

AFCEE
USACE
Seneca Army
Depot Activity
Romulus NY



COMPLETION REPORT
MUNITIONS RESPONSE AND CERCLA CLOSURE
SENECA ARMY DEPOT ACTIVITY

US Army Corps of Engineers



01108



**Air Force Center for
Environmental Excellence**



Seneca Army Depot Activity
Romulus, New York



COMPLETION REPORT
MUNITIONS RESPONSE AND CERCLA CLOSURE
SENECA ARMY DEPOT ACTIVITY

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PARSONS

APRIL 2007

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COMPLETION REPORT

MUNITIONS RESPONSE

SEAD 002-R-01, SEAD 57, SEAD 46 AND SEAD 007-R-01

**SENECA ARMY DEPOT ACTIVITY,
ROMULUS, NEW YORK**

April 2007

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LIST OF ABBREVIATIONS

AFCEE	Air Force Center for Environmental Excellence
APHE	Armor Piercing High Explosive
ASR	Archive Search Report
BCT	Base Clean-up Team
BEC	Base Environmental Coordinator
BIP	Blown In Place
BRAC	Base Realignment and Closure
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CWM	Chemical Warfare Materials
DDESB	Department of Defense Explosives Safety Board
DGM	Digital Geophysical Mapping
DoD	Department of Defense
EE/CA	Engineering Evaluation/Cost Analysis
EM61-MKII	Electromagnetic Locator
EOD	Explosive Ordnance Disposal
ESS	Explosive Safety Submission
HE	High Explosive
IDA	Industrial Development Agency
IRFNA	Inhibited Red Fuming Nitric Acid
LAW	Light Anti-Tank Weapon
MD	Munitions Debris
MEC	Munitions and Explosives of Concern
MGFD	Munition with Greatest Fragment Distance
MPPEH	Material Potentially Presenting an Explosive Hazard
MSD	Minimum Separation Distance
NEW	Net Explosive Weight
OB/OD	Open Burning/Open Detonation
OD	Open Detonation

LIST OF ABBREVIATIONS (continued)

OE	Ordnance and Explosives
OSHA	Occupational Safety and Health Administration
PAED	Public Access Exclusion Distance
QA	Quality Assurance
QC	Quality Control
RAB	Restoration Advisory Board
RTK GPS	Real Time Kinematics Global Positioning System
SEDA	Seneca Army Depot Activity
SRA	Saturated Response Area
SSHP	Site Safety and Health Plan
SUXO	Senior UXO Supervisor
USACE	U.S. Army Corps of Engineers
UXO	Unexploded Ordnance

<u>Consolidated Definitions</u>
<u>Anomaly Avoidance.</u> Techniques employed on property known or suspected to contain UXO, other munitions that may have experienced abnormal environments (e.g., DMM), munitions constituents in high enough concentrations to pose an explosive hazard, or CA, regardless of configuration, to avoid contact with potential surface or subsurface explosive or CA hazards, to allow entry to the area for the performance of required operations.
<u>Chain of Custody.</u> The activities and procedures taken throughout the inspection, re-inspection and documentation process to maintain positive control of MPPEH to ensure the veracity of the process used to determine the status of material as to its explosive hazard. This includes all such activities from the time of collection through final disposition.
<u>Chemical Agent (CA).</u> A chemical compound (to include experimental compounds) that, through its chemical properties produces lethal or other damaging effects on human beings, is intended for use in military operations to kill, seriously injure, or incapacitate persons through its physiological effects. Excluded are research, development, testing and evaluation (RDTE) solutions; riot control agents; chemical defoliants and herbicides; smoke and other obscuration materials; flame and incendiary materials; and industrial chemicals.
<u>Chemical Agent (CA) Hazard.</u> A condition where danger exists because CA is present in a concentration high enough to present potential unacceptable effects (e.g., death, injury, damage) to people, operational capability, or the environment.
<u>Chemical Agent (CA) Safety.</u> A condition where operational capability and readiness, people, property, and the environment are protected from the unacceptable effects or risks of a mishap involving chemical warfare material (CWM) and CA in other than munitions configurations.
<u>Chemical Warfare Material (CWM).</u> Items generally configured as a munition containing a chemical compound that is intended to kill, seriously injure, or incapacitate a person through its physiological effects. CWM includes V- and G-series nerve agents or H-series (mustard) and L-series (Lewisite) blister agents in other-than-munition configurations; and certain industrial chemicals (e.g., hydrogen cyanide (AC), cyanogen chloride (CK), or carbonyl dichloride (called phosgene or CG)) configured as a military munition. Due to their hazards, prevalence, and military-unique application, chemical agents identification sets (CAIS) are also considered CWM. CWM does not include: riot control devices; chemical defoliants and herbicides; industrial chemicals (e.g., AC, CK, or CG) not configured as a munition; smoke and other obscuration producing items; flame and incendiary producing items; or soil, water, debris or other media contaminated with low concentrations of chemical agents where no CA hazards exist.
<u>Chemical Warfare Material (CWM) Response.</u> Munitions responses and other responses to address the chemical safety; explosives safety, when applicable; human health; or environmental risks presented by CA-filled munitions and CA in other than munitions configurations. (See munitions response.)
<u>Construction Support.</u> Assistance provided by DoD BOD or UXO-qualified personnel and/or by personnel trained and qualified for operations involving CA, regardless of configuration, during intrusive construction activities on property known or suspected to contain UXO, other munitions that may have experienced abnormal environments (e.g., DMM), munitions constituents in high enough concentrations to pose an explosive hazard, or CA, regardless of configuration, to ensure the safety of personnel or resources from any potential explosive or CA hazards.
<u>Cultural Debris.</u> Debris found on operational ranges or munitions response sites, which may be removed to facilitate a range clearance or munitions response, that is not related to munitions or range operations. Such debris includes, but is not limited to: rebar, household items (refrigerators, washing machines, etc.), automobile parts and automobiles that were not associated with range targets, fence posts, and fence wire.
<u>Defense Sites.</u> Locations that are or were owned by, leased to, or otherwise possessed or used by the Department of Defense. The term does not include any operational range, operating storage or manufacturing facility, or facility that is used for or was permitted for the treatment or disposal of military munitions. (10 U.S.C. 2710(e)(1))
<u>Discarded Military Munitions (DMM).</u> Military munitions that have been abandoned without proper disposal or removed from storage in a military magazine or other storage area for the purpose of disposal. The term does not include unexploded ordnance, military munitions that are being held for future use or planned disposal, or military munitions that have been properly disposed of, consistent with applicable environmental laws and regulations. (10 U.S.C. 2710(e)(2))
<u>Disposal.</u> End of life tasks or actions for residual materials resulting from demilitarization or disposition operations.
<u>Disposition.</u> The process of reusing, recycling, converting, redistributing, transferring, donating, selling, demilitarizing, treating, destroying, or fulfilling other life-cycle guidance, for DoD property.

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<p>Documentation of the Explosives Safety Status of Material. Documentation stating that material: (1) does not present an explosive hazard and is considered safe for unrestricted transfer within or release from DoD control, or (2) is MTRPH, with the known or suspected explosive hazards noted, that is only transferable or releasable to a qualified receiver. This documentation must be signed by a technically qualified individual with direct knowledge of: (1) the results of both the material's 100 percent inspections and 100 percent re-inspection or of the approved process used and the appropriate level of re-inspection, and (2) the veracity of the chain-of-custody for the material. This signature is followed by the signature of another technically qualified individual who inspects the material on a standing basis (sampling procedures are determined by DoD entity that is inspecting the material).</p> <p>Environmental Requirements and Safety Officials. Inspectors, but may not be limited to environmental regulator, environmental coordinators or hazardous material coordinators, law enforcement officers, and safety personnel of the U.S. Environmental Protection Agency (USEPA), American Indians and Alaska Natives, other Federal Land Managers, and/or the State. When appropriate, public health officials of various agencies may also be involved.</p> <p>Explosive Hazard. A condition where danger exists because explosives are present that may result (e.g., detonate, deflagrate) in a mishap with potential unacceptable effects (e.g., death, injury, damage) to people, property, operational capability, or the environment.</p> <p>Explosive Ordnance Disposal (EOD). The detection, identification, on-site evaluation, rendering safe, recovery, and final disposal of unexploded ordnance and of other munitions that have become an impending danger, for example, by dunnage or deactivators.</p> <p>Explosive Ordnance Disposal (EOD) Personnel. Military personnel who have graduated from the Naval School Explosive Ordnance Disposal; are assigned to a military unit with a Service-defined EOD mission; and meet Service and assigned unit requirements to perform EOD duties. EOD personnel have received specialized training to address explosive and certain CA hazards during both peacetime and wartime. EOD personnel are trained and equipped to perform Remote Sabe Procedures (RSP) on nuclear, biological, chemical, and conventional munitions, and on improvised explosive devices.</p> <p>Explosive Ordnance Disposal (EOD) Unit. A military organization commissioned by proper authority; manned with EOD personnel; outfitted with equipment required to perform EOD functions; and assigned an EOD mission.</p> <p>Explosives or Munitions Management Response. All immediate response activities by an explosives and munitions emergency response specialist to control, mitigate, or eliminate the actual or potential threat encountered during an explosives or munitions emergency. An explosives or munitions emergency response may include in-place ready-site procedures, treatment or destruction of the explosives or munitions, and/or transporting those items to another location to be rendered safe, treated, or destroyed. Any reasonable delay in the completion of an explosives or munitions emergency response caused by a necessary, unforeseen, or uncontrollable circumstance will not terminate the explosives or munitions emergency. Explosives and munitions emergency responses can occur on either public or private lands and are not limited to responses at RCRA facilities. (Military Munitions Rule, 40 CFR 260.10)</p> <p>Explosives Safety. A condition where operational capability and readiness, people, property, and the environment are protected from the unacceptable effects or risks of potential mishaps involving military munitions.</p> <p>Explosives Holding Facility (EHF). A temporary storage facility designed to hold recovered chemical warfare material (RCWM).</p> <p>Lead Use Controls (LUC). LUC are physical, legal, or administrative mechanisms that restrict the use of, or limit access to, real property, to manage risks to human health and the environment. Physical mechanisms encompass a variety of engineered remedies to contain or reduce contamination and/or physical barriers to limit access to real property, such as fences or signs.</p> <p>Lead-Term Management (LTM). The period of site management (including maintenance, monitoring, record keeping, 3-year reviews, etc.) initiated after response (removal or remedial) objectives have been met (i.e., after Response Complete).</p> <p>Material Potentially Constituting an Explosive Hazard (MPPEH). Material potentially containing explosives or munitions (e.g., munition containers and packaging material; munition debris remaining after munitions use, demilitarization, or disposal; and range-related debris); or material potentially containing a high enough concentration of explosives such that the material presents an explosive hazard (e.g., equipment, damage systems, loading tanks, piping, or ventilation ducts that were associated with munition production, demilitarization or disposal operations). Excluded from MPPEH are munitions within DoD's established munitions management system and other hazardous items that may present explosion hazards (e.g., gasoline cans, compressed gas cylinders) that are not munitions and are not intended for use as munitions.</p>

<p>Military Munitions. Military munitions means all ammunition products and components produced for or used by the armed forces for national defense and security, including ammunition products or components under the control of the Department of Defense, the Coast Guard, the Department of Energy, and the National Guard. The term includes confined gaseous, liquid, and solid propellants; explosives, pyrotechnics, chemical and riot control agents, smokes, and incendiaries, including bulk explosives, and chemical warfare agents; chemical munitions, rockets, guided and ballistic missiles, bombs, warheads, mortar rounds, artillery ammunition, small arms ammunition, grenades, mines, torpedoes, depth charges, cluster munitions and dispensers, demolition charges; and devices and components thereof.</p> <p>The term does not include wholly inert items; improvised explosive devices; and nuclear weapons, nuclear devices, and nuclear components, other than nonnuclear components of nuclear devices that are managed under the nuclear weapons program of the Department of Energy after all required sanitization operations under the Atomic Energy Act of 1954 (42 U.S.C. 2011 et seq.) have been completed. (10 U.S.C. 101(e)(4)(A) through (C))</p>
<p>Military Munitions Burial Site. A site, regardless of location, where military munitions or CA, regardless of configuration, were intentionally buried, with the intent to abandon or discard. This term includes burial sites used to dispose of military munitions or CA, regardless of configuration, in a manner consistent with applicable environmental laws and regulations or the national practice at the time of burial. It does not include sites where munitions were intentionally covered with earth during authorized destruction by detonation, or where in-situ capping is implemented as an engineered remedy under an authorized response action.</p>
<p>Minimum Separation Distance (MSD). MSD is the distance at which personnel in the open must be from an intentional or unintentional detonation.</p>
<p>Munition with the Greatest Fragmentation Distance (MGFD). The munition with the greatest fragment distance that is reasonably expected (based on research or characterization) to be encountered in any particular area.</p>
<p>Munitions and Explosives of Concern (MEC). This term, which distinguishes specific categories of military munitions that may pose unique explosives safety risks means: (A) Unexploded ordnance (UXO), as defined in 10 U.S.C. 101(e)(5); (B) Discarded military munitions (DMM), as defined in 10 U.S.C. 2710(e)(2); or (C) Munitions constituents (e.g., TNT, RDX), as defined in 10 U.S.C. 2710(e)(3), present in high enough concentrations to pose an explosive hazard.</p>
<p>Munitions Constituents (MC). Any materials originating from unexploded ordnance (UXO), discarded military munitions (DMM), or other military munitions, including explosive and non-explosive materials, and emission, degradation, or breakdown elements of such ordnance or munitions. (10 U.S.C. 2710(e)(3)).</p>
<p>Munitions Debris. Remnants of munitions (e.g., fragments, penetrators, projectiles, shell casings, links, fins) remaining after munitions use, demilitarization, or disposal.</p>
<p>Munitions Response. Response actions, including investigation, removal actions and remedial actions to address the explosives safety, human health, or environmental risks presented by unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC), or to support a determination that no removal or remedial action is required.</p>
<p>Munitions Response Area (MRA). Any area on a defense site that is known or suspected to contain UXO, DMM, or MC. Examples include former ranges and munitions burial areas. A munitions response area is comprised of one or more munitions response sites.</p>
<p>Munitions Response Site (MRS). A discrete location within an MRA that is known to require a munitions response.</p>
<p>Mutual Agreement. A meeting of the minds on a specific subject, and a manifestation of intent of the parties to do or refrain from doing some specific act or acts. Inherent in any mutual agreement or collaborative process are the acknowledgement of each member's role in the process and their differing views of their authorities. The mutual agreement process will provide a means of resolving differences without denying the parties an opportunity to exercise their respective authorities should mutual agreement fail to be achieved.</p>
<p>One Percent Lethality Distance. A distance calculated from a given CA Maximum Credible Event (MCE) and meteorological conditions (temperature, wind speed, Pasquill stability factor) and established as the distance at which dosage from that MCE agent release would be 150 mg-min/m³ for H and HD agents, 75 mg-min/m³ for HT agent, 150 mg-min/m³ for Lewisite, 10 mg-min/m³ for GB agent, 4.3 mg-min/m³ for VX vapor, and 0.1 mg-min/m³ for inhalation and deposition of liquid VX.</p>

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<p>On-call Construction Support. Construction support provided, on an as needed basis, where the probability of encountering UXO, other munitions that may have experienced abnormal environments (e.g., DMM), munitions constituents in high enough concentrations to pose an explosive hazard, or CA, regardless of configuration, has been determined to be low. This support can respond from off-site when called, or be on-site and available to provide required construction support.</p>
<p>On-site Construction Support. Dedicated construction support, where the probability of encountering UXO, other munitions that may have experienced abnormal environments (e.g., DMM), munitions constituents in high enough concentrations to pose an explosive hazard, or CA, regardless of configuration, has been determined to be moderate to high.</p>
<p>On-the-Surface. A situation in which UXO, DMM or CA, regardless of configuration, are: (A) entirely or partially exposed above the ground surface (i.e., the top of the soil layer); or (B) entirely or partially exposed above the surface of a water body (e.g., because of tidal activity).</p>
<p>Open Burn (OB). An open-air combustion process by which excess, unserviceable, or obsolete munitions are destroyed to eliminate their inherent explosive hazards.</p>
<p>Open Detonation (OD). An open-air process used for the treatment of excess, unserviceable or obsolete munitions whereby an explosive donor charge initiates the munitions being treated.</p>
<p>Operational Range. A range that is under the jurisdiction, custody, or control of the Secretary of Defense and that is used for range activities; or although not currently being used for range activities, that is still considered by the Secretary to be a range and has not been put to a new use that is incompatible with range activities. (10 U.S.C. 101(e)(3)(A) and (B)). Also includes "military range," "active range," and "inactive range" as those terms are defined in 40 CFR §246.201.</p>
<p>Primary Explosives. Primary explosives are highly sensitive compounds that are typically used in detonators and primers. A reaction is easily triggered by heat, spark, impact or friction. Examples of primary explosives are lead azide and mercury fulminate.</p>
<p>Public Access Exclusion Distance (PAED). The PAED is defined as longest distance of the hazardous fragment distance, inhabitable building distance (IBD) for overpressure, or the One Percent Lethality Distance. For siting purposes, the PAED is analogous to the IBD for explosives; therefore, personnel not directly associated with the chemical operations are not to be allowed within the PAED.</p>
<p>Qualified Receiver. Entities that have personnel who are, or individuals who are, trained and experienced in the identification and safe handling of used and unused military munitions, and any known or potential explosive hazards that may be associated with the MPEEH they receive; and are licensed and permitted or otherwise qualified to receive, manage, and process MPEEH.</p>
<p>Range. A designated land or water area that is set aside, managed, and used for range activities of the Department of Defense. The term includes firing lines and positions, maneuver areas, firing lanes, test pads, detonation pads, impact areas, electronic scoring sites, buffer zones with restricted access, and exclusionary areas. The term also includes airspace areas designated for military use in accordance with regulations and procedures prescribed by the Administrator of the Federal Aviation Administration. (10 U.S.C. 101(e)(1)(A) and (B))</p>
<p>Range activities. Research, development, testing, and evaluation of military munitions, other ordnance, and weapons systems; and the training of members of the armed forces in the use and handling of military munitions, other ordnance, and weapons systems. (10 U.S.C. 101(e)(2)(A) and (B))</p>
<p>Range Clearance. The destruction, or removal and proper disposition of used military munitions (e.g., unexploded ordnance (UXO) and munitions debris) and other range-related debris (e.g., target debris, military munitions packaging and crating material) to maintain or enhance operational range safety or prevent the accumulation of such material from impeding or preventing operational range use. "Range clearance" does not include removal, treatment, or remediation of chemical residues or munitions constituents from environmental media, nor actions to address discarded military munitions (e.g., burial pits) on operational ranges.</p>
<p>Range-Related Debris. Debris, other than munitions debris, collected from operational ranges or from former ranges (e.g., target debris, military munitions packaging and crating material).</p>
<p>Recovered Chemical Warfare Material (RCWM). CWM used for its intended purpose or previously disposed of as waste, which has been discovered during a CWM response or by chance (e.g., accidental discovery by a member of the public), that DoD has either secured in place or placed under DoD control, normally in a DDESB-approved storage location or interim holding facility, pending final disposition.</p>

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<p>Render Safe Procedures (RSP). The portion of EOD procedures that involves the application of special disposal methods or tools to interrupt the functioning or otherwise defeat the firing train of UXO from triggering an unacceptable detonation.</p>
<p>Secondary Explosives. Secondary explosives are generally less sensitive to initiation than primary explosives and are typically used in booster and main charge applications. A severe shock is usually required to trigger a reaction. Examples are TNT, cyclo-1,3,5-trimethylene-2,4,6-trinitramine (RDX or cyclonite), HMD, and tetryl.</p>
<p>Small Arms Ammunition. Ammunition, without projectiles that contain explosives (other than tracers), that is .50 caliber or smaller, or for shotguns.</p>
<p>Team Separation Distance (TSD). The distance that munitions response teams must be separated from each other during munitions response activities involving intrusive operations.</p>
<p>Technical Escort Unit (TEU). A DoD organization manned with specially trained personnel that provide verification, sampling, detection, mitigation, render safe, decontamination, packaging, escort and remediation of chemical, biological and industrial devices or hazardous material.</p>
<p>Technology-aided Surface Removal. A removal of UXO, DMD or CWM on the surface (i.e., the top of the soil layer) only, in which the detection process is primarily performed visually, but is augmented by technology aids (e.g., hand-held magnetometers or metal detectors) because vegetation, the weathering of UXO, DMD or CWM, or other factors make visual detection difficult.</p>
<p>Time Critical Removal Action (TCRA). Removal actions where, based on the site evaluation, a determination is made that a removal is appropriate, and that less than 6 months exists before on-site removal activity must begin. (40 CFR 300.5)</p>
<p>Unexploded Ordnance (UXO). Military munitions that (A) have been primed, fused, armed, or otherwise prepared for action; (B) have been fired, dropped, landed, projected, or placed in such a manner as to constitute a hazard to operations, installations, personnel, or material; and (C) remain unexploded whether by malfunction, design, or any other cause. (10 U.S.C. 101(e)(5)(A) through (C))</p>
<p>UXO Technicians. Personnel who are qualified for and filling Department of Labor, Service Contract Act, Directory of Occupations, contractor positions of UXO Technician I, UXO Technician II, and UXO Technician III.</p>
<p>UXO-Qualified Personnel. Personnel who have performed successfully in military EOD positions, or are qualified to perform in the following Department of Labor, Service Contract Act, Directory of Occupations, contractor positions: UXO Technician II, UXO Technician III, UXO Safety Officer, UXO Quality Control Specialist, or Senior UXO Supervisor.</p>
<p>Venting. Exposing any internal cavities of MPPEH, to include training or practice munitions (e.g., concrete bombs), using DDESB- or DoD Component-approved procedures, to confirm that an explosive hazard is not present.</p>

1.1 INTRODUCTION

Parsons received Contract No. FA8903-04-D-8675, Delivery Order No. 0026, from the Air Force Center for Environmental Excellence (AFCEE) to conduct Munitions Response at Seneca Army Depot in Romulus New York. This Completion Report summarizes and documents the ordnance removal activities performed by Parsons at the former Seneca Army Depot Activity (SEDA) sites included in this task order. These sites are the Former EOD Range (SEAD 57), the Former 3.5 inch Rocket Range (SEAD 46), the Former Rifle Grenade Range (SEAD 007-R-01), the Former EOD Area 2 and the Former EOD Area 3 (SEAD 002-R-001).

The objective of this project was the removal of Material Potentially Presenting an Explosive Hazard (MPPEH) from the four sites so that the property can be released by the U.S. Department of Defense (DOD) for transfer.

All MPPEH removal activities were performed in accordance with the U.S. Department of Defense Explosive Safety Board (DDESB) approved ESS dated 8/18/2006. This report documents MPPEH removal activities completed for these sites.

1.2 BACKGROUND

SEDA is a former US Army facility located in New York State, within Seneca County in the town of Romulus. SEDA occupies approximately 10,600 acres (Figure 1-1). 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 and rural in nature.

SEDA was included on the Federal Facilities National Priorities List on July 13, 1989. Consequently, all work to be performed under this contract will be performed according to Comprehensive Environmental Response Compensation and Liability Act (CERCLA) and the "Federal Facility Agreement under CERCLA Section 120 in the matter of Seneca Army Depot, Romulus, New York."

In 1995 SEDA was added to the Base Realignment and Closure List and was officially closed in 1999. The Seneca County Industrial Development Agency (IDA) has prepared a reuse plan entitled "Seneca Army Depot Reuse Plan and Implementation Strategy". This plan outlines the reuse potential of the installation for housing developments, industrial development, institutional and conservation/recreation uses upon transfer.

1.3 SITE DESCRIPTION

The four sites included under this task order make up an area of approximately 163 acres within the 10,587-acre SEDA property in Romulus, New York. The Site Map showing the sites included in this project and the locations of the storage magazines are presented on Figure 1-2.

Former 3.5-inch Rocket Range (SEAD 46)

SEAD 46 consists of approximately 45 acres on the north side of the Depot due east of the Ammunition Storage Area (Figure 1-3). Although the Archive Search Report (ASR) described

SEAD 46 as a 3.5" Rocket Range, it includes a reputed EOD disposal site as well as a known Reserve Component Training Area. The Army has a historic photo of a 3.5" motor fixed to a tripod in front of the berm. It's likely that SEAD 46 was used as a function testing range.

As part of the Ordnance and Explosives Engineering Evaluation and Cost Analysis (OE EE/CA), geophysical surveys and intrusive investigations were conducted in 2000 at SEAD 46. A total of 43% of the 40 acres was surveyed and 1,155 anomalies were investigated. 478 contained munitions debris and 10 of these were MPPEH (material potentially presenting an explosive hazard). The majority of MPPEH recovered (M4071A 40mm practice grenades) were located at the south end, opposite the target berm. This probably reflects the site's use as a local training area in 1980's and 1990's.

During the Geophysical Investigation conducted by Shaw (April 2005) of SEAD 46 and 57, approximately 27 acres of SEAD 46 were digitally mapped. There was one area where the digital geophysical mapping (DGM) survey detected anomaly densities greater than 600 anomalies per acre. Areas that are saturated with anomalies or have more than 600 per acre are considered saturated response areas (SRAs). There was one SRA identified to the west of the berm at SEAD 46. This area is approximately one acre in size. In addition to the identification of the SRA, a total of 98 anomalies were intrusively investigated by Shaw. The results of this investigation were 32 aluminum munitions debris (MD) items, 6 ferrous MD items, 60 CD items with no MPPEH items were found.

Former EOD Range (SEAD 57)

SEAD 57, formerly known as EOD #1, consists of approximately 79 acres at the northwestern end of Depot immediately adjacent and south of the Open Burning/Open Detonation Grounds (435 acres) (Figure 1-4a). An earthen berm is located in the center of the SEAD 57 area. The 143d Explosives Ordnance Detachment (EOD) was a Department of Army tenant organization located at Seneca Army Depot and performed ordnance and explosives (OE) disposal by detonation for more than 20 years, was assigned to this demolition area.

As part of the OE EE/CA (Parsons, February 2004), geophysical surveys and intrusive investigations were conducted at SEAD 57. A total of 23% of the 60 acres were mapped, 1,700 anomalies were investigated and 954 recovered items were classified as munitions debris. Three of these were determined to be MEC. The three items were one MK2 grenade and two 20mm projectiles. During the surface sweep for the EE/CA, a 37mm APHE item was found at ground surface near the abandoned ammunition disassembly area across the road from the site. During the intrusive portion of the EE/CA investigation, all MD and MEC items identified were encountered between the ground surface and six inches below the surface.

During the Geophysical Investigation of SEAD 57 conducted by Shaw (April 2005), approximately 22.5 acres of SEAD 57 were digitally mapped. The results indicated six SRAs at SEAD 57. The largest is an approximate 400-foot radius ejection spray pattern radiating out from the demo berm with the greatest concentration to the west of the SEAD 57 berm. A total of 13 acres of SRA were found at SEAD 57. During the Shaw investigation a total of 75 anomalies were intrusively investigated at SEAD 57. From these 75 anomalies were four MPPEH items (a 75mm, a 75mm AP, a

105mm and an unknown bomb) were found. These items were determined to be MD following venting. Only one MD item was discovered below 6 inches in depth.

Additionally, approximately 40 acres of heavy vegetation within a 1800 foot radius of SEAD 57 were partially investigated by clearing and grubbing ten foot wide transects every fifty feet in the heavily wooded area. Using this method Shaw cleared 17,000 liner feet of these transects using the “mag and flag” technique. The results of this investigation were four MPPEH items and 43 MD items.

Grenade Range (SEAD 007-R-01)

The Grenade Range (SEAD 007-R-01) consists of a 30-acre Security Force Practice Range immediately south of SEAD 57 which was constructed during the mid 1980’s (Figure 1-5). The range contained wooden and armored vehicle targets, distance, boundary markers, and the range control tower. The ASR states that 40mm M407A1 and 35mm M73 sub-caliber practice LAW were used at the site for security forces training. There is no record (or indication at the targets) that HE rounds were used. Small arms (blanks) casings were reported to be present at the time of the ASR in 1998.

The OE EE/CA for the Grenade Range was finalized in February of 2004. During the OE EE/CA, 15 acres was geophysically mapped at the Grenade Range using an EM-61 instrument. In addition to the 15 acres (65 grids), the EM-61 was used to sample 10% of the area between the firing line and the target area. Relocation and verification of DGM targets during the EE/CA investigated 865 DGM targets in the Grenade Range area. This intrusive investigation resulted in 102 MPPEH items (101 35 mm sub-cal LAW M73, and 1 Rifle Grenade M407A1, Practice) and numerous munitions debris items.

EOD Areas 2 and 3 (SEAD 002-R-01)

The EOD Areas 2 and 3 (SEAD-002-R-01) are both located to the northwest of SEAD 46. EOD Area 2 is located on the western shore of the Duck Pond to the west of SEAD 46 as shown on Figure 1-6. The 1998 ASR states that explosive devices were used in this area, and non-explosive projectiles were thrown in the water at the Duck Pond. The EOD Area 3 is located 250 feet to the north of the earthen berm in SEAD 46 as shown on Figure 1-7. The 2.5 acre area is mostly flat with the exception of a 100 by 200 foot depression in the middle of the site. This site was reported in the 1999 ASR as an EOD disposal area.

1.4 PROJECT OBJECTIVES

Site specific objectives include the following:

- Identify, investigate and remove MPPEH to a depth of 4 feet based on previous and newly conducted geophysical surveys.
- Remove and dispose of any remaining MD, MPPEH and cultural debris (CD) generated during the removal effort.

1.5 PRIOR ORDNANCE AND EXPLOSIVES SITEWORK AND SUPPORT ACTIVITIES

The U.S Department of Defense Base Realignment and Closure Ordnance and Explosives Archives Search Report identified numerous sites including the four sites in this project for further consideration in 1998 (ASR 1998). In 2000, Parsons conducted an Ordnance Engineering Evaluation and Cost Assessment (February 2004) for eleven ordnance sites at Seneca Army Depot including the sites in this project. Additional investigation was conducted at SEAD 46 and 57 by the Shaw Group and the results were presented in the Geophysical Investigation Munitions Destruction Areas SEADs 46 & 57, Seneca Army Depot Activity, April 2005. The previous investigations defined the presence, density and extent of ordnance contamination at these sites. This information was used to support this project.

2.0 SITEWORK

All site work for the Munitions Response project can be broken down to two activities. The first is the geophysical mapping and intrusive investigations of selected targets know as the intrusive investigation and the second is the physical removal and sorting of SRA soil from areas where individual anomaly locations cannot be identified in the geophysical data.

2.1 MOBILIZATION

Parsons mobilized personnel, equipment, materials, and subcontractors to SEDA starting on May 7, 2006, to perform site work and MPPEH removal activities following the Notice to Proceed. The field team consisted of a Site Manager, Site Safety and Health Officer/Quality Control Officer (UXOQC), Geophysical data collection/reacquisition teams, two dig teams and a Senior UXO Supervisor (SUXOS). This included mobilization of ordnance disposal subcontractor USA Environmental (USA), and site work subcontractor Sevenson Environmental Services Inc. (Sevenson)

All earthmoving equipment that was utilized during the MPPEH removal effort was fitted with 2-inch Plexiglas® protective shields in order to protect the operator from fragment hazards due to unintentional detonations.

2.2 SITE PREPARATION

Following mobilization of equipment and personnel, all open areas were mowed to 8 inches to allow the anomaly investigation team's unrestricted access to the work site. The soil screening equipment was set up at SEAD 57 since 90 percent of the soil planned for excavation was situated there. Once the SEAD 57 screening equipment work area was established, the dig teams performed a surface sweep and investigated all the identified anomalies in the lay down area. After site setup was completed, all other work zones and support zones were established to ensure that independent team separation distance of 200 foot distances could be maintained.

2.3 SOIL EXCAVATION

The best method of MPPEH removal for high density anomaly areas was thought to be excavation of SRA soil followed by mechanical screening of the excavated material to remove MPPEH and MD. The SRAs were presumed to contain ferrous MPPEH and MD. The mechanical screening process was abandoned after intrusive investigations and material processing determined MD to be non-ferrous. As the intrusive investigation moved towards identifying the source of the SRA, it was determined that cause of the SRA was the high percentage of aluminum MD and not the presence of ferrous MD and MPPEH that was anticipated. The mechanical screening process was abandoned after intrusive investigations and material processing determined the majority of the MD to be non-ferrous.

Initially, excavation was planned for several areas at SEAD 46 and 57:

- A saturated response area northwest of the SEAD 46 backstop (SEAD 46 SRA);
- Front face of the back stop berm at SEAD 46 (SEAD 46 berm);

- SEAD 57 kick out area extending away from the SEAD 57 berm predominantly in the northwest direction to 250 feet (SEAD 57 kick out);
- Interior face of the SEAD 57 horseshoe berm (SEAD 57 berm); and
- A saturated response area north west of the SEAD 57 berm (SEAD 57 SRA).

Generally, soil was to be excavated to a depth of 6 inches unless otherwise indicated with equipment shielded according to requirements presented in the ESS.

SEAD 46 SRA

In the one acre SRA to the northwest of SEAD 46, fourteen 3 foot by 10 foot test pits totaling 24 cys were excavated in the SEAD 46 SRA to investigate the source of the saturated geophysical response. These test pits revealed only non-military cultural debris (CD) such as broken pottery and glass, animal bones and rusted farm debris. It is believed that this area is a dump site that predates the creation of the Army depot likely placed there prior to 1942. The test pits were backfilled and a surface sweep of the area was performed by the SUXOS and dig teams to verify no MPPEH was present within the boundaries of this SRA. It was confirmed and this area was considered free of MPPEH. The remainder of the previously identified EM anomalies in this area were found to be cultural debris and small arms MD.

SEAD 46 Berm

Twelve inches of soil totaling 298 cys was excavated from the front face of the berm at SEAD 46. After the first foot of soil was removed and transported to the lay down area, the dig teams and SUXOS swept the front face and remainder of the hill with a Fisher metal detector to determine if most of the metallic debris had been removed during the initial excavation. As a result of the sweep, only non-military small arms (0.50 caliber bullets and other assorted bullets) and cultural debris were encountered. To further investigate this area, a deeper test pit was excavated in the center of the berm since soil staining was observed. A wooden stand was removed, and it is believed based on historic photographs that this test stand was used to hold the rocket motor of the 3.5" rocket for function testing of the motor assembly. No 3.5" rocket warheads or motors were found at this site, only what appears to be the function tests stand built into the backstop. The SUXOS determined that no MPPEH was present in the remainder of the SEAD 46 berm.

SEAD 57 SRA

Excavation was planned for a 12 acre area surrounding the berm at SEAD 57. Initially, a small portion of the total area was excavated using a shielded excavator. A total of 532 cy of material was excavated and stockpiled. During excavation, aluminum fragments similar to those found outside the planned excavation area were found in the excavated material. These aluminum fragments were determined to be from the M-123 photo flash pyrotechnic device. SEAD 57 was used to dispose of an unknown quantity of these devices.

An alternative clearance process was employed upon determination that the majority of anomalies were non-ferrous, aluminum fragments from flares and photoflash devices. A magnetometer survey

was performed on this SRA and all anomalies detected by the magnetometer in this area were investigated. Of the 1164 targets investigated in the SEAD 57 magnetometer survey 1036 were cultural debris, 117 were MD and 11 were MPPEH later determined to be MD after venting.

SEAD 57 Berm

Twelve inches of soil totaling 126 cys was removed from the surface of the SEAD 57 berm using a shielded excavator. Following removal of the soil from the berm area, the entire berm (interior and exterior face) and interior floor was surveyed using a Fisher all-metal detector for any remaining MPPEH/MD.

The post-excavation sweep found evidence of pyrotechnic flares and an empty 155 mm projectile. The flares were later determined to be Mk25 drift signals that had been previously subjected to an open burning procedure, with only the empty case and the flotation chamber intact. The 155 mm projectile consisted of the case only, and it was badly damaged from previous demolition procedures.

Charcoal and charred soil was discovered in the center of the berm floor. This area was over excavated down to the bedrock to remove all of the burned material and stained soil. In the remains of this burn pit were several M73 LAW rocket motors, M25 drift signal cases and various linked ammunition all in the unfired blank configuration. The burn pit excavation totaled 42 cys of material.

All excavated material was transported to the SEAD 57 soil screening area for processing.

2.4 SOIL SCREENING AND PROCESSING

The objective of the soil screening process was to separate ferrous MPPEH and MD from the excavated soil removed from SEAD 57 and 46 SRA.

As a trial run for the screening plant, approximately 10 cys of stockpile material from SEAD 57 was run through the plant to determine the optimum throughput for the separation process. Based on this test run, it was determined that the screening plant would not remove the majority of MD (consisting of aluminum fragments). Therefore, it was not cost-effective to use this process to reduce the amount of soil requiring inspection by the UXO teams.

Excavated Soil Inspection

The stockpiled soil that was not screened and the oversize material from the test run was transported from the stockpile area to the lay down area and pushed out in 1 foot lifts using a shielded bulldozer and cleared by UXO Technicians using the Schonstedt GX-72 magnetometer to identify individual items within the excavated material. In addition, QC ws performed on 10 percent of the grids with a Fisher all-metal detector. All excavated soils were inspected using this process.

2.5 GEOPHYSICAL MAPPING

Geophysical surveys were performed at the four sites in two separate mapping efforts to identify and target anomalies for intrusive investigation. In accordance with the ESS, the specific objective of the mapping effort was to identify all possible MPPEH items to a clearance depth of 3 feet based on

meeting the detection limits of the geophysical prove out grid. The results of this proveout are presented in provided in Appendix C.

Previously, EM61-MKII data was collected by SHAW in April 2005 at SEADs 46 and 57. SHAW identified 5746 anomalies in SEAD 46 and 57 that required investigation/removal.

As part of this project, geophysical mapping was performed at SEAD 57, SEAD 007-R-01 and SEAD 002-R-01 to supplement the previous data collection efforts. Additional surveys were conducted in an area adjacent to SEAD 57 and local training areas adjacent to the Grenade Range. The area north of SEAD 57 between the 1,800 foot SEAD 57 radius and the 2,100 Open Detonation Grounds radius was surveyed since this area was used by EOD units for training and demolition (Figure 1-4c). This area was not previously identified in the ESS as an area of concern. This area is referred to as the SEAD 57 Buffer Area.

The second area is a series of local training areas east and southeast of the Grenade Range (Figure 1-8). Local Training Areas B through L were investigated due to their proximity to the Grenade Range. There was no previous indication of MPPEH and they were not identified in the ESS as areas of concern. The Army believed it was prudent to investigate these adjacent areas.

Surveys were completed using a Geometrics G858 gradiometer and EM61-MKII towed array. From this geophysical investigation, an additional 4256 targets were identified for investigation/removal resulting in 10,002 anomaly targets investigated during this removal effort. An additional 1,737 anomalies were investigated using mag and flag techniques resulting in a total of 11,739 investigations. A breakdown by site of the investigated targets is presented in Table 2-1.

**Table 2-1
Summary of Intrusive Investigations**

	SEAD 57	SEAD 57 Buffer Area	SEAD 46	SEAD 007-R-01	SEAD 002-R-01 EOD Area 2	SEAD 002-R-01 EOD Area 3	Woods Transects 46 & 57	Local Training Areas B through L
Munitions Debris	2,377	428	585	670	5	8	428	31
MEC	0	2	0	0	0	0	0	0
MPPEH	46	15	16	221	2	0	0	6
Cultural Debris	3,224	354	1,009	654	42	256	1,045	315
Dig Totals	5,647	799	1,610	1,545	49	264	1,473	352
Total Anomalies Investigated 11,739								

Notes: 1) **Bold** targets are geophysical anomaly targets, others are mag and flag targets.

2) This table indicates anomaly location numbers. Multiple items could have been found at one location.

The intrusive investigation summary presented in Table 2-1 represents the number of reacquired target locations that were investigated during geophysical anomaly investigation and clearing activities. The results of the surveys conducted on the 224,000 square feet of woods transects are shown on the table in Appendix F. Figures 1-3, 1-4c, 1-5, 1-6, 1-7 and 1-8 show the locations of all identified anomalies targeted for investigation and the woods transects.

2.6 GEOPHYSICAL INSTRUMENT PROVEOUT

Grids consisting of numerous seed items were established during previous geophysical survey efforts at Seneca. The prove-out grids contain a number of different objects of a variety of sizes that reflect the expected items and depth to be encountered at the areas covered under this task order. This test grid procedure is utilized to determine peak detection and cut-off levels and to verify the equipment is capable of performing the work as stated in the ESS. The geophysical data collected over two of the three existing prove-out grids used previously during the EE/CA and Time Sensitive Geophysical Investigation was compared to the previous data collection for depth of detection and positional accuracy. The proveout grids were surveyed in May, July and September 2007. Results of this investigation are provided in Appendix C.

2.7 ANOMALY INVESTIGATION

Intrusive investigations of identified anomalies based on collected geophysical data were performed using two, three-man teams of pre-qualified UXO technicians working under the supervision of the Senior UXO Supervisor (SUXOS). The identified geophysical anomaly locations from the collected geophysical data were converted from X, Y coordinates to a local coordinate system based in the State Plane system for Central New York (North American Datum 1983, Central New York). The northing and easting locations were uploaded to the Trimble 5700 DGPS survey equipment to be physically located by a surveyor in the field. Once the identified location was found, the surveyor placed a plastic pin flag at the location +/- .5 feet. This pin flag had the anomaly ID written on the flag so the anomaly could be identified when it was reached in the field by the teams. After the location was marked out, the reacquisition team returned to the location with the EM61-MKII set up to verify that the location and anomaly response were accurate for the selected anomaly. This process verified that all anomalies that the dig teams were sent to investigate were relevant and no positioning or processing error was encountered in the data collection process.

Once all of the identified anomalies for a given grid were reacquired and verified in the field, the three man dig team of UXO technicians investigated by hand digging the anomaly to identify its source. The results of the investigation were then recorded electronically on the PDA. All spoils material were left on the surface to allow for post investigation QC inspection of the open excavation. If MPPEH was encountered during the investigation, it was sandbagged and moved to the storage bunker at the end of the day. All ferrous cultural debris and MD were removed and placed in the scrap bin to be disposed of upon completion of the project as non-hazardous scrap metal. Each location was cleared in a 24-inch radius of the flag using Schonstedts.

All targeted anomalies were investigated by the dig teams for each of the four sites covered in this investigation. During the anomaly investigation summary process, the anomaly ID number, material type (MPPEH, MD, cultural debris, or non-contacts), location from pin flag, and depth information were recorded by the UXO technicians on the PDA and updated in the database at the end of each day.

A summary of the anomaly investigation results is provided in Appendix B. A total of 11,739 anomalies were intrusively investigated by the dig teams. The breakdowns of items by type were MEC (2), MPPEH (304), MD (4,532), and cultural debris (6,899). The MPPEH items were further investigated and only two MEC items were identified. The MPPEH items found at the four sites are listed in Table 2-2 in Appendix B. Of the 304 MPPEH items found during the removal effort, all were encountered in the top 10 inches. The two items that were classified as MEC were one fused and unfired 37mm projectile and one MKII Grenade. A list of all 10,002 anomalies and the result of the investigation are listed in Appendix B.

2.8 GEOPHYSICAL QUALITY CONTROL / QUALITY ASSURANCE

The UXO QC/Safety Supervisor conducted a QC audit in accordance with the work plan QA/QC requirements. This audit included placing items at the sites prior to data collection to determine if they could be relocated, and a surface and subsurface check of a minimum of 10% of the anomalies investigated. In order to accomplish this, 10% of the investigated anomalies were revisited by the UXO QC and screened with the Fisher ID Exel™ all metal detectors to verify the dig teams had removed the item(s) causing the anomaly from the location.

The pass/fail criteria for clearance specified that a location would fail if, during the QC audit, a MPPEH item was found. Based on this requirement, all of the grids passed Parsons Analog QC inspection. If a ferrous object was found, the Dig Team would redo the work performed that day.

Throughout the subsequent 10% QC checks of the investigated locations, only one location had a piece of MD that was not removed by the dig team investigation. As a corrective action, all the anomalies that the team had investigated that day were revisited to confirm they were cleared by the team and passed subsequent QC. No rework was required if a non-ferrous object was found during QC.

Geophysical Survey QA was performed by placing simulant seed items in the geophysical mapping survey area. Additional QA was performed during the geophysical prove-outs as discussed in Section 2.6. The seed items were aluminum and ferrous sections of 1 inch by 3 inch steel and 1.6 inch by 3 inch aluminum pipe placed at known locations to provide a QA check of the identification, removal and detection procedure. The locations of the buried items were surveyed in using the GPS at the time of burial and a table was made of the seed item locations and orientation (see table in Appendix E). As part of the geophysical data processing, the chosen anomaly target locations were compared to the Northing and Easting location of the seed items. The detection of a known item location was compared to the known (surveyed) location of the seed item. This process allowed a running QA check of the geophysical data location accuracy.

Figures 1-9 and 1-10 in Appendix A along with, table 2-5 in Appendix E shows the location, depth and orientation of each seed item that was placed in each area. At SEAD 007-R-01, a mix of 65 aluminum and ferrous simulant items were placed prior to data collection. All 65 items were identified during data collection and subsequently located during intrusive investigations.

At SEAD 57, 60 aluminum and ferrous simulant items were placed prior to geophysical data collection. During data collection, all 60 of the items were identified in the data but only six were investigated due to the high density of aluminum MD at the site.

3.0 ORDNANCE AND EXPLOSIVES DEMILITARIZATION AND DISPOSAL

All MD and scrap metal items collected by UXO technicians on a daily basis were transferred to a staging area, inspected by both the SUXOS and UXO QC Supervisor, and placed into a locked storage area for temporary storage. Additional inspections were performed by the Senior UXO Supervisor (SUXOS), and again by the Senior QC (UXOQCS) Supervisor prior to being transferred to drums where a 1348-1A form was issued, Section 3.2 describes the final disposal procedures for all explosives and MD scrap metal

3.1 INTENTIONAL DETONATIONS

Demolition operations for MPPEH were conducted at the Open Detonation Hill (OD) to the north of the former Open Burning Grounds (OBG). In accordance with "Procedures for Demolition of Multiple Rounds (Consolidate Shots) on UXO Sites", dated August 1998 and approved by DDESB on 27 October 1998. Explosives Consumption Records are included in Appendix D. A table showing the suspected MPPEH items and the date they were vented is included as Table 2-2. Venting with a shape charge was used to distinguish MEC from MD.

All demolition explosives were transferred from the Army to Parsons/USA Environmental and kept in a secure storage bunker provided by the Army. All explosives were inspected weekly while in storage and transported in accordance with the State of New York's Department of Labor, Industrial Rule 39 and the Department of Treasury, Bureau of Alcohol, Tobacco, and Firearms (ATF) regulations.

3.2 OTHER DEMILITARIZATION PROCEDURES

All projectiles and intact MD were demilitarized by either explosive venting or by the removal/deformation of the rotating bands and fuse wells following inspections.

Following venting of all MPPEH items, thermal treatment of small arms, and/or physical demilitarization procedures, all items were disposed of off-site. A total of 4,180 pounds of cultural debris scrap metal, 618 pounds of aluminum MD and 2,689 pounds of ferrous MD scrap metal was disposed off-site. A 1348-1A form, chain of custody form, and certificate of destruction for this material is included in Appendix D.

Demobilization

Demobilization occurred in November 2006 following completion of the 10% QC inspection for all six sites.

3.3 CONCLUSIONS

Between May 2006 and November 2006, Parsons performed munitions removal operations in accordance with the ESS requirements. In general, the results of the munitions removal project performed at Seneca Amy Depot for SEAD 46, SEAD 57, SEAD 007-R-01 and SEAD 002-R-01 indicate that all MPPEH has been cleared from these sites. A total of two of the 11,739 identified anomalies which were investigated were found to be MEC. This indicates that these sites were free of MEC with the exception of an area north of SEAD 57 buffer area and not part of this project. The

Army believes that no additional munitions response activities are required at these sites. The conclusions from each individual site are provided below.

SEAD 57 (Former EOD Range) and the SEAD-57 Buffer Area

The only MEC items encountered during this project were found north of SEAD 57 including one fused unfired 37mm projectile in Grid 57 K-16 and one MKII grenade located in 57K-18 as shown on Figure 1-4c. Most ferrous MD items at SEAD 57 were found north of Building T011 and were not found within the high density 1,000 foot kick out radius from the SEAD 57 berm. Figure 1-4c identifies all ferrous and aluminum MD items that were recovered as part of the SEAD 57 investigation. The ferrous MD items are shown in this figure. The pattern of the aluminum MD clearly radiates out from the center of the SEAD 57 berm in a circular pattern. The 43 other MPPEH items (listed on Table 2-2) found at SEAD 57 were all determined to be MD upon venting of the items during the disposal process. SEAD 57 is considered cleared of MPPEH.

SEAD 46 (Former 3.5-inch Rocket Range)

During the investigation of SEAD 46, 22 MPPEH items were found from the 1,611 geophysical anomalies investigated. All 22 items were found to be MD after they were vented. No MEC items were found at SEAD 46. The locations of the MD suggest that the SEAD 46 berm was not used as a target for anything other than small arms practice. The MD items are actually found in areas located away from the berm. Based on the discovery of inert landmines and a sign that identifies the area as a practice minefield for EOD and military training exercises, this was most likely the use of the site. There is no evidence that it was used as a rocket range as previously identified. Based on the results of the past three investigations SEAD 46 is considered cleared of MPPEH.

SEAD 002-R-01 (EOD Areas 2 and 3)

Two MPPEH items (an electric Squibb) were found at EOD Area 2 and it was later determined to be expended. The second item, a M16 APERS, was found by the survey team conducting a boundary survey of the pond low water mark. This item was found without a fuse but due to the mud and debris that filled the case, the item was vented to dispose of any explosive residue that may have remained. It was determined to be inert. At EOD Area 3, no MPPEH items were found during the geophysical anomaly investigation or the expanded handheld investigation of the unmapped area. SEAD 002-R-01 is considered cleared of MPPEH.

SEAD 007-R-01 (Grenade Range)

During the anomaly investigation of the Grenade Range, a total of 221 MPPEH items were found. All MPPEH were related to the M73 Practice LAW Rocket. The 40mm practice grenade found at this site has an inertia driven expelling system with no explosive material. The M73 Practice LAW Rocket has a 1.5 gram spotting charge. The 1.5 gram spotting charge is designed to produce only a flash, smoke, and noise at the time of impact initiated by an inertia driven firing pin. Of the 221 M73 Sub-caliber rounds found, none were found to have the rocket motor intact, all had been functioned previously. Based on these reasons, all of the MPPEH items were reclassified as MD. All 221 of

these rounds were brought to the demolition area and disposed of by detonation. SEAD 007-R-01 is considered cleared of MPPEH.

Local Training Areas

Six individual MD items were found in the Local Training Areas B through L. The items were 37mm and 57mm TPT (target practice) rounds that contained no explosives. The remaining MD items were all small arms ammunition (50 cal.) both ball and incendiary ammunition that were thermally treated before disposal. The Local Training Areas B-7 through L-7 are considered free of MPPEH.

