1114	ODA1	489214.668	4557808.703	156.3	dig	
1115	ODA1	489214.668	4557959.198	566.2	dig	
1116	ODA1	489214.8585	4557843.755	31.8	dig	
1117	ODA1	489214.8585	4557839.754	25.8	dig	
1118	ODA1	489214.95	4557957.45	6.5	dig	
1119	ODA1	489214.95	4557897.9	7.3	dig	
1120	ODA1	489215.049	4557865.853	31.4	dig	
1121	ODA1	489215.1	4557857.7	5.9	dig	
1122	ODA1	489215.2395	4557787.557	47.6	dig	
1123	ODA1	489215.2395	4557813.656	52	dig	
1124	ODA1	489215.2395	4557831.182	25.3	dig	
1125	ODA1	489215.2395	4557791.177	524.4	dig	
1126	ODA1	489215.43	4557883.569	10	dig	
1127	ODA1	489215.43	4557785.843	21.6	dig	
1128	ODA1	489215.43	4557820.514	78	dig	
1129	ODA1	489215.43	4557874.235	10.5	dig	
1130	ODA1	489215.55	4557966.75	7.9	dig	
1131	ODA1	489215.55	4557841.2	5.6	dig	
1132	ODA1	489215.6205	4557887.951	13.6	dig	
1133	ODA1	489215.7	4557951.3	6.7	dig	
1134	ODA1	489215.811	4557955.769	8.2	dig	
1135	ODA1	489215.811	4557860.328	68.3	dig	
1136	ODA1	489215.811	4557892.713	10.1	dig	
1137	ODA1	489215.811	4557898.047	10.3	dig	
1138	ODA1	489215.811	4557938.624	12.2	dig	
1139	ODA1	489216	4557948.6	5.6	dig	
1140	ODA1	489216.0015	4557870.996	31.8	dig	

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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
1141	ODA1	489216.0015	4557879.95	14	dig	
1142	ODA1	489216.0015	4557786.033	23	dig	
1143	ODA1	489216.0015	4557875.187	9.1	dig	
1144	ODA1	489216.0015	4557815.751	106.4	dig	
1145	ODA1	489216.15	4557960.45	5.7	dig	
1146	ODA1	489216.15	4557788.55	5.4	dig	
1147	ODA1	489216.15	4557910.8	5.9	dig	
1148	ODA1	489216.192	4557854.232	62.9	dig	
1149	ODA1	489216.192	4557796.32	26.7	dig	
1150	ODA1	489216.192	4557827.562	36.4	dig	
1151	ODA1	489216.192	4557968.913	37.4	dig	
1152	ODA1	489216.192	4557791.367	467.7	dig	
1153	ODA1	489216.3825	4557802.988	62.7	dig	
1154	ODA1	489216.3825	4557834.611	27.8	dig	
1155	ODA1	489216.3825	4557816.513	110.8	dig	
1156	ODA1	489216.573	4557856.518	54.6	dig	
1157	ODA1	489216.573	4557878.426	11.2	dig	
1158	ODA1	489216.573	4557794.987	21.4	dig	
1159	ODA1	489216.573	4557850.041	44.9	dig	
1160	ODA1	489216.6	4557905.85	6	dig	
1161	ODA1	489216.7635	4557818.037	100.1	dig	
1162	ODA1	489216.7635	4557869.472	24.6	dig	
1163	ODA1	489216.7635	4557798.225	10.5	dig	
1164	ODA1	489216.7635	4557868.139	21.5	dig	
1165	ODA1	489216.7635	4557858.423	13.1	dig	
1166	ODA1	489216.7635	4557810.036	90.6	dig	
1167	ODA1	489216.7635	4557824.133	51.2	dig	
1168	ODA1	489216.9	4557812.85	6.6	dig	
1169	ODA1	489216.954	4557861.852	40.5	dig	
1170	ODA1	489216.954	4557848.136	34.4	dig	
1171	ODA1	489216.954	4557833.277	115.3	dig	
1172	ODA1	489216.954	4557907.191	16.2	dig	
1173	ODA1	489217.1445	4557896.714	15.7	dig	
1174	ODA1	489217.1445	4557835.754	34.1	dig	
1175	ODA1	489217.1445	4557907.953	20.3	dig	
1176	ODA1	489217.1445	4557895.38	20.4	dig	
1177	ODA1	489217.335	4557841.278	14.5	dig	
1178	ODA1	489217.335	4557864.519	38.6	dig	
1179	ODA1	489217.335	4557827.181	21.5	dig	
1180	ODA1	489217.335	4557819.371	83.6	dig	
1181	ODA1	489217.335	4557839.373	27.7	dig	
1182	ODA1	489217.335	4557939.957	49.3	dig	
1183	ODA1	489217.335	4557876.33	8.9	dig	
1184	ODA1	489217.5255	4557860.709	32.4	dig	
1185	ODA1	489217.5255	4557825.657	29.4	dig	
1186	ODA1	489217.5255	4557955.578	744.3	dig	
1187	ODA1	489217.65	4557880.5	5.6	dig	
1188	ODA1	489217.65	4557831.45	6.5	dig	
1189	ODA1	489217.716	4557843.755	17.2	dig	
1190	ODA1	489217.716	4557830.42	17.9	dig	
1191	ODA1	489217.716	4557820.704	90.7	dig	
1192	ODA1	489217.8	4557879.3	6.6	dig	
1193	ODA1	489217.9065	4557786.795	32.4	dig	
1194	ODA1	489217.9065	4557891.951	23.2	dig	
1195	ODA1	489217.9065	4557963.389	39.1	dig	
1196	ODA1	489218.097	4557910.62	10.9	dig	
1197	ODA1	489218.097	4557857.09	10.5	dig	
1198	ODA1	489218.25	4557812.7	7.8	dig	
1199	ODA1	489218.2875	4557943.196	17.3	dig	
1200	ODA1	489218.2875	4557841.85	20.7	dig	

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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
1201	ODA1	489218.2875	4557866.805	22.4	dig	
1202	ODA1	489218.2875	4557799.94	19.5	dig	
1203	ODA1	489218.2875	4557806.988	31.2	dig	
1204	ODA1	489218.4	4557832.05	5.3	dig	
1205	ODA1	489218.4	4557812.25	7.6	dig	
1206	ODA1	489218.4	4557828.75	6.8	dig	
1207	ODA1	489218.478	4557874.044	18.8	dig	
1208	ODA1	489218.478	4557838.611	15.1	dig	
1209	ODA1	489218.478	4557899.571	45.7	dig	
1210	ODA1	489218.478	4557783.938	165.6	dig	
1211	ODA1	489218.478	4557805.464	20.6	dig	
1212	ODA1	489218.478	4557801.464	21.4	dig	
1213	ODA1	489218.6685	4557788.319	11.9	dig	
1214	ODA1	489218.6685	4557836.516	33.2	dig	
1215	ODA1	489218.6685	4557840.516	34.4	dig	
1216	ODA1	489218.85	4557942	7.3	dig	
1217	ODA1	489218.85	4557857.7	7.4	dig	
1218	ODA1	489218.85	4557887.4	6.3	dig	
1219	ODA1	489218.859	4557810.798	37.9	dig	
1220	ODA1	489218.859	4557859.376	21.4	dig	
1221	ODA1	489218.859	4557896.142	11	dig	
1222	ODA1	489218.859	4557798.416	30.6	dig	
1223	ODA1	489219	4557816.6	5.6	dig	
1224	ODA1	489219	4557813.75	6.3	dig	
1225	ODA1	489219.0495	4557880.902	10.1	dig	
1226	ODA1	489219.0495	4557871.949	20.1	dig	
1227	ODA1	489219.0495	4557869.282	28.9	dig	
1228	ODA1	489219.0495	4557960.15	9.2	dig	
1229	ODA1	489219.15	4557828.6	5.4	dig	
1230	ODA1	489219.3	4557888.15	6.4	dig	
1231	ODA1	489219.3	4557884.7	5.3	dig	
1232	ODA1	489219.4305	4557891.951	17.7	dig	
1233	ODA1	489219.4305	4557844.707	50.8	dig	
1234	ODA1	489219.4305	4557875.759	13.7	dig	
1235	ODA1	489219.4305	4557859.757	20.8	dig	
1236	ODA1	489219.4305	4557814.799	8.4	dig	
1237	ODA1	489219.45	4557854.25	6.1	dig	
1238	ODA1	489219.45	4557893.25	7.9	dig	
1239	ODA1	489219.621	4557822.99	58.8	dig	
1240	ODA1	489219.621	4557893.475	8.8	dig	
1241	ODA1	489219.621	4557819.942	18.6	dig	
1242	ODA1	489219.621	4557814.227	8.9	dig	
1243	ODA1	489219.75	4557814.95	7.6	dig	
1244	ODA1	489219.75	4557905.55	6.7	dig	
1245	ODA1	489219.75	4557938.55	7.7	dig	
1246	ODA1	489219.8115	4557862.043	23.7	dig	
1247	ODA1	489219.8115	4557786.224	39.3	dig	
1248	ODA1	489219.8115	4557802.416	24.3	dig	
1249	ODA1	489219.8115	4557795.177	253.1	dig	
1250	ODA1	489219.8115	4557808.703	30.9	dig	
1251	ODA1	489219.9	4557907.35	7.4	dig	
1252	ODA1	489219.9	4557958.95	6.9	dig	
1253	ODA1	489219.9	4557910.05	6.9	dig	
1254	ODA1	489220.002	4557882.617	8.3	dig	
1255	ODA1	489220.002	4557958.055	12.1	dig	
1256	ODA1	489220.002	4557875.187	13.8	dig	
1257	ODA1	489220.002	4557952.911	138.2	dig	
1258	ODA1	489220.002	4557835.754	29.2	dig	
1259	ODA1	489220.002	4557832.896	20	dig	
1260	ODA1	489220.002	4557951.578	8.3	dig	

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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
1261	ODA1	489220.002	4557830.801	16.4	dig	
1262	ODA1	489220.05	4557882.6	6.9	dig	
1263	ODA1	489220.05	4557873.15	6.4	dig	
1264	ODA1	489220.05	4557910.65	6.3	dig	
1265	ODA1	489220.05	4557874.2	5.1	dig	
1266	ODA1	489220.1925	4557846.231	28.4	dig	
1267	ODA1	489220.1925	4557840.516	14.4	dig	
1268	ODA1	489220.1925	4557801.273	24.7	dig	
1269	ODA1	489220.1925	4557854.042	8.5	dig	
1270	ODA1	489220.1925	4557967.961	9	dig	
1271	ODA1	489220.1925	4557886.427	8.6	dig	
1272	ODA1	489220.2	4557886.5	7.6	dig	
1273	ODA1	489220.2	4557854.1	6.9	dig	
1274	ODA1	489220.35	4557939	7.3	dig	
1275	ODA1	489220.383	4557876.711	26.4	dig	
1276	ODA1	489220.383	4557954.245	25.1	dig	
1277	ODA1	489220.5	4557895.05	7.3	dig	
1278	ODA1	489220.5	4557947.1	7.8	dig	
1279	ODA1	489220.5735	4557903.381	15.8	dig	
1280	ODA1	489220.5735	4557828.134	68.4	dig	
1281	ODA1	489220.5735	4557869.663	48.1	dig	
1282	ODA1	489220.5735	4557866.234	34.9	dig	
1283	ODA1	489220.5735	4557810.036	27	dig	
1284	ODA1	489220.5735	4557863.567	9.5	dig	
1285	ODA1	489220.5735	4557811.941	13.1	dig	
1286	ODA1	489220.5735	4557805.845	12.2	dig	
1287	ODA1	489220.65	4557813.3	5.6	dig	
1288	ODA1	489220.764	4557887.76	10.7	dig	
1289	ODA1	489220.764	4557912.906	38.8	dig	
1290	ODA1	489220.764	4557881.474	9.1	dig	
1291	ODA1	489220.8	4557881.4	7.6	dig	
1292	ODA1	489220.95	4557884.55	6	dig	
1293	ODA1	489220.9545	4557850.041	137.2	dig	
1294	ODA1	489220.9545	4557838.802	11.6	dig	
1295	ODA1	489220.9545	4557789.653	44.6	dig	
1296	ODA1	489221.1	4557863.55	7.7	dig	
1297	ODA1	489221.1	4557938.25	7.7	dig	
1298	ODA1	489221.1	4557933.15	5.8	dig	
1299	ODA1	489221.145	4557899.381	31.3	dig	
1300	ODA1	489221.145	4557943.767	141.6	dig	
1301	ODA1	489221.145	4557898.809	26.2	dig	
1302	ODA1	489221.145	4557861.471	14.1	dig	
1303	ODA1	489221.145	4557841.659	23.3	dig	
1304	ODA1	489221.145	4557796.892	150.6	dig	
1305	ODA1	489221.25	4557910.65	6.2	dig	
1306	ODA1	489221.3355	4557812.894	12.4	dig	
1307	ODA1	489221.3355	4557946.625	9.2	dig	
1308	ODA1	489221.3355	4557905.667	24.4	dig	
1309	ODA1	489221.526	4557829.848	37.4	dig	
1310	ODA1	489221.526	4557816.894	13.8	dig	
1311	ODA1	489221.526	4557955.959	8.9	dig	
1312	ODA1	489221.526	4557871.377	32	dig	
1313	ODA1	489221.55	4557814.35	6.3	dig	
1314	ODA1	489221.85	4557938.85	7.9	dig	
1315	ODA1	489221.907	4557858.995	11.9	dig	
1316	ODA1	489221.907	4557790.796	20.8	dig	
1317	ODA1	489221.907	4557902.81	30.6	dig	
1318	ODA1	489221.907	4557810.036	28.5	dig	
1319	ODA1	489221.907	4557894.237	18.9	dig	
1320	ODA1	489222	4557815.1	6.7	dig	

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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
1321	ODA1	489222.0975	4557819.561	39.5	dig	
1322	ODA1	489222.0975	4557792.51	28.6	dig	
1323	ODA1	489222.0975	4557812.132	13.3	dig	
1324	ODA1	489222.0975	4557900.524	14.2	dig	
1325	ODA1	489222.0975	4557806.226	25.1	dig	
1326	ODA1	489222.288	4557875.378	13.6	dig	
1327	ODA1	489222.288	4557947.577	15.5	dig	
1328	ODA1	489222.288	4557956.912	69.2	dig	
1329	ODA1	489222.288	4557790.224	17.2	dig	
1330	ODA1	489222.45	4557836.25	5.5	dig	
1331	ODA1	489222.4785	4557845.279	48.3	dig	
1332	ODA1	489222.4785	4557852.899	27	dig	
1333	ODA1	489222.4785	4557935.766	18.8	dig	
1334	ODA1	489222.4785	4557840.135	21.9	dig	
1335	ODA1	489222.669	4557837.468	18.3	dig	
1336	ODA1	489222.669	4557803.369	36.6	dig	
1337	ODA1	489222.75	4557904.05	7	dig	
1338	ODA1	489222.75	4557905.4	5.5	dig	
1339	ODA1	489222.9	4557876	7.5	dig	
1340	ODA1	489223.05	4557938.243	11.7	dig	
1341	ODA1	489223.05	4557940.91	9.7	dig	
1342	ODA1	489223.05	4557910.43	38.8	dig	
1343	ODA1	489223.05	4557822.228	51.5	dig	
1344	ODA1	489223.05	4557864.138	13.5	dig	
1345	ODA1	489223.2	4557873.9	7.4	dig	
1346	ODA1	489223.2	4557879.75	7.6	dig	
1347	ODA1	489223.2405	4557895.952	9.6	dig	
1348	ODA1	489223.2405	4557900.524	11.2	dig	
1349	ODA1	489223.2405	4557834.611	21.2	dig	
1350	ODA1	489223.2405	4557879.569	9.1	dig	
1351	ODA1	489223.2405	4557888.141	11.4	dig	
1352	ODA1	489223.2405	4557838.802	15.2	dig	
1353	ODA1	489223.35	4557858.45	5.1	dig	
1354	ODA1	489223.35	4557942.3	5.2	dig	
1355	ODA1	489223.35	4557895.95	7.9	dig	
1356	ODA1	489223.431	4557790.986	18.8	dig	
1357	ODA1	489223.431	4557868.139	16	dig	
1358	ODA1	489223.431	4557804.893	29.5	dig	
1359	ODA1	489223.431	4557800.511	348.9	dig	
1360	ODA1	489223.431	4557794.415	774.5	dig	
1361	ODA1	489223.431	4557889.475	18.7	dig	
1362	ODA1	489223.431	4557862.614	28.3	dig	
1363	ODA1	489223.5	4557860.4	6.9	dig	
1364	ODA1	489223.6215	4557872.139	23.7	dig	
1365	ODA1	489223.6215	4557865.853	17.4	dig	
1366	ODA1	489223.8	4557961.8	7.3	dig	
1367	ODA1	489223.812	4557878.997	11.2	dig	
1368	ODA1	489223.812	4557816.894	15.4	dig	
1369	ODA1	489223.812	4557952.911	48.9	dig	
1370	ODA1	489223.812	4557792.51	39.5	dig	
1371	ODA1	489223.95	4557881.1	6.9	dig	
1372	ODA1	489223.95	4557960.75	6.5	dig	
1373	ODA1	489223.95	4557841.35	5.2	dig	
1374	ODA1	489224.0025	4557797.273	670.9	dig	
1375	ODA1	489224.0025	4557839.945	17.8	dig	
1376	ODA1	489224.193	4557857.661	10.3	dig	
1377	ODA1	489224.193	4557822.8	38.3	dig	
1378	ODA1	489224.193	4557859.185	10.3	dig	
1379	ODA1	489224.25	4557893.7	6.8	dig	
1380	ODA1	489224.3835	4557815.561	11.2	dig	

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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
1381	ODA1	489224.4	4557868.8	6.9	dig	
1382	ODA1	489224.55	4557817.35	7.9	dig	
1383	ODA1	489224.574	4557827.372	31.7	dig	
1384	ODA1	489224.574	4557828.705	47.8	dig	
1385	ODA1	489224.574	4557864.71	26.9	dig	
1386	ODA1	489224.7	4557936.75	5.2	dig	
1387	ODA1	489224.7	4557878.55	5.7	dig	
1388	ODA1	489224.7645	4557900.714	14	dig	
1389	ODA1	489224.7645	4557891.189	86.5	dig	
1390	ODA1	489224.7645	4557836.897	150.4	dig	
1391	ODA1	489224.7645	4557874.806	15.7	dig	
1392	ODA1	489224.955	4557813.846	20.1	dig	
1393	ODA1	489224.955	4557862.424	101.4	dig	
1394	ODA1	489224.955	4557853.47	70	dig	
1395	ODA1	489224.955	4557832.134	194.2	dig	
1396	ODA1	489224.955	4557817.275	9.4	dig	
1397	ODA1	489225.1455	4557946.625	9.2	dig	
1398	ODA1	489225.1455	4557872.52	18.3	dig	
1399	ODA1	489225.1455	4557903.381	13	dig	
1400	ODA1	489225.15	4557868.65	5.2	dig	
1401	ODA1	489225.3	4557957.15	5.3	dig	
1402	ODA1	489225.336	4557825.657	40.2	dig	
1403	ODA1	489225.336	4557866.805	25.1	dig	
1404	ODA1	489225.45	4557962.25	6.4	dig	
1405	ODA1	489225.5265	4557857.471	8.3	dig	
1406	ODA1	489225.6	4557857.4	7	dig	
1407	ODA1	489225.717	4557790.034	82.2	dig	
1408	ODA1	489225.717	4557809.274	106.5	dig	
1409	ODA1	489225.717	4557869.282	8.2	dig	
1410	ODA1	489225.717	4557897.857	111	dig	
1411	ODA1	489225.717	4557828.896	38.4	dig	
1412	ODA1	489225.717	4557865.472	24.9	dig	
1413	ODA1	489225.717	4557885.665	11.1	dig	
1414	ODA1	489225.75	4557869.1	7	dig	
1415	ODA1	489225.75	4557811.65	6.2	dig	
1416	ODA1	489225.9	4557817.65	5.3	dig	
1417	ODA1	489225.9075	4557818.609	15.2	dig	
1418	ODA1	489225.9075	4557894.237	18.2	dig	
1419	ODA1	489226.098	4557836.516	30.9	dig	
1420	ODA1	489226.098	4557942.434	9.4	dig	
1421	ODA1	489226.098	4557834.611	52.7	dig	
1422	ODA1	489226.098	4557827.372	36.9	dig	
1423	ODA1	489226.098	4557913.478	54.9	dig	
1424	ODA1	489226.098	4557850.232	14.9	dig	
1425	ODA1	489226.2	4557841.8	5.9	dig	
1426	ODA1	489226.2885	4557838.421	46.2	dig	
1427	ODA1	489226.2885	4557822.038	29	dig	
1428	ODA1	489226.2885	4557886.046	10.8	dig	
1429	ODA1	489226.2885	4557802.988	24.2	dig	
1430	ODA1	489226.35	4557800.85	7	dig	
1431	ODA1	489226.479	4557813.275	13.3	dig	
1432	ODA1	489226.479	4557863.567	23.4	dig	
1433	ODA1	489226.479	4557839.564	47.5	dig	
1434	ODA1	489226.479	4557911.954	39.9	dig	
1435	ODA1	489226.479	4557896.142	24.4	dig	
1436	ODA1	489226.479	4557911.001	10.3	dig	
1437	ODA1	489226.5	4557937.05	5.7	dig	
1438	ODA1	489226.65	4557815.1	6	dig	
1439	ODA1	489226.65	4557816.9	7	dig	
1440	ODA1	489226.6695	4557957.483	8.3	dig	

