00407

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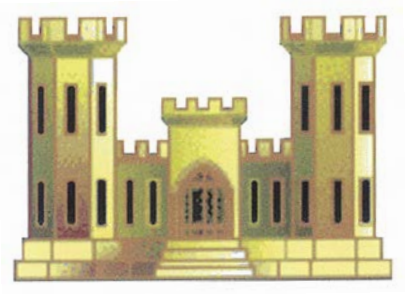
DRAFT REPORT

FOR THE

OE SITE SAMPLING AND CHARACTERIZATION
PROPOSED PRISON SITE
SENECA ARMY DEPOT; ROMULUS, NEW YORK

Prepared For:
Contracting Agency:
U.S. Army Engineering & Support Center, Huntsville, Alabama



Contract Number: DACA87-97-D-0005
Task Order: 0013

Prepared by:

EODT
EOD TECHNOLOGY, INC.

2229 Old Highway 95
Lenoir City, Tennessee 37771

December 2001

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ACRONYMS AND ABBREVIATIONS

BRAC	Base Realignment And Closure
CEHNC	U.S. Army Engineering and Support Center, Huntsville
EODT	EOD Technology, Inc.
HE	High explosive
IRFNA	
mV	millivolts
OB	open burning
OBG	Open Burning Grounds
OD	open detonation
OE	Ordnance and explosives
ORS	Ordnance-related scrap
OSS	On-Site Safety Specialist
PPE	Personal protective equipment
QA	Quality assurance
QC	Quality control
SEAD	Seneca Army Depot
SOW	Scope of Work
SSHP	Site Safety and Health Plan
SSO	Site Safety Officer
SSC	Site Sampling and Characterization
SUXOS	Senior UXO Supervisor
USACE	U.S. Army Corps of Engineers
UXO	Unexploded ordnance
UXOQCS	Unexploded Ordnance Quality Control Specialist
UXOSO	Unexploded Ordnance Safety Specialist
WP	Work Plan

1 INTRODUCTION

1.1 GOVERNMENT AUTHORIZATION

1.1.1 EOD Technology, Inc. (EODT) under contract to the U.S. Army Engineering and Support Center, Huntsville (CEHNC) performed an ordnance and explosives (OE) Site Sampling and Characterization (SSC) of two sites at the Proposed Prison Site, Seneca Army Depot (SEAD), located in Romulus, New York. Authorization for performance of this SSC is contained in Contract DACA87-97-D-0005, Task Order Number 0013 awarded by CEHNC on 8 April 1999.

1.1.2 The Scope of Work (SOW) for Task Order 0013 was issued 17 February 1999. The contractual requirements and agreements for the Task Order are established in the SOW presented in Appendix A. The SSC falls under the Base Realignment and Closure (BRAC) Program.

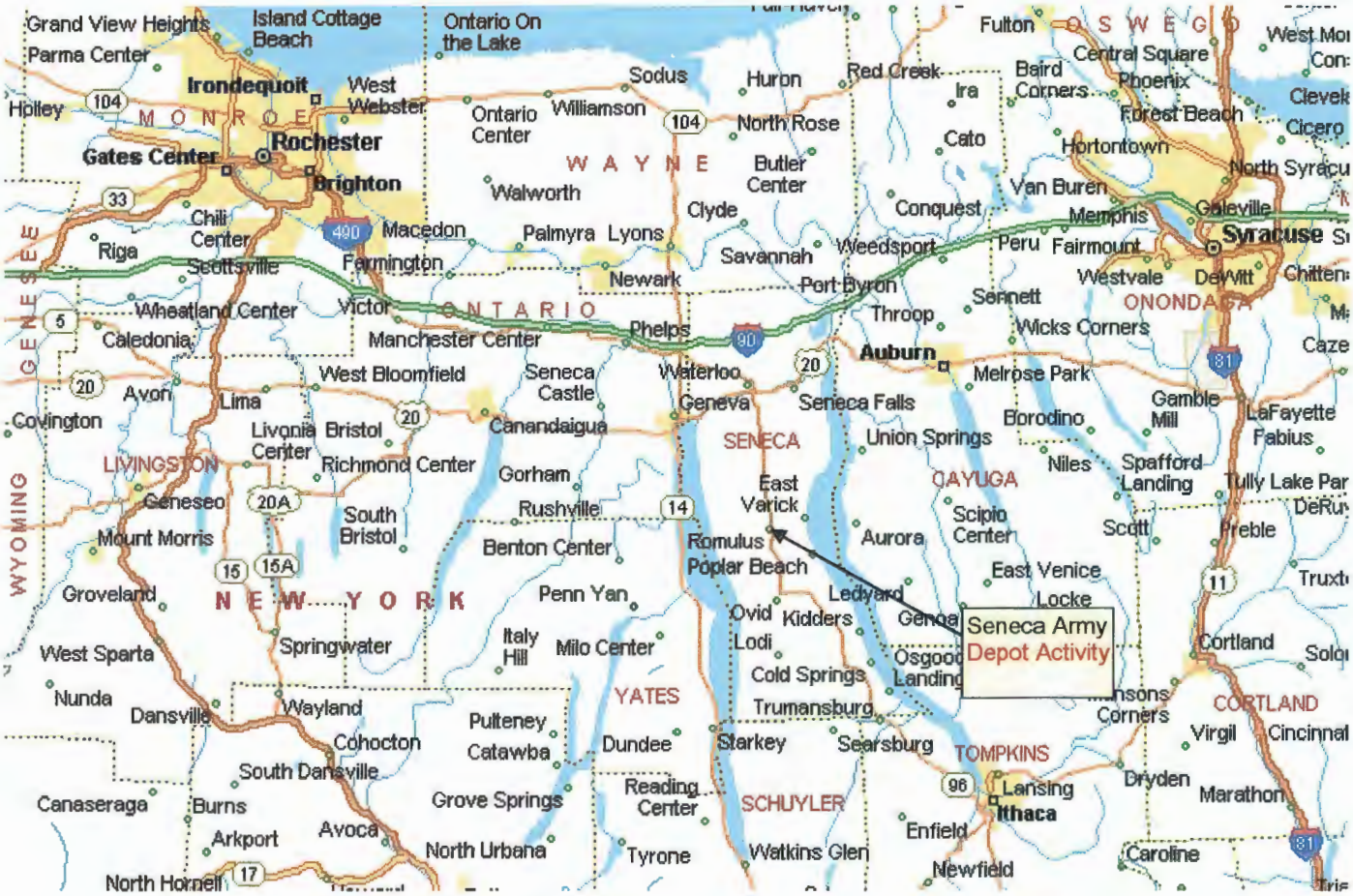
1.2 OBJECTIVE

1.2.1 The objective of the OE Site Sampling and Characterization was to characterize, with respect to the presence of OE, the two areas in question within the proposed prison tract as shown in Table 1-1.

Table 1-1
Characterization Areas
Seneca Army Depot, Romulus, New York

Area	Original Acres	Acres After Survey	Clearance Depth	Suspected Ordnance	Current & Future Land Use
SEAD-43	5	5	Two Feet	Containers of bulk Propellants	NY State Dept of Corrections
SEAD 44A	3	3	Two Feet	40mm Grenades	NY State Dept of Corrections
TOTALS	8	8			

FIGURE 1-1
SITE LOCATION MAP
NEW YORK, UNITED STATES, NORTH AMERICA



1.3 PURPOSE

1.3.1 The primary purpose of the SSC was to safely sample and characterize for OE contamination in the areas listed in Table 1-1. This effort was to determine the potential for public exposure to hazardous unexploded ordnance (UXO).

1.4 HISTORY

1.4.1 Since its inception in 1941, SEAD's primary mission has been the receipt, storage, maintenance and supply of conventional and nuclear, military munitions, as well as propellants Another of SEAD's missions was to conduct surety tests of stockpiled munitions through their Quality Assurance Specialist Ammunition Surveillance program. Surplus and off-specification military munitions and explosives were disposed of by open burning (OB) and open detonation (OD), with the former occurring at various places outside the munitions storage area, and the latter conducted at the munitions destruction area located in the Northwestern corner of the SEAD.

1.4.2 The 1995 Base Realignment and Closure (BRAC) commission recommended to Congress that SEAD be closed. This recommendation was approved in October 1995, and the depot was scheduled for closure by July 2001.

1.5 SITE

1.5.1 Liquid Propellant Storage Area (SEAD-43): This site was otherwise known as the Old Missile Propellant Test Laboratory, this site was operated in the 1960's. There was a concern that bulk quantities of propellants, and possibly IRFNA, might be buried on the site. The building had been used for herbicide and pesticide storage since 1976. The site to be characterized is approximately 5 acres in size. The target was buried containers of bulk propellants.

1.5.2 Function Test Area (No SEAD Designation) and Nearby Pits (SEAD-44A): This area was used for the Quality Assurance Testing of CS Grenades, firing devices and pyrotechnics. Materials were generally tested in small numbers (usually 24 rounds per test). The site to be characterized is approximately 3 acres in size. Remnants of 40mm grenades had been recently seen on the surface during a site visit.

1.5.3 EODT was tasked with characterizing, with respect to the presence of OE, the two areas within the proposed prison tract.

1.6 TECHNICAL APPROACH

Geophysical survey techniques were employed at both SEAD 43 and SEAD 44a to sample and characterize OE on the sites.

1.6.1 GEOPHYSICS

1.6.1.1 INSTRUMENT

1.6.1.1.1 EM-61

1.6.1.1.1.1 The subsurface surveys were performed using the Geonics EM-61. The EM-61 is a sensitive metal detector capable of discerning between separate targets in close proximity of each other. The EM-61 worked well in these developed areas due it is portability and site conditions conducive to this type of survey instrument.

1.6.1.1.1.2 The EM-61 consists of two coils stacked on top of each other, a backpack, and data logger. The bottom coil is a transmitter and receiver, while the top coil is only a receiver. The backpack houses the electronics and holds the twelve-volt battery that runs the entire system. The data logger is used to record and store the data while in the field.

1.6.1.1.1.3 The basic operation of the EM61 is based on a primary pulse, a delay, and a measurement of the secondary field. An electrical current is produced in the bottom coil, which generates the primary magnetic field. The primary magnet field propagates into the earth, causing eddy currents to be produced in conductive objects. The primary field is terminated and dissipates, leaving only the eddy currents. The eddy currents in turn produce a secondary field. Both coils then measure the secondary field. The response is measured in millivolts (mV). The depth of the targets can then be estimated by the ratio of the top and bottom coil measurements.

1.6.1.1.2 TEST PLOT

1.6.1.1.3 In agreement with CEHNC, no test grid data collection was performed. This decision was based on recently acquired and interpreted EM61data collected for the Procedure and Equipment Validation Test for Geophysical Investigation at the SEDA Open Burning Grounds (OBG) site characterization and OE investigation. The EM61 technique and reacquisition with the White's XLT, utilizing survey protocols developed from the OBG test survey met the goals of this characterization.

1.6.1.1.4 The OBG quality control line and static monitoring location were geophysically surveyed with the EM61 used for this site characterization to achieve continuity and correlation with the existing OBG data.

1.6.1.2 DATA COLLECTION

1.6.1.2.1 Data collection was performed in two areas (SEAD-43 and SEAD-44A) with the EM-61. The surveys were conducted by establishing grids throughout the different areas. Grids were surveyed in and marked with stakes. Grid notes were recorded noting any variations, names of data files, location, battery voltage, personnel, and date the data was collected.

1.6.1.4 INTERPRETATION

1.6.1.4.1 The geophysical data was interpreted using Surfer®, and Geosoft® software. The following was performed after data collection.

1.6.1.4.2 XYZ or DAT files were imported into Surfer® or Geosoft® software. Geophysical subsurface maps in NAD83 State Plane Coordinates were produced. Anomalies representing an UXO response were selected and recorded on the Subsurface Anomaly Inspection form in Microsoft® Excel format.

1.6.2 ANOMALY REACQUISITION

1.6.2.1 INSTRUMENTATION

1.6.2.1.1 WHITE'S SPECTRUM XLT METAL DETECTOR

1.6.2.1.1.2 The White's Spectrum XLT Ferrous and non-ferrous metal detector was used in the reacquisition phase of this site characterization investigation. The anomalies were reacquired using the White XLT all metal detectors and results were recorded on the Subsurface Anomaly Inspection form.

1.6.3 INVESTIGATION

1.6.3.1 863 anomalies, of interest were excavated and there description recorded on the Subsurface Anomaly Inspection Form. Of the 863 anomalies excavated 63 were excavated from SEAD-43 and 800 from SEAD 44A. Anomaly Type, Orientation, offset from flag, number of items found, approximate weight, and depth found were recorded. These Subsurface Anomaly Inspection Forms, and Subsurface Geophysical Magnetic Maps for Sites SEAD-43 and SEAD-44A included in Appendix H of this Site Characterization Report.

2 DISCUSSION

2.1 FIELD OPERATIONS

2.1.1 EODT performed the SSC utilizing two field teams. The teams of UXO–qualified personnel performed geophysical mapping, anomaly reacquisition and investigation. EODT recovered inert ordnance and stored the scrap for disposal. UXO qualified personnel selected by the Senior UXO Supervisor (SUXOS) detonated live ordnance in place.

2.1.2 Field operations were conducted by EODT personnel in the categories shown in Table 2-1.

Table 2-1
Permanent On–Site Personnel

Labor Category	Quantity
Senior UXO Supervisor (SUXOS)	1
UXO Safety Officer (UXOSO)/ UXO Quality Control Specialist (UXOQCS)	1[a]
UXO Tech III	2
UXO Tech II	3
TOTAL	7

[a]The UXOSO and the UXOQCS functions were combined.

2.1.3 The EODT field teams visually checked for surface ordnance items. The most prevalent ordnance located in SEAD-44A was a 40mm practice grenade. Only small arms ammunition was found in SEAD-43

2.1.4 As required by the SOW, drawings of the property being cleared are included in Appendix B, denoted as 'Figure B-1 - 43 and 44a Site Locations' and 'Figure B-2 - 43 and 44a Grid Locations'.

2.2 PREMOBILIZATION

2.2.1 Pre-mobilization was simplified by the shutdown of operations at the OBG at Seneca Army Depot (T.O 0003). All OBG personnel were moved to the proposed Prison site.

2.3 MOBILIZATION

2.3.1 On 12 April 1999, the main work force traveled to the Prison Site from the OBG site. Site familiarization and indoctrination briefings took place during that morning. Topics covered included company policy, site history, EODT and the Seneca Army Depot history, and current job requirements. Additionally, the WORK PLAN (WP) and Site Safety and Health Plan (SSHP) were reviewed and a safety briefing conducted. The route to the local hospital was explained. Equipment was inventoried, inspected and issued to the field team. The SUXOS met with Mr. Steve Absalom (Seneca BRAC Officer), for a tour of the two sites.

2.4 SITE CHARACTERIZATION

2.4.1 Operations began after the site briefing on 12 April 1999, with the team establishing the boundary of SEAD 44A. A visual surface sweep of the southern boundary was conducted.

2.4.2 Operations continued in SEAD 44A until 1 June 1999 when EODT was informed by CEHNC to stop all characterization in that area as it would be turned into a removal action. Operations started in SEAD 43 on 6 May 1999 with the surveying of grid corners.

2.4.3 During the project, EODT made safe by detonation two (2) live ordnance items.

2.4.5 No damage was done to any utilities or facilities during the conduct of this Task Order.

2.5 DEMOBILIZATION

2.5.1 On 7 June 1999, the main work force demobilized to the OBG site.

2.6 OBSTACLES

2.6.1. There were no obstacles encountered during the execution of these activities.

2.7 ACCOMPLISHMENTS

2.7.1 The total number of acres involved in the SSC was approximately 8. There were 96 surface and near surface (within two foot of the surface) ordnance items found.

2.7.2 A total of two (2) live OE items were destroyed during the SSC at the proposed Prison Sites.

TABLE 2-2
LIVE OE RECOVERED

Site	Description	Quantity
SEAD-44A	M407A1 40mm Grenade	1
SEAD44A	M651 40mm CS Grenade	1
	TOTAL MUNITIONS	2

2.7.3 There were two (2) live OE item detonated in place. Appendix E contains the demolition shot records.

2.7.4 EODT recovered 33 lbs. of OE scrap during the SSC.

3 DOCUMENTATION

3.1 WORK PLAN AND SITE SAFETY AND HEALTH PLAN (SSHP)

3.1.1 The Addendum 2 to the Generic WP for OE operations, at the Seneca Army Depot Activity, Romulus, New York supported actions performed during the removal operation and was submitted in 10 March 1999. The WP, which included the SSHP, provided detailed procedures to be used to protect workers, the general public and the environment during the SSC.

3.2 SUPPORTING INFORMATION

3.2.1 The required supporting information for this SSC is presented in the appendices as listed below.

Government Authorization	Appendix A
SEDA Map	Appendix B
Grid tracking Log	Appendix C
Quality Control and Quality Assurance	Appendix D
Demolition Shot Records	Appendix E
Daily SUXOS Log	Appendix F
Site Photographs	Appendix G
Geophysics	Appendix H
Video Tape (supplied separately)	Appendix I

4 SITE SAFETY

4.1 During on-site operations, the Site Safety And Health Officer (SSHO)/Quality Control (QC) was primarily responsible for the safety of site personnel, the general public and the environment. However, in agreement with the SSHP, all on-site personnel are tasked with ensuring their personal safety, as well as the safety of their other team members.

4.2 As mandated by its corporate policy, EODT is committed to providing all site personnel with the requisite information and resources needed to ensure site operations are conducted in a manner that protects site personnel from recognized, uncontrolled safety and health hazards. Therefore, during the development of the SSHP, EODT safety and health personnel attempted to anticipate, identify, evaluate and design control measures for the safety and health hazards that could be encountered during the SSC. Hazard identification and control data presented in the SSHP was disseminated to the site personnel during the initial on-site safety briefing. Additionally, all EODT and U.S. Army Corps of Engineers (USACE) personnel involved in this project were required to read the SSHP prior to involvement in hazardous site activities. Site personnel were then required to sign the SSHP Review and Approval Form, indicating their desire to comply with the safety and health procedures in the SSHP and to exercise reasonable caution at all times. Site personnel were instructed to immediately report to the SSHO/QC any site conditions, which may pose safety or health hazards to site personnel. To minimize the effect and impact of an on-site emergency, contingency plans and response procedures were also designed and presented in the SSHP.

4.3 The levels of personal protective equipment (PPE) and the safe work practices and procedures specified in the project SSHP were based on the best available information from archival research documents, previous site studies, current site data and professional experience. Site personnel, therefore, were cautioned that the requirements of the SSHP represented the minimum health and safety requirements to be observed by all personnel on this project.

4.4 To inform site personnel of the potential on-site hazards, a safety and health briefing was conducted prior to the initiation of hazardous site operations. Additionally, a tailgate safety briefing was conducted by the UXOSO prior to initiation of operations each day. Topics typically addressed in the safety briefings included UXO identification and hazard recognition, task-oriented hazard control procedures, weather conditions and emergency

response procedures.

4.5 Additional briefings and training (i.e., equipment operation and demolition operations) were provided by the UXOSO to address task-specific operational procedures and ensure that all team personnel understood the requisite WP procedures and hazard control techniques to be applied.

4.6 To ensure proper documentation of safety and health-related issues relevant to site operations, the SSHO/QC maintained a site safety log. Data pertaining to on-site operations were recorded in this log. The SSHO/QC also maintained the safety and health tracking log and other logs as outlined in the SSHP.

4.7 During the conduct of onsite operations, the SSHO/QC was responsible for conducting safety inspections of the team on a daily basis. During these inspections, the SSHO/QC ensured that the team's work-practices, PPE, equipment and vehicles conformed to applicable safety and health standards as specified in the approved SSHP. The SSHO/QC was also responsible for ensuring the compliance of all demolition operations and was responsible for responding to any accidents, illnesses or injuries that occurred.

4.8 The SSC was initiated on 12 April 1990 and was ended on 7 June 1999. During this period, EODT personnel worked 1610 hours in on-site performance of the SSC effort without a lost-time or property damage accident.

5 QUALITY CONTROL AND QUALITY ASSURANCE

5.1 Daily quality control checks were performed by EODT's UXOQCS. The daily QC routine also included, but was not limited to: inspecting the project field equipment, maintaining administrative records and monitoring all site activities such as geophysical mapping, reacquisition, investigation and demolition operations. Documentation of QC activities is contained in Appendix D.

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6 EXPOSURE DATA

6.1 EODT located a total of 96 ordnance items within the approximately 8 acres characterized at the Seneca Army Depot during the SSC. Of these ordnance items, two (2) were live and 66 were inert as presented in Table 6-1. Fuzed ordnance was disposed of in place by detonation.

6.2 A total of 33 lbs. of scrap was removed from the site as shown in Table 6-2. The types and quantities of materials utilized to accomplish the disposal are listed in Table 6-3. Demolition shot records and explosive receipts are contained in Appendix E.

6.3 Exposure data for this SSC, summarized in Table 6-4, shows that during the implementation of the SSC, site vehicles logged 1525 miles and consumed 315 gallons of gasoline. The total number of man hours expended performing field activities was 1610. The total number of flights and man-hours of flight time is shown in Table 6-5.

Table 6-1
LIVE AND INERT ORDNANCE RECOVERED

Ordnance Condition	Quantity
Live OE Recovered	2
Inert OE Recovered	94
Total OE	96

Table 6-2
SCRAP REMOVAL

Total Scrap
33 lbs.

Table 6-3
DEMOLITION MATERIALS USED

Type Of Demolition Material	Quantity
Detonators, Non-Electric	4 ea.
Detonation cord-100 grain	22 Feet
Perforators-19.5 grams	1 ea.
Time fuze	47 Feet
Fuze igniter	6 ea.
Yellow stick	2 ea.

Table 6-4
MAN HOURS – MILEAGE – FUEL USAGE

Total man-hours worked on site	1610
Total motor vehicle mileage	1525
Total gallons of gasoline consumed	315

Table 6-5
FLIGHT DATA

Total Flights	Total Man Hours Of Flight Time
0	0

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7 FINANCIAL BREAKDOWN

7.1 The OE Site Sampling and Characterization was conducted as a Time and Materials activity. As shown in Table 7-1, the total amount funded for the project was $139,977.

TABLE 7-1
FINANCIAL BREAKDOWN

	Contr. No. DACA87-97-D-0005 Task Order No: 0013 Prepared By: Phil Curry		**Location:** **Romulus, New York** **Project:** Proposed Prison Site Seneca Army Depot		
			LABOR HOURS		
SERV CLIN	LABOR CATEGORY	LABOR RATE	TASKS	TOTAL HOURS	COST
0001	Materials				$8,038
0002	Travel				$22,194
0003	Material Handling Fee				$603
0005	Data Not Separately Priced				
0100	Labor w/Fee				
0100BC	Contract Admin	$39.63			
0006BD	Program Admin	$30.89		20	$618
0100BE	Word Processor	$30.51			
0006BH	Program Manager	$86.46			
0100AB	Geophysicist	$65.94	4	253	$16,683
0100AC	GIS Manager	$120.24	3,4	101	$12,144
0100AD	Project Mgr	$81.03	1,2,4,5,8	24	$1,945
0100AF	Senior UXO Supervisor	$62.69	1,3,4,5,6,7	268	$16,801
0100AH	UXO Supervisor	$51.78	3,4,5,6,7	142	$7,353
0100AJ	UXO Specialist	$46.32	3,4,5,6,7	656	$30,386
0100AG	Site Safety & Health Officer	$51.78	3,4,5,6,7	16	$828
0100AE	QA Control Specialist	$51.78	3,4,5,6,7	206	$10,667
0100AV	Certified Ind. Hygienist	$76.31	2,8	27	$2,060
0100AY	Program QA/QC	$76.31	2,3,4,5,6,7,8		
	LABOR W/FEE TOTALS				$99,485
TOTAL COST					$130,320

8 SUMMARY

8.1 An OE Site Sampling and Characterization was conducted by EODT from 12 April 1999, through 7 June 1999, over 8 acres, which included areas SEAD 43 and SEAD 44A. The characterization was conducted using geophysical mapping with a Geonics EM-61. Digital subsurface magnetic maps were produced, and an experienced geophysicist from EODT and a second geophysicist from CEHNC evaluated the anomalies. Eight hundred sixty three anomalies suspected to be OE were reacquired and excavated.

8.2 Of the 863 excavations, 2 resulted in locating OE items, which were disposed of by detonation; additionally 94 OE related scrap items that did not require further action were located and removed. The remaining 767 excavations resulted in various anomalies such as fence posts, banding material, angle iron, barbed wire, reinforced concrete. The Subsurface Anomaly Inspection Forms, which lists the results of each excavation, the location, and the depth, are included in Appendix H.

8.3 EODT executed the SOW without a lost-time or property damage accident.

9 CONCLUSION

9.1 Based upon the number of UXO and OE located in relation to the amount of area mapped, the geophysical mapping method proved to be an effective means of characterization.

10 RECOMMENDATIONS

Because the reacquisition of anomalies resulted in the location of a large quantity of UXO and OE in SEAD 44A, EODT recommends a follow-on removal action at the SEAD 44A site. Based on the depths of the UXO and OE EODT recommends the clearance depth remain unchanged. However, all burial pits and trenches should be cleared to remove all UXO and OE. No further action is recommended for SEAD 43 as no UXO items were found.

APPENDIX A

STATEMENT OF WORK
OE SITE SAMPLING AND CHARACTERIZATION,
PROPOSED PRISON SITE
SENECA ARMY DEPOT; ROMULUS, NEW YORK

17 February 1999

1.0 STATEMENT OF WORK.

1.1 General.

1.1.1 The work required under this Statement of Work (SOW) falls under the Base Realignment and Closure (BRAC) Program Ordnance and Explosives (OE) contamination may exist on property that is owned by the Department of Defense. This project consists of investigations for potential unexploded ordnance at two sites within the proposed prison tract at Seneca Army Depot (SEAD). This action will be performed in a consistent with the Comprehensive Environment Response, Compensation, and Liability Act (CERCLA), Sections 104 and 121; Executive Order 12580; and the National Contingency Plan (NCP), Sections 300.120(c) and 300.400(e). In accordance with the above, no Federal, State, or Local permits are required nor will be obtained for on-site destruction of OE. Applicable provisions of 29 CFR 1910.120 shall apply for this site.

1.1.2 OE is a safety hazard and constitutes an imminent and substantial endangerment to site personnel and the local population. During this investigation, it may be necessary for the Contractor to destroy, on-site, any OE encountered. All activities involving work in areas potentially containing unexploded ordnance hazards shall be conducted in full compliance with Huntsville Engineering and Support Center, US Army Corps of Engineers, Department of the Army and Department of Defense requirements regarding personnel, equipment and procedures.

1.1.3 Due to the inherent risk in this type of operation, the Contractor shall be limited to a 40-hour work week (either five 8-hour days or four 10-hour days) when performing OE operations. UXO personnel shall not perform UXO-related tasks for more than 10 hours per day. Geophysical mapping is not subject to the 40 hour per week/10 hour per day UXO limitations. This schedule shall be closely coordinated with the Seneca Army Depot BRAC Environmental Coordinator (BEC), and the US Army Engineering and Support Center, Huntsville (HNC).

1.1.4 This project does not require an on-site, full time Project Manager.

1.2 Site Description.

1.2.1 Location. SEAD is a US Army facility located in Seneca County, New York. SEAD occupies approximately 10,600 acres. It is bounded on the west by State Route 96A and on the east by State Route 96. The cities of Geneva and Rochester are located to the northwest (14 and 50 miles, respectively); Syracuse is 53 miles to the northeast and Ithaca is 31 miles to the south. The surrounding area is generally used for farming.

1.2.2 Regulatory Status. SEAD was included on the Federal Facilities National Priorities List on 13 July 1989. Consequently, all work to be performed under this contract shall be performed according to the Federal Facilities Agreement in effect for Seneca Army Depot.

1.2.3 Previous Investigations. Previous investigations have been performed at SEAD. An "Archive Search Report" (Reference 6.2 1) was conducted by the U.S. Army Corps of Engineers, St Louis District, in 1998. The purpose of the ASR was to identify areas of the depot that might be contaminated with Ordnance and Explosives (OE).

1.2.4 Areas of Focus. The sites of focus in this effort are the following:
1.2.4.1 Liquid Propellant Storage Area (SEAD-43) Otherwise known as the Old Missile Propellant Test Laboratory, this site was operated in the 1960's. There is concern that bulk quantities of propellants, and possibly IRFNA, might be buried on the site. The building has been used for herbicide and pesticide storage since 1976. The site to be characterized is approximately 5 acres in size. The target will be buried containers of bulk propellants.

1.2.4.2 Function Test (No SEAD Designation) and Nearby Pits (SEAD-44A) Area was used for the Quality Assurance Testing of CS Grenades, firing devices and pyrotechnics. Materials were generally tested in small numbers (usually 24 rounds per test). The site to be characterized is approximately 3 acres in size. Remnants of 40mm grenades were recently seen on the surface during a site visit

2.0 OBJECTIVE. The objective of this Delivery Order is for the Contractor to characterize, with respect to the presence of Ordnance and Explosives (OE), the two areas in question within the proposed prison tract.

3.0 DESCRIPTION OF SERVICES
3.1 (Task 1) Perform Site Visit And Records Review.
3.1.1 Prior to preparation of the Work Plan (WP), a site visit, not to exceed three (3) days, including travel time, is authorized. The contractor shall coordinate the number of days and any site visit travel plans with the HNC Project Manager (PM), Mr. Fred Wissel (256-895-1443) as well as the SEAD BRAC Environmental Coordinator. The site visit team shall not exceed three persons, one of whom shall be a Senior UXO Supervisor and another who shall be a qualified geophysicist No OE-related activities will be performed during the site visit. The contractor shall prepare an abbreviated site safety and health plan prior to the site visit This plan shall be submitted and approved by the HNC Ordnance and Explosives Safety Office prior to the site visit.

3.2 (Task 2) Preparation of Work Plans:
3.2.1 General. The contractor shall prepare and submit a site specific Work Plan (WP) to the Government for approval prior to beginning any UXO related activities at the site. This Work Plan shall be based upon the plan currently being used to carry out the OE work being done at the OB Grounds site of the depot The WP shall outline the contractors proposed method of accomplishing the objective and

following tasks. This shall include site specific training, administrative area and equipment, UXO-related practices and procedures to include equipment, storage of demolition materiels to include security and accountability system, Personal Protective Equipment (PPE), responsibilities of project personnel resumes of all UXO personnel and key non-UXO personnel, organizational structure to include subcontractor(s), if applicable; internal and external communications, on-site and off-site emergency medical facilities and emergency response action, daily work schedules; project time line, UXO safety and site general safety to include snakes, ticks, and other flora and fauna. All UXO related procedures shall comply with H7VC *Safety Concepts and Basic Considerations for UXO, 16 Feb 1996.* The WP shall include, as a minimum, the following sub-plans.

3.2.2 The contractor shall submit a draft WP for review and a final WP for approval IAW paragraph 4.1 of this SOW.

3.2.2.1 The WP shall include the following subplans written IAW Data Item Description OT-005, Reference 7. 1.

3.2.2.2 UXO Operational Plan.

3.2.2.3 Site-specific Safety and Health Plan (SSHP). The contractor shall submit a SSHP IAW 29 CFR 1910.120 that contains OE safety standards and procedures.
3.2.2.4 Equipment Plan (EP). The contractor shall prepare and submit a detailed EP (as a WP subplan) describing the equipment to be employed to perform all necessary operations.

3.2.2.5 Explosives Management Plan.

3.2.2.6 Quality Control Plan.

3.2.2.7 Work, Data, and Cost Management Plan

3.2.2.8 Technical and Management Plan. 3.2.2.9 Geophysical Work Plan. Geophysical investigations performed by the Contractor will be a major part of the Site Characterization. The geophysical investigations performed shall be managed by a qualified geophysicist (i.e. an individual with a degree in geophysics, geology, geological engineering, or closely related field, and who has a minimum of 5 years of directly related geophysical experience. The Contractor shall prepare and submit a Geophysical Work Plan that clearly and fully describes the equipment, methods, data management procedures and personnel to be used to perform the geophysical investigations.

3.2.3 Other subplans identified in the Basic Contract are not required for this delivery order.

3.3 (Task 3) Perform Location Surveys And Mapping.

3.3.1 The contractor shall perform survey and mapping to establish the boundaries of areas stated under subsection 1.2.4 of this SOW. During fieldwork and all intrusive activities, the geophysical crew shall be accompanied by a UXO Specialist. The UXO Specialist shall conduct visual surveys for surface ordnance prior to the geophysical crew entering an area potentially containing UXO and a magnetometer or electromagnetic survey of each intrusive activity site to ensure the site is anomaly free prior to the surveying crew setting monuments or driving stakes. Control points shall be located from existing monuments. Horizontal control of "Class I", third order or better shall be established for the network of control points. Vertical control is not required. The contractor shall establish working grids, of convenient sizes, for purposes on controlling navigation of geophysical surveying instruments. Each comer of each grid area, shall be located and staked by establishing the appropriate state plane grid system to the closest I foot and shall be both tabulated and shown on maps of the site. (The contractor should note there may be several navigational grids, but that for purposes of the GridStats/SiteStats evaluation, the site Will be considered as one grid.) If subsurface OE items are encountered, the depth of the items below ground surface shall also be measured and recorded. 'Me location of ordnance scrap, ordnance fragments, shrapnel, small arms ammunition and metallic debris shall be recorded only on a "per-grid" basis and not located by coordinates.