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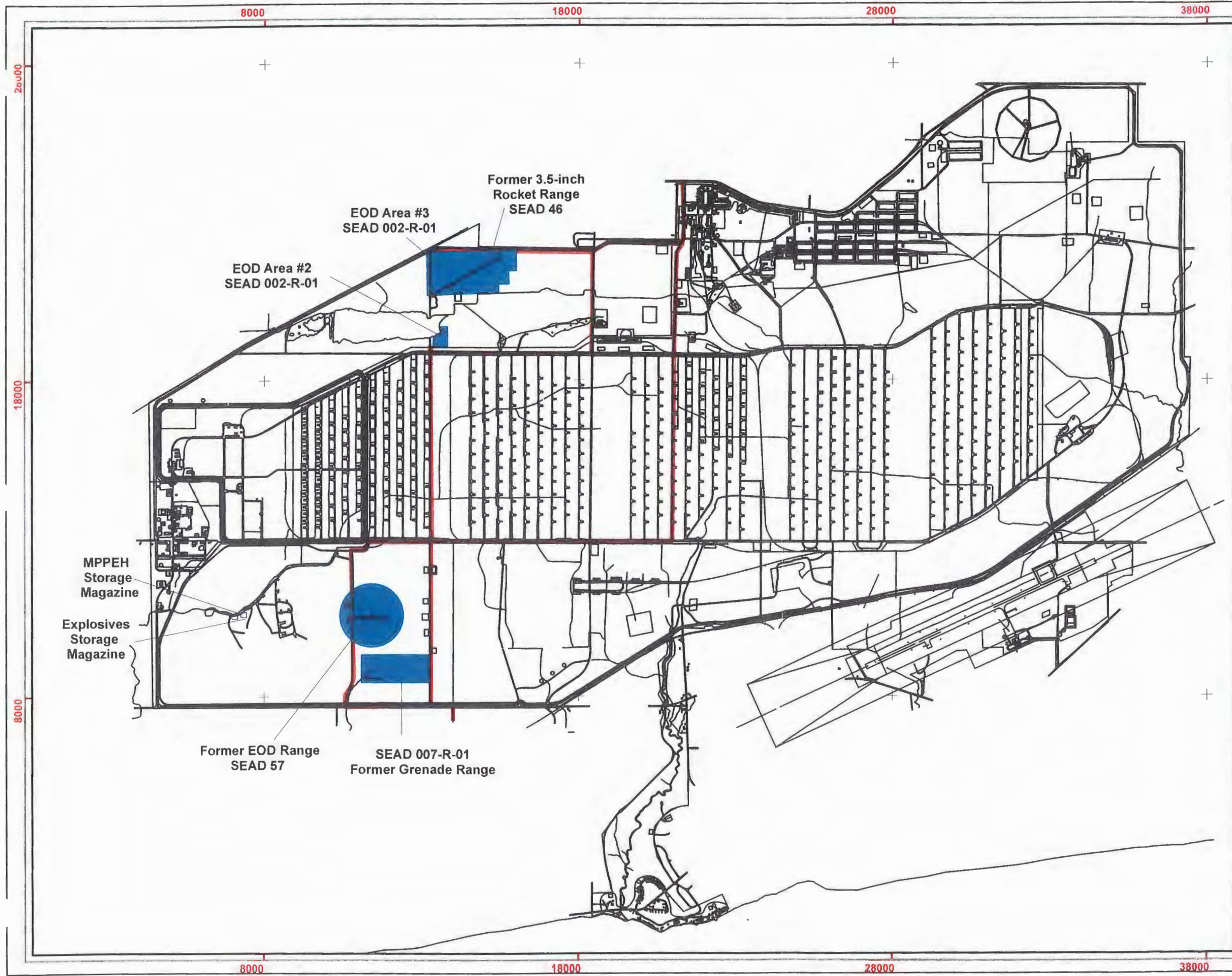
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APPENDIX A

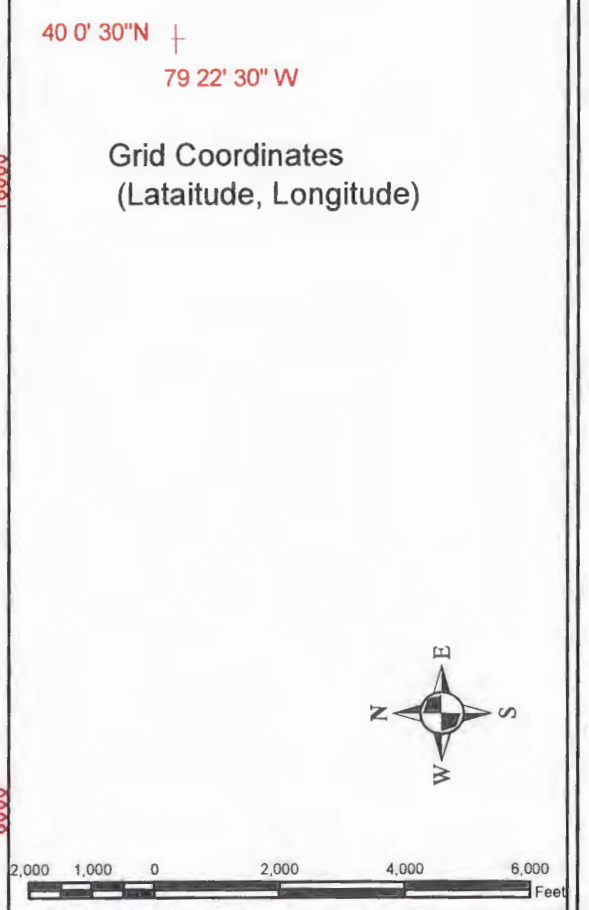
FIGURES


Figure 1-1	Site Location Map
Figure 1-2	Site Location Plan
Figure 1-3	SEAD 46 Munitions Removal Summary
Figure 1-4a	SEAD 57 EM61-MKII Data
Figure 1-4b	SEAD 57 Magnetometer Data
Figure 1-4c	SEAD 57 Munitions Removal Summary
Figure 1-5	SEAD 007-R-01 Munitions Removal Summary
Figure 1-6	SEAD 002-R-01 (EOD Area 2) Munitions Removal Summary
Figure 1-7	SEAD 002-R-01 (EOD Area 3) Munitions Removal Summary
Figure 1-8	Local Training Areas
Figure 1-9	Grenade Range QA Seed Item Placement
Figure 1-10	SEAD 57 QA Seed Item Detection

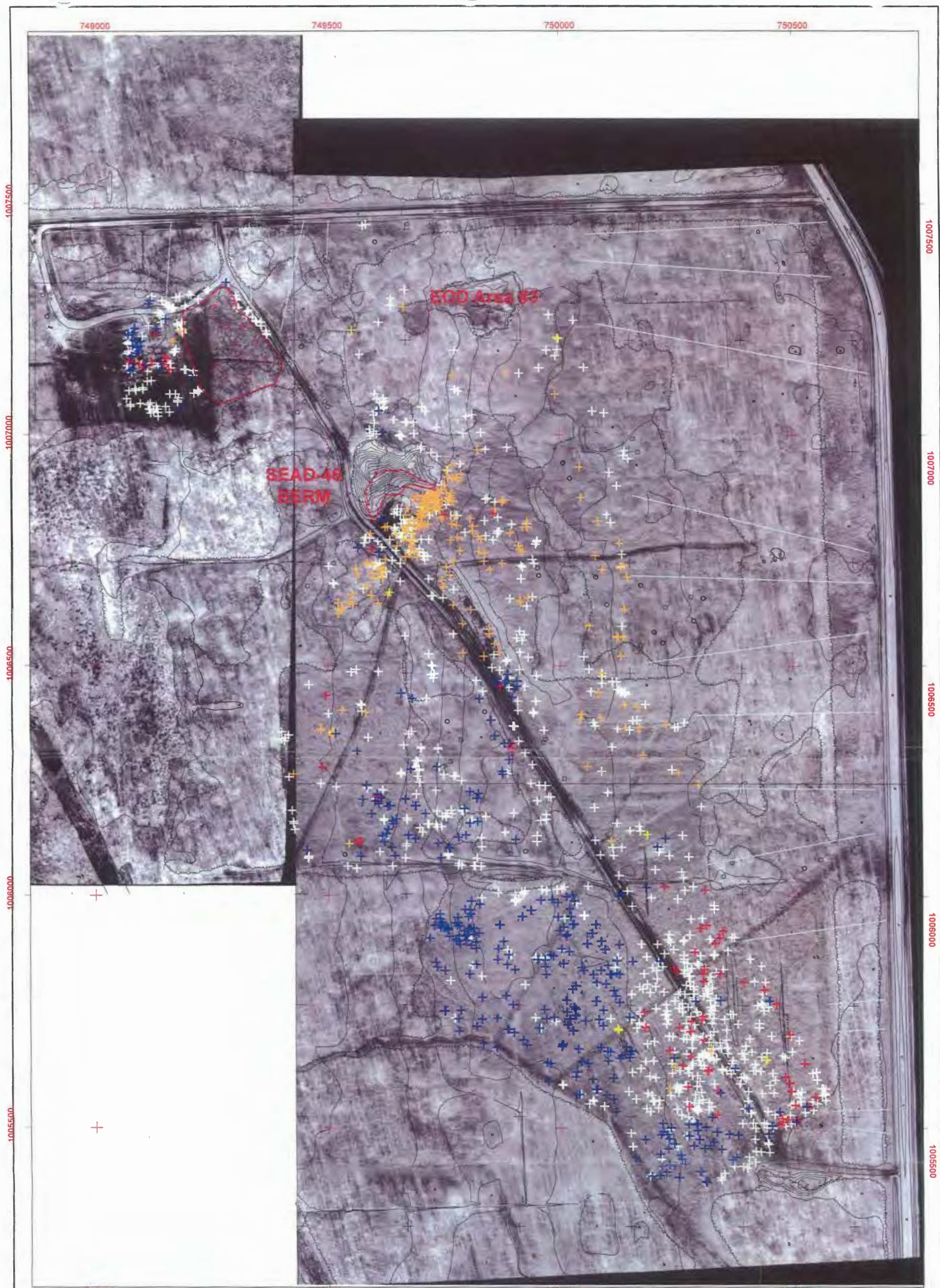




-  Site Boundaries
-  Explosive Storage Magazines
-  Approved Access Roads



		
DESIGNED BY: BJM	Site Location Plan Seneca Army Depot	
DRAWN BY: BJM		
CHECKED BY:	SCALE: 1:36,000	PROJECT NUMBER: 744538-01100
SUBMITTED BY: BJM	DATE: March 31, 2006	FIGURE: Figure 1-2
	FILE: Site_Loc_Plan	Basemap: MR/Figure/ESS



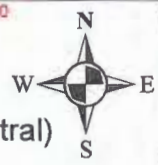
Investigation Results

- + Munitions Debris
- + MPPEH items (Reclassified as MD)
- + ARMY SEED Items
- + Small Arms debris
- + Cultural Debris

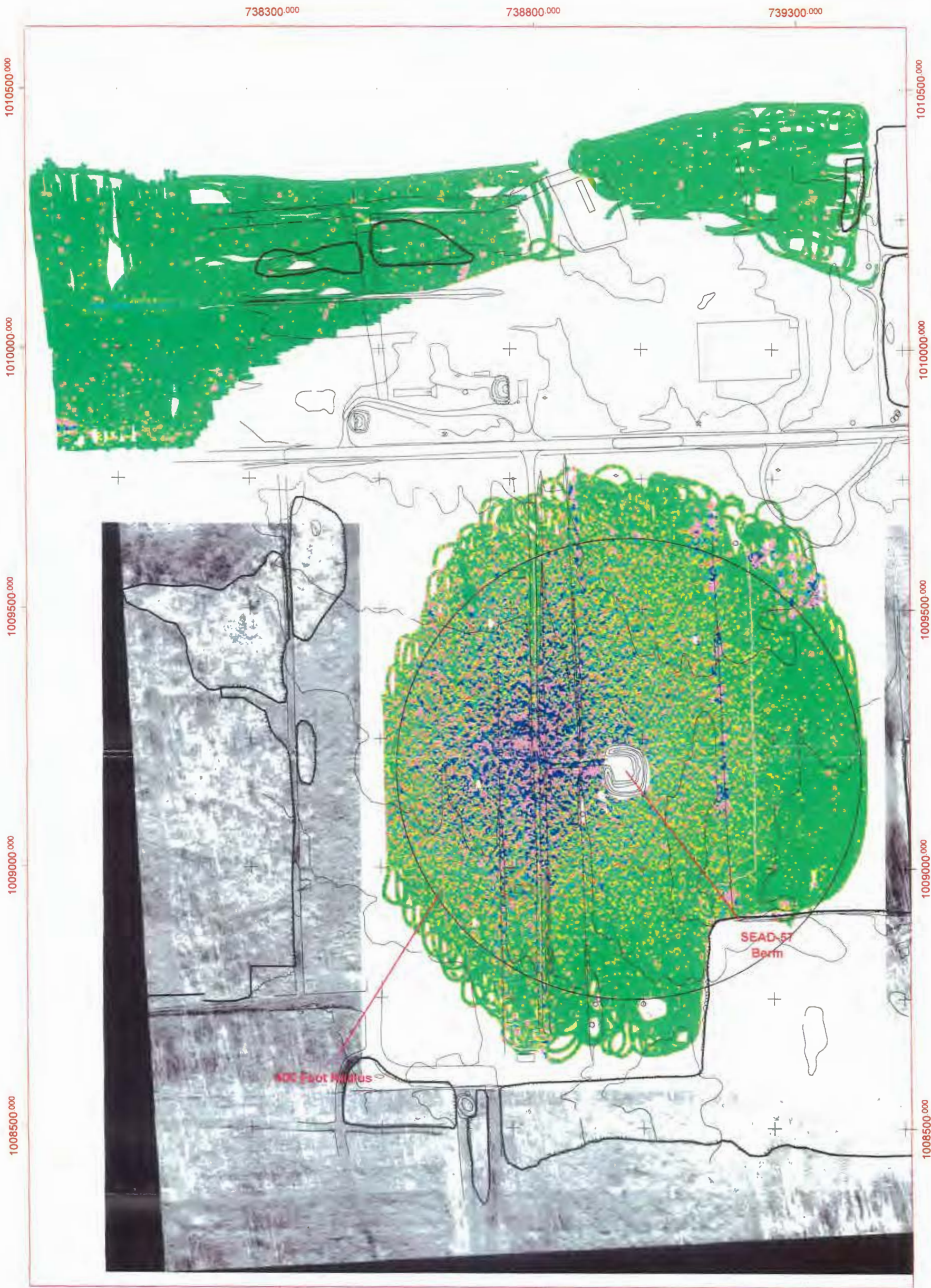
Grid Coordinates
(New York State Plane, Central)

SRA Excavated Area

Woods Transect Investigation



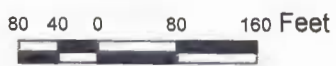
DESIGNED BY: BJM	Munitions Removal Summary SEAD 46
DRAWN BY: BJM	
CHECKED BY:	DATE: January 22, 2007
	PROJECT NUMBER: 745054-03300
SUBMITTED BY: BJM	AERIAL PHOTOGRAPH 1989 2ft. Resolution
	FILE: SEAD_46.APR
	SCALE: 1:2,500
	Figure 1-3



Munitions Response Summary

-  SEAD 57 400 foot radius from demo berm
-  EM-61MKII Data Collection Area

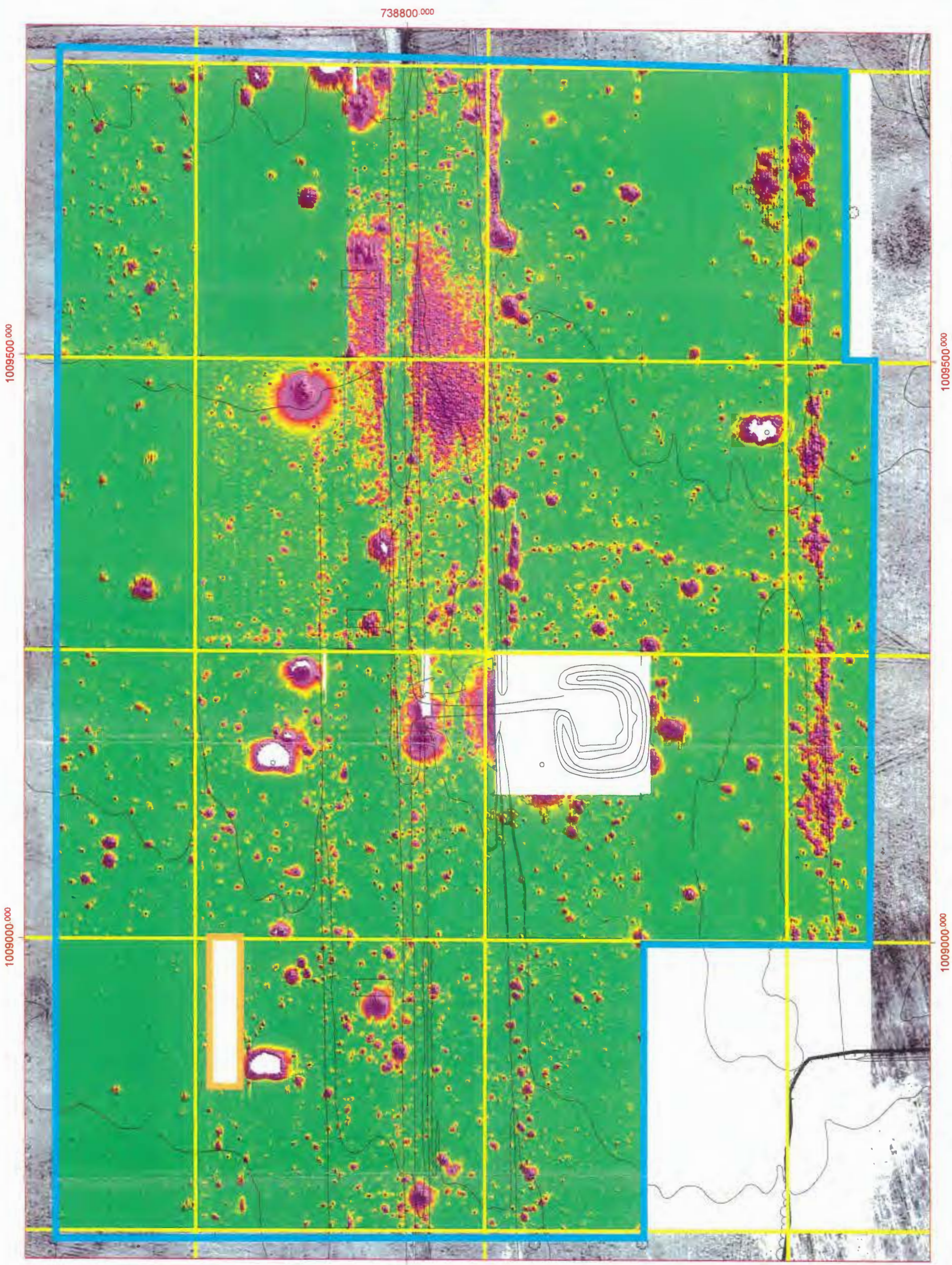
997750+ Grid Coordinates
748750 (New York State Plane, Central)






PARSONS

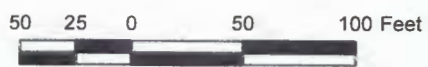



DESIGNED BY BJM	EM-61MKII Data Collection Area SEAD 57	
DRAWN BY: BJM		
CHECKED BY:	Print Date: March 31 2006	FN Figure 1-4a
SUBMITTED BY	Aerial Photograph 1989 - 2 ft resolution	PROJECT NUMBER 745054-03300
BJM	FILE: O:Seneca\NR\Parsons\557	SCALE: 1:2,282.150

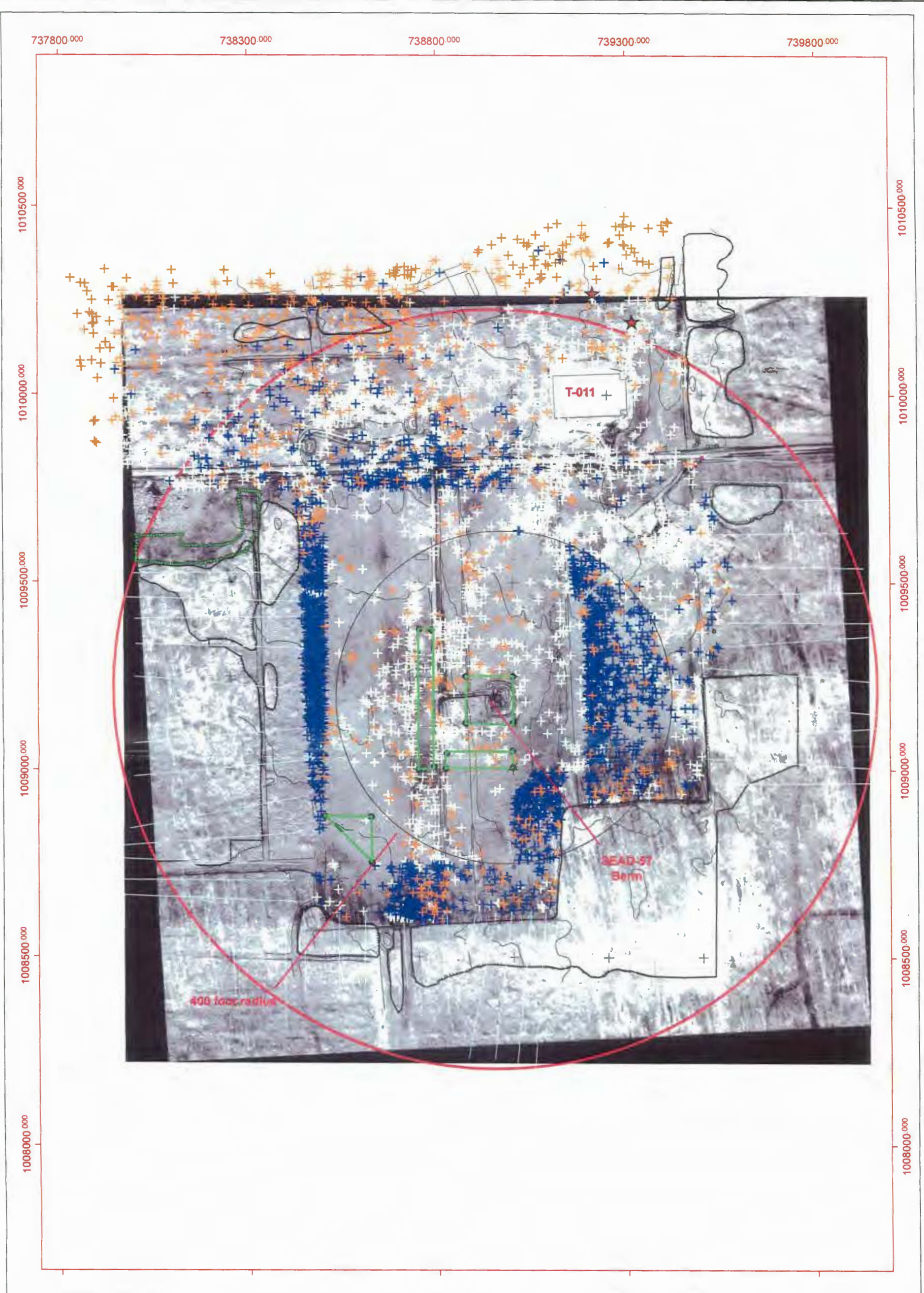


-  SEAD 57 grid network
-  Magnetometer Data Collection Area
-  Unsurveyed area was under water

997750+ Grid Coordinates
748750 (New York State Plane, Central)



	
DESIGNED BY: BJM	Magnetometer Data Collection Area SEAD 57
DRAWN BY: BJM	
CHECKED BY:	Print Date: March 31, 2007 FN Figure 1-4b
SUBMITTED BY: BJM	Aerial photograph: 1989, 2-ft. Resolution PROJECT NUMBER: 744538-03300
	FILE: O:\Seneca\MR\Parsons\S57 SCALE: 1:1,014



Munitions Response Summary

- SEAD 57 1000 foot radius
- ★ SEAD 57 MEC
1- 37mm (fused and unfired)
1-MKII grenade (fuse intact)
- + Aluminium Munitions Debris
- + Ferrous Munitions Debris
- + Trash and Cultural Debris

- 997750+ Grid Coordinates
748750 (New York State Plane, Central)
- Limit of 6 inch excavation
- Woods Transect Investigation Area



DESIGNED BY:	BJM	
DRAWN BY:	BJM	
CHECKED BY:	Print Date: March 31 2006	FN: Figure 1-4c
SUBMITTED BY:	Aerial Photograph 1989 - 2 ft resolution	PROJECT NUMBER: 745054-03300
BJM	FILE: C:\Saneca\MR\Parsons\57	SCALE: 1:3,042.867



- + Location of 40 mm M781 practice grenade
- + Location of M73 Subcaliber LAW
- + Location of Cultural Debris
- Location of Target
- Firing Point and Observation Tower
- 997750+ Grid Coordinates (New York State Plane, Central)
748750



DESIGNED BY: BJM	Munitions Response Summary Grenade Range SEAD 007-R-01	
DRAWN BY: BJM		
CHECKED BY:	DATE: March 31, 2007	PROJECT NUMBER: 744538-01100
SUBMITTED BY: BJM	AREAL PHOTOGRAPH: 1989 2ft. Resolution	FN: Figure 1-5
	FILE: GR_RNG.APR	SCALE: 1:1,495.197

747500

747750

748000

748250

1008000

1008000

1007750

1007750

1007500

1007500

1007250

1007250

1007000

1007000




Duck Pond

747500

747750

748000


748250

-  MPPEH reclassified as MD
-  Munitions Debris
-  Cultural Debris



997750+
748750 Grid Coordinates
(New York State Plane, Central)



	
DESIGNED BY: BJM	Munitions Removal Summary EOD# 2
DRAWN BY: BJM	SEAD 002-R-01
CHECKED BY:	DATE PRINTED: March 31, 2007
SUBMITTED BY: BJM	PROJECT NUMBER: 745054-03300
	AREAL PHOTOGRAPH: 1989 2 ft Resolution
	FILE: EOD2.APR
	SCALE: 1:1,000
	FIGURE: Figure 1- 6

749000

749500

750000

750500

1007500

1007500

1007000

1007000

1006500

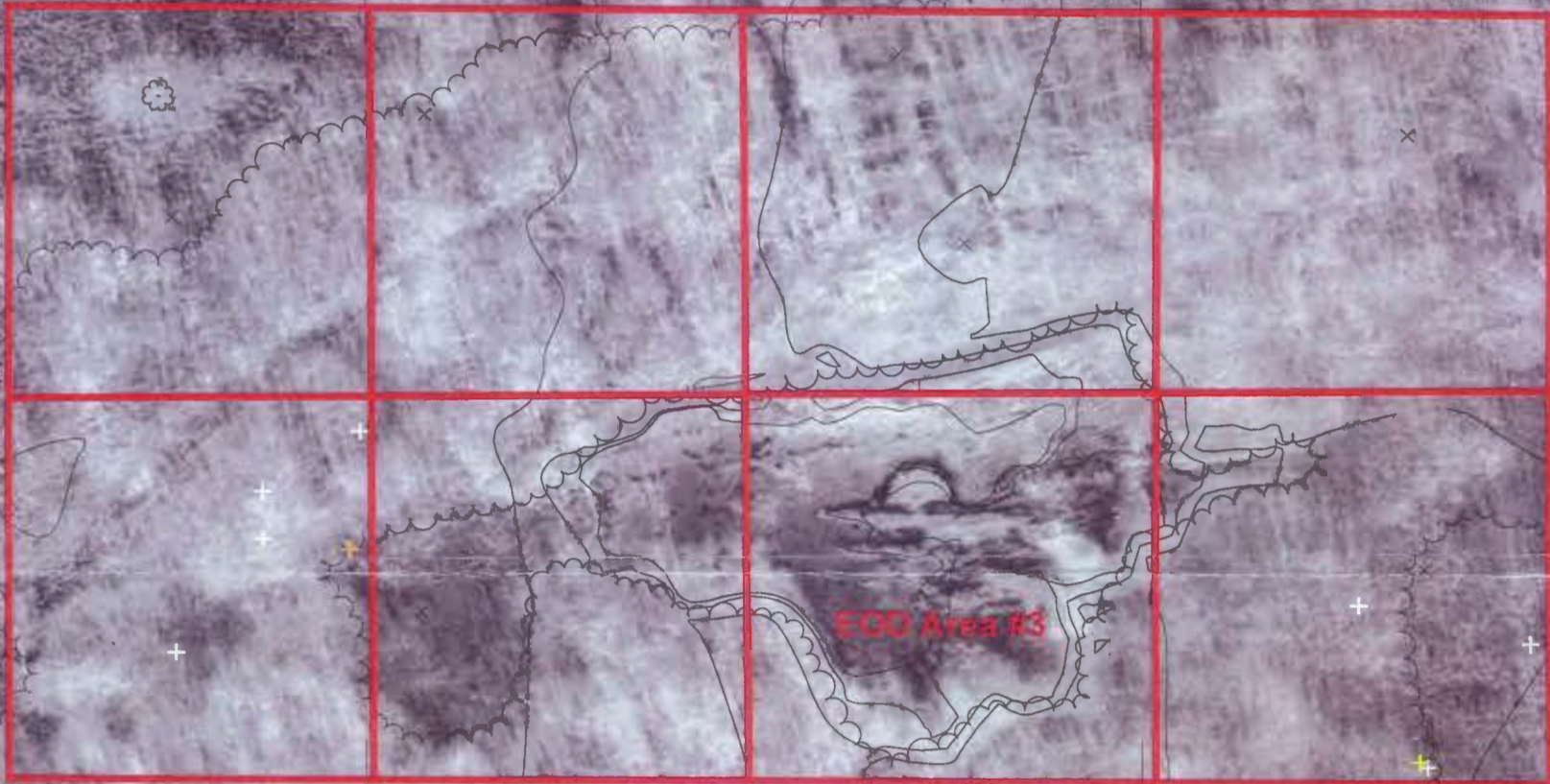
1006500

1006000

1006000

1005500

1005500



EOD Area #3

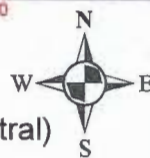
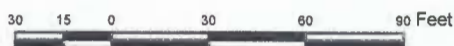
Investigation Results

- + Munitions Debris
- + MPPEH items (Reclassified as MD)
- + ARMY SEED Items
- + Small Arms debris
- + Cultural Debris

Grid Coordinates
(New York State Plane, Central)

EOD #3 Investigation Area

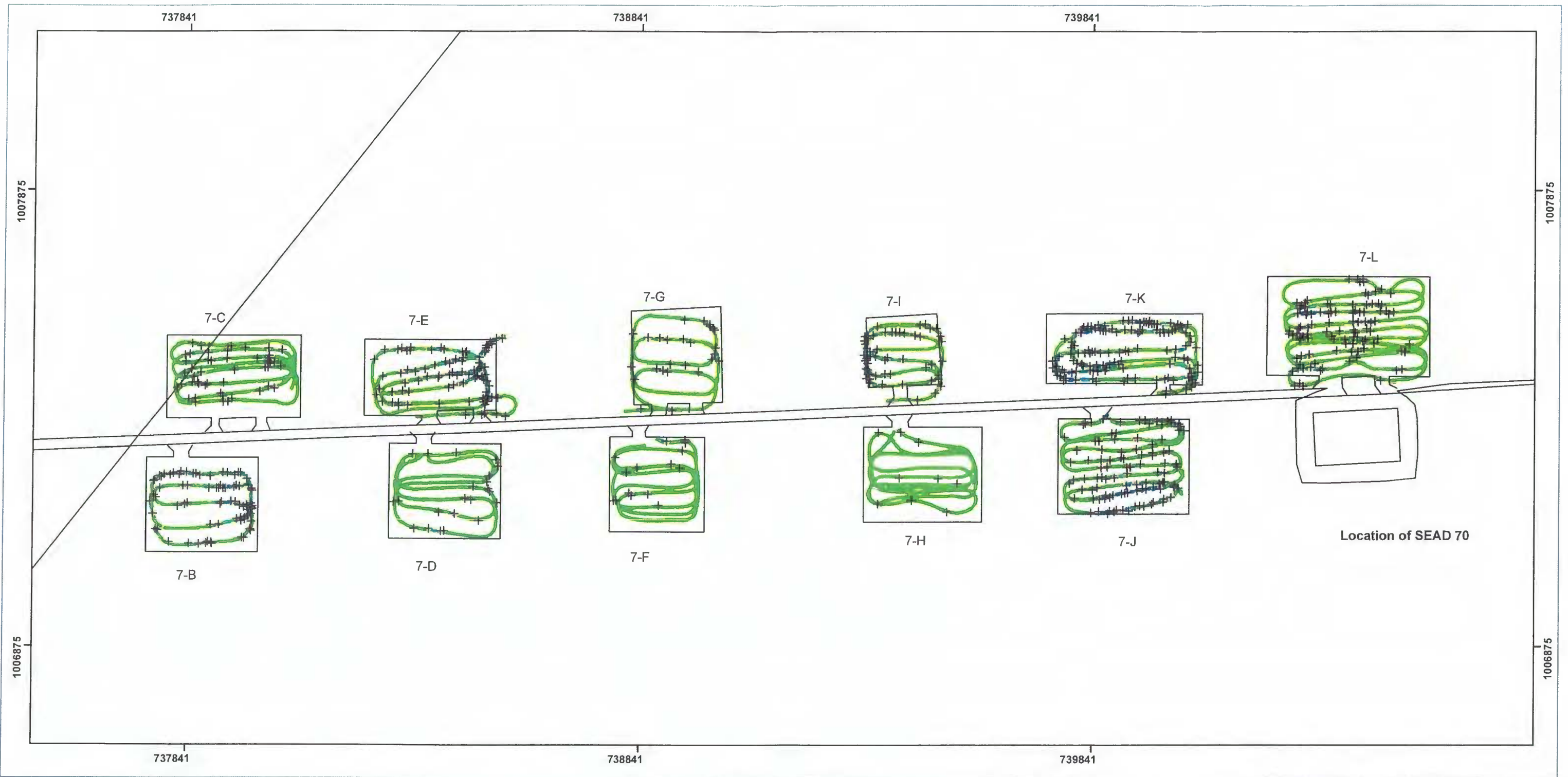
Woods Transect Investigation






PARSONS





DESIGNED BY: BJM	Munitions Removal Summary SEAD 002-R-01	
DRAWN BY: BJM	EOD #3	
CHECKED BY:	DATE: March 31, 2007	PROJECT NUMBER: 745054-03300
SUBMITTED BY: BJM	AERIAL PHOTOGRAPH: 1989 2ft. Resolution	FIGURE: Figure 1-7
	FILE: SEAD_46.APR	SCALE: 1:700



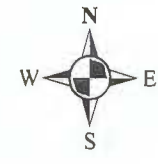
-  Investigated Geophysical Anomaly
-  Geophysical Data Collection Area
- 997750  Grid Coordinates (New York State Plane, Central)
- 748750




 PARSONS 		
DESIGNED BY: BJM	Munitions Removal Summary Local Training Areas B - L	
DRAWN BY: BJM		
CHECKED BY: BJM	DATE PRINTED: May 22, 2006	PROJECT NUMBER: 745054-01400
SUBMITTED BY: BJM	AERIAL PHOTOGRAPH: none	FIGURE NUMBER: Figure 1-8
	FILE: O:\Seneca\MRP\Parsons\ESS	SCALE: 1:2,500



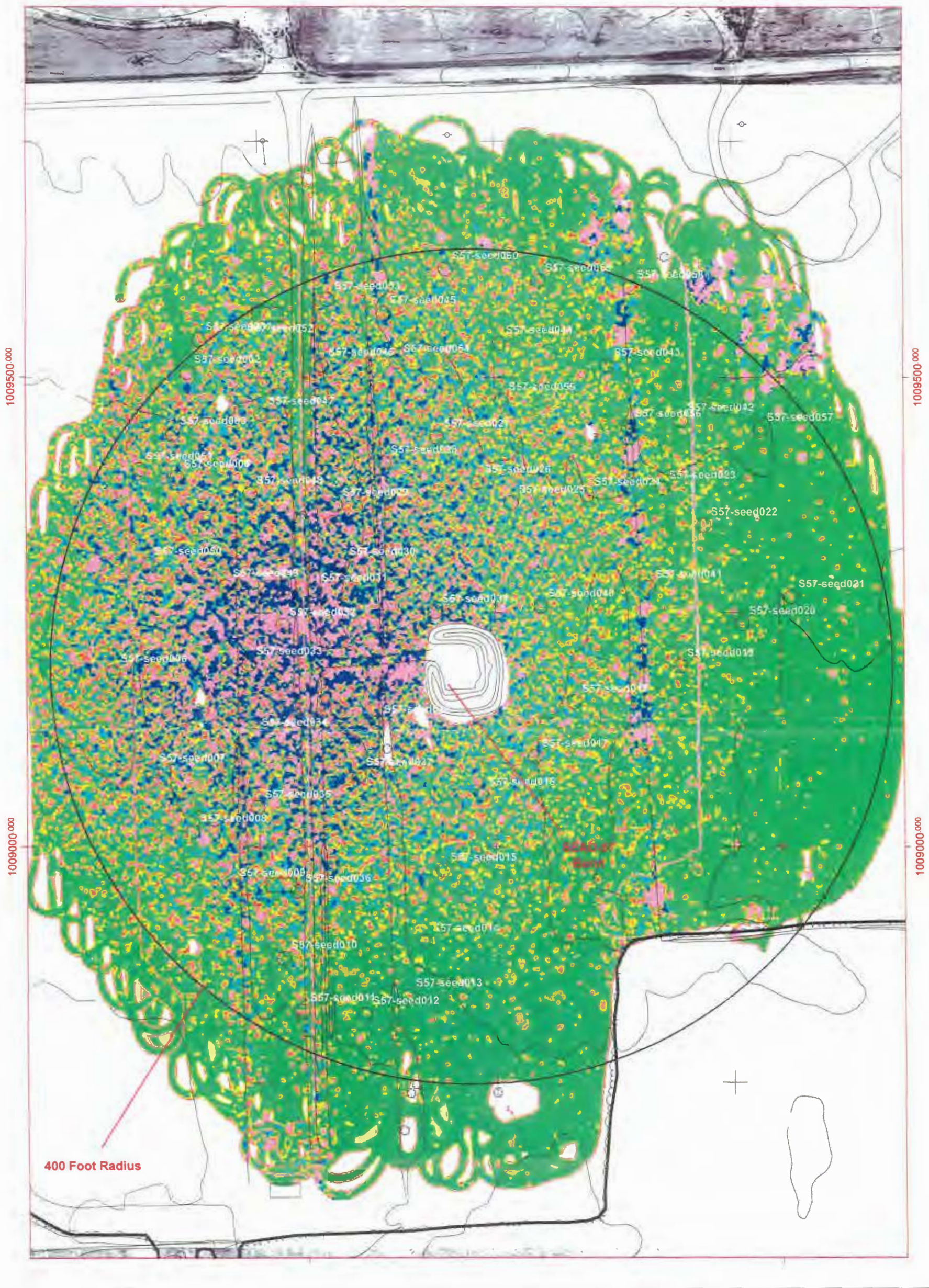
- Limit of EM61 Geophysical Data collection
- QA SEED Item Location 60 of 60 detected



		
DESIGNED BY: BJM	QA SEED ITEM PLACEMENT Grenade Range SEAD 007-R-01	
DRAWN BY: BJM		
CHECKED BY:	DATE: March 31, 2007	PROJECT NUMBER: 744538-01100
SUBMITTED BY: BJM	AREAL PHOTOGRAPH 1989 2ft. Resolution	FN Figure 1-9
	FILE: GR_RNG.APR	SCALE 1:1,495.197

738800.000

739300.000



400 Foot Radius

Munitions Response Summary

-  SEAD 57 400 foot radius
-  EM-61MKII Data Collection Area
-  SEED Item Placement Location
65 of 65 items detected

997750+ Grid Coordinates
748750 (New York State Plane, Central)



PARSONS



DESIGNED BY	BJM		QA SEED ITEM DETECTION SEAD 57	
DRAWN BY	BJM		Print Date:	March 31 2006
CHECKED BY			FN	Figure 1-10
SUBMITTED BY			Aerial Photograph	1989 - 2 ft resolution
			PROJECT NUMBER	745054-03300
			FILE:	0:SenecaMRU/Parsons/SS7
			SCALE:	1:1,249,967

APPENDIX B

SUMMARY TABLE OF MPPEH ITEMS

**MUNITIONS RESPONSE AND CERCLA CLOSURE LIST OF ANOMALY
INVESTIGATIONS**

Table 2-2
Seneca Army Depot - Munitions Response and CERCLA Closure
MPPEH Items Encountered During Intrusive Investigations 5/7/06 to 11/09/06

SEAD 57	Date Investigated	Classification	Quantity	Depth (in)	Final Disposition	Location	Comment
20mm Projectile	6/8/2006	MD	3	6	Disposal 6/21/05	SEAD 57	
20mm	6/8/2006	MD	1	3	Disposal 6/21/05	SEAD 57	
20mm	6/8/2006	MD	1	2	Disposal 6/21/05	SEAD 57	
BLU 26B	6/14/2006	MD	1	5	Disposal 6/14/06	SEAD 57	
BLU 3	6/15/2006	MD	1	3	Disposal 6/21/05	SEAD 57	
BLU 63	6/14/2006	MD	1	3	Disposal 6/21/05	SEAD 57	
WAAMPM BLU 54	6/14/2006	MD	1	3	Disposal 6/21/05	SEAD 57	
2.36 inch Rocket warhead	6/20/2006	MD	2	5	Disposal 6/21/05	SEAD 57	
M127 - Signal Ground	6/20/2006	MD	1	6	Disposal 9/27/06	SEAD 57	* Surface Sweep
20mm Projo	6/19/2006	MD	4	6	Disposal 9/27/06	SEAD 57	
37mm APT	6/21/2006	MD	5	6	Disposal 9/27/06	SEAD 57	
40mm TPT	6/20/2006	MD	4	0	Disposal 9/27/06	SEAD 57	* Recovered in excavated material
57mm AP	6/21/2006	MD	1	10	Disposal 9/27/06	SEAD 57	
3" Stokes Mortar	8/9/2006	MD	1	2	Disposal 9/27/06	SEAD 57	
3" Stokes Mortar	10/26/2006	MD	14	8	Disposal 11/07/06	SEAD 57	* 10 found together
MK 25 Signal (drift)	7/5/2006	MD	4	5	Disposal 9/27/06	SEAD 57	
MK 5 Nose Fuse	7/5/2006	MD	1	0	Disposal 9/27/06	SEAD 57	

46

SEAD 57 Buffer Area							
MKII Grenade (1)	10/3/2006	MEC	1	6	Disposal 10/16/06	SEAD 57 Buffer	MEC
37mm HEAT(1)	10/3/2006	MEC	1	4	Disposal 10/16/06	SEAD 57 Buffer	MEC
2.36 inch Rocket warhead	10/3/2006	MD	5	4	Disposal 10/16/06	SEAD 57 Buffer	
20mm	10/3/2006	MD	8	7	Disposal 10/16/06	SEAD 57 Buffer	

15

SEAD 46							
75mm Projo	8/23/2006	MD	1	8	Disposal 9/27/06	SEAD 46	
75mm Projo	9/5/2006	MD	1	10	Disposal 09/05/06	SEAD 46	
MK-5 AT (UK)	8/28/2006	MD	1	2	Disposal 9/27/06	SEAD 46	
Type 93 (Japan)	8/28/2006	MD	1	4	Disposal 9/27/06	SEAD 46	
MK7A2 (USA)	8/28/2006	MD	1	6	Disposal 9/27/06	SEAD 46	
M10 Landmine fuse	8/28/2006	MD	1	4	Disposal 9/27/06	SEAD 46	
30MM TP	8/23/2006	MD	4	2	Disposal 9/27/06	SEAD 46	
M103 Nose Fuse	8/29/2006	MD	1	2	Disposal 9/27/06	SEAD 46	
M123 Tail Fuse	8/23/2006	MD	1	3	Disposal 9/27/06	SEAD 46	
VT Nose Fuse	8/23/2006	MD	1	5	Disposal 9/27/06	SEAD 46	
M27 Star Flare (Aircraft)	8/23/2006	MD	1	3	Disposal 9/27/06	SEAD 46	
M48 Fuse	7/5/2006	MD	1	0	Disposal 9/27/06	SEAD 46	* Surface Sweep
M60 Rifle Smoke Grenade	8/24/2006	MD	1	2	Disposal 9/27/06	SEAD 46	

16

EOD Area 2							
Electric Squibb	8/3/2006	MD	1	4	Disposal 9/27/06	EOD2	
M16 APERS	8/30/2006	MD	1	0	Disposal 9/27/06	EOD2	* Surface Sweep

2

Grenade Range							
M73 - Sub caliber round		MD	221	9	Disposal 9/27/06	GR	

221

Local Training Areas B through L							
57mm APT	7/31/2006	MD	1	3	Disposal 9/27/06	LTAs	
37mm APT	10/10/2006	MD	2	4	Disposal 10/16/06	LTAs	Found with 2.36 inch rocket
57mm APT	10/10/2006	MD	2	3	Disposal 10/16/06	LTAs	
2.36 inch Rocket warhead	10/10/2006	MD	1	4	Disposal 10/16/06	LTAs	

6

TOTAL:			306				
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(1) Only two items subsequently found to be MEC

APPENDIX B
SEAD 002-R-01 (EOD#2) All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Anomaly ID	GPS SURVEY				REACQUISITION				Type	DIG RESULTS		QPOST-DIG QC	
	Location (ft) Easting (X)	Northing (Y)	Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)		Date	Item Description	QC Code	QC Initials
EOD2-029	747662.25	1007468.75	45	Mv	8/2/2006	45	9	7	Munitions Debris	8/3/2006	Projectile fuze	-	-
EOD2-003	747558.75	1007434.5	29	Mv	8/2/2006	150	8	12	Cultural Debris	8/3/2006	Wire	-	-
EOD2-030	747645.25	1007503.5	20	Mv	8/2/2006	30	8	3	Cultural Debris	8/3/2006	Nails	-	-
EOD2-009	747592	1007248.5	24	Mv	8/2/2006	65	7	6	Cultural Debris	8/3/2006	Trash	-	-
EOD2-005	747595.25	1007372.75	26	Mv	8/2/2006	45	5	3	Cultural Debris	8/3/2006	Trash	-	-
EOD2-012	747554.75	1007202	31	Mv	8/2/2006	30	5	3	Cultural Debris	8/3/2006	Trash	-	-
EOD2-028	747666.75	1007470.5	20	Mv	8/2/2006	18	5	2	Cultural Debris	8/3/2006	Trash	-	-
EOD2-035	747581.5	1007491.25	33	Mv	8/2/2006	25	5	2	Cultural Debris	8/3/2006	Nails	-	-
EOD2-036	747583.25	1007497.75	21	Mv	8/2/2006	50	5	2	Cultural Debris	8/3/2006	Nails	-	-
EOD2-041	747508.02	1007486.5	18	Mv	8/2/2006	35	5	2	Cultural Debris	8/3/2006	Brick	-	-
EOD2-011	747516.25	1007185.25	20	Mv	8/2/2006	17	4	2	Cultural Debris	8/3/2006	Nail	-	-
EOD2-014	747741.5	1007257.5	20	Mv	8/2/2006	75	4	2	Cultural Debris	8/3/2006	Wire	-	-
EOD2-016	747837.75	1007276	18	Mv	8/2/2006	180	4	2	MPPEH	8/3/2006	Electric squib	-	-
EOD2-021	747784.75	1007421	16	Mv	8/2/2006	16	4	2	Munitions Debris	8/3/2006	Frag	-	-
EOD2-038	747560.5	1007481.75	17	Mv	8/2/2006	25	4	2	Cultural Debris	8/3/2006	Nail	-	-
EOD2-004	747584.75	1007435.5	138	Mv	8/2/2006	185	3	2	Cultural Debris	8/3/2006	Wire	-	-
EOD2-008	747652.25	1007286.75	134	Mv	8/2/2006	205	3	2	Munitions Debris	8/3/2006	Slap flare	-	-
EOD2-013	747604.25	1007208.25	242	Mv	8/2/2006	250	3	1	Munitions Debris	8/3/2006	Slap flate	-	-
EOD2-018	747747.75	1007357	106	Mv	8/2/2006	101	3	2	Cultural Debris	8/3/2006	Wire	-	-
EOD2-019	747751.5	1007376.75	27	Mv	8/2/2006	25	3	3	Cultural Debris	8/3/2006	Trash	-	-
EOD2-023	747694.75	1007512.25	55	Mv	8/2/2006	65	3	2	Munitions Debris	8/3/2006	Projectile fuze	-	-
EOD2-026	747702	1007447.5	41	Mv	8/2/2006	50	3	2	Cultural Debris	8/3/2006	Trash	-	-
EOD2-027	747697.25	1007443.5	19	Mv	8/2/2006	25	3	2	Munitions Debris	8/3/2006	20mm	-	-
EOD2-033	747603.75	1007458	32	Mv	8/2/2006	90	3	2	Cultural Debris	8/3/2006	Nails	-	-
EOD2-034	747593.1	1007462.52	47	Mv	8/2/2006	75	3	3	Cultural Debris	8/3/2006	Wire	-	-
EOD2-037	747577.32	1007493.81	15	Mv	8/2/2006	20	3	2	Cultural Debris	8/3/2006	wire	-	-
EOD2-015	747752.25	1007224.75	122	Mv	8/2/2006	105	2	2	Cultural Debris	8/3/2006	Wire	-	-
EOD2-020	747741.5	1007386.5	37	Mv	8/2/2006	50	2	2	Cultural Debris	8/3/2006	Trash	-	-
EOD2-031	747633.25	1007504.75	21	Mv	8/2/2006	29	2	2	Cultural Debris	8/3/2006	Wire	-	-
EOD2-032	747632.25	1007497.5	120	Mv	8/2/2006	129	2	2	Cultural Debris	8/3/2006	Trash	-	-
EOD2-042	747517	1007490	32	Mv	8/2/2006	30	2	2	Cultural Debris	8/3/2006	Wire	-	-
EOD2-043	747543.75	1007470.5	596	Mv	8/2/2006	600	2	2	Cultural Debris	8/3/2006	Trash	-	-
EOD2-017	747791	1007289.5	691	Mv	8/2/2006	750	1	1	Cultural Debris	8/3/2006	Trash	-	-
EOD2-1D	747598.9	1007471.8	700	mV	1/11/2007	700	0	0	Cultural Debris	8/4/2006	Pieces of wire found near flag D in polygon 1	-	-
EOD2-2A	747564	1007448.9	700	mV	1/11/2007	700	0	0	Cultural Debris	8/4/2006	24" slab on cultural debri found near flag A in polygon 2	-	-
EOD2-2E	747584.1	1007452.6	700	mV	1/11/2007	700	0	0	Cultural Debris	8/4/2006	Many bricks found near flag E in polygon 2	-	-
EOD2-3A	747602.9	1007436.3	700	mV	1/11/2007	700	0	0	Cultural Debris	8/4/2006	Metal plate found near flag A in polygon 3	-	-
EOD2-3D	747615.6	1007437.2	700	mV	1/11/2007	700	0	0	Cultural Debris	8/4/2006	Nails found near flag D in polygon 3	-	-
EOD2-3D-2	747615.6	1007437.2	700	mV	7/18/2007	700	0	0	Cultural Debris	8/4/2006	Bricks found near flag D in polygon 3	-	-
EOD2-4C	747677.1	1007487.2	700	mV	1/11/2007	700	0	36	Cultural Debris	8/3/2006	55 gallon drum on pallet found near flag C in polygon 4	-	-
EOD2-4D	747694.3	1007487.8	700	mV	1/11/2007	700	0	0	Cultural Debris	8/3/2006	Alum foil found near flag D in polygon 4	-	-
EOD2-4E	747696.8	1007476.4	700	mV	1/11/2007	700	0	0	Cultural Debris	8/3/2006	Alum foil found near flag E in polygon 4	-	-
EOD2-5A	747725.8	1007498.6	700	mV	1/11/2007	700	0	0	Cultural Debris	8/3/2006	Pieces of wire found near flag A in polygon 5	-	-
EOD2-5B	747709.9	1007468.2	700	mV	1/11/2007	700	0	0	Cultural Debris	8/3/2006	Alum foil found near flag B in polygon 5	-	-
EOD2-5H	747744.8	1007190.9	700	mV	1/11/2007	700	0	0	Cultural Debris	8/3/2006	Handle found near flag H in polygon 5	-	-
EOD2-5L	747725.2	1007455.8	700	mV	1/11/2007	700	0	0	Cultural Debris	8/3/2006	Nail found near flag L in polygon 5	-	-
EOD2-5L-2	747725.2	1007455.8	700	mV	7/18/2007	700	0	0	Cultural Debris	8/3/2006	Alum foil found in polygon 5 near flag L	-	-
EOD2-6A	747741.9	1007441.2	700	mV	1/11/2007	700	0	0	Cultural Debris	8/4/2006	Nail found near flag A in polygon 6	-	-
EOD2-7A	747786.4	1007460.1	700	mV	1/11/2007	700	0	0	Cultural Debris	8/4/2006	Pipe found in polygon 7	-	-

Note: QC Code (-) indicates the Anomaly was not QC'ed, (Pass) indicates the Anomaly was QC'ed and was acceptable.

APPENDIX B
SEAD 007-R-01 (Grenade Range) All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	GPS SURVEY					REACQUISITION		DIG RESULTS						QPOST-DIG QC Code	QC Initials
	Anomaly ID	Location (ft) Eastings (X) Northing (Y)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description			
Local Training Area	HS_296	740012.25	1007496.5	2592	mV	10/2/2006	2592	30	39	Cultural Debris	10/11/2006	Steel rod 1in dia. unknown length could not remove	Pass	KC	
Local Training Area	HS_368	740004.25	1007436.75	696	mV	10/2/2006	698	13	14	Cultural Debris	10/11/2006	Very large washer	Pass	KC	
Local Training Area	HS_241	737766	1007167.25	111	mV	10/2/2006	113	12	2	Cultural Debris	10/10/2006		Pass	KC	
Local Training Area	HS_637	740429.75	1007587.75	1060	mV	10/2/2006	1061	10	30	Cultural Debris	10/11/2006	R/R spike plate with 3ea spikes	-	-	
Grenade Range	GRA6-6	736931.25	1008728.5	17	Mv	7/17/2006	20	9	6	Cultural Debris	7/19/2006	Wire	Pass	KC	
Grenade Range	GRA6-7	736932.5	1008728.75	18	Mv	7/17/2006	25	9	6	Cultural Debris	7/19/2006	Wire	Pass	KC	
Grenade Range	GRB6-139	737080.75	1008700.5	24	Mv	7/18/2006	85	9	12	MPPEH	7/19/2006	M-73 sub cal	-	-	
Grenade Range	GRC3-26	737260.25	1007917.5	19	Mv	7/25/2006	40	9	24	Cultural Debris	7/27/2006	Trash	-	-	
Local Training Area	HS_482	739014	1007503.25	58	mV	11/30/2006	58	9	6	Cultural Debris	11/2/2006	Wire	-	-	
Grenade Range	GRA6-25	736933.5	1008539.25	17	Mv	7/17/2006	19	8	24	Cultural Debris	7/19/2006	Nail	Pass	KC	
Grenade Range	GRB3-108	737154.25	1007878.75	66	Mv	7/26/2006	98	8	5	Cultural Debris	7/27/2006	Seed item	-	-	
Grenade Range	GRB5-158	737134.75	1008492.75	29	Mv	7/26/2006	29	8	8	Cultural Debris	8/1/2006	Trash	-	-	
Grenade Range	GRC3-119	737400.75	1007906.5	16	Mv	7/26/2006	21	8	24	Cultural Debris	7/31/2006	Trash	Pass	KC	
Grenade Range	GRD3-9	737545	1007920	42	Mv	7/21/2006	50	8	10	Cultural Debris	7/24/2006	Seed Item	Pass	KC	
Local Training Area	HS_028	739443.75	1007197	18	mV	11/30/2006	18	8	30	Cultural Debris	11/2/2006	Scrap metal	-	-	
Local Training Area	HS_187	737886.75	1007519	104357	mV	10/2/2006	5000	8	12	Cultural Debris	10/10/2006	Large flat scrap metal	-	-	
Local Training Area	HS_519	739510.272	1007502.299	32	mV	11/30/2006	32	8	4	Cultural Debris	11/6/2006	Spike	-	-	
Local Training Area	HS_599	740427.036	1007509.699	36	mV	11/30/2006	35	8	6	Cultural Debris	11/6/2006	Wire	-	-	
Local Training Area	HS_628	740441.75	1007675.75	282	mV	10/2/2006	285	8	6	Cultural Debris	10/11/2006	Metal embedded in a cement block could not remove	-	-	
Local Training Area	HS_629	740440.25	1007682	141	mV	10/2/2006	140	8	2	Cultural Debris	10/11/2006	Metal embedded in a cement block	-	-	
Grenade Range	GRB6-106	737067.25	1008679	20	Mv	7/18/2006	45	7	3	Cultural Debris	7/19/2006	Trash	Pass	KC	
Grenade Range	GRC2-28	737258.5	1007522.75	110	Mv	7/25/2006	170	7	14	Cultural Debris	8/23/2006	Scrap metal	Pass	KC	
Grenade Range	GRC3-54	737466.25	1007505.25	17	Mv	7/25/2006	18	7	2	Cultural Debris	8/23/2006	Scrap metal	-	-	
Grenade Range	GRC3-127	737497	1007842	58	Mv	7/26/2006	90	7	8	Cultural Debris	7/31/2006	Trash	-	-	
Grenade Range	GRC5-147	737457.5	1008427.5	33	Mv	8/1/2006	35	7	12	Cultural Debris	8/2/2006	Trash	-	-	
Grenade Range	GRD1-1	737646.5	1007480.5	19	Mv	7/21/2006	18	7	6	Cultural Debris	7/25/2006	Nail	-	-	
Grenade Range	GRD2-15	737594	1007742.75	24	Mv	7/21/2006	45	7	12	Cultural Debris	7/24/2006	Scrap metal	-	-	
Grenade Range	GRD3-14	737515.75	1007989.25	21	Mv	7/21/2006	16	7	15	Cultural Debris	7/24/2006	Trash	Pass	KC	
Grenade Range	GRD5-29	737520.2	1008329.54	19	Mv	7/21/2006	26	7	18	Cultural Debris	7/24/2006	Trash	Pass	KC	
Grenade Range	QRGAP_048	737152	1008007.25	30	mV	10/3/2006	32	7	6	Munitions Debris	10/12/2006	40mm base	Pass	KC	
Local Training Area	HS_208	737955.75	1007257.5	173	mV	10/2/2006	170	7	20	Cultural Debris	10/11/2006	R/R spike plate with 1 ea spike	Pass	KC	
Local Training Area	HS_370	739345.25	1007552.25	155	mV	10/2/2006	154	7	9	Munitions Debris	10/11/2006	Small Amns, several Seven .50 cal heads	Pass	KC	
Local Training Area	HS_580	740055.25	1007486.75	3678	mV	10/2/2006	3675	7	3	Cultural Debris	10/11/2006	Scrap metal	Pass	KC	
Local Training Area	HS_612	740445.75	1007588.75	1004	mV	10/2/2006	1006	7	20	Cultural Debris	10/11/2006	R/R spike plate with 2ea spikes	-	-	
Grenade Range	GRA2-1	736976	1007713.5	39	Mv	7/25/2006	36	6	24	Cultural Debris	8/1/2006	Scrap metal	-	-	
Grenade Range	GRA6-1	736935.25	1008620.75	139	Mv	7/17/2006	130	6	1	Cultural Debris	7/19/2006	Seed item	Pass	KC	
Grenade Range	GRA6-11	736987	1008606.25	59	Mv	7/17/2006	105	6	5	Cultural Debris	7/19/2006	Seed item	-	-	
Grenade Range	GRA6-13	736997.5	1008541	41	Mv	7/17/2006	65	6	18	Cultural Debris	7/19/2006	Piece of chain	-	-	
Grenade Range	GRA6-16	736994.25	1008539.5	42	Mv	7/17/2006	16	6	14	Cultural Debris	7/19/2006	Wire	Pass	KC	
Grenade Range	GRA6-21	736944.75	1008524	67	Mv	7/17/2006	130	6	1	Cultural Debris	7/19/2006	Seed item painted orange	Pass	KC	
Grenade Range	GRB2-23	737037.44	1007521.87	14	Mv	7/25/2006	40	6	30	Cultural Debris	8/1/2006	Scrap metal	Pass	KC	
Grenade Range	GRB3-10	737143	1007791	167	Mv	7/26/2006	169	6	3	Cultural Debris	7/27/2006	Seed item & 40mm head	Pass	KC	
Grenade Range	GRB3-100	737182.25	1007863.5	22	Mv	7/26/2006	21	6	12	Cultural Debris	7/27/2006	Trash	-	-	
Grenade Range	GRB3-102	737199.75	1007865.5	50	Mv	7/26/2006	55	6	3	Cultural Debris	7/27/2006	Seed item & 40mm head	-	-	
Grenade Range	GRB3-26	737040.5	1007836.5	37	Mv	7/26/2006	32	6	8	Cultural Debris	7/27/2006	Seed Item	-	-	
Grenade Range	GRB3-30	737082.5	1007915.25	59	Mv	7/26/2006	59	6	10	No Contact	7/27/2006	40mm head and Seed item, B3-0029 and B3-0030 are the same item.	Pass	KC	
Grenade Range	GRB3-34	737045.25	1007977	79	Mv	7/26/2006	86	6	10	Cultural Debris	7/27/2006	Seed item	Pass	KC	
Grenade Range	GRB3-8	737115.75	1007819.5	22	Mv	7/26/2006	55	6	10	Cultural Debris	7/27/2006	Trash	-	-	
Grenade Range	GRB3-89	737246.09	1007785.04	33	Mv	7/26/2006	78	6	8	Cultural Debris	7/27/2006	Seed item	Pass	KC	
Grenade Range	GRB3-94	737176.21	1007780.27	75	Mv	7/26/2006	69	6	4	Cultural Debris	7/27/2006	Wrench & 40mm head	-	-	
Grenade Range	GRB4-03	737203.5	1008048.25	52	Mv	7/20/2006	65	6	3	Munitions Debris	7/24/2006	40mm head	Pass	KC	
Grenade Range	GRB5-38	737169.25	1008454.25	69	Mv	7/27/2006	63	6	1	Cultural Debris	8/1/2006	Seed item	Pass	KC	
Grenade Range	GRB5-42	737227.5	1008478.25	153	Mv	7/27/2006	155	6	1	Cultural Debris	8/1/2006	Seed item	-	-	
Grenade Range	GRB6-175	737158.75	1008561.5	46	Mv	7/18/2006	50	6	8	Cultural Debris	7/20/2006	Seed Item	-	-	
Grenade Range	GRB6-192	737217.25	1008540.25	23	Mv	7/18/2006	23	6	24	Cultural Debris	7/19/2006	Wire many small bits	-	-	

APPENDIX B
SEAD 007-R-01 (Grenade Range) All Dig Results
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Seneca Army Depot Activity

