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FINAL EXPANDED SITE INVESTIGATION REPORT MILITARY MUNITIONS RESPONSE
PROGRAM (MMRP) SITE UXO-10 (ASR 2/136) FORMER D-11A FLAME TANK AND FLAME
THROWER RANGE MCB CAMP LEJEUNE NC
3/1/2012
CH2M HILL

Final

**Expanded Site Investigation Report
Military Munitions Response Program Site UXO-10 (ASR #2.136)-
Former D-11A Flame Tank and Flame Thrower Range**

Marine Corps Base Camp Lejeune
Jacksonville, North Carolina



Prepared for

**Department of the Navy
Naval Facilities Engineering Command
Mid-Atlantic**

Contract No.
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Prepared by

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CH2MHILL

Raleigh, North Carolina



Executive Summary

This report documents the findings of the Expanded Site Investigation (SI) at United States Marine Corps Military Munitions Response Program (MMRP) Site Unexploded Ordnance (UXO) -10 (Archive Search Report [ASR] #2.136) – Former D-11A Flame Tank and Flame Thrower Range at Marine Corps Base Camp Lejeune (MCB CamLej) in Jacksonville, North Carolina. The Expanded SI was conducted by CH2M HILL under the Naval Facilities Engineering Command Comprehensive Long-Term Environmental Action—Navy (CLEAN) Contract N62470-08-D-1000, Contract Task Order (CTO) 0014.

Site UXO-10 is located west of Sneads Ferry Road and is bisected by Gonzalez Boulevard and an unnamed tank road in the Hadnot Point area on the 'Mainside' of MCB CamLej. The site covers approximately 10 acres, the majority of which is cleared and consists of parking lots, fenced motor pool lots, and paved roads (Gonzalez Boulevard bisects the lot from north to south) with the exception of an undeveloped, grassy area with sparse woods comprising the southeast portion. According to the *Range Identification and Preliminary Range Assessment* (U.S. Army Corps of Engineers, 2001), Site UXO-10 was reportedly used as a flame thrower range from 1970 to 1977.

The purpose of the Site UXO-10 Expanded SI was to address the Preliminary Assessment/Site Inspection (PA/SI) Report (CH2M HILL, 2011a) recommendation to intrusively investigate the sources of geophysical anomalies identified as representing potential subsurface munitions and explosives of concern (MEC). The PA/SI risk screening found no unacceptable risks to human or ecological receptors from exposure to site media; therefore, no additional environmental characterization was conducted during the Expanded SI.

MEC Intrusive Investigation Results

The PA/SI digital geophysical mapping (DGM) survey of approximately 10.7 percent (approximately 1.1 acre) of Site UXO-10 (ASR #2.136) yielded 1,228 geophysical anomalies representing potential subsurface MEC. Intrusive investigation of these 1,228 anomalies during the Expanded SI found no MEC. Two items classified as material potentially presenting an explosive hazard (MPPEH) were found: one 3.5-inch Practice Rocket, M29A2, warhead and one expended small arms cartridge casing, none of which contain high explosives. The practice rocket warhead was found in suspected road fill material, and did not appear to be related to historical range activities. Because no MEC or MPPEH containing explosive material was found at Site UXO-10, the residual risk from MEC at Site UXO-10 is considered to be low.

Recommendations

No further action is recommended at Site UXO-10. Because it is not possible to provide 100 percent assurance that all MEC items have been detected and removed, it would be prudent to provide "3R" munitions safety awareness training to all Military Construction (MILCON) personnel who will be conducting subsurface intrusive activities within the MRS and to provide on-call support from MCB CamLej Explosive Ordnance Disposal (EOD) or a qualified UXO contractor for inspection and disposal of suspected MEC that may be unearthed.

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Acronyms and Abbreviations

ASR	Archive Search Report
Baker	Baker Environmental, Inc.
BBG	Base background
bgs	below ground surface
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CLEAN	Comprehensive Long-Term Environmental Action—Navy
COPC	chemical of potential concern
CTO	Contract Task Order
CWM	chemical warfare materiel
DGM	digital geophysical mapping
DoD	Department of Defense
DRO	diesel range organics
EM61	EM61-MK2 electromagnetic system
EOD	Explosive Ordnance Disposal
ERS	Ecological Risk Screening
ESS	Explosives Safety Submission
°F	degrees Fahrenheit
ft/ft	foot per foot
gpm	gallons per minute
GRO	gasoline range organics
HC	Hexachlorethane
HHRS	Human Health Risk Screening
IS	incremental sampling
MC	munitions constituents
MCB CamLej	Marine Corps Base Camp Lejeune
MDAS	material documented as safe
MEC	munitions and explosives of concern
mg/kg	milligram(s) per kilogram
µg/L	microgram(s) per liter
MMRP	Military Munitions Response Program
MPPEH	material potentially presenting an explosive hazard
MRP	Munitions Response Program
MRS	Munitions Response Site
NCDENR	North Carolina Department of Environment and Natural Resources
NCGWQS	North Carolina Groundwater Quality Standards
NC SSL	North Carolina Soil Screening Level
PA/SI	Preliminary Assessment/Site Inspection
PETN	pentaerythritol tetranitrate
QA	quality assurance
QC	quality control
RSL	Regional Screening Level
SI	Site Investigation

SOP	Standard Operating Procedure
SVOC	semivolatile organic compound
TAL	Target Analyte List
TCL	Target Compound List
TPH	total petroleum hydrocarbons
USACE	United States Army Corps of Engineers
USAE	USA Environmental, Inc.
USEPA	United States Environmental Protection Agency
UXO	unexploded ordnance
UXOQCS	UXO Quality Control Specialist
VOC	volatile organic compound

Introduction

This report documents the findings of the Expanded Site Investigation (SI) conducted at United States Marine Corps Military Munitions Response Program (MMRP) Site Unexploded Ordnance (UXO) - 10 – Former D-11A Flame Tank and Flame Thrower Range (Archive Search Report [ASR] #2.136) at Marine Corps Base Camp Lejeune (MCB CamLej) in Jacksonville, North Carolina (**Figure 1-1**).

The Expanded SI was conducted by CH2M HILL under the Naval Facilities Engineering Command Comprehensive Long-Term Environmental Action—Navy (CLEAN) Contract N62470-08-D-1000, Contract Task Order (CTO) 0014.

1.1 Purpose

The purpose of the Site UXO-10 Expanded SI was to address the recommendations in the Preliminary Assessment/ Site Inspection (PA/SI) Report (CH2M HILL, 2011a), which was conducted as part of the MCB CamLej investigation of closed ranges following the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) investigation process. The PA/SI recommended intrusive investigation of the sources of geophysical anomalies identified during the digital geophysical mapping (DGM) survey and re-evaluation of the need for additional munitions constituents (MC) sampling after the intrusive investigation.

1.2 Objectives and Approach

The objective of the UXO-10 Expanded SI was to assess, through intrusive investigation, the nature of 1,228 geophysical anomalies identified as representing potential subsurface munitions and explosives of concern (MEC).

The Expanded SI was conducted in accordance with the Expanded SI Work Plan (CH2M HILL, 2011b) and the Munitions Response Program (MRP) Master Project Plans (CH2M HILL, 2008).

1.3 Report Organization

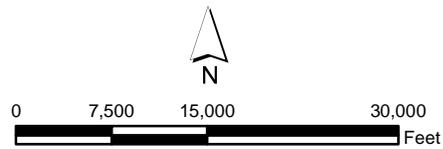
This Expanded SI report is organized as follows:

- Section 1 - Introduction – provides the project objectives of the Expanded SI and tasks performed
- Section 2 - Site Background – provides a summary of the site description, history, and physical setting
- Section 3 - Field Investigation Activities – provides a summary of the field activities conducted to evaluate potential MEC
- Section 4 - Intrusive Investigation Results – provides a summary of the field investigation results
- Section 5 - Conclusions and Recommendations - presents the project conclusions and recommendations
- Section 6 - References - presents the documents cited in the report

Figures and tables are provided at the end of their respective sections. Historical data and field documentation of the intrusive investigation are contained in the appendices.



- Legend**
- Highways
 - Site UXO-10 Boundary
 - Installation Boundary



1 inch = 15,000 feet

Figure 1-1
Base Location Map
Site UXO-10, Former D-11A Flame Tank and
Flame Thrower Range
MCB CamLej
North Carolina



Site Background

This section summarizes regional and site-specific information, including location, site setting, physical characteristics, and history.

2.1 MCB CamLej Location and Description

MCB CamLej covers approximately 236 square miles in Onslow County, North Carolina, and is bisected by the New River, which flows in a southeasterly direction toward the Atlantic Ocean. Construction of MCB CamLej began in 1941 with the objective of developing the world's most complete amphibious training base. The mission of MCB CamLej is to maintain combat-ready units for expeditionary deployment. MCB CamLej provides housing, training facilities, logistical support, and administrative supplies for Fleet Marine Force units and other assigned units. The Base and surrounding community is home to an active-duty, dependent, retiree, and civilian population of approximately 180,000 people. Land use surrounding MCB CamLej is varied. Mainly commercial properties are located along the northern boundary. A mix of agricultural lands and residential areas are located along the eastern and western boundaries of the Base. The southern boundary of MCB CamLej extends to the New River and Atlantic Ocean.

2.2 Site Setting

Site UXO-10 is a 10-acre area bisected by Gonzalez Boulevard and an unnamed tank road just west of Sneads Ferry Road in the Hadnot Point area on the 'Mainside' of MCB CamLej (**Figure 2-1**). The majority of the site is cleared and consists of parking lots, fenced motor pool lots, and paved roads (Gonzalez Boulevard bisects the lot from north to south), with the exception of an undeveloped, grassy area with sparse woods comprising the southeastern portion of Site UXO-10.

A Base supply well, PSW HP 628, is located approximately 2,500 feet (ft) southeast of the site on the eastern side of Sneads Ferry Road south of its intersection with McHugh Boulevard (aka Main Service Road). According to the *MCB CamLej Wellhead Protection Plan Update* (A.H. Environmental Consultants, 2002), this 200-ft supply well is actively pumping at a rate of 180 gallons per minute (gpm) with a screened interval from 60-145 ft below ground surface (bgs). The Plan indicated that the well's cone of depression is unlikely to extend to Site UXO-10.

Site UXO-10 (ASR # 2.136) has flat topography, except that the parking lots are slightly raised from the rest of the site. As a result, surface water runoff flows into stormwater drainages paralleling the east-west trending tank road. These ditches drain stormwater toward the east.

2.3 Site History

Site UXO-10 was identified as an MMRP site based on historical information contained in the *Final Range Identification and Preliminary Range Assessment* (U.S. Army Corps of Engineers [USACE], 2001). The use of this area prior to 1970 is unknown. Former range maps dated from 1942 through 1964 illustrate that the area was undeveloped with no roads, buildings, or other indications of land use shown on the maps. Aerial photos from this period show that parts of Site UXO-10 were cleared, with dirt roads or paths crossing through wooded areas. According to the *Final Range Identification and Preliminary Range Assessment* (USACE, 2001), Site UXO-10 was reportedly used as a flame thrower range from 1970 to 1977. According to this report, munitions used at the range included flame throwers and small arms blank ammunition, which was reportedly used on tanks for demonstration purposes (USACE, 2001). Also, demolitions (C-4), hexachloroethane (HC) smoke grenades and white phosphorous hand grenades were used on the course (Richardson, 2008, personal communication).

The M2-A1 man-portable backpack flame thrower was reportedly used at Site UXO-10 (Richardson, 2008, personal communication). The M2-A1 used a thickened fuel consisting of gasoline and oil mixed together and propelled the flame using a compressed gas (reportedly nitrogen or propane).

No other ranges have been identified in this area; however, it has been used as a maneuver/training area. Munitions were used on all areas of the range and complete rounds would be located on the surface; however, over the years, construction and other ground movement may have caused the rounds to be buried to an unknown depth (USACE, 2001).

2.4 Previous Investigations

A site wide Preliminary Assessment/Site Inspection (PA/SI) is the only field investigation that has been conducted at Site UXO-10. The PA/SI was conducted by CH2M HILL under the Naval Facilities Engineering Command (NAVFAC), Navy Comprehensive Long-term Environmental Action—Navy (CLEAN) Contract N62470-08-D-1000, Contract Task Order (CTO) 0014.

2.4.1 PA/SI Field Investigation Summary

A PA/SI was conducted at Site UXO-10 (ASR # 2.136) in 2009 to evaluate potential contamination of environmental media and to evaluate the potential presence and nature of impacts from subsurface MEC that may have resulted from activities associated with the former flame tank and flame thrower range. The technical approach employed to meet the site objectives included:

- Evaluation of the potential presence and nature of impacts to environmental media resulting from historical munitions use at the site
- Evaluation of whether additional investigation and/or remediation activities are necessary
- Identification of geophysical anomalies that may represent subsurface MEC

Thirty-six soil borings were drilled and 10 temporary groundwater monitoring wells were installed to characterize the shallow lithology and hydrogeology at the site. The soil borings were advanced to depths as great as 25 feet bgs, and continuous soil cores retrieved from these borings were examined and the lithology described by the CH2M HILL geologist. The 10 temporary monitoring wells were installed to depths ranging from 15 to 24 feet bgs, and static water levels were gauged to support the interpretation of the surficial aquifer flow direction and the hydraulic gradient. The site geology and hydrogeology are discussed in Section 2.7.

Two composite sampling approaches (incremental sampling [IS] and TR-02-1) were utilized to collect representative surface soil samples (0-2 inches bgs). The IS procedure is described in the Standard Operating Procedure (SOP) entitled *Systematic Random Increment Sampling* in Appendix C of the Munitions Response Program (MRP) Master Project Plans (CH2M HILL, 2008). The TR-02-1 sampling approach required compositing a minimum of 30 sample aliquots from random locations within each 1-meter by 1-meter sampling location. Discrete surface soil samples (0-6 inches bgs) were also collected during the PA/SI field activities.

The environmental media samples collected included:

- Nine composite surface soil samples using the TR-02-01 sampling method, nine samples using the IS sampling method, and nine discrete surface soils samples
- One unsaturated subsurface soil sample from each of the 36 soil cores collected using a direct-push technology (DPT) rig
- Ten groundwater samples from temporary groundwater monitoring wells

Soil and groundwater samples were submitted to an analytical laboratory for the following analyses:

TR-02-1 and IS Surface Soil Samples

- Explosives residues, including pentaerythritol tetranitrate (PETN) and nitroglycerin (SW-846 United States Environmental Protection Agency [USEPA] Method 8330)
- Perchlorate (SW-846 USEPA Method 6850)
- Target Analyte List (TAL) total metals (SW-846 USEPA Method 6010B)

Discrete Surface Samples

- Target Compound List (TCL) Volatile Organic Compounds (VOCs) (OLM04)
- TCL semi-volatile organic compounds (SVOCs) (OLM04)
- Total petroleum hydrocarbons (TPH) – gasoline range organics (GRO) (SW-846 USEPA Method 8015)
- TPH – diesel range organics (DRO) (SW-846 USEPA Method 8015)

Subsurface Soil and Groundwater Samples

- Explosives residues, including PETN (SW-846 USEPA Method 8330) and nitroglycerin (SW-846 USEPA Method 8332)
- Perchlorate (SW-846 USEPA Method 6850)
- TAL total metals (SW-846 USEPA Method 6010B)
- TAL dissolved metals, MR10-TW14 only (SW-846 USEPA Method 6010B)
- TCL VOCs (OLM04)
- TCL SVOCs (OLM04)
- TPH –GRO (SW-846 USEPA Method 8015)
- TPH –DRO (SW-846 USEPA Method 8015)

Soil and groundwater analytical data are provided in **Appendix A**.

2.4.2 PA/SI Surface Soil Summary

Both surface and subsurface soil samples were screened against the North Carolina Soil Screening Levels (NC SSLs), the adjusted USEPA Regional Screening Levels (RSLs) for Chemical Contaminant Tables (USEPA, 2008), and MCB CamLej background soil concentrations (two times the mean base background [BBG] concentration), which were available for inorganic analytes only (Baker, 2001), as presented in the PA/SI Report (CH2M HILL, 2011a).

The USEPA RSLs for non-carcinogenic compounds were adjusted by dividing by 10 to conservatively account for exposure to multiple analytes. The methodology for calculating NC SSLs for contaminant migration from soil to groundwater was developed to identify chemical concentrations in soil that have the potential to impact groundwater. The NC SSLs are back-calculated from acceptable groundwater concentrations, taking fate and transport parameters into consideration (North Carolina Department of Environment and Natural Resources [NCDENR], 2000).

The screening criteria comparison results for surface soil are summarized as follows:

2.4.2.1. Incremental Surface Soil Samples from Decision Units

- One **explosives residue**, 2-amine-4,6-dinitrotoluene, was detected in one incremental surface soil sample, MR10-DU03-SS01-09D, but did not exceed the screening criterion.
- **Perchlorate** was not detected in any of the incremental surface soil samples.
- Five **metals** were detected in incremental surface soil samples at concentrations exceeding regulatory screening criterion and background as shown below.

Analyte	Frequency of Detection (# detected/# sampled)	Maximum Concentration (milligram per kilogram [mg/kg])	Minimum Concentration (mg/kg)	Screening Criteria (mg/kg)	Frequency of Exceedances
Aluminum	10/10	8,940	3,390	2x mean BBG	2
				Residential RSL	1
Arsenic	10/10	7.75	0.778	2x mean BBG	10
				Residential RSL	10
				Industrial RSL	2
				NC SSL	1
Chromium	10/10	13.6	4.26	2x mean BBG	3
				Residential RSL	10
				Industrial RSL	4
				NC SSL	10
Cobalt	10/10	3.24	0.327	2x mean BBG	10
				Residential RSL	1
Iron	10/10	3,360	1,520	2x mean BBG	2
				NC SSL	10

2.4.2.2. TR-02-1 and Discrete Surface Soil Samples

- Eight **VOCs** were detected in surface soil samples. None of these constituents exceeded their respective screening criteria.
- Fourteen **SVOCs** were detected in surface soil samples. Only benzo(a)pyrene was detected in exceedance of screening criteria. All other SVOC detections were below their respective screening criteria.

Analyte	Frequency of Detection (# detected/# sampled)	Maximum Concentration (mg/kg)	Minimum Concentration (mg/kg)	Screening Criteria (mg/kg)	Frequency of Exceedances
Benzo(a)pyrene	7/10	63	UD	Residential RSL	2
				NC SSL	1

- Four **explosives residues** (1,3-dinitrobenzene, 2-amino-4,6-dinitrotoluene, PETN, and tetryl) were detected in two surface soil samples. None of these constituents exceeded their respective screening criteria.
- **Perchlorate** was detected in one surface soil sample, MR10-SS08-09D, but did not exceed its screening criteria.
- Four **metals** were detected in discrete surface soil samples at concentrations exceeding regulatory screening criterion and background as shown below.

Analyte	Frequency of Detection (# detected/ # sampled)	Maximum Concentration (mg/kg)	Minimum Concentration (mg/kg)	Screening Criteria (mg/kg)	Frequency of Exceedances
Aluminum	10/10	8,280	1,630	2x mean BBG	4
				Residential RSL	2
Arsenic	10/10	1.46	0.315	2x mean BBG	7
				Residential RSL	9
Chromium	10/10	8.74	2.4	2x mean BBG	5
				Residential RSL	10
				Industrial RSL	6
				NC SSL	6
Iron	10/10	4,260	849	2x mean BBG	3
				NC SSL	10

Figures 2-2 and 2-3 show the locations of the Site UXO-10 surface soil screening criteria exceedances.

2.4.3 Subsurface Soil Summary

Results of the subsurface soil screening criteria (refer to Section 2.4.1) evaluation are summarized as follows (CH2M HILL, 2011a):

- Seven **VOCs** were detected in subsurface soil samples. None of these constituents exceeded their respective screening criteria.
- **Three SVOCs** (2-methylnaphthalene, fluorene, and naphthalene) were detected in subsurface soil samples. None of these constituents exceeded their respective screening criteria.
- **Perchlorate** was not detected in any subsurface soil samples.
- Four **explosives residues** (1,3,5-trinitrobenzene; 2,6-dinitrotoluene; HMX; and RDX) were detected in subsurface soil samples. None of these constituents exceeded their respective screening criteria.
- Six **metals** were detected in subsurface soil samples at concentrations exceeding regulatory screening criterion and background as shown below.

Analyte	Frequency of Detection (# detected/# sampled)	Maximum Concentration (mg/kg)	Minimum Concentration (mg/kg)	Screening Criteria (mg/kg)	Frequency of Exceedances
Aluminum	40/40	19,100	1,820	2x mean BBG	14
				Residential RSL	17
Arsenic	39/40	9.05	0.169	2x mean BBG	9
				Residential RSL	20
				Industrial RSL	9
				NC SSL	5
Chromium	40/40	33.1	2.42	2x mean BBG	8
				Residential RSL	40
				Industrial RSL	24
				NC SSL	31

Analyte	Frequency of Detection (# detected/# sampled)	Maximum Concentration (mg/kg)	Minimum Concentration (mg/kg)	Screening Criteria (mg/kg)	Frequency of Exceedances	
Cobalt	11/40	9.51	0.301	2x mean BBG	0.882	3
				Residential RSL	2.3	3
Iron	40/40	12,100	390	2x mean BBG	3,245	7
				Residential RSL	5,500	7
				NC SSL	150	40
				2x mean BBG	17.2	10
Vanadium	40/40	47.6	2.20	Residential RSL	39	1
				2x mean BBG	17.2	10

Figure 2-4 presents the locations of the Site UXO-10 subsurface soil screening criteria exceedances.

2.4.4 Groundwater Summary

Groundwater results from the 10 shallow temporary monitoring wells sampled at Site UXO-10 were screened against the North Carolina Groundwater Quality Standards (NCGWQS) (NCDENR, 2010), USEPA Tap Water RSLs, and MCB CamLej background groundwater concentrations (two times the mean concentration) (Baker, 2002), as presented in the PA/SI Report (CH2M HILL, 2011a). The NCGWQS are the maximum allowable concentrations resulting from any discharge of contaminants to the land or waters of the state that may be tolerated without creating a threat to human health or otherwise rendering the groundwater unsuitable for its intended purpose.

Site UXO-10 groundwater analytical results are summarized as follows:

- **VOCs** — 1,4-dichlorobenzene, carbon disulfide, Freon 12, and Freon 11 were detected in groundwater samples. However, only 1,4-dichlorobenzene exceeded regulatory criteria.

Analyte	Frequency of Detection (# detected/ # sampled)	Maximum Concentration (micrograms per liter [µg/L])	Minimum Concentration (µg/L)	Screening Criteria (µg/L)	Frequency of Exceedances
1,4-Dichlorobenzene	1/11	0.68	UD	Adj. Tap Water RSL 0.43	1

- **SVOCs** — Benzo(b)fluoranthene, benzo(k)fluoranthene, fluorene, and hexachlorobenzene were detected in groundwater samples. Of these constituents, only hexachlorobenzene exceeded regulatory criteria.

Analyte	Frequency of Detection (# detected/ # sampled)	Maximum Concentration (µg/L)	Minimum Concentration (µg/L)	Screening Criteria (µg/L)	Frequency of Exceedances
Hexachlorobenzene	1/11	0.025	UD	NCGWGS 0.02	1

- **Explosives residues** — Twelve constituents were detected in groundwater samples. However, only 2-nitrotoluene and nitrobenzene exceeded regulatory criteria.

Analyte	Frequency of Detection (# detected / # sampled)	Maximum Concentration (µg/L)	Minimum Concentration (µg/L)	Screening Criteria (µg/L)	Frequency of Exceedances
2-Nitrotoluene	1/11	0.34	UD	Adj. Tap Water RSL 0.31	1
Nitrobenzene	7/11	0.71	UD	Adj. Tap Water RSL 0.12	3

- **Perchlorate** was detected in six groundwater samples, but concentrations did not exceed screening criteria at any location.
- Four **metals** were detected in groundwater samples at concentrations exceeding regulatory screening criterion and background as shown below.

Analyte	Frequency of Detection (# detected / # sampled)	Maximum Concentration (µg/L)	Minimum Concentration (µg/L)	Screening Criteria (µg/L)	Frequency of Exceedances	
Arsenic	5/11	10.6	UD	2x mean BBG	5.77	2
				NCGWQS	10	1
				Adj. Tap Water RSL	0.045	5
Cobalt	4/11	41.6	UD	2x mean BBG	0.12	3
				Adj. Tap Water RSL		
Iron	11/11	19,200	479	2x mean BBG	5,999	3
				NCGWQS	300	11
				Adj. Tap Water RSL	2,600	7
Manganese	11/11	441	19.7	2x mean BBG	214	1
				NCGWQS	50	6
				Adj. Tap Water RSL	88	5

Figure 2-5 presents the Site UXO-10 groundwater screening criteria exceedances for samples that exceed two times the mean BBG concentration and at least one of the screening levels (NCGWQS or USEPA Tap Water RSLs).

2.4.5 Site UXO-10 Geophysical Survey Summary

A DGM survey was conducted over approximately 10.7 percent (approximately 1.1 acre) of Site UXO-10 using a single-coil EM61-MK2 electromagnetic system (EM61). The DGM survey yielded a total of 1,228 geophysical anomalies representing potential subsurface MEC (**Figure 2-6**). The PA/SI report recommended that an intrusive investigation be conducted to assess the nature of the geophysical anomalies.

2.4.6 PA/SI Risk Screening Summary

A conservative preliminary Human Health Risk Screening (HHRS) and an Ecological Risk Screening (ERS) were conducted for Site UXO-10 (ASR# 2.136) based upon the PA/SI results. They are summarized in **Tables 2-1** and **2-2**, respectively.

The preliminary HHRS and ERS indicated that exposure to Site UXO-10 (#2.136) soil and groundwater would not result in unacceptable risks to human health or ecological receptors (CH2M HILL, 2011a).

TABLE 2-1
PA/SI Human Health Risk Screening Summary

Media	Step 1 COPCs	Step 2 COPCs	Step 3 COPCs	Conclusion
Surface Soil	Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Chrysene Dibenz(a,h)anthracene Indeno(1,2,3-cd)pyrene Aluminum Arsenic Chromium	None	NC	No unacceptable risk expected from exposure to surface soil.
Combined Surface and Subsurface Soil	Aluminum Arsenic Chromium Cobalt Iron Vanadium	Arsenic Chromium	NC	No unacceptable risk expected from exposure to surface and subsurface soil.
Groundwater	1,4-Dichlorobenzene Nitrobenzene 2-Nitrotoluene Arsenic Chromium Cobalt Iron Manganese	1,4-Dichlorobenzene Nitrobenzene 2-Nitrotoluene Arsenic Chromium Cobalt Iron	1,4-Dichlorobenzene Nitrobenzene 2-Nitrotoluene Arsenic Chromium Cobalt	COPCs identified for groundwater after the three-step screening process are not likely site-related, as their concentrations were not elevated and did not present unacceptable risk in soil. Therefore, no unacceptable risk expected from exposure to groundwater.

Notes:
COPC = chemical of potential concern
NC = not calculated; no COPCs were identified in the preceding step.

TABLE 2-2
PA/SI Ecological Risk Screening Summary

Media	Ecological Risk Screening COPCs	Conclusions
Surface and Subsurface Soil	None	No unacceptable risk from exposure to soil.
Groundwater	None	No unacceptable risk from exposure to groundwater.

2.5 Regional Climate

The climate in the Onslow County area is characterized by short, mild winters and long, hot, humid summers. Average annual net precipitation is approximately 50 inches. Ambient air temperatures generally range from 33 to 53 degrees Fahrenheit (°F) in the winter months and from 71 to 98°F during the summer months. Winds are generally south-southwesterly in the summer and north-northwesterly in the winter (Water and Air Research, 1983). The hurricane season begins on June 1 and continues through November 30. Storms of non-tropical origin,

such as frontal passages, local thunderstorms, and tornadoes, are more frequent and can occur at any time during the year.

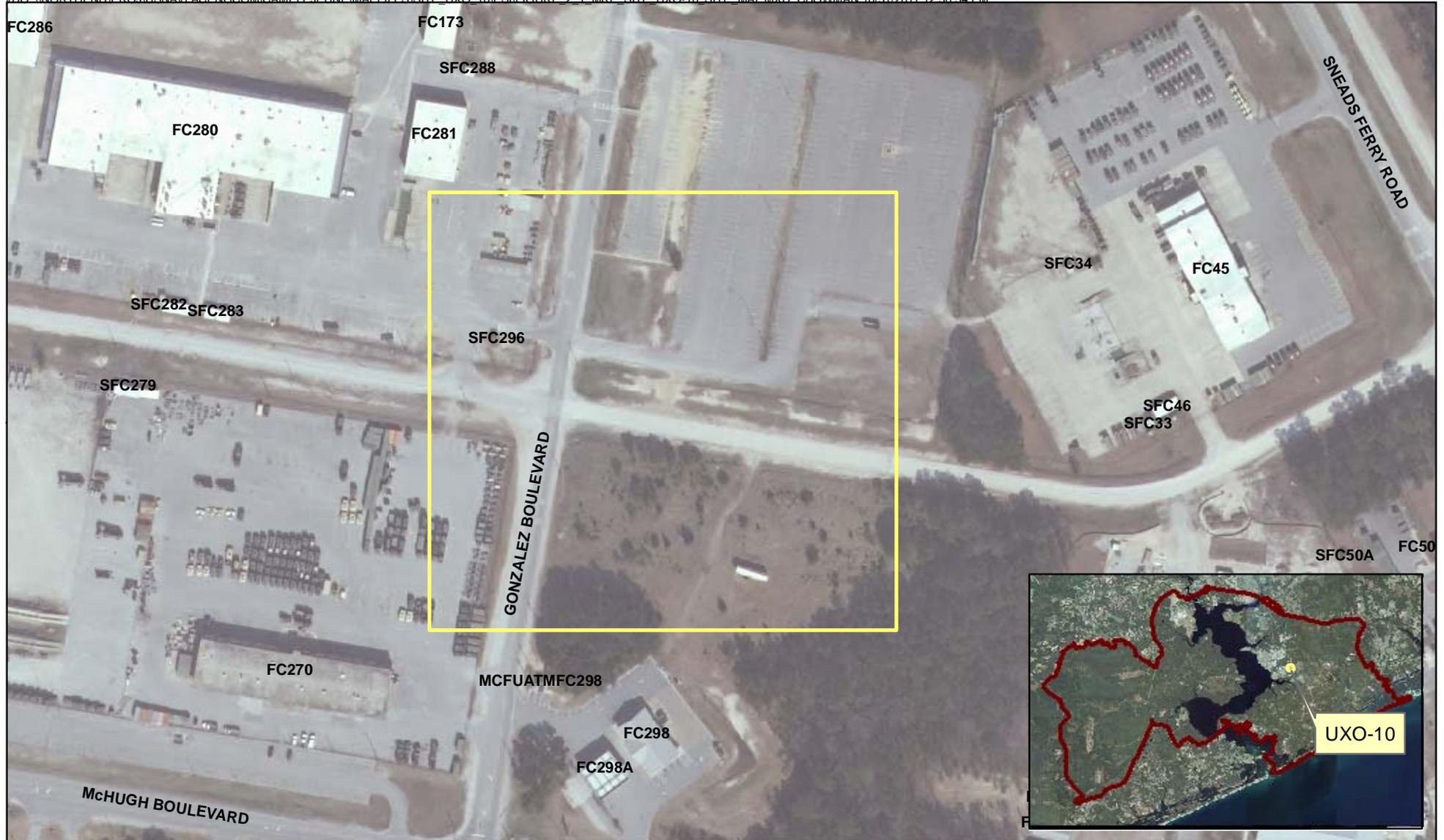
2.6 Regional Geology and Hydrogeology

Regional geology at MCB CamLej is discussed in the MRP Master Project Plans (CH2M HILL, 2008).

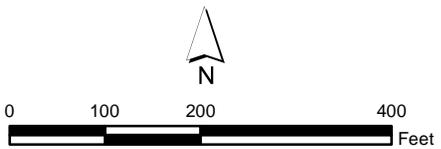
2.7 Site Geology and Hydrogeology

Site-specific information was obtained from soil cores collected from depths as great as 25 feet bgs during the PA/SI for Site UXO-10 (ASR #2.136). Soil boring logs indicated that the soils range from sandy clay and silt to gravel (CH2M HILL, 2011a). Most of the site is underlain by poorly graded sands with a discontinuous clayey-sand/sandy-clay layer at approximately 10 to 15 ft bgs. This layer is thickest in the western portion of the site (up to 4 ft thick) and progressively pinches out toward the east and north, where it is absent on the northeast corner of Site UXO-10.

Site-specific hydrogeologic information was derived from the installation of 10 shallow temporary monitoring wells in the surficial aquifer during the PA/SI. **Figure 2-7** depicts the potentiometric surface of the water table on December 9, 2009 and indicates that groundwater flow is generally to the north. The horizontal hydraulic gradient ranged from 0.004 foot per foot (ft/ft) from wells TW26 to TW09, to 0.0002 ft/ft from wells TW34 to TW07, based upon the December 9, 2009, potentiometric surface map of the water table (CH2M HILL, 2011a).