3.3.2 Items and data to be submitted to HNC as part of this task are as follows:

3.3.2.1 A tabulated list of all control points showing the adjusted coordinates established and/or used for this survey.

A "Report of Establishment of Survey Marie' (Description Card) on each control point established and/or used for surveying. The Description Cards shall be 5" X 8" (12.7mm X 20.3mm) with one description per cud. In addition to the name or ID number of the control points, the cards should show the adjusted coordinates, a written description for locating the control points, and a sketch showing how to locate the control points. Installation of concrete monuments will not be required. Existing monuments will be described and referenced on the survey drawing.

3.3.2.3 Drawings. All maps shall be drawn at a scale no smaller than 1 inch = 100 feet (1: 1200) or as required, referenced to the North American Datum of 1983 (NAD83), and provided on both reproducible (mylar) drawings and in a digital Microstation CADD format (Note: AutoCad Version 14 is not acceptable or compatible.). One original and two blue line prints of each final drawing shall be delivered to HNC. English units will be used. Electronic copy shall be submitted on 3.5-inch HD diskette on PC-CD ROM.

3.3.3 Schedule. All work and services under this task shall be completed and submitted to HNC no later than the submission of the Draft Geophysical Investigation Report

3.4 (Task 4) Geophysical Investigation And Site Characterization

3.4.1 Geophysical Investigations. The Contractor shall provide all necessary equipment and personnel to geophysically map the two areas of focus. The area to be geophysically mapped is estimated at 8 acres. Paved areas shall not be mapped. All survey and mapping data shall be represented in State Grid Plane coordinates. The Contractor shall provide the field data to the Government as a delimited ASCII file in ADF format (x,y,z) and the analysis results in a ".grd" file format for use by MGE Modeler or MGE Grid Analysis tools.

3.4.2 Geophysical Evaluations. The Contractor shall perform the initial threshold analysis of the data with the OE- tools. The Contractor shall identify the anomalies as a layer in the CADD file with coincident raster display of the analysis stages using the OE-GIS tools.

3.4.3 The Contractor shall identify anomalies within a CADD layer with a standard symbol and unique code. The Contractor shall. tabulate all anomalies into the GIS data base with a posting for data representation in an Excel spreadsheet. This data will then be the basis for the excavation and removal of randomly selected suspect anomalies.

3.4.4 All digital geophysical and supporting survey data shall be furnished to the Contracting Officer as no later than submission of the draft Geophysical Investigation Report.

3.5 (Task 5) Anomaly Excavation. This task shall be accomplished in accordance with Section C of the basic contract, as outlined in the WP, and as follows:

3.5.1 The contractor shall furnish all necessary qualified UXO personnel and equipment to characterize the project area and dispose, on site, any encountered UXO. This action shall also include removal of all OE scrap greater than I inch in any dimension, if encountered during anomaly investigations. Non-OE metallic scrap shall be removed only as necessary to complete the sampling action.

3.5.2 The contractor shall, propose a planned, systematic approach to sample the project site that will result in optimum site characterization.

3.5.3 The contractor shall utilize HNC computer programs (GridStats & SiteStats) to determine when the grid has been sufficiently characterized at the 90% confidence rate. This program uses statistics to determine when sufficient anomalies have been investigated within a grid. HNC will supply the program to the contractor. The WP will fully detail how the contractor expects to utilize the programs at this site. The contractor will be provided with a copy of the HNC-developed Standard Operating Procedures (SOPs) for the use of GridStats & SiteStats. The SOP will be used by the contractor to ensure the correct use of GridStats. At this site, for purposes of the GridStats/SiteStats evaluation, the Contractor will consider the entire area geophysically surveyed as one (1) grid.

3.5.3.1 The contractor shall access and identify only the anomalies identified by GridStats/SiteStats, unless there are fewer than 200 anomalies. If there are fewer than, 200, then all shall be excavated and identified.

3.5.4 Anomaly Excavate. The Contractor shall provide all necessary equipment and qualified UXO personnel to excavate anomalies which may be UXO within the area previously geophysically investigated and evaluated. This investigation shall be performed to a depth of two (2) feet. However the on-site USAESCH Safety Specialist may approve deeper or shallower excavation if necessary. Before any intrusive operations, the Contractor will have an approved Public Withdrawal Distance (PWD). The PWD shall be determined using the following criteria: Default distances in DoD 6055.9-STD, Chapter 5, para. E.4.a, if the type of UXO is unknown or the maximum fragmentation distance for the Most Probable Munition (MPM), as calculated by Huntsville Center's Engineering Directorate, Structural Branch.

3.5.5 Only USAESCH-approved UXO personnel shall perform OE-related tasks.

3.5.6 After anomaly reacquisition and during subsurface sampling operations, the contractor shall utilize a geophysical instrument capable of detecting a 37mm (or similar size) round at a depth of two (2) feet. The contractor shall excavate to the depth necessary to determine the identify of the anomaly. If the anomaly is not encountered in the first two feet of the excavation, the on-site HNC Safety Specialist win decide if deeper excavation is required.

3.5.7 All geophysical instruments used on-site shall be field tested daily to ensure they are operating properly. This shall be accomplished by planting an inert 371mn artillery projectile or suitable substitute at a depth of two (2) feet and determining the initial sensitivity to detect the buried test source. If at a later time, the geophysical instrument cannot detect the buried test source at this initial sensitivity setting, the instrument shall be removed from service until calibrated/ repaired.

3.5.8 All UXO operations shall comply with HNC Safety Concepts and Basic Considerations for UXO. Only UXO personnel shall perform UXO procedures.

3.5.9 The contractor shall maintain a detailed accounting of all UXO and UXO components encountered on the project. This accounting shall include the amounts of UXO, their identification and condition, depth located, disposition and location/mapping. This accounting shall be a part of the Final Sampling Report.

3.5.10 The contractor shall be responsible for obtaining, storing, securing and disposing of all demolition materials.

3.5.11 If UXO is encountered, where it is determined that it cannot be moved and the situation precludes detonating the UXO in place, the on-site HNC Safety Specialist will be notified, who will then request EOD support

3.5.12 If suspected toxic chemical UXO is encountered, operations shall cease immediately within 500 meters of the site, the item shall be secured by two UXO Specialists, and the on-site HNC Safety Specialist shall be notified, who will then request EOD support

3.5.13 The contractor shall provide on-site communication equipment.

3.5.14 Activities of this task shall be video-taped in color using "Hi-grade" VHS video tape. A total of 45 to 60 minutes of footage, with an oral background describing the activities, shall be submitted on a single tape cassette. The contractor shall submit one copy of the video tape as part of the Final Sampling Report to HNC. The Contractor shall coordinate video-tape activities with the Correctional Facility staff. Video-taping shall occur only in those areas and at those times that the Correctional Facility staff finds acceptable.

3.5.15 All access/excavation/detonation holes shall be backfilled and compacted as designated by the government Project Manager or his/her designated representative.

3.5.16 The contractor shall furnish all personnel and equipment necessary to mow grass/weeds and remove selected bush/trees for the required subsurface sampling action. Vegetation shall only be removed to, the extent necessary to effectively geophysically locate and investigate selected subsurface anomalies.

3.5.17 Upon conclusion of work at this site, the contractor shall restore locations disturbed by his operations, except those areas where brush/trees were removed. Excavated and trafficked areas shall be returned to natural grade and indigenous vegetation re-established by seeding or planting sprigs.

3.6 (Task 6) Turn-In Of Recovered Inert OE And OE Related Scrap:

3.6.1 The contractor shall furnish all necessary personnel and equipment to turn-in all recovered inert ordnance items, and OE related scrap greater than I inch in any dimension. The methodology to accomplish this task shall be proposed in the WP.

3.6.2 The contractor shall complete a DD Form 1348-1 and/or local form required by the nearest Defense Reutilization Marketing Office (DRMO) or local scrap dealer. The contractor shall prepare and the Senior UXO Supervisor shall sign a certificate as follows:

"I certify that the property listed hereon has been inspected by me and, to the best of my knowledge and belief, contains no items of a dangerous nature"

3.6.3 Disposal documentation receipts shall be submitted as a component of the Removal Report

3.6.4 In the event that DRMO does not accept scrap or is not locally available, the contractor shall arrange in advance for a local scrap contractor to remove the scrap. The DRMO or local scrap dealer shall be identified in the WP. This removal shall be done at no cost to the Government

3.7 (Task 7) Perform Quality Control. 'Me contractor shall furnish the necessary personnel and equipment to administer a Quality Control (QC) Program to manage, control, and document contractor and subcontractor activities. The methodology to accomplish this task shall be proposed in the WP. The QC activities shall be documented and included in the Site Characterization Report

3.8 (Task 8) Prepare And Submit Site Characterization Report. At the conclusion of all field activities, the contractor shall submit the Characterization Report which documents all activities performed at the site and that characterizes OE contamination at the site. In addition, the report shall contain the following:

3.8.1 Detailed maps of the site, including geophysical maps showing processed geophysical data.

3.8.2 Detailed accounting by listed area of all OE and OE-related materials located and destroyed.

3.8.3 A system of daily journals of all activities associated with this SOW. A daily journal for the site shall be opened upon first arrival for field operations and closed after contractor demobilization at the project site.

3.8.4 The contractor shall maintain a detailed accounting of all OE items/components encountered. This accounting shall include the number of digs done, amounts of OE, identification, condition, depth located, disposition, amount of scrap removed, and location/mapping. In addition, the contractor shall maintain detail records of all excavations of anomalies where UXO was not encountered. This accounting shall be included as an excel spreadsheet within the removal report

3.8.5 A recapitulation of exposure data. This shall include total number of man-hours worked on-site in OE related activities, total motor vehicle mileage, number of aircraft flights and total of man-hours flown to support the project

3.8.6 QC documentation.

3.8.7 DRMO turn-in documentation.

3.8.8 A minimum of twenty (20) 411 X 6" (10crn x l5cm) color photographs shall be included in the report depicting major action items and UXO discoveries. The original Final Report furnished to HNC shall include original photographic prints. Photographs contained in draft submissions and copies of final

submissions shall be color reproductions. Two copies of video tape with a minimum of 45 minutes of narration depicting all activities shall be provided.

3.8.9 A financial breakdown by area and task of all costs and labor hours used to perform this SOW.

3.9 CONTRACTOR QUALIFICATIONS: The contractor shall furnish a staff that is qualified through education, training, and pertinent experience that shall accomplish the objectives and tasks of this Task Order. Federal military and civilian employees shall not be employed by the contractor in the performance of any work under the contract, e.g. during off-duty hours, regular hours or while on annual leave. Requirements for resumes for UXO and other personnel shall follow the requirements as stated in the Basic Contract. If UXO personnel are substituted at the project site, they must be approved by the Contracting Officer prior to their arrival at the site. The contractor shall establish a "chain of command and responsibility" for all on-site personnel should someone in authority leave and an on-site person must fill their position temporarily.

3.9.1 Training and medical screening IAW 29 CFR 1910.120(e) is required for this project Annual physicals shall be accomplished prior to arrival on-site.

4.0 SUBMITTALS: The contractor shall furnish copies of the plans and reports to each addressee listed below in the quantities indicated. One copy of the final work plan and the final report shall be sent to the HNC Project Manager on 3.5 inch computer disk or CD ROM in Word Perfect 7 or Microsoft Office Word 7 in addition to the number of hard copies identified below. The contractor shall use express mail services for delivering these plans and reports. Following each submission, comments generated as a result of their review shall be incorporated.

ADDRESSEE	**COPIES**
Commander US Army Engineering and Support Center, Huntsville ATTN: CEHNC-OE-Dc (Mr. Fred Wissel) 4820 University Square Huntsville, Al., 35807-4301	2
Commander Seneca Army Depot Activity ATTN: SIOSE-BEC (Mr. Absolom) 5786 State Route 96, Romulus, NY. 14541-5001	6

4.1 Submittals and Due Dates:

SUBMITTAL	DUE DATES
Notice to Proceed	01 Mar 99
Complete Task I (Site Visit)	10 Mar 99
Complete Task 2 (Work Plan)	10 Mar 99
Complete Task 3 (Surveys & Mapping)	TBD
Complete Task 4 (Geophysical Investigation & Site Char)	TBD
Complete Task 5 (Anomaly Exc)	TBD
Complete Task 6 (Turn-in recovered OE)	TBD
Complete Task 7 (Quality Control)	TBD
Complete Task 8 (Site Char Report)	TBD
Overall Completion Date	TBD

5.0 GOVERNMENT FURNISHED.

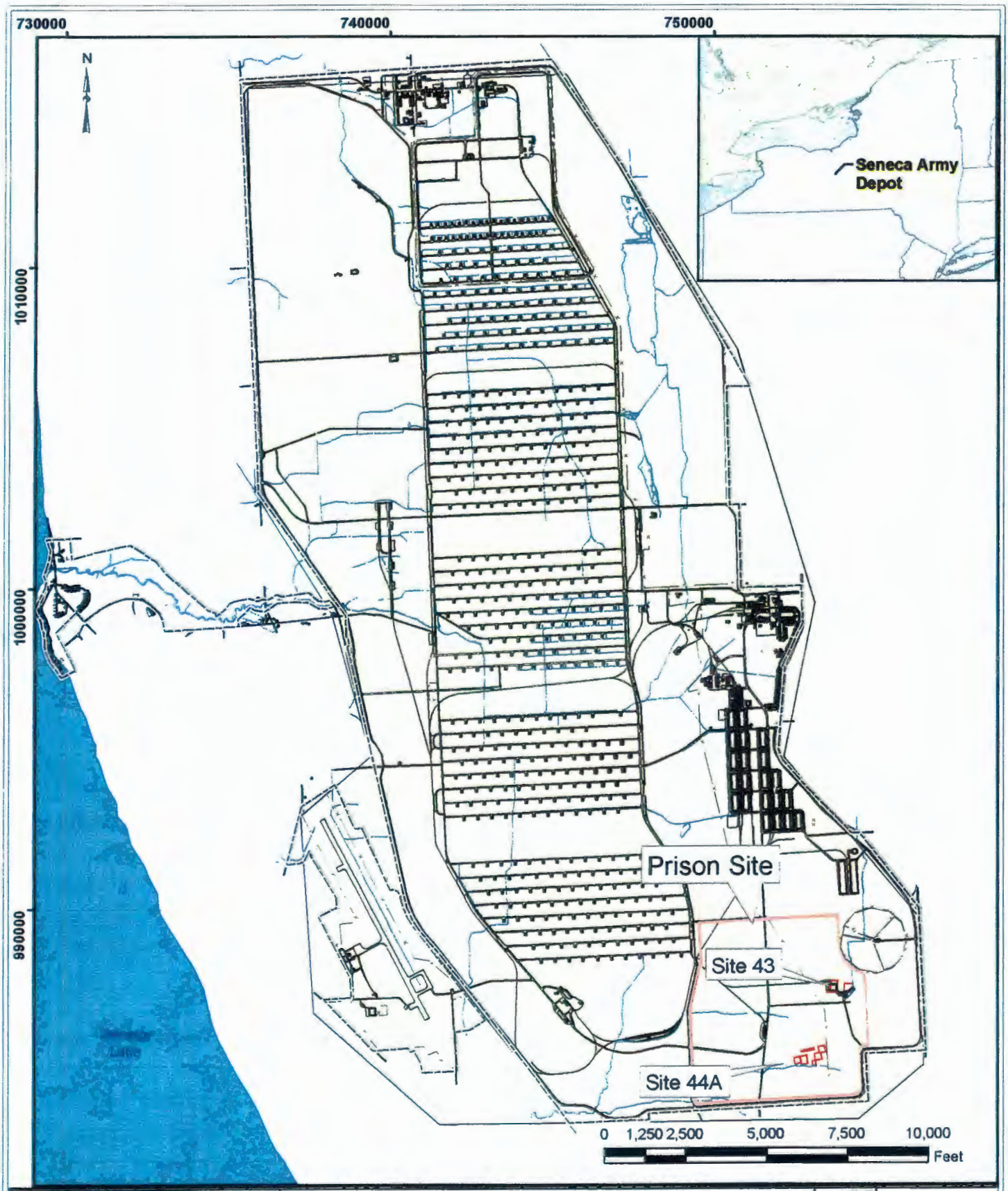
5.1 Rights of entry.

5.2 Pertinent UXO Technical publications/information as required.

6.0 REFERENCES

6.1 National Contingency Plan, 40 CFR 300.
6.2 Federal Acquisition Regulation, F.A.R. Clause 52.236-13: Accident Prevention.
6.3 Army Corps of Engineers Safety and Health Requirements Manual,
6.4 EM-385-1-1, October 1992.
6.5 Army Corps of Engineers, ER-385-1-92, Appendix B, Safety and Occupational Health Document Requirements for Hazardous Toxic and Radioactive Waste (HTRW) and Ordnance and Explosive Waste (OE) Activities, 18 March 1994.

APPENDIX B



US Army Engineering and Support Center Huntsville, Alabama

MAP TITLE
FIG. B-1 - 43 AND 44A SITE LOCATIONS

PROJECT TITLE
ORDNANCE & EXPLOSIVES (OE) CHARACTERIZATION, PRISON SITE

PROJECT LOCATION
SENECA ARMY DEPOT, SENECA, NEW YORK

CLIENT
U.S. ARMY ENGINEERING SUPPORT CENTER, HUNTSVILLE, AL

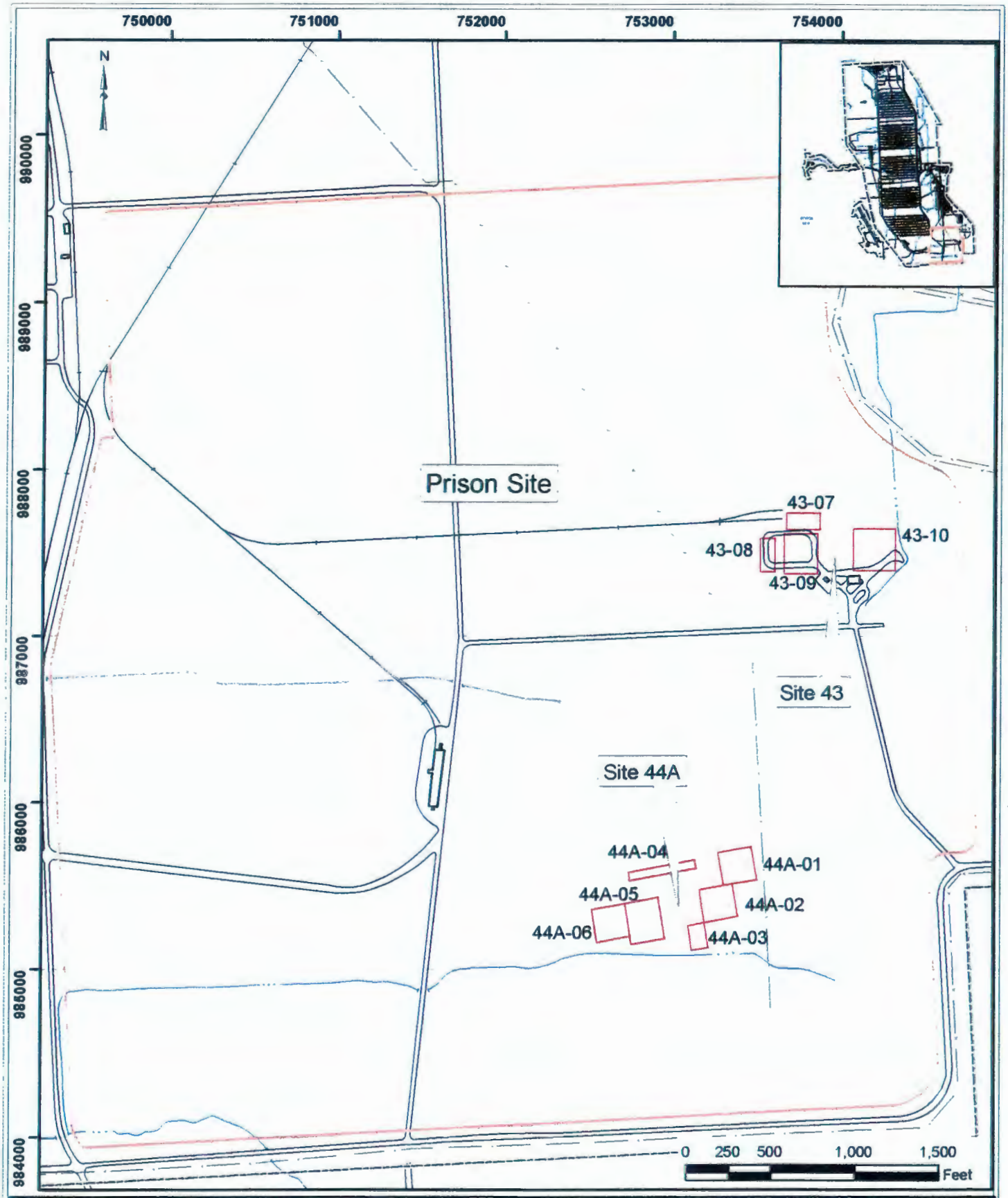
CONTRACT NUMBER
DACA87-97-D-005

TASK ORDER
 # 0013

STATE PLANE
TRUE NORTH

Datum
New York State Plane (3102) NAD '83

EODT
EOD Technology, Inc.
2229 Old Highway 95
Lenior City, TN 37771
PH 865-988-6063, Fax 6067



US Army Engineering and Support Center Huntsville, Alabama

MAP TITLE: FIG B-2 - 43 AND 44A GRID LOCATIONS

PROJECT TITLE: ORDNANCE & EXPLOSIVES (OE) CHARACTERIZATION, PRISON SITE

PROJECT LOCATION: SENECA ARMY DEPOT, SENECA, NEW YORK

CLIENT: U.S. ARMY ENGINEERING SUPPORT CENTER, HUNTSVILLE, AL

CONTRACT NUMBER: DACA87-97-D-005

TASK ORDER: # 0013

True North | State Plane

Datum: New York State Plane (3102) NAD '83

EODT

EOD Technology, Inc.
2229 Old Highway 95
Lenior City, TN 37771
PH 865-988-6063, Fax 6067

APPENDIX C

EOD TECH[illegible]GY, INC.
GRID / ORDNANCE [illegible]RACKING LOG

Seneca Army Depot
Contract Number: DACA87-97-D 0005
OE Site Sampling and Characterization, Proposed Prison Site

Grid Number	Date Grubbed	Date Cleared	Contacts or Digs	Qty	Item ID, "M" No. If Available	Condition	Filler	X (Feet)	Y (Feet)	Depth Inches	Soil Type	OE Scrap	#'s Other	Demo Date	QC Date	QA Date
Surface Clearance		4/12/99		13	M781 40mm Grenade	Practice	Dye					4				
Surface Clearance		4/13/99		16	M781 40mm Grenade	Practice	Dye					15				
Surface Clearance		4/14/01		3	M781 40mm Grenade	Practice	Dye					5				
Surface Clearance		4/15/99		2	M781 40mm Grenade	Practice	Dye					2				
Surface Clearance		4/20/99		33	M781 40mm Grenade	Practice	Dye					10				
Surface Clearance		4/23/01		26	M781 40mm Grenade	Practice	Dye					1				
1																
2		6/1/99	409													
3		4/29/01	69	1	M407A1 40mm Grenade	Practice Live	RDX	1572	1493	2		10		5/4/99		
				1	M781 40mm Grenade	Practice	Dye	1603	1578	3						
				1	M781 40mm Grenade	Practice	Dye	1591	1548	3						
				1	M781 40mm Grenade	Practice	Dye	1600	1542	3						
				1	M781 40mm Grenade	Practice	Dye	1604	1528	1						
				1	M781 40mm Grenade	Practice	Dye	1597	1532	2						
				1	M781 40mm Grenade	Practice	Dye	1559	1462	0						
				1	M781 40mm Grenade	Practice	Dye	1553	1480	2						
				1	M781 40mm Grenade	Practice	Dye	1553	1480	3						
				1	M781 40mm Grenade	Practice	Dye	1581	1480	2						
				1	M781 40mm Grenade	Practice	Dye	1566	1496	3						
				1	M781 40mm Grenade	Practice	Dye	1584	1499	4						
				1	M781 40mm Grenade	Practice	Dye	1597	1499	4						
				1	M781 40mm Grenade	Practice	Dye	1551	1499	2						
				1	M781 40mm Grenade	Practice	Dye	1553	1514	2						
				1	M781 40mm Grenade	Practice	Dye	1553	1514	0						
				1	M781 40mm Grenade	Practice	Dye	1553	1514	1						
				1	M781 40mm Grenade	Practice	Dye	1578	1522	0						
				1	M781 40mm Grenade	Practice	Dye	1587	1517	3						
				1	M781 40mm Grenade	Practice	Dye	1613	1517	0						
				1	M781 40mm Grenade	Practice	Dye	1606	1539	3						
				1	M781 40mm Grenade	Practice	Dye	1559	1539	2						
				1	M781 40mm Grenade	Practice	Dye	1559	1547	2						
				1	M781 40mm Grenade	Practice	Dye	1566	1561	2						
				1	M781 40mm Grenade	Practice	Dye	1579	1564	2						
				1	M781 40mm Grenade	Practice	Dye	1591	1564	0						
				1	M781 40mm Grenade	Practice	Dye	1603	1560	2						
				1	M781 40mm Grenade	Practice	Dye	1593	1582	3						
				1	M781 40mm Grenade	Practice	Dye	1593	1582	3						
4		5/11/99	182									10				
5																
6		5/25/99	140	1	M651 40mm CS	Live	CS	752632	985207	2				5/27/99		
				1	M781 40mm Grenade	Practice	Dye	752615	985178	3						
				1	M781 40mm Grenade	Practice	Dye	752595	985185	1						
				1	M781 40mm Grenade	Practice	Dye	752627	985232	0						
				1	M781 40mm Grenade	Practice	Dye	752632	985201	4						
				1	M781 40mm Grenade	Practice	Dye	752710	985203	2						
7		6/3/99	9													
8		6/7/99	17													
9		6/3/99	15													
10		6/7/99	22													
	Date Grubbed	Date Cleared	Contacts or Digs	Qty	Item ID, "M" No. If Available	Condition	Filler	X (Feet)	Y (Feet)	Depth Inches	Soil Type	OE Scrap Pounds	#'s Other Material	Demo Date	QC Date	QA Date
TOTAL:	**0**	**11**	**863**	**96**					**AVG**	**2.00**		**33**	**0**		**0**	**0**

APPENDIX D

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG
FOR OE OPERATIONS

DATE: 4/28/99	TIME: 1600	LOG NO.: PS 1
CONTRACT NO: DACA87-97-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: SEDA Prison Site		
WEATHER CONDITIONS: 55° Sunny, light breeze		

I. AREAS INSPECTED: (List by grid number, coordinates or description) Dig Team

II. INSPECTION RESULTS: Team performed IAW WP and SSHP

III. CORRECTIVE ACTIONS RECOMMENDED (If required): None

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES: Howard Stepp

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary). A A Moore

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG
FOR OE OPERATIONS

DATE: 4/29/99	TIME: 1400	LOG NO.: PS 2
CONTRACT NO.: DACA87-97-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: SEDA Prison Site		
WEATHER CONDITIONS: 55° sunny, light breeze		

I. AREAS INSPECTED: (List by grid number, coordinates or description) Dig team

II. INSPECTION RESULTS: Team performed IAW WP + SSHP

III. CORRECTIVE ACTIONS RECOMMENDED (If required): None

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES: HOWARD Stapp

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG

FOR OE OPERATIONS

DATE: 5/3/99	TIME: 1645	LOG NO.: PS 3
CONTRACT NO.: DACA 87-97-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: SEDA Prisen site		
WEATHER CONDITIONS: 75° mostly sunny, light breeze		

I. AREAS INSPECTED: (List by grid number, coordinates or description) Survey crew, Geophysical team

II. INSPECTION RESULTS: Teams performed IAW WP & SSHP

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES: Howard Stepp

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG

FOR OE OPERATIONS

DATE: 5/4/99	TIME: 1630	LOG NO.: DS4
CONTRACT NO.: DACA 87-97-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: SEDA Prison site		
WEATHER CONDITIONS: 60°-70°, partly cloudy, light breeze		

I. AREAS INSPECTED: (List by grid number, coordinates or description) Demo ops

II. INSPECTION RESULTS: All work was IAW WP & SSHP

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES:

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG
FOR OE OPERATIONS

DATE: 5/5/99	TIME: 1500	LOG NO.: DS5
CONTRACT NO.: DACA87-97-D-0005	DELIVERY ORDER NO.: 0003	

LOCATION: AACA & SEDA Driven site

WEATHER CONDITIONS: 70°-75°, clear, light breeze

I. AREAS INSPECTED: (List by grid number, coordinates or description) Dig team, Geophysical survey team

II. INSPECTION RESULTS: All work was IAW WP and SSHP

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES:

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG

FOR OE OPERATIONS

DATE: 5/6/99	TIME: 1400	LOG NO.: DS6
CONTRACT NO.: DACA87-97-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: Seda Prison Site		
WEATHER CONDITIONS: partly cloudy, 75°, light breeze		

I. AREAS INSPECTED: (List by grid number, coordinates or description) Survey crew, geophysical survey team

II. INSPECTION RESULTS: All work was IAW WP and SSHP

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES:

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG

FOR OE OPERATIONS

DATE: 5/10/99	TIME: 1130	LOG NO.: DS 7
CONTRACT NO.: DACA87-97-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: SEDA Prison site		
WEATHER CONDITIONS: 45°-65°, mostly cloudy,		

I. AREAS INSPECTED: (List by grid number, coordinates or description) Geophysical Team

II. INSPECTION RESULTS: All work IAW WP 355HP

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES:

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG

FOR OE OPERATIONS

DATE: 5/11/99	TIME: 1540	LOG NO.: 158
CONTRACT NO.: DACA87-97-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: SEDA Prison site		
WEATHER CONDITIONS: 45-65°, sunny, light breeze		

I. AREAS INSPECTED: (List by grid number, coordinates or description) geophysical + dig teams

II. INSPECTION RESULTS: All work was IAW WP + SSHP

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES:

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG

FOR OE OPERATIONS

DATE: 5/17/99	TIME: 1300	LOG NO.: DS 9
CONTRACT NO.: DACA87-97-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: SEDA Prison Site		
WEATHER CONDITIONS: 45-65°, mostly sunny, light breeze		

I. AREAS INSPECTED: (List by grid number, coordinates or description) Dig team, geophysical survey

II. INSPECTION RESULTS: All work was TAGO WP TSSHIP

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES:

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG

FOR OE OPERATIONS

DATE: 5/13/99	TIME: 1500	LOG NO.: DS10
CONTRACT NO.: DACA87-97-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: SEDA Prison site		
WEATHER CONDITIONS: 40°-70°, sunny, light breeze		

I. AREAS INSPECTED: (List by grid number, coordinates or description) dig team, survey

II. INSPECTION RESULTS: All work was IAW WP and SSHP

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES:

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG

FOR OE OPERATIONS

DATE: 5/17/99	TIME: 1700	LOG NO.: PS11
CONTRACT NO.: DACA87-97-D-0005	DELIVERY ORDER NO.: EC03	
LOCATION:		
WEATHER CONDITIONS: 50°-75°, Sunny, SE Wind 10-15 mph		

I. AREAS INSPECTED: (List by grid number, coordinates or description) Survey + dig Teams

II. INSPECTION RESULTS: All work was IAW WP + SSHP

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES:

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG

FOR OE OPERATIONS

DATE: 5/18/99	TIME: 1650	LOG NO.: DS12
CONTRACT NO.: DACA87-97-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: SEDA Prison site		
WEATHER CONDITIONS: 58°-80°, Sunny, SE breezes 5-10mph		

I. AREAS INSPECTED: (List by grid number, coordinates or description) Survey

II. INSPECTION RESULTS: All work was IAW WP & SSHP

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES:

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG

FOR OE OPERATIONS

DATE: 5/19/99	TIME: 1605	LOG NO.: PS13
CONTRACT NO.: DACA 86-96-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: SEDA Prison St Ave		
WEATHER CONDITIONS: cloudy, 60°-70°, winds 5-15mph		

I. AREAS INSPECTED: (List by grid number, coordinates or description) Dig team

II. INSPECTION RESULTS: All work was IAW WP & SSHP.
1ea CS 40mm M651 cart was recovered in grid 6 area 44.
It was left in place for later disposal per Corp Safety (Fred Allen)

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES:

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG

FOR OE OPERATIONS

DATE: 5/20/99	TIME: 1500	LOG NO.: PS 14
CONTRACT NO.: DACA87-97-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: SEDA, Prison site		
WEATHER CONDITIONS: 55°-65°, sunny, breezes 10-15 mph		

I. AREAS INSPECTED: (List by grid number, coordinates or description) Survey, magazine, vehicles, compound

II. INSPECTION RESULTS: All work and work areas and vehicles are IAW WP and SSHP

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES:

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG

FOR OE OPERATIONS

DATE: 5/24/99	TIME: 1700	LOG NO.: PS 15
CONTRACT NO.: DACA87-97-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: SEDA Prison Site		
WEATHER CONDITIONS: 50°-60°, rain, 5-20 mph winds		

I. AREAS INSPECTED: (List by grid number, coordinates or description) Area 44, grid 2 Survey & dig teams

II. INSPECTION RESULTS: All work was IAW WP and SSHP

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES:

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG

FOR OE OPERATIONS

DATE: 5/25/99	TIME: 1700	LOG NO.: DS16
CONTRACT NO.: DACA87-97-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: SEDA Prison site		
WEATHER CONDITIONS: 50-55°, cloudy, rain, 10-20 mph winds		

I. AREAS INSPECTED: (List by grid number, coordinates or description) Survey & dig flags

II. INSPECTION RESULTS: All work was IAW WP & SSHP

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES:

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG

FOR OE OPERATIONS

DATE: 5/26/99	TIME: 1710	LOG NO.: PS 10
CONTRACT NO.: DACA87-97-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: SEDA		
WEATHER CONDITIONS: 50°-55°, cloudy, some rain, winds 15-25 mph		

I. AREAS INSPECTED: (List by grid number, coordinates or description) Survey

II. INSPECTION RESULTS: All work was IAW WP455HP

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES:

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG

FOR OE OPERATIONS

DATE: 5/27/99	TIME: 1630	LOG NO.: DS 18
CONTRACT NO.: DACA87-97-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: SEDA Prison site		
WEATHER CONDITIONS: 45°-65°, Sunny, 10-20mph winds		

I. AREAS INSPECTED: (List by grid number, coordinates or description) Survey, demo team, Air/ officer

II. INSPECTION RESULTS: All work was IAW WP+SSHP

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES:

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG

FOR OE OPERATIONS

DATE: 6/1/99	TIME: 1615	LOG NO.: 19
CONTRACT NO.: DACA87-97-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: SEDA Prison Site		
WEATHER CONDITIONS: 65°-80°, cloudy, showers, winds 10-15 mph		

I. AREAS INSPECTED: (List by grid number, coordinates or description) Dig team

II. INSPECTION RESULTS: All work was IAW WP & SSHP

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES:

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG

FOR OE OPERATIONS

DATE: 6/2/99	TIME: 1700	LOG NO.: PS 20
CONTRACT NO.: DACA 87-97-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: SEDA Prison Area		
WEATHER CONDITIONS: 53-73°, cloudy, morning showers, light breezes		

I. AREAS INSPECTED: (List by grid number, coordinates or description) Survey

II. INSPECTION RESULTS: All work was IAW WP + SSHP

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES:

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG

FOR OE OPERATIONS

DATE: 6/4/99	TIME: 1315	LOG NO.: PS21
CONTRACT NO.: DACA87-97-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: SEDA prison site		
WEATHER CONDITIONS: 60-72°, sunny, light breezes		

I. AREAS INSPECTED: (List by grid number, coordinates or description) Survey, field office, magazine

II. INSPECTION RESULTS: All work was IAW wp & SSHP

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES:

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG

FOR OE OPERATIONS

DATE: 6/7/99	TIME: 1515	LOG NO.: PS 22
CONTRACT NO.: DACA87-97-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: SEDA Prison site		
WEATHER CONDITIONS: 80°-90°, mostly sunny, SW winds 10-15 mph		

I. AREAS INSPECTED: (List by grid number, coordinates or description) Dig team Area 43

II. INSPECTION RESULTS: All work was IAW WP & SSHP

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES:

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

EODT QUALITY CONTROL INSPECTION AND AUDIT LOG

FOR OE OPERATIONS

DATE: 6/8/99	TIME: 1645	LOG NO.: PS 23
CONTRACT NO.: DACA87-97-D-0005	DELIVERY ORDER NO.: 0003	
LOCATION: SEDA		
WEATHER CONDITIONS: 70°-75°, sunny, wind W 15-25 mph		

I. AREAS INSPECTED: (List by grid number, coordinates or description) Survey

II. INSPECTION RESULTS: All work was IAW WP & SSHP

III. CORRECTIVE ACTIONS RECOMMENDED (If required):

IV. REINSPECTION RESULTS (If required):

V. SIGNATURES:

I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (if necessary).