Worksite	GPS SURVEY					REACQUISITION		DIG RESULTS				QPOST-DIG	QC	QC
	Anomaly ID	Location (ft) Easting (X) Northing (Y)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	Code	Initials
Grenade Range	GRB5-136	737073.67	1008458.57	41	Mv	7/26/2006	54	5	2	Munitions Debris	7/31/2006	40mm head	-	-
Grenade Range	GRB5-137	737077	1008456.5	45	Mv	7/26/2006	56	5	3	Munitions Debris	7/31/2006	40mm head	-	-
Grenade Range	GRB5-146	737097	1008478.25	51	Mv	7/26/2006	55	5	3	Munitions Debris	7/31/2006	40mm head	-	-
Grenade Range	GRB5-46	737209.75	1008419	50	Mv	7/27/2006	40	5	3	Munitions Debris	8/1/2006	40mm head	-	-
Grenade Range	GRB5-48	737245.25	1008403.25	33	Mv	7/27/2006	28	5	2	Cultural Debris	8/1/2006	Trash	-	-
Grenade Range	GRB5-72	737094	1008409.75	47	Mv	7/26/2006	54	5	9	MPPEH	7/31/2006	M-73 sub cal motor	-	-
Grenade Range	GRB5-82	737120	1008351.25	45	Mv	7/26/2006	76	5	4	Munitions Debris	7/31/2006	40mm head	-	-
Grenade Range	GRB5-85	737099.75	1008373.25	36	Mv	7/26/2006	74	5	2	Munitions Debris	7/31/2006	40mm head	-	-
Grenade Range	GRB5-95	737100.75	1008340.25	48	Mv	7/26/2006	56	5	2	Munitions Debris	7/31/2006	40mm head	-	-
Grenade Range	GRB5-96	737107	1008330.75	47	Mv	7/26/2006	49	5	3	Munitions Debris	7/31/2006	40mm head	-	-
Grenade Range	GRB5-99	737111.75	1008310.25	67	Mv	7/26/2006	89	5	2	Munitions Debris	7/31/2006	40mm head	-	-
Grenade Range	GRB7-23	737021.25	1008819.25	18	Mv	7/21/2006	23	5	24	Cultural Debris	7/24/2006	Trash	Pass	KC
Grenade Range	GRC3-113	737440	1007965.25	23	Mv	7/26/2006	25	5	14	Cultural Debris	7/27/2006	Trash	-	-
Grenade Range	GRC3-116	737446	1007931.5	18	Mv	7/26/2006	35	5	12	Cultural Debris	7/31/2006	Trash	-	-
Grenade Range	GRC3-8	737322.66	1007775.74	33	Mv	7/26/2006	20	5	10	Cultural Debris	7/31/2006	Trash	-	-
Grenade Range	GRC5-104	737334.25	1008251	53	Mv	7/27/2006	66	5	3	Munitions Debris	8/1/2006	40mm head	Pass	KC
Grenade Range	GRC5-105	737338.75	1008252.25	45	Mv	7/27/2006	46	5	5	Munitions Debris	8/1/2006	40mm head	Pass	KC
Grenade Range	GRC5-109	737346	1008259.75	44	Mv	7/27/2006	51	5	2	Munitions Debris	8/1/2006	40mm head	Pass	KC
Grenade Range	GRC5-119	737368	1008283.5	50	Mv	8/1/2006	49	5	3	Munitions Debris	8/1/2006	40mm head	-	-
Grenade Range	GRC5-124	737373.5	1008330.5	67	Mv	8/1/2006	68	5	3	Munitions Debris	8/1/2006	40mm head	-	-
Grenade Range	GRC5-125	737383	1008301	46	Mv	8/1/2006	45	5	3	Munitions Debris	8/1/2006	40mm head	-	-
Grenade Range	GRC5-130	737470	1008273.75	25	Mv	8/1/2006	23	5	6	Cultural Debris	8/1/2006	Trash	Pass	KC
Grenade Range	GRC5-132	737496.75	1008318.75	22	Mv	8/1/2006	21	5	5	Munitions Debris	8/1/2006	40mm head	-	-
Grenade Range	GRC5-137	737412.5	1008320.25	40	Mv	8/1/2006	43	5	3	Munitions Debris	8/1/2006	40mm head	Pass	KC
Grenade Range	GRC5-173	737401.25	1008457.5	17	Mv	8/1/2006	18	5	14	Cultural Debris	8/1/2006	Trash	-	-
Grenade Range	GRC5-66	737297.75	1008277.75	76	Mv	7/27/2006	69	5	3	Munitions Debris	8/2/2006	40mm head	Pass	KC
Grenade Range	GRC5-74	737301.75	1008310.75	55	Mv	7/27/2006	69	5	3	Munitions Debris	8/2/2006	40mm head	-	-
Grenade Range	GRC5-88	737335.75	1008276.75	52	Mv	7/27/2006	52	5	3	Munitions Debris	8/2/2006	40mm head	Pass	KC
Grenade Range	GRC6-09	737427	1008564.75	46	Mv	7/17/2006	124	5	3	MPPEH	7/19/2006	M-73 sub cal	-	-
Grenade Range	GRC6-113	737365.75	1008551.25	21	Mv	7/17/2006	36	5	2	Cultural Debris	7/20/2006	Wire	-	-
Grenade Range	GRC6-116	737378.25	1008551.25	37	Mv	7/17/2006	60	5	5	MPPEH	7/20/2006	M-73 sub cal motor	-	-
Grenade Range	GRC6-156	737490.75	1008728.5	178	Mv	7/17/2006	180	5	2	Cultural Debris	7/19/2006	Seed Item	-	-
Grenade Range	GRC6-168	737453.25	1008640.8	72	Mv	7/17/2006	102	5	3	MPPEH	7/19/2006	M-73 sub cal motor	-	-
Grenade Range	GRC6-22	737373.75	1008527.75	44	Mv	7/17/2006	55	5	1	Cultural Debris	7/19/2006	Seed Item	-	-
Grenade Range	GRC6-33	737352.75	1008543.25	69	Mv	7/17/2006	70	5	2	Cultural Debris	7/19/2006	Wire	Pass	KC
Grenade Range	GRC6-43	737348.25	1008529.5	52	Mv	7/17/2006	73	5	12	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRC6-52	737310.25	1008554.25	22	Mv	7/17/2006	36	5	2	Cultural Debris	7/19/2006	Trash	Pass	KC
Grenade Range	GRC6-56	737273.75	1008507.5	63	Mv	7/17/2006	64	5	1	Cultural Debris	7/19/2006	Seed Item	-	-
Grenade Range	GRC6-63	737268.5	1008543.25	36	Mv	7/17/2006	39	5	2	Cultural Debris	7/19/2006	Trash	Pass	KC
Grenade Range	GRC6-67	737274	1008553.75	133	Mv	7/17/2006	142	5	2	MPPEH	7/19/2006	M-73 sub cal motor	Pass	KC
Grenade Range	GRC6-70	737285.75	1008545	118	Mv	7/17/2006	127	5	3	Cultural Debris	7/19/2006	Trash	-	-
Grenade Range	GRC7-1	737430.07	1008751.33	22	Mv	7/21/2006	23	5	4	Cultural Debris	7/24/2006	Trash	Pass	KC
Grenade Range	GRC7-15	737310.5	1008912.75	23	Mv	7/21/2006	25	5	10	Cultural Debris	7/24/2006	Trash	Pass	KC
Grenade Range	GRD4-16	737564.56	1008089.06	18	Mv	7/21/2006	30	5	3	Cultural Debris	7/25/2006	Trash	Pass	KC
Grenade Range	GRD5-12	737595.75	1008315.75	29	Mv	7/21/2006	39	5	0	Hot Soil	7/24/2006	Hot rocks	Pass	KC
Grenade Range	GRGAP_005	737198	1008079.75	54	mV	10/3/2006	54	5	10	MPPEH	10/12/2006	M-73 sub cal pieces	Pass	KC
Grenade Range	GRGAP_010	737213.25	1008058	21	mV	10/3/2006	22	5	12	Cultural Debris	10/12/2006	Bolt	Pass	KC
Grenade Range	GRGAP_025	737437.25	1008092.75	222	mV	10/3/2006	221	5	18	Munitions Debris	10/12/2006	Sub cal with head	Pass	KC
Grenade Range	GRGAP_040	737259.25	1008799	20	mV	10/3/2006	23	5	10	Cultural Debris	10/10/2006	-	-	-
Grenade Range	GRGAP_047	737143.75	1008014	70	mV	10/3/2006	71	5	10	Cultural Debris	10/12/2006	Nails	Pass	KC
Local Training Area	HS_014	738473.5	1007228	229	mV	10/2/2006	229	5	24	Cultural Debris	10/10/2006	-	Pass	KC
Local Training Area	HS_047	739871.75	1007208.5	102	mV	10/2/2006	102	5	6	Munitions Debris	10/11/2006	Box fins	-	-
Local Training Area	HS_052	739856	1007173.75	1744	mV	10/2/2006	1744	5	1	Cultural Debris	10/11/2006	-	Pass	KC
Local Training Area	HS_064	739998.25	1007194	323	mV	10/2/2006	323	5	16	Cultural Debris	10/11/2006	-	Pass	KC
Local Training Area	HS_131	739793.573	1007281.206	129	mV	10/2/2006	129	5	10	Cultural Debris	10/11/2006	-	-	-

APPENDIX B
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Seneca Army Depot Activity

Worksite	Anomaly ID	GPS SURVEY			REACQUISITION		DIG RESULTS					QPOST-DIG QC			
		Location (ft)		Amp	Amp Unit	Date	Amp	Depth (In)	Location Offset (In)	Type	Date	Item Description	QC Code	QC Initials	
Grenade Range	GRB5-135	737059.75	1008467.25	42	Mv	7/26/2006	45	4	2		Munitions Debris	7/31/2006	40mm head	-	-
Grenade Range	GRB5-141	737078.25	1008480.5	56	Mv	7/26/2006	58	4	3		Munitions Debris	7/31/2006	40mm head	Pass	KC
Grenade Range	GRB5-159	737139.5	1008487.5	24	Mv	7/27/2006	90	4	12		MPPEH	8/1/2006	M-73 sub cal	-	-
Grenade Range	GRB5-24	737127.5	1008434	39	Mv	7/26/2006	104	4	3		Munitions Debris	7/31/2006	40mm head	-	-
Grenade Range	GRB5-64	737102.53	1008425.92	65	Mv	7/27/2006	95	4	6		MPPEH	7/31/2006	M-73 sub cal	-	-
Grenade Range	GRB5-79	737117.75	1008384.75	28	Mv	7/26/2006	50	4	3		Munitions Debris	7/31/2006	40mm head	-	-
Grenade Range	GRB5-80	737124.25	1008365.5	26	Mv	7/26/2006	27	4	9		Munitions Debris	7/31/2006	40mm head	-	-
Grenade Range	GRB5-86	737087.5	1008373.25	68	Mv	7/26/2006	71	4	2		Munitions Debris	7/31/2006	40mm head	Pass	KC
Grenade Range	GRB6-128	737064.5	1008744	39	Mv	7/18/2006	45	4	3		Cultural Debris	7/19/2006	Trash	Pass	KC
Grenade Range	GRB6-132	737083.5	1008738.25	90	Mv	7/18/2006	130	4	10		Cultural Debris	7/19/2006	Trash	-	-
Grenade Range	GRB6-14	737065.25	1008547.25	79	Mv	7/17/2006	85	4	6		Cultural Debris	7/20/2006	Wire pieces from old fence. B6-0014 and B6-0015 are the same item	-	-
Grenade Range	GRB6-152	737130.5	1008691.25	18	Mv	7/18/2006	80	4	12		MPPEH	7/19/2006	M-73 sub cal. Anomalies B6-153 and B6-152 are same item	-	-
Grenade Range	GRB6-164	737204.75	1008588.75	38	Mv	7/18/2006	275	4	10		MPPEH	7/20/2006	M-73 sub cal	-	-
Grenade Range	GRB6-213	737097.44	1008500.91	12	Mv	7/18/2006	55	4	1		Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRB6-222	737123.25	1008539.5	41	Mv	7/18/2006	16	4	10		Cultural Debris	7/19/2006	Trash	-	-
Grenade Range	GRB6-233	737115	1008556.25	29	Mv	7/18/2006	16	4	4		Cultural Debris	7/20/2006	Trash	-	-
Grenade Range	GRB6-40	737052.5	1008608.25	32	Mv	7/18/2006	35	4	8		Cultural Debris	7/20/2006	Trash	-	-
Grenade Range	GRB6-57	737123.25	1008616.5	26	Mv	7/18/2006	60	4	5		Cultural Debris	7/20/2006	Trash	-	-
Grenade Range	GRB6-62	737075	1008647.5	17	Mv	7/18/2006	65	4	6		Cultural Debris	7/20/2006	Trash, B6-0065 and B6-0062 are the same item.	Pass	KC
Grenade Range	GRB6-93	737121.69	1008682.36	86	Mv	7/18/2006	230	4	7		Munitions Debris	7/19/2006	40mm head	Pass	KC
Grenade Range	GRB7-29	737033.25	1008877.5	19	Mv	7/21/2006	2	4	6		Cultural Debris	7/24/2006	Trash	Pass	KC
Grenade Range	GRB7-5	737226.75	1008832	24	Mv	7/21/2006	36	4	18		Munitions Debris	7/24/2006	40mm head	-	-
Grenade Range	GRB7-7	737170.75	1008786.25	22	Mv	7/21/2006	23	4	8		Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC2-18	737347.75	1007559.25	16	Mv	7/25/2006	12	4	24		Cultural Debris	7/25/2006	Steel file	Pass	KC
Grenade Range	GRC2-22	737309.5	1007554.75	19	Mv	7/25/2006	21	4	10		Cultural Debris	8/23/2006	Scrap metal	Pass	KC
Grenade Range	GRC2-40	737324.75	1007533.5	19	Mv	7/25/2006	20	4	6		Cultural Debris	8/23/2006	Several nails	-	-
Grenade Range	GRC2-44	737337.75	1007529	18	Mv	7/25/2006	18	4	24		Cultural Debris	8/23/2006	Nails	Pass	KC
Grenade Range	GRC3-1	737367.5	1007778.25	17	Mv	7/26/2006	25	4	10		Cultural Debris	7/31/2006	Wire	-	-
Grenade Range	GRC3-10	737306.25	1007769.75	52	Mv	7/26/2006	95	4	6		MPPEH	7/31/2006	M-73 sub cal motor	-	-
Grenade Range	GRC3-106	737429.25	1007995.25	17	Mv	7/26/2006	19	4	12		Cultural Debris	7/27/2006	Wire	Pass	KC
Grenade Range	GRC3-117	737433.75	1007924.75	32	Mv	7/25/2006	19	4	12		Cultural Debris	7/31/2006	Nail	-	-
Grenade Range	GRC3-135	737409.25	1007775.5	31	Mv	7/26/2006	40	4	10		Cultural Debris	7/31/2006	Wire	-	-
Grenade Range	GRC3-37	737298	1007880.75	18	Mv	7/25/2006	35	4	8		Cultural Debris	7/31/2006	Trash	Pass	KC
Grenade Range	GRC3-38	737288.6	1007863.04	53	Mv	7/25/2006	90	4	4		Cultural Debris	7/31/2006	Trash	Pass	KC
Grenade Range	GRC3-4	737340.75	1007762.25	37	Mv	7/26/2006	24	4	18		MPPEH	7/31/2006	M-73 sub cal motor	-	-
Grenade Range	GRC4-127	737331.25	1008159.25	41	Mv	7/20/2006	60	4	2		Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-133	737378.5	1008161.5	36	Mv	7/20/2006	65	4	0		Munitions Debris	7/24/2006	40mm round	Pass	KC
Grenade Range	GRC4-136	737360.75	1008180.5	51	Mv	7/20/2006	40	4	2		Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-18	737295.25	1008183.25	27	Mv	7/20/2006	45	4	2		Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-34	737333	1008238.75	40	Mv	7/20/2006	65	4	1		Munitions Debris	7/24/2006	40mm head	-	-
Grenade Range	GRC4-37	737352.75	1008247.5	49	Mv	7/20/2006	45	4	0		Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-38	737366.75	1008241.75	172	Mv	7/20/2006	130	4	0		MPPEH	7/24/2006	M-73 sub cal	-	-
Grenade Range	GRC4-41	737364.5	1008223.5	37	Mv	7/20/2006	55	4	2		Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-51	737483.5	1008220.75	88	Mv	7/21/2006	80	4	4		Cultural Debris	7/25/2006	Seed Item	-	-
Grenade Range	GRC4-62	737411.5	1008051.25	101	Mv	7/21/2006	95	4	4		MPPEH	7/25/2006	M-73 sub cal motor	Pass	KC
Grenade Range	GRC4-7	737331	1008187.75	29	Mv	7/20/2006	43	4	2		Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-73	737335.75	1008084	46	Mv	7/21/2006	70	4	2		Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-79	737348.25	1008032.5	27	Mv	7/21/2006	105	4	3		MPPEH	7/25/2006	M-73 sub cal motor	Pass	KC
Grenade Range	GRC4-8	737332	1008179	65	Mv	7/20/2006	75	4	2		Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-86	737369.5	1008016.5	35	Mv	7/21/2006	45	4	3		Munitions Debris	7/25/2006	40mm head	Pass	KC
Grenade Range	GRC-4B-1	737347.6	1008166.7	1	Mv	10/16/2006	1	4	0		Munitions Debris	8/4/2006	Two 40mm found inside polygon C-4-1	-	-
Grenade Range	GRC5-100	737308	1008259.5	91	Mv	7/27/2006	102	4	3		Munitions Debris	8/2/2006	40mm head	-	-
Grenade Range	GRC5-103	737316.5	1008253.25	44	Mv	7/27/2006	39	4	3		Munitions Debris	8/2/2006	40mm head	-	-
Grenade Range	GRC5-107	737346.75	1008268.5	41	Mv	7/27/2006	44	4	3		Munitions Debris	8/1/2006	40mm head	Pass	KC
Grenade Range	GRC5-108	737348.75	1008265.5	63	Mv	7/27/2006	63	4	6		Munitions Debris	8/1/2006	40mm head	-	-

APPENDIX B
SEAD 007-R-01 (Grenade Range) All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC Code	QC Initials	
	Anomaly ID	Location (ft) Easting (X) Northing (Y)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date			Item Description
Grenade Range	GRC7-24	737472.5	1008849	24	Mv	7/21/2006	25	4	20	Cultural Debris	7/24/2006	Trash	Pass	KC
Grenade Range	GRD2-5	737513.13	1007504.55	53	Mv	7/21/2006	90	4	14	Cultural Debris	7/24/2006	R/R spike	-	
Grenade Range	GRD3-6	737528.62	1007784.66	14	Mv	7/21/2006	35	4	6	Cultural Debris	7/24/2006	Wire pieces.	-	
Grenade Range	GRD5-1	737521.75	1008273	84	Mv	7/21/2006	99	4	3	Cultural Debris	7/24/2006	Seed Item	Pass	KC
Grenade Range	GRD5-15	737552.25	1008367.5	18	Mv	7/21/2006	20	4	3	Cultural Debris	7/24/2006	Trash	Pass	KC
Grenade Range	GRD5-21	737553	1008426.25	35	Mv	7/21/2006	54	4	3	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRD5-8	737571.5	1008298.5	17	Mv	7/21/2006	23	4	20	Hot Soil	7/24/2006	Several hot rocks	Pass	KC
Grenade Range	GRD6-2	737586	1008698.75	30	Mv	7/31/2006	32	4	10	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRGAP_007	737201.75	1008071.25	94	mV	10/3/2006	95	4	8	MPPEH	10/12/2006	M-73 sub cal law	Pass	KC
Grenade Range	GRGAP_008	737196.75	1008071.25	197	mV	10/3/2006	199	4	11	Cultural Debris	10/12/2006	Nails	Pass	KC
Grenade Range	GRGAP_011	737318.25	1008034.75	34	mV	10/3/2006	33	4	9	Munitions Debris	10/12/2006	40mm base	Pass	KC
Grenade Range	GRGAP_017	737340.807	1008001.128	25	mV	10/3/2006	25	4	10	Cultural Debris	10/12/2006	Nail	Pass	KC
Grenade Range	GRGAP_018	737340.923	1008008.866	23	mV	10/3/2006	24	4	20	Munitions Debris	10/12/2006	40mm base (2x)	Pass	KC
Grenade Range	GRGAP_033	737360	1008164	184	mV	10/3/2006	185	4	22	Munitions Debris	10/12/2006	40 mm base	Pass	KC
Grenade Range	GRGAP_039	737280.278	1008797.899	55	mV	10/3/2006	57	4	12	Cultural Debris	10/10/2006	-	-	
Grenade Range	GRGAP_041	737256.25	1008797.5	37	mV	10/3/2006	38	4	10	Cultural Debris	10/10/2006	-	-	
Grenade Range	GRGAP_050	737158.75	1007976.75	19	mV	10/3/2006	21	4	8	Cultural Debris	10/12/2006	Nail	Pass	KC
Grenade Range	GRGAP_052	737168.75	1008009.75	57	mV	10/3/2006	54	4	9	Munitions Debris	10/12/2006	Balistic weight for 40 mm	Pass	KC
Local Training Area	HS_011	738485.75	1007153.75	27	mV	11/30/2006	27	4	2	Cultural Debris	11/2/2006	Wire	-	
Local Training Area	HS_015	738508.25	1007251.25	18	mV	11/30/2006	18	4	20	Cultural Debris	11/2/2006	Nail	-	
Local Training Area	HS_019	738525.75	1007192.5	275	mV	10/2/2006	275	4	5	Cultural Debris	10/10/2006	-	Pass	KC
Local Training Area	HS_022	738817.141	1007213.85	30	mV	11/30/2006	30	4	20	Cultural Debris	11/2/2006	Can lid	-	
Local Training Area	HS_023	738822.5	1007207.5	564	mV	10/2/2006	564	4	12	Cultural Debris	10/10/2006	-	-	
Local Training Area	HS_045	739888	1007208.25	1196	mV	10/2/2006	1196	4	10	Munitions Debris	10/11/2006	box fins	-	
Local Training Area	HS_046	739881	1007204	587	mV	10/2/2006	587	4	8	Munitions Debris	10/11/2006	box fins	-	
Local Training Area	HS_048	739870	1007201.75	460	mV	10/2/2006	460	4	12	Cultural Debris	10/11/2006	-	-	
Local Training Area	HS_055	739890.25	1007173	448	mV	10/2/2006	448	4	6	Cultural Debris	10/11/2006	-	-	
Local Training Area	HS_077	739953	1007223.75	37795	mV	10/2/2006	5000	4	8	Munitions Debris	10/11/2006	Box fin	-	
Local Training Area	HS_114	739907	1007303.5	155	mV	10/2/2006	155	4	4	Cultural Debris	10/11/2006	-	-	
Local Training Area	HS_135	739502.322	1007244.836	31	mV	11/30/2006	31	4	7	Cultural Debris	11/2/2006	Nail	-	
Local Training Area	HS_139	738940.25	1007329.75	26	mV	11/30/2006	26	4	6	Cultural Debris	11/2/2006	Wire	-	
Local Training Area	HS_143	738910.25	1007277.25	96	mV	11/30/2006	96	4	4	Cultural Debris	11/2/2006	Scrap metal	-	
Local Training Area	HS_145	738835	1007269.25	17	mV	11/30/2006	17	4	20	Cultural Debris	11/2/2006	Nail	-	
Local Training Area	HS_153	738032.5	1007441.25	193	mV	10/2/2006	194	4	9	Cultural Debris	10/10/2006	Bracket	Pass	KC
Local Training Area	HS_188	737870.5	1007534.5	108	mV	10/2/2006	105	4	14	Cultural Debris	10/10/2006	Iron rod	Pass	KC
Local Training Area	HS_216	737946.75	1007225.75	195	mV	10/2/2006	196	4	5	Cultural Debris	10/10/2006	-	Pass	KC
Local Training Area	HS_257	737959.5	1007185.5	477	mV	10/2/2006	479	4	6	Cultural Debris	10/10/2006	-	Pass	KC
Local Training Area	HS_265	737983.5	1007177	109	mV	10/2/2006	108	4	20	Cultural Debris	10/10/2006	-	Pass	KC
Local Training Area	HS_271	737962.75	1007152	918	mV	10/2/2006	920	4	3	Munitions Debris	10/10/2006	3 57mm, 1 37mm, 2.36 cone found	Pass	KC
Local Training Area	HS_277	740300.5	1007618	338	mV	10/2/2006	337	4	26	Cultural Debris	10/11/2006	R/R spike plate	-	
Local Training Area	HS_282	740326.25	1007582.75	152	mV	10/2/2006	153	4	25	Cultural Debris	10/11/2006	Iron rods 2ea and a pit of nails	-	
Local Training Area	HS_295	740023.75	1007511.25	169	mV	10/2/2006	167	4	2	Cultural Debris	10/11/2006	Scrap iron, truck part	-	
Local Training Area	HS_327	739929	1007592.25	1262	mV	10/2/2006	1263	4	6	Cultural Debris	10/11/2006	-	Pass	KC
Local Training Area	HS_336	739857.25	1007570.25	938	mV	10/2/2006	941	4	7	Cultural Debris	10/11/2006	-	Pass	KC
Local Training Area	HS_337	739852.75	1007581.75	785	mV	10/2/2006	786	4	12	Cultural Debris	10/11/2006	-	Pass	KC
Local Training Area	HS_341	739829.5	1007578.5	885	mV	10/2/2006	888	4	6	Cultural Debris	10/11/2006	-	Pass	KC
Local Training Area	HS_345	739814.563	1007564.489	4436	mV	10/2/2006	4438	4	24	Cultural Debris	10/11/2006	-	Pass	KC
Local Training Area	HS_354	739752.75	1007502.75	2479	mV	10/2/2006	2475	4	3	Cultural Debris	10/11/2006	-	Pass	KC
Local Training Area	HS_359	739472.25	1007583.5	98	mV	11/30/2006	98	4	10	Cultural Debris	11/6/2006	R/R spike	-	
Local Training Area	HS_380	738934.75	1007551	352	mV	10/2/2006	354	4	0	Cultural Debris	10/24/2006	Scrap metal	Pass	KC
Local Training Area	HS_382	738883	1007553.5	132	mV	10/2/2006	135	4	11	Cultural Debris	10/10/2006	Scrap aluminum	Pass	KC
Local Training Area	HS_387	738508.75	1007544.75	110	mV	10/2/2006	110	4	10	Cultural Debris	10/10/2006	R/R Spike	Pass	KC
Local Training Area	HS_396	738454.5	1007521.25	215	mV	10/2/2006	214	4	8	Munitions Debris	10/10/2006	Small Arms, 42 ea small arms heads, 50 and 30 cal. also 25 ft. of como wire.	Pass	KC
Local Training Area	HS_436	738427.887	1007449.633	2735	mV	10/2/2006	2735	4	0	Munitions Debris	10/17/2006	Small Arms, 259 .50 cal heads from a 2' x 2.5' hole. Indication of contaminated area at least 6 x 6'	-	

APPENDIX B
SEAD 007-R-01 (Grenade Range) All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	GPS SURVEY					REACQUISITION		DIG RESULTS				QPOST-DIG QC		
	Anomaly ID	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
		Easting (X)	Northing (Y)											
Grenade Range	GRB4-01	737240.25	1008005.5	40	Mv	7/20/2006	50	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-02	737232	1008035.5	40	Mv	7/20/2006	60	3	2	MPPEH	7/24/2006	37mm	-	
Grenade Range	GRB4-04	737204.5	1008059.5	31	Mv	7/20/2006	25	3	3	Cultural Debris	7/24/2006	Trash	-	
Grenade Range	GRB4-05	737202	1008061.5	38	Mv	7/20/2006	55	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-07	737200.5	1008066	68	Mv	7/20/2006	370	3	5	MPPEH	7/24/2006	M-73 sub cal motor	-	
Grenade Range	GRB4-08	737192.16	1008069.7	34	Mv	7/20/2006	130	3	3	MPPEH	7/24/2006	M-73 sub cal	Pass	KC
Grenade Range	GRB4-09	737188.5	1008069	44	Mv	7/20/2006	45	3	2	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRB4-10	737188.25	1008073.25	40	Mv	7/20/2006	50	3	2	Cultural Debris	7/24/2006	Trash	Pass	KC
Grenade Range	GRB4-11	737187.75	1008080.75	18	Mv	7/20/2006	30	3	3	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-12	737184.75	1008117.25	78	Mv	7/20/2006	130	3	2	Cultural Debris	7/24/2006	Seed Item	Pass	KC
Grenade Range	GRB4-17	737126.5	1008074	20	Mv	7/20/2006	40	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-19	737127	1008068.5	50	Mv	7/20/2006	80	3	2	Cultural Debris	7/24/2006	Seed Item	Pass	KC
Grenade Range	GRB4-24	737140.75	1008009.75	89	Mv	7/20/2006	60	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-25	737133	1008007.25	36	Mv	7/20/2006	55	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-31	737107.5	1008101.75	36	Mv	7/20/2006	40	3	3	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-33	737110.5	1008122	22	Mv	7/20/2006	64	3	3	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRB4-36	737098.25	1008163	42	Mv	7/20/2006	52	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-37	737113.25	1008170.75	76	Mv	7/20/2006	85	3	8	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRB4-40	737121.25	1008199.75	21	Mv	7/20/2006	45	3	3	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRB4-41	737123.75	1008217	18	Mv	7/20/2006	21	3	3	Munitions Debris	7/24/2006	40mm head and seed item	Pass	KC
Grenade Range	GRB4-43	737103.25	1008230.75	45	Mv	7/20/2006	54	3	4	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-44	737109.5	1008230	55	Mv	7/20/2006	50	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-45	737146.5	1008235.5	43	Mv	7/20/2006	55	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-46	737157.5	1008239	59	Mv	7/20/2006	70	3	3	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRB4-47	737172.5	1008245.75	40	Mv	7/20/2006	63	3	3	Cultural Debris	7/24/2006	Seed Item	Pass	KC
Grenade Range	GRB4-48	737183.25	1008224.75	33	Mv	7/20/2006	40	3	4	Cultural Debris	7/24/2006	Trash	-	
Grenade Range	GRB4-49	737224	1008232.25	45	Mv	7/20/2006	85	3	2	Cultural Debris	7/24/2006	Seed Item	-	
Grenade Range	GRB4-50	737243.75	1008220.75	18	Mv	7/20/2006	58	3	3	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-53	737211.25	1008195.5	34	Mv	7/20/2006	56	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-54	737185	1008172	36	Mv	7/20/2006	56	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-57	737157.71	1008195.46	25	Mv	7/20/2006	70	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-58	737151	1008202.75	44	Mv	7/20/2006	55	3	3	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRB4-59	737139.75	1008207.5	34	Mv	7/20/2006	70	3	3	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRB4-62	737168.25	1008153.25	50	Mv	7/20/2006	1000	3	3	MPPEH	7/24/2006	M-73 sub cal	Pass	KC
Grenade Range	GRB4-63	737199.75	1008146.25	35	Mv	7/20/2006	60	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-64	737208.75	1008159.75	25	Mv	7/20/2006	48	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-68	737220.75	1008144	28	Mv	7/20/2006	50	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-69	737221.75	1008119.25	20	Mv	7/20/2006	40	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-71	737214.25	1008105.25	35	Mv	7/20/2006	60	3	3	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRB4-75	737225.25	1008076.5	40	Mv	7/20/2006	60	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-77	737226.75	1008091.5	95	Mv	7/20/2006	120	3	2	Cultural Debris	7/24/2006	Trash	Pass	KC
Grenade Range	GRB4-81	737249.4	1008054.38	48	Mv	7/20/2006	60	3	3	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-82	737239.5	1008048.25	34	Mv	7/20/2006	60	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRB4-83	737239.75	1008030.5	32	Mv	7/20/2006	56	3	3	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRB5-100	737133.75	1008308	78	Mv	7/27/2006	100	3	5	MPPEH	8/1/2006	M-73 sub cal motor	Pass	KC
Grenade Range	GRB5-103	737140.25	1008315.25	26	Mv	7/27/2006	100	3	3	MPPEH	8/1/2006	M-73 sub cal motor	Pass	KC
Grenade Range	GRB5-109	737216.75	1008284.25	116	Mv	7/27/2006	175	3	2	Munitions Debris	8/1/2006	40mm head	-	
Grenade Range	GRB5-110	737220.75	1008283	28	Mv	7/27/2006	100	3	5	MPPEH	8/1/2006	M-73 sub cal motor	-	
Grenade Range	GRB5-111	737204.5	1008263	61	Mv	7/27/2006	50	3	3	Munitions Debris	8/1/2006	40mm head	-	
Grenade Range	GRB5-112	737175.75	1008266	36	Mv	7/27/2006	79	3	3	Munitions Debris	8/1/2006	40mm head	-	
Grenade Range	GRB5-115	737134	1008255	118	Mv	7/27/2006	200	3	4	MPPEH	8/1/2006	M-73 sub cal motor	-	
Grenade Range	GRB5-118	737100.25	1008286.5	86	Mv	7/26/2006	136	3	3	MPPEH	7/31/2006	M-73 sub cal motor	-	
Grenade Range	GRB5-122	737011.25	1008323	25	Mv	7/27/2006	35	3	2	Cultural Debris	7/31/2006	Trash	-	
Grenade Range	GRB5-123	737012.25	1008338.75	102	Mv	7/27/2006	102	3	2	Cultural Debris	7/31/2006	Seed Item	-	
Grenade Range	GRB5-128	737058.75	1008443.75	32	Mv	7/26/2006	50	3	2	Munitions Debris	7/31/2006	40mm head	-	

APPENDIX B
SEAD 007-R-01 (Grenade Range) All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	GPS SURVEY			REACQUISITION		DIG RESULTS					QPOST-DIG QC		
		Location (ft) Easting (X) Northing (Y)	Amp	Amp Unit	Date	Amp	Depth (In)	Location Offset (In)	Type	Date	Item Description	QC Code	QC Initials	
Grenade Range	GRB6-228	737120.75	1008550.75	28	Mv	7/18/2006	115	3	12	Cultural Debris	7/20/2006	Wire pieces from old fence	-	
Grenade Range	GRB6-230	737110.5	1008551	22	Mv	7/18/2006	25	3	12	Cultural Debris	7/20/2006	Wire pieces from an old fence	-	
Grenade Range	GRB6-231	737111.75	1008557.75	27	Mv	7/18/2006	35	3	8	Cultural Debris	7/20/2006	Wire pieces from from an old fence	-	
Grenade Range	GRB6-236	737125.25	1008563	118	Mv	7/18/2006	175	3	9	MPPEH	7/20/2006	M-73 sub cal motor	-	
Grenade Range	GRB6-29	737017.25	1008673	29	Mv	7/18/2006	48	3	2	Munitions Debris	7/19/2006	40mm head	Pass	KC
Grenade Range	GRB6-3	737115.5	1008571	90	Mv	7/18/2006	140	3	8	MPPEH	7/20/2006	M-73 sub cal motor. B6-0003 and B6-0002 are the same item.	-	
Grenade Range	GRB6-4	737112.25	1008566.75	31	Mv	7/18/2006	75	3	12	Cultural Debris	7/20/2006	Trash	Pass	KC
Grenade Range	GRB6-50	737108.75	1008594.25	67	Mv	7/18/2006	125	3	2	Munitions Debris	7/20/2006	40mm head	-	
Grenade Range	GRB6-60	737092.5	1008623.5	92	Mv	7/18/2006	95	3	4	Munitions Debris	7/20/2006	40mm head	-	
Grenade Range	GRB6-77	737184.25	1008646.25	128	Mv	7/18/2006	180	3	7	MPPEH	7/19/2006	M-73 sub cal. Anomalies B6-78 and B6-77 are same item	-	
Grenade Range	GRB6-87	737153.75	1008661	154	Mv	7/18/2006	57	3	6	Munitions Debris	7/19/2006	40mm head	-	
Grenade Range	GRB6-90	737136	1008667.5	43	Mv	7/18/2006	160	3	10	MPPEH	7/19/2006	M-73 sub cal motor	-	
Grenade Range	GRB6-92	737127.5	1008680	32	Mv	7/18/2006	105	3	8	MPPEH	7/19/2006	M-73 sub cal	-	
Grenade Range	GRB6-97	737112	1008677.5	39	Mv	7/18/2006	48	3	10	MPPEH	7/19/2006	M-73 sub cal. Anomalies B6-96 and B6-97 are same item	-	
Grenade Range	GRB7-1	737159.5	1008894	46	Mv	7/21/2006	63	3	6	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRB7-22	737024.5	1008781	27	Mv	7/21/2006	48	3	12	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRB7-26	737059.5	1008848.5	36	Mv	7/21/2006	39	3	5	MPPEH	7/24/2006	M-73 sub cal	Pass	KC
Grenade Range	GRB7-30	737051.75	1008890	44	Mv	7/21/2006	53	3	8	Cultural Debris	7/24/2006	Trash	Pass	KC
Grenade Range	GRC1-1	737342.75	1007486	21	Mv	7/21/2006	33	3	8	MPPEH	7/25/2006	M-73 sub cal motor	Pass	KC
Grenade Range	GRC2-16	737368.75	1007611.25	39	Mv	7/25/2006	39	3	10	Munitions Debris	8/23/2006	40mm	-	
Grenade Range	GRC2-21	737308	1007554	19	Mv	7/25/2006	20	3	8	Cultural Debris	8/23/2006	Scrap metal	Pass	KC
Grenade Range	GRC2-42	737333.5	1007534.75	22	Mv	7/25/2006	23	3	8	Cultural Debris	8/23/2006	Nails	Pass	KC
Grenade Range	GRC2-43	737336.75	1007539.25	24	Mv	7/25/2006	27	3	24	Cultural Debris	8/23/2006	Scrap metal and nail	Pass	KC
Grenade Range	GRC3-105	737401.5	1007995.5	30	Mv	7/26/2006	40	3	1	Munitions Debris	7/27/2006	Frag	Pass	KC
Grenade Range	GRC3-136	737391.5	1007755	29	Mv	7/26/2006	50	3	8	Munitions Debris	7/31/2006	40mm head	-	
Grenade Range	GRC3-18	737252.75	1007831.5	31	Mv	7/25/2006	51	3	6	Cultural Debris	7/31/2006	Trash	-	
Grenade Range	GRC3-22	737256	1007862.75	62	Mv	7/25/2006	70	3	1	Munitions Debris	7/31/2006	40mm head	-	
Grenade Range	GRC3-28	737303.5	1007940.25	54	Mv	7/26/2006	60	3	4	Munitions Debris	7/27/2006	Frag	Pass	KC
Grenade Range	GRC3-3	737348.5	1007791	46	Mv	7/26/2006	50	3	4	Munitions Debris	7/31/2006	40mm head	-	
Grenade Range	GRC3-36	737294.75	1007889.75	49	Mv	7/25/2006	68	3	10	Cultural Debris	7/31/2006	Trash	-	
Grenade Range	GRC3-40	737320.25	1007845.25	50	Mv	7/25/2006	75	3	10	Munitions Debris	7/31/2006	40mm head	-	
Grenade Range	GRC3-43	737315.25	1007875	40	Mv	7/25/2006	47	3	10	Munitions Debris	7/31/2006	40mm head	Pass	KC
Grenade Range	GRC3-46	737313.75	1007906.5	28	Mv	7/25/2006	42	3	14	Munitions Debris	7/31/2006	40mm head	-	
Grenade Range	GRC3-51	737344.75	1007867.5	49	Mv	7/25/2006	62	3	8	Munitions Debris	7/31/2006	40mm head & 1 ea piece of scrap metal	-	
Grenade Range	GRC3-52	737358.5	1007857.25	41	Mv	7/25/2006	60	3	2	Munitions Debris	7/31/2006	40mm head	-	
Grenade Range	GRC3-58	737378.75	1007877.5	41	Mv	7/25/2006	35	3	4	Munitions Debris	7/31/2006	40mm head	-	
Grenade Range	GRC3-60	737375.25	1007895.5	28	Mv	7/25/2006	60	3	2	Munitions Debris	7/31/2006	40mm head	-	
Grenade Range	GRC3-65	737367.25	1007910	29	Mv	7/25/2006	45	3	4	MPPEH	7/31/2006	57mm ap head	-	
Grenade Range	GRC3-67	737360.75	1007905.75	35	Mv	7/26/2006	42	3	3	Munitions Debris	7/31/2006	40mm head	-	
Grenade Range	GRC3-68	737360.25	1007913.5	60	Mv	7/25/2006	90	3	4	Munitions Debris	7/31/2006	40mm head	-	
Grenade Range	GRC3-70	737343.75	1007921.5	41	Mv	7/25/2006	55	3	8	Munitions Debris	7/31/2006	40mm head	Pass	KC
Grenade Range	GRC3-72	737351.75	1007939	61	Mv	7/26/2006	62	3	24	Munitions Debris	7/31/2006	40mm head & Frag found	Pass	KC
Grenade Range	GRC3-74	737361.5	1007956	34	Mv	7/26/2006	36	3	4	Munitions Debris	7/27/2006	Frag	-	
Grenade Range	GRC3-79	737394.25	1007947	42	Mv	7/26/2006	97	3	14	Cultural Debris	7/31/2006	Horse shoe piece	Pass	KC
Grenade Range	GRC3-80	737403.25	1007972.5	41	Mv	7/26/2006	40	3	8	Munitions Debris	7/27/2006	Frag	Pass	KC
Grenade Range	GRC3-84	737348.5	1007973.75	40	Mv	7/26/2006	41	3	6	Munitions Debris	7/27/2006	Frag	-	
Grenade Range	GRC3-90	737288.25	1007958.75	46	Mv	7/26/2006	55	3	12	Munitions Debris	7/27/2006	Frag	-	
Grenade Range	GRC3-99	737342	1007995	47	Mv	7/26/2006	300	3	24	Munitions Debris	7/27/2006	Frag	Pass	KC
Grenade Range	GRC4-10	737315.75	1008179	33	Mv	7/20/2006	55	3	2	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-100	737293.75	1008049	41	Mv	7/20/2006	58	3	2	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-102	737281.5	1008057.25	36	Mv	7/20/2006	45	3	3	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRC4-103	737268.75	1008049.25	38	Mv	7/20/2006	60	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRC4-108	737270.5	1008081.5	32	Mv	7/20/2006	45	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRC4-109	737265	1008073.5	19	Mv	7/20/2006	30	3	2	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-11	737319	1008191.5	52	Mv	7/20/2006	55	3	2	Munitions Debris	7/24/2006	40mm head	Pass	KC

APPENDIX B
SEAD 007-R-01 (Grenade Range) All Dig Results
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Seneca Army Depot Activity

Worksite	GPS SURVEY					REACQUISITION		DIG RESULTS				QPOST-DIG QC		
	Anomaly ID	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
		Easting (X)	Northing (Y)											
Grenade Range	GRC4-67	737417.75	1008092.75	169	Mv	7/21/2006	170	3	3	MPPEH	7/25/2006	M-73 sub cal motor	-	
Grenade Range	GRC4-68	737402	1008106	23	Mv	7/21/2006	60	3	3	MPPEH	7/25/2006	M-73 sub cal motor	-	
Grenade Range	GRC4-69	737376.25	1008108.75	47	Mv	7/21/2006	65	3	3	Munitions Debris	7/25/2006	40mm head	-	
Grenade Range	GRC4-70	737371	1008117.5	46	Mv	7/21/2006	50	3	2	Munitions Debris	7/25/2006	40mm head	-	
Grenade Range	GRC4-71	737367.5	1008084.25	20	Mv	7/21/2006	30	3	2	Munitions Debris	7/25/2006	40mm head	-	
Grenade Range	GRC4-72	737347.25	1008084	58	Mv	7/21/2006	75	3	2	Munitions Debris	7/25/2006	40mm head	-	
Grenade Range	GRC4-74	737323.75	1008090.5	26	Mv	7/20/2006	51	3	2	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-75	737333.75	1008058.25	63	Mv	7/21/2006	68	3	2	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-76	737346.25	1008044.5	27	Mv	7/21/2006	35	3	2	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-77	737337.75	1008027	21	Mv	7/21/2006	25	3	2	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-78	737345	1008027.25	55	Mv	7/21/2006	50	3	1	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRC4-82	737356.5	1008035.5	39	Mv	7/21/2006	45	3	2	Munitions Debris	7/25/2006	40mm head	Pass	KC
Grenade Range	GRC4-83	737359	1008041.25	17	Mv	7/21/2006	45	3	2	Munitions Debris	7/25/2006	40mm head	-	
Grenade Range	GRC4-84	737361.5	1008045.75	37	Mv	7/21/2006	63	3	2	Munitions Debris	7/25/2006	40mm head	-	
Grenade Range	GRC4-85	737370.5	1008049	40	Mv	7/21/2006	68	3	2	Munitions Debris	7/25/2006	40mm head	Pass	KC
Grenade Range	GRC4-87	737362.75	1008018.75	65	Mv	7/21/2006	54	3	2	Munitions Debris	7/25/2006	40mm head	Pass	KC
Grenade Range	GRC4-88	737357.75	1008010	54	Mv	7/21/2006	42	3	2	Munitions Debris	7/25/2006	40mm head	Pass	KC
Grenade Range	GRC4-89	737347.46	1008001.3	141	Mv	7/20/2006	500	3	5	MPPEH	7/25/2006	M-73 sub cal motor	-	
Grenade Range	GRC4-9	737322.25	1008174.25	32	Mv	7/20/2006	55	3	2	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-90	737330.5	1008001.75	52	Mv	7/20/2006	75	3	1	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRC4-91	737320.75	1008018.5	39	Mv	7/20/2006	60	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRC4-92	737304	1008015.25	32	Mv	7/20/2006	70	3	1	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRC4-93	737296.25	1008022.75	37	Mv	7/20/2006	60	3	1	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-94	737259.75	1008004	30	Mv	7/20/2006	50	3	2	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-95	737274.5	1008025.75	20	Mv	7/20/2006	55	3	3	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRC4-96	737286.5	1008034.5	47	Mv	7/20/2006	60	3	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRC4-97	737301	1008030	46	Mv	7/20/2006	65	3	1	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-98	737302.5	1008038	53	Mv	7/20/2006	75	3	2	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-99	737298	1008046.75	36	Mv	7/20/2006	70	3	2	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC-4A-1	737347.8	1008160.2	1	Mv	10/16/2006	1	3	0	Munitions Debris	8/4/2006	40mm head found inside polygon C-4-1	-	
Grenade Range	GRC-4C-1A	737354.9	1008173.5	1	Mv	10/16/2006	1	3	0	Munitions Debris	8/4/2006	40mm head found inside polygon C-4-1	-	
Grenade Range	GRC5-101	737311.75	1008258.25	51	Mv	7/27/2006	55	3	3	Munitions Debris	8/2/2006	40mm head	-	
Grenade Range	GRC5-102	737312.15	1008250.96	70	Mv	7/27/2006	96	3	3	MPPEH	8/2/2006	M-73 sub cal motor	-	
Grenade Range	GRC5-106	737336.5	1008255	46	Mv	7/27/2006	42	3	4	Munitions Debris	8/1/2006	40mm head	-	
Grenade Range	GRC5-111	737314.25	1008472	37	Mv	7/27/2006	37	3	7	Munitions Debris	8/1/2006	40mm head	-	
Grenade Range	GRC5-110	737346.25	1008252.75	112	Mv	7/27/2006	113	3	9	Munitions Debris	8/1/2006	40mm head	Pass	KC
Grenade Range	GRC5-111	737349	1008251.5	105	Mv	7/27/2006	123	3	5	MPPEH	8/1/2006	M-73 sub cal	Pass	KC
Grenade Range	GRC5-112	737355.25	1008254	60	Mv	7/27/2006	60	3	2	Munitions Debris	8/1/2006	40mm head	Pass	KC
Grenade Range	GRC5-114	737375	1008257.25	37	Mv	8/1/2006	36	3	3	Munitions Debris	8/1/2006	40mm head	Pass	KC
Grenade Range	GRC5-115	737375.25	1008271.75	49	Mv	8/1/2006	65	3	2	Munitions Debris	8/1/2006	40mm head	-	
Grenade Range	GRC5-121	737350.75	1008287.5	88	Mv	7/27/2006	90	3	3	Munitions Debris	8/1/2006	40mm head	-	
Grenade Range	GRC5-122	737348	1008298	102	Mv	7/27/2006	107	3	5	Cultural Debris	8/1/2006	Seed item	-	
Grenade Range	GRC5-123	737348.25	1008300.5	106	Mv	7/27/2006	124	3	5	MPPEH	8/1/2006	M-73 sub cal motor and seed item	-	
Grenade Range	GRC5-128	737400.75	1008287	41	Mv	8/1/2006	47	3	3	Munitions Debris	8/1/2006	40mm head	-	
Grenade Range	GRC5-139	737444.25	1008373.5	46	Mv	8/1/2006	54	3	1	Munitions Debris	8/2/2006	40mm head	-	
Grenade Range	GRC5-150	737403.25	1008422.75	56	Mv	8/1/2006	58	3	3	Munitions Debris	8/2/2006	40mm head	-	
Grenade Range	GRC5-152	737419.75	1008438.75	63	Mv	8/1/2006	72	3	8	Munitions Debris	8/1/2006	40mm head	-	
Grenade Range	GRC5-154	737432.5	1008461	34	Mv	8/1/2006	38	3	2	Munitions Debris	8/1/2006	40mm head	-	
Grenade Range	GRC5-156	737446	1008450.25	55	Mv	8/1/2006	57	3	6	Munitions Debris	8/1/2006	40mm head	Pass	KC
Grenade Range	GRC5-157	737459.25	1008460	18	Mv	8/1/2006	15	3	14	Cultural Debris	8/1/2006	Trash	-	
Grenade Range	GRC5-161	737467.5	1008493.5	29	Mv	8/1/2006	32	3	8	Cultural Debris	8/1/2006	Trash	-	
Grenade Range	GRC5-178	737363.25	1008455.5	34	Mv	7/27/2006	52	3	8	Munitions Debris	8/1/2006	40mm head	-	
Grenade Range	GRC5-179	737352	1008469.75	44	Mv	7/27/2006	45	3	4	Munitions Debris	8/1/2006	40mm head	-	
Grenade Range	GRC5-180	737346	1008474.75	46	Mv	7/27/2006	54	3	8	Munitions Debris	8/1/2006	40mm head	-	
Grenade Range	GRC5-182	737354.75	1008455.5	35	Mv	7/27/2006	58	3	6	Munitions Debris	8/1/2006	40mm head	-	

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Seneca Army Depot Activity

Worksite	Anomaly ID	GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
		Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC	QC
		Easting (X)	Northing (Y)											
Grenade Range	GRC6-158	737479	1008684	19	Mv	7/17/2006	33	3	5	Munitions Debris	7/19/2006	Frag	-	-
Grenade Range	GRC6-159	737473.5	1008664.25	48	Mv	7/17/2006	61	3	2	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRC6-160	737464.25	1008676.5	36	Mv	7/17/2006	36	3	2	Cultural Debris	7/19/2006	Seed Item	-	-
Grenade Range	GRC6-161	737451.5	1008700.75	29	Mv	7/17/2006	31	3	2	Munitions Debris	7/20/2006	two 40mm heads, both 3" deep	-	-
Grenade Range	GRC6-164	737410	1008670	38	Mv	7/17/2006	65	3	1	Munitions Debris	7/20/2006	40mm head	Pass	KC
Grenade Range	GRC6-165	737432.5	1008646.5	71	Mv	7/17/2006	82	3	0	Munitions Debris	7/20/2006	40mm head	-	-
Grenade Range	GRC6-166	737441	1008634.25	26	Mv	7/17/2006	47	3	3	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRC6-167	737445	1008630.75	25	Mv	7/17/2006	45	3	4	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRC6-169	737473.25	1008634	35	Mv	7/17/2006	38	3	2	Munitions Debris	7/19/2006	40mm head	Pass	KC
Grenade Range	GRC6-17	737384.5	1008545.25	49	Mv	7/17/2006	63	3	2	MPPEH	7/19/2006	M-73 sub cal motor	-	-
Grenade Range	GRC6-170	737478	1008643.75	31	Mv	7/17/2006	54	3	2	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRC6-171	737499.2	1008636.6	97	Mv	7/17/2006	99	3	2	Cultural Debris	7/19/2006	Seed Item	-	-
Grenade Range	GRC6-175	737442.27	1008592.05	75	Mv	7/17/2006	111	3	2	MPPEH	7/19/2006	M-73 sub cal motor	-	-
Grenade Range	GRC6-178	737452.25	1008572.25	36	Mv	7/17/2006	40	3	1	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRC6-179	737445.5	1008570.75	45	Mv	7/17/2006	46	3	2	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRC6-18	737384.25	1008533.75	52	Mv	7/17/2006	59	3	2	Munitions Debris	7/19/2006	40mm head	Pass	KC
Grenade Range	GRC6-180	737447.06	1008561.88	33	Mv	7/17/2006	53	3	2	MPPEH	7/19/2006	M-73 sub cal motor	Pass	KC
Grenade Range	GRC6-181	737449.25	1008556.25	109	Mv	7/17/2006	106	3	2	MPPEH	7/19/2006	M-73 sub cal motor	-	-
Grenade Range	GRC6-182	737458.25	1008558.5	37	Mv	7/17/2006	49	3	2	MPPEH	7/19/2006	M-73 sub cal	Pass	KC
Grenade Range	GRC6-183	737462.5	1008555.25	38	Mv	7/17/2006	75	3	2	Cultural Debris	7/19/2006	Wire	-	-
Grenade Range	GRC6-184	737467.75	1008555	40	Mv	7/17/2006	58	3	1	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRC6-187	737485	1008543	18	Mv	7/17/2006	32	3	4	Cultural Debris	7/20/2006	Multiple wire	-	-
Grenade Range	GRC6-189	737482.25	1008542.25	17	Mv	7/17/2006	22	3	2	Cultural Debris	7/20/2006	Multiple wire	Pass	KC
Grenade Range	GRC6-19	737391.5	1008517	16	Mv	7/17/2006	17	3	2	Cultural Debris	7/19/2006	Wire	-	-
Grenade Range	GRC6-190	737475.5	1008541.5	111	Mv	7/17/2006	122	3	3	Cultural Debris	7/20/2006	Wire	-	-
Grenade Range	GRC6-192	737447.75	1008550	41	Mv	7/17/2006	47	3	2	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRC6-193	737436.5	1008550.75	20	Mv	7/17/2006	49	3	8	MPPEH	7/19/2006	M-73 sub cal motor	-	-
Grenade Range	GRC6-21	737380.5	1008514.5	55	Mv	7/17/2006	84	3	1	Munitions Debris	7/19/2006	40mm head	Pass	KC
Grenade Range	GRC6-25	737370.25	1008545.25	28	Mv	7/17/2006	48	3	1	Cultural Debris	7/19/2006	Wire	-	-
Grenade Range	GRC6-26	737368.75	1008546.75	49	Mv	7/17/2006	56	3	2	Cultural Debris	7/19/2006	Wire	Pass	KC
Grenade Range	GRC6-28	737361	1008544.5	43	Mv	7/17/2006	53	3	2	Cultural Debris	7/19/2006	Wire	Pass	KC
Grenade Range	GRC6-29	737358	1008544.75	75	Mv	7/17/2006	79	3	2	Cultural Debris	7/19/2006	Wire	-	-
Grenade Range	GRC6-30	737355.25	1008543.5	98	Mv	7/17/2006	99	3	2	Cultural Debris	7/19/2006	Wire	Pass	KC
Grenade Range	GRC6-31	737354.75	1008540.5	100	Mv	7/17/2006	111	3	3	MPPEH	7/19/2006	M-73 sub cal	-	-
Grenade Range	GRC6-35	737354	1008548.25	19	Mv	7/17/2006	23	3	1	Cultural Debris	7/19/2006	Wire	-	-
Grenade Range	GRC6-37	737352.5	1008551.5	19	Mv	7/17/2006	23	3	2	Cultural Debris	7/19/2006	Wire	Pass	KC
Grenade Range	GRC6-38	737346	1008552.5	44	Mv	7/17/2006	63	3	2	Cultural Debris	7/19/2006	Wire	-	-
Grenade Range	GRC6-39	737343.17	1008545.5	40	Mv	7/17/2006	68	3	2	Cultural Debris	7/19/2006	Wire	Pass	KC
Grenade Range	GRC6-40	737340.75	1008542	52	Mv	7/17/2006	72	3	2	Cultural Debris	7/19/2006	Wire	-	-
Grenade Range	GRC6-44	737335.75	1008526.25	17	Mv	7/17/2006	26	3	1	Cultural Debris	7/19/2006	spike	Pass	KC
Grenade Range	GRC6-48	737325.75	1008556	28	Mv	7/17/2006	34	3	12	MPPEH	7/19/2006	M-73 sub cal motor	-	-
Grenade Range	GRC6-49	737328.25	1008569.5	29	Mv	7/17/2006	36	3	2	Munitions Debris	7/20/2006	40mm head	-	-
Grenade Range	GRC6-59	737256.83	1008504.14	30	Mv	7/17/2006	51	3	3	Munitions Debris	7/19/2006	40mm head	Pass	KC
Grenade Range	GRC6-60	737276	1008529.75	17	Mv	7/17/2006	19	3	2	Cultural Debris	7/19/2006	Trash	-	-
Grenade Range	GRC6-62	737274.5	1008538.75	144	Mv	7/17/2006	154	3	2	Cultural Debris	7/19/2006	Trash	-	-
Grenade Range	GRC6-64	737256.25	1008546.25	39	Mv	7/17/2006	40	3	5	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRC6-68	737278.75	1008542.25	24	Mv	7/17/2006	23	3	5	Cultural Debris	7/19/2006	Trash	-	-
Grenade Range	GRC6-73	737295.75	1008561.5	116	Mv	7/17/2006	116	3	1	MPPEH	7/19/2006	M-73 sub cal	Pass	KC
Grenade Range	GRC6-78	737278.25	1008589.25	19	Mv	7/17/2006	23	3	6	Munitions Debris	7/20/2006	40mm head	-	-
Grenade Range	GRC6-79	737263.75	1008601.25	37	Mv	7/17/2006	47	3	2	Munitions Debris	7/20/2006	40mm head	-	-
Grenade Range	GRC6-80	737280	1008617	29	Mv	7/17/2006	31	3	3	Munitions Debris	7/20/2006	40mm head	Pass	KC
Grenade Range	GRC6-81	737271.29	1008626.4	31	Mv	7/17/2006	87	3	2	MPPEH	7/20/2006	M-73 sub cal	-	-
Grenade Range	GRC6-83	737265.5	1008621.25	61	Mv	7/17/2006	63	3	8	MPPEH	7/20/2006	M-73 sub cal	Pass	KC
Grenade Range	GRC6-88	737297.75	1008667.75	50	Mv	7/17/2006	52	3	2	Munitions Debris	7/20/2006	40mm head	-	-
Grenade Range	GRC6-91	737320.75	1008651.75	47	Mv	7/17/2006	55	3	2	Munitions Debris	7/20/2006	40mm head	-	-