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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
1441	ODA1	489226.6695	4557824.514	57.4	dig	
1442	ODA1	489226.6695	4557832.134	113.8	dig	
1443	ODA1	489226.8	4557876.75	6.5	dig	
1444	ODA1	489226.86	4557959.007	149.2	dig	
1445	ODA1	489226.86	4557794.796	378.6	dig	
1446	ODA1	489226.95	4557879.6	7.7	dig	
1447	ODA1	489226.95	4557881.85	6.9	dig	
1448	ODA1	489227.0505	4557893.094	17	dig	
1449	ODA1	489227.1	4557855.3	7.9	dig	
1450	ODA1	489227.1	4557801	5.8	dig	
1451	ODA1	489227.1	4557885.3	6.8	dig	
1452	ODA1	489227.241	4557804.893	16.9	dig	
1453	ODA1	489227.241	4557901.476	11	dig	
1454	ODA1	489227.4	4557938.1	6.5	dig	
1455	ODA1	489227.4315	4557826.61	29.7	dig	
1456	ODA1	489227.4315	4557810.608	22.4	dig	
1457	ODA1	489227.4315	4557910.62	10.3	dig	
1458	ODA1	489227.622	4557834.039	37.5	dig	
1459	ODA1	489227.622	4557792.129	48.3	dig	
1460	ODA1	489227.622	4557835.754	41.1	dig	
1461	ODA1	489227.8125	4557790.224	59.6	dig	
1462	ODA1	489227.8125	4557769.46	20.6	dig	
1463	ODA1	489227.85	4557843.9	5.4	dig	
1464	ODA1	489227.85	4557801.3	7.4	dig	
1465	ODA1	489227.85	4557895.05	7.8	dig	
1466	ODA1	489228	4557803.55	7.4	dig	
1467	ODA1	489228	4557801.75	7.4	dig	
1468	ODA1	489228	4557897.15	7.6	dig	
1469	ODA1	489228	4557905.4	6.3	dig	
1470	ODA1	489228	4557856.2	6.8	dig	
1471	ODA1	489228.003	4557807.941	47.2	dig	
1472	ODA1	489228.003	4557855.375	15.6	dig	
1473	ODA1	489228.15	4557943.2	5.4	dig	
1474	ODA1	489228.1935	4557813.656	19.6	dig	
1475	ODA1	489228.1935	4557904.143	15.4	dig	
1476	ODA1	489228.1935	4557949.101	19.9	dig	
1477	ODA1	489228.1935	4557818.99	30.8	dig	
1478	ODA1	489228.1935	4557806.417	35.2	dig	
1479	ODA1	489228.1935	4557827.372	38.4	dig	
1480	ODA1	489228.1935	4557863.376	33.9	dig	
1481	ODA1	489228.1935	4557878.807	35.6	dig	
1482	ODA1	489228.3	4557958.35	7.9	dig	
1483	ODA1	489228.384	4557877.473	9.3	dig	
1484	ODA1	489228.384	4557774.413	8.2	dig	
1485	ODA1	489228.384	4557825.086	41.1	dig	
1486	ODA1	489228.45	4557885	6.4	dig	
1487	ODA1	489228.5745	4557893.094	10.2	dig	
1488	ODA1	489228.5745	4557841.469	48.6	dig	
1489	ODA1	489228.5745	4557839.564	32.8	dig	
1490	ODA1	489228.5745	4557888.332	15.7	dig	
1491	ODA1	489228.5745	4557889.856	29	dig	
1492	ODA1	489228.5745	4557802.607	11.3	dig	
1493	ODA1	489228.5745	4557892.142	16.6	dig	
1494	ODA1	489228.5745	4557891.38	16.8	dig	
1495	ODA1	489228.765	4557911.001	8.5	dig	
1496	ODA1	489228.765	4557902.81	27.7	dig	
1497	ODA1	489228.765	4557776.889	17.5	dig	
1498	ODA1	489228.765	4557899.19	60.4	dig	
1499	ODA1	489228.765	4557810.989	28.9	dig	
1500	ODA1	489228.9555	4557817.085	42.5	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
1501	ODA1	489228.9555	4557830.42	23	dig	
1502	ODA1	489228.9555	4557809.846	17.8	dig	
1503	ODA1	489228.9555	4557873.092	269.4	dig	
1504	ODA1	489229.146	4557843.374	11.7	dig	
1505	ODA1	489229.146	4557884.903	8.6	dig	
1506	ODA1	489229.146	4557796.701	293.9	dig	
1507	ODA1	489229.146	4557874.235	229.8	dig	
1508	ODA1	489229.146	4557818.799	30.1	dig	
1509	ODA1	489229.146	4557883.379	35.6	dig	
1510	ODA1	489229.146	4557931.004	12.9	dig	
1511	ODA1	489229.3365	4557963.77	13.9	dig	
1512	ODA1	489229.35	4557884.85	7.6	dig	
1513	ODA1	489229.5	4557786.3	5.1	dig	
1514	ODA1	489229.527	4557904.905	12.9	dig	
1515	ODA1	489229.527	4557895.952	18.6	dig	
1516	ODA1	489229.527	4557791.367	83.5	dig	
1517	ODA1	489229.527	4557900.714	8.3	dig	
1518	ODA1	489229.527	4557897.857	12.9	dig	
1519	ODA1	489229.65	4557814.2	7.3	dig	
1520	ODA1	489229.65	4557805.05	7.2	dig	
1521	ODA1	489229.65	4557900.75	7	dig	
1522	ODA1	489229.7175	4557824.514	43.5	dig	
1523	ODA1	489229.7175	4557867.758	56	dig	
1524	ODA1	489229.7175	4557814.227	8.7	dig	
1525	ODA1	489229.7175	4557894.237	9.1	dig	
1526	ODA1	489229.8	4557956.55	7.8	dig	
1527	ODA1	489229.8	4557954.75	5.2	dig	
1528	ODA1	489229.8	4557881.25	7.6	dig	
1529	ODA1	489229.908	4557869.663	135	dig	
1530	ODA1	489229.908	4557837.087	37.6	dig	
1531	ODA1	489230.0985	4557827.943	28.8	dig	
1532	ODA1	489230.0985	4557826.229	37	dig	
1533	ODA1	489230.0985	4557880.521	8.7	dig	
1534	ODA1	489230.0985	4557894.999	12.1	dig	
1535	ODA1	489230.1	4557888.15	6.2	dig	
1536	ODA1	489230.289	4557898.619	16	dig	
1537	ODA1	489230.289	4557897.476	13.7	dig	
1538	ODA1	489230.289	4557799.559	669.5	dig	
1539	ODA1	489230.4	4557938.85	5.4	dig	
1540	ODA1	489230.4	4557906.45	6.5	dig	
1541	ODA1	489230.4795	4557910.62	132.6	dig	
1542	ODA1	489230.4795	4557806.036	10.9	dig	
1543	ODA1	489230.4795	4557803.178	12.1	dig	
1544	ODA1	489230.4795	4557819.371	40.8	dig	
1545	ODA1	489230.55	4557949.95	6.8	dig	
1546	ODA1	489230.55	4557937.05	6	dig	
1547	ODA1	489230.67	4557838.611	73.8	dig	
1548	ODA1	489230.67	4557830.801	19.6	dig	
1549	ODA1	489230.67	4557796.892	385.1	dig	
1550	ODA1	489230.67	4557940.529	44.6	dig	
1551	ODA1	489230.67	4557871.758	220.5	dig	
1552	ODA1	489230.85	4557962.1	5.7	dig	
1553	ODA1	489230.8605	4557792.32	56.9	dig	
1554	ODA1	489230.8605	4557845.66	62.2	dig	
1555	ODA1	489230.8605	4557840.707	21.2	dig	
1556	ODA1	489230.8605	4557885.855	19.1	dig	
1557	ODA1	489231	4557897	7.5	dig	
1558	ODA1	489231.051	4557810.989	18.5	dig	
1559	ODA1	489231.051	4557899.762	8.8	dig	
1560	ODA1	489231.051	4557860.9	730.2	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
1561	ODA1	489231.051	4557821.466	12.9	dig	
1562	ODA1	489231.051	4557822.8	13.8	dig	
1563	ODA1	489231.15	4557954.3	7	dig	
1564	ODA1	489231.15	4557953.7	5.2	dig	
1565	ODA1	489231.15	4557903.75	5.5	dig	
1566	ODA1	489231.2415	4557804.512	10.4	dig	
1567	ODA1	489231.2415	4557951.768	46.7	dig	
1568	ODA1	489231.2415	4557826.8	33.6	dig	
1569	ODA1	489231.432	4557805.274	13.8	dig	
1570	ODA1	489231.432	4557799.559	196.4	dig	
1571	ODA1	489231.6	4557842.25	7.9	dig	
1572	ODA1	489231.6225	4557802.416	16.6	dig	
1573	ODA1	489231.6225	4557882.807	838.5	dig	
1574	ODA1	489231.6225	4557864.519	1988.4	dig	
1575	ODA1	489231.6225	4557895.571	27.8	dig	
1576	ODA1	489231.813	4557898.619	9.6	dig	
1577	ODA1	489231.9	4557777	7.8	dig	
1578	ODA1	489231.9	4557930.45	6.3	dig	
1579	ODA1	489232.0035	4557868.52	2509.3	dig	
1580	ODA1	489232.05	4557819.75	5.9	dig	
1581	ODA1	489232.194	4557828.705	32.5	dig	
1582	ODA1	489232.35	4557961.05	5.2	dig	
1583	ODA1	489232.35	4557843.3	6.1	dig	
1584	ODA1	489232.35	4557944.25	7.7	dig	
1585	ODA1	489232.3845	4557844.326	17.7	dig	
1586	ODA1	489232.3845	4557775.175	8.9	dig	
1587	ODA1	489232.5	4557906.15	7.6	dig	
1588	ODA1	489232.575	4557906.239	10	dig	
1589	ODA1	489232.575	4557879.188	57.8	dig	
1590	ODA1	489232.575	4557841.659	15.4	dig	
1591	ODA1	489232.575	4557896.714	23.2	dig	
1592	ODA1	489232.65	4557910.65	5.1	dig	
1593	ODA1	489232.7655	4557873.663	96.6	dig	
1594	ODA1	489232.7655	4557833.849	32.7	dig	
1595	ODA1	489232.95	4557954.6	5.5	dig	
1596	ODA1	489232.95	4557966.75	7.3	dig	
1597	ODA1	489232.956	4557824.895	58.6	dig	
1598	ODA1	489232.956	4557818.418	28.6	dig	
1599	ODA1	489233.1	4557882	6.9	dig	
1600	ODA1	489233.1	4557965.7	6	dig	
1601	ODA1	489233.1	4557883.05	5.1	dig	
1602	ODA1	489233.1465	4557842.04	17.5	dig	
1603	ODA1	489233.25	4557844.5	7.4	dig	
1604	ODA1	489233.337	4557808.322	422.3	dig	
1605	ODA1	489233.337	4557882.236	14.5	dig	
1606	ODA1	489233.4	4557857.7	7	dig	
1607	ODA1	489233.5275	4557827.181	28	dig	
1608	ODA1	489233.5275	4557940.338	12.3	dig	
1609	ODA1	489233.5275	4557814.989	33.2	dig	
1610	ODA1	489233.5275	4557823.562	68.2	dig	
1611	ODA1	489233.55	4557939	7.5	dig	
1612	ODA1	489233.55	4557905.25	6.4	dig	
1613	ODA1	489233.7	4557959.85	5.8	dig	
1614	ODA1	489233.7	4557961.65	6.2	dig	
1615	ODA1	489233.7	4557965.25	6.7	dig	
1616	ODA1	489233.718	4557802.226	423.9	dig	
1617	ODA1	489233.718	4557818.228	21.2	dig	
1618	ODA1	489233.718	4557877.092	48.4	dig	
1619	ODA1	489233.718	4557769.269	35.8	dig	
1620	ODA1	489233.9085	4557831.372	41.2	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
1621	ODA1	489233.9085	4557883.76	32.3	dig	
1622	ODA1	489233.9085	4557820.895	24	dig	
1623	ODA1	489233.9085	4557866.615	95.2	dig	
1624	ODA1	489233.9085	4557803.559	486.8	dig	
1625	ODA1	489234	4557845.7	6.3	dig	
1626	ODA1	489234.15	4557967.95	6.2	dig	
1627	ODA1	489234.15	4557912.6	5.9	dig	
1628	ODA1	489234.15	4557911.55	5.2	dig	
1629	ODA1	489234.2895	4557861.281	18.7	dig	
1630	ODA1	489234.2895	4557826.419	28	dig	
1631	ODA1	489234.2895	4557767.936	40.8	dig	
1632	ODA1	489234.2895	4557903.191	14.5	dig	
1633	ODA1	489234.2895	4557838.04	69.2	dig	
1634	ODA1	489234.2895	4557840.326	21.7	dig	
1635	ODA1	489234.2895	4557812.322	22	dig	
1636	ODA1	489234.45	4557887.7	6.6	dig	
1637	ODA1	489234.45	4557857.55	5.9	dig	
1638	ODA1	489234.48	4557827.943	30.1	dig	
1639	ODA1	489234.48	4557834.039	19.7	dig	
1640	ODA1	489234.48	4557898.428	24.8	dig	
1641	ODA1	489234.48	4557956.531	37.6	dig	
1642	ODA1	489234.6	4557951.45	7	dig	
1643	ODA1	489234.6	4557847.05	5.9	dig	
1644	ODA1	489234.6705	4557894.618	8.8	dig	
1645	ODA1	489234.6705	4557886.617	10.5	dig	
1646	ODA1	489234.6705	4557843.374	13	dig	
1647	ODA1	489234.6705	4557870.996	63.3	dig	
1648	ODA1	489234.6705	4557854.423	15	dig	
1649	ODA1	489234.6705	4557878.426	49.5	dig	
1650	ODA1	489234.75	4557850.05	5.6	dig	
1651	ODA1	489234.75	4557909	6.6	dig	
1652	ODA1	489234.861	4557859.376	25.1	dig	
1653	ODA1	489234.861	4557910.43	10.6	dig	
1654	ODA1	489235.05	4557940.5	7.8	dig	
1655	ODA1	489235.0515	4557823.181	52.9	dig	
1656	ODA1	489235.0515	4557807.75	515.6	dig	
1657	ODA1	489235.0515	4557880.14	57.1	dig	
1658	ODA1	489235.242	4557763.554	63.4	dig	
1659	ODA1	489235.4325	4557881.664	60.6	dig	
1660	ODA1	489235.4325	4557893.475	19.6	dig	
1661	ODA1	489235.4325	4557885.474	10.5	dig	
1662	ODA1	489235.4325	4557855.756	20.6	dig	
1663	ODA1	489235.4325	4557844.517	17.3	dig	
1664	ODA1	489235.4325	4557847.755	10.6	dig	
1665	ODA1	489235.4325	4557798.606	148.7	dig	
1666	ODA1	489235.5	4557887.7	5.1	dig	
1667	ODA1	489235.5	4557911.1	7.6	dig	
1668	ODA1	489235.5	4557857.25	5.8	dig	
1669	ODA1	489235.623	4557861.471	60.4	dig	
1670	ODA1	489235.623	4557903.762	18.7	dig	
1671	ODA1	489235.623	4557870.044	39.8	dig	
1672	ODA1	489235.8	4557874.2	5.2	dig	
1673	ODA1	489235.8135	4557805.083	386.4	dig	
1674	ODA1	489235.8135	4557952.53	11.9	dig	
1675	ODA1	489236.004	4557883.569	515.6	dig	
1676	ODA1	489236.004	4557831.372	27.8	dig	
1677	ODA1	489236.004	4557833.468	50.2	dig	
1678	ODA1	489236.1	4557885.6	7.8	dig	
1679	ODA1	489236.1945	4557841.659	9.1	dig	
1680	ODA1	489236.1945	4557888.141	9.8	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
1681	ODA1	489236.25	4557842.25	6.2	dig	
1682	ODA1	489236.385	4557806.607	629.3	dig	
1683	ODA1	489236.385	4557898.809	598.8	dig	
1684	ODA1	489236.385	4557815.18	34.2	dig	
1685	ODA1	489236.55	4557930.3	5.2	dig	
1686	ODA1	489236.5755	4557876.14	44.8	dig	
1687	ODA1	489236.5755	4557824.324	72.2	dig	
1688	ODA1	489236.7	4557938.4	7.3	dig	
1689	ODA1	489236.766	4557960.341	173.9	dig	
1690	ODA1	489236.766	4557871.949	102.3	dig	
1691	ODA1	489236.766	4557836.706	41.9	dig	
1692	ODA1	489236.766	4557827.562	17.8	dig	
1693	ODA1	489236.85	4557877.8	6.9	dig	
1694	ODA1	489237	4557896.55	7.3	dig	
1695	ODA1	489237	4557845.1	6.6	dig	
1696	ODA1	489237.147	4557843.374	9.1	dig	
1697	ODA1	489237.147	4557910.43	88.7	dig	
1698	ODA1	489237.147	4557863.376	17.4	dig	
1699	ODA1	489237.15	4557891	6	dig	
1700	ODA1	489237.15	4557887.25	5	dig	
1701	ODA1	489237.15	4557968.55	5.4	dig	
1702	ODA1	489237.15	4557907.05	5.4	dig	
1703	ODA1	489237.3375	4557894.809	11.9	dig	
1704	ODA1	489237.45	4557868.5	6.8	dig	
1705	ODA1	489237.528	4557956.912	39.9	dig	
1706	ODA1	489237.528	4557832.134	19	dig	
1707	ODA1	489237.528	4557905.477	31	dig	
1708	ODA1	489237.528	4557884.522	92.7	dig	
1709	ODA1	489237.6	4557843.6	7.7	dig	
1710	ODA1	489237.7185	4557822.228	40.3	dig	
1711	ODA1	489237.7185	4557902.619	16.2	dig	
1712	ODA1	489237.7185	4557936.338	28.7	dig	
1713	ODA1	489237.75	4557891.6	5.5	dig	
1714	ODA1	489237.75	4557888.75	5.2	dig	
1715	ODA1	489237.9	4557931.35	7.8	dig	
1716	ODA1	489237.9	4557895.65	7.9	dig	
1717	ODA1	489237.909	4557838.802	223.1	dig	
1718	ODA1	489237.909	4557903.762	16	dig	
1719	ODA1	489237.909	4557847.184	12.4	dig	
1720	ODA1	489237.909	4557865.472	39.3	dig	
1721	ODA1	489237.909	4557942.434	11.2	dig	
1722	ODA1	489238.05	4557850.65	5.1	dig	
1723	ODA1	489238.0995	4557938.433	51.3	dig	
1724	ODA1	489238.0995	4557857.661	16.2	dig	
1725	ODA1	489238.0995	4557870.234	12.4	dig	
1726	ODA1	489238.0995	4557967.199	10.4	dig	
1727	ODA1	489238.2	4557859.65	6.9	dig	
1728	ODA1	489238.29	4557874.235	28	dig	
1729	ODA1	489238.35	4557960.45	5.5	dig	
1730	ODA1	489238.35	4557890.7	6.1	dig	
1731	ODA1	489238.35	4557962.4	7.4	dig	
1732	ODA1	489238.4805	4557832.896	22.8	dig	
1733	ODA1	489238.4805	4557823.943	34.6	dig	
1734	ODA1	489238.4805	4557829.086	40.2	dig	
1735	ODA1	489238.5	4557849.3	6.6	dig	
1736	ODA1	489238.671	4557817.656	34.8	dig	
1737	ODA1	489238.671	4557825.657	28.8	dig	
1738	ODA1	489238.671	4557887.189	38.9	dig	
1739	ODA1	489238.8	4557869.25	7.1	dig	
1740	ODA1	489238.8	4557966.9	5.8	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
1741	ODA1	489239.052	4557814.227	18.6	dig	
1742	ODA1	489239.1	4557871.35	6.5	dig	
1743	ODA1	489239.1	4557963.45	6.4	dig	
1744	ODA1	489239.1	4557880.8	6.5	dig	
1745	ODA1	489239.433	4557808.512	1423.9	dig	
1746	ODA1	489239.433	4557853.851	43.3	dig	
1747	ODA1	489239.433	4557800.892	501	dig	
1748	ODA1	489239.55	4557967.8	6.2	dig	
1749	ODA1	489239.6235	4557898.238	15.3	dig	
1750	ODA1	489239.6235	4557877.092	311.1	dig	
1751	ODA1	489239.6235	4557957.102	22.1	dig	
1752	ODA1	489239.6235	4557809.274	1393.3	dig	
1753	ODA1	489239.6235	4557867.567	11	dig	
1754	ODA1	489239.7	4557907.35	7.5	dig	
1755	ODA1	489239.7	4557963.3	6	dig	
1756	ODA1	489239.7	4557961.05	7.1	dig	
1757	ODA1	489239.814	4557819.371	23	dig	
1758	ODA1	489239.814	4557844.517	9.5	dig	
1759	ODA1	489240	4557841.5	5.8	dig	
1760	ODA1	489240.0045	4557882.998	370.8	dig	
1761	ODA1	489240.0045	4557845.85	12.5	dig	
1762	ODA1	489240.0045	4557903.191	44.7	dig	
1763	ODA1	489240.0045	4557842.993	20	dig	
1764	ODA1	489240.15	4557851.55	5.5	dig	
1765	ODA1	489240.195	4557861.662	90.2	dig	
1766	ODA1	489240.3	4557868.2	7.8	dig	
1767	ODA1	489240.3855	4557803.178	93.3	dig	
1768	ODA1	489240.3855	4557867.186	11.2	dig	
1769	ODA1	489240.3855	4557911.382	35.5	dig	
1770	ODA1	489240.45	4557955.65	5.1	dig	
1771	ODA1	489240.45	4557824.4	7.6	dig	
1772	ODA1	489240.576	4557874.806	8.2	dig	
1773	ODA1	489240.576	4557953.483	10.2	dig	
1774	ODA1	489240.75	4557896.55	7	dig	
1775	ODA1	489240.7665	4557888.141	67.7	dig	
1776	ODA1	489240.7665	4557876.711	323.9	dig	
1777	ODA1	489240.7665	4557832.896	37	dig	
1778	ODA1	489240.957	4557937.1	34.6	dig	
1779	ODA1	489240.957	4557811.179	732.9	dig	
1780	ODA1	489241.05	4557941.85	6.9	dig	
1781	ODA1	489241.05	4557904.8	7.9	dig	
1782	ODA1	489241.05	4557905.55	7.4	dig	
1783	ODA1	489241.2	4557909.3	6.5	dig	
1784	ODA1	489241.338	4557869.472	26.1	dig	
1785	ODA1	489241.338	4557912.716	17.6	dig	
1786	ODA1	489241.35	4557964.5	5.5	dig	
1787	ODA1	489241.5285	4557886.427	8.7	dig	
1788	ODA1	489241.5285	4557840.326	16.4	dig	
1789	ODA1	489241.5285	4557805.655	645.4	dig	
1790	ODA1	489241.5285	4557844.136	22.6	dig	
1791	ODA1	489241.5285	4557962.627	20.4	dig	
1792	ODA1	489241.719	4557896.904	10.5	dig	
1793	ODA1	489241.719	4557841.85	10.7	dig	
1794	ODA1	489241.8	4557879.9	6.5	dig	
1795	ODA1	489241.8	4557904.65	5.9	dig	
1796	ODA1	489241.9095	4557867.377	11.2	dig	
1797	ODA1	489241.9095	4557864.329	26.1	dig	
1798	ODA1	489241.9095	4557966.056	31.7	dig	
1799	ODA1	489241.95	4557953.1	5.3	dig	
1800	ODA1	489241.95	4557865.8	7.5	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
1801	ODA1	489242.1	4557831.563	45.7	dig	
1802	ODA1	489242.1	4557876.33	318.8	dig	
1803	ODA1	489242.2905	4557826.61	37.3	dig	
1804	ODA1	489242.2905	4557934.623	105.6	dig	
1805	ODA1	489242.2905	4557958.436	21.3	dig	
1806	ODA1	489242.2905	4557842.421	11.3	dig	
1807	ODA1	489242.2905	4557814.608	1339.9	dig	
1808	ODA1	489242.481	4557890.618	20.1	dig	
1809	ODA1	489242.481	4557790.605	32	dig	
1810	ODA1	489242.481	4557908.334	12.7	dig	
1811	ODA1	489242.481	4557801.464	580.5	dig	
1812	ODA1	489242.481	4557851.946	9.2	dig	
1813	ODA1	489242.481	4557848.708	9.4	dig	
1814	ODA1	489242.6715	4557818.99	123.7	dig	
1815	ODA1	489242.6715	4557866.424	8.2	dig	
1816	ODA1	489242.7	4557852.6	6.1	dig	
1817	ODA1	489242.7	4557788.55	6.3	dig	
1818	ODA1	489242.85	4557862.2	7.3	dig	
1819	ODA1	489242.85	4557865.8	7.3	dig	
1820	ODA1	489242.85	4557788.25	6.4	dig	
1821	ODA1	489242.862	4557806.607	738.7	dig	
1822	ODA1	489242.862	4557960.912	359.8	dig	
1823	ODA1	489242.862	4557903	14	dig	
1824	ODA1	489242.862	4557795.368	60.5	dig	
1825	ODA1	489242.862	4557869.091	9	dig	
1826	ODA1	489242.862	4557965.103	181.4	dig	
1827	ODA1	489243.0525	4557874.425	26.2	dig	
1828	ODA1	489243.0525	4557837.087	74	dig	
1829	ODA1	489243.0525	4557799.178	101.5	dig	
1830	ODA1	489243.0525	4557905.667	32.9	dig	
1831	ODA1	489243.15	4557850.05	6.6	dig	
1832	ODA1	489243.243	4557898.428	10.3	dig	
1833	ODA1	489243.243	4557828.134	55.5	dig	
1834	ODA1	489243.243	4557939.386	75	dig	
1835	ODA1	489243.3	4557968.1	6	dig	
1836	ODA1	489243.3	4557940.65	7.4	dig	
1837	ODA1	489243.3	4557787.8	6.3	dig	
1838	ODA1	489243.4335	4557891.761	24.8	dig	
1839	ODA1	489243.4335	4557902.238	13.5	dig	
1840	ODA1	489243.4335	4557896.904	30	dig	
1841	ODA1	489243.4335	4557810.608	325	dig	
1842	ODA1	489243.4335	4557888.522	225.6	dig	
1843	ODA1	489243.6	4557951.75	6.4	dig	
1844	ODA1	489243.624	4557947.577	75.6	dig	
1845	ODA1	489243.624	4557841.85	8.5	dig	
1846	ODA1	489243.624	4557845.85	11.7	dig	
1847	ODA1	489243.624	4557903.953	16	dig	
1848	ODA1	489243.624	4557870.615	30.6	dig	
1849	ODA1	489243.624	4557871.949	32.6	dig	
1850	ODA1	489243.624	4557822.038	129.3	dig	
1851	ODA1	489243.8145	4557840.516	11.7	dig	
1852	ODA1	489243.8145	4557882.617	195.8	dig	
1853	ODA1	489243.8145	4557798.225	107.1	dig	
1854	ODA1	489243.8145	4557785.081	18.7	dig	
1855	ODA1	489243.9	4557849.6	5	dig	
1856	ODA1	489244.005	4557862.233	9.5	dig	
1857	ODA1	489244.005	4557881.283	69.4	dig	
1858	ODA1	489244.05	4557856.05	6.5	dig	
1859	ODA1	489244.1955	4557813.846	2313	dig	
1860	ODA1	489244.1955	4557863.186	12.7	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
1861	ODA1	489244.1955	4557806.036	511	dig	
1862	ODA1	489244.1955	4557945.291	27.7	dig	
1863	ODA1	489244.2	4557899.85	5.7	dig	
1864	ODA1	489244.2	4557865.95	7.7	dig	
1865	ODA1	489244.35	4557785.55	5.1	dig	
1866	ODA1	489244.35	4557940.8	7.1	dig	
1867	ODA1	489244.386	4557955.388	27.4	dig	
1868	ODA1	489244.386	4557860.709	9.2	dig	
1869	ODA1	489244.386	4557961.865	519.9	dig	
1870	ODA1	489244.386	4557908.144	10.6	dig	
1871	ODA1	489244.386	4557800.511	77.1	dig	
1872	ODA1	489244.5	4557843	6.9	dig	
1873	ODA1	489244.767	4557861.09	8.7	dig	
1874	ODA1	489244.767	4557893.856	48.4	dig	
1875	ODA1	489244.767	4557791.367	34.5	dig	
1876	ODA1	489244.767	4557792.129	34.9	dig	
1877	ODA1	489244.767	4557874.044	28.5	dig	
1878	ODA1	489244.767	4557846.422	14.8	dig	
1879	ODA1	489244.767	4557794.606	44.6	dig	
1880	ODA1	489244.95	4557872.55	6.3	dig	
1881	ODA1	489244.9575	4557805.274	474.5	dig	
1882	ODA1	489244.9575	4557829.658	62.6	dig	
1883	ODA1	489245.148	4557867.948	12.3	dig	
1884	ODA1	489245.148	4557848.327	11.4	dig	
1885	ODA1	489245.3385	4557934.052	38.9	dig	
1886	ODA1	489245.3385	4557802.226	142.9	dig	
1887	ODA1	489245.3385	4557793.082	46.7	dig	
1888	ODA1	489245.3385	4557843.183	9	dig	
1889	ODA1	489245.4	4557931.35	5.2	dig	
1890	ODA1	489245.4	4557938.85	6.3	dig	
1891	ODA1	489245.529	4557910.43	53.7	dig	
1892	ODA1	489245.529	4557887.189	12	dig	
1893	ODA1	489245.529	4557901.857	10.8	dig	
1894	ODA1	489245.529	4557900.143	39.3	dig	
1895	ODA1	489245.7	4557858	7.3	dig	
1896	ODA1	489245.7	4557854.55	6.2	dig	
1897	ODA1	489245.7195	4557954.245	40.7	dig	
1898	ODA1	489245.7195	4557905.858	12.1	dig	
1899	ODA1	489245.7195	4557903.953	61.1	dig	
1900	ODA1	489245.7195	4557808.131	247.3	dig	
1901	ODA1	489245.7195	4557877.473	14.8	dig	
1902	ODA1	489245.7195	4557860.138	19.3	dig	
1903	ODA1	489245.91	4557786.224	46.9	dig	
1904	ODA1	489245.91	4557879.378	63.3	dig	
1905	ODA1	489245.91	4557828.705	57.8	dig	
1906	ODA1	489245.91	4557961.103	61.1	dig	
1907	ODA1	489245.91	4557844.898	22.3	dig	
1908	ODA1	489245.91	4557881.474	8.7	dig	
1909	ODA1	489246	4557938.1	5.7	dig	
1910	ODA1	489246.1005	4557965.865	177.4	dig	
1911	ODA1	489246.1005	4557887.57	12.3	dig	
1912	ODA1	489246.1005	4557892.142	48.5	dig	
1913	ODA1	489246.1005	4557943.005	9	dig	
1914	ODA1	489246.1005	4557896.523	26.2	dig	
1915	ODA1	489246.1005	4557836.897	77.8	dig	
1916	ODA1	489246.1005	4557790.415	21.7	dig	
1917	ODA1	489246.291	4557832.896	63.3	dig	
1918	ODA1	489246.291	4557898.047	16.5	dig	
1919	ODA1	489246.291	4557858.233	8.4	dig	
1920	ODA1	489246.3	4557851.4	5.6	dig	

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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
1921	ODA1	489246.45	4557864.15	7.1	dig	
1922	ODA1	489246.45	4557901.35	5.1	dig	
1923	ODA1	489246.4815	4557817.656	345.2	dig	
1924	ODA1	489246.4815	4557827.181	35.8	dig	
1925	ODA1	489246.4815	4557789.081	25.1	dig	
1926	ODA1	489246.4815	4557952.149	38.6	dig	
1927	ODA1	489246.8625	4557834.23	76.8	dig	
1928	ODA1	489246.8625	4557787.557	40.2	dig	
1929	ODA1	489246.8625	4557841.469	19.8	dig	
1930	ODA1	489247.05	4557852.15	7.1	dig	
1931	ODA1	489247.053	4557853.851	10.9	dig	
1932	ODA1	489247.053	4557842.993	23	dig	
1933	ODA1	489247.2	4557910.35	7	dig	
1934	ODA1	489247.2435	4557940.338	13.6	dig	
1935	ODA1	489247.2435	4557839.754	17.8	dig	
1936	ODA1	489247.35	4557901.05	7.3	dig	
1937	ODA1	489247.35	4557820.8	6.7	dig	
1938	ODA1	489247.434	4557954.054	32.3	dig	
1939	ODA1	489247.434	4557958.817	129.1	dig	
1940	ODA1	489247.434	4557824.895	54.1	dig	
1941	ODA1	489247.434	4557877.283	13	dig	
1942	ODA1	489247.6245	4557847.184	16.1	dig	
1943	ODA1	489247.6245	4557790.605	33.8	dig	
1944	ODA1	489247.6245	4557960.15	61.9	dig	
1945	ODA1	489247.6245	4557882.045	13	dig	
1946	ODA1	489247.6245	4557890.237	10.8	dig	
1947	ODA1	489247.6245	4557799.559	60	dig	
1948	ODA1	489247.6245	4557873.282	11.1	dig	
1949	ODA1	489247.65	4557852.9	6.6	dig	
1950	ODA1	489247.815	4557948.149	10.8	dig	
1951	ODA1	489247.815	4557877.092	11.4	dig	
1952	ODA1	489247.815	4557792.129	52.3	dig	
1953	ODA1	489248.0055	4557887.951	12.2	dig	
1954	ODA1	489248.0055	4557822.8	293	dig	
1955	ODA1	489248.0055	4557891.57	25.3	dig	
1956	ODA1	489248.1	4557909.3	5	dig	
1957	ODA1	489248.196	4557789.653	21.1	dig	
1958	ODA1	489248.196	4557841.85	23.5	dig	
1959	ODA1	489248.196	4557882.807	22.2	dig	
1960	ODA1	489248.196	4557794.415	18.3	dig	
1961	ODA1	489248.3865	4557853.28	8.7	dig	
1962	ODA1	489248.3865	4557850.803	56.3	dig	
1963	ODA1	489248.3865	4557835.373	104	dig	
1964	ODA1	489248.4	4557854.4	7.4	dig	
1965	ODA1	489248.577	4557903	23.1	dig	
1966	ODA1	489248.7675	4557788.319	17.3	dig	
1967	ODA1	489248.958	4557960.722	255	dig	
1968	ODA1	489248.958	4557796.701	39.5	dig	
1969	ODA1	489248.958	4557831.372	52.7	dig	
1970	ODA1	489249.1485	4557829.277	45.7	dig	
1971	ODA1	489249.1485	4557798.987	54.1	dig	
1972	ODA1	489249.15	4557852.9	6.7	dig	
1973	ODA1	489249.15	4557963.6	5.6	dig	
1974	ODA1	489249.5295	4557907.001	9.8	dig	
1975	ODA1	489249.5295	4557855.947	11.2	dig	
1976	ODA1	489249.72	4557875.949	9.8	dig	
1977	ODA1	489249.72	4557848.898	11.2	dig	
1978	ODA1	489249.75	4557875.1	6.7	dig	
1979	ODA1	489249.75	4557884.25	6.1	dig	
1980	ODA1	489249.9105	4557967.58	14	dig	

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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
1981	ODA1	489249.9105	4557825.657	30	dig	
1982	ODA1	489249.9105	4557931.385	29.9	dig	
1983	ODA1	489249.9105	4557807.179	201.8	dig	
1984	ODA1	489249.9105	4557824.324	24.4	dig	
1985	ODA1	489250.05	4557892.2	7.1	dig	
1986	ODA1	489250.101	4557898.047	50.9	dig	
1987	ODA1	489250.101	4557851.565	9.6	dig	
1988	ODA1	489250.101	4557891.189	17.1	dig	
1989	ODA1	489250.2	4557853.35	6.6	dig	
1990	ODA1	489250.2	4557902.1	7.1	dig	
1991	ODA1	489250.2	4557853.95	7.2	dig	
1992	ODA1	489250.2915	4557878.616	15.5	dig	
1993	ODA1	489250.2915	4557792.129	30	dig	
1994	ODA1	489250.2915	4557787.557	21.9	dig	
1995	ODA1	489250.2915	4557794.796	22.6	dig	
1996	ODA1	489250.482	4557962.627	330.6	dig	
1997	ODA1	489250.482	4557802.416	124.9	dig	
1998	ODA1	489250.482	4557904.905	8.7	dig	
1999	ODA1	489250.482	4557877.283	8.4	dig	
2000	ODA1	489250.482	4557949.482	17.8	dig	
2001	ODA1	489250.482	4557834.801	125.9	dig	
2002	ODA1	489250.65	4557940.8	5.5	dig	
2003	ODA1	489250.6725	4557836.706	149	dig	
2004	ODA1	489250.6725	4557850.232	9.2	dig	
2005	ODA1	489250.6725	4557844.326	115.4	dig	
2006	ODA1	489250.6725	4557846.422	23	dig	
2007	ODA1	489250.6725	4557804.702	119.3	dig	
2008	ODA1	489250.863	4557857.471	15.5	dig	
2009	ODA1	489250.863	4557886.808	17.3	dig	
2010	ODA1	489250.863	4557889.284	27	dig	
2011	ODA1	489251.0535	4557810.227	35.1	dig	
2012	ODA1	489251.0535	4557956.912	30	dig	
2013	ODA1	489251.244	4557960.912	17.9	dig	
2014	ODA1	489251.25	4557902.25	5.9	dig	
2015	ODA1	489251.25	4557907.2	6.2	dig	
2016	ODA1	489251.25	4557964.95	5.5	dig	
2017	ODA1	489251.25	4557908.1	6.4	dig	
2018	ODA1	489251.25	4557903.45	7.1	dig	
2019	ODA1	489251.4345	4557798.225	41.8	dig	
2020	ODA1	489251.4345	4557847.184	17.1	dig	
2021	ODA1	489251.55	4557940.35	5.7	dig	
2022	ODA1	489251.625	4557809.846	33.6	dig	
2023	ODA1	489251.625	4557825.086	26.2	dig	
2024	ODA1	489251.625	4557899.381	18.5	dig	
2025	ODA1	489251.7	4557939.9	5.4	dig	
2026	ODA1	489251.7	4557950.55	5.8	dig	
2027	ODA1	489251.7	4557947.7	7	dig	
2028	ODA1	489251.8155	4557904.905	13.2	dig	
2029	ODA1	489251.8155	4557854.232	10.1	dig	
2030	ODA1	489251.8155	4557936.147	20.3	dig	
2031	ODA1	489252.006	4557910.811	25.6	dig	
2032	ODA1	489252.006	4557889.475	25.5	dig	
2033	ODA1	489252.006	4557912.335	56.9	dig	
2034	ODA1	489252.1965	4557960.341	8	dig	
2035	ODA1	489252.387	4557831.372	71.2	dig	
2036	ODA1	489252.387	4557792.891	48	dig	
2037	ODA1	489252.387	4557793.844	39.6	dig	
2038	ODA1	489252.387	4557791.177	14.7	dig	
2039	ODA1	489252.5775	4557828.324	32.7	dig	
2040	ODA1	489252.5775	4557886.808	17.9	dig	