APPENDIX E

EODT DEMOLITION SHOT RECORD

Site Name/Location:		Date:
Seneca Army Depot, Prison site		4/5/99
Shot Location (OB/OD Range or Grid No.):	**Demolition Supervisor:**	**State License # (if applicable):**
44A, Grid 3	Howard Stepp	
Type of UXO/OE Destroyed, Vented or Burned:	**Firing Method:**	**Time of Shot:**
1ea M407A1 40mm practice gren	Non-elect	1410
Direction and Distance to Nearest Building, Road, Utility Line, etc.:	Temp: 70° Wind Dir./Speed: 0-5	
2500ft	Ceiling: UNL Clouds/% Sun: 60% Sun	
Type and Amount of Tamping Used:	**Mat or Other Protection Used (list):**	
Sand bags 2 feet		
Seismographic / Sound Level Meter Used: Yes ☐ No ☐	**Readings / Results:**	

Demolition Materials Used

Description	Amount	Description	Amount
Perforator	1ea	Time Fuze	16ft
Det Cord	2ft	Squibs	Ø
Electric Detonator	Ø	Black / Smokeless Powder	Ø
Non-electric Detonator	2	Two Component	Ø
Non-El Detonator	Ø	Other (list)	Ø

Certification

I certify that the explosives listed were used for their intended purpose, and that the UXO/OE listed were rendered inert/destroyed.

Signature of Demolition Supervisor: [signature] Date: 5/4/99

Site Name/Location:		Date:
SENECA ARMY DEPOT		5/27/99
Shot Location (OB/OD Range or Grid No.):	**Demolition Supervisor:**	**State License # (if applicable):**
~~1 EA M651~~ 1 EA M651 44A GRID 6	WEBB Keller	
Type of UXO/OE Destroyed, Vented or Burned:	**Firing Method:**	**Time of Shot:**
1EA M651 40mm CS grenade	NON electric	15:00
Direction and Distance to Nearest Building, Road, Utility Line, etc.:	Temp: 60° Wind Dir./Speed: NW 10-20	
2500 FT	Ceiling: UNL Clouds/% Sun: SUNNY	
Type and Amount of Tamping Used:	**Mat or Other Protection Used (list):**	
NONE		
Seismographic / Sound Level Meter Used: Yes ☐ No ☐	**Readings / Results:**	

Demolition Materials Used

Description	Amount	Description	Amount
Perforator	Ø	Time Fuze	16 FT
Det Cord	20 FT.	Squibs	Ø
Electric Detonator	Ø	Black / Smokeless Powder	Ø
Non-electric Detonator	2eA	Two Component	2eA.
Non-El Detonator	Ø	Other (list)	Ø

Certification [signature] 5/27/99

EODT Explosive Accountability Record
(Magazine Data Card)

Product Code/FSN:	Nonmenclature:	Location:
UN0267	NON-ELEC. DETONATOR	MAG # DG 2103
Date Code/Lot NR:	**Qty Per Case:**	**Qty of Cases:**
7NOV96	50	2

Date	Bill of Lading/ Voucher NR	Received From/ Issued To	Qty Received	Qty Issued	Balance	Initials	
11/25	3611	OMNI	100		100	[illegible]	sam
12/4		DEMO		10	90	wtk	SR
12/10		Demo		4	86	WTK	SR
12/17		INV			86	BSR	[illegible]
4/12/99		INV			86	wtk	MEC
4/29/99		INV			86	wtk	MEC
5/4/99		Demo		3	83	[illegible]	wtk
5/4/99		Return to bunker	1		84	[illegible]	wtk
5/11/99		INV			84	[illegible]	[illegible]
5/20/99		INV			84	[illegible]	[illegible]
5/27		Demo		2	82	wtk	sam
5/27/99		INV			82	sam	wtk
6/4		INV			82	wtk	[illegible]
6/10		INV			82	wtk	[illegible]
6/16		Demo		2	80	wtk	sam

EODT Explosive Accountability Record
(Magazine Data Card)

Product Code/ESN: 0289 SR UN0441	Nonmenclature: CORD, DETONATING	Location: MAG # DG2103
Date Code/Lot NR: EX9806054	Qty Per Case: 500FT	Qty of Cases: 1

Date	Bill of Lading/ Voucher NR	Received From/ Issued To	Qty Received	Qty Issued	Balance	Initials	
11/25	4307090267GV	HALABURTON	500		500	SR	Jay
12/4		DEMO		24'	476	WA	SR
12/10		DEMO		10'	466'	WA	SR
12/17		INV			466	SR	RSR
4/12/99		INV			466'	mk	MFC
4/29/99		INV			466'	mk	MFC
5/4/99		Demo		2	464'		NR
5/13/99		INV			464'		
5/30/99		INV			464'		
5/27		Demo		20'	444'	mk	Jay
5/27/99		INV			444'	pam	mk
6/4		INV			444'	mk	JW
6/10		INV			444'	mk	RS
6/16		Demo		103'	341'	mk	Jay
6/23		Demo		25'	316'	mk	RS

Yellow Stick

EODT Explosive Accountability Record
(Magazine Data Card)

Product Code/FSN:	Nonmenclature: yellow stick	Location: Bldg 2104
UN 1942	AMMONIUM NITRATE	~~MAG # DG 2103~~
Date Code/Lot NR:	**Qty Per Case:**	**Qty of Cases:**
13 JAN 99	72	1

Date	Bill of Lading/ Voucher NR	Received From/ Issued To	Qty Received	Qty Issued	Balance	Intials	
5/23		EODT LENORE CITY TN	72		72	wrk	
5/27		DEMO		2	70	wrk	sam
5/27		INV			70	sam	wrk
6/4		INV			70	wrk	fw
6/10		INV			70	wrk	RB
6/16		DEMO		4	66	wrk	sam
6/23		DEMO		1	65	wrk	RB
6/24		INV			65	fw	GA
6/30		DEMO		4	61	GA	CB
7-1		INV			61	CB	
7/12		INV			61	TL	
7/12		INV			61	RB	GA
7/27		DEMO		47	14	GA	RB
7/29		INV			14	RB	
8/4		INVENTORY			14	MRC	GA

DOD Explosive Accountability Record
(Magazine Data Card)

Product Code/FSN: UN0131	Nomenclature: IGN. TOR, FUZE	Location: MAG# DB 21C
Date Code/Lot NR: 12MAY98/MS/RPS EX 9508033	Qty Per Case: 200	Qty of Cases: 1

Date	Bill of Lading/ Voucher NR	Received From/ Issued To	Qty Received	Qty Issued	Balance	Initial	
11/25	139645	ORIGINAL	200		200	[illegible]	[illegible]
12/4		DEMO		13	187	[illegible]	[illegible]
12/10		DEMO		6	181	[illegible]	[illegible]
12/17		INV			181	[illegible]	[illegible]
4/12/99		INV			181	[illegible]	[illegible]
4/29/99		Demo		8	173	[illegible]	[illegible]
4/30/99		RETURN TO BUNKER	8		181	[illegible]	[illegible]
4/30/99		INV			181	[illegible]	[illegible]
5/4/99		Demo		8	173	[illegible]	[illegible]
5/4/99		Return to bunker	5		178	[illegible]	[illegible]
5/13/99		INV			178	[illegible]	[illegible]
5/21/99		INV			178	[illegible]	[illegible]
5/27/99		Demo	3		175	[illegible]	[illegible]
5/27/99		INV			175	[illegible]	[illegible]
6/9		INV			175	[illegible]	[illegible]

EODT Explosive Accountability Record
(Magazine Data Card)

Product Code/FSN:	Nonmenclature:	Location:
UN0105	FUZE SAFETY	DG 2103
Date Code/Lot NR:	**Qty Per ~~Case:~~**	**Qty of Cases:**
20 FEB 98	ROLL 100 FT	2

Date	Bill of Lading/ Voucher NR	Received From/ Issued To	Qty Received	Qty Issued	Balance	Intials	
11/25	3611	OMNI	200	—	200	SR	[illegible]
12/10		DEMO		6.5'	193.5	SR	WTA
12/17		INV			193.5	SR	RSR
4/12/99		INV			193.5	mk	MRC
4/29/99		INV			193.5	mk	MRC
5/4/99		Demo		27.5'	166.0	[illegible]	mk
5/13/99		INV			166	[illegible]	[illegible]
5/20/99		INV			166	[illegible]	[illegible]
6/22/99		Demo		19.5	146.5	mk	[illegible]
5/27/99		INV			146.5	sam	mk
6/4		INV			146.5	mk	fw
6/10		INV			146.5	mk	RS
6/16		Demo		22'	124.5	mk	[illegible]
6/23		Demo		24.5	100'	mk	RS
6/24		INV			100'	fw	[illegible]

EODT Explosive Accountability Record
(Magazine Data Card)

Product Code/FSN:	Nomenclature:	Location:
UN0441	SHAPE CHARGE PERFORATOR	MAG # ~~2~~ 3 DG2103
Date Code/Lot NR:	**Qty Per Case:**	**Qty of Cases:**
10-30-98	50	2

1998 Date	Bill of Lading/ Voucher NR	Received From/ Issued To	Qty Received	Qty Issued	Balance	Initials	
11/24	218750	HALABURTON	100		100	SAR	
12/4		DEMO		21	79	SAR	
12/10		DEMO		7	72	SAR	
12/17		INV			72	SAR	
4/12/99		INV			72	wrk	
4/21/99		Demo		2	70	wrk	
4/27/99		RETURN TO BUNKER	2		72	wrk	
4/29/99		INV			72	wrk	
5/4/99		Demo		2	70		
5/4/99		Return to bunker	1		71		
5/12/99		INV			71		
5/20/99		INV			71		
5/27/99		INV			71		
6/4		INV			71		
6/10		INV			71		

APPENDIX F

12 April 1999 Monday

0700 Arrived Seneca Army Depot

→ Personnel Assigned To Proposed Prison Site OE Site Sampling & Characterization:

Sal Molle SUXOS/Safety

Webster Keller UXO Spec

Maxine Cobble UXO Spec

0710 Made Contact with Mr Steve Absalom base BRAC Officer - Conducted Site Safety Brief.

0800 Arrived EODT Site Building, And open up Site

1000 Along With Mr Steve Absalom, Fred Kaufman & ~~Team~~ team We were Taken To SEAD-43 & 44A Areas

1120 Returned To EODT Site Building To Collect Equip To Stake out perimeter of SEAD-44A Site Appox 5 Acres

1200 Break For Lunch

1300 Returned To SEAD-44A Site & Starting Laying in 4 Corners of the Site perimeter.

1500 Completed SEAD-44A Site perimeter STAKing

→ Started Visual Surface Sweep Southern boundary

→ OE (13ea) M781 40mm Practice Projs in TACT

(2)

12 April 1999 Court

→ ORS M781 Trash Appox 4465

1700 Secured Field Ops

1745 Transfered White Locator to Lenoir City, TN Home Office As per Mr. M. Short Request.

1800 Secured For The Day

Ad Moore

13April 1999 Tuesday

Weather Forecast Hi 50°F, Lo 30°F, Skies Clear, Wind NW 10 mph

0700 Arrived Seneca Army Depot

0715 Arrived Site Office

0720 Morning SAFety brief

0800 Resume Visual Surface OE Sweep of SEDA 44A Site

→ OE (16ea) M781 40mm Practice projo's intact

→ ORS M781 Trash Approx 15-16s

1145 Break For Lunch

1215 Resume Visual Surface Sweep 44A Site

. 30 Hydro-Ax on Site - Driver Given Site SAFety Brief - Target Vech. Located in Site perimeter Moved To Access Road.

1330 Bush Cutting, Site clearing started.

1530 Hydro-Ax Secured due to high Running Temp. Mech. Called - Field Ops Secured At This Time

1550 Arrived EOD Site OFFice

1735 Secured For The Day

14 April 1999 Wednesday

Weather Forecast: Hi 56°F Lo 37°F, Skies Clear
Winds W 9mph

0700 Arrived Seneca Army Depot

0710 Arrived EODT Site Office

0715 Morning Safety Brief

0745 Resume Hydro-Axe Cleaning of SEAD 44A Site

0900 Met with Mr Steve Absalom About Grid Locations in SEAD-43 & 44A Sites.

1000 Checked Selected Grid Locations in SEAD-43 Site Area- There has been a EM31 Survey Conducted Around Building 606- So most Our Grid Locations will be in with one Location North of Building 606-

1115 Break For Lunch

1150 Resume Visual Sweep SEAD 44A

1315 Resume Hydro-Axe Clearing SEAD 44A

1430 Hydro-Axe Overheating- Mechanic called to Site-

1540 Hydro-Axe back online and Cutting

1615 Secured Hydro-Axe Operation For the Day

(5)

14 April 1999 Con't

→ Appox 65% OF SEDA 44A Grubbing Comple

1700 Returned To EA Field OFFice

→ OE (3ea) M781 pratice 40mm intact.

→ ORS – Appox 5 Lbs

Note To Date The Only OE Encountered on This Site SEDA 44A has been 40MM pratice Rounds OR parts OF Same. We have Found Two Shotgun Shells Live in Area & One Expended pop-Flare Noted just outside Eastern boundry Fence.

1730 Secured For The Day

[signature]

15 April 1999 Thursday

0650 Arrived Seneca Army Depot

Note: Weather located on Daily Safety Log Sheet

0700 Arrive EOST Field Office

0710 Morning Safety Brief

0740 Resume Brush Clearing SEAD 44A

0915 Completed Brush Clearing with the Exception of Four (4) berms Located SEAD 44A

1000 Started brush Clearing SEAD 43

1115 Break For Lunch

1150 Resume brush Clearing SEAD 43

1420 Completed brush Clearing SEAD 43

1430 Start berm, brush Clearing SEAD 44A-

1600 Secured Field Ops - Returned EOST Field Office

→ OE (2 ea) M781 practice 40mm INTACT

→ ORS - Approx 2665

1700 Weekly Equip Maint -

1730 Secured For The Day

19 April 1999 Monday

Weather Forecast: Hi 54°F Lo 39°F, Skies Partly Cloudy w/ Showers.

0655- Arrived Seneca Army Depot

0700 Morning meeting with Steve Absalom About SEDA 44A & its pollution usage -

0730 Morning SAFety Brief

0740 Departed Site office For SEDA 44A Site

→ Resume Berm Cleaning with Hydro-Axe

1100 Hydro-Axe ops Completed - Remaining Berm Cleaning will be done by hand, Chain Saw etc.

1125 Break For Lunch

1200 Resume HAND Cleaning Berms SEDA44A

1530 Secured Field ops - Returned To EOS Office Site - Equip MAINTENANCE

1700 Secured For The Day

(8)

20 April 1999 Tuesday

0705 Arrived Seneca Army Depot

→ Richard Hopkins EODT on site / Arr Geneva 4/19/99

0715 Arrived EODT site office

0720 Morning Safety Brief / Mr Hopkins given initial site brief

0815 Depart office for field ops SEAD 44A site

0830 Arrived SEAD 44A site -

→ Started laying grid corner stakes & lane stakes

1145 Break for lunch

1215 Resume grid layout. - Visual surface of SW sector of area complete

1600 Secured field ops

~~[illegible]~~ OE (33) ea M781, 40mm practice intact projs

ORS 10 Lbs approx

1715 Team debrief -

1730 Secure for the day

[signature]

21 April 1999 Wednesday

0655 Arrived Seneca Army Depot

0710 Arrived EODT Site OFFICE

0715 Morning SAFETY Brief

0800 Start Field ops - Grid Layouts SEDA 44A

Continue - STA C.O. LTCOL OLSON Site Visit

1140 Break For Lunch

1215 Assemble EM-61 Equip & Check

→ Resume Layout OF AREA SEDA 44A

1400 SEDA 44A Grid Layouts Complete

1415 Geophysical EM-61 Survey STARTS. Note: Ruts in Area Cause by Equip (Hydro-Axe) May hinder Survey - ALL parties Concerned with this Survey Where Made Aware of This on 15 April 99

1645 Secured Field Ops

1715 Returned EODT Site OFFICE

1740 Secured For The Day

(10)

22 April 1999 Thursday

0700 Arrived Seneca Army Depot

→ Maxine Cobble OFF Today will make up time on 23 April 99.

0715 Arrived EODT site office

0720 Morning Safety brief

0810 prep. EM-61 For Wet weather operations

0900 Continue START A Geophysical Sweep OF SEAD44A

1200 Secured Field ops Due To Heavy Rains, Deep Mud & Ruts, Walking with EM-61 Equip under these Condition - UNSAFE!

1300 Secured Equip - Down Load EM-61 Data

1315 Secured For The Day - Notified EODT of decision To Secure.

23 April 1999 Friday

0655 Arrive Seneca Army Depot

0710 Arrive EOST Site Office

0720 Morning SAFETY BRIEF

→ Terry Willis Arrived 4/22 Given Site Indoc & SAFETY BRIEF

0845 Depart Site OFFice For Work Area

→ Conducted EM-61 Survey North Section of AREA

→ Continue To Conduct Visual Sweep

OE - 26 ea 117781 PRACTICE 40mm INTACT

ORS-(1) Lb SCRAP

1200 Break For Lunch

→ Down Load & process EM-61 DATA

1230 Weather STILL Rain - Secured EM-61 Ops For the Day

1330 Completed Site inventory

→ Payroll & paperwork

→ Assembled Survey Equip & Operational Check OF Same

1550 Secured For The Day

Note: Today Was MAKE up Day For Thie. Rain out

(12)

24 April 1999 Saturday

0645 Arrived Seneca Army Depot

0700 Arrived EAST Site OFFICE: Personnel on Site

S.A. Mowe SUXOS / SSHO

T.D. Willis UXOS

R. Hopkins Geophy.

0710 Morning SAFETY Brief

0800 Departed For Work Site To Conduct EM-61 MAN CARRY Test - Survey SEDA-44A Grid Location

0815 Arrived SEDA-44A

0900 Completed EM-61 Test

0[illegible] START Grid Survey of SEDA-44A-

1415 Completed Survey of SEDA-44A

1500 Secured OPS For The Day

A.R. Mowe

(13)

25 April 1999 Sunday

0800 Arrived Seneca Army Depot

0830 Arrived EODT Field Office

Next Personnel SAL Mollo SUXOS

Terry Willis UXOS

0840 Morning Safety Brief

915 Departed Office For Work Site

1000 Arrived Work Site SEDA 44A

→ Start Collecting Geophysical Data with EM61

1230 Secured Data Collecting ops - Return To Site Office.

1 1 Secured For The Day

A A Mollo

26 April 1999 Monday

1655 Arrived Seneca Army Depot

Note: Howard Stepp Arrived on Site AS SSHO/QC

0710 Arrived EODT Site OFFICE

0715 Morning SAFETY BRIEF - Howard Stepp Site INDOC BRIEF.

0900 Arrived SEAD 44A TO perform H2O Conductivity TEST OF STANDING H2O IN AREA. EM-61 INOP, CAUSED believed TO be WATER IN LOWER COIL. A CRACK WAS LOCATED IN LOWER COIL OF SYSTEM.

1000 Crew Conducting Survey Ops in SEAD 43 AREA LOCATING Grid CORNER STAKES And Site boundry.

1140 BREAK FOR LUNCH

1210 Resume Survey OF SEAD 43 AREA

1330 Richard Hopkins Site Geophysicist Return with CONTACT CLEANER - SPRAYED EM-61 Coil with Same ~~Then~~ EM-61 Going BACK TO The Field (SEAD 44A SITE) FOR TEST RUN-

1500 Geophysicist Feels Equip Working OK - UNABLE TO determine WHAT IS CAUSING High MILLIVOLTS IN Site AREA - ON OBG EM-61 TEST Grid Equip Works

(15)

26 April 1999 Monday cont'd

→ OK. During the 3 way phone call between the PM, Corps Rep & Geophysicist it was decided to order in a Replacement EM-61 System.

1645 Survey of Seeps 43 Grid Sites Completed

1715 Debrief Crew

1740 Secure For The Day

AA Mollo

(16)

27 April 1999 Tuesday

0655 Arrived Seneca Army Depot

0710 Arrived EODT Field Office

0715 Morning Safety Brief

0810 Departed Field Office For SEDA-44A Site

0825 Arrived SEAD 44A Site

→ Conducted "White" Locator Training

→ Surveyed Anomalies Location in SEAD 44A - Grid 3

1100 Replacement EM-61 System Arrived at hotel dispatch personnel to pickup same

1200 Break For Lunch

1230 Resume Survey Anomaly Locations Grid #3

1315 Conducted Test Run With Replacement EM-61 Same Results. "Top Coil High Millivolts"

1600 Corps Geophysicist, & Kevin Healy Notified We Were directed by Corps Geophysicist Mr Selfridge To Continue Collecting Data With EM-61 System As is.

1700 Completed Survey of Anomaly Location in Grid #3

1730 Secured For The Day

28 April 1999 Wednesday

0700 Arrived Seneca Army

0710 Arrived EODT Field Office

0715 Morning Safety Brief

Note→ Corps Safety Rep Fred Allan Arrived on Site

0845 Willis & Cobble Geophysical Team collecting data SEAD 44A Grid 2

0945 Stepp/Keller Intrusive digs in SEAD 44A Grid 3.

1130 Break For Lunch

1200 Resume Field Ops in SEAD 44A

1515 Secure Geophysical Ops. Completed Grid 2 & 2/3 Complete Grid 1

1640 Secure Intrusive digs Grid 3, 60% Complete.

→ OE-(1)ea 40mm. M407A1 practice This Round Contains (1) RDX & (2) yellow Smoke pellets. INTACT

→ OE (4) ea 40mm M781 practice INTACT

→ QRS (10) Lbs Mix

1700 Arrived Field office - Debrief Crew.

1730 Secured For The Day

(18)

29 April 1999 Thursday

0655 Arrived Seneca Army Depot

0710 Arrived East Field office

0715 Morning Safety Brief

0745 Teams Depart Field office For SEAD-44A Site

0800 Arrived Work Site

→ Resume Geophysical Survey of SEAD-44A Grid 1

→ Resume Intrusive digs SEAD-44A Grid 3

1045 Completed Intrusive digs Grid 3 (79 digs Total)

1135 Completed Geophysical Survery

114 Break For Lunch

1220 Return To Site office To gear up For Disposal ops. De-mil one (1) 40mm M407A1 practice

1250 Steve Absolon Notified of intented Shot At 1400 his office will make All Notification.

1330 Demo ops cancelled due To Crimper Failure

1400 Conducted Weekly Demo inventory All Accounted For.

1420 Keller & Cobble To Work Site, To Lay in Grid Lanes in Grids 5 & 6.

1600 Secured Field ops - Weekly Equip Maint

1630 Secure For Maint

[signature]

03 MAY 1999 Monday

Weather: Lo: 48 Hi: 72, Skies Clear, Wind - 5-10 mph

0700 Arrived Seneca Army Depot

→ Two New Arrivals on Site: Dave Garner & Mark Miller Both UXO Spec.

0715 Arrive East Site Office

→ Morning Safety Brief, Site Safety Brief

0910 Crew Departs For Work Site SEAD-44A - To Survey points Grid 4 & Geophysical Grids 5 & 6

Note: Unable To Contact Weston Surveyor Notified Steve Absolom of same. They were To Start OBG Survey by Levels of Contamination.

1100 Dave Garner Cross Trained, Able To Survey Dig Locations - Terry Wills Geophysical Data Collecting After Lunch.

1130 Break For Lunch

→ Informed by Steve Absolom That Weston Survey of OBG pushed 3 wks.

1200 Resume work in SEAD 44A.

1430 Departed Field Office For Work Site

1445 Arrived Work Site SEAD 44A - Observe Field Ops.

20

03 MAY 1999 Cont

1600 Geophysical Collection Secured Field ops Return To Field OFFICE To down LOAD DATA Grid 6 Completed 5 LANES - 60'

1630 ANOMALY Survey TEAM Secured Marked (40) Forty locations Grid 4 Delay due To Error in ANOMALY initial down Load.

1700 Returned To Field OFFICE

1730 Secured For The DAY

A A Mallo

04 MAY 1999 Tuesday

E Weather :

0700 Arrived Seneca Army Depot

0710 Arrived EOD T Site OFFice

0720 Morning SAFety Brief

0740 Teams Depart Site OFFice For Work Site

0755 Arrived AT Work Site 44A - One Three MAN Team Surveying ANOMALY LOCATIONS IN Grid 4 One Two MAN Team Collecting Geophysical DATA Collecting IN Grids 5 & 6.

1030 Steve Absolom ON Site SEDA 44A. With Question About LeTTing Construction people STOCKpile DIRT ON The Northern Boundry OF SEAD 44A - Which RANGES From Appox 20' to 150' OFF Northern boundary. Minimum NWD For SEAD 44A is 1095 FT.

1130 BREAK For LUNCH

1200 RETURN TO Field OFFice To prep For DPH Disposal Shot OF 40MM IN SEAD 44A Grid # 4mm ANOMALY NO: 338.

1300 DepARTED Field OFFice For Work Site To Conduct Demo OPS

(22)

04 MAY 1999 Cont'd

1315 Arrived Work Site

→ Blocked Entrance Road to SEAD 44A

→ Called Base Ops

→ Set up Demo Shot on 40mm Anomaly #338

1411 Shot Fired

→ SUXOS & SSHO in to Check Shot -

1418 ALL CLEAR

1430 Resume Marking Anomaly Locations Grid 4

→ Return Unused Demo To Bunker

1500 Doug Murray Site PM Arrived on Site

→ Given Site Brief

1400 Secure Geophysical Field Ops Return to Site Office To Down Load Data.

1630 Secured Survey OF Anomaly Locations in Grid 4.

1700 Crew Brief & Work update from PM

1730 Secured for the Day

S O Mack

05 MAY 1999 Wednesday

0655 Arrived Seneca Army Depot

0710 Arrived EOST Field Office

→ Weather: Lo 50°F Hi 73°F, Skies Clear Winds 5-10 mph

0720 Morning Safety Brief & Ops Brief

0745 Teams To Field - One Collecting Geophysical Data in Grid 5 & One Intrusive in Grid 4.

0820 Visitors Arrived on Site Tom Manthey & Joe Morrison both From Koester Envir. & McDoug Murray EOST Site PM.

→ Above Visitors Given Site Safety Brief and Escorted To The OBG Area.

1000 Visitors Tom Manthey & Joe Morrison of Koester Envir Departed Site.

1005 Meeting At Base Ops About OB Range TO: 0003

1200 Break For Lunch

1230 Resume Work in SEAD 44A, Grids 4 & 5

1430 Exchanged Pickup Trucks with Doug Murray - Chev pickup & Utility Trailer Returned to Lenox City, TN Rental pickup To Remain On Site.

1500 Site PM Doug Murray departs site.

1630 Work Teams Returned To Site Office

24

05 MAY 1999 Wed Cont'd

→ Anomaly Dig Team Completed 116 Digs
No Live OE Items Located

→ Geophysical EM-61 Team 150x170' of Beam
Remaining To Complete Grids

1700 Downloaded - Geophysical Data

1730 Secured For The Day

06 MAY 1999 Thursday

0655 Arrived Seneca Army Depot

0710 Arrived EOST Field OFFICE

→ Weather: Hi 80°+ 10:58, Sun & Clouds, Cool Thunderstorms

Winds SW 10-15 mph

0720 Morning Ops & Safety Brief.

0740 Survey Crew To SEAD 43 Site To Survey in Grid Corners - Then proceed to SEAD 47A To MARK Anomalies in Grid 4

0815 Was Notified by Survey Crew That the Prison Site Construction people Had been in Area 43. This was passed to Steve Absolom.

0835 SUXOS & Corps Safety Arrived SEAD 43 Site. Construction Crews Had been in this AREA with A bulldozer, Cleared A chipper & Left A pile OF Stumps And RAN Fence post Along The Northren boundry OF our Area. This was Reported To Mr Steve Absolom.