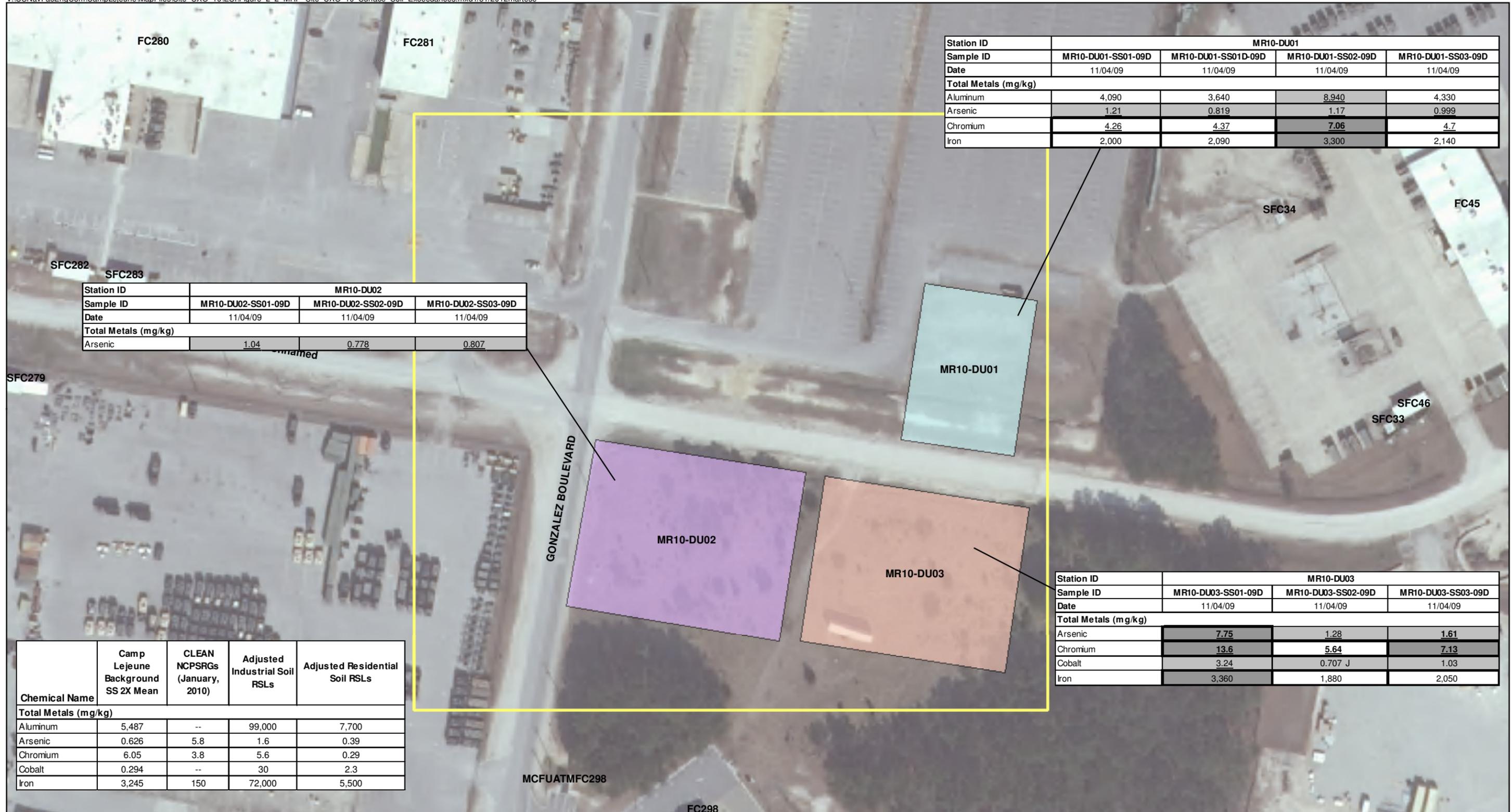
- Legend**
- Site UXO-10 Boundary
 - Installation Boundary



1 inch = 200 feet

Figure 2-1
Site Location Map
Site UXO-10, Former D-11A Flame Tank and
Flame Thrower Range
MCB CamLej
North Carolina





Station ID	MR10-DU01			
Sample ID	MR10-DU01-SS01-09D	MR10-DU01-SS01D-09D	MR10-DU01-SS02-09D	MR10-DU01-SS03-09D
Date	11/04/09	11/04/09	11/04/09	11/04/09
Total Metals (mg/kg)				
Aluminum	4,090	3,640	8,940	4,330
Arsenic	1.21	0.819	1.17	0.999
Chromium	4.26	4.37	7.06	4.7
Iron	2,000	2,090	3,300	2,140

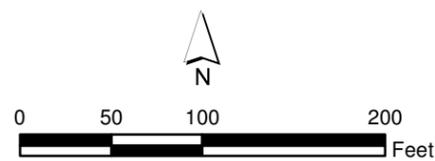
Station ID	MR10-DU02		
Sample ID	MR10-DU02-SS01-09D	MR10-DU02-SS02-09D	MR10-DU02-SS03-09D
Date	11/04/09	11/04/09	11/04/09
Total Metals (mg/kg)			
Arsenic	<u>1.04</u>	<u>0.778</u>	<u>0.807</u>

Station ID	MR10-DU03		
Sample ID	MR10-DU03-SS01-09D	MR10-DU03-SS02-09D	MR10-DU03-SS03-09D
Date	11/04/09	11/04/09	11/04/09
Total Metals (mg/kg)			
Arsenic	7.75	1.28	1.61
Chromium	13.6	5.64	7.13
Cobalt	<u>3.24</u>	0.707 J	1.03
Iron	3,360	1,880	2,050

Chemical Name	Camp Lejeune Background SS 2X Mean	CLEAN NCP SRGs (January, 2010)	Adjusted Industrial Soil RSLs	Adjusted Residential Soil RSLs
Total Metals (mg/kg)				
Aluminum	5,487	--	99,000	7,700
Arsenic	0.626	5.8	1.6	0.39
Chromium	6.05	3.8	5.6	0.29
Cobalt	0.294	--	30	2.3
Iron	3,245	150	72,000	5,500

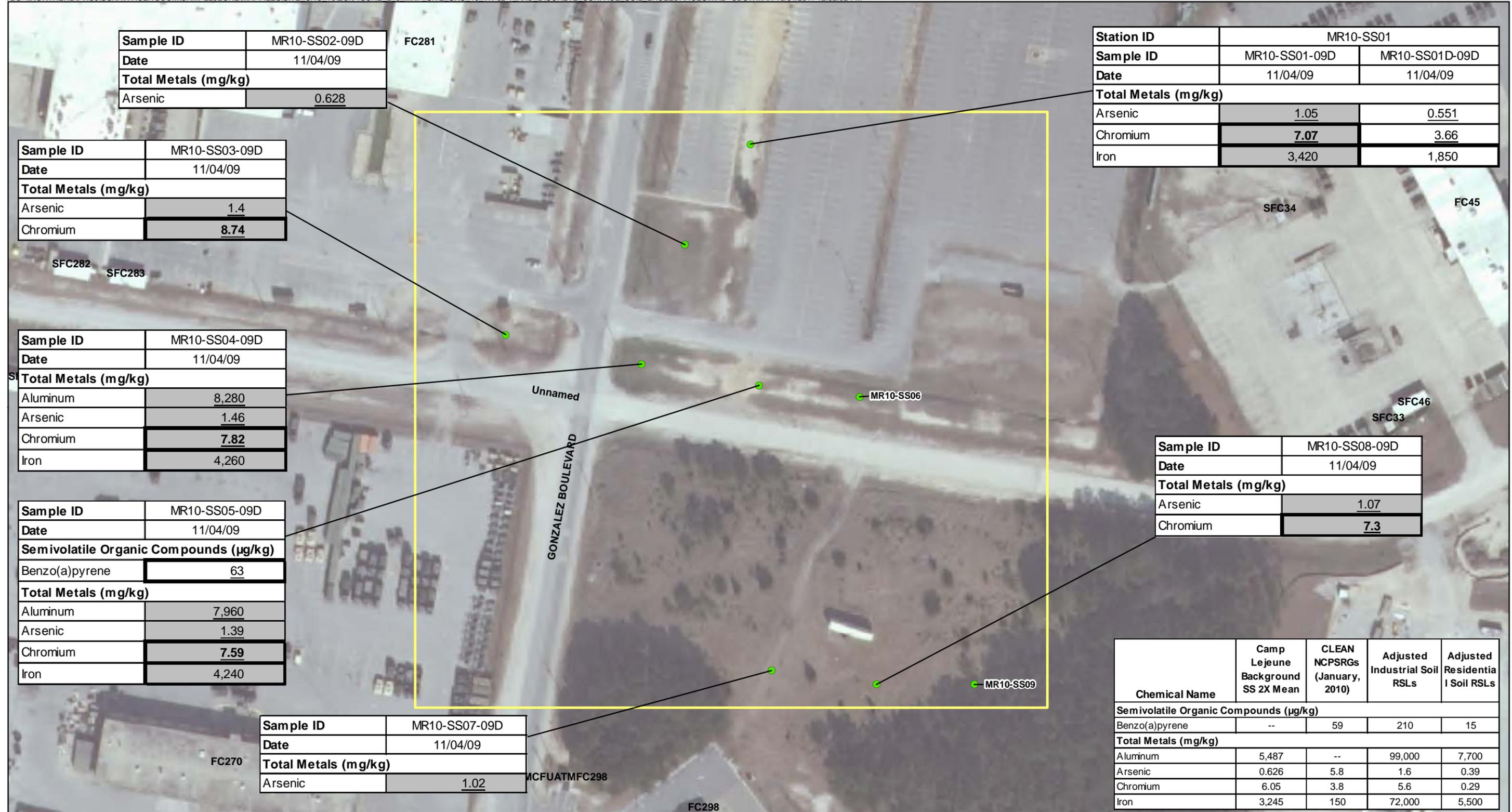
- Legend**
- Site UXO-10 Boundary
 - Decision Unit**
 - MR10-DU01 (164 ft x 118 ft)
 - MR10-DU02 (223 ft x 177 ft)
 - MR10-DU03 (216 ft x 174 ft)

Notes:
 Metals are presented at a location if at least one concentration exceeded both the base background and at least one comparison criterion
 J - Analyte present, value may or may not be accurate or precise
 mg/kg - Milligrams per kilogram
Bold text indicates exceedance of Adjusted Industrial Soil RSLs
Underline indicates exceedance of Adjusted Residential Soil RSLs
Box indicates exceedance of NC SSIs
 Shading indicates exceedance of two times the mean base background concentration



1 inch = 100 feet

Figure 2-2
 Incremental Soil Exceedances
 Site UXO-10, Former D-11A Flame Tank and
 Flame Thrower Range
 MCB CamLej
 North Carolina



Sample ID	MR10-SS02-09D
Date	11/04/09
Total Metals (mg/kg)	
Arsenic	<u>0.628</u>

Station ID	MR10-SS01	
Sample ID	MR10-SS01-09D	MR10-SS01D-09D
Date	11/04/09	11/04/09
Total Metals (mg/kg)		
Arsenic	<u>1.05</u>	<u>0.551</u>
Chromium	7.07	3.66
Iron	3,420	1,850

Sample ID	MR10-SS03-09D
Date	11/04/09
Total Metals (mg/kg)	
Arsenic	<u>1.4</u>
Chromium	8.74

Sample ID	MR10-SS04-09D
Date	11/04/09
Total Metals (mg/kg)	
Aluminum	<u>8,280</u>
Arsenic	<u>1.46</u>
Chromium	7.82
Iron	4,260

Sample ID	MR10-SS05-09D
Date	11/04/09
Semivolatile Organic Compounds (µg/kg)	
Benzo(a)pyrene	<u>63</u>
Total Metals (mg/kg)	
Aluminum	<u>7,960</u>
Arsenic	<u>1.39</u>
Chromium	7.59
Iron	4,240

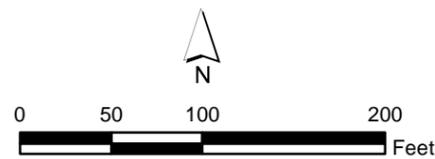
Sample ID	MR10-SS08-09D
Date	11/04/09
Total Metals (mg/kg)	
Arsenic	<u>1.07</u>
Chromium	7.3

Sample ID	MR10-SS07-09D
Date	11/04/09
Total Metals (mg/kg)	
Arsenic	<u>1.02</u>

Chemical Name	Camp Lejeune Background SS 2X Mean	CLEAN NCPSRGs (January, 2010)	Adjusted Industrial Soil RSLs	Adjusted Residential Soil RSLs
Semivolatile Organic Compounds (µg/kg)				
Benzo(a)pyrene	--	59	210	15
Total Metals (mg/kg)				
Aluminum	5,487	--	99,000	7,700
Arsenic	0.626	5.8	1.6	0.39
Chromium	6.05	3.8	5.6	0.29
Iron	3,245	150	72,000	5,500

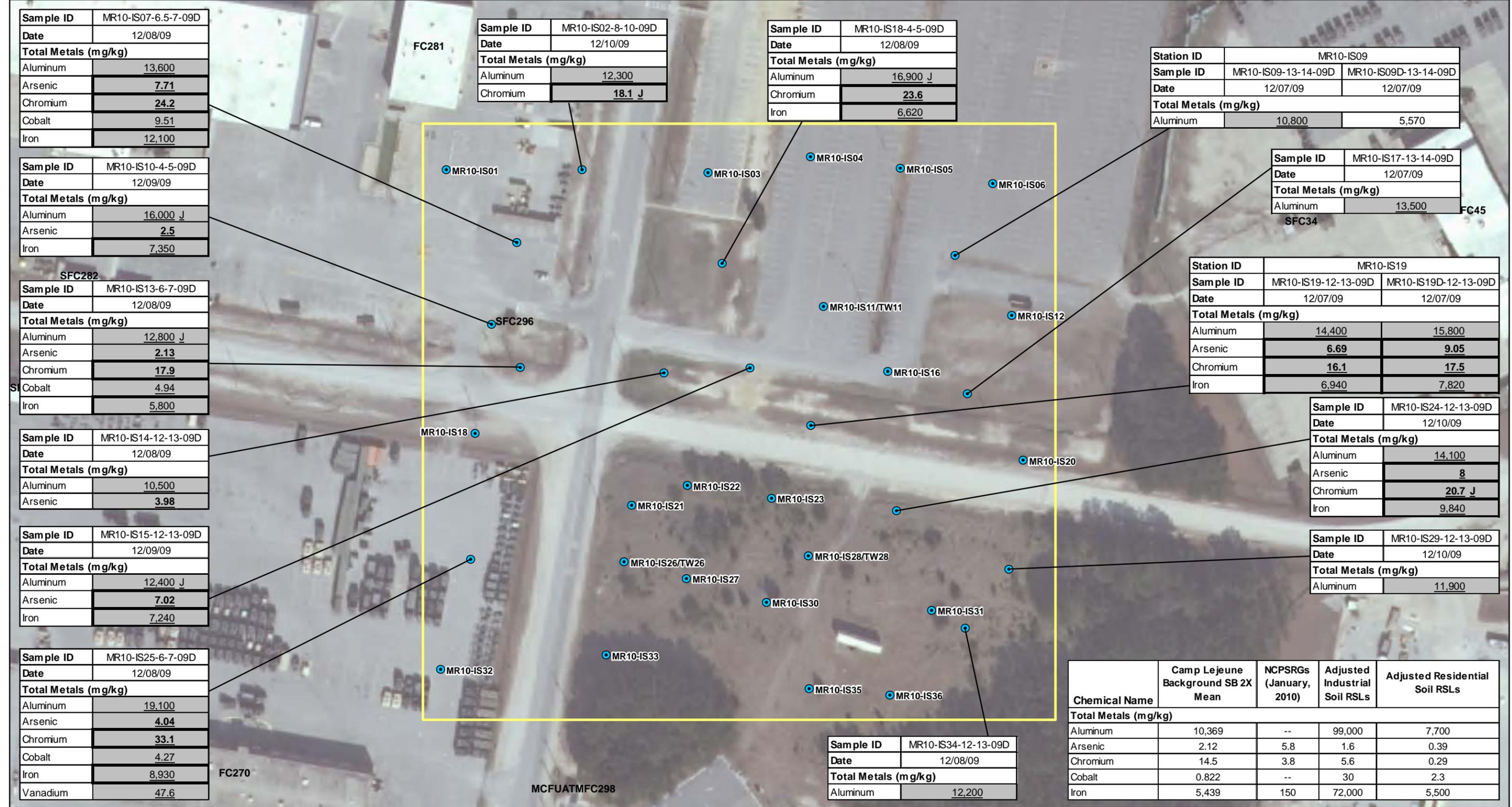
- Legend**
- Surface Soil Samples
 - Site UXO-10 Boundary

Notes:
 Metals are presented at a location if at least one concentration exceeded both the base background and at least one comparison criterion
 Shading indicates exceedance of two times the mean base background concentration for surface soil
Bold box indicates exceedance of NCPSRGs
Bold text indicates exceedance of Adjusted Industrial Soil RSLs
Underline indicates exceedance of Adjusted Residential Soil RSLs
 RSLs were adjusted for noncarcinogens to account for exposure to multiple constituents
 mg/kg - Milligrams per kilogram
 µg/kg - Micrograms per kilogram



1 inch = 100 feet

Figure 2-3
 TR-02-1 and Discrete Surface Soil Exceedances
 Site UXO-10, Former D-11A Flame Tank and
 Flame Thrower Range
 MCB CamLej
 North Carolina



Legend
 ● Subsurface Soil Sampling Locations
 □ Site UXO-10 Boundary

Notes:
 Metals are presented at a location if at least one concentration exceeded both the base background and at least one comparison criterion
 Shading indicates exceedance of two times the mean base background concentration for Subsurface soil
Bold box indicates exceedance of NCPSRGs
Bold text indicates exceedance of Adjusted Industrial Soil RSLs
Underline indicates exceedance of Adjusted Residential Soil RSLs
 RSLs were adjusted for noncarcinogens to account for exposure to multiple constituents
 J - Analyte present, value may or may not be accurate or precise mg/kg - Milligrams per kilogram

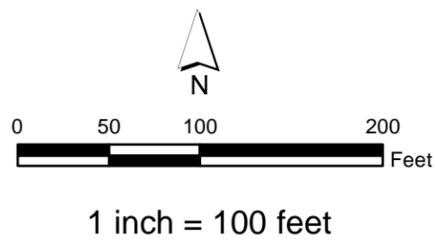


Figure 2-4
 Subsurface Soil Exceedances
 Site UXO-10, Former D-11A Flame Tank and
 Flame Thrower Range
 MCB CamLej
 North Carolina



Legend
 ● Groundwater Sample Locations
 □ Site UXO-10 Boundary

Notes:
 Metals are presented at a location if at least one concentration exceeded both the base background and at least one comparison criterion
 Shading indicates exceedance of two times the mean base background concentration for Groundwater
Bold box indicates exceedance of NCGWQS or the more conservative MCL
Bold text indicates exceedance of Adjusted Tap Water RSLs
 RSLs were adjusted for noncarcinogens to account for exposure to multiple constituents
 * - The MCL-Groundwater value is reported in place of the NC2LGW where the MCL value is more conservative.
 J - Analyte present, value may or may not be accurate or precise
 µg/L - Micrograms per liter

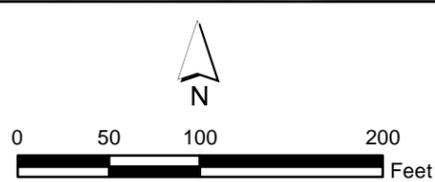


Figure 2-5
 Groundwater Exceedances
 Site UXO-10, Former D-11A Flame Tank and
 Flame Thrower Range
 MCB CamLej
 North Carolina





Legend

- Geophysical Anomaly (greater than 3 mV)
- DGM Transects
- Site UXO-10 Boundary

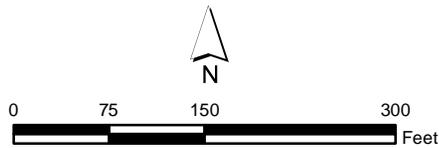
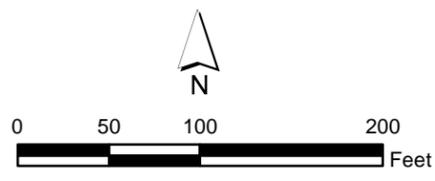


Figure 2-6
Digital Geophysical Mapping Results
Site UXO-10, Former D-11A Flame Tank and
Flame Thrower Range
MCB CamLej
North Carolina



- Legend**
- Temporary Well Locations
 - Potentiometric Contour
 - - - Inferred Potentiometric Contour
 - ➔ Groundwater Flow Direction
 - Site UXO-10 Boundary

Note:
 14.75 - groundwater elevation in feet above mean sea level
 5.83 - groundwater elevation excluded from contouring



1 inch = 100 feet

Figure 2-7
 Potentiometric Surface Map (December 2009)
 Site UXO-10, Former D-11A Flame Tank and
 Flame Thrower Range
 MCB CamLej
 North Carolina

Field Investigation Activities

The Expanded SI field investigation activities at Site UXO-10 were conducted in September and October 2011. Field activities were performed in accordance with the Expanded SI Work Plan (CH2M HILL, 2011b), MRP Master Project Plans (CH2M HILL, 2008), and Explosives Safety Submission (ESS)-111 (CH2M HILL, 2011c). The technical approach was developed by the MCB CamLej Tier I Partnering Team, which consists of representatives from the Department of the Navy (Navy), MCB CamLej, USEPA Region 4, and NCDENR.

3.1 MEC Intrusive Investigation Activities

The MEC intrusive investigation was focused on the geophysical anomalies identified during the DGM survey. The DGM survey covered approximately 10.7 percent (1.1 acre) of the 10-acre area and identified 1,228 geophysical anomalies for intrusive investigation (**Figure 2-6**).

The following MEC intrusive investigation field activities were conducted in September and October 2011:

- Reacquisition of the geophysical anomalies identified during the DGM survey as representing potential subsurface MEC
- Manual digging and identification of the sources of anomalies
- Removal verification and excavation backfilling
- Disposal of material documented as safe (MDAS)

CH2M HILL provided project and site management, quality control (QC), and safety supervision during the intrusive investigation. USA Environmental, Inc. (USAE) was subcontracted to conduct the reacquisition and intrusive investigation of the geophysical anomalies and the disposition of material potentially presenting an explosive hazard (MPPEH) found during the investigation.

At Site UXO-10, USAE reacquired all 1,228 subsurface geophysical anomalies identified during the DGM survey for excavation using a hand held real time kinematic (RTK) global positioning system (GPS) and placed a flag approximately 1 ft north of the coordinates of each anomaly.

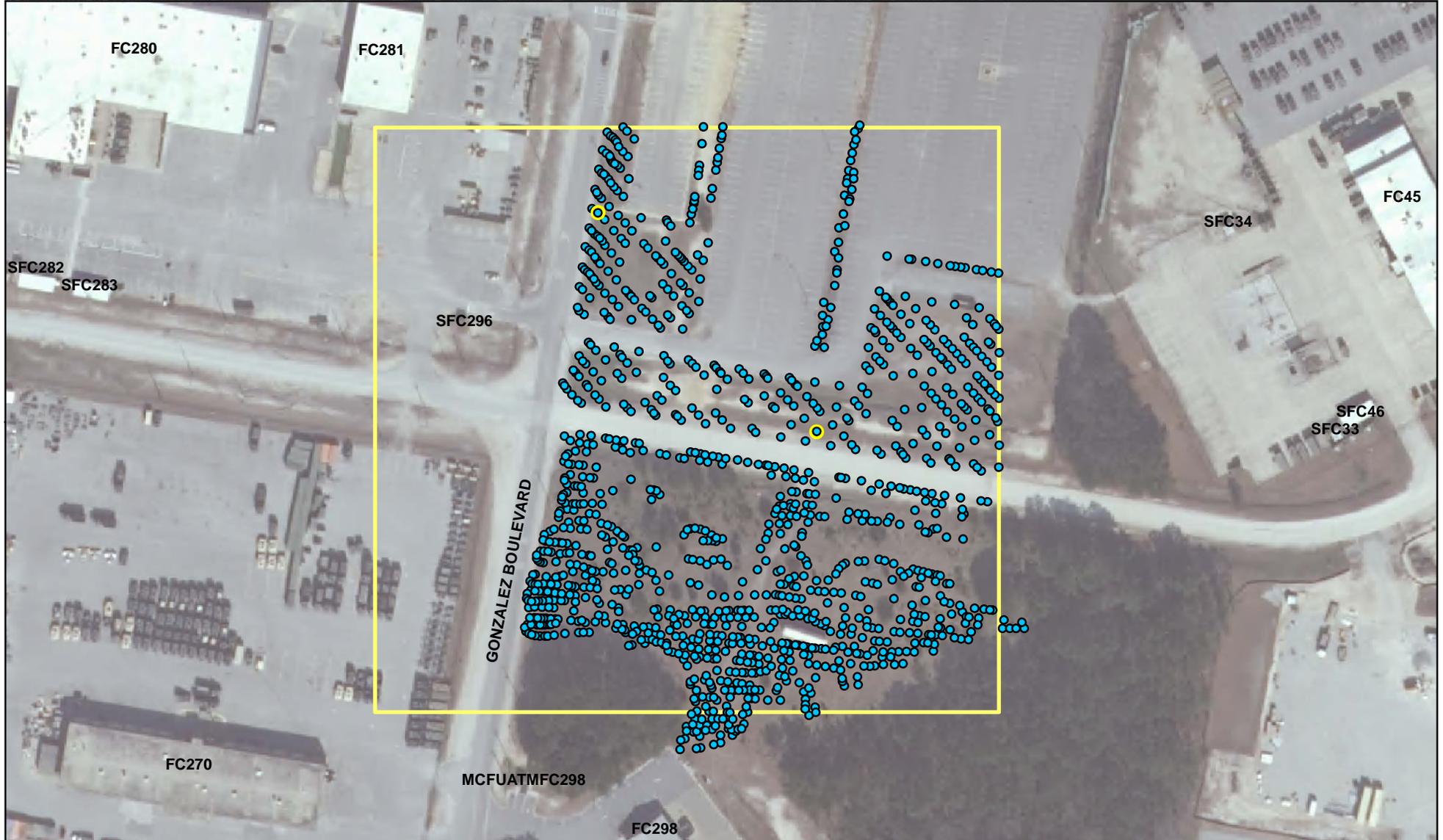
Excavation of all anomalies was performed by USAE. The UXO teams were composed of at least one UXO Technician III, one UXO Technician II, and additional UXO technicians. Small hand tools, such as shovels, spades, trowels, and pry bars, were used to access the source anomaly. If the item did not appear to be ordnance related (such as scrap metal or other debris), it was moved to the non-MPPEH collection point. Once the item was removed, the excavation area was rechecked with the EM61 to ensure that all anomaly source material had been removed. QC inspections were performed by the UXO Quality Control Specialist (UXOQCS) during fieldwork. This consisted of checking 10 percent of the intrusively investigated anomaly locations using an EM61 to determine if all detectable metallic items had been removed. Additional quality assurance (QA)/QC removal verification requirements and analysis were followed, as described the Expanded SI Work Plan (CH2M HILL, 2011b). The one QC seed buried onsite during the DGM activities was recovered.

Following the 100 percent inspection and 100 percent re-inspection of MPPEH and its designation as MDAS, the MDAS was placed in a 55-gallon drum. The resulting 3 to 4 pounds of MDAS will be disposed of at a qualified smelter/recycler upon completion of all the MMRP sites under this contract. A copy of the DD Form 1328-1A for this material is presented in **Appendix F**.

SECTION 4

Intrusive Investigation Results

The data collected during the investigation of each anomaly are documented in **Appendix B**. Approximately 1,461 pounds of non-MPPEH metallic debris (such as scrap metal and/or other debris) was collected during the intrusive investigation. MEC was not found at Site UXO-10 during the intrusive investigation. Two of the anomalies investigated were determined to be MPPEH: one 3.5-inch Practice Rocket, M29A2, warhead and one expended small arms cartridge casing (**Figure 4-1**).



- Legend**
- Investigated Anomaly
 - Investigated Anomaly - MPPEH
 - Site UXO-10 Boundary

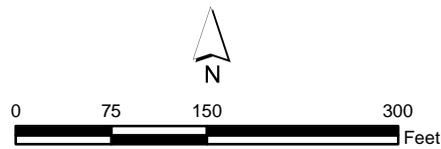


Figure 4-1
MEC Intrusive Investigation Results
Site UXO-10, Former D-11A Flame Tank and
Flame Thrower Range
MCB CamLej
North Carolina



Conclusions and Recommendations

This section presents conclusions and provides recommendations based upon the PA/SI and Expanded SI findings.

5.1 Conclusions

5.1.1 Environmental Investigation

The PA/SI preliminary risk-based screening indicated that exposure to Site UXO-10 soil and groundwater would not result in any unacceptable human health or ecological risks.

5.1.2 MEC Intrusive Investigation

The characterization of Site UXO-10 through the intrusive investigation of approximately 10 percent of the site sufficiently characterized the nature and extent of MEC at this site. MPPEH consisting of one 3.5-inch Practice Rocket, M29A2, warhead and one SAA cartridge case were found at Site UXO-10, none of which contain high explosives or propellant. In addition, the practice rocket warhead was found in suspected road fill material, and did not appear to be related to historical range activities. Because no MEC or MPPEH containing explosive material was found at Site UXO-10, the residual risk from MEC at Site UXO-10 is considered to be low. The lack of any MPPEH found that would be expected to be associated with the former use of the UXO-10 munitions response site (MRS), and the probability that the presence of the practice rocket warhead is more likely attributable to use of the area for maneuver training, merits a determination that there is a low probability (possible but not probable) of encountering MEC or MPPEH at the MRS.

5.2 Recommendations

Based on the previously presented conclusions, no further action is recommended at Site UXO-10. Because it is not possible to provide 100 percent assurance that all MEC items have been detected and removed, it would be prudent to provide "3R" munitions safety awareness training to all Military Construction (MILCON) personnel who will be conducting subsurface intrusive activities within the MRS and to provide on-call support from MCB CamLej EOD or a qualified UXO contractor for inspection and disposal of suspected MEC that may be unearthed.

SECTION 6

References

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Appendix A
PA/SI Data Summary Tables

APPENDIX A

Incremental Sampling Surface Soil Analytical Results

Site UXO-10, D-11A Flame Tank and Flame Thrower Range

MCB CamLej, North Carolina

Station ID Sample ID	MCB CamLej Background SS 2X Mean	NCSSLs (January, 2010)	Adjusted Industrial Soil RSLs (November, 2010)	Adjusted Residential Soil RSLs (November, 2010)	MR10-DU01				MR10-DU02			MR10-DU03		
					MR10-DU01-SS01-09D	MR10-DU01-SS01D-09D	MR10-DU01-SS02-09D	MR10-DU01-SS03-09D	MR10-DU02-SS01-09D	MR10-DU02-SS02-09D	MR10-DU02-SS03-09D	MR10-DU03-SS01-09D	MR10-DU03-SS02-09D	MR10-DU03-SS03-09D
Sample Date					11/04/09	11/04/09	11/04/09	11/04/09	11/04/09	11/04/09	11/04/09	11/04/09	11/04/09	11/04/09
Chemical Name														
Explosives (µg/kg)														
2-Amino-4,6-dinitrotoluene	--	--	200,000	15,000	190 U	190 U	190 U	190 U	190 U	190 U	190 U	120 J	190 U	190 U
Total Metals (mg/kg)														
Aluminum	5,487	--	99,000	7,700	4,090	3,640	8,940	4,330	4,110	3,440	3,390	6,950	3,390	4,660
Arsenic	0.626	5.8	1.6	0.39	<u>1.21</u>	<u>0.819</u>	<u>1.17</u>	<u>0.999</u>	<u>1.04</u>	<u>0.778</u>	<u>0.807</u>	7.75	<u>1.28</u>	1.61
Barium	14.5	580	19,000	1,500	14.4 J	13.5 J	18.5 J	15.7 J	11.9 J	9.27 J	8.74 J	55.9 J	12.8 J	16.6 J
Beryllium	0.103	--	200	16	0.076 J	0.0688 J	0.103 J	0.0841 J	0.0794 J	0.068 J	0.0628 J	0.801	0.155 J	0.201 J
Cadmium	0.033	3	80	7	0.183 J	0.151 J	0.217 J	0.156 J	0.286	0.196 J	0.201 J	0.395	0.422	0.366
Calcium	6,360	--	--	--	12,000 J	3,340 J	9,080	7,530	20,200	10,700	17,000	42,300	25,500	17,700
Chromium	6.05	3.8	5.6	0.29	4.26	4.37	7.06	4.7	5.51	4.37	4.49	13.6	5.64	7.13
Cobalt	0.294	--	30	2.3	0.329 J	0.327 J	0.487 J	0.336 J	0.705	0.414 J	0.348 J	3.24	0.707 J	1.03
Copper	4.83	700	4,100	310	2.39	2.51	4.63	2.13	4.11	2.46	2.13	11.1	3.16	4.39
Cyanide	--	0.28	2,000	160	0.284 U	0.286 U	0.287 U	0.285 U	0.278 U	0.168 J	0.171 J	0.373 U	0.292 U	0.308 U
Iron	3,245	150	72,000	5,500	2,000	2,090	3,300	2,140	2,520	1,620	1,520	3,360	1,880	2,050
Lead	12.3	270	800	400	8.8	9.61	8.97	9	7.23	5.52	4.31	8.92	4.84	7.43
Magnesium	238	--	--	--	276 J	188 J	316 J	250 J	463 J	282 J	353 J	891 J	468 J	438 J
Manganese	13.7	65	2,300	180	22.5	14.4	27	11.9	35.6	19.6	16.2	32.6	22.3	22.7
Mercury	0.081	1	31	2.3	0.0388 U	0.039 U	0.033 U	0.0144 J	0.0344 U	0.0347 U	0.034 U	0.0493 U	0.0398 U	0.0406 U
Nickel	1.21	130	2,000	150	1.34	1.43	3.15	1.35	3.08	1.97	1.46	7.07	2.22	2.75
Potassium	116	--	--	--	162 J	144 J	224 J	167 J	243 J	197 J	186 J	550 J	250 J	285 J
Selenium	0.563	2.1	510	39	0.342	0.288	0.391	0.383	0.272 U	0.271 U	0.204 J	1.07	0.281 J	0.441
Sodium	80.9	--	--	--	284 U	276 U	285 U	275 U	272 U	271 U	269 U	186 J	88.7 J	62 J
Vanadium	8.9	--	520	39	5.48	5.25	7.23	6.55	6.71	4.89	4.83	18.3	5.89	7.27
Zinc	10.8	1,200	31,000	2,300	16	16.8	31.9	15	37.4	19.3	15.6	25.1	15.7	18.6

Notes:

Shading indicates exceedance of two times the mean base background concentration for surface soil

Bold text indicates exceedance of NC SSL

Bold text indicates exceedance of Adjusted Industrial Soil RSLs

Underline indicates exceedance of Adjusted Residential Soil RSLs

RSLs were adjusted for noncarcinogens to account for exposure to multiple constituents

J - Analyte present, value may or may not be accurate or precise

U - The material was analyzed for, but not detected

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

APPENDIX A

TR-02-1 and Discrete Surface Soil Analytical Results

Site UXO-10, D-11A Flame Tank and Flame Thrower Range

MCB CamLej, North Carolina

Station ID	MCB CamLej Background SS 2X Mean	NCSsLs (January, 2010)	Adjusted Industrial Soil RSLs (November, 2010)	Adjusted Residential Soil RSLs (November, 2010)	MR10-SS01		MR10-SS02	MR10-SS03	MR10-SS04	MR10-SS05	MR10-SS06	MR10-SS07	MR10-SS08	MR10-SS09
					MR10-SS01-09D	MR10-SS01D-09D	MR10-SS02-09D	MR10-SS03-09D	MR10-SS04-09D	MR10-SS05-09D	MR10-SS06-09D	MR10-SS07-09D	MR10-SS08-09D	MR10-SS09-09D
Sample ID					11/04/09	11/04/09	11/04/09	11/04/09	11/04/09	11/04/09	11/04/09	11/04/09	11/04/09	11/04/09
Sample Date														
Chemical Name														
Volatile Organic Compounds (µg/kg)														
Acetone	--	24,000	63,000,000	6,100,000	9.9 U	15 U	9.7 U	10 U	97	100	63	9.5 U	10 U	200
Benzene	--	7.3	5,400	1,100	9.9 U	11 U	1.1 J	1.1 J	14 U	12 U	13 U	2.1 J	1.8 J	14 U
Carbon disulfide	--	3,800	370,000	82,000	9.9 U	11 U	1.7 J	2.2 J	2.8 J	12 U	13 U	3 J	1.6 J	14 U
Cyclohexane	--	--	120,000	120,000	9.9 U	11 U	9.7 UJ	10 U	14 U	12 U	13 U	1.2 J	1.1 J	14 U
Ethylbenzene	--	8,100	27,000	5,400	9.9 U	11 U	9.7 UJ	1.2 J	14 U	12 U	13 U	3.1 J	4.2 J	14 U
Methyl acetate	--	--	29,000,000	7,800,000	9.9 UJ	11 UJ	9.7 UJ	10 UJ	6.2 J	12 UJ	13 UJ	9.5 UJ	10 UJ	14 UJ
Methylcyclohexane	--	--	--	--	9.9 U	11 U	0.4 J	0.58 J	14 U	12 U	13 U	1.6 J	1.4 J	14 U
Toluene	--	5,500	820,000	500,000	9.9 U	11 U	1.5 J	1.5 J	1.6 J	12 U	13 U	3 J	3.6 J	14 U
Semivolatile Organic Compounds (µg/kg)														
2-Methylnaphthalene	--	1,600	370,000	31,000	12 U	12 U	11 U	9.1 J	2.8 J	2.4 J	12 U	12 U	11 U	14 U
Benzo(a)anthracene	--	180	2,100	150	1.7 J	12 U	6.6 J	15	12	42	2.7 J	6 J	1.9 J	14 U
Benzo(a)pyrene	--	59	210	15	2.3 J	12 U	8.3 J	15	16	63	12 U	5.4 J	11 U	2.4 J
Benzo(b)fluoranthene	--	600	2,100	150	2.6 J	12 U	14	37	27	110	5.8 J	7.8 J	4 J	14 U
Benzo(g,h,i)perylene	--	360,000	1,700,000	170,000	2.3 J	12 U	12	15	19	38	3.2 J	6.1 J	3.4 J	2.2 J
Benzo(k)fluoranthene	--	5,900	21,000	1,500	12 U	12 U	5.6 J	12 J	8.7 J	38	12 U	2.4 J	1.6 J	14 U
Caprolactam	--	18,000	31,000,000	3,100,000	290 U	280 U	260 U	290 U	280 U	280 U	290 U	270 U	260 U	100 J
Chrysene	--	18,000	210,000	15,000	290 U	280 U	260 UJ	290 U	280 U	77 J	290 U	270 U	260 U	320 U
Dibenz(a,h)anthracene	--	190	210	15	12 U	12 U	11 U	3.6 J	12 U	9.2 J	12 U	12 U	11 U	14 U
Fluoranthene	--	330,000	2,200,000	230,000	2.3 J	12 U	15	25	26	220	4.8 J	8.5 J	3.7 J	4.2 J
Fluorene	--	56,000	2,200,000	230,000	12 U	12 U	11 U	12 U	12 U	6.2 J	12 U	12 U	11 U	14 U
Indeno(1,2,3-cd)pyrene	--	2,000	2,100	150	2.1 J	12 U	8.8 J	12	16	44	12 U	4.3 J	3.2 J	2.7 J
Phenanthrene	--	57,000	1,700,000	1,700,000	12 U	12 U	6.5 J	100	11 J	130	2.8 J	6.1 J	2 J	4.4 J
Pyrene	--	220,000	1,700,000	170,000	2.4 J	12 U	14	30	25	160	4.8 J	10 J	3.6 J	4.1 J
Explosives (µg/kg)														
1,3-Dinitrobenzene	--	--	6,200	610	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	300 J
2-Amino-4,6-dinitrotoluene	--	--	200,000	15,000	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	120 J
Perchlorate	--	--	72,000	5,500	2.47 U	2.39 U	2.22 U	2.46 U	2.38 U	2.43 U	2.47 U	2.35 U	1.49 J	2.74 U
PETN	--	--	--	--	640 U	640 U	640 U	640 U	640 U	640 U	640 U	640 U	640 U	1,800 J
Tetryl	--	--	250,000	24,000	190 UJ	190 UJ	190 UJ	220 J	190 UJ					
Total Metals (mg/kg)														
Aluminum	5,487	--	99,000	7,700	7,390	3,930	2,630	6,020	8,280	7,960	2,070	3,850	3,260	1,630
Arsenic	0.626	5.8	1.6	0.39	1.05	0.551	0.628	1.4	1.46	1.39	0.439	1.02	1.07	0.315 J
Barium	14.5	580	19,000	1,500	13.2 J	8.53 J	4.67 J	16.8 J	20.9 J	18 J	7.19 J	8.59 J	8.98 J	4.85 J
Beryllium	0.103	--	200	16	0.308 U	0.298 U	0.276 U	0.108 J	0.0814 J	0.0714 J	0.304 U	0.106 J	0.112 J	0.328 U
Cadmium	0.033	3	80	7	0.308 U	0.298 U	0.276 U	1.08	0.353	0.183 J	0.304 U	0.303	0.37	0.328 U
Calcium	6,360	--	--	--	468	529	10,900	29,100	8,640	1,840	869	27,300	115,000	739
Chromium	6.05	3.8	5.6	0.29	7.07	3.66	3.58	8.74	7.82	7.59	2.81	5.93	7.3	2.4
Cobalt	0.294	--	30	2.3	0.324 J	0.744 U	0.326 J	0.653 J	0.618 J	0.473 J	0.76 U	0.513 J	0.443 J	0.82 U
Copper	4.83	700	4,100	310	1.31	1.05	1.88	7.24	5.84	3.64	2.02	3.11	2.1	2.54
Iron	3,245	150	72,000	5,500	3,420	1,850	1,090	2,900	4,260	4,240	1,120	1,760	1,690	849
Lead	12.3	270	800	400	4.49	3.78	4.44	8.47	11.9	8.42	9.78	4.45	3.26	5.2
Magnesium	238	--	--	--	158 J	101 J	259 J	643 J	366 J	249 J	130 J	526	1,480	67.9 J
Manganese	13.7	65	2,300	180	4.6 J	4.91 J	14.8 J	20.6	38.5	18.4	13.5 J	17.4 J	22.1 J	7.56 J
Mercury	0.081	1	31	2.3	0.0422 U	0.0359 U	0.033 U	0.0381 U	0.02 J	0.0167 J	0.0349 U	0.0333 U	0.0339 U	0.0452 U
Nickel	1.21	130	2,000	150	1.82	1.04	1.39	2.34	3.11	2.53	0.977	1.74	1	0.782
Potassium	116	--	--	--	137 J	96.8 J	174 J	400 J	302 J	291 J	114 J	270 J	246 J	73.8 J
Selenium	0.563	2.1	510	39	0.335	0.396	0.188 J	0.299 U	0.226 J	0.349	0.339	0.408	0.275 U	0.287 J
Sodium	80.9	--	--	--	308 U	298 U	276 U	106 J	283 U	291 U	304 U	74.1 J	284 J	328 U
Vanadium	8.9	--	520	39	9.72	5.61	3.88	10.6	11.2	11.2	3.07	6.17	6.41	2.61
Zinc	10.8	1,200	31,000	2,300	4.1 J	4.86 J	16.9 J	153	36.1	21.3	22.9 J	17 J	12.5 J	6.62 J
Total Petroleum Hydrocarbons														
TPH-diesel range (µg/kg)	--	--	--	--	8,290 U	8,010 U	13,700	18,400	7,970 U	30,300	31,700	26,800	10,800	47,700