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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
2041	ODA1	489252.6	4557963	5.5	dig	
2042	ODA1	489252.6	4557854.4	7.6	dig	
2043	ODA1	489252.6	4557903.15	7.8	dig	
2044	ODA1	489252.75	4557874.5	6.9	dig	
2045	ODA1	489252.768	4557877.092	17.1	dig	
2046	ODA1	489252.9	4557896.55	5	dig	
2047	ODA1	489252.9585	4557806.798	88.4	dig	
2048	ODA1	489252.9585	4557881.093	21	dig	
2049	ODA1	489253.05	4557859.95	6.7	dig	
2050	ODA1	489253.05	4557936.3	6.2	dig	
2051	ODA1	489253.149	4557890.808	10.4	dig	
2052	ODA1	489253.149	4557786.414	9	dig	
2053	ODA1	489253.149	4557787.748	24.7	dig	
2054	ODA1	489253.149	4557900.714	15.6	dig	
2055	ODA1	489253.149	4557789.653	13.9	dig	
2056	ODA1	489253.3395	4557888.332	22.9	dig	
2057	ODA1	489253.3395	4557908.144	17.7	dig	
2058	ODA1	489253.3395	4557902.429	9.7	dig	
2059	ODA1	489253.3395	4557819.371	22.8	dig	
2060	ODA1	489253.35	4557875.4	5.4	dig	
2061	ODA1	489253.53	4557825.467	22.2	dig	
2062	ODA1	489253.7205	4557879.95	12.9	dig	
2063	ODA1	489253.8	4557957.75	5.2	dig	
2064	ODA1	489253.8	4557892.2	6.4	dig	
2065	ODA1	489253.911	4557782.795	13.4	dig	
2066	ODA1	489253.911	4557776.127	56	dig	
2067	ODA1	489253.911	4557814.608	37.4	dig	
2068	ODA1	489253.911	4557779.937	15.4	dig	
2069	ODA1	489253.911	4557802.797	50.4	dig	
2070	ODA1	489253.911	4557897.666	17.7	dig	
2071	ODA1	489253.95	4557947.25	5.7	dig	
2072	ODA1	489254.1	4557955.5	7.1	dig	
2073	ODA1	489254.1	4557964.05	7.9	dig	
2074	ODA1	489254.1015	4557904.715	34	dig	
2075	ODA1	489254.1015	4557898.619	18.7	dig	
2076	ODA1	489254.1015	4557781.08	14.4	dig	
2077	ODA1	489254.1015	4557959.198	2087.3	dig	
2078	ODA1	489254.1015	4557909.858	56.5	dig	
2079	ODA1	489254.1015	4557785.081	51.8	dig	
2080	ODA1	489254.1015	4557859.566	9.8	dig	
2081	ODA1	489254.25	4557856.5	7.6	dig	
2082	ODA1	489254.25	4557855.15	5	dig	
2083	ODA1	489254.292	4557968.532	14.8	dig	
2084	ODA1	489254.292	4557835.754	90	dig	
2085	ODA1	489254.4825	4557882.045	17.8	dig	
2086	ODA1	489254.4825	4557878.235	9	dig	
2087	ODA1	489254.55	4557843.15	6.1	dig	
2088	ODA1	489254.673	4557889.665	39.2	dig	
2089	ODA1	489254.673	4557899.571	14.2	dig	
2090	ODA1	489254.673	4557893.285	8.7	dig	
2091	ODA1	489254.673	4557786.224	26.2	dig	
2092	ODA1	489254.7	4557934.05	7.5	dig	
2093	ODA1	489254.85	4557860.1	6.5	dig	
2094	ODA1	489254.85	4557809.4	7.1	dig	
2095	ODA1	489254.8635	4557794.225	20.4	dig	
2096	ODA1	489254.8635	4557822.609	87.2	dig	
2097	ODA1	489254.8635	4557953.102	24	dig	
2098	ODA1	489255	4557951.6	6	dig	
2099	ODA1	489255.054	4557819.371	99.5	dig	
2100	ODA1	489255.2445	4557875.568	14.3	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
2101	ODA1	489255.2445	4557837.087	96.9	dig	
2102	ODA1	489255.2445	4557812.703	41.5	dig	
2103	ODA1	489255.2445	4557789.081	63.1	dig	
2104	ODA1	489255.435	4557862.043	30.4	dig	
2105	ODA1	489255.435	4557807.75	47.4	dig	
2106	ODA1	489255.45	4557895.5	5.5	dig	
2107	ODA1	489255.45	4557896.25	6.8	dig	
2108	ODA1	489255.45	4557810.15	6.5	dig	
2109	ODA1	489255.6	4557882.6	6.8	dig	
2110	ODA1	489255.6255	4557943.958	80.6	dig	
2111	ODA1	489255.6255	4557900.905	25.4	dig	
2112	ODA1	489255.6255	4557869.091	21.1	dig	
2113	ODA1	489255.6255	4557903.953	29.8	dig	
2114	ODA1	489255.6255	4557787.748	16.8	dig	
2115	ODA1	489255.75	4557907.05	7.5	dig	
2116	ODA1	489255.816	4557963.008	8.2	dig	
2117	ODA1	489255.816	4557962.436	8.2	dig	
2118	ODA1	489255.816	4557834.039	76.5	dig	
2119	ODA1	489255.816	4557870.615	10.1	dig	
2120	ODA1	489255.816	4557877.854	22	dig	
2121	ODA1	489255.816	4557966.056	133.1	dig	
2122	ODA1	489256.0065	4557829.658	47.9	dig	
2123	ODA1	489256.0065	4557831.372	79.2	dig	
2124	ODA1	489256.05	4557893.4	6	dig	
2125	ODA1	489256.05	4557896.55	5.7	dig	
2126	ODA1	489256.197	4557801.083	22.4	dig	
2127	ODA1	489256.197	4557890.808	13.8	dig	
2128	ODA1	489256.197	4557804.131	32.1	dig	
2129	ODA1	489256.197	4557835.373	95.1	dig	
2130	ODA1	489256.3875	4557898.428	8.4	dig	
2131	ODA1	489256.3875	4557827.562	37.7	dig	
2132	ODA1	489256.3875	4557806.417	8.4	dig	
2133	ODA1	489256.578	4557793.463	23	dig	
2134	ODA1	489256.65	4557879.3	6.3	dig	
2135	ODA1	489256.95	4557932.7	5.7	dig	
2136	ODA1	489256.959	4557796.32	1094.1	dig	
2137	ODA1	489256.959	4557895.952	8.7	dig	
2138	ODA1	489257.1	4557933.6	6.9	dig	
2139	ODA1	489257.1	4557948.3	5.2	dig	
2140	ODA1	489257.1	4557942.15	6.4	dig	
2141	ODA1	489257.1	4557936.45	5	dig	
2142	ODA1	489257.1495	4557893.856	9	dig	
2143	ODA1	489257.1495	4557791.177	55.2	dig	
2144	ODA1	489257.1495	4557891.951	24.5	dig	
2145	ODA1	489257.1495	4557943.386	8.1	dig	
2146	ODA1	489257.25	4557962.25	7.5	dig	
2147	ODA1	489257.25	4557865.2	5.9	dig	
2148	ODA1	489257.34	4557883.569	27.4	dig	
2149	ODA1	489257.34	4557793.082	22.2	dig	
2150	ODA1	489257.34	4557815.751	67.4	dig	
2151	ODA1	489257.34	4557858.233	9.8	dig	
2152	ODA1	489257.34	4557869.282	10.9	dig	
2153	ODA1	489257.4	4557965.7	7.8	dig	
2154	ODA1	489257.5305	4557910.239	23.9	dig	
2155	ODA1	489257.5305	4557881.474	20.1	dig	
2156	ODA1	489257.5305	4557853.089	12.4	dig	
2157	ODA1	489257.55	4557940.5	7.9	dig	
2158	ODA1	489257.55	4557934.35	7.2	dig	
2159	ODA1	489257.7	4557938.55	7.7	dig	
2160	ODA1	489257.7	4557860.1	6.2	dig	

Interpreted Anomalies at Open Demolition Area #1
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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
2161	ODA1	489257.7	4557893.7	7.7	dig	
2162	ODA1	489257.721	4557902.619	10.2	dig	
2163	ODA1	489257.721	4557946.434	11.4	dig	
2164	ODA1	489257.721	4557899	10.1	dig	
2165	ODA1	489257.9115	4557823.371	17.8	dig	
2166	ODA1	489257.9115	4557790.605	68.3	dig	
2167	ODA1	489258	4557867.15	7.8	dig	
2168	ODA1	489258	4557802.65	6.3	dig	
2169	ODA1	489258	4557956.55	5.4	dig	
2170	ODA1	489258.102	4557871.949	8	dig	
2171	ODA1	489258.102	4557824.324	19.5	dig	
2172	ODA1	489258.45	4557796.95	5.2	dig	
2173	ODA1	489258.45	4557802.95	6	dig	
2174	ODA1	489258.45	4557947.1	6.9	dig	
2175	ODA1	489258.45	4557897.6	6	dig	
2176	ODA1	489258.483	4557788.891	30.6	dig	
2177	ODA1	489258.483	4557879.759	25.4	dig	
2178	ODA1	489258.6	4557955.5	6.9	dig	
2179	ODA1	489258.6	4557871.5	7.5	dig	
2180	ODA1	489258.6	4557953.85	6.8	dig	
2181	ODA1	489258.6	4557867.3	7.3	dig	
2182	ODA1	489258.6735	4557863.757	9.9	dig	
2183	ODA1	489258.6735	4557873.663	9.6	dig	
2184	ODA1	489258.6735	4557886.998	9.7	dig	
2185	ODA1	489258.6735	4557883.379	19.6	dig	
2186	ODA1	489258.6735	4557820.133	16.4	dig	
2187	ODA1	489258.6735	4557865.472	36	dig	
2188	ODA1	489259.0545	4557818.609	15.3	dig	
2189	ODA1	489259.0545	4557894.618	57.3	dig	
2190	ODA1	489259.0545	4557881.855	18.3	dig	
2191	ODA1	489259.0545	4557912.525	37.5	dig	
2192	ODA1	489259.0545	4557892.142	8.3	dig	
2193	ODA1	489259.0545	4557861.662	63.3	dig	
2194	ODA1	489259.2	4557942.15	6.2	dig	
2195	ODA1	489259.2	4557896.85	5.3	dig	
2196	ODA1	489259.2	4557953.7	6.5	dig	
2197	ODA1	489259.245	4557799.559	8.2	dig	
2198	ODA1	489259.245	4557796.511	30.2	dig	
2199	ODA1	489259.245	4557808.512	8.9	dig	
2200	ODA1	489259.245	4557800.892	13.2	dig	
2201	ODA1	489259.35	4557854.25	5.2	dig	
2202	ODA1	489259.35	4557951.6	5.7	dig	
2203	ODA1	489259.4355	4557827.753	104.9	dig	
2204	ODA1	489259.4355	4557900.333	8.5	dig	
2205	ODA1	489259.4355	4557826.419	63.6	dig	
2206	ODA1	489259.4355	4557868.52	8.6	dig	
2207	ODA1	489259.4355	4557903.191	16.3	dig	
2208	ODA1	489259.5	4557859.2	5.1	dig	
2209	ODA1	489259.5	4557785.85	7.1	dig	
2210	ODA1	489259.5	4557958.35	5.4	dig	
2211	ODA1	489259.5	4557956.25	6.7	dig	
2212	ODA1	489259.626	4557812.132	230.6	dig	
2213	ODA1	489259.626	4557869.853	12.9	dig	
2214	ODA1	489259.626	4557822.228	24.9	dig	
2215	ODA1	489259.626	4557815.751	340.5	dig	
2216	ODA1	489259.8	4557936	5.4	dig	
2217	ODA1	489259.8165	4557872.901	11.7	dig	
2218	ODA1	489259.95	4557963.45	6.5	dig	
2219	ODA1	489259.95	4557938.7	6.3	dig	
2220	ODA1	489259.95	4557936.75	5.6	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
2221	ODA1	489260.007	4557940.91	9.3	dig	
2222	ODA1	489260.007	4557878.235	9.1	dig	
2223	ODA1	489260.007	4557789.081	13.2	dig	
2224	ODA1	489260.007	4557850.613	8.8	dig	
2225	ODA1	489260.007	4557789.843	13.9	dig	
2226	ODA1	489260.1	4557956.25	6.3	dig	
2227	ODA1	489260.1	4557819.9	7	dig	
2228	ODA1	489260.1	4557854.4	5.8	dig	
2229	ODA1	489260.1975	4557834.23	56.8	dig	
2230	ODA1	489260.25	4557936.3	5.3	dig	
2231	ODA1	489260.388	4557960.531	12.1	dig	
2232	ODA1	489260.388	4557784.128	25.8	dig	
2233	ODA1	489260.5785	4557875.378	13.7	dig	
2234	ODA1	489260.5785	4557831.182	24	dig	
2235	ODA1	489260.7	4557856.35	5.2	dig	
2236	ODA1	489260.769	4557883.95	21.4	dig	
2237	ODA1	489260.769	4557932.528	168.4	dig	
2238	ODA1	489260.85	4557901.2	5.2	dig	
2239	ODA1	489260.85	4557796.5	7.4	dig	
2240	ODA1	489260.9595	4557878.426	8.2	dig	
2241	ODA1	489260.9595	4557939.386	26.7	dig	
2242	ODA1	489260.9595	4557877.092	12.2	dig	
2243	ODA1	489260.9595	4557867.948	8.9	dig	
2244	ODA1	489260.9595	4557871.187	11.3	dig	
2245	ODA1	489260.9595	4557866.615	9.2	dig	
2246	ODA1	489260.9595	4557903.191	12.6	dig	
2247	ODA1	489260.9595	4557899.381	10.9	dig	
2248	ODA1	489261	4557956.1	6.1	dig	
2249	ODA1	489261	4557868.95	6.5	dig	
2250	ODA1	489261.15	4557874.044	17.2	dig	
2251	ODA1	489261.3405	4557793.082	45.5	dig	
2252	ODA1	489261.3405	4557791.367	34.8	dig	
2253	ODA1	489261.45	4557856.65	6.2	dig	
2254	ODA1	489261.531	4557894.809	9.4	dig	
2255	ODA1	489261.7215	4557810.989	153.9	dig	
2256	ODA1	489261.7215	4557884.141	23.4	dig	
2257	ODA1	489261.7215	4557860.9	145.7	dig	
2258	ODA1	489261.7215	4557821.847	26.9	dig	
2259	ODA1	489261.7215	4557826.991	58.7	dig	
2260	ODA1	489261.7215	4557897.666	17.3	dig	
2261	ODA1	489261.75	4557952.95	5.2	dig	
2262	ODA1	489261.9	4557880.35	6	dig	
2263	ODA1	489261.9	4557879.3	7.5	dig	
2264	ODA1	489261.912	4557882.236	168.3	dig	
2265	ODA1	489261.912	4557817.656	11.5	dig	
2266	ODA1	489262.1025	4557837.849	9.1	dig	
2267	ODA1	489262.2	4557853.8	6.2	dig	
2268	ODA1	489262.293	4557797.082	9.4	dig	
2269	ODA1	489262.35	4557905.55	5.5	dig	
2270	ODA1	489262.35	4557937.35	6.4	dig	
2271	ODA1	489262.4835	4557959.579	19.8	dig	
2272	ODA1	489262.4835	4557831.372	43.2	dig	
2273	ODA1	489262.5	4557868.2	6.3	dig	
2274	ODA1	489262.65	4557874.2	5.5	dig	
2275	ODA1	489262.674	4557870.806	25.4	dig	
2276	ODA1	489262.674	4557909.668	17.8	dig	
2277	ODA1	489262.674	4557931.956	36.5	dig	
2278	ODA1	489262.674	4557955.959	32.8	dig	
2279	ODA1	489262.8	4557840.75	5.2	dig	
2280	ODA1	489262.8645	4557833.849	16.1	dig	

Interpreted Anomalies at Open Demolition Area #1
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Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
2281	ODA1	489263.055	4557822.419	26.7	dig	
2282	ODA1	489263.055	4557896.523	8.1	dig	
2283	ODA1	489263.055	4557820.704	29.5	dig	
2284	ODA1	489263.055	4557899	19.4	dig	
2285	ODA1	489263.1	4557946.95	7.2	dig	
2286	ODA1	489263.1	4557904.8	5.5	dig	
2287	ODA1	489263.2455	4557945.482	59.9	dig	
2288	ODA1	489263.2455	4557817.085	8.4	dig	
2289	ODA1	489263.2455	4557866.424	11.7	dig	
2290	ODA1	489263.2455	4557864.138	22	dig	
2291	ODA1	489263.2455	4557963.008	47.7	dig	
2292	ODA1	489263.2455	4557861.662	11.4	dig	
2293	ODA1	489263.25	4557952.5	7	dig	
2294	ODA1	489263.25	4557906.15	5.4	dig	
2295	ODA1	489263.25	4557907.95	7	dig	
2296	ODA1	489263.436	4557857.852	8.1	dig	
2297	ODA1	489263.436	4557883.76	40.8	dig	
2298	ODA1	489263.436	4557823.943	13	dig	
2299	ODA1	489263.436	4557828.515	34.2	dig	
2300	ODA1	489263.436	4557856.899	16.5	dig	
2301	ODA1	489263.55	4557840.6	5.3	dig	
2302	ODA1	489263.55	4557839.55	6.3	dig	
2303	ODA1	489263.6265	4557830.42	26.9	dig	
2304	ODA1	489263.6265	4557879.569	25.2	dig	
2305	ODA1	489263.6265	4557875.378	27.9	dig	
2306	ODA1	489263.6265	4557911.763	14.2	dig	
2307	ODA1	489263.85	4557940.95	5.3	dig	
2308	ODA1	489263.85	4557907.65	6.7	dig	
2309	ODA1	489263.85	4557901.2	6.1	dig	
2310	ODA1	489263.85	4557941.85	5	dig	
2311	ODA1	489263.85	4557867.3	7.1	dig	
2312	ODA1	489263.85	4557937.05	6	dig	
2313	ODA1	489264	4557906.75	7.6	dig	
2314	ODA1	489264.0075	4557868.901	20.4	dig	
2315	ODA1	489264.0075	4557909.858	14.5	dig	
2316	ODA1	489264.0075	4557903.381	11.3	dig	
2317	ODA1	489264.15	4557958.65	6.4	dig	
2318	ODA1	489264.198	4557792.32	27.3	dig	
2319	ODA1	489264.198	4557935.195	167.2	dig	
2320	ODA1	489264.3885	4557841.088	10.2	dig	
2321	ODA1	489264.3885	4557789.081	152.9	dig	
2322	ODA1	489264.3885	4557932.909	19.5	dig	
2323	ODA1	489264.6	4557802.2	7.8	dig	
2324	ODA1	489264.6	4557799.35	6.9	dig	
2325	ODA1	489264.6	4557897.9	6.8	dig	
2326	ODA1	489264.75	4557783.45	5.8	dig	
2327	ODA1	489264.75	4557805.8	6.5	dig	
2328	ODA1	489264.75	4557900.75	7.3	dig	
2329	ODA1	489264.75	4557855	7.8	dig	
2330	ODA1	489264.7695	4557873.092	18.8	dig	
2331	ODA1	489264.7695	4557862.995	36.6	dig	
2332	ODA1	489264.7695	4557899.19	16.8	dig	
2333	ODA1	489264.7695	4557834.039	38.3	dig	
2334	ODA1	489264.7695	4557882.807	32	dig	
2335	ODA1	489264.9	4557956.25	5.7	dig	
2336	ODA1	489264.96	4557821.466	23.8	dig	
2337	ODA1	489264.96	4557832.896	29.5	dig	
2338	ODA1	489264.96	4557819.371	20.5	dig	
2339	ODA1	489265.05	4557957.15	7.3	dig	
2340	ODA1	489265.1505	4557931.004	12.3	dig	