0910 Returned To Site Field OFFice, To Gear up For STACKing SEAD 43 Site

0940 START Geophysical DATA COLLECTION in SEAD 47A Grid 5 - Beam AREA.

(26)

06 MAY 1998 Thursday Con't

1000 Arrived SEAD 43 Site To STAKE LANES in Grids 7, 8, 9 & 10.

→ Completed STAKING LANES Grid 7

1100 BREAK For Lunch

1130 Return Field OFFice For STAKE PAINT

→ Resume Geophysical Ops SEAD 44A - Grid 5

1145 Arrived SEAD 43 Site Resume Staking Grids

1330 Completed STAKE OUT OF Grids 8, & 9

1345 Returned Field OFFice

1500 Geophyscial DATA Collecting SEAD 44A Complete. Team Returned Field office To downLoad DATA.

1600 Kevin Healy Corps Requested DATA be Sent His OFFice

1615 ALL Field Ops Secured For The Day

→ Equip MAINT / PARTS

→ OF The 182 Anomalies in Grid 4 - 116 Have been Dug & 144 ANOMALIES Marked

1720 Secured For The DAY

(37)

07 MAY 1999 Friday

Weekend Routine – David Garner in for annual physical at Lifecare

Grid 4

Total 182

Drug 116

Marked 144 Total

Today 28

10 MAY 1999 MONDAY

0655 ARRIVED SENECA ARMY DEPOT

0710 ARRIVED EAST FIELD OFFICE

→ WEATHER: LO 47 HI 60, AM CLOUDY PM SUNNY, WIND NW 10-20

0715 RICHARD HOPKINS GEOPHYSICIST CALLED ABOUT DATA STAT.

→ MORNING OPS / SAFETY BRIEF

0800 TEAMS TO SITE SEDA 43 - LAYING IN LANES IN GRIDS 7, 8, 9 AND STAKE GRID 10. - TERRY TO RUN QC AT ~~HALF~~ TIME OB QC LINE.

0900 STARTED GEOPHYSICAL DATA COLLECTING IN SEDA 43 GRID 7

1 - COMPLETED GEOPHYSICAL DATA COLLECTING GRID 7 SEDA 43

→ LANES LAYED IN GRIDS 8, 9, - GRID 10 STAKED

1120 BREAK FOR LUNCH

1150 RETURNED TO SEDA 43

1215 START GEOPHYSICAL DATA COLLECTING GRID 8

→ RESUME ANOMALY SURVEY POINTS SEDA 44A GRID 4

1340 CORPS SAFETY REP FRED ALLAN ARRIVED ON SITE

1520 ~~1550~~ THREE WAY PHONE CALL WITH KEVIN HEALY CORPS ENV, DOUG MURRAY EAST PM & S.A MOLLE SUNOS. WE WILL CONTINUE TO COLLECT DATA IN SEDA 43 & MARK (SURVEY) IN ANOMALY

(29)

10 MAY 1999 Monday Cont'd

LOCATION & dig AS MANY LOCATIONS AS possible IN SEAD-44A. They Need AS much Dig DATA AS possible to make A decision on How To proceed. With 100% dig we Are SEVERAL WEEKS AWAY From Completing SEAD-44A.

1630 Geophysical Crew RETURNED EAST Field OFFICE

→ SEAD 43 Grids 7, 8, & 1/2 of 9 Completed - DOWN-LOADING DATA.

1700 ANOMALY MARKING Crew RETURNED EAST Site OFFICE

→ SEAD 44A Grid # ALL ANOMALIES SURVEYED.

→ ALL LANES IN SEAD 44A Grids 5 & 6 picked up.

1715 Crew Ops Debrief

1730 Secured For The Day

AQ Mace

11 MAY 1999 TUESDAY

0658 ARRIVED SENECA ARMY DEPOT

0710 ARRIVED EODT FIELD OFFICE

WEATHER: LO 52 HI 60's, CLOUDS & SUNSHINE, WINDS NW 10MPH

0715 MORNING OPS/SAFETY BRIEF

0750 DIG TEAM DEPARTS FIELD OFFICE TO RESUME DIGGING SEDA-44A GRID 4

0815 GEOPHYSICAL TEAM DEPARTS FIELD OFFICE FOR SEAD 43 RESUME DATA COLLECTION IN GRID 9.

1000 RECEIVED RADIO CALL FROM HYDRO-AXE OPERATOR THAT HE HAD HIT A CONTAINER WHILE CLEARING BRUSH FOR THE PROPOSED HOLDING AREA "TANK H20" FOR THE OB RANGE. SUXOS & CORPS SAFETY RESONPED TO CALL, AND I.D'ed ITEM AS A PROP CHARGE CONTAINER END - NO CONTAINER WAS LOCATED, WHILE IN THAT AREA WE DID LOCATE A 30MM CARTridge CASE "EMPTY"

1115 BREAK FOR CHOW

1145 RESUMED OPS IN BOTH SEDA SITES 44A & 43.

1230 COMPLETED INTRUSIVE DIGS SEAD 44A GRID 4 - A TOTAL OF 66 ANOMALIES WERE INVESTIGATED NO UXO OE DISCOVERED ONLY OE SCRAP. "10LBS"

1300 STARTED SURVEY MARKING OF ANOMALY LOCATIONS

(31)

11 MAY 1999 Tuesday Con't
IN SEDA 44A Grid 2

1500 Geophysical Team Secured Field ops, due to The Lack of Memory in The poly corder.
→ SEDA-43 Grid 9 Stopped 45' Short of its Eastern boundry due To Trash "Wood" pile Layed in Grid Area by Contruction Company
→ SEDA-43 Grid 10 2/3 Complete - There is 80' Remaining.

1700 Anomaly Marking Team Secured Field ops -
→ Sixty (60) Anomaly Locations SEDA 44A Grid 2 Marked.

1715 Ops Debrief Crew

1730 Secured For The Day

[signature]

12 MAY 1999 Wednesday

0655 Arrived Seneca Army Depot

0710 Arrived EODT Field Office

Weather: Lo 37°c Hi: 60-65, Sunshine, Winds 10-20 mph

0715 Morning Ops / Safety Brief

0745 Dig Team Departs EODT Field Office For SEDA-44A Grid 2 To dig Anomalies Marked yesterday

0750 Geophysical Data Collecting To SEDA-44A, To Relocate Two Anomalies Missed in Grid 3 And To Collect Geophysical Data One Laline Missed in Grid 6.

1830 Geophysical Team Completed "Above" Returned To Field Office To Transmit Info & Data To EODT Geophysicist.

1010 Dig Team Completed Excavating 60 Marked Anomaly Locations in SEDA-44A Grid 2. No Live OE Located

1030 Geophysical Team Returned To SEDA 43 Site To Finish Collecting Data in Grid 10

→ Dig Team / Anomaly Marking Anomaly Location in SEDA-44A Grid 2.

1130 Break For Lunch

→ Geophysical Team Continue To Collect Data SEDA-44A Grid 60

(33)

12 MAY 1999 Wed. Cont

1200 Geophysical Survey SEDA-43 Grids Complete

→ Anomaly Marking Team Resume Marking Anomaly Locations SEDA-44A Grid 2

→ Geophysical Team Returned EAST Field Office to Download / Transmit Collected Data to EAST Geophysicist.

1650 Anomaly Marking Team Secured Field Ops

→ Ninety Two (92) Anomalies Marked

1710 Crew Debrief

1730 Secured For The Day

13MAY1999 Thursday

0658 Arrived Seneca Army Depot

0710 Arrived EODT Field Office

Note Webster Kellen out sick

Weather: Sunny Lo: 35 Hi Lo-65 Wind N-10mps

0715 Morning ops/safety brief

0810 Dig Team Departs For SEDA-44A-Grid 2 To dig Anomalies Marked yesterday 92 TOTAL

0820 START INTRUSIVE digs SEDA-44A Grid 2

1110 Break For Lunch

1140 Resume Digs in Grid 2

1.0 Intrusive digs in Grid 2 Complete For Day

→ Return to field office to pickup Survey Equip to Continue To mark Anomaly Location in SEDA-44A Grid 2.

1300 Survey Team Depart Field office For SEDA-44A Grid 2

1500 Survey Team Returned EODT Field office

→ Marked 19 Anomaly Locations

→ Vech & Equip MAINT - prep EM-61 System For Return.

1520 Conducted Explosives inventory "All there"

→ Faxed Dig DATA To Tenny

35

13 MAY 1999 Thursday Cont'd

→ Faxed weekly ops report. To Home OFFICE

→ Faxed Weekly Veh. Mileage TO. Home OFFICE

1645 Departed EODT Field OFFICE To Conduct Veh MAINTENANCE.

1730 Secured For The Day

J A Mollo

17 MAY 1999 Monday

0650 Arrived Seneca Army Depot

0785 Arrived FOST Field OFFICE

Weather: Mostly Sunny - Lo 50 Hi: 70 Winds SW 10-15 mph

0715 Morning ops / SAFETY Brief

0745 Survey Team Departs Field OFFICE For SEDA-44A To Continue MARKING ANOMALY LOCATIONS Grid 2

0800 Team Calling CALLED Home OFFICE - Ref- Mrs Keller's mother only Given 72 Hrs To Live - Member Sent Home ASAP Without pay on PD. He will Return ASAP. OFFICE project PM Approved his Departure.

0835 Webster Keller Departs Site

1000 Received SEDA-44A Grid 6 ANOMALY LOCATIONS VIA E-MAIL From Mr Terry Willis

1010 Departed Field OFFICE For Work Site SEDA-44A Grid 2

1020 Arrived SEDA 44-A Grid - Survey Team MARKED 23 LOCATION

1110 BREAK For Lunch - 33 ANOMALY LOCATIONS MARKED

1140 Returned SEDA-44A, Grid 2 To EXCAVATE MARKED ANOMALIES (52) MARKED & dug Left TWO

1315 Completed EXCAVATING (52) MARKED ANOMALIES

(37)

17 MAY 1999 Monday Court

No Live OE discovered.

1330 Resume ANOMALY Survey LOCATION SEDA 44 Team Grid 2

1700 Survey Team Returned EOBT Field OFFice

→ Sixty Seven (67) ANOMALY Points MARKED SEDA-44 Grid 2

→ DeBrief. Team

1730 Secured For The DAY

A A Mollo

18 MAY 1999 Tuesday

0655 Arrived Seneca Army Depot

0705 Arrived EODT Field office

Note: Personnel on site:

S.A. Molle SUXOS

H. Stepp SSHO/QC

D. Ganner UXO Spec

Weather: Lo: 56° Hi: 80°, Mostly Sunny, Winds S-10-20 mph

0715 Morning OPS/Safety Brief

0743 Survey Team departs Field office TO SEDA-44A, Grid 6 To mark Anomaly Locations

0 SUXOS Departed For SEDA-44A

0830 Arrived Work Site To Assist Survey Team

1110 Break For Lunch

1135 Resume Survey of Anomaly Locations SEDA 44A Grid 6

1645 Secured Survey OPS - Return To Field office

→ One Hundred Thirty-Six Anomaly Locations marked SEDA-44A Grid 6

1730 Secured For The DAY

A A Molle

19 MAY 1999 Wednesday

0655 Arrived Seneca Army Depot

0705 Arrived EODT Field OFFice

WEATHER: LO 57 HI 60's, Showers ? Likely 70%, Wind W. 10-20 mph

0710 Received Seneca Prison Grid 5 Anomaly Locations, Via E-MAIL From Mr Willis

0715 Morning Ops / Safety Brief

0810 Departed Field OFFice For Work Site SEDA 44A

0820 Arrived SEDA-44A, Grid 2 Resume Intrusive digs on Flagged Anomaly Locations 67 Marked

1000 Completed digs OF Marked Anomalies in Grid 2 (67) TOTAL NO OE discovered.

1020 Started Intrusive Digs SEDA 44A - Grid 6

1100 Break For Lunch

1130 Resume Digs Grid 6

1234 OE Located Grid 6 Location 6018 One 40 MM CS M651 - Marked For Later Disposal

1300 Corps PM Fred Wissel Arrived on Site with Corps Safety Fred ALAN - Grid Safety Brief

~~Soon~~ ~~1330~~ Intrusive Work Secured during Visit

1320 Resume Intrusive Work Grid 6

(40)

19 MAY 1999 Wed Con't

1530 Completed ALL Marked Locations Grid 6
TOTAL 136 digs OF 292.

→ Returned Field OFFice

1615 Corps Visitors Arrive Field OFFice For
Briefing Fred Wissel Project PM & Kevin
Healy Corps Project Eng.

→ Was Told AN Additional 50K Was being
Requested To CONTINUE Work ~~AT~~ Phase 3 Site

1700 Visitors DepART Site

1715 Spoke With EODT Project PM And PASSED
Along INFO About EXTRA Movies

1730 Secured For the Day

A A Mille

20 MAY 1999 Thursday

0650 Arrived Seneca Army Depot

0720 Arrived EODT Field OFFice

Weather: Mostly Sunny Lo: 40 Hi 60's Winds NW 10-20mph

0715 Morning Ops & Safety Brief

0745 Survey Team Departed Field office To Mark Anomaly Locations SEDA 44A - Grid 2

0800 Received E-mail From Home office About (4) Locations in SEDA 44A Grid 2 No dig date Received. We will Remark Location in Question - 2016, 2018, 2021, 2024.

— E-Mailed Results OF Digs in Grids 2 & 4 To home OFFice.

1000 Spoke With Steve Absalom Seneca BRAC officer, Fred Wissel Corps project PM & Kevin Healy Corps project Eng. WAS Told would be Given 51K To Continue WORK AT the Prison Site. Money 51K WAS ON its WAY TO Huntsville. In Light OF This we will Continue ON AT Prison Site.

1100 Break For Lunch

1130 Resume Field Ops. Anomaly Location Marking SEDA 44A - Gaid 2

(42)

20 MAY Thurs. Cont

1500 Secured Field Ops For Weekly EQUIP MAINT, payday - Reports.

→ Survey Team Marked 90 Anomaly Locations SESA-44A Grid 2

~~Secured~~ 1700 - Secured ops For Weekend to get Site Vech Washed

A D Moore

24 MAY 1999 MONDAY

0700 Arrived Seneca Army Depot

0720 Arrived EODT Field OFFICE

Weather: Rain developing AM, AM Thunderstorm, Hi 65 Lo 54, SWD-20

0720 Morning ops / Safety Brief

0740 Survey Team Departed To SEDA-44A Location To Survey in Anomaly Locations Grids 2 & 6

0830 Survey Team Returned To Field OFFICE due To Rain UNABLE To Conduct Survey ops

0850 Dig Team Departs Field OFFICE To SEDA 44A Will go intrusive on Locations Already Marked SEDA-44A, Grid 2.

1100 Break For Chow

1130 Return To SEDA 44A Area Resume Survey / digging between Rain Showers

1640 Secured Field ops due To Heavy Rain

1700 Arrived EODT Field OFFICE

1705 Debrief Crew

→ Investigated 71 Anomalies NO OE

→ Marked 49 Anomaly Locations This should Complete Anomaly Location Marking in Grid 2

1730 Secured For The Day,

25 MAY 1999 Tuesday

0655 Arrived Seneca Army Depot

0710 Arrived EODT Field OFFICE

Weather: Cloudy w/ Showers, Lo 45 Hi 50s, Wind SW 10-20 mph

0715 Morning Ops/ Safety Brief

0740 Survey/ Anomaly Location Team Departs Field Office For SEDA 44A Grids 2 & 6 Depending on Weather Team will either be Marking or Digging.

1100 Break For Lunch

1130 Resume SEDA 44A Grids 2 & 6 Ops

1500 E-Mailed dig DATA To home office - SEDA 44A Grid 2

1 0 Secured Field Ops

1710 Debrief Team

→ Survey 101 ANOMALY LOCATIONS SEDA-44A, Grid 6

→ Excavated 43 Anomalies SEDA-44A Grid 2 Live UXO's Located.

Note: Webster Keller Returned To Site "Work" Today Arrived Hotel 5/24/99.

1730 Secured For The Day

(45)

26 May 1999 Wednesday

655 Arrived Seneca Army Depot

705 Arrived EODT Field Office

Weather: Brisk Winds w/Rain Lo 50 Hi 55 Winds SW 15-25 mph

715 Morning ops/Safety Brief

730 Survey/Dig Team Departs For SEAD 44A Grids 2 & 6
Depending on weather, They will either Survey Anomaly Location or Excavated Already Marked Locations.

730 SUXOS Departs Field Office For Work Site SEDA-44A

1100 Break For Lunch

1130 Resume Anomaly Marking Locations Grid 5
→ SEDA-44A Grid 6 Anomaly Locations All Marked before Lunch.

1705 Secured Field Ops

1710 Arrived EODT Field Office

1715 Debrief Team
→ Completed Marking Anomaly Locations Grid 6 – Total (55)
→ Started Marking Anomaly Locations Grid 5 Total Marked (92) of 331

1735 Secured For The Day

[signature]

27 MAY 1999 Thursday

0655 Arrived Seneca Army Depot

0705 Arrived EODT Field OFFICE

Weather: Mostly Sunny, Hi/Lo's 60's 45, Winds NW 10-20 MPH

0715 Morning Ops/ SAFETY Brief

0730 Survey Team departs For Work Site SEDA-44A To Resume MARKing ANOMALY LOCATIONS Grids 1 & 5

→ E-MAIL Received on Grid 1 ANOMALY LOCATIONS From Home OFFICE.

0930 SUXOS TO Work Site SEDA-44A

→ Survey TRAINING in progress –

– Surveying in ANOMALY LOCATIONS in Grid 5

1100 Break For Lunch

1130 Resume Survey TRAINING & ANOMALY MARKing SEDA Grid 5 & Grid 1

1310 Secured Field ops in order To dispose OF M651 40MM CS

1320 Team prep For DISPOSAL ops

1500 Demo ops completed – Disposed of ONE – 40mm CS M651 – ANOMALY NO: 6018.

1530 Conducted weekly Demo INVENTORY All ACCOUNTED FOR:

→ Sent OPS Report VIA FAX TO home office UNABLE;

(47)

27 MAY 1999 Thursday Cont
To Contact P.M Via FAX.
1730 Secured For The Weekend

28 MAY 1999 Friday
Note: David Garner De-Mob Too New-Job

01 June 1999 Tuesday

0700 Arrived Seneca Army Depot

0710 Arrived EOD Field Office

Weather: Mostly Cloudy w/Showers w/T-Storms Lo:60 Hi:75-80

Winds: SW 10-15

0715 Morning Ops / Safety Brief

Note: David Garner De-Mob Site 5/28/99

0825 Team Departs - Site office For Work Site SEDA-44A. Excavating Anomalies Marked in Grids 2, 5, 6

0845 Began Excavating Anomalies Marked SEDA-44A, Grid 2.

1030 Completed Excavating Grid 2 marked Anomalies (28) No ~~Live~~ Live OE items Located

1035 Resumed Excavating Grid 6 Anomalies (2) No Live OE

1100 Break For Lunch

1130 Informed by ON Site Corps Safety Fred ALAN that he Received AN E-MAIL directing us to Stop Ops in SEDA-44A, And START in SEDA-43. Called EOD home office & Spoke with Terry Wills who is Faxing The data We Need TO START in SEDA-43

49

01 June 1999 Tuesday Con't

1200 Spoke With EODT Project PM Mr Bill Pearse And he directed To Stop Intrusive work ere in SEDA-[redacted] 44A & start ops in SEDA 43, Grids 7, 8, 9, 10 —

1245 SEDA-43 DATA Received Via FAX.

1310 Loading Anomaly Locations in Survey Computer. For SEDA 43 - Grid 7

1330 Depart Field office For SEDA 43 To start Marking Anomaly Locations.

1600 UNABLE To Mark Locations due to heavy Rain. Continued To Load points in Survey Computer.

1615 No Let up • with Rain, Returned To Field office

→ Team Conducted Site Specific Training

1715 Debriefed Team Members

1730 Secured For The Day

02-June 1999 Wednesday

0655 Arrived Seneca Army Depot

0710 Arrived EQST Field office

Weather: Lo: 53 Hi: 73 Showers, Winds SW 10-15 mph

0715 Morning ops/Safety Brief

0745 Survey Team Departs Field office for SEDA 43 Site To MARK Grid 7 ANOMALY LOCATIONS.

0910 Visitors Arrive on Site (9) NINE From R.F. Weston Names on Visitors Log - Given Site Safety Brief And Escort provided.

1000 Visitors Depart Site

1010 Informed by Corps Kevin HEALY THAT ANOMALY LIST Received 6/1/99 was A TOTAL ANOMALIES LIST FOR Grids 7, 8, 9, 10. AND THAT only A Select Few in each Grid needed To be investigated. CALLED Home OFFICE ~~Pam~~ Tom Site PM & Site Geophysicist To Try And Locate Correct positions.

1100 Break For Lunch

1130 Since No updated List OF SEDA ~~43~~ 43 Tom ANOMALY Locations was Received Team Kept MARKing ANOMALY LOCATION in Grid 7 From original List (25) marked

1135 SEDA-43 Updated Grid 7 dig Location Received

(51)

02-June99 Wed. Cont'd

From Corps. Rep. List Was Changed To State Plane Grid Locations by home office in Tenn And Returned Faxed To US.

1315 New List Of Nine(9) Selected ANOMALY Locations Was Given To Survey Team.

→ New Locations Were Loaded in Survey computer

1420 Called Corps Rep For Additional Grid Locations Was Told Grid 9 Locations Would be Sent in 30min.

1500 Grid 7 ANOMALY Locations Surveyed in (9) ea

1530 STILL Awaiting Grid 9 locations.

1540 Received Grid 9 Anomaly Locations

1610 Received Via FAX Grid 9 ANOMALY Locations ~~Exchange~~ CONVERTED TO STATE plane Coord. From Home office in Tenn.

1700 Secured Field OPS Debrief Team

→ Twenty-Two ANOMALY LOCATION Surveyed in SEDA 43 Grid-7- And Abandon Same, For Nine Location Received From Corps.

→ SEDA 43 Grid 7 ANOMALY Locations Survey Completed Nine(9)

1730 Secured For The Day

A R Moore

03 June 1999 Thursday

0655 Arrived Seneca Army Depot

0710 Arrived EODT Field OFFICE

Weather: 40:60 Hi 75, Breezy Sunny, Winds NW 15-25mph

Note: Jenny Webb Arrived on Site - Arrived Hotel 6/2/99.

0715 Morning Safety/ops Brief

0735 Survey Crew Departs Field OFFICE for SEDA 43 Site Grid 9 To mark ANOMALY LOCATIONS.

1000 SEDA 43 Grid 9 ALL ANOMALY points Flagged

1030 SCIOS & Corps Safety Rep Called To Steve Absolon's OFFICE For Meeting with NY. STATE Reps Bob Dunn & Janet Hunter. We were Asked To provide Escort Service TO STATE Reps. So They Could LAY OUT A perimeter Around OUR SEDA-44A Site. STATE Reps Were Given AN OE Safety Brief And Escorted Around Area- This WAS done TO See WHAT Area had To be Fenced- until The Removal Action.

1145 Break For Lunch -

1215 Crew Resume EXCAVATION OF MARKED

(53)

03 June 99 Thursday Cont'd

ANOMALY LOCATIONS IN SEDA-43 Grids 7 & 9.

1330 Received Radio CALL From Field Crew About Grid ANOMALY LOCATIONS For SEDA 43 Grids 8 & 10. STILL Have Not Received LOCATIONS From Corps Geophysicist Bob SelfRidge.

1345 Corps OFFICE CALLED No ANSWER

1515 Mr Bob SelfRidge Corps Geophysicist CALLED To Let US KNOW That He WAS in A MEETING, but Would Try AND Transmit Grid 8 & 10 ANOMALY LOCATIONS DATA Within AN hour or So.

1520 Field Ops Secured ALL Dig DATA From Grids 7 & 9 GATHERED - NO OE Item LOCATED

→ Grids SEDA 43 7 & 9 Complete

1610 E-Mailed Dig DATA Seneca Grids 2, 6, 7, 9 To home OFFICE.

1700 NO Grid DATA on site yet

1730 Secured For The DAY

A A Wall

04-June 1999 Friday

0655 Arrived Seneca Army Depot

0705 Arrived EODT Field OFFice

Weather: Lo: 48 Hi 72°, Sunny. winds SW 10-15 mph

0715 Morning SAFety BRIEF/Ops BRIEF

0745 Received SEDA 43 Grid 8 Anomaly Locations From Mr Bob SelFridge CEHNDED Civil Structures.

0850 Survey Team Departs Field OFFice For SEDA-43 Grid 8 To Survey in Anomaly Locations.

1000 Received Grid 10 Anomaly Locations DATA From Corps.

1100 Delivered Grid 10 DATA TO Survey Team AT SEDA-43 Site - Grid 8 Anomaly Locations ALL Surveyed And Marked For Excavation.

→ Break For Lunch

→ Spoke with Weston Rep & SetUp Crew OE ID Training For 6/7/99 AM. At Our Field OFFice

1130 ~~1300~~ Resume Marking Anomaly Locations SEDA-43, Grid 10

1315 Secured Field ops

1400 Crew DEBRIEF

→ Surveyed in (17) Anomaly Locations Grid 8

→ Surveyed in (14) Anomaly Locations Grid 10

→ Conducted Weekly Explosives inventory All present

55

04 June 99 Friday Cont

1630 Departed EODT Field Office To Conduct Vehicle Washing

1730 Secured For The Day

A A Mille

07 June 1999 Monday

0700 Arrived Seneca Army Depot

0710 Arrived EODT Field office

Note: Richard Bennington Arrived on Site Was Notified by George Reed of Vehicle breakdown in Harrisburg, PA. Will Get To Site ASAP.

Weather: Hot & Humid, Lo 75 Hi 90, Winds SW 10-15 mph

0715 Morning ops / Safety Brief

0740 Survey / Dig Team Departs For Work Site SEDA-43 Grids 9 & 10.

900 Provided Site OE Safety Brief To Weston personnel Working At OBG Site.

1100 Survey Complete SEDA 43 Grid 10

1110 Break For Lunch

1130 Excavation Team To SEDA-43 Grid 10 To Investigate Marked Anomaly Locations.

→ Gave Steve Absolam Seneca BRAC office A brief on status of SEDA-43 Site.

1400 Completed Excavation of (22) Marked Anomaly Locations in SEDA-43 Grid 10. Also Completed Excavation of (17) Marked Anomaly Locations

57

07 June 99 Monday Cont

SEDA 43 Grid 8. NO @ Live OE ITEMS LOCATED in either Location. There WAS Some SMALL ARMS (Expended 30 cal & 556) CARTridges LOCATED AND placed in SCRAP.

1430 PARSON's personnel ARRIVE on Site. Ben McCALLESTER & KEN GALL. They ARE here To Survey OBG Site Levels OF CONTAMINATION

→ Members Given Site SAFETY BRIEF AND ESCORT To SITE.

1500 George Leed ARRIVED ON Site

1630 Secured Field Ops

Note JOHN YOUHANS ARRIVED ON SITE AT 1430

→ Completed SEDA-43 Site No Live OE LOCATED

1700 Secured For The day

A A Molle

08-June 1999 Tuesday

0655 Arrived Seneca Army Depot

0705 Arrived EODT Field OFFice - Gene Allen ONSite.

Weather: Sunny & breezy, 0075 Hi-80, Winds W15-25 gusty

0730 Parson's personnel on Site

→ SEDA-43 Grid data of the (dig's) Received At home OFFice. Awaiting decision from Corps IF that's ALL They Need. IF SO Site Complete.

→ Morning Ops / Safety brief

0815 Parsons personnel w/ Escort To Resume Survey OF OBG Case 1, 2, 3 AREAS.

0 Met With Steve Absolon AND briefed on SEDA-43 AND plans For OBG Site.

1030 Departed site To Secure Keys For Apts Tudor Village, Seneca FALLS NY.

1300 Returned To Site Field OFFice

1310 Spoke With Fred KAUFMAN About Getting Our Water Turned ON in Field OFFice Building

1630 Parson's Secured Field OPS

1700 Debriefed Crew

Note: SUXOS S.A. Molle will be OFF Site For the Next Two Working days. Howard Stepp will o

59

08-June 99 Tuesday Cont.
Assume the SUXOS Duties until my Return on 14-June 99.
1730 Secured For The Day
[signature]

Site Ops Complete
Proposed Prison Site
SEDA 44A & 43

APPENDIX G

Figure G-1 SEAD 44A.

Figure G-2 Geophysical Mapping.

Figure G-3 Geophysical Investigation.

Figure G-4 Geophysical Mapping Man Carry Mode.

Figure G-5 Geophysical Mapping Wheel Mode.

Figure G-6 40mm Practice Grenade.

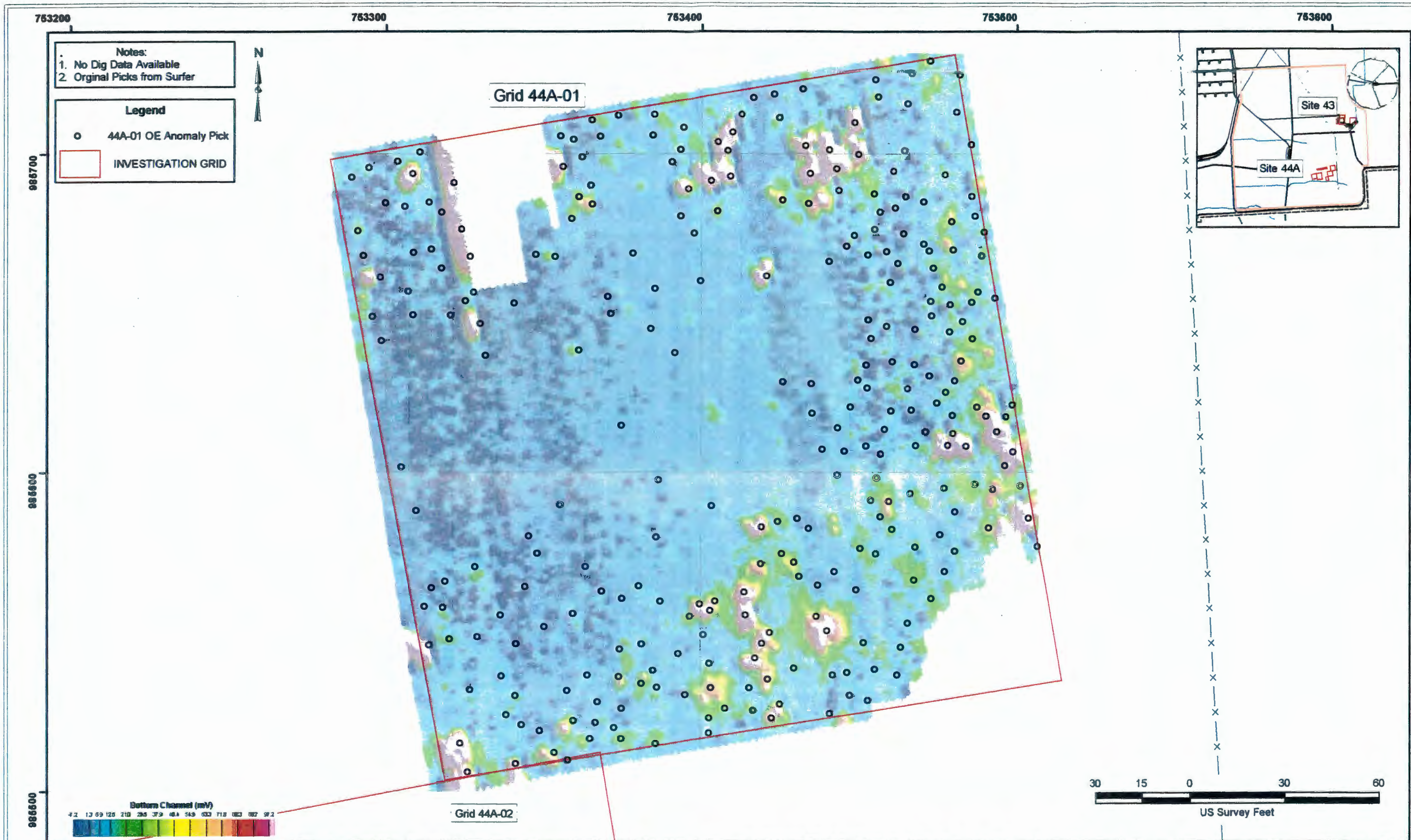
Figure G-7 SEAD 44A Berm.

Figure G-8 SEAD 43

Figure G-9 SEAD 43

Figure G-10 40mm Practice Grenade.

APPENDIX H



US Army Engineering and Support Center
Huntsville, Alabama

FIG H-1. GRID 44A-01 ANOMALIES, PICKS AND DIG LOCATIONS

ORDNANCE & EXPLOSIVES (OE) CHARACTERIZATION, PRISON SITE

SENECA ARMY DEPOT, SENECA, NEW YORK

U.S. ARMY ENGINEERING SUPPORT CENTER, HUNTSVILLE, AL

DACA87-97-D-005 # 0013

True North State Plane

New York State Plane (3102) NAD '83

EODT

EOD Technology, Inc.
2229 Old Highway 95
Lenior City, TN 37771

753100 753200 753300 753400 753500

986500 986400 985300

Notes:
1. Orginal Picks from Surfer

Legend

Nomenclature

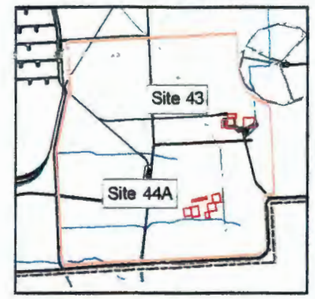
- Buried Copper Cable
- Cable on Surface
- Misc. Scrap
- Not Investigated
- Nothing found
- OE Scrap
- 44A-02 OE Anomaly Picks
- INVESTIGATION GRID

N

Grid 44A-01

Grid 44A-02

Grid 44A-03



Bottom Channel (mV)

-9.2 13.69 126 210 295 379 464 549 633 718 803 887 972

30 15 0 30 60

US Survey Feet

US Army Engineering and Support Center Huntsville, Alabama

MAP TITLE: FIG H-2. GRID 44A-02 ANOMALIES, PICKS AND DIG LOCATIONS

PROJECT TITLE: ORDNANCE & EXPLOSIVES (OE) CHARACTERIZATION, PRISON SITE

PROJECT LOCATION: SENECA ARMY DEPOT, SENECA, NEW YORK

CLIENT: U.S. ARMY ENGINEERING SUPPORT CENTER, HUNTSVILLE, AL

CONTRACT NUMBER: DACA87-97-D-005 TASK ORDER: # 0013

True North 11.36° State Plane

Datum: New York State Plane (3102) NAD '83

EODT EOD TECHNOLOGY, INC.