Notes:
 Shading indicates exceedance of two times the mean base background concentration for surface soil

Bold box indicates exceedance of NC SSL

Underline indicates exceedance of Adjusted Residential Soil RSLs

RSLs were adjusted for noncarcinogens to account for exposure to multiple constituents

J - Analyte present, value may or may not be accurate or precise

U - The material was analyzed for, but not detected

UJ - Analyte not detected, quantitation limit may be inaccurate

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

APPENDIX A

Subsurface Soil Analytical Results

Site UXO-10, D-11A Flame Tank and Flame Thrower Range

MCB CamLej, North Carolina

Station ID	MCB CamLej Background SB 2X Mean	NC SSLs (January, 2010)	Adjusted Industrial Soil RSLs (November, 2010)	Adjusted Residential Soil RSLs (November, 2010)	MR10-IS01	MR10-IS02	MR10-IS03	MR10-IS04	MR10-IS05	MR10-IS06	MR10-IS07	MR10-IS08	MR10-IS09
Sample ID					MR10-IS01-2-3-09D	MR10-IS02-8-10-09D	MR10-IS03-10-11-09D	MR10-IS04-13-14-09D	MR10-IS05-12-13-09D	MR10-IS06-12-13-09D	MR10-IS07-6_5-7-09D	MR10-IS08-9-10-09D	MR10-IS09-13-14-09D
Sample Date					12/09/09	12/10/09	12/09/09	12/09/09	12/09/09	12/09/09	12/08/09	12/10/09	12/07/09
Chemical Name													
Volatile Organic Compounds (µg/kg)													
Benzene	--	7.3	5,400	1,100	0.89 J	10 UJ	12 U	12 U	11 U	11 U	11 U	12 U	9.4 U
Carbon disulfide	--	3,800	370,000	82,000	11 U	10 U	12 U	12 U	11 U	11 U	14	12 U	9.4 U
Chloroform	--	340	1,500	290	11 U	10 UJ	12 U	12 U	11 U	11 U	11 U	12 U	0.53 J
Ethylbenzene	--	8,100	27,000	5,400	4.5 J	10 UJ	12 U	12 U	11 U	11 U	11 U	12 U	9.4 U
Methylcyclohexane	--	--	--	--	0.74 J	10 U	12 U	12 U	11 U	11 U	11 U	12 U	9.4 U
Trichlorofluoromethane (Freon-11)	--	24,000	--	--	11 U	10 U	12 U	12 U	11 U	11 U	11 U	12 U	9.4 U
Xylene, total	--	6,000	260,000	63,000	6.1 J	10 UJ	12 U	12 U	11 U	11 U	11 U	12 U	9.4 U
Semivolatile Organic Compounds (µg/kg)													
2,6-Dinitrotoluene	--	--	62,000	6,100	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
2-Methylnaphthalene	--	1,600	370,000	31,000	11 U	12 U	11 U	11 U	11 U	11 U	13 U	12 U	12 U
Fluorene	--	56,000	2,200,000	230,000	11 U	12 U	11 U	11 U	11 U	11 U	13 U	12 U	12 U
Naphthalene	--	210	18,000	3,600	11 U	12 U	11 U	11 U	11 U	11 U	13 U	12 U	12 U
Explosives (µg/kg)													
1,3,5-Trinitrobenzene	--	--	2,700,000	220,000	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
HMX	--	--	4,900,000	380,000	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
RDX	--	--	24,000	5,500	190 U	190 U	190 U	210	190 U	190 U	190 U	80 J	150 J
Total Metals (mg/kg)													
Aluminum	10,369	--	99,000	7,700	1,820 J	<u>12,300</u>	3,530	4,070	2,370	<u>8,910</u>	<u>13,600</u>	5,890	<u>10,800</u>
Arsenic	2.12	5.8	1.6	0.39	<u>1.43</u>	<u>1.38</u>	0.295	0.369	0.284	0.357	<u>7.71</u>	<u>0.549</u>	<u>0.59</u>
Barium	16.6	580	19,000	1,500	7.69 J	13.6	3.25	4.2	3.35	22	25.6	5.33	14.9
Beryllium	0.165	--	200	16	1.32 U	0.169 J	0.269 U	0.269 U	0.264 U	0.0771 J	0.572	0.069 J	0.126 J
Cadmium	0.023	3	80	7	0.634 J	0.284 U	0.269 U	0.269 U	0.264 U	0.266 U	0.312 U	0.287 U	0.284 U
Calcium	441	--	--	--	<u>264,000</u>	58.5 J	269 U	269 U	101 J	266 U	292 J	68.7 J	282 J
Chromium	14.5	3.8	5.6	0.29	<u>12.5</u>	<u>18.1 J</u>	<u>3.64</u>	<u>4.09</u>	<u>2.45</u>	<u>6.77</u>	<u>24.2</u>	<u>7.46 J</u>	<u>9.07</u>
Cobalt	0.822	--	30	2.3	3.3 U	0.549 J	0.672 U	0.672 U	0.661 U	0.452 J	9.51	0.718 U	0.439 J
Copper	2.56	700	4,100	310	2.64 U	3.1	0.79	0.635	0.671	1.42	6.17	1.41	1.92
Iron	5,439	150	72,000	5,500	2,560	3,150	557	641	390	1,190	<u>12,100</u>	1,020	2,010
Lead	8.49	270	800	400	3.96 U	6.19	2.39	2.66	2	3.42	9.82	3.23	4.1
Magnesium	363	--	--	--	3,640	459 J	82.7 J	98 J	56.9 J	195 J	1,280	148 J	385
Manganese	9.25	65	2,300	180	38.2 J	8.62	2.56	2.79	1.65	4.65	58.2 J	3.67	8.96 J
Mercury	0.071	1	31	2.3	0.036 U	0.0382 U	0.0349 U	0.0338 U	0.0351 U	0.033 U	0.0382 U	0.0362 U	0.0337 U
Nickel	2.27	130	2,000	150	2.64 U	1.94	0.449 J	0.598	0.379 J	1.98	17	0.752	1.85
Potassium	361	--	--	--	555 J	754 J	175 J	194 J	149 J	291	1,340	299 J	517
Selenium	0.505	2.1	510	39	1.32 U	0.238 J	0.269 U	0.269 U	0.264 U	0.266 U	0.312 U	0.287 U	0.284 U
Sodium	68.3	--	--	--	632	284 U	269 U	269 U	264 U	266 U	312 U	287 U	284 U
Vanadium	17.2	--	520	39	9.27	22.4	4.05	3.96	2.82	5.74	32	7.73	10.6
Zinc	6.59	1,200	31,000	2,300	9.4 J	6.11	1.5	1.4	1.04 J	2.46	61.5	2.29	4.04
Total Petroleum Hydrocarbons													
No Detections													

Notes:

Shading indicates exceedance of two times the mean base background concentration for subsurface soil

Bold box indicates exceedance of NC SSL

Bold text indicates exceedance of Adjusted Industrial Soil RSLs

Underline indicates exceedance of Adjusted Residential Soil RSLs

RSLs were adjusted for noncarcinogens to account for exposure to multiple constituents

J - Analyte present, value may or may not be accurate or precise

R - Unreliable Result

U - The material was analyzed for, but not detected

UJ - Analyte not detected, quantitation limit may be inaccurate

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

APPENDIX A

Subsurface Soil Analytical Results

Site UXO-10, D-11A Flame Tank and Flame Thrower Range

MCB CamLej, North Carolina

Station ID Sample ID Sample Date Chemical Name	MCB CamLej Background SB 2X Mean	NC SSLs (January, 2010)	Adjusted Industrial Soil RSLs (November, 2010)	Adjusted Residential Soil RSLs (November, 2010)	D-IS09	MR10-IS10	MR10-IS11	MR10-IS12	MR10-IS13	MR10-IS14	MR10-IS15	MR10-IS16	MR10-IS17
					MR10-IS09D-13-14-09D 12/07/09	MR10-IS10-4-5-09D 12/09/09	MR10-IS11-12-13-09D 12/07/09	MR10-IS12-13-14-09D 12/09/09	MR10-IS13-6-7-09D 12/08/09	MR10-IS14-12-13-09D 12/08/09	MR10-IS15-12-13-09D 12/09/09	MR10-IS16-12-13-09D 12/09/09	MR10-IS17-13-14-09D 12/07/09
Volatile Organic Compounds (µg/kg)													
Benzene	--	7.3	5,400	1,100	12 U	10 U	10 U	11 U	11 U	9.5 U	10 U	11 U	9.3 U
Carbon disulfide	--	3,800	370,000	82,000	12 U	10 U	10 U	11 U	11 U	9.5 U	10 U	11 U	9.3 U
Chloroform	--	340	1,500	290	12 U	10 U	10 U	11 U	11 U	9.5 U	10 U	11 U	9.3 U
Ethylbenzene	--	8,100	27,000	5,400	12 U	10 U	10 U	11 U	11 U	9.5 U	10 U	11 U	9.3 U
Methylcyclohexane	--	--	--	--	12 U	10 U	10 U	11 U	11 U	9.5 U	10 U	11 U	9.3 U
Trichlorofluoromethane (Freon-11)	--	24,000	--	--	12 U	10 U	10 U	11 U	11 U	9.5 U	10 U	11 U	9.3 U
Xylene, total	--	6,000	260,000	63,000	12 U	10 U	10 U	11 U	11 U	9.5 U	10 U	6.3 J	9.3 U
Semivolatile Organic Compounds (µg/kg)													
2,6-Dinitrotoluene	--	--	62,000	6,100	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
2-Methylnaphthalene	--	1,600	370,000	31,000	12 U	12 U	11 U	12 U	23	12 U	12 U	11 U	12 U
Fluorene	--	56,000	2,200,000	230,000	12 U	12 U	2.1 J	12 U	13 U	12 U	12 U	11 U	12 U
Naphthalene	--	210	18,000	3,600	12 U	12 U	2.7 J	12 U	13 U	12 U	12 U	11 U	12 U
Explosives (µg/kg)													
1,3,5-Trinitrobenzene	--	--	2,700,000	220,000	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
HMX	--	--	4,900,000	380,000	190 U	190 U	190 U	190 U	190 U	190 U	190 U	96 J	190 U
RDX	--	--	24,000	5,500	110 J	190 U	190 U	160 J	270 J	190 U	170 J	190 U	140 J
Total Metals (mg/kg)													
Aluminum	10,369	--	99,000	7,700	5,570	16,000 J	6,730	6,440	12,800 J	10,500	12,400 J	3,990 J	13,500
Arsenic	2.12	5.8	1.6	0.39	0.268 J	2.5	<u>0.677</u>	0.29	2.13	3.98	7.02	1.62	<u>0.486</u>
Barium	16.6	580	19,000	1,500	8.94	27	7.01	8.96	34.5	11.1	12.2	5.59	17.3
Beryllium	0.165	--	200	16	0.0683 J	0.165 J	0.0714 J	0.0608 J	0.436	0.131 J	0.167 J	0.27 U	0.131 J
Cadmium	0.023	3	80	7	0.301 U	0.291 U	0.272 U	0.283 U	0.323 U	0.296 U	0.292 U	0.27 U	0.285 U
Calcium	441	--	--	--	71.3 J	1,080	415	208 J	364	450	104 J	65.3 J	130 J
Chromium	14.5	3.8	5.6	0.29	<u>5.54</u>	13.1	6.05	4.89	17.9	10.7	12.8	3.82	11.1
Cobalt	0.822	--	30	2.3	0.752 U	0.767	0.679 U	0.708 U	4.94	0.301 J	0.36 J	0.675 U	0.507 J
Copper	2.56	700	4,100	310	0.811	2.6	1.1	1.11	3.55	2.96	3.13	0.532 J	2.02
Iron	5,439	150	72,000	5,500	1,050	7,350	1,050	904	5,800	4,790	7,240	975	2,070
Lead	8.49	270	800	400	3.57	4.64	3.24	3.21	10.4	4.81	4.75	1.96	5.01
Magnesium	363	--	--	--	163 J	390	170 J	128 J	784	294 J	332	97.7 J	362
Manganese	9.25	65	2,300	180	5.48 J	11.3 J	4.02 J	4.28	18.1 J	5.55 J	6.99 J	2.33 J	7.12 J
Mercury	0.071	1	31	2.3	0.0352 U	0.0209 J	0.033 U	0.0373 U	0.0438 U	0.0375 U	0.0401 U	0.0341 U	0.0117 J
Nickel	2.27	130	2,000	150	0.999	3.9	0.863	1.03	6.65	1.46	1.75	0.611	2.15
Potassium	361	--	--	--	263 J	471 J	314	242 J	1,150 J	531	747 J	233 J	564
Selenium	0.505	2.1	510	39	0.301 U	0.257 J	0.272 U	0.283 U	0.229 J	0.876	0.483	0.27 U	0.285 U
Sodium	68.3	--	--	--	301 U	22.4 J	272 U	283 U	525	296 U	269 J	88.9 J	285 U
Vanadium	17.2	--	520	39	6.74	22.3	7.66	5.29	30.1	16.7	21.3	6.38	11.8
Zinc	6.59	1,200	31,000	2,300	2.12	6.38	2.25	1.76	15.8	4.16	4.83	1.63	4.47
Total Petroleum Hydrocarbons													
No Detections													

Notes:

Shading indicates exceedance of two times the mean base background concentration for subsurface soil

Bold box indicates exceedance of NC SSL

Bold text indicates exceedance of Adjusted Industrial Soil RSLs

Underline indicates exceedance of Adjusted Residential Soil RSLs

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J - Analyte present, value may or may not be accurate or precise

R - Unreliable Result

U - The material was analyzed for, but not detected

UJ - Analyte not detected, quantitation limit may be inaccurate

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

APPENDIX A

Subsurface Soil Analytical Results

Site UXO-10, D-11A Flame Tank and Flame Thrower Range

MCB CamLej, North Carolina

Station ID Sample ID	MCB CamLej Background SB 2X Mean	NC SSLs (January, 2010)	Adjusted Industrial Soil RSLs (November, 2010)	Adjusted Residential Soil RSLs (November, 2010)	MR10-IS18	MR10-IS19		MR10-IS20	MR10-IS21	MR10-IS22	MR10-IS23	MR10-IS24	MR10-IS25
					MR10-IS18-4-5-09D	MR10-IS19-12-13-09D	MR10-IS19D-12-13-09D	MR10-IS20-9-10-09D	MR10-IS21-12-13-09D	MR10-IS22-11-13-09D	MR10-IS23-13-14-09D	MR10-IS24-12-13-09D	MR10-IS25-6-7-09D
Sample Date					12/08/09	12/07/09	12/07/09	12/09/09	12/10/09	12/10/09	12/10/09	12/10/09	12/08/09
Chemical Name													
Volatile Organic Compounds (µg/kg)													
Benzene	--	7.3	5,400	1,100	12 U	12 U	11 U	11 U	11 U	8.7 U	10 U	9.1 U	12 U
Carbon disulfide	--	3,800	370,000	82,000	2 J	12 U	11 U	11 U	11 U	8.7 U	10 U	9.1 U	12 U
Chloroform	--	340	1,500	290	12 U	12 U	11 U	11 U	11 U	8.7 U	0.58 J	9.1 U	12 U
Ethylbenzene	--	8,100	27,000	5,400	12 U	12 U	11 U	11 U	11 U	8.7 U	10 U	9.1 U	12 U
Methylcyclohexane	--	--	--	--	12 U	12 U	11 U	11 U	11 U	8.7 U	10 U	9.1 U	12 U
Trichlorofluoromethane (Freon-11)	--	24,000	--	--	12 U	12 U	11 U	11 U	11 U	8.7 U	10 U	9.1 U	12 U
Xylene, total	--	6,000	260,000	63,000	12 U	12 U	11 U	11 U	11 U	8.7 U	10 U	9.1 U	12 U
Semivolatile Organic Compounds (µg/kg)													
2,6-Dinitrotoluene	--	--	62,000	6,100	190 U	190 U	70 J	190 U	190 U	190 U	110 J	190 U	190 U
2-Methylnaphthalene	--	1,600	370,000	31,000	14 U	12 U	13 U	11 U	11 U	11 U	11 U	12 U	14 U
Fluorene	--	56,000	2,200,000	230,000	14 U	12 U	13 U	11 U	11 U	11 U	11 U	12 U	14 U
Naphthalene	--	210	18,000	3,600	14 U	12 U	13 U	11 U	11 U	11 U	11 U	12 U	14 U
Explosives (µg/kg)													
1,3,5-Trinitrobenzene	--	--	2,700,000	220,000	190 U	190 U	120 J	190 U	190 U	190 U	190 U	190 U	190 U
HMX	--	--	4,900,000	380,000	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
RDX	--	--	24,000	5,500	190 U	190 U	190 U	200 J	190 U	110 J	100 J	66 J	190 U
Total Metals (mg/kg)													
Aluminum	10,369	--	99,000	7,700	<u>16,900 J</u>	<u>14,400</u>	<u>15,800</u>	6,590	1,900	<u>8,270</u>	3,330	<u>14,100</u>	<u>19,100</u>
Arsenic	2.12	5.8	1.6	0.39	<u>1.15</u>	<u>6.69</u>	<u>9.05</u>	0.224 J	0.183 J	<u>0.498</u>	0.235 J	<u>8</u>	<u>4.04</u>
Barium	16.6	580	19,000	1,500	<u>40.3</u>	<u>17.2</u>	<u>16.6</u>	5.91	2.98	14.4	4.5	<u>20.9</u>	<u>63.4</u>
Beryllium	0.165	--	200	16	0.431	0.197 J	0.213 J	0.0587 J	0.265 U	0.0565 J	0.282 U	0.216 J	0.688
Cadmium	0.023	3	80	7	0.338 U	0.298 U	0.318 U	0.275 U	0.265 U	0.268 U	0.282 U	0.298 U	0.338 U
Calcium	441	--	--	--	<u>557</u>	<u>695</u>	<u>613</u>	<u>239 J</u>	<u>92 J</u>	<u>258 J</u>	<u>282 U</u>	<u>275 J</u>	<u>1,090</u>
Chromium	14.5	3.8	5.6	0.29	<u>23.6</u>	<u>16.1</u>	<u>17.5</u>	<u>5.61</u>	<u>2.42 J</u>	<u>6.22 J</u>	<u>4.24</u>	<u>20.7 J</u>	<u>33.1</u>
Cobalt	0.822	--	30	2.3	0.911	0.487 J	0.514 J	0.689 U	0.663 U	0.382 J	0.704 U	0.525 J	4.27
Copper	2.56	700	4,100	310	<u>3.11</u>	<u>6.27</u>	<u>5.95</u>	0.866	0.354 J	0.816	0.377 J	7.94	9.63
Iron	5,439	150	72,000	5,500	<u>6,620</u>	<u>6,940</u>	<u>7,820</u>	913	429	1,270	586	<u>9,840</u>	<u>8,930</u>
Lead	8.49	270	800	400	9.71	6.73	7.3	2.51	2.15	2.98	2.4	7.71	13.9
Magnesium	363	--	--	--	<u>889</u>	<u>478</u>	<u>548</u>	125 J	63 J	146 J	88.6 J	<u>468 J</u>	1,300
Manganese	9.25	65	2,300	180	<u>18.9 J</u>	<u>7.78 J</u>	<u>8.78 J</u>	2.9	2.29	3.35	2.72	6.45	<u>22.9 J</u>
Mercury	0.071	1	31	2.3	0.0206 J	0.0416 U	0.0406 U	0.033 U	0.035 U	0.0336 U	0.033 U	0.0209 J	0.0199 J
Nickel	2.27	130	2,000	150	<u>3.67</u>	<u>2.31</u>	<u>2.43</u>	0.891	0.396 J	1.74	0.514 J	2.38	11.9
Potassium	361	--	--	--	<u>1,490 J</u>	<u>783</u>	<u>833</u>	239 J	106 J	220 J	194 J	<u>825 J</u>	<u>1,980</u>
Selenium	0.505	2.1	510	39	0.338 U	0.645	0.653	0.275 U	0.265 U	0.268 U	0.282 U	0.55	0.358
Sodium	68.3	--	--	--	<u>338 U</u>	<u>298 U</u>	<u>318 U</u>	<u>92 J</u>	265 U	268 U	282 U	298 U	<u>88.7 J</u>
Vanadium	17.2	--	520	39	<u>34</u>	<u>29.2</u>	<u>38</u>	4.97	2.22	6.57	4.2	<u>34.9</u>	<u>47.6</u>
Zinc	6.59	1,200	31,000	2,300	<u>16.5</u>	<u>5.99</u>	<u>6.32</u>	1.55	1.18	2.26	1.46	6.19	<u>26.1</u>
Total Petroleum Hydrocarbons													
No Detections													

Notes:

Shading indicates exceedance of two times the mean base background concentration for subsurface soil

Bold box indicates exceedance of NC SSL

Bold text indicates exceedance of Adjusted Industrial Soil RSLs

Underline indicates exceedance of Adjusted Residential Soil RSLs

RSLs were adjusted for noncarcinogens to account for exposure to multiple constituents

J - Analyte present, value may or may not be accurate or precise

R - Unreliable Result

U - The material was analyzed for, but not detected

UJ - Analyte not detected, quantitation limit may be inaccurate

mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

APPENDIX A

Subsurface Soil Analytical Results

Site UXO-10, D-11A Flame Tank and Flame Thrower Range

MCB CamLej, North Carolina

Station ID Sample ID Sample Date Chemical Name	MCB CamLej Background SB 2X Mean	NC SSLs (January, 2010)	Adjusted Industrial Soil RSLs (November, 2010)	Adjusted Residential Soil RSLs (November, 2010)	MR10-IS26	MR10-IS27		MR10-IS28	MR10-IS29	MR10-IS30	MR10-IS31		MR10-IS32
					MR10-IS26-12-13-09D 12/08/09	MR10-IS27-12-13-09D 12/10/09	MR10-IS27D-12-13-09D 12/10/09	MR10-IS28-14-15-09D 12/08/09	MR10-IS29-12-13-09D 12/10/09	MR10-IS30-13-14-09D 12/10/09	MR10-IS31-13-14-09D 12/10/09	MR10-IS31D-13-14-09D 12/10/09	MR10-IS32-4-5-09D 12/08/09
Volatile Organic Compounds (µg/kg)													
Benzene	--	7.3	5,400	1,100	9.6 U	10 U	12 U	10 U	9.3 U	11 U	14 U	12 U	10 U
Carbon disulfide	--	3,800	370,000	82,000	9.6 U	10 U	12 U	10 U	9.3 U	11 U	14 U	12 U	10 U
Chloroform	--	340	1,500	290	9.6 U	10 U	12 U	10 U	9.3 U	11 U	14 U	12 U	10 U
Ethylbenzene	--	8,100	27,000	5,400	9.6 U	10 U	12 U	10 U	9.3 U	11 U	14 U	12 U	10 U
Methylcyclohexane	--	--	--	--	9.6 U	10 U	12 U	10 U	9.3 U	11 U	14 U	12 U	10 U
Trichlorofluoromethane (Freon-11)	--	24,000	--	--	1.6 J	10 U	12 U	10 U	9.3 U	11 U	14 U	12 U	10 U
Xylene, total	--	6,000	260,000	63,000	9.6 U	10 U	12 U	10 U	9.3 U	11 U	14 U	12 U	10 U
Semivolatile Organic Compounds (µg/kg)													
2,6-Dinitrotoluene	--	--	62,000	6,100	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
2-Methylnaphthalene	--	1,600	370,000	31,000	11 U	12 U	11 U	12 U	12 U	11 U	12 U	13 U	12 U
Fluorene	--	56,000	2,200,000	230,000	11 U	12 U	11 U	12 U	12 U	11 U	12 U	13 U	12 U
Naphthalene	--	210	18,000	3,600	11 U	12 U	11 U	12 U	12 U	11 U	12 U	13 U	12 U
Explosives (µg/kg)													
1,3,5-Trinitrobenzene	--	--	2,700,000	220,000	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
HMX	--	--	4,900,000	380,000	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
RDX	--	--	24,000	5,500	190 U	190 J	190 U	190 U	160 J	77 J	190 U	200 J	190 U
Total Metals (mg/kg)													
Aluminum	10,369	--	99,000	7,700	2,800	5,350	4,170	8,670	11,900	1,980	2,440	3,160	4,960
Arsenic	2.12	5.8	1.6	0.39	0.265 U	0.286 J	0.259 J	0.373	0.578	0.209 J	0.212 J	0.229 J	0.362
Barium	16.6	580	19,000	1,500	2.54	6.77	4.87	9.51	27.7	2.84	4.02	5.28	9.92
Beryllium	0.165	--	200	16	0.265 U	0.296 U	0.273 U	0.103 J	0.107 J	0.285 U	0.285 U	0.314 U	0.085 J
Cadmium	0.023	3	80	7	0.265 U	0.296 U	0.273 U	0.283 U	0.295 U	0.285 U	0.285 U	0.314 U	0.297 U
Calcium	441	--	--	--	102 J	113 J	55 J	103 J	341	84.2 J	285 U	314 U	169 J
Chromium	14.5	3.8	5.6	0.29	2.77	4.03	3.48	7.72	8.65 J	2.63 J	2.9 J	3.51 J	5.77
Cobalt	0.822	--	30	2.3	0.663 U	0.739 U	0.683 U	0.311 J	0.829	0.713 U	0.712 U	0.786 U	0.743 U
Copper	2.56	700	4,100	310	0.699	0.516 J	0.677	1.03	2.07	0.57 U	0.382 J	0.52 J	0.428 J
Iron	5,439	150	72,000	5,500	465	740	707	1,490	2,360	409	456	644	670
Lead	8.49	270	800	400	1.73	1.87	2.06	3.18	4.14	1.68	2.07	3.1	3.13
Magnesium	363	--	--	--	64.2 J	113 J	92.8 J	239 J	356 J	57.6 J	68.3 J	80.7 J	139 J
Manganese	9.25	65	2,300	180	1.87 J	2.96	2.39	6.37 J	8.3	1.91	2.94	3	2.42 J
Mercury	0.071	1	31	2.3	0.0352 U	0.0392 U	0.0336 U	0.0336 U	0.033 U	0.0374 U	0.0338 U	0.0355 U	0.019 J
Nickel	2.27	130	2,000	150	0.495 J	0.891	0.653	1.35	2.88	0.314 J	0.466 J	0.595 J	0.603
Potassium	361	--	--	--	129 J	207 J	174 J	426	399 J	124 J	119 J	157 J	145 J
Selenium	0.505	2.1	510	39	0.265 U	0.296 U	0.273 U	0.283 U	0.295 U	0.285 U	0.285 U	0.314 U	0.801
Sodium	68.3	--	--	--	265 U	296 U	273 U	283 U	65.3 J	285 U	62.5 J	314 U	297 U
Vanadium	17.2	--	520	39	2.98	4.81	5.4	8.65	8.92	2.76	2.99	4.88	8.46
Zinc	6.59	1,200	31,000	2,300	1.32 U	2.07	1.68	3.52	4.43	1.04 J	1.17	1.4	1.64
Total Petroleum Hydrocarbons													
No Detections													

Notes:

Shading indicates exceedance of two times the mean base background concentration for subsurface soil

Bold box indicates exceedance of NC SSL

Bold text indicates exceedance of Adjusted Industrial Soil RSLs

Underline indicates exceedance of Adjusted Residential Soil RSLs

RSLs were adjusted for noncarcinogens to account for exposure to multiple constituents

J - Analyte present, value may or may not be accurate or precise

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mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

APPENDIX A

Subsurface Soil Analytical Results

Site UXO-10, D-11A Flame Tank and Flame Thrower Range

MCB CamLej, North Carolina

Station ID Sample ID Sample Date	MCB CamLej Background SB 2X Mean	NC SSLs (January, 2010)	Adjusted Industrial Soil RSLs (November, 2010)	Adjusted Residential Soil RSLs (November, 2010)	MR10-IS33	MR10-IS34	MR10-IS35	MR10-IS36
					MR10-IS33-13-14-09D 12/10/09	MR10-IS34-12-13-09D 12/08/09	MR10-IS35-13-14-09D 12/10/09	MR10-IS36-13-14-09D 12/10/09
Chemical Name								
Volatile Organic Compounds (µg/kg)								
Benzene	--	7.3	5,400	1,100	10 U	9.9 U	11 U	12 U
Carbon disulfide	--	3,800	370,000	82,000	10 U	9.9 U	11 U	12 U
Chloroform	--	340	1,500	290	10 U	9.9 U	0.62 J	12 U
Ethylbenzene	--	8,100	27,000	5,400	10 U	9.9 U	11 U	12 U
Methylcyclohexane	--	--	--	--	10 U	9.9 U	11 U	12 U
Trichlorofluoromethane (Freon-11)	--	24,000	--	--	3.2 J	9.9 U	11 U	12 U
Xylene, total	--	6,000	260,000	63,000	10 U	9.9 U	11 U	12 U
Semivolatile Organic Compounds (µg/kg)								
2,6-Dinitrotoluene	--	--	62,000	6,100	190 U	190 U	190 U	190 U
2-Methylnaphthalene	--	1,600	370,000	31,000	11 U	12 UJ	11 U	12 U
Fluorene	--	56,000	2,200,000	230,000	11 U	12 UJ	11 U	12 U
Naphthalene	--	210	18,000	3,600	11 U	12 UJ	11 U	12 U
Explosives (µg/kg)								
1,3,5-Trinitrobenzene	--	--	2,700,000	220,000	190 U	190 U	190 U	190 U
HMX	--	--	4,900,000	380,000	190 U	190 U	190 U	190 U
RDX	--	--	24,000	5,500	170 J	190 U	82 J	200 J
Total Metals (mg/kg)								
Aluminum	10,369	--	99,000	7,700	5,450	<u>12,200</u>	1,960	6,830
Arsenic	2.12	5.8	1.6	0.39	0.284	<u>0.489</u>	0.169 J	0.341
Barium	16.6	580	19,000	1,500	6.3	15.6	2.71	9.17
Beryllium	0.165	--	200	16	0.261 U	0.146 J	0.257 U	0.0788 J
Cadmium	0.023	3	80	7	0.261 U	0.288 U	0.257 U	0.293 U
Calcium	441	--	--	--	261 U	<u>512</u>	70.9 J	178 J
Chromium	14.5	3.8	5.6	0.29	<u>5.24</u>	<u>10.1</u>	<u>2.34 J</u>	<u>5.88 J</u>
Cobalt	0.822	--	30	2.3	0.652 U	0.52 J	0.641 U	0.551 J
Copper	2.56	700	4,100	310	1.18	2.37	0.308 J	1.28
Iron	5,439	150	72,000	5,500	849	2,080	407	1,270
Lead	8.49	270	800	400	3.07	4.53	1.83	2.67
Magnesium	363	--	--	--	102 J	<u>383</u>	55.1 J	238 J
Manganese	9.25	65	2,300	180	6.62	8.83 J	1.93	6.28
Mercury	0.071	1	31	2.3	0.0375 U	0.0375 U	0.033 U	0.0387 U
Nickel	2.27	130	2,000	150	0.954	2.12	0.296 J	<u>2.29</u>
Potassium	361	--	--	--	180 J	<u>620</u>	106 J	318 J
Selenium	0.505	2.1	510	39	0.261 U	0.288 U	0.257 U	0.293 U
Sodium	68.3	--	--	--	261 U	288 U	257 U	293 U
Vanadium	17.2	--	520	39	4.77	12.6	2.82	5.68
Zinc	6.59	1,200	31,000	2,300	1.66	5.08	0.938 J	3.82
Total Petroleum Hydrocarbons								
No Detections								

Notes:

Shading indicates exceedance of two times the mean base background concentration for subsurface soil

Bold text indicates exceedance of NC SSL

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Underline indicates exceedance of Adjusted Residential Soil RSLs

RSLs were adjusted for noncarcinogens to account for exposure to multiple constituents

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mg/kg - Milligrams per kilogram

µg/kg - Micrograms per kilogram

APPENDIX A

Groundwater Analytical Results

Site UXO-10, D-11A Flame Tank and Flame Thrower Range

MCB Camp Lejeune, North Carolina

Station ID Sample ID Sample Date	MCB CamLej Background GW 2X Mean	NCGWQS (January, 2010)*	Adjusted Tap Water RSLs (November, 2010)	MR10-IS07		MR10-IS09	MR10-IS11	MR10-IS14	MR10-IS17	MR10-IS19	MR10-IS25	MR10-IS26	MR10-IS28	MR10-IS34
				MR10-TW07-09D 12/10/09	MR10-TW07D-09D 12/10/09	MR10-TW09-09D 12/09/09	MR10-TW11-09D 12/10/09	MR10-TW14-09D 12/10/09	MR10-TW17-09D 12/09/09	MR10-TW19-09D 12/09/09	MR10-TW25-09D 12/10/09	MR10-TW26-09D 12/10/09	MR10-TW28-09D 12/10/09	MR10-TW34-09D 12/10/09
Chemical Name														
Volatile Organic Compounds (µg/l)														
1,4-Dichlorobenzene	--	75	0.43	1 U	1 U	0.68 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	--	700	100	1 U	1 U	0.28 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane (Freon-12)	--	1,000	39	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.36 J	1 U	1 U
Trichlorofluoromethane (Freon-11)	--	2,000	--	1 U	1 U	1 U	1 U	1.9	1 U	1 U	1 U	6.3	0.74 J	1 U
Semivolatile Organic Compounds (µg/l)														
2,4-Dinitrotoluene	--	--	0.22	0.15 U	0.15 U	0.086 J	0.14 U	0.15 U	0.14 U	0.15 U				
2,6-Dinitrotoluene	--	--	3.7	0.15 U	0.15 U	0.24 J	0.14 U	0.15 U	0.14 U	0.15 U				
Benzo(b)fluoranthene	--	0.05	0.029	0.24 U	0.25 U	0.24 U	0.24 U	0.24 U	0.23 U	0.24 U	0.25 U	0.24 U	0.025 J	0.26 U
Benzo(k)fluoranthene	--	0.5	0.29	0.24 U	0.25 U	0.24 U	0.24 U	0.24 U	0.23 U	0.24 U	0.25 U	0.24 U	0.03 J	0.26 U
Fluorene	--	300	150	0.24 U	0.25 U	0.24 U	0.24 U	0.021 J	0.23 U	0.24 U	0.25 U	0.24 U	0.25 U	0.26 U
Hexachlorobenzene	--	1	0.042	0.24 U	0.025 J	0.24 U	0.24 U	0.24 U	0.23 U	0.24 U	0.25 U	0.24 U	0.25 U	0.26 U
Nitrobenzene	--	--	0.12	0.15 U	0.064 J	0.43 J	0.12 J	0.15 U	0.46 J	0.12 J	0.067 J	0.15 U	0.15 U	0.71 J
Explosives (µg/l)														
1,3,5-Trinitrobenzene	--	--	110	0.15 U	0.15 U	0.056 J	0.14 U	0.15 U	0.092 J	0.072 J	0.15 U	0.15 U	0.15 U	0.15 U
1,3-Dinitrobenzene	--	--	0.37	0.15 U	0.15 U	0.14 U	0.14 U	0.16 J	0.14 U	0.15 U				
2-Nitrotoluene	--	--	0.31	0.15 U	0.15 U	0.34 J	0.14 U	0.15 U	0.14 U	0.15 U				
3-Nitrotoluene	--	--	0.37	0.15 U	0.15 U	0.11 J	0.14 U	0.15 U	0.17	0.089 J	0.15 U	0.15 U	0.15 U	0.15 U
4-Nitrotoluene	--	--	4.2	0.15 U	0.15 U	0.84 J	0.14 U	0.15 U	0.12 J	0.07 J	0.15 U	0.15 U	0.15 U	0.15 U
HMX	--	--	180	0.15 UJ	0.15 UJ	0.74 J	0.14 UJ	0.15 UJ	0.079 J	0.15 UJ				
Perchlorate	--	--	2.6	0.2 U	0.2 U	1 U	0.2 U	0.385	0.17 J	0.468	0.531	0.818	0.2 U	0.289
PETN	--	--	--	0.51 U	0.5 U	0.36 J	0.48 U	0.51 U	0.49 U	0.5 U	0.51 U	0.5 U	0.5 U	0.5 U
RDX	--	--	0.61	0.081 J	0.15 U	0.42	0.14 U	0.15 U	0.068 J	0.15 U	0.1 J	0.15 U	0.15 U	0.15 U
Tetryl	--	--	15	0.15 U	0.15 U	0.26	0.14 U	0.15 U	0.14 U	0.15 U				
Total Metals (µg/l)														
Aluminum	1,886	--	3,700	467	593	281 J	277	271	191 J	214 J	138	419	298	139
Arsenic	5.77	10	0.045	8.68	10.6	3.19	1.25 U	0.818 J	1.25 U	1.25 U	1.37	1.25 U	1.25 U	1.25 U
Barium	86.2	2,000	730	69.4	74.3	37.4	35.2	31.6	36.9	26.4	96.6	59.8	27.9	40.1
Beryllium	0.308	4	7.3	0.998 J	1.14 J	1.25 U								
Calcium	69,078	--	--	15,400	16,700	60,700	72,400	10,500	49,400	14,600	14,900	18,900	6,770	7,810
Chromium	3.13	100	0.043	0.62 J	0.735 J	0.903 J	0.538 J	1.36	1.25 U	0.788 J	0.705 J	1.02 J	0.722 J	0.844 J
Cobalt	3.4	--	1.1	35.9	41.6	3.12 U	1.27 J	2.47 J	3.12 U	3.12 U				
Iron	5,999	300	2,600	7,900	8,860	19,200	5,720	2,480	4,180	3,150	3,970	479	1,100	1,600
Lead	2.8	15	15	0.75 U	0.558 J	0.75 U								
Magnesium	6,363	--	--	8,640	9,860	25,200	4,120	765 J	5,260	2,620	2,940	4,390	592 J	5,960
Manganese	214	50	88	133	149	441 J	200	26.2	102 J	44.5 J	85.2	24.4	19.7	33
Nickel	7.97	100	73	50.5	58.5	3.13	2.82	3.55	5.5	4.81	6.11	3.91	2.04 J	2.63
Potassium	3,277	--	--	3,170	3,500	3,680 J	3,300	1,790	1,190 J	774 J	2,590	14,800	1,510	990 J
Selenium	3.14	50	18	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	4.83
Sodium	22,508	--	--	15,100	16,500	6,360	2,100	1,750	3,940	2,230	12,100	8,640	2,720	3,630
Vanadium	4.72	--	18	2.77 J	3.4	3.12 U								
Zinc	42.1	1,000	1,100	106	126	3.29 J	5 U	2.93 J	3.47 J	2.46 J	4.15 J	25.5	2.54 J	1.39 J
Dissolved Metals (µg/l)														
Aluminum, Dissolved	1,886	--	3,700	NA	NA	NA	NA	56.3	NA	NA	NA	NA	NA	NA
Barium, Dissolved	86.2	2,000	730	NA	NA	NA	NA	30.2	NA	NA	NA	NA	NA	NA
Cadmium, Dissolved	0.358	5	1.8	NA	NA	NA	NA	0.289 J	NA	NA	NA	NA	NA	NA
Calcium, Dissolved	69,078	--	--	NA	NA	NA	NA	10,800	NA	NA	NA	NA	NA	NA
Iron, Dissolved	5,999	300	2,600	NA	NA	NA	NA	2,100	NA	NA	NA	NA	NA	NA
Magnesium, Dissolved	6,363	--	--	NA	NA	NA	NA	771 J	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	214	50	88	NA	NA	NA	NA	24.3	NA	NA	NA	NA	NA	NA
Nickel, Dissolved	7.97	100	73	NA	NA	NA	NA	3.4	NA	NA	NA	NA	NA	NA
Potassium, Dissolved	3,277	--	--	NA	NA	NA	NA	1,580	NA	NA	NA	NA	NA	NA
Sodium, Dissolved	22,508	--	--	NA	NA	NA	NA	1,610	NA	NA	NA	NA	NA	NA
Zinc, Dissolved	42.1	1,000	1,100	NA	NA	NA	NA	3.42 J	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons														
TPH-diesel range (µg/l)	--	--	--	94.3 U	96.2 U	102	98 U	96.2 U	100 U	100 U	105 U	98 U	98 U	96.2 U

Shading indicates exceedance of two times the mean base background concentration for Groundwater

Bold box indicates exceedance of NCGWQS or the more conservative MCL

Bold text indicates exceedance of Adjusted Tap Water RSLs

RSLs were adjusted for noncarcinogens to account for exposure to multiple constituents

* - The MCL-Groundwater value is reported in place of the NC2LGW where the MCL value is more conservative.