Interpreted Anomalies at Open Demolition Area #1
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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
2341	ODA1	489265.1505	4557939.005	35.1	dig	
2342	ODA1	489265.1505	4557840.326	13.2	dig	
2343	ODA1	489265.1505	4557966.627	13.5	dig	
2344	ODA1	489265.1505	4557836.325	8.1	dig	
2345	ODA1	489265.1505	4557826.038	20.8	dig	
2346	ODA1	489265.2	4557838.95	5.8	dig	
2347	ODA1	489265.2	4557841.5	6	dig	
2348	ODA1	489265.341	4557831.563	37.1	dig	
2349	ODA1	489265.341	4557903.572	13.4	dig	
2350	ODA1	489265.35	4557897.15	6.4	dig	
2351	ODA1	489265.35	4557963.3	6.8	dig	
2352	ODA1	489265.5	4557803.4	5	dig	
2353	ODA1	489265.5	4557947.85	7.9	dig	
2354	ODA1	489265.5	4557861.6	5.8	dig	
2355	ODA1	489265.5315	4557828.134	23.1	dig	
2356	ODA1	489265.5315	4557907.001	10.8	dig	
2357	ODA1	489265.5315	4557874.997	101.1	dig	
2358	ODA1	489265.5315	4557878.807	19.7	dig	
2359	ODA1	489265.5315	4557838.04	10	dig	
2360	ODA1	489265.9125	4557793.272	17.3	dig	
2361	ODA1	489265.9125	4557935.576	36.2	dig	
2362	ODA1	489265.95	4557789.45	5.4	dig	
2363	ODA1	489266.1	4557947.7	6.6	dig	
2364	ODA1	489266.1	4557946.8	5.2	dig	
2365	ODA1	489266.103	4557865.472	37	dig	
2366	ODA1	489266.25	4557798.9	6	dig	
2367	ODA1	489266.25	4557859.65	6.8	dig	
2368	ODA1	489266.2935	4557822.609	19.3	dig	
2369	ODA1	489266.2935	4557899.19	10	dig	
2370	ODA1	489266.2935	4557826.991	18.2	dig	
2371	ODA1	489266.2935	4557870.425	22.3	dig	
2372	ODA1	489266.4	4557823.95	5.9	dig	
2373	ODA1	489266.484	4557821.276	15	dig	
2374	ODA1	489266.484	4557881.855	20.6	dig	
2375	ODA1	489266.55	4557783.9	5.4	dig	
2376	ODA1	489266.55	4557834.6	7.5	dig	
2377	ODA1	489266.7	4557782.85	5.3	dig	
2378	ODA1	489266.85	4557941.25	7.7	dig	
2379	ODA1	489266.865	4557862.233	12.7	dig	
2380	ODA1	489266.865	4557902.619	8.3	dig	
2381	ODA1	489266.865	4557807.56	55.2	dig	
2382	ODA1	489266.865	4557855.375	8.8	dig	
2383	ODA1	489266.865	4557840.516	9.2	dig	
2384	ODA1	489266.865	4557953.102	18.6	dig	
2385	ODA1	489267	4557792.75	7.4	dig	
2386	ODA1	489267.0555	4557905.286	11.7	dig	
2387	ODA1	489267.0555	4557879.188	16	dig	
2388	ODA1	489267.246	4557959.007	12.7	dig	
2389	ODA1	489267.246	4557883.569	23.5	dig	
2390	ODA1	489267.246	4557876.14	10.8	dig	
2391	ODA1	489267.4365	4557784.128	8.4	dig	
2392	ODA1	489267.4365	4557934.433	12.1	dig	
2393	ODA1	489267.4365	4557810.417	11.8	dig	
2394	ODA1	489267.4365	4557932.528	76.2	dig	
2395	ODA1	489267.6	4557903	5.8	dig	
2396	ODA1	489267.75	4557811.95	5.4	dig	
2397	ODA1	489267.75	4557851.55	5.5	dig	
2398	ODA1	489267.75	4557942.45	7.6	dig	
2399	ODA1	489267.75	4557862.5	6.7	dig	
2400	ODA1	489267.8175	4557909.287	16.3	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
2401	ODA1	489267.8175	4557814.608	20.4	dig	
2402	ODA1	489267.8175	4557866.996	252.9	dig	
2403	ODA1	489267.8175	4557864.138	402.7	dig	
2404	ODA1	489267.8175	4557809.084	13	dig	
2405	ODA1	489267.9	4557880.2	6.4	dig	
2406	ODA1	489267.9	4557958.35	7.3	dig	
2407	ODA1	489268.008	4557841.85	9.9	dig	
2408	ODA1	489268.008	4557886.236	22	dig	
2409	ODA1	489268.008	4557935.766	26.8	dig	
2410	ODA1	489268.1985	4557797.273	20.3	dig	
2411	ODA1	489268.1985	4557898.619	26.1	dig	
2412	ODA1	489268.1985	4557816.894	11.3	dig	
2413	ODA1	489268.35	4557798.3	6.6	dig	
2414	ODA1	489268.389	4557907.191	9	dig	
2415	ODA1	489268.389	4557791.558	13.4	dig	
2416	ODA1	489268.389	4557908.525	17.6	dig	
2417	ODA1	489268.389	4557861.662	16.2	dig	
2418	ODA1	489268.389	4557827.562	21.6	dig	
2419	ODA1	489268.389	4557804.131	66.3	dig	
2420	ODA1	489268.389	4557823.943	21.5	dig	
2421	ODA1	489268.389	4557895.571	20.7	dig	
2422	ODA1	489268.5	4557809.7	7.9	dig	
2423	ODA1	489268.5	4557880.35	5.3	dig	
2424	ODA1	489268.5	4557878.1	5.3	dig	
2425	ODA1	489268.5795	4557889.284	23.8	dig	
2426	ODA1	489268.5795	4557825.276	17.6	dig	
2427	ODA1	489268.65	4557904.8	5.8	dig	
2428	ODA1	489268.65	4557875.55	5.1	dig	
2429	ODA1	489268.65	4557965.4	5.1	dig	
2430	ODA1	489268.65	4557873.75	7.5	dig	
2431	ODA1	489268.77	4557879.188	10.7	dig	
2432	ODA1	489268.77	4557936.528	27.8	dig	
2433	ODA1	489268.95	4557941.7	5.9	dig	
2434	ODA1	489268.9605	4557939.005	8.1	dig	
2435	ODA1	489268.9605	4557960.912	22.8	dig	
2436	ODA1	489268.9605	4557888.141	30.3	dig	
2437	ODA1	489268.9605	4557892.142	24.4	dig	
2438	ODA1	489268.9605	4557893.856	41.2	dig	
2439	ODA1	489269.1	4557900.75	6.1	dig	
2440	ODA1	489269.1	4557802.35	6.9	dig	
2441	ODA1	489269.25	4557946.8	6.2	dig	
2442	ODA1	489269.3415	4557819.18	20.3	dig	
2443	ODA1	489269.3415	4557785.462	13.3	dig	
2444	ODA1	489269.3415	4557819.942	17.5	dig	
2445	ODA1	489269.3415	4557864.9	679.5	dig	
2446	ODA1	489269.4	4557788.1	6.4	dig	
2447	ODA1	489269.532	4557821.466	19.5	dig	
2448	ODA1	489269.532	4557824.324	22.5	dig	
2449	ODA1	489269.532	4557962.246	45.1	dig	
2450	ODA1	489269.532	4557830.61	11.7	dig	
2451	ODA1	489269.532	4557818.037	9.3	dig	
2452	ODA1	489269.532	4557879.759	10.3	dig	
2453	ODA1	489269.532	4557872.139	117.1	dig	
2454	ODA1	489269.532	4557935.004	23.3	dig	
2455	ODA1	489269.55	4557802.35	6.6	dig	
2456	ODA1	489269.55	4557932.1	6.3	dig	
2457	ODA1	489269.7	4557813.6	5.5	dig	
2458	ODA1	489269.7	4557805.05	7.2	dig	
2459	ODA1	489269.7225	4557838.23	787.6	dig	
2460	ODA1	489269.7225	4557835.944	778.5	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
2461	ODA1	489269.7225	4557789.843	14.9	dig	
2462	ODA1	489269.7225	4557886.808	29.1	dig	
2463	ODA1	489269.7225	4557874.997	11.9	dig	
2464	ODA1	489269.85	4557809.55	5.9	dig	
2465	ODA1	489269.85	4557896.7	6.8	dig	
2466	ODA1	489269.913	4557891.38	29.5	dig	
2467	ODA1	489269.913	4557828.705	25.6	dig	
2468	ODA1	489269.913	4557953.102	14.1	dig	
2469	ODA1	489269.913	4557898.238	47.3	dig	
2470	ODA1	489270.1035	4557951.578	18.3	dig	
2471	ODA1	489270.1035	4557909.477	12.2	dig	
2472	ODA1	489270.15	4557958.8	7.4	dig	
2473	ODA1	489270.15	4557955.65	6.5	dig	
2474	ODA1	489270.294	4557802.416	8.6	dig	
2475	ODA1	489270.4845	4557885.855	41.5	dig	
2476	ODA1	489270.4845	4557882.045	37.7	dig	
2477	ODA1	489270.4845	4557843.183	21.6	dig	
2478	ODA1	489270.6	4557803.55	5.2	dig	
2479	ODA1	489270.6	4557936.75	7.1	dig	
2480	ODA1	489270.6	4557814.05	6	dig	
2481	ODA1	489270.675	4557825.848	16.3	dig	
2482	ODA1	489270.675	4557817.275	8.6	dig	
2483	ODA1	489270.8655	4557840.707	31.3	dig	
2484	ODA1	489270.8655	4557930.813	28.2	dig	
2485	ODA1	489270.8655	4557884.141	86.3	dig	
2486	ODA1	489270.8655	4557826.8	19.2	dig	
2487	ODA1	489270.9	4557902.4	5.4	dig	
2488	ODA1	489270.9	4557911.85	6.3	dig	
2489	ODA1	489271.05	4557959.4	7.4	dig	
2490	ODA1	489271.05	4557964.2	5.4	dig	
2491	ODA1	489271.05	4557831.75	5.5	dig	
2492	ODA1	489271.056	4557893.856	22.1	dig	
2493	ODA1	489271.056	4557890.618	34.7	dig	
2494	ODA1	489271.056	4557851.946	47	dig	
2495	ODA1	489271.2	4557964.5	5.2	dig	
2496	ODA1	489271.2465	4557798.987	8.3	dig	
2497	ODA1	489271.2465	4557887.189	29.2	dig	
2498	ODA1	489271.35	4557814.5	7.4	dig	
2499	ODA1	489271.35	4557962.4	7.9	dig	
2500	ODA1	489271.437	4557804.512	22.5	dig	
2501	ODA1	489271.437	4557811.56	9.9	dig	
2502	ODA1	489271.437	4557818.418	20.1	dig	
2503	ODA1	489271.5	4557900.3	6	dig	
2504	ODA1	489271.5	4557823.2	5.9	dig	
2505	ODA1	489271.5	4557821.55	7.8	dig	
2506	ODA1	489271.5	4557899.7	7.6	dig	
2507	ODA1	489271.6275	4557849.47	53.4	dig	
2508	ODA1	489271.6275	4557910.62	11.3	dig	
2509	ODA1	489271.6275	4557869.282	21.4	dig	
2510	ODA1	489271.65	4557874.5	6.1	dig	
2511	ODA1	489271.65	4557873	7	dig	
2512	ODA1	489271.8	4557956.4	5.8	dig	
2513	ODA1	489272.0085	4557851.565	51.8	dig	
2514	ODA1	489272.0085	4557889.475	41.8	dig	
2515	ODA1	489272.0085	4557842.421	27.3	dig	
2516	ODA1	489272.199	4557897.857	24.8	dig	
2517	ODA1	489272.199	4557896.904	35.5	dig	
2518	ODA1	489272.25	4557949.2	5	dig	
2519	ODA1	489272.25	4557898.95	7.9	dig	
2520	ODA1	489272.25	4557900.6	7	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
2521	ODA1	489272.25	4557802.2	6.4	dig	
2522	ODA1	489272.25	4557954.45	5.4	dig	
2523	ODA1	489272.3895	4557822.228	10.5	dig	
2524	ODA1	489272.3895	4557878.616	16.9	dig	
2525	ODA1	489272.3895	4557797.844	11.5	dig	
2526	ODA1	489272.4	4557829.2	7.4	dig	
2527	ODA1	489272.4	4557966	5.1	dig	
2528	ODA1	489272.55	4557875.85	6.1	dig	
2529	ODA1	489272.58	4557838.802	35.7	dig	
2530	ODA1	489272.58	4557840.516	22.1	dig	
2531	ODA1	489272.58	4557881.664	36.7	dig	
2532	ODA1	489272.7705	4557820.323	14.4	dig	
2533	ODA1	489272.961	4557895.19	33.2	dig	
2534	ODA1	489272.961	4557879.569	16	dig	
2535	ODA1	489272.961	4557823.752	16.8	dig	
2536	ODA1	489272.961	4557893.475	33.7	dig	
2537	ODA1	489272.961	4557897.666	26.8	dig	
2538	ODA1	489273	4557950.85	7.9	dig	
2539	ODA1	489273	4557798.6	6.7	dig	
2540	ODA1	489273	4557899.85	6.4	dig	
2541	ODA1	489273.1515	4557960.912	33.3	dig	
2542	ODA1	489273.1515	4557829.658	9.9	dig	
2543	ODA1	489273.1515	4557872.33	35	dig	
2544	ODA1	489273.3	4557837.45	6.4	dig	
2545	ODA1	489273.3	4557833.4	7.4	dig	
2546	ODA1	489273.45	4557941.1	6.3	dig	
2547	ODA1	489273.45	4557963.15	5.1	dig	
2548	ODA1	489273.5325	4557965.675	9.1	dig	
2549	ODA1	489273.6	4557939.15	7	dig	
2550	ODA1	489273.6	4557947.85	7	dig	
2551	ODA1	489273.723	4557792.129	13.1	dig	
2552	ODA1	489273.75	4557816.6	6.9	dig	
2553	ODA1	489273.9135	4557884.141	1778.3	dig	
2554	ODA1	489273.9135	4557839.564	14.7	dig	
2555	ODA1	489273.9135	4557845.088	51.7	dig	
2556	ODA1	489273.9135	4557900.714	12.2	dig	
2557	ODA1	489274.05	4557832.65	7.2	dig	
2558	ODA1	489274.05	4557833.85	5.6	dig	
2559	ODA1	489274.104	4557852.708	38.4	dig	
2560	ODA1	489274.2	4557962.4	6.1	dig	
2561	ODA1	489274.2	4557964.8	6.8	dig	
2562	ODA1	489274.2945	4557849.089	28.1	dig	
2563	ODA1	489274.2945	4557851.565	44.9	dig	
2564	ODA1	489274.2945	4557854.613	196.2	dig	
2565	ODA1	489274.35	4557937.35	7.1	dig	
2566	ODA1	489274.35	4557966.6	5	dig	
2567	ODA1	489274.485	4557821.847	12.8	dig	
2568	ODA1	489274.485	4557911.001	16.9	dig	
2569	ODA1	489274.485	4557875.949	12.2	dig	
2570	ODA1	489274.485	4557843.945	71.4	dig	
2571	ODA1	489274.5	4557806.25	5.2	dig	
2572	ODA1	489274.5	4557793.05	5.6	dig	
2573	ODA1	489274.65	4557864.75	7.9	dig	
2574	ODA1	489274.65	4557792.45	5.7	dig	
2575	ODA1	489274.65	4557795.45	6.3	dig	
2576	ODA1	489274.6755	4557878.235	22.5	dig	
2577	ODA1	489274.6755	4557898.428	25.9	dig	
2578	ODA1	489274.6755	4557826.229	9	dig	
2579	ODA1	489274.6755	4557896.714	50.4	dig	
2580	ODA1	489274.6755	4557890.618	65.2	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
2581	ODA1	489274.6755	4557908.144	10	dig	
2582	ODA1	489274.8	4557799.05	7.2	dig	
2583	ODA1	489274.8	4557869.55	7.6	dig	
2584	ODA1	489274.8	4557808.35	6.2	dig	
2585	ODA1	489274.866	4557815.37	13.6	dig	
2586	ODA1	489274.866	4557843.183	81.7	dig	
2587	ODA1	489274.866	4557867.948	97.9	dig	
2588	ODA1	489274.866	4557817.275	10.4	dig	
2589	ODA1	489274.95	4557832.05	7.5	dig	
2590	ODA1	489274.95	4557937.05	7	dig	
2591	ODA1	489274.95	4557834.15	5.9	dig	
2592	ODA1	489274.95	4557958.5	7.5	dig	
2593	ODA1	489274.95	4557939.9	5.8	dig	
2594	ODA1	489275.0565	4557823.371	15.7	dig	
2595	ODA1	489275.0565	4557828.896	12.8	dig	
2596	ODA1	489275.0565	4557945.672	605.4	dig	
2597	ODA1	489275.0565	4557934.433	25.1	dig	
2598	ODA1	489275.0565	4557850.422	39.3	dig	
2599	ODA1	489275.0565	4557837.659	8.6	dig	
2600	ODA1	489275.1	4557947.55	5.6	dig	
2601	ODA1	489275.247	4557960.341	15.8	dig	
2602	ODA1	489275.25	4557793.95	5.1	dig	
2603	ODA1	489275.25	4557950.7	7.8	dig	
2604	ODA1	489275.25	4557967.2	6.2	dig	
2605	ODA1	489275.25	4557802.5	7.3	dig	
2606	ODA1	489275.25	4557892.95	7.7	dig	
2607	ODA1	489275.4	4557958.65	7.3	dig	
2608	ODA1	489275.4	4557789.75	6.3	dig	
2609	ODA1	489275.4	4557794.7	5.1	dig	
2610	ODA1	489275.4	4557957.6	6.3	dig	
2611	ODA1	489275.4375	4557904.524	16.9	dig	
2612	ODA1	489275.4375	4557872.52	10.4	dig	
2613	ODA1	489275.55	4557787.2	6.2	dig	
2614	ODA1	489275.55	4557811.2	6.1	dig	
2615	ODA1	489275.628	4557821.276	12.5	dig	
2616	ODA1	489275.628	4557840.326	28.9	dig	
2617	ODA1	489275.628	4557832.896	13	dig	
2618	ODA1	489275.7	4557801.9	7.4	dig	
2619	ODA1	489275.7	4557874.95	6.2	dig	
2620	ODA1	489275.7	4557786.6	6.9	dig	
2621	ODA1	489275.7	4557797.85	5.1	dig	
2622	ODA1	489275.7	4557798.15	5.6	dig	
2623	ODA1	489275.8185	4557954.816	98.4	dig	
2624	ODA1	489275.8185	4557881.855	41.5	dig	
2625	ODA1	489275.85	4557798.75	6.5	dig	
2626	ODA1	489275.85	4557830.85	6.6	dig	
2627	ODA1	489275.85	4557790.2	6.2	dig	
2628	ODA1	489276	4557799.2	6.7	dig	
2629	ODA1	489276	4557835.2	5.2	dig	
2630	ODA1	489276.009	4557883.188	22.8	dig	
2631	ODA1	489276.009	4557930.242	77	dig	
2632	ODA1	489276.009	4557863.376	84.1	dig	
2633	ODA1	489276.009	4557826.8	11.6	dig	
2634	ODA1	489276.1995	4557849.66	42	dig	
2635	ODA1	489276.3	4557961.95	6.3	dig	
2636	ODA1	489276.3	4557795.6	5.5	dig	
2637	ODA1	489276.39	4557807.56	12.9	dig	
2638	ODA1	489276.39	4557878.426	11.4	dig	
2639	ODA1	489276.39	4557818.609	13	dig	
2640	ODA1	489276.39	4557823.181	18.7	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
2641	ODA1	489276.45	4557939.6	6.1	dig	
2642	ODA1	489276.45	4557810.75	5.2	dig	
2643	ODA1	489276.45	4557816.75	6.1	dig	
2644	ODA1	489276.45	4557940.95	6.6	dig	
2645	ODA1	489276.5805	4557937.1	28	dig	
2646	ODA1	489276.5805	4557885.855	58.4	dig	
2647	ODA1	489276.5805	4557889.475	33.9	dig	
2648	ODA1	489276.6	4557837.9	6.1	dig	
2649	ODA1	489276.6	4557834	6.7	dig	
2650	ODA1	489276.75	4557895.05	7.8	dig	
2651	ODA1	489276.771	4557876.14	12.4	dig	
2652	ODA1	489276.771	4557806.607	12.3	dig	
2653	ODA1	489276.771	4557887.76	47.4	dig	
2654	ODA1	489276.9615	4557847.946	65.5	dig	
2655	ODA1	489276.9615	4557794.415	18.2	dig	
2656	ODA1	489276.9615	4557904.334	91.1	dig	
2657	ODA1	489276.9615	4557790.605	8.2	dig	
2658	ODA1	489276.9615	4557804.702	9.2	dig	
2659	ODA1	489276.9615	4557852.327	46.5	dig	
2660	ODA1	489277.05	4557834.3	6.1	dig	
2661	ODA1	489277.05	4557811.8	6.6	dig	
2662	ODA1	489277.152	4557882.807	12.2	dig	
2663	ODA1	489277.152	4557861.09	27	dig	
2664	ODA1	489277.152	4557966.246	20.9	dig	
2665	ODA1	489277.152	4557809.084	40.3	dig	
2666	ODA1	489277.152	4557840.897	25	dig	
2667	ODA1	489277.152	4557786.605	11.2	dig	
2668	ODA1	489277.2	4557961.5	7.5	dig	
2669	ODA1	489277.3425	4557901.857	32.6	dig	
2670	ODA1	489277.3425	4557892.142	31	dig	
2671	ODA1	489277.3425	4557830.801	18.3	dig	
2672	ODA1	489277.5	4557836.55	5	dig	
2673	ODA1	489277.533	4557845.088	38.4	dig	
2674	ODA1	489277.533	4557874.044	9.3	dig	
2675	ODA1	489277.533	4557964.722	96	dig	
2676	ODA1	489277.533	4557898.047	18	dig	
2677	ODA1	489277.65	4557951.6	5.5	dig	
2678	ODA1	489277.7235	4557787.557	17.3	dig	
2679	ODA1	489277.7235	4557900.524	31	dig	
2680	ODA1	489277.7235	4557788.891	9.2	dig	
2681	ODA1	489277.7235	4557934.242	10.2	dig	
2682	ODA1	489277.7235	4557868.901	77.9	dig	
2683	ODA1	489277.914	4557893.856	13.6	dig	
2684	ODA1	489277.914	4557886.046	69.8	dig	
2685	ODA1	489277.914	4557881.283	129.3	dig	
2686	ODA1	489277.914	4557889.665	38.4	dig	
2687	ODA1	489277.95	4557814.2	5.6	dig	
2688	ODA1	489277.95	4557895.05	6.4	dig	
2689	ODA1	489277.95	4557959.55	6.2	dig	
2690	ODA1	489277.95	4557962.7	7.4	dig	
2691	ODA1	489277.95	4557940.95	5.7	dig	
2692	ODA1	489278.1045	4557824.133	12.2	dig	
2693	ODA1	489278.1045	4557809.655	38.4	dig	
2694	ODA1	489278.1045	4557822.228	12.3	dig	
2695	ODA1	489278.1045	4557896.714	15.8	dig	
2696	ODA1	489278.25	4557837.75	6	dig	
2697	ODA1	489278.295	4557833.658	9.3	dig	
2698	ODA1	489278.295	4557857.09	85.4	dig	
2699	ODA1	489278.295	4557955.959	9.6	dig	
2700	ODA1	489278.295	4557829.086	46	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
2701	ODA1	489278.4	4557953.25	6.7	dig	
2702	ODA1	489278.4855	4557850.232	47.5	dig	
2703	ODA1	489278.4855	4557844.707	34.7	dig	
2704	ODA1	489278.4855	4557842.231	30.5	dig	
2705	ODA1	489278.676	4557847.755	55.8	dig	
2706	ODA1	489278.85	4557935.4	6.1	dig	
2707	ODA1	489278.85	4557811.8	7.2	dig	
2708	ODA1	489278.85	4557827.4	7.6	dig	
2709	ODA1	489278.8665	4557846.422	39.5	dig	
2710	ODA1	489278.8665	4557832.515	31	dig	
2711	ODA1	489278.8665	4557851.756	59.1	dig	
2712	ODA1	489278.8665	4557810.036	29.3	dig	
2713	ODA1	489279	4557839.25	7.5	dig	
2714	ODA1	489279	4557830.7	6.2	dig	
2715	ODA1	489279.057	4557949.101	8.9	dig	
2716	ODA1	489279.057	4557899.19	14.6	dig	
2717	ODA1	489279.057	4557862.233	54.2	dig	
2718	ODA1	489279.057	4557786.224	8.5	dig	
2719	ODA1	489279.057	4557906.048	16.3	dig	
2720	ODA1	489279.15	4557952.8	6.6	dig	
2721	ODA1	489279.15	4557837.15	6.6	dig	
2722	ODA1	489279.2475	4557902.619	23.6	dig	
2723	ODA1	489279.2475	4557869.663	151.3	dig	
2724	ODA1	489279.3	4557959.1	5.3	dig	
2725	ODA1	489279.3	4557784.65	6.2	dig	
2726	ODA1	489279.438	4557794.796	10.5	dig	
2727	ODA1	489279.438	4557796.701	27.6	dig	
2728	ODA1	489279.438	4557821.276	12.4	dig	
2729	ODA1	489279.438	4557809.274	46.3	dig	
2730	ODA1	489279.438	4557812.322	8.4	dig	
2731	ODA1	489279.45	4557958.35	5.8	dig	
2732	ODA1	489279.45	4557877.95	7.4	dig	
2733	ODA1	489279.45	4557820.65	7.3	dig	
2734	ODA1	489279.45	4557872.55	7.4	dig	
2735	ODA1	489279.45	4557930	5.1	dig	
2736	ODA1	489279.45	4557792.15	7.5	dig	
2737	ODA1	489279.6	4557893.4	7.6	dig	
2738	ODA1	489279.6	4557839.4	5.2	dig	
2739	ODA1	489279.6	4557966.75	7.6	dig	
2740	ODA1	489279.6285	4557879.569	26.8	dig	
2741	ODA1	489279.6285	4557859.185	109.7	dig	
2742	ODA1	489279.6285	4557814.799	11.7	dig	
2743	ODA1	489279.75	4557803.25	5	dig	
2744	ODA1	489279.75	4557963.45	6.5	dig	
2745	ODA1	489279.75	4557965.85	5	dig	
2746	ODA1	489279.819	4557818.037	14	dig	
2747	ODA1	489279.9	4557964.95	5.9	dig	
2748	ODA1	489280.0095	4557891.57	14.7	dig	
2749	ODA1	489280.0095	4557863.948	32.9	dig	
2750	ODA1	489280.0095	4557856.137	116.7	dig	
2751	ODA1	489280.0095	4557814.227	13.8	dig	
2752	ODA1	489280.0095	4557825.848	13	dig	
2753	ODA1	489280.0095	4557866.043	35.5	dig	
2754	ODA1	489280.05	4557960.15	5.7	dig	
2755	ODA1	489280.2	4557929.7	5.4	dig	
2756	ODA1	489280.2	4557867.567	22.6	dig	
2757	ODA1	489280.2	4557841.469	14.5	dig	
2758	ODA1	489280.2	4557908.334	28.3	dig	
2759	ODA1	489280.2	4557793.082	66.6	dig	
2760	ODA1	489280.35	4557936.15	6.2	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
2761	ODA1	489280.35	4557839.1	6.8	dig	
2762	ODA1	489280.3905	4557881.474	38.4	dig	
2763	ODA1	489280.3905	4557945.482	73.4	dig	
2764	ODA1	489280.5	4557953.7	7.5	dig	
2765	ODA1	489280.5	4557954	7.5	dig	
2766	ODA1	489280.5	4557931.65	5.3	dig	
2767	ODA1	489280.581	4557846.231	72.4	dig	
2768	ODA1	489280.581	4557900.714	30.8	dig	
2769	ODA1	489280.581	4557833.468	12.9	dig	
2770	ODA1	489280.65	4557969.9	5.3	dig	
2771	ODA1	489280.65	4557951.9	7.5	dig	
2772	ODA1	489280.7715	4557809.655	55	dig	
2773	ODA1	489280.8	4557795.75	5.9	dig	
2774	ODA1	489280.8	4557958.05	6.8	dig	
2775	ODA1	489280.95	4557812.25	5.9	dig	
2776	ODA1	489280.962	4557889.665	36.3	dig	
2777	ODA1	489280.962	4557848.708	61.2	dig	
2778	ODA1	489280.962	4557823.562	17.1	dig	
2779	ODA1	489281.1	4557963	7.7	dig	
2780	ODA1	489281.1	4557946.95	7.5	dig	
2781	ODA1	489281.1	4557817.35	6.3	dig	
2782	ODA1	489281.1525	4557846.993	60.3	dig	
2783	ODA1	489281.1525	4557814.799	20.1	dig	
2784	ODA1	489281.1525	4557828.324	27.3	dig	
2785	ODA1	489281.1525	4557821.276	26.2	dig	
2786	ODA1	489281.25	4557835.8	7.3	dig	
2787	ODA1	489281.25	4557939.45	6.9	dig	
2788	ODA1	489281.343	4557902.429	29.8	dig	
2789	ODA1	489281.343	4557898.809	46.8	dig	
2790	ODA1	489281.343	4557950.625	23.1	dig	
2791	ODA1	489281.4	4557791.7	5.4	dig	
2792	ODA1	489281.4	4557964.5	6.1	dig	
2793	ODA1	489281.5335	4557842.993	25.1	dig	
2794	ODA1	489281.5335	4557855.756	105.7	dig	
2795	ODA1	489281.5335	4557799.94	8.1	dig	
2796	ODA1	489281.5335	4557850.994	53.6	dig	
2797	ODA1	489281.5335	4557904.143	41.6	dig	
2798	ODA1	489281.5335	4557861.471	77.7	dig	
2799	ODA1	489281.55	4557798.45	6	dig	
2800	ODA1	489281.7	4557962.25	7.3	dig	
2801	ODA1	489281.7	4557963.45	5.6	dig	
2802	ODA1	489281.724	4557893.094	9.9	dig	
2803	ODA1	489281.724	4557884.903	66.6	dig	
2804	ODA1	489281.724	4557960.722	24.8	dig	
2805	ODA1	489281.724	4557870.806	54	dig	
2806	ODA1	489281.9145	4557826.419	13.3	dig	
2807	ODA1	489281.9145	4557897.476	39.9	dig	
2808	ODA1	489281.9145	4557894.428	23.3	dig	
2809	ODA1	489281.9145	4557852.327	64.2	dig	
2810	ODA1	489282	4557965.4	7.1	dig	
2811	ODA1	489282.105	4557795.368	12.2	dig	
2812	ODA1	489282.105	4557857.28	75.5	dig	
2813	ODA1	489282.105	4557863.376	80.6	dig	
2814	ODA1	489282.2955	4557942.815	20.1	dig	
2815	ODA1	489282.2955	4557906.239	27	dig	
2816	ODA1	489282.2955	4557829.467	11.6	dig	
2817	ODA1	489282.2955	4557896.142	30.1	dig	
2818	ODA1	489282.2955	4557865.853	48.2	dig	
2819	ODA1	489282.2955	4557910.43	19.3	dig	
2820	ODA1	489282.2955	4557864.329	65.3	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
2821	ODA1	489282.2955	4557952.34	10	dig	
2822	ODA1	489282.3	4557779.7	6.8	dig	
2823	ODA1	489282.486	4557944.529	8.6	dig	
2824	ODA1	489282.486	4557909.477	10.3	dig	
2825	ODA1	489282.486	4557853.47	60.6	dig	
2826	ODA1	489282.6	4557825	7.5	dig	
2827	ODA1	489282.6	4557819.45	6	dig	
2828	ODA1	489282.6765	4557889.856	25.6	dig	
2829	ODA1	489282.6765	4557886.046	42.7	dig	
2830	ODA1	489282.6765	4557874.235	105.3	dig	
2831	ODA1	489282.75	4557830.7	6.9	dig	
2832	ODA1	489282.75	4557961.35	7.7	dig	
2833	ODA1	489282.867	4557928.527	24.4	dig	
2834	ODA1	489282.867	4557877.283	40.5	dig	
2835	ODA1	489282.867	4557860.519	158	dig	
2836	ODA1	489282.9	4557839.85	7.2	dig	
2837	ODA1	489283.05	4557818.4	7.2	dig	
2838	ODA1	489283.05	4557819.75	6.5	dig	
2839	ODA1	489283.0575	4557813.084	12.4	dig	
2840	ODA1	489283.0575	4557968.723	22.7	dig	
2841	ODA1	489283.0575	4557849.279	101.8	dig	
2842	ODA1	489283.0575	4557778.223	8.7	dig	
2843	ODA1	489283.0575	4557791.177	12.5	dig	
2844	ODA1	489283.2	4557962.55	7.5	dig	
2845	ODA1	489283.2	4557806.1	7.1	dig	
2846	ODA1	489283.248	4557828.705	10.1	dig	
2847	ODA1	489283.248	4557815.751	133.9	dig	
2848	ODA1	489283.248	4557869.472	62.9	dig	
2849	ODA1	489283.248	4557832.896	47.3	dig	
2850	ODA1	489283.248	4557824.324	8.5	dig	
2851	ODA1	489283.4385	4557901.095	50.1	dig	
2852	ODA1	489283.4385	4557863.186	75.3	dig	
2853	ODA1	489283.4385	4557880.712	22.6	dig	
2854	ODA1	489283.4385	4557844.898	24.5	dig	
2855	ODA1	489283.629	4557894.999	47.5	dig	
2856	ODA1	489283.65	4557930.6	7.4	dig	
2857	ODA1	489283.8195	4557878.426	34.6	dig	
2858	ODA1	489283.8195	4557804.702	49.3	dig	
2859	ODA1	489283.95	4557938.85	5.9	dig	
2860	ODA1	489284.01	4557822.609	13.3	dig	
2861	ODA1	489284.01	4557822.038	13.1	dig	
2862	ODA1	489284.2005	4557830.229	29.4	dig	
2863	ODA1	489284.2005	4557842.421	29.9	dig	
2864	ODA1	489284.2005	4557820.323	13	dig	
2865	ODA1	489284.391	4557848.517	74.3	dig	
2866	ODA1	489284.391	4557851.375	61.6	dig	
2867	ODA1	489284.4	4557933.75	6.9	dig	
2868	ODA1	489284.5815	4557865.091	120	dig	
2869	ODA1	489284.5815	4557857.852	71.6	dig	
2870	ODA1	489284.5815	4557867.948	38.3	dig	
2871	ODA1	489284.5815	4557854.042	78.7	dig	
2872	ODA1	489284.5815	4557897.476	23.7	dig	
2873	ODA1	489284.7	4557794.1	7.4	dig	
2874	ODA1	489284.772	4557802.035	30	dig	
2875	ODA1	489284.9625	4557872.52	46.6	dig	
2876	ODA1	489284.9625	4557905.477	50.3	dig	
2877	ODA1	489284.9625	4557791.367	12.2	dig	
2878	ODA1	489284.9625	4557843.755	11.9	dig	
2879	ODA1	489284.9625	4557892.713	39.3	dig	
2880	ODA1	489285.3435	4557887.76	32.4	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
2881	ODA1	489285.3435	4557818.799	14.6	dig	
2882	ODA1	489285.3435	4557902.429	60.3	dig	
2883	ODA1	489285.45	4557814.35	7.1	dig	
2884	ODA1	489285.534	4557825.276	23.8	dig	
2885	ODA1	489285.6	4557837.3	6.2	dig	
2886	ODA1	489285.7245	4557886.046	34.1	dig	
2887	ODA1	489285.7245	4557836.135	135.5	dig	
2888	ODA1	489285.7245	4557797.082	9.6	dig	
2889	ODA1	489285.7245	4557839.564	106.4	dig	
2890	ODA1	489285.75	4557874.65	7.7	dig	
2891	ODA1	489285.915	4557877.283	22.5	dig	
2892	ODA1	489285.915	4557815.942	58.9	dig	
2893	ODA1	489285.915	4557832.706	11.8	dig	
2894	ODA1	489285.915	4557805.464	10	dig	
2895	ODA1	489286.1055	4557821.085	16	dig	
2896	ODA1	489286.1055	4557855.756	76.7	dig	
2897	ODA1	489286.1055	4557907.382	46.8	dig	
2898	ODA1	489286.1055	4557906.048	73.6	dig	
2899	ODA1	489286.296	4557904.143	47.2	dig	
2900	ODA1	489286.296	4557863.948	72.7	dig	
2901	ODA1	489286.35	4557932.1	5.5	dig	
2902	ODA1	489286.35	4557829.8	6.3	dig	
2903	ODA1	489286.4865	4557865.853	56.3	dig	
2904	ODA1	489286.4865	4557911.192	23.3	dig	
2905	ODA1	489286.5	4557792.15	6.3	dig	
2906	ODA1	489286.677	4557897.095	179.2	dig	
2907	ODA1	489286.677	4557789.653	38.5	dig	
2908	ODA1	489286.8675	4557799.178	32.7	dig	
2909	ODA1	489286.8675	4557788.51	97.7	dig	
2910	ODA1	489286.8675	4557795.939	18.4	dig	
2911	ODA1	489286.8675	4557819.561	14.7	dig	
2912	ODA1	489286.8675	4557861.09	77.7	dig	
2913	ODA1	489286.8675	4557852.899	97	dig	
2914	ODA1	489286.8675	4557871.568	86.3	dig	
2915	ODA1	489286.95	4557813.9	6.6	dig	
2916	ODA1	489287.058	4557936.528	546.7	dig	
2917	ODA1	489287.058	4557859.757	61	dig	
2918	ODA1	489287.058	4557827.943	132	dig	
2919	ODA1	489287.2485	4557835.373	52.2	dig	
2920	ODA1	489287.2485	4557798.225	93.1	dig	
2921	ODA1	489287.2485	4557882.045	24.1	dig	
2922	ODA1	489287.2485	4557810.989	25.4	dig	
2923	ODA1	489287.2485	4557905.286	62.5	dig	
2924	ODA1	489287.2485	4557899.571	72.8	dig	
2925	ODA1	489287.2485	4557842.802	9.5	dig	
2926	ODA1	489287.25	4557834	6.8	dig	
2927	ODA1	489287.25	4557933	5.1	dig	
2928	ODA1	489287.4	4557843.45	6.8	dig	
2929	ODA1	489287.4	4557795.6	7.1	dig	
2930	ODA1	489287.4	4557965.1	6	dig	
2931	ODA1	489287.439	4557909.858	19.7	dig	
2932	ODA1	489287.439	4557901.667	82.9	dig	
2933	ODA1	489287.439	4557887.76	34	dig	
2934	ODA1	489287.439	4557907.191	61.4	dig	
2935	ODA1	489287.6295	4557794.225	10.2	dig	
2936	ODA1	489287.6295	4557866.805	69.3	dig	
2937	ODA1	489287.6295	4557787.367	73.7	dig	
2938	ODA1	489287.6295	4557892.332	39.3	dig	
2939	ODA1	489287.6295	4557890.427	28	dig	
2940	ODA1	489287.6295	4557805.464	10.3	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
2941	ODA1	489287.6295	4557857.28	555.9	dig	
2942	ODA1	489287.7	4557825.9	7	dig	
2943	ODA1	489287.82	4557960.531	8.4	dig	
2944	ODA1	489287.82	4557895.19	42.2	dig	
2945	ODA1	489287.85	4557816.6	5.4	dig	
2946	ODA1	489288	4557962.1	7.1	dig	
2947	ODA1	489288.0105	4557886.808	51.8	dig	
2948	ODA1	489288.0105	4557957.864	147.7	dig	
2949	ODA1	489288.15	4557789.6	7.7	dig	
2950	ODA1	489288.201	4557849.851	1249.9	dig	
2951	ODA1	489288.201	4557807.941	8.6	dig	
2952	ODA1	489288.3915	4557899.19	78.1	dig	
2953	ODA1	489288.3915	4557903.762	58.6	dig	
2954	ODA1	489288.3915	4557854.232	80.6	dig	
2955	ODA1	489288.3915	4557901.286	74.3	dig	
2956	ODA1	489288.3915	4557863.186	98.8	dig	
2957	ODA1	489288.3915	4557846.612	39.2	dig	
2958	ODA1	489288.3915	4557817.656	9.8	dig	
2959	ODA1	489288.45	4557820.65	5.4	dig	
2960	ODA1	489288.582	4557879.569	59.2	dig	
2961	ODA1	489288.582	4557878.045	51.5	dig	
2962	ODA1	489288.6	4557805.5	5.4	dig	
2963	ODA1	489288.6	4557826.95	5.8	dig	
2964	ODA1	489288.75	4557832.65	7.3	dig	
2965	ODA1	489288.7725	4557852.518	81.2	dig	
2966	ODA1	489288.7725	4557838.421	31.3	dig	
2967	ODA1	489288.7725	4557835.373	12.1	dig	
2968	ODA1	489288.7725	4557864.329	76.3	dig	
2969	ODA1	489288.7725	4557828.515	11.3	dig	
2970	ODA1	489288.9	4557793.35	6.1	dig	
2971	ODA1	489288.9	4557792.6	6.1	dig	
2972	ODA1	489288.963	4557896.523	60.4	dig	
2973	ODA1	489288.963	4557862.043	91.3	dig	
2974	ODA1	489288.963	4557790.224	10.3	dig	
2975	ODA1	489288.963	4557963.198	18.6	dig	
2976	ODA1	489289.05	4557936.45	6.6	dig	
2977	ODA1	489289.1535	4557868.139	84.6	dig	
2978	ODA1	489289.1535	4557796.511	10	dig	
2979	ODA1	489289.1535	4557866.424	66.1	dig	
2980	ODA1	489289.1535	4557907.382	68.2	dig	
2981	ODA1	489289.1535	4557855.185	94.8	dig	
2982	ODA1	489289.1535	4557880.521	61.8	dig	
2983	ODA1	489289.2	4557911.55	5.3	dig	
2984	ODA1	489289.2	4557802.5	6.5	dig	
2985	ODA1	489289.344	4557909.858	28.2	dig	
2986	ODA1	489289.344	4557908.906	26.9	dig	
2987	ODA1	489289.344	4557811.37	17.1	dig	
2988	ODA1	489289.344	4557830.61	26.4	dig	
2989	ODA1	489289.35	4557827.4	7.3	dig	
2990	ODA1	489289.5345	4557882.236	84.2	dig	
2991	ODA1	489289.5345	4557899.762	71.2	dig	
2992	ODA1	489289.5345	4557790.415	10.1	dig	
2993	ODA1	489289.5345	4557801.083	8.8	dig	
2994	ODA1	489289.65	4557931.8	5.1	dig	
2995	ODA1	489289.65	4557793.5	6.4	dig	
2996	ODA1	489289.725	4557889.665	50.4	dig	
2997	ODA1	489289.725	4557905.858	42.7	dig	
2998	ODA1	489289.725	4557850.803	47.5	dig	
2999	ODA1	489289.725	4557796.701	9.8	dig	
3000	ODA1	489289.725	4557875.949	148.7	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
3001	ODA1	489289.9155	4557902.429	110.7	dig	
3002	ODA1	489289.9155	4557890.618	34.5	dig	
3003	ODA1	489289.9155	4557782.985	9.1	dig	
3004	ODA1	489289.9155	4557856.137	87.8	dig	
3005	ODA1	489289.9155	4557794.987	11.9	dig	
3006	ODA1	489289.9155	4557813.465	16.6	dig	
3007	ODA1	489289.9155	4557814.989	21.9	dig	
3008	ODA1	489289.9155	4557809.655	25.8	dig	
3009	ODA1	489289.9155	4557858.423	77.2	dig	
3010	ODA1	489290.1	4557820.35	6.4	dig	
3011	ODA1	489290.106	4557882.617	79.1	dig	
3012	ODA1	489290.106	4557870.615	122.3	dig	
3013	ODA1	489290.2965	4557876.521	155.7	dig	
3014	ODA1	489290.2965	4557849.279	34.9	dig	
3015	ODA1	489290.2965	4557788.129	13.4	dig	
3016	ODA1	489290.2965	4557826.991	14.8	dig	
3017	ODA1	489290.2965	4557831.753	10	dig	
3018	ODA1	489290.2965	4557883.76	77.2	dig	
3019	ODA1	489290.2965	4557872.139	178.2	dig	
3020	ODA1	489290.2965	4557960.341	12.8	dig	
3021	ODA1	489290.487	4557894.428	38.1	dig	
3022	ODA1	489290.487	4557796.32	13.4	dig	
3023	ODA1	489290.487	4557886.236	54.3	dig	
3024	ODA1	489290.6775	4557802.607	13.5	dig	
3025	ODA1	489290.6775	4557866.615	91.1	dig	
3026	ODA1	489290.7	4557805.65	6	dig	
3027	ODA1	489290.868	4557963.96	21.2	dig	
3028	ODA1	489290.868	4557867.758	80.9	dig	
3029	ODA1	489290.868	4557834.42	118.7	dig	
3030	ODA1	489290.868	4557865.662	88.6	dig	
3031	ODA1	489291.249	4557808.322	22.6	dig	
3032	ODA1	489291.3	4557954.75	5.6	dig	
3033	ODA1	489291.4395	4557901.286	60.1	dig	
3034	ODA1	489291.4395	4557853.851	81.1	dig	
3035	ODA1	489291.4395	4557958.817	17.2	dig	
3036	ODA1	489291.4395	4557863.186	101	dig	
3037	ODA1	489291.4395	4557792.51	26.2	dig	
3038	ODA1	489291.4395	4557860.709	81.9	dig	
3039	ODA1	489291.63	4557857.471	85.9	dig	
3040	ODA1	489291.63	4557813.275	29.2	dig	
3041	ODA1	489291.63	4557824.324	72.7	dig	
3042	ODA1	489291.63	4557870.044	151.8	dig	
3043	ODA1	489291.63	4557862.424	107.6	dig	
3044	ODA1	489291.63	4557822.8	21.7	dig	
3045	ODA1	489291.75	4557934.8	7	dig	
3046	ODA1	489291.75	4557829.35	7.8	dig	
3047	ODA1	489291.75	4557794.7	6.2	dig	
3048	ODA1	489291.8205	4557908.144	32.1	dig	
3049	ODA1	489291.8205	4557827.372	18.3	dig	
3050	ODA1	489291.8205	4557887.379	93	dig	
3051	ODA1	489291.8205	4557854.232	82	dig	
3052	ODA1	489291.8205	4557873.854	87.4	dig	
3053	ODA1	489291.8205	4557832.325	24	dig	
3054	ODA1	489291.9	4557805.05	7.6	dig	
3055	ODA1	489291.9	4557806.55	7.9	dig	
3056	ODA1	489291.9	4557841.8	5.2	dig	
3057	ODA1	489292.011	4557859.566	72.6	dig	
3058	ODA1	489292.011	4557785.843	62.5	dig	
3059	ODA1	489292.011	4557897.857	33.4	dig	
3060	ODA1	489292.011	4557881.283	93.5	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
3061	ODA1	489292.05	4557798	6.1	dig	
3062	ODA1	489292.05	4557959.85	5	dig	
3063	ODA1	489292.2	4557799.8	7.4	dig	
3064	ODA1	489292.2	4557961.8	7.5	dig	
3065	ODA1	489292.2	4557794.1	6.6	dig	
3066	ODA1	489292.2015	4557810.798	8.1	dig	
3067	ODA1	489292.2015	4557855.756	96	dig	
3068	ODA1	489292.35	4557806.7	5.3	dig	
3069	ODA1	489292.392	4557816.513	63.9	dig	
3070	ODA1	489292.392	4557893.285	68.1	dig	
3071	ODA1	489292.5	4557794.55	6.2	dig	
3072	ODA1	489292.5825	4557875.949	86.1	dig	
3073	ODA1	489292.5825	4557939.195	24.4	dig	
3074	ODA1	489292.5825	4557952.149	13	dig	
3075	ODA1	489292.773	4557799.559	8.1	dig	
3076	ODA1	489292.773	4557803.369	47.2	dig	
3077	ODA1	489292.773	4557845.66	11.1	dig	
3078	ODA1	489292.773	4557835.182	199.7	dig	
3079	ODA1	489292.773	4557901.095	58.8	dig	
3080	ODA1	489292.9635	4557873.092	68.5	dig	
3081	ODA1	489292.9635	4557895.761	27.2	dig	
3082	ODA1	489292.9635	4557900.333	52.2	dig	
3083	ODA1	489293.1	4557956.55	6.5	dig	
3084	ODA1	489293.1	4557795	6.5	dig	
3085	ODA1	489293.154	4557903.762	46.9	dig	
3086	ODA1	489293.154	4557826.991	22.7	dig	
3087	ODA1	489293.154	4557866.996	85.4	dig	
3088	ODA1	489293.154	4557909.858	65.4	dig	
3089	ODA1	489293.25	4557814.35	6.7	dig	
3090	ODA1	489293.3445	4557824.705	10.2	dig	
3091	ODA1	489293.3445	4557871.377	86.3	dig	
3092	ODA1	489293.3445	4557880.712	126.8	dig	
3093	ODA1	489293.3445	4557818.609	48.5	dig	
3094	ODA1	489293.3445	4557790.415	229.5	dig	
3095	ODA1	489293.3445	4557837.659	104.9	dig	
3096	ODA1	489293.3445	4557940.148	10.4	dig	
3097	ODA1	489293.535	4557856.899	71.6	dig	
3098	ODA1	489293.535	4557833.658	149.6	dig	
3099	ODA1	489293.535	4557838.992	303.5	dig	
3100	ODA1	489293.535	4557884.141	120.9	dig	
3101	ODA1	489293.535	4557892.713	51.7	dig	
3102	ODA1	489293.55	4557967.35	5.7	dig	
3103	ODA1	489293.7	4557954	5.8	dig	
3104	ODA1	489293.7255	4557887.57	103.3	dig	
3105	ODA1	489293.7255	4557899.762	54.2	dig	
3106	ODA1	489293.7255	4557882.045	88.8	dig	
3107	ODA1	489293.85	4557815.25	7.1	dig	
3108	ODA1	489293.916	4557905.667	95.7	dig	
3109	ODA1	489293.916	4557822.228	53.3	dig	
3110	ODA1	489294	4557820.65	6.4	dig	
3111	ODA1	489294	4557962.7	7.7	dig	
3112	ODA1	489294	4557792.9	5.2	dig	
3113	ODA1	489294.1065	4557889.665	86.3	dig	
3114	ODA1	489294.1065	4557831.563	51.5	dig	
3115	ODA1	489294.1065	4557876.521	109.2	dig	
3116	ODA1	489294.15	4557967.35	6.2	dig	
3117	ODA1	489294.297	4557898.047	35.7	dig	
3118	ODA1	489294.297	4557939.005	17.2	dig	
3119	ODA1	489294.297	4557896.142	28.7	dig	
3120	ODA1	489294.297	4557907.953	28.8	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
3121	ODA1	489294.45	4557795.15	7.3	dig	
3122	ODA1	489294.4875	4557877.664	97.5	dig	
3123	ODA1	489294.4875	4557891.951	50.3	dig	
3124	ODA1	489294.4875	4557949.482	8.9	dig	
3125	ODA1	489294.4875	4557796.701	19.4	dig	
3126	ODA1	489294.4875	4557813.465	26.8	dig	
3127	ODA1	489294.4875	4557901.857	66.2	dig	
3128	ODA1	489294.6	4557793.2	6.6	dig	
3129	ODA1	489294.678	4557826.61	13.4	dig	
3130	ODA1	489294.678	4557812.132	26.7	dig	
3131	ODA1	489294.8685	4557836.135	134.1	dig	
3132	ODA1	489294.9	4557794.7	6.5	dig	
3133	ODA1	489295.05	4557844.05	6.3	dig	
3134	ODA1	489295.05	4557940.2	7.9	dig	
3135	ODA1	489295.05	4557936.45	7.5	dig	
3136	ODA1	489295.059	4557797.654	101.9	dig	
3137	ODA1	489295.059	4557892.523	54.7	dig	
3138	ODA1	489295.2	4557801.15	6.4	dig	
3139	ODA1	489295.2495	4557905.477	63.1	dig	
3140	ODA1	489295.2495	4557808.512	857.4	dig	
3141	ODA1	489295.2495	4557874.616	44.6	dig	
3142	ODA1	489295.2495	4557910.239	11	dig	
3143	ODA1	489295.35	4557911.1	6.4	dig	
3144	ODA1	489295.35	4557794.7	7.6	dig	
3145	ODA1	489295.35	4557816.3	7.4	dig	
3146	ODA1	489295.35	4557948.6	6.9	dig	
3147	ODA1	489295.44	4557820.895	10.7	dig	
3148	ODA1	489295.44	4557863.757	23.9	dig	
3149	ODA1	489295.44	4557953.102	47.6	dig	
3150	ODA1	489295.44	4557946.434	36.7	dig	
3151	ODA1	489295.5	4557814.65	6.1	dig	
3152	ODA1	489295.5	4557932.85	5.3	dig	
3153	ODA1	489295.6305	4557796.511	105.5	dig	
3154	ODA1	489295.6305	4557830.61	48.6	dig	
3155	ODA1	489295.6305	4557832.134	40.2	dig	
3156	ODA1	489295.6305	4557879.378	182.2	dig	
3157	ODA1	489295.65	4557961.5	7.4	dig	
3158	ODA1	489295.65	4557800.1	6.2	dig	
3159	ODA1	489295.8	4557963.9	5.1	dig	
3160	ODA1	489295.821	4557905.096	71.7	dig	
3161	ODA1	489295.821	4557828.134	13.2	dig	
3162	ODA1	489296.0115	4557907.763	31.3	dig	
3163	ODA1	489296.0115	4557823.562	17.7	dig	
3164	ODA1	489296.0115	4557903.953	71.4	dig	
3165	ODA1	489296.0115	4557902.048	62.8	dig	
3166	ODA1	489296.0115	4557861.281	105.2	dig	
3167	ODA1	489296.0115	4557850.803	79.9	dig	
3168	ODA1	489296.202	4557822.609	17.9	dig	
3169	ODA1	489296.202	4557802.988	24	dig	
3170	ODA1	489296.202	4557819.371	9.9	dig	
3171	ODA1	489296.202	4557943.767	8.3	dig	
3172	ODA1	489296.202	4557818.609	14.6	dig	
3173	ODA1	489296.25	4557966.6	6.3	dig	
3174	ODA1	489296.25	4557961.35	6.3	dig	
3175	ODA1	489296.3925	4557840.707	85.3	dig	
3176	ODA1	489296.3925	4557865.472	31.9	dig	
3177	ODA1	489296.583	4557910.239	45.6	dig	
3178	ODA1	489296.583	4557804.893	361.6	dig	
3179	ODA1	489296.583	4557896.333	37.8	dig	
3180	ODA1	489296.583	4557843.183	185.8	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
3181	ODA1	489296.583	4557887.57	69.3	dig	
3182	ODA1	489296.583	4557810.227	15.4	dig	
3183	ODA1	489296.7	4557797.7	6.2	dig	
3184	ODA1	489296.7	4557948.45	5.8	dig	
3185	ODA1	489296.7735	4557890.427	29.6	dig	
3186	ODA1	489296.7735	4557858.423	194.8	dig	
3187	ODA1	489296.7735	4557806.036	448.9	dig	
3188	ODA1	489296.7735	4557900.905	56	dig	
3189	ODA1	489296.7735	4557884.903	53.6	dig	
3190	ODA1	489296.7735	4557959.388	9.2	dig	
3191	ODA1	489296.964	4557794.796	646.1	dig	
3192	ODA1	489296.964	4557934.623	144.4	dig	
3193	ODA1	489297	4557797.1	5.2	dig	
3194	ODA1	489297.15	4557825.3	5.4	dig	
3195	ODA1	489297.15	4557820.65	5.2	dig	
3196	ODA1	489297.1545	4557871.949	115.6	dig	
3197	ODA1	489297.1545	4557869.472	64.4	dig	
3198	ODA1	489297.1545	4557893.285	33.9	dig	
3199	ODA1	489297.1545	4557942.815	15.4	dig	
3200	ODA1	489297.345	4557907.382	33.6	dig	
3201	ODA1	489297.345	4557800.702	518.8	dig	
3202	ODA1	489297.345	4557841.088	80.8	dig	
3203	ODA1	489297.5355	4557866.424	24.2	dig	
3204	ODA1	489297.5355	4557955.388	91.8	dig	
3205	ODA1	489297.6	4557940.35	7.2	dig	
3206	ODA1	489297.6	4557957.45	6.9	dig	
3207	ODA1	489297.726	4557814.418	409.3	dig	
3208	ODA1	489297.726	4557795.749	925.6	dig	
3209	ODA1	489297.726	4557832.325	78	dig	
3210	ODA1	489297.726	4557863.567	11.3	dig	
3211	ODA1	489297.726	4557878.616	101.9	dig	
3212	ODA1	489297.75	4557944.4	7.7	dig	
3213	ODA1	489297.75	4557952.05	5.8	dig	
3214	ODA1	489297.9	4557949.65	7.4	dig	
3215	ODA1	489297.9165	4557837.087	28.5	dig	
3216	ODA1	489297.9165	4557841.85	46.3	dig	
3217	ODA1	489297.9165	4557876.521	111.6	dig	
3218	ODA1	489297.9165	4557823.181	15.6	dig	
3219	ODA1	489297.9165	4557848.517	18.4	dig	
3220	ODA1	489297.9165	4557946.053	9.5	dig	
3221	ODA1	489298.107	4557844.707	45.6	dig	
3222	ODA1	489298.107	4557935.766	21.7	dig	
3223	ODA1	489298.107	4557905.667	67.3	dig	
3224	ODA1	489298.107	4557874.616	49.6	dig	
3225	ODA1	489298.107	4557830.229	28.8	dig	
3226	ODA1	489298.2975	4557804.131	48.6	dig	
3227	ODA1	489298.2975	4557874.235	47.8	dig	
3228	ODA1	489298.35	4557861.3	5.1	dig	
3229	ODA1	489298.488	4557802.797	32.1	dig	
3230	ODA1	489298.488	4557809.084	1970.9	dig	
3231	ODA1	489298.5	4557946.65	6.9	dig	
3232	ODA1	489298.6785	4557802.416	33.2	dig	
3233	ODA1	489298.6785	4557818.799	23.9	dig	
3234	ODA1	489298.6785	4557881.283	43.6	dig	
3235	ODA1	489298.6785	4557883.95	17.5	dig	
3236	ODA1	489298.869	4557836.135	50.8	dig	
3237	ODA1	489298.869	4557839.564	170	dig	
3238	ODA1	489298.869	4557827.372	67.1	dig	
3239	ODA1	489298.869	4557845.088	44.9	dig	
3240	ODA1	489298.869	4557903.953	49.5	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
3241	ODA1	489298.869	4557822.228	16.2	dig	
3242	ODA1	489298.869	4557831.182	34.6	dig	
3243	ODA1	489298.869	4557834.42	94.5	dig	
3244	ODA1	489299.1	4557940.05	7.3	dig	
3245	ODA1	489299.1	4557861.75	5.2	dig	
3246	ODA1	489299.25	4557868.901	35.4	dig	
3247	ODA1	489299.25	4557812.513	396.1	dig	
3248	ODA1	489299.4	4557945.75	6.2	dig	
3249	ODA1	489299.4405	4557825.086	24.8	dig	
3250	ODA1	489299.631	4557845.85	43.2	dig	
3251	ODA1	489299.7	4557940.05	7.7	dig	
3252	ODA1	489299.7	4557892.65	7.6	dig	
3253	ODA1	489299.7	4557935.4	7.2	dig	
3254	ODA1	489299.8215	4557803.75	169.7	dig	
3255	ODA1	489299.8215	4557907.001	24.6	dig	
3256	ODA1	489299.8215	4557841.659	429	dig	
3257	ODA1	489299.85	4557942.3	7.8	dig	
3258	ODA1	489299.85	4557954.3	5.6	dig	
3259	ODA1	489299.85	4557954.75	5.5	dig	
3260	ODA1	489299.85	4557955.95	6.6	dig	
3261	ODA1	489300	4557952.8	5.5	dig	
3262	ODA1	489300.012	4557814.418	131.3	dig	
3263	ODA1	489300.012	4557848.136	33.5	dig	
3264	ODA1	489300.2025	4557829.277	33.2	dig	
3265	ODA1	489300.2025	4557947.006	11.2	dig	
3266	ODA1	489300.2025	4557821.085	22.3	dig	
3267	ODA1	489300.2025	4557828.515	34.7	dig	
3268	ODA1	489300.2025	4557871.187	24.2	dig	
3269	ODA1	489300.393	4557799.559	102.7	dig	
3270	ODA1	489300.393	4557906.429	30.5	dig	
3271	ODA1	489300.393	4557837.278	48.9	dig	
3272	ODA1	489300.393	4557795.749	368.2	dig	
3273	ODA1	489300.45	4557793.8	5.3	dig	
3274	ODA1	489300.5835	4557831.944	46.2	dig	
3275	ODA1	489300.5835	4557932.718	103.2	dig	
3276	ODA1	489300.5835	4557802.607	102	dig	
3277	ODA1	489300.5835	4557816.894	206.3	dig	
3278	ODA1	489300.6	4557943.05	7.4	dig	
3279	ODA1	489300.75	4557867.15	5.8	dig	
3280	ODA1	489300.75	4557952.2	7.7	dig	
3281	ODA1	489300.774	4557826.991	28.4	dig	
3282	ODA1	489300.9645	4557835.182	49.8	dig	
3283	ODA1	489300.9645	4557830.61	56.4	dig	
3284	ODA1	489300.9645	4557822.609	33.8	dig	
3285	ODA1	489300.9645	4557949.482	29.2	dig	
3286	ODA1	489300.9645	4557823.943	29	dig	
3287	ODA1	489301.05	4557880.35	5.1	dig	
3288	ODA1	489301.155	4557838.992	79	dig	
3289	ODA1	489301.3455	4557849.851	182.3	dig	
3290	ODA1	489301.3455	4557891.951	25.2	dig	
3291	ODA1	489301.3455	4557819.561	262.9	dig	
3292	ODA1	489301.3455	4557854.804	19.6	dig	
3293	ODA1	489301.35	4557893.4	5	dig	
3294	ODA1	489301.5	4557947.55	5.5	dig	
3295	ODA1	489301.5	4557870.3	6.2	dig	
3296	ODA1	489301.5	4557789.3	7.1	dig	
3297	ODA1	489301.536	4557846.231	166.8	dig	
3298	ODA1	489301.65	4557955.5	6.5	dig	
3299	ODA1	489301.7265	4557847.565	197.7	dig	
3300	ODA1	489301.7265	4557837.278	60.2	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
3301	ODA1	489301.917	4557941.672	202.8	dig	
3302	ODA1	489301.917	4557936.909	8.7	dig	
3303	ODA1	489301.917	4557887.76	99.7	dig	
3304	ODA1	489301.917	4557835.754	49.5	dig	
3305	ODA1	489301.917	4557939.386	87.2	dig	
3306	ODA1	489302.1075	4557786.795	10.5	dig	
3307	ODA1	489302.1075	4557798.797	1818.3	dig	
3308	ODA1	489302.1075	4557857.852	30.9	dig	
3309	ODA1	489302.25	4557859.8	5.3	dig	
3310	ODA1	489302.298	4557815.37	32.7	dig	
3311	ODA1	489302.298	4557831.753	58	dig	
3312	ODA1	489302.4	4557870.75	6.8	dig	
3313	ODA1	489302.4	4557947.1	6.4	dig	
3314	ODA1	489302.4885	4557821.657	150.7	dig	
3315	ODA1	489302.4885	4557842.421	1112.4	dig	
3316	ODA1	489302.4885	4557833.277	31.5	dig	
3317	ODA1	489302.4885	4557826.61	36.1	dig	
3318	ODA1	489302.4885	4557829.277	80.1	dig	
3319	ODA1	489302.679	4557803.369	78.9	dig	
3320	ODA1	489302.85	4557805.5	5.6	dig	
3321	ODA1	489302.8695	4557818.037	29.3	dig	
3322	ODA1	489302.8695	4557902.619	100.7	dig	
3323	ODA1	489302.8695	4557849.66	152.7	dig	
3324	ODA1	489302.8695	4557899.952	15.2	dig	
3325	ODA1	489302.8695	4557946.434	9.9	dig	
3326	ODA1	489302.8695	4557824.133	35	dig	
3327	ODA1	489303	4557952.2	6.3	dig	
3328	ODA1	489303.06	4557801.845	192.9	dig	
3329	ODA1	489303.06	4557948.53	26.5	dig	
3330	ODA1	489303.06	4557855.566	22.9	dig	
3331	ODA1	489303.06	4557834.42	40.7	dig	
3332	ODA1	489303.06	4557813.275	27	dig	
3333	ODA1	489303.2505	4557837.468	62.8	dig	
3334	ODA1	489303.2505	4557838.611	71.7	dig	
3335	ODA1	489303.441	4557846.041	87.6	dig	
3336	ODA1	489303.441	4557889.094	30.3	dig	
3337	ODA1	489303.441	4557823.181	32.2	dig	
3338	ODA1	489303.45	4557897.3	5.8	dig	
3339	ODA1	489303.6	4557953.4	6.8	dig	
3340	ODA1	489303.6315	4557799.559	1668.3	dig	
3341	ODA1	489303.75	4557950.25	7.6	dig	
3342	ODA1	489303.822	4557961.674	315.2	dig	
3343	ODA1	489303.822	4557840.516	176.4	dig	
3344	ODA1	489303.822	4557824.895	39.6	dig	
3345	ODA1	489303.822	4557836.706	50.1	dig	
3346	ODA1	489303.822	4557806.226	39.7	dig	
3347	ODA1	489303.822	4557797.463	241.2	dig	
3348	ODA1	489303.822	4557827.562	40	dig	
3349	ODA1	489303.822	4557808.703	44.6	dig	
3350	ODA1	489304.0125	4557873.282	37.8	dig	
3351	ODA1	489304.0125	4557875.187	97.6	dig	
3352	ODA1	489304.0125	4557865.091	11.1	dig	
3353	ODA1	489304.0125	4557841.85	164	dig	
3354	ODA1	489304.05	4557883.05	5.3	dig	
3355	ODA1	489304.203	4557890.427	12	dig	
3356	ODA1	489304.203	4557894.618	70.2	dig	
3357	ODA1	489304.203	4557899	26.2	dig	
3358	ODA1	489304.203	4557939.195	10.2	dig	
3359	ODA1	489304.203	4557938.243	9.8	dig	
3360	ODA1	489304.203	4557830.42	45.5	dig	