EOD Technology, Inc.
2229 Old Highway 95
Lenior City, TN 37771
PH 865-988-6063, Fax 6067

/Grid3Grid_44A-02.mxd

753000 753100 753200 753300

985300

985200

985100

Notes:
1. Orginal Picks from Surfer

N

Legend

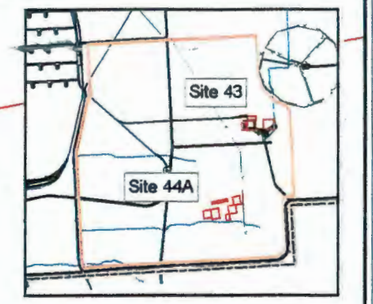
Nomenclature

- 40mm Grenade (Live practice)
- 40mm Grenade (Orange Dye)
- Misc. Scrap
- Nothing Found
- OE Scrap
- 44A-03 OE Anomaly Picks
- INVESTIGATION GRID

Grid 44A-02

Grid 44A-03

Grid 44A-05



Bottom Channel (mV)

30 15 0 30 60

US Survey Feet

US Army Engineering and Support Center Huntsville, Alabama

MAP TITLE: FIG H-3. GRID 44A-03 ANOMALIES, PICKS AND DIG LOCATIONS

PROJECT TITLE: ORDNANCE & EXPLOSIVES (OE) CHARACTERIZATION, PRISON SITE

PROJECT LOCATION: SENECA ARMY DEPOT, SENECA, NEW YORK

CLIENT: U.S. ARMY ENGINEERING SUPPORT CENTER, HUNTSVILLE, AL

CONTRACT NUMBER: DACA87-97-D-005

TASK ORDER: # 0013

True North 11.38°

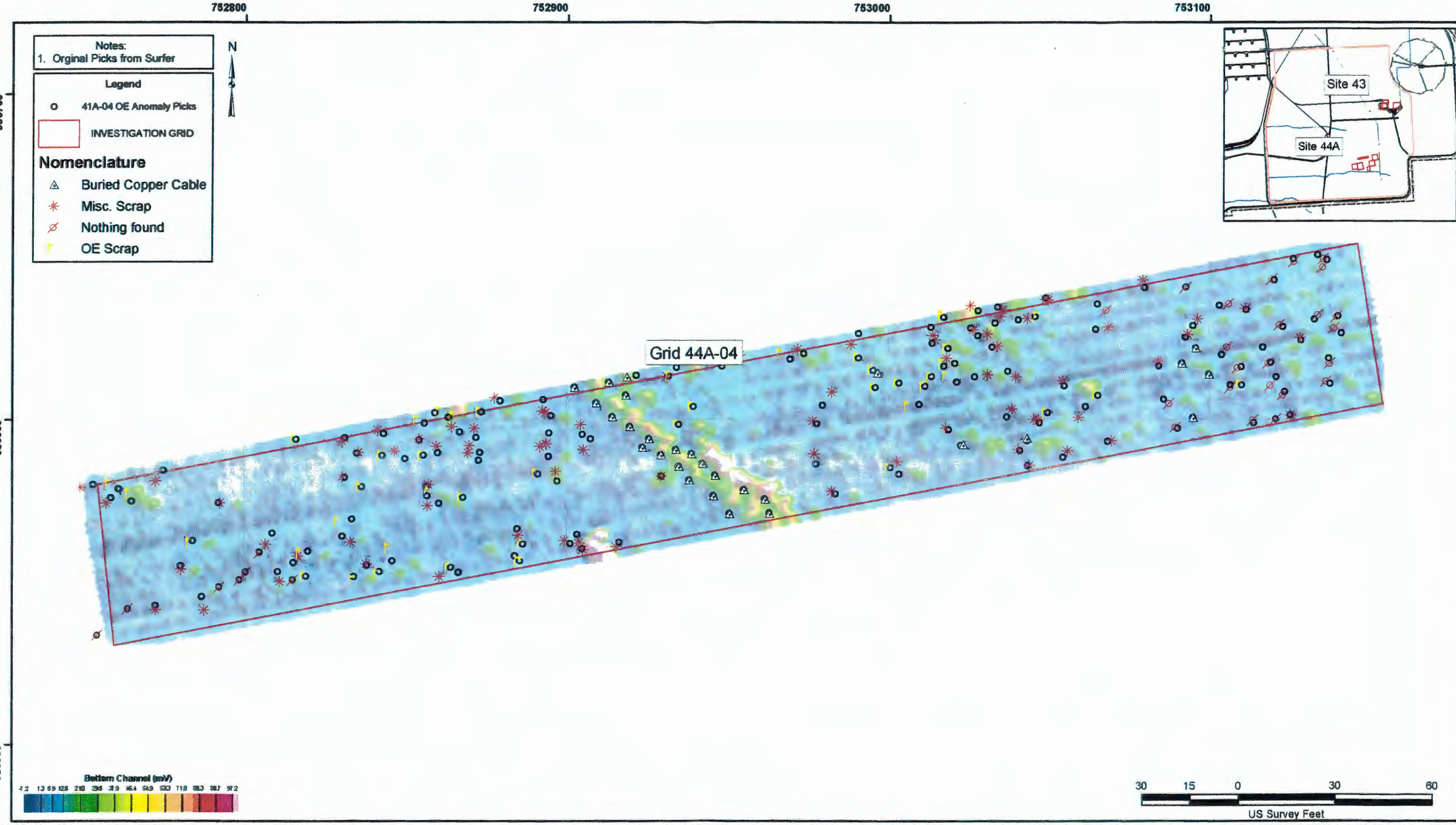
State Plane

Datum: New York State Plane (3102) NAD '83

EODT EOD TECHNOLOGY, INC

EOD Technology, Inc.
2229 Old Highway 95
Lenior City, TN 37771
PH 865-988-6063, Fax 6087

KindGrid_44A-03.dwg



US Army Engineering and Support Center
Huntsville, Alabama

MAP TITLE: FIG H-4. GRID 44A-04 ANOMALIES, PICKS AND DIG LOCATIONS

PROJECT TITLE: ORDNANCE & EXPLOSIVES (OE) CHARACTERIZATION, PRISON SITE

PROJECT LOCATION: SENECA ARMY DEPOT, SENECA, NEW YORK

CLIENT: U.S. ARMY ENGINEERING SUPPORT CENTER, HUNTSVILLE, AL

CONTRACT NUMBER: DACA87-97-D-005

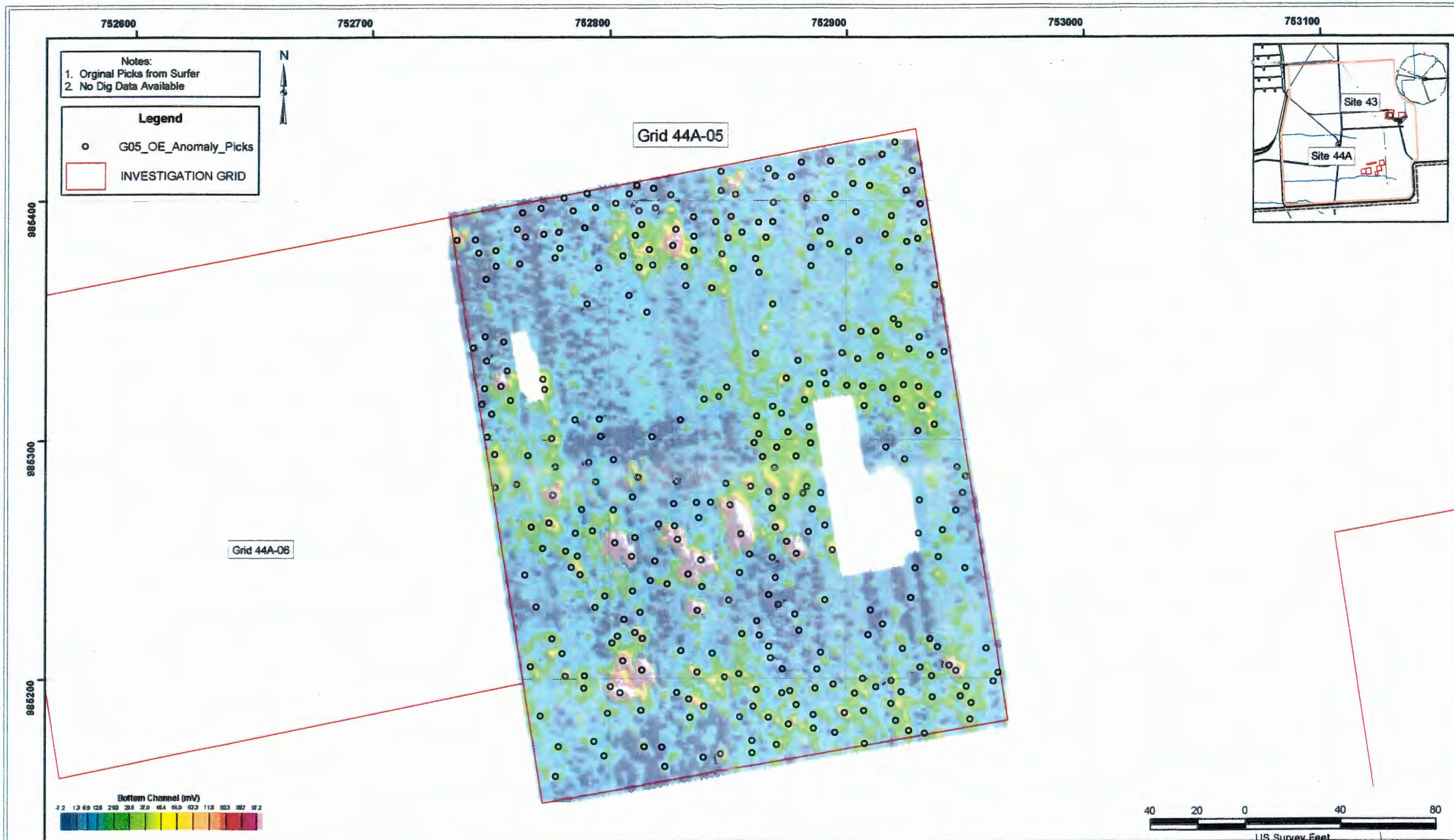
TASK ORDER: # 0013

True North 11.38 ° State Plane

Datum: New York State Plane (3102) NAD '83

EODT
EOD TECHNOLOGY, INC.

EOD Technology, Inc.
2229 Old Highway 95
Lenior City, TN 37771
PH 865-988-6063, Fax 6067



US Army Engineering and Support Center Huntsville, Alabama

MAP TITLE: FIG H-5. GRID 44A-05 ANOMALIES, PICKS AND DIG LOCATIONS

PROJECT TITLE: ORDNANCE & EXPLOSIVES (OE) CHARACTERIZATION, PRISON SITE

PROJECT LOCATION: SENECA ARMY DEPOT, SENECA, NEW YORK

CLIENT: U.S. ARMY ENGINEERING SUPPORT CENTER, HUNTSVILLE, AL

CONTRACT NUMBER: DACA87-97-D-005

TASK ORDER: # 0013

Datum: New York State Plane (3102) NAD '83

EODT
EOD TECHNOLOGY, INC.

EOD Technology, Inc.
2229 Old Highway 95
Lenior City, TN 37771

752500 752600 752700 752800

985400

985300

985200

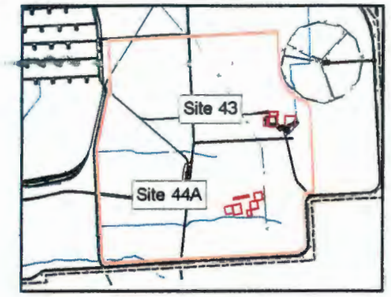
Notes:
1. Orginal Picks from Surfer

Legend
- G06_OE_Anomaly_Picks
- INVESTIGATION GRID

Nomenclature
- 40 mm cs grenade
- 40mm Grenade (Orange Dye)
- Misc. Scrap
- Not Investigated
- Nothing found
- OE Scrap

N

Grid 44A-06



Grid 44A-05

Bottom Channel (mV)

30 15 0 30 60
Feet

US Army Engineering and Support Center Huntsville, Alabama

MAP TITLE: FIG H-6. GRID 44A-06 ANOMALIES, PICKS AND DIG LOCATIONS
PROJECT TITLE: ORDNANCE & EXPLOSIVES (OE) CHARACTERIZATION, PRISON SITE
PROJECT LOCATION: SENECA ARMY DEPOT, SENECA, NEW YORK
CLIENT: U.S. ARMY ENGINEERING SUPPORT CENTER, HUNTSVILLE, AL
CONTRACT NUMBER: DACA87-97-D-005
TASK ORDER: # 0013

True North 11.38° | State Plane
Datum: New York State Plane (3102) NAD '83

EODT EOD TECHNOLOGY, INC.
EOD Technology, Inc.
2229 Old Highway 95
Lenior City, TN 37771
PH 865-988-6063, Fax 6067

753400 753500 753600 753700 753800

987600

987500

987400

Notes:
1. Orginal Picks from Surfer

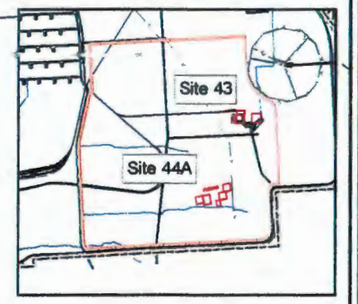
Legend
- G08_OE_Anomaly_Picks
- INVESTIGATION GRID

Nomenclature
- Misc. Scrap
- Not Investigated
- Nothing Found
- OE Scrap

N

Grid 43-08

Grid 43-09



Bottom Channel (mV)

30 15 0 30 60

US Survey Feet

US Army Engineering and Support Center Huntsville, Alabama

MAP TITLE: FIG H-8. GRID 44A-08 ANOMALIES, PICKS AND DIG LOCATIONS
PROJECT TITLE: ORDNANCE & EXPLOSIVES (OE) CHARACTERIZATION, PRISON SITE
PROJECT LOCATION: SENECA ARMY DEPOT, SENECA, NEW YORK
CLIENT: U.S. ARMY ENGINEERING SUPPORT CENTER, HUNTSVILLE, AL
CONTRACT NUMBER: DACA87-97-D-005
TASK ORDER: # 0013

True North 11.38° State Plane

Datum: New York State Plane (3102) NAD '83

EODT EOD TECHNOLOGY, INC.
EOD Technology, Inc.
2229 Old Highway 95
Lenior City, TN 37771
PH 865-988-6063, Fax 6087

753400 753500 753600 753700 753800

987600

987500

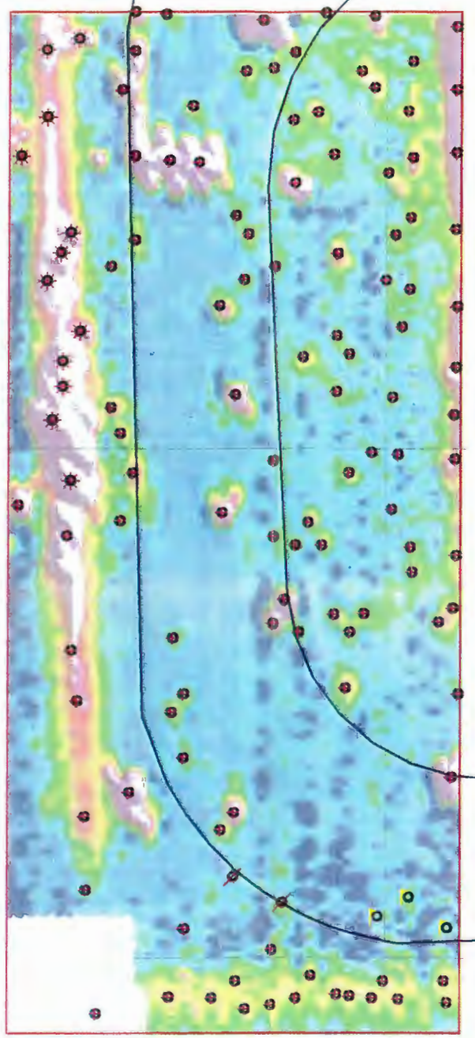
987400

Notes:
1. Orginal Picks from Surfer

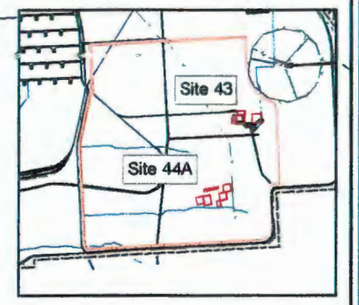
Legend
- G08_OE_Anomaly_Picks
- INVESTIGATION GRID

Nomenclature
- Misc. Scrap
- Not Investigated
- Nothing Found
- OE Scrap

N



Grid 43-08



Grid 43-09

Bottom Channel (mV)

30 15 0 30 60
US Survey Feet

US Army Engineering and Support Center Huntsville, Alabama

MAP TITLE: FIG H-8. GRID 44A-08 ANOMALIES, PICKS AND DIG LOCATIONS
PROJECT TITLE: ORDNANCE & EXPLOSIVES (OE) CHARACTERIZATION, PRISON SITE
PROJECT LOCATION: SENECA ARMY DEPOT, SENECA, NEW YORK
CLIENT: U.S. ARMY ENGINEERING SUPPORT CENTER, HUNTSVILLE, AL
CONTRACT NUMBER: DACA87-97-D-005
TASK ORDER: # 0013

True North 11.38° | State Plane
Datum: New York State Plane (3102) NAD '83

EODT EOD TECHNOLOGY, INC.
EOD Technology, Inc.
2229 Old Highway 95
Lenior City, TN 37771
PH 865-988-6063, Fax 6087

763600 763700 763800 763900 764000

987600 987500 987400

Notes:
1. Orginal Picks from Surfer

N

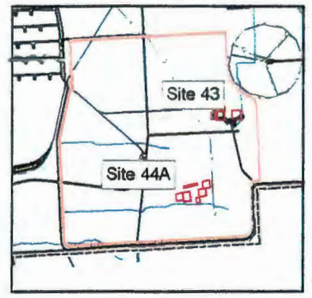
Legend
G09_OE_Anomaly_Picks
INVESTIGATION GRID

Nomenclature
- Misc. Scrap
- Not Investigated
- Nothing found
- OE Scrap

Grid 43-09

Grid 43-08

Area Where Geophysical Survey was Halted for This Grid



Bottom Channel (mV)
-7.2 1.3 6.9 12.5 21.0 29.5 37.9 45.4 54.9 63.3 71.8 80.3 88.7 97.2

30 15 0 30 60
US Survey Feet

US Army Engineering and Support Center Huntsville, Alabama

MAP TITLE: FIG H-9. GRID 44A-09 ANOMALIES, PICKS AND DIG LOCATIONS
PROJECT TITLE: ORDNANCE & EXPLOSIVES (OE) CHARACTERIZATION, PRISON SITE
PROJECT LOCATION: SENECA ARMY DEPOT, SENECA, NEW YORK
CLIENT: U.S. ARMY ENGINEERING SUPPORT CENTER, HUNTSVILLE, AL
CONTRACT NUMBER: DACA87-97-D-005
TASK ORDER: # 0013

True North 11.38° State Plane
Datum: New York State Plane (3102) NAD '83

EODT EOD TECHNOLOGY, INC.
EOD Technology, Inc.
2229 Old Highway 95
Lenior City, TN 37771
PH 865-988-6063, Fax 9067

A:\cad\Grid_44A-09.mxd

754000 754100 754200 754300 754400

987600

987400

Notes:
1. Orginal Picks from Surfer

Legend
G10_OE_Anomaly_Picks
INVESTIGATION GRID

Nomenclature
- Mics. Scrap
- Not Investigated
- OE Scrap

N

Grid 43-10

Bottom Channel (mV)

30 15 0 30 60
US Survey Feet

MAP TITLE	FIG H-10. GRID 44A-10 ANOMALIES, PICKS AND DIG LOCATIONS
PROJECT TITLE	ORDNANCE & EXPLOSIVES (OE) CHARACTERIZATION, PRISON SITE
PROJECT LOCATION	SENECA ARMY DEPOT, SENECA, NEW YORK
CLIENT	U.S. ARMY ENGINEERING SUPPORT CENTER, HUNTSVILLE, AL
CONTRACT NUMBER	DACA87-97-D-005
TASK ORDER	# 0013

US Army Engineering and Support Center Huntsville, Alabama

True North 11.38° | State Plane

Datum: New York State Plane (3102) NAD '83

EODT EOD TECHNOLOGY, INC.

EOD Technology, Inc.
2229 Old Highway 95
Lenior City, TN 37771
PH 865-988-9983, Fax 9987

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-01

POINT	NORTHING	EASTING	ELEVATION
1001	985505.9	753326.3	750
1002	985514.9	753323.9	750
1003	985545.6	753314.0	750
1004	985557.7	753312.4	750
1005	985563.6	753314.8	750
1006	985565.6	753319.1	750
1007	985570.2	753328.6	750
1008	985579.9	753345.7	750
1009	985589.7	753355.5	750
1010	985574.4	753348.3	750
1011	985564.0	753344.5	750
1012	985557.4	753318.4	750
1013	985547.5	753320.5	750
1014	985548.2	753329.3	750
1015	985531.6	753327.0	750
1016	985535.9	753337.0	750
1017	985529.8	753341.4	750
1018	985508.5	753341.6	750
1019	985523.8	753338.6	750
1020	985520.7	753343.4	750
1021	985518.8	753349.2	750
1022	985511.9	753353.8	750
1023	985509.6	753358.0	750
1024	985521.9	753359.8	750
1025	985516.3	753365.0	750
1026	985521.3	753366.7	750
1027	985527.8	753367.3	750
1028	985536.2	753364.1	750
1029	985531.3	753357.8	750
1030	985546.0	753341.6	750
1031	985551.4	753350.5	750
1032	985555.5	753359.6	750
1033	985570.2	753363.5	750
1034	985562.5	753368.6	750
1035	985560.2	753375.0	750
1036	985564.1	753380.3	750
1037	985579.5	753385.8	750
1038	985559.3	753387.1	750
1039	985545.9	753381.2	750
1040	985544.3	753374.3	750
1041	985535.7	753374.0	750
1042	985533.6	753381.2	750
1043	985532.3	753386.1	750
1044	985525.7	753374.9	750
1045	985519.7	753372.5	750
1046	985516.3	753374.8	750
1047	985514.7	753385.7	750

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-01

POINT	NORTHING	EASTING	ELEVATION
1048	985518.0	753402.6	750
1049	985522.7	753402.6	750
1050	985529.9	753395.0	750
1051	985532.2	753403.2	750
1052	985539.8	753402.7	750
1053	985537.6	753384.8	750
1054	985542.8	753392.8	750
1055	985548.8	753400.8	750
1056	985558.4	753399.6	750
1057	985556.4	753402.9	750
1058	985559.3	753404.5	750
1059	985554.5	753396.4	750
1060	985562.1	753413.8	750
1061	985554.9	753414.2	750
1062	985549.4	753422.0	750
1063	985546.0	753419.5	750
1064	985541.4	753417.3	750
1065	985534.9	753421.4	750
1066	985538.4	753429.8	750
1067	985550.0	753440.2	750
1068	985536.2	753442.1	750
1069	985527.0	753425.3	750
1070	985522.7	753422.7	750
1071	985525.1	753416.7	750
1072	985525.7	753407.7	750
1073	985532.1	753415.5	750
1074	985524.1	753441.1	750
1075	985529.9	753447.4	750
1076	985537.0	753446.6	750
1077	985546.4	753451.8	750
1078	985538.1	753455.4	750
1079	985528.3	753453.2	750
1080	985536.3	753462.5	750
1081	985545.0	753463.6	750
1082	985552.6	753465.7	750
1083	985560.3	753473.3	750
1084	985568.7	753477.4	750
1085	985575.1	753480.6	750
1086	985582.5	753491.3	750
1087	985585.5	753504.0	750
1088	985576.6	753506.8	750
1089	985595.7	753501.4	750
1090	985606.4	753499.1	750
1091	985602.1	753496.5	750
1092	985594.6	753492.6	750
1093	985596.2	753486.8	750
1094	985595.0	753477.2	750

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-01

POINT	NORTHING	EASTING	ELEVATION
1095	985593.2	753466.5	750
1096	985590.8	753459.7	750
1097	985587.5	753480.6	750
1098	985580.3	753475.9	750
1099	985576.4	753468.1	750
1100	985582.0	753460.7	750
1101	985586.0	753457.0	750
1102	985591.1	753454.0	750
1103	985598.2	753455.8	750
1104	985566.1	753467.7	750
1105	985574.3	753455.6	750
1106	985576.0	753450.7	750
1107	985563.0	753449.4	750
1108	985568.7	753442.5	750
1109	985564.4	753437.3	750
1110	985554.5	753436.8	750
1111	985567.2	753431.3	750
1112	985571.6	753429.7	750
1113	985584.4	753424.5	750
1114	985582.6	753419.3	750
1115	985585.4	753430.7	750
1116	985582.2	753434.3	750
1117	985574.3	753425.8	750
1118	985571.1	753419.1	750
1119	985589.3	753403.3	750
1120	985597.5	753386.5	750
1121	985614.7	753374.7	750
1122	985587.9	753309.8	750
1123	985601.6	753305.0	750
1124	985636.8	753331.8	750
1125	985638.4	753361.3	750
1126	985649.9	753371.3	750
1127	985655.3	753370.3	750
1128	985657.8	753385.2	750
1129	985645.2	753384.0	750
1130	985637.6	753391.6	750
1131	985660.2	753399.7	750
1132	985661.7	753420.8	750
1133	985628.5	753426.0	750
1134	985627.9	753435.0	750
1135	985618.6	753435.3	750
1136	985607.2	753438.5	750
1137	985606.7	753445.5	750
1138	985599.1	753443.3	750
1139	985605.7	753457.1	750
1140	985613.5	753458.3	750
1141	985608.3	753452.4	750

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-01

POINT	NORTHING	EASTING	ELEVATION
1142	985614.0	753443.4	750
1143	985620.6	753447.3	750
1144	985608.4	753468.2	750
1145	985608.4	753478.3	750
1146	985612.1	753479.9	750
1147	985608.1	753484.0	750
1148	985618.0	753479.7	750
1149	985612.7	753471.3	750
1150	985619.6	753466.7	750
1151	985619.4	753460.3	750
1152	985612.7	753493.8	750
1153	985617.5	753496.8	750
1154	985621.2	753498.8	750
1155	985617.7	753490.4	750
1156	985620.6	753487.4	750
1157	985621.9	753474.8	750
1158	985625.3	753477.6	750
1159	985628.8	753480.4	750
1160	985635.1	753482.4	750
1161	985626.3	753465.5	750
1162	985630.4	753472.5	750
1163	985633.9	753467.7	750
1164	985634.8	753460.7	750
1165	985633.8	753452.3	750
1166	985626.6	753452.7	750
1167	985629.1	753449.7	750
1168	985642.2	753453.9	750
1169	985648.0	753452.9	750
1170	985646.0	753458.8	750
1171	985645.0	753467.9	750
1172	985649.3	753473.1	750
1173	985652.8	753478.9	750
1174	985656.8	753487.6	750
1175	985653.5	753485.6	750
1176	985658.3	753476.3	750
1177	985653.9	753472.8	750
1178	985644.3	753478.7	750
1179	985647.5	753482.8	750
1180	985654.8	753493.1	750
1181	985642.1	753485.9	750
1182	985668.1	753488.7	750
1183	985664.3	753473.6	750
1184	985669.6	753472.3	750
1185	985668.4	753452.8	750
1186	985666.3	753440.5	750
1187	985671.1	753446.0	750
1188	985674.5	753448.4	750

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-01

POINT	NORTHING	EASTING	ELEVATION
1189	985676.4	753454.9	750
1190	985681.8	753456.6	750
1191	985675.0	753464.1	750
1192	985669.4	753458.7	750
1193	985665.7	753462.3	750
1194	985659.8	753459.9	750
1195	985671.8	753470.6	750
1196	985670.0	753479.8	750
1197	985675.5	753489.6	750
1198	985680.5	753486.6	750
1199	985678.8	753479.2	750
1200	985686.7	753485.5	750
1201	985693.4	753477.1	750
1202	985702.9	753485.3	750
1203	985713.1	753480.6	750
1204	985701.0	753464.3	750
1205	985694.5	753460.8	750
1206	985685.0	753470.5	750
1207	985686.6	753464.7	750
1208	985683.1	753461.4	750
1209	985687.5	753454.7	750
1210	985688.5	753443.5	750
1211	985684.4	753434.0	750
1212	985685.5	753425.7	750
1213	985715.7	753465.3	750
1214	985709.8	753448.4	750
1215	985699.8	753449.7	750
1216	985701.2	753440.5	750
1217	985693.8	753434.5	750
1218	985695.3	753442.8	750
1219	985702.5	753433.0	750
1220	985692.9	753409.1	750
1221	985691.5	753403.0	750
1222	985689.0	753395.7	750
1223	985682.0	753405.0	750
1224	985675.2	753397.6	750
1225	985680.5	753393.3	750
1226	985668.9	753378.3	750
1227	985667.8	753353.8	750
1228	985684.2	753365.4	750
1229	985690.1	753364.9	750
1230	985686.5	753361.2	750
1231	985679.7	753359.0	750
1232	985668.4	753347.7	750
1233	985653.2	753340.9	750
1234	985646.7	753330.1	750
1235	985654.0	753325.4	750

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-01

POINT	NORTHING	EASTING	ELEVATION
1236	985656.6	753328.0	750
1237	985649.4	753320.7	750
1238	985649.5	753308.7	750
1239	985641.4	753298.6	750
1240	985649.0	753295.7	750
1241	985656.9	753307.1	750
1242	985664.2	753317.8	750
1243	985668.1	753292.8	750
1244	985675.9	753291.1	750
1245	985684.6	753299.8	750
1246	985683.5	753306.0	750
1247	985681.7	753317.8	750
1248	985684.8	753313.8	750
1249	985669.1	753308.8	750
1250	985670.1	753314.6	750
1251	985667.9	753326.9	750
1252	985676.4	753324.2	750
1253	985690.9	753321.7	750
1254	985695.9	753356.2	750
1255	985692.6	753289.1	750
1256	985695.6	753294.5	750
1257	985697.6	753303.6	750
1258	985693.7	753308.5	750
1259	985700.5	753310.7	750
1260	985705.6	753355.4	750
1261	985704.5	753359.4	750
1262	985699.0	753362.1	750
1263	985705.5	753367.8	750
1264	985710.6	753365.2	750
1265	985712.0	753373.5	750
1266	985700.9	753408.2	750
1267	985703.7	753405.1	750
1268	985706.7	753409.7	750
1269	985712.3	753412.6	750
1270	985717.6	753416.4	750
1271	985718.7	753423.0	750
1272	985720.3	753432.1	750
1273	985711.3	753424.7	750
1274	985723.3	753455.0	750
1275	985717.9	753455.9	750
1276	985725.3	753466.6	750
1277	985729.2	753472.3	750
1278	985724.8	753481.6	750
1279	985705.8	753384.4	750
1280	985708.3	753394.1	750
1281	985701.3	753393.2	750
1282	985697.4	753390.5	750