NA - Not analyzed

J - Analyte present, value may or may not be accurate or precise

R - Unreliable Result

U - The material was analyzed for, but not

UJ - Analyte not detected, quantitation limit may be inaccurate

µg/l - Micrograms per liter

Appendix B
MEC Intrusive Investigation Documents

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-00001	11136.43	9/28/2011	287673.85	3837166.57	Facility Resource	Facility Resource	Utility	1	3	0	Left in Place	None	Hit over buried utility
UXO10-00002	10579.24	9/28/2011	287680.2	3837196.37	Facility Resource	Facility Resource	Utility	1	0	0	Left in Place	None	Hit over buried utility
UXO10-00003	5876.82	9/29/2011	287738.32	3837133.32	Non-MPPEH Debris	Scrap	N/A	1	4	8	Scrap Bin	None	
UXO10-00004	4962.42	9/28/2011	287760.1	3837132.92	Non-MPPEH Debris	Scrap	N/A	1	8	3	Scrap Bin	None	
UXO10-00005	4885.56	9/28/2011	287690.57	3837192.7	Facility Resource	Facility Resource	Utility	1	24	0	Left in Place	None	Hit over buried utility
UXO10-00006	4198.88	9/28/2011	287678.69	3837192.12	Facility Resource	Facility Resource	Utility	1	20	0	Left in Place	None	Hit over buried utility
UXO10-00007	3554.76	9/29/2011	287786.64	3837148.72	Non-MPPEH Debris	Scrap	N/A	1	10	0	Left in Place	None	Trash pit left in place on authority of UXOQCS
UXO10-00008	2747.65	9/29/2011	287709.33	3837165.4	Non-MPPEH Debris	Scrap	N/A	6	6	0.5	Scrap Bin	None	
UXO10-00009	2249.44	9/29/2011	287780.54	3837147.92	Non-MPPEH Debris	Scrap	N/A	5	12	15	Scrap Bin	None	
UXO10-00010	1558.99	9/28/2011	287762.53	3837137.44	Non-MPPEH Debris	Scrap	N/A	2	1	4	Scrap Bin	None	
UXO10-00011	1536.45	9/29/2011	287797.61	3837151.8	Non-MPPEH Debris	Scrap	N/A	1	2	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00012	1337.32	9/28/2011	287747.15	3837139.09	Facility Resource	Facility Resource	Utility	1	10	0	Left in Place	None	Hit over buried utility
UXO10-00013	1295.17	9/29/2011	287706.27	3837168.22	Facility Resource	Facility Resource	Utility	1	16	0	Left in Place	None	Hit over buried utility
UXO10-00014	1040.68	9/28/2011	287799.19	3837120.17	No Contact	No Contact	N/A	0	24	0	Left in Place	None	Dug To Depth
UXO10-00015	749.47	9/28/2011	287709.79	3837172.71	Non-MPPEH Debris	Scrap	N/A	1	3	0.75	Scrap Bin	None	
UXO10-00016	644.89	9/29/2011	287770.71	3837180.16	TBD	TBD	Greater than 2 ft	0	24	0	Left in Place	None	
UXO10-00017	625.34	9/29/2011	287778.4	3837150.1	Non-MPPEH Debris	Scrap	N/A	1	14	0	Left in Place	None	Trash pit left in place on authority of UXOQCS
UXO10-00018	617.75	9/28/2011	287688.33	3837218.35	Facility Resource	Facility Resource	Utility	1	0	0	Left in Place	None	Hit over buried utility
UXO10-00019	589.42	9/28/2011	287691.46	3837184.23	Facility Resource	Facility Resource	Utility	1	0	0	Left in Place	None	Road sign
UXO10-00020	569.62	9/29/2011	287804.13	3837159.77	Non-MPPEH Debris	Scrap	N/A	1	16	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00021	533.97	9/29/2011	287686.56	3837205.39	Facility Resource	Facility Resource	Utility	1	0	0	Left in Place	None	Power pole
UXO10-00022	523.65	9/29/2011	287771.74	3837165.07	Non-MPPEH Debris	Scrap	N/A	2	24	5	Scrap Bin	None	
UXO10-00023	493.32	9/29/2011	287751.41	3837159.47	Non-MPPEH Debris	Scrap	N/A	1	6	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00024	471.68	9/29/2011	287740.33	3837131.33	Non-MPPEH Debris	Scrap	N/A	1	14	0	Scrap Bin	None	steam radiator left in place on authority of UXOQCS
UXO10-00025	471.04	9/28/2011	287678.83	3837168.06	Facility Resource	Facility Resource	Utility	1	10	0	Left in Place	None	Hit over buried utility
UXO10-00026	448.11	9/28/2011	287712.41	3837184.56	Facility Resource	Facility Resource	Road	1	0	0	Left in Place	None	Road sign
UXO10-00027	432.51	9/28/2011	287749.62	3837154.58	Facility Resource	Facility Resource	Utility	1	20	0	Left in Place	None	Hit over buried utility
UXO10-00028	407.47	9/28/2011	287672.77	3837138.3	Facility Resource	Facility Resource	Utility	1	16	0	Left in Place	None	Hit over buried utility
UXO10-00029	406.6	9/28/2011	287736.03	3837135.6	Non-MPPEH Debris	Scrap	N/A	1	5	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS
UXO10-00030	398.31	9/28/2011	287706.46	3837191.11	Non-MPPEH Debris	Scrap	N/A	1	16	0	Left in Place	None	Trash pit left in place on authority of UXOQCS
UXO10-00031	334.27	9/28/2011	287710.79	3837178.85	TBD	TBD	Greater than 2 ft	0	24	0	Left in Place	None	
UXO10-00032	311.35	9/27/2011	287715.19	3837136.75	TBD	TBD	Greater than 2 ft	0	24	0	Left in Place	None	
UXO10-00033	290.46	9/28/2011	287672.03	3837161.13	Non-MPPEH Debris	Scrap	N/A	1	16	0	Left in Place	None	Trash pit left in place on authority of UXOQCS
UXO10-00034	282.07	9/28/2011	287748.76	3837129.51	Non-MPPEH Debris	Scrap	N/A	1	12	0	Left in Place	None	Trash pit left in place on authority of UXOQCS
UXO10-00035	280.23	9/29/2011	287673.31	3837137.44	Facility Resource	Facility Resource	Utility	1	16	0	Left in Place	None	Hit over buried utility
UXO10-00036	277.01	9/28/2011	287679.79	3837160.43	Non-MPPEH Debris	Scrap	N/A	2	8	10	Scrap Bin	None	
UXO10-00037	241.4	9/29/2011	287790.4	3837151.66	Non-MPPEH Debris	Scrap	N/A	1	14	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00038	238.83	9/27/2011	287726.71	3837124	Non-MPPEH Debris	Scrap	N/A	18	4	7	Scrap Bin	None	
UXO10-00039	230.01	9/27/2011	287714.89	3837208.27	Non-MPPEH Debris	Scrap	N/A	1	14	31	Scrap Bin	None	
UXO10-00040	227.49	9/27/2011	287679.59	3837220.62	Non-MPPEH Debris	Scrap	N/A	1	10	10	Scrap Bin	None	
UXO10-00041	226.38	9/28/2011	287758.85	3837211.4	Non-MPPEH Debris	Scrap	N/A	1	5	2	Scrap Bin	None	
UXO10-00042	224.48	9/29/2011	287784.75	3837150.87	Non-MPPEH Debris	Scrap	N/A	1	6	0.25	Scrap Bin	None	
UXO10-00043	212.77	9/28/2011	287749.73	3837157.18	Facility Resource	Facility Resource	Utility	1	24	0	Left in Place	None	Hit over buried utility
UXO10-00044	201.61	9/28/2011	287792.72	3837164.4	Non-MPPEH Debris	Scrap	N/A	1	3	0.2	Scrap Bin	None	
UXO10-00045	198.57	9/29/2011	287772.59	3837164.15	Non-MPPEH Debris	Scrap	N/A	1	24	3	Scrap Bin	None	
UXO10-00046	195.6	9/28/2011	287692.78	3837182.79	Facility Resource	Facility Resource	Utility	1	14	0	Left in Place	None	Hit over buried utility
UXO10-00047	192.46	9/28/2011	287753.65	3837181.66	No Contact	No Contact	N/A	0	0	0	Left in Place	None	Doesn't match data. Initial value: 1.1mv
UXO10-00048	180.99	9/29/2011	287788.82	3837146.5	Non-MPPEH Debris	Scrap	N/A	1	12	5	Scrap Bin	None	
UXO10-00049	172.52	9/29/2011	287790.16	3837137.26	Non-MPPEH Debris	Scrap	N/A	1	8	75	Scrap Bin	None	
UXO10-00050	169.01	9/29/2011	287788.2	3837147.12	SHD	Shared Target	SHD	0	0	0	Left in Place	None	Shared hit w/ flag #7
UXO10-00051	166.19	9/29/2011	287785.26	3837165.25	Non-MPPEH Debris	Scrap	N/A	1	3	2	Scrap Bin	None	
UXO10-00052	164.02	9/27/2011	287671.1	3837132.27	Non-MPPEH Debris	Scrap	N/A	13	8	1.5	Scrap Bin	None	
UXO10-00053	161.49	9/28/2011	287783.8	3837151.92	Non-MPPEH Debris	Scrap	N/A	1	10	0	Left in Place	None	Trash pit left in place on authority of UXOQCS
UXO10-00054	159.93	9/27/2011	287674.64	3837195.68	Non-MPPEH Debris	Scrap	N/A	6	0	1.5	Scrap Bin	None	
UXO10-00055	153.99	9/27/2011	287686.24	3837212.68	Facility Resource	Facility Resource	Utility	1	24	0	Left in Place	None	Hit over buried utility

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-00056	148.55	9/28/2011	287759.91	3837216.56	Non-MPPEH Debris	Scrap	N/A	1	3	0.25	Scrap Bin	None	
UXO10-00057	147.69	9/27/2011	287698.83	3837191.91	Non-MPPEH Debris	Scrap	N/A	9	0	0.1	Scrap Bin	None	
UXO10-00058	147.46	9/29/2011	287801.51	3837147.49	Non-MPPEH Debris	Scrap	N/A	1	3	5	Scrap Bin	None	
UXO10-00059	145.53	9/28/2011	287750.8	3837157.34	Facility Resource	Facility Resource	Utility	1	20	0	Left in Place	None	Hit over buried utility
UXO10-00060	142.29	9/28/2011	287756.42	3837193.92	Facility Resource	Facility Resource	Utility	1	16	0	Left in Place	None	Hit over buried utility
UXO10-00061	141.28	9/29/2011	287798.8	3837150.48	Non-MPPEH Debris	Scrap	N/A	1	6	0.75	Scrap Bin	None	
UXO10-00062	133.7	9/29/2011	287668.07	3837135	Non-MPPEH Debris	Scrap	N/A	1	12	1.5	Scrap Bin	None	
UXO10-00063	133.08	9/27/2011	287714.4	3837144.65	Non-MPPEH Debris	Scrap	N/A	8	0	0.8	Scrap Bin	None	
UXO10-00064	131.1	9/27/2011	287715.02	3837143.83	Non-MPPEH Debris	Scrap	N/A	3	6	2	Scrap Bin	None	
UXO10-00065	129.37	9/29/2011	287673.46	3837152.11	Non-MPPEH Debris	Scrap	N/A	1	5	2	Scrap Bin	None	
UXO10-00066	127.74	9/29/2011	287780.02	3837163.04	Non-MPPEH Debris	Scrap	N/A	1	5	0.75	Scrap Bin	None	
UXO10-00067	127.24	9/28/2011	287750.23	3837150.48	Non-MPPEH Debris	Scrap	N/A	1	2	0.25	Scrap Bin	None	
UXO10-00068	127.12	9/29/2011	287789.16	3837153	Non-MPPEH Debris	Scrap	N/A	1	8	3	Scrap Bin	None	
UXO10-00069	123.91	9/27/2011	287684.84	3837199.6	Non-MPPEH Debris	Scrap	N/A	7	5	2	Scrap Bin	None	
UXO10-00070	116.19	9/29/2011	287768.16	3837168.78	Non-MPPEH Debris	Scrap	N/A	2	2	0.5	Scrap Bin	None	
UXO10-00071	115.03	9/28/2011	287755.03	3837189.38	Non-MPPEH Debris	Scrap	N/A	1	3	1.5	Scrap Bin	None	
UXO10-00072	112.93	9/29/2011	287775.21	3837153.67	Non-MPPEH Debris	Scrap	N/A	1	24	0	Left in Place	None	Trash pit left in place on authority of UXOQCS
UXO10-00073	112.73	9/29/2011	287793.41	3837148.45	Non-MPPEH Debris	Scrap	N/A	1	16	3	Scrap Bin	None	
UXO10-00074	111.82	9/27/2011	287703.9	3837163.95	Non-MPPEH Debris	Scrap	N/A	4	1	2.5	Scrap Bin	None	
UXO10-00075	108.61	9/28/2011	287747.12	3837150.88	Non-MPPEH Debris	Scrap	N/A	6	3	1	Scrap Bin	None	
UXO10-00076	108.44	9/27/2011	287698.03	3837147.72	Non-MPPEH Debris	Scrap	N/A	5	6	0.25	Scrap Bin	None	
UXO10-00077	104.49	9/28/2011	287675.02	3837142.51	Facility Resource	Facility Resource	Utility	1	18	0	Left in Place	None	Hit over buried utility
UXO10-00078	103.88	9/29/2011	287799.88	3837149.32	Non-MPPEH Debris	Scrap	N/A	1	16	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00079	99.59	9/28/2011	287679.84	3837175.26	Non-MPPEH Debris	Scrap	N/A	5	19	6	Scrap Bin	None	
UXO10-00080	99.49	9/28/2011	287761.27	3837221.69	Non-MPPEH Debris	Scrap	N/A	1	5	0.25	Scrap Bin	None	
UXO10-00081	98.3	9/28/2011	287768.68	3837115.67	Non-MPPEH Debris	Scrap	N/A	2	1	0.5	Scrap Bin	None	
UXO10-00082	96.42	9/27/2011	287686.06	3837130.76	Non-MPPEH Debris	Scrap	N/A	6	4	0.5	Scrap Bin	None	
UXO10-00083	95.69	9/28/2011	287765.43	3837156.78	Non-MPPEH Debris	Scrap	N/A	1	0	0.75	Scrap Bin	None	
UXO10-00084	94.56	9/29/2011	287675.8	3837149.5	Non-MPPEH Debris	Scrap	N/A	1	8	4	Scrap Bin	None	
UXO10-00085	91.47	9/28/2011	287754.84	3837184.71	No Contact	No Contact	N/A	0	0	0	Left in Place	None	Doesn't match data. Initial value: 1mv
UXO10-00086	90.08	9/29/2011	287796.4	3837145.23	Non-MPPEH Debris	Scrap	N/A	1	18	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS
UXO10-00087	88.35	9/29/2011	287796.17	3837176.36	Non-MPPEH Debris	Scrap	N/A	1	6	10	Scrap Bin	None	
UXO10-00088	87.4	9/27/2011	287706.91	3837193.86	Non-MPPEH Debris	Scrap	N/A	1	2	2	Scrap Bin	None	
UXO10-00089	87.05	9/29/2011	287795.87	3837153.77	Non-MPPEH Debris	Scrap	N/A	1	2	5	Scrap Bin	None	
UXO10-00090	86.88	9/28/2011	287738.91	3837140.54	Non-MPPEH Debris	Scrap	N/A	1	3	0.25	Scrap Bin	None	
UXO10-00091	86.3	9/28/2011	287759.33	3837213.79	No Contact	No Contact	N/A	0	0	0	Left in Place	None	Doesn't match data. Initial value: 1mv
UXO10-00092	85.29	9/27/2011	287678.6	3837161.82	TBD	TBD	Greater than 2 ft	0	24	0	Left in Place	None	
UXO10-00093	85.23	9/27/2011	287716.09	3837215.29	Non-MPPEH Debris	Scrap	N/A	1	4	5	Scrap Bin	None	
UXO10-00094	85.12	9/28/2011	287760.53	3837218.11	Non-MPPEH Debris	Scrap	N/A	1	4	0.25	Scrap Bin	None	
UXO10-00095	84.7	9/29/2011	287700.05	3837138.06	Non-MPPEH Debris	Scrap	N/A	1	3	0.25	Scrap Bin	None	
UXO10-00096	83.07	9/29/2011	287791.93	3837150.06	Non-MPPEH Debris	Scrap	N/A	1	8	0.25	Scrap Bin	None	
UXO10-00097	82.03	9/29/2011	287800.62	3837163.33	Non-MPPEH Debris	Scrap	N/A	1	3	0.25	Scrap Bin	None	
UXO10-00098	80.9	9/29/2011	287794.98	3837146.71	Non-MPPEH Debris	Scrap	N/A	1	20	4	Left in Place	None	Trash pit left in place on authority of UXOQCS
UXO10-00099	80.74	9/29/2011	287680.49	3837159.51	Non-MPPEH Debris	Scrap	N/A	1	16	3.5	Scrap Bin	None	
UXO10-00100	79.18	9/27/2011	287679.1	3837131.04	Non-MPPEH Debris	Scrap	N/A	12	6	0.5	Scrap Bin	None	
UXO10-00101	77.92	9/27/2011	287681.22	3837166	Non-MPPEH Debris	Scrap	N/A	18	6	0.5	Scrap Bin	None	
UXO10-00102	77.54	9/29/2011	287761.76	3837222.84	Non-MPPEH Debris	Scrap	N/A	3	6	0.1	Scrap Bin	None	
UXO10-00103	77.16	9/29/2011	287747.79	3837123.07	MPPEH	Rocket	M29A2, Rocket, 3.5 Inch Practice	1	3	3.5	Consolidation Point	Demil	Cracked open warhead only w/o fuzing
UXO10-00104	76.97	9/27/2011	287696.85	3837156.7	Non-MPPEH Debris	Scrap	N/A	12	4	0.5	Scrap Bin	None	
UXO10-00105	76.91	9/27/2011	287710.91	3837222.31	Non-MPPEH Debris	Scrap	N/A	13	1	1.75	Scrap Bin	None	
UXO10-00106	76.31	9/29/2011	287755.17	3837138.02	Non-MPPEH Debris	Scrap	N/A	1	1	0.25	Scrap Bin	None	
UXO10-00107	74.44	9/28/2011	287680.91	3837181.15	Non-MPPEH Debris	Scrap	N/A	6	0	1	Scrap Bin	None	
UXO10-00108	74.39	9/27/2011	287722.54	3837143.38	Non-MPPEH Debris	Scrap	N/A	6	3	1.3	Scrap Bin	None	
UXO10-00109	74.25	9/29/2011	287807.07	3837111.39	Non-MPPEH Debris	Scrap	N/A	1	1	0.25	Scrap Bin	None	
UXO10-00110	73.88	9/27/2011	287676.85	3837208.44	Non-MPPEH Debris	Scrap	N/A	2	0	1.5	Scrap Bin	None	

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-00111	73.42	9/29/2011	287704.07	3837156.41	Facility Resource	Facility Resource	Stake	1	0	20	Left in Place	None	Aluminum sign, near roadway
UXO10-00112	72.06	9/29/2011	287776.65	3837167.06	Non-MPPEH Debris	Scrap	N/A	1	1	0.25	Scrap Bin	None	
UXO10-00113	71.27	9/27/2011	287672.39	3837183.25	Non-MPPEH Debris	Scrap	N/A	5	1	2	Scrap Bin	None	
UXO10-00114	70.78	9/27/2011	287675.62	3837201.88	Non-MPPEH Debris	Scrap	N/A	5	0	1	Scrap Bin	None	
UXO10-00115	69.79	9/27/2011	287736.14	3837121.21	Non-MPPEH Debris	Scrap	N/A	3	12	4	Scrap Bin	None	
UXO10-00116	69.62	9/27/2011	287671.47	3837176.58	Non-MPPEH Debris	Scrap	N/A	6	1	1.25	Scrap Bin	None	
UXO10-00117	69.52	9/28/2011	287689.87	3837149.14	Non-MPPEH Debris	Scrap	N/A	2	7	3	Scrap Bin	None	
UXO10-00118	68.48	9/27/2011	287703.63	3837126.71	Non-MPPEH Debris	Scrap	N/A	8	6	0.5	Scrap Bin	None	
UXO10-00119	67.97	9/28/2011	287749.63	3837160.84	Non-MPPEH Debris	Scrap	N/A	1	16	4.5	Scrap Bin	None	
UXO10-00120	67.57	9/29/2011	287670.47	3837170.25	Non-MPPEH Debris	Scrap	N/A	1	2	0.25	Scrap Bin	None	
UXO10-00121	67.53	9/29/2011	287783.57	3837114.31	Non-MPPEH Debris	Scrap	N/A	1	12	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS
UXO10-00122	67.1	9/29/2011	287801.34	3837110.14	Non-MPPEH Debris	Scrap	N/A	1	1	0.25	Scrap Bin	None	
UXO10-00123	66.79	9/27/2011	287673.73	3837189.35	Non-MPPEH Debris	Scrap	N/A	9	1	0.8	Scrap Bin	None	
UXO10-00124	66.4	9/29/2011	287807.06	3837141.34	Non-MPPEH Debris	Scrap	N/A	1	3	0.25	Scrap Bin	None	
UXO10-00125	65.91	9/27/2011	287764.6	3837150.37	Non-MPPEH Debris	Scrap	N/A	6	4	1.5	Scrap Bin	None	
UXO10-00126	65.39	9/27/2011	287711.53	3837125.6	Non-MPPEH Debris	Scrap	N/A	3	8	1.75	Scrap Bin	None	
UXO10-00127	65.09	9/27/2011	287727.89	3837122.71	Non-MPPEH Debris	Scrap	N/A	12	1	1.5	Scrap Bin	None	
UXO10-00128	65	9/27/2011	287695.33	3837128.3	Non-MPPEH Debris	Scrap	N/A	6	10	2.5	Scrap Bin	None	
UXO10-00129	64.93	9/27/2011	287730.72	3837141.83	Non-MPPEH Debris	Scrap	N/A	4	5	2	Scrap Bin	None	
UXO10-00130	64.48	9/29/2011	287782.75	3837153	Non-MPPEH Debris	Scrap	N/A	1	18	0	Left in Place	None	Trash pit left in place on authority of UXOQCS
UXO10-00131	63.75	9/29/2011	287801.14	3837139.99	Non-MPPEH Debris	Scrap	N/A	1	14	2	Scrap Bin	None	
UXO10-00132	63.74	9/27/2011	287706.01	3837146.33	Non-MPPEH Debris	Scrap	N/A	10	3	1.25	Scrap Bin	None	
UXO10-00133	63.54	9/29/2011	287776.76	3837114.39	No Contact	No Contact	N/A	0	0	0	Left in Place	None	Contact under asphalt roadway
UXO10-00134	63.23	9/29/2011	287807.21	3837118.57	Non-MPPEH Debris	Scrap	N/A	1	1	0.5	Scrap Bin	None	
UXO10-00135	62.29	9/29/2011	287770.74	3837166.2	Non-MPPEH Debris	Scrap	N/A	1	2	0.25	Scrap Bin	None	
UXO10-00136	62.1	9/27/2011	287697.86	3837140.68	Non-MPPEH Debris	Scrap	N/A	1	12	5	Scrap Bin	None	
UXO10-00137	62.02	9/29/2011	287807.05	3837156.35	Non-MPPEH Debris	Scrap	N/A	1	1	0.25	Scrap Bin	None	
UXO10-00138	61.45	9/29/2011	287760.43	3837117.21	Non-MPPEH Debris	Scrap	N/A	1	3	0.5	Scrap Bin	None	
UXO10-00139	61.3	9/27/2011	287687.27	3837129.54	Non-MPPEH Debris	Scrap	N/A	1	0	0.5	Scrap Bin	None	
UXO10-00140	61.27	9/29/2011	287807.11	3837133.83	Non-MPPEH Debris	Scrap	N/A	1	1	0.25	Scrap Bin	None	
UXO10-00141	61.21	9/27/2011	287665.05	3837138.83	Non-MPPEH Debris	Scrap	N/A	4	8	0.5	Scrap Bin	None	
UXO10-00142	60.74	9/29/2011	287793.03	3837111.64	Non-MPPEH Debris	Scrap	N/A	1	1	0.25	Scrap Bin	None	
UXO10-00143	60.73	9/28/2011	287681.72	3837188.52	Non-MPPEH Debris	Scrap	N/A	4	12	2.5	Scrap Bin	None	
UXO10-00144	60.46	9/29/2011	287766.6	3837162.98	Non-MPPEH Debris	Scrap	N/A	1	1	0.25	Scrap Bin	None	
UXO10-00145	60.37	9/29/2011	287752.37	3837118.42	Non-MPPEH Debris	Scrap	N/A	2	1	0.25	Scrap Bin	None	
UXO10-00146	60.11	9/29/2011	287806.94	3837174.6	Non-MPPEH Debris	Scrap	N/A	1	2	0.25	Scrap Bin	None	
UXO10-00147	59.62	9/29/2011	287807.23	3837148.75	Non-MPPEH Debris	Scrap	N/A	1	2	0.25	Scrap Bin	None	
UXO10-00148	59.14	9/27/2011	287684.75	3837222.23	Non-MPPEH Debris	Scrap	N/A	6	2	1	Scrap Bin	None	
UXO10-00149	58.84	9/28/2011	287681.88	3837150.56	Non-MPPEH Debris	Scrap	N/A	2	7	2.5	Scrap Bin	None	
UXO10-00150	58.22	9/29/2011	287788.45	3837131.71	Non-MPPEH Debris	Scrap	N/A	1	8	7.5	Scrap Bin	None	
UXO10-00151	57.56	9/27/2011	287678.07	3837214.79	Non-MPPEH Debris	Scrap	N/A	2	0	1	Scrap Bin	None	
UXO10-00152	56.57	9/27/2011	287719.75	3837124.05	Non-MPPEH Debris	Scrap	N/A	3	2	1.5	Scrap Bin	None	
UXO10-00153	56.39	9/27/2011	287744.09	3837119.92	Non-MPPEH Debris	Scrap	N/A	5	2	1	Scrap Bin	None	
UXO10-00154	56.08	9/29/2011	287806.7	3837126.21	Non-MPPEH Debris	Scrap	N/A	1	1	0.25	Scrap Bin	None	
UXO10-00155	55.86	9/29/2011	287770.23	3837166.77	Non-MPPEH Debris	Scrap	N/A	5	8	0.5	Scrap Bin	None	
UXO10-00156	52.72	9/29/2011	287785.07	3837135.43	Non-MPPEH Debris	Scrap	N/A	1	8	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS
UXO10-00157	50.51	9/29/2011	287747.9	3837130.63	Non-MPPEH Debris	Scrap	N/A	1	7	1	Scrap Bin	None	
UXO10-00158	49.88	9/29/2011	287760.13	3837220.77	Non-MPPEH Debris	Scrap	N/A	1	4	1	Scrap Bin	None	
UXO10-00159	49.71	9/29/2011	287778.67	3837179.1	Non-MPPEH Debris	Scrap	N/A	1	8	2	Scrap Bin	None	
UXO10-00160	48.77	9/29/2011	287783.24	3837178.42	Non-MPPEH Debris	Scrap	N/A	3	3	0.5	Scrap Bin	None	
UXO10-00161	48.46	9/29/2011	287669.24	3837142.17	Non-MPPEH Debris	Scrap	N/A	1	5	1	Scrap Bin	None	
UXO10-00162	48.36	9/27/2011	287699.26	3837191.14	Non-MPPEH Debris	Scrap	N/A	2	4	2	Scrap Bin	None	
UXO10-00163	48.3	9/29/2011	287786.25	3837156.19	Non-MPPEH Debris	Scrap	N/A	1	6	1	Scrap Bin	None	
UXO10-00164	48.02	9/27/2011	287683.11	3837193.43	Facility Resource	Facility Resource	Utility	1	24	0	Left in Place	None	Hit over buried utility
UXO10-00165	47.34	9/29/2011	287747.84	3837152.58	Non-MPPEH Debris	Scrap	N/A	1	5	1.75	Scrap Bin	None	

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-00166	46.6	9/29/2011	287790.4	3837144.76	Non-MPPEH Debris	Scrap	N/A	1	10	10	Scrap Bin	None	
UXO10-00167	46.05	9/29/2011	287805.57	3837158.14	QC	QC Seed	QC Seed	1	2	0.25	Consolidation Point	None	Sutvey nail
UXO10-00168	45.88	9/28/2011	287783.47	3837121.84	No Contact	No Contact	N/A	0	0	0	Left in Place	None	Doesn't match dataa. Initial value: 1mv
UXO10-00169	45.43	9/29/2011	287768.48	3837160.81	Non-MPPEH Debris	Scrap	N/A	1	6	4	Scrap Bin	None	
UXO10-00170	44.52	9/29/2011	287784.96	3837112.77	Non-MPPEH Debris	Scrap	N/A	1	1	0.25	Scrap Bin	None	
UXO10-00171	43.81	9/27/2011	287707.2	3837145.19	Non-MPPEH Debris	Scrap	N/A	13	2	1.5	Scrap Bin	None	
UXO10-00172	42.98	9/28/2011	287680.93	3837211.38	Non-MPPEH Debris	Scrap	N/A	1	10	6	Scrap Bin	None	
UXO10-00173	39.73	9/29/2011	287754.87	3837179.61	Facility Resource	Facility Resource	Utility	1	18	0	Left in Place	None	Hit over buried utility
UXO10-00174	37.98	9/29/2011	287773.98	3837124.67	Non-MPPEH Debris	Scrap	N/A	1	1	2	Scrap Bin	None	
UXO10-00175	37.96	9/29/2011	287772.61	3837156.48	Non-MPPEH Debris	Scrap	N/A	1	6	3	Scrap Bin	None	
UXO10-00176	37.63	9/29/2011	287758.22	3837208.1	Non-MPPEH Debris	Scrap	N/A	2	5	0.5	Scrap Bin	None	
UXO10-00177	37.4	9/29/2011	287674.16	3837151.28	Non-MPPEH Debris	Scrap	N/A	1	10	4	Scrap Bin	None	
UXO10-00178	37.21	9/29/2011	287794.73	3837176.64	Non-MPPEH Debris	Scrap	N/A	1	8	3.5	Scrap Bin	None	
UXO10-00179	37.06	9/29/2011	287800.3	3837133.92	Non-MPPEH Debris	Scrap	N/A	1	10	7	Scrap Bin	None	
UXO10-00180	36.9	9/29/2011	287784.76	3837157.78	Non-MPPEH Debris	Scrap	N/A	1	12	8	Scrap Bin	None	
UXO10-00181	36.75	9/29/2011	287750.07	3837165.13	Non-MPPEH Debris	Scrap	N/A	1	6	1.5	Scrap Bin	None	
UXO10-00182	36.47	9/27/2011	287713.3	3837199.06	Non-MPPEH Debris	Scrap	N/A	7	8	1.5	Scrap Bin	None	
UXO10-00183	36.25	9/29/2011	287694.29	3837159.6	Non-MPPEH Debris	Scrap	N/A	2	7	1.25	Scrap Bin	None	
UXO10-00184	36.16	9/29/2011	287672.53	3837145.09	Non-MPPEH Debris	Scrap	N/A	1	14	3	Scrap Bin	None	
UXO10-00185	35.38	9/27/2011	287771.36	3837150.3	Non-MPPEH Debris	Scrap	N/A	6	4	0.5	Scrap Bin	None	
UXO10-00186	35.14	9/27/2011	287695.83	3837134.69	Non-MPPEH Debris	Scrap	N/A	3	2	0.5	Scrap Bin	None	
UXO10-00187	35.03	9/29/2011	287769.47	3837144.84	Non-MPPEH Debris	Scrap	N/A	1	8	3	Scrap Bin	None	
UXO10-00188	34.61	9/29/2011	287800.06	3837141.16	Non-MPPEH Debris	Scrap	N/A	1	4	1	Scrap Bin	None	
UXO10-00189	34.48	9/27/2011	287707.07	3837175.67	Non-MPPEH Debris	Scrap	N/A	6	4	1	Scrap Bin	None	
UXO10-00190	34.33	9/27/2011	287676.91	3837170.63	Non-MPPEH Debris	Scrap	N/A	6	3	0.5	Scrap Bin	None	
UXO10-00191	33.32	9/27/2011	287670.32	3837162.34	TBD	TBD	Greater than 2 ft	0	24	0	Left in Place	None	
UXO10-00192	33.01	9/27/2011	287670	3837133.12	Non-MPPEH Debris	Scrap	N/A	1	2	4	Scrap Bin	None	
UXO10-00193	32.74	9/27/2011	287704.26	3837170.56	Non-MPPEH Debris	Scrap	N/A	3	4	2	Scrap Bin	None	
UXO10-00194	31.94	9/28/2011	287716.11	3837142.55	Non-MPPEH Debris	Scrap	N/A	1	12	6	Scrap Bin	None	
UXO10-00195	31.47	9/29/2011	287786.93	3837118.28	Non-MPPEH Debris	Scrap	N/A	1	2	1	Scrap Bin	None	
UXO10-00196	30.86	9/28/2011	287675.43	3837194.98	Non-MPPEH Debris	Scrap	N/A	3	6	2	Scrap Bin	None	
UXO10-00197	30.71	9/29/2011	287716.64	3837218.53	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00198	30.02	9/27/2011	287731.35	3837141	Non-MPPEH Debris	Scrap	N/A	6	4	1	Scrap Bin	None	
UXO10-00199	29.47	9/29/2011	287767	3837155.26	TBD	TBD	Greater than 2 ft	0	24	0	Left in Place	None	
UXO10-00200	28.46	9/29/2011	287668.49	3837143.02	Non-MPPEH Debris	Scrap	N/A	1	4	2	Scrap Bin	None	
UXO10-00201	27.84	9/29/2011	287716.93	3837219.63	Non-MPPEH Debris	Scrap	N/A	1	0	0.2	Scrap Bin	None	
UXO10-00202	27.47	9/27/2011	287705.88	3837176.94	Non-MPPEH Debris	Scrap	N/A	5	4	0.8	Scrap Bin	None	
UXO10-00203	27.24	9/29/2011	287803.51	3837130.39	Non-MPPEH Debris	Scrap	N/A	1	12	0.5	Scrap Bin	None	
UXO10-00204	26.52	9/29/2011	287777.83	3837179.21	Non-MPPEH Debris	Scrap	N/A	2	8	1	Scrap Bin	None	
UXO10-00205	26.26	9/29/2011	287803.7	3837137.23	Non-MPPEH Debris	Scrap	N/A	1	14	5	Scrap Bin	None	
UXO10-00206	24.84	9/27/2011	287679.03	3837206.3	Non-MPPEH Debris	Scrap	N/A	6	1	0.75	Scrap Bin	None	
UXO10-00207	24.61	9/29/2011	287757.85	3837205.44	Non-MPPEH Debris	Scrap	N/A	1	7	1.25	Scrap Bin	None	
UXO10-00208	24.46	9/29/2011	287769.31	3837152.71	Non-MPPEH Debris	Scrap	N/A	5	4	0.25	Scrap Bin	None	
UXO10-00209	24.19	9/28/2011	287669.85	3837163.4	Facility Resource	Facility Resource	Road	1	0	0	Left in Place	None	Contact in road, under asphalt
UXO10-00210	23.75	9/29/2011	287763.73	3837144.36	Non-MPPEH Debris	Scrap	N/A	1	10	1	Scrap Bin	None	
UXO10-00211	23.57	9/28/2011	287677.64	3837198.99	Non-MPPEH Debris	Scrap	N/A	4	13	2	Scrap Bin	None	
UXO10-00212	23.33	9/29/2011	287717.21	3837222.37	Non-MPPEH Debris	Scrap	N/A	5	10	0.5	Scrap Bin	None	
UXO10-00213	23.17	9/29/2011	287756.82	3837200	Non-MPPEH Debris	Scrap	N/A	1	6	1.2	Scrap Bin	None	
UXO10-00214	23.09	9/29/2011	287772.37	3837126.62	Non-MPPEH Debris	Scrap	N/A	1	5	1	Scrap Bin	None	
UXO10-00215	23.09	9/27/2011	287715.38	3837210.79	Non-MPPEH Debris	Scrap	N/A	5	1	0.25	Scrap Bin	None	
UXO10-00216	23.06	9/27/2011	287704.57	3837178.41	Non-MPPEH Debris	Scrap	N/A	10	8	1	Scrap Bin	None	
UXO10-00217	22.94	9/27/2011	287707.14	3837130.69	Non-MPPEH Debris	Scrap	N/A	5	18	2	Scrap Bin	None	
UXO10-00218	22.8	9/27/2011	287700.02	3837145.06	Non-MPPEH Debris	Scrap	N/A	4	10	0.5	Scrap Bin	None	
UXO10-00219	21.74	9/29/2011	287771.75	3837157.46	Non-MPPEH Debris	Scrap	N/A	1	5	0.5	Scrap Bin	None	
UXO10-00220	21.73	9/29/2011	287703.78	3837179.28	Non-MPPEH Debris	Scrap	N/A	1	4	0.5	Scrap Bin	None	