APPENDIX B
SEAD 007-R-01 (Grenade Range) All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC Code	QC Initials
		Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description		
		Easting (X)	Northing (Y)											
Local Training Area	HS_269	737970.75	1007158.5	115	mV	10/2/2006	116	3	18	Cultural Debris	10/10/2006		Pass	KC
Local Training Area	HS_272	737962	1007158.25	211	mV	10/2/2006	214	3	18	Cultural Debris	10/10/2006		-	-
Local Training Area	HS_280	740302	1007577.75	2142	mV	10/2/2006	2142	3	15	Cultural Debris	10/11/2006	R/R spike plate with 2ea spikes	-	-
Local Training Area	HS_292	740069.75	1007532	672	mV	10/2/2006	674	3	3	Cultural Debris	10/11/2006	Chain and a truck tialgate part	Pass	KC
Local Training Area	HS_298	740024.75	1007528.5	1113	mV	10/2/2006	1114	3	13	Cultural Debris	10/11/2006	Piece of lead	Pass	KC
Local Training Area	HS_306	740028.5	1007583.5	110	mV	10/2/2006	112	3	9	Cultural Debris	10/11/2006	Fuel tank cap	-	-
Local Training Area	HS_312	739996.25	1007571.75	61	mV	11/30/2006	61	3	18	Cultural Debris	11/6/2006	Iron rod	-	-
Local Training Area	HS_314	739982.5	1007571.25	98	mV	11/30/2006	99	3	20	Cultural Debris	11/6/2006	Scrap metal	-	-
Local Training Area	HS_315	739983.75	1007583.5	627	mV	10/2/2006	629	3	48	Cultural Debris	10/11/2006	Scrap metal	Pass	KC
Local Training Area	HS_318	739967	1007590.75	75	mV	11/30/2006	75	3	2	Cultural Debris	11/6/2006	Wire	-	-
Local Training Area	HS_321	739954.75	1007588.75	39	mV	11/30/2006	39	3	3	Cultural Debris	11/6/2006	Bolt	-	-
Local Training Area	HS_326	739927.25	1007571	324	mV	10/2/2006	325	3	5	Cultural Debris	10/11/2006		Pass	KC
Local Training Area	HS_330	739912.5	1007571.5	2921	mV	10/2/2006	2922	3	10	Cultural Debris	10/11/2006		Pass	KC
Local Training Area	HS_332	739884.25	1007573	275	mV	10/2/2006	277	3	12	Cultural Debris	10/11/2006		Pass	KC
Local Training Area	HS_334	739870	1007568.5	1155	mV	10/2/2006	1157	3	2	Cultural Debris	10/11/2006		Pass	KC
Local Training Area	HS_335	739864.25	1007569.25	226	mV	10/2/2006	226	3	2	Cultural Debris	10/11/2006		-	-
Local Training Area	HS_338	739846.5	1007574.75	1032	mV	10/2/2006	1030	3	10	Cultural Debris	10/11/2006		Pass	KC
Local Training Area	HS_339	739838.5	1007572.75	351	mV	10/2/2006	354	3	6	Cultural Debris	10/11/2006		Pass	KC
Local Training Area	HS_349	739800.25	1007536.75	920	mV	10/2/2006	924	3	10	Cultural Debris	10/11/2006		Pass	KC
Local Training Area	HS_350	739793.5	1007532.25	1319	mV	10/2/2006	1321	3	4	Cultural Debris	10/11/2006		-	-
Local Training Area	HS_360	739460.75	1007581.75	39	mV	11/30/2006	38	3	12	Cultural Debris	11/6/2006	R/R spike	-	-
Local Training Area	HS_366	739398.75	1007565.75	182	mV	10/2/2006	186	3	7	Cultural Debris	10/11/2006	Copper tube and a pad lock	Pass	KC
Local Training Area	HS_373	739003.5	1007571	204	mV	10/2/2006	203	3	4	Cultural Debris	10/10/2006	Head light rim	Pass	KC
Local Training Area	HS_374	739000.75	1007575.25	158	mV	10/2/2006	157	3	30	Cultural Debris	10/10/2006	Valve handle	Pass	KC
Local Training Area	HS_378	738937.897	1007592.892	38	mV	11/30/2006	38	3	30	Cultural Debris	11/2/2006	Scrap metal	-	-
Local Training Area	HS_383	738857.25	1007554.25	3474	mV	10/2/2006	3475	3	9	Munitions Debris	10/10/2006	Small Arms, 14x .50 cal's removed. .50 cal head collection area (large area) and turn buckle part	-	-
Local Training Area	HS_385	738535.25	1007552.25	181	mV	10/2/2006	181	3	15	Cultural Debris	10/10/2006	Iron rod	Pass	KC
Local Training Area	HS_391	738499.75	1007531.5	116	mV	10/2/2006	117	3	17	Cultural Debris	10/10/2006	R/R Spike	Pass	KC
Local Training Area	HS_421	738326.25	1007405.5	64039	mV	10/2/2006	5000	3	3	Cultural Debris	10/10/2006	Fence post	Pass	KC
Local Training Area	HS_425	738310.585	1007474.613	121	mV	10/2/2006	122	3	15	Cultural Debris	10/10/2006	Iron rod	Pass	KC
Local Training Area	HS_441	738449.75	1007454.5	185	mV	10/2/2006	184	3	6	Cultural Debris	10/10/2006	Scrap metal	Pass	KC
Local Training Area	HS_454	738502.25	1007458.75	29	mV	11/30/2006	28	3	14	Cultural Debris	11/6/2006	Scrap metal	-	-
Local Training Area	HS_458	738513.25	1007423	177	mV	10/2/2006	176	3	17	Cultural Debris	10/10/2006	Iron rod	Pass	KC
Local Training Area	HS_465	738463.162	1007413.345	35	mV	11/30/2006	35	3	4	Cultural Debris	11/6/2006	Scrap metal	-	-
Local Training Area	HS_476	738890.75	1007482	280	mV	10/2/2006	279	3	4	Cultural Debris	10/10/2006	Scrap metal	Pass	KC
Local Training Area	HS_477	738900.5	1007478.5	219	mV	10/2/2006	219	3	9	Cultural Debris	10/10/2006	Scrap metal	Pass	KC
Local Training Area	HS_480	738968.75	1007479	20	mV	11/30/2006	21	3	4	Cultural Debris	11/2/2006	Wire	-	-
Local Training Area	HS_500	739342.25	1007464.25	230	mV	10/2/2006	231	3	26	Cultural Debris	10/11/2006	Scrap metal	Pass	KC
Local Training Area	HS_508	739388.5	1007510.25	624	mV	10/2/2006	626	3	0	Munitions Debris	10/17/2006	Small Arms, 50x .50 cal heads removed. .50 cal pit, did not clear.	-	-
Local Training Area	HS_509	739423.25	1007507	107	mV	10/2/2006	109	3	6	Cultural Debris	10/11/2006	Large bolt	Pass	KC
Local Training Area	HS_520	739753.75	1007488	419	mV	10/2/2006	422	3	15	Cultural Debris	10/11/2006		Pass	KC
Local Training Area	HS_534	739806	1007497.25	3812	mV	10/2/2006	3813	3	8	Cultural Debris	10/11/2006		Pass	KC
Local Training Area	HS_536	739809	1007520.25	1049	mV	10/2/2006	1050	3	16	Cultural Debris	10/11/2006		Pass	KC
Local Training Area	HS_543	739876.5	1007520.75	311	mV	10/2/2006	313	3	10	Cultural Debris	10/11/2006		Pass	KC
Local Training Area	HS_546	739834.75	1007492	2042	mV	10/2/2006	2044	3	3	Cultural Debris	10/11/2006		-	-
Local Training Area	HS_552	739869.25	1007481.5	192	mV	10/2/2006	195	3	0	Cultural Debris	10/11/2006	4" alum scrap	Pass	KC
Local Training Area	HS_554	739879.25	1007495	172	mV	10/2/2006	172	3	0	Cultural Debris	10/11/2006	8" scrap metal	Pass	KC
Local Training Area	HS_555	739889.75	1007499.75	124	mV	10/2/2006	125	3	0	Cultural Debris	10/11/2006	2" scrap metal	Pass	KC
Local Training Area	HS_558	739920.5	1007523	355	mV	10/2/2006	357	3	5	Cultural Debris	10/11/2006		Pass	KC
Local Training Area	HS_575	740068.25	1007454.75	386	mV	10/2/2006	388	3	8	Cultural Debris	10/11/2006	Iron rod	Pass	KC
Local Training Area	HS_581	740073.75	1007493.75	125	mV	10/2/2006	123	3	4	Cultural Debris	10/11/2006	Truck brake part	-	-
Local Training Area	HS_582	740074	1007478.25	30281	mV	10/2/2006	5000	3	36	Cultural Debris	10/11/2006	Vehicle battery tray	Pass	KC
Local Training Area	HS_586	740285.5	1007480.25	154	mV	10/2/2006	156	3	17	Cultural Debris	10/11/2006	1 ea S hook and some wire	-	-
Local Training Area	HS_636	740419	1007590	82	mV	11/30/2006	82	3	13	Cultural Debris	11/6/2006	R/R spike	-	-

APPENDIX B
SEAD 007-R-01 (Grenade Range) All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	GPS SURVEY				REACQUISITION			DIG RESULTS				QPOST-DIG QC	
		Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
		Easting (X)	Northing (Y)											
Grenade Range	GRB5-45	737217.5	1008432	83	Mv	7/27/2006	92	2	15	MPPEH	8/1/2006	M-73 sub cal motor	-	-
Grenade Range	GRB5-59	737130.25	1008416.5	19	Mv	7/26/2006	69	2	1	Munitions Debris	7/31/2006	40mm head	-	-
Grenade Range	GRB5-77	737135.98	1008382.38	35	Mv	7/27/2006	170	2	4	MPPEH	8/1/2006	M-73 sub cal motor	Pass	KC
Grenade Range	GRB5-90	737071.25	1008396.5	48	Mv	7/26/2006	48	2	1	Munitions Debris	7/31/2006	40mm head	-	-
Grenade Range	GRB6-1	737112.15	1008576.71	96	Mv	7/18/2006	270	2	8	MPPEH	7/20/2006	M-73 sub cal motor. B6-0001 and B6-0241 are the same item. Also found scrap metal	Pass	KC
Grenade Range	GRB6-10	737080	1008542	44	Mv	7/17/2006	105	2	8	Cultural Debris	7/19/2006	Wire from an old fence	-	-
Grenade Range	GRB6-101	737093	1008674	193	Mv	7/18/2006	150	2	8	No Contact	7/19/2006	M-73 sub cal motor. Anomalies B6-100 and B6-101 are same item	-	-
Grenade Range	GRB6-109	737056.25	1008688	20	Mv	7/18/2006	230	2	8	No Contact	7/19/2006	M-73 sub cal. Anomalies B6-108 and B6-109 are same item	Pass	KC
Grenade Range	GRB6-11	737074.75	1008540.75	22	Mv	7/17/2006	55	2	12	Cultural Debris	7/19/2006	Wire	Pass	KC
Grenade Range	GRB6-111	737060.25	1008692.25	25	Mv	7/18/2006	130	2	6	MPPEH	7/19/2006	M-73 sub cal motor. Anomalies B6-112 and B6-111 are same item	-	-
Grenade Range	GRB6-113	737055	1008693.25	17	Mv	7/18/2006	40	2	8	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRB6-114	737040.75	1008708	31	Mv	7/18/2006	50	2	4	Munitions Debris	7/19/2006	40mm head	Pass	KC
Grenade Range	GRB6-116	737048.75	1008714.25	184	Mv	7/18/2006	180	2	8	MPPEH	7/19/2006	M-73 sub cal. Anomalies B6-117 and B6-116 are same item	Pass	KC
Grenade Range	GRB6-118	737058.75	1008716.75	42	Mv	7/18/2006	80	2	6	MPPEH	7/19/2006	M-73 sub cal motor. Anomalies B6-119 and B6-118 are same item	-	-
Grenade Range	GRB6-12	737073.75	1008542.75	21	Mv	7/17/2006	45	2	6	Cultural Debris	7/19/2006	Wire bits from an old fence	-	-
Grenade Range	GRB6-120	737068.75	1008713.25	26	Mv	7/18/2006	85	2	10	MPPEH	7/19/2006	M-73 sub cal	Pass	KC
Grenade Range	GRB6-122	737067	1008719	18	Mv	7/18/2006	100	2	6	No Contact	7/19/2006	M-73 sub cal motor. Anomalies B6-121 and B6-122 are same item	-	-
Grenade Range	GRB6-123	737062.75	1008724.5	42	Mv	7/18/2006	230	2	3	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRB6-124	737061.75	1008729	120	Mv	7/18/2006	180	2	6	MPPEH	7/19/2006	M-73 sub cal	-	-
Grenade Range	GRB6-125	737047.75	1008728.25	42	Mv	7/18/2006	55	2	4	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRB6-127	737054.25	1008736.5	25	Mv	7/18/2006	45	2	3	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRB6-129	737069.25	1008737.25	65	Mv	7/18/2006	202	2	3	MPPEH	7/19/2006	M-73 sub cal. Anomalies B6-130 and B6-129 are same item	-	-
Grenade Range	GRB6-13	737069.75	1008543.25	33	Mv	7/17/2006	30	2	4	Cultural Debris	7/19/2006	Wire bits from an old fence	-	-
Grenade Range	GRB6-131	737072.25	1008732.5	21	Mv	7/18/2006	55	2	4	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRB6-133	737105.86	1008739.6	50	Mv	7/18/2006	165	2	7	MPPEH	7/19/2006	40mm head & M-73 sub cal	-	-
Grenade Range	GRB6-137	737084.5	1008715.5	35	Mv	7/18/2006	210	2	6	No Contact	7/19/2006	M-73 sub cal. Anomalies B6-136 and B6-137 are same item	Pass	KC
Grenade Range	GRB6-138	737083.75	1008703.75	95	Mv	7/18/2006	130	2	8	MPPEH	7/19/2006	M-73 sub cal	Pass	KC
Grenade Range	GRB6-145	737114.5	1008714	21	Mv	7/18/2006	180	2	10	MPPEH	7/19/2006	M-73 sub cal	-	-
Grenade Range	GRB6-148	737127.49	1008713.03	34	Mv	7/18/2006	130	2	10	MPPEH	7/19/2006	M-73 sub cal motor	-	-
Grenade Range	GRB6-159	737237	1008701.25	44	Mv	7/18/2006	80	2	3	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRB6-160	737249.27	1008626.67	23	Mv	7/18/2006	52	2	4	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRB6-161	737242.25	1008619.25	31	Mv	7/18/2006	44	2	5	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRB6-162	737221.75	1008628.25	34	Mv	7/18/2006	40	2	3	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRB6-163	737222.25	1008593.75	42	Mv	7/18/2006	62	2	3	Munitions Debris	7/24/2006	40mm head	-	-
Grenade Range	GRB6-166	737193	1008581	64	Mv	7/18/2006	150	2	10	MPPEH	7/20/2006	M-73 sub cal motor	-	-
Grenade Range	GRB6-169	737178.25	1008580.75	135	Mv	7/18/2006	170	2	6	No Contact	7/20/2006	M-73 sub cal motor. B6-0169 and B6-0170 are the same item.	-	-
Grenade Range	GRB6-172	737158.28	1008576.36	42	Mv	7/18/2006	120	2	14	MPPEH	7/20/2006	M-73 sub cal motor	Pass	KC
Grenade Range	GRB6-187	737245.25	1008561.25	52	Mv	7/18/2006	120	2	6	No Contact	7/19/2006	M-73 sub cal motor. Anomalies B6-186 and B6-187 are same item	-	-
Grenade Range	GRB6-188	737234.5	1008538	50	Mv	7/18/2006	65	2	2	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRB6-19	737062.25	1008558.75	17	Mv	7/18/2006	25	2	9	Cultural Debris	7/20/2006	Wire pieces from old fence	Pass	KC
Grenade Range	GRB6-190	737243.42	1008516.87	36	Mv	7/18/2006	53	2	3	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRB6-191	737223.5	1008524	3	Mv	7/18/2006	80	2	10	MPPEH	7/19/2006	M-73 sub cal	-	-
Grenade Range	GRB6-195	737178.59	1008534.87	125	Mv	7/18/2006	165	2	8	MPPEH	7/19/2006	M-73 sub cal motor. Anomalies B6-196 and B6-195 are same item	-	-
Grenade Range	GRB6-20	737053.37	1008540.33	62	Mv	7/17/2006	80	2	19	Cultural Debris	7/19/2006	Wire bits from an old fence	Pass	KC
Grenade Range	GRB6-200	737180.63	1008522.09	69	Mv	7/18/2006	180	2	6	No Contact	7/19/2006	M-73 sub cal motor. Anomalies B6-199 and B6-200 are same item	-	-
Grenade Range	GRB6-209	737121	1008505	60	Mv	7/18/2006	85	2	10	MPPEH	7/19/2006	M-73 sub cal. Anomalies B6-210 and B6-209 are same item	-	-
Grenade Range	GRB6-21	737049.25	1008543.25	23	Mv	7/17/2006	20	2	10	Cultural Debris	7/19/2006	Wire from an old fence	Pass	KC
Grenade Range	GRB6-214	737103.9	1008504.04	66	Mv	7/18/2006	90	2	6	MPPEH	7/19/2006	M-73 sub cal. Anomalies B6-212 and B6-214 are same item	-	-
Grenade Range	GRB6-219	737105.5	1008514.5	84	Mv	7/18/2006	125	2	5	MPPEH	7/19/2006	M-73 sub cal motor. Anomalies B6-218 and B6-219 are same item	-	-
Grenade Range	GRB6-220	737096.75	1008515.75	51	Mv	7/18/2006	75	2	1	Munitions Debris	7/19/2006	40mm head	-	-
Grenade Range	GRB6-224	737121	1008545.75	51	Mv	7/18/2006	40	2	24	Cultural Debris	7/19/2006	Wire bits from an old fence	Pass	KC
Grenade Range	GRB6-225	737123.25	1008546	36	Mv	7/18/2006	28	2	5	Cultural Debris	7/19/2006	Wire	-	-
Grenade Range	GRB6-226	737124.25	1008551.25	117	Mv	7/18/2006	190	2	4	MPPEH	7/20/2006	M-73 sub cal motor	-	-
Grenade Range	GRB6-229	737117	1008548	68	Mv	7/18/2006	85	2	8	Cultural Debris	7/19/2006	Wire bits from old fence	-	-

APPENDIX B
SEAD 007-R-01 (Grenade Range) All Dig Results
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Seneca Army Depot Activity

Worksite	GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC		
	Anomaly ID	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
		Easting (X)	Northing (Y)											
Grenade Range	GRC3-50	737343	1007884.75	42	Mv	7/25/2006	60	2	1	Munitions Debris	7/31/2006	40mm head	-	
Grenade Range	GRC3-53	737360.75	1007875.75	32	Mv	7/25/2006	60	2	4	Munitions Debris	7/31/2006	40mm head	Pass	KC
Grenade Range	GRC3-54	737357	1007889.5	36	Mv	7/25/2006	45	2	5	Munitions Debris	7/31/2006	40mm head	-	
Grenade Range	GRC3-55	737360.25	1007889	36	Mv	7/25/2006	50	2	2	Munitions Debris	7/31/2006	40mm head	Pass	KC
Grenade Range	GRC3-56	737367.25	1007880.25	34	Mv	7/25/2006	58	2	5	Munitions Debris	7/31/2006	40mm head	-	
Grenade Range	GRC3-59	737372.5	1007891.25	42	Mv	7/25/2006	65	2	6	Munitions Debris	7/31/2006	40mm head	Pass	KC
Grenade Range	GRC3-62	737379	1007905	32	Mv	7/26/2006	38	2	4	Munitions Debris	7/31/2006	40mm head	-	
Grenade Range	GRC3-63	737372	1007900.75	27	Mv	7/25/2006	33	2	3	Munitions Debris	7/31/2006	40mm head	-	
Grenade Range	GRC3-69	737353.75	1007923.75	38	Mv	7/25/2006	50	2	9	Munitions Debris	7/31/2006	40mm head & 1 ea piece of scrap metal	-	
Grenade Range	GRC3-71	737341.75	1007933.25	48	Mv	7/26/2006	48	2	8	Munitions Debris	7/31/2006	40mm head	-	
Grenade Range	GRC3-73	737355.25	1007948.5	26	Mv	7/26/2006	32	2	8	Munitions Debris	7/27/2006	Frag	Pass	KC
Grenade Range	GRC3-75	737362	1007943.75	48	Mv	7/26/2006	59	2	6	Munitions Debris	7/31/2006	40mm head	-	
Grenade Range	GRC3-76	737366.5	1007930.5	25	Mv	7/26/2006	31	2	4	Munitions Debris	7/31/2006	40mm head	Pass	KC
Grenade Range	GRC3-77	737377	1007925.5	38	Mv	7/26/2006	42	2	1	Munitions Debris	7/31/2006	40mm head	Pass	KC
Grenade Range	GRC3-78	737396	1007944.5	55	Mv	7/26/2006	48	2	5	Munitions Debris	7/31/2006	40mm head	-	
Grenade Range	GRC3-81	737374	1007970.25	40	Mv	7/26/2006	43	2	1	Munitions Debris	7/27/2006	Frag	-	
Grenade Range	GRC3-82	737368.75	1007971.5	30	Mv	7/26/2006	39	2	3	Munitions Debris	7/27/2006	Frag	-	
Grenade Range	GRC3-83	737351.76	1007971.6	34	Mv	7/26/2006	44	2	4	Munitions Debris	7/27/2006	Frag	-	
Grenade Range	GRC3-87	737333.75	1007951	58	Mv	7/26/2006	52	2	5	Munitions Debris	7/27/2006	Frag	Pass	KC
Grenade Range	GRC3-88	737306	1007967	17	Mv	7/26/2006	17	2	2	Cultural Debris	7/27/2006	Trash	-	
Grenade Range	GRC3-91	737268.5	1007975.25	35	Mv	7/25/2006	45	2	1	Munitions Debris	7/27/2006	Frag	-	
Grenade Range	GRC3-92	737251.75	1007964.75	32	Mv	7/25/2006	45	2	3	Munitions Debris	7/27/2006	Frag	Pass	KC
Grenade Range	GRC3-93	737253.31	1007982.54	37	Mv	7/25/2006	55	2	10	Munitions Debris	7/27/2006	40mm head	-	
Grenade Range	GRC3-94	737260.25	1007983.25	24	Mv	7/25/2006	38	2	1	Munitions Debris	7/27/2006	Frag	-	
Grenade Range	GRC3-96	737302.75	1007992.75	32	Mv	7/26/2006	35	2	3	Munitions Debris	7/27/2006	Frag	-	
Grenade Range	GRC3-97	737319.5	1007998.25	43	Mv	7/26/2006	48	2	1	Munitions Debris	7/27/2006	Frag	-	
Grenade Range	GRC4-104	737252.75	1008066.25	40	Mv	7/20/2006	70	2	2	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-105	737255	1008078.25	35	Mv	7/20/2006	70	2	2	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-113	737282.75	1008093	37	Mv	7/20/2006	65	2	2	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRC4-121	737326.75	1008144	60	Mv	7/20/2006	60	2	2	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-128	737339.5	1008164.5	55	Mv	7/20/2006	60	2	3	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRC4-137	737353.25	1008174.75	41	Mv	7/20/2006	70	2	2	Cultural Debris	7/24/2006	Trash	Pass	KC
Grenade Range	GRC4-17	737304.75	1008185.25	66	Mv	7/20/2006	70	2	2	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC4-49	737413.5	1008220	40	Mv	7/21/2006	55	2	0	Munitions Debris	7/24/2006	40mm round	-	
Grenade Range	GRC4-56	737443.75	1008182.75	28	Mv	7/21/2006	65	2	2	Munitions Debris	7/25/2006	40mm head	Pass	KC
Grenade Range	GRC5-12	737316.5	1008479.25	52	Mv	7/27/2006	55	2	2	Munitions Debris	8/1/2006	40mm head	Pass	KC
Grenade Range	GRC5-14	737285.25	1008498.75	37	Mv	7/27/2006	42	2	3	Munitions Debris	8/1/2006	40mm head & 1 ea piece of scrap metal	Pass	KC
Grenade Range	GRC5-145	737470	1008417.75	31	Mv	8/1/2006	32	2	8	Cultural Debris	8/2/2006	Nail	Pass	KC
Grenade Range	GRC5-146	737468.25	1008419	32	Mv	8/1/2006	32	2	20	Cultural Debris	8/2/2006	Nail	-	
Grenade Range	GRC5-148	737455.75	1008417.5	42	Mv	8/1/2006	59	2	7	Munitions Debris	8/2/2006	40mm head	-	
Grenade Range	GRC5-149	737431.25	1008412.75	40	Mv	7/27/2006	31	2	8	Munitions Debris	8/2/2006	40mm head	-	
Grenade Range	GRC5-15	737272.75	1008497	43	Mv	7/27/2006	57	2	3	Munitions Debris	8/1/2006	40mm head	Pass	KC
Grenade Range	GRC5-151	737411.25	1008430.75	40	Mv	8/1/2006	48	2	16	Munitions Debris	8/1/2006	40mm head	Pass	KC
Grenade Range	GRC5-153	737426.5	1008449	52	Mv	8/1/2006	55	2	7	Munitions Debris	8/1/2006	40mm head	-	
Grenade Range	GRC5-160	737472.25	1008493.75	38	Mv	8/1/2006	36	2	4	Cultural Debris	8/1/2006	Wire	-	
Grenade Range	GRC5-166	737433	1008484	22	Mv	8/1/2006	25	2	10	Cultural Debris	8/1/2006	Wire	-	
Grenade Range	GRC5-167	737431.25	1008499.5	56	Mv	8/1/2006	63	2	8	Munitions Debris	8/1/2006	40mm head	-	
Grenade Range	GRC5-174	737405.75	1008451.75	61	Mv	8/1/2006	63	2	6	Munitions Debris	8/1/2006	40mm head	-	
Grenade Range	GRC5-175	737409.25	1008450.5	40	Mv	8/1/2006	45	2	6	Munitions Debris	8/1/2006	40mm head	-	
Grenade Range	GRC5-183	737350.75	1008447	135	Mv	7/27/2006	155	2	4	MPPEH	8/1/2006	M-73 sub cal	-	
Grenade Range	GRC5-184	737373	1008446	62	Mv	7/27/2006	145	2	5	MPPEH	8/1/2006	M-73 sub cal	-	
Grenade Range	GRC5-187	737375.81	1008411.42	92	Mv	8/1/2006	96	2	2	MPPEH	8/2/2006	M-73 sub cal motor	-	
Grenade Range	GRC5-189	737372.75	1008405.25	41	Mv	8/1/2006	42	2	4	Munitions Debris	8/2/2006	40mm head	Pass	KC
Grenade Range	GRC5-190	737367	1008387.75	49	Mv	8/1/2006	49	2	5	Munitions Debris	8/2/2006	40mm head	Pass	KC
Grenade Range	GRC5-191	737373.75	1008386.75	56	Mv	8/1/2006	56	2	4	Munitions Debris	8/2/2006	40mm head	Pass	KC

APPENDIX B
SEAD 007-R-01 (Grenade Range) All Dig Results
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Worksite	Anomaly ID	GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC Code	QC Initials
		Location (ft) Easting (X) Northing (Y)	Amp	Amp Unit	Date	Amp	Depth (In)	Location Offset (In)	Type	Date	Item Description			
Grenade Range	GRC6-45	737336.75	1008530	28	Mv	7/17/2006	28	2	1	Munitions Debris	7/19/2006	40mm head	Pass	KC
Grenade Range	GRC6-46	737328.25	1008546.75	48	Mv	7/17/2006	59	2	2	Munitions Debris	7/19/2006	40mm head	-	
Grenade Range	GRC6-54	737296.25	1008520.25	18	Mv	7/17/2006	19	2	2	Cultural Debris	7/19/2006	Wire	-	
Grenade Range	GRC6-57	737264.5	1008504.25	28	Mv	7/17/2006	28	2	1	Cultural Debris	7/19/2006	Wire	-	
Grenade Range	GRC6-69	737286	1008543	153	Mv	7/17/2006	186	2	2	MPPEH	7/19/2006	M-73 sub cal motor	Pass	KC
Grenade Range	GRC6-76	737293.5	1008581.25	99	Mv	7/17/2006	106	2	8	MPPEH	7/20/2006	M-73 sub cal	-	
Grenade Range	GRC6-84	737262.25	1008617.25	139	Mv	7/17/2006	123	2	2	MPPEH	7/20/2006	M-73 sub cal	Pass	KC
Grenade Range	GRC6-86	737267	1008658	35	Mv	7/17/2006	36	2	5	Munitions Debris	7/20/2006	40mm head	-	
Grenade Range	GRC6-89	737296.63	1008646.79	62	Mv	7/17/2006	108	2	2	MPPEH	7/20/2006	M-73 sub cal motor	-	
Grenade Range	GRC6-93	737331.75	1008652	87	Mv	7/17/2006	151	2	1	MPPEH	7/20/2006	M-73 sub cal	-	
Grenade Range	GRC6-99	737320.25	1008624	54	Mv	7/18/2006	56	2	2	Munitions Debris	7/20/2006	40mm head	Pass	KC
Grenade Range	GRC7-10	737318.5	1008829.25	37	Mv	7/21/2006	44	2	4	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC7-12	737289.25	1008870.5	26	Mv	7/21/2006	27	2	6	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC7-14	737303.5	1008884.75	31	Mv	7/21/2006	70	2	8	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC7-25	737455.25	1008828.25	21	Mv	7/21/2006	22	2	22	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC7-6	737332.25	1008762.5	29	Mv	7/21/2006	33	2	6	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC7-7	737292.5	1008762.25	41	Mv	7/21/2006	43	2	22	MPPEH	7/24/2006	M-73 sub cal	-	
Grenade Range	GRC7-8	737304	1008792.75	31	Mv	7/21/2006	34	2	12	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRD3-2	737502.25	1007907	52	Mv	7/21/2006	60	2	1	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRD4-7	737607.8	1008189.71	22	Mv	7/21/2006	33	2	2	Cultural Debris	7/25/2006	Wire	Pass	KC
Grenade Range	GRD5-11	737595.25	1008305	133	Mv	7/21/2006	113	2	20	MPPEH	7/24/2006	M-73 sub cal motor	Pass	KC
Grenade Range	GRD5-27	737532	1008346.5	59	Mv	7/21/2006	76	2	6	MPPEH	7/24/2006	M-73 sub cal motor	Pass	KC
Grenade Range	GRD5-30	737504.68	1008326.56	40	Mv	7/21/2006	45	2	4	MPPEH	7/24/2006	M-73 sub cal motor	Pass	KC
Grenade Range	GRD6-14	737520	1008543	47	Mv	7/31/2006	48	2	2	Cultural Debris	7/24/2006	More wire from #12 and #13 did not remove every piece	Pass	KC
Grenade Range	GRD6-16	737512.25	1008541.5	20	Mv	7/31/2006	19	2	6	Cultural Debris	7/24/2006	Same fence line as #12, #13, #14, #15 could not remove all pieces	Pass	KC
Grenade Range	GRD6-5	737593.25	1008628.75	40	Mv	7/31/2006	40	2	1	Munitions Debris	7/24/2006	40mm head	-	
Grenade Range	GRGAP_001	737156.75	1008016	330	mV	10/3/2006	330	2	13	Munitions Debris	10/12/2006	40 mm base, 3ea	Pass	KC
Grenade Range	GRGAP_002	737156.25	1008024.25	23	mV	10/3/2006	23	2	10	Cultural Debris	10/12/2006	Nails	Pass	KC
Grenade Range	GRGAP_006	737198.25	1008074.25	147	mV	10/3/2006	149	2	3	MPPEH	10/12/2006	M-73 sub cal	Pass	KC
Grenade Range	GRGAP_009	737194.5	1008066	163	mV	10/3/2006	165	2	20	MPPEH	10/12/2006	M-73 sub cal	Pass	KC
Grenade Range	GRGAP_012	737321	1008033.75	24	mV	10/3/2006	25	2	6	Munitions Debris	10/12/2006	40mm base	Pass	KC
Grenade Range	GRGAP_019	737427.5	1008086.75	28	mV	10/3/2006	28	2	12	Cultural Debris	10/12/2006	Nails	Pass	KC
Grenade Range	GRGAP_021	737434.5	1008084	17	mV	10/3/2006	19	2	10	Cultural Debris	10/12/2006	Nails	Pass	KC
Grenade Range	GRGAP_022	737441.25	1008088.25	60	mV	10/3/2006	57	2	13	Munitions Debris	10/12/2006	40 mm base	Pass	KC
Grenade Range	GRGAP_028	737436.75	1008099.75	35	mV	10/3/2006	37	2	13	Munitions Debris	10/12/2006	Sub cal with head	-	
Grenade Range	GRGAP_031	737408.25	1008094.75	44	mV	10/3/2006	45	2	5	Cultural Debris	10/12/2006	Nails	Pass	KC
Grenade Range	GRGAP_032	737405.794	1008096.208	38	mV	10/3/2006	39	2	10	Cultural Debris	10/12/2006	Nails	Pass	KC
Grenade Range	GRGAP_034	737359.75	1008170	57	mV	10/3/2006	58	2	8	Munitions Debris	10/12/2006	Small Arms, blank cart.	-	
Grenade Range	GRGAP_049	737157.75	1008004.75	29	mV	10/3/2006	28	2	14	Cultural Debris	10/12/2006	Nails	Pass	KC
Local Training Area	HS_042	739920.75	1007214.75	1671	mV	10/2/2006	1671	2	16	Munitions Debris	10/11/2006	Box fins/slag	-	
Local Training Area	HS_044	739907	1007212	1992	mV	10/2/2006	1992	2	10	Munitions Debris	10/11/2006	Box fins	-	
Local Training Area	HS_049	739857.75	1007199.75	192	mV	10/2/2006	192	2	24	Munitions Debris	10/11/2006	Box fins	-	
Local Training Area	HS_053	739876.25	1007168.5	2071	mV	10/2/2006	2071	2	5	Cultural Debris	10/11/2006	-	-	
Local Training Area	HS_054	739880	1007175	196	mV	10/2/2006	196	2	2	Cultural Debris	10/11/2006	-	-	
Local Training Area	HS_058	739923.25	1007175	266	mV	10/2/2006	266	2	24	Cultural Debris	10/11/2006	-	-	
Local Training Area	HS_071	740001.5	1007237.5	1003	mV	10/2/2006	1003	2	5	Cultural Debris	10/11/2006	-	-	
Local Training Area	HS_074	739992.25	1007222.75	31119	mV	10/2/2006	5000	2	12	Munitions Debris	10/11/2006	Box fin	Pass	KC
Local Training Area	HS_076	739961.25	1007222	955	mV	10/2/2006	955	2	24	Munitions Debris	10/11/2006	Box fins	-	
Local Training Area	HS_098	740015.25	1007372.75	4634	mV	10/2/2006	4634	2	3	Cultural Debris	10/11/2006	-	-	
Local Training Area	HS_109	739926	1007270.75	122	mV	10/2/2006	122	2	24	Munitions Debris	10/11/2006	Box fins	-	
Local Training Area	HS_112	739911.5	1007289	2114	mV	10/2/2006	2114	2	12	Munitions Debris	10/11/2006	Box fins	-	
Local Training Area	HS_115	739891	1007331	324	mV	10/2/2006	324	2	12	Cultural Debris	10/11/2006	-	-	
Local Training Area	HS_120	739838.25	1007368	182	mV	10/2/2006	182	2	12	Cultural Debris	10/11/2006	-	-	
Local Training Area	HS_123	739847.5	1007327	514	mV	10/2/2006	514	2	14	Cultural Debris	10/11/2006	-	-	
Local Training Area	HS_129	739860.768	1007268.879	288	mV	10/2/2006	289	2	18	Cultural Debris	10/11/2006	-	-	

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Worksite	Anomaly ID	GPS SURVEY			Amp Unit	REACQUISITION		DIG RESULTS			QPOST-DIG QC Code	QC Initials	
		Location (ft)		Amp		Date	Amp	Depth (in)	Location Offset (in)	Type			Date
		Eastings (X)	Northing (Y)										
Local Training Area	HS_538	739831.25	1007526.25	208	mV	10/2/2006	209	2	15	Cultural Debris	10/11/2006	Pass	KC
Local Training Area	HS_542	739858.5	1007520.25	571	mV	10/2/2006	573	2	5	Cultural Debris	10/11/2006	Pass	KC
Local Training Area	HS_544	739864.5	1007492.75	2113	mV	10/2/2006	2114	2	0	Cultural Debris	10/11/2006	Pass	KC
Local Training Area	HS_549	739841.115	1007463.394	1020	mV	10/2/2006	1020	2	4	Cultural Debris	10/11/2006	Pass	KC
Local Training Area	HS_550	739848.75	1007458.25	479	mV	10/2/2006	480	2	24	Cultural Debris	10/11/2006	-	-
Local Training Area	HS_556	739900.815	1007521.445	42	mV	11/30/2006	42	2	12	Cultural Debris	11/6/2006	-	-
Local Training Area	HS_561	739899.5	1007495.25	369	mV	10/2/2006	370	2	0	Cultural Debris	10/11/2006	Pass	KC
Local Training Area	HS_567	740002.5	1007430.75	167	mV	10/2/2006	167	2	48	Cultural Debris	10/11/2006	Pass	KC
Local Training Area	HS_570	740008	1007466	138	mV	10/2/2006	137	2	10	Cultural Debris	10/11/2006	Pass	KC
Local Training Area	HS_591	740303.5	1007514	110	mV	10/2/2006	110	2	6	Cultural Debris	10/11/2006	-	-
Local Training Area	HS_640	740420.75	1007555	88	mV	11/30/2006	88	2	6	Cultural Debris	11/6/2006	-	-
Local Training Area	HS_642	740445.75	1007549.25	190	mV	10/2/2006	190	2	19	Cultural Debris	10/11/2006	-	-
Local Training Area	HS_645	740429.75	1007523.25	211	mV	10/2/2006	213	2	5	Cultural Debris	10/11/2006	-	-
Grenade Range	GRB2-40	737119.5	1007524	23	Mv	7/25/2006	22	1	48	Hot Soil	8/1/2006	-	-
Grenade Range	GRB3-3	737104.75	1007894.25	59	Mv	7/26/2006	56	1	1	Munitions Debris	7/27/2006	-	-
Grenade Range	GRB3-41	737130	1007982.5	44	Mv	7/26/2006	42	1	2	Munitions Debris	7/27/2006	-	-
Grenade Range	GRB3-43	737128	1007972	49	Mv	7/26/2006	51	1	4	Munitions Debris	7/27/2006	Pass	KC
Grenade Range	GRB3-49	737125.25	1007930	37	Mv	7/26/2006	52	1	20	Munitions Debris	7/27/2006	Pass	KC
Grenade Range	GRB3-58	737159.75	1007940.25	25	Mv	7/26/2006	24	1	1	Munitions Debris	7/27/2006	-	-
Grenade Range	GRB3-59	737154	1007947.25	53	Mv	7/26/2006	66	1	2	Munitions Debris	7/27/2006	-	-
Grenade Range	GRB3-60	737144.75	1007958	73	Mv	7/26/2006	100	1	5	Munitions Debris	7/27/2006	-	-
Grenade Range	GRB3-65	737148.25	1007973.25	44	Mv	7/26/2006	68	1	2	Munitions Debris	7/27/2006	-	-
Grenade Range	GRB3-66	737150.5	1007988	61	Mv	7/26/2006	62	1	20	Munitions Debris	7/27/2006	-	-
Grenade Range	GRB3-7	737131	1007845.5	43	Mv	7/26/2006	61	1	3	Munitions Debris	7/27/2006	Pass	KC
Grenade Range	GRB3-71	737203.5	1007963.5	67	Mv	7/26/2006	91	1	4	Munitions Debris	7/27/2006	-	-
Grenade Range	GRB3-75	737238	1007950.5	45	Mv	7/26/2006	41	1	3	Munitions Debris	7/27/2006	-	-
Grenade Range	GRB3-81	737244.75	1007892.75	33	Mv	7/26/2006	52	1	9	Munitions Debris	7/27/2006	-	-
Grenade Range	GRB3-88	737220.25	1007815.5	29	Mv	7/26/2006	31	1	24	Munitions Debris	7/27/2006	-	-
Grenade Range	GRB3-92	737192	1007773.75	23	Mv	7/26/2006	24	1	7	Cultural Debris	7/27/2006	-	-
Grenade Range	GRB3-99	737170	1007853.5	44	Mv	7/26/2006	44	1	8	Munitions Debris	7/27/2006	-	-
Grenade Range	GRB5-30	737156.12	1008473.29	96	Mv	7/27/2006	35	1	2	MPPEH	8/1/2006	Pass	KC
Grenade Range	GRB5-5	737125.42	1008487.91	77	Mv	7/26/2006	76	1	4	MPPEH	8/1/2006	-	-
Grenade Range	GRB6-146	737131.25	1008726	29	Mv	7/18/2006	85	1	1	Munitions Debris	7/19/2006	Pass	KC
Grenade Range	GRB6-149	737134.25	1008704.25	68	Mv	7/18/2006	270	1	6	MPPEH	7/19/2006	-	-
Grenade Range	GRB6-157	737176.03	1008709.45	52	Mv	7/18/2006	230	1	4	No Contact	7/19/2006	-	-
Grenade Range	GRB6-168	737189	1008586.25	138	Mv	7/18/2006	150	1	8	MPPEH	7/20/2006	-	-
Grenade Range	GRB6-176	737161.25	1008559.25	24	Mv	7/18/2006	48	1	3	Munitions Debris	7/20/2006	-	-
Grenade Range	GRB6-183	737220.5	1008549.75	38	Mv	7/18/2006	54	1	4	Munitions Debris	7/19/2006	-	-
Grenade Range	GRB6-185	737225.25	1008559.5	37	Mv	7/18/2006	70	1	4	No Contact	7/19/2006	-	-
Grenade Range	GRB6-189	737240.01	1008519.49	28	Mv	7/18/2006	55	1	1	Munitions Debris	7/19/2006	-	-
Grenade Range	GRB6-193	737211.25	1008534.25	70	Mv	7/18/2006	100	1	4	MPPEH	7/19/2006	-	-
Grenade Range	GRB6-201	737181.25	1008519.25	45	Mv	7/18/2006	115	1	8	MPPEH	7/19/2006	Pass	KC
Grenade Range	GRB6-204	737175.5	1008510.25	143	Mv	7/18/2006	205	1	2	No Contact	7/19/2006	-	-
Grenade Range	GRB6-206	737167.23	1008518.87	55	Mv	7/18/2006	110	1	12	No Contact	7/19/2006	-	-
Grenade Range	GRB6-207	737128.25	1008510.25	89	Mv	7/18/2006	140	1	1	Munitions Debris	7/19/2006	-	-
Grenade Range	GRB6-208	737118.25	1008509.25	45	Mv	7/18/2006	65	1	3	Munitions Debris	7/19/2006	-	-
Grenade Range	GRB6-215	737104.5	1008507	60	Mv	7/18/2006	90	1	5	MPPEH	7/19/2006	-	-
Grenade Range	GRB6-217	737112.44	1008514.31	100	Mv	7/18/2006	175	1	2	MPPEH	7/19/2006	Pass	KC
Grenade Range	GRB6-221	737096.33	1008521.61	24	Mv	7/18/2006	45	1	1	Munitions Debris	7/19/2006	Pass	KC
Grenade Range	GRB6-238	737137	1008571	54	Mv	7/18/2006	80	1	10	Cultural Debris	7/20/2006	Pass	KC
Grenade Range	GRB6-240	737122	1008576.25	54	Mv	7/18/2006	90	1	2	Cultural Debris	7/20/2006	-	-
Grenade Range	GRB6-31	737032	1008666	47	Mv	7/18/2006	100	1	1	Munitions Debris	7/19/2006	Pass	KC
Grenade Range	GRB6-41	737056.5	1008605.25	52	Mv	7/18/2006	65	1	1	Munitions Debris	7/20/2006	-	-
Grenade Range	GRB6-6	737100.59	1008559.97	68	Mv	7/18/2006	115	1	8	No Contact	7/20/2006	-	-
Grenade Range	GRB6-61	737087.75	1008628.75	40	Mv	7/18/2006	50	1	4	Munitions Debris	7/20/2006	-	-

APPENDIX B
SEAD 007-R-01 (Grenade Range) All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC		
	Anomaly ID	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
Grenade Range	GRC7-19	737360.75	1008891.5	30	Mv	7/21/2006	34	1	12	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC7-20	737397.25	1008888.5	54	Mv	7/21/2006	54	1	3	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRC7-22	737434.25	1008878.5	21	Mv	7/21/2006	22	1	20	Cultural Debris	7/24/2006	Trash	Pass	KC
Grenade Range	GRC7-9	737314.25	1008793.75	42	Mv	7/21/2006	43	1	2	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	GRD5-18	737594.86	1008426.38	64	Mv	7/21/2006	131	1	2	MPPEH	7/24/2006	M-73 sub cal motor	Pass	KC
Grenade Range	GRD5-32	737529	1008313.75	40	Mv	7/21/2006	71	1	24	MPPEH	7/24/2006	M-73 sub cal motor	Pass	KC
Grenade Range	GRD6-11	737556.5	1008557	20	Mv	7/31/2006	19	1	24	Cultural Debris	7/24/2006	Wire from an old fence	Pass	KC
Grenade Range	GRD6-8	737573.75	1008561.25	24	Mv	7/31/2006	25	1	20	Munitions Debris	7/24/2006	40mm head	Pass	KC
Grenade Range	ORGAP_026	737437.25	1008096.25	115	mV	10/3/2006	118	1	26	Cultural Debris	10/12/2006	Nails	Pass	KC
Grenade Range	GRGAP_027	737439.75	1008099.5	27	mV	10/3/2006	26	1	8	Cultural Debris	10/12/2006	Nails	-	-
Grenade Range	GRGAP_029	737433.5	1008102.75	23	mV	10/3/2006	22	1	6	Cultural Debris	10/12/2006	Nails	Pass	KC
Local Training Area	HS_051	739838	1007171	1366	mV	10/2/2006	1366	1	12	Cultural Debris	10/11/2006	Garbage pit	Pass	KC
Local Training Area	HS_057	739910.5	1007176	4018	mV	10/2/2006	4018	1	18	Cultural Debris	10/11/2006	-	-	-
Local Training Area	HS_060	739947.25	1007186.25	701	mV	10/2/2006	701	1	4	Cultural Debris	10/11/2006	-	-	-
Local Training Area	HS_065	739999.75	1007200.75	25847	mV	10/2/2006	5000	1	5	Cultural Debris	10/11/2006	-	Pass	KC
Local Training Area	HS_066	740015.872	1007204.615	2091	mV	10/2/2006	2091	1	15	Cultural Debris	10/11/2006	-	-	-
Local Training Area	HS_084	740029.75	1007270.75	226	mV	10/2/2006	226	1	2	Cultural Debris	10/11/2006	Pallet	-	-
Local Training Area	HS_086	740011.25	1007306.75	483	mV	10/2/2006	483	1	6	Munitions Debris	10/11/2006	Bomb fins	-	-
Local Training Area	HS_101	739984.25	1007370.25	367	mV	10/2/2006	367	1	5	Cultural Debris	10/11/2006	-	-	-
Local Training Area	HS_105	739941.75	1007333.75	1328	mV	10/2/2006	1328	1	8	Cultural Debris	10/11/2006	-	-	-
Local Training Area	HS_118	739904	1007368.5	167	mV	10/2/2006	167	1	24	Cultural Debris	10/11/2006	-	-	-
Local Training Area	HS_119	739865.25	1007375.25	74600	mV	10/2/2006	5000	1	1	Cultural Debris	10/11/2006	-	-	-
Local Training Area	HS_136	739459	1007324.25	545	mV	10/2/2006	545	1	2	Cultural Debris	10/11/2006	-	Pass	KC
Local Training Area	HS_140	738941	1007323.25	167	mV	10/2/2006	166	1	12	Cultural Debris	10/10/2006	-	Pass	KC
Local Training Area	HS_156	738012	1007487.25	445	mV	10/2/2006	445	1	12	Cultural Debris	10/10/2006	Scrap metal	Pass	KC
Local Training Area	HS_157	738018.5	1007487.25	181	mV	10/2/2006	180	1	10	Cultural Debris	10/10/2006	Angle iron	Pass	KC
Local Training Area	HS_226	737842.5	1007228.5	2147	mV	10/2/2006	2148	1	2	Cultural Debris	10/10/2006	-	Pass	KC
Local Training Area	HS_255	737940.25	1007194.5	130	mV	10/2/2006	130	1	5	Munitions Debris	10/10/2006	slap flare	Pass	KC
Local Training Area	HS_256	737949.75	1007193.5	426	mV	10/2/2006	426	1	4	Cultural Debris	10/10/2006	-	Pass	KC
Local Training Area	HS_331	739894	1007566.25	138	mV	10/2/2006	141	1	3	Cultural Debris	10/11/2006	-	Pass	KC
Local Training Area	HS_333	739867.5	1007580	303	mV	10/2/2006	304	1	10	Cultural Debris	10/11/2006	-	Pass	KC
Local Training Area	HS_346	739803.5	1007564.5	265	mV	10/2/2006	266	1	2	Cultural Debris	10/11/2006	-	Pass	KC
Local Training Area	HS_358	739482.75	1007574.25	111	mV	10/2/2006	111	1	1	Cultural Debris	10/11/2006	Scrap aluminum	Pass	KC
Local Training Area	HS_362	739449.5	1007558.75	55	mV	11/30/2006	55	1	15	Munitions Debris	11/6/2006	Small Arms, two .50 cal heads	-	-
Local Training Area	HS_384	738824.268	1007561.97	370	mV	10/2/2006	370	1	9	Cultural Debris	10/10/2006	Metal strap, 2ea, 30 cal rounds, and 2ea wing nuts.	Pass	KC
Local Training Area	HS_405	738378.25	1007526.25	131	mV	10/2/2006	131	1	5	Cultural Debris	10/10/2006	Banding and wire	Pass	KC
Local Training Area	HS_407	738330.75	1007525.25	924	mV	10/2/2006	925	1	7	Cultural Debris	10/10/2006	Iron bar and banding	Pass	KC
Local Training Area	HS_414	738263.75	1007439.75	1693	mV	10/2/2006	1693	1	6	Cultural Debris	10/10/2006	Steel plate and an iron rod	Pass	KC
Local Training Area	HS_416	738270.75	1007412.75	99	mV	11/30/2006	99	1	10	Cultural Debris	11/6/2006	Banding	-	-
Local Training Area	HS_424	738320	1007453.5	1377	mV	10/2/2006	1377	1	8	Cultural Debris	10/10/2006	Molding	Pass	KC
Local Training Area	HS_434	738396.5	1007408.75	182	mV	10/2/2006	183	1	14	Cultural Debris	10/10/2006	Scrap metal	Pass	KC
Local Training Area	HS_452	738491	1007467.75	43	mV	11/30/2006	44	1	6	Cultural Debris	11/6/2006	Nail	-	-
Local Training Area	HS_453	738494.5	1007462.5	86	mV	11/30/2006	86	1	9	Cultural Debris	11/6/2006	Scrap metal	-	-
Local Training Area	HS_459	738526	1007421.75	1053	mV	10/2/2006	1053	1	4	Cultural Debris	10/10/2006	Iron rod	Pass	KC
Local Training Area	HS_460	738502.488	1007414.021	46	mV	11/30/2006	46	1	20	Cultural Debris	11/6/2006	Banding	-	-
Local Training Area	HS_461	738498.25	1007407.25	117	mV	10/2/2006	117	1	6	Cultural Debris	10/10/2006	Scrap metal	Pass	KC
Local Training Area	HS_463	738498.75	1007418.25	29	mV	11/30/2006	29	1	13	Cultural Debris	11/6/2006	Banding	-	-
Local Training Area	HS_464	738494	1007421	96	mV	11/30/2006	96	1	10	Cultural Debris	11/6/2006	Nail	-	-
Local Training Area	HS_473	738842.5	1007397.5	347	mV	10/2/2006	347	1	20	Cultural Debris	10/10/2006	2 ea large metal pins	Pass	KC
Local Training Area	HS_475	738877	1007486	95	mV	11/30/2006	95	1	6	Cultural Debris	11/6/2006	Scrap metal	-	-
Local Training Area	HS_481	738997.75	1007506.75	16	mV	11/30/2006	16	1	3	Cultural Debris	11/2/2006	Nail	-	-
Local Training Area	HS_483	739003.839	1007518.382	372	mV	10/2/2006	373	1	6	Cultural Debris	10/10/2006	Tail light part	-	-
Local Training Area	HS_484	739005.75	1007531.75	234	mV	10/2/2006	235	1	9	Cultural Debris	10/10/2006	Reflector frame	Pass	KC
Local Training Area	HS_514	739502	1007463	41	mV	11/30/2006	41	1	3	Munitions Debris	11/6/2006	Small Arms, .50 cal head	-	-
Local Training Area	HS_515	739502	1007472	17	mV	11/30/2006	17	1	3	Munitions Debris	11/6/2006	Small Arms, .50 cal head	-	-