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-01

POINT	NORTHING	EASTING	ELEVATION
1283	985661.3	753298.2	750
1284	985555.0	753336.7	750
1285	985712.3	753384.9	750

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-02

ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
2087	1651	1649	265	2	5	OE scrap	5/17/1999					Scrap
2156	1651	1680	95	12	3	cap	5/17/1999					Scrap
2159	1651	1698	350	18	0	OE scrap	5/17/1999					Scrap
2161	1651	1712	185	12	3	disc	5/17/1999					Scrap
2160	1651	1706	340	6	6	40mm grenade body	5/17/1999					Scrap
2272	1651	1792	80	12	6	Misc. Scrap	5/24/1999					Scrap
2158	1653	1691	360	4	0	buried copper cable	5/17/1999					left in pl
2002	1653	1613	180	3	5	Misc. Scrap	5/12/1999					
2088	1653	1656	145	1	4	Ors	5/17/1999					puca
2086	1653	1631	270	2	4	OE scrap	5/17/1999					Scrap
2157	1653	1685	0	0	0	buried copper cable	5/17/1999					left in pl
2001	1654	1604	270	7	3	Misc. Scrap	5/12/1999					
2249	1655	1740	80	26	4	40mm grenade body	5/19/1999					Scrap
2270	1656	1774	95	6	7	OE scrap	5/19/1999					Scrap
2084	1657	1642	270	1	3	OE scrap	5/17/1999					Scrap
2089	1657	1660	340	1	4	oe scrap	5/17/1999					puca
2257	1657	1751	90	2	3	OE scrap	5/19/1999					Scrap
2151	1657	1673	210	3	8	oe scrap	5/17/1999					puca
2085	1657	1633	80	1	3	OE scrap	5/17/1999					Scrap
2004	1659	1603	135	15	4	Misc. Scrap	5/12/1999					
2003	1661	1610	180	3	5	Misc. Scrap	5/12/1999					
2080	1661	1625	270	1	3	cap40mm	5/17/1999					Scrap
2152	1661	1670	360	1	0	oe scrap	5/17/1999					puca
2271	1661	1779	90	18	8	Misc. Scrap	5/24/1999					Scrap
2273	1661	1790	45	12	1	OE scrap	5/24/1999					Scrap
2247	1661	1716	90	8	4	OE scrap	5/19/1999					Scrap
2153	1662	1678	270	18	0	buried copper cable	5/17/1999					left in pl
2163	1662	1689	280	18	4	OE scrap	5/17/1999					Scrap
2275	1663	1797	150	12	3	Misc. Scrap	5/24/1999					Scrap
2245	1663	1704	360	6	5	Misc. Scrap	5/19/1999					Scrap
2090	1664	1649	355	0	6	OE scrap	5/17/1999					Scrap
2274	1664	1785	15	24	4	OE scrap	5/24/1999					Scrap
2409	1664	1768	0	0	0	Nothing found	5/25/1999					
2259	1664	1758	10	36	5	OE scrap	5/19/1999					Scrap
2246	1665	1713	360	12	4	OE scrap	5/19/1999					Scrap
2250	1665	1740	120	8	5	OE scrap	5/19/1999					Scrap
2258	1666	1751	15	30	5	OE scrap	5/19/1999					Scrap
2078	1667	1618	0	0	3	OE scrap	5/17/1999					Scrap
2248	1668	1721	290	10	4	OE scrap	5/19/1999					Scrap

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-02

ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
2087	1651	1649	265	2	5	OE scrap	5/17/1999					Scrap
2083	1669	1642	140	1	4	OE scrap	5/17/1999					Scrap
2079	1669	1624	0	0	3	OE scrap	5/17/1999					Scrap
2081	1670	1632	0	0	6	OE scrap	5/17/1999					Scrap
2277	1670	1782	275	30	4	OE scrap	5/24/1999					Scrap
2244	1671	1709	270	10	4	Misc. Scrap	5/19/1999					Scrap
2162	1671	1692	350	12	4	OE scrap	5/17/1999					Scrap
2276	1671	1789	90	40	3	OE scrap	5/24/1999					Scrap
2398	1671	1729	35	6	3	OE scrap	5/25/1999					Scrap
2005	1671	1602	90	8	5	Misc. Scrap	5/12/1999					
2006	1671	1610	225	7	5	Misc. Scrap	5/12/1999					
2146	1672	1664	90	2	0	cable on surface	5/17/1999					left
2278	1674	1797	90	24	3	OE scrap	5/24/1999					Scrap
2399	1674	1740	0	0	4	OE scrap	5/25/1999					Scrap
2082	1674	1639	90	1	3	OE scrap	5/17/1999					Scrap
2145	1674	1657	270	1	0	cable on suurface	5/17/1999					
2091	1675	1649	180	2	5	OE scrap	5/17/1999					Scrap
2150	1675	1673	15	3	0	40mm grenade body	5/17/1999			Partial	Iner	Scrap
2147	1675	1667	170	1	3	OE scrap	5/17/1999					Scrap
2260	1676	1751	265	48	4	OE scrap	5/19/1999					Scrap
2400	1676	1737	70	30	4	OE scrap	5/25/1999					Scrap
2261	1678	1758	360	12	4	OE scrap	5/19/1999					Scrap
2164	1678	1695	265	10	4	washer	5/17/1999					Scrap
2007	1678	1612	270	10	4	Misc. Scrap	5/12/1999					
2243	1678	1705	10	10	4	Misc. Scrap	5/19/1999					Scrap
2008	1679	1601	90	12	3	Misc. Scrap	5/12/1999					
2149	1679	1677	20	3	3	OE scrap	5/17/1999					Scrap
2264	1679	1765	20	18	5	OE scrap	5/19/1999					Scrap
2283	1679	1772	90	24	5	OE scrap	5/24/1999					Scrap
2092	1681	1649	270	1	0	cable on surface	5/17/1999					
2155	1681	1684	100	24	3	OE scrap	5/17/1999					Scrap
2255	1681	1718	180	5	3	OE scrap	5/19/1999					Scrap
2265	1682	1762	180	24	3	OE scrap	5/19/1999					Scrap
2281	1682	1789	0	0	0	Nothing found	5/24/1999					
2148	1684	1671	280	2	0	OE scrap	5/17/1999					Scrap
2009	1684	1601	135	6	2	Misc. Scrap	5/12/1999					
2279	1685	1797	360	21	9	OE scrap	5/24/1999					Scrap
2010	1685	1617	90	24	2	Misc. Scrap	5/12/1999					
2262	1685	1758	185	18	5	OE scrap	5/19/1999					Scrap

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-02

ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
2087	1651	1649	265	2	5	OE scrap	5/17/1999					Scrap
2266	1685	1767	260	10	4	OE scrap	5/19/1999					Scrap
2282	1685	1785	180	6	5	OE scrap	5/24/1999					Scrap
2154	1688	1681	85	3	5	OE scrap	5/17/1999					Scrap
2076	1688	1625	180	2	4	OE scrap	5/17/1999					Scrap
2254	1688	1716	300	8	4	OE scrap	5/19/1999					Scrap
2094	1689	1650	270	0	5	buried copper cable	5/17/1999					left in pl
2165	1689	1695	105	24	5	practice end	5/17/1999					Scrap
2242	1689	1705	100	12	5	Misc. Scrap	5/19/1999					Scrap
2280	1689	1793	20	24	3	OE scrap	5/24/1999					Scrap
2077	1691	1630	360	1	6	cap	5/17/1999					Scrap
2011	1692	1610	225	7	3	Misc. Scrap	5/12/1999					
2093	1692	1639	180	2	0	cable on surface	5/17/1999					
2095	1692	1660	90	1	4	OE scrap	5/17/1999					Scrap
2144	1692	1668	180	3	5	OE scrap	5/17/1999					Scrap
2075	1692	1619	360	1	6	OE scrap	5/17/1999					Scrap
2402	1692	1750	90	6	3	OE scrap	5/25/1999				liner	Scrap
2012	1694	1606	0	11	1	Misc. Scrap	5/12/1999					
2287	1695	1795	90	24	6	OE scrap	5/24/1999					Scrap
2251	1695	1741	20	24	5	practice end	5/19/1999					Scrap
2253	1695	1724	170	12	3	ring	5/19/1999					Scrap
2241	1696	1698	180	6	2	Misc. Scrap	5/19/1999					Scrap
2284	1696	1778	180	12	3	OE scrap	5/24/1999					Scrap
2263	1696	1754	100	18	3	OE scrap	5/19/1999					Scrap
2285	1697	1782	200	48	0	practice body	5/19/1999					Scrap
2269	1698	1768	175	24	3	OE scrap	5/19/1999					Scrap
2140	1699	1689	110	1	4	40mm grenade body	5/17/1999					Scrap
2142	1699	1674	270	1	5	OE scrap	5/17/1999					Scrap
2286	1699	1793	120	30	3	OE scrap	5/24/1999					Scrap
2141	1699	1681	90	0	5	disc	5/17/1999					Scrap
2143	1699	1664	100	0	4	OE scrap	5/17/1999					Scrap
2072	1700	1620	180	1	0	cable on surface	5/17/1999					
2252	1700	1738	180	7	3	Misc. Scrap	5/19/1999					Scrap
2074	1700	1646	0	0	0	buried copper cable	5/17/1999					left in pl
2013	1702	1601	270	5	3	Misc. Scrap	5/12/1999					
2014	1702	1607	0	14	2	Misc. Scrap	5/12/1999					
2167	1703	1708	195	24	6	OE scrap	5/17/1999					Scrap
2294	1705	1799	120	12	4	OE scrap	5/24/1999					Scrap
2268	1705	1761	200	24	4	OE scrap	5/19/1999					Scrap

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-02

ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
2087	1651	1649	265	2	5	OE scrap	5/17/1999					Scrap
2408	1705	1786	20	6	3	OE scrap	5/25/1999					Scrap
2401	1705	1751	340	18	3	OE scrap	5/25/1999					Scrap
2015	1706	1603	0	3	3	Misc. Scrap	5/12/1999					
2073	1706	1628	0	0	0	buried copper cable	5/17/1999					left in pl
2407	1706	1775	200	40	6	OE scrap	5/25/1999					Scrap
2139	1706	1675	10	2	4	buried copper cable	5/17/1999					Scrap
2166	1707	1695	185	2	4	OE scrap	5/17/1999					Scrap
2179	1709	1719	360	24	4	OE scrap	5/17/1999					Scrap
2096	1709	1659	90	3	4	OE scrap	5/17/1999					Scrap
2267	1709	1758	90	8	3	OE scrap	5/19/1999					Scrap
2168	1710	1709	350	8	6	disc	5/17/1999					Scrap
2017	1710	1607	270	10	3	Misc. Scrap	5/12/1999					
2018	1710	1614	270	6	0	buried copper cable	5/24/1999					left in pl
2097	1713	1654	360	1	4	OE scrap	5/17/1999					Scrap
2403	1713	1772	100	6	2	disc with hole in middle	5/25/1999					Scrap
2019	1713	1618	0	10	1	Misc. Scrap	5/12/1999					
2171	1713	1694	90	2	5	OE scrap	5/17/1999					Scrap
2016	1713	1602	300	2	0		5/24/1999					left in pl
2288	1713	1796	10	2	4	cap	5/24/1999					Scrap
2289	1713	1787	270	30	5	OE scrap	5/24/1999					Scrap
2290	1713	1779	270	6	3	OE scrap	5/24/1999					Scrap
2021	1715	1611	260	3	0	buried copper cable	5/24/1999					left in pl
2138	1716	1670	65	1	4	40mm grenade body	5/17/1999					Scrap
2170	1716	1698	180	3	6	OE scrap	5/17/1999					Scrap
2181	1717	1714	190	2	10	OE scrap	5/17/1999					Scrap
2020	1718	1621	135	8	3	Misc. Scrap	5/12/1999					
2295	1720	1799	100	10	4	OE scrap	5/24/1999					Scrap
2169	1720	1704	90	12	5	practice end	5/17/1999					Scrap
2022	1720	1606	0	0	2	Misc. Scrap	5/12/1999					
2099	1720	1650	360	0	3	OE scrap	5/17/1999					Scrap
2180	1720	1719	195	30	2	practice end	5/17/1999					Scrap
2172	1720	1692	360	4	4	OE scrap	5/17/1999					Scrap
2173	1720	1684	357	2	3	OE scrap	5/17/1999					Scrap
2299	1720	1768	190	36	6	OE scrap	5/24/1999					Scrap
2098	1721	1657	200	0	7	OE scrap	5/17/1999					Scrap
2291	1722	1782	180	24	6	Misc. Scrap	5/24/1999					Scrap
2301	1722	1751	85	30	0	OE scrap	5/24/1999					Scrap
2302	1722	1743	90	36	3		5/24/1999					Scrap

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Site 44A, Grid 44A-02

ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
2087	1651	1649	265	2	5	OE scrap	5/17/1999					Scrap
2071	1723	1634	100	1	5	OE scrap	5/17/1999					Scrap
2300	1723	1758	90	24	6	OE scrap	5/24/1999					Scrap
2136	1724	1681	200	2	5	OE scrap	5/17/1999					Scrap
2293	1724	1792	90	6	4	disc	5/24/1999					Scrap
2133	1725	1664	260	1	2	OE scrap	5/17/1999					Scrap
2100	1726	1649	90	1	2	cap	5/17/1999					Scrap
2070	1727	1631	270	2	4	OE scrap	5/17/1999					Scrap
2024	1727	1607	360	6	4	OE scrap	5/24/1999					Scrap
2175	1727	1704	270	2	3	OE scrap	5/17/1999					Scrap
2023	1727	1601	45	10	3	Misc. Scrap	5/12/1999					
2025	1727	1614	180	9	0	Misc. Scrap	5/12/1999					
2292	1727	1776	350	3	5	OE scrap	5/24/1999					Scrap
2134	1727	1670	90	2	4	OE scrap	5/17/1999					Scrap
2314	1728	1764	180	6	6	OE scrap	5/24/1999					Scrap
2068	1728	1622	180	3	3	OE scrap	5/17/1999					Scrap
2137	1728	1687	180	2	3	cap	5/17/1999					Scrap
2132	1730	1664	180	2	3	cap	5/17/1999					Scrap
2135	1730	1678	270	3	3	disc	5/17/1999					Scrap
2296	1730	1798	190	2	5	OE scrap	5/24/1999					Scrap
2315	1730	1768	270	5	6	Misc. Scrap	5/24/1999					Scrap
2101	1730	1645	360	1	4	OE scrap	5/17/1999					Scrap
2174	1730	1698	10	3	4	OE scrap	5/17/1999					Scrap
2298	1730	1782	170	24	5	OE scrap	5/24/1999					Scrap
2303	1730	1752	20	12	4	OE scrap	5/24/1999					Scrap
2183	1731	1712	180	4	3	OE scrap	5/17/1999					Scrap
2297	1731	1790	90	2	4	OE scrap	5/24/1999					Scrap
2069	1732	1635	180	2	12	OE scrap	5/17/1999					Scrap
2182	1734	1720	15	12	5	OE scrap	5/17/1999					Scrap
2027	1734	1614	270	12	9	OE scrap	5/12/1999					
2067	1735	1624	90	1	5	OE scrap	5/17/1999					Scrap
2240	1735	1731	100	14	4	OE scrap	5/19/1999					Scrap
2026	1735	1601	315	7	3	OE scrap	5/12/1999					
2306	1735	1741	15	12	2	practice end	5/24/1999					Scrap
2397	1737	1684	20	30	4	40mm grenade body practic	5/25/1999					Scrap
2131	1737	1657	180	0	1	OE scrap	5/17/1999					Scrap
2130	1738	1645	140	2	3	Misc. Scrap	5/17/1999					Scrap
2313	1738	1771	175	4	4	OE scrap	5/24/1999					Scrap
2316	1738	1782	180	2	0	OE scrap	5/24/1999					Scrap

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ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
2087	1651	1649	265	2	5	OE scrap	5/17/1999					Scrap
2062	1738	1633	90	0	3	OE scrap	5/17/1999					Scrap
2395	1738	1671	90	6	4	OE scrap	5/25/1999					Scrap
2305	1738	1747	180	24	5	OE scrap	5/24/1999					Scrap
2317	1739	1793	180	12	4	OE scrap	5/24/1999					Scrap
2256	1740	1737	270	10	4	OE scrap	5/19/1999					Scrap
2304	1740	1758	90	10	4	disc	5/24/1999					Scrap
2239	1741	1729	10	6	0	disc	5/19/1999					Scrap
2028	1741	1611	180	7	2	disc	5/12/1999					
2185	1741	1715	90	1	4	OE scrap	5/17/1999					Scrap
2184	1742	1705	100	12	4	disc	5/17/1999					Scrap
2396	1742	1677	360	30	4	OE scrap	5/25/1999					Scrap
2066	1742	1621	260	2	7	OE scrap	5/17/1999					Scrap
2029	1743	1614	0	6	3	Misc. Scrap	5/12/1999					
2394	1744	1676	90	6	3	OE scrap	5/25/1999					Scrap
2030	1745	1604	315	15	2	Misc. Scrap	5/12/1999					
2063	1745	1633	170	3	5	OE scrap	5/17/1999					Scrap
2176	1745	1695	90	6	2	Misc. Scrap	5/17/1999					Scrap
2129	1745	1660	360	2	2	OE scrap	5/17/1999					Scrap
2312	1745	1765	300	30	6	OE scrap	5/24/1999					Scrap
2320	1745	1783	100	6	4	40mm ogive	5/24/1999					Scrap
2318	1745	1799	0	0	0							
2177	1747	1699	90	6	5	OE scrap	5/17/1999					Scrap
2102	1748	1645	180	0	2	OE scrap	5/17/1999					Scrap
2186	1748	1713	180	2	4	OE scrap	5/17/1999					Scrap
2236	1748	1723	180	3	2	OE scrap	5/19/1999					Scrap
2238	1748	1741	160	4	3	OE scrap	5/19/1999					Scrap
2178	1748	1705	270	6	6	OE scrap	5/17/1999					Scrap
2319	1748	1793	0	0	0							
2061	1749	1635	190	2	4	OE scrap	5/17/1999					Scrap
2237	1749	1734	280	24	5	OE scrap	5/19/1999					Scrap
2064	1749	1628	180	1	2	OE scrap	5/17/1999					Scrap
2393	1751	1677	0	0	3	OE scrap	5/25/1999					Scrap
2103	1752	1642	180	1	3	OE scra	5/17/1999					Scrap
2031	1752	1606	45	2	2	Misc. Scrap	5/12/1999					
2104	1752	1653	0	0	3	Misc. Scrap	5/17/1999					Scrap
2307	1752	1747	170	12	5	OE scrap	5/24/1999					Scrap
2311	1752	1765	280	30	6	OE scrap	5/24/1999					Scrap
2035	1752	1617	135	6	2	Misc. Scrap	5/12/1999					

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ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
2087	1651	1649	265	2	5	OE scrap	5/17/1999					Scrap
2065	1753	1625	360	1	3	OE scrap	5/17/1999					Scrap
2321	1753	1773	100	8	3	OE scrap	5/24/1999					Scrap
2310	1753	1757	100	12	7	OE scrap	5/24/1999					Scrap
2322	1755	1778	180	12	4	OE scrap	5/24/1999					Scrap
2060	1755	1631	135	10	4	disc	5/12/1999					
2392	1755	1670	180	6	4	cap for 60mm shipping tub	5/25/1999					Scrap
2032	1755	1611	225	6	2	Misc. Scrap	5/12/1999					
2325	1756	1789	0	0	0							
2187	1756	1709	185	8	2	OE scrap	5/17/1999					Scrap
2235	1756	1727	270	2	2	cap	5/19/1999					Scrap
2323	1756	1797	0	0	0							
2188	1757	1692	360	24	3	OE scrap	5/17/1999					Scrap
2033	1758	1614	0	4	1	Misc. Scrap	5/12/1999					
2036	1759	1605	180	24	3	Misc. Scrap	5/12/1999					
2324	1759	1793	0	0	0							
2326	1759	1786	0	0	0							
2059	1760	1628	0	0	3	Misc. Scrap	5/12/1999					
2128	1760	1662	350	2	3	OE scrap	5/17/1999					Scrap
2189	1760	1684	100	1	7	Misc. Scrap	5/17/1999					Scrap
2309	1761	1754	200	12	6	OE scrap	5/24/1999					Scrap
2308	1761	1747	93	12	6	OE scrap	5/24/1999					Scrap
2234	1761	1737	100	18	2	OE scrap	5/19/1999					Scrap
2034	1762	1621	90	8	2	Misc. Scrap	5/12/1999					
2106	1762	1642	270	1	6	OE scrap	5/17/1999					Scrap
2331	1762	1762	290	12	4	OE scrap	5/24/1999					Scrap
2105	1762	1649	360	1	6	OE scrap	5/17/1999					Scrap
2328	1762	1779	0	0	0							
2127	1765	1656	270	2	5	disc	5/17/1999					Scrap
2108	1765	1635	180	1	4	OE scrap	5/17/1999					Scrap
2329	1765	1772	0	0	0							
2191	1765	1701	10	2	4	OE scrap	5/17/1999					Scrap
2190	1765	1685	120	16	4	OE scrap	5/17/1999					Scrap
2220	1766	1723	20	30	2	OE scrap	5/19/1999					Scrap
2327	1766	1782	0	0	0							
2390	1766	1677	270	18	4	OE scrap	5/25/1999					Scrap
2335	1766	1790	0	0	0							
2337	1766	1796	0	0	0							
2039	1767	1617	180	8	2	Misc. Scrap	5/12/1999					

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ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
2087	1651	1649	265	2	5	OE scrap	5/17/1999					Scrap
2332	1768	1761	300	10	3	OE scrap	5/24/1999					Scrap
2107	1768	1639	275	0	3	OE scrap	5/17/1999					Scrap
2391	1769	1668	220	12	3	OE scrap	5/25/1999					Scrap
2126	1769	1660	360	1	4	Misc. Scrap	5/17/1999					Scrap
2233	1769	1741	285	2	3	OE scrap	5/19/1999					Scrap
2330	1769	1776	0	0	0							
2333	1769	1754	275	10	5	cap	5/24/1999					Scrap
2192	1770	1710	100	18	0	Misc. Scrap	5/17/1999					Scrap
2222	1770	1730	90	4	4	OE scrap	5/19/1999					Scrap
2336	1770	1793	0	0	0							
2334	1770	1747	90	12	3	Misc. Scrap	5/24/1999					Scrap
2037	1770	1607	270	4	3	OE scrap	5/12/1999					
2038	1773	1603	315	10	2	Misc. Scrap	5/12/1999					
2040	1773	1615	135	8	2	Misc. Scrap	5/12/1999					
2109	1773	1646	340	1	2	OE scrap	5/17/1999					
2125	1773	1656	10	2	4	OE scrap	5/17/1999					Scrap
2193	1773	1697	180	12	2	Misc. Scrap	5/17/1999					Scrap
2219	1774	1723	285	24	3	OE scrap	5/19/1999					Scrap
2232	1775	1737	360	12	3	OE scrap	5/19/1999					Scrap
2221	1779	1730	280	24	6	OE scrap	5/19/1999					Scrap
2338	1779	1796	0	0	0							
2041	1779	1614	225	12	2	Misc. Scrap	5/12/1999					
2194	1780	1699	265	18	4	OE scrap	5/17/1999					Scrap
2345	1780	1772	0	0	0							
2347	1780	1748	180	18	5	OE scrap	5/24/1999					Scrap
2389	1780	1681	360	6	3	OE scrap	5/25/1999					Scrap
2042	1780	1623	90	5	2	ring	5/12/1999					
2123	1780	1660	25	2	6	Misc. Scrap	5/17/1999					Scrap
2344	1780	1783	0	0	0							
2218	1780	1716	360	8	3	washer	5/19/1999					Scrap
2195	1781	1689	360	3	3	Misc. Scrap	5/17/1999					Scrap
2110	1781	1643	90	2	5	Misc. Scrap	5/17/1999					Scrap
2043	1783	1618	180	12	1	Misc. Scrap	5/12/1999					
2343	1784	1779	0	0	0							
2388	1784	1667	220	12	1	cap for 60mm shipping tub	5/25/1999					Scrap
2124	1784	1656	270	0	3	disc	5/17/1999					Scrap
2339	1785	1792	0	0	0							
2346	1787	1765	180	12	3	Misc. Scrap	5/24/1999					Scrap

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ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
2087	1651	1649	265	2	5	OE scrap	5/17/1999					Scrap
2387	1787	1671	100	16	2	OE scrap	5/25/1999					Scrap
2112	1787	1637	275	0	3	OE scrap	5/17/1999					Scrap
2342	1787	1784	0	0	0							
2215	1790	1712	270	18	5	OE scrap	5/19/1999					Scrap
2340	1790	1797	0	0	0							
2045	1790	1601	0	7	2	Misc. Scrap	5/12/1999					
2044	1790	1607	0	9	3	Misc. Scrap	5/12/1999					
2111	1790	1642	257	1	0	disc	5/17/1999					Scrap
2199	1790	1691	175	24	4	Misc. Scrap	5/17/1999					Scrap
2217	1790	1726	350	4	3	OE scrap	5/19/1999					Scrap
2196	1791	1684	10	6	4	OE scrap	5/17/1999					Scrap
2348	1791	1758	190	6	6	practice body	5/24/1999					Scrap
2214	1791	1715	175	30	4	OE scrap	5/19/1999					Scrap
2350	1793	1737	90	18	9	OE scrap	5/24/1999					Scrap
2341	1794	1799	0	0	0							
2197	1794	1677	190	36	5	OE scrap	5/17/1999					Scrap
2058	1794	1628	270	12	1	Misc. Scrap	5/12/1999					
2122	1795	1659	360	1	6	OE scrap	5/17/1999					Scrap
2211	1795	1705	195	10	4	OE scrap	5/19/1999					Scrap
2404	1795	1751	360	8	2	OE scrap	5/25/1999					Scrap
2349	1796	1758	10	8	3	OE scrap	5/24/1999					Scrap
2046	1797	1610	45	24	2	40mm grenade body practic	5/12/1999					
2383	1797	1787	0	0	0							
2113	1797	1646	350	0	4	cap	5/17/1999					Scrap
2198	1797	1684	360	3	2	OE scrap	5/17/1999					Scrap
2210	1797	1698	360	12	6	OE scrap	5/19/1999					Scrap
2213	1797	1716	360	24	3	OE scrap	5/19/1999					Scrap
2121	1798	1656	260	1	3	OE scrap	5/17/1999					Scrap
2384	1798	1793	0	0	0							
2216	1798	1725	360	10	3	cap	5/19/1999					Scrap
2120	1801	1660	195	2	4	Misc. Scrap	5/17/1999					Scrap
2057	1801	1635	0	18	6		5/12/1999					
2212	1801	1712	200	2	6	disc	5/19/1999					Scrap
2385	1802	1791	0	0	0							
2230	1803	1741	360	30	0	ring	5/19/1999					Scrap
2386	1804	1784	0	0	0							
2200	1805	1688	90	2	3	Misc. Scrap	5/17/1999					Scrap
2231	1805	1733	350	8	2	OE scrap	5/19/1999					Scrap

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ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
2087	1651	1649	265	2	5	OE scrap	5/17/1999					Scrap
2351	1805	1733	909	4	3	OE scrap	5/24/1999					Scrap
2354	1806	1766	180	12	3	OE scrap	5/24/1999					Scrap
2114	1807	1650	20	0	3	OE scrap	5/17/1999					Scrap
2358	1807	1797	90	12	3	Misc. Scrap	5/24/1999					left in pl
2353	1808	1758	265	2	3	OE scrap	5/24/1999					Scrap
2355	1808	1773	270	4	4	OE scrap	5/24/1999					Scrap
2056	1811	1632	180	6	3	Misc. Scrap	5/12/1999					
2119	1811	1653	270	2	5	OE scrap	5/17/1999					Scrap
2201	1811	1681	100	6	0	40mm grenade body	5/17/1999					Scrap
2357	1811	1789	0	0	0	Nothing found	5/24/1999					
2229	1812	1741	280	6	4	OE scrap	5/19/1999					Scrap
2356	1812	1783	0	0	0	Nothing found	5/24/1999					
2228	1812	1733	15	36	3	OE scrap	5/19/1999					Scrap
2047	1815	1614	0	6	6	disc	5/12/1999					
2054	1815	1622	0	18	0	OE scrap	5/12/1999					
2376	1815	1778	0	0	8	cap for 60mm shipping tub	5/25/1999					Scrap
2055	1815	1628	0	0	5	Misc. Scrap	5/12/1999					
2363	1816	1760	180	3	1	cap for 60mm shipping tub	5/25/1999					Scrap
2352	1816	1748	100	6	5	disc	5/24/1999					Scrap
2206	1817	1704	285	10	3	OE scrap	5/19/1999					Scrap
2209	1818	1713	180	10	2	OE scrap	5/19/1999					
2361	1821	1769	220	6	3	OE scrap	5/25/1999					Scrap
2205	1821	1701	270	6	2	OE scrap	5/19/1999					Scrap
2360	1822	1788	80	24	9	Misc. Scrap	5/24/1999					left in pl
2364	1822	1758	90	12	0	cap for 60mm shipping tub	5/25/1999					Scrap
2225	1823	1726	80	4	2	OE scrap	5/19/1999					Scrap
2359	1824	1797	0	0	0							
2227	1825	1733	275	3	2	OE scrap	5/19/1999					Scrap
2052	1825	1614	45	18	0	Misc. Scrap	5/12/1999					
2115	1825	1650	95	2	4	Misc. Scrap	5/17/1999					Scrap
2377	1826	1779	135	6	1	OE scrap	5/25/1999					Scrap
2207	1826	1705	150	24	4	cap	5/19/1999					Scrap
2051	1827	1611	2051	8	4	Misc. Scrap	5/12/1999					
2362	1827	1765	220	18	1	OE scrap	5/25/1999					Scrap
2365	1828	1757	35	12	3	disc with hole in middle	5/25/1999					Scrap
2367	1828	1744	180	12	2	cap for 60mm shipping tub	5/25/1999					
2366	1829	1751	320	12	4	OE scrap	5/25/1999					Scrap
2368	1829	1737	180	6	1	OE scrap	5/25/1999					Scrap

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ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
2087	1651	1649	265	2	5	OE scrap	5/17/1999					Scrap
2116	1831	1643	150	3	4	Misc. Scrap	5/17/1999					Scrap
2382	1832	1799	0	0	0							
2202	1832	1677	180	36	5	Misc. Scrap	5/17/1999					Scrap
2203	1832	1684	90	12	5	Misc. Scrap	5/17/1999					Scrap
2223	1832	1722	360	12	2	cap	5/19/1999					Scrap
2378	1832	1778	340	18	4	cap for 60mm shipping tub	5/25/1999					Scrap
2053	1833	1622	0	13	5	Misc. Scrap	5/12/1999					
2050	1833	1614	315	8	0	disc	5/12/1999					
2224	1834	1733	15	36	2	OE scrap	5/19/1999					Scrap
2406	1836	1768	115	6	3	OE scrap	5/25/1999					Scrap
2048	1836	1603	315	5	5	Misc. Scrap	5/12/1999					
2118	1837	1661	160	3	8	disc	5/17/1999					Scrap
2370	1837	1746	165	12	2	cap for 60mm shipping tub	5/25/1999					Scrap
2379	1839	1783	270	30	1	Misc. Scrap	5/25/1999					Scrap
2405	1839	1755	360	2	3	disc is pusher plate for	5/25/1999					Scrap
2371	1839	1762	0	8	4	OE scrap	5/25/1999					Scrap
2204	1840	1695	270	3	2	disc	5/19/1999					Scrap
2381	1840	1796	0	0	0							
2117	1841	1643	130	2	3	OE scrap	5/17/1999					Scrap
2369	1842	1744	270	8	3	OE scrap	5/25/1999					Scrap
2373	1843	1776	270	30	1	cap for 60mm shipping tub	5/25/1999					Scrap
2049	1843	1603	135	16	3	Misc. Scrap	5/12/1999					
2226	1843	1733	270	18	3	OE scrap	5/19/1999					Scrap
2208	1843	1709	195	30	4	Misc. Scrap	5/19/1999					Scrap
2380	1843	1788	0	0	0							
2372	1844	1769	220	12	4	disc with hole in middle	5/25/1999					Scrap
2374	1849	1774	135	2	0	OE scrap	5/25/1999					Scrap
2375	1850	1781	220	30	2	OE scrap	5/25/1999					Scrap