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-00221	21.6	9/29/2011	287685.96	3837220.99	Non-MPPEH Debris	Scrap	N/A	1	6	0.25	Scrap Bin	None	
UXO10-00222	21.45	9/28/2011	287683.81	3837208.85	Non-MPPEH Debris	Scrap	N/A	3	12	1.5	Scrap Bin	None	
UXO10-00223	20.86	9/28/2011	287690.83	3837163.15	Non-MPPEH Debris	Scrap	N/A	2	10	1.5	Scrap Bin	None	
UXO10-00224	20.8	9/27/2011	287723.81	3837142.01	Non-MPPEH Debris	Scrap	N/A	1	1	1	Scrap Bin	None	
UXO10-00225	20.77	9/29/2011	287766.55	3837156.03	Non-MPPEH Debris	Scrap	N/A	1	4	0.2	Scrap Bin	None	
UXO10-00226	20.48	9/29/2011	287804.13	3837129.71	Non-MPPEH Debris	Scrap	N/A	1	8	0.75	Scrap Bin	None	
UXO10-00227	20.32	9/29/2011	287759.83	3837207.48	Non-MPPEH Debris	Scrap	N/A	1	4	0.25	Scrap Bin	None	
UXO10-00228	20.22	9/29/2011	287670.44	3837147.64	Non-MPPEH Debris	Scrap	N/A	1	5	0.25	Scrap Bin	None	
UXO10-00229	20.06	9/29/2011	287692.06	3837161.97	Non-MPPEH Debris	Scrap	N/A	1	4	0.3	Scrap Bin	None	
UXO10-00230	20.03	9/27/2011	287697.91	3837177.51	Non-MPPEH Debris	Scrap	N/A	5	8	1.5	Scrap Bin	None	
UXO10-00231	19.94	9/29/2011	287801.41	3837132.63	Non-MPPEH Debris	Scrap	N/A	1	6	0.5	Scrap Bin	None	
UXO10-00232	18.66	9/29/2011	287775.21	3837161.24	Non-MPPEH Debris	Scrap	N/A	1	4	0.5	Scrap Bin	None	
UXO10-00233	18.08	9/27/2011	287716.6	3837142	Non-MPPEH Debris	Scrap	N/A	2	5	0.5	Scrap Bin	None	
UXO10-00234	18.04	9/29/2011	287746.62	3837132.19	Non-MPPEH Debris	Scrap	N/A	1	5	0.5	Scrap Bin	None	
UXO10-00235	17.83	9/29/2011	287786.66	3837133.66	Non-MPPEH Debris	Scrap	N/A	1	2	0.75	Scrap Bin	None	
UXO10-00236	17.76	9/29/2011	287806.05	3837127.5	Non-MPPEH Debris	Scrap	N/A	1	6	0.75	Scrap Bin	None	
UXO10-00237	17.62	9/27/2011	287715.6	3837212.3	Non-MPPEH Debris	Scrap	N/A	1	2	0.25	Scrap Bin	None	
UXO10-00238	17.6	9/29/2011	287779.12	3837119.12	Non-MPPEH Debris	Scrap	N/A	1	6	5	Scrap Bin	None	
UXO10-00239	17.19	9/27/2011	287709.58	3837209.77	Non-MPPEH Debris	Scrap	N/A	1	4	2	Scrap Bin	None	
UXO10-00240	16.91	9/29/2011	287763.81	3837128.82	Non-MPPEH Debris	Scrap	N/A	1	2	0.3	Scrap Bin	None	
UXO10-00241	16.84	9/28/2011	287703.24	3837179.88	Non-MPPEH Debris	Scrap	N/A	1	6	2.2	Scrap Bin	None	
UXO10-00242	16.63	9/27/2011	287675.94	3837171.61	Non-MPPEH Debris	Scrap	N/A	5	3	0.5	Scrap Bin	None	
UXO10-00243	16.42	9/27/2011	287706.25	3837161.45	Non-MPPEH Debris	Scrap	N/A	2	1	1	Scrap Bin	None	
UXO10-00244	16.29	9/29/2011	287740.84	3837138.4	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00245	15.98	9/27/2011	287731.85	3837140.34	Non-MPPEH Debris	Scrap	N/A	8	3	0.8	Scrap Bin	None	
UXO10-00246	15.9	9/27/2011	287698.57	3837185.06	Non-MPPEH Debris	Scrap	N/A	1	3	0.5	Scrap Bin	None	
UXO10-00247	15.79	9/27/2011	287708.44	3837143.97	Non-MPPEH Debris	Scrap	N/A	1	2	0.5	Scrap Bin	None	
UXO10-00248	15.79	9/29/2011	287739.63	3837139.75	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-00249	15.73	9/28/2011	287682.89	3837209.8	Non-MPPEH Debris	Scrap	N/A	2	4	1.25	Scrap Bin	None	
UXO10-00250	15.49	9/29/2011	287804.72	3837143.99	Non-MPPEH Debris	Scrap	N/A	1	6	0.2	Scrap Bin	None	
UXO10-00251	15.42	9/27/2011	287700.18	3837190.01	Non-MPPEH Debris	Scrap	N/A	1	3	1	Scrap Bin	None	
UXO10-00252	15.42	9/28/2011	287702.59	3837180.55	Non-MPPEH Debris	Scrap	N/A	1	4	1.5	Scrap Bin	None	
UXO10-00253	14.53	9/27/2011	287682.85	3837201.54	Non-MPPEH Debris	Scrap	N/A	5	1	0.5	Scrap Bin	None	
UXO10-00254	14.28	9/29/2011	287805.75	3837135.01	Non-MPPEH Debris	Scrap	N/A	1	10	3	Scrap Bin	None	
UXO10-00255	14.11	9/28/2011	287798.92	3837112.49	Non-MPPEH Debris	Scrap	N/A	5	5	1.5	Scrap Bin	None	
UXO10-00256	13.81	9/29/2011	287799.78	3837175.77	Non-MPPEH Debris	Scrap	N/A	3	10	1	Scrap Bin	None	
UXO10-00257	13.68	9/28/2011	287752.31	3837163.42	Non-MPPEH Debris	Scrap	N/A	2	6	0.75	Scrap Bin	None	
UXO10-00258	13.61	9/29/2011	287804.34	3837136.48	TBD	TBD	Greater than 2 ft	0	24	0	Left in Place	None	
UXO10-00259	13.41	9/27/2011	287676.87	3837133.56	Non-MPPEH Debris	Scrap	N/A	5	12	2	Scrap Bin	None	
UXO10-00260	12.85	9/27/2011	287701.85	3837128.53	Non-MPPEH Debris	Scrap	N/A	1	6	1	Scrap Bin	None	
UXO10-00261	12.76	9/29/2011	287782.83	3837137.8	Non-MPPEH Debris	Scrap	N/A	3	12	5	Scrap Bin	None	
UXO10-00262	12.56	9/29/2011	287666.39	3837136.91	Non-MPPEH Debris	Scrap	N/A	1	4	0.25	Scrap Bin	None	
UXO10-00263	12.52	9/29/2011	287806.22	3837157.37	Non-MPPEH Debris	Scrap	N/A	1	4	1	Scrap Bin	None	
UXO10-00264	12.42	9/27/2011	287673.61	3837182.17	Non-MPPEH Debris	Scrap	N/A	1	5	0.25	Scrap Bin	None	
UXO10-00265	12.33	9/29/2011	287798.58	3837157.87	Non-MPPEH Debris	Scrap	N/A	1	5	0.25	Scrap Bin	None	
UXO10-00266	12.03	9/28/2011	287700.1	3837160.09	Non-MPPEH Debris	Scrap	N/A	1	16	2	Scrap Bin	None	
UXO10-00267	12.01	9/28/2011	287757.54	3837204.08	Non-MPPEH Debris	Scrap	N/A	4	8	0.75	Scrap Bin	None	
UXO10-00268	12	9/28/2011	287676.49	3837194.29	Small Arms	Small Arms	Expended Cartridge Cases (Various Calibers)	1	13	1.4	Consolidation Point	Demil	
UXO10-00269	11.98	9/28/2011	287707.78	3837197.39	Non-MPPEH Debris	Scrap	N/A	3	8	0.75	Scrap Bin	None	
UXO10-00270	11.9	9/28/2011	287680.66	3837212.03	Non-MPPEH Debris	Scrap	N/A	2	4	1.2	Scrap Bin	None	
UXO10-00271	11.58	9/28/2011	287675.44	3837187.34	Non-MPPEH Debris	Scrap	N/A	3	6	0.75	Scrap Bin	None	
UXO10-00272	11.42	9/28/2011	287684.11	3837185.95	Non-MPPEH Debris	Scrap	N/A	1	17	2.5	Scrap Bin	None	
UXO10-00273	11.32	9/29/2011	287765	3837142.99	Non-MPPEH Debris	Scrap	N/A	1	10	1.5	Scrap Bin	None	
UXO10-00274	11.01	9/28/2011	287707.89	3837198.21	Non-MPPEH Debris	Scrap	N/A	1	3	0.25	Scrap Bin	None	
UXO10-00275	10.85	9/28/2011	287678.81	3837183.68	Non-MPPEH Debris	Scrap	N/A	1	3	1	Scrap Bin	None	

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-00276	10.77	9/29/2011	287783.43	3837159.23	Non-MPPEH Debris	Scrap	N/A	1	4	0.5	Scrap Bin	None	
UXO10-00277	10.6	9/29/2011	287744.59	3837134.39	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00278	10.54	9/29/2011	287796.82	3837130.03	Non-MPPEH Debris	Scrap	N/A	3	5	0.1	Scrap Bin	None	
UXO10-00279	10.48	9/27/2011	287725.43	3837132.44	Non-MPPEH Debris	Scrap	N/A	6	5	0.5	Scrap Bin	None	
UXO10-00280	10.45	9/27/2011	287672.15	3837175.79	Non-MPPEH Debris	Scrap	N/A	1	2	0.25	Scrap Bin	None	
UXO10-00281	10.13	9/28/2011	287674.45	3837181.51	Non-MPPEH Debris	Scrap	N/A	1	3	0.75	Scrap Bin	None	
UXO10-00282	9.95	9/29/2011	287764.3	3837135.37	Non-MPPEH Debris	Scrap	N/A	1	3	1	Scrap Bin	None	
UXO10-00283	9.84	9/27/2011	287677.96	3837185.16	Non-MPPEH Debris	Scrap	N/A	1	3	0.2	Scrap Bin	None	
UXO10-00284	9.7	9/28/2011	287673.19	3837175.02	Non-MPPEH Debris	Scrap	N/A	1	3	1	Scrap Bin	None	
UXO10-00285	9.68	9/27/2011	287702.41	3837127.99	Non-MPPEH Debris	Scrap	N/A	1	8	1	Scrap Bin	None	
UXO10-00286	9.64	9/27/2011	287701.11	3837167.2	Non-MPPEH Debris	Scrap	N/A	1	2	0.5	Scrap Bin	None	
UXO10-00287	9.57	9/29/2011	287792.89	3837176.87	Non-MPPEH Debris	Scrap	N/A	1	4	0.5	Scrap Bin	None	
UXO10-00288	9.49	9/27/2011	287684.29	3837140.33	Non-MPPEH Debris	Scrap	N/A	1	3	1	Scrap Bin	None	
UXO10-00289	9.42	9/27/2011	287710.45	3837216.88	Non-MPPEH Debris	Scrap	N/A	1	3	0.3	Scrap Bin	None	
UXO10-00290	9.36	9/28/2011	287754.43	3837175.73	Non-MPPEH Debris	Scrap	N/A	1	4	0.25	Scrap Bin	None	
UXO10-00291	9.29	9/28/2011	287733.46	3837131.09	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-00292	9.26	9/27/2011	287680.64	3837219.4	Non-MPPEH Debris	Scrap	N/A	1	5	0.5	Scrap Bin	None	
UXO10-00293	9.24	9/29/2011	287802.43	3837138.63	Non-MPPEH Debris	Scrap	N/A	3	2	0.25	Scrap Bin	None	
UXO10-00294	9.21	9/28/2011	287758.18	3837126.54	Non-MPPEH Debris	Scrap	N/A	1	6	3	Scrap Bin	None	
UXO10-00295	9.15	9/28/2011	287681.39	3837210.67	Non-MPPEH Debris	Scrap	N/A	1	0	0.25	Scrap Bin	None	
UXO10-00296	8.88	9/27/2011	287694.02	3837166.65	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-00297	8.81	9/27/2011	287701.81	3837136.37	Non-MPPEH Debris	Scrap	N/A	2	12	1	Scrap Bin	None	
UXO10-00298	8.8	9/29/2011	287795.87	3837131.05	Non-MPPEH Debris	Scrap	N/A	1	10	0.75	Scrap Bin	None	
UXO10-00299	8.79	9/29/2011	287687.38	3837159.46	Non-MPPEH Debris	Scrap	N/A	1	7	0.75	Scrap Bin	None	
UXO10-00300	8.71	9/28/2011	287676.44	3837186.64	Non-MPPEH Debris	Scrap	N/A	1	0	0.5	Scrap Bin	None	
UXO10-00301	8.53	9/28/2011	287679.94	3837213.34	Non-MPPEH Debris	Scrap	N/A	2	4	0.5	Scrap Bin	None	
UXO10-00302	8.52	9/28/2011	287757.58	3837127.39	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00303	8.49	9/27/2011	287708.96	3837180.56	Non-MPPEH Debris	Scrap	N/A	1	3	0.5	Scrap Bin	None	
UXO10-00304	8.44	9/28/2011	287681.98	3837210.3	Non-MPPEH Debris	Scrap	N/A	1	4	0.75	Scrap Bin	None	
UXO10-00305	8.29	9/27/2011	287681.47	3837218.86	Non-MPPEH Debris	Scrap	N/A	3	4	0.5	Scrap Bin	None	
UXO10-00306	8.29	9/28/2011	287758.52	3837198.88	Non-MPPEH Debris	Scrap	N/A	1	5	1	Scrap Bin	None	
UXO10-00307	8.26	9/29/2011	287791.31	3837177.1	Non-MPPEH Debris	Scrap	N/A	2	4	0.1	Scrap Bin	None	
UXO10-00308	8.19	9/27/2011	287680.01	3837205.21	Non-MPPEH Debris	Scrap	N/A	1	1	0.2	Scrap Bin	None	
UXO10-00309	8.15	9/29/2011	287794.91	3837132.01	Non-MPPEH Debris	Scrap	N/A	1	6	0.5	Scrap Bin	None	
UXO10-00310	8.11	9/29/2011	287781.99	3837130.81	Non-MPPEH Debris	Scrap	N/A	1	8	0.5	Scrap Bin	None	
UXO10-00311	7.98	9/27/2011	287718.65	3837140.02	Non-MPPEH Debris	Scrap	N/A	1	3	0.25	Scrap Bin	None	
UXO10-00312	7.95	9/28/2011	287756.57	3837121.5	Non-MPPEH Debris	Scrap	N/A	1	4	0.1	Scrap Bin	None	
UXO10-00313	7.92	9/29/2011	287767.07	3837147.36	Non-MPPEH Debris	Scrap	N/A	1	8	0.5	Scrap Bin	None	
UXO10-00314	7.7	9/28/2011	287679.25	3837213.7	Non-MPPEH Debris	Scrap	N/A	1	1	0.5	Scrap Bin	None	
UXO10-00315	7.68	9/29/2011	287773.83	3837155.14	Non-MPPEH Debris	Scrap	N/A	1	7	0.3	Scrap Bin	None	
UXO10-00316	7.58	9/28/2011	287676.28	3837178.93	Non-MPPEH Debris	Scrap	N/A	3	13	1.25	Scrap Bin	None	
UXO10-00317	7.55	9/27/2011	287709.26	3837128.37	Non-MPPEH Debris	Scrap	N/A	1	8	1	Scrap Bin	None	
UXO10-00318	7.51	9/27/2011	287683.74	3837148.12	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-00319	7.48	9/28/2011	287686.5	3837167.97	Non-MPPEH Debris	Scrap	N/A	1	4	0.25	Scrap Bin	None	
UXO10-00320	7.44	9/28/2011	287680.39	3837212.84	Non-MPPEH Debris	Scrap	N/A	1	4	0.5	Scrap Bin	None	
UXO10-00321	7.43	9/27/2011	287684.67	3837214.26	Non-MPPEH Debris	Scrap	N/A	1	2	0.5	Scrap Bin	None	
UXO10-00322	7.29	9/28/2011	287671.48	3837169.3	Non-MPPEH Debris	Scrap	N/A	1	3	0.25	Scrap Bin	None	
UXO10-00323	7.21	9/27/2011	287711.1	3837141.38	Non-MPPEH Debris	Scrap	N/A	1	0	0.3	Scrap Bin	None	
UXO10-00324	7.14	9/27/2011	287677.64	3837139.56	Non-MPPEH Debris	Scrap	N/A	1	3	1	Scrap Bin	None	
UXO10-00325	7.1	9/28/2011	287790.92	3837114.14	Non-MPPEH Debris	Scrap	N/A	1	4	0.25	Scrap Bin	None	
UXO10-00326	7.09	9/29/2011	287790.27	3837129.43	Non-MPPEH Debris	Scrap	N/A	1	7	0.75	Scrap Bin	None	
UXO10-00327	6.96	9/28/2011	287734.19	3837130.6	Non-MPPEH Debris	Scrap	N/A	1	2	0.5	Scrap Bin	None	
UXO10-00328	6.93	9/28/2011	287674.46	3837173.51	Non-MPPEH Debris	Scrap	N/A	1	3	0.5	Scrap Bin	None	
UXO10-00329	6.88	9/28/2011	287687.3	3837167.08	Non-MPPEH Debris	Scrap	N/A	1	1	0.3	Scrap Bin	None	
UXO10-00330	6.87	9/27/2011	287685.42	3837191.03	Non-MPPEH Debris	Scrap	N/A	1	6	1	Scrap Bin	None	

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-00331	6.86	9/28/2011	287767.41	3837116.88	Non-MPPEH Debris	Scrap	N/A	1	4	0.2	Scrap Bin	None	
UXO10-00332	6.86	9/29/2011	287671.53	3837146.01	Non-MPPEH Debris	Scrap	N/A	1	4	0.25	Scrap Bin	None	
UXO10-00333	6.81	9/29/2011	287761.37	3837131.46	Non-MPPEH Debris	Scrap	N/A	1	4	0.25	Scrap Bin	None	
UXO10-00334	6.63	9/27/2011	287684.98	3837131.89	Non-MPPEH Debris	Scrap	N/A	1	1	0.5	Scrap Bin	None	
UXO10-00335	6.53	9/27/2011	287682.12	3837218.07	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-00336	6.51	9/28/2011	287773.54	3837118.31	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00337	6.5	9/27/2011	287683.58	3837178.23	Non-MPPEH Debris	Scrap	N/A	2	5	0.2	Scrap Bin	None	
UXO10-00338	6.42	9/29/2011	287796.58	3837160.11	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-00339	6.38	9/29/2011	287770.59	3837158.67	Non-MPPEH Debris	Scrap	N/A	1	8	0.1	Scrap Bin	None	
UXO10-00340	6.38	9/27/2011	287699.25	3837146.02	Non-MPPEH Debris	Scrap	N/A	1	8	0.25	Scrap Bin	None	
UXO10-00341	6.18	9/28/2011	287775.17	3837116.45	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-00342	6.16	9/29/2011	287741.52	3837137.73	Non-MPPEH Debris	Scrap	N/A	1	3	0.2	Scrap Bin	None	
UXO10-00343	6.1	9/27/2011	287677.73	3837207.32	Non-MPPEH Debris	Scrap	N/A	8	15	0.5	Scrap Bin	None	
UXO10-00344	5.99	9/27/2011	287695.97	3837179.65	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00345	5.95	9/29/2011	287778.11	3837158.16	Non-MPPEH Debris	Scrap	N/A	1	5	0.1	Scrap Bin	None	
UXO10-00346	5.9	9/27/2011	287674.43	3837188.51	Non-MPPEH Debris	Scrap	N/A	2	3	0.25	Scrap Bin	None	
UXO10-00347	5.85	9/27/2011	287681.79	3837202.76	Non-MPPEH Debris	Scrap	N/A	1	1	0.2	Scrap Bin	None	
UXO10-00348	5.81	9/29/2011	287803.13	3837145.73	Non-MPPEH Debris	Scrap	N/A	1	4	0.2	Scrap Bin	None	
UXO10-00349	5.62	9/29/2011	287801.79	3837175.49	Non-MPPEH Debris	Scrap	N/A	1	4	1	Scrap Bin	None	
UXO10-00350	5.6	9/28/2011	287673.85	3837174.4	Non-MPPEH Debris	Scrap	N/A	1	6	0.3	Scrap Bin	None	
UXO10-00351	5.54	9/27/2011	287705.37	3837162.47	Non-MPPEH Debris	Scrap	N/A	5	2	0.2	Scrap Bin	None	
UXO10-00352	5.53	9/27/2011	287687.6	3837188.46	Non-MPPEH Debris	Scrap	N/A	4	4	0.25	Scrap Bin	None	
UXO10-00353	5.52	9/28/2011	287693.47	3837167.22	Non-MPPEH Debris	Scrap	N/A	1	2	0.25	Scrap Bin	None	
UXO10-00354	5.51	9/28/2011	287675.23	3837172.74	Non-MPPEH Debris	Scrap	N/A	1	1	0.5	Scrap Bin	None	
UXO10-00355	5.37	9/27/2011	287697.02	3837178.53	Non-MPPEH Debris	Scrap	N/A	7	6	0.25	Scrap Bin	None	
UXO10-00356	5.31	9/29/2011	287791.62	3837143.28	Non-MPPEH Debris	Scrap	N/A	1	7	0.25	Scrap Bin	None	
UXO10-00357	5.27	9/28/2011	287701.75	3837181.39	Non-MPPEH Debris	Scrap	N/A	2	4	0.5	Scrap Bin	None	
UXO10-00358	5.19	9/27/2011	287700.43	3837174.51	Non-MPPEH Debris	Scrap	N/A	1	6	1	Scrap Bin	None	
UXO10-00359	5.18	9/28/2011	287753.62	3837170.62	Non-MPPEH Debris	Scrap	N/A	1	3	0.2	Scrap Bin	None	
UXO10-00360	5.16	9/27/2011	287709.38	3837208.15	Non-MPPEH Debris	Scrap	N/A	1	2	0.5	Scrap Bin	None	
UXO10-00361	5.12	9/27/2011	287691.81	3837132.52	Non-MPPEH Debris	Scrap	N/A	1	0	0.5	Scrap Bin	None	
UXO10-00362	5.07	9/28/2011	287699.2	3837160.99	Non-MPPEH Debris	Scrap	N/A	1	0	0.2	Scrap Bin	None	
UXO10-00363	5.04	9/28/2011	287675.63	3837134.91	Non-MPPEH Debris	Scrap	N/A	1	3	0.2	Scrap Bin	None	
UXO10-00364	5.04	9/29/2011	287792.14	3837135.15	Non-MPPEH Debris	Scrap	N/A	1	4	0.25	Scrap Bin	None	
UXO10-00365	5.01	9/27/2011	287699.2	3837169.35	Non-MPPEH Debris	Scrap	N/A	1	1	0.2	Scrap Bin	None	
UXO10-00366	5	9/29/2011	287768.34	3837145.98	Non-MPPEH Debris	Scrap	N/A	1	3	0.5	Scrap Bin	None	
UXO10-00367	5	9/28/2011	287804.11	3837121.97	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00368	5	9/28/2011	287758.29	3837198	Non-MPPEH Debris	Scrap	N/A	1	4	0.2	Scrap Bin	None	
UXO10-00369	4.94	9/27/2011	287730.72	3837134.66	Non-MPPEH Debris	Scrap	N/A	1	1	0.25	Scrap Bin	None	
UXO10-00370	4.89	9/27/2011	287714.88	3837129.05	Non-MPPEH Debris	Scrap	N/A	2	6	0.5	Scrap Bin	None	
UXO10-00371	4.77	9/28/2011	287713.8	3837202.24	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-00372	4.74	9/28/2011	287677.09	3837186.1	Non-MPPEH Debris	Scrap	N/A	1	1	0.2	Scrap Bin	None	
UXO10-00373	4.73	9/28/2011	287800.07	3837111.3	Non-MPPEH Debris	Scrap	N/A	1	1	0.25	Scrap Bin	None	
UXO10-00374	4.6	9/28/2011	287759.2	3837118.69	Non-MPPEH Debris	Scrap	N/A	1	3	0.25	Scrap Bin	None	
UXO10-00375	4.59	9/27/2011	287703.39	3837171.47	Non-MPPEH Debris	Scrap	N/A	1	3	0.2	Scrap Bin	None	
UXO10-00376	4.57	9/28/2011	287677.21	3837177.75	Non-MPPEH Debris	Scrap	N/A	2	6	0.75	Scrap Bin	None	
UXO10-00377	4.57	9/27/2011	287665.61	3837137.95	Non-MPPEH Debris	Scrap	N/A	1	8	1	Scrap Bin	None	
UXO10-00378	4.52	9/27/2011	287693.91	3837130.15	Non-MPPEH Debris	Scrap	N/A	1	1	0.5	Scrap Bin	None	
UXO10-00379	4.52	9/28/2011	287752.96	3837125.21	Non-MPPEH Debris	Scrap	N/A	2	8	0.5	Scrap Bin	None	
UXO10-00380	4.42	9/27/2011	287695.3	3837180.29	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00381	4.36	9/29/2011	287787.86	3837124.68	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00382	4.29	9/28/2011	287754.28	3837174.72	Non-MPPEH Debris	Scrap	N/A	1	4	0.2	Scrap Bin	None	
UXO10-00383	4.28	9/29/2011	287676.67	3837200.08	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00384	4.26	9/27/2011	287678.46	3837206.9	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00385	4.25	9/27/2011	287696.15	3837157.63	Non-MPPEH Debris	Scrap	N/A	1	4	0.25	Scrap Bin	None	

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-00386	4.22	9/27/2011	287680.74	3837204.07	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00387	4.18	9/28/2011	287688.35	3837165.97	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00388	4.1	9/27/2011	287684.35	3837147.19	Non-MPPEH Debris	Scrap	N/A	1	6	0.25	Scrap Bin	None	
UXO10-00389	4.1	9/29/2011	287772.7	3837141.15	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00390	4.07	9/29/2011	287804.6	3837175.03	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00391	4.01	9/28/2011	287791.46	3837113.51	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-00392	4	9/27/2011	287682.71	3837217.35	Non-MPPEH Debris	Scrap	N/A	2	3	0.1	Scrap Bin	None	
UXO10-00393	4	9/27/2011	287683.23	3837163.76	Non-MPPEH Debris	Scrap	N/A	1	4	2	Scrap Bin	None	
UXO10-00394	3.99	9/27/2011	287689.04	3837142.29	Non-MPPEH Debris	Scrap	N/A	1	3	0.25	Scrap Bin	None	
UXO10-00395	3.98	9/29/2011	287779.08	3837141.98	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00396	3.92	9/27/2011	287724.32	3837133.45	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-00397	3.89	9/27/2011	287682.52	3837172.41	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00398	3.83	9/28/2011	287675.5	3837179.93	Non-MPPEH Debris	Scrap	N/A	1	4	0.2	Scrap Bin	None	
UXO10-00399	3.82	9/28/2011	287682.82	3837141.93	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-00400	3.81	9/28/2011	287789.83	3837122.42	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00401	3.78	9/27/2011	287686.05	3837145.34	Non-MPPEH Debris	Scrap	N/A	1	6	0.5	Scrap Bin	None	
UXO10-00402	3.74	9/28/2011	287759.83	3837205.45	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00403	3.68	9/28/2011	287754.17	3837130.95	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00404	3.66	9/27/2011	287679	3837146.36	Non-MPPEH Debris	Scrap	N/A	1	0	0.25	Scrap Bin	None	
UXO10-00405	3.65	9/27/2011	287708.08	3837199.55	Non-MPPEH Debris	Scrap	N/A	2	1	0.25	Scrap Bin	None	
UXO10-00406	3.64	9/28/2011	287697.34	3837133.25	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-00407	3.63	9/29/2011	287670.34	3837140.98	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00408	3.57	9/29/2011	287776.45	3837130.24	Non-MPPEH Debris	Scrap	N/A	1	6	0.1	Scrap Bin	None	
UXO10-00409	3.57	9/28/2011	287782.19	3837123.48	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-00410	3.56	9/27/2011	287683.31	3837215.88	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-00411	3.56	9/28/2011	287759.2	3837201.93	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00412	3.56	9/27/2011	287697.66	3837171.11	Non-MPPEH Debris	Scrap	N/A	1	6	3	Scrap Bin	None	
UXO10-00413	3.56	9/28/2011	287794.29	3837117.68	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00414	3.55	9/29/2011	287787.24	3837177.74	Non-MPPEH Debris	Scrap	N/A	1	4	0.1	Scrap Bin	None	
UXO10-00415	3.45	9/28/2011	287685.61	3837168.97	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00416	3.45	9/29/2011	287795.07	3837124.59	Non-MPPEH Debris	Scrap	N/A	1	5	0.1	Scrap Bin	None	
UXO10-00417	3.45	9/27/2011	287709.17	3837206.48	Non-MPPEH Debris	Scrap	N/A	1	4	0.25	Scrap Bin	None	
UXO10-00418	3.44	9/28/2011	287792.72	3837127.07	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00419	3.41	9/29/2011	287804.38	3837151.5	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-00420	3.39	9/27/2011	287694.76	3837128.98	Non-MPPEH Debris	Scrap	N/A	1	2	0.5	Scrap Bin	None	
UXO10-00421	3.38	9/29/2011	287785.33	3837142.52	Non-MPPEH Debris	Scrap	N/A	1	10	0.3	Scrap Bin	None	
UXO10-00422	3.3	9/28/2011	287798.85	3837135.51	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00423	3.29	9/29/2011	287803.73	3837152.19	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00424	3.25	9/28/2011	287756.89	3837190.13	Non-MPPEH Debris	Scrap	N/A	1	7	0.3	Scrap Bin	None	
UXO10-00425	3.17	9/29/2011	287716.98	3837126.8	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-00426	3.17	9/27/2011	287707.35	3837195.58	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-00427	3.14	9/27/2011	287739.44	3837125.27	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00428	3.13	9/27/2011	287685.45	3837184.4	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00429	3.12	9/28/2011	287797.03	3837137.46	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00430	3.11	9/29/2011	287743.75	3837127.29	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00431	3.06	9/28/2011	287725.66	3837140.09	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-00432	3.03	9/28/2011	287676.13	3837200.96	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-00433	3.02	9/28/2011	287775.91	3837115.47	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-00434	3.02	9/28/2011	287799.56	3837126.77	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-00435	4145.14	10/3/2011	287709.66	3837023.67	Facility Resource	Facility Resource	Utility	1	0	300	Left in Place	None	Hit over buried utility
UXO10-00436	2713.76	10/4/2011	287734.65	3837038.57	Non-MPPEH Debris	Scrap	N/A	1	12	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00437	2618.96	10/4/2011	287737.9	3837041.63	Non-MPPEH Debris	Scrap	N/A	1	6	70	Scrap Bin	None	
UXO10-00438	2594.55	10/6/2011	287755.53	3837056.93	Non-MPPEH Debris	Scrap	N/A	1	8	7	Scrap Bin	None	
UXO10-00439	2170.22	10/6/2011	287748.75	3837095.32	Non-MPPEH Debris	Scrap	N/A	1	2	10	Scrap Bin	None	
UXO10-00440	2109.71	10/6/2011	287763.58	3837073.98	Non-MPPEH Debris	Scrap	N/A	1	12	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-00441	2073.31	10/6/2011	287744.45	3837099.17	Non-MPPEH Debris	Scrap	N/A	1	1	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS
UXO10-00442	2072.22	10/6/2011	287762.59	3837093.88	Non-MPPEH Debris	Scrap	N/A	1	1	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS
UXO10-00443	1955.36	10/3/2011	287664.06	3837075.71	Facility Resource	Facility Resource	Utility	1	6	0.25	Left in Place	None	Hit next to concrete steam box
UXO10-00444	1922.53	10/6/2011	287717.72	3837062.14	Non-MPPEH Debris	Scrap	N/A	1	10	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS
UXO10-00445	1799.6	10/4/2011	287761.28	3837040.47	Non-MPPEH Debris	Scrap	N/A	1	24	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00446	1663.22	10/4/2011	287735.01	3837039.5	SHD	Shared Target	Shared	0	12	0	Left in Place	None	Concrete shared w/ 436
UXO10-00447	1283.57	10/6/2011	287758.99	3837056.87	Non-MPPEH Debris	Scrap	N/A	2	5	25	Scrap Bin	None	
UXO10-00448	1202.41	10/4/2011	287747.22	3837033.16	Non-MPPEH Debris	Scrap	N/A	1	16	15	Scrap Bin	None	
UXO10-00449	1022.56	10/3/2011	287662.86	3837080.49	Non-MPPEH Debris	Scrap	N/A	1	1	2	Scrap Bin	None	Could not celar with EM61, Next to concrete steam outlet box
UXO10-00450	948.55	10/6/2011	287718.42	3837033.43	Non-MPPEH Debris	Scrap	N/A	3	3	1	Scrap Bin	None	
UXO10-00451	947.25	10/4/2011	287745.83	3837037.68	Non-MPPEH Debris	Scrap	N/A	1	18	5	Scrap Bin	None	
UXO10-00452	877.83	10/5/2011	287747	3837106.68	Facility Resource	Facility Resource	Utility	1	0	0	Left in Place	None	Hit over buried utility
UXO10-00453	830.53	10/6/2011	287743.4	3837107.19	No Contact	No Contact	N/A	0	0	0	Left in Place	None	
UXO10-00454	750.94	10/5/2011	287799.2	3837065.39	Non-MPPEH Debris	Scrap	N/A	2	6	2	Scrap Bin	None	
UXO10-00455	674.18	10/5/2011	287754.07	3837101.34	Non-MPPEH Debris	Scrap	N/A	1	0	1	Scrap Bin	None	
UXO10-00456	623.9	10/3/2011	287703.23	3837019.31	Facility Resource	Facility Resource	Utility	1	0	300	Left in Place	None	
UXO10-00457	527.06	10/4/2011	287745.26	3837030.45	Non-MPPEH Debris	Scrap	N/A	2	10	15	Scrap Bin	None	
UXO10-00458	506.51	10/4/2011	287728.93	3837047.24	TBD	TBD	Greater than 2 ft	0	25	0	Left in Place	None	
UXO10-00459	503.59	10/6/2011	287737.77	3837108.31	Facility Resource	Facility Resource	N/A	1	0	0	Left in Place	None	
UXO10-00460	499.81	10/6/2011	287740.86	3837107.82	Facility Resource	Facility Resource	N/A	1	18	0	Left in Place	None	
UXO10-00461	489.45	10/5/2011	287713.55	3837089.24	Non-MPPEH Debris	Scrap	N/A	1	8	5	Scrap Bin	None	
UXO10-00462	486.31	10/4/2011	287667.01	3837093.43	Non-MPPEH Debris	Scrap	N/A	1	0	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00463	459.78	10/5/2011	287709.86	3837091.11	Non-MPPEH Debris	Scrap	N/A	2	2	5	Scrap Bin	None	
UXO10-00464	394.98	10/4/2011	287743.6	3837038.17	Non-MPPEH Debris	Scrap	N/A	1	6	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS
UXO10-00465	366.68	10/3/2011	287670.95	3837091.2	Non-MPPEH Debris	Scrap	N/A	2	14	2.2	Scrap Bin	None	
UXO10-00466	364.55	10/4/2011	287744.09	3837035.7	Non-MPPEH Debris	Scrap	N/A	1	3	5	Scrap Bin	None	
UXO10-00467	354.91	10/5/2011	287808.28	3837058.84	Non-MPPEH Debris	Scrap	N/A	1	0	5	Scrap Bin	None	
UXO10-00468	321.57	10/3/2011	287662.14	3837065.54	Non-MPPEH Debris	Scrap	N/A	1	3	0.2	Scrap Bin	None	
UXO10-00469	315.25	10/6/2011	287744.91	3837093.44	Facility Resource	Facility Resource	N/A	1	18	0	Left in Place	None	
UXO10-00470	310.02	10/4/2011	287745.16	3837039.39	Non-MPPEH Debris	Scrap	N/A	1	14	5	Scrap Bin	None	
UXO10-00471	309.19	10/3/2011	287662.8	3837075.47	Non-MPPEH Debris	Scrap	N/A	1	3	0.2	Scrap Bin	None	Could not celar with EM61, Next to concrete steam outlet box
UXO10-00472	307.54	10/6/2011	287742.73	3837068.42	Non-MPPEH Debris	Scrap	N/A	1	0	5	Scrap Bin	None	
UXO10-00473	296.7	10/5/2011	287769.1	3837049.4	Non-MPPEH Debris	Scrap	N/A	10	3	0.75	Scrap Bin	None	
UXO10-00474	296.5	10/6/2011	287773.13	3837046.99	Non-MPPEH Debris	Scrap	N/A	4	12	2	Scrap Bin	None	
UXO10-00475	292.43	10/5/2011	287691.73	3837053.96	SHD	Shared Target	Shared	0	0	0	Left in Place	None	Shared w/ 514
UXO10-00476	282.85	10/5/2011	287778.23	3837103.99	Non-MPPEH Debris	Scrap	N/A	1	1	2	Scrap Bin	None	
UXO10-00477	260.4	10/6/2011	287714.51	3837062.28	Non-MPPEH Debris	Scrap	N/A	1	4	7	Left in Place	None	
UXO10-00478	257.74	10/4/2011	287735.92	3837035.43	Non-MPPEH Debris	Scrap	N/A	1	10	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00479	254.58	10/6/2011	287722.28	3837069.49	Non-MPPEH Debris	Scrap	N/A	1	4	0.25	Scrap Bin	None	
UXO10-00480	239.11	10/3/2011	287666.36	3837105.93	Facility Resource	Facility Resource	Utility	0	0	0	Left in Place	None	Hit over buried utility
UXO10-00481	238.88	10/3/2011	287721.71	3837048.35	Non-MPPEH Debris	Scrap	N/A	1	8	10	Scrap Bin	None	
UXO10-00482	234.16	10/4/2011	287747.44	3837031.43	TBD	TBD	Greater than 2 ft	0	25	0	Left in Place	None	
UXO10-00483	233.81	10/4/2011	287760.99	3837043.04	Non-MPPEH Debris	Scrap	N/A	0	20	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS
UXO10-00484	221.13	10/6/2011	287731.39	3837069.71	Non-MPPEH Debris	Scrap	N/A	5	1	5	Scrap Bin	None	
UXO10-00485	219.99	10/5/2011	287706.03	3837081.48	Non-MPPEH Debris	Scrap	N/A	1	1	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00486	219.65	10/3/2011	287666.5	3837097.71	Facility Resource	Facility Resource	Utility	1	2	0.25	Left in Place	None	Hit over buried utility
UXO10-00487	218.84	10/4/2011	287678.23	3837077.25	Non-MPPEH Debris	Scrap	N/A	2	5	2	Scrap Bin	None	
UXO10-00488	218.76	10/6/2011	287735.95	3837063.4	Non-MPPEH Debris	Scrap	N/A	1	8	22	Scrap Bin	None	
UXO10-00489	214.93	10/4/2011	287744.09	3837033.99	Non-MPPEH Debris	Scrap	N/A	1	6	20	Scrap Bin	None	
UXO10-00490	214.29	10/6/2011	287757.09	3837079.96	Non-MPPEH Debris	Scrap	N/A	5	2	10	Scrap Bin	None	
UXO10-00491	212	10/5/2011	287692.85	3837055.41	Non-MPPEH Debris	Scrap	N/A	3	1	5	Scrap Bin	None	
UXO10-00492	208.92	10/4/2011	287668.65	3837097.4	Non-MPPEH Debris	Scrap	N/A	1	21	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00493	207.81	10/5/2011	287704.72	3837062.92	Non-MPPEH Debris	Scrap	N/A	6	6	3	Scrap Bin	None	
UXO10-00494	206.63	10/6/2011	287756.12	3837079.38	Non-MPPEH Debris	Scrap	N/A	7	2	10	Scrap Bin	None	
UXO10-00495	203.27	10/5/2011	287802.26	3837065.05	Non-MPPEH Debris	Scrap	N/A	1	2	7	Scrap Bin	None	