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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
3361	ODA1	489304.584	4557954.626	8.3	dig	
3362	ODA1	489304.584	4557818.609	51	dig	
3363	ODA1	489304.584	4557817.275	24.2	dig	
3364	ODA1	489304.584	4557861.09	142.5	dig	
3365	ODA1	489304.584	4557877.473	18.6	dig	
3366	ODA1	489304.584	4557899.952	23.4	dig	
3367	ODA1	489304.65	4557955.65	7	dig	
3368	ODA1	489304.7745	4557833.468	31.1	dig	
3369	ODA1	489304.7745	4557872.711	36.5	dig	
3370	ODA1	489304.965	4557848.327	69.3	dig	
3371	ODA1	489304.965	4557950.625	8.3	dig	
3372	ODA1	489304.965	4557845.279	38.5	dig	
3373	ODA1	489304.965	4557879.188	61.6	dig	
3374	ODA1	489304.965	4557939.386	10.5	dig	
3375	ODA1	489305.1	4557949.35	5.9	dig	
3376	ODA1	489305.1	4557943.5	6.1	dig	
3377	ODA1	489305.1555	4557849.66	112.5	dig	
3378	ODA1	489305.1555	4557892.713	33	dig	
3379	ODA1	489305.25	4557953.25	5.2	dig	
3380	ODA1	489305.25	4557951.6	5.8	dig	
3381	ODA1	489305.25	4557774.75	6.2	dig	
3382	ODA1	489305.346	4557806.607	52.8	dig	
3383	ODA1	489305.346	4557983.391	92.3	dig	
3384	ODA1	489305.346	4557857.471	65.3	dig	
3385	ODA1	489305.346	4557946.625	34.8	dig	
3386	ODA1	489305.346	4557837.087	60.1	dig	
3387	ODA1	489305.5365	4557870.425	54.7	dig	
3388	ODA1	489305.5365	4557829.467	38	dig	
3389	ODA1	489305.5365	4557962.436	122	dig	
3390	ODA1	489305.5365	4557976.724	320.6	dig	
3391	ODA1	489305.5365	4557876.521	23.3	dig	
3392	ODA1	489305.727	4557824.324	58.4	dig	
3393	ODA1	489305.727	4557864.519	19.6	dig	
3394	ODA1	489305.727	4557809.846	323.8	dig	
3395	ODA1	489305.727	4557822.609	39.9	dig	
3396	ODA1	489305.9175	4557891.189	35.9	dig	
3397	ODA1	489305.9175	4557902.048	431.9	dig	
3398	ODA1	489305.9175	4557862.614	65.6	dig	
3399	ODA1	489305.9175	4557802.607	516.9	dig	
3400	ODA1	489305.9175	4557883.569	172.9	dig	
3401	ODA1	489305.9175	4557903.572	300	dig	
3402	ODA1	489305.9175	4557888.522	45.3	dig	
3403	ODA1	489305.9175	4557803.75	303.6	dig	
3404	ODA1	489305.9175	4557852.518	57.1	dig	
3405	ODA1	489306.15	4557958.95	6.8	dig	
3406	ODA1	489306.2985	4557842.612	23.8	dig	
3407	ODA1	489306.2985	4557859.947	195.7	dig	
3408	ODA1	489306.2985	4557978.057	47.4	dig	
3409	ODA1	489306.3	4557959.7	6.5	dig	
3410	ODA1	489306.45	4557971.85	5.3	dig	
3411	ODA1	489306.489	4557834.23	40.3	dig	
3412	ODA1	489306.489	4557846.422	59.8	dig	
3413	ODA1	489306.489	4557835.754	39	dig	
3414	ODA1	489306.6795	4557854.613	284.8	dig	
3415	ODA1	489306.6795	4557798.606	988.9	dig	
3416	ODA1	489306.6795	4557856.518	59.8	dig	
3417	ODA1	489306.6795	4557886.236	32.5	dig	
3418	ODA1	489306.6795	4557814.799	38.4	dig	
3419	ODA1	489306.6795	4557875.187	31.7	dig	
3420	ODA1	489306.87	4557804.893	1135.2	dig	

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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
3421	ODA1	489306.87	4557825.467	62.3	dig	
3422	ODA1	489306.87	4557942.624	9.6	dig	
3423	ODA1	489306.87	4557955.388	8	dig	
3424	ODA1	489306.87	4557907.191	23.8	dig	
3425	ODA1	489307.0605	4557933.48	49.9	dig	
3426	ODA1	489307.0605	4557882.617	247	dig	
3427	ODA1	489307.0605	4557964.532	14.4	dig	
3428	ODA1	489307.0605	4557869.663	113	dig	
3429	ODA1	489307.251	4557879.378	101.8	dig	
3430	ODA1	489307.251	4557941.862	8.4	dig	
3431	ODA1	489307.251	4557850.613	255.4	dig	
3432	ODA1	489307.4415	4557894.237	61.8	dig	
3433	ODA1	489307.4415	4557948.149	39.7	dig	
3434	ODA1	489307.4415	4557766.221	8	dig	
3435	ODA1	489307.4415	4557808.131	1002.2	dig	
3436	ODA1	489307.4415	4557844.326	36.2	dig	
3437	ODA1	489307.4415	4557862.614	67.3	dig	
3438	ODA1	489307.5	4557943.2	6	dig	
3439	ODA1	489307.632	4557835.944	50.3	dig	
3440	ODA1	489307.632	4557832.515	44.6	dig	
3441	ODA1	489307.632	4557820.133	107.9	dig	
3442	ODA1	489307.632	4557826.991	50.1	dig	
3443	ODA1	489307.8225	4557834.42	56.4	dig	
3444	ODA1	489307.8225	4557822.419	35.7	dig	
3445	ODA1	489307.95	4557817.65	6.7	dig	
3446	ODA1	489308.013	4557868.329	74.5	dig	
3447	ODA1	489308.013	4557838.04	39.5	dig	
3448	ODA1	489308.013	4557840.516	308.3	dig	
3449	ODA1	489308.013	4557829.658	42.8	dig	
3450	ODA1	489308.013	4557823.752	78.5	dig	
3451	ODA1	489308.013	4557815.751	9.7	dig	
3452	ODA1	489308.013	4557890.999	78.7	dig	
3453	ODA1	489308.013	4557801.273	3959.4	dig	
3454	ODA1	489308.2035	4557798.225	74.1	dig	
3455	ODA1	489308.2035	4557979.01	60.9	dig	
3456	ODA1	489308.25	4557951.45	7.6	dig	
3457	ODA1	489308.394	4557830.991	49.4	dig	
3458	ODA1	489308.394	4557842.802	43.9	dig	
3459	ODA1	489308.394	4557871.377	76.5	dig	
3460	ODA1	489308.394	4557844.517	47.6	dig	
3461	ODA1	489308.5845	4557864.329	55.7	dig	
3462	ODA1	489308.5845	4557834.23	54.7	dig	
3463	ODA1	489308.5845	4557899.762	103.5	dig	
3464	ODA1	489308.775	4557860.709	89	dig	
3465	ODA1	489308.775	4557868.329	75.7	dig	
3466	ODA1	489308.9655	4557854.994	508.7	dig	
3467	ODA1	489308.9655	4557795.368	157.2	dig	
3468	ODA1	489308.9655	4557807.941	257.4	dig	
3469	ODA1	489308.9655	4557898.428	196.7	dig	
3470	ODA1	489309	4557813.75	7.8	dig	
3471	ODA1	489309.156	4557869.853	72	dig	
3472	ODA1	489309.156	4557893.856	96.2	dig	
3473	ODA1	489309.156	4557821.466	38	dig	
3474	ODA1	489309.156	4557943.767	12.3	dig	
3475	ODA1	489309.3	4557960.45	5.3	dig	
3476	ODA1	489309.3465	4557934.623	21.6	dig	
3477	ODA1	489309.3465	4557822.99	91.2	dig	
3478	ODA1	489309.3465	4557937.671	15.7	dig	
3479	ODA1	489309.3465	4557882.998	157.4	dig	
3480	ODA1	489309.3465	4557803.369	166.9	dig	