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-03

ANOMAL	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
301	1646.93	1597.07	315	18	2	practice end	4/29/1999					
302	1640.55	1599.95	45	12	4	practice body	4/29/1999					
303	1634.35	1599.95	225	6	4	Misc. Scrap	4/29/1999					
304	1628.00	1588.03	45	16	6	cap	4/29/1999					
0	1628.00	1588.03	315	16	4	practice body	4/29/1999					
305	1621.95	1584.20	315	30	6	Misc. Scrap	4/29/1999					
306	1626.40	1569.88	0	0	0	nothing found	4/29/1999					
307	1603.18	1577.82	315	48	3	40mm Grenade (Orange Dye	4/28/1999		1	Partial	Inert	Scrap
308	1584.10	1572.43	225	18	4	Misc. Scrap	4/28/1999					Scrap
309	1616.55	1564.78	0	12	2	Misc. Scrap	4/29/1999					
310	1621.47	1563.68	45	8	5	Misc. Scrap	4/29/1999					
0	1621.47	1563.68	45	8	8	disc	4/29/1999					
311	1634.03	1556.97	312	12	2	Misc. Scrap	4/29/1999					
312	1639.60	1559.53	45	8	2	Misc. Scrap	4/29/1999					
313	1624.97	1551.43	0	18	1	practice end	4/29/1999					
314	1631.32	1541.55	135	6	3	disc	4/29/1999					
315	1646.93	1541.70	180	30	12	Misc. Scrap	4/29/1999					
316	1649.93	1535.50	135	18	8	ring	4/29/1999					
317	1590.63	1547.75	90	30	3	40mm Grenade (Orange Dye	4/28/1999		1	Partial		Scrap
318	1599.85	1542.03	90	24	3	40mm Grenade (Orange Dye	4/28/1999		0.2	Partial	Inert	Scrap
319	1634.35	1529.45	270	30	12	practice end	4/29/1999					
320	1603.97	1528.18	315	12	1	40mm Grenade (Orange Dye	4/29/1999			Partial	Inert	Scrap
321	1597.13	1532.15	180	12	2	40mm Grenade (Orange Dye	4/29/1999		0.2	Partial	Inert	Scrap
322	1590.93	1532.47	270	8	4	Practice Marker	4/28/1999		1	Partial	Inert	Scrap
323	1587.60	1529.93	315	12	2	Practice Marker	4/28/1999		1	Partial	Inert	Scrap
324	1562.30	1520.55	135	18	0	Practice Marker	4/28/1999		1	Partial	Inert	Scrap
325	1587.43	1507.97	135	24	3	washer	4/28/1999					Scrap
326	1612.57	1502.25	45	18	1	ring	4/29/1999					
327	1609.38	1490.15	45	8	1	Misc. Scrap	4/29/1999					
0	1609.38	1490.15	135	30	7	disc	4/29/1999					
328	1647.22	1477.75	180	24	1	Misc. Scrap	4/29/1999					
329	1637.53	1473.93	0	0	0	nothing found	4/29/1999					
330	1637.53	1465.00	0	0	0	nothing found	4/29/1999					
331	1630.22	1450.05	315	36	10	OE scrap	4/29/1999					
332	1615.10	1455.95	180	6	2	ring	4/29/1999					
333	1561.82	1459.45	0	0	0	nothing found	4/28/1999					
334	1559.30	1461.82	0	48	0	40mm Grenade (Orange Dye	4/28/1999		0.2	Partial	Inert	Scrap

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-03

ANOMAL	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
301	1646.93	1597.07	315	18	2	practice end	4/29/1999					
335	1553.07	1479.50	90	5	2	40mm Grenade (Orange Dye	4/28/1999		1	Partial		Scrap
0	1553.07	1479.50	0	8	3	40mm Grenade (Orange Dye	4/28/1999		1	Partial		Scrap
336	1581.40	1479.65	315	8	2	40mm Grenade (Orange Dye	4/28/1999		0.02	Partial		Scrap
0	1581.40	1479.65	90	12	2	Practice Marker	4/28/1999		1	Partial		Scrap
337	1559.60	1480.78	180	18	2	Other (see notes)	4/28/1999		0.01	Partial		Scrap
338	1571.70	1492.85	135	16	2	40mm Grenade (Live practic	4/28/1999		1	Intact:Fir	Pyrotechnic	
339	1565.65	1496.05	0	36	3	40mm Grenade (Orange Dye	4/28/1999		1	Partial		Scrap
340	1578.22	1499.05	135	12	1	ring	4/28/1999		0.01			Scrap
341	1584.25	1498.90	225	28	4	40mm Grenade (Orange Dye	4/28/1999		0.2	Partial	Inert	Scrap
342	1596.82	1498.75	0	12	6	Misc. Scrap	4/28/1999					Scrap
0	1596.82	1498.75	45	30	4	40mm Grenade (Orange Dye	4/28/1999		2	Partial	Inert	Scrap
343	1550.70	1499.22	225	30	2	40mm Grenade (Orange Dye	4/28/1999		1	Partial		Scrap
344	1553.07	1501.45	0	0	0	nothing found	4/28/1999					
345	1552.93	1514.03	0	30	2	40mm Grenade (Orange Dye	4/28/1999		0.2	Partial		Scrap
0	1552.93	1514.03	180	24	4	washer	4/28/1999			Intact		Scrap
0	1552.93	1514.03	90	24	0	40mm Grenade (Orange Dye	4/28/1999		1	Partial:Fi	Inert	Scrap
0	1552.93	1514.03	90	24	1	40mm Grenade (Orange Dye	4/28/1999		1	Partial		Scrap
346	1577.57	1521.82	180	50	0	40mm Grenade (Orange Dye	4/28/1999		0.2	Partial		Scrap
347	1587.28	1517.35	90	6	3	40mm Grenade (Orange Dye	4/28/1999		0.2	Partial	Inert	Scrap
348	1613.05	1517.05	270	12	0	40mm Grenade (Orange Dye	4/29/1999		1	Partial		Scrap
349	1612.40	1524.20	135	24	2	practice body	4/29/1999					
0	1612.40	1524.20	135	12	6	practice end	4/29/1999					
350	1615.75	1526.75	225	30	1	OE scrap	4/29/1999					
351	1590.15	1541.22	0	0	0	nothing found	4/28/1999					
352	1606.05	1539.00	45	18	3	40mm Grenade (Orange Dye	4/28/1999		0.2	Partial	Inert	Scrap
353	1558.80	1538.85	90	24	2	40mm Grenade (Orange Dye	4/28/1999		1	Partial:Fi	Inert	Scrap
354	1559.30	1547.28	180	24	2	40mm Grenade (Orange Dye	4/28/1999		1	Partial:Fi	Inert	Scrap
355	1565.97	1560.65	0	12	2	40mm Grenade (Orange Dye	4/28/1999		0.2	Partial	Inert	Scrap
356	1578.53	1564.47	90	30	2	40mm Grenade (Orange Dye	4/28/1999		1	Partial	Inert	Scrap
357	1590.63	1563.82	315	12	0	40mm Grenade (Orange Dye	4/28/1999		0.2	Partial	Inert	Scrap
0	1590.63	1563.82	90	12	3	Misc. Scrap	4/28/1999					Scrap
358	1602.88	1560.00	180	12	2	40mm Grenade (Orange Dye	4/28/1999		1	Partial		Scrap
359	1584.10	1585.30	225	30	2	Misc. Scrap	4/28/1999					Scrap
360	1593.32	1581.65	135	12	3	40mm Grenade (Orange Dye	4/28/1999		1	Partial	Inert	Scrap
0	1593.32	1581.65	270	12	3	40mm Grenade (Orange Dye	4/28/1999		1	Partial	Inert	Scrap
361	1599.20	1590.88	225	30	3	Misc. Scrap	4/28/1999		0.1			Scrap

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-03

ANOMAL	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
301	1646.93	1597.07	315	18	2	practice end	4/29/1999					
362	1553.07	1575.13	315	30	4	washer	4/28/1999		0.01	Intact		Scrap
363	1552.93	1581.65	110	6	3	ring	4/28/1999		0.01	Intact		Scrap
364	1562.00	1599.80	0	0	3	washer	4/28/1999		0.01	Intact		Scrap
365	1636.10	1547.75	45	24	8	cap	4/29/1999					
366	1618.78	1486.97	270	36	1	practice end	4/29/1999					
367	1618.78	1474.72	225	15	3	Misc. Scrap	4/29/1999					
368	1643.82	1569.25	0	6	3	Misc. Scrap	5/12/1999					
369	1647.82	1577.78	315	12	4	OE scrap	5/12/1999					

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-04

ANOMAL	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
4001	1251	1932				Nothing found						
4002	1258	1978	90	36	2	Misc. Scrap	5/5/1999					
4003	1262	1973	135	24		Misc. Scrap	5/5/1999					
4004	1265	1975	135	36	1	OE scrap	5/5/1999					
4005	1269	1970	90	30	3	OE scrap	5/5/1999					
4006	1261	1938				Nothing found	5/5/1999					
4007	1270	1937	135	36	2	Misc. Scrap	5/5/1999					
4008	1280	1948	270	48	2	Misc. Scrap	5/5/1999					
4009	1285	1955	225	8	3	OE scrap	5/5/1999					
4010	1280	1978	225	60	3	Misc. Scrap	5/5/1999					
4011	1285	1937	90	36	3	Misc. Scrap	5/5/1999					
4012	1291	1939				Nothing found						
4013	1297	1940				Nothing found						
4014	1300	1942				Nothing found						
4015	1295	1965	180	48	2	Misc. Scrap	5/5/1999					
4016	1305	1948				Nothing found	#########					
4017	1310	1941	270	30	3	Misc. Scrap	5/5/1999					
4018	1310	1953	135	24	2	Misc. Scrap	5/5/1999					
4019	1315	1943	315	3	3	Misc. Scrap	5/5/1999					
4020	1314	1937				Nothing found	#########					
4021	1318	1938	315	18	4	7.62 blank	5/5/1999					
4022	1320	1945	180	24	2	OE scrap	5/5/1999					
4023	1323	1980	0	6	2	disc	5/5/1999					
4024	1338	1977	225	18	3	Misc. Scrap	5/5/1999					
4025	1340	1972	225	48	2	Misc. Scrap	5/5/1999					
4026	1335	1965	90	36	1	Misc. Scrap	5/5/1999					
4027	1335	1952	180	48	2	OE scrap	5/5/1999					
4028	1331	1948	90	3	6	Misc. Scrap	5/5/1999					
4029	1333	1935	270	12	4	OE scrap	5/5/1999					
4030	1337	1937	135	30	3	Misc. Scrap	5/5/1999					
4031	1341	1935	225	8	2	OE scrap	5/5/1999					
4032	1345	1937	90	48	1	OE scrap	5/5/1999					
4033	1340	1962	135	36	3	disc	5/5/1999					
4034	1348	1970	90	48	3	disc	5/5/1999					
4035	1350	1976	45	60	2	Misc. Scrap	5/5/1999					
4036	1360	1972	135	18	5	Misc. Scrap	5/5/1999					
4037	1355	1968	225	48	5	Misc. Scrap	5/5/1999					

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-04

ANOMAL	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
4001	1251	1932				Nothing found						
4038	1360	1968	180	6	6	disc	5/5/1999					
4039	1360	1958	90	48		Misc. Scrap	5/5/1999					
4040	1359	1955	45	18	2	OE scrap	5/5/1999					
4041	1362	1952	45	16	3	Misc. Scrap	5/5/1999					
4042	1365	1968	270	30	2	Misc. Scrap	5/5/1999					
4043	1363	1977	135	24		OE scrap	5/5/1999					
4044	1366	1980	135	18	3	disc	5/5/1999					
4045	1370	1978	0	24	1	OE scrap	5/5/1999					
4046	1373	1973	135	36	3	Misc. Scrap	########					
4047	1370	1953	135	12	3	disc	########					
4048	1363	1932	0	36	4	disc	########					
4049	1365	1930	0	48	4	Misc. Scrap	########					
4050	1384	1930	315	18	4	disc	########					
4051	1383	1932	315	36	3	washer	5/5/1999					
4052	1386	1935	0	20	3	disc	########					
4053	1385	1940	315	10	4	Misc. Scrap	########					
4054	1377	1963	135	36	4	Misc. Scrap	########					
4055	1378	1965	45	30	3	Misc. Scrap	########					
4056	1377	1970	315	36	4	Misc. Scrap	########					
4057	1381	1977	135	7	2	disc	########					
4058	1387	1980	45	36	5	Misc. Scrap	########					
4059	1400	1978	135	24	3	Misc. Scrap	########					
4060	1401	1972	215	24	1	Misc. Scrap	5/5/1999					
4061	1400	1967	0	36	3	Misc. Scrap	########					
4062	1398	1960	270	12	2	Misc. Scrap	5/5/1999					
4063	1394	1955	135	2	5	OE scrap	5/5/1999					
4064	1400	1952	315	12		Misc. Scrap	########					
4065	1403	1935	270	4	2	Misc. Scrap	########					
4066	1400	1932	90	20	3	Misc. Scrap	########					
4067	1404	1930	0	15	5	Misc. Scrap	########					
4068	1415	1930	0	48	2	Misc. Scrap	########					
4069	1412	1963	315	40	2	Misc. Scrap	########					
4070	1410	1965	315	24	1	Misc. Scrap	########					
4071	1410	1980				buried copper						
4072	1416	1974				buried copper						
4073	1420	1969				buried copper						

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-04

ANOMAL	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
4001	1251	1932				Nothing found						
4074	1425	1965				buried copper						
4075	1427	1958				buried copper						
4076	1430	1960				buried copper						
4077	1421	1979				buried copper						
4078	1425	1974	180	36		buried copper	5/5/1999					
4079	1430	1980				buried copper						
4080	1439	1978	225	48	2	Misc. Scrap	5/5/1999					
4081	1442	1980	225	36	3	ring	5/5/1999					
4082	1445	1967	90	12	3	disc	########					
4083	1440	1962	225	48	2	disc	########					
4084	1438	1955				buried copper						
4085	1433	1954				buried copper						
4086	1432	1948	180	72	2	Misc. Scrap	5/5/1999					
4087	1437	1950				buried copper						
4088	1442	1953				buried copper						
4089	1445	1949				buried copper						
4090	1440	1945				buried copper						
4091	1448	1945				buried copper						
4092	1447	1939				buried copper						
4093	1456	1939				buried copper						
4094	1450	1933				buried copper						
4095	1462	1935				buried copper						
4096	1463	1930	0	8		buried copper	########					
4097	1456	1978	90	30	7	disc	########					
4098	1463	1980	315	24	1	Misc. Scrap	########					
4099	1478	1976	135	36	4	OE scrap	5/5/1999					
4100	1482	1977	135	10	2	Misc. Scrap	########					
4101	1485	1960	0	0	2	Misc. Scrap	########					
4102	1482	1955	0	36	3	Misc. Scrap	########					
4103	1480	1943	270	24	2	Misc. Scrap	5/5/1999					
4104	1484	1932	270	48	1	Misc. Scrap	5/5/1999					
4105	1500	1980	45	36	1	Misc. Scrap	########					
4106	1499	1972	90	18	6	disc	########					
4107	1503	1968				buried copper						
4107A	1503	1968	45	12	1	disc	########					
4108	1502	1962	45	30	2	disc	########					

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-04

ANOMAL	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
4001	1251	1932				Nothing found						
4109	1510	1962	90	5	1	disc	########					
4110	1502	1937	0	0	6	disc	########					
4111	1505	1935	270	8	4	Misc. Scrap	########					
4112	1515	1955	180	36	2	washer	5/5/1999					
4113	1518	1960	90	10	4	disc	########					
4114	1520	1962	0	0	2	m200 blanks	5/5/1999					
4115	1522	1973	180	12	3	Misc. Scrap	########					
4116	1523	1977	180	8	5	Misc. Scrap	########					
4117	1527	1980	90	10	4	OE scrap	########					
4117A	1527	1980	0	0	4	OE scrap	########					
4118	1527	1970	0	0	8	OE scrap	########					
4119	1524	1965	90	12	8	OE scrap	########					
4120	1528	1965	225	36	10	Misc. Scrap	########					
4121	1527	1959	135	40	2	OE scrap	########					
4122	1522	1945	270	36	8	Misc. Scrap	5/5/1999					
4123	1525	1940	90	10		buried copper	########					
4124	1533	1960	90	12	4	Misc. Scrap	########					
4125	1535	1975	0	0	3	Misc. Scrap	########					
4126	1536	1972	225	48	1	Misc. Scrap	5/5/1999					
4127	1538	1980	225	12	11	Misc. Scrap	########					
4128	1544	1980	45	30	2	Misc. Scrap	5/5/1999					
4129	1542	1975	135	15	6	Misc. Scrap	########					
4130	1540	1968	225	16	1	Misc. Scrap	5/5/1999					
4131	1543	1960	135	9	4	Misc. Scrap	########					
4132	1540	1946	270	8	4	Misc. Scrap	########					
4133	1543	1935	18	6	1	Misc. Scrap	5/5/1999					
4134	1545	1938	0	0		buried copper	########					
4135	1544	1930	135	48	4	Misc. Scrap	5/5/1999					
4136	1550	1942	315	24	6	Misc. Scrap	########					
4136A	1550	1942	135	8	2	Misc. Scrap	5/5/1999					
4137	1553	1945	90	40		m200 blanks	5/5/1999					
4138	1549	1975	225	30	2	Misc. Scrap	########					
4139	1555	1975	0	12	3	OE scrap	########					
4140	1559	1980	45	20	4	Misc. Scrap	########					
4140A	1559	1980	180	6	4	Misc. Scrap	########					
4141	1560	1952	135	36	5	Misc. Scrap	########					

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-04

ANOMAL	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
4001	1251	1932				Nothing found						
4142	1556	1931	135	48	1	Misc. Scrap	5/5/1999					
4143	1565	1945	315	36	2	Misc. Scrap	5/5/1999					
4144	1570	1933	270	18	2	Misc. Scrap	########					
4145	1570	1947	0	6	3	m200 blanks	########					
4146	1573	1967	135	18	4	Misc. Scrap	########					
4147	1575	1975				Nothing found	5/5/1999					
4148	1590	1977	90	8	2	Misc. Scrap	5/5/1999					
4149	1590	1953	135	24	3	Misc. Scrap	5/5/1999					
4150	1590	1942				Nothing found	5/5/1999					
4150A	1590	1942				Nothing found	5/5/1999					
4151	1593	1933				Nothing found	5/5/1999					
4152	1598	1935				buried copper	########					
4153	1597	1952				buried copper	########					
4154	1602	1956				buried copper	########					
4155	1600	1960	90	6	1	Misc. Scrap	5/5/1999					
4156	1603	1963	135	48	2	Misc. Scrap	5/5/1999					
4157	1603	1975				Nothing found	5/5/1999					
4158	1612	1968				Nothing found	5/5/1999					
4159	1610	1952				Nothing found	5/5/1999					
4160	1605	1947	225	8		buried copper	########					
4161	1611	1943				Nothing found	5/5/1999					
4162	1614	1942	45	30	3	m200 blanks	########					
4163	1615	1948				Nothing found	5/5/1999					
4164	1620	1965	45	12	2	Misc. Scrap	5/5/1999					
4165	1623	1952	270	15		hot soil	5/5/1999					
4166	1624	1947				Nothing found	5/5/1999					
4167	1625	1943				Nothing found	5/5/1999					
4168	1616	1930				Nothing found	5/5/1999					
4169	1623	1930	0	24		Nothing found	5/5/1999					
4170	1628	1930	180	42	1	Misc. Scrap	5/5/1999					
4171	1627	1938				Nothing found	5/5/1999					
4172	1630	1957				Nothing found	5/5/1999					
4173	1635	1952	90	24	2	Misc. Scrap	5/5/1999					
4174	1630	1972				Nothing found	5/5/1999					
4175	1637	1977				Nothing found	5/5/1999					
4176	1645	1977				Nothing found	5/5/1999					

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-04

ANOMAL	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
4001	1251	1932				Nothing found						
4177	1647	1975				Nothing found	5/5/1999					
4178	1640	1958				Nothing found	5/5/1999					
4179	1648	1958	0	48		Nothing found	5/5/1999					
4180	1648	1952				Nothing found	5/5/1999					
4181	1642	1945				Nothing found	5/5/1999					
4182	1641	1937				Nothing found	5/5/1999					

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-05

POINT	NORTHING	EASTING	ELEVATION
5331	985383.24	752905.66	750
5330	985384.29	752850.22	750
5329	985404.24	752925.17	750
5328	985412.34	752927.66	750
5327	985424.13	752920.37	750
5326	985419.09	752914.98	750
5325	985415.93	752906.65	750
5324	985406.08	752909.77	750
5323	985407.02	752902.84	750
5322	985416.37	752893.58	750
5321	985402.49	752895.33	750
5320	985415.75	752880.97	750
5319	985400.75	752883.20	750
5318	985409.73	752876.67	750
5317	985410.04	752869.81	750
5316	985413.11	752866.95	750
5315	985398.95	752869.04	750
5314	985390.98	752868.87	750
5313	985390.87	752862.99	750
5312	985393.35	752851.33	750
5311	985402.50	752853.05	750
5310	985412.10	752847.01	750
5309	985404.09	752846.89	750
5308	985391.05	752844.65	750
5307	985385.01	752835.30	750
5306	985392.98	752835.17	750
5305	985387.89	752827.75	750
5304	985402.33	752825.62	750
5303	985385.36	752810.74	750
5302	985389.92	752813.48	750
5301	985396.81	752819.14	750
5300	985395.65	752812.23	750
5299	985404.95	752818.36	750
5298	985406.12	752811.39	750
5297	985402.65	752808.12	750
5296	985398.75	752802.55	750
5295	985397.02	752793.98	750
5294	985402.87	752790.32	750
5293	985400.95	752780.61	750
5292	985395.71	752784.46	750
5291	985388.57	752789.51	750
5290	985376.16	752777.08	750
5289	985380.05	752779.10	750
5288	985386.73	752778.57	750
5287	985396.71	752770.99	750
5286	985394.83	752763.32	750
5285	985385.96	752772.22	750

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-05

POINT	NORTHING	EASTING	ELEVATION
5284	985373.65	752762.16	750
5283	985384.65	752764.45	750
5282	985387.95	752761.21	750
5281	985379.03	752752.10	750
5280	985383.50	752743.36	750
5279	985383.38	752735.69	750
5278	985378.10	752744.86	750
5277	985372.57	752752.26	750
5276	985386.97	752889.06	750
5275	985392.67	752891.37	750
5274	985395.12	752904.25	750
5273	985398.47	752931.16	750
5272	985390.75	752932.75	750
5271	985393.46	752919.00	750
5270	985385.96	752916.41	750
5269	985382.73	752925.52	750
5268	985384.10	752930.02	750
5267	985364.66	752937.42	750
5266	985372.15	752922.28	750
5265	985378.63	752901.09	750
5264	985381.73	752893.20	750
5263	985380.37	752885.15	750
5262	985372.74	752885.23	750
5261	985384.58	752866.09	750
5260	985346.63	752898.80	750
5259	985345.27	752906.40	750
5258	985345.39	752912.60	750
5257	985350.49	752920.02	750
5256	985348.21	752922.16	750
5255	985342.89	752931.04	750
5254	985338.00	752926.55	750
5253	985335.11	752914.62	750
5252	985333.81	752905.10	750
5251	985336.24	752898.46	750
5250	985356.73	752869.01	750
5249	985369.92	752863.25	750
5248	985375.57	752861.72	750
5247	985371.65	752852.34	750
5246	985363.56	752843.03	750
5245	985386.73	752855.99	750
5244	985377.60	752847.49	750
5243	985381.19	752826.49	750
5242	985379.14	752835.40	750
5241	985372.30	752831.53	750
5240	985364.39	752831.99	750
5239	985353.39	752815.77	750
5238	985335.37	752935.56	750

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-05

POINT	NORTHING	EASTING	ELEVATION
5237	985336.66	752941.54	750
5236	985317.04	752921.54	750
5235	985314.09	752932.07	750
5234	985318.80	752938.94	750
5233	985322.87	752924.36	750
5232	985322.14	752930.68	750
5231	985291.89	752924.84	750
5230	985306.42	752937.45	750
5229	985303.79	752930.50	750
5228	985296.79	752916.91	750
5227	985321.71	752915.70	750
5226	985314.15	752907.77	750
5225	985322.35	752907.31	750
5224	985322.70	752900.44	750
5223	985327.89	752891.00	750
5222	985323.29	752891.77	750
5221	985316.72	752882.54	750
5220	985323.27	752884.66	750
5219	985333.11	752879.79	750
5218	985336.00	752861.88	750
5217	985325.75	752874.81	750
5216	985321.84	752849.74	750
5215	985318.04	752846.25	750
5214	985316.98	752839.95	750
5213	985310.96	752872.85	750
5212	985313.88	752869.10	750
5211	985309.80	752862.43	750
5210	985298.65	752861.33	750
5209	985302.26	752863.40	750
5208	985303.15	752875.63	750
5207	985305.27	752884.77	750
5206	985298.58	752885.30	750
5205	985293.07	752879.12	750
5204	985296.73	752870.81	750
5203	985292.80	752864.99	750
5202	985308.10	752829.94	750
5201	985301.13	752818.06	750
5200	985288.30	752869.89	750
5199	985280.41	752859.96	750
5198	985281.61	752849.44	750
5197	985301.40	752796.45	750
5196	985290.49	752791.46	750
5195	985308.64	752795.81	750
5194	985308.42	752785.52	750
5193	985379.55	752816.73	750
5192	985372.98	752818.12	750
5191	985372.01	752812.36	750

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-05

POINT	NORTHING	EASTING	ELEVATION
5190	985360.38	752808.12	750
5189	985376.81	752805.65	750
5188	985356.87	752790.68	750
5187	985371.85	752795.52	750
5186	985367.16	752748.15	750
5185	985343.14	752747.76	750
5184	985340.89	752755.53	750
5183	985338.43	752742.65	750
5182	985332.91	752748.30	750
5181	985328.76	752756.98	750
5180	985325.35	752772.03	750
5179	985321.04	752772.75	750
5178	985316.59	752758.45	750
5177	985322.41	752754.50	750
5176	985321.53	752747.53	750
5175	985314.84	752746.32	750
5174	985310.83	752750.54	750
5173	985301.02	752748.64	750
5172	985293.91	752751.88	750
5171	985280.03	752752.16	750
5170	985281.25	752761.12	750
5169	985293.29	752765.87	750
5168	985300.57	752775.88	750
5167	985288.69	752777.30	750
5166	985291.65	752801.92	750
5165	985282.49	752828.30	750
5164	985284.25	752812.33	750
5163	985275.93	752809.87	750
5162	985276.74	752776.33	750
5161	985282.39	752794.33	750
5160	985270.66	752801.90	750
5159	985270.81	752788.58	750
5158	985250.97	752809.64	750
5157	985256.87	752802.46	750
5156	985253.40	752781.76	750
5155	985243.51	752787.85	750
5154	985246.68	752784.06	750
5153	985251.28	752786.84	750
5152	985261.82	752793.06	750
5151	985260.89	752785.81	750
5150	985265.22	752774.72	750
5149	985263.40	752767.37	750
5148	985254.45	752772.09	750
5147	985243.44	752764.78	750
5146	985230.04	752769.41	750
5145	985229.79	752794.29	750
5144	985234.59	752798.21	750

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-05

POINT	NORTHING	EASTING	ELEVATION
5143	985205.12	752767.08	750
5142	985184.55	752771.12	750
5141	985216.70	752776.09	750
5140	985210.61	752780.37	750
5139	985201.09	752781.68	750
5138	985201.29	752789.88	750
5137	985196.22	752789.56	750
5136	985185.78	752799.59	750
5135	985186.92	752813.58	750
5134	985211.65	752830.41	750
5133	985203.55	752814.05	750
5132	985194.00	752804.73	750
5131	985196.59	752800.75	750
5130	985207.54	752805.97	750
5129	985216.87	752814.19	750
5128	985219.32	752811.10	750
5127	985215.03	752801.49	750
5126	985217.78	752803.67	750
5125	985224.70	752806.35	750
5124	985227.67	752813.26	750
5123	985236.57	752810.01	750
5122	985258.89	752810.98	750
5121	985249.10	752819.39	750
5120	985241.08	752817.48	750
5119	985239.60	752824.55	750
5118	985228.46	752837.37	750
5117	985238.50	752839.19	750
5116	985243.74	752833.30	750
5115	985249.40	752838.87	750
5114	985258.04	752828.85	750
5113	985273.60	752836.85	750
5112	985273.68	752842.78	750
5111	985273.16	752827.19	750
5110	985264.70	752820.92	750
5109	985263.77	752827.60	750
5108	985267.26	752837.92	750
5107	985272.47	752851.26	750
5106	985263.24	752870.25	750
5105	985260.54	752855.90	750
5104	985251.98	752859.43	750
5103	985244.18	752855.39	750
5102	985232.80	752850.82	750
5101	985218.66	752856.45	750
5100	985210.60	752843.59	750
5099	985201.88	752855.12	750
5098	985200.58	752849.11	750
5097	985202.72	752837.26	750

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-05

POINT	NORTHING	EASTING	ELEVATION
5096	985194.21	752828.61	750
5095	985191.52	752833.79	750
5094	985188.41	752839.96	750
5093	985183.89	752834.19	750
5092	985183.92	752855.47	750
5091	985188.43	752861.23	750
5090	985195.44	752862.40	750
5089	985194.01	752873.29	750
5088	985194.87	752876.66	750
5087	985204.06	752873.36	750
5086	985208.54	752868.47	750
5085	985213.42	752867.66	750
5084	985218.10	752863.61	750
5083	985224.11	752862.60	750
5082	985230.93	752871.53	750
5081	985234.99	752867.59	750
5080	985241.96	752870.26	750
5079	985250.63	752869.10	750
5078	985252.03	752879.19	750
5077	985257.24	752875.10	750
5076	985271.29	752868.90	750
5075	985278.11	752867.45	750
5074	985276.14	752874.86	750
5073	985277.63	752882.00	750
5072	985280.24	752883.61	750
5071	985277.75	752889.68	750
5070	985270.91	752886.10	750
5069	985261.48	752884.42	750
5068	985264.11	752891.37	750
5067	985253.73	752894.58	750
5066	985232.83	752891.57	750
5065	985226.82	752878.70	750
5064	985220.04	752880.42	750
5063	985210.93	752889.65	750
5062	985203.88	752888.19	750
5061	985196.09	752887.41	750
5060	985197.68	752895.13	750
5059	985189.11	752879.43	750
5058	985185.00	752886.60	750
5057	985183.90	752867.59	750
5056	985181.18	752876.04	750
5055	985179.41	752886.66	750
5054	985177.68	752895.81	750
5053	985185.76	752899.81	750
5052	985193.87	752904.05	750
5051	985186.53	752907.91	750
5050	985196.55	752913.05	750

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-05

POINT	NORTHING	EASTING	ELEVATION
5049	985200.04	752907.45	750
5048	985218.15	752909.72	750
5047	985228.62	752910.63	750
5046	985222.71	752915.76	750
5045	985212.60	752924.23	750
5044	985233.84	752927.48	750
5043	985246.26	752929.24	750
5042	985260.68	752930.67	750
5041	985274.65	752931.25	750
5040	985288.54	752946.98	750
5039	985284.70	752950.55	750
5038	985277.70	752949.39	750
5037	985270.43	752946.46	750
5036	985262.12	752941.05	750
5035	985250.84	752939.10	750
5034	985246.28	752950.52	750
5033	985212.61	752959.39	750
5032	985216.62	752935.68	750
5031	985213.31	752938.92	750
5030	985204.67	752931.51	750
5029	985201.08	752936.53	750
5028	985205.55	752943.77	750
5027	985203.38	752946.77	750
5026	985202.49	752964.35	750
5025	985198.88	752962.33	750
5024	985196.72	752951.15	750
5023	985192.77	752948.55	750
5022	985189.99	752953.15	750
5021	985183.08	752952.56	750
5020	985192.26	752936.80	750
5019	985194.49	752923.72	750
5018	985199.09	752919.44	750
5017	985189.60	752919.23	750
5016	985182.54	752921.29	750
5015	985178.44	752926.75	750
5014	985177.23	752933.43	750
5013	985172.98	752908.14	750
5012	985172.64	752870.95	750
5011	985174.17	752860.66	750
5010	985169.10	752860.63	750
5009	985168.68	752847.40	750
5008	985167.43	752839.93	750
5007	985163.53	752823.72	750
5006	985171.59	752822.37	750
5005	985171.80	752814.94	750
5004	985168.10	752798.12	750
5003	985173.87	752793.89	750