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-00496	197.27	10/4/2011	287689.99	3837076.75	Non-MPPEH Debris	Scrap	N/A	1	1	3	Scrap Bin	None	
UXO10-00497	192.84	10/6/2011	287737.15	3837073.11	Non-MPPEH Debris	Scrap	N/A	2	6	25	Scrap Bin	None	
UXO10-00498	186.91	10/6/2011	287754.91	3837078.27	Non-MPPEH Debris	Scrap	N/A	1	16	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS
UXO10-00499	182.41	10/4/2011	287678.97	3837088.59	Non-MPPEH Debris	Scrap	N/A	5	5	7	Scrap Bin	None	
UXO10-00500	181.02	10/3/2011	287724.51	3837044.36	Non-MPPEH Debris	Scrap	N/A	1	18	5	Scrap Bin	None	
UXO10-00501	178.91	10/6/2011	287674.32	3837121.65	Non-MPPEH Debris	Scrap	N/A	1	2	8	Scrap Bin	None	
UXO10-00502	166.86	10/4/2011	287735.67	3837043.47	Non-MPPEH Debris	Scrap	N/A	1	18	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS
UXO10-00503	166.24	10/3/2011	287665.24	3837076.14	Non-MPPEH Debris	Scrap	N/A	1	4	1.5	Scrap Bin	None	
UXO10-00504	162.87	10/6/2011	287779.13	3837078.08	Non-MPPEH Debris	Scrap	N/A	1	1	0.8	Scrap Bin	None	
UXO10-00505	160.88	10/6/2011	287670.75	3837122.09	Facility Resource	Facility Resource	Utility	1	0	0	Left in Place	None	Utility
UXO10-00506	160.13	10/6/2011	287665.61	3837121.5	TBD	TBD	Greater than 2 ft	0	0	0	Left in Place	None	
UXO10-00507	154.73	10/6/2011	287667.5	3837120.07	Non-MPPEH Debris	Scrap	N/A	3	6	4	Scrap Bin	None	
UXO10-00508	154.66	10/5/2011	287785.32	3837102.8	Non-MPPEH Debris	Scrap	N/A	1	6	8	Scrap Bin	None	
UXO10-00509	149.54	10/6/2011	287765.94	3837073.5	Non-MPPEH Debris	Scrap	N/A	1	14	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS
UXO10-00510	147.32	10/5/2011	287692.95	3837059.28	Non-MPPEH Debris	Scrap	N/A	6	4	4	Scrap Bin	None	
UXO10-00511	144.29	10/5/2011	287709.81	3837080.87	Non-MPPEH Debris	Scrap	N/A	1	3	5	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00512	143	10/3/2011	287663.17	3837073.03	Facility Resource	Facility Resource	Utility	1	12	0.5	Left in Place	None	Hit over buried utility
UXO10-00513	142.94	10/6/2011	287737.52	3837063.29	SHD	Shared Target	Shared	0	0	0	Left in Place	None	Shared w/ 488
UXO10-00514	139.72	10/5/2011	287690.63	3837055.06	Non-MPPEH Debris	Scrap	N/A	22	12	6	Scrap Bin	None	
UXO10-00515	137.48	10/3/2011	287725.28	3837031.53	Non-MPPEH Debris	Scrap	N/A	1	6	1	Scrap Bin	None	
UXO10-00516	129.72	10/5/2011	287727.19	3837049.96	Non-MPPEH Debris	Scrap	N/A	3	6	5	Scrap Bin	None	
UXO10-00517	128.21	10/5/2011	287780.7	3837057.18	Non-MPPEH Debris	Scrap	N/A	3	8	1	Scrap Bin	None	
UXO10-00518	124.3	10/6/2011	287751.47	3837074.53	Non-MPPEH Debris	Scrap	N/A	1	6	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS
UXO10-00519	123.28	10/6/2011	287725.25	3837112.99	Non-MPPEH Debris	Scrap	N/A	4	4	0.25	Scrap Bin	None	
UXO10-00520	122.43	10/4/2011	287737.42	3837043.1	SHD	Shared Target	Shared	1	1	0	Left in Place	None	Shared w/ 437
UXO10-00521	121.98	10/4/2011	287675.66	3837060.94	Non-MPPEH Debris	Scrap	N/A	6	3	1.5	Scrap Bin	None	
UXO10-00522	121.88	10/6/2011	287735.94	3837073.18	Non-MPPEH Debris	Scrap	N/A	1	18	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS
UXO10-00523	121.55	10/5/2011	287765.8	3837059	No Contact	No Contact	N/A	0	0	0	Left in Place	None	
UXO10-00524	121.49	10/4/2011	287675.73	3837077.29	Non-MPPEH Debris	Scrap	N/A	1	6	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00525	121.06	10/6/2011	287670.58	3837119.3	Facility Resource	Facility Resource	Utility	1	0	0	Left in Place	None	Utility
UXO10-00526	120.54	10/6/2011	287752.15	3837057.85	TBD	TBD	Greater than 2 ft	0	0	0	Left in Place	None	
UXO10-00527	119.77	10/6/2011	287732.86	3837064.72	Non-MPPEH Debris	Scrap	N/A	1	2	2	Scrap Bin	None	
UXO10-00528	119.15	10/5/2011	287815.36	3837058.81	Non-MPPEH Debris	Scrap	N/A	3	2	7	Scrap Bin	None	
UXO10-00529	116.05	10/5/2011	287780.81	3837077.64	SHD	Shared Target	Shared	0	0	0	Left in Place	None	Shared w/ 504
UXO10-00530	115.17	10/3/2011	287723.49	3837044.4	Non-MPPEH Debris	Scrap	N/A	1	12	3	Scrap Bin	None	
UXO10-00531	114	10/6/2011	287794.62	3837101.39	Non-MPPEH Debris	Scrap	N/A	2	4	0.1	Scrap Bin	None	
UXO10-00532	112.3	10/6/2011	287693.98	3837100.84	Non-MPPEH Debris	Scrap	N/A	2	2	0.5	Scrap Bin	None	
UXO10-00533	111.6	10/4/2011	287666.39	3837103.06	Facility Resource	Facility Resource	Utility	0	25	0	Left in Place	None	Hit over buried utility
UXO10-00534	110.54	10/5/2011	287704.4	3837048.78	Non-MPPEH Debris	Scrap	N/A	8	5	0.3	Scrap Bin	None	
UXO10-00535	109.72	10/3/2011	287665.64	3837067.85	Non-MPPEH Debris	Scrap	N/A	1	1	2	Scrap Bin	None	
UXO10-00536	108.53	10/6/2011	287711.2	3837064.44	Non-MPPEH Debris	Scrap	N/A	3	1	1	Scrap Bin	None	
UXO10-00537	104.11	10/5/2011	287695.24	3837056.86	Non-MPPEH Debris	Scrap	N/A	2	6	1	Scrap Bin	None	
UXO10-00538	103.81	10/4/2011	287739.23	3837095.54	Non-MPPEH Debris	Scrap	N/A	1	12	3	Scrap Bin	None	
UXO10-00539	102.13	10/3/2011	287656.13	3837076.44	TBD	TBD	Greater than 2 ft	1	25	0	Left in Place	None	
UXO10-00540	102.13	10/4/2011	287666.43	3837086.47	TBD	TBD	Greater than 2 ft	0	25	0	Left in Place	None	
UXO10-00541	100.84	10/4/2011	287667.5	3837108.97	Non-MPPEH Debris	Scrap	N/A	1	0	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00542	99.65	10/6/2011	287707.29	3837064.88	Non-MPPEH Debris	Scrap	N/A	3	3	0.4	Scrap Bin	None	
UXO10-00543	99.1	10/4/2011	287667.53	3837091.44	TBD	TBD	Greater than 2 ft	1	25	0	Left in Place	None	
UXO10-00544	98.18	10/6/2011	287738.19	3837064.09	Non-MPPEH Debris	Scrap	N/A	1	7	0.5	Scrap Bin	None	
UXO10-00545	97.78	10/3/2011	287655.32	3837076.28	TBD	TBD	Greater than 2 ft	1	25	0	Left in Place	None	
UXO10-00546	96.81	10/4/2011	287665.84	3837099.71	Non-MPPEH Debris	Scrap	N/A	0	25	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00547	96.53	10/5/2011	287734.21	3837096.19	Non-MPPEH Debris	Scrap	N/A	7	14	12	Scrap Bin	None	
UXO10-00548	96.49	10/5/2011	287782.48	3837077.27	Non-MPPEH Debris	Scrap	N/A	1	3	1	Scrap Bin	None	
UXO10-00549	96.3	10/5/2011	287781.81	3837075.34	Non-MPPEH Debris	Scrap	N/A	1	6	15	Scrap Bin	None	
UXO10-00550	93.83	10/6/2011	287710.04	3837064.42	Non-MPPEH Debris	Scrap	N/A	2	12	0.6	Scrap Bin	None	

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-00551	93.52	10/5/2011	287797.2	3837055.19	Non-MPPEH Debris	Scrap	N/A	1	3	1	Scrap Bin	None	
UXO10-00552	92.16	10/3/2011	287713.69	3837029.3	Non-MPPEH Debris	Scrap	N/A	1	12	1	Scrap Bin	None	
UXO10-00553	91.96	10/3/2011	287722.81	3837048.2	Non-MPPEH Debris	Scrap	N/A	1	6	2	Scrap Bin	None	
UXO10-00554	91.46	10/4/2011	287747.36	3837042.71	Non-MPPEH Debris	Scrap	N/A	1	18	15	Scrap Bin	None	
UXO10-00555	91.1	10/3/2011	287724.03	3837027.65	TBD	TBD	Greater than 2 ft	1	25	0	Left in Place	None	
UXO10-00556	89.5	10/6/2011	287708.34	3837062.53	Non-MPPEH Debris	Scrap	N/A	2	10	0.5	Scrap Bin	None	
UXO10-00557	87.94	10/3/2011	287716.41	3837021.54	TBD	TBD	Greater than 2 ft	1	25	0	Left in Place	None	
UXO10-00558	82.41	10/3/2011	287664.23	3837083.14	Non-MPPEH Debris	Scrap	N/A	1	6	0.5	Scrap Bin	None	
UXO10-00559	82.28	10/4/2011	287670.12	3837061.07	Non-MPPEH Debris	Scrap	N/A	5	4	1.1	Scrap Bin	None	
UXO10-00560	81.27	10/6/2011	287669.22	3837116.68	Non-MPPEH Debris	Scrap	N/A	1	12	3	Scrap Bin	None	
UXO10-00561	80.36	10/4/2011	287672.95	3837091.08	Non-MPPEH Debris	Scrap	N/A	6	10	1	Scrap Bin	None	
UXO10-00562	80.2	10/5/2011	287714.06	3837048.94	Non-MPPEH Debris	Scrap	N/A	1	15	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00563	79.47	10/6/2011	287743.54	3837075.91	Non-MPPEH Debris	Scrap	N/A	1	6	0.5	Scrap Bin	None	
UXO10-00564	78.77	10/6/2011	287753.34	3837070.54	Non-MPPEH Debris	Scrap	N/A	1	2	0.5	Scrap Bin	None	
UXO10-00565	78.59	10/6/2011	287715.82	3837064.27	Non-MPPEH Debris	Scrap	N/A	2	3	2	Scrap Bin	None	
UXO10-00566	78.54	10/3/2011	287669.65	3837079.55	Non-MPPEH Debris	Scrap	N/A	1	3	1	Scrap Bin	None	
UXO10-00567	76.76	10/3/2011	287721.76	3837041.04	Non-MPPEH Debris	Scrap	N/A	1	5	2	Scrap Bin	None	
UXO10-00568	76.7	10/5/2011	287785.34	3837076.51	Non-MPPEH Debris	Scrap	N/A	1	1	0.2	Scrap Bin	None	
UXO10-00569	76.23	10/6/2011	287745.69	3837095.74	Non-MPPEH Debris	Scrap	N/A	1	1	10	Scrap Bin	None	
UXO10-00570	76.06	10/4/2011	287784.08	3837076.82	Non-MPPEH Debris	Scrap	N/A	3	2	0.5	Scrap Bin	None	
UXO10-00571	74.16	10/3/2011	287722.89	3837055.81	Non-MPPEH Debris	Scrap	N/A	1	5	2	Scrap Bin	None	
UXO10-00572	73.69	10/4/2011	287665.28	3837091.68	Non-MPPEH Debris	Scrap	N/A	1	0	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00573	73.55	10/4/2011	287670.24	3837057.44	Non-MPPEH Debris	Scrap	N/A	1	2	0.4	Scrap Bin	None	
UXO10-00574	71.8	10/5/2011	287707.37	3837055.28	Non-MPPEH Debris	Scrap	N/A	3	2	2	Scrap Bin	None	
UXO10-00575	71.36	10/5/2011	287725.97	3837050.12	Non-MPPEH Debris	Scrap	N/A	3	5	2	Scrap Bin	None	
UXO10-00576	70.77	10/4/2011	287744.01	3837032.55	SHD	Shared Target	Shared	0	8	5	Left in Place	None	Shared w/489
UXO10-00577	69.98	10/6/2011	287767.47	3837093.74	Non-MPPEH Debris	Scrap	N/A	1	20	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS
UXO10-00578	68.01	10/5/2011	287785.72	3837091.2	Non-MPPEH Debris	Scrap	N/A	1	3	0.5	Scrap Bin	None	
UXO10-00579	66.85	10/3/2011	287662.16	3837067.94	Facility Resource	Facility Resource	Utility	1	4	0.25	Left in Place	None	Hit over buried utility
UXO10-00580	65.1	10/5/2011	287787.02	3837076.18	Non-MPPEH Debris	Scrap	N/A	1	5	0.25	Scrap Bin	None	
UXO10-00581	64.91	10/3/2011	287658.78	3837073.38	Facility Resource	Facility Resource	Utility	0	0	0	Left in Place	None	Hit over buried utility
UXO10-00582	64.61	10/4/2011	287665.74	3837107.91	Non-MPPEH Debris	Scrap	N/A	1	5	2	Scrap Bin	None	
UXO10-00583	62.91	10/6/2011	287775.9	3837047.32	Non-MPPEH Debris	Scrap	N/A	1	4	0.75	Scrap Bin	None	
UXO10-00584	62.05	10/5/2011	287715.22	3837048.87	Non-MPPEH Debris	Scrap	N/A	1	4	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00585	61.9	10/4/2011	287736.36	3837048.69	Non-MPPEH Debris	Scrap	N/A	2	4	7	Scrap Bin	None	
UXO10-00586	61.55	10/6/2011	287673.75	3837096.19	Non-MPPEH Debris	Scrap	N/A	5	0	0.5	Scrap Bin	None	
UXO10-00587	61.1	10/6/2011	287739.89	3837062.85	Non-MPPEH Debris	Scrap	N/A	1	8	0.2	Scrap Bin	None	
UXO10-00588	60.67	10/6/2011	287715.78	3837114.69	Non-MPPEH Debris	Scrap	N/A	5	2	1.25	Scrap Bin	None	
UXO10-00589	60.46	10/5/2011	287776.11	3837104.34	Non-MPPEH Debris	Scrap	N/A	1	2	2	Scrap Bin	None	
UXO10-00590	60.12	10/5/2011	287696.13	3837062.52	Non-MPPEH Debris	Scrap	N/A	1	1	2	Scrap Bin	None	
UXO10-00591	58.79	10/3/2011	287661.18	3837073.2	Facility Resource	Facility Resource	Utility	1	3	0.2	Left in Place	None	Hit over underground utility
UXO10-00592	58.3	10/4/2011	287665.32	3837102.44	Facility Resource	Facility Resource	Utility	0	36	0	Left in Place	None	Hit over buried utility
UXO10-00593	57.98	10/4/2011	287788.01	3837075.97	Non-MPPEH Debris	Scrap	N/A	1	2	3	Scrap Bin	None	
UXO10-00594	57.93	10/4/2011	287724.7	3837062.42	Non-MPPEH Debris	Scrap	N/A	1	6	0.5	Scrap Bin	None	
UXO10-00595	57.78	10/4/2011	287665.65	3837107.14	Facility Resource	Facility Resource	Utility	0	25	0	Left in Place	None	Hit over buried utility
UXO10-00596	57.71	10/6/2011	287731.95	3837049.12	Non-MPPEH Debris	Scrap	N/A	3	3	2	Scrap Bin	None	
UXO10-00597	56.84	10/4/2011	287664.69	3837100.55	Facility Resource	Facility Resource	Utility	0	25	0	Left in Place	None	Hit over buried utility
UXO10-00598	54.82	10/4/2011	287689.24	3837085.1	Non-MPPEH Debris	Scrap	N/A	4	2	1.3	Scrap Bin	None	
UXO10-00599	54.78	10/5/2011	287713.61	3837069.7	Non-MPPEH Debris	Scrap	N/A	2	0	0.5	Scrap Bin	None	
UXO10-00600	54	10/3/2011	287716.53	3837041.71	Non-MPPEH Debris	Scrap	N/A	1	6	0.5	Scrap Bin	None	
UXO10-00601	53.6	10/5/2011	287728.96	3837049.66	TBD	TBD	Greater than 2 ft	0	25	0	Left in Place	None	
UXO10-00602	53.43	10/3/2011	287658.72	3837080.19	Facility Resource	Facility Resource	Utility	1	3	0.3	Left in Place	None	Hit over buried utility
UXO10-00603	52.95	10/4/2011	287663.74	3837095	Facility Resource	Facility Resource	Utility	0	36	0	Left in Place	None	Hit over buried utility
UXO10-00604	52.6	10/6/2011	287658.34	3837065.78	TBD	TBD	Greater than 2 ft	0	0	0	Left in Place	None	
UXO10-00605	52.43	10/3/2011	287768.12	3837081.29	Facility Resource	Facility Resource	Utility	1	10	0.5	Left in Place	None	Hit over buried utility

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-00606	52.3	10/3/2011	287679.05	3837060.62	Non-MPPEH Debris	Scrap	N/A	1	8	1	Scrap Bin	None	
UXO10-00607	52.14	10/3/2011	287672.47	3837076.08	Non-MPPEH Debris	Scrap	N/A	1	8	1	Scrap Bin	None	
UXO10-00608	52.05	10/4/2011	287731.83	3837035.44	Non-MPPEH Debris	Scrap	N/A	1	16	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00609	51.13	10/3/2011	287708.32	3837034.94	Non-MPPEH Debris	Scrap	N/A	1	5	2	Scrap Bin	None	
UXO10-00610	49.32	10/3/2011	287716.42	3837023.98	Non-MPPEH Debris	Scrap	N/A	1	2	0.25	Scrap Bin	None	
UXO10-00611	48.99	10/6/2011	287760.47	3837069.52	Non-MPPEH Debris	Scrap	N/A	1	12	1	Scrap Bin	None	
UXO10-00612	48.8	10/3/2011	287704.84	3837022.84	Non-MPPEH Debris	Scrap	N/A	2	10	1.5	Scrap Bin	None	
UXO10-00613	48.77	10/4/2011	287663.87	3837086.78	Facility Resource	Facility Resource	Utility	0	25	0	Left in Place	None	Hit over buried utility
UXO10-00614	48.59	10/3/2011	287661.43	3837070.47	Facility Resource	Facility Resource	Utility	0	0	0	Left in Place	None	Hit over buried utility
UXO10-00615	47.45	10/4/2011	287664.85	3837101.72	Facility Resource	Facility Resource	Utility	0	25	0	Left in Place	None	Hit over buried utility
UXO10-00616	47.01	10/3/2011	287725.98	3837040.33	Non-MPPEH Debris	Scrap	N/A	1	16	10	Scrap Bin	None	
UXO10-00617	46.56	10/4/2011	287739.1	3837048.37	Non-MPPEH Debris	Scrap	N/A	5	8	1.5	Scrap Bin	None	
UXO10-00618	46.22	10/5/2011	287785.75	3837051.43	Non-MPPEH Debris	Scrap	N/A	1	2	0.5	Scrap Bin	None	
UXO10-00619	45.94	10/4/2011	287723.39	3837050.46	Non-MPPEH Debris	Scrap	N/A	5	6	0.5	Scrap Bin	None	
UXO10-00620	44.75	10/6/2011	287711.49	3837062.36	Non-MPPEH Debris	Scrap	N/A	6	4	0.2	Scrap Bin	None	
UXO10-00621	44.59	10/4/2011	287726.74	3837047.61	Non-MPPEH Debris	Scrap	N/A	1	1	1	Scrap Bin	None	
UXO10-00622	43.93	10/5/2011	287704.96	3837050.16	Non-MPPEH Debris	Scrap	N/A	7	18	2.5	Scrap Bin	None	
UXO10-00623	43.19	10/3/2011	287720.34	3837024.02	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-00624	42.49	10/6/2011	287743.07	3837089.97	Non-MPPEH Debris	Scrap	N/A	1	8	10	Scrap Bin	None	
UXO10-00625	42.45	10/6/2011	287780.14	3837072.38	Non-MPPEH Debris	Scrap	N/A	1	14	0.75	Scrap Bin	None	
UXO10-00626	42.43	10/3/2011	287714.27	3837020.95	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00627	42.41	10/5/2011	287707.4	3837081.25	Non-MPPEH Debris	Scrap	N/A	1	2	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00628	41.91	10/6/2011	287664.93	3837086.61	Facility Resource	Facility Resource	Utility	1	0	0	Left in Place	None	Hit over buried utility
UXO10-00629	41.9	10/4/2011	287674.7	3837099.6	Facility Resource	Facility Resource	Utility	0	25	0	Left in Place	None	Hit over buried utility
UXO10-00630	41.35	10/4/2011	287680.34	3837080.28	Non-MPPEH Debris	Scrap	N/A	7	2	0.35	Scrap Bin	None	
UXO10-00631	41.27	10/6/2011	287741.01	3837085.39	Non-MPPEH Debris	Scrap	N/A	1	0	0.5	Scrap Bin	None	
UXO10-00632	40.96	10/3/2011	287659.69	3837075.68	Facility Resource	Facility Resource	Utility	1	3	0.1	Left in Place	None	Hit over buried utility
UXO10-00633	40.96	10/5/2011	287769.48	3837047.05	Non-MPPEH Debris	Scrap	N/A	5	4	0.75	Scrap Bin	None	
UXO10-00634	39.96	10/6/2011	287696.74	3837115.79	Non-MPPEH Debris	Scrap	N/A	1	3	0.5	Scrap Bin	None	
UXO10-00635	39.89	10/4/2011	287730.12	3837053.12	Non-MPPEH Debris	Scrap	N/A	3	4	4	Scrap Bin	None	
UXO10-00636	39.71	10/3/2011	287669.12	3837072.4	Non-MPPEH Debris	Scrap	N/A	1	6	0.2	Scrap Bin	None	
UXO10-00637	39.64	10/3/2011	287664.52	3837067.85	Non-MPPEH Debris	Scrap	N/A	1	5	0.2	Scrap Bin	None	
UXO10-00638	39.6	10/4/2011	287664.28	3837097.08	Facility Resource	Facility Resource	Utility	0	25	0	Left in Place	None	Hit over buried utility
UXO10-00639	39.37	10/5/2011	287711.24	3837042.07	Non-MPPEH Debris	Scrap	N/A	4	3	0.55	Scrap Bin	None	
UXO10-00640	39.14	10/3/2011	287720.84	3837038.61	Non-MPPEH Debris	Scrap	N/A	1	8	30	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00641	39.14	10/3/2011	287723.66	3837030.75	Non-MPPEH Debris	Scrap	N/A	1	12	7	Scrap Bin	None	
UXO10-00642	38.86	10/4/2011	287739.21	3837099.5	SHD	Shared Target	Shared	1	7	1	Left in Place	None	Shared w/ 657
UXO10-00643	38.84	10/4/2011	287673.58	3837078.11	Non-MPPEH Debris	Scrap	N/A	1	4	0.2	Scrap Bin	None	
UXO10-00644	38.74	10/3/2011	287655.83	3837062.22	Non-MPPEH Debris	Scrap	N/A	4	5	0.25	Scrap Bin	None	
UXO10-00645	38.45	10/4/2011	287722.09	3837055.94	SHD	Shared Target	Shared	1	3	0.1	Left in Place	None	Shared w/ 571
UXO10-00646	37.51	10/4/2011	287662.51	3837086.86	Facility Resource	Facility Resource	Utility	0	25	0	Left in Place	None	Hit over buried utility
UXO10-00647	37.29	10/4/2011	287677.87	3837099.25	Non-MPPEH Debris	Scrap	N/A	7	6	0.45	Scrap Bin	None	
UXO10-00648	37.24	10/4/2011	287672.37	3837060.7	Non-MPPEH Debris	Scrap	N/A	7	6	1.25	Scrap Bin	None	
UXO10-00649	36.99	10/3/2011	287654.68	3837071.2	Non-MPPEH Debris	Scrap	N/A	1	6	0.3	Scrap Bin	None	
UXO10-00650	36.6	10/5/2011	287696.53	3837070.92	Non-MPPEH Debris	Scrap	N/A	1	12	1.5	Scrap Bin	None	
UXO10-00651	36.51	10/6/2011	287769.97	3837080.85	Non-MPPEH Debris	Scrap	N/A	1	0	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00652	36.44	10/5/2011	287777.05	3837051.23	Non-MPPEH Debris	Scrap	N/A	3	2	0.75	Scrap Bin	None	
UXO10-00653	34.81	10/6/2011	287751.29	3837067.1	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00654	34.72	10/4/2011	287669.32	3837085.8	Non-MPPEH Debris	Scrap	N/A	1	12	0.25	Scrap Bin	None	
UXO10-00655	34.56	10/4/2011	287663.79	3837096.32	Facility Resource	Facility Resource	Utility	0	25	0	Left in Place	None	Hit over buried utility
UXO10-00656	33.84	10/6/2011	287741.19	3837095.32	Non-MPPEH Debris	Scrap	N/A	1	10	2	Scrap Bin	None	
UXO10-00657	33.07	10/4/2011	287739.12	3837098.37	SHD	Shared Target	Shared	1	7	1	Left in Place	None	Shared w/ 642
UXO10-00658	33.07	10/3/2011	287663.33	3837070.31	Facility Resource	Facility Resource	Utility	1	3	0.2	Left in Place	None	Hit over buried utility
UXO10-00659	32.91	10/4/2011	287673.51	3837082.57	Non-MPPEH Debris	Scrap	N/A	7	8	0.75	Scrap Bin	None	
UXO10-00660	32.83	10/4/2011	287671.75	3837103.01	Non-MPPEH Debris	Scrap	N/A	1	18	10	Scrap Bin	None	

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-00661	32.68	10/4/2011	287678.54	3837062.77	Non-MPPEH Debris	Scrap	N/A	3	2	2	Scrap Bin	None	
UXO10-00662	32.53	10/4/2011	287667.97	3837112.33	TBD	TBD	Greater than 2 ft	0	25	0	Left in Place	None	
UXO10-00663	32.2	10/6/2011	287715.41	3837056.56	Non-MPPEH Debris	Scrap	N/A	1	6	5	Scrap Bin	None	
UXO10-00664	31.55	10/4/2011	287668.27	3837099.45	Shared Target	Shared Target	Shared	1	0	0	Left in Place	None	CConcrete shared w/ 492
UXO10-00665	31.45	10/5/2011	287694.18	3837055.13	Non-MPPEH Debris	Scrap	N/A	2	20	2	Scrap Bin	None	
UXO10-00666	31.34	10/6/2011	287750.31	3837059.75	SHD	Shared Target	Shared	0	0	0	Left in Place	None	Shared w/ 697
UXO10-00667	31.26	10/6/2011	287764.09	3837061.26	TBD	TBD	Greater than 2 ft	0	0	0	Left in Place	None	
UXO10-00668	31.26	10/4/2011	287668.9	3837105.32	SHD	Shared Target	Shared	0	25	0	Left in Place	None	Shared w/ 822
UXO10-00669	31.06	10/6/2011	287742.86	3837088.84	Non-MPPEH Debris	Scrap	N/A	3	3	0.2	Scrap Bin	None	
UXO10-00670	30.93	10/4/2011	287668.68	3837064.56	Non-MPPEH Debris	Scrap	N/A	2	6	0.3	Scrap Bin	None	
UXO10-00671	30.88	10/3/2011	287712.76	3837036.36	Non-MPPEH Debris	Scrap	N/A	1	10	0.5	Scrap Bin	None	
UXO10-00672	30.66	10/6/2011	287734.43	3837064.79	Non-MPPEH Debris	Scrap	N/A	5	6	0.5	Scrap Bin	None	
UXO10-00673	30.45	10/5/2011	287709.34	3837052.11	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00674	30.26	10/4/2011	287689.76	3837073.07	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00675	28.74	10/3/2011	287725.94	3837038.78	SHD	Shared Target	Shared	0	0	0	Left in Place	None	Shared with 616
UXO10-00676	28.49	10/5/2011	287705.61	3837046.65	Non-MPPEH Debris	Scrap	N/A	8	8	4	Scrap Bin	None	
UXO10-00677	28.48	10/6/2011	287763.32	3837080.73	Non-MPPEH Debris	Scrap	N/A	3	6	0.1	Scrap Bin	None	
UXO10-00678	28.12	10/3/2011	287662.5	3837070.4	Non-MPPEH Debris	Scrap	N/A	6	3	1.25	Scrap Bin	None	
UXO10-00679	27.88	10/5/2011	287788.07	3837069.38	Non-MPPEH Debris	Scrap	N/A	5	3	0.25	Scrap Bin	None	
UXO10-00680	27.83	10/5/2011	287732.02	3837089.82	Non-MPPEH Debris	Scrap	N/A	4	10	1.3	Scrap Bin	None	
UXO10-00681	27.28	10/4/2011	287727.58	3837069.69	Non-MPPEH Debris	Scrap	N/A	1	1	0.75	Scrap Bin	None	
UXO10-00682	27.19	10/6/2011	287721.42	3837025.3	TBD	TBD	Greater than 2 ft	0	0	0	Left in Place	None	
UXO10-00683	27.15	10/3/2011	287719.85	3837038.61	Non-MPPEH Debris	Scrap	N/A	1	4	0.2	Scrap Bin	None	
UXO10-00684	27.06	10/5/2011	287695.5	3837054.42	Non-MPPEH Debris	Scrap	N/A	2	1	0.25	Scrap Bin	None	
UXO10-00685	26.94	10/5/2011	287803.42	3837100.13	Non-MPPEH Debris	Scrap	N/A	5	12	1.75	Scrap Bin	None	
UXO10-00686	26.65	10/6/2011	287657.7	3837080.43	Non-MPPEH Debris	Scrap	N/A	1	2	1	Scrap Bin	None	
UXO10-00687	26.35	10/6/2011	287727.4	3837062.46	Non-MPPEH Debris	Scrap	N/A	4	3	0.25	Scrap Bin	None	
UXO10-00688	26.29	10/3/2011	287660.43	3837067.89	Facility Resource	Facility Resource	Utility	1	1	3	Left in Place	None	Hit over buried utility
UXO10-00689	26.26	10/4/2011	287654.42	3837074.23	Non-MPPEH Debris	Scrap	N/A	12	8	0.25	Scrap Bin	None	
UXO10-00690	26.1	10/3/2011	287738.83	3837051.19	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00691	25.98	10/3/2011	287658.42	3837067.8	Non-MPPEH Debris	Scrap	N/A	3	2	0.2	Scrap Bin	None	
UXO10-00692	25.97	10/4/2011	287671.84	3837078.81	Non-MPPEH Debris	Scrap	N/A	6	2	0.2	Scrap Bin	None	
UXO10-00693	25.96	10/5/2011	287727.64	3837055.14	Non-MPPEH Debris	Scrap	N/A	5	6	1.25	Scrap Bin	None	
UXO10-00694	25.88	10/5/2011	287795.26	3837064.13	Non-MPPEH Debris	Scrap	N/A	1	5	0.2	Scrap Bin	None	
UXO10-00695	25.73	10/5/2011	287794.4	3837066.25	Non-MPPEH Debris	Scrap	N/A	4	5	1	Scrap Bin	None	
UXO10-00696	25.71	10/6/2011	287719.02	3837026.15	Non-MPPEH Debris	Scrap	N/A	1	0	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS
UXO10-00697	25.58	10/6/2011	287749.06	3837060.28	Non-MPPEH Debris	Scrap	N/A	5	6	0.2	Scrap Bin	None	
UXO10-00698	25.4	10/5/2011	287714.18	3837081.07	Non-MPPEH Debris	Scrap	N/A	1	4	0.5	Scrap Bin	None	
UXO10-00699	25.4	10/3/2011	287657.02	3837080.98	Non-MPPEH Debris	Scrap	N/A	1	4	0.25	Scrap Bin	None	
UXO10-00700	25	10/6/2011	287747.7	3837074.39	Non-MPPEH Debris	Scrap	N/A	8	5	0.7	Scrap Bin	None	
UXO10-00701	24.92	10/3/2011	287712.71	3837031.79	Non-MPPEH Debris	Scrap	N/A	1	3	1	Scrap Bin	None	
UXO10-00702	24.91	10/3/2011	287766.09	3837051.49	Non-MPPEH Debris	Scrap	N/A	1	4	3	Scrap Bin	None	
UXO10-00703	24.68	10/4/2011	287676.73	3837063.09	Non-MPPEH Debris	Scrap	N/A	6	4	2.25	Scrap Bin	None	
UXO10-00704	24.52	10/6/2011	287755.79	3837070.31	Non-MPPEH Debris	Scrap	N/A	1	6	0.1	Scrap Bin	None	
UXO10-00705	24.47	10/4/2011	287666.23	3837083.34	Non-MPPEH Debris	Scrap	N/A	3	0	0.3	Scrap Bin	None	
UXO10-00706	24.47	10/6/2011	287703.18	3837114.42	Non-MPPEH Debris	Scrap	N/A	3	3	3	Scrap Bin	None	
UXO10-00707	24.46	10/3/2011	287660.52	3837065.64	Facility Resource	Facility Resource	Utility	0	0	0	Left in Place	None	Hit over buried utility
UXO10-00708	24.26	10/5/2011	287781.18	3837062.9	Non-MPPEH Debris	Scrap	N/A	18	6	35	Scrap Bin	None	
UXO10-00709	24.21	10/5/2011	287699.5	3837076.19	Non-MPPEH Debris	Scrap	N/A	2	4	0.25	Scrap Bin	None	
UXO10-00710	23.96	10/3/2011	287727.7	3837044.28	Non-MPPEH Debris	Scrap	N/A	1	6	0.5	Scrap Bin	None	
UXO10-00711	23.87	10/5/2011	287775.05	3837061.72	Non-MPPEH Debris	Scrap	N/A	1	6	5	Scrap Bin	None	
UXO10-00712	23.77	10/4/2011	287671.97	3837072.23	Non-MPPEH Debris	Scrap	N/A	2	2	1	Scrap Bin	None	
UXO10-00713	23.65	10/4/2011	287674.29	3837082.41	Non-MPPEH Debris	Scrap	N/A	9	18	0.5	Scrap Bin	None	
UXO10-00714	23.55	10/3/2011	287657.65	3837056.28	Non-MPPEH Debris	Scrap	N/A	2	4	4	Scrap Bin	None	
UXO10-00715	23.18	10/6/2011	287750.82	3837061.01	Non-MPPEH Debris	Scrap	N/A	3	10	0.25	Scrap Bin	None	