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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
3481	ODA1	489309.3465	4557825.848	38	dig	
3482	ODA1	489309.3465	4557907.763	32.2	dig	
3483	ODA1	489309.3465	4557802.797	175.1	dig	
3484	ODA1	489309.3465	4557836.706	51.4	dig	
3485	ODA1	489309.537	4557829.277	34.8	dig	
3486	ODA1	489309.537	4557831.753	41.3	dig	
3487	ODA1	489309.537	4557825.276	36.6	dig	
3488	ODA1	489309.537	4557791.558	23	dig	
3489	ODA1	489309.7275	4557860.519	89.8	dig	
3490	ODA1	489309.7275	4557847.565	62.6	dig	
3491	ODA1	489309.75	4557816.9	5.3	dig	
3492	ODA1	489309.918	4557837.468	51.4	dig	
3493	ODA1	489309.918	4557853.661	67.2	dig	
3494	ODA1	489309.918	4557850.422	49.6	dig	
3495	ODA1	489310.1085	4557969.294	25.4	dig	
3496	ODA1	489310.1085	4557798.606	1003.7	dig	
3497	ODA1	489310.299	4557790.034	9.4	dig	
3498	ODA1	489310.299	4557889.856	157.7	dig	
3499	ODA1	489310.299	4557848.708	59.7	dig	
3500	ODA1	489310.299	4557816.513	13.4	dig	
3501	ODA1	489310.299	4557843.564	50.6	dig	
3502	ODA1	489310.299	4557873.473	49.9	dig	
3503	ODA1	489310.299	4557894.237	109	dig	
3504	ODA1	489310.4895	4557814.037	52.9	dig	
3505	ODA1	489310.4895	4557878.997	56.7	dig	
3506	ODA1	489310.4895	4557946.244	57.9	dig	
3507	ODA1	489310.4895	4557820.133	88.3	dig	
3508	ODA1	489310.4895	4557853.089	61	dig	
3509	ODA1	489310.68	4557900.524	109.6	dig	
3510	ODA1	489310.68	4557828.324	46.3	dig	
3511	ODA1	489310.68	4557826.61	33.1	dig	
3512	ODA1	489310.68	4557876.902	53.4	dig	
3513	ODA1	489310.68	4557807.369	19.6	dig	
3514	ODA1	489310.68	4557887.951	215.3	dig	
3515	ODA1	489310.8	4557958.05	7.7	dig	
3516	ODA1	489310.8705	4557842.802	52.1	dig	
3517	ODA1	489310.8705	4557970.437	18.6	dig	
3518	ODA1	489310.8705	4557846.231	51.1	dig	
3519	ODA1	489310.8705	4557795.558	28.8	dig	
3520	ODA1	489310.8705	4557939.576	20.2	dig	
3521	ODA1	489310.8705	4557836.135	44.4	dig	
3522	ODA1	489310.8705	4557905.667	13	dig	
3523	ODA1	489310.8705	4557938.814	19.2	dig	
3524	ODA1	489311.061	4557788.891	9	dig	
3525	ODA1	489311.061	4557858.042	119.5	dig	
3526	ODA1	489311.061	4557892.713	126.8	dig	
3527	ODA1	489311.061	4557811.179	72.4	dig	
3528	ODA1	489311.061	4557883.569	134.8	dig	
3529	ODA1	489311.2515	4557804.893	49.5	dig	
3530	ODA1	489311.2515	4557832.896	40.9	dig	
3531	ODA1	489311.2515	4557828.324	44.7	dig	
3532	ODA1	489311.4	4557903.15	7.8	dig	
3533	ODA1	489311.4	4557950.4	5.8	dig	
3534	ODA1	489311.442	4557789.462	11.1	dig	
3535	ODA1	489311.442	4557873.092	42.5	dig	
3536	ODA1	489311.442	4557851.946	61.2	dig	
3537	ODA1	489311.442	4557934.242	11.3	dig	
3538	ODA1	489311.6325	4557845.469	53	dig	
3539	ODA1	489311.6325	4557844.136	51.6	dig	
3540	ODA1	489311.6325	4557839.183	88	dig	

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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
3541	ODA1	489311.6325	4557833.849	43.1	dig	
3542	ODA1	489311.7	4557962.7	5.2	dig	
3543	ODA1	489311.823	4557861.09	210.2	dig	
3544	ODA1	489311.823	4557890.427	161.3	dig	
3545	ODA1	489311.823	4557802.797	98	dig	
3546	ODA1	489311.823	4557878.807	62.9	dig	
3547	ODA1	489311.85	4557806.1	5	dig	
3548	ODA1	489311.85	4557946.8	6.3	dig	
3549	ODA1	489312.0135	4557881.093	65	dig	
3550	ODA1	489312.0135	4557850.041	67.6	dig	
3551	ODA1	489312.0135	4557877.473	61.7	dig	
3552	ODA1	489312.204	4557817.085	748.8	dig	
3553	ODA1	489312.204	4557885.474	123	dig	
3554	ODA1	489312.204	4557875.187	52.4	dig	
3555	ODA1	489312.3945	4557908.715	22.4	dig	
3556	ODA1	489312.3945	4557896.333	119.6	dig	
3557	ODA1	489312.3945	4557864.138	121.3	dig	
3558	ODA1	489312.3945	4557951.578	8.2	dig	
3559	ODA1	489312.3945	4557873.854	58.6	dig	
3560	ODA1	489312.45	4557939.3	7.9	dig	
3561	ODA1	489312.45	4557966.3	5.3	dig	
3562	ODA1	489312.585	4557901.095	148.6	dig	
3563	ODA1	489312.585	4557794.034	369.5	dig	
3564	ODA1	489312.585	4557791.558	13.5	dig	
3565	ODA1	489312.585	4557893.475	94.7	dig	
3566	ODA1	489312.585	4557831.182	41.3	dig	
3567	ODA1	489312.585	4557894.618	114.3	dig	
3568	ODA1	489312.7755	4557898.619	116.9	dig	
3569	ODA1	489312.7755	4557830.039	44.6	dig	
3570	ODA1	489312.7755	4557823.371	31.8	dig	
3571	ODA1	489312.7755	4557809.655	14	dig	
3572	ODA1	489312.7755	4557815.37	75.3	dig	
3573	ODA1	489312.966	4557826.038	65.6	dig	
3574	ODA1	489312.966	4557813.084	17.6	dig	
3575	ODA1	489312.966	4557845.85	51.7	dig	
3576	ODA1	489312.966	4557821.657	22.4	dig	
3577	ODA1	489313.1565	4557867.948	237.4	dig	
3578	ODA1	489313.1565	4557836.516	48.7	dig	
3579	ODA1	489313.1565	4557839.183	57.8	dig	
3580	ODA1	489313.1565	4557880.902	78.7	dig	
3581	ODA1	489313.2	4557796.65	6.6	dig	
3582	ODA1	489313.347	4557853.28	57.5	dig	
3583	ODA1	489313.5375	4557887.57	170.4	dig	
3584	ODA1	489313.65	4557811.2	5.2	dig	
3585	ODA1	489313.65	4557800.7	5.9	dig	
3586	ODA1	489313.728	4557889.856	123.2	dig	
3587	ODA1	489313.728	4557903.572	32.6	dig	
3588	ODA1	489313.728	4557905.286	21.5	dig	
3589	ODA1	489313.9185	4557795.939	122.8	dig	
3590	ODA1	489313.9185	4557848.898	46.7	dig	
3591	ODA1	489313.9185	4557786.224	8.3	dig	
3592	ODA1	489313.9185	4557937.862	10.8	dig	
3593	ODA1	489313.95	4557940.35	6.7	dig	
3594	ODA1	489314.109	4557797.654	10.5	dig	
3595	ODA1	489314.109	4557860.709	185.4	dig	
3596	ODA1	489314.109	4557900.905	69	dig	
3597	ODA1	489314.109	4557841.85	48.3	dig	
3598	ODA1	489314.109	4557810.989	13.2	dig	
3599	ODA1	489314.2995	4557815.561	10.1	dig	
3600	ODA1	489314.2995	4557833.277	49	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
3601	ODA1	489314.49	4557863.186	116.7	dig	
3602	ODA1	489314.49	4557820.704	19.2	dig	
3603	ODA1	489314.49	4557869.472	299.6	dig	
3604	ODA1	489314.49	4557822.228	28.9	dig	
3605	ODA1	489314.49	4557877.283	49.3	dig	
3606	ODA1	489314.6805	4557884.522	56.7	dig	
3607	ODA1	489314.6805	4557832.134	45.2	dig	
3608	ODA1	489314.6805	4557794.606	111.3	dig	
3609	ODA1	489314.871	4557845.088	60.2	dig	
3610	ODA1	489314.871	4557846.993	60.5	dig	
3611	ODA1	489314.871	4557898.809	46.9	dig	
3612	ODA1	489314.871	4557881.093	70	dig	
3613	ODA1	489315	4557942.75	5.5	dig	
3614	ODA1	489315.0615	4557800.321	24.1	dig	
3615	ODA1	489315.0615	4557908.525	63	dig	
3616	ODA1	489315.0615	4557850.422	53.5	dig	
3617	ODA1	489315.252	4557823.943	36	dig	
3618	ODA1	489315.252	4557821.466	21.9	dig	
3619	ODA1	489315.252	4557872.139	119.6	dig	
3620	ODA1	489315.3	4557817.35	7	dig	
3621	ODA1	489315.4425	4557882.807	42.4	dig	
3622	ODA1	489315.4425	4557878.807	39.2	dig	
3623	ODA1	489315.4425	4557836.135	43.6	dig	
3624	ODA1	489315.6	4557965.1	6.1	dig	
3625	ODA1	489315.633	4557895.952	87.5	dig	
3626	ODA1	489315.633	4557899.952	77.2	dig	
3627	ODA1	489315.633	4557934.433	9.5	dig	
3628	ODA1	489315.633	4557932.528	11.1	dig	
3629	ODA1	489315.633	4557893.666	926.4	dig	
3630	ODA1	489315.633	4557801.845	60	dig	
3631	ODA1	489315.633	4557838.04	44.9	dig	
3632	ODA1	489315.75	4557796.8	5.1	dig	
3633	ODA1	489315.8235	4557900.714	68.6	dig	
3634	ODA1	489315.8235	4557866.234	51.6	dig	
3635	ODA1	489315.8235	4557903.953	66.5	dig	
3636	ODA1	489315.8235	4557878.616	38.6	dig	
3637	ODA1	489315.8235	4557881.283	70.7	dig	
3638	ODA1	489315.8235	4557782.985	12.7	dig	
3639	ODA1	489316.014	4557955.769	14.6	dig	
3640	ODA1	489316.014	4557855.947	129.5	dig	
3641	ODA1	489316.014	4557819.752	31.7	dig	
3642	ODA1	489316.014	4557885.665	45.5	dig	
3643	ODA1	489316.2	4557936.3	5.4	dig	
3644	ODA1	489316.2045	4557851.375	49.6	dig	
3645	ODA1	489316.2045	4557829.848	69.8	dig	
3646	ODA1	489316.2045	4557838.421	46.6	dig	
3647	ODA1	489316.2045	4557837.087	53.3	dig	
3648	ODA1	489316.2045	4557849.47	43.8	dig	
3649	ODA1	489316.35	4557963.3	7.7	dig	
3650	ODA1	489316.395	4557834.039	56.8	dig	
3651	ODA1	489316.395	4557876.14	38.2	dig	
3652	ODA1	489316.5855	4557796.13	10.3	dig	
3653	ODA1	489316.5855	4557860.9	61.8	dig	
3654	ODA1	489316.5855	4557898.238	54.3	dig	
3655	ODA1	489316.5855	4557873.663	46.7	dig	
3656	ODA1	489316.65	4557957.45	5.1	dig	
3657	ODA1	489316.65	4557809.25	6.6	dig	
3658	ODA1	489316.776	4557805.083	9.1	dig	
3659	ODA1	489316.776	4557864.519	83.1	dig	
3660	ODA1	489316.9665	4557834.801	64	dig	

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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
3661	ODA1	489316.9665	4557890.427	53.8	dig	
3662	ODA1	489316.9665	4557952.911	26.7	dig	
3663	ODA1	489317.157	4557906.429	481.9	dig	
3664	ODA1	489317.157	4557888.522	74.8	dig	
3665	ODA1	489317.157	4557843.564	26.4	dig	
3666	ODA1	489317.157	4557974.057	8	dig	
3667	ODA1	489317.25	4557957.3	5	dig	
3668	ODA1	489317.25	4557799.95	6.9	dig	
3669	ODA1	489317.25	4557795.75	5.1	dig	
3670	ODA1	489317.3475	4557852.327	65.6	dig	
3671	ODA1	489317.3475	4557827.943	29.8	dig	
3672	ODA1	489317.3475	4557818.609	33.2	dig	
3673	ODA1	489317.4	4557805.35	6.6	dig	
3674	ODA1	489317.538	4557816.323	13.5	dig	
3675	ODA1	489317.538	4557829.848	45.5	dig	
3676	ODA1	489317.538	4557901.476	42.5	dig	
3677	ODA1	489317.7285	4557813.275	17.9	dig	
3678	ODA1	489317.7285	4557929.48	47	dig	
3679	ODA1	489317.919	4557884.331	59.7	dig	
3680	ODA1	489317.919	4557839.373	37.1	dig	
3681	ODA1	489318	4557948.9	6.8	dig	
3682	ODA1	489318	4557946.65	6	dig	
3683	ODA1	489318.1095	4557864.138	92.7	dig	
3684	ODA1	489318.1095	4557862.233	75.9	dig	
3685	ODA1	489318.1095	4557943.196	120.5	dig	
3686	ODA1	489318.1095	4557821.466	34.6	dig	
3687	ODA1	489318.1095	4557824.514	33.7	dig	
3688	ODA1	489318.1095	4557894.809	42	dig	
3689	ODA1	489318.15	4557811.8	6.3	dig	
3690	ODA1	489318.3	4557892.904	44.5	dig	
3691	ODA1	489318.3	4557882.426	51.1	dig	
3692	ODA1	489318.3	4557826.419	90	dig	
3693	ODA1	489318.3	4557870.234	86	dig	
3694	ODA1	489318.3	4557823.371	35.3	dig	
3695	ODA1	489318.4905	4557842.802	26.2	dig	
3696	ODA1	489318.4905	4557884.903	56.4	dig	
3697	ODA1	489318.4905	4557887.951	76.1	dig	
3698	ODA1	489318.4905	4557873.092	42.7	dig	
3699	ODA1	489318.4905	4557874.997	43.9	dig	
3700	ODA1	489318.4905	4557954.245	10.9	dig	
3701	ODA1	489318.4905	4557848.708	369.4	dig	
3702	ODA1	489318.4905	4557893.856	44.5	dig	
3703	ODA1	489318.6	4557794.55	5.4	dig	
3704	ODA1	489318.681	4557935.576	477	dig	
3705	ODA1	489318.681	4557977.105	29.6	dig	
3706	ODA1	489318.681	4557889.665	113.2	dig	
3707	ODA1	489318.8715	4557834.42	51.1	dig	
3708	ODA1	489318.8715	4557863.186	66.5	dig	
3709	ODA1	489319.062	4557828.896	79.5	dig	
3710	ODA1	489319.062	4557929.48	30.3	dig	
3711	ODA1	489319.062	4557838.23	35.6	dig	
3712	ODA1	489319.062	4557898.428	39.6	dig	
3713	ODA1	489319.062	4557865.281	80.9	dig	
3714	ODA1	489319.2	4557777.9	6.3	dig	
3715	ODA1	489319.2525	4557896.904	38.4	dig	
3716	ODA1	489319.2525	4557852.899	46.2	dig	
3717	ODA1	489319.35	4557792	5.6	dig	
3718	ODA1	489319.443	4557895.952	41.5	dig	
3719	ODA1	489319.443	4557878.616	75.8	dig	
3720	ODA1	489319.443	4557877.092	101.8	dig	

Interpreted Anomalies at Open Demolition Area #1
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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
3721	ODA1	489319.443	4557938.243	369.3	dig	
3722	ODA1	489319.443	4557805.274	218.1	dig	
3723	ODA1	489319.5	4557801.45	6.9	dig	
3724	ODA1	489319.6335	4557955.578	14.6	dig	
3725	ODA1	489319.6335	4557901.095	122	dig	
3726	ODA1	489319.6335	4557857.661	183.3	dig	
3727	ODA1	489319.6335	4557846.422	31.6	dig	
3728	ODA1	489319.65	4557939.75	6.2	dig	
3729	ODA1	489319.95	4557785.1	6.4	dig	
3730	ODA1	489320.0145	4557817.847	46.6	dig	
3731	ODA1	489320.0145	4557902.81	34.9	dig	
3732	ODA1	489320.0145	4557841.469	65	dig	
3733	ODA1	489320.0145	4557826.991	43.3	dig	
3734	ODA1	489320.1	4557930.15	6.6	dig	
3735	ODA1	489320.205	4557802.416	8.2	dig	
3736	ODA1	489320.205	4557815.561	55.7	dig	
3737	ODA1	489320.205	4557891.57	64.5	dig	
3738	ODA1	489320.205	4557794.796	8.5	dig	
3739	ODA1	489320.3955	4557888.522	51.2	dig	
3740	ODA1	489320.3955	4557810.417	9.8	dig	
3741	ODA1	489320.3955	4557885.093	101.2	dig	
3742	ODA1	489320.4	4557959.7	6	dig	
3743	ODA1	489320.55	4557906.15	6.4	dig	
3744	ODA1	489320.55	4557944.85	5.8	dig	
3745	ODA1	489320.55	4557909.6	5.5	dig	
3746	ODA1	489320.586	4557826.229	43	dig	
3747	ODA1	489320.586	4557819.752	47.7	dig	
3748	ODA1	489320.586	4557796.701	20.2	dig	
3749	ODA1	489320.7	4557775.8	6.5	dig	
3750	ODA1	489320.7765	4557878.616	78.3	dig	
3751	ODA1	489320.7765	4557949.482	13.4	dig	
3752	ODA1	489320.7765	4557843.755	38.4	dig	
3753	ODA1	489320.7765	4557936.338	36.2	dig	
3754	ODA1	489320.7765	4557838.992	801.7	dig	
3755	ODA1	489320.7765	4557898.809	40.6	dig	
3756	ODA1	489320.967	4557863.186	58.4	dig	
3757	ODA1	489320.967	4557948.149	8.6	dig	
3758	ODA1	489320.967	4557893.475	52.8	dig	
3759	ODA1	489320.967	4557880.521	69.1	dig	
3760	ODA1	489320.967	4557943.005	10.4	dig	
3761	ODA1	489320.967	4557850.041	46.4	dig	
3762	ODA1	489321.15	4557953.55	6.2	dig	
3763	ODA1	489321.1575	4557950.244	13.9	dig	
3764	ODA1	489321.1575	4557897.285	40.3	dig	
3765	ODA1	489321.1575	4557875.759	51.4	dig	
3766	ODA1	489321.1575	4557823.562	65.1	dig	
3767	ODA1	489321.1575	4557886.998	57.6	dig	
3768	ODA1	489321.348	4557870.044	60.5	dig	
3769	ODA1	489321.348	4557868.52	54.2	dig	
3770	ODA1	489321.348	4557945.863	21.2	dig	
3771	ODA1	489321.5385	4557830.039	53.8	dig	
3772	ODA1	489321.5385	4557833.658	60.3	dig	
3773	ODA1	489321.5385	4557854.994	67.1	dig	
3774	ODA1	489321.5385	4557798.987	16	dig	
3775	ODA1	489321.729	4557962.055	8.4	dig	
3776	ODA1	489321.729	4557846.231	75.3	dig	
3777	ODA1	489321.729	4557935.004	9.9	dig	
3778	ODA1	489321.9195	4557963.77	9.1	dig	
3779	ODA1	489321.9195	4557906.429	11.1	dig	
3780	ODA1	489321.9195	4557808.703	44.4	dig	

Interpreted Anomalies at Open Demolition Area #1
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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
3781	ODA1	489321.9195	4557901.857	208.2	dig	
3782	ODA1	489322.11	4557810.989	23.1	dig	
3783	ODA1	489322.11	4557899.19	44.7	dig	
3784	ODA1	489322.11	4557818.99	24.1	dig	
3785	ODA1	489322.2	4557943.2	7.1	dig	
3786	ODA1	489322.3005	4557878.235	60.6	dig	
3787	ODA1	489322.3005	4557832.325	40.4	dig	
3788	ODA1	489322.3005	4557821.276	37	dig	
3789	ODA1	489322.3005	4557843.374	44.7	dig	
3790	ODA1	489322.3005	4557887.57	50.3	dig	
3791	ODA1	489322.35	4557934.35	6.6	dig	
3792	ODA1	489322.35	4557935.7	6.6	dig	
3793	ODA1	489322.491	4557895.19	62	dig	
3794	ODA1	489322.491	4557884.712	71.4	dig	
3795	ODA1	489322.491	4557970.818	15.5	dig	
3796	ODA1	489322.491	4557801.845	8.5	dig	
3797	ODA1	489322.491	4557950.435	15.4	dig	
3798	ODA1	489322.491	4557839.564	61.7	dig	
3799	ODA1	489322.5	4557799.8	5.4	dig	
3800	ODA1	489322.6815	4557961.103	9.2	dig	
3801	ODA1	489322.6815	4557897.857	40.4	dig	
3802	ODA1	489322.6815	4557851.946	52.8	dig	
3803	ODA1	489322.6815	4557858.233	124.3	dig	
3804	ODA1	489322.872	4557841.088	36.2	dig	
3805	ODA1	489322.872	4557900.524	40.2	dig	
3806	ODA1	489322.872	4557907.382	19.4	dig	
3807	ODA1	489323.0625	4557965.294	13.6	dig	
3808	ODA1	489323.0625	4557892.142	107.6	dig	
3809	ODA1	489323.0625	4557848.327	68.3	dig	
3810	ODA1	489323.0625	4557811.941	21.6	dig	
3811	ODA1	489323.25	4557942.3	5.5	dig	
3812	ODA1	489323.253	4557856.137	65.2	dig	
3813	ODA1	489323.253	4557864.519	35.7	dig	
3814	ODA1	489323.253	4557940.148	181.9	dig	
3815	ODA1	489323.4435	4557874.425	36.3	dig	
3816	ODA1	489323.4435	4557868.52	37.7	dig	
3817	ODA1	489323.4435	4557818.609	26	dig	
3818	ODA1	489323.4435	4557813.846	57.2	dig	
3819	ODA1	489323.634	4557826.229	63.6	dig	
3820	ODA1	489323.634	4557838.802	42.3	dig	
3821	ODA1	489323.634	4557846.231	63.5	dig	
3822	ODA1	489323.634	4557953.673	8.2	dig	
3823	ODA1	489323.634	4557853.28	58.4	dig	
3824	ODA1	489323.634	4557947.006	34.1	dig	
3825	ODA1	489323.634	4557835.754	46.2	dig	
3826	ODA1	489323.7	4557974.85	6.2	dig	
3827	ODA1	489323.8245	4557842.993	43.4	dig	
3828	ODA1	489323.8245	4557885.855	63.4	dig	
3829	ODA1	489323.8245	4557829.848	40.6	dig	
3830	ODA1	489323.85	4557929.7	5.3	dig	
3831	ODA1	489324	4557938.1	6.4	dig	
3832	ODA1	489324.015	4557802.988	8.5	dig	
3833	ODA1	489324.015	4557900.905	79.2	dig	
3834	ODA1	489324.015	4557850.613	54.3	dig	
3835	ODA1	489324.2055	4557820.133	26.2	dig	
3836	ODA1	489324.2055	4557949.863	28.6	dig	
3837	ODA1	489324.2055	4557844.898	59.1	dig	
3838	ODA1	489324.396	4557881.283	101.1	dig	
3839	ODA1	489324.396	4557810.798	10.7	dig	
3840	ODA1	489324.396	4557816.323	104.1	dig	