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-05

POINT	NORTHING	EASTING	ELEVATION
5002	985171.93	752778.88	750
5001	985159.65	752777.68	750

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-06

ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
6001	1040	1603				Nothing found	5/19/1999					
6002	1048	1603	80	60	3	40mm Grenade (Orange Dye)	5/19/1999			Intact:Fired:Unfuze	Inert	Scrap
6003	1048	1617	265	36	3	40mm grenade body practice	5/19/1999			Fired	Inert	Scrap
6004	1027	1618	10	36		40mm Grenade (Orange Dye)	5/19/1999			Intact:Fired:Unfuze	Inert	Scrap
6005	1017	1629	100	40	3	practice body	5/19/1999					Scrap
6006	1058	1625	260	30	3	practice end	5/19/1999			Fired		Scrap
6007	1055	1633	100	24	3	OE scrap	5/19/1999					Scrap
6008	1058	1643	265	6	2	40mm grenade body practice	5/19/1999			Fired:Unfuzed		Scrap
6009	1050	1648	190	48	2	practice end	5/19/1999			Fired:Unfuzed		Scrap
6010	1042	1660	360	8	3	OE scrap	5/19/1999					Scrap
6011	1049	1662	200	36	2	practice body	5/19/1999					Scrap
6012	1057	1662	320	24		practice end	5/19/1999					Scrap
6013	1030	1675	270	18	2	practice end	5/19/1999					Scrap
6014	1040	1676	210	54	2	practice body	5/19/1999					Scrap
6015	1070	1661	265	36	0	40mm Grenade (Orange Dye)	5/19/1999			Intact:Fired:Unfuze	Inert	Scrap
6016	1075	1648	360	8	5	40mm grenade body practice	5/19/1999			Partial:Fired:Unfuz	Inert	Scrap
6017	1080	1642	265	48	3	OE scrap	5/19/1999					Scrap
0	1080	1642	175	36	3	OE scrap	5/19/1999					Scrap
6018	1073	1634	180	24	2	40 mm cs grenade	5/19/1999			Intact:Fired:Fuzed		Mark for later disp
0	1073	1634	180	36	4	40mm Grenade (Orange Dye)	5/19/1999			Intact:Fired:Unfuze	Inert	Scrap
6019	1073	1627	180	30	3	OE scrap	5/19/1999					Scrap
0	1073	1627	175	24	2	practice body	5/19/1999					Scrap
6020	1085	1619	270	36	3	practice end	5/19/1999					Scrap
6021	1085	1613	270	48	3	OE scrap	5/19/1999					Scrap
6022	1091	1601	180	3	3	40mm ogive	5/19/1999					Scrap
0	1091	1601	90	36	2	OE scrap	5/19/1999					Scrap
6023	1096	1603	270	18	0	practice body	5/19/1999					Scrap
6024	1121	1621	150	24	4	OE scrap	5/19/1999					Scrap
6025	1110	1623				Not Investigated						
6026	1140	1608	349	24	3	practice body	5/19/1999					Scrap
6027	1138	1611	265	3	3	practice end	5/19/1999					Scrap
6028	1140	1617	90	48		practice end	5/19/1999					Scrap
6029	1143	1635	110	8	3	OE scrap	5/19/1999					Scrap
6030	1147	1658	270	3	3	cap	5/19/1999					Scrap
6031	1145	1672	360	30	2	cap	5/19/1999					Scrap
6032	1121	1658	300	24	3	practice body	5/19/1999					Scrap
6033	1093	1681	190	18		40mm Grenade (Orange Dye)	5/19/1999			Fired:Intact:Unfuze	Inert	Scrap
6034	1148	1615	289	6	3	practice end	5/19/1999					Scrap
6035	1150	1600	300	12	2	OE scrap	5/19/1999					Scrap

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-06

ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
6001	1040	1603				Nothing found	5/19/1999					
6036	1155	1608	200	7	2	practice body	5/19/1999					Scrap
6037	1160	1603	180	6	3	practice end	5/19/1999					Scrap
6038	1165	1607	264	25	1	practice body	5/19/1999					Scrap
6039	1166	1601	300	18	3	OE scrap	5/19/1999					Scrap
6040	1175	1603	280	24	2	practice body	5/19/1999					Scrap
6041	1180	1601	190	36		practice end	5/19/1999					Scrap
6042	1185	1605	300	36	3	practice end	5/19/1999					Scrap
6043	1197	1605	185	6	3	OE scrap	5/19/1999					Scrap
6044	1195	1615	270	36		cap	5/19/1999					Scrap
6045	1173	1625	270	18	2	Misc. Scrap	5/19/1999					Scrap
6046	1185	1633	270	8	3	Misc. Scrap	5/19/1999					Scrap
6047	1185	1637	270	6	3	40mm grenade body practice	5/19/1999			Fired:Unfuzed		Scrap
6048	1195	1634	270	2	2	40mm grenade body	5/19/1999			Fired:Unfuzed	Inert	Scrap
6049	1191	1637	20	30	3	practice body	5/19/1999			Fired:Unfuzed		Scrap
6050	1187	1650	360	18	2	Misc. Scrap	5/19/1999					Scrap
6051	1192	1652	70	12	4	practice body	5/19/1999			Partial:Fired:Unfuz		Scrap
6052	1195	1655	280	12	2	Misc. Scrap	5/19/1999					Scrap
6053	1192	1660	180	40	4	OE scrap	5/19/1999					Scrap
6054	1152	1658	360	30	4	OE scrap	5/19/1999					Scrap
6055	1180	1657	285	2	2	practice body	5/19/1999					Scrap
6056	1180	1665	360	2	2	Misc. Scrap	5/19/1999					Scrap
6057	1184	1664	260	18	4	practice body	5/19/1999					Scrap
6058	1198	1667	360	3	3	OE scrap	5/19/1999					Scrap
6059	1178	1669	280	9	5	OE scrap	5/19/1999					Scrap
6060	1180	1672	260	18	4	practice body	5/19/1999					Scrap
6061	1185	1673	340	6	3	OE scrap	5/19/1999					Scrap
6062	1173	1670	270	30	3	practice body	5/19/1999					Scrap
6063	1175	1675	290	18	4	practice end	5/19/1999					Scrap
6064	1175	1677	180	36	3	OE scrap	5/19/1999					Scrap
6065	1167	1680	185	18	3	practice body	5/19/1999					Scrap
6066	1166	1683	270	10	3	practice body	5/19/1999					Scrap
6067	1170	1683	190	24	4	OE scrap	5/19/1999					Scrap
6068	1163	1678	360	3	4	practice body	5/19/1999					Scrap
6069	1155	1683	200	24	4	practice end	5/19/1999					Scrap
0	1155	1683	90	18	2	practice end	5/19/1999					Scrap
6070	1153	1685	360	8	3	practice body	5/19/1999					Scrap
6071	1172	1687	270	2		40mm ogive	5/19/1999					Scrap
6072	1197	1685	180	24		40mm ogive	5/19/1999					Scrap

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Site 44A, Grid 44A-06

ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
6001	1040	1603				Nothing found	5/19/1999					
6073	1189	1690	360	10	4	40mm ogive	5/19/1999					Scrap
6074	1198	1699	195	12	2	40mm ogive	5/19/1999					Scrap
6075	1183	1697	20	12	2	practice body	5/19/1999					Scrap
6076	1198	1704	20	24	2	practice body	5/19/1999					Scrap
6077	1183	1690	100	18	4	practice body	5/19/1999					Scrap
6078	1193	1680	360	24	3	practice end	5/19/1999					Scrap
6079	1183	1683	180	2	3	practice body	5/19/1999					Scrap
6080	1167	1688	260	12	3	OE scrap	5/19/1999					Scrap
6081	1169	1693	200	6	3	40mm ogive	5/19/1999					Scrap
6082	1158	1695	20	12	3	practice body	5/19/1999					Scrap
6083	1152	1690	180	24	4	practice body	5/19/1999					Scrap
6084	1148	1691	100	24	2	40mm ogive	5/19/1999					Scrap
6085	1147	1679	260	12	3	practice body	5/19/1999					Scrap
6086	1143	1685	190	24	3	OE scrap	5/19/1999					Scrap
6087	1138	1686	200	30	3	40mm ogive	5/19/1999					Scrap
6088	1133	1690				Nothing found	5/19/1999					
6089	1133	1695	200	48	3	practice body	5/19/1999					Scrap
6090	1125	1690	170	24	4	OE scrap	5/19/1999					Scrap
6091	1117	1692	185	24	3	40mm ogive	5/19/1999					Scrap
6092	1115	1693	210	18	3	OE scrap	5/19/1999					Scrap
6093	1112	1690	300	2	3	practice body	5/19/1999					Scrap
6094	1108	1690	360	12	4	OE scrap	5/19/1999					Scrap
6095	1105	1685				Not Investigated						
6096	1100	1685	90	14	4	practice end	5/19/1999					Scrap
6097	1098	1694	270	3	3	practice body	5/19/1999					Scrap
6098	1094	1704	80	14	5	40mm ogive	5/19/1999					Scrap
6099	1102	1704	275	4	3	practice body	5/19/1999					Scrap
6100	1102	1712				Nothing found	5/19/1999					
6101	1122	1698	100	36	1	OE scrap	5/19/1999					Scrap
6102	1115	1702	360	36	3	40mm ogive	5/19/1999					Scrap
6103	1111	1704				Nothing found	5/19/1999					
6104	1115	1708	360	3	4	practice body	5/19/1999					Scrap
6105	1111	1711	285	12	4	40mm ogive	5/19/1999					Scrap
6106	1112	1715				Nothing found	5/19/1999					
6107	1118	1712	10	8	3	practice body	5/19/1999					Scrap
6108	1117	1718				Nothing found	5/19/1999					
6109	1123	1715				Nothing found	5/19/1999					
6110	1122	1708				Nothing found	5/19/1999					

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-06

ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
6001	1040	1603				Nothing found	5/19/1999					
6111	1120	1705				Nothing found	5/19/1999					
6112	1127	1705				Nothing found	5/19/1999					
6113	1139	1707				Nothing found	5/19/1999					
6114	1147	1700				Nothing found	5/19/1999					
6115	1146	1707	20	28	3	40mm ogive	5/19/1999					Scrap
6116	1161	1700				Nothing found	5/19/1999					
6117	1160	1704				Nothing found	5/19/1999					
6118	1173	1702	280	18	3	practice end	5/19/1999					Scrap
6119	1174	1697	90	6	5	40mm ogive	5/19/1999					Scrap
6120	1179	1700				Nothing found	5/19/1999					
6121	1177	1705				Not Investigated						
6122	1185	1703	180	10	3	practice body	5/19/1999					Scrap
6123	1193	1708	115	30	3	OE scrap	5/19/1999					Scrap
6124	1191	1710	75	30	3	40mm ogive	5/19/1999					Scrap
6125	1190	1705				Not Investigated						
6126	1196	1714				Not Investigated						
6127	1197	1721				Not Investigated						
6128	1193	1721				Not Investigated						
6129	1190	1717				Not Investigated						
6130	1182	1718				Not Investigated						
6131	1180	1720				Not Investigated						
6132	1175	1710				Not Investigated						
6133	1170	1709				Not Investigated						
6134	1170	1716				Not Investigated						
6135	1165	1717				Not Investigated						
6136	1163	1723				Not Investigated						
6137	1170	1725				Not Investigated						
6138	1175	1730				Not Investigated						
6139	1195	1735				Not Investigated						
6140	1195	1739				Not Investigated						
6141	1190	1735				Not Investigated						
6142	1186	1739				Not Investigated						
6143	1187	1742				Not Investigated						
6144	1172	1738				Not Investigated						
6145	1168	1733				Not Investigated						
6146	1167	1740				Not Investigated						
6147	1165	1738				Not Investigated						
6148	1160	1740				Not Investigated						

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ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
6001	1040	1603				Nothing found	5/19/1999					
6149	1155	1741				Not Investigated						
6150	1165	1728				Not Investigated						
6151	1150	1711				Not Investigated						
6152	1152	1719				Not Investigated						
6153	1145	1721				Not Investigated						
6154	1148	1725				Not Investigated						
6155	1152	1730				Not Investigated						
6156	1144	1742				Not Investigated						
6157	1140	1740				Not Investigated						
6158	1145	1735				Not Investigated						
6159	1145	1730				Not Investigated						
6160	1137	1735				Not Investigated						
6161	1138	1730				Not Investigated						
6162	1131	1728				Not Investigated						
6163	1135	1721				Not Investigated						
6164	1140	1719				Not Investigated						
6165	1137	1715				Not Investigated						
6166	1130	1719				Not Investigated						
6167	1129	1714				Not Investigated						
6168	1141	1725				Not Investigated						
6169	1160	1711				Not Investigated						
6170	1164	1710				Not Investigated						
6171	1163	1708				Not Investigated						
6172	1184	1710				Not Investigated						
6173	1187	1728				Not Investigated						
6174	1100	1725				Not Investigated						
6175	1105	1735				Not Investigated						
6176	1100	1733				Not Investigated						
6177	1090	1713				Not Investigated						
6178	1089	1708				Not Investigated						
6179	1086	1703				Not Investigated						
6180	1083	1708				Not Investigated						
6181	1081	1712				Not Investigated						
6182	1085	1715				Not Investigated						
6183	1088	1733				Not Investigated						
6184	1085	1727				Not Investigated						
6185	1078	1718				Not Investigated						
6186	1072	1720				Not Investigated						

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Site 44A, Grid 44A-06

ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
6001	1040	1603				Nothing found	5/19/1999					
6187	1069	1722				Not Investigated						
6188	1067	1728				Not Investigated						
6189	1058	1723				Not Investigated						
6190	1048	1732				Not Investigated						
6191	1047	1725				Not Investigated						
6192	1040	1720				Not Investigated						
6193	1054	1710				Not Investigated						
6194	1057	1708				Not Investigated						
6195	1057	1703				Not Investigated						
6196	1070	1710				Not Investigated						
6197	1075	1708				Not Investigated						
6198	1072	1703				Not Investigated						
6199	1072	1696				Not Investigated						
6200	1060	1695				Not Investigated						
6201	1057	1690				Not Investigated						
6202	1028	1720				Not Investigated						
6203	1015	1700				Not Investigated						
6204	1018	1702				Not Investigated						
6205	1020	1704				Not Investigated						
6206	1005	1707				Not Investigated						
6207	1009	1716				Not Investigated						
6208	1013	1715				Not Investigated						
6209	1002	1715				Not Investigated						
6210	1002	1725				Not Investigated						
6211	1023	1721				Not Investigated						
6212	1025	1740				Not Investigated						
6213	1001	1737				Not Investigated						
6214	1027	1747				Not Investigated						
6215	1006	1754				Not Investigated						
6216	1001	1772				Not Investigated						
6217	1015	1770				Not Investigated						
6218	1022	1770				Not Investigated						
6219	1023	1762				Not Investigated						
6220	1057	1745				Not Investigated						
6221	1053	1754				Not Investigated						
6222	1050	1765				Not Investigated						
6223	1047	1763				Not Investigated						
6224	1029	1780				Not Investigated						

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Site 44A, Grid 44A-06

ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
6001	1040	1603				Nothing found	5/19/1999					
6225	1035	1777				Not Investigated						
6226	1047	1778				Not Investigated						
6227	1038	1790				Not Investigated						
6228	1059	1779				Not Investigated						
6229	1060	1795				Not Investigated						
6230	1070	1797				Not Investigated						
6231	1062	1765				Not Investigated						
6232	1078	1772				Not Investigated						
6233	1077	1768				Not Investigated						
6234	1078	1763				Not Investigated						
6235	1102	1732				Not Investigated						
6236	1075	1750				Not Investigated						
6237	1080	1755				Not Investigated						
6238	1085	1766				Not Investigated						
6239	1090	1762				Not Investigated						
6240	1095	1765				Not Investigated						
6241	1090	1773				Not Investigated						
6242	1098	1777				Not Investigated						
6243	1077	1798				Not Investigated						
6244	1075	1795				Not Investigated						
6245	1078	1791				Not Investigated						
6246	1080	1786				Not Investigated						
6247	1085	1785				Not Investigated						
6248	1090	1785				Not Investigated						
6249	1105	1777				Not Investigated						
6250	1115	1791				Not Investigated						
6251	1122	1792				Not Investigated						
6252	1112	1772				Not Investigated						
6253	1124	1773				Not Investigated						
6254	1125	1774				Not Investigated						
6255	1132	1776				Not Investigated						
6256	1127	1790				Not Investigated						
6257	1139	1788				Not Investigated						
6258	1153	1795				Not Investigated						
6259	1160	1800				Not Investigated						
6260	1153	1790				Not Investigated						
6261	1167	1784				Not Investigated						
6262	1165	1771				Not Investigated						

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-06

ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
6001	1040	1603				Nothing found	5/19/1999					
6263	1165	1768				Not Investigated						
6264	1163	1765				Not Investigated						
6265	1151	1760				Not Investigated						
6266	1150	1770				Not Investigated						
6267	1170	1747				Not Investigated						
6268	1178	1751				Not Investigated						
6269	1181	1752				Not Investigated						
6270	1187	1752				Not Investigated						
6271	1193	1750				Not Investigated						
6272	1195	1745				Not Investigated						
6273	1198	1750				Not Investigated						
6274	1199	1760				Not Investigated						
6275	1195	1759				Not Investigated						
6276	1192	1765				Not Investigated						
6277	1186	1765				Not Investigated						
6278	1190	1762				Not Investigated						
6279	1170	1753				Not Investigated						
6280	1177	1765				Not Investigated						
6281	1187	1770	90	48	3	OE scrap	5/19/1999					Scrap
6282	1188	1775	360	36	2	Misc. Scrap	5/19/1999					Scrap
6283	1185	1777			1	Nothing found	5/19/1999					
6284	1180	1780	275	60	2	OE scrap	5/19/1999					Scrap
6285	1198	1775				Nothing found	5/19/1999					
6286	1197	1782				Nothing found	5/19/1999					
6287	1198	1787				Nothing found	5/19/1999					
6288	1189	1783	360	48	3	OE scrap	5/19/1999					Scrap
6289	1182	1790	175	36	3	OE scrap	5/19/1999					Scrap
6290	1190	1790	18	36	2	practice end	5/19/1999					Scrap
6291	1194	1795	90	6	3	OE scrap	5/19/1999					Scrap
6292	1200	1792	279	30	2	practice end	5/19/1999					Scrap
0	1200	1792	165	24	4	OE scrap	5/19/1999					Scrap
0	1200	1792										

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-07

ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
7001	753688.83	987661.69				metal rod						
7002	753696.13	987663.59				railroad tie plate						
7003	753698.70	987661.46				misc scrap						
7004	753701.26	987663.82				railroad tie keeper						
7005	753719.03	987654.62				buried pipe						
7006	753751.33	987651.39				misc. scrap						
7007	753752.83	987646.69				7.62 blank						
7008	753760.96	987651.19				misc. scrap				large, "spherical" anomaly		
7009	753766.10	987652.89				nail						
7010	753765.86	987648.62				not investigated						
7011	753767.16	987639.62				not investigated						
7012	753791.56	987639.19				not investigated						
7013	753799.46	987639.39				not investigated						
7014	753781.06	987661.46				not investigated						
7015	753826.86	987666.59				not investigated				smaller NE-SW		
7016	753829.43	987669.19				not investigated				trending linear anomaly		
7017	753831.13	987688.89				not investigated						
7018	753700.83	987723.99				not investigated				very small areal extent		
7019	753728.86	987729.36				not investigated						
7020	753733.56	987716.09				not investigated						
7021	753739.13	987721.22				not investigated						
7022	753882.90	987693.16				not investigated				Smaller		
7023	753877.56	987697.46				not investigated				NW-SE		
7024	753873.50	987701.72				not investigated				trending linear anomaly		
7025	753694.63	987738.79				not investigated						
7026	753685.86	987738.56				not investigated						
7101	753819.03	987736.19				not investigated						
7102	753823.83	987726.59				not investigated						
7103	753807.93	987721.82				not investigated				nominal		
7104	753798.13	987721.16				not investigated				E-W		
7105	753787.86	987721.59				not investigated				alignment		
7106	753773.26	987716.59				not investigated						
7107	753793.76	987701.56				not investigated						
7108	753798.76	987698.96				not investigated						
7109	753838.66	987701.36				not investigated						
7110	753859.36	987686.32				not investigated						
7111	753851.50	987674.36				not investigated				within main alignment		
7112	753851.06	987666.09				not investigated						
7113	753865.46	987721.82				not investigated						
7114	753868.50	987725.72				not investigated						
7115	753868.50	987731.62				not investigated						
7116	753863.26	987736.39				not investigated						

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-07

ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
7117	753850.43	987733.79				not investigated						
7118	753849.33	987735.52				not investigated						
7119	753847.60	987691.56				not investigated						
7120	753871.33	987666.29				not investigated						
7121	753866.53	987660.86				not investigated				within		
7122	753863.93	987655.62				not investigated				main		
7123	753858.26	987653.69				not investigated				alignment		
7124	753833.86	987644.32				not investigated						
7125	753794.63	987685.22				not investigated				*		
7126	753747.56	987678.49				not investigated				*		
7127	753753.43	987681.76				not investigated				within		
7128	753759.96	987676.96				not investigated				main		
7129	753738.63	987688.72				not investigated				alignment		
7130	753742.10	987691.99				not investigated				*		
7131	753741.23	987695.92				not investigated				*		
7132	753741.03	987701.79				not investigated				*		
7133	753748.20	987701.79				not investigated				*		
7134	753714.43	987681.99				not investigated				*(also has other "hits)		
7135	753686.96	987684.79				not investigated				*(also has other "hits)		
7136	753686.53	987693.72				not investigated						
7137	753686.33	987698.96				not investigated						
7138	753690.66	987698.72				not investigated						
7139	753688.26	987703.76				not investigated						
7140	753717.93	987708.96				not investigated						
7141	753693.73	987733.36				not investigated						

UXO Subsurface Anomaly Inspection
Site 44A, Grid 44A-08

ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
8001	753538.77	987580.25				copper roofing covered						*
8002	753532.32	987577.97				copper roofing covered						*
8003	753532.52	987564.90				galvanized pipe 3/4in						*
8004	753527.39	987557.32				guy wire stake bent ov						on west side of grid
8005	753537.25	987542.33				in concrete road						*
8006	753535.33	987538.36				in concrete road						*
8007	753532.52	987532.87				in concrete road						*
8008	753539.13	987523.00				large bolt						*
8009	753535.73	987517.11				post buried to 2 ft						part of
8010	753535.73	987512.02				reinforcing wire						and
8011	753533.64	987505.56				steel rod 24inx1in						N-S linear
8012	753537.41	987493.62				steel stake 24in x 1 i						*
8013	753545.19	987508.01				not investigated						*
8014	753547.11	987502.92				not investigated						*
8015	753549.56	987495.14				not investigated						*
8016	753526.99	987488.89				not investigated						*
8017	753536.69	987482.79				not investigated						*
8018	753547.03	987485.77				not investigated						*
8019	753537.61	987460.26				not investigated						part of
8020	753538.77	987450.40				not investigated						E-W
8021	753540.26	987427.67				not investigated						linear trend
8022	753549.00	987432.40				not investigated						south side
8023	753540.50	987413.27				not investigated						of road
8024	753542.54	987389.18				not investigated						*
8025	753556.93	987392.39				not investigated						*
8026	753565.47	987392.18				not investigated						*
8027	753570.21	987395.43				not investigated						*
8028	753572.09	987390.10				not investigated						*
8029	753577.22	987390.86				not investigated						*
8030	753582.15	987392.18				not investigated						*
8031	753585.20	987396.55				not investigated						*
8032	753590.29	987392.95				not investigated						*
8033	753592.94	987392.59				not investigated						*
8034	753597.31	987392.18				not investigated						
8035	753599.59	987395.43				not investigated						
8036	753602.60	987392.02				not investigated						part of
8037	753611.70	987395.43				not investigated						drainage?
8038	753612.30	987391.26				not investigated						part
8039	753549.76	987585.55				not investigated						of
8040	753556.00	987585.05				not investigated						buried culvert
8041	753549.76	987577.77				not investigated						grate
8042	753547.27	987570.19				not investigated						*
8043	753549.92	987557.32				not investigated						*

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ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
8044	753556.77	987556.36				not investigated						beginning of
8045	753562.63	987556.00				not investigated						N-S trending
8046	753575.34	987583.86				not investigated						concrete
8047	753613.99	987582.54				not investigated						slab
8048	753613.99	987570.19				not investigated						located on the
8049	753613.99	987557.88				not investigated						east side
8050	753613.84	987542.85				not investigated						of grid
8051	753614.27	987527.78				not investigated						*
8052	753614.04	987515.88				not investigated						*
8053	753613.64	987506.54				not investigated						
8054	753613.84	987497.84				not investigated						
8055	753614.04	987478.97				not investigated						
8056	753613.41	987468.57				not investigated						
8057	753610.67	987465.80				not investigated						
8058	753561.31	987566.98				not investigated						
8059	753571.93	987573.80				not investigated						
8060	753577.42	987574.56				not investigated						
8061	753581.74	987577.55				not investigated						
8062	753597.51	987584.62				not investigated						
8063	753587.85	987585.19				not investigated						
8064	753594.86	987573.80				not investigated						
8065	753597.51	987570.59				not investigated						
8066	753605.17	987575.72				not investigated						
8067	753604.32	987566.02				not investigated						
8068	753605.29	987556.92				not investigated						
8069	753600.35	987553.91				not investigated						
8070	753604.88	987545.17				not investigated						spherical - large area
8071	753601.81	987541.78				not investigated						
8072	753581.39	987564.34				not investigated						
8073	753586.32	987565.82				not investigated						
8074	753589.53	987557.48				not investigated						
8075	753581.79	987551.99				not investigated						
8076	753549.92	987540.80				not investigated						
8077	753570.00	987545.58				not investigated						
8078	753572.49	987541.97				not investigated						
8079	753545.19	987535.71				not investigated						
8080	753566.80	987527.94				not investigated						
8081	753571.73	987533.03				not investigated						
8082	753577.78	987535.71				not investigated						
8083	753590.29	987538.16				not investigated						
8084	753604.68	987531.14				not investigated						
8085	753599.95	987532.87				not investigated						large area/elongated
8086	753603.20	987523.77				not investigated						

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ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
8087	753592.58	987518.43				not investigated						
8088	753590.13	987522.04				not investigated						
8089	753583.48	987517.87				not investigated						
8090	753570.00	987510.50				not investigated						
8091	753590.13	987511.06				not investigated						
8092	753601.28	987509.93				not investigated						
8093	753602.44	987498.75				not investigated						
8094	753597.11	987499.11				not investigated						part of E-W trend sout
8095	753592.58	987495.14				not investigated						
8096	753577.62	987497.59				not investigated						
8097	753577.40	987401.53				not investigated						
8098	753567.37	987487.31				not investigated						
8099	753584.60	987485.48				not investigated						
8100	753577.62	987482.63				not investigated						
8101	753581.95	987480.91				not investigated						
8102	753587.28	987480.91				not investigated						
8103	753601.12	987487.92				not investigated						
8104	753604.88	987480.55				not investigated						small
8105	753605.29	987475.62				not investigated						NE/SW trend
8106	753595.62	987467.44				not investigated						
8107	753592.78	987463.87				not investigated						
8108	753589.73	987467.28				not investigated						
8109	753579.87	987470.28				not investigated						
8110	753577.62	987465.55				not investigated						
8111	753557.70	987462.71				not investigated						
8112	753582.71	987463.87				not investigated						
8113	753592.02	987452.84				not investigated						
8114	753614.55	987451.72				not investigated						
8115	753613.22	987435.40				not investigated						
8116	753559.78	987451.72				not investigated						
8117	753557.34	987448.11				not investigated						
8118	753559.78	987439.21				not investigated						
8119	753569.84	987428.39				not investigated						
8120	753567.20	987424.98				not investigated						
8121	753559.98	987405.66				not investigated						
8122	753569.64	987415.88				nothing found						*
8123	753579.51	987410.79				nothing found						*
8124	753598.43	987407.94				m200 blanks						west of road
8125	753604.68	987411.91				m200 blanks						*
8126	753612.46	987405.86				m200 blanks						*

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Site 44A, Grid 44A-09

ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
9001	753697.24	987608.38				misc. scrap						
9002	753691.72	987598.90				fire hydrant						
9003	753683.48	987592.50				misc. scrap						
9004	753687.44	987586.38				fence post surface to 2						
9005	753678.00	987573.26				guy wire anchor						
9006	753680.12	987578.14				m200 blanks						
9007	753692.96	987574.46				misc. scrap						
9008	753705.48	987590.38				misc. scrap						
9009	753710.04	987594.02				contact in concrete roa						
9010	753715.52	987582.74				lead pipe						
9011	753728.04	987577.54				misc. scrap						
9012	753750.64	987572.94				aluminum pipe						
9013	753680.44	987544.22				misc. scrap						
9014	753683.20	987537.22				contact in concrete roa						
9015	753687.76	987536.90				contact in concrete roa						
9016	753679.84	987517.98				not investigated						*
9017	753682.56	987514.62				not investigated						concrete slab
9018	753690.80	987517.34				not investigated						influence or footing mate
9019	753690.52	987512.46				not investigated						*
9020	753808.64	987487.42				not investigated						some
9021	753813.84	987478.54				not investigated						separation
9022	753820.84	987477.62				not investigated						between
9023	753815.36	987467.86				not investigated						anomalies
9024	753815.36	987460.22				not investigated						*
9025	753820.24	987447.38				not investigated						
9026	753811.68	987449.22				not investigated						
9027	753772.60	987450.74				not investigated						
9028	753743.00	987450.14				not investigated						
9029	753706.36	987468.46				not investigated						
9030	753703.64	987477.94				not investigated						
9031	753683.20	987502.70				not investigated						concrete slab
9032	753680.44	987507.58				not investigated						influence or footing mate
9033	753680.12	987492.90				not investigated						*
9034	753680.44	987455.66				not investigated						
9035	753682.88	987453.18				not investigated						
9036	753687.76	987452.90				not investigated						
9037	753692.96	987452.90				not investigated						
9038	753682.88	987440.38				not investigated						
9039	753677.08	987420.50				not investigated						
9040	753679.84	987423.58				not investigated						
9041	753685.64	987422.66				not investigated						
9042	753689.60	987420.50				not investigated						
9043	753702.76	987404.94				not investigated						associated with

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Site 44A, Grid 44A-09

ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
9044	753705.20	987410.42				not investigated						hydrant water line?
9045	753717.68	987440.06				not investigated						
9046	753722.24	987422.66				not investigated						*
9047	753727.76	987420.82				not investigated						*
9048	753735.08	987423.58				not investigated						*
9049	753740.24	987425.38				not investigated						under
9050	753745.44	987422.94				not investigated						road
9051	753750.32	987425.70				not investigated						*
9052	753753.68	987422.94				not investigated						*
9053	753756.12	987425.38				not investigated						*
9054	753777.80	987423.86				not investigated						
9055	753806.80	987436.10				not investigated						
9056	753814.12	987401.26				not investigated						denotes alignment
9057	753757.64	987398.82				not investigated						of hydrant support
9058	753720.40	987400.06				not investigated						(actual hydrant location)
9059	753673.12	987395.78				not investigated						water line
9060	753671.60	987596.78				not investigated						denotes alignment
9061	753671.28	987534.78				not investigated						of concrete slab
9062	753671.60	987517.98				not investigated						anomaly
9063	753671.60	987471.54				not investigated						*

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Site 44A, Grid 44A-10

ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
10001	754316.55	987474.49				animal trap						
10002	754315.47	987527.36				5.56mm blank						
10003	754265.80	987621.36				reinforcing wire						
10004	754231.59	987594.11				reinforcing wire						
10005	754227.34	987596.78				reinforcing wire						
10006	754226.26	987592.53				5.56mm blank						
10007	754234.80	987583.45				3in long steel bolt						
10008	754238.01	987441.36				5.56mm blank						
10009	754188.34	987409.86				animal trap						
10010	754149.89	987510.28				reinforcing wire						*
10011	754168.05	987493.20				reinforcing wire						*
10012	754161.64	987470.20				reinforcing wire						*
10013	754149.89	987457.41				5.56mm blank						*
10014	754154.18	987454.20				in concrete road						Circular ring
10015	754144.01	987450.99				in concrete road						of
10016	754147.76	987439.78				steel pipe 3ft long						anomalies
10017	754160.05	987395.45				post buried to 2ft						
10018	754139.22	987397.03				7.62 blank with link						*
10019	754138.68	987401.86				small pieces of tin						*
10020	754134.93	987420.53				8in nail						(not in ring)
10021	754134.93	987431.78				reinforcing wire						*
10022	754122.64	987406.66				reinforcing wire						(not in ring)
10023	754111.97	987414.16				not investigated						(not in ring)
10024	754133.89	987439.78				not investigated						*
10025	754116.76	987450.99				not investigated						*
10026	754119.47	987489.99				not investigated						*
10027	754205.97	987627.78				not investigated						
10028	754203.84	987621.91				not investigated						
10029	754191.01	987641.11				not investigated						foundation
10030	754183.01	987642.20				not investigated						influence?
10031	754159.51	987642.74				not investigated						
10032	754147.76	987643.24				not investigated						Fire Hydrant
10033	754139.22	987602.11				not investigated						
10034	754148.30	987579.16				not investigated						
10035	754133.89	987575.95				not investigated						
10036	754128.01	987562.07				not investigated						
10037	754139.76	987564.20				not investigated						
10038	754106.64	987463.28				not investigated						E-W alignment
10039	754101.84	987469.70				not investigated						drainage or trench?
10040	754107.72	987483.57				not investigated						*
10041	754096.47	987486.78				not investigated						*
10042	754091.14	987492.11				not investigated						*
10043	754101.30	987500.11				not investigated						*

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Site 44A, Grid 44A-10

ANOMALY	EASTING	NORTHING	DIG_AZIMUT	DIG_DISTAN	DIG_DEPTH	NOMENCLATU	DIG_DATE	DIG_TIME	WEIGHT	CONDITION	FILLER	DISPOSITIO
10044	754108.76	987559.95				not investigated						culvert?
10045	754096.47	987568.49				not investigated						culvert?
10046	754100.76	987582.91				not investigated						E-W alignment
10047	754083.14	987439.24				not investigated						not in alignment
10048	754091.14	987446.70				not investigated						E-W alignment
10049	754091.68	987469.16				not investigated						E-W alignment
10050	754083.14	987526.28				not investigated						
10051	754085.80	987612.82				not investigated						
10052	754097.01	987642.74				not investigated						
10053	754148.84	987532.16				not investigated						NE-SW
10054	754169.14	987552.45				not investigated						alignment
10055	754200.09	987586.66				not investigated						axis
10056	754240.68	987619.74				not investigated						*

APPENDIX I

APPENDIX I

Video will be provided with Final Report.