APPENDIX B
SEAD 007-R-01 (Grenade Range) All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
		Location (ft) Easting (X) Northing (Y)	Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials	
Grenade Range	GRB2-35	737085.25	1007566.25	21	Mv	7/25/2006	22	0	0	No Contact	8/1/2006		Pass	KC
Grenade Range	GRB2-36	737123.75	1007552.25	24	Mv	7/25/2006	26	0	0	No Contact	8/1/2006		Pass	KC
Grenade Range	GRB2-37	737123.25	1007548	34	Mv	7/25/2006	35	0	0	No Contact	8/1/2006		Pass	KC
Grenade Range	GRB2-38	737113.8	1007540.23	1	Mv	7/25/2006	16	0	0	No Contact	8/1/2006		-	
Grenade Range	GRB2-39	737109	1007529.75	16	Mv	7/25/2006	23	0	0	No Contact	8/1/2006		Pass	KC
Grenade Range	GRB2-42	737142.75	1007547.25	20	Mv	7/25/2006	21	0	0	No Contact	8/1/2006		Pass	KC
Grenade Range	GRB2-43	737171	1007532.25	16	Mv	7/25/2006	16	0	0	No Contact	8/1/2006		-	
Grenade Range	GRB2-47	737170.5	1007505.25	34	Mv	7/25/2006	33	0	0	No Contact	8/1/2006		-	
Grenade Range	GRB2-48	737171.25	1007504.25	20	Mv	7/25/2006	21	0	0	No Contact	8/1/2006		Pass	KC
Grenade Range	GRB2-49	737172.5	1007501.5	22	Mv	7/25/2006	22	0	0	No Contact	8/1/2006		Pass	KC
Grenade Range	GRB2-52	737181.75	1007568	21	Mv	7/21/2006	20	0	20	Cultural Debris	8/1/2006	Concrete pad	-	
Grenade Range	GRB2-53	737187.75	1007571.5	25	Mv	7/25/2006	23	0	24	Cultural Debris	8/1/2006	Concrete pad	-	
Grenade Range	GRB3-105	737194.25	1007898.25	17	Mv	7/26/2006	14	0	0	Munitions Debris	7/27/2006	40mm head	-	
Grenade Range	GRB3-12	737143.5	1007756.25	38	Mv	7/26/2006	29	0	0	No Contact	7/27/2006		Pass	KC
Grenade Range	GRB3-13	737124.5	1007773.5	22	Mv	7/26/2006	41	0	0	Hot Soil	7/27/2006	Hot Rock	-	
Grenade Range	GRB3-17	737123	1007752	18	Mv	7/26/2006	18	0	0	No Contact	7/27/2006		-	
Grenade Range	GRB3-18	737109	1007752	20	Mv	7/26/2006	21	0	0	No Contact	7/27/2006		-	
Grenade Range	GRB3-19	737082	1007757.5	22	Mv	7/25/2006	51	0	0	No Contact	7/27/2006		Pass	KC
Grenade Range	GRB3-24	737056.25	1007777.75	35	Mv	7/26/2006	37	0	0	Cultural Debris	7/27/2006	Trash, Same as #25	-	
Grenade Range	GRB3-27	737030.5	1007878	16	Mv	7/26/2006	25	0	0	Munitions Debris	7/27/2006	40mm head	-	
Grenade Range	GRB3-29	737080.5	1007914.25	58	Mv	7/26/2006	63	0	10	Cultural Debris	7/27/2006	40mm head and Seed item, B3-0029 and B3-0030 are the same item.	Pass	KC
Grenade Range	GRB3-36	737098.75	1007969.5	22	Mv	7/26/2006	23	0	0	No Contact	7/27/2006		Pass	KC
Grenade Range	GRB3-37	737105.5	1007977.25	18	Mv	7/26/2006	39	0	0	No Contact	7/27/2006		Pass	KC
Grenade Range	GRB3-38	737112.25	1007998	23	Mv	7/26/2006	21	0	1	Cultural Debris	7/27/2006	Soda can	Pass	KC
Grenade Range	GRB3-42	737120.75	1007975	38	Mv	7/26/2006	36	0	0	No Contact	7/27/2006		Pass	KC
Grenade Range	GRB3-45	737112	1007946.25	17	Mv	7/26/2006	16	0	0	No Contact	7/27/2006		-	
Grenade Range	GRB3-53	737141.75	1007940	30	Mv	7/26/2006	86	0	15	Munitions Debris	7/27/2006	Same as #54	Pass	KC
Grenade Range	GRB3-61	737146	1007966.75	16	Mv	7/26/2006	17	0	0	No Contact	7/27/2006		Pass	KC
Grenade Range	GRB3-62	737149.25	1007966.5	18	Mv	7/26/2006	24	0	0	Munitions Debris	7/27/2006	Same as #64	-	
Grenade Range	GRB3-63	737149	1007968.5	25	Mv	7/26/2006	32	0	0	Munitions Debris	7/27/2006	Same as #64	-	
Grenade Range	GRB3-72	737216.5	1007954	115	Mv	7/26/2006	123	0	20	Munitions Debris	7/27/2006	Same as #73	-	
Grenade Range	GRB3-79	737239.25	1007902.5	20	Mv	7/26/2006	23	0	0	No Contact	7/27/2006		-	
Grenade Range	GRB3-80	737240.5	1007901.75	28	Mv	7/26/2006	23	0	0	Munitions Debris	7/27/2006	40mm head	-	
Grenade Range	GRB3-9	737114.75	1007817.25	18	Mv	7/26/2006	36	0	0	Cultural Debris	7/27/2006	Trash, Same as #8	-	
Grenade Range	GRB3-91	737235.5	1007760	28	Mv	7/26/2006	32	0	0	Munitions Debris	7/27/2006	Same as #90	-	
Grenade Range	GRB3-98	737161	1007856.25	18	Mv	7/26/2006	21	0	0	Cultural Debris	7/27/2006	Trash, Same as #97	-	
Grenade Range	GRB-3A-2	737166	1007765.7	1	Mv	10/16/2006	1	0	0	Cultural Debris	7/28/2006	Several pieces of wire thru out polygon B-3-2	-	
Grenade Range	GRB-3G-1	737093.6	1007764.8	1	Mv	10/16/2006	1	0	0	Cultural Debris	7/20/2006	pieces of wire found inside polygon B-3-1	-	
Grenade Range	GRB-3H-1	737099.9	1007771.8	1	Mv	10/16/2006	1	0	0	Cultural Debris	7/20/2006	Nails found inside polygon B-3-1	-	
Grenade Range	GRB-3I-1	737105.5	1007766.9	1	Mv	10/16/2006	1	0	0	Cultural Debris	7/27/2006	Small animal trap found in polygon B-3-1	-	
Grenade Range	GRB4-18	737128.75	1008070.75	30	Mv	7/20/2006	19	0	0	No Contact	7/24/2006		-	
Grenade Range	GRB4-20	737150.75	1008050.25	18	Mv	7/20/2006	20	0	0	No Contact	7/24/2006		Pass	KC
Grenade Range	GRB4-21	737153.25	1008045.75	17	Mv	7/20/2006	25	0	0	No Contact	7/24/2006		-	
Grenade Range	GRB4-22	737145.25	1008039.25	19	Mv	7/20/2006	25	0	0	No Contact	7/24/2006		-	
Grenade Range	GRB4-28	737074.75	1008074	17	Mv	7/20/2006	20	0	0	No Contact	7/24/2006		Pass	KC
Grenade Range	GRB4-29	737103.25	1008091.75	18	Mv	7/20/2006	17	0	0	No Contact	7/24/2006		-	
Grenade Range	GRB4-32	737098.75	1008109.75	29	Mv	7/20/2006	20	0	0	No Contact	7/24/2006		-	
Grenade Range	GRB4-39	737119.25	1008200	23	Mv	7/20/2006	35	0	0	No Contact	7/24/2006		-	
Grenade Range	GRB5-102	737142.5	1008313.25	75	Mv	7/27/2006	98	0	0	No Contact	8/1/2006		-	
Grenade Range	GRB5-117	737106.75	1008270.75	18	Mv	7/26/2006	23	0	0	No Contact	7/31/2006		Pass	KC
Grenade Range	GRB5-119	737100	1008289	56	Mv	7/26/2006	69	0	0	Cultural Debris	8/1/2006	Scrap metal	Pass	KC
Grenade Range	GRB5-124	737034.75	1008367.75	16	Mv	7/26/2006	15	0	0	No Contact	7/31/2006		Pass	KC
Grenade Range	GRB5-127	737035	1008419	36	Mv	7/26/2006	21	0	0	No Contact	7/31/2006		-	
Grenade Range	GRB5-13	737108.75	1008467.25	32	Mv	7/26/2006	36	0	0	No Contact	7/31/2006		-	
Grenade Range	GRB5-133	737041.5	1008469.5	203	Mv	7/26/2006	213	0	0	No Contact	7/31/2006		Pass	KC

APPENDIX B
SEAD 007-R-01 (Grenade Range) All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	GPS SURVEY					REACQUISITION			DIG RESULTS				QPOST-DIG QC	
	Anomaly ID	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
		Easting (X)	Northing (Y)											
Grenade Range	GRB6-2	737115.75	1008574.25	50	Mv	7/18/2006	130	0	0	Munitions Debris	7/20/2006	B6-0003 and B6-0002 are the same item.	-	
Grenade Range	GRB6-202	737177.73	1008519.71	62	Mv	7/18/2006	170	0	0	No Contact	7/19/2006	M-73 sub cal motor. Anomalies B6-202 and B6-201 are same item	-	
Grenade Range	GRB6-203	737176.25	1008513.75	84	Mv	7/18/2006	100	0	0	MPPEH	7/19/2006	M-73 sub cal motor. Anomalies B6-203 and B6-204 are same item	-	
Grenade Range	GRB6-205	737169.5	1008521.25	17	Mv	7/18/2006	165	0	0	MPPEH	7/19/2006	M-73 sub cal motor. Anomalies B6-205 and B6-206 are same item	-	
Grenade Range	GRB6-210	737121.25	1008502.25	82	Mv	7/18/2006	80	0	0	No Contact	7/19/2006	M-73 sub cal. Anomalies B6-210 and B6-209 are same item	-	
Grenade Range	GRB6-212	737104.75	1008501.5	64	Mv	7/18/2006	90	0	0	No Contact	7/19/2006	Anomalies B6-212 is associated w M-73 sub cal, both flags marked the item	-	
Grenade Range	GRB6-216	737105.75	1008510.5	90	Mv	7/18/2006	135	0	5	Cultural Debris	7/19/2006	Anomalies B6-215 is associated w M-73 sub cal, both flags marked the item	-	
Grenade Range	GRB6-218	737107.06	1008517.41	63	Mv	7/18/2006	80	0	0	No Contact	7/19/2006	M-73 sub cal motor. Anomalies B6-218 and B6-219 are same item	-	
Grenade Range	GRB6-232	737114.25	1008559.25	84	Mv	7/18/2006	200	0	0	MPPEH	7/20/2006	M-73 sub cal motor. B6-0234 and B6-0232 are the same item.	-	
Grenade Range	GRB6-241	737113.25	1008579.75	45	Mv	7/18/2006	125	0	0	No Contact	7/20/2006	M-73 sub cal motor. B6-0001 and B6-0241 are the same item. Also found scrap meta	Pass	KC
Grenade Range	GRB6-27	737009	1008673.25	16	Mv	7/18/2006	65	0	0	Cultural Debris	7/19/2006	Trash, Anomalies B6-27 and B6-26 are same item	-	
Grenade Range	GRB6-37	737050	1008617.75	72	Mv	7/18/2006	140	0	0	No Contact	7/20/2006	M-73 sub cal motor. B6-0037 and B6-0036 are the same item.	-	
Grenade Range	GRB6-38	737044	1008612	38	Mv	7/18/2006	40	0	0	Cultural Debris	7/20/2006	Seed item, B6-0038 and B6-0039 are the same item.	-	
Grenade Range	GRB6-46	737105.75	1008598	41	Mv	7/18/2006	80	0	0	Cultural Debris	8/1/2006	Scrap metal	-	
Grenade Range	GRB6-48	737114.25	1008607.25	17	Mv	7/18/2006	25	0	0	Cultural Debris	7/20/2006	Trash, B6-0048 and B6-0047 are the same item.	Pass	KC
Grenade Range	GRB6-5	737102.75	1008559.75	53	Mv	7/18/2006	125	0	0	MPPEH	7/20/2006	M-73 sub cal motor. B6-0005 and B6-0006 are the same item.	Pass	KC
Grenade Range	GRB6-55	737125.75	1008597.75	109	Mv	7/18/2006	150	0	0	No Contact	7/20/2006	M-73 sub cal motor. B6-0054 and B6-0055 are the same item.	Pass	KC
Grenade Range	GRB6-64	737075.5	1008650.25	31	Mv	7/18/2006	55	0	0	No Contact	7/20/2006		Pass	KC
Grenade Range	GRB6-65	737078	1008649	61	Mv	7/18/2006	90	0	0	Cultural Debris	7/20/2006	Trash, B6-0065 and B6-0062 are the same item.	-	
Grenade Range	GRB6-69	737126.75	1008652.25	118	Mv	7/18/2006	118	0	0	Munitions Debris	7/20/2006	This contact was removed during a prior dig, has been checked by QC and the flag for that contact has been removed by QC (a M73)	Pass	KC
Grenade Range	GRB6-70	737128.5	1008642.25	66	Mv	7/18/2006	80	0	0	MPPEH	7/20/2006	M-73 sub cal motor. B6-0071 and B6-0070 are the same item.	-	
Grenade Range	GRB6-78	737186	1008648	185	Mv	7/18/2006	125	0	0	No Contact	7/19/2006	M-73 sub cal. Anomalies B6-78 and B6-77 are same item	-	
Grenade Range	GRB6-8	737094.5	1008558.5	98	Mv	7/18/2006	95	0	0	MPPEH	7/20/2006	M-73 sub cal motor. B6-0009 and B6-0008 are the same item.	-	
Grenade Range	GRB6-81	737184.25	1008664.25	149	Mv	7/18/2006	225	0	0	No Contact	7/19/2006	M-73 sub cal motor. Anomalies B6-81 and B6-80 are same item	-	
Grenade Range	GRB6-83	737167.5	1008664	80	Mv	7/18/2006	110	0	0	No Contact	7/19/2006	M-73 sub cal. Anomalies B6-83 and B6-82 are same item	-	
Grenade Range	GRB6-86	737164.5	1008654.25	43	Mv	7/18/2006	190	0	0	No Contact	7/19/2006	M-73 sub cal. Anomalies B6-86 and B6-85 are same item	Pass	KC
Grenade Range	GRB6-96	737113.5	1008674.25	140	Mv	7/18/2006	145	0	0	No Contact	7/19/2006	M-73 sub cal. Anomalies B6-96 and B6-97 are same item	Pass	KC
Grenade Range	GRB-6A-2	737093.1	1008532.2	1	Mv	10/16/2006	1	0	0	Cultural Debris	7/20/2006	Steel handle found inside polygon B-6-2 btw flags A, B, H, & I	-	
Grenade Range	GRB-6A-3A	737078.7	1008566.4	1	Mv	10/16/2006	1	0	0	Cultural Debris	7/20/2006	28" x 13" large piece of alum panel found between A & F flags	-	
Grenade Range	GRB-6A-3B	737078.7	1008566.4	1	Mv	10/16/2006	1	0	0	Cultural Debris	7/20/2006	Several pieces of exhaust manifold found between A & F flags	-	
Grenade Range	GRB-6A-3C	737078.7	1008566.4	1	Mv	10/16/2006	1	0	0	Cultural Debris	7/20/2006	Starter solinoid found between A & F flags	-	
Grenade Range	GRB-6A-3D	737078.7	1008566.4	1	Mv	10/16/2006	1	0	0	Cultural Debris	7/20/2006	Starter housing rear plate found between A & F flags	-	
Grenade Range	GRB-6A-3E	737078.7	1008566.4	1	Mv	10/16/2006	1	0	0	Cultural Debris	7/20/2006	Light fixture pieces found between A & F flags	-	
Grenade Range	GRB-6A-3F	737078.7	1008566.4	1	Mv	10/16/2006	1	0	0	Cultural Debris	7/20/2006	Metal screws found between A & F flags	-	
Grenade Range	GRB-6B-1	737108	1008526.5	1	Mv	10/16/2006	1	0	0	MPPEH	7/20/2006	M-73 sub cal found between B & E flags	-	
Grenade Range	GRB-6B-2	737087.9	1008539.2	1	Mv	10/16/2006	1	0	0	Munitions Debris	7/20/2006	Two 40mm heads found inside polygon B-6-2 btw flags A, B, H, & I	-	
Grenade Range	GRB-6B-3A	737081.3	1008584.4	1	Mv	10/16/2006	1	0	0	Cultural Debris	7/20/2006	Starter housing found between B & G flags	-	
Grenade Range	GRB-6B-3B	737081.3	1008584.4	1	Mv	10/16/2006	1	0	0	MPPEH	7/20/2006	14x M-73 sub cal found between B & G flags	-	
Grenade Range	GRB-6B-3C	737081.3	1008584.4	1	Mv	10/16/2006	1	0	0	Munitions Debris	7/20/2006	four 40mm heads found between B & G flags	-	
Grenade Range	GRB-6B-3D	737081.3	1008584.4	1	Mv	10/16/2006	1	0	0	Cultural Debris	7/20/2006	Steel washer found between B & G flags	-	
Grenade Range	GRB-6B-3E	737081.3	1008584.4	1	Mv	10/16/2006	1	0	0	Cultural Debris	7/20/2006	6" long piece of wire found between B & E flags	-	
Grenade Range	GRB-6B-3F	737081.3	1008584.4	1	Mv	10/16/2006	1	0	0	Cultural Debris	7/20/2006	Steel bracket found between B & E flags	-	
Grenade Range	GRB-6C-1	737117.7	1008530.3	1	Mv	10/16/2006	1	0	0	MPPEH	7/20/2006	two M-73 sub cal found between C & D flags	-	
Grenade Range	GRB-6C-2	737081.4	1008539.7	1	Mv	10/16/2006	1	0	0	Cultural Debris	7/20/2006	Old fence line running thru polygon from H to B, and C & D	-	
Grenade Range	GRB-6D-2	737082	1008544.3	1	Mv	10/16/2006	1	0	0	Cultural Debris	7/20/2006	Wire pieces found throughout the entire polygon.	-	
Grenade Range	GRB-6D-3A	737092.5	1008600.7	1	Mv	10/16/2006	1	0	0	MPPEH	7/20/2006	M-73 sub cal found between D & E flags	-	
Grenade Range	GRB-6D-3B	737092.5	1008600.7	1	Mv	10/16/2006	1	0	0	Cultural Debris	7/20/2006	Armature of a starter found between D & E flags	-	
Grenade Range	GRB-6D-3C	737092.5	1008600.7	1	Mv	10/16/2006	1	0	0	Cultural Debris	7/20/2006	Scrap metal found between D & E flags	-	
Grenade Range	GRB-6E-1	737113.1	1008519.7	1	Mv	10/16/2006	1	0	0	Munitions Debris	7/20/2006	40mm head found between B & E flags	-	
Grenade Range	GRB-6G-3A	737104.6	1008565	1	Mv	10/16/2006	1	0	0	MPPEH	7/20/2006	Seven M-73 sub cal found between H & G flags	-	
Grenade Range	GRB-6G-3B	737104.6	1008565	1	Mv	10/16/2006	1	0	0	Munitions Debris	7/20/2006	three 40mm heads found between H & G flags	-	
Grenade Range	GRB-6G-3C	737104.6	1008565	1	Mv	10/16/2006	1	0	0	Cultural Debris	7/20/2006	Wire found between H & G flags	-	
Grenade Range	GRB-6I-2	737102.1	1008531.6	1	Mv	10/16/2006	1	0	0	MPPEH	7/20/2006	12 M-73 sub cal found between B & H, I & A flags	-	

APPENDIX B
SEAD 007-R-01 (Grenade Range) All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	GPS SURVEY				REACQUISITION				DIG RESULTS				QPOST- QC Code	DIG QC Initials
		Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description			
		Easting (X)	Northing (Y)												
Grenade Range	GRC4-6	737333.25	1008187.25	26	Mv	7/20/2006	56	0	0	No Contact	7/24/2006		Pass	KC	
Grenade Range	GRC4-81	737351.5	1008033.5	54	Mv	7/21/2006	175	0	0	No Contact	7/25/2006		-	-	
Grenade Range	GRC4-C-1B	737354.9	1008173.5	1	Mv	10/16/2006	1	0	0	Munitions Debris	8/4/2006	Small Arms, two 5.56mm blanks found inside polygon C-4-1	-	-	
Grenade Range	GRC-4D-1	737359.8	1008161.6	1	Mv	10/16/2006	1	0	0	Munitions Debris	8/4/2006	Small Arms, three 5.56mm blank found inside polygon C-4-1	-	-	
Grenade Range	GRC-4E-1A	737355.4	1008158.5	1	Mv	10/16/2006	1	0	0	MPPEH	8/4/2006	two M-73 sub cal empty found inside polygon C-4-1	-	-	
Grenade Range	GRC-4E-1B	737355.4	1008158.5	1	Mv	10/16/2006	1	0	0	Munitions Debris	8/4/2006	40mm head found inside polygon C-4-1	-	-	
Grenade Range	GRC5-129	737428.25	1008272.75	16	Mv	8/1/2006	15	0	0	No Contact	8/1/2006		Pass	KC	
Grenade Range	GRC5-131	737472.75	1008275.75	20	Mv	8/1/2006	23	0	0	No Contact	8/1/2006		-	-	
Grenade Range	GRC5-133	737454.5	1008305.75	24	Mv	8/1/2006	33	0	0	No Contact	8/1/2006		-	-	
Grenade Range	GRC5-134	737439.75	1008312.5	20	Mv	8/1/2006	20	0	0	No Contact	8/1/2006		-	-	
Grenade Range	GRC5-136	737424.5	1008324.75	16	Mv	8/1/2006	15	0	0	No Contact	8/1/2006		-	-	
Grenade Range	GRC5-138	737425.25	1008346.25	23	Mv	8/1/2006	21	0	0	No Contact	8/2/2006		Pass	KC	
Grenade Range	GRC5-143	737495	1008406.75	18	Mv	8/1/2006	15	0	0	No Contact	8/2/2006		-	-	
Grenade Range	GRC5-158	737491.5	1008476.25	28	Mv	8/1/2006	32	0	0	No Contact	8/1/2006		-	-	
Grenade Range	GRC5-159	737467.25	1008484	28	Mv	8/1/2006	25	0	0	No Contact	8/1/2006		-	-	
Grenade Range	GRC5-16	737271.75	1008488.25	43	Mv	7/27/2006	36	0	0	Munitions Debris	8/1/2006	Same as #17	-	-	
Grenade Range	GRC5-164	737451.5	1008488.5	136	Mv	8/1/2006	155	0	12	Munitions Debris	8/1/2006	Same as #163	-	-	
Grenade Range	GRC5-165	737441.5	1008487.25	16	Mv	8/1/2006	16	0	0	No Contact	8/1/2006		-	-	
Grenade Range	GRC5-169	737399.75	1008484.5	24	Mv	8/1/2006	21	0	0	No Contact	8/1/2006		-	-	
Grenade Range	GRC5-170	737398.75	1008483	24	Mv	8/1/2006	21	0	0	No Contact	8/1/2006		-	-	
Grenade Range	GRC5-172	737400	1008474.25	26	Mv	8/1/2006	21	0	0	No Contact	8/1/2006		-	-	
Grenade Range	GRC5-176	737394.25	1008450.75	18	Mv	8/1/2006	21	0	0	No Contact	8/1/2006		-	-	
Grenade Range	GRC5-177	737384.25	1008459	16	Mv	8/1/2006	17	0	0	Cultural Debris	8/1/2006	Scrap metal	-	-	
Grenade Range	GRC5-18	737268.75	1008488	32	Mv	7/27/2006	52	0	0	Munitions Debris	8/1/2006	Same as #17	-	-	
Grenade Range	GRC5-185	737376.25	1008445.25	93	Mv	8/1/2006	109	0	0	Munitions Debris	8/1/2006	Same as #184	-	-	
Grenade Range	GRC5-186	737388.25	1008437.25	20	Mv	8/1/2006	16	0	0	No Contact	8/1/2006		-	-	
Grenade Range	GRC5-188	737373.25	1008410.5	25	Mv	8/1/2006	32	0	0	No Contact	8/2/2006		-	-	
Grenade Range	GRC5-194	737345.25	1008379	44	Mv	8/1/2006	55	0	20	Munitions Debris	8/2/2006	40mm head	-	-	
Grenade Range	GRC5-195	737343	1008378.5	42	Mv	7/27/2006	56	0	12	Munitions Debris	8/2/2006	Same as #194	-	-	
Grenade Range	GRC5-201	737324	1008398.25	21	Mv	7/27/2006	111	0	0	Munitions Debris	8/2/2006	Same as #200	Pass	KC	
Grenade Range	GRC5-203	737341.75	1008398.75	16	Mv	8/1/2006	15	0	0	Cultural Debris	8/1/2006	Scrap metal	-	-	
Grenade Range	GRC5-205	737344.5	1008406.75	98	Mv	7/27/2006	123	0	8	Cultural Debris	8/2/2006	Wrench same as #204	Pass	KC	
Grenade Range	GRC5-26	737266.5	1008426.25	18	Mv	7/27/2006	55	0	0	Munitions Debris	8/2/2006	Same as #25	Pass	KC	
Grenade Range	GRC5-36	737307.25	1008393.5	78	Mv	7/27/2006	77	0	0	Munitions Debris	8/2/2006	Same as #351	-	-	
Grenade Range	GRC5-41	737300.25	1008377.5	135	Mv	7/27/2006	136	0	10	Munitions Debris	8/2/2006	Same as #40	-	-	
Grenade Range	GRC5-5	737318	1008434.75	39	Mv	7/27/2006	75	0	0	Cultural Debris	8/1/2006	Trash, Same as #6	-	-	
Grenade Range	GRC5-72	737299	1008303.5	156	Mv	7/27/2006	163	0	0	No Contact	8/2/2006		-	-	
Grenade Range	GRC5-85	737337.5	1008285.25	76	Mv	7/27/2006	75	0	0	No Contact	8/2/2006		Pass	KC	
Grenade Range	GRC5-86	737334.75	1008284.25	107	Mv	7/27/2006	108	0	0	No Contact	8/2/2006		Pass	KC	
Grenade Range	GRC5-91	737328	1008276	54	Mv	7/27/2006	55	0	0	No Contact	8/2/2006		-	-	
Grenade Range	GRC6-03	737433.25	1008574.75	29	Mv	7/17/2006	29	0	0	No Contact	7/19/2006		-	-	
Grenade Range	GRC6-08	737426.75	1008567.75	56	Mv	7/17/2006	58	0	0	Cultural Debris	8/1/2006	Scrap metal	Pass	KC	
Grenade Range	GRC6-103	737339.75	1008589	49	Mv	7/17/2006	55	0	0	No Contact	7/20/2006		-	-	
Grenade Range	GRC6-108	737348	1008574.25	64	Mv	7/17/2006	65	0	0	No Contact	7/20/2006		Pass	KC	
Grenade Range	GRC6-112	737363.5	1008551.25	26	Mv	7/17/2006	42	0	0	No Contact	7/20/2006		-	-	
Grenade Range	GRC6-114	737371.75	1008548.25	18	Mv	7/17/2006	24	0	0	No Contact	7/19/2006		-	-	
Grenade Range	GRC6-117	737375.75	1008554.75	23	Mv	7/17/2006	23	0	0	No Contact	7/20/2006		-	-	
Grenade Range	GRC6-119	737393.25	1008575	18	Mv	7/17/2006	23	0	0	No Contact	7/20/2006		-	-	
Grenade Range	GRC6-122	737379.25	1008581.25	62	Mv	7/17/2006	74	0	0	No Contact	7/20/2006		-	-	
Grenade Range	GRC6-129	737387.5	1008698.75	20	Mv	7/17/2006	16	0	0	No Contact	7/20/2006		-	-	
Grenade Range	GRC6-133	737360.5	1008686	18	Mv	7/17/2006	18	0	0	No Contact	7/20/2006		-	-	
Grenade Range	GRC6-137	737301.75	1008706	53	Mv	7/17/2006	86	0	0	No Contact	7/20/2006		-	-	
Grenade Range	GRC6-143	737294	1008740.25	25	Mv	7/17/2006	165	0	0	No Contact	7/20/2006		Pass	KC	
Grenade Range	GRC6-147	737303.75	1008735	166	Mv	7/17/2006	171	0	0	No Contact	7/20/2006		-	-	
Grenade Range	GRC6-15	737385	1008548.5	84	Mv	7/17/2006	127	0	0	No Contact	7/19/2006		-	-	

APPENDIX B
SEAD 007-R-01 (Grenade Range) All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	GPS SURVEY				REACQUISITION		DIG RESULTS				QPOST-DIG QC	
		Location (ft) Easting (X) Northing (Y)	Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
Grenade Range	GRD6-6	737578.25	1008610.75	17	Mv	7/31/2006	15	0	0	No Contact	7/24/2006	-	-
Grenade Range	GRD6-7	737565	1008583.5	23	Mv	7/31/2006	25	0	0	No Contact	7/24/2006	Pass	KC
Grenade Range	GRD-6F-1	737612.7	1008547.2	1	Mv	10/16/2006	1	0	0	Cultural Debris	8/4/2006	-	-
Grenade Range	GRGAP_013	737326.75	1007990	278	mV	10/3/2006	277	0	8	Cultural Debris	10/12/2006	-	-
Grenade Range	GRGAP_014	737333.5	1007989.5	19	mV	10/3/2006	20	0	12	Cultural Debris	10/12/2006	Pass	KC
Grenade Range	GRGAP_023	737444.25	1008090	32	mV	10/3/2006	36	0	14	Munitions Debris	10/12/2006	Pass	KC
Grenade Range	GRGAP_036	737446.75	1008796.75	22	mV	10/3/2006	23	0	0	No Contact	10/10/2006	-	-
Local Training Area	HS_005	738342.25	1007135.75	160	mV	10/2/2006	160	0	0	No Contact	10/10/2006	Pass	KC
Local Training Area	HS_010	738431.896	1007168.555	41123	mV	10/2/2006	5000	0	2	Cultural Debris	10/10/2006	Pass	KC
Local Training Area	HS_016	738503.5	1007237.75	71	mV	11/30/2006	72	0	0	No Contact	11/2/2006	-	-
Local Training Area	HS_017	738506.5	1007223	18	mV	11/30/2006	17	0	0	No Contact	11/2/2006	-	-
Local Training Area	HS_020	738783.25	1007196.25	16	mV	11/30/2006	16	0	0	No Contact	11/2/2006	-	-
Local Training Area	HS_021	738789.5	1007197.5	23	mV	11/30/2006	23	0	0	No Contact	11/2/2006	-	-
Local Training Area	HS_025	738882.799	1007186.74	39	mV	11/30/2006	39	0	0	No Contact	11/2/2006	-	-
Local Training Area	HS_027	739416.704	1007246.811	30	mV	11/30/2006	31	0	0	No Contact	11/2/2006	Pass	KC
Local Training Area	HS_142	738929	1007267.75	16	mV	11/30/2006	16	0	18	Cultural Debris	11/2/2006	-	-
Local Training Area	HS_146	738811.5	1007258.25	37	mV	11/30/2006	37	0	0	No Contact	11/2/2006	-	-
Local Training Area	HS_149	738523.5	1007286.5	27	mV	11/30/2006	27	0	0	No Contact	11/2/2006	-	-
Local Training Area	HS_324	739945.75	1007567.75	29	mV	11/30/2006	29	0	8	Cultural Debris	11/6/2006	-	-
Local Training Area	HS_355	739508.25	1007545.25	79	mV	11/30/2006	80	0	0	No Contact	11/6/2006	-	-
Local Training Area	HS_363	739425.75	1007564.25	21	mV	11/30/2006	21	0	0	No Contact	11/6/2006	-	-
Local Training Area	HS_364	739415.719	1007565.701	34	mV	11/30/2006	35	0	0	No Contact	11/6/2006	-	-
Local Training Area	HS_379	738950.75	1007543.5	47	mV	11/30/2006	46	0	4	Cultural Debris	11/6/2006	-	-
Local Training Area	HS_471	738820.5	1007489.75	19	mV	11/30/2006	18	0	0	No Contact	11/2/2006	-	-
Local Training Area	HS_559	739940.56	1007530.681	39	mV	11/30/2006	39	0	6	Cultural Debris	11/6/2006	-	-
Local Training Area	HS_563	739911.25	1007458.5	61	mV	11/30/2006	61	0	3	Cultural Debris	11/6/2006	-	-
Local Training Area	HS_564	739919.286	1007464.714	37	mV	11/30/2006	36	0	6	Cultural Debris	11/6/2006	-	-
Local Training Area	HS_565	739935.777	1007465.208	45	mV	11/30/2006	45	0	20	Cultural Debris	11/6/2006	-	-
Local Training Area	HS_569	740000.75	1007463	230	mV	10/2/2006	233	0	2	Cultural Debris	10/11/2006	Pass	KC
Local Training Area	HS_603	740526.61	1007524.212	183	mV	10/2/2006	186	0	8	Cultural Debris	10/11/2006	-	-
Local Training Area	HS_638	740420.5	1007570.5	90	mV	11/30/2006	90	0	6	Cultural Debris	11/6/2006	-	-
Local Training Area	HS_639	740424.214	1007564.727	40	mV	11/30/2006	39	0	8	Cultural Debris	11/6/2006	-	-

Note: QC Code (-) indicates the Anomaly was not QC'ed, (Pass) indicates the Anomaly was QC'ed and was acceptable.

APPENDIX B
SEAD 46 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ²	QC Initials
	Easting (X)	Northing (Y)											
46A18-0009	748953	1007557.25	889	Mv	8/16/2006	444	24	48	Cultural Debris	8/22/2006	Same as #14	Pass	KC
46A18-0011	748949	1007559.5	587	Mv	8/16/2006	631	24	36	Cultural Debris	8/22/2006	same ad #14	Pass	KC
46A18-0033	748947	1007548	148	Mv	8/16/2006	80	24	24	Hot Soil	8/22/2006	Large hot rock	Pass	KC
46C18-0014	749147.5	1007566.75	111	Mv	8/21/2006	50	24	18	Cultural Debris	8/22/2006	Fence post	-	-
46E16-0029	749442.25	1007359.5	93	Mv	8/21/2006	45	24	6	Cultural Debris	8/22/2006	Trash	Pass	KC
46A18-0018	748980	1007573.5	349	Mv	8/16/2006	168	22	36	Cultural Debris	8/22/2006	Same as #19	Pass	KC
46A18-0019	748978	1007570.75	343	Mv	8/16/2006	235	22	8	Cultural Debris	8/22/2006	Steel bar	-	-
46A18-0030	748975.75	1007573	154	Mv	8/16/2006	76	22	18	Cultural Debris	8/22/2006	Same as #19	-	-
46E16-0036	749453.5	1007363.25	57	Mv	8/21/2006	25	22	5	Cultural Debris	8/22/2006	Trash	-	-
46A16-0038	748896.5	1007470.5	226	Mv	8/16/2006	132	18	5	Munitions Debris	8/23/2006	Numerous pieces of small frag and brass pieces, dug down to water. Could not clear, will take mechanical digging.	-	-
46E08-0023	749434.25	1006462	234	Mv	8/21/2006	115	18	12	Munitions Debris	8/29/2006	Small Arms, piece of 50 cal . cart. and part of a 75mm proj. [base] 2 digs	Pass	KC
46K06-0070	750105.75	1006239.75	67	Mv	8/10/2006	39	18	15	Cultural Debris	8/29/2006		-	-
46E16-0033	749449.5265	1007346.355	66	Mv	8/21/2006	33	15	5	Cultural Debris	8/22/2006	Trash	Pass	KC
46K04-0020	750224.5	1005847	420	Mv	8/15/2006	220	15	48	Cultural Debris	8/31/2006	Trash	-	-
46K06-0017	750157	1006172.75	207	Mv	8/10/2006	158	15	5	Munitions Debris	8/29/2006	slap flare	Pass	KC
46K06-0039	750200.75	1006071.5	107	Mv	8/10/2006	63	15	2	Munitions Debris	8/29/2006	M-17 smoke round	Pass	KC
46C18-0016	749035.5	1007591.25	100	Mv	8/21/2006	50	14	1	Cultural Debris	8/22/2006	Trash	Pass	KC
46E10-0008	749389.5	1006574.25	310	Mv	8/21/2006	164	14	5	Munitions Debris	8/28/2006	Fuze PT/TF 1907	Pass	KC
46K04-0033	750129.25	1005816.75	250	Mv	8/15/2006	157	14	5	Munitions Debris	9/5/2006	candle cart.	Pass	KC
46K06-0013	750174	1006026	260	Mv	8/10/2006	130	14	3	Cultural Debris	8/29/2006		Pass	KC
46K08-0015	750038	1006384.75	69	Mv	8/9/2006	22	14	7	Cultural Debris	8/29/2006	Seed Item	-	-
46G06-0071	749656.25	1006127	136	Mv	8/10/2006	86	13	24	Munitions Debris	8/30/2006	Flare piece	-	-
46A16-0034	748892	1007477.25	258	Mv	8/16/2006	362	12	4	Cultural Debris	8/24/2006	Trash	-	-
46A16-0039	748971.25	1007379.5	218	Mv	8/16/2006	216	12	12	Cultural Debris	8/23/2006	Pliers	-	-
46C16-0003	749035.04	1007384.56	508	Mv	8/21/2006	261	12	24	Cultural Debris	9/6/2006	Scrap metal, several pieces	-	-
46C18-0005	749175	1007540.5	425	Mv	8/21/2006	210	12	8	Cultural Debris	8/23/2006	Trash	Pass	KC
46G08-0035	749595.75	1006338	82	Mv	8/16/2006	41	12	30	Cultural Debris	8/29/2006	Trash, Same as #47 and #54	Pass	KC
46G08-0047	749592.5	1006337.75	63	Mv	8/16/2006	39	12	24	Cultural Debris	8/29/2006	Trash	Pass	KC
46G08-0054	749593.25	1006340.75	59	Mv	8/16/2006	39	12	18	Cultural Debris	8/29/2006	Trash, Same as #47	Pass	KC
46I04-0066	749949.5	1005898.25	54	Mv	8/15/2006	29	12	20	Munitions Debris	9/5/2006	Slap flare	-	-
46K02-0025	750086.75	1005640.5	186	Mv	8/14/2006	136	12	10	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	-	-
46K04-0029	750031.75	1005985	294	Mv	8/15/2006	263	12	8	Munitions Debris	9/5/2006	slap flare	Pass	KC
46K04-0045	750118	1005865.25	195	Mv	8/15/2006	126	12	10	Munitions Debris	9/5/2006	M-62 smoke pieces	-	-
46K04-0106	750141.75	1005781	83	Mv	8/15/2006	74	12	8	Cultural Debris	9/5/2006		-	-
46K04-0158	750139.75	1005933.25	61	Mv	8/15/2006	36	12	20	Cultural Debris	9/5/2006		-	-
46K06-0014	750097	1006085	236	Mv	8/10/2006	132	12	4	Munitions Debris	8/29/2006	slap flare	Pass	KC
46K06-0022	750163.5	1006071	177	Mv	8/10/2006	96	12	15	Munitions Debris	8/29/2006	slap flare	-	-
46K06-0034	750179	1006011.75	138	Mv	8/10/2006	85	12	7	Cultural Debris	8/29/2006		Pass	KC
46K06-0049	750182.75	1006038.25	86	Mv	8/10/2006	42	12	3	Cultural Debris	8/29/2006		Pass	KC
46K06-0065	750153	1006090.75	71	Mv	8/10/2006	56	12	4	Cultural Debris	8/29/2006		Pass	KC
46K06-0072	750166	1006081.75	66	Mv	8/10/2006	33	12	10	Munitions Debris	8/29/2006	2.36" rkt scrap pieces	Pass	KC
46K06-0076	750170.25	1006033.5	62	Mv	8/10/2006	64	12	5	Cultural Debris	8/29/2006		-	-
46K06-0077	750037.5	1006048	61	Mv	8/10/2006	61	12	3	Cultural Debris	8/29/2006		Pass	KC
46K06-0080	750058.75	1006079.25	59	Mv	8/10/2006	23	12	18	Cultural Debris	8/29/2006		Pass	KC
46K06-0087	750133.5	1006067.25	56	Mv	8/10/2006	28	12	18	Cultural Debris	8/29/2006		-	-

APPENDIX B
SEAD 46 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ²	QC Initials
	Easting (X)	Northing (Y)											
46E16-0032	749436	1007368.5	67	Mv	8/21/2006	32	9	5	Cultural Debris	8/22/2006	Trash	Pass	KC
46E18-0007	749466.75	1007593.25	54	Mv	8/21/2006	25	9	5	Cultural Debris	8/22/2006	Trash	-	-
46G06-0040	749611	1006146.75	306	Mv	8/10/2006	13	9	20	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G06-0050	749575.5	1006181.25	258	Mv	8/10/2006	252	9	20	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G06-0061	749637	1006158.25	180	Mv	8/10/2006	205	9	12	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G08-0013	749577.25	1006331.25	387	Mv	8/16/2006	153	9	18	Munitions Debris	8/29/2006	Flare piece	Pass	KC
46104-0008	749973.75	1005944.25	337	Mv	8/15/2006	203	9	8	Cultural Debris	8/31/2006	Seed item #11. 46104-0008 and 46104-0032 are the same item.	Pass	KC
46104-0028	749800.25	1005948.25	106	Mv	8/15/2006	57	9	10	Cultural Debris	8/31/2006	Scrap iron	-	-
46104-0032	749972.25	1005947.75	93	Mv	8/15/2006	140	9	20	No Contact	8/31/2006	Seed item #11. 46104-0008 and 46104-0032 are the same item.	-	-
46114-0021	749982.25	1007017.75	58	Mv	8/16/2006	32	9	5	Cultural Debris	8/24/2006		Pass	KC
46K02-0033	750157.5657	1005624.058	134	Mv	8/14/2006	136	9	18	Munitions Debris	9/5/2006	Same as #38	-	-
46K02-0038	750155.2392	1005626.013	104	Mv	8/14/2006	104	9	18	Munitions Debris	9/5/2006	Flare candle holder	-	-
46K06-0016	750163.75	1006021.5	218	Mv	8/10/2006	139	9	8	Cultural Debris	8/29/2006		-	-
46K06-0075	750207.5	1006081.5	62	Mv	8/10/2006	32	9	8	Cultural Debris	8/29/2006		-	-
46M02-0019	750291.3318	1005671.508	80	Mv	8/14/2006	69	9	12	Cultural Debris	9/6/2006		-	-
46M04-0059	750361.5	1005897.5	90	Mv	8/14/2006	33	9	6	Cultural Debris	8/30/2006	Trash	Pass	KC
46A16-0013	748958	1007444.75	818	Mv	8/16/2006	444	8	3	MPPEH	8/23/2006	75mm projectile with mk 5 p/d fuze. empty	-	-
46A16-0035	748997.75	1007346.25	258	Mv	8/16/2006	253	8	15	Munitions Debris	8/23/2006	Flare cartridge	Pass	KC
46A16-0053	748988.75	1007361.25	134	Mv	8/16/2006	153	8	18	Cultural Debris	8/23/2006	Barbed wire pieces	-	-
46A16-0063	748988.25	1007364.75	104	Mv	8/16/2006	52	8	18	Cultural Debris	8/23/2006	Trash. Same as #53	Pass	KC
46A16-0073	748940.2707	1007351.691	77	Mv	8/16/2006	36	8	20	Cultural Debris	8/23/2006	Trash	-	-
46C18-0027	749175.75	1007532	69	Mv	8/21/2006	33	8	24	Cultural Debris	8/23/2006	Trash	Pass	KC
46E08-0007	749280	1006334.5	442	Mv	8/21/2006	220	8	18	Cultural Debris	8/29/2006	Trash	-	-
46E08-0011	749278.75	1006331	401	Mv	8/21/2006	200	8	24	Cultural Debris	8/29/2006	Trash. Same as #7	Pass	KC
46E08-0017	749401.75	1006464.25	319	Mv	8/21/2006	153	8	5	Munitions Debris	8/29/2006	Fuze	-	-
46E08-0029	749422	1006431	175	Mv	8/21/2006	78	8	4	Munitions Debris	8/29/2006	Frag. 75mm	Pass	KC
46E10-0039	749318.75	1006699.75	38	Mv	9/13/2006	38	8	6	Munitions Debris	9/25/2006	2.36in fin parts	Pass	KC
46E10-0046	749311	1006536.75	34	Mv	9/13/2006	34	8	5	Munitions Debris	9/26/2006	37 mm Cartridge peice	Pass	KC
46E12-0007	749437	1006753.5	99	Mv	8/21/2006	52	8	5	Cultural Debris	8/24/2006	Cap crimpers	Pass	KC
46G04-0006	749622	1005988.25	149	Mv	8/15/2006	74	8	20	Munitions Debris	8/30/2006	Flare piece	-	-
46G06-0033	749575.25	1006204.25	350	Mv	8/10/2006	156	8	6	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G06-0038	749662	1006161.25	319	Mv	8/10/2006	363	8	17	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G06-0044	749709.25	1006180.25	288	Mv	8/10/2006	136	8	6	Munitions Debris	8/30/2006	Frag	-	-
46G06-0046	749587.75	1006173.5	280	Mv	8/14/2006	153	8	11	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G06-0051	749631	1006154.75	246	Mv	8/10/2006	156	8	6	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G06-0054	749616	1006185	218	Mv	8/14/2006	200	8	4	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G08-0015	749587.75	1006431.5	358	Mv	8/16/2006	165	8	24	Cultural Debris	8/29/2006	Bolts and nails	Pass	KC
46G10-0006	749563.002	1006749.066	2576	Mv	8/21/2006	1736	8	5	Cultural Debris	8/28/2006	Wire	Pass	KC
46G14-0009	749533.875	1007105.375	319	Mv	8/16/2006	168	8	7	Munitions Debris	8/24/2006	Small Arms. .50 cal pieces	-	-
46G14-0073	749597.5	1007144.75	72	Mv	8/17/2006	42	8	12	Cultural Debris	8/23/2006		-	-
46G14-0245	749700	1007118.5	40	Mv	9/13/2006	40	8	12	Munitions Debris	9/28/2006	Small Arms. .50 cal pieces	-	-
46104-0007	749817	1005828	380	Mv	8/15/2006	174	8	20	Munitions Debris	8/31/2006	Flare piece	-	-
46104-0023	749968	1005760	159	Mv	8/15/2006	74	8	8	Munitions Debris	8/31/2006	Frag	-	-
46106-0041	749974.25	1006246	75	Mv	8/10/2006	63	8	8	Munitions Debris	8/30/2006	Frag	-	-
46106-0070	749760	1006199	51	Mv	8/10/2006	53	8	14	Munitions Debris	8/30/2006	Frag	-	-
46108-0034	749950	1006480	55	Mv	8/17/2006	29	8	5	Cultural Debris	8/28/2006	Trash	Pass	KC
46108-0038	749812.25	1006258	50	Mv	8/21/2006	26	8	10	Cultural Debris	8/28/2006		Pass	KC

APPENDIX B
SEAD 46 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (In)	Location Offset (In)	Type	Date	Item Description	QC Code ²	QC Initials
	Easting (X)	Northing (Y)											
46E14-0020	749464	1007049.75	185	Mv	8/21/2006	96	7	6	Cultural Debris	8/24/2006	Trash	Pass	KC
46E20-0003	749412	1007759.75	56	Mv	8/21/2006	25	7	5	Cultural Debris	8/22/2006	Trash	-	-
46G06-0053	749594.5	1006171.5	237	Mv	8/14/2006	157	7	12	Munitions Debris	8/30/2006	Flare piece Same as #77	Pass	KC
46G06-0060	749643.75	1006173	187	Mv	8/10/2006	123	7	24	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G06-0067	749651.75	1006157.5	154	Mv	8/10/2006	163	7	4	Munitions Debris	8/30/2006	Flare piece	-	-
46G06-0069	749580	1006186.25	138	Mv	8/10/2006	152	7	36	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G06-0077	749591.75	1006173.25	94	Mv	8/14/2006	111	7	24	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G06-0628	749730.25	1006063.5	11	Mv	9/13/2006	11	7	12	Hot Soil	9/28/2006	Hot rock	-	-
46G08-0026	749520.25	1006374.75	160	Mv	8/16/2006	80	7	20	Munitions Debris	8/29/2006	Flare piece	Pass	KC
46G08-0062	749658	1006331	54	Mv	8/16/2006	28	7	12	Cultural Debris	8/29/2006	Trash	Pass	KC
46G08-0069	749521.25	1006449.5	45	Mv	9/13/2006	45	7	6	Munitions Debris	9/26/2006	Flare piece	Pass	KC
46G10-0050	749623.25	1006507	74	Mv	8/21/2006	36	7	14	Cultural Debris	8/28/2006	Wrench	Pass	KC
46G10-0139	749750	1006688	26	Mv	9/13/2006	26	7	9	Cultural Debris	9/28/2006	Scrap metal	Pass	KC
46G10-0144	749510	1006532	25	Mv	9/13/2006	25	7	16	Munitions Debris	9/28/2006	Small Arms, .50 cal head	Pass	KC
46G14-0010	749563.75	1007140	309	Mv	8/17/2006	175	7	6	Munitions Debris	8/23/2006	Small Arms, .50 cal pieces	-	-
46G14-0013	749572.75	1007157	288	Mv	8/17/2006	152	7	3	Munitions Debris	8/23/2006	Small Arms, .50 cal pieces	-	-
46G14-0018	749589	1007105.5	244	Mv	8/16/2006	126	7	6	Munitions Debris	8/23/2006	M-17 smoke pieces	Pass	KC
46G14-0154	749632.75	1007066.25	51	Mv	8/16/2006	31	7	5	Cultural Debris	8/23/2006	-	Pass	KC
46G14-0156	749644.5	1007097.25	51	Mv	8/16/2006	26	7	12	Munitions Debris	8/23/2006	Small Arms, brass	Pass	KC
46G16-0044	749661	1007253.5	38	Mv	9/13/2006	38	7	8	Munitions Debris	9/25/2006	Small Arms, .50 cal pieces	-	-
46I04-0010	749889.75	1005800.5	308	Mv	8/15/2006	154	7	9	Cultural Debris	8/31/2006	-	Pass	KC
46I04-0047	749892	1005873.75	65	Mv	8/15/2006	37	7	6	Munitions Debris	9/5/2006	Frag	-	-
46I04-0049	749939.75	1005989	62	Mv	8/15/2006	33	7	14	Munitions Debris	8/31/2006	Signal Flare /Smoke piece	-	-
46I06-0006	749871.75	1006181	518	Mv	8/10/2006	236	7	20	Munitions Debris	8/31/2006	Signal Flare /Smoke piece	-	-
46I06-0015	749871	1006247.75	143	Mv	8/10/2006	161	7	19	Munitions Debris	8/30/2006	Flare /smoke piece	Pass	KC
46I06-0030	749828.25	1006110.25	95	Mv	8/10/2006	80	7	9	Munitions Debris	8/31/2006	Signal Flare /Smoke piece, 2 pieces/2 digs	Pass	KC
46I06-0046	749859.75	1006158.75	65	Mv	8/10/2006	44	7	18	Munitions Debris	8/31/2006	Signal Flare /Smoke piece	-	-
46I06-0059	749945.75	1006048	56	Mv	8/10/2006	57	7	6	Munitions Debris	8/31/2006	Signal Flare /Smoke piece	-	-
46I06-0172	749925.25	1006051.5	30	Mv	9/13/2006	30	7	5	Munitions Debris	9/28/2006	Flare piece	-	-
46I14-0014	749888.75	1007214.75	88	Mv	8/16/2006	47	7	24	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	-
46K02-0006	750043	1005614.5	2079	Mv	8/14/2006	2300	7	12	Cultural Debris	9/5/2006	Scrap metal	Pass	KC
46K02-0009	750045.5	1005618.5	1474	Mv	8/14/2006	1457	7	18	Cultural Debris	9/5/2006	Scrap metal	-	-
46K02-0041	750068.75	1005654	99	Mv	8/14/2006	99	7	13	Cultural Debris	9/5/2006	Scrap metal	-	-
46K02-0056	750082.25	1005710	55	Mv	8/14/2006	66	7	10	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	-	-
46K02-0073	750150.25	1005732.5	41	Mv	9/13/2006	41	7	24	Munitions Debris	9/28/2006	Flare piece	-	-
46K04-0148	750144.5	1005799	64	Mv	8/15/2006	64	7	10	Cultural Debris	9/5/2006	-	-	-
46K06-0026	750206.75	1006166	165	Mv	8/10/2006	96	7	12	Munitions Debris	8/29/2006	M-17 smoke pieces	Pass	KC
46K06-0047	750179	1006065	89	Mv	8/10/2006	62	7	24	Cultural Debris	8/29/2006	-	Pass	KC
46K06-0059	750135.5	1006194.5	76	Mv	8/10/2006	45	7	4	Cultural Debris	8/29/2006	-	Pass	KC
46K06-0069	750157	1006112.5	67	Mv	8/10/2006	56	7	5	Cultural Debris	8/29/2006	-	-	-
46K06-0085	750074.75	1006030	58	Mv	8/10/2006	36	7	10	Cultural Debris	8/29/2006	-	-	-
46K06-0103	750120	1006098.5	50	Mv	8/10/2006	33	7	3	Cultural Debris	8/29/2006	-	Pass	KC
46K06-0340	750067	1006099.5	22	Mv	9/13/2006	22	7	20	Munitions Debris	9/28/2006	Flare piece	-	-
46K06-0591	750005.5	1006098.75	15	Mv	9/13/2006	15	7	11	Munitions Debris	9/28/2006	Flare piece	-	-
46M02-0006	750359.25	1005735	734	Mv	8/14/2006	369	7	10	Cultural Debris	9/6/2006	Fence post	-	-
46M02-0009	750351.5	1005743.75	354	Mv	8/14/2006	299	7	12	Munitions Debris	9/6/2006	M-62 smoke pieces	Pass	KC
46M02-0023	750251	1005637.25	67	Mv	8/14/2006	36	7	4	Cultural Debris	9/6/2006	Trash	-	-

**APPENDIX B
SEAD 46 All Dig Results
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Seneca Army Depot Activity**

Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ²	QC Initials
	Easting (X)	Northing (Y)											
46G14-0158	749580.9155	1007162.997	50	Mv	8/17/2006	30	6	15	Munitions Debris	8/23/2006	Small Arms. .50 cal pieces	Pass	KC
46G14-0843	749526.5	1007099	13	Mv	9/13/2006	13	6	3	Munitions Debris	9/28/2006	Small Arms. .50 cal pieces	-	-
46I04-0042	749956.5	1005970.5	71	Mv	8/15/2006	38	6	24	Cultural Debris	8/31/2006	Bolt	Pass	KC
46I04-0044	749907.75	1005778.25	70	Mv	8/15/2006	35	6	18	Cultural Debris	8/31/2006	Chain	Pass	KC
46I04-0045	749925.25	1005807	70	Mv	8/15/2006	35	6	5	Cultural Debris	9/5/2006	Scrap metal	-	-
46I04-0046	749866	1005969.5	67	Mv	8/15/2006	37	6	9	Munitions Debris	8/31/2006	Signal Flare /Smoke piece	Pass	KC
46I06-0005	749976.25	1006006.25	609	Mv	8/10/2006	69	6	8	Munitions Debris	8/31/2006	Signal Flare /Smoke piece	Pass	KC
46I06-0053	749810	1006102	59	Mv	8/10/2006	45	6	12	Munitions Debris	8/30/2006	Signal Flare /Smoke piece	Pass	KC
46I06-0056	749847.2913	1006125.913	58	Mv	8/10/2006	77	6	8	Munitions Debris	8/31/2006	Frag	Pass	KC
46I06-0073	749853.25	1006195.75	49	Mv	9/13/2006	49	6	23	Cultural Debris	9/28/2006	Wire	-	-
46I08-0022	749818	1006470	101	Mv	8/17/2006	59	6	3	Cultural Debris	8/28/2006	Trash	Pass	KC
46I08-0032	749822.5	1006470.25	59	Mv	8/17/2006	33	6	4	Cultural Debris	8/28/2006	Trash	Pass	KC
46I08-0037	749921.75	1006371.75	51	Mv	8/17/2006	28	6	3	Cultural Debris	8/28/2006	Trash	Pass	KC
46I10-0018	749913.25	1006710	174	Mv	8/9/2006	56	6	4	Cultural Debris	8/28/2006	Trash	Pass	KC
46I14-0008	749998	1007233.25	194	Mv	8/16/2006	87	6	12	Cultural Debris	8/24/2006	-	-	-
46I14-0010	749792.5	1007045	134	Mv	8/16/2006	64	6	24	Cultural Debris	8/24/2006	-	Pass	KC
46I14-0022	749957.75	1007089	58	Mv	8/16/2006	29	6	12	Cultural Debris	8/24/2006	-	-	-
46I16-0011	749834	1007379.5	44	Mv	9/13/2006	44	6	5	Munitions Debris	9/25/2006	Small Arms. .50 cal pieces	-	-
46K02-0001	750125.5	1005707.5	75174	Mv	8/14/2006	3699	6	14	Cultural Debris	9/5/2006	Tractor weight	-	-
46K02-0013	750130.75	1005706.75	608	Mv	8/14/2006	456	6	8	Munitions Debris	9/5/2006	Base plate	-	-
46K02-0018	750168.5	1005602.75	343	Mv	8/14/2006	252	6	24	Munitions Debris	9/5/2006	Flare candle holder	-	-
46K02-0027	750066.75	1005665.75	161	Mv	8/14/2006	163	6	12	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	Pass	KC
46K02-0029	750169.25	1005600.25	151	Mv	8/14/2006	118	6	24	Munitions Debris	9/5/2006	Same as #18	-	-
46K02-0030	750097.75	1005689.25	144	Mv	8/14/2006	86	6	15	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	Pass	KC
46K02-0107	750236.5	1005658.75	28	Mv	9/13/2006	28	6	22	Munitions Debris	9/28/2006	Fare piece	-	-
46K04-0003	750172.75	1005853	1750	Mv	8/15/2006	1235	6	5	MPPEH	8/31/2006	75mm projectile he	-	-
46K04-0014	750102.25	1005815	673	Mv	8/15/2006	352	6	8	Cultural Debris	9/5/2006	-	-	-
46K04-0019	750130	1005857.25	465	Mv	8/15/2006	236	6	10	Cultural Debris	9/5/2006	-	-	-
46K04-0024	750163.5	1005864.5	344	Mv	8/15/2006	152	6	5	Cultural Debris	8/31/2006	Trash	-	-
46K04-0026	750110.25	1005950.75	313	Mv	8/15/2006	165	6	3	Munitions Debris	8/31/2006	M-65 smoke pieces	-	-
46K04-0027	750135.5	1005866.5	299	Mv	8/15/2006	152	6	5	Cultural Debris	8/31/2006	Trash	-	-
46K04-0034	750135	1005886.75	248	Mv	8/15/2006	123	6	4	Munitions Debris	8/31/2006	M-65 smoke pieces	-	-
46K04-0041	750086.25	1005931.5	214	Mv	8/15/2006	118	6	14	Cultural Debris	9/5/2006	-	-	-
46K04-0055	750214.5	1005854	157	Mv	8/15/2006	86	6	5	Cultural Debris	8/31/2006	Trash	-	-
46K04-0058	750129.5	1005849	149	Mv	8/15/2006	123	6	12	Cultural Debris	9/5/2006	-	-	-
46K04-0068	750245	1005824	123	Mv	8/15/2006	63	6	4	Cultural Debris	8/30/2006	Trash	Pass	KC
46K04-0073	750052.75	1005919.75	115	Mv	8/15/2006	85	6	6	Cultural Debris	9/5/2006	-	-	-
46K04-0074	750193	1005751.75	112	Mv	8/15/2006	65	6	4	Cultural Debris	8/31/2006	Trash	-	-
46K04-0076	750110.25	1005853.75	108	Mv	8/15/2006	61	6	10	Cultural Debris	9/5/2006	-	-	-
46K04-0077	750127.6048	1005860.144	108	Mv	8/15/2006	80	6	12	Cultural Debris	9/5/2006	-	-	-
46K04-0085	750089.75	1005797.75	98	Mv	8/15/2006	91	6	4	Cultural Debris	9/5/2006	-	-	-
46K04-0098	750203.5	1005905	86	Mv	8/15/2006	68	6	5	Cultural Debris	8/30/2006	Trash	Pass	KC
46K04-0120	750164	1005891.5	77	Mv	8/15/2006	65	6	5	Cultural Debris	8/31/2006	Trash	-	-
46K04-0121	750125.5	1005783.25	77	Mv	8/15/2006	85	6	12	Cultural Debris	9/5/2006	-	-	-
46K04-0128	750052.75	1005783.75	74	Mv	8/15/2006	96	6	20	Cultural Debris	9/5/2006	-	-	-
46K04-0137	750107	1005814.25	68	Mv	8/15/2006	42	6	8	Cultural Debris	9/5/2006	-	Pass	KC
46K04-0142	750035.75	1005768.25	66	Mv	8/15/2006	42	6	2	Cultural Debris	9/5/2006	-	-	-