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Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
3841	ODA1	489324.5865	4557836.897	48.1	dig	
3842	ODA1	489324.5865	4557862.043	53.7	dig	
3843	ODA1	489324.5865	4557846.993	62.3	dig	
3844	ODA1	489324.5865	4557875.949	45.9	dig	
3845	ODA1	489324.5865	4557835.182	54	dig	
3846	ODA1	489324.5865	4557853.661	54.5	dig	
3847	ODA1	489324.5865	4557890.427	59.6	dig	
3848	ODA1	489324.5865	4557973.676	12.1	dig	
3849	ODA1	489324.777	4557942.624	8.1	dig	
3850	ODA1	489324.777	4557898.238	55.8	dig	
3851	ODA1	489324.777	4557814.799	53.9	dig	
3852	ODA1	489324.9675	4557947.958	15.1	dig	
3853	ODA1	489324.9675	4557870.425	81.9	dig	
3854	ODA1	489325.158	4557859.376	65.9	dig	
3855	ODA1	489325.158	4557828.896	48.5	dig	
3856	ODA1	489325.3485	4557888.522	93.9	dig	
3857	ODA1	489325.3485	4557832.134	66.6	dig	
3858	ODA1	489325.3485	4557896.523	48.3	dig	
3859	ODA1	489325.3485	4557851.756	65.9	dig	
3860	ODA1	489325.539	4557892.904	52.2	dig	
3861	ODA1	489325.539	4557900.905	53	dig	
3862	ODA1	489325.539	4557891.57	47.4	dig	
3863	ODA1	489325.539	4557810.608	8.7	dig	
3864	ODA1	489325.539	4557808.893	13	dig	
3865	ODA1	489325.7295	4557951.006	11.3	dig	
3866	ODA1	489325.8	4557956.4	5.5	dig	
3867	ODA1	489325.92	4557827.753	48.6	dig	
3868	ODA1	489325.92	4557820.323	25.6	dig	
3869	ODA1	489326.1105	4557842.231	31.6	dig	
3870	ODA1	489326.1105	4557884.712	46.3	dig	
3871	ODA1	489326.1105	4557824.705	50	dig	
3872	ODA1	489326.1105	4557883.188	44.8	dig	
3873	ODA1	489326.1105	4557843.945	40.7	dig	
3874	ODA1	489326.1105	4557836.135	53.6	dig	
3875	ODA1	489326.1105	4557934.242	17.1	dig	
3876	ODA1	489326.25	4557767.25	6.1	dig	
3877	ODA1	489326.301	4557840.707	70.6	dig	
3878	ODA1	489326.301	4557948.72	8.9	dig	
3879	ODA1	489326.301	4557838.802	24.6	dig	
3880	ODA1	489326.4915	4557857.661	84.5	dig	
3881	ODA1	489326.4915	4557826.61	52.5	dig	
3882	ODA1	489326.4915	4557902.619	31.3	dig	
3883	ODA1	489326.682	4557829.658	62.4	dig	
3884	ODA1	489326.682	4557873.282	51.4	dig	
3885	ODA1	489326.682	4557845.088	38.7	dig	
3886	ODA1	489326.8725	4557895.19	50.4	dig	
3887	ODA1	489327.063	4557889.475	55.3	dig	
3888	ODA1	489327.063	4557885.855	71.5	dig	
3889	ODA1	489327.063	4557818.99	37	dig	
3890	ODA1	489327.063	4557833.277	75.2	dig	
3891	ODA1	489327.15	4557942.15	5.4	dig	
3892	ODA1	489327.15	4557940.95	7.4	dig	
3893	ODA1	489327.15	4557939.75	5.4	dig	
3894	ODA1	489327.15	4557944.55	7.5	dig	
3895	ODA1	489327.2535	4557891.189	52.3	dig	
3896	ODA1	489327.2535	4557850.613	16.2	dig	
3897	ODA1	489327.2535	4557816.323	29.5	dig	
3898	ODA1	489327.2535	4557899.762	25.5	dig	
3899	ODA1	489327.3	4557952.95	5.6	dig	
3900	ODA1	489327.3	4557953.7	7.5	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
3901	ODA1	489327.3	4557952.2	5.7	dig	
3902	ODA1	489327.444	4557867.186	25.5	dig	
3903	ODA1	489327.6345	4557827.943	63	dig	
3904	ODA1	489327.6345	4557892.904	42	dig	
3905	ODA1	489327.6345	4557836.897	21.5	dig	
3906	ODA1	489327.6345	4557846.422	30.3	dig	
3907	ODA1	489327.825	4557841.278	33.9	dig	
3908	ODA1	489327.825	4557901.857	14.9	dig	
3909	ODA1	489327.825	4557813.275	22.8	dig	
3910	ODA1	489327.825	4557819.561	48.8	dig	
3911	ODA1	489328.0155	4557929.48	24.2	dig	
3912	ODA1	489328.05	4557905.1	5.1	dig	
3913	ODA1	489328.05	4557905.7	7.5	dig	
3914	ODA1	489328.2	4557960	6.5	dig	
3915	ODA1	489328.2	4557954.6	6.2	dig	
3916	ODA1	489328.206	4557963.389	9.9	dig	
3917	ODA1	489328.206	4557829.848	52.3	dig	
3918	ODA1	489328.206	4557866.615	23.6	dig	
3919	ODA1	489328.206	4557973.295	8.9	dig	
3920	ODA1	489328.3965	4557833.277	86.7	dig	
3921	ODA1	489328.587	4557901.476	16.7	dig	
3922	ODA1	489328.587	4557960.722	8.9	dig	
3923	ODA1	489328.587	4557898.047	40.1	dig	
3924	ODA1	489328.587	4557857.661	34.4	dig	
3925	ODA1	489328.587	4557859.947	28.2	dig	
3926	ODA1	489328.587	4557850.422	14.1	dig	
3927	ODA1	489328.587	4557898.809	39.1	dig	
3928	ODA1	489328.587	4557815.561	18.5	dig	
3929	ODA1	489328.7775	4557882.426	93.6	dig	
3930	ODA1	489328.7775	4557809.274	8.2	dig	
3931	ODA1	489328.7775	4557946.434	91.5	dig	
3932	ODA1	489328.7775	4557838.802	44.2	dig	
3933	ODA1	489328.8	4557940.65	6.2	dig	
3934	ODA1	489328.95	4557938.85	7.9	dig	
3935	ODA1	489328.95	4557959.25	5.4	dig	
3936	ODA1	489328.968	4557810.417	8.5	dig	
3937	ODA1	489328.968	4557889.475	37.7	dig	
3938	ODA1	489328.968	4557820.704	50.3	dig	
3939	ODA1	489328.968	4557830.61	48.2	dig	
3940	ODA1	489328.968	4557880.521	105.8	dig	
3941	ODA1	489329.1585	4557823.943	66.3	dig	
3942	ODA1	489329.4	4557905.4	7.1	dig	
3943	ODA1	489329.5395	4557844.707	76.3	dig	
3944	ODA1	489329.5395	4557831.944	52.9	dig	
3945	ODA1	489329.55	4557956.7	6.4	dig	
3946	ODA1	489329.7	4557864.15	7.6	dig	
3947	ODA1	489329.73	4557813.275	9	dig	
3948	ODA1	489329.73	4557837.849	37	dig	
3949	ODA1	489329.9205	4557874.235	78.6	dig	
3950	ODA1	489329.9205	4557835.373	34.6	dig	
3951	ODA1	489330.111	4557869.472	18.6	dig	
3952	ODA1	489330.111	4557892.142	68.4	dig	
3953	ODA1	489330.111	4557822.99	53.8	dig	
3954	ODA1	489330.3015	4557870.425	19.9	dig	
3955	ODA1	489330.3015	4557830.991	47.8	dig	
3956	ODA1	489330.3015	4557876.711	108.9	dig	
3957	ODA1	489330.3015	4557853.851	175.9	dig	
3958	ODA1	489330.3015	4557852.137	40.4	dig	
3959	ODA1	489330.3015	4557932.909	60.5	dig	
3960	ODA1	489330.3015	4557828.324	87.4	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
3961	ODA1	489330.45	4557957.9	6.8	dig	
3962	ODA1	489330.45	4557964.5	6.2	dig	
3963	ODA1	489330.45	4557816	5.8	dig	
3964	ODA1	489330.492	4557826.038	54.4	dig	
3965	ODA1	489330.492	4557814.608	8.2	dig	
3966	ODA1	489330.492	4557897.666	23.8	dig	
3967	ODA1	489330.6	4557904.8	5.6	dig	
3968	ODA1	489330.6825	4557842.612	30	dig	
3969	ODA1	489330.75	4557941.7	7.7	dig	
3970	ODA1	489330.75	4557940.95	7.2	dig	
3971	ODA1	489330.75	4557858	7.4	dig	
3972	ODA1	489330.873	4557820.514	10.6	dig	
3973	ODA1	489330.9	4557856.05	7.4	dig	
3974	ODA1	489330.9	4557946.05	6.7	dig	
3975	ODA1	489331.0635	4557837.278	25.6	dig	
3976	ODA1	489331.0635	4557865.853	14.2	dig	
3977	ODA1	489331.0635	4557949.673	33.5	dig	
3978	ODA1	489331.0635	4557824.895	38.8	dig	
3979	ODA1	489331.254	4557808.512	18.2	dig	
3980	ODA1	489331.254	4557881.283	37.5	dig	
3981	ODA1	489331.254	4557834.611	50.4	dig	
3982	ODA1	489331.254	4557810.036	20.8	dig	
3983	ODA1	489331.65	4557858	6.4	dig	
3984	ODA1	489331.65	4557905.25	6.9	dig	
3985	ODA1	489331.65	4557861.15	7.7	dig	
3986	ODA1	489331.8	4557864	5	dig	
3987	ODA1	489331.8	4557804.15	5.6	dig	
3988	ODA1	489331.8255	4557893.094	23.9	dig	
3989	ODA1	489331.8255	4557859.566	16.2	dig	
3990	ODA1	489332.016	4557814.418	10.9	dig	
3991	ODA1	489332.016	4557829.277	39.8	dig	
3992	ODA1	489332.2065	4557888.713	854.8	dig	
3993	ODA1	489332.2065	4557960.722	10.3	dig	
3994	ODA1	489332.397	4557849.279	86.2	dig	
3995	ODA1	489332.397	4557955.388	11.2	dig	
3996	ODA1	489332.397	4557868.329	49.5	dig	
3997	ODA1	489332.4	4557968.4	5.8	dig	
3998	ODA1	489332.5875	4557847.184	60	dig	
3999	ODA1	489332.5875	4557844.707	67	dig	
4000	ODA1	489332.5875	4557961.484	13.1	dig	
4001	ODA1	489332.7	4557872.4	6.3	dig	
4002	ODA1	489332.7	4557908.85	7.8	dig	
4003	ODA1	489332.9685	4557840.897	23.9	dig	
4004	ODA1	489332.9685	4557875.759	37.1	dig	
4005	ODA1	489332.9685	4557932.909	10.3	dig	
4006	ODA1	489332.9685	4557851.946	22.8	dig	
4007	ODA1	489333	4557968.7	6.6	dig	
4008	ODA1	489333	4557966.15	6.5	dig	
4009	ODA1	489333.15	4557978.6	7.6	dig	
4010	ODA1	489333.159	4557855.375	26.2	dig	
4011	ODA1	489333.159	4557836.516	10.5	dig	
4012	ODA1	489333.159	4557907.382	12.9	dig	
4013	ODA1	489333.159	4557842.612	47.8	dig	
4014	ODA1	489333.159	4557858.804	15.5	dig	
4015	ODA1	489333.3	4557860.85	7	dig	
4016	ODA1	489333.3	4557896.85	6.6	dig	
4017	ODA1	489333.3495	4557888.903	716.5	dig	
4018	ODA1	489333.7305	4557936.719	8.8	dig	
4019	ODA1	489333.75	4557837.6	7.1	dig	
4020	ODA1	489333.9	4557948.45	6.4	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
4021	ODA1	489333.9	4557971.25	6.1	dig	
4022	ODA1	489333.921	4557850.041	10.4	dig	
4023	ODA1	489334.1115	4557863.376	15.6	dig	
4024	ODA1	489334.2	4557939.75	6.7	dig	
4025	ODA1	489334.302	4557783.747	8.9	dig	
4026	ODA1	489334.302	4557857.09	15.9	dig	
4027	ODA1	489334.302	4557815.561	10.3	dig	
4028	ODA1	489334.4925	4557958.817	12.2	dig	
4029	ODA1	489334.4925	4557895.761	35	dig	
4030	ODA1	489334.5	4557904.65	7.6	dig	
4031	ODA1	489334.5	4557809.7	5.2	dig	
4032	ODA1	489334.65	4557853.35	7.4	dig	
4033	ODA1	489334.65	4557970.5	7.5	dig	
4034	ODA1	489334.65	4557894.6	6.6	dig	
4035	ODA1	489334.683	4557874.425	32.7	dig	
4036	ODA1	489334.683	4557972.914	12.2	dig	
4037	ODA1	489334.8735	4557811.941	10.5	dig	
4038	ODA1	489334.8735	4557952.149	198.9	dig	
4039	ODA1	489334.8735	4557842.04	28.7	dig	
4040	ODA1	489334.95	4557963.9	7.4	dig	
4041	ODA1	489334.95	4557862.2	5.1	dig	
4042	ODA1	489335.064	4557877.283	231.4	dig	
4043	ODA1	489335.25	4557941.85	5.3	dig	
4044	ODA1	489335.2545	4557823.752	43.2	dig	
4045	ODA1	489335.4	4557886.5	7.6	dig	
4046	ODA1	489335.4	4557850.65	5.7	dig	
4047	ODA1	489335.4	4557882.75	5.2	dig	
4048	ODA1	489335.6355	4557956.531	32.1	dig	
4049	ODA1	489335.6355	4557893.094	8.8	dig	
4050	ODA1	489335.7	4557910.5	5.8	dig	
4051	ODA1	489335.826	4557865.662	9.2	dig	
4052	ODA1	489335.826	4557864.519	12.4	dig	
4053	ODA1	489335.85	4557815.25	6.4	dig	
4054	ODA1	489335.85	4557909.9	5.4	dig	
4055	ODA1	489336.0165	4557839.183	36.3	dig	
4056	ODA1	489336.0165	4557859.757	39.7	dig	
4057	ODA1	489336.15	4557940.95	5.4	dig	
4058	ODA1	489336.207	4557884.331	17.5	dig	
4059	ODA1	489336.3975	4557822.419	36.3	dig	
4060	ODA1	489336.588	4557863.757	10.2	dig	
4061	ODA1	489336.6	4557965.25	5.2	dig	
4062	ODA1	489336.6	4557869.4	6.6	dig	
4063	ODA1	489336.6	4557966.3	7.8	dig	
4064	ODA1	489336.75	4557837.45	5.4	dig	
4065	ODA1	489336.7785	4557829.658	295.3	dig	
4066	ODA1	489336.7785	4557975.581	31	dig	
4067	ODA1	489336.969	4557882.617	9.3	dig	
4068	ODA1	489336.969	4557877.283	16	dig	
4069	ODA1	489337.1595	4557825.086	16.4	dig	
4070	ODA1	489337.1595	4557852.899	408.8	dig	
4071	ODA1	489337.1595	4557818.228	17.9	dig	
4072	ODA1	489337.2	4557906.3	5.5	dig	
4073	ODA1	489337.35	4557875.187	17.8	dig	
4074	ODA1	489337.35	4557887.4	7.3	dig	
4075	ODA1	489337.35	4557855.756	2198.3	dig	
4076	ODA1	489337.35	4557820.895	37.5	dig	
4077	ODA1	489337.35	4557861.09	9.2	dig	
4078	ODA1	489337.5	4557838.2	7.4	dig	
4079	ODA1	489337.5405	4557970.628	14.8	dig	
4080	ODA1	489337.5405	4557824.895	14.1	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
4081	ODA1	489337.5405	4557939.386	57.1	dig	
4082	ODA1	489337.65	4557873	6.1	dig	
4083	ODA1	489337.731	4557848.708	46.7	dig	
4084	ODA1	489337.731	4557946.815	74.2	dig	
4085	ODA1	489337.731	4557862.805	10.3	dig	
4086	ODA1	489337.731	4557949.292	9.3	dig	
4087	ODA1	489337.731	4557829.086	297.8	dig	
4088	ODA1	489338.1	4557869.85	5.7	dig	
4089	ODA1	489338.1	4557851.1	7.6	dig	
4090	ODA1	489338.112	4557966.818	13.5	dig	
4091	ODA1	489338.112	4557885.093	30.9	dig	
4092	ODA1	489338.25	4557879.45	5.7	dig	
4093	ODA1	489338.3025	4557940.529	44.6	dig	
4094	ODA1	489338.3025	4557881.664	8.7	dig	
4095	ODA1	489338.4	4557972	5.2	dig	
4096	ODA1	489338.493	4557822.609	38.5	dig	
4097	ODA1	489338.6835	4557961.674	24.2	dig	
4098	ODA1	489338.6835	4557907.763	12.3	dig	
4099	ODA1	489338.7	4557859.05	7.8	dig	
4100	ODA1	489338.85	4557868.8	5.2	dig	
4101	ODA1	489338.874	4557851.184	23.4	dig	
4102	ODA1	489338.874	4557884.712	25.9	dig	
4103	ODA1	489338.874	4557980.534	22.1	dig	
4104	ODA1	489339	4557831.75	5.4	dig	
4105	ODA1	489339.0645	4557969.294	166.5	dig	
4106	ODA1	489339.0645	4557824.133	31.9	dig	
4107	ODA1	489339.15	4557872.55	7.6	dig	
4108	ODA1	489339.15	4557874.8	7.2	dig	
4109	ODA1	489339.15	4557876.45	5.2	dig	
4110	ODA1	489339.255	4557855.375	22.5	dig	
4111	ODA1	489339.3	4557949.95	5.6	dig	
4112	ODA1	489339.45	4557906.75	7.4	dig	
4113	ODA1	489339.45	4557954.6	5.3	dig	
4114	ODA1	489339.75	4557965.55	6.3	dig	
4115	ODA1	489339.8265	4557844.898	11	dig	
4116	ODA1	489339.9	4557886.2	6.5	dig	
4117	ODA1	489340.017	4557881.093	9.9	dig	
4118	ODA1	489340.017	4557942.053	39.2	dig	
4119	ODA1	489340.017	4557878.045	15.5	dig	
4120	ODA1	489340.017	4557942.624	42.6	dig	
4121	ODA1	489340.017	4557823.943	34.6	dig	
4122	ODA1	489340.017	4557976.724	13.3	dig	
4123	ODA1	489340.2	4557952.5	5.9	dig	
4124	ODA1	489340.2075	4557939.767	8.9	dig	
4125	ODA1	489340.2075	4557828.515	30.9	dig	
4126	ODA1	489340.2075	4557846.803	9	dig	
4127	ODA1	489340.35	4557977.7	5.6	dig	
4128	ODA1	489340.65	4557864.6	6.3	dig	
4129	ODA1	489340.8	4557973.5	6	dig	
4130	ODA1	489340.8	4557952.65	7.6	dig	
4131	ODA1	489340.8	4557874.35	5.1	dig	
4132	ODA1	489340.8	4557880.5	7.7	dig	
4133	ODA1	489340.95	4557975.45	6.6	dig	
4134	ODA1	489340.9695	4557876.711	10.7	dig	
4135	ODA1	489341.1	4557908.55	5.6	dig	
4136	ODA1	489341.16	4557912.335	999	dig	
4137	ODA1	489341.3505	4557944.529	13.6	dig	
4138	ODA1	489341.4	4557975	6.5	dig	
4139	ODA1	489341.85	4557980.4	5	dig	
4140	ODA1	489342.8745	4557769.079	8.1	dig	

Interpreted Anomalies at Open Demolition Area #1
Ravenna Army Ammuntion Plant
Ravenna, Ohio

Target ID	AOC	X-Coordinate	Y-Coordinate	EM61 Channel 2 (mV)	Classification	Comment
4141	ODA1	489343.5	4557969	7.3	dig	
4142	ODA1	489344.3985	4557973.485	8.2	dig	
4143	ODA1	489344.4	4557974.1	6.1	dig	
4144	ODA1	489345.1605	4557971.009	31	dig	
4145	ODA1	489345.5415	4557958.436	60.9	dig	
4146	ODA1	489345.9	4557908.85	5.3	dig	
4147	ODA1	489346.05	4557977.4	5.2	dig	
4148	ODA1	489347.1	4557955.5	5.5	dig	
4149	ODA1	489347.1	4557956.85	7.9	dig	
4150	ODA1	489348.9705	4557969.294	149.6	dig	
4151	ODA1	489349.161	4557974.438	9.3	dig	
4152	ODA1	489349.8	4557910.65	7.3	dig	
4153	ODA1	489352.3995	4557907.953	15.4	dig	
4154	ODA1	489353.352	4557910.62	944	dig	

Notes:

dig - meets interpretation criteria of 75mm based on GPO data (exceeds 5 mV threshold)
no dig - does not meet interpetation criteria based on GPO data (does not exceed 5 mV threshold);
dig 10-15 % random selection if performing a remedial action
AOC - Area of Concern
ODA1 - Open Demolition Area #1
GPO - Geophysical Prove-Out
The coordinate system is Universal Transverse Mercator (UTM) Zone 17 North, meters

Appendix D
Quality Control Logs

FORM D-1
SENSOR QC VERIFICATION LOG
EM-61 MK2 OR G858 DATA
RAVENNA ARMY AMMUNITION PLANT

Site: RVAAP **Location ID:** ODA1 **QC Check by:** Haolei Ge
Dataset: 042810A **Survey Date:** 4/28/2010 **Date:** 4/29/2010

Static Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	042810A					042810Z				
Line #:	L1					L200				
Min:	-.25	-.11	-.31	-.10		-5.33	-1.57	-.42	-.30	
Max:	.94	.58	.13	.25		-.89	-.22	.32	.24	
Mean	.45	.24	-.06	.06		-3.58	-.99	-.14	-.05	
Std:	.16	.09	.06	.05		1.12	.29	.11	.08	

Comments:

Static Spike Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	042810A					042810Z				
Line #:	L2					L201				
Min:	565.80	325.01	155.35	63.55		552.07	320.76	154.86	63.66	
Max:	569.03	326.87	156.37	64.15		556.03	322.37	155.62	64.09	
Mean	567.78	326.18	155.98	63.92		554.27	321.85	155.35	63.89	
Std:	.77	.41	.21	.10		.72	.27	.13	.07	

Comments:

Cable Shake Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	042810A					042810Z				
Line #:	L4					L203				
Min:	-3.10	-.70	-.47	-.27		.45	-.61	-.51	-.31	
Max:	-1.03	.14	.13	.16		1.29	.11	-.05	-.03	
Mean	-2.24	-.34	-.25	-.04		.90	-.19	-.30	-.19	
Std:	.27	.11	.08	.06		.17	.11	.10	.06	

Comments:

FORM D-1
SENSOR QC VERIFICATION LOG
EM-61 MK2 OR G858 DATA
RAVENNA ARMY AMMUNITION PLANT

Site: RVAAP **Location ID:** ODA1 **QC Check by:** Haolei Ge
Dataset: 042910A **Survey Date:** 4/29/2010 **Date:** 4/30/2010

Static Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	042910A					042910Z				
Line #:	L1					L200				
Min:	-2.99	-1.19	-.63	-.41		-.98	-.49	-.29	-.26	
Max:	1.06	.39	.24	.28		.71	.37	.16	.11	
Mean	-.85	-.36	-.17	-.11		-.25	-.06	-.06	-.07	
Std:	.98	.33	.15	.12		.21	.10	.07	.06	

Comments:

Static Spike Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	042910A					042910Z				
Line #:	L2					L201				
Min:	558.36	321.62	154.39	63.18		554.13	320.36	153.99	63.11	
Max:	561.35	323.10	155.10	63.58		557.04	321.72	154.76	63.59	
Mean	560.22	322.55	154.78	63.38		556.10	321.19	154.42	63.35	
Std:	.55	.27	.13	.07		.51	.27	.14	.07	

Comments:

Cable Shake Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	042910A					042910Z				
Line #:	L4					L203				
Min:	-1.85	-.71	-.32	-.23		-.79	-.28	-.04	-.10	
Max:	2.06	1.89	.90	.21		.77	.47	.33	.26	
Mean	-1.09	-.14	-.02	-.04		.11	.12	.12	.04	
Std:	.62	.42	.20	.07		.28	.12	.07	.06	

Comments:

FORM D-1
SENSOR QC VERIFICATION LOG
EM-61 MK2 OR G858 DATA
RAVENNA ARMY AMMUNITION PLANT

Site: RVAAP
Dataset: 043010A

Location ID: ODA1
Survey Date: 4/30/2010

QC Check by: Haolei Ge
Date: 5/1/2010

Static Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	043010A					043010Z				
Line #:	L1					L200				
Min:	-.09	-.46	-.45	-.39		-.91	-.47	-.36	-.26	
Max:	1.64	.38	.07	.05		.80	.50	.26	.11	
Mean	.78	-.07	-.22	-.15		-.02	-.06	-.05	-.04	
Std:	.25	.10	.09	.07		.23	.12	.08	.06	

Comments:

Static Spike Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	043010A					043010Z				
Line #:	L2					L201				
Min:	560.10	321.53	153.87	62.91		532.79	307.81	148.27	60.86	
Max:	562.54	323.02	154.62	63.29		535.62	309.47	149.24	61.33	
Mean	561.39	322.20	154.23	63.09		534.40	308.81	148.77	61.10	
Std:	.59	.29	.13	.06		.73	.39	.22	.09	

Comments:

Cable Shake Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	043010A					043010Z				
Line #:	L4					L203				
Min:	.01	-.57	-.54	-.39		-1.30	-1.08	-.44	-.18	
Max:	1.91	.21	.00	.03		.16	-.16	.00	.09	
Mean	.66	-.23	-.34	-.23		-.82	-.46	-.23	-.08	
Std:	.32	.14	.09	.06		.27	.15	.09	.06	

Comments:

FORM D-1
SENSOR QC VERIFICATION LOG
EM-61 MK2 OR G858 DATA
RAVENNA ARMY AMMUNITION PLANT

Site: RVAAP
Dataset: 050110A

Location ID: ODA1
Survey Date: 5/1/2010

QC Check by: Haolei Ge
Date: 5/2/2010

Static Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	050110A					050110Z				
Line #:	L1					L200				
Min:	-1.29	-.67	-.57	-.29		-1.32	-.62	-.40	-.21	
Max:	.32	.14	.04	.14		.64	.42	.22	.15	
Mean	-.47	-.32	-.27	-.09		-.29	-.12	-.11	-.03	
Std:	.31	.12	.11	.08		.38	.15	.08	.06	

Comments:

Static Spike Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	050110A					050110Z				
Line #:	L2					L201				
Min:	563.98	324.05	154.99	63.42		544.86	314.46	151.27	61.98	
Max:	567.14	325.79	155.88	63.83		547.76	315.86	152.04	62.39	
Mean	565.64	324.90	155.48	63.64		546.07	315.25	151.60	62.17	
Std:	.79	.43	.20	.07		.47	.26	.13	.07	

Comments:

Cable Shake Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	050110A					050110Z				
Line #:	L5					L203				
Min:	-2.64	-.97	-.55	-.30		-1.83	-.51	-.22	-.21	
Max:	1.19	1.35	.38	.13		-.52	.22	.14	.14	
Mean	-1.65	-.55	-.34	-.13		-1.10	-.21	-.06	-.04	
Std:	.55	.35	.16	.07		.28	.12	.08	.06	

Comments:

FORM D-1
SENSOR QC VERIFICATION LOG
EM-61 MK2 OR G858 DATA
RAVENNA ARMY AMMUNITION PLANT

Site: RVAAP
Dataset: 050210A

Location ID: ODA1
Survey Date: 5/2/2010

QC Check by: Haolei Ge
Date: 5/3/2010

Static Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	050210A					050210Z				
Line #:	L1					L200				
Min:	-.59	-.39	-.36	-.32		-.79	-.29	-.34	-.25	
Max:	2.53	.89	.14	.11		1.81	.92	.28	.20	
Mean	.90	.18	-.12	-.11		.64	.22	-.02	-.05	
Std:	.65	.20	.08	.06		.40	.18	.10	.07	

Comments:

Static Spike Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	050210A					050210Z				
Line #:	L2					L201				
Min:	570.25	327.28	156.42	63.81		549.88	317.16	152.40	62.38	
Max:	574.22	329.15	157.29	64.23		552.39	318.95	153.19	62.89	
Mean	572.05	328.12	156.78	64.05		551.21	318.04	152.83	62.64	
Std:	.93	.40	.16	.08		.50	.30	.14	.07	

Comments:

Cable Shake Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	050210A					050210Z				
Line #:	L4					L203				
Min:	1.96	.14	-.28	-.24		-.18	-.17	-.33	-.43	
Max:	4.46	1.74	.57	.27		.76	.35	.20	.27	
Mean	2.82	.71	.01	-.02		.29	.05	-.11	-.10	
Std:	.53	.25	.16	.07		.21	.11	.10	.10	

Comments:

FORM D-1
SENSOR QC VERIFICATION LOG
EM-61 MK2 OR G858 DATA
RAVENNA ARMY AMMUNITION PLANT

Site: RVAAP
Dataset: 050510A

Location ID: ODA1
Survey Date: 5/5/2010

QC Check by: Haolei Ge
Date: 5/6/2010

Static Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	050510A					050510Z				
Line #:	L1					L200				
Min:	-2.08	-.88	-.57	-.32		-.80	-.48	-.91	-.44	
Max:	.30	.18	.20	.37		1.10	1.86	.32	.18	
Mean	-.72	-.28	-.15	-.04		.35	-.03	-.05	-.05	
Std:	.34	.15	.13	.13		.24	.14	.08	.06	

Comments:

Static Spike Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	050510A					050510Z				
Line #:	L2					L201				
Min:	538.87	310.39	149.09	60.94		543.92	314.20	151.13	61.86	
Max:	542.03	312.30	150.10	61.48		546.87	315.77	151.80	62.30	
Mean	540.90	311.56	149.62	61.26		545.63	314.85	151.48	62.10	
Std:	.71	.41	.19	.10		.46	.26	.12	.07	

Comments:

Cable Shake Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	050510A					050510Z				
Line #:	L4					L203				
Min:	-1.17	-.60	-.33	-.24		.13	-.39	-.22	-.27	
Max:	.91	.55	.29	.19		2.23	.88	.40	.09	
Mean	-.37	-.16	-.11	-.02		1.07	.16	.05	-.05	
Std:	.52	.22	.13	.08		.38	.18	.13	.07	

Comments:

FORM D-1
SENSOR QC VERIFICATION LOG
EM-61 MK2 OR G858 DATA
RAVENNA ARMY AMMUNITION PLANT

Site: RVAAP
Dataset: 050610A

Location ID: Sand Creek
Survey Date: 5/6/2010

QC Check by: Haolei Ge
Date: 5/7/2010

Static Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	050610A					050610Z				
Line #:	L1					L200				
Min:	-1.55	-1.00	-.61	-1.00		-1.29	-.55	-.48	-.19	
Max:	.74	.15	.93	.03		1.47	.61	.23	.18	
Mean	-.30	-.32	-.26	-.22		.07	.06	-.04	.00	
Std:	.33	.15	.13	.11		.41	.16	.08	.06	

Comments:

Static Spike Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	050610A					050610Z				
Line #:	L2					L201				
Min:	558.01	320.89	153.71	62.71		534.75	309.59	149.20	61.22	
Max:	560.15	322.22	154.67	63.50		537.70	311.35	149.91	61.64	
Mean	559.17	321.47	154.02	62.92		536.22	310.35	149.58	61.43	
Std:	.36	.21	.12	.07		.67	.34	.15	.08	

Comments:

Cable Shake Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	050610A					050610Z				
Line #:	L4					L203				
Min:	-.86	-.96	-.61	-.66		-2.44	-1.41	-.66	-.28	
Max:	.51	.31	.16	.36		-.13	.37	.23	.34	
Mean	-.40	-.34	-.30	-.25		-1.42	-.58	-.26	-.03	
Std:	.21	.15	.10	.09		.59	.43	.19	.09	

Comments:

FORM D-1
SENSOR QC VERIFICATION LOG
EM-61 MK2 OR G858 DATA
RAVENNA ARMY AMMUNITION PLANT

Site: RVAAP **Location ID:** Sand Creek **QC Check by:** CS
Dataset: 060210_z_zz **Survey Date:** 6/2/2010 **Date:** 6/17/2010

Static Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	060210z					060210zz				
Line #:	L101z					L201zz				
Min:	.82	.51	-.03	-.20		-15.80	-7.72	-2.17	-.72	
Max:	3.31	1.25	.40	.21		-9.78	-4.95	-1.04	-.11	
Mean	1.55	.90	.16	.02		-12.71	-6.30	-1.75	-.36	
Std:	.30	.13	.08	.07		1.46	.67	.24	.10	

Comments:

Static Spike Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	060210z					060210zz				
Line #:	L102z					L202zz				
Min:	78.66	45.39	21.79	8.22		46.55	38.48	20.04	8.05	
Max:	81.11	46.62	22.25	8.64		71.99	48.21	21.78	8.78	
Mean	79.96	45.98	22.00	8.45		67.14	40.37	20.84	8.37	
Std:	.32	.20	.10	.08		2.17	.87	.22	.11	

Comments:

Cable Shake Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	060210z					060210zz				
Line #:	L101z.1					L201zz.1				
Min:	.66	.20	-.51	-.50		-17.90	-8.10	-2.48	-.93	
Max:	3.80	2.27	.88	.71		-14.46	-6.47	-1.55	.10	
Mean	2.40	1.21	.17	.02		-15.61	-7.33	-2.00	-.43	
Std:	.80	.43	.27	.26		.78	.32	.16	.17	

Comments:

FORM D-1
SENSOR QC VERIFICATION LOG
EM-61 MK2 OR G858 DATA
RAVENNA ARMY AMMUNITION PLANT

Site: RVAAP **Location ID:** Sand Creek **QC Check by:** CS
Dataset: 060310_z_zz **Survey Date:** 6/3/2010 **Date:** 6/17/2010

Static Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	060310z					060310zz				
Line #:	L100					L200				
Min:	-1.25	-.36	-.25	-.31		-.51	-.54	-.64	-.40	
Max:	1.26	.78	.24	.18		3.18	1.00	.12	.09	
Mean	.11	.12	-.03	-.14		1.22	.12	-.29	-.17	
Std:	.57	.23	.09	.07		.97	.43	.17	.09	

Comments:

Static Spike Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	060310z					060310zz				
Line #:	L101					L201				
Min:	75.13	43.24	20.69	7.59		28.27	15.55	9.19	3.68	
Max:	78.01	44.82	21.45	8.19		71.99	40.22	19.12	7.45	
Mean	76.92	44.02	20.98	7.86		70.41	39.53	18.73	7.17	
Std:	.41	.25	.13	.08		3.01	1.75	.74	.28	

Comments:

Cable Shake Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	060310z					060310zz				
Line #:	L100.1					L200.1				
Min:	.84	.39	-.23	-.49		-10.22	-5.24	-2.16	-.90	
Max:	2.30	1.37	.74	.77		1.48	.12	-.07	.09	
Mean	1.50	.70	.15	-.10		-3.34	-2.19	-1.07	-.37	
Std:	.31	.20	.19	.19		4.41	2.03	.68	.22	

Comments:

FORM D-1
SENSOR QC VERIFICATION LOG
EM-61 MK2 OR G858 DATA
RAVENNA ARMY AMMUNITION PLANT

Site: RVAAP
Dataset: 060410_z_zz

Location ID: Sand Creek
Survey Date: 6/4/2010

QC Check by: CS
Date: 6/17/2010

Static Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	060410z					060410zz				
Line #:	L100					L200				
Min:	-.52	-1.84	-1.69	-.98		-5.77	-3.80	-1.27	-.52	
Max:	4.54	1.68	.45	.14		-2.19	-1.80	-.46	.10	
Mean	1.90	-.14	-.78	-.47		-3.83	-2.61	-.93	-.21	
Std:	1.10	.78	.47	.21		.63	.30	.16	.10	

Comments:

Static Spike Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	060410z					060410zz				
Line #:	L101					L201				
Min:	-24.69	-34.61	-30.62	-16.13		67.81	38.61	18.87	7.29	
Max:	-20.22	-31.22	-28.76	-15.07		70.56	40.14	19.71	7.81	
Mean	-22.85	-33.11	-29.77	-15.56		69.07	39.29	19.31	7.54	
Std:	1.08	.78	.45	.22		.46	.30	.17	.10	

Comments:

Cable Shake Test

Sensor #1

	Pre Survey					Post Survey				
	CH 1	CH 2	CH 3	CH 4	G858	CH 1	CH 2	CH 3	CH 4	G858
File Name:	060410z					060410zz				
Line #:	L100.1					L200.1				
Min:	-31.78	-23.87	-14.23	-6.56		-7.05	-4.13	-1.71	-.53	
Max:	38.61	25.81	13.98	6.71		-1.60	-.85	-.36	.30	
Mean	-3.18	-3.53	-2.45	-1.07		-2.73	-1.99	-.76	-.12	
Std:	16.90	11.90	6.89	3.18		1.12	.59	.28	.17	

Comments: Movement by the equipment operator during collection of data may have attributed to the large variance in readings within L100.1

FORM D-2
NAVIGATION QC FUNCTION LOG
EM61-MK2 DATA
RAVENNA ARMY AMMUNITION PLANT

Check by: CS
Date: 4/28/2010

Survey Area.: RVAAP
Dataset: 042810A, 042810Z
Location ID: ODA1
Survey Date: 4/28/2010

2-Line Repeat Data Test

	Pre Survey		Post Survey		Metric
	042810A		042810Z		
	Latency Correction	Line	Latency Correction	Line	
	0.30	9,10	0.30	205	
	Anomaly Amplitude mV	Distance Offset (ft)	Anomaly Amplitude mV	Distance Offset (ft)	
OUT	104.99	0.35	231.50	0.07	<=2ft
BACK	100.36	0.14	244.66	0.36	<=2ft

Note: Latency correction refers to correction applied to survey dataset

Comments:
Anomaly Amplitude taken from CH3 values.

QC Location:
Center 551674.01N 2345732.44E

Repeat Line
East 551675.14N 2345757.14E
Center 551674.01N 2345732.44E
West 551673.03N 2345707.23E

Known Location QC Points Detected

Location ID	
MW-107 NTA	
Easting	2345433.46
Northing	551696.79
Anomaly Offset	
Dist. (ft)	0.06
Direction	SW

Location ID		Metric
Grid Corner (0, 400)		
Easting	2345869.55	
Northing	551526.29	
Anomaly Offset		
Dist. (ft)	0.31	<=2-ft
Direction	NNE	

Comments:
MW-107 NTA 551696.798N, 2345433.463E

Data Sampling

Platform Velocity		Metric
Average (mph)	2.0	<3 mph
Along Track / Across Track Sampling		
Along Track (ft)	0.2	<=0.6-ft
Across Track (ft)		<=3-ft
Total Area Surveyed (acres)		
This Data Set		
Incidental Data Gaps (sq ft)		
This Data Set		

Along/Across Track values are averages.

Comments:

99.93% Across Track spacing of <= 3ft. (ODA1 Master Database)

FORM D-2
NAVIGATION QC FUNCTION LOG
EM61-MK2 DATA
RAVENNA ARMY AMMUNITION PLANT

Check by: CS
Date: 4/29/2010

Survey Area.: RVAAP
Dataset: 042910A, 042910B, 042910Z
Location ID: ODA1
Survey Date: 4/29/2010

2-Line Repeat Data Test

	Pre Survey		Post Survey		Metric
	042910A		042910Z		
	Latency Correction	Line	Latency Correction	Line	
	0.30	9,10	0.30	206, 207	
	Anomaly Amplitude mV	Distance Offset (ft)	Anomaly Amplitude mV	Distance Offset (ft)	
OUT	109.34	0.28	103.42	0.06	<=2ft
BACK	103.39	0.21	NA	NA	<=2ft

Note: Latency correction refers to correction applied to survey dataset

Comments:
Anomaly Amplitude taken from CH3 values.