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-00716	23.05	10/5/2011	287761.85	3837050.49	Non-MPPEH Debris	Scrap	N/A	7	6	0.75	Scrap Bin	None	
UXO10-00717	22.98	10/5/2011	287692.29	3837077.75	Non-MPPEH Debris	Scrap	N/A	2	6	0.5	Scrap Bin	None	
UXO10-00718	22.66	10/3/2011	287729.23	3837038.7	Non-MPPEH Debris	Scrap	N/A	1	4	0.5	Scrap Bin	None	
UXO10-00719	22.62	10/5/2011	287810.6	3837058.84	Non-MPPEH Debris	Scrap	N/A	10	4	0.8	Scrap Bin	None	
UXO10-00720	22.57	10/5/2011	287705.13	3837054.43	Non-MPPEH Debris	Scrap	N/A	1	20	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS
UXO10-00721	22.45	10/4/2011	287673.98	3837072.13	Non-MPPEH Debris	Scrap	N/A	9	1	2	Scrap Bin	None	
UXO10-00722	22.25	10/5/2011	287700.89	3837051.02	Non-MPPEH Debris	Scrap	N/A	3	3	0.2	Scrap Bin	None	
UXO10-00723	22.24	10/3/2011	287659.12	3837070.88	Facility Resource	Facility Resource	Utility	0	0	0	Left in Place	None	Hit over buried utility
UXO10-00724	22.24	10/5/2011	287794.79	3837055.38	Non-MPPEH Debris	Scrap	N/A	2	1	0.1	Scrap Bin	None	
UXO10-00725	22.23	10/5/2011	287770.35	3837102.86	Non-MPPEH Debris	Scrap	N/A	3	6	0.5	Scrap Bin	None	
UXO10-00726	22.06	10/6/2011	287740.5	3837075.72	Non-MPPEH Debris	Scrap	N/A	1	1	0.5	Scrap Bin	None	
UXO10-00727	21.89	10/4/2011	287753.3	3837045.85	Non-MPPEH Debris	Scrap	N/A	1	10	5	Scrap Bin	None	
UXO10-00728	21.76	10/4/2011	287675.87	3837073.79	Non-MPPEH Debris	Scrap	N/A	1	2	1	Scrap Bin	None	
UXO10-00729	21.7	10/5/2011	287773.01	3837057.72	Non-MPPEH Debris	Scrap	N/A	11	8	0.5	Scrap Bin	None	
UXO10-00730	21.56	10/4/2011	287686.93	3837084.32	Non-MPPEH Debris	Scrap	N/A	3	4	0.5	Scrap Bin	None	
UXO10-00731	21.54	10/4/2011	287754.97	3837048.22	Non-MPPEH Debris	Scrap	N/A	1	8	3	Scrap Bin	None	
UXO10-00732	21.52	10/5/2011	287683.78	3837071.48	Non-MPPEH Debris	Scrap	N/A	12	2	0.5	Scrap Bin	None	
UXO10-00733	21.49	10/3/2011	287720.06	3837025.8	Non-MPPEH Debris	Scrap	N/A	1	6	0.6	Scrap Bin	None	
UXO10-00734	21.27	10/3/2011	287667.48	3837079.69	Non-MPPEH Debris	Scrap	N/A	1	4	0.2	Scrap Bin	None	Hits next to power utilities
UXO10-00735	21.23	10/3/2011	287667.97	3837072.63	Non-MPPEH Debris	Scrap	N/A	3	4	0.3	Scrap Bin	None	
UXO10-00736	20.97	10/6/2011	287759.35	3837058.88	Non-MPPEH Debris	Scrap	N/A	1	6	0.1	Scrap Bin	None	
UXO10-00737	20.91	10/4/2011	287684.65	3837085.04	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00738	20.9	10/5/2011	287779.05	3837061.13	Non-MPPEH Debris	Scrap	N/A	1	3	10	Scrap Bin	None	
UXO10-00739	20.87	10/6/2011	287747.32	3837060.91	Non-MPPEH Debris	Scrap	N/A	2	5	0.4	Scrap Bin	None	
UXO10-00740	20.49	10/3/2011	287656.08	3837056.44	Non-MPPEH Debris	Scrap	N/A	5	6	0.1	Scrap Bin	None	
UXO10-00741	20.41	10/3/2011	287659.28	3837059.98	Facility Resource	Facility Resource	Utility	0	0	0	Left in Place	None	Hit over buried utility
UXO10-00742	20.36	10/5/2011	287706.65	3837040.49	Non-MPPEH Debris	Scrap	N/A	2	4	0.5	Scrap Bin	None	
UXO10-00743	20.13	10/5/2011	287709.67	3837049.53	Non-MPPEH Debris	Scrap	N/A	2	18	0.25	Left in Place	None	Trash pit left in place on authority of UXOQCS
UXO10-00744	19.9	10/5/2011	287699.34	3837051.47	Non-MPPEH Debris	Scrap	N/A	3	8	1.25	Scrap Bin	None	
UXO10-00745	19.6	10/3/2011	287719.4	3837044.75	Non-MPPEH Debris	Scrap	N/A	1	8	1	Scrap Bin	None	
UXO10-00746	19.53	10/4/2011	287676.96	3837066.94	Non-MPPEH Debris	Scrap	N/A	1	5	0.25	Scrap Bin	None	
UXO10-00747	19.47	10/6/2011	287748.4	3837070.94	Non-MPPEH Debris	Scrap	N/A	1	6	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00748	19.35	10/3/2011	287727.64	3837038.79	Non-MPPEH Debris	Scrap	N/A	1	4	0.25	Scrap Bin	None	
UXO10-00749	19.3	10/3/2011	287707.7	3837025.02	Non-MPPEH Debris	Scrap	N/A	1	6	1.5	Scrap Bin	None	
UXO10-00750	19.16	10/3/2011	287722.17	3837025.93	SHD	Shared Target	Shared	0	25	0	Left in Place	None	Shared w/882
UXO10-00751	19.05	10/5/2011	287781.17	3837072.22	SHD	Shared Target	Shared	0	0	0	Left in Place	None	Shared w/ 625
UXO10-00752	18.83	10/3/2011	287664.67	3837070.06	Non-MPPEH Debris	Scrap	N/A	4	3	0.2	Scrap Bin	None	
UXO10-00753	18.74	10/4/2011	287667.26	3837083.43	Non-MPPEH Debris	Scrap	N/A	5	6	0.5	Scrap Bin	None	
UXO10-00754	18.72	10/3/2011	287659.19	3837056.29	Facility Resource	Facility Resource	Utility	0	0	0	Left in Place	None	Hit over buried utility
UXO10-00755	18.72	10/6/2011	287743.73	3837096.48	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00756	18.45	10/3/2011	287719.22	3837053.99	Non-MPPEH Debris	Scrap	N/A	1	8	0.25	Scrap Bin	None	
UXO10-00757	18.43	10/4/2011	287665.46	3837113.28	Non-MPPEH Debris	Scrap	N/A	2	4	0.3	Scrap Bin	None	
UXO10-00758	18.29	10/4/2011	287740.21	3837097.95	Non-MPPEH Debris	Scrap	N/A	1	3	1	Scrap Bin	None	
UXO10-00759	18.26	10/4/2011	287671.68	3837112	Non-MPPEH Debris	Scrap	N/A	1	1	2	Scrap Bin	None	
UXO10-00760	18.24	10/3/2011	287659.71	3837062.05	Facility Resource	Facility Resource	Utility	1	3	0.1	Left in Place	None	Hit over buried utility
UXO10-00761	18.23	10/6/2011	287734.37	3837069.77	Non-MPPEH Debris	Scrap	N/A	2	6	1	Scrap Bin	None	
UXO10-00762	18.11	10/3/2011	287660.13	3837056.29	Facility Resource	Facility Resource	Utility	2	3	0.25	Left in Place	None	Hit over buried utility
UXO10-00763	17.96	10/5/2011	287782.89	3837103.13	Non-MPPEH Debris	Scrap	N/A	5	7	0.5	Scrap Bin	None	
UXO10-00764	17.96	10/5/2011	287674.6	3837077.67	Non-MPPEH Debris	Scrap	N/A	1	0	0.25	Scrap Bin	None	
UXO10-00765	17.95	10/5/2011	287717.74	3837069.05	Non-MPPEH Debris	Scrap	N/A	2	1	0.2	Scrap Bin	None	
UXO10-00766	17.81	10/4/2011	287666.91	3837112.42	Non-MPPEH Debris	Scrap	N/A	2	4	2	Scrap Bin	None	
UXO10-00767	17.66	10/6/2011	287712.7	3837060.19	Non-MPPEH Debris	Scrap	N/A	6	6	0.3	Scrap Bin	None	
UXO10-00768	17.64	10/3/2011	287660.51	3837060.06	Facility Resource	Facility Resource	Utility	1	6	0.1	Left in Place	None	Hit over buried utility
UXO10-00769	17.63	10/3/2011	287662.58	3837061.84	Non-MPPEH Debris	Scrap	N/A	2	4	0.2	Scrap Bin	None	
UXO10-00770	17.56	10/6/2011	287722.07	3837064.7	Non-MPPEH Debris	Scrap	N/A	1	12	2	Scrap Bin	None	

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-00771	17.52	10/5/2011	287790.13	3837073.34	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00772	17.46	10/6/2011	287733.85	3837060.75	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-00773	17.37	10/4/2011	287659.53	3837087.21	Non-MPPEH Debris	Scrap	N/A	1	6	0.2	Scrap Bin	None	
UXO10-00774	17.28	10/5/2011	287780.75	3837060.74	SHD	Shared Target	Shared	0	0	0	Left in Place	None	Shared w/708
UXO10-00775	17.17	10/3/2011	287710.55	3837036.5	Non-MPPEH Debris	Scrap	N/A	1	6	3	Scrap Bin	None	
UXO10-00776	17.12	10/5/2011	287716.59	3837081.37	Non-MPPEH Debris	Scrap	N/A	1	6	0.5	Scrap Bin	None	
UXO10-00777	17.12	10/4/2011	287688.33	3837059.61	Non-MPPEH Debris	Scrap	N/A	1	18	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS
UXO10-00778	16.97	10/4/2011	287736.62	3837045.83	Non-MPPEH Debris	Scrap	N/A	1	7	0.25	Scrap Bin	None	
UXO10-00779	16.96	10/5/2011	287756.13	3837052.92	Non-MPPEH Debris	Scrap	N/A	5	13	0.5	Scrap Bin	None	
UXO10-00780	16.92	10/3/2011	287666.89	3837072.81	Non-MPPEH Debris	Scrap	N/A	4	6	0.2	Scrap Bin	None	
UXO10-00781	16.89	10/3/2011	287661.09	3837061.92	Facility Resource	Facility Resource	Utility	1	3	0.2	Left in Place	None	Hit over buried utility
UXO10-00782	16.75	10/4/2011	287671.28	3837061.4	Non-MPPEH Debris	Scrap	N/A	3	2	0.2	Scrap Bin	None	
UXO10-00783	16.61	10/5/2011	287711.79	3837043.44	Non-MPPEH Debris	Scrap	N/A	2	4	0.2	Scrap Bin	None	
UXO10-00784	16.58	10/4/2011	287681.11	3837079.93	SHD	Shared Target	Shared	0	0	0	Left in Place	None	Shared w/ 630
UXO10-00785	16.58	10/5/2011	287783.25	3837100.37	No Contact	No Contact	N/A	0	0	0	Left in Place	None	
UXO10-00786	16.46	10/5/2011	287767.98	3837058.77	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-00787	16.44	10/4/2011	287667.78	3837061.4	Non-MPPEH Debris	Scrap	N/A	2	6	0.2	Scrap Bin	None	
UXO10-00788	16.3	10/6/2011	287741.13	3837103.32	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00789	16.22	10/4/2011	287694.66	3837104.01	Non-MPPEH Debris	Scrap	N/A	3	5	0.75	Scrap Bin	None	
UXO10-00790	16.21	10/4/2011	287673.72	3837057.53	Non-MPPEH Debris	Scrap	N/A	2	5	0.2	Scrap Bin	None	
UXO10-00791	16.18	10/5/2011	287732.59	3837058.93	Non-MPPEH Debris	Scrap	N/A	8	2	0.75	Scrap Bin	None	
UXO10-00792	16.16	10/6/2011	287735.58	3837069.57	Non-MPPEH Debris	Scrap	N/A	2	10	5	Scrap Bin	None	
UXO10-00793	16.02	10/4/2011	287725.18	3837047.79	Non-MPPEH Debris	Scrap	N/A	20	5	5	Scrap Bin	None	
UXO10-00794	15.91	10/5/2011	287697.97	3837053.55	Non-MPPEH Debris	Scrap	N/A	2	5	0.25	Scrap Bin	None	
UXO10-00795	15.88	10/4/2011	287724.07	3837064.71	Non-MPPEH Debris	Scrap	N/A	1	6	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00796	15.83	10/4/2011	287722.07	3837062.38	Non-MPPEH Debris	Scrap	N/A	1	6	0.25	Scrap Bin	None	
UXO10-00797	15.77	10/3/2011	287656.76	3837059.97	Non-MPPEH Debris	Scrap	N/A	10	6	0.2	Scrap Bin	None	
UXO10-00798	15.71	10/6/2011	287744.9	3837061.95	Non-MPPEH Debris	Scrap	N/A	1	3	0.2	Scrap Bin	None	
UXO10-00799	15.57	10/4/2011	287677.78	3837089.24	Non-MPPEH Debris	Scrap	N/A	3	6	0.35	Scrap Bin	None	
UXO10-00800	15.49	10/6/2011	287719.22	3837064.61	Non-MPPEH Debris	Scrap	N/A	10	2	0.2	Scrap Bin	None	
UXO10-00801	15.48	10/3/2011	287656.56	3837081.67	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00802	15.45	10/5/2011	287788.51	3837099.44	Non-MPPEH Debris	Scrap	N/A	3	2	0.2	Scrap Bin	None	
UXO10-00803	15.43	10/3/2011	287708.16	3837029.28	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-00804	15.43	10/6/2011	287742.34	3837062.95	Non-MPPEH Debris	Scrap	N/A	1	6	0.2	Scrap Bin	None	
UXO10-00805	15.31	10/4/2011	287676.29	3837071.77	Non-MPPEH Debris	Scrap	N/A	4	12	0.25	Scrap Bin	None	
UXO10-00806	15.28	10/4/2011	287670.38	3837093.94	Non-MPPEH Debris	Scrap	N/A	3	8	0.2	Scrap Bin	None	
UXO10-00807	15.17	10/3/2011	287708.78	3837031.84	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00808	15.03	10/4/2011	287682.38	3837058.9	Non-MPPEH Debris	Scrap	N/A	12	10	0.2	Scrap Bin	None	
UXO10-00809	14.91	10/5/2011	287709.21	3837055.16	Non-MPPEH Debris	Scrap	N/A	1	3	0.2	Scrap Bin	None	
UXO10-00810	14.91	10/3/2011	287723.27	3837026.12	TBD	TBD	Greater than 2 ft	1	25	0	Left in Place	None	
UXO10-00811	14.78	10/5/2011	287712.11	3837049.17	Non-MPPEH Debris	Scrap	N/A	1	1	0.15	Scrap Bin	None	
UXO10-00812	14.73	10/6/2011	287740.23	3837072.59	Non-MPPEH Debris	Scrap	N/A	4	4	0.25	Scrap Bin	None	
UXO10-00813	14.53	10/3/2011	287661.3	3837060.14	Non-MPPEH Debris	Scrap	N/A	1	3	0.2	Scrap Bin	None	
UXO10-00814	14.4	10/5/2011	287729.47	3837084.78	Non-MPPEH Debris	Scrap	N/A	1	4	0.25	Scrap Bin	None	
UXO10-00815	14.14	10/4/2011	287669.19	3837099.43	SHD	Shared Target	Shared	1	0	0	Left in Place	None	Shared w/ 492
UXO10-00816	14.07	10/6/2011	287763.54	3837095.96	SHD	Shared Target	Shared	0	0	0	Left in Place	None	Shared w/442
UXO10-00817	14.03	10/3/2011	287718.67	3837031.45	Non-MPPEH Debris	Scrap	N/A	1	7	0.1	Scrap Bin	None	
UXO10-00818	13.95	10/6/2011	287688.67	3837119.33	Non-MPPEH Debris	Scrap	N/A	1	5	0.3	Scrap Bin	None	
UXO10-00819	13.95	10/3/2011	287658.46	3837059.96	Facility Resource	Facility Resource	Utility	0	0	0	Left in Place	None	Hit over buried utility
UXO10-00820	13.86	10/6/2011	287734.94	3837077.23	Non-MPPEH Debris	Scrap	N/A	2	4	1.2	Scrap Bin	None	
UXO10-00821	13.81	10/5/2011	287701.57	3837061.28	Non-MPPEH Debris	Scrap	N/A	2	6	0.5	Scrap Bin	None	
UXO10-00822	13.77	10/4/2011	287669.91	3837105.19	TBD	TBD	Greater than 2 ft	1	25	0	Left in Place	None	
UXO10-00823	13.75	10/5/2011	287706.59	3837041.44	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00824	13.73	10/3/2011	287669.13	3837069.51	TBD	TBD	Greater than 2 ft	0	25	0	Left in Place	None	
UXO10-00825	13.59	10/6/2011	287729.8	3837059.08	Non-MPPEH Debris	Scrap	N/A	2	3	0.2	Scrap Bin	None	

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-00826	13.49	10/3/2011	287707.84	3837035.89	Non-MPPEH Debris	Scrap	N/A	1	3	0.5	Scrap Bin	None	
UXO10-00827	13.46	10/5/2011	287753.83	3837052.65	Non-MPPEH Debris	Scrap	N/A	4	2	0.25	Scrap Bin	None	
UXO10-00828	13.43	10/6/2011	287684.13	3837117.61	Non-MPPEH Debris	Scrap	N/A	1	1	0.2	Scrap Bin	None	
UXO10-00829	13.39	10/5/2011	287706.51	3837091.28	Non-MPPEH Debris	Scrap	N/A	2	3	0.2	Scrap Bin	None	
UXO10-00830	13.36	10/6/2011	287672.76	3837116.43	Non-MPPEH Debris	Scrap	N/A	3	2	0.2	Scrap Bin	None	
UXO10-00831	13.21	10/5/2011	287697.15	3837054.23	Non-MPPEH Debris	Scrap	N/A	1	18	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00832	13.17	10/5/2011	287778.89	3837066.38	Non-MPPEH Debris	Scrap	N/A	1	2	5	Scrap Bin	None	
UXO10-00833	13.16	10/4/2011	287726.12	3837053.65	Non-MPPEH Debris	Scrap	N/A	1	3	0.5	Scrap Bin	None	
UXO10-00834	13.1	10/6/2011	287741.14	3837072.41	Non-MPPEH Debris	Scrap	N/A	1	20	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS
UXO10-00835	13.04	10/6/2011	287716.92	3837056.4	Non-MPPEH Debris	Scrap	N/A	4	6	0.3	Scrap Bin	None	
UXO10-00836	12.94	10/3/2011	287675.97	3837111.37	Non-MPPEH Debris	Scrap	N/A	1	6	0.1	Scrap Bin	None	
UXO10-00837	12.93	10/6/2011	287703.51	3837022.41	Non-MPPEH Debris	Scrap	N/A	1	4	0.2	Scrap Bin	None	
UXO10-00838	12.93	10/4/2011	287723.17	3837064.62	Non-MPPEH Debris	Scrap	N/A	1	12	0.25	Scrap Bin	None	
UXO10-00839	12.82	10/3/2011	287718.03	3837051.31	Non-MPPEH Debris	Scrap	N/A	1	4	4	Scrap Bin	None	
UXO10-00840	12.8	10/5/2011	287753.24	3837051.69	Non-MPPEH Debris	Scrap	N/A	1	20	2	Scrap Bin	None	
UXO10-00841	12.79	10/3/2011	287657.16	3837067.7	Non-MPPEH Debris	Scrap	N/A	2	0	0.2	Scrap Bin	None	
UXO10-00842	12.78	10/5/2011	287772.41	3837074.66	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00843	12.77	10/6/2011	287754.03	3837076.57	Non-MPPEH Debris	Scrap	N/A	5	8	0.5	Scrap Bin	None	
UXO10-00844	12.73	10/5/2011	287779.55	3837051.12	Non-MPPEH Debris	Scrap	N/A	4	2	0.2	Scrap Bin	None	
UXO10-00845	12.6	10/6/2011	287660.1	3837070.76	Facility Resource	Facility Resource	Utility	1	0	0	Left in Place	None	Utility
UXO10-00846	12.56	10/6/2011	287657.69	3837059.96	Non-MPPEH Debris	Scrap	N/A	1	4	0.2	Scrap Bin	None	
UXO10-00847	12.56	10/3/2011	287772.86	3837079.9	Non-MPPEH Debris	Scrap	N/A	3	8	0.2	Scrap Bin	None	
UXO10-00848	12.51	10/6/2011	287684.68	3837060.03	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00849	12.45	10/5/2011	287760	3837052.93	Non-MPPEH Debris	Scrap	N/A	6	4	0.3	Scrap Bin	None	
UXO10-00850	12.41	10/5/2011	287707.88	3837042.29	Non-MPPEH Debris	Scrap	N/A	12	6	1.5	Scrap Bin	None	
UXO10-00851	12.4	10/4/2011	287733.97	3837052.32	Non-MPPEH Debris	Scrap	N/A	2	5	0.75	Scrap Bin	None	
UXO10-00852	12.23	10/3/2011	287719.5	3837031.37	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-00853	12.13	10/5/2011	287786.48	3837056.67	Non-MPPEH Debris	Scrap	N/A	14	2	2	Scrap Bin	None	
UXO10-00854	12.06	10/6/2011	287679.02	3837120.84	Non-MPPEH Debris	Scrap	N/A	2	2	0.3	Scrap Bin	None	
UXO10-00855	12.05	10/3/2011	287723.42	3837040.77	Non-MPPEH Debris	Scrap	N/A	1	4	0.75	Scrap Bin	None	
UXO10-00856	11.96	10/6/2011	287673.08	3837118.96	Non-MPPEH Debris	Scrap	N/A	2	4	0.1	Scrap Bin	None	
UXO10-00857	11.94	10/3/2011	287708.7	3837025.2	Non-MPPEH Debris	Scrap	N/A	1	5	0.1	Scrap Bin	None	
UXO10-00858	11.9	10/3/2011	287658.8	3837062.1	Non-MPPEH Debris	Scrap	N/A	1	3	0.2	Scrap Bin	None	
UXO10-00859	11.64	10/5/2011	287768.12	3837105.9	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00860	11.63	10/6/2011	287682.26	3837117.91	Non-MPPEH Debris	Scrap	N/A	1	12	0.2	Scrap Bin	None	
UXO10-00861	11.63	10/6/2011	287716.98	3837112.36	Non-MPPEH Debris	Scrap	N/A	1	0	1	Scrap Bin	None	
UXO10-00862	11.48	10/3/2011	287708.6	3837038.65	Non-MPPEH Debris	Scrap	N/A	1	2	0.25	Scrap Bin	None	
UXO10-00863	11.47	10/5/2011	287801.22	3837100.41	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-00864	11.32	10/6/2011	287691.26	3837116.77	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-00865	11.28	10/3/2011	287705.32	3837026.79	Non-MPPEH Debris	Scrap	N/A	1	8	0.1	Scrap Bin	None	
UXO10-00866	11.28	10/5/2011	287789.42	3837102.2	Non-MPPEH Debris	Scrap	N/A	8	1	0.3	Scrap Bin	None	
UXO10-00867	11.19	10/4/2011	287665.76	3837057.15	Non-MPPEH Debris	Scrap	N/A	2	4	0.2	Scrap Bin	None	
UXO10-00868	11.15	10/5/2011	287782.56	3837054.19	Non-MPPEH Debris	Scrap	N/A	2	12	1	Scrap Bin	None	
UXO10-00869	11.08	10/5/2011	287783.17	3837067.91	Non-MPPEH Debris	Scrap	N/A	1	6	0.25	Scrap Bin	None	
UXO10-00870	11.07	10/6/2011	287762.09	3837069.19	Non-MPPEH Debris	Scrap	N/A	1	4	0.25	Scrap Bin	None	
UXO10-00871	11.03	10/3/2011	287726.62	3837044.27	Non-MPPEH Debris	Scrap	N/A	1	18	5	Scrap Bin	None	
UXO10-00872	10.95	10/6/2011	287740.37	3837110.47	Facility Resource	Facility Resource	Utility	1	0	0	Left in Place	None	Hit over buried utility
UXO10-00873	10.92	10/3/2011	287657.76	3837083.94	Non-MPPEH Debris	Scrap	N/A	1	5	0.2	Scrap Bin	None	
UXO10-00874	10.81	10/6/2011	287719.57	3837062.28	Non-MPPEH Debris	Scrap	N/A	5	3	0.2	Scrap Bin	None	
UXO10-00875	10.81	10/6/2011	287750.34	3837095.26	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00876	10.73	10/5/2011	287760.78	3837050.65	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00877	10.72	10/5/2011	287698.94	3837054	Non-MPPEH Debris	Scrap	N/A	2	1	4	Scrap Bin	None	
UXO10-00878	10.69	10/5/2011	287781.09	3837092.56	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00879	10.57	10/4/2011	287672.46	3837068.9	Non-MPPEH Debris	Scrap	N/A	3	7	0.2	Scrap Bin	None	
UXO10-00880	10.52	10/5/2011	287698.75	3837053.22	Non-MPPEH Debris	Scrap	N/A	1	3	0.2	Scrap Bin	None	

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-00881	10.51	10/6/2011	287722.02	3837113.74	Non-MPPEH Debris	Scrap	N/A	5	2	0.35	Scrap Bin	None	
UXO10-00882	10.51	10/3/2011	287704.56	3837089.29	TBD	TBD	Greater than 2 ft	1	25	0	Left in Place	None	
UXO10-00883	10.42	10/6/2011	287765.62	3837093.79	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00884	10.42	10/6/2011	287684.97	3837119.99	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00885	10.4	10/5/2011	287695.39	3837074.4	Non-MPPEH Debris	Scrap	N/A	4	7	0.75	Scrap Bin	None	
UXO10-00886	10.35	10/3/2011	287721.4	3837044.52	Non-MPPEH Debris	Scrap	N/A	1	10	1	Scrap Bin	None	
UXO10-00887	10.27	10/3/2011	287729.37	3837044.73	Non-MPPEH Debris	Scrap	N/A	1	12	0.5	Scrap Bin	None	
UXO10-00888	10.24	10/3/2011	287661.26	3837083.67	Non-MPPEH Debris	Scrap	N/A	1	12	0.5	Scrap Bin	None	
UXO10-00889	10.22	10/5/2011	287663.46	3837061.78	TBD	TBD	Greater than 2 ft	0	25	0	Left in Place	None	
UXO10-00890	10.06	10/6/2011	287713.88	3837060.09	Non-MPPEH Debris	Scrap	N/A	4	8	0.3	Scrap Bin	None	
UXO10-00891	10.04	10/4/2011	287655.08	3837073.36	Non-MPPEH Debris	Scrap	N/A	1	1	0.2	Scrap Bin	None	
UXO10-00892	9.98	10/6/2011	287791.12	3837073.37	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00893	9.93	10/3/2011	287724.83	3837033.25	Non-MPPEH Debris	Scrap	N/A	1	8	0.75	Scrap Bin	None	
UXO10-00894	9.78	10/4/2011	287670.76	3837099.38	SHD	Shared Target	Shared	1	3	0.15	Left in Place	None	Also concrete left in place shared w/ 492
UXO10-00895	9.67	10/5/2011	287694.13	3837077.01	Non-MPPEH Debris	Scrap	N/A	2	4	0.25	Scrap Bin	None	
UXO10-00896	9.67	10/5/2011	287770.68	3837054.36	Non-MPPEH Debris	Scrap	N/A	1	10	10	Scrap Bin	None	
UXO10-00897	9.66	10/6/2011	287775.07	3837077.36	Non-MPPEH Debris	Scrap	N/A	1	3	0.75	Scrap Bin	None	
UXO10-00898	9.63	10/6/2011	287780.31	3837103.55	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00899	9.61	10/6/2011	287670.31	3837112.17	Non-MPPEH Debris	Scrap	N/A	1	24	0.1	Scrap Bin	None	
UXO10-00900	9.57	10/6/2011	287757.68	3837094.29	Non-MPPEH Debris	Scrap	N/A	1	4	1.5	Scrap Bin	None	
UXO10-00901	9.57	10/5/2011	287715.01	3837087.16	No Contact	No Contact	N/A	0	0	0	Left in Place	None	
UXO10-00902	9.5	10/6/2011	287736.7	3837064.97	Non-MPPEH Debris	Scrap	N/A	1	4	0.1	Scrap Bin	None	
UXO10-00903	9.45	10/6/2011	287744.56	3837102.78	Facility Resource	Facility Resource	Utility	1	24	0	Left in Place	None	
UXO10-00904	9.43	10/5/2011	287795.78	3837096.09	Non-MPPEH Debris	Scrap	N/A	6	10	0.25	Scrap Bin	None	
UXO10-00905	9.39	10/3/2011	287717.85	3837038.66	Non-MPPEH Debris	Scrap	N/A	1	1	1	Scrap Bin	None	
UXO10-00906	9.36	10/5/2011	287766.65	3837046.65	Non-MPPEH Debris	Scrap	N/A	1	6	0.5	Scrap Bin	None	
UXO10-00907	9.29	10/4/2011	287742.15	3837041.15	Non-MPPEH Debris	Scrap	N/A	1	7	0.1	Scrap Bin	None	
UXO10-00908	9.2	10/6/2011	287736.48	3837069.41	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00909	9.17	10/3/2011	287719.56	3837036.4	Non-MPPEH Debris	Scrap	N/A	1	8	30	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-00910	9.15	10/5/2011	287713.77	3837087.36	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00911	9.13	10/3/2011	287723.14	3837053.93	Non-MPPEH Debris	Scrap	N/A	1	8	0.5	Scrap Bin	None	
UXO10-00912	9.05	10/4/2011	287660.87	3837090.46	No Contact	No Contact	N/A	0	0	0	Left in Place	None	
UXO10-00913	9.02	10/6/2011	287746.42	3837062.01	Non-MPPEH Debris	Scrap	N/A	2	6	0.2	Scrap Bin	None	
UXO10-00914	8.86	10/4/2011	287756.73	3837040.03	Non-MPPEH Debris	Scrap	N/A	1	10	0.25	Scrap Bin	None	
UXO10-00915	8.84	10/3/2011	287654.66	3837065.79	Non-MPPEH Debris	Scrap	N/A	1	2	0.25	Scrap Bin	None	
UXO10-00916	8.81	10/5/2011	287689.08	3837057.8	Non-MPPEH Debris	Scrap	N/A	1	5	0.25	Scrap Bin	None	
UXO10-00917	8.8	10/4/2011	287656.09	3837073.19	Non-MPPEH Debris	Scrap	N/A	2	2	0.1	Scrap Bin	None	
UXO10-00918	8.78	10/3/2011	287667.34	3837069.79	Non-MPPEH Debris	Scrap	N/A	3	9	0.3	Scrap Bin	None	
UXO10-00919	8.72	10/3/2011	287712.36	3837087.4	Non-MPPEH Debris	Scrap	N/A	6	3	0.2	Scrap Bin	None	
UXO10-00920	8.62	10/4/2011	287687.25	3837107.45	Non-MPPEH Debris	Scrap	N/A	2	3	0.2	Scrap Bin	None	
UXO10-00921	8.61	10/5/2011	287735.97	3837101.84	TBD	TBD	Greater than 2 ft	0	0	0	Left in Place	None	
UXO10-00922	8.6	10/5/2011	287708.67	3837048.78	Non-MPPEH Debris	Scrap	N/A	6	10	0.2	Scrap Bin	None	
UXO10-00923	8.59	10/3/2011	287724	3837038.67	Non-MPPEH Debris	Scrap	N/A	1	4	1	Scrap Bin	None	
UXO10-00924	8.59	10/5/2011	287708.16	3837091.45	Non-MPPEH Debris	Scrap	N/A	3	5	0.25	Scrap Bin	None	
UXO10-00925	8.57	10/4/2011	287662.21	3837091.09	Facility Resource	Facility Resource	Utility	0	25	0	Left in Place	None	Hit over buried utility
UXO10-00926	8.54	10/3/2011	287669.22	3837067.44	Non-MPPEH Debris	Scrap	N/A	1	4	0.2	Scrap Bin	None	
UXO10-00927	8.53	10/6/2011	287774.79	3837092.7	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00928	8.52	10/6/2011	287795.07	3837095.18	Non-MPPEH Debris	Scrap	N/A	1	6	0.1	Scrap Bin	None	
UXO10-00929	8.51	10/4/2011	287677.6	3837093.01	Non-MPPEH Debris	Scrap	N/A	6	8	0.3	Scrap Bin	None	
UXO10-00930	8.49	10/5/2011	287710.79	3837087.37	No Contact	No Contact	N/A	0	0	0	Left in Place	None	
UXO10-00931	8.42	10/6/2011	287732.96	3837108.82	Non-MPPEH Debris	Scrap	N/A	2	3	0.1	Scrap Bin	None	
UXO10-00932	8.39	10/4/2011	287683.41	3837089.99	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-00933	8.36	10/5/2011	287774.44	3837051.16	Non-MPPEH Debris	Scrap	N/A	1	8	5	Scrap Bin	None	
UXO10-00934	8.34	10/3/2011	287653.59	3837060	Non-MPPEH Debris	Scrap	N/A	3	2	0.2	Scrap Bin	None	
UXO10-00935	8.3	10/5/2011	287691.33	3837059.23	Non-MPPEH Debris	Scrap	N/A	2	9	0.2	Scrap Bin	None	

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-00936	8.26	10/5/2011	287796.54	3837062.59	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00937	8.11	10/3/2011	287657.02	3837073.11	Facility Resource	Facility Resource	Utility	3	2	0.1	Left in Place	None	Over buried utilities
UXO10-00938	8.1	10/5/2011	287706.61	3837073.67	Non-MPPEH Debris	Scrap	N/A	1	5	0.2	Scrap Bin	None	
UXO10-00939	8.1	10/6/2011	287740.46	3837085.9	No Contact	No Contact	N/A	0	24	0	Left in Place	None	
UXO10-00940	8.01	10/4/2011	287682.76	3837090.51	Non-MPPEH Debris	Scrap	N/A	4	4	0.2	Scrap Bin	None	
UXO10-00941	8	10/3/2011	287653.05	3837057.93	Non-MPPEH Debris	Scrap	N/A	4	4	0.2	Scrap Bin	None	
UXO10-00942	7.99	10/6/2011	287713.91	3837114.98	Non-MPPEH Debris	Scrap	N/A	7	3	0.5	Scrap Bin	None	
UXO10-00943	7.96	10/5/2011	287732.75	3837054.55	Non-MPPEH Debris	Scrap	N/A	5	3	0.25	Scrap Bin	None	
UXO10-00944	7.95	10/6/2011	287712.23	3837113.1	Non-MPPEH Debris	Scrap	N/A	2	3	0.2	Scrap Bin	None	
UXO10-00945	7.95	10/5/2011	287762.6	3837055.77	Non-MPPEH Debris	Scrap	N/A	2	7	0.2	Scrap Bin	None	
UXO10-00946	7.94	10/5/2011	287725.75	3837055.46	Non-MPPEH Debris	Scrap	N/A	1	3	0.25	Scrap Bin	None	
UXO10-00947	7.88	10/6/2011	287739.71	3837103.43	Non-MPPEH Debris	Scrap	N/A	1	3	0.2	Scrap Bin	None	
UXO10-00948	7.87	10/3/2011	287715.3	3837045.06	Non-MPPEH Debris	Scrap	N/A	1	2	0.5	Scrap Bin	None	
UXO10-00949	7.8	10/4/2011	287689.98	3837079.39	Non-MPPEH Debris	Scrap	N/A	4	4	0.2	Scrap Bin	None	
UXO10-00950	7.78	10/6/2011	287745.35	3837102.69	Non-MPPEH Debris	Scrap	N/A	8	6	0.5	Scrap Bin	None	
UXO10-00951	7.77	10/5/2011	287800.53	3837062.16	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00952	7.77	10/5/2011	287749.22	3837052.19	Non-MPPEH Debris	Scrap	N/A	2	3	0.75	Scrap Bin	None	
UXO10-00953	7.76	10/4/2011	287671.6	3837108.24	Non-MPPEH Debris	Scrap	N/A	1	8	0.1	Scrap Bin	None	
UXO10-00954	7.73	10/6/2011	287764.59	3837064.87	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00955	7.69	10/5/2011	287702.83	3837050.56	Non-MPPEH Debris	Scrap	N/A	3	3	0.2	Scrap Bin	None	
UXO10-00956	7.59	10/5/2011	287786.09	3837053.61	Non-MPPEH Debris	Scrap	N/A	4	5	0.25	Scrap Bin	None	
UXO10-00957	7.55	10/3/2011	287709.61	3837027.37	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-00958	7.52	10/5/2011	287778.04	3837057.4	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00959	7.46	10/3/2011	287662.78	3837060.45	Non-MPPEH Debris	Scrap	N/A	1	3	0.25	Scrap Bin	None	
UXO10-00960	7.45	10/5/2011	287683.19	3837065.44	Non-MPPEH Debris	Scrap	N/A	3	4	0.2	Scrap Bin	None	
UXO10-00961	7.42	10/4/2011	287696.65	3837102.51	Non-MPPEH Debris	Scrap	N/A	2	3	0.2	Scrap Bin	None	
UXO10-00962	7.37	10/4/2011	287679.62	3837084.54	Non-MPPEH Debris	Scrap	N/A	10	8	0.5	Scrap Bin	None	
UXO10-00963	7.37	10/3/2011	287656.52	3837082.68	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00964	7.37	10/5/2011	287765.09	3837046.5	Non-MPPEH Debris	Scrap	N/A	1	6	0.2	Scrap Bin	None	
UXO10-00965	7.36	10/3/2011	287657.45	3837070.94	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00966	7.33	10/5/2011	287731.19	3837087.88	Non-MPPEH Debris	Scrap	N/A	5	7	0.6	Scrap Bin	None	
UXO10-00967	7.32	10/4/2011	287689.64	3837080.67	Non-MPPEH Debris	Scrap	N/A	1	3	0.2	Scrap Bin	None	
UXO10-00968	7.32	10/3/2011	287658.9	3837083.98	Facility Resource	Facility Resource	Utility	1	1	0.1	Left in Place	None	Over waterline
UXO10-00969	7.2	10/5/2011	287814.59	3837060.8	Non-MPPEH Debris	Scrap	N/A	3	6	0.2	Scrap Bin	None	
UXO10-00970	7.18	10/6/2011	287758.84	3837047.33	Non-MPPEH Debris	Scrap	N/A	1	3	0.2	Scrap Bin	None	
UXO10-00971	7.17	10/5/2011	287766.68	3837054.73	Non-MPPEH Debris	Scrap	N/A	1	7	0.25	Scrap Bin	None	
UXO10-00972	7.14	10/6/2011	287771.58	3837094.9	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00973	7.05	10/3/2011	287715.23	3837035.39	Non-MPPEH Debris	Scrap	N/A	1	3	1	Scrap Bin	None	
UXO10-00974	7.04	10/5/2011	287788.14	3837058.96	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00975	7.01	10/3/2011	287653.93	3837065.56	Non-MPPEH Debris	Scrap	N/A	1	14	0.2	Scrap Bin	None	
UXO10-00976	6.99	10/6/2011	287736.09	3837077.79	Non-MPPEH Debris	Scrap	N/A	1	2	0.2	Scrap Bin	None	
UXO10-00977	6.98	10/5/2011	287779.53	3837063.4	SHD	Shared Target	Shared	0	0	0	Left in Place	None	Shared w/738
UXO10-00978	6.96	10/6/2011	287666.8	3837115.77	Non-MPPEH Debris	Scrap	N/A	1	0	1	Scrap Bin	None	
UXO10-00979	6.93	10/5/2011	287685.75	3837069.81	Non-MPPEH Debris	Scrap	N/A	4	4	0.2	Scrap Bin	None	
UXO10-00980	6.92	10/4/2011	287695.6	3837103.72	Non-MPPEH Debris	Scrap	N/A	1	3	1	Scrap Bin	None	
UXO10-00981	6.92	10/5/2011	287696.96	3837056.64	Non-MPPEH Debris	Scrap	N/A	2	5	0.2	Scrap Bin	None	
UXO10-00982	6.91	10/6/2011	287734.11	3837111.52	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-00983	6.89	10/5/2011	287788.71	3837056.48	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-00984	6.87	10/4/2011	287676.2	3837068.14	Non-MPPEH Debris	Scrap	N/A	1	6	0.2	Scrap Bin	None	
UXO10-00985	6.86	10/3/2011	287653.51	3837070.14	Non-MPPEH Debris	Scrap	N/A	1	3	0.2	Scrap Bin	None	
UXO10-00986	6.82	10/6/2011	287744.23	3837080.82	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00987	6.8	10/4/2011	287712.05	3837027.21	Non-MPPEH Debris	Scrap	N/A	1	1	0.2	Scrap Bin	None	
UXO10-00988	6.77	10/6/2011	287755.02	3837108.15	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-00989	6.76	10/5/2011	287744.62	3837052.75	Non-MPPEH Debris	Scrap	N/A	1	18	0.1	Scrap Bin	None	
UXO10-00990	6.74	10/6/2011	287744.7	3837079.47	Non-MPPEH Debris	Scrap	N/A	3	2	0.2	Scrap Bin	None	