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Seneca Army Depot Activity

Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ²	QC Initials
	Easting (X)	Northing (Y)											
46E10-0021	749487	1006524.75	67	Mv	8/21/2006	35	5	10	Cultural Debris	8/28/2006	Nails	Pass	KC
46E12-0004	749376.25	1006752.75	159	Mv	8/21/2006	78	5	4	Cultural Debris	8/24/2006	Trash	Pass	KC
46E14-0022	749406.25	1007042.5	181	Mv	8/21/2006	93	5	10	Cultural Debris	8/24/2006	Trash	Pass	KC
46E14-0065	749458.5	1007080.25	47	Mv	9/13/2006	47	5	5	Munitions Debris	9/28/2006	Small Arms, .50 cal pieces	-	-
46E14-0140	749499	1007011.25	24	Mv	9/13/2006	24	5	7	Munitions Debris	9/28/2006	Small Arms, .50 cal pieces	-	-
46E16-0024	749451.25	1007349.75	288	Mv	8/21/2006	125	5	5	Cultural Debris	8/22/2006	Trash	Pass	KC
46E16-0038	749396.25	1007468	50	Mv	8/21/2006	23	5	2	Cultural Debris	8/22/2006	Trash	-	-
46E18-0005	749466.75	1007577.75	73	Mv	8/21/2006	53	5	36	Cultural Debris	8/22/2006	Trash	-	-
46E18-0008	749495	1007574.5	53	Mv	8/21/2006	26	5	8	Munitions Debris	8/22/2006	Small Arms	-	-
46E18-0009	749439	1007540.5	50	Mv	8/21/2006	23	5	3	Cultural Debris	8/22/2006	Trash	-	-
46G04-0005	749587	1005986.75	175	Mv	8/15/2006	94	5	10	Munitions Debris	8/30/2006	Flare piece	-	-
46G04-0012	749616.75	1005969.75	70	Mv	8/15/2006	33	5	8	Munitions Debris	8/30/2006	Flare piece	-	-
46G04-0014	749669.9697	1005968.506	50	Mv	8/15/2006	27	5	6	Munitions Debris	8/30/2006	Flare piece	-	-
46G04-0015	749703.25	1005971	49	Mv	9/13/2006	50	5	20	Munitions Debris	9/28/2006	Flare piece	-	-
46G04-0022	749741	1005938.5	32	Mv	9/13/2006	32	5	9	Munitions Debris	9/28/2006	Flare piece	-	-
46G06-0037	749583.5	1006174.25	319	Mv	8/14/2006	359	5	16	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G06-0042	749575.25	1006193.5	294	Mv	8/10/2006	185	5	8	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G06-0045	749638.75	1006199	287	Mv	8/10/2006	235	5	6	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G06-0052	749614.5	1006179	242	Mv	8/14/2006	123	5	24	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G06-0074	749642.5	1006213.75	111	Mv	8/10/2006	115	5	6	Munitions Debris	8/30/2006	Flare piece	-	-
46G06-0083	749669.75	1006016.75	77	Mv	8/10/2006	36	5	20	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G06-0088	749629.75	1006166.25	63	Mv	8/14/2006	33	5	18	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G06-0092	749617.75	1006156	58	Mv	8/10/2006	66	5	14	Munitions Debris	8/30/2006	Flare piece	-	-
46G08-0057	749600.25	1006439.5	57	Mv	8/16/2006	58	5	10	Cultural Debris	8/29/2006	Trash	-	-
46G10-0041	749573.25	1006537.25	101	Mv	8/9/2006	42	5	24	Cultural Debris	8/28/2006	Trash	Pass	KC
46G12-0009	749557	1006768	859	Mv	8/21/2006	411	5	5	Cultural Debris	8/28/2006	Trash	Pass	KC
46G12-0027	749723.25	1006776.75	62	Mv	8/21/2006	37	5	4	Cultural Debris	8/28/2006	Trash	Pass	KC
46G12-0032	749627.25	1006795.5	58	Mv	8/21/2006	32	5	3	Munitions Debris	8/28/2006	Small Arms, .50 cal pieces	Pass	KC
46G12-0035	749584.25	1006943.75	55	Mv	8/21/2006	27	5	4	Munitions Debris	8/28/2006	Small Arms, .50 cal pieces	Pass	KC
46G14-0005	749538.5	1007149	525	Mv	8/17/2006	267	5	2	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	-
46G14-0021	749554.25	1007151	228	Mv	8/17/2006	123	5	5	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	-
46G14-0027	749541	1007110.75	149	Mv	8/17/2006	89	5	3	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	-
46G14-0031	749567.5	1007136.25	140	Mv	8/17/2006	74	5	10	Munitions Debris	8/23/2006	Small Arms, .50 cal pieces	-	-
46G14-0034	749529.5	1007108.5	137	Mv	8/16/2006	87	5	6	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	-
46G14-0057	749581.5	1007138.75	80	Mv	8/17/2006	39	5	6	Munitions Debris	8/23/2006	Small Arms, .50 cal pieces	-	-
46G14-0061	749541.75	1007013.75	79	Mv	8/16/2006	38	5	6	Cultural Debris	8/24/2006	Trash	Pass	KC
46G14-0078	749695.75	1007049.25	70	Mv	8/16/2006	37	5	4	Cultural Debris	8/22/2006	Trash	Pass	KC
46G14-0081	749514.75	1007094.5	69	Mv	8/16/2006	40	5	3	Cultural Debris	8/24/2006	Trash	-	-
46G14-0083	749501	1007068.75	68	Mv	8/16/2006	39	5	5	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	-
46G14-0094	749650.25	1007080.25	63	Mv	8/16/2006	38	5	3	Munitions Debris	8/23/2006	Small Arms, brass pieces	Pass	KC
46G14-0100	749663	1007023	62	Mv	8/16/2006	30	5	6	Munitions Debris	8/23/2006	Small Arms, brass pieces	Pass	KC
46G14-0113	749575.5	1007125	59	Mv	8/17/2006	32	5	5	Munitions Debris	8/23/2006	Small Arms, brass pieces	-	-
46G14-0116	749615.25	1007055.75	58	Mv	8/16/2006	29	5	12	Munitions Debris	8/23/2006	Small Arms, brass pieces	Pass	KC
46G14-0123	749602.25	1007136.75	57	Mv	8/17/2006	29	5	8	Munitions Debris	8/23/2006	Small Arms, brass pieces	-	-
46G14-0125	749545.5	1007137.75	57	Mv	8/17/2006	26	5	7	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	-
46G14-0133	749580.25	1007174.25	56	Mv	8/17/2006	25	5	12	Cultural Debris	8/23/2006	Wire	Pass	KC
46G14-0142	749617.5	1007183.75	53	Mv	8/17/2006	28	5	18	Munitions Debris	8/23/2006	Small Arms, brass pieces	Pass	KC

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Seneca Army Depot Activity

Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ²	QC Initials
	Easting (X)	Northing (Y)											
46I16-0010	749754.5	1007426.5	53	Mv	8/17/2006	31	5	4	Cultural Debris	8/22/2006	Trash	-	
46I18-0002	749839.5	1007506.25	140	Mv	8/17/2006	73	5	4	Cultural Debris	8/22/2006	Seed Item	-	
46K02-0007	750047.25	1005615.25	1950	Mv	8/14/2006	1900	5	36	Munitions Debris	9/5/2006	Frag	Pass	KC
46K02-0012	750153.5	1005699	635	Mv	8/14/2006	363	5	14	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	-	
46K02-0014	750065.5	1005616.25	534	Mv	8/14/2006	256	5	36	Munitions Debris	9/5/2006	Frag	Pass	KC
46K02-0016	750186	1005693.25	359	Mv	8/14/2006	296	5	16	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	Pass	KC
46K02-0024	750084.5	1005678	196	Mv	8/14/2006	189	5	9	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	Pass	KC
46K02-0032	750140.5	1005741	134	Mv	8/14/2006	69	5	23	Cultural Debris	9/5/2006	Chain piece	Pass	KC
46K02-0042	750193.5	1005715.5	92	Mv	8/14/2006	112	5	14	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	-	
46K02-0062	750182.5	1005749	52	Mv	8/14/2006	36	5	10	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	Pass	KC
46K02-0063	750072	1005734.75	51	Mv	8/14/2006	80	5	6	Munitions Debris	9/5/2006	Fuze piece	-	
46K04-0001	750230.25	1005857.5	4222	Mv	8/15/2006	2300	5	5	Cultural Debris	8/30/2006	Trash	-	
46K04-0013	750175.25	1005855.25	679	Mv	8/15/2006	454	5	4	MPPEH	8/31/2006	proj VT nose fuze	Pass	KC
46K04-0021	750109	1005994	395	Mv	8/15/2006	253	5	4	Cultural Debris	8/31/2006	Trash	Pass	KC
46K04-0025	750156.75	1005866.75	339	Mv	8/15/2006	143	5	4	Cultural Debris	8/31/2006	Trash	-	
46K04-0037	750099.25	1005862.5	235	Mv	8/15/2006	63	5	5	Munitions Debris	9/5/2006	Small Arms, .50 cal pieces	Pass	KC
46K04-0059	750147.75	1005818.25	148	Mv	8/15/2006	75	5	3	Cultural Debris	8/31/2006	Trash	-	
46K04-0061	750129	1005996.75	145	Mv	8/14/2006	74	5	3	Cultural Debris	8/31/2006	Trash	-	
46K04-0063	750038	1005802.75	139	Mv	8/15/2006	90	5	4	Cultural Debris	9/5/2006	Trash	-	
46K04-0066	750159.25	1005893	131	Mv	8/15/2006	86	5	8	Cultural Debris	8/31/2006	Trash	-	
46K04-0082	750155.5	1005923.75	103	Mv	8/15/2006	98	5	4	Cultural Debris	8/31/2006	Trash	-	
46K04-0087	750214.75	1005946	98	Mv	8/15/2006	56	5	9	Cultural Debris	8/30/2006	Trash	-	
46K04-0088	750178.5	1005996.75	98	Mv	8/15/2006	68	5	6	Cultural Debris	8/30/2006	Trash	Pass	KC
46K04-0089	750137.75	1005905.75	97	Mv	8/15/2006	56	5	5	Cultural Debris	9/5/2006	Trash	-	
46K04-0094	750154.75	1005830	92	Mv	8/15/2006	46	5	2	Cultural Debris	8/31/2006	Trash	-	
46K04-0097	750229.5	1005980.75	86	Mv	8/15/2006	83	5	4	Cultural Debris	8/30/2006	Trash	-	
46K04-0099	750234	1005855.25	86	Mv	8/15/2006	42	5	2	Cultural Debris	8/30/2006	Trash	-	
46K04-0101	750228.25	1005877.25	85	Mv	8/15/2006	66	5	4	Cultural Debris	8/30/2006	Trash	-	
46K04-0109	750044.5	1005761.25	81	Mv	8/15/2006	40	5	4	Cultural Debris	9/5/2006	Trash	Pass	KC
46K04-0115	750125.25	1005925	78	Mv	8/15/2006	63	5	3	Cultural Debris	8/31/2006	Trash	-	
46K04-0119	750104.25	1005766.75	77	Mv	8/15/2006	36	5	6	Cultural Debris	9/5/2006	Trash	-	
46K04-0122	750248.5	1005893.5	77	Mv	8/15/2006	34	5	2	Cultural Debris	8/30/2006	Trash	Pass	KC
46K04-0123	750021.75	1005981.75	77	Mv	8/15/2006	36	5	3	Cultural Debris	9/5/2006	Trash	-	
46K04-0125	750174.25	1005765.5	74	Mv	8/15/2006	48	5	3	Cultural Debris	9/5/2006	Trash	-	
46K04-0135	750114	1005754	69	Mv	8/15/2006	33	5	7	Cultural Debris	9/5/2006	Trash	-	
46K04-0138	750157.75	1005929.5	67	Mv	8/15/2006	86	5	3	Cultural Debris	8/31/2006	Trash	-	
46K04-0139	750182	1005960.5	67	Mv	8/15/2006	56	5	2	Cultural Debris	8/30/2006	Trash	Pass	KC
46K04-0144	750078	1005979.75	65	Mv	8/15/2006	63	5	3	Cultural Debris	8/31/2006	Trash	Pass	KC
46K04-0151	750122	1005820	62	Mv	8/15/2006	38	5	12	Cultural Debris	9/5/2006	Trash	Pass	KC
46K04-0161	750094.5	1005930.75	60	Mv	8/15/2006	32	5	16	Cultural Debris	9/5/2006	Trash	-	
46K04-0170	750158.1308	1005977.081	56	Mv	8/15/2006	103	5	3	Cultural Debris	8/30/2006	Trash	-	
46K04-0178	750112	1005814.5	55	Mv	8/15/2006	42	5	3	Cultural Debris	9/5/2006	Trash	Pass	KC
46K04-0181	750087.25	1005813.25	53	Mv	8/15/2006	45	5	3	Munitions Debris	9/5/2006	Small Arms, .50 cal pieces	-	
46K04-0183	750199.75	1005917.25	52	Mv	8/15/2006	26	5	5	Cultural Debris	8/30/2006	Trash	-	
46K06-0021	750133.25	1006054.25	183	Mv	8/10/2006	90	5	8	Cultural Debris	8/29/2006	Trash	-	
46K06-0032	750080.25	1006002	143	Mv	8/10/2006	76	5	6	Cultural Debris	8/29/2006	Trash	-	
46K06-0036	750170.75	1006179.5	122	Mv	8/10/2006	152	5	6	Munitions Debris	8/29/2006	M-17 smoke pieces	-	

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Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (In)	Location Offset (In)	Type	Date	Item Description	QC Code ²	QC Initials
	Easting (X)	Northing (Y)											
46A18-0040	748993.75	1007519	103	Mv	8/16/2006	53	4	30	Munitions Debris	8/22/2006	Small Arms, .30 cal head	Pass	KC
46A18-0048	748992.75	1007597.5	74	Mv	8/16/2006	53	4	9	Cultural Debris	8/22/2006	Nail	-	-
46C08-0004	749245.9504	1006409.96	47	Mv	9/13/2006	45	4	14	Cultural Debris	9/26/2006	Chain hook	Pass	KC
46C10-0002	749219.7295	1006602.11	87	Mv	8/16/2006	42	4	12	Cultural Debris	8/28/2006	Wire	-	-
46C10-0005	749245.25	1006521.75	30	Mv	9/13/2006	30	4	5	Munitions Debris	9/25/2006	Small Arms, .50 cal head	-	-
46C10-0006	749227.25	1006604.5	29	Mv	9/13/2006	29	4	3	Cultural Debris	9/25/2006	Wire	Pass	KC
46C10-0009	749235	1006515.5	24	Mv	9/13/2006	24	4	0	Cultural Debris	10/25/2006	Scrap metal	Pass	KC
46C16-0010	749022.82	1007414.98	60	Mv	8/21/2006	33	4	20	Munitions Debris	9/6/2006	Small Arms, cartridge	-	-
46C16-0011	749038.6005	1007387.595	52	Mv	8/22/2006	27	4	24	Cultural Debris	9/6/2006	Metal spike	-	-
46C16-0012	749024.12	1007431.88	51	Mv	8/22/2006	26	4	6	Cultural Debris	9/6/2006	Nail	-	-
46C18-0011	749121.25	1007589.5	150	Mv	8/21/2006	74	4	2	Cultural Debris	8/22/2006	Large nail	Pass	KC
46C18-0022	749163	1007543.5	77	Mv	8/21/2006	36	4	2	Cultural Debris	8/23/2006	Trash	Pass	KC
46C18-0023	749121.5	1007571.75	74	Mv	8/21/2006	37	4	6	Cultural Debris	8/22/2006	Trash	-	-
46C18-0028	749102.5	1007629.5	68	Mv	8/21/2006	32	4	8	Cultural Debris	8/22/2006	Beer can	-	-
46C18-0030	749188.25	1007512.25	62	Mv	8/21/2006	30	4	12	Cultural Debris	8/23/2006	Trash	Pass	KC
46E08-0004	749434	1006472	770	Mv	8/21/2006	377	4	5	Munitions Debris	8/29/2006	Base piece of a 75 mm projo.	Pass	KC
46E08-0008	749391.25	1006367	441	Mv	8/21/2006	218	4	14	Munitions Debris	8/29/2006	Part of a 75 mm projo	-	-
46E08-0015	749454.75	1006386	370	Mv	8/21/2006	186	4	24	Munitions Debris	8/29/2006	Flare piece	Pass	KC
46E08-0019	749470.5	1006408.75	304	Mv	8/21/2006	152	4	20	Munitions Debris	8/29/2006	Flare piece	Pass	KC
46E08-0036	749367	1006313	81	Mv	8/21/2006	29	4	8	Cultural Debris	8/29/2006	Trash	-	-
46E08-0037	749449.5	1006416.5	81	Mv	8/21/2006	40	4	6	Cultural Debris	8/29/2006	Trash	Pass	KC
46E08-0041	749443.75	1006467	70	Mv	8/21/2006	34	4	12	Munitions Debris	8/29/2006	Frag, 75mm	Pass	KC
46E08-0043	749449	1006419.75	59	Mv	8/21/2006	27	4	0	Cultural Debris	10/23/2006	Alum scrap	Pass	KC
46E08-0058	749497.75	1006331	37	Mv	9/13/2006	35	4	20	Cultural Debris	9/26/2006	Nail	Pass	KC
46E10-0007	749340.75	1006613.75	390	Mv	8/21/2006	192	4	30	Munitions Debris	8/28/2006	Frag	Pass	KC
46E10-0010	749488.75	1006521.25	202	Mv	8/21/2006	98	4	5	Cultural Debris	8/28/2006	Trash	Pass	KC
46E10-0012	749334.75	1006617	115	Mv	8/21/2006	68	4	12	Cultural Debris	8/28/2006	Trash	Pass	KC
46E10-0013	749334.75	1006610	113	Mv	8/21/2006	60	4	12	Munitions Debris	8/28/2006	Small Arms, 3 digs, 3ea 50 cal heads	Pass	KC
46E10-0020	749307.75	1006621.5	68	Mv	8/21/2006	40	4	7	Munitions Debris	8/28/2006	Small Arms, .50 cal head	Pass	KC
46E10-0032	749355.25	1006666.5	45	Mv	9/13/2006	45	4	15	Munitions Debris	9/25/2006	Small Arms, .50 cal head	Pass	KC
46E12-0014	749387.75	1006757.75	78	Mv	8/21/2006	86	4	3	Cultural Debris	8/24/2006	Wire	Pass	KC
46E12-0019	749410.25	1006943.75	72	Mv	8/21/2006	32	4	9	Munitions Debris	8/24/2006	Small Arms, .50 cal head	Pass	KC
46E12-0027	749346.75	1006907.75	58	Mv	8/21/2006	26	4	7	Munitions Debris	8/24/2006	Small Arms, .50 cal head	-	-
46E12-0028	749439.75	1006995.25	57	Mv	8/21/2006	25	4	4	Cultural Debris	8/24/2006	Trash	Pass	KC
46E12-0038	749421	1006924	50	Mv	8/21/2006	25	4	9	Munitions Debris	8/24/2006	Small Arms, .50 cal head	Pass	KC
46E14-0019	749491.75	1007056.5	185	Mv	8/21/2006	96	4	15	Cultural Debris	8/23/2006	Trash	Pass	KC
46E14-0027	749487	1007057.75	151	Mv	8/21/2006	76	4	20	Cultural Debris	8/24/2006	Wire	-	-
46E14-0032	749495.25	1007050	138	Mv	8/21/2006	59	4	10	Munitions Debris	8/23/2006	Small Arms, .50 cal head	Pass	KC
46E14-0033	749475.75	1007077.5	131	Mv	8/21/2006	72	4	6	Cultural Debris	10/23/2006	Alum scrap	-	-
46E14-0041	749483.5408	1007049.386	87	Mv	8/21/2006	43	4	24	Cultural Debris	8/24/2006	Dug a 2 foot dia. hole round the flag found no visible metal-possible rust accumulation	Pass	KC
46E14-0043	749489	1007053.25	77	Mv	8/21/2006	36	4	12	Cultural Debris	8/24/2006	Wire	Pass	KC
46E14-0058	749490	1007086.25	53	Mv	8/21/2006	25	4	24	Cultural Debris	8/23/2006	Wire	-	-
46E14-0062	749495	1007096.25	51	Mv	8/21/2006	26	4	24	Cultural Debris	8/23/2006	Trash	-	-
46E16-0027	749492.25	1007283.25	156	Mv	8/21/2006	75	4	2	Cultural Debris	8/22/2006	Trash	Pass	KC
46E16-0034	749436.5	1007342.5	63	Mv	8/21/2006	23	4	2	Cultural Debris	8/22/2006	Trash	Pass	KC
46E16-0037	749428.54	1007331.854	52	Mv	8/21/2006	23	4	7	Cultural Debris	8/22/2006	Trash	Pass	KC

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Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (In)	Location Offset (In)	Type	Date	Item Description	QC Code ²	QC Initials
	Easting (X)	Northing (Y)											
46G14-0023	749558	1007147	178	Mv	8/17/2006	82	4	9	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46G14-0024	749555	1007144.25	170	Mv	8/17/2006	74	4	6	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46G14-0026	749519.5	1007083.25	149	Mv	8/16/2006	74	4	7	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46G14-0032	749551	1007152.5	140	Mv	8/17/2006	74	4	20	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46G14-0037	749601.25	1007105	114	Mv	8/16/2006	68	4	14	Cultural Debris	8/23/2006		Pass	KC
46G14-0039	749560.75	1007155.25	107	Mv	8/17/2006	61	4	2	Munitions Debris	8/23/2006	Small Arms, .50 cal pieces	-	
46G14-0042	749509.25	1007046.25	99	Mv	8/16/2006	50	4	3	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	Pass	KC
46G14-0044	749569.25	1007151	98	Mv	8/17/2006	47	4	10	Munitions Debris	8/23/2006	Small Arms, .50 cal pieces	-	
46G14-0045	749534.25	1007100.25	96	Mv	8/16/2006	54	4	3	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46G14-0046	749518	1007142.25	95	Mv	8/17/2006	51	4	5	Munitions Debris	8/24/2006	Small Arms, brass pieces	-	
46G14-0047	749587	1007173.25	93	Mv	8/17/2006	47	4	12	Munitions Debris	8/23/2006	Small Arms, .50 cal pieces	-	
46G14-0053	749518.5	1007050.5	83	Mv	8/16/2006	44	4	2	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	Pass	KC
46G14-0055	749507.25	1007025.25	81	Mv	8/16/2006	46	4	4	Cultural Debris	8/24/2006	Trash	Pass	KC
46G14-0058	749520.75	1007024.25	80	Mv	8/16/2006	43	4	9	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	Pass	KC
46G14-0059	749534.5	1007050	80	Mv	8/16/2006	43	4	4	Cultural Debris	8/24/2006	Trash	-	
46G14-0064	749535.75	1007086.25	77	Mv	8/16/2006	47	4	5	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46G14-0066	749600.75	1007145	75	Mv	8/17/2006	38	4	5	Munitions Debris	8/23/2006	Small Arms, brass pieces	Pass	KC
46G14-0067	749622	1007025.25	74	Mv	8/16/2006	45	4	8	Munitions Debris	8/23/2006	Small Arms, brass pieces	Pass	KC
46G14-0069	749500	1007058.25	73	Mv	8/16/2006	40	4	5	Cultural Debris	8/24/2006	Trash	Pass	KC
46G14-0071	749604.5	1007217.25	72	Mv	8/17/2006	36	4	6	Munitions Debris	8/23/2006	Small Arms, brass pieces	-	
46G14-0072	749509.5	1007088.25	72	Mv	8/16/2006	52	4	3	Cultural Debris	8/24/2006	Trash	-	
46G14-0075	749549.5	1007122.25	72	Mv	8/17/2006	41	4	7	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46G14-0076	749542.25	1007132.5	72	Mv	8/17/2006	39	4	4	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46G14-0090	749573.75	1007139.75	65	Mv	8/17/2006	37	4	4	Munitions Debris	8/23/2006	Small Arms, .50 cal pieces	-	
46G14-0091	749511.5	1007029.75	64	Mv	8/16/2006	39	4	4	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	Pass	KC
46G14-0103	749546.25	1007131.5	61	Mv	8/17/2006	29	4	5	Munitions Debris	8/24/2006	Small Arms, brass pieces	-	
46G14-0105	749537.75	1007099.5	61	Mv	8/16/2006	36	4	3	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46G14-0106	749548.25	1007012.25	60	Mv	8/16/2006	32	4	42	Cultural Debris	8/24/2006		Pass	KC
46G14-0107	749591.5	1007139.75	60	Mv	8/17/2006	32	4	15	Munitions Debris	8/23/2006	Small Arms, brass pieces	-	
46G14-0108	749676.5	1007019.5	60	Mv	8/16/2006	30	4	7	Munitions Debris	8/23/2006	Small Arms, brass pieces	Pass	KC
46G14-0109	749576.75	1007119.5	59	Mv	8/17/2006	33	4	4	Munitions Debris	8/23/2006	Small Arms, brass pieces	Pass	KC
46G14-0110	749550	1007112.5	59	Mv	8/17/2006	27	4	6	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46G14-0115	749529	1007076.25	59	Mv	8/16/2006	32	4	5	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46G14-0120	749606.743	1007187.52	58	Mv	8/17/2006	32	4	7	Munitions Debris	8/23/2006	Small Arms, .50 cal pieces	Pass	KC
46G14-0121	749603	1007156.5	58	Mv	8/17/2006	31	4	7	Munitions Debris	8/23/2006	Small Arms, brass pieces	Pass	KC
46G14-0122	749542	1007005.25	57	Mv	8/16/2006	31	4	2	Cultural Debris	8/24/2006	Trash	Pass	KC
46G14-0126	749513	1007048.75	57	Mv	8/16/2006	27	4	3	Cultural Debris	8/24/2006	Trash	Pass	KC
46G14-0130	749592	1007155.25	56	Mv	8/17/2006	30	4	12	Munitions Debris	8/23/2006	Small Arms, brass pieces	Pass	KC
46G14-0131	749561.5	1007118	56	Mv	8/17/2006	29	4	12	Munitions Debris	8/23/2006	Small Arms, .50 cal pieces	-	
46G14-0132	749531.75	1007080.75	56	Mv	8/16/2006	31	4	3	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46G14-0135	749575.5	1007117.25	55	Mv	8/17/2006	29	4	12	Munitions Debris	8/23/2006	Small Arms, brass pieces	-	
46G14-0137	749610.5	1007104.75	54	Mv	8/16/2006	32	4	5	Cultural Debris	8/23/2006		-	
46G14-0139	749517.25	1007046.25	54	Mv	8/16/2006	30	4	8	Cultural Debris	8/24/2006	Trash	Pass	KC
46G14-0140	749549.25	1007084.5	54	Mv	8/16/2006	32	4	2	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46G14-0143	749603.75	1007085.25	53	Mv	8/16/2006	30	4	9	Munitions Debris	8/23/2006	Small Arms, brass pieces	Pass	KC
46G14-0152	749511.25	1007091.75	51	Mv	8/16/2006	26	4	2	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46G14-0159	749564.5	1007122.25	50	Mv	8/17/2006	26	4	4	Munitions Debris	8/23/2006	Small Arms, .50 cal pieces	-	

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Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (In)	Location Offset (In)	Type	Date	Item Description	QC Code ²	QC Initials
	Easting (X)	Northing (Y)											
46108-0030	749981.25	1006355.75	70	Mv	8/17/2006	42	4	3	Cultural Debris	8/28/2006	Trash	Pass	KC
46108-0031	749920.25	1006445.75	66	Mv	8/17/2006	39	4	0	Cultural Debris	10/23/2006	Scrap metal	Pass	KC
46108-0043	749958	1006370.5	44	Mv	9/13/2006	44	4	16	Munitions Debris	9/28/2006	Small Arms, .50 cal pieces	-	
46110-0008	749974	1006714	925	Mv	8/9/2006	333	4	8	Cultural Debris	8/28/2006		-	
46110-0009	749808	1006621.5	366	Mv	8/9/2006	166	4	5	Cultural Debris	8/28/2006	Trash	Pass	KC
46110-0022	749972	1006625.25	140	Mv	8/9/2006	62	4	2	Cultural Debris	8/28/2006	Trash	Pass	KC
46110-0025	749937.5	1006743.5	98	Mv	8/15/2006	49	4	3	Cultural Debris	8/28/2006	Trash	-	
46110-0041	749930	1006707.5	54	Mv	8/21/2006	26	4	12	Munitions Debris	8/28/2006	Small Arms, .50 cal pieces	Pass	KC
46110-0043	749988.25	1006679.75	53	Mv	8/9/2006	32	4	2	Munitions Debris	8/28/2006	Small Arms, .50 cal pieces	Pass	KC
46110-0234	749989.75	1006627	14	Mv	9/13/2006	14	4	8	Munitions Debris	9/28/2006	Small Arms, .50 cal pieces	-	
46112-0004	749937.7865	1006750.456	832	Mv	8/16/2006	823	4	3	Cultural Debris	8/28/2006	Trash	-	
46112-0008	749982.25	1006855.75	361	Mv	8/16/2006	184	4	5	Cultural Debris	8/28/2006		-	
46112-0010	749908.5	1006759.5	253	Mv	8/16/2006	145	4	4	Cultural Debris	8/28/2006		-	
46112-0011	749757.75	1006992.25	209	Mv	8/16/2006	109	4	3	Cultural Debris	8/28/2006		Pass	KC
46112-0014	749980.25	1006788.5	119	Mv	8/16/2006	62	4	4	Munitions Debris	8/28/2006	Small Arms, .50 cal pieces	-	
46112-0019	749755	1006914.25	79	Mv	8/16/2006	38	4	2	Munitions Debris	8/28/2006	Small Arms, .50 cal pieces	Pass	KC
46112-0023	749994.5	1006966.25	63	Mv	8/16/2006	35	4	4	Munitions Debris	8/28/2006	Small Arms, .50 cal pieces	-	
46112-0026	749773.75	1006786	60	Mv	8/16/2006	31	4	5	Cultural Debris	8/28/2006	Trash	-	
46112-0031	749782	1006921.25	56	Mv	8/16/2006	24	4	3	Cultural Debris	8/28/2006	Trash	Pass	KC
46112-0033	749773.25	1006920	55	Mv	8/16/2006	28	4	4	Munitions Debris	8/28/2006	Small Arms, .50 cal pieces	-	
46112-0034	749985.5	1006832	51	Mv	8/16/2006	27	4	3	Munitions Debris	8/28/2006	Small Arms, .50 cal pieces	-	
46112-0063	749908.5	1006856.75	36	Mv	9/13/2006	36	4	6	Munitions Debris	9/28/2006	Small Arms, .50 cal pieces	-	
46112-0114	749979.9782	1006987.076	23	Mv	9/13/2006	23	4	24	Munitions Debris	9/28/2006	Small Arms, .50 cal pieces	-	
46112-0258	749985.75	1006992.5	12	Mv	9/13/2006	12	4	4	Munitions Debris	9/28/2006	Small Arms, .50 cal pieces	-	
46114-0011	749790	1007040	118	Mv	8/16/2006	61	4	7	Cultural Debris	8/24/2006		Pass	KC
46114-0013	749793.5	1007048.25	107	Mv	8/16/2006	56	4	24	Cultural Debris	8/24/2006		Pass	KC
46114-0015	749977	1007041.75	74	Mv	8/16/2006	38	4	2	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46114-0019	749949	1007107.25	62	Mv	8/16/2006	32	4	6	Cultural Debris	8/24/2006		-	
46114-0020	749762.25	1007078.5	61	Mv	8/16/2006	33	4	8	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46114-0024	749761	1007023.25	56	Mv	8/17/2006	29	4	15	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	Pass	KC
46114-0028	749955	1007202.75	52	Mv	8/16/2006	23	4	12	Cultural Debris	8/24/2006		-	
46114-0029	749891.75	1007145.75	52	Mv	8/16/2006	54	4	5	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46118-0007	749875.25	1007545	59	Mv	8/17/2006	34	4	5	Cultural Debris	8/22/2006	Trash	-	
46118-0018	749820	1007557.5	31	Mv	9/13/2006	31	4	24	Cultural Debris	9/25/2006		-	
46K02-0002	750201	1005611.25	37548	Mv	8/14/2006	3600	4	20	Cultural Debris	9/5/2006	Fence post	-	
46K02-0003	750231	1005637	5907	Mv	8/14/2006	3600	4	8	Cultural Debris	9/5/2006	Fence post	-	
46K02-0035	750086.25	1005700.5	119	Mv	8/14/2006	75	4	11	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	Pass	KC
46K02-0048	750114.5	1005653.75	75	Mv	8/14/2006	105	4	7	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	-	
46K02-0051	750165.75	1005678.5	66	Mv	8/14/2006	80	4	23	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	Pass	KC
46K02-0053	750108.5	1005611.75	64	Mv	8/14/2006	56	4	20	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	-	
46K02-0059	750074	1005715.75	55	Mv	8/14/2006	62	4	14	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	Pass	KC
46K02-0061	750121.5	1005643	53	Mv	8/14/2006	25	4	8	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	-	
46K02-0077	750112.25	1005663.75	37	Mv	9/13/2006	37	4	3	Munitions Debris	9/28/2006	Fare piece	-	
46K04-0008	750223.75	1005980.25	1208	Mv	8/15/2006	666	4	4	Cultural Debris	8/30/2006	Trash	-	
46K04-0010	750100	1005812.5	1100	Mv	8/15/2006	500	4	20	Cultural Debris	9/5/2006		-	
46K04-0017	750163.75	1005971.25	564	Mv	8/15/2006	369	4	3	Cultural Debris	8/30/2006	Trash	-	
46K04-0018	750088	1005899.75	506	Mv	8/15/2006	339	4	4	Munitions Debris	9/5/2006	slap flare	-	

APPENDIX B
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Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ²	QC Initials
	Easting (X)	Northing (Y)											
46K08-0023	750036.5	1006265.25	48	Mv	9/13/2006	48	4	12	Munitions Debris	9/28/2006	Frag	-	
46K08-0080	750079	1006375.5	24	Mv	9/13/2006	24	4	2	Munitions Debris	9/28/2006	Frag	-	
46K10-0004	750107	1006629.75	103	Mv	8/9/2006	39	4	6	Cultural Debris	8/28/2006	Trash	-	
46K10-0013	750094.5	1006531.75	45	Mv	9/13/2006	45	4	24	Cultural Debris	9/28/2006		-	
46K10-0036	750029.25	1006565	26	Mv	9/13/2006	26	4	2	Munitions Debris	9/28/2006	Small Arms, .50 cal pieces	-	
46M02-0001	750264	1005659.75	2142	Mv	8/14/2006	2100	4	12	Cultural Debris	9/6/2006	Fence post	-	
46M02-0005	750279.75	1005672.75	795	Mv	8/14/2006	565	4	6	Cultural Debris	9/6/2006		-	
46M02-0013	750278	1005700	134	Mv	8/14/2006	79	4	8	Cultural Debris	9/6/2006		-	
46M02-0031	750250	1005735.25	51	Mv	8/14/2006	132	4	18	Cultural Debris	9/6/2006		Pass	KC
46M02-0046	750308.75	1005711.5	25	Mv	9/13/2006	25	4	18	Munitions Debris	9/28/2006	Frag	-	
46M04-0010	750364	1005807.25	1224	Mv	8/14/2006	699	4	3	Cultural Debris	8/30/2006	Trash	Pass	KC
46M04-0014	750307	1005762.5	763	Mv	8/14/2006	325	4	4	Cultural Debris	8/30/2006	Trash	-	
46M04-0016	750347.25	1005838.75	701	Mv	8/14/2006	454	4	5	Munitions Debris	8/30/2006	Slapflare	-	
46M04-0017	750428.25	1005813.75	562	Mv	8/14/2006	105	4	5	Cultural Debris	8/30/2006	Trash	-	
46M04-0024	750414.75	1005794	352	Mv	8/14/2006	201	4	3	Munitions Debris	8/30/2006	Slapflare	-	
46M04-0058	750290.5	1005852.25	96	Mv	8/14/2006	39	4	3	Cultural Debris	8/30/2006	Trash	Pass	KC
46M04-0062	750292.75	1005885.5	86	Mv	8/14/2006	79	4	3	Cultural Debris	8/30/2006	Trash	-	
46M04-0064	750262.1064	1005784.747	81	Mv	8/14/2006	39	4	5	Cultural Debris	8/30/2006	Trash	-	
46M04-0068	750257.5	1005909.5	76	Mv	8/14/2006	32	4	6	Cultural Debris	8/30/2006	Trash	Pass	KC
46M04-0071	750408.25	1005764.75	70	Mv	8/14/2006	39	4	4	Cultural Debris	8/30/2006	Trash	-	
46M04-0080	750266.5	1005926	60	Mv	8/14/2006	23	4	4	Cultural Debris	8/30/2006	Trash	Pass	KC
46M04-0082	750278	1005868	56	Mv	8/14/2006	23	4	4	Cultural Debris	8/30/2006	Trash	-	
46M04-0087	750253.5	1005892.75	54	Mv	8/14/2006	23	4	3	Cultural Debris	8/30/2006	Trash	Pass	KC
46M06-0002	750300	1006034.25	871	Mv	8/16/2006	153	4	5	Munitions Debris	8/30/2006	Slapflare	-	
46M06-0003	750327	1006003.75	364	Mv	8/16/2006	158	4	3	Munitions Debris	8/30/2006	Slapflare	-	
46A16-0018	748927	1007344.25	679	Mv	8/16/2006	375	3	18	Cultural Debris	8/23/2006	Trash	-	
46A16-0030	748944.75	1007329.25	305	Mv	8/16/2006	153	3	10	Cultural Debris	8/23/2006	Trash	Pass	KC
46A16-0071	748876	1007493.25	78	Mv	8/16/2006	36	3	7	Cultural Debris	8/23/2006	Trash	Pass	KC
46A16-0082	748951.75	1007451.5	57	Mv	8/16/2006	29	3	20	Munitions Debris	8/23/2006	Frag	Pass	KC
46A16-0092	748976.75	1007497	46	Mv	9/13/2006	46	3	10	Munitions Debris	9/25/2006	Small Arms, .50 cal head	-	
46A18-0026	748997	1007536	170	Mv	8/16/2006	69	3	2	Cultural Debris	8/22/2006		Pass	KC
46A18-0029	749000	1007516.5	157	Mv	8/16/2006	74	3	4	Cultural Debris	10/25/2006	Wire	Pass	KC
46A18-0035	748927.75	1007587.75	135	Mv	8/16/2006	68	3	20	Munitions Debris	8/22/2006	M-48 series fuze	-	
46A18-0050	748936.5	1007512.5	65	Mv	8/16/2006	65	3	8	Munitions Debris	8/22/2006	20 mm piece	Pass	KC
46C08-0002	749248.25	1006396	355	Mv	8/16/2006	223	3	6	Cultural Debris	9/26/2006	Plow piece	-	
46C10-0004	749225	1006597.75	51	Mv	8/16/2006	26	3	4	Cultural Debris	8/28/2006		-	
46C10-0031	749234.42	1006611	11	Mv	9/13/2006	11	3	4	Cultural Debris	9/25/2006	Wire	Pass	KC
46C16-0006	749025.42	1007381.44	106	Mv	8/21/2006	53	3	30	Cultural Debris	8/23/2006	Trash	-	
46C18-0004	749014.4461	1007601.531	443	Mv	8/21/2006	538	3	10	Cultural Debris	8/22/2006	Trash	Pass	KC
46C18-0006	749156.25	1007550.25	307	Mv	8/21/2006	150	3	0	Cultural Debris	10/25/2006	Wire	Pass	KC
46C18-0008	749019	1007600.5	250	Mv	8/21/2006	125	3	14	Cultural Debris	8/22/2006	Chain pieces	Pass	KC
46C18-0010	749057.25	1007613	160	Mv	8/21/2006	125	3	10	Cultural Debris	8/22/2006	Trash	Pass	KC
46C18-0012	749097.25	1007629.25	130	Mv	8/21/2006	62	3	24	Munitions Debris	8/22/2006	Frag	Pass	KC
46C18-0019	749118.25	1007600	85	Mv	8/21/2006	40	3	18	Cultural Debris	8/22/2006	Trash	Pass	KC
46C18-0024	749124.5	1007573.5	72	Mv	8/21/2006	39	3	7	Cultural Debris	8/22/2006	Trash	Pass	KC
46C18-0029	749142.5	1007553.25	63	Mv	8/21/2006	32	3	2	Cultural Debris	8/22/2006		-	
46C18-0031	749165.5464	1007540.976	59	Mv	8/21/2006	25	3	14	Cultural Debris	8/23/2006	Bucket handle	Pass	KC

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Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ²	QC Initials
	Easting (X)	Northing (Y)											
46E20-0004	749404.75	1007757.5	52	Mv	8/21/2006	27	3	14	Cultural Debris	8/22/2006	Trash	-	
46G04-0002	749726.25	1005945.75	919	Mv	8/15/2006	468	3	18	Munitions Debris	8/30/2006	Flare piece	-	
46G04-0003	749729.4279	1005946.735	446	Mv	8/15/2006	276	3	18	Munitions Debris	8/30/2006	Same as #2 Flare piece	-	
46G04-0004	749608	1005971.25	288	Mv	8/15/2006	151	3	24	Cultural Debris	8/30/2006		-	
46G04-0007	749672	1005914.25	97	Mv	8/15/2006	51	3	20	Munitions Debris	8/30/2006	Flare piece	-	
46G04-0009	749657.75	1005952.5	79	Mv	8/15/2006	39	3	10	Munitions Debris	8/30/2006	Flare piece	-	
46G04-0011	749702	1005906.25	73	Mv	8/15/2006	39	3	24	Munitions Debris	8/30/2006	Flare piece	-	
46G06-0031	749656	1006141.25	362	Mv	8/10/2006	152	3	10	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G06-0035	749577.25	1006173	333	Mv	8/10/2006	153	3	12	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G06-0043	749644.25	1006150.25	291	Mv	8/10/2006	152	3	15	Cultural Debris	8/29/2006	Trash	Pass	KC
46G06-0064	749664	1006226.5	170	Mv	8/10/2006	150	3	20	Munitions Debris	8/30/2006	Frag	Pass	KC
46G06-0073	749596.25	1006153.75	120	Mv	8/14/2006	53	3	3	Munitions Debris	8/30/2006	Flare piece	-	
46G06-0075	749725.75	1006091.5	110	Mv	8/10/2006	55	3	10	Munitions Debris	8/30/2006	Flare piece 2 pieces	-	
46G06-0076	749667.75	1006065.75	95	Mv	8/10/2006	132	3	8	Cultural Debris	8/30/2006	Bolt and a flare piece 2 digs	-	
46G06-0079	749738.5	1006000.5	84	Mv	8/10/2006	52	3	4	Munitions Debris	8/30/2006	Flare piece	-	
46G06-0080	749726.25	1006124.25	84	Mv	8/10/2006	64	3	7	Cultural Debris	8/30/2006	Chain pieces	-	
46G06-0095	749631.5	1006215	56	Mv	8/10/2006	87	3	5	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G06-0098	749645.75	1006233.75	52	Mv	8/10/2006	58	3	9	Munitions Debris	8/30/2006	Flare piece	Pass	KC
46G06-0100	749745	1006234.25	51	Mv	8/10/2006	53	3	12	Cultural Debris	8/30/2006	Wire chopped up by mower	-	
46G06-0101	749741.75	1006233.5	50	Mv	8/10/2006	56	3	17	Cultural Debris	8/30/2006	Wire chopped up by mower	-	
46G08-0003	749550.5	1006408.75	1528	Mv	8/16/2006	753	3	16	Cultural Debris	8/29/2006	Large bolt w/washers and nut	Pass	KC
46G08-0012	749595.75	1006355	517	Mv	8/16/2006	371	3	24	Munitions Debris	8/29/2006	Frag. Same as #16	Pass	KC
46G08-0016	749597.25	1006352.5	346	Mv	8/16/2006	154	3	20	Munitions Debris	8/29/2006	Frag	Pass	KC
46G08-0022	749627	1006437.25	190	Mv	8/16/2006	96	3	18	Cultural Debris	8/29/2006		Pass	KC
46G08-0028	749578.75	1006402.5	146	Mv	8/16/2006	123	3	12	Cultural Debris	8/29/2006		-	
46G08-0032	749658	1006466.25	94	Mv	8/16/2006	53	3	6	Munitions Debris	8/29/2006	Flare piece	-	
46G08-0037	749568	1006437.75	78	Mv	8/16/2006	36	3	8	Cultural Debris	8/29/2006	Nail	Pass	KC
46G08-0041	749625.5	1006440	72	Mv	8/16/2006	58	3	12	Cultural Debris	8/29/2006		Pass	KC
46G08-0045	749661.75	1006477.5	65	Mv	8/16/2006	50	3	10	Munitions Debris	8/29/2006	Flare piece	Pass	KC
46G08-0049	749642.5	1006410.25	63	Mv	8/16/2006	39	3	6	Munitions Debris	8/29/2006	Small Arms, .50 cal head	Pass	KC
46G08-0050	749618.25	1006318.75	61	Mv	8/16/2006	45	3	4	Cultural Debris	8/29/2006	Wire	Pass	KC
46G08-0051	749616.25	1006313.75	61	Mv	8/16/2006	33	3	16	Cultural Debris	8/29/2006	Wire	Pass	KC
46G08-0052	749566	1006408	60	Mv	8/16/2006	33	3	9	Cultural Debris	8/29/2006	Trash	Pass	KC
46G08-0055	749623.5	1006439	58	Mv	8/16/2006	56	3	20	Cultural Debris	8/29/2006		Pass	KC
46G08-0056	749566.25	1006484.5	57	Mv	8/16/2006	53	3	20	Cultural Debris	8/29/2006		-	
46G08-0060	749667	1006312.25	56	Mv	8/16/2006	33	3	14	Cultural Debris	10/26/2006	Wire	-	
46G10-0015	749522.25	1006551.75	612	Mv	8/21/2006	350	3	24	Cultural Debris	8/28/2006	Trash	-	
46G10-0020	749610	1006516.5	375	Mv	8/21/2006	182	3	12	Cultural Debris	8/28/2006	Tent peg	Pass	KC
46G10-0024	749741.75	1006631.75	227	Mv	8/21/2006	126	3	18	Cultural Debris	8/28/2006	Same as #29	Pass	KC
46G10-0028	749739.25	1006631.5	160	Mv	8/21/2006	86	3	18	Cultural Debris	8/28/2006	Same as #26	Pass	KC
46G10-0029	749742.75	1006630	144	Mv	8/21/2006	78	3	18	Cultural Debris	8/28/2006		Pass	KC
46G10-0030	749505.5	1006613.25	138	Mv	8/21/2006	74	3	18	Cultural Debris	8/28/2006	Trash	Pass	KC
46G10-0033	749722	1006727.75	126	Mv	8/21/2006	76	3	10	Munitions Debris	8/28/2006	Frag	Pass	KC
46G10-0036	749664	1006692.75	117	Mv	8/21/2006	59	3	6	Munitions Debris	8/28/2006	Small Arms, .50 cal head	Pass	KC
46G10-0040	749714.75	1006527.25	110	Mv	8/21/2006	53	3	5	Munitions Debris	8/28/2006	Flare piece	Pass	KC
46G10-0046	749716.25	1006521	89	Mv	8/21/2006	49	3	4	Munitions Debris	8/28/2006	Flare piece	Pass	KC
46G10-0049	749728.5	1006747.25	75	Mv	8/21/2006	43	3	8	Munitions Debris	8/28/2006	Small Arms, .50 cal head and a piece of aluminum	Pass	KC

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Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (In)	Location Offset (In)	Type	Date	Item Description	QC Code ²	QC Initials
46G14-0084	749546.75	1007127.5	68	Mv	8/17/2006	32	3	8	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46G14-0086	749704.5	1007064	67	Mv	8/16/2006	38	3	3	Cultural Debris	8/22/2006	Trash	Pass	KC
46G14-0087	749622.75	1007221.5	66	Mv	8/17/2006	38	3	4	Cultural Debris	8/23/2006		-	
46G14-0088	749539.5	1007133.25	66	Mv	8/17/2006	30	3	4	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46G14-0089	749503	1007071.5	66	Mv	8/16/2006	36	3	2	Cultural Debris	8/24/2006	Trash	-	
46G14-0093	749524.25	1007087.25	63	Mv	8/16/2006	37	3	2	Cultural Debris	8/24/2006		-	
46G14-0102	749509	1007021.25	61	Mv	8/16/2006	33	3	3	Cultural Debris	8/24/2006	Trash	Pass	KC
46G14-0104	749700.25	1007135.25	61	Mv	8/16/2006	36	3	3	Cultural Debris	8/22/2006	Trash	-	
46G14-0114	749679	1007058.75	59	Mv	8/16/2006	30	3	9	Cultural Debris	8/22/2006	Trash	Pass	KC
46G14-0118	749737	1007084.5	58	Mv	8/16/2006	31	3	2	Cultural Debris	8/22/2006	Trash	-	
46G14-0127	749514.75	1007077.25	57	Mv	8/16/2006	31	3	2	Cultural Debris	8/24/2006	Trash	-	
46G14-0129	749579.25	1007100.25	57	Mv	8/16/2006	30	3	10	Munitions Debris	8/23/2006	Small Arms, brass pieces	Pass	KC
46G14-0138	749500.25	1007093.25	54	Mv	8/17/2006	29	3	2	Cultural Debris	8/24/2006	Trash	-	
46G14-0141	749542.5	1007081	54	Mv	8/16/2006	26	3	3	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46G14-0144	749541.75	1007084	53	Mv	8/16/2006	31	3	3	Munitions Debris	8/24/2006	Small Arms, .50 cal pieces	-	
46G14-0146	749510.5	1007017.75	53	Mv	8/16/2006	30	3	5	Munitions Debris	8/24/2006	Small Arms, .50 cal head	Pass	KC
46G14-0147	749714.9035	1007134.866	52	Mv	8/16/2006	29	3	4	Munitions Debris	8/22/2006	Small Arms, brass	Pass	KC
46G14-0149	749661.5	1007057.25	52	Mv	8/16/2006	29	3	4	Munitions Debris	8/23/2006	Small Arms, brass	Pass	KC
46G14-0150	749529.5	1007022.5	52	Mv	8/16/2006	27	3	4	Cultural Debris	8/24/2006	Trash	Pass	KC
46G14-0153	749538.75	1007020	51	Mv	8/16/2006	29	3	5	Cultural Debris	8/24/2006	Trash	Pass	KC
46G14-0164	749608.75	1007101.25	50	Mv	8/16/2006	28	3	6	Munitions Debris	8/23/2006	Small Arms, brass	Pass	KC
46G14-0182	749709	1007069.25	47	Mv	9/13/2006	47	3	24	Cultural Debris	9/28/2006		-	
46G16-0009	749504	1007315.5	138	Mv	8/17/2006	76	3	3	Cultural Debris	8/22/2006	Trash	Pass	KC
46G16-0010	749534.5	1007255.75	127	Mv	8/17/2006	68	3	2	Cultural Debris	8/22/2006	Trash	Pass	KC
46G16-0012	749569.75	1007304.25	100	Mv	8/17/2006	51	3	4	Cultural Debris	8/22/2006	Trash	Pass	KC
46G16-0013	749679.5	1007254.25	99	Mv	8/17/2006	57	3	3	Cultural Debris	8/22/2006	Trash	Pass	KC
46G16-0018	749544.75	1007339.75	76	Mv	8/17/2006	41	3	2	Cultural Debris	8/22/2006	Trash	-	
46G16-0019	749727.5	1007259	74	Mv	8/17/2006	39	3	2	Cultural Debris	8/22/2006	Trash	Pass	KC
46G16-0020	749636.5	1007329.25	70	Mv	8/17/2006	37	3	3	Cultural Debris	8/22/2006	Trash	Pass	KC
46G16-0026	749610.75	1007390.25	57	Mv	8/17/2006	31	3	3	Cultural Debris	8/22/2006	Trash	Pass	KC
46G16-0029	749618.5	1007386.25	55	Mv	8/17/2006	30	3	6	Cultural Debris	8/22/2006	Trash	Pass	KC
46G16-0048	749724.75	1007430.25	35	Mv	9/13/2006	35	3	18	Munitions Debris	9/25/2006	Small Arms, .50 cal pieces	-	
46104-0012	749878.75	1005839.25	275	Mv	8/15/2006	143	3	6	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	-	
46104-0014	749998.5	1005896.75	216	Mv	8/15/2006	105	3	6	Munitions Debris	8/31/2006	Signal Flare /Smoke piece	-	
46104-0017	749849.5	1005820.5	204	Mv	8/15/2006	101	3	8	Cultural Debris	8/31/2006	Wire	-	
46104-0022	749923.5	1005810.25	162	Mv	8/15/2006	84	3	30	Munitions Debris	9/5/2006	Frag	-	
46104-0026	749796.75	1005948.75	114	Mv	8/15/2006	59	3	9	Munitions Debris	8/31/2006	Signal Flare /Smoke piece	-	
46104-0033	749770	1005911.25	86	Mv	8/15/2006	45	3	8	Munitions Debris	8/31/2006	Signal Flare /Smoke piece	-	
46104-0035	749998.5	1005973.75	81	Mv	8/15/2006	67	3	8	Munitions Debris	8/31/2006	Signal Flare /Smoke piece	Pass	KC
46104-0038	749881	1005850.25	78	Mv	8/15/2006	39	3	10	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	-	
46104-0043	749981.5	1005887.5	71	Mv	8/15/2006	36	3	11	Munitions Debris	8/31/2006	Signal Flare /Smoke piece	-	
46104-0051	749991.5	1005906.75	61	Mv	8/15/2006	37	3	6	Munitions Debris	8/31/2006	Frag	-	
46104-0056	749926.25	1005810.25	60	Mv	8/15/2006	30	3	8	Munitions Debris	9/5/2006	Frag	-	
46104-0061	749875.75	1005995.75	56	Mv	8/15/2006	27	3	5	Munitions Debris	8/31/2006	Signal Flare /Smoke piece	Pass	KC
46104-0063	749998.5	1005891	55	Mv	8/15/2006	30	3	10	Munitions Debris	8/31/2006	M-2 igniter	Pass	KC
46104-0065	749999	1005883.5	54	Mv	8/15/2006	36	3	5	Munitions Debris	8/31/2006	Signal Flare /Smoke piece	Pass	KC
46104-0069	749849.5	1005912.25	50	Mv	8/15/2006	23	3	6	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	-	