QC Location:
Center 551674.01N 2345732.44E

Repeat Line
East 551675.14N 2345757.14E
Center 551674.01N 2345732.44E
West 551673.03N 2345707.23E

Known Location QC Points Detected

Location ID	
MW-107 NTA	
Easting	2345433.45
Northing	551696.76
Anomaly Offset	
Dist. (ft)	0.04
Direction	SSW

Location ID		Metric
Grid Corner (0, 400)		
Easting		
Northing		
Anomaly Offset		
Dist. (ft)		<=2-ft
Direction		

Comments:
MW-107 NTA 551696.798N, 2345433.463E

Data Sampling

Platform Velocity		Metric
Average (mph)	2.0	<3 mph
Along Track / Across Track Sampling		
Along Track (ft)	0.2	<=0.6-ft
Across Track (ft)		<=3-ft
Total Area Surveyed (acres)		
This Data Set		
Incidental Data Gaps (sq ft)		
This Data Set		

Along/Across Track values are averages.

Comments:

99.9% Across Track spacing of <= 3ft. (ODA1 Master Database)

FORM D-2
NAVIGATION QC FUNCTION LOG
EM61-MK2 DATA
RAVENNA ARMY AMMUNITION PLANT

Check by: CS
Date: 4/30/2010

Survey Area.: RVAAP
Dataset: 043010A, 043010B, 043010Z
Location ID: ODA1
Survey Date: 4/30/2010

2-Line Repeat Data Test

	Pre Survey		Post Survey		Metric
	043010A		043010Z		
	Latency Correction	Line	Latency Correction	Line	
	0.30	7	0.30	206	
	Anomaly Amplitude mV	Distance Offset (ft)	Anomaly Amplitude mV	Distance Offset (ft)	
OUT	102.91	0.09	112.23	0.15	<=2ft
BACK	NA				<=2ft

Note: Latency correction refers to correction applied to survey dataset

Comments:
Anomaly Amplitude taken from CH3 values.

QC Location:
Center 551674.01N 2345732.44E

Repeat Line
East 551675.14N 2345757.14E
Center 551674.01N 2345732.44E
West 551673.03N 2345707.23E

Known Location QC Points Detected

Location ID	
MW-107 NTA	
Easting	2345433.45
Northing	551696.77
Anomaly Offset	
Dist. (ft)	0.03
Direction	SW

Location ID		Metric
Grid Corner (0, 400)		
Easting		
Northing		
Anomaly Offset		
Dist. (ft)		<=2-ft
Direction		

Comments:

Data Sampling

Platform Velocity		Metric
Average (mph)	2.1	<3 mph
Along Track / Across Track Sampling		
Along Track (ft)	0.2	<=0.6-ft
Across Track (ft)		<=3-ft
Total Area Surveyed (acres)		
This Data Set		
Incidental Data Gaps (sq ft)		
This Data Set		

Along/Across Track values are averages.

Comments:

99.93% Across Track spacing of <= 3ft. (ODA1 Master Database)

FORM D-2
NAVIGATION QC FUNCTION LOG
EM61-MK2 DATA
RAVENNA ARMY AMMUNITION PLANT

Check by: CS
Date: 5/1/2010

Survey Area.: RVAAP
Dataset: 050110A, 050110B, 050110Z
Location ID: ODA1
Survey Date: 5/1/2010

2-Line Repeat Data Test

	Pre Survey		Post Survey		Metric
	050110A		050110Z		
	Latency Correction	Line	Latency Correction	Line	
	0.30	8	0.30	206	
	Anomaly Amplitude mV	Distance Offset (ft)	Anomaly Amplitude mV	Distance Offset (ft)	
OUT	98.08	0.32	103.70	0.21	<=2ft
BACK	NA	NA	NA	NA	<=2ft

Note: Latency correction refers to correction applied to survey dataset

Comments:
Anomaly Amplitude taken from CH3 values.

QC Location:
Center 551674.01N 2345732.44E

Repeat Line
East 551675.14N 2345757.14E
Center 551674.01N 2345732.44E
West 551673.03N 2345707.23E

Known Location QC Points Detected

Location ID	
MW-107 NTA	
Easting	2345433.44
Northing	551696.75
Anomaly Offset	
Dist. (ft)	0.06
Direction	SW

Location ID		Metric
Grid Corner (400, 200)		
Easting	2346269.60	
Northing	551326.50	
Anomaly Offset		
Dist. (ft)	0.15	<=2-ft
Direction	N	

Comments:
MW-107 NTA 551696.798N, 2345433.463E
Grid Corner(400, 200) 551326.29, 2346269.55

Data Sampling

Platform Velocity		Metric
Average (mph)	2.2	<3 mph
Along Track / Across Track Sampling		
Along Track (ft)	0.2	<=0.6-ft
Across Track (ft)		<=3-ft
Total Area Surveyed (acres)		
This Data Set		
Incidental Data Gaps (sq ft)		
This Data Set		

Along/Across Track values are averages.

Comments:

99.93% Across Track spacing of <= 3ft. (ODA1 Master Database)

FORM D-2
NAVIGATION QC FUNCTION LOG
EM61-MK2 DATA
RAVENNA ARMY AMMUNITION PLANT

Check by: CS
Date: 5/2/2010

Survey Area.: RVAAP
Dataset: 050210A, 050210B, 050210Z
Location ID: ODA1
Survey Date: 5/2/2010

2-Line Repeat Data Test

	Pre Survey		Post Survey		Metric
	050210A		050210Z		
	Latency Correction	Line	Latency Correction	Line	
	0.30	7	0.30	206	
	Anomaly Amplitude mV	Distance Offset (ft)	Anomaly Amplitude mV	Distance Offset (ft)	
OUT	169.11	0.26	105.05	0.06	<=2ft
BACK	NA	NA	NA	NA	<=2ft

Note: Latency correction refers to correction applied to survey dataset

Comments:
Anomaly Amplitude taken from CH3 values.

QC Location:
Center 551674.01N 2345732.44E

Repeat Line
East 551675.14N 2345757.14E
Center 551674.01N 2345732.44E
West 551673.03N 2345707.23E

Known Location QC Points Detected

Location ID	
MW-107 NTA	
Easting	2345433.44
Northing	551696.75
Anomaly Offset	
Dist. (ft)	0.08
Direction	SSE

Location ID		Metric
Grid Corner (400, 200)		
Easting	2346069.55	
Northing	551726.29	
Anomaly Offset		
Dist. (ft)	0.13	<=2-ft
Direction	SE	

Comments:
MW-107 NTA 551696.798N, 2345433.463E
Grid Corner(400, 200) 551326.29, 2346269.55

Data Sampling

Platform Velocity		Metric
Average (mph)	2.4	<3 mph
Along Track / Across Track Sampling		
Along Track (ft)	0.2	<=0.6-ft
Across Track (ft)		<=3-ft
Total Area Surveyed (acres)		
This Data Set		
Incidental Data Gaps (sq ft)		
This Data Set		

Along/Across Track values are averages.

Comments:

99.93% Across Track spacing of <= 3ft. (ODA1 Master Database)

FORM D-2
NAVIGATION QC FUNCTION LOG
EM61-MK2 DATA
RAVENNA ARMY AMMUNITION PLANT

Check by: CS
Date: 5/5/2010

Survey Area.: RVAAP
Dataset: 050510A, 050510B, 050510Z
Location ID: MABS
Survey Date: 5/5/2010

2-Line Repeat Data Test

	Pre Survey		Post Survey		Metric
	050510A		050510Z		
	Latency Correction	Line	Latency Correction	Line	
	0.30	7	0.30	206	
	Anomaly Amplitude mV	Distance Offset (ft)	Anomaly Amplitude mV	Distance Offset (ft)	
OUT	89.75	0.39	105.48	0.55	<=2ft
BACK	NA	NA	NA	NA	<=2ft

Note: Latency correction refers to correction applied to survey dataset

Comments:
Anomaly Amplitude taken from CH3 values.

QC Location:
Center 551674.01N 2345732.44E

Repeat Line
East 551675.14N 2345757.14E
Center 551674.01N 2345732.44E
West 551673.03N 2345707.23E

Known Location QC Points Detected

Location ID	
MW-107 NTA	
Easting	2345433.49
Northing	551696.75
Anomaly Offset	
Dist. (ft)	0.05
Direction	SE

Location ID		Metric
Easting		
Northing		
Anomaly Offset		
Dist. (ft)		<=2-ft
Direction		

Comments:
MW-107 NTA 551696.798N, 2345433.463E
Grid Corner(400, 200) 551326.29, 2346269.55

Data Sampling

Platform Velocity		Metric
Average (mph)	2.6	<3 mph
Along Track / Across Track Sampling		
Along Track (ft)	0.2	<=0.6-ft
Across Track (ft)		<=3-ft
Total Area Surveyed (acres)		
This Data Set		
Incidental Data Gaps (sq ft)		
This Data Set		

Along/Across Track values are averages.

Comments:

98.75% Across Track spacing of <= 3ft. (MABS Master Database)

FORM D-2
NAVIGATION QC FUNCTION LOG
EM61-MK2 DATA
RAVENNA ARMY AMMUNITION PLANT

Check by: CS
Date: 5/6/2010

Survey Area.: RVAAP
Dataset: 050610A, 050610B
Location ID: Sand Creek
Survey Date: 5/6/2010

2-Line Repeat Data Test

	Pre Survey		Post Survey		Metric
	050610A		050610Z		
	Latency Correction	Line	Latency Correction	Line	
	0.30	7	0.30	203	
	Anomaly Amplitude mV	Distance Offset (ft)	Anomaly Amplitude mV	Distance Offset (ft)	
OUT	104.44	NA	97.09	NA	± 20%, ± 1 ft
BACK	NA	NA	NA	NA	± 20%, ± 1 ft

Comments:
Anomaly Amplitude taken from CH3 values.

QC Location:
Southern most nail in repeat line.

Repeat Line

Note: Latency correction refers to correction applied to survey dataset

Known Location QC Points Detected

Location ID	
SHAW SC02	
Easting	2367713.00
Northing	562191.74
Anomaly Offset	
Dist. (ft)	0.01
Direction	NE

Location ID		Metric
NA		
Easting	NA	
Northing	NA	
Anomaly Offset		
Dist. (ft)	NA	<=2-ft
Direction	NA	

Comments:
GPS check conducted in AM during set up of GPS equipment

Data Sampling

Platform Velocity		Metric
Average (mph)	1.5	<3 mph
Along Track / Across Track Sampling		
Along Track (ft)	0.2	<=0.6-ft
Across Track (ft)		<=3-ft
Total Area Surveyed (acres)		
This Data Set		
Incidental Data Gaps (sq ft)		
This Data Set		

Along/Across Track values are averages.

Comments:

94.00% Across Track spacing of <= 3ft. (Sand Creek Master Database)

FORM D-2
NAVIGATION QC FUNCTION LOG
EM61-MK2 DATA
RAVENNA ARMY AMMUNITION PLANT

Check by: CS
Date: 6/2/2010

Survey Area.: RVAAP
Dataset: 060210A, 060210B, 060210C
Location ID: Sand Creek
Survey Date: 6/2/2010

2-Line Repeat Data Test

	Pre Survey		Post Survey		Metric
	060210Z		060210ZZ		
	Latency Correction	Line	Latency Correction	Line	
	0.30	103	0.30	203	
	Anomaly Amplitude mV	Distance Offset (ft)	Anomaly Amplitude mV	Distance Offset (ft)	
OUT	46.86	NA	75.27	NA	± 20%, ± 1 ft
BACK	43.85	NA	70.85	NA	± 20%, ± 1 ft

Comments:
Anomaly Amplitude taken from CH3 values. Post survey file does not contain repeat data.

QC Location:
Selected at "quiet" location in field

Repeat Line

Note: Latency correction refers to correction applied to survey dataset

Known Location QC Points Detected

Location ID	
RTS control #5	
Easting	2366709.22
Northing	562907.033
Anomaly Offset	
Dist. (ft)	0.16
Direction	W

Location ID		Metric
NA		
Easting	NA	
Northing	NA	
Anomaly Offset		
Dist. (ft)	NA	<=2-ft
Direction	NA	

Comments:

Data Sampling

Platform Velocity		Metric
Average (mph)	NA	<3 mph
Along Track / Across Track Sampling		
Along Track (ft)	NA	<=0.6-ft
Across Track (ft)	NA	<=3-ft
Total Area Surveyed (acres)		
This Data Set		
Incidental Data Gaps (sq ft)		
This Data Set		

Along/Across Track values are averages.

Comments:

Velocity and Along Track/Across Track not calculated based on terrain conditions. Line path/spacing based on abillity to negotiate terrain.

FORM D-2
NAVIGATION QC FUNCTION LOG
EM61-MK2 DATA
RAVENNA ARMY AMMUNITION PLANT

Check by: CS
Date: 6/3/2010

Survey Area.: RVAAP
Dataset: 060310A, 060310B, 060310C, 060310D, 060310E, 060310F
Location ID: Sand Creek
Survey Date: 6/3/2010

2-Line Repeat Data Test

	Pre Survey		Post Survey		Metric
	060310Z		060310ZZ		
	Latency Correction	Line	Latency Correction	Line	
	0.30	102	0.30	NA	
	Anomaly Amplitude mV	Distance Offset (ft)	Anomaly Amplitude mV	Distance Offset (ft)	
OUT	66.83	NA	NA	NA	± 20%, ± 1 ft
BACK	60.15	NA	NA	NA	± 20%, ± 1 ft

Comments:
Anomaly Amplitude taken from CH3 values. Post survey file does not contain repeat data.

QC Location:
Selected at "quiet" location in field

Repeat Line

Note: Latency correction refers to correction applied to survey dataset

Known Location QC Points Detected

Location ID	
RTS control #5	
Easting	2366709.22
Northing	562907.033
Anomaly Offset	
Dist. (ft)	0.16
Direction	E

Location ID		Metric
NA		
Easting	NA	
Northing	NA	
Anomaly Offset		
Dist. (ft)	NA	<=2-ft
Direction	NA	

Comments:

Data Sampling

Platform Velocity		Metric
Average (mph)	NA	<3 mph
Along Track / Across Track Sampling		
Along Track (ft)	NA	<=0.6-ft
Across Track (ft)	NA	<=3-ft
Total Area Surveyed (acres)		
This Data Set		
Incidental Data Gaps (sq ft)		
This Data Set		

Along/Across Track values are averages.

Comments:

Velocity and Along Track/Across Track not calculated based on terrain conditions. Line path/spacing based on abillity to negotiate terrain.

FORM D-2
NAVIGATION QC FUNCTION LOG
EM61-MK2 DATA
RAVENNA ARMY AMMUNITION PLANT

Check by: CS
Date: 6/4/2010

Survey Area.: RVAAP
Dataset: 060410A, 060410B, 060410C
Location ID: Sand Creek
Survey Date: 6/4/2010

2-Line Repeat Data Test

	Pre Survey		Post Survey		Metric
	060410Z		060410ZZ		
	Latency Correction	Line	Latency Correction	Line	
	0.30	102	0.30	202	
	Anomaly Amplitude mV	Distance Offset (ft)	Anomaly Amplitude mV	Distance Offset (ft)	
OUT	24.38	NA	98.14	NA	± 20%, ± 1 ft
BACK	22.5	NA	102.1	NA	± 20%, ± 1 ft

Comments:
Anomaly Amplitude taken from CH3 values.

QC Location:
Selected at "quiet" location in field

Repeat Line

Note: Latency correction refers to correction applied to survey dataset

Known Location QC Points Detected

Comments:

Location ID	
RTS control #19	
Easting	2366895.12
Northing	563366.507
Anomaly Offset	
Dist. (ft)	0.49
Direction	NW

Location ID		Metric
RTS control #80		
Easting	2366550.76	
Northing	562757.22	
Anomaly Offset		
Dist. (ft)	0.79	<=2-ft
Direction	W	

Data Sampling

Comments:

Velocity and Along Track/Across Track not calculated based on terrain conditions. Line path/spacing based on abillity to negotiate terrain.

Platform Velocity		Metric
Average (mph)	NA	<3 mph
Along Track / Across Track Sampling		
Along Track (ft)	NA	<=0.6-ft
Across Track (ft)	NA	<=3-ft
Total Area Surveyed (acres)		
This Data Set		
Incidental Data Gaps (sq ft)		
This Data Set		

Along/Across Track values are averages.

Appendix E
Comment Response Table

Cmt. No.	Page#/ Line#	New Page or Sheet	Comment	Recommendation	Response
Eileen Mohr, Ohio EPA (November 5, 2010)					
O-1	Doc dist pg		Title change.	Change to Ohio EPA Project Manager.	"Facility Manager" will be changed to "Project Manager"
O-2	Doc dist pg/4		Changes needed.	Change BRACO to BRACD and Office to Division.	"BRACO" will be changed to "BRACD ". "Base Realignment and Closure *Office*" will be changed to "Base Realignment and Closure *Division*"
O-3	Fig 1-2		There is a new installation map that has all AOCs/MRs and compliance restoration sites depicted.	If available from USACE in this size, please obtain and put in the revised report.	Shaw has received a revised installation map from USACE and will include it in the final version of the DGM report as recommended.
O-4	1-11/11-12		[I am operating from memory here as I do not have access to any of the MABS reports.] I believe that it was a guess that what might be here are CAIS kits, not that it was definitive that if there were items present at MABS that they were CAIS kits.	Please check this out by looking at other reports and asking Mark Patterson. If this sentence needs to be less definitive, please make it so.	The CAIS kits consist of glass containers which store the mustard agent itself. There does not appear to be any discrepancy in the 2008 EQ Geophysical Investigation Report site background description or the interview in Attachment 1to the EQ report as to the mustard agent being in the CAIS kits. The question regarding the MABS (and the purpose of the investigation) was to identify if the CAIS kits, if buried at the site, were buried in drums, paint cans or PIGs? It is recommended that this sentence remain.
O-5	2-2/32		Clarification requested.	Should this really read parts per million? If not, please change.	The units of 'ppm' are correct. This refers to the distance between the total station and the prism.
O-6	Fig 4-1		Clarification requested.	a. there appears to a number of areas (white) where there was no geophysical coverage within the defined boundary. Please explain.	In order to provide as much coverage as possible, Shaw performed vegetation clearance of brush, small diameter trees (less than 3 inches) and hanging limbs less than six feet above ground surface

Cmt. No.	Page#/ Line#	New Page or Sheet	Comment	Recommendation	Response
					in advance of the DGM activities at the areas identified in the Scope of Work. Even following those efforts, the thick tree canopy limited GPS capability at most areas along the slopes and use of the Robotic Total Station (RTS) was required. The RTS was set up on the top of slopes where it had access to the satellites and operates on "line of sight" transmission with the GPS prism on the EM61. Discussion of the RTS and applicability to the Sand Creek Site is discussed in Section 2.3.2. In order to further explain the "white areas" on Figure 4-1 (to be Figure 4-1a and newly added Figure 4-1b per response to comment O-7), the following statement will be added to Section 6.1: "As the DGM activities progressed along the steep slopes, the GPS prism attached to the EM61-MK2 was sometimes obscured by the larger diameter trees, remaining vegetation and steep slopes which limited the RTS tracking capabilities. These resulted in the "white areas" shown in Figure 4-1a and Figure 4-1 b, in particular at the southern portion of the site where thicker forest conditions are present. In addition, DGM activities along the slopes of the site were limited at areas with steep and rugged terrain (>40 degrees), primarily at the central portion of the site, that had the potential to impact worker safety."
O-7	Fig 4-1		Discussion needed.	It appears that there may be additional anomalies to the north	The following statement will be added to Section 6.1 to further explain the

Cmt. No.	Page#/ Line#	New Page or Sheet	Comment	Recommendation	Response
				and to the east of the area delineated by the thin grey line (polygon area). Specifically, the equipment was getting a good response in terms of metallic anomalies and the survey ends. The question is: have we determined the extent, which was a goal of this DGM survey? Is there some reason (i.e. inaccessibility) that the DGM survey was stopped here? Also – add polygon depiction to revised figure key.	extent of the survey boundaries at Sand Creek: "Where possible, Shaw continued DGM activity beyond the AOC boundary and the approximate survey boundary presented in the SOW until a background response was received with the following exceptions; the east was limited by the tree line to the forested area with dense canopy and coverage to the north was stopped as the DGM activities were beginning to encroach upon the footprint of the former Sand Creek Wastewater Treatment Plant which is not considered as part of the AOC." The color intensity scale used for both Sand Creek as well as ODA1 is very sensitive and was selected to be able to clearly exhibit both small and large individual MEC items at shallow and deep depths and allow direct comparison of the AOCs in terms of the geophysical data. When using a sensitive color scale within a landfill environment, the primary objective is to delineate the area(s) of large-scale burial. However, due to the sensitive color-scale used, some anomalies outside of the main burial area will seem significant based on their color. Shaw recommends providing another figure that has a less sensitive color scale for Sand Creek (Figure 4-1b) which will denote the larger items of the main burial cell and minimize the less significant features outside of this area. An image denoting a less sensitive color scale at the Sand Creek

Cmt. No.	Page#/ Line#	New Page or Sheet	Comment	Recommendation	Response
					site will be included as Figure 4-1b and explains the intent of this discussion is attached to these RTCs. The first paragraph of Section 6.1 will be revised as follows to better explain the separation of the anomaly identified at the northern most survey area and the main burial cell: "The EM61-MK2 and G-858 survey data indicate that the largest portion of the metal debris at the site is present northeast of the former railroad bed (Figure 4-1a and Figure 4-1b). There are many regions within this area that are characterized by signals of several hundred to several thousand mVs. The large oval-shaped area that trends southwest-northeast in the northeastern portion of the AOC (contiguous pink colors on color-coded image) is approximately 0.8 acres in size. Outside of this area, the anomalies are more dispersed indicating that this 0.8 acre area is the main cell for remaining buried anomalies. This is supported by concrete rubble and debris that is visibly present on ground surface at the location of this defined burial area. The linear anomaly at the northeastern tip of the survey area is localized and not part of the main burial cell as is best shown in Figure 4-2b which denotes the larger items of the main burial cell and minimizes the less significant features." With regards to comments regarding polygon depiction, Figure 4-1 has a note in the legend that indicates the

Cmt. No.	Page#/ Line#	New Page or Sheet	Comment	Recommendation	Response
					"outlined areas indicate larger contiguous area of increased anomaly density."
O-8	Figs 4-2a and 4-2b		Clarification requested.	a. there appears to a number of areas (white) where there was no geophysical coverage within the defined boundary. Please explain. b. identify the feature south of the 4557850 line and east of the 489200 line. c. anyway to depict the former berm area more clearly? (This would help when referred to in text on page 6-1.) If this is done… add to the key. d. add polygon depiction to revised figure key.	a. Section 6.2 has been revised to include the following statement to clarify the "white areas" in the defined boundary: "The "white areas" to the east and south portions of the defined AOC boundary represent locations limited due to dense tree canopy, wet, and/or thick forest conditions. It should be noted that the southern portion of the AOC boundary as defined in the SOW actually extends into the flood plain associated with Hinkley Creek. For the most part, there are decreases in sensitivity as the geophysical investigations approached the boundaries where there was no coverage, in particular to the east and southeast. The fiducial surveys (linear transects as discussed in Section 2.3.3 and shown as the individual "spikes" along the southern survey boundaries in Figure 4-2a and Figure 4-2b) were performed at the southern AOC boundary where high anomaly density was identified and indicated decreased sensitivity (i.e., hot pink to green and blue in the color coded image) in that direction as well." b. The feature mentioned in the comment is an existing monitoring well. This will be clearly noted in the legend for Figures 4-2a and 4-2b. c. The location of the former earthen berm location in Figures 4-2a and 4-2b

Cmt. No.	Page#/ Line#	New Page or Sheet	Comment	Recommendation	Response
					will be better defined. d. With regards to comments regarding polygon depiction, Figure 4-2a and 4-2b has a note in the legend that indicates the "outlined areas indicate larger contiguous area of increased anomaly density."
O-9	Figs 4-2a and 4-2b		Discussion needed.	It appears that there may be additional anomalies especially to the south/southwest. Specifically, the equipment was getting a good response in terms of metallic anomalies and the survey ends. The question is: have we determined the extent , which was a goal of this DGM survey? Is there some reason (i.e. inaccessibility) that the DGM survey was stopped here? Minimally, it looks like we need to expand the area bounded by Seibert stakes.	As discussed in the report, the anomaly density is relatively low in the areas to the south compared to that observed within the central portion of the survey site. The southern extents of the DGM investigation results are bounded by a thick stand of old trees (as opposed to tree growth less than 40 years) as well as Hinkley Creek which indicate that a disposal activity beyond the areas defined during this DGM, if any, was minimal. This delineation was performed by fiducial surveys which are described in Section 2.3.3. Shaw will provide additional details to Figures 4-2a and 4-2b that shows the location of Hinkley Creek for clarification purposes. Shaw will add the additional text as discussed in the response to comment O-8a that will further explain the rationale for the areas surveyed to the east and south. It is agreed that current area bounded by the Siebert stakes should be expanded based on the DGM results.
O-10	Fig 4-3		Clarification needed.	Please clarify what the numbers in the circles represent.	The numbers in the circles on Figure 4-3 represent the anomaly ID for anomalies that exceed the threshold of

Cmt. No.	Page#/ Line#	New Page or Sheet	Comment	Recommendation	Response
					5 mV for Channel 2. This will be defined in Figure 4-3.
O-11	Fig 4-3		Discussion needed.	We need to discuss the implications of the results of the survey at MABS; i.e. how/where to implement restrictions.	Agreed. The implications of the results of MABS will then be presented in the Focused Feasibility Study for MABS, currently being prepared by Shaw. It is Shaw's current understanding that the proposed remedy alternative for MABS will be LUCs with no intrusive activities allowed. Any other administrative or access controls associated with LUCs will be coordinated with the Army and Ohio EPA prior to inclusion in the FFS.
O-12	4-6/2-4		Revisions/clarification requested.	a. the figures that are described in this text should have the polygon areas listed in the appropriate map legends/key. b. how is "relatively higher anomaly density" defined?	a. Figures 4-1 through 4-2b each have notes that indicate the "outlined areas indicate larger contiguous area of increased anomaly density" which are the items referenced by the text on page 4-6. b. "relatively" is a subjective word so for clarification, the sentence will be revised as follows: "….the data interpreter selected areas with *increased* anomaly density….."
O-13	4-6/13		Clarification requested.	The text indicates that the automatic target selector was based upon the channel 2 data. It is my understanding that channel 1 provides better data, although there is greater noise. Is this why channel 2 was selected over channel 1?	The automatic picker could have been based on Channel 1 using a higher threshold. For an anomaly, Channel 1 > Channel 2 > Channel 3 > Channel 4. Channel 2 is often the best-suited for analysis as it contains a high signal to noise ratio and is more stable (less drift) than the Channel 1 data. This explanation will be stated in the text for lines 13 to 14. The anomaly selection criteria and

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					target picking protocol used were based on the GPO results as stated in lines 15-16.
O-14	5-1/8		Typo. Correction needed.	Change collect to collected.	"collect" will be revised to "collected".
O-15	5-2/1		Addition requested.	The text indicates that the performance metrics were met. In the revised document, add text which indicates where these performance metrics can be found.	The performance metrics can be found in the Geophysical Investigation Plan (GIP). This document was referenced earlier in the report so line 1 will be revised to: "Static, cable shake, and personal tests achieved the performance metrics presented in the GIP throughout the duration of the project."
O-16	5-2/16-19		The text indicates that that the nulling of the coils was challenging and that there was also a procedural error in the field.	Please clarify what, if any, impact that these had on the resulting data.	The data are balanced during processing and the inability of the data to be nulled in real time is not a critical factor and did not compromise any data collected. This will be clarified in the text.
O-17	5-2/27		Minor grammar.	Meets should be meet, correct? (Data is plural in this case.)	"meets" will be revised to "meet".
O-18	5-3/21		Clarification needed. Discussion may be needed.	The text indicates that the data determined the broader limits of the metallic waste materials at Sand Creek. We need to look at the issue of whether there would have been more anomalies encountered to the north and east (on the northern end) if the survey had been broader. I am not saying the survey should have been broader, but I am wondering however, if we can realistically say we have a good handle on the extent of potential MEC/metallic debris etc..	See response to Comment O-7.
O-19	6-1/4-19		Clarification needed. Discussion may	The text indicates that the data	See response to Comment O-7.

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			be needed.	determined the broader limits of the metallic waste materials at Sand Creek. We need to look at the issue of whether there would have been more anomalies encountered to the north and east (on the northern end) if the survey had been broader. I am not saying the survey should have been broader, I am wondering however, if we can realistically say we have a good handle on the extent of potential MEC/metallic debris etc..	
O-20	6-1/22		Clarification requested.	Should circumvent be "surround" or some other word for text clarity?	"circumvent" will be replaced with "surround".
O-21	6-1/20 to 6-2/11		Discussion will be needed.	Based upon the figures resulting from the DGM surveys, minimally, it appears that the current area surrounded by Seibert stakes will need to be expanded.	It is agreed that current area bounded by the Siebert stakes should be expanded based on the DGM results.
O-22	6-1/20 to 6-2/11		Discussion will be needed.	It appears that there may be additional anomalies especially to the south/southwest. Specifically, the equipment was getting a good response in terms of metallic anomalies and the survey ends. The question is: have we determined the extent, which was a goal of this DGM survey?	See response to comment O-9
O-23	6-2/15-16		Clarification needed.	The text indicates that several of the anomalies at MABS have characteristics similar to the items placed in the GPO. Can you prepare another figure that clearly indicates what anomalies are being	The anomalies that are most "MEC-like" when compared to the GPO results are specified on the interpretation database for the site. The requested information will be provided on the dig list which is included in

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				referred to, and what item their signature is similar to in the GPO?	Appendix C on CD. A copy of this CD will be provided with a hard copy of these RTCs.
O-24	6-2/18-19		Clarification requested.	The text indicates that the linear features at the MABS AOC are assumed to be related to sub-surface utilities, etc.. What is this assumption based upon? Existing as-built drawings?	Shaw has reviewed the available utility figures on REIMS and there are no such figures available for the NACA Test Area that includes MABS and ODA1. There are drainage pipes along the crash strip (east of the test pad) that can be observed to terminate in the field that drains toward Hinkley Creek; however, the "linear features" mentioned here are to the north of the test pad. It is assumed that these features are somehow related to the test pad based on the size, length and perpendicular positioning in relationship to the pad. The intent of this discussion is to state that these features are not representative of a mass burial area that would be expected if containers of mustard agent were disposed at this location. This statement will be added following line 19.
O-25	App C		Provide.	CD missing from original submission.	The CD for Appendix C will be provided with a hard copy of these RTCs.

Appendix F
Ohio EPA Approval Letter

Note: This is a placeholder page. Shaw will supply a signed authorization page to be inserted into the final hard copy document as soon as it becomes available. Replacement CDs that include the signed authorization page will also be supplied.

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