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-00991	6.72	10/5/2011	287769.42	3837051.12	Non-MPPEH Debris	Scrap	N/A	1	5	0.2	Scrap Bin	None	
UXO10-00992	6.69	10/6/2011	287657.94	3837062.12	Non-MPPEH Debris	Scrap	N/A	2	4	0.2	Scrap Bin	None	
UXO10-00993	6.68	10/3/2011	287705.39	3837025.35	Non-MPPEH Debris	Scrap	N/A	1	8	0.25	Scrap Bin	None	
UXO10-00994	6.67	10/6/2011	287746.33	3837098.97	Non-MPPEH Debris	Scrap	N/A	2	3	0.2	Scrap Bin	None	
UXO10-00995	6.66	10/6/2011	287712.53	3837051.96	Non-MPPEH Debris	Scrap	N/A	2	10	0.2	Scrap Bin	None	
UXO10-00996	6.63	10/3/2011	287652.7	3837059.12	Non-MPPEH Debris	Scrap	N/A	3	2	0.1	Scrap Bin	None	
UXO10-00997	6.63	10/5/2011	287787.96	3837061.94	Non-MPPEH Debris	Scrap	N/A	5	10	0.5	Scrap Bin	None	
UXO10-00998	6.63	10/6/2011	287742.62	3837082.42	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-00999	6.61	10/6/2011	287731.22	3837112.08	Non-MPPEH Debris	Scrap	N/A	2	1	0.1	Scrap Bin	None	
UXO10-01000	6.58	10/5/2011	287750.6	3837052.02	Non-MPPEH Debris	Scrap	N/A	1	4	0.25	Scrap Bin	None	
UXO10-01001	6.58	10/3/2011	287713.61	3837039.31	Non-MPPEH Debris	Scrap	N/A	1	8	0.25	Scrap Bin	None	
UXO10-01002	6.57	10/5/2011	287764.2	3837050.01	Non-MPPEH Debris	Scrap	N/A	1	6	0.1	Scrap Bin	None	
UXO10-01003	6.54	10/5/2011	287795.25	3837097.6	Non-MPPEH Debris	Scrap	N/A	1	6	0.5	Scrap Bin	None	
UXO10-01004	6.53	10/4/2011	287659.07	3837089.39	Facility Resource	Facility Resource	Utility	0	0	0	Left in Place	None	Hit over buried utility
UXO10-01005	6.52	10/3/2011	287722.42	3837038.61	Non-MPPEH Debris	Scrap	N/A	1	3	0.2	Scrap Bin	None	
UXO10-01006	6.51	10/6/2011	287750.37	3837070.78	No Contact	No Contact	N/A	0	18	0	Left in Place	None	Location 14,121 meters west
UXO10-01007	6.45	10/6/2011	287713.8	3837054.72	Non-MPPEH Debris	Scrap	N/A	8	8	0.2	Scrap Bin	None	
UXO10-01008	6.43	10/6/2011	287787.03	3837091.35	Non-MPPEH Debris	Scrap	N/A	1	1	0.3	Scrap Bin	None	
UXO10-01009	6.34	10/6/2011	287767.49	3837073.17	Non-MPPEH Debris	Scrap	N/A	1	4	0.25	Scrap Bin	None	
UXO10-01010	6.34	10/6/2011	287795.43	3837087.95	No Contact	No Contact	N/A	0	24	0	Left in Place	None	Locate 1203 m north
UXO10-01011	6.29	10/6/2011	287701.44	3837060.36	Non-MPPEH Debris	Scrap	N/A	2	12	0.1	Scrap Bin	None	
UXO10-01012	6.26	10/4/2011	287756.18	3837041.53	Non-MPPEH Debris	Scrap	N/A	1	24	0	Left in Place	None	Construction debris left in place on authority of UXOQCS
UXO10-01013	6.24	10/6/2011	287772	3837105.22	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-01014	6.2	10/5/2011	287812.7	3837058.81	Non-MPPEH Debris	Scrap	N/A	5	2	0.25	Scrap Bin	None	
UXO10-01015	6.18	10/4/2011	287745.13	3837049.96	Non-MPPEH Debris	Scrap	N/A	1	2	0.5	Scrap Bin	None	
UXO10-01016	6.14	10/6/2011	287704.12	3837056.26	Non-MPPEH Debris	Scrap	N/A	2	3	0.2	Scrap Bin	None	
UXO10-01017	6.13	10/3/2011	287707	3837030.83	Non-MPPEH Debris	Scrap	N/A	1	5	0.1	Scrap Bin	None	
UXO10-01018	6.1	10/6/2011	287741.77	3837064.8	Non-MPPEH Debris	Scrap	N/A	2	4	0.2	Scrap Bin	None	
UXO10-01019	6.08	10/6/2011	287715.53	3837054.54	Non-MPPEH Debris	Scrap	N/A	3	3	0.2	Scrap Bin	None	
UXO10-01020	6.05	10/5/2011	287686.49	3837071.54	Non-MPPEH Debris	Scrap	N/A	3	4	0.3	Scrap Bin	None	
UXO10-01021	6.03	10/3/2011	287709.97	3837019.85	Non-MPPEH Debris	Scrap	N/A	1	8	1	Scrap Bin	None	
UXO10-01022	6.03	10/3/2011	287726.52	3837035.97	Non-MPPEH Debris	Scrap	N/A	1	8	0.5	Scrap Bin	None	
UXO10-01023	6.01	10/6/2011	287757.16	3837107.76	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01024	6.01	10/6/2011	287689.9	3837119.14	Non-MPPEH Debris	Scrap	N/A	1	1	0.2	Scrap Bin	None	
UXO10-01025	6	10/5/2011	287790.02	3837088.51	Non-MPPEH Debris	Scrap	N/A	2	14	0.1	Scrap Bin	None	
UXO10-01026	6	10/6/2011	287684.59	3837117.04	Non-MPPEH Debris	Scrap	N/A	1	1	0.2	Scrap Bin	None	
UXO10-01027	5.99	10/5/2011	287777.73	3837076.77	Non-MPPEH Debris	Scrap	N/A	1	5	0.3	Scrap Bin	None	
UXO10-01028	5.96	10/6/2011	287718.27	3837064.5	Non-MPPEH Debris	Scrap	N/A	5	1	0.2	Scrap Bin	None	
UXO10-01029	5.94	10/5/2011	287791.15	3837066.98	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01030	5.93	10/4/2011	287735.61	3837092.95	Non-MPPEH Debris	Scrap	N/A	1	2	0.5	Scrap Bin	None	
UXO10-01031	5.92	10/5/2011	287738.68	3837053.74	Non-MPPEH Debris	Scrap	N/A	1	24	1	Scrap Bin	None	
UXO10-01032	5.89	10/3/2011	287713.31	3837040.2	Non-MPPEH Debris	Scrap	N/A	1	2	0.25	Scrap Bin	None	
UXO10-01033	5.89	10/6/2011	287737.16	3837111.08	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-01034	5.86	10/6/2011	287738.77	3837074.96	Non-MPPEH Debris	Scrap	N/A	9	4	0.3	Scrap Bin	None	
UXO10-01035	5.84	10/6/2011	287702.85	3837063.33	Non-MPPEH Debris	Scrap	N/A	2	10	0.1	Scrap Bin	None	
UXO10-01036	5.8	10/3/2011	287715.6	3837029.35	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01037	5.77	10/4/2011	287671.76	3837057.51	Non-MPPEH Debris	Scrap	N/A	1	4	0.1	Scrap Bin	None	
UXO10-01038	5.75	10/4/2011	287685.5	3837057.44	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-01039	5.75	10/6/2011	287712.93	3837054.74	Non-MPPEH Debris	Scrap	N/A	3	3	0.3	Scrap Bin	None	
UXO10-01040	5.7	10/6/2011	287709.89	3837115.74	Non-MPPEH Debris	Scrap	N/A	2	3	0.2	Scrap Bin	None	
UXO10-01041	5.68	10/6/2011	287740.91	3837068.61	Non-MPPEH Debris	Scrap	N/A	1	20	0	Scrap Bin	None	Construction debris left in place on authority of UXOQCS
UXO10-01042	5.68	10/6/2011	287714.91	3837051.7	Non-MPPEH Debris	Scrap	N/A	4	3	0.3	Scrap Bin	None	
UXO10-01043	5.67	10/4/2011	287687.78	3837057.01	Non-MPPEH Debris	Scrap	N/A	3	8	0.3	Scrap Bin	None	
UXO10-01044	5.67	10/6/2011	287762.31	3837106.97	Non-MPPEH Debris	Scrap	N/A	1	4	0.2	Scrap Bin	None	
UXO10-01045	5.65	10/6/2011	287732.19	3837092.78	Non-MPPEH Debris	Scrap	N/A	5	6	0.2	Scrap Bin	None	

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-01046	5.64	10/5/2011	287779.79	3837054.03	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01047	5.64	10/5/2011	287783.97	3837054.1	Non-MPPEH Debris	Scrap	N/A	2	3	0.2	Scrap Bin	None	
UXO10-01048	5.63	10/4/2011	287700.09	3837064.81	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01049	5.63	10/5/2011	287737.93	3837053.85	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-01050	5.62	10/6/2011	287755.67	3837108.03	Non-MPPEH Debris	Scrap	N/A	1	3	0.2	Scrap Bin	None	
UXO10-01051	5.62	10/6/2011	287784.05	3837089.97	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-01052	5.58	10/3/2011	287654.03	3837057.15	Non-MPPEH Debris	Scrap	N/A	2	5	0.1	Scrap Bin	None	
UXO10-01053	5.57	10/5/2011	287683.31	3837064.31	Non-MPPEH Debris	Scrap	N/A	2	5	0.2	Scrap Bin	None	
UXO10-01054	5.56	10/6/2011	287699.94	3837058.23	Non-MPPEH Debris	Scrap	N/A	4	4	0.35	Scrap Bin	None	
UXO10-01055	5.45	10/4/2011	287685.26	3837058.29	Non-MPPEH Debris	Scrap	N/A	2	4	0.1	Scrap Bin	None	
UXO10-01056	5.43	10/5/2011	287718.69	3837079.31	Non-MPPEH Debris	Scrap	N/A	2	6	0.1	Scrap Bin	None	
UXO10-01057	5.4	10/6/2011	287741.85	3837053.24	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01058	5.39	10/6/2011	287770.79	3837093.42	Non-MPPEH Debris	Scrap	N/A	3	2	0.2	Scrap Bin	None	
UXO10-01059	5.36	10/4/2011	287747.78	3837046.88	Non-MPPEH Debris	Scrap	N/A	1	10	0.1	Scrap Bin	None	
UXO10-01060	5.35	10/3/2011	287727.75	3837035.9	Non-MPPEH Debris	Scrap	N/A	1	0	0.25	Scrap Bin	None	
UXO10-01061	5.34	10/3/2011	287655.87	3837065.83	Non-MPPEH Debris	Scrap	N/A	2	4	0.1	Scrap Bin	None	
UXO10-01062	5.28	10/4/2011	287681.45	3837087.01	Non-MPPEH Debris	Scrap	N/A	2	3	0.3	Scrap Bin	None	
UXO10-01063	5.24	10/6/2011	287699.6	3837062.93	Non-MPPEH Debris	Scrap	N/A	7	6	0.1	Scrap Bin	None	
UXO10-01064	5.21	10/5/2011	287774.79	3837104.68	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01065	5.2	10/6/2011	287719.12	3837027.41	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-01066	5.18	10/5/2011	287796.2	3837060.45	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-01067	5.17	10/4/2011	287756.08	3837042.53	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01068	5.16	10/3/2011	287656.23	3837067.64	Non-MPPEH Debris	Scrap	N/A	1	4	0.2	Scrap Bin	None	
UXO10-01069	5.11	10/4/2011	287671.35	3837082.92	Non-MPPEH Debris	Scrap	N/A	3	3	0.2	Scrap Bin	None	
UXO10-01070	5.11	10/4/2011	287684.35	3837058.53	Non-MPPEH Debris	Scrap	N/A	3	6	0.2	Scrap Bin	None	
UXO10-01071	5.11	10/4/2011	287671.07	3837105.03	Non-MPPEH Debris	Scrap	N/A	4	1	0.1	Scrap Bin	None	
UXO10-01072	5.1	10/6/2011	287711.13	3837060.33	Non-MPPEH Debris	Scrap	N/A	2	6	0.2	Scrap Bin	None	
UXO10-01073	5.09	10/6/2011	287728.78	3837112.31	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01074	5.06	10/4/2011	287743.58	3837050.31	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01075	5.06	10/3/2011	287656	3837071.04	Non-MPPEH Debris	Scrap	N/A	4	6	0.2	Scrap Bin	None	
UXO10-01076	5.04	10/6/2011	287735.64	3837098.71	Non-MPPEH Debris	Scrap	N/A	2	5	0.2	Scrap Bin	None	
UXO10-01077	5.02	10/4/2011	287728.5	3837077.95	Non-MPPEH Debris	Scrap	N/A	1	4	0.1	Scrap Bin	None	
UXO10-01078	4.98	10/5/2011	287787.35	3837059.21	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01079	4.98	10/5/2011	287747.24	3837052.3	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-01080	4.98	10/6/2011	287707.95	3837049.77	Non-MPPEH Debris	Scrap	N/A	5	8	0.2	Scrap Bin	None	
UXO10-01081	4.97	10/5/2011	287743.44	3837053.01	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01082	4.96	10/5/2011	287808.72	3837061.53	Non-MPPEH Debris	Scrap	N/A	1	12	0.5	Scrap Bin	None	
UXO10-01083	4.93	10/3/2011	287653.31	3837068.55	Non-MPPEH Debris	Scrap	N/A	2	1	0.1	Scrap Bin	None	
UXO10-01084	4.84	10/6/2011	287731.27	3837045.01	Non-MPPEH Debris	Scrap	N/A	1	5	0.1	Scrap Bin	None	
UXO10-01085	4.83	10/6/2011	287682.46	3837120.24	Non-MPPEH Debris	Scrap	N/A	1	10	0.1	Scrap Bin	None	
UXO10-01086	4.82	10/3/2011	287706.66	3837116.37	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01087	4.78	10/4/2011	287745.1	3837047.31	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-01088	4.75	10/4/2011	287737.13	3837051.6	Non-MPPEH Debris	Scrap	N/A	6	4	0.5	Scrap Bin	None	
UXO10-01089	4.75	10/4/2011	287681.6	3837076.83	Non-MPPEH Debris	Scrap	N/A	2	2	0.1	Scrap Bin	None	
UXO10-01090	4.74	10/6/2011	287701.23	3837062.04	Non-MPPEH Debris	Scrap	N/A	6	0	0.1	Scrap Bin	None	
UXO10-01091	4.73	10/4/2011	287675.08	3837107.92	Non-MPPEH Debris	Scrap	N/A	3	4	1.2	Scrap Bin	None	
UXO10-01092	4.72	10/3/2011	287653.79	3837067.9	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01093	4.7	10/4/2011	287693.55	3837104.08	Non-MPPEH Debris	Scrap	N/A	2	3	0.1	Scrap Bin	None	
UXO10-01094	4.68	10/6/2011	287698.78	3837115.34	Non-MPPEH Debris	Scrap	N/A	1	12	0.1	Scrap Bin	None	
UXO10-01095	4.67	10/3/2011	287714.11	3837031.78	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01096	4.66	10/5/2011	287746.25	3837052.42	Non-MPPEH Debris	Scrap	N/A	1	4	0.2	Scrap Bin	None	
UXO10-01097	4.65	10/3/2011	287654.96	3837056.79	Non-MPPEH Debris	Scrap	N/A	3	18	0.25	Scrap Bin	None	
UXO10-01098	4.64	10/6/2011	287761.29	3837080.6	Non-MPPEH Debris	Scrap	N/A	1	6	0.1	Scrap Bin	None	
UXO10-01099	4.63	10/6/2011	287704.34	3837053.21	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01100	4.63	10/3/2011	287710.33	3837029.2	Non-MPPEH Debris	Scrap	N/A	1	10	0.25	Scrap Bin	None	

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-01101	4.6	10/6/2011	287786.32	3837099.78	Non-MPPEH Debris	Scrap	N/A	1	0	0.25	Scrap Bin	None	
UXO10-01102	4.59	10/6/2011	287731.26	3837080.83	Non-MPPEH Debris	Scrap	N/A	1	4	0.2	Scrap Bin	None	
UXO10-01103	4.57	10/3/2011	287714.23	3837036.35	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01104	4.56	10/4/2011	287687.83	3837084.25	Non-MPPEH Debris	Scrap	N/A	1	4	0.1	Scrap Bin	None	
UXO10-01105	4.52	10/5/2011	287784.27	3837056.77	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-01106	4.49	10/5/2011	287791.18	3837058.35	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01107	4.46	10/5/2011	287783.03	3837062.62	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-01108	4.45	10/4/2011	287682.84	3837060.17	Non-MPPEH Debris	Scrap	N/A	3	2	0.1	Scrap Bin	None	
UXO10-01109	4.43	10/6/2011	287709.73	3837057.05	Non-MPPEH Debris	Scrap	N/A	5	3	0.5	Scrap Bin	None	
UXO10-01110	4.4	10/6/2011	287737.42	3837084.75	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-01111	4.39	10/4/2011	287739.98	3837044.91	Non-MPPEH Debris	Scrap	N/A	1	12	1	Scrap Bin	None	
UXO10-01112	4.38	10/5/2011	287797.34	3837062.44	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01113	4.36	10/3/2011	287711.67	3837033.35	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01114	4.34	10/6/2011	287736.92	3837098.91	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01115	4.31	10/4/2011	287680.94	3837091.94	Non-MPPEH Debris	Scrap	N/A	4	5	0.2	Scrap Bin	None	
UXO10-01116	4.28	10/5/2011	287736.48	3837054.01	Non-MPPEH Debris	Scrap	N/A	2	2	0.25	Scrap Bin	None	
UXO10-01117	4.28	10/4/2011	287658.66	3837087.64	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-01118	4.28	10/3/2011	287717.24	3837029.35	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01119	4.27	10/6/2011	287747.08	3837063.74	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01120	4.27	10/6/2011	287745.77	3837071.26	Non-MPPEH Debris	Scrap	N/A	1	2	0.15	Scrap Bin	None	
UXO10-01121	4.23	10/6/2011	287660.78	3837087.04	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01122	4.18	10/4/2011	287723.36	3837059.39	Non-MPPEH Debris	Scrap	N/A	1	6	0.1	Scrap Bin	None	
UXO10-01123	4.18	10/4/2011	287674.73	3837074.45	Non-MPPEH Debris	Scrap	N/A	3	6	0.2	Scrap Bin	None	
UXO10-01124	4.17	10/5/2011	287758.3	3837096.68	Non-MPPEH Debris	Scrap	N/A	1	4	0.1	Scrap Bin	None	
UXO10-01125	4.15	10/6/2011	287738.88	3837069	Non-MPPEH Debris	Scrap	N/A	3	5	0.1	Scrap Bin	None	
UXO10-01126	4.12	10/5/2011	287764.13	3837059.29	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-01127	4.11	10/4/2011	287740.94	3837099.37	Non-MPPEH Debris	Scrap	N/A	1	2	0.5	Scrap Bin	None	
UXO10-01128	4.08	10/4/2011	287755.51	3837045.24	Non-MPPEH Debris	Scrap	N/A	1	4	0.1	Scrap Bin	None	
UXO10-01129	4.05	10/6/2011	287731.98	3837111.89	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01130	4.01	10/6/2011	287654.89	3837067.57	Facility Resource	Facility Resource	Utility	1	24	0	Left in Place	None	Utility
UXO10-01131	4.01	10/6/2011	287756.22	3837059.54	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-01132	4.01	10/4/2011	287687.57	3837053.4	Non-MPPEH Debris	Scrap	N/A	1	1	0.3	Scrap Bin	None	
UXO10-01133	4	10/4/2011	287673.95	3837107.98	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-01134	3.98	10/6/2011	287666	3837115	Facility Resource	Facility Resource	Utility	1	24	0	Left in Place	None	Utility
UXO10-01135	3.93	10/3/2011	287662.3	3837056.6	Non-MPPEH Debris	Scrap	N/A	1	5	0.1	Scrap Bin	None	
UXO10-01136	3.92	10/5/2011	287695.35	3837059.02	Non-MPPEH Debris	Scrap	N/A	2	3	0.1	Scrap Bin	None	
UXO10-01137	3.9	10/6/2011	287708.23	3837116.13	No Contact	No Contact	N/A	0	24	0	Left in Place	None	
UXO10-01138	3.89	10/5/2011	287740.83	3837053.4	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-01139	3.88	10/4/2011	287736.52	3837095.51	Non-MPPEH Debris	Scrap	N/A	5	10	0.75	Scrap Bin	None	
UXO10-01140	3.86	10/3/2011	287712.87	3837041.22	Non-MPPEH Debris	Scrap	N/A	1	1	0.75	Scrap Bin	None	
UXO10-01141	3.85	10/5/2011	287789.3	3837067.51	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-01142	3.8	10/5/2011	287792.61	3837055.76	Non-MPPEH Debris	Scrap	N/A	1	4	0.1	Scrap Bin	None	
UXO10-01143	3.8	10/5/2011	287711.48	3837090.57	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-01144	3.8	10/6/2011	287747.28	3837102.52	Non-MPPEH Debris	Scrap	N/A	3	0	0.1	Scrap Bin	None	
UXO10-01145	3.8	10/6/2011	287709.7	3837113.57	No Contact	No Contact	N/A	0	24	0	Left in Place	None	
UXO10-01146	3.77	10/6/2011	287761.22	3837096.16	Non-MPPEH Debris	Scrap	N/A	2	2	0.1	Scrap Bin	None	
UXO10-01147	3.76	10/3/2011	287708.6	3837019.62	Non-MPPEH Debris	Scrap	N/A	1	5	0.2	Scrap Bin	None	
UXO10-01148	3.75	10/4/2011	287686.6	3837053.17	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01149	3.75	10/6/2011	287702.3	3837059.86	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01150	3.74	10/4/2011	287679.67	3837092.51	Non-MPPEH Debris	Scrap	N/A	6	6	0.2	Scrap Bin	None	
UXO10-01151	3.72	10/3/2011	287720.42	3837029.28	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-01152	3.72	10/5/2011	287681.17	3837066.61	Non-MPPEH Debris	Scrap	N/A	1	4	0.2	Scrap Bin	None	
UXO10-01153	3.71	10/4/2011	287725.42	3837036.03	Non-MPPEH Debris	Scrap	N/A	1	6	0.5	Scrap Bin	None	
UXO10-01154	3.7	10/3/2011	287654.7	3837060.02	Non-MPPEH Debris	Scrap	N/A	6	4	0.25	Scrap Bin	None	
UXO10-01155	3.7	10/3/2011	287660.28	3837083.88	Non-MPPEH Debris	Scrap	N/A	1	5	0.1	Scrap Bin	None	

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-01156	3.68	10/4/2011	287738.37	3837092.65	Non-MPPEH Debris	Scrap	N/A	4	4	0.1	Scrap Bin	None	
UXO10-01157	3.67	10/5/2011	287718.29	3837059.67	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01158	3.67	10/5/2011	287776.1	3837075.81	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01159	3.65	10/5/2011	287765.49	3837103.81	Non-MPPEH Debris	Scrap	N/A	2	2	0.1	Scrap Bin	None	
UXO10-01160	3.63	10/6/2011	287779.8	3837097.3	Non-MPPEH Debris	Scrap	N/A	1	0	0.3	Scrap Bin	None	
UXO10-01161	3.61	10/6/2011	287786.55	3837096.31	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01162	3.6	10/5/2011	287695.76	3837065.07	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01163	3.59	10/3/2011	287668.33	3837077.29	Non-MPPEH Debris	Scrap	N/A	2	5	1.5	Scrap Bin	None	
UXO10-01164	3.58	10/6/2011	287745.07	3837109.63	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01165	3.56	10/3/2011	287720.33	3837053.88	Non-MPPEH Debris	Scrap	N/A	1	2	0.75	Scrap Bin	None	
UXO10-01166	3.55	10/5/2011	287706.81	3837052.63	Non-MPPEH Debris	Scrap	N/A	6	3	0.1	Scrap Bin	None	
UXO10-01167	3.55	10/6/2011	287701.88	3837056.2	Non-MPPEH Debris	Scrap	N/A	1	16	0.1	Scrap Bin	None	
UXO10-01168	3.54	10/6/2011	287723.57	3837073.98	Non-MPPEH Debris	Scrap	N/A	4	6	0.2	Scrap Bin	None	
UXO10-01169	3.53	10/3/2011	287656.85	3837062.19	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01170	3.52	10/4/2011	287681.4	3837103.74	Non-MPPEH Debris	Scrap	N/A	4	6	0.2	Scrap Bin	None	
UXO10-01171	3.51	10/3/2011	287654.36	3837062.25	Non-MPPEH Debris	Scrap	N/A	5	3	0.1	Scrap Bin	None	
UXO10-01172	3.5	10/5/2011	287709.28	3837072.9	Non-MPPEH Debris	Scrap	N/A	2	3	0.2	Scrap Bin	None	
UXO10-01173	3.5	10/5/2011	287717.04	3837087.97	Non-MPPEH Debris	Scrap	N/A	1	5	0.2	Scrap Bin	None	
UXO10-01174	3.5	10/4/2011	287685.22	3837088.61	Non-MPPEH Debris	Scrap	N/A	3	4	0.3	Scrap Bin	None	
UXO10-01175	3.5	10/6/2011	287786.49	3837074.09	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-01176	3.5	10/3/2011	287713.7	3837025.89	Non-MPPEH Debris	Scrap	N/A	1	4	0.1	Scrap Bin	None	
UXO10-01177	3.49	10/4/2011	287732.96	3837046.5	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01178	3.49	10/5/2011	287682	3837071.31	Non-MPPEH Debris	Scrap	N/A	8	3	0.2	Scrap Bin	None	
UXO10-01179	3.47	10/6/2011	287744.07	3837064.44	Non-MPPEH Debris	Scrap	N/A	1	4	0.1	Scrap Bin	None	
UXO10-01180	3.47	10/5/2011	287705.65	3837090.97	Non-MPPEH Debris	Scrap	N/A	1	5	0.2	Scrap Bin	None	
UXO10-01181	3.47	10/5/2011	287785.13	3837056.71	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01182	3.45	10/4/2011	287750.59	3837046.42	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-01183	3.44	10/6/2011	287675.02	3837118.72	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01184	3.42	10/6/2011	287705.64	3837060.42	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-01185	3.4	10/5/2011	287734.73	3837097.67	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-01186	3.38	10/4/2011	287684.53	3837089.15	Non-MPPEH Debris	Scrap	N/A	1	8	0.2	Scrap Bin	None	
UXO10-01187	3.38	10/4/2011	287671.9	3837099.44	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01188	3.35	10/5/2011	287772.24	3837051.1	Non-MPPEH Debris	Scrap	N/A	3	2	0.5	Scrap Bin	None	
UXO10-01189	3.33	10/5/2011	287763.15	3837046.54	Non-MPPEH Debris	Scrap	N/A	1	3	0.2	Scrap Bin	None	
UXO10-01190	3.33	10/5/2011	287805.03	3837064.75	Non-MPPEH Debris	Scrap	N/A	5	5	0.5	Scrap Bin	None	
UXO10-01191	3.32	10/5/2011	287715.1	3837088.31	Non-MPPEH Debris	Scrap	N/A	1	4	0.1	Scrap Bin	None	
UXO10-01192	3.31	10/4/2011	287687.89	3837082.87	Non-MPPEH Debris	Scrap	N/A	3	3	0.1	Scrap Bin	None	
UXO10-01193	3.31	10/4/2011	287675.92	3837095.91	Non-MPPEH Debris	Scrap	N/A	4	6	0.1	Scrap Bin	None	
UXO10-01194	3.3	10/6/2011	287704.6	3837114.21	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01195	3.28	10/5/2011	287694.83	3837064.86	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-01196	3.26	10/3/2011	287718.84	3837041.45	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-01197	3.26	10/4/2011	287685.62	3837077.72	Non-MPPEH Debris	Scrap	N/A	4	5	0.1	Scrap Bin	None	
UXO10-01198	3.24	10/6/2011	287718.1	3837114.22	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-01199	3.22	10/5/2011	287800.18	3837059.96	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01200	3.21	10/5/2011	287804.17	3837064.85	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01201	3.2	10/4/2011	287671.98	3837093.87	Non-MPPEH Debris	Scrap	N/A	2	4	0.1	Scrap Bin	None	
UXO10-01202	3.2	10/6/2011	287757.1	3837062.24	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01203	3.19	10/5/2011	287680.19	3837120.63	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-01204	3.17	10/5/2011	287768.16	3837054.54	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01205	3.17	10/5/2011	287695.52	3837085.35	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01206	3.17	10/5/2011	287798.06	3837057.64	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-01207	3.17	10/6/2011	287711.41	3837115.42	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01208	3.16	10/6/2011	287713.05	3837056.83	Non-MPPEH Debris	Scrap	N/A	4	6	0.1	Scrap Bin	None	
UXO10-01209	3.14	10/5/2011	287783.12	3837090.23	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01210	3.14	10/4/2011	287688.59	3837080.92	Non-MPPEH Debris	Scrap	N/A	2	3	0.1	Scrap Bin	None	

APPENDIX B

MEC Intrusive Investigation Results

Site UXO-10

MCB CamLej, North Carolina

Anomaly Identification	Amplitude (millivolts)	Dig Date	Easting (UTM)	Northing (UTM)	Item Group	Item Class	Category	Quantity	Depth (inch)	Weight (pound)	Action Taken	Demolition Required?	Item Comment
UXO10-01211	3.14	10/5/2011	287771.83	3837049.55	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01212	3.14	10/3/2011	287711.54	3837025.6	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01213	3.13	10/3/2011	287714.78	3837027.04	Non-MPPEH Debris	Scrap	N/A	1	4	0.1	Scrap Bin	None	
UXO10-01214	3.12	10/3/2011	287707.35	3837027.46	Non-MPPEH Debris	Scrap	N/A	1	4	0.1	Scrap Bin	None	
UXO10-01215	3.12	10/4/2011	287686.54	3837082.6	Non-MPPEH Debris	Scrap	N/A	20	10	0.5	Scrap Bin	None	
UXO10-01216	3.11	10/5/2011	287692.92	3837057.26	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	
UXO10-01217	3.11	10/6/2011	287761.58	3837062.14	Non-MPPEH Debris	Scrap	N/A	1	1	0.1	Scrap Bin	None	
UXO10-01218	3.11	10/5/2011	287774.88	3837057.51	Non-MPPEH Debris	Scrap	N/A	3	4	0.5	Scrap Bin	None	
UXO10-01219	3.1	10/6/2011	287756.67	3837065.6	Non-MPPEH Debris	Scrap	N/A	1	0	0.1	Scrap Bin	None	
UXO10-01220	3.09	10/4/2011	287725.73	3837064.67	Non-MPPEH Debris	Scrap	N/A	1	2	0.25	Scrap Bin	None	
UXO10-01221	3.07	10/4/2011	287677.25	3837102.81	Non-MPPEH Debris	Scrap	N/A	5	3	1.1	Scrap Bin	None	
UXO10-01222	3.06	10/4/2011	287720.4	3837056.05	Non-MPPEH Debris	Scrap	N/A	2	2	8	Scrap Bin	None	
UXO10-01223	3.06	10/5/2011	287791.73	3837063.46	Non-MPPEH Debris	Scrap	N/A	1	6	0.25	Scrap Bin	None	
UXO10-01224	3.05	10/6/2011	287758	3837051.02	Non-MPPEH Debris	Scrap	N/A	1	2	0.1	Scrap Bin	None	
UXO10-01225	3.05	10/6/2011	287687	3837116.08	No Contact	No Contact	N/A	0	24	0	Left in Place	None	
UXO10-01226	3.05	10/4/2011	287735.96	3837089.68	Non-MPPEH Debris	Scrap	N/A	1	5	0.5	Scrap Bin	None	
UXO10-01227	3.03	10/5/2011	287772.94	3837068.45	Non-MPPEH Debris	Scrap	N/A	1	4	0.1	Scrap Bin	None	
UXO10-01228	3.02	10/5/2011	287712.04	3837079.61	Non-MPPEH Debris	Scrap	N/A	1	3	0.1	Scrap Bin	None	

QC- quality control

N/A- not applicable

UXO- unexploded ordnance

UTM- Universal Transverse Mercator, Zone 18

UXOQCS- UXO Quality Control Specialist

Appendix C
Regulatory Correspondence



North Carolina Department of Environment and Natural Resources
Division of Waste Management

Beverly Eaves Perdue
Governor

Dexter R. Matthews
Director

Dee Freeman
Secretary

February 9, 2012

Mr. Bryan Beck
NAVFAC Mid-Atlantic
Code: OPCEV
NC/Caribbean IPT, EV Business Line
6506 Hampton Blvd
Norfolk, VA 23508-1273

RE: Comments on the Draft ESI Report for Site UXO-10, D-11A Flame Tank and Flame Thrower Range (ASR #2.136)
MCB Camp Lejeune,
NC6170022580
Jacksonville, Onslow County, North Carolina

Dear Mr. Beck:

The NC Superfund Section has received and reviewed the Draft Expanded Site Investigation Report for Munitions Response Program (MRP) Site UXO-10, D-11A Flame Tank and Flame Thrower Range (ASR #2.136), dated January 2012 and received for review on February 6, 2012. This investigation work was the subject MRP Site at Camp Lejeune, MCB located in Jacksonville, NC. If you have any questions or comments please contact me at (919) 707-8341.

The NC Superfund Section of NC DENR concurs with the conclusions and recommendations of the ESI Report.

The data clearly show that wide spread contamination of soil or groundwater is not present at MRP Site UXO-10. The soil contamination detected is inconsistent and is very close to the calculated background concentrations throughout the area. The same is true for the groundwater contaminants detected in the area and no defined contaminant plume exist in the area. Based on the re-evaluation of the analytical data from the intrusive anomaly investigation no additional sampling and risk screening are necessary and as stated in the Executive Summary of the report, the PA/SI risk Screening found no unacceptable risks to human or ecological receptors from exposure to site media and no High Explosive or consistent Munitions Potentially Presenting an Explosive Hazard were detected at the Site.

Dave Cleland

2/9/2012

Page 2 of 2

If you have any questions or comments, please contact me, at (919) 707-8341 or email randy.mcelveen@ncdenr.gov

Sincerely,

Randy McElveen
Environmental Engineer
NC Superfund Section

Cc: Dave Lown, NC Superfund Section, Electronic only
Charity Rychak, EMD/IR
Dave Cleland, NAVFAC
Gena Townsend, EPA Region IV

From: Schmithorst, Bill/RDU
Sent: Monday, March 19, 2012 12:45 PM
To: Schmithorst, Bill/RDU
Subject: FW: Henderson Pond & UXO-10 (ASR #2.136) EPA comments

From: Gena Townsend [<mailto:Townsend.Gena@epamail.epa.gov>]
Sent: Monday, March 12, 2012 10:04 AM
To: beth.hartzell@ncdenr.gov; bryan.k.beck@navy.mil; Bozzini, Chris/CLT; david.t.cleland@navy.mil; Henderson, Kimberly/VBO; marcy@rhea.us; martha.morgan@ncdenr.gov; Louth, Matt/VBO; Mark.Pisarcik@shawgrp.com; randy.mcelveen@ncdenr.gov; robert.a.lowder@usmc.mil; townsend.gena@epa.gov; scott@rhea.us; Tim Price; Rychak CIV Charity M; nicholas.a.schultz@usmc.mil
Subject: Henderson Pond & UXO-10 (ASR #2.136) EPA comments

Good Morning All,

This is a follow up email to document EPA's review of the Henderson Pond Tech Memo and the no comment response that was discussed at the March 6th meeting. Also EPA has reviewed the Draft ESI for UXO-10 (ASR #2.136) Former D-11A Flame Tank and Flame Thrower Range and have no comments. EPA agrees with the "no further action" recommendation and the "3R" munitions safety awareness training. These documents can be prepared as final.

Gena D. Townsend
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