APPENDIX B
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Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ²	QC Initials
	Eastings (X)	Northing (Y)											
46I12-0035	749987.75	1006894	50	Mv	8/16/2006	27	3	3	Munitions Debris	8/28/2006	Small Arms, .50 cal pieces	-	-
46I14-0017	749782.75	1007005.75	64	Mv	8/16/2006	39	3	15	Cultural Debris	8/24/2006		-	-
46I14-0030	749771.5	1007078.75	49	Mv	9/13/2006	49	3	16	Munitions Debris	9/28/2006	Small Arms, .50 cal pieces	-	-
46I14-0086	749923.5	1007014.5	20	Mv	9/13/2006	20	3	24	Munitions Debris	9/28/2006	Small Arms, .50 cal pieces	-	-
46I14-0120	749752.25	1007036.5	16	Mv	9/13/2006	16	3	8	Munitions Debris	9/28/2006	Small Arms, .50 cal pieces	-	-
46I16-0004	749917.75	1007341	154	Mv	8/17/2006	80	3	3	Cultural Debris	8/22/2006	Trash	-	-
46I16-0005	749944.5	1007337	83	Mv	8/17/2006	51	3	3	Cultural Debris	8/22/2006	Trash	-	-
46I16-0006	749989.5	1007251.75	76	Mv	8/17/2006	36	3	2	Cultural Debris	8/22/2006	Trash	-	-
46I16-0007	749815	1007478.5	60	Mv	8/17/2006	37	3	2	Cultural Debris	8/22/2006	Trash	-	-
46I16-0008	749798.75	1007438.5	57	Mv	8/17/2006	27	3	6	Cultural Debris	8/22/2006	Trash	-	-
46I16-0055	749839	1007479.25	21	Mv	9/13/2006	21	3	15	Cultural Debris	9/25/2006		-	-
46I16-0100	749834.25	1007466	13	Mv	9/13/2006	13	3	20	Cultural Debris	9/25/2006		-	-
46I18-0004	749842	1007504.5	114	Mv	8/17/2006	62	3	3	Cultural Debris	8/22/2006	Trash	-	-
46K02-0011	750150.25	1005718.75	722	Mv	8/14/2006	633	3	24	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	-	-
46K02-0015	750203.5	1005676.75	490	Mv	8/14/2006	332	3	22	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	-	-
46K02-0017	750168.75	1005727	357	Mv	8/14/2006	176	3	15	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	-	-
46K02-0023	750090.25	1005725.25	207	Mv	8/14/2006	139	3	18	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	-	-
46K02-0026	750018.5	1005644	178	Mv	8/14/2006	123	3	15	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	-	-
46K02-0031	750070.25	1005637.5	136	Mv	8/14/2006	96	3	20	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	Pass	KC
46K02-0034	750141.5	1005684.75	126	Mv	8/14/2006	116	3	9	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	-	-
46K02-0036	750129	1005750	108	Mv	8/14/2006	280	3	6	Cultural Debris	9/5/2006		Pass	KC
46K02-0037	750001	1005713.25	107	Mv	8/14/2006	96	3	14	Cultural Debris	9/5/2006	Scrap metal	Pass	KC
46K02-0045	750033	1005698.75	85	Mv	8/14/2006	93	3	11	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	-	-
46K02-0047	750131.25	1005739.75	76	Mv	8/14/2006	68	3	14	Cultural Debris	8/31/2006	Trash	Pass	KC
46K02-0049	750147.75	1005734.5	73	Mv	8/14/2006	56	3	8	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	-	-
46K02-0054	750079.25	1005624	62	Mv	8/14/2006	46	3	30	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	Pass	KC
46K02-0055	750241.5	1005708.5	58	Mv	8/14/2006	51	3	20	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	Pass	KC
46K02-0058	750177.75	1005685	55	Mv	8/14/2006	74	3	15	Munitions Debris	9/5/2006	Signal Flare /Smoke piece	Pass	KC
46K04-0015	750103.75	1005819.25	659	Mv	8/15/2006	369	3	3	Cultural Debris	8/30/2006	Trash	-	-
46K04-0023	750131.25	1005772.25	367	Mv	8/15/2006	216	3	8	MPPEH	9/5/2006	M-27 candle	-	-
46K04-0035	750210.5	1005969.75	242	Mv	8/15/2006	53	3	2	Cultural Debris	8/30/2006	Trash	-	-
46K04-0047	750161.25	1005889	174	Mv	8/15/2006	86	3	0	Cultural Debris	10/25/2006	Wire	-	-
46K04-0065	750164.75	1005923.5	131	Mv	8/15/2006	68	3	3	MPPEH	9/5/2006	bomb nose fuze pieces, M123 tail fuze	-	-
46K04-0072	750172.75	1005895	119	Mv	8/15/2006	76	3	3	Cultural Debris	8/31/2006	Trash	-	-
46K04-0075	750134.75	1005975.5	110	Mv	8/15/2006	69	3	76	Cultural Debris	8/31/2006		-	-
46K04-0079	750174.75	1005782.25	107	Mv	8/15/2006	54	3	14	Cultural Debris	8/31/2006		-	-
46K04-0086	750062.25	1005769.5	98	Mv	8/15/2006	86	3	8	Cultural Debris	9/5/2006		-	-
46K04-0093	750214.25	1005923.5	96	Mv	8/15/2006	43	3	3	Cultural Debris	8/30/2006	Trash	-	-
46K04-0095	750125.25	1005960.25	91	Mv	8/15/2006	93	3	3	Cultural Debris	8/31/2006	Trash	-	-
46K04-0100	750012.5	1005789.5	86	Mv	8/15/2006	63	3	4	Cultural Debris	9/5/2006		-	-
46K04-0108	750116.75	1005986.25	82	Mv	8/15/2006	96	3	3	Cultural Debris	8/31/2006	Trash	Pass	KC
46K04-0112	750175	1005917.5	81	Mv	8/15/2006	63	3	8	Cultural Debris	8/31/2006	Trash	-	-
46K04-0117	750247	1005838.5	77	Mv	8/15/2006	88	3	5	Cultural Debris	8/30/2006	Trash	Pass	KC
46K04-0126	750042.75	1005841.5	74	Mv	8/15/2006	53	3	18	Cultural Debris	9/5/2006		-	-
46K04-0146	750081.75	1005988.25	65	Mv	8/15/2006	42	3	6	Cultural Debris	8/31/2006	Trash	Pass	KC
46K04-0147	750050.75	1005785.25	64	Mv	8/15/2006	65	3	16	Cultural Debris	9/5/2006		-	-
46K04-0152	750180.75	1005772.25	62	Mv	8/15/2006	52	3	4	Cultural Debris	8/31/2006		-	-

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Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (In)	Location Offset (In)	Type	Date	Item Description	QC Code ²	QC Initials
	Easting (X)	Northing (Y)											
46M04-0281	750264	1005768.5	19	Mv	9/13/2006	19	3	4	Munitions Debris	9/28/2006	Frag	-	-
46M06-0005	750253.75	1006051.75	152	Mv	8/16/2006	76	3	4	Munitions Debris	8/30/2006	M27 flare	-	-
46A16-0009	748927.25	1007359.25	30148	Mv	8/16/2006	3655	2	16	Cultural Debris	8/23/2006	Trash	-	-
46A16-0011	748879.75	1007451.5	979	Mv	8/16/2006	466	2	20	Munitions Debris	8/23/2006	3.5 in. rocket motor piece	Pass	KC
46A16-0012	748928.5	1007336.75	830	Mv	8/16/2006	415	2	6	Cultural Debris	8/23/2006	Trash	-	-
46A16-0014	748924.5	1007345.75	797	Mv	8/16/2006	368	2	24	Cultural Debris	8/23/2006	Trash, Same as #18	-	-
46A16-0019	748929.5	1007409.25	600	Mv	8/16/2006	300	2	20	Cultural Debris	8/23/2006	Metal rod	Pass	KC
46A16-0020	748906.5	1007497	534	Mv	8/16/2006	263	2	20	Munitions Debris	8/22/2006	Small Arms, cartridge part	-	-
46A16-0021	748885.5	1007464.25	495	Mv	8/16/2006	249	2	8	Munitions Debris	8/23/2006	Small Arms, cartridge piece	-	-
46A16-0024	748882.8138	1007431.981	431	Mv	8/16/2006	216	2	24	Munitions Debris	8/23/2006	Small Arms, cartridge pieces	Pass	KC
46A16-0026	748910.25	1007393.5	347	Mv	8/16/2006	365	2	24	Cultural Débris	8/23/2006	Trash	Pass	KC
46A16-0028	748903.5	1007445.75	332	Mv	8/16/2006	332	2	30	MPPEH	8/23/2006	30 MM Projectile	Pass	KC
46A16-0031	748902.5	1007483.25	271	Mv	8/16/2006	362	2	5	Cultural Debris	8/22/2006	Trash	-	-
46A16-0033	748917.5	1007443.25	267	Mv	8/16/2006	265	2	30	Munitions Debris	8/23/2006	Fuze piece	Pass	KC
46A16-0037	748874.5	1007369	243	Mv	8/16/2006	253	2	3	Cultural Debris	8/23/2006	Trash	Pass	KC
46A16-0041	748887.75	1007487	197	Mv	8/16/2006	233	2	10	Munitions Debris	8/23/2006	Small Arms, cartridge piece	Pass	KC
46A16-0045	748879.5	1007387	177	Mv	8/16/2006	89	2	20	Cultural Debris	8/23/2006	Trash	Pass	KC
46A16-0046	748882.25	1007351.5	176	Mv	8/16/2006	89	2	15	Cultural Debris	8/23/2006	Trash	Pass	KC
46A16-0049	748913.5	1007438.5	156	Mv	8/16/2006	153	2	36	MPPEH	8/23/2006	30 MM Projectile	Pass	KC
46A16-0050	748945	1007442.25	148	Mv	8/16/2006	153	2	16	Cultural Debris	8/23/2006	Trash	Pass	KC
46A16-0055	748878.25	1007469.75	124	Mv	8/16/2006	135	2	18	Cultural Debris	8/23/2006	Trash	Pass	KC
46A16-0057	748882.75	1007355.75	123	Mv	8/16/2006	125	2	14	Cultural Debris	8/23/2006	Trash, Same as #46	Pass	KC
46A16-0061	748963.75	1007457.75	113	Mv	8/16/2006	123	2	36	Munitions Debris	8/23/2006	60mm mortar piece	Pass	KC
46A16-0064	748911.25	1007389.5	99	Mv	8/16/2006	46	2	20	Cultural Debris	8/23/2006	Trash	Pass	KC
46A16-0065	748964	1007450.75	98	Mv	8/16/2006	51	2	18	Cultural Debris	8/23/2006	Trash	Pass	KC
46A16-0066	748879.25	1007496	94	Mv	8/16/2006	9	2	14	Cultural Debris	8/23/2006	Trash	Pass	KC
46A16-0067	748973.25	1007437.5	90	Mv	8/16/2006	46	2	24	Cultural Debris	8/23/2006	Trash	Pass	KC
46A16-0074	748984.25	1007379.5	77	Mv	8/16/2006	68	2	40	Cultural Debris	8/23/2006	Trash	Pass	KC
46A16-0076	748991	1007370.5	76	Mv	8/16/2006	56	2	36	Cultural Debris	8/23/2006	Foil bag piece	Pass	KC
46A16-0079	748984.75	1007479.75	69	Mv	8/16/2006	46	2	8	Cultural Debris	8/22/2006	Trash	-	-
46A16-0080	748920.75	1007408	63	Mv	8/16/2006	31	2	9	Cultural Debris	8/23/2006	Trash	Pass	KC
46A16-0081	748931.25	1007451.5	59	Mv	8/16/2006	32	2	18	MPPEH	8/23/2006	30MM Projectile	Pass	KC
46A16-0083	748877.75	1007474.25	57	Mv	8/16/2006	29	2	0	Cultural Debris	10/25/2006	Scrap metal	Pass	KC
46A16-0084	748969	1007434.75	56	Mv	8/16/2006	31	2	27	Munitions Debris	8/23/2006	MK 2 grenade [practice]	Pass	KC
46A16-0085	748896	1007452.75	53	Mv	8/16/2006	63	2	14	Munitions Debris	8/23/2006	Small Arms, .50 cal head	Pass	KC
46A16-0087	748907.5	1007445.25	50	Mv	8/16/2006	52	2	20	Cultural Debris	8/23/2006	Trash	Pass	KC
46A16-0098	748931	1007448.75	42	Mv	9/13/2006	44	2	6	Cultural Debris	9/25/2006	Slag	-	-
46A16-0117	748971.5	1007448.25	31	Mv	9/13/2006	31	2	18	Cultural Debris	9/25/2006	Steel fitting piece	-	-
46A18-0004	748930.75	1007597.5	4624	Mv	8/16/2006	2200	2	28	Cultural Debris	8/22/2006	Trash	-	-
46A18-0014	748944.75	1007561.75	432	Mv	8/16/2006	222	2	0	Cultural Debris	10/25/2006	Bolt	Pass	KC
46A18-0021	748951.6998	1007539.954	292	Mv	8/16/2006	300	2	8	Cultural Debris	8/22/2006	Trash	Pass	KC
46A18-0032	748961.75	1007547.25	150	Mv	8/16/2006	76	2	20	Munitions Debris	8/22/2006	Expended blasting cap piece	Pass	KC
46A18-0034	748965.75	1007577.25	140	Mv	8/16/2006	70	2	8	Cultural Debris	8/22/2006	Barbed wire	Pass	KC
46A18-0041	748969.1249	1007576.467	91	Mv	8/16/2006	46	2	20	Cultural Debris	8/22/2006	Same as #34 [barbed wire]	Pass	KC
46A18-0042	748962.5	1007580.5	90	Mv	8/16/2006	45	2	22	Cultural Debris	8/22/2006	Trash	Pass	KC
46A18-0045	748941.25	1007524.75	80	Mv	8/16/2006	53	2	10	Munitions Debris	8/22/2006	Small Arms, cartridge piece	Pass	KC
46A18-0051	748892.75	1007526.25	63	Mv	8/16/2006	52	2	12	Munitions Debris	8/22/2006	Frag	Pass	KC

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Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ²	QC Initials
	Easting (X)	Northing (Y)											
46G08-0018	749705.25	1006252.75	253	Mv	8/16/2006	175	2	18	Cultural Debris	8/30/2006	Barbed wire	-	
46G08-0019	749668.75	1006356.5	251	Mv	8/16/2006	76	2	9	Cultural Debris	8/29/2006	Wire	-	
46G08-0027	749630.75	1006443.5	149	Mv	8/16/2006	74	2	8	Munitions Debris	8/29/2006	Arming assembly	Pass	KC
46G08-0031	749529.75	1006399.25	103	Mv	8/16/2006	58	2	24	Cultural Debris	8/29/2006	Trash	Pass	KC
46G08-0033	749677.5	1006425.5	86	Mv	8/16/2006	53	2	18	Cultural Debris	8/29/2006	Nail	-	
46G08-0034	749536.25	1006389.75	83	Mv	8/16/2006	41	2	7	Cultural Debris	8/29/2006	Nails	Pass	KC
46G08-0036	749740.5	1006433	81	Mv	8/16/2006	63	2	3	Cultural Debris	8/29/2006	Trash	Pass	KC
46G08-0040	749668	1006377.25	73	Mv	8/16/2006	63	2	10	Cultural Debris	8/29/2006	Trash	Pass	KC
46G08-0059	749720.25	1006389.25	56	Mv	8/16/2006	48	2	6	Cultural Debris	8/29/2006	Trash	Pass	KC
46G10-0002	749561.5	1006739.25	3834	Mv	8/21/2006	3000	2	3	Cultural Debris	8/28/2006	Trash	Pass	KC
46G10-0003	749529	1006532.25	3396	Mv	8/21/2006	3000	2	6	Cultural Debris	8/28/2006	Trash	Pass	KC
46G10-0005	749529.25	1006529.25	3142	Mv	8/21/2006	3000	2	20	Cultural Debris	8/28/2006	Same as#3	Pass	KC
46G10-0008	749532.5	1006580.25	1917	Mv	8/21/2006	812	2	1	Cultural Debris	8/28/2006	Trash	Pass	KC
46G10-0012	749533.5	1006583.5	967	Mv	8/21/2006	569	2	3	Cultural Debris	8/28/2006	Trash	Pass	KC
46G10-0013	749571.25	1006579	717	Mv	8/21/2006	367	2	18	Cultural Debris	8/28/2006	Same as #14	Pass	KC
46G10-0014	749571.25	1006582.25	700	Mv	8/21/2006	361	2	2	Cultural Debris	8/28/2006	Trash	Pass	KC
46G10-0019	749606.25	1006517.25	421	Mv	8/21/2006	215	2	24	Cultural Debris	8/28/2006	Tent peg	Pass	KC
46G10-0021	749738	1006578.75	361	Mv	8/21/2006	190	2	10	MPPEH	8/28/2006	MK-5 AT (UK) Training mine	Pass	KC
46G10-0023	749749	1006732.5	255	Mv	8/22/2006	129	2	14	Munitions Debris	8/28/2006	M-48 fuze piece	Pass	KC
46G10-0026	749742.5	1006715.5	174	Mv	8/21/2006	89	2	18	Munitions Debris	8/28/2006	Small Arms. .50 cal head	Pass	KC
46G10-0032	749672	1006709.5	130	Mv	8/21/2006	68	2	24	Cultural Debris	8/28/2006	Trash, Multiple digs around flag	Pass	KC
46G10-0044	749656.8229	1006733.624	93	Mv	8/21/2006	51	2	20	Cultural Debris	8/28/2006	Trash, Multiple digs around flag	Pass	KC
46G10-0057	749733	1006739.75	62	Mv	8/21/2006	36	2	12	Cultural Debris	8/28/2006	Trash	Pass	KC
46G10-0060	749749	1006720.75	59	Mv	8/21/2006	28	2	20	Munitions Debris	8/28/2006	Frag	Pass	KC
46G10-0063	749699	1006609	53	Mv	8/21/2006	28	2	24	Munitions Debris	8/28/2006	Small Arms. .50 cal head	Pass	KC
46G10-0065	749556.25	1006746.75	50	Mv	8/21/2006	29	2	5	Cultural Debris	8/28/2006	Wire	Pass	KC
46G10-0091	749689.75	1006644.5	39	Mv	9/13/2006	39	2	4	Munitions Debris	9/28/2006	Small Arms. .50 cal head	Pass	KC
46G10-0253	749725	1006732.75	15	Mv	9/13/2006	15	2	18	Munitions Debris	9/28/2006	Small Arms. blank cart.	Pass	KC
46G12-0013	749696.75	1006791.25	159	Mv	8/21/2006	73	2	3	Cultural Debris	8/28/2006	Trash	-	
46G14-0017	749550	1007145	251	Mv	8/17/2006	131	2	4	Munitions Debris	8/24/2006	Small Arms. .50 cal pieces	-	
46G14-0025	749525	1007147.5	160	Mv	8/17/2006	84	2	5	Munitions Debris	8/24/2006	Small Arms. .50 cal pieces	-	
46G14-0030	749676.5	1007093	141	Mv	8/16/2006	76	2	2	Cultural Debris	8/22/2006	Trash	Pass	KC
46G14-0036	749565.5	1007134.25	120	Mv	8/17/2006	63	2	8	Cultural Debris	8/23/2006	Trash	-	
46G14-0063	749538.75	1007012.75	77	Mv	8/16/2006	42	2	3	Cultural Debris	8/24/2006	Trash	Pass	KC
46G14-0079	749566	1007119.75	70	Mv	8/17/2006	38	2	7	Munitions Debris	8/23/2006	Small Arms. .50 cal pieces	-	
46G14-0095	749551	1007049.75	63	Mv	8/16/2006	33	2	3	Cultural Debris	8/24/2006	Trash	-	
46G14-0098	749683	1007143.75	62	Mv	8/16/2006	33	2	3	Cultural Debris	8/22/2006	Trash	Pass	KC
46G14-0101	749530.25	1007028.25	61	Mv	8/16/2006	32	2	6	Cultural Debris	8/24/2006	Trash	Pass	KC
46G14-0117	749514.25	1007073.5	58	Mv	8/16/2006	30	2	2	Cultural Debris	8/24/2006	Trash	Pass	KC
46G14-0128	749569	1007114.5	57	Mv	8/17/2006	31	2	8	Cultural Debris	8/23/2006	Trash	Pass	KC
46G14-0148	749505.75	1007080.5	52	Mv	8/16/2006	26	2	3	Munitions Debris	8/24/2006	Small Arms. .50 cal pieces	-	
46G14-0160	749534.25	1007126.75	50	Mv	8/17/2006	27	2	3	Munitions Debris	8/24/2006	Small Arms. .50 cal pieces	-	
46G16-0001	749629.5	1007291.75	132444	Mv	8/17/2006	5000	2	2	Cultural Debris	8/22/2006	Trash	-	
46G16-0007	749649.75	1007332.5	761	Mv	8/17/2006	13	2	2	Cultural Debris	8/22/2006	Trash	Pass	KC
46G16-0025	749536.25	1007261	59	Mv	8/17/2006	29	2	2	Cultural Debris	8/22/2006	Trash	Pass	KC
46I04-0005	749918.5	1005784.5	517	Mv	8/15/2006	500	2	24	Cultural Debris	8/31/2006	Wrench	Pass	KC
46I04-0009	749830	1005973	316	Mv	8/15/2006	162	2	22	Munitions Debris	8/31/2006	Slap flare	-	

APPENDIX B
SEAD 46 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ²	QC Initials
	Eastings (X)	Northing (Y)											
46A16-0008	748885.75	1007427	82215	Mv	8/16/2006	5000	1	20	Cultural Debris	8/23/2006	Trash	Pass	KC
46A16-0010	748895	1007387.5	2135	Mv	8/16/2006	2366	1	6	Cultural Debris	8/23/2006	Trash	Pass	KC
46A16-0023	748899	1007483	473	Mv	8/16/2006	252	1	14	Munitions Debris	8/22/2006	Small Arms, cart piece.	-	
46A16-0027	748952	1007441.75	334	Mv	8/16/2006	333	1	20	Cultural Debris	8/23/2006	Trash	Pass	KC
46A16-0029	748952.5	1007434.75	306	Mv	8/16/2006	153	1	10	Munitions Debris	8/23/2006	Small Arms, cartridge piece	Pass	KC
46A16-0032	748905	1007486	270	Mv	8/16/2006	135	1	14	Munitions Debris	8/22/2006	Small Arms, cart. Piece	-	
46A16-0036	748983.25	1007474.5	256	Mv	8/16/2006	238	1	36	Cultural Debris	8/22/2006	Trash	Pass	KC
46A16-0040	748893	1007446.75	214	Mv	8/16/2006	216	1	24	MPPEH	8/23/2006	30 MM Projectile	Pass	KC
46A16-0043	748890.75	1007447.75	180	Mv	8/16/2006	92	1	17	Munitions Debris	8/23/2006	Small Arms, cartridge piece	Pass	KC
46A16-0044	748961.75	1007455.25	177	Mv	8/16/2006	86	1	24	Cultural Debris	8/22/2006	Trash	Pass	KC
46A16-0048	748921	1007430.25	157	Mv	8/16/2006	78	1	40	Cultural Debris	8/23/2006	Trash	Pass	KC
46A16-0060	748979.9531	1007472.901	114	Mv	8/16/2006	57	1	36	Cultural Debris	8/22/2006	Trash, Same as #36	-	
46A16-0062	748960	1007460.25	106	Mv	8/16/2006	53	1	12	Munitions Debris	8/23/2006	Grenade piece [mk2]	Pass	KC
46A16-0072	748884.75	1007487.75	78	Mv	8/16/2006	68	1	4	Cultural Debris	8/23/2006	Trash	Pass	KC
46A16-0075	748894.5	1007498.25	76	Mv	8/16/2006	81	1	8	Munitions Debris	8/22/2006	Frag	-	
46A16-0078	748901.5	1007475.75	69	Mv	8/16/2006	70	1	24	Munitions Debris	8/22/2006	Small Arms, cart & aluminu pieces	-	
46A16-0088	748879	1007490.5	50	Mv	8/16/2006	25	1	12	Cultural Debris	8/23/2006	Trash	-	
46A16-0089	748887.75	1007435.5	50	Mv	8/16/2006	25	1	19	Munitions Debris	8/23/2006	Small Arms, cartridge piece	Pass	KC
46A18-0001	748885.25	1007514	70128	Mv	8/16/2006	5000	1	20	Cultural Debris	8/22/2006	Pipe cap	Pass	KC
46A18-0003	748882.25	1007518	6366	Mv	8/16/2006	630	1	20	Cultural Debris	8/22/2006	Trash	Pass	KC
46A18-0006	748886.5	1007519	2499	Mv	8/16/2006	2399	1	18	Cultural Debris	8/22/2006	Trash, Same as #3	Pass	KC
46A18-0007	748889.6457	1007516.505	1285	Mv	8/16/2006	633	1	6	Munitions Debris	8/22/2006	Small Arms, cartridge case piece	Pass	KC
46A18-0008	748886.5434	1007511.897	963	Mv	8/16/2006	500	1	8	Munitions Debris	8/22/2006	Frag	Pass	KC
46A18-0016	748909.5	1007507.75	406	Mv	8/16/2006	236	1	10	Cultural Debris	8/22/2006	Trash	Pass	KC
46A18-0031	748923.5	1007531.75	152	Mv	8/16/2006	69	1	10	Cultural Debris	8/22/2006	Trash	Pass	KC
46A18-0039	748953.25	1007588	104	Mv	8/16/2006	52	1	6	Cultural Debris	8/22/2006	Wire	-	
46A18-0043	748957.5	1007547.5	81	Mv	8/16/2006	53	1	14	Cultural Debris	8/22/2006	Trash	Pass	KC
46A18-0055	748877.8751	1007511.03	57	Mv	8/16/2006	63	1	2	Munitions Debris	8/22/2006	Frag	Pass	KC
46A18-0058	748923.5	1007581	53	Mv	8/16/2006	35	1	14	Munitions Debris	8/22/2006	Frag	Pass	KC
46C16-0005	749004.1	1007434.74	136	Mv	8/21/2006	76	1	24	Cultural Debris	9/6/2006	Bolt	-	
46C16-0008	749007.4501	1007433.737	89	Mv	8/21/2006	50	1	24	Cultural Debris	9/6/2006	Same as #5 [bolt]	-	
46C18-0009	749005.5	1007577	175	Mv	8/21/2006	62	1	0	Cultural Debris	10/25/2006	bolt	Pass	KC
46C18-0017	749187.5	1007515	95	Mv	8/21/2006	40	1	6	Cultural Debris	8/23/2006	Nail	Pass	KC
46E08-0044	749499.25	1006358.75	56	Mv	8/21/2006	22	1	6	Cultural Debris	8/29/2006	Wire	-	
46E14-0013	749474.3471	1007108.178	756	Mv	8/21/2006	369	1	3	Cultural Debris	8/23/2006	Trash	-	
46E14-0014	749410.25	1007055.25	467	Mv	8/21/2006	250	1	9	Cultural Debris	8/24/2006	Trash	-	
46E14-0023	749436.5	1007046.5	165	Mv	8/21/2006	125	1	60	Cultural Debris	8/24/2006	Old sign laying in the grass	Pass	KC
46E14-0059	749446.25	1007032.75	53	Mv	8/21/2006	53	1	60	Cultural Debris	8/24/2006	Same sign as #23	Pass	KC
46E16-0017	749429.5	1007294.75	5749	Mv	8/21/2006	2687	1	1	Cultural Debris	8/22/2006	Trash	Pass	KC
46G08-0021	749651	1006314.25	205	Mv	8/16/2006	50	1	20	Cultural Debris	8/29/2006	Wire	Pass	KC
46G08-0023	749654	1006313	184	Mv	8/16/2006	86	1	12	Cultural Debris	8/29/2006	Wire	Pass	KC
46G08-0029	749623.75	1006314.75	140	Mv	8/16/2006	79	1	30	Cultural Debris	8/29/2006	Wire	Pass	KC
46G10-0043	749569	1006538	97	Mv	8/21/2006	46	1	4	Munitions Debris	8/28/2006	Scrap piece of flare	Pass	KC
46G10-0047	749529.75	1006502.75	86	Mv	8/21/2006	45	1	8	Cultural Debris	8/24/2006	Air chuck	Pass	KC
46G10-0064	749726.75	1006522.75	51	Mv	8/21/2006	28	1	0	Cultural Debris	10/23/2006	Scrap metal	Pass	KC
46G12-0001	749582.5	1006919.25	4998	Mv	8/21/2006	3000	1	3	Cultural Debris	8/28/2006		Pass	KC
46G12-0016	749556.5	1006923.75	133	Mv	8/21/2006	80	1	5	Cultural Debris	8/28/2006	Trash	Pass	KC

APPENDIX B
SEAD 46 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ²	QC Initials
	Easting (X)	Northing (Y)											
46E14-0021	749487.25	1007112.75	185	Mv	8/21/2006	92	0	0	No Contact	8/23/2006		-	
46E14-0039	749482	1007107.5	92	Mv	8/21/2006	45	0	0	No Contact	8/23/2006		Pass	KC
46E14-0050	749449.5	1007023.25	60	Mv	8/21/2006	60	0	0	No Contact	8/24/2006		-	
46E16-0105	749482.5	1007493.75	16	Mv	9/13/2006	17	0	0	No Contact	9/25/2006		-	
46E18-0004	749441.25	1007544	80	Mv	8/21/2006	63	0	0	No Contact	8/22/2006		-	
46E20-0001	749488.25	1007762	2346	Mv	8/21/2006	1563	0	0	No Contact	8/22/2006		-	
46G04-0023	749599.25	1005989.5	29	Mv	9/13/2006	29	0	0	No Contact	9/28/2006		-	
46G04-0031	749742.75	1005966.5	20	Mv	9/13/2006	20	0	0	No Contact	9/28/2006		-	
46G04-0056	749671.5	1005950.25	12	Mv	9/13/2006	12	0	0	No Contact	9/28/2006		-	
46G06-0085	749595.5	1006046.75	76	Mv	8/14/2006	34	0	0	No Contact	8/30/2006		Pass	KC
46G06-0089	749695	1006236.75	62	Mv	8/10/2006	32	0	0	No Contact	8/30/2006		Pass	KC
46G06-0093	749662.5	1006166.25	58	Mv	8/10/2006	34	0	0	No Contact	8/30/2006		-	
46G06-0225	749697.5	1006097.75	22	Mv	9/13/2006	22	0	0	No Contact	9/28/2006		-	
46G08-0009	749600.5	1006428.5	688	Mv	8/16/2006	1123	0	0	No Contact	8/29/2006		Pass	KC
46G08-0010	749607.5	1006427.5	630	Mv	8/16/2006	362	0	0	No Contact	9/26/2006		Pass	KC
46G08-0063	749599.75	1006328.5	52	Mv	8/16/2006	23	0	0	No Contact	8/29/2006		Pass	KC
46G08-0098	749643.25	1006356.5	28	Mv	9/13/2006	28	0	0	No Contact	9/26/2006		Pass	KC
46G08-0157	749628.25	1006465.5	19	Mv	9/13/2006	19	0	0	No Contact	9/26/2006		-	
46G10-0072	749522	1006515	46	Mv	9/13/2006	46	0	0	No Contact	9/28/2006		Pass	KC
46G10-0474	749544.5	1006548.5	10	Mv	9/13/2006	10	0	0	No Contact	9/28/2006		Pass	KC
46G12-0002	749563.25	1006751.25	4489	Mv	8/21/2006	3000	0	0	No Contact	8/28/2006		Pass	KC
46G12-0010	749525	1006964.5	290	Mv	8/21/2006	168	0	0	Cultural Debris	8/28/2006	Survey stake	Pass	KC
46G12-0014	749694.75	1006788.5	157	Mv	8/21/2006	69	0	2	Hot Soil	8/28/2006		Pass	KC
46G12-0028	749736	1006917.75	62	Mv	8/21/2006	64	0	0	No Contact	8/28/2006		-	
46G12-0036	749582	1006925.25	55	Mv	8/21/2006	28	0	0	No Contact	8/28/2006		Pass	KC
46G12-0060	749706.75	1006795	43	Mv	9/13/2006	43	0	0	No Contact	9/28/2006		Pass	KC
46G12-0243	749639	1006900.75	21	Mv	9/13/2006	21	0	0	No Contact	9/28/2006		-	
46G14-0043	749709.5	1007102.75	98	Mv	8/16/2006	51	0	0	No Contact	8/22/2006		Pass	KC
46G14-0065	749580.25	1007159.25	77	Mv	8/17/2006	37	0	0	No Contact	8/23/2006		Pass	KC
46G14-0099	749675.75	1007058.5	62	Mv	8/16/2006	35	0	0	No Contact	8/22/2006		Pass	KC
46G14-0111	749567.75	1007235	59	Mv	8/17/2006	30	0	0	No Contact	8/23/2006		Pass	KC
46G16-0016	749514.5	1007313	78	Mv	8/17/2006	40	0	0	No Contact	8/22/2006		Pass	KC
46G16-0021	749528.5	1007282.25	68	Mv	8/17/2006	31	0	0	No Contact	8/22/2006		Pass	KC
46G16-0028	749572.75	1007304.75	56	Mv	8/17/2006	27	0	0	No Contact	8/22/2006		-	
46G16-0068	749654.75	1007405.75	27	Mv	9/13/2006	27	0	0	No Contact	9/25/2006		-	
46G16-0114	749603.25	1007309.25	20	Mv	9/13/2006	20	0	0	No Contact	9/25/2006		-	
46G16-0199	749718.5	1007459.25	14	Mv	9/13/2006	14	0	0	No Contact	9/25/2006		-	
46I04-0016	749920.5	1005896.5	204	Mv	8/15/2006	102	0	0	No Contact	9/5/2006		-	
46I04-0037	749834.75	1005953.75	79	Mv	8/15/2006	38	0	0	No Contact	8/31/2006		Pass	KC
46I04-0050	749882.25	1005895.75	62	Mv	8/15/2006	31	0	0	No Contact	9/5/2006		Pass	KC
46I04-0054	749896.5	1005799	61	Mv	8/15/2006	33	0	0	No Contact	8/31/2006		Pass	KC
46I04-0235	749825	1005888	24	Mv	9/13/2006	24	0	0	No Contact	9/28/2006		-	
46I04-0460	749986.25	1005912.25	17	Mv	9/13/2006	17	0	0	No Contact	9/28/2006		-	
46I04-1075	749916.25	1005954.5	10	Mv	9/13/2006	10	0	0	No Contact	9/28/2006		-	
46I06-0062	749869.25	1006155.25	54	Mv	8/10/2006	62	0	0	No Contact	8/31/2006		-	
46I06-0069	749871.25	1006014.75	51	Mv	8/10/2006	23	0	0	No Contact	8/30/2006		Pass	KC
46I06-0489	749802.5	1006117	15	Mv	9/13/2006	15	0	0	No Contact	9/28/2006		-	

APPENDIX B
SEAD 46 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Location (ft)		Amp	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ²	QC Initials
46M02-0015	750280.5	1005650.25	123	Mv	8/14/2006	89	0	0	No Contact	9/6/2006		-	
46M02-0081	750279.0825	1005743.163	16	Mv	9/13/2006	16	0	0	No Contact	9/28/2006		-	
46M04-0026	750357.0342	1005778.546	336	Mv	8/14/2006	152	0	0	No Contact	8/30/2006		Pass	KC
46M04-0033	750376.25	1005796.25	250	Mv	8/14/2006	125	0	0	No Contact	8/30/2006		Pass	KC
46M04-0037	750352.75	1005756.25	206	Mv	8/14/2006	112	0	0	No Contact	8/30/2006		Pass	KC
46M04-0042	750380.1645	1005788.173	189	Mv	8/14/2006	98	0	0	No Contact	8/30/2006		Pass	KC
46M04-0057	750285.75	1005947.25	102	Mv	8/14/2006	79	0	0	No Contact	8/30/2006		-	
46M04-0069	750301.25	1005949	76	Mv	8/14/2006	43	0	0	No Contact	8/30/2006		-	
46M04-0076	750329.75	1005962.75	63	Mv	8/14/2006	33	0	0	No Contact	8/30/2006		Pass	KC
46M04-0086	750315	1005966.5	54	Mv	8/14/2006	26	0	0	No Contact	8/30/2006		Pass	KC
46M04-0089	750360.5	1005779.75	51	Mv	8/14/2006	56	0	0	No Contact	8/30/2006		Pass	KC
46M04-0093	750364	1005964	48	Mv	9/13/2006	48	0	0	No Contact	9/28/2006		-	
46M04-0104	750316.25	1005793.25	43	Mv	9/13/2006	43	0	0	No Contact	9/28/2006		-	
46M04-0541	750341.25	1005935.25	13	Mv	9/13/2006	13	0	0	No Contact	9/28/2006		-	
46M06-0004	750298.25	1006050.5	318	Mv	8/16/2006	153	0	0	No Contact	8/30/2006		-	
46M06-0012	750259.25	1006118.5	44	Mv	9/13/2006	44	0	0	No Contact	9/28/2006		-	
46M06-0026	750260.75	1006020.5	27	Mv	9/13/2006	27	0	0	No Contact	9/28/2006		-	

Notes:

1) DGM survey coordinates were obtained from Shaw E & I Inc SEAD-46/57 Completion Report. GPS survey coordinates were produced by Parsons.

2) QC Code (-) indicates the Anomaly was not QC'ed, (Pass) indicates the Anomaly was QC'ed and was acceptable.

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	DGM ¹ and GPS SURVEY					REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Anomaly ID	Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ³	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	57M16-0018	739320.25	1010034.5	338	Mv	6/6/2006	152	30	0	Cultural Debris	6/10/2006		-	
SEAD-57	57G14-0019	738576.75	1009977	3160	Mv	6/13/2006	1732	24	2	Cultural Debris	6/15/2006	Trash	Pass	KC
SEAD-57	57M12-0202	739399.75	1009667.5	195	Mv	6/2/2006	999	24	1	Cultural Debris	6/7/2006	Trash	-	
SEAD-57	57M14-0033	739430	1009824.75	850	Mv	6/6/2006	490	24	10	Cultural Debris	7/5/2006	Steel scram. Same as flag m14-0077, 0033,0034	-	
SEAD-57	57M14-0034	739433.25	1009825	810	Mv	6/6/2006	368	24	10	Cultural Debris	7/5/2006	Steel scram. Same as flag m14-0077, 0033,0034	-	
SEAD-57	57M14-0071	739462	1009817.25	289	Mv	6/6/2006	114	24	2	Munitions Debris	7/5/2006	Frag 8"	Pass	KC
SEAD-57	57M14-0077	739355.25	1009928	249	Mv	6/6/2006	130	24	10	Cultural Debris	7/5/2006	Steel scram. Same as flag m14-0077, 0033,0034	-	
SEAD-57	57M16-0005	739268	1010135.5	1107	Mv	6/6/2006	440	24	0	Cultural Debris	6/10/2006	Grounding rod	-	
SEAD-57	G09-023	738711.41	1009231.83	4047	nT	8/8/2006	4047	24	12	Cultural Debris	8/9/2006	Conex Box door [could not remove]	-	
SEAD-57	57G16-0025	738613	1010001	817	Mv	6/12/2006	420	22	1	Cultural Debris	6/15/2006	Trash	-	
SEAD-57	F08-010	738528.13	1009027.19	22	nT	8/8/2006	22	22	0	Hot Soil	8/9/2006		-	
SEAD-57 Buffer	C14-015B1	738174.947	1009915.71	634	mV	10/16/2006	634	20	0	Cultural Debris	7/20/2006	16" pipe found near B flag	-	
SEAD-57 Buffer	C14-028	738171.5	1009911.25	31	mV	9/28/2006	31	20	12	Cultural Debris	10/5/2006	pipe	Pass	KC
SEAD-57	57E14-0024	738301.25	1009927	513	Mv	6/28/2006	250	18	1	Cultural Debris	6/29/2006	Pipe	-	
SEAD-57	57E14-0094	738302.25	1009923.75	131	Mv	6/28/2006	150	18	1	Cultural Debris	6/29/2006	Pipe	-	
SEAD-57	57G14-0027	738632.5	1009993.75	1921	Mv	7/11/2006	960	18	3	Cultural Debris	7/12/2006	Pipe	-	
SEAD-57	57K14-0101	739089.75	1009905.25	204	Mv	6/12/2006	81	18	24	Cultural Debris	6/13/2006	Hinge and nail trash pit	-	
SEAD-57	57K14-0142	739243.25	1009845.25	137	Mv	6/5/2006	2500	18	0	Cultural Debris	6/12/2006	Culvert	-	
SEAD-57	57K14-0154	739105.75	1009822.25	128	Mv	6/12/2006	75	18	4	Cultural Debris	6/12/2006	Trash	-	
SEAD-57	57K14-0285	739103.5	1009824.75	51	Mv	6/12/2006	26	18	4	Cultural Debris	6/12/2006	Trash	-	
SEAD-57	57M14-0021	739357	1009848.5	1943	Mv	6/6/2006	602	18	0	Cultural Debris	6/7/2006	Steel, 12" x 12"	Pass	KC
SEAD-57	57M14-0105	739335.5	1009816.5	130	Mv	6/5/2006	55	18	1	Cultural Debris	7/5/2006	Wire	Pass	KC
SEAD-57	57M14-0123	739341	1009842.5	103	Mv	6/6/2006	60	18	12	Cultural Debris	6/7/2006	Steel bolt, 12"	-	
SEAD-57	57O12-0003	739512.5	1009632	29664	Mv	6/5/2006	2765	18	0	Cultural Debris	6/6/2006	Depth 1" to 18", wire 3' continued digging to a 2' diameter. Removed 20 lbs of wire, various size.	-	
SEAD-57	H08-003	738802.876	1009062.4	24	nT	9/6/2006	24	18	4	Hot Soil	9/8/2006	hot rock	-	
SEAD-57	K12-003	739164.939	1009524.58	7	nT	10/16/2006	6	18	3	Hot Soil	10/19/2006	Large hot rock	Pass	KC
SEAD-57 Buffer	C14-027	738159.5	1009904	18	mV	9/28/2006	18	18	5	Munitions Debris	10/5/2006	Frag	Pass	KC
SEAD-57	57G16-0069	738609	1010016.5	131	Mv	6/12/2006	65	17	1	Cultural Debris	6/15/2006	Survey stake	-	
SEAD-57	57K14-0218	739090.5	1009909.5	76	Mv	6/8/2006	96	16	24	Cultural Debris	6/13/2006	Scrap pile hinges and nails	-	
SEAD-57 Buffer	A14-143	738093.75	1009990.25	30	mV	9/28/2006	30	16	4	Munitions Debris	10/5/2006	Frag	Pass	KC
SEAD-57 Buffer	C14-001	738195.5	1009948	369	mV	9/28/2006	369	16	8	Cultural Debris	10/4/2006	Seed Item	Pass	KC
SEAD-57 Buffer	C14-002	738195.5	1009950.75	602	mV	9/28/2006	602	16	10	Cultural Debris	10/4/2006	Seed Item	Pass	KC
SEAD-57 Buffer	C14-015	738184.5	1009921.5	2762	mV	9/28/2006	2762	16	18	Cultural Debris	10/5/2006	Seed item	Pass	KC
SEAD-57	57G14-0439	738532.75	1009973	50	Mv	6/13/2006	15	15	2	Cultural Debris	6/15/2006	Trash	-	
SEAD-57	57E08-0098	738466	1009095	163	Mv	6/22/2006	80	14	12	Cultural Debris	6/26/2006	Seed Item	-	
SEAD-57	57E14-0021	738451.75	1009793	547	Mv	6/28/2006	160	14	8	Cultural Debris	6/29/2006	Trash	Pass	KC
SEAD-57	57G14-0390	738610.75	1009883.75	62	Mv	6/13/2006	31	14	18	Cultural Debris	6/19/2006	Trash	Pass	KC
SEAD-57	57K14-0221	739157.5	1009818.75	74	Mv	6/5/2006	22	14	0	Cultural Debris	6/5/2006	Trash	-	
SEAD-57	57K14-0272	739091.25	1009997.75	54	Mv	6/12/2006	22	14	4	Cultural Debris	6/13/2006	Trash	-	
SEAD-57	57M14-0075	739274.5	1009813.75	263	Mv	8/22/2006	137	14	10	Cultural Debris	8/22/2006	Steel scrap. Anomalies M14-0075 & M14-0082 are th same item.	-	
SEAD-57	57M14-0082	739276.5	1009812.5	221	Mv	8/22/2006	134	14	10	Cultural Debris	8/22/2006	Steel scrap. Anomalies M14-0075 & M14-0082 are th same item.	-	
SEAD-57	57M14-0190	739372.5	1009859.25	54	Mv	6/6/2006	26	14	0	Cultural Debris	6/7/2006	Steel wire	Pass	KC
SEAD-57	F13-019	738566.955	1009630.774	13	nT	10/17/2006	13	14	14	Hot Soil	10/19/2006	rock	-	
SEAD-57	H07-017	738850.96	1008967.67	5	nT	8/8/2006	5	14	3	Hot Soil	8/9/2006	Hotrock	-	
SEAD-57	I12-002	738955.771	1009546.929	14	nT	9/6/2006	14	14	12	Hot Soil	9/8/2006	Large hot rock	Pass	KC
SEAD-57 Buffer	G18-035	738801.25	1010357.5	28	mV	9/26/2006	28	14	20	Munitions Debris	10/3/2006	Frag	-	
SEAD-57	57G14-0050	738597.5	1009954.75	1156	Mv	7/11/2006	448	13	10	Cultural Debris	7/12/2006	Pipe could not remove	-	
SEAD-57	57C14-0024	738169.75	1009751	3298	Mv	6/14/2006	1095	12	24	Cultural Debris	6/15/2006	Trash	-	
SEAD-57	57C14-0038	738221.25	1009907.75	414	Mv	6/14/2006	194	12	3	Cultural Debris	6/15/2006	Trash	-	
SEAD-57	57C14-0050	738241.5	1009800.75	250	Mv	6/14/2006	163	12	8	Cultural Debris	6/15/2006	Trash, Same as 0058 and 0060	-	
SEAD-57	57C14-0112	738192	1009869.25	57	Mv	6/14/2006	23	12	8	Cultural Debris	6/20/2006	Trash	-	
SEAD-57	57G04-0107	738520.25	1008722.5	93	Mv	6/20/2006	60	12	10	Cultural Debris	6/20/2006	SEED item #4 Anomalies G04-0107 and G04-0144 are the same item.	-	

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	DGM ¹ and GPS SURVEY					REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Anomaly ID	Location (ft) Easting (X) Northing (Y)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
SEAD-57	57G14-0021	738598.25	1009941.25	2861	Mv	7/11/2006	600	10	8	Cultural Debris	7/12/2006	Pipe	-	
SEAD-57	57G14-0067	738730.25	1009771	709	Mv	6/13/2006	570	10	2	Cultural Debris	6/15/2006	Copper wire	-	
SEAD-57	57G14-0086	738608.75	1009936.75	533	Mv	7/11/2006	256	10	20	Cultural Debris	7/12/2006	Steel debris could not remove	-	
SEAD-57	57G14-0140	738635	1009820.25	284	Mv	6/13/2006	845	10	18	Cultural Debris	6/15/2006	Trash	-	
SEAD-57	57G14-0189	738611.5	1009890	200	Mv	6/13/2006	98	10	12	Cultural Debris	6/19/2006	Bottle cap	Pass	KC
SEAD-57	57G14-0201	738639.75	1009767.75	184	Mv	6/13/2006	130	10	24	Munitions Debris	6/19/2006	Frag	-	
SEAD-57	57I04-0042	738784.25	1008641.75	291	Mv	6/29/2006	385	10	0	Cultural Debris	7/7/2006	Matel pipe	-	
SEAD-57	57I14-0206	738846.75	1009993	126	Mv	6/22/2006	45	10	10	Munitions Debris	6/28/2006	Frag	Pass	KC
SEAD-57	57I14-0337	738876.25	1009953	64	Mv	6/22/2006	33	10	10	Munitions Debris	6/28/2006	Frag	-	
SEAD-57	57K14-0005	739074.25	1009781	4439	Mv	6/12/2006	1840	10	3	Cultural Debris	6/12/2006	Trash	-	
SEAD-57	57K14-0067	739103.5	1009896.75	321	Mv	6/8/2006	40	10	3	Cultural Debris	6/13/2006	Trash	-	
SEAD-57	57K14-0073	739136.5	1009838.5	266	Mv	6/5/2006	47	10	4	Cultural Debris	6/12/2006	Trash	-	
SEAD-57	57K14-0172	739138	1009886.5	108	Mv	6/8/2006	25	10	1	Cultural Debris	6/12/2006	Trash	-	
SEAD-57	57K14-0193	739045	1009868.5	90	Mv	6/8/2006	27	10	8	Cultural Debris	6/13/2006	Trash	-	
SEAD-57	57K14-0223	739100.25	1009911.75	73	Mv	6/8/2006	20	10	10	Cultural Debris	6/13/2006	Trash	Pass	KC
SEAD-57	57K14-0277	739077.5	1009990.5	53	Mv	6/8/2006	20	10	8	Cultural Debris	6/13/2006	Trash	-	
SEAD-57	57K14-0290	739121	1009811.25	50	Mv	6/5/2006	27	10	10	Cultural Debris	6/5/2006	Trash	-	
SEAD-57	57K16-0009	739205.75	1010137.5	3104	Mv	6/7/2006	1400	10	0	Cultural Debris	8/23/2006	Angel iron 24" long	-	
SEAD-57	57M06-0103	739357	1008940.25	20	Mv	8/22/2006	15	10	0	Cultural Debris	8/22/2006	Wire 5 pieces	-	
SEAD-57	57M06-0104	739368.25	1008988.25	19	Mv	8/22/2006	23	10	0	Cultural Debris	8/22/2006	wire 5 pieces	-	
SEAD-57	57M08-0003	739484.605	1009015.791	810	Mv	6/5/2006	90	10	0	Cultural Debris	7/5/2006	10pc wire	-	
SEAD-57	57M10-0042	739477.25	1009315	65	Mv	8/1/2006	65	10	0	Cultural Debris	8/22/2006	Alum 2" x 2"	Pass	KC
SEAD-57	57M14-0003	739269.75	1009841.125	541741	Mv	6/5/2006	3000	10	1	Cultural Debris	6/20/2006	Culvert	-	
SEAD-57	57M14-0024	739258.5	1009780.75	1432	Mv	6/5/2006	1300	10	8	Cultural Debris	7/5/2006	Steel scrap same as flag 57m14 0024,0029,0143	-	
SEAD-57	57M14-0029	739261.25	1009780.25	1077	Mv	6/5/2006	120	10	8	Cultural Debris	7/5/2006	Steel scrap same as flag 57m14 0024,0029,0143	-	
SEAD-57	57M14-0063	739262.053	1009753.497	328	Mv	6/6/2006	85	10	6	Cultural Debris	7/5/2006	Wire	-	
SEAD-57	57M14-0120	739389.25	1009816.25	109	Mv	6/6/2006	43	10	6	Cultural Debris	7/5/2006	Culture debris scrap	-	
SEAD-57	57M14-0143	739261.25	1009776.5	88	Mv	6/5/2006	0	10	8	Cultural Debris	7/5/2006	Steel scrap same as flag 57m14 0024,0029,0143	-	
SEAD-57	57M14-0160	739418.25	1009819	67	Mv	6/6/2006	10	10	10	Cultural Debris	7/5/2006	Wire	-	
SEAD-57	F12-007	738513.005	1009524.833	7	nT	10/17/2006	7	10	24	Hot Soil	10/19/2006	Rock	Pass	KC
SEAD-57	F12-026	738558.915	1009569.482	12	nT	10/17/2006	13	10	16	Hot Soil	10/19/2006	Rock	Pass	KC
SEAD-57	F13-008	738511.453	1009695.724	5	nT	10/17/2006	5	10	29	Cultural Debris	10/19/2006		Pass	KC
SEAD-57	F13-033	738617.045	1009738.433	22	nT	10/17/2006	22	10	32	Cultural Debris	10/19/2006		-	
SEAD-57	G06-005	738722.113	1008822.683	10	nT	9/6/2006	10	10	8	Munitions Debris	9/7/2006	Frag	Pass	KC
SEAD-57	G06-031	738739.06	1008801.866	25	nT	9/6/2006	21	10	8	Munitions Debris	9/7/2006	Frag	Pass	KC
SEAD-57	G07-001	738728.919	1008966.404	15	nT	9/6/2006	15	10	24	Cultural Debris	9/7/2006		Pass	KC
SEAD-57	H08-023	738814.022	1009114.891	47	nT	9/6/2006	47	10	24	Cultural Debris	9/8/2006		-	
SEAD-57	I10-001	738996.94	1009339.58	59	nT	8/8/2006	59	10	4	Cultural Debris	8/9/2006		-	
SEAD-57	J10-004	739061.175	1009294.34	16	nT	9/6/2006	16	10	18	Cultural Debris	9/8/2006	Wire	-	
SEAD-57	P57K10-171	739222.75	1009295.75	24	Mv	7/11/2006	25	10	14	Munitions Debris	7/18/2006	Alum MD Alum MD	-	
SEAD-57	P57K10-46	739220.5	1009428.25	22	Mv	7/13/2006	23	10	14	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57M10-45	739270.5	1009316.25	31	Mv	7/10/2006	39	10	6	Munitions Debris	7/10/2006	Frag	-	
SEAD-57	P57M10-65	739261.25	1009273	22	Mv	7/10/2006	44	10	8	Munitions Debris	7/10/2006	Frag	-	
SEAD-57	P57M10-91	739254.5	1009465.75	26	Mv	7/10/2006	47	10	24	Munitions Debris	7/10/2006	Frag	Pass	KC
SEAD-57 Buffer	A14-102	737926.75	1009834	18	mV	9/28/2006	18	10	8	Cultural Debris	10/4/2006	Barbed wire, did not remove all of it.	Pass	KC
SEAD-57 Buffer	E18-022	738567.25	1010327.75	18	mV	9/26/2006	18	10	15	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G18-001	738708	1010342.5	40	mV	9/26/2006	40	10	24	Cultural Debris	10/3/2006	Bolt	Pass	KC
SEAD-57	57C14-0082	738091.25	1009772.5	115	Mv	6/14/2006	135	9	20	Cultural Debris	6/15/2006	Trash	-	
SEAD-57	57E12-0017	738448.25	1009676.75	268	Mv	6/29/2006	30	9	2	Cultural Debris	7/7/2006	Trash	-	
SEAD-57	57E14-0020	738473.5	1009817.25	548	Mv	6/28/2006	205	9	10	Cultural Debris	6/29/2006	Trash	-	
SEAD-57	57E14-0105	738285.5	1009768.75	109	Mv	6/28/2006	70	9	6	Cultural Debris	6/29/2006	Trash	-	
SEAD-57	57G04-0023	738716	1008709.5	210	Mv	6/20/2006	135	9	6	Cultural Debris	6/21/2006	Tear gas container	-	
SEAD-57	57I16-0075	738753.25	1010118.25	74	Mv	6/12/2006	40	9	0	Cultural Debris	6/14/2006	Pipe 1/2 x 3 in	-	

APPENDIX B
SEAD 57 All Dig Results
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Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION			Type	Date	DIG RESULTS Item Description	QPOST-DIG QC Code	QC Initials	
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)						Location Offset (in)
SEAD-57	57114-0386	738877.75	1009943.75	51	Mv	6/22/2006	25	8	7	Munitions Debris	6/28/2006	Small Arms, .50 cal head	-	
SEAD-57	57116-0212	738960.75	1010182.5	27	Mv	9/11/2006	27	8	14	Cultural Debris	9/25/2006	Scrap metal	-	
SEAD-57	57116-0233	738811.75	1010116	25	Mv	9/11/2006	25	8	13	Munitions Debris	9/25/2006	Frag	-	
SEAD-57	57K12-0206	739062.25	1009635	127	Mv	6/1/2006	999	8	0	Cultural Debris	6/8/2006	Steel scrap, 1" x 1"; and Alun scrap, 3"	-	
SEAD-57	57K14-0001	739239.5	1009842	25310	Mv	6/5/2006	3400	8	0	Cultural Debris	6/14/2006	Culvert	Pass	KC
SEAD-57	57K14-0019	739106	1009904.75	1097	Mv	6/8/2006	390	8	24	Cultural Debris	6/13/2006	Trash	Pass	KC
SEAD-57	57K14-0021	739024.25	1009855.5	983	Mv	6/6/2006	983	8	4	Cultural Debris	8/1/2006	Steel scrap. Anomalies K14-0016 and K14-0021 are the same item.	-	
SEAD-57	57K14-0026	739024.25	1009898.75	787	Mv	6/8/2006	300	8	4	Cultural Debris	6/14/2006	Trash	-	
SEAD-57	57K14-0046	739089.5	1009898.25	437	Mv	6/8/2006	203	8	24	Cultural Debris	6/14/2006	Trash	-	
SEAD-57	57K14-0055	739122.5	1009903	372	Mv	6/8/2006	322	8	24	Cultural Debris	6/13/2006	Trash	Pass	KC
SEAD-57	57K14-0060	739130.75	1009892.5	348	Mv	6/8/2006	177	8	12	Cultural Debris	6/14/2006	Steel scrap	-	
SEAD-57	57K14-0066	739020.75	1009944.75	326	Mv	6/8/2006	200	8	6	Cultural Debris	6/13/2006	Trash	-	
SEAD-57	57K14-0093	739176.5	1009872.75	219	Mv	6/8/2006	99	8	10	Cultural Debris	6/12/2006	Steel, K12 0150 associated with anomaly	-	
SEAD-57	57K14-0150	739173	1009872	130	Mv	6/8/2006	76	8	10	Cultural Debris	6/12/2006	Steel, K14 0093 associated with anomaly	-	
SEAD-57	57K14-0158	739148.75	1009893.75	120	Mv	6/8/2006	75	8	12	Cultural Debris	6/14/2006	Trash	-	
SEAD-57	57K14-0166	739098.735	1009903.51	114	Mv	6/12/2006	90	8	24	Cultural Debris	6/13/2006	Trash	-	
SEAD-57	57K14-0169	739152.5	1009824.25	111	Mv	6/5/2006	33	8	1	Cultural Debris	8/1/2006	Steel scrap. Anomalies K14-0169 and K14-0255 are the same item.	-	
SEAD-57	57K14-0171	739117.75	1009898.25	109	Mv	6/8/2006	45	8	22	Cultural Debris	6/14/2006	Trash	-	
SEAD-57	57K14-0176	739154.25	1009807.5	106	Mv	6/5/2006	0	8	2	Cultural Debris	6/5/2006	Trash	-	
SEAD-57	57K14-0188	739026.75	1009905.25	94	Mv	6/8/2006	64	8	1	Cultural Debris	6/20/2006	Trash	-	
SEAD-57	57K14-0196	739108.25	1009788.5	86	Mv	6/12/2006	37	8	4	Cultural Debris	6/12/2006	Trash	-	
SEAD-57	57K14-0203	739224.5	1009789.25	83	Mv	6/5/2006	90	8	3	Cultural Debris	6/7/2006	Steel. Anomalies K14-0247 and K14-0203 and same item.	-	
SEAD-57	57K14-0235	739128	1009807.25	67	Mv	6/5/2006	17	8	1	Cultural Debris	6/5/2006	Trash	-	
SEAD-57	57K14-0247	739220.75	1009790.5	63	Mv	6/5/2006	40	8	3	Cultural Debris	6/7/2006	Steel. Anomalies K14-0247 and K14-0203 and same item.	-	
SEAD-57	57K14-0250	739119.25	1009779	63	Mv	7/19/2006	34	8	24	Cultural Debris	10/26/2006	Trash	-	
SEAD-57	57K14-0255	739155.75	1009823.5	60	Mv	6/5/2006	999	8	1	Cultural Debris	8/1/2006	Steel scrap. Anomalies K14-0169 and K14-0255 are the same item.	-	
SEAD-57	57K16-0076	739163.5	1010114.25	126	Mv	6/6/2006	44	8	0	Cultural Debris	8/23/2006	Alum strip 1" x 2"	Pass	KC
SEAD-57	57M06-0009	739473.5	1008973.75	106	Mv	6/5/2006	101	8	0	Cultural Debris	7/5/2006	Steel 1"x1"	-	
SEAD-57	57M08-0005	739486.125	1009011.5	595	Mv	6/5/2006	95	8	0	Cultural Debris	7/5/2006	5pc wire	Pass	KC
SEAD-57	57M08-0015	739435.25	1009242.5	188	Mv	6/5/2006	999	8	1	Cultural Debris	7/5/2006	Alum	Pass	KC
SEAD-57	57M08-0034	739452.25	1009216.25	81	Mv	6/5/2006	999	8	1	Cultural Debris	8/22/2006	Alum	-	
SEAD-57	57M10-0010	739301	1009495	333	Mv	6/2/2006	999	8	0	Munitions Debris	7/5/2006	Frag 1"x5"	-	
SEAD-57	57M12-0006	739499.5	1009637.5	143826	Mv	6/2/2006	999	8	0	Cultural Debris	6/6/2006	Scrap metal, 8" x 30"; and 4 brass casings. Anomalies M12-0006 and M12-0126 are for the same item.	-	
SEAD-57	57M12-0126	739499.25	1009632.75	554	Mv	6/2/2006	999	8	0	Cultural Debris	6/6/2006	Scrap metal, 8" x 30"; and 4 brass casings. Anomalies M12-0006 and M12-0126 are for the same item.	-	
SEAD-57	57M12-0232	739399.75	1009628.25	150	Mv	6/2/2006	999	8	4	Cultural Debris	6/7/2006	Steel scrap	-	
SEAD-57	57M12-0247	739487.5	1009695.5	134	Mv	6/2/2006	999	8	2	Cultural Debris	6/7/2006	Steel scrap	Pass	KC
SEAD-57	57M12-0350	739426	1009642	67	Mv	6/2/2006	999	8	4	Cultural Debris	6/7/2006	Steel scrap	-	
SEAD-57	57M12-0362	739357	1009505	62	Mv	6/2/2006	999	8	0	Cultural Debris	7/5/2006	Alum strip 1"x3"	-	
SEAD-57	57M14-0001	739264	1009841.25	595473	Mv	6/5/2006	3000	8	1	Cultural Debris	6/20/2006	Culvert	-	
SEAD-57	57M14-0018	739260.5	1009787.25	2379	Mv	6/5/2006	1100	8	1	Cultural Debris	7/5/2006	Steel scrap	-	
SEAD-57	57M14-0073	739310.25	1009785.25	282	Mv	6/5/2006	115	8	1	Cultural Debris	7/5/2006	Alum	-	
SEAD-57	57M14-0111	739362.25	1009860.5	120	Mv	6/6/2006	55	8	8	Cultural Debris	6/7/2006	Steel, Anomalies M14-0111 and M14-0130 are the same item	-	
SEAD-57	57M14-0130	739359.5	1009862.75	97	Mv	6/6/2006	116	8	8	Cultural Debris	6/7/2006	Steel, Anomalies M14-0111 and M14-0130 are the same item	Pass	KC
SEAD-57	57M14-0188	739339.75	1009846.25	54	Mv	6/6/2006	99	8	12	Cultural Debris	6/7/2006	Alum	-	
SEAD-57	57O10-0013	739502.5	1009399.75	73	Mv	6/5/2006	28	8	3	Munitions Debris	6/8/2006	Wire. Anomalies O12-0012 and O12-0013 are for the same item.	-	
SEAD-57	57O10-0038	739580.109	1009419.926	27	Mv	9/11/2006	27	8	15	Cultural Debris	9/20/2006	Nail	Pass	KC
SEAD-57	57O10-0053	739514.5	1009308.75	22	Mv	9/11/2006	24	8	2	Cultural Debris	9/20/2006	6 pieces of wire ranging in size 4" to 6"	Pass	KC
SEAD-57	57O12-0008	739506.734	1009639.82	765	Mv	6/5/2006	384	8	0	Cultural Debris	6/6/2006	10 pieces of wire ranging 2" to 6"	-	
SEAD-57	57O12-0009	739511.012	1009643.988	646	Mv	6/5/2006	321	8	0	Cultural Debris	6/6/2006	Wire. Anomalies O12-0012 and O12-0013 are for the same item.	-	
SEAD-57	57O12-0012	739507	1009687.75	379	Mv	6/5/2006	185	8	3	Cultural Debris	6/8/2006	Wire. Anomalies O12-0012 and O12-0013 are for the same item.	-	
SEAD-57	57O12-0015	739516.168	1009637.407	341	Mv	6/5/2006	180	8	0	Cultural Debris	6/6/2006	5 pieces of wire ranging 3" to 10"	-	

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY			REACQUISITION		DIG RESULTS					QPOST- QC Code	DIG QC Initials	
		Location (ft) Easting (X)	Northings (Y)	Amp ²	Amp Unit	Date	Amp	Depth (In)	Location Offset (In)	Type	Date			Item Description
SEAD-57 Buffer	A18-005	737946.25	1010283.25	105	mV	9/28/2006	105	8	24	Munitions Debris	10/9/2006	2.36 motor (empty), Anomalies A18-005 and A18-006 are the same item.	Pass	KC
SEAD-57 Buffer	A18-006	737941.5	1010283.5	30	mV	9/28/2006	30	8	16	Munitions Debris	10/9/2006	2.36 motor (empty), Anomalies A18-005 and A18-006 are the same item.	Pass	KC
SEAD-57 Buffer	A18-020	738108.25	1010256	36	mV	9/28/2006	36	8	24	Cultural Debris	10/5/2006	Scrap metal	Pass	KC
SEAD-57 Buffer	C14-005	738216.75	1009957.25	61	mV	9/28/2006	61	8	3	Cultural Debris	10/4/2006		Pass	KC
SEAD-57 Buffer	C14-015D1	738189.854	1009931.681	634	mV	10/16/2006	634	8	0	Cultural Debris	7/20/2006	15" pipe found near D flag	-	
SEAD-57 Buffer	C14-024	738126	1009845.75	40	mV	9/28/2006	40	8	3	Cultural Debris	10/5/2006		Pass	KC
SEAD-57 Buffer	E16-026	738464	1010092.5	30	mV	10/2/2006	30	8	6	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-063	738481	1010245.75	34	mV	10/2/2006	34	8	6	Cultural Debris	10/4/2006		Pass	KC
SEAD-57 Buffer	G18-004	738695.5	1010328.75	20	mV	9/26/2006	20	8	20	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G18-030	738744.25	1010276.25	19	mV	9/26/2006	19	8	8	Munitions Debris	10/3/2006	Frag	-	
SEAD-57 Buffer	G18-036	738793	1010353	30	mV	9/26/2006	31	8	12	Munitions Debris	10/3/2006	Frag	-	
SEAD-57 Buffer	K18-022	739221.28	1010253.07	29	mV	9/26/2006	29	8	6	Cultural Debris	10/2/2006		Pass	KC
SEAD-57 Buffer	M16-003	739451.28	1010153.27	40	mV	9/26/2006	40	8	12	Cultural Debris	9/28/2006	Trash	-	
SEAD-57	57C14-0040	738235	1009765.25	394	Mv	6/14/2006	160	7	20	Cultural Debris	6/15/2006	Trash, Same as 0061	-	
SEAD-57	57C14-0055	738113.5	1009764	220	Mv	6/14/2006	69	7	0	Cultural Debris	10/24/2006	Scrap metal	-	
SEAD-57	57C14-0061	738233.25	1009761.25	197	Mv	6/14/2006	134	7	1	Cultural Debris	6/15/2006	Trash	-	
SEAD-57	57E10-0004	738486.75	1009341.5	481	Mv	6/28/2006	200	7	10	Munitions Debris	7/19/2006	Alum MD	-	
SEAD-57	57E10-0008	738444.75	1009308.25	346	Mv	6/28/2006	114	7	0	Cultural Debris	10/24/2006	Wire	-	
SEAD-57	57E10-0115	738497	1009294.25	150	Mv	6/27/2006	95	7	4	Cultural Debris	7/7/2006	Steel scrap	-	
SEAD-57	57E12-0003	738497.75	1009712	885	Mv	6/28/2006	636	7	5	Cultural Debris	7/7/2006	Trash	-	
SEAD-57	57E12-0005	738497	1009715.5	830	Mv	6/28/2006	394	7	6	Cultural Debris	7/7/2006	Trash	-	
SEAD-57	57E12-0046	738444.5	1009665	178	Mv	6/29/2006	15	7	10	Munitions Debris	7/7/2006	Frag	-	
SEAD-57	57E14-0049	738420.75	1009958.25	305	Mv	6/22/2006	90	7	0	Cultural Debris	10/24/2006	Scrap metal	Pass	KC
SEAD-57	57E14-0058	738447.75	1009795	243	Mv	7/19/2006	243	7	0	Cultural Debris	10/24/2006	Scrap metal	-	
SEAD-57	57E14-0210	738475.75	1009931	50	Mv	6/28/2006	25	7	10	Cultural Debris	6/29/2006	Trash	Pass	KC
SEAD-57	57E16-0009	738463.25	1010049.75	142	Mv	6/21/2006	70	7	0	Cultural Debris	10/24/2006	Scrap metal	-	
SEAD-57	57G04-0109	738525.25	1008739.25	90	Mv	6/20/2006	55	7	12	Cultural Debris	6/20/2006	Steel scrap	-	
SEAD-57	57G04-0158	738736.25	1008640	55	Mv	6/20/2006	140	7	8	Munitions Debris	6/21/2006	Frag	-	
SEAD-57	57G04-0246	738715.5	1008717.75	26	Mv	9/11/2006	26	7	0	Cultural Debris	10/24/2006	Scrap metal	-	
SEAD-57	57G14-0048	738610.75	1009947.5	1191	Mv	7/11/2006	300	7	0	Cultural Debris	10/24/2006	Scrap metal	-	
SEAD-57	57G14-0345	738622.75	1009973.75	74	Mv	7/11/2006	26	7	2	Cultural Debris	7/12/2006	Nails	-	
SEAD-57	57G14-0389	738557.75	1009961	62	Mv	6/13/2006	10	7	5	Cultural Debris	6/19/2006	Trash	Pass	KC
SEAD-57	57G14-0434	738575	1009967.25	51	Mv	6/13/2006	20	7	5	Cultural Debris	6/19/2006	Trash	-	
SEAD-57	57G14-0438	738637.75	1009825.5	51	Mv	6/13/2006	337	7	9	Cultural Debris	6/15/2006	Trash	-	
SEAD-57	57G16-0045	738726.25	1010093.75	232	Mv	6/12/2006	999	7	0	Cultural Debris	10/24/2006	Scrap metal	-	
SEAD-57	57G16-0096	738593.75	1010103.25	66	Mv	6/12/2006	15	7	0	Munitions Debris	6/15/2006	Frag	-	
SEAD-57	57G16-0100	738749	1010125	64	Mv	6/12/2006	25	7	0	Hot Soil	10/24/2006	Hot rock	-	
SEAD-57	57G16-0126	738606.25	1010105	43	Mv	10/4/2006	43	7	0	Cultural Debris	10/24/2006	Trash	-	
SEAD-57	57I04-0013	738796.5	1008619.75	604	Mv	6/29/2006	466	7	0	Munitions Debris	7/7/2006	Frag MD	Pass	KC
SEAD-57	57I04-0018	738808.25	1008647.5	524	Mv	6/29/2006	227	7	0	Munitions Debris	7/7/2006	Alum MD	-	
SEAD-57	57I04-0048	738767	1008602	254	Mv	6/29/2006	169	7	0	Munitions Debris	7/7/2006	Alum MD	-	
SEAD-57	57I04-0063	738755.785	1008658.493	207	Mv	6/29/2006	60	7	0	Munitions Debris	7/7/2006	Frag MD	-	
SEAD-57	57I04-0097	738810.25	1008725.75	139	Mv	6/29/2006	130	7	0	Cultural Debris	10/24/2006		-	
SEAD-57	57I04-0153	738758.5	1008676	73	Mv	6/29/2006	40	7	0	Munitions Debris	7/7/2006	Alum MD	-	
SEAD-57	57I14-0006	738755.25	1009961	58822	Mv	6/28/2006	3000	7	8	Cultural Debris	10/26/2006	Fence post	-	
SEAD-57	57I14-0095	738958.25	1009907.75	277	Mv	6/19/2006	85	7	0	Cultural Debris	7/19/2006	Alum	-	
SEAD-57	57I14-0105	738920	1009960.25	250	Mv	6/22/2006	115	7	12	Cultural Debris	6/27/2006	Trash	Pass	KC
SEAD-57	57I14-0148	738856	1009889.5	186	Mv	6/27/2006	100	7	10	Munitions Debris	7/7/2006	Steel MD Frag	-	
SEAD-57	57I14-0191	738798.25	1009976.5	138	Mv	6/22/2006	70	7	20	Cultural Debris	7/19/2006	Steel scrap	Pass	KC
SEAD-57	57I14-0214	738963.5	1009899.5	121	Mv	6/19/2006	60	7	0	Munitions Debris	7/19/2006	Frag	-	
SEAD-57	57I14-0217	738799.25	1009980.75	119	Mv	6/22/2006	30	7	18	Cultural Debris	6/28/2006	Trash	Pass	KC
SEAD-57	57I14-0236	738986.5	1009948.5	108	Mv	6/19/2006	85	7	14	Munitions Debris	6/27/2006	Alum MD	-	
SEAD-57	57I14-0244	738890	1009784.25	105	Mv	6/27/2006	61	7	0	Munitions Debris	8/23/2006	Frag MD	-	

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC		
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description		QC Code	QC Initials
		Easting (X)	Northing (Y)									Item	Description		
SEAD-57	P57K10-123	739216.75	1009317	65	Mv	7/11/2006	74	7	6	Munitions Debris	7/18/2006	Alum MD	Alum MD	-	-
SEAD-57	P57K10-130	739206.5	1009302.25	41	Mv	7/11/2006	41	7	8	Munitions Debris	7/18/2006	Alum MD	Alum MD	-	-
SEAD-57	P57K10-143	739212.75	1009272.75	36	Mv	7/11/2006	38	7	14	Munitions Debris	7/18/2006	Alum MD	Alum MD	Pass	KC
SEAD-57	P57K10-158	739245	1009250.75	47	Mv	7/11/2006	95	7	4	Munitions Debris	7/18/2006	Alum MD	Alum MD	-	-
SEAD-57	P57K10-165	739220.75	1009275.5	18	Mv	7/11/2006	36	7	8	Munitions Debris	7/18/2006	Alum MD	Alum MD	-	-
SEAD-57	P57K10-182	739239.75	1009335.25	21	Mv	7/11/2006	23	7	8	Munitions Debris	7/18/2006	Alum MD	Alum MD	-	-
SEAD-57	P57K10-191	739242.5	1009408.25	51	Mv	7/13/2006	51	7	4	Munitions Debris	7/18/2006	Alum MD	Alum MD	Pass	KC
SEAD-57	P57K10-193	739226.25	1009411.75	34	Mv	7/13/2006	49	7	2	Munitions Debris	7/18/2006	Alum MD	Alum MD	Pass	KC
SEAD-57	P57K10-48	739223.5	1009417.75	24	Mv	7/13/2006	27	7	24	Munitions Debris	7/18/2006	Alum MD	Alum MD	Pass	KC
SEAD-57	P57K10-62	739196.75	1009409.5	36	Mv	7/13/2006	45	7	10	Munitions Debris	7/18/2006	Alum MD	Alum MD	Pass	KC
SEAD-57	P57K10-69	739199.5	1009397.25	74	Mv	7/13/2006	88	7	8	Munitions Debris	7/18/2006	Alum MD	Alum MD	Pass	KC
SEAD-57	P57K10-93	739194.25	1009343.5	56	Mv	7/11/2006	69	7	4	Munitions Debris	7/18/2006	Alum MD	Alum MD	Pass	KC
SEAD-57	P57K10-94	739197.75	1009338.25	29	Mv	7/11/2006	29	7	24	Munitions Debris	7/18/2006	Alum MD	Alum MD	Pass	KC
SEAD-57	P57M10-43	739281	1009327.25	23	Mv	7/10/2006	39	7	14	Munitions Debris	7/10/2006	Frag		Pass	KC
SEAD-57	P57M10-85	739258.5	1009441.5	86	Mv	7/10/2006	105	7	4	Munitions Debris	7/10/2006	Frag		-	-
SEAD-57 Buffer	A14-091	737887	1009830.25	125	mV	9/28/2006	125	7	8	Cultural Debris	10/10/2006	Scrap metal		-	-
SEAD-57 Buffer	A14-092	737893.5	1009832	29	mV	9/28/2006	29	7	8	Cultural Debris	10/10/2006	Same as #91 [scrap metal]		Pass	KC
SEAD-57 Buffer	A14-099	737920.5	1009838	25	mV	9/28/2006	25	7	6	Cultural Debris	10/10/2006			Pass	KC
SEAD-57 Buffer	A14-151	738077	1009934.75	184	mV	9/28/2006	184	7	6	Cultural Debris	10/9/2006			Pass	KC
SEAD-57 Buffer	A16-003	737903.25	1010122.75	52	mV	9/28/2006	52	7	22	Cultural Debris	10/9/2006	Bolt		Pass	KC
SEAD-57 Buffer	A16-064	738105.28	1010225.64	108	mV	9/28/2006	108	7	0	Cultural Debris	10/24/2006	Crushed can		Pass	KC
SEAD-57 Buffer	A16-098	737882.25	1010216	23	mV	9/28/2006	23	7	10	Munitions Debris	10/9/2006	Frag		Pass	KC
SEAD-57 Buffer	C14-017	738164	1009897.25	18	mV	9/28/2006	18	7	10	Cultural Debris	10/5/2006			Pass	KC
SEAD-57 Buffer	C14-022	738141.25	1009850.25	22	mV	9/28/2006	22	7	24	Cultural Debris	10/5/2006			Pass	KC
SEAD-57 Buffer	C16-005	738303	1010235	23	mV	9/28/2006	23	7	3	Munitions Debris	10/4/2006	Frag		Pass	KC
SEAD-57 Buffer	C16-012	738324.75	1010160.75	18	mV	9/28/2006	18	7	21	Munitions Debris	10/4/2006	Frag		Pass	KC
SEAD-57 Buffer	C16-046	738240.5	1010107.25	31	mV	9/28/2006	31	7	19	Munitions Debris	10/4/2006	Frag		Pass	KC
SEAD-57 Buffer	C16-063	738196.5	1010197.25	25	mV	10/2/2006	25	7	3	Cultural Debris	10/4/2006	Scrap metal		Pass	KC
SEAD-57 Buffer	E16-004	738413.75	1010228.5	85	mV	10/2/2006	85	7	8	Cultural Debris	10/4/2006			Pass	KC
SEAD-57 Buffer	E16-042	738600.22	1010157.86	19	mV	10/2/2006	19	7	5	Munitions Debris	10/3/2006	Frag		Pass	KC
SEAD-57 Buffer	E16-051	738568.75	1010230.5	25	mV	10/2/2006	25	7	5	MPPEH	10/3/2006	20mm he head		Pass	KC
SEAD-57 Buffer	E18-004	738499.25	1010254.25	18	mV	9/26/2006	18	7	10	Munitions Debris	10/4/2006	Frag		Pass	KC
SEAD-57 Buffer	E18-005	738494.75	1010283.75	34	mV	9/26/2006	34	7	23	Munitions Debris	10/3/2006	Frag		Pass	KC
SEAD-57 Buffer	E18-006	738517.25	1010282.75	20	mV	9/26/2006	20	7	12	Munitions Debris	10/3/2006	Frag		Pass	KC
SEAD-57 Buffer	E18-009	738563	1010289	19	mV	9/26/2006	19	7	24	Munitions Debris	10/3/2006	Frag		Pass	KC
SEAD-57 Buffer	E18-013	738622.75	1010284.75	49	mV	9/26/2006	49	7	14	Munitions Debris	10/3/2006	Frag		Pass	KC
SEAD-57 Buffer	E18-014	738620.75	1010290.25	108	mV	9/26/2006	108	7	27	Munitions Debris	10/3/2006	2.36 motor, empty		Pass	KC
SEAD-57 Buffer	E18-032	738377.5	1010270.75	21	mV	9/26/2006	21	7	12	Munitions Debris	10/4/2006	Frag		Pass	KC
SEAD-57 Buffer	G16-028	738673.75	1010194	19	mV	9/26/2006	19	7	10	Munitions Debris	10/3/2006	Frag		-	-
SEAD-57 Buffer	G18-005	738690.25	1010321.75	46	mV	9/26/2006	46	7	16	Munitions Debris	10/3/2006	20 mm head		Pass	KC
SEAD-57 Buffer	G18-021	738684.85	1010277.41	93	mV	9/26/2006	93	7	4	Munitions Debris	10/3/2006	2.36 motor, empty		Pass	KC
SEAD-57 Buffer	G18-022	738696.5	1010270	20	mV	9/26/2006	20	7	9	Munitions Debris	10/3/2006	Frag		Pass	KC
SEAD-57	57C14-0027	738157.5	1009750.75	2089	Mv	6/14/2006	788	6	2	Cultural Debris	6/15/2006	Trash		-	-
SEAD-57	57C14-0059	738105	1009776.75	204	Mv	6/14/2006	180	6	12	Munitions Debris	6/15/2006	Small Arms, .50 cal cart.		-	-
SEAD-57	57C14-0087	738103	1009767.75	108	Mv	6/14/2006	114	6	0	Cultural Debris	10/24/2006	Scrap metal		-	-
SEAD-57	57C14-0089	738159.5	1009762.75	96	Mv	6/14/2006	45	6	0	Cultural Debris	10/24/2006	Scrap metal		-	-
SEAD-57	57C14-0119	738233.75	1009750.75	54	Mv	6/14/2006	50	6	10	Cultural Debris	6/15/2006	Trash		-	-
SEAD-57	57E04-0008	738499.5	1008635	12	Mv	9/11/2006	12	6	7	Cultural Debris	9/20/2006			Pass	KC
SEAD-57	57E06-0022	738484.25	1008910.5	36	Mv	9/11/2006	36	6	5	Munitions Debris	9/20/2006	MK25 pieces		Pass	KC
SEAD-57	57E08-0093	738474.5	1009094.75	170	Mv	6/22/2006	73	6	3	Munitions Debris	6/26/2006	Frag		-	-
SEAD-57	57E08-0111	738478.5	1009084	151	Mv	6/22/2006	94	6	2	Munitions Debris	6/26/2006	Frag		-	-
SEAD-57	57E08-0116	738482.25	1009019.75	146	Mv	6/22/2006	60	6	8	Munitions Debris	6/26/2006	Frag		Pass	KC
SEAD-57	57E08-0139	738475	1009074.5	128	Mv	6/22/2006	94	6	1	Munitions Debris	6/26/2006	Frag		-	-

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	DGM ¹ and GPS SURVEY				REACQUISITION			DIG RESULTS				QPOST-DIG QC		
	Anomaly ID	Location (ft)		Amp ¹	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	Initials
		Easting (X)	Northing (Y)											
SEAD-57	57G14-0252	738512.75	1009945.5	133	Mv	6/13/2006	52	6	2	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0255	738600.25	1009768.5	129	Mv	6/14/2006	99	6	8	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0265	738625.5	1009796.5	117	Mv	6/13/2006	976	6	6	Cultural Debris	6/20/2006	Trash	-	-
SEAD-57	57G14-0270	738745.5	1009765.25	114	Mv	6/13/2006	190	6	2	Munitions Debris	6/15/2006	Frag	-	-
SEAD-57	57G14-0278	738630	1009822	109	Mv	6/13/2006	71	6	5	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57G14-0280	738733.5	1009769	108	Mv	6/13/2006	30	6	24	Cultural Debris	6/15/2006	Copper wire	Pass	KC
SEAD-57	57G14-0325	738750	1009868	82	Mv	7/11/2006	92	6	0	Hot Soil	7/12/2006	Hot asphalt	-	-
SEAD-57	57G14-0336	738738.5	1009959	76	Mv	6/14/2006	40	6	20	Cultural Debris	6/15/2006	Trash	Pass	KC
SEAD-57	57G14-0367	738726.5	1009783.5	67	Mv	6/13/2006	35	6	3	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57G14-0371	738594.25	1009841.75	66	Mv	6/13/2006	49	6	0	Cultural Debris	10/24/2006	Scrap metal	-	-
SEAD-57	57G14-0378	738521	1009760.5	64	Mv	6/14/2006	60	6	10	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0394	738729.5	1009984.5	61	Mv	6/14/2006	30	6	18	Cultural Debris	6/15/2006	Trash	Pass	KC
SEAD-57	57G14-0401	738642.5	1009999	60	Mv	7/11/2006	33	6	2	Cultural Debris	7/12/2006	scrap metal	-	-
SEAD-57	57G14-0408	738736.17	1009786.572	57	Mv	6/13/2006	41	6	4	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57G14-0415	738610.75	1009786.75	55	Mv	6/13/2006	128	6	0	Cultural Debris	10/24/2006	Scrap metal	-	-
SEAD-57	57G14-0522	738738	1009848.25	36	Mv	9/11/2006	36	6	12	Cultural Debris	9/25/2006	-	-	-
SEAD-57	57G16-0085	738604	1010060	86	Mv	6/12/2006	54	6	8	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57G16-0107	738666	1010007.5	56	Mv	6/12/2006	40	6	2	Cultural Debris	6/14/2006	Trash	-	-
SEAD-57	57G16-0130	738720.5	1010024.25	41	Mv	9/11/2006	41	6	15	Cultural Debris	9/25/2006	-	Pass	KC
SEAD-57	57G16-0142	738695	1010000.75	36	Mv	9/11/2006	36	6	24	Cultural Debris	9/25/2006	-	Pass	KC
SEAD-57	57G16-0165	738615.75	1010049	31	Mv	9/11/2006	31	6	20	Cultural Debris	9/25/2006	-	-	-
SEAD-57	57104-0001	738756.75	1008663.75	2671	Mv	6/29/2006	183	6	0	Munitions Debris	7/7/2006	Frag MD	Pass	KC
SEAD-57	57104-0041	738756	1008682.75	313	Mv	6/29/2006	230	6	0	Munitions Debris	7/7/2006	Frag MD	-	-
SEAD-57	57104-0059	738753.189	1008597.7	219	Mv	6/29/2006	140	6	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0080	738762.5	1008690	158	Mv	6/29/2006	87	6	0	Munitions Debris	7/7/2006	Frag MD	-	-
SEAD-57	57104-0082	738804.25	1008659.5	155	Mv	6/29/2006	122	6	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0092	738758	1008617.75	147	Mv	6/29/2006	108	6	0	Munitions Debris	7/7/2006	Frag MD	Pass	KC
SEAD-57	57104-0094	738769.25	1008607.75	144	Mv	6/29/2006	111	6	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0104	738786.25	1008617	125	Mv	6/29/2006	103	6	0	MPPEH	7/7/2006	37mm	-	-
SEAD-57	57104-0117	738760.5	1008611.25	107	Mv	6/29/2006	96	6	0	Munitions Debris	7/7/2006	Alum MD	Pass	KC
SEAD-57	57104-0123	738950	1008706.75	101	Mv	6/29/2006	77	6	6	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0137	738791.627	1008601.407	85	Mv	6/29/2006	91	6	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0155	738797.75	1008615	72	Mv	6/29/2006	42	6	0	Cultural Debris	7/7/2006	Nails	-	-
SEAD-57	57104-0157	738757.5	1008620.5	69	Mv	6/29/2006	56	6	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0225	738769.25	1008670	38	Mv	9/11/2006	38	6	6	Cultural Debris	9/21/2006	-	-	-
SEAD-57	57114-0032	738926.25	1009897.75	815	Mv	6/27/2006	534	6	0	Cultural Debris	10/24/2006	Scrap metal	-	-
SEAD-57	57114-0039	738993.5	1009944.75	725	Mv	6/19/2006	350	6	6	Cultural Debris	6/27/2006	Trash	-	-
SEAD-57	57114-0053	738905.25	1009830	572	Mv	6/19/2006	700	6	0	Munitions Debris	7/19/2006	Frag	Pass	KC
SEAD-57	57114-0064	738816.75	1009963.5	452	Mv	6/28/2006	200	6	0	Munitions Debris	7/7/2006	Frag MD	-	-
SEAD-57	57114-0085	738881	1009779.75	346	Mv	6/27/2006	73	6	0	Cultural Debris	8/23/2006	Wire	Pass	KC
SEAD-57	57114-0091	738994.498	1009941.269	301	Mv	6/19/2006	160	6	10	Cultural Debris	6/27/2006	Trash	-	-
SEAD-57	57114-0098	738976.75	1009892	266	Mv	6/19/2006	95	6	22	Cultural Debris	6/27/2006	Trash	-	-
SEAD-57	57114-0104	738809.25	1009895.5	254	Mv	6/22/2006	150	6	15	Cultural Debris	6/27/2006	Trash	-	-
SEAD-57	57114-0113	738931.75	1009798.5	229	Mv	6/20/2006	115	6	0	Cultural Debris	7/19/2006	Alum	-	-
SEAD-57	57114-0142	738798	1009925.5	195	Mv	6/28/2006	66	6	0	Cultural Debris	8/23/2006	Scrap metal	-	-
SEAD-57	57114-0152	738842.5	1009981.75	180	Mv	6/22/2006	65	6	5	Munitions Debris	6/28/2006	Frag	-	-
SEAD-57	57114-0156	738979.497	1009861.577	175	Mv	6/19/2006	180	6	14	Cultural Debris	6/27/2006	Trash	Pass	KC
SEAD-57	57114-0210	738973.5	1009932.25	124	Mv	6/19/2006	50	6	0	Munitions Debris	7/19/2006	Frag	-	-
SEAD-57	57114-0219	738962.75	1009892	117	Mv	6/19/2006	40	6	0	Munitions Debris	7/19/2006	Frag	-	-
SEAD-57	57114-0224	738771.5	1009877.75	113	Mv	6/28/2006	79	6	10	Cultural Debris	7/7/2006	Mixed steel scrap	-	-
SEAD-57	57114-0276	738815.5	1009947.5	88	Mv	6/27/2006	68	6	3	Cultural Debris	6/27/2006	Trash	-	-
SEAD-57	57114-0301	738870.75	1009786.75	78	Mv	6/27/2006	25	6	0	Munitions Debris	8/23/2006	Alum MD	-	-
SEAD-57	57114-0303	738863.75	1009904.625	77	Mv	6/22/2006	50	6	4	Munitions Debris	6/27/2006	Frag	-	-

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Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY			REACQUISITION		DIG RESULTS					QPOST-DIG QC		
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	57M08-0227	739436.5	1009025.25	15	Mv	9/11/2006	15	6	20	Munitions Debris	9/20/2006	Frag	Pass	KC
SEAD-57	57M10-0002	739433.25	1009499	4579	Mv	8/1/2006	5000	6	0	Cultural Debris	8/22/2006	Alum strip	-	
SEAD-57	57M10-0027	739460.5	1009432.5	107	Mv	8/1/2006	107	6	0	Cultural Debris	8/22/2006	Alum 3" x 3"	-	
SEAD-57	57M10-0028	739498.75	1009369	105	Mv	6/2/2006	999	6	0	Cultural Debris	7/5/2006	Alum 1"x2"	-	
SEAD-57	57M10-0040	739449.25	1009440.75	72	Mv	8/1/2006	72	6	0	Cultural Debris	8/22/2006	Alum 1" x 3" and 4 washers	Pass	KC
SEAD-57	57M12-0135	739442.25	1009572.5	474	Mv	6/2/2006	999	6	0	Cultural Debris	6/6/2006	scrap metal, 2" x 4" x 1"	-	
SEAD-57	57M12-0141	739401.75	1009591.5	439	Mv	6/2/2006	999	6	0	Cultural Debris	6/7/2006	Lead battery plates	-	
SEAD-57	57M12-0161	739448.75	1009682.25	303	Mv	6/6/2006	280	6	3	Cultural Debris	8/22/2006	Scrap metal	-	
SEAD-57	57M12-0193	739422.5	1009554.25	216	Mv	6/2/2006	999	6	0	Cultural Debris	6/6/2006	Can pieces	-	
SEAD-57	57M12-0213	739490	1009696	166	Mv	6/2/2006	999	6	1	Cultural Debris	6/7/2006		Pass	KC
SEAD-57	57M12-0235	739493	1009636.75	146	Mv	6/2/2006	999	6	0	Cultural Debris	6/6/2006	Alum, 1" x 2"	-	
SEAD-57	57M12-0244	739481.75	1009710.5	138	Mv	6/2/2006	999	6	1	Cultural Debris	6/7/2006	Trash	-	
SEAD-57	57M12-0256	739433	1009552.75	127	Mv	6/2/2006	999	6	0	Cultural Debris	6/6/2006	Alum disk	-	
SEAD-57	57M12-0260	739401	1009615.25	116	Mv	6/2/2006	999	6	1	Cultural Debris	6/7/2006	Alum disc, 2" diameter	-	
SEAD-57	57M12-0269	739265.75	1009721.5	110	Mv	6/2/2006	999	6	1	Cultural Debris	6/5/2006		-	
SEAD-57	57M12-0321	739265.75	1009710.25	79	Mv	6/6/2006	6	6	6	Cultural Debris	6/7/2006	Trash	-	
SEAD-57	57M12-0339	739293.75	1009720.5	72	Mv	6/2/2006	999	6	1	Cultural Debris	6/7/2006	Wire 18" long. Anomalies M12-0339 & M12-0366 are the same item.	Pass	KC
SEAD-57	57M12-0366	739296.5	1009718	60	Mv	6/2/2006	999	6	4	Cultural Debris	8/22/2006	Wire 18" long. Anomalies M12-0339 & M12-0366 are the same item.	Pass	KC
SEAD-57	57M12-0407	739362.5	1009582.75	43	Mv	9/11/2006	43	6	0	Cultural Debris	10/24/2006	Scrap metal	-	
SEAD-57	57M14-0013	739257	1009791.75	4274	Mv	6/5/2006	1935	6	1	Cultural Debris	7/5/2006	Steel scrap	-	
SEAD-57	57M14-0026	739480.25	1009796.5	1337	Mv	6/6/2006	469	6	1	Cultural Debris	7/5/2006	Steel scrap	-	
SEAD-57	57M14-0032	739253.5	1009798	951	Mv	6/5/2006	785	6	2	Cultural Debris	7/5/2006	Scrape metal	-	
SEAD-57	57M14-0163	739322	1009843.5	66	Mv	6/6/2006	40	6	6	Munitions Debris	6/7/2006	Fuze	Pass	KC
SEAD-57	57M14-0327	739391.75	1009772.25	27	Mv	9/11/2006	27	6	14	Munitions Debris	9/21/2006	Frag	-	
SEAD-57	57M14-0387	739428.75	1009916.25	22	Mv	9/11/2006	22	6	21	Cultural Debris	9/21/2006	Aluminum foil piece	-	
SEAD-57	57M14-0548	739416.75	1009853.75	13	Mv	9/11/2006	13	6	8	Munitions Debris	9/21/2006	Small Arns, .30 cal head	Pass	KC
SEAD-57	57M16-0006	739413.75	1010091.75	902	Mv	6/7/2006	158	6	0	Cultural Debris	6/10/2006	Nail	-	
SEAD-57	57M16-0025	739318.75	1010127.25	217	Mv	6/6/2006	91	6	1	Cultural Debris	6/12/2006	Trash	-	
SEAD-57	57M16-0042	739298	1010126.25	148	Mv	6/6/2006	55	6	0	Cultural Debris	6/10/2006	Wire	-	
SEAD-57	57M16-0049	739257.75	1010123.25	123	Mv	6/6/2006	30	6	0	Cultural Debris	6/10/2006		-	
SEAD-57	57M16-0054	739307.25	1010105.25	108	Mv	6/6/2006	125	6	0	Cultural Debris	6/10/2006		-	
SEAD-57	57M16-0074	739328.75	1010005.75	78	Mv	6/6/2006	60	6	0	Cultural Debris	6/10/2006		-	
SEAD-57	57M16-0093	739268.25	1010140.75	59	Mv	6/6/2006	18	6	0	Cultural Debris	6/10/2006		Pass	KC
SEAD-57	57M16-0105	739326	1010026.75	50	Mv	6/6/2006	43	6	0	Munitions Debris	6/12/2006	Small Arns, .50 cal	-	
SEAD-57	57O12-0108	739532.25	1009668.5	13	Mv	9/11/2006	13	6	20	Munitions Debris	9/20/2006	Frag	Pass	KC
SEAD-57	F08-014	738513.84	1009048.15	17	nT	8/8/2006	17	6	8	Hot Soil	8/9/2006	Hot Rock	Pass	KC
SEAD-57	F09-017	738624.08	1009205.75	21	nT	8/8/2006	21	6	8	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	F10-003	738567.515	1009299.403	27	nT	10/17/2006	27	6	30	MPPEH	10/26/2006	two 3 inch stokes	-	
SEAD-57	F11-004	738502.769	1009381.209	14	nT	10/17/2006	14	6	16	Munitions Debris	10/19/2006	Frag	-	
SEAD-57	F12-005	738518.839	1009502.269	6	nT	10/17/2006	6	6	6	Hot Soil	10/19/2006	Rock	Pass	KC
SEAD-57	F12-031	738569.028	1009541.477	16	nT	10/17/2006	16	6	42	Munitions Debris	10/19/2006	Frag same as F12-32	Pass	KC
SEAD-57	F12-032	738571.173	1009535.986	14	nT	10/17/2006	15	6	36	Munitions Debris	10/19/2006	Frag	Pass	KC
SEAD-57	F12-034	738586.047	1009588.458	5	nT	10/17/2006	5	6	14	Hot Soil	10/19/2006	Rock	Pass	KC
SEAD-57	G06-007	738741.195	1008840.698	9	nT	9/6/2006	9	6	16	Cultural Debris	9/7/2006		-	
SEAD-57	G06-026	738735.324	1008754.493	6	nT	9/6/2006	6	6	16	Hot Soil	9/7/2006		Pass	KC
SEAD-57	G07-005	738701.696	1008967.738	54	nT	9/6/2006	54	6	4	Hot Soil	9/7/2006	Hot rock	-	
SEAD-57	G07-014	738703.03	1008900.749	20	nT	9/6/2006	20	6	4	Hot Soil	9/7/2006	Hot rock	Pass	KC
SEAD-57	G07-021	738675.14	1008923.701	13	nT	9/6/2006	13	6	8	Munitions Debris	9/7/2006	Frag	Pass	KC
SEAD-57	G07-032	738727.184	1008977.079	15	nT	9/6/2006	15	6	16	Munitions Debris	9/7/2006	75mm base & Frag	-	
SEAD-57	H06-010	738781.81	1008781.53	8	nT	8/8/2006	8	6	3	Munitions Debris	8/9/2006	Frag	Pass	KC
SEAD-57	H08-008	738828.15	1009076.139	19	nT	9/6/2006	19	6	20	Cultural Debris	9/8/2006	Wire	Pass	KC
SEAD-57	H08-047	738791.989	1009005.892	13	nT	9/6/2006	15	6	12	Cultural Debris	9/8/2006		Pass	KC
SEAD-57	H09-013	738808.021	1009126.43	19	nT	10/17/2006	19	6	12	Munitions Debris	10/19/2006	M123	Pass	KC

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Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	QC
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ³	Initials
		Easting (X)	Northing (Y)											
SEAD-57 Buffer	A14-066	738033	1009810	28	mV	9/28/2006	28	6	15	Cultural Debris	10/9/2006		Pass	KC
SEAD-57 Buffer	A14-080	737968.75	1009840.75	20	mV	9/28/2006	20	6	2	Cultural Debris	10/10/2006		Pass	KC
SEAD-57 Buffer	A14-086	737944.25	1009831	149	mV	9/28/2006	149	6	18	Cultural Debris	10/4/2006	Steel rod	Pass	KC
SEAD-57 Buffer	A14-090	737900	1009820.25	96	mV	9/28/2006	96	6	5	Cultural Debris	10/10/2006		Pass	KC
SEAD-57 Buffer	A14-094	737899.25	1009836	252	mV	9/28/2006	252	6	4	Cultural Debris	10/10/2006		-	
SEAD-57 Buffer	A14-105	737929.75	1009848.75	45	mV	9/28/2006	45	6	24	Cultural Debris	10/10/2006		Pass	KC
SEAD-57 Buffer	A14-148	738098	1009899	24	mV	9/28/2006	24	6	6	Cultural Debris	10/5/2006		Pass	KC
SEAD-57 Buffer	A14-157	738019.25	1009912.25	26	mV	9/28/2006	26	6	0	Cultural Debris	10/24/2006	Scrap metal	Pass	KC
SEAD-57 Buffer	A16-014	737968.25	1010090.75	86	mV	9/28/2006	86	6	20	Cultural Debris	10/10/2006	Plow piece	Pass	KC
SEAD-57 Buffer	A16-052	738112.5	1010046.75	19	mV	9/28/2006	19	6	1	Cultural Debris	10/24/2006	Scrap metal	Pass	KC
SEAD-57 Buffer	A16-103	737892.75	1010188.5	199	mV	9/28/2006	199	6	20	Munitions Debris	10/9/2006	Frag	Pass	KC
SEAD-57 Buffer	A16-104	737889.75	1010186	397	mV	9/28/2006	397	6	13	Munitions Debris	10/9/2006	Frag	Pass	KC
SEAD-57 Buffer	A18-009	737942.75	1010301.75	21	mV	9/28/2006	21	6	18	Hot Soil	10/9/2006	Hot soil, near ditch	Pass	KC
SEAD-57 Buffer	C14-003	738189.75	1009953.25	79	mV	9/28/2006	79	6	3	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	C14-034	738163.75	1009959.5	21	mV	9/28/2006	21	6	5	Munitions Debris	10/5/2006	Frag	Pass	KC
SEAD-57 Buffer	C16-006	738363.75	1010211	24	mV	9/28/2006	24	6	10	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	C16-022	738302.25	1010076	61	mV	9/28/2006	61	6	5	Cultural Debris	10/4/2006		Pass	KC
SEAD-57 Buffer	C16-027	738329.5	1010025.75	16	mV	9/28/2006	16	6	6	Cultural Debris	10/4/2006		Pass	KC
SEAD-57 Buffer	C16-030	738278.75	1010021.75	169	mV	9/28/2006	169	6	4	Munitions Debris	10/4/2006	Frag	-	
SEAD-57 Buffer	C16-034	738228.5	1010018.5	40	mV	9/28/2006	40	6	8	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	C16-040	738201	1010055	132	mV	9/28/2006	132	6	24	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	C16-047	738259.5	1010114.75	29	mV	10/2/2006	29	6	22	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	C16-065	738247.25	1010197.5	66	mV	10/2/2006	66	6	6	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	C18-004	738365	1010280.5	22	mV	9/26/2006	22	6	4	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	C18-011	738152.25	1010308.75	22	mV	9/26/2006	22	6	20	Hot Soil	10/5/2006	Hot Rock	Pass	KC
SEAD-57 Buffer	E16-010	738401.75	1010156.25	26	mV	10/2/2006	26	6	4	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-011	738390	1010149.25	23	mV	10/2/2006	23	6	10	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-014	738428	1010137.25	40	mV	10/2/2006	40	6	8	MPPEH	10/3/2006	20mm he head	Pass	KC
SEAD-57 Buffer	E16-016	738416.75	1010093.25	183	mV	10/2/2006	183	6	3	Munitions Debris	10/4/2006	frag	Pass	KC
SEAD-57 Buffer	E16-018	738387.25	1010073.75	21	mV	10/2/2006	21	6	7	Cultural Debris	10/4/2006		Pass	KC
SEAD-57 Buffer	E16-022	738409.5	1010026.75	17	mV	10/2/2006	17	6	16	Munitions Debris	10/4/2006	Small Arms, .50 cal pieces	-	
SEAD-57 Buffer	E16-027	738479.5	1010060.75	24	mV	10/2/2006	24	6	16	Munitions Debris	10/4/2006	Small Arms, .50 cal pieces	Pass	KC
SEAD-57 Buffer	E16-032	738532.75	1010147.5	30	mV	10/2/2006	30	6	4	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-034	738561.25	1010150.25	32	mV	10/2/2006	32	6	5	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-045	738611.5	1010198.25	19	mV	10/2/2006	19	6	5	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-048	738587.5	1010243.75	39	mV	10/2/2006	39	6	12	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-050	738552.75	1010249	23	mV	10/2/2006	23	6	12	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-052	738583.5	1010221.5	20	mV	10/2/2006	20	6	12	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-054	738576.5	1010178.75	65	mV	10/2/2006	65	6	6	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-061	738512	1010233.25	445	mV	10/2/2006	445	6	4	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-065	738475.25	1010244.75	45	mV	10/2/2006	45	6	5	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	E18-010	738574.5	1010285.75	32	mV	9/26/2006	32	6	7	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	E18-012	738615.25	1010287.5	29	mV	9/26/2006	29	6	20	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	E18-019	738590.73	1010318.79	22	mV	9/26/2006	22	6	20	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	E18-021	738562.75	1010308.75	21	mV	9/26/2006	21	6	14	Munitions Debris	10/3/2006	Frag, also 1 piece of aluminum	Pass	KC
SEAD-57 Buffer	E18-028	738453.5	1010316.25	24	mV	9/26/2006	24	6	8	Cultural Debris	10/4/2006	Scrap metal	-	
SEAD-57 Buffer	E18-031	738379.75	1010277.75	24	mV	9/26/2006	24	6	10	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	E18-034	738441.5	1010275	24	mV	9/26/2006	24	6	30	Cultural Debris	10/4/2006	Scrap metal	-	
SEAD-57 Buffer	G16-010	738720.25	1010164.75	99	mV	9/26/2006	99	6	12	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G16-014	738695	1010148	23	mV	9/26/2006	23	6	12	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G16-015	738683	1010145	18	mV	9/26/2006	18	6	16	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G16-019	738645.25	1010184.75	40	mV	9/26/2006	40	6	5	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G16-023	738639.75	1010227.75	24	mV	9/26/2006	24	6	10	Munitions Debris	10/3/2006	Frag	Pass	KC

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		Depth (In)	Location Offset (in)	Type	Date	DIG RESULTS		QPOST-DIG QC Code	QC Initials
		Location (ft) Easting (X)	Location (ft) Northing (Y)	Amp ²	Amp Unit	Date	Amp					Item	Description		
SEAD-57	57E10-0111	738489	1009390.25	155	Mv	6/28/2006	71	5	0	Munitions Debris	6/28/2006	Alum MD	-		
SEAD-57	57E10-0125	738495.25	1009314.25	144	Mv	6/28/2006	86	5	4	Munitions Debris	7/17/2006	Alum MD	-		
SEAD-57	57E10-0126	738493.5	1009340.5	144	Mv	6/28/2006	81	5	4	Munitions Debris	7/17/2006	Alum MD	-		
SEAD-57	57E10-0143	738477.25	1009352.75	132	Mv	6/28/2006	84	5	0	Munitions Debris	6/28/2006	Alum MD	-		
SEAD-57	57E10-0158	738472.5	1009337.75	119	Mv	6/27/2006	111	5	4	Munitions Debris	7/7/2006	Alum MD	Pass	KC	
SEAD-57	57E10-0195	738455.75	1009358.25	96	Mv	6/27/2006	72	5	0	Munitions Debris	6/28/2006	Alum MD	-		
SEAD-57	57E10-0227	738500.25	1009292	78	Mv	6/27/2006	89	5	2	Munitions Debris	7/7/2006	Alum MD	-		
SEAD-57	57E10-0238	738454.75	1009340.75	61	Mv	6/28/2006	46	5	4	Munitions Debris	7/17/2006	Alum MD	-		
SEAD-57	57E10-0245	738490.25	1009485.25	51	Mv	6/27/2006	30	5	0	Munitions Debris	7/6/2006	Alum MD	-		
SEAD-57	57E12-0011	738434	1009678	331	Mv	6/29/2006	140	5	10	Munitions Debris	7/7/2006	Frag	-		
SEAD-57	57E12-0015	738493.75	1009512.5	283	Mv	7/5/2006	140	5	6	Cultural Debris	7/7/2006	Trash	Pass	KC	
SEAD-57	57E12-0027	738452.5	1009670	230	Mv	6/29/2006	60	5	12	Cultural Debris	7/7/2006	Trash	-		
SEAD-57	57E12-0064	738490.5	1009602.25	143	Mv	7/5/2006	75	5	1	Munitions Debris	7/7/2006	Multiple digs / pieces + 1ea grenade spoon	Pass	KC	
SEAD-57	57E12-0072	738445.75	1009576.5	131	Mv	7/5/2006	95	5	4	Munitions Debris	7/7/2006	Frag	-		
SEAD-57	57E12-0073	738449	1009580.75	130	Mv	7/5/2006	80	5	4	Cultural Debris	7/7/2006	Trash	-		
SEAD-57	57E12-0079	738449.25	1009646.25	122	Mv	6/29/2006	70	5	2	Munitions Debris	7/7/2006	Frag	-		
SEAD-57	57E12-0085	738456	1009672.25	119	Mv	6/29/2006	100	5	12	Cultural Debris	7/7/2006	Trash	-		
SEAD-57	57E12-0090	738444.5	1009668.75	108	Mv	6/29/2006	95	5	12	Cultural Debris	7/7/2006	Trash	-		
SEAD-57	57E12-0113	738442.25	1009602.25	73	Mv	7/5/2006	30	5	14	Cultural Debris	7/7/2006	Also found a shotgun shell / slug	-		
SEAD-57	57E12-0122	738463.25	1009665.25	62	Mv	6/29/2006	30	5	1	Munitions Debris	7/7/2006	Frag	-		
SEAD-57	57E12-0123	738436.5	1009734.5	61	Mv	6/29/2006	30	5	4	MPPEH	7/7/2006	20mm head	-		
SEAD-57	57E12-0124	738476	1009674.25	60	Mv	6/29/2006	25	5	3	Munitions Debris	7/7/2006	Frag	-		
SEAD-57	57E12-0140	738425	1009745.5	43	Mv	9/11/2006	43	5	12	Munitions Debris	9/20/2006	Frag	Pass	KC	
SEAD-57	57E14-0006	738469.25	1009947	1901	Mv	6/28/2006	1200	5	3	Cultural Debris	6/29/2006	Trash	-		
SEAD-57	57E14-0016	738455.75	1009774.5	767	Mv	7/5/2006	767	5	3	Cultural Debris	7/19/2006	Steel scrap. Anomalies E14-0016 and -0033 are same item.	-		
SEAD-57	57E14-0017	738274	1009918.25	727	Mv	6/28/2006	400	5	3	Cultural Debris	6/29/2006	Trash	-		
SEAD-57	57E14-0032	738327	1009934.25	480	Mv	6/28/2006	190	5	1	Cultural Debris	10/24/2006	Scrap metal	-		
SEAD-57	57E14-0033	738453.5	1009772.75	464	Mv	7/5/2006	464	5	8	Cultural Debris	7/19/2006	Steel scrap. Anomalies E14-0016 and -0033 are same item.	-		
SEAD-57	57E14-0039	738279.75	1009871.75	382	Mv	6/28/2006	120	5	2	Cultural Debris	6/29/2006	Trash	Pass	KC	
SEAD-57	57E14-0062	738475.25	1009825.25	231	Mv	6/28/2006	120	5	7	Cultural Debris	6/29/2006	Trash	-		
SEAD-57	57E14-0069	738489.5	1009928.5	224	Mv	6/28/2006	110	5	5	Cultural Debris	6/29/2006	Trash	-		
SEAD-57	57E14-0070	738489.75	1009931.75	221	Mv	6/28/2006	110	5	5	Cultural Debris	6/29/2006	Trash	-		
SEAD-57	57E14-0081	738315.75	1009905	173	Mv	6/28/2006	30	5	2	Cultural Debris	6/29/2006	Trash	-		
SEAD-57	57E14-0082	738347.5	1009777.5	166	Mv	7/5/2006	166	5	14	Cultural Debris	7/19/2006	Steel scrap	-		
SEAD-57	57E14-0085	738321.5	1009845	158	Mv	6/28/2006	75	5	2	Cultural Debris	6/29/2006	Trash	Pass	KC	
SEAD-57	57E14-0087	738326.25	1009794.5	155	Mv	6/28/2006	30	5	6	Cultural Debris	6/29/2006	Trash	-		
SEAD-57	57E14-0089	738318	1009844	147	Mv	6/28/2006	85	5	5	Cultural Debris	6/29/2006	Trash	-		
SEAD-57	57E14-0091	738408	1009865	140	Mv	6/21/2006	95	5	4	Cultural Debris	6/27/2006	Trash	-		
SEAD-57	57E14-0104	738293.5	1009874	109	Mv	6/28/2006	55	5	0	Munitions Debris	6/29/2006	Frag	-		
SEAD-57	57E14-0107	738366.5	1009885.75	108	Mv	6/21/2006	80	5	0	Munitions Debris	6/29/2006	Frag	-		
SEAD-57	57E14-0116	738346	1009808.5	101	Mv	6/28/2006	40	5	10	Munitions Debris	6/29/2006	Frag	-		
SEAD-57	57E14-0118	738375.5	1009892.5	100	Mv	6/21/2006	35	5	6	Cultural Debris	6/27/2006	Trash	Pass	KC	
SEAD-57	57E14-0123	738402.25	1009895.25	94	Mv	6/21/2006	45	5	4	Cultural Debris	6/27/2006	Trash	Pass	KC	
SEAD-57	57E14-0127	738463.5	1009782.75	88	Mv	7/5/2006	88	5	14	Cultural Debris	7/19/2006	Steel scrap	-		
SEAD-57	57E14-0129	738430	1009824.5	86	Mv	6/22/2006	35	5	0	Cultural Debris	7/19/2006	Scrap metal	-		
SEAD-57	57E14-0142	738332	1009794.5	75	Mv	6/28/2006	15	5	6	Cultural Debris	6/29/2006	Trash	-		
SEAD-57	57E14-0146	738487.25	1009919	72	Mv	6/28/2006	35	5	8	Cultural Debris	6/29/2006	Trash	-		
SEAD-57	57E14-0161	738494.25	1009925.75	67	Mv	6/28/2006	105	5	5	Cultural Debris	6/29/2006	Trash	-		
SEAD-57	57E14-0168	738335.5	1009890.25	63	Mv	6/22/2006	20	5	0	Munitions Debris	7/19/2006	Small Arms, .50 cal	-		
SEAD-57	57E14-0197	738276.5	1009831.25	54	Mv	6/28/2006	18	5	1	Cultural Debris	6/29/2006	Trash	Pass	KC	
SEAD-57	57E14-0201	738318.25	1009765.25	53	Mv	6/28/2006	31	5	4	Cultural Debris	6/29/2006	Trash	-		
SEAD-57	57E14-0202	738338.25	1009798.5	53	Mv	6/28/2006	30	5	2	Cultural Debris	6/29/2006	Trash	-		
SEAD-57	57E14-0207	738346.5	1009899.5	50	Mv	6/22/2006	25	5	0	Munitions Debris	7/19/2006	Alum MD	-		

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	DGM ¹ and GPS SURVEY					REACQUISITION		DIG RESULTS				QPOST-DIG QC		
	Anomaly ID	Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ³	QC Initials
		Eastings (X)	Northing (Y)											
SEAD-57	57G16-0055	738584.25	1010014.75	182	Mv	6/12/2006	60	5	5	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57G16-0057	738570.5	1010014	171	Mv	6/12/2006	38	5	1	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57G16-0067	738686	1010010.25	139	Mv	6/12/2006	65	5	2	Cultural Debris	6/14/2006	Trash	Pass	KC
SEAD-57	57G16-0068	738593	1010039.75	133	Mv	6/12/2006	68	5	1	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57G16-0073	738649.75	1010017.25	124	Mv	6/12/2006	93	5	5	Munitions Debris	6/14/2006	Frag	-	-
SEAD-57	57G16-0074	738727	1010090.5	115	Mv	6/12/2006	60	5	3	Munitions Debris	6/14/2006	Frag	-	-
SEAD-57	57G16-0075	738530.75	1010024.75	110	Mv	6/12/2006	46	5	5	Munitions Debris	6/14/2006	2.36 rkt mtr	-	-
SEAD-57	57G16-0084	738592.75	1010026.75	88	Mv	6/12/2006	26	5	1	Cultural Debris	6/15/2006	Trash	Pass	KC
SEAD-57	57G16-0094	738649.25	1010056.75	67	Mv	6/12/2006	40	5	2	Munitions Debris	6/14/2006	2.36 rkt mtr	Pass	KC
SEAD-57	57G16-0105	738738.25	1010051.75	60	Mv	6/12/2006	20	5	5	Munitions Debris	6/14/2006	Frag	Pass	KC
SEAD-57	57G16-0108	738638.75	1010021.5	55	Mv	6/12/2006	28	5	3	Cultural Debris	6/14/2006	Trash	Pass	KC
SEAD-57	57G16-0109	738596.75	1010042.5	55	Mv	6/12/2006	12	5	5	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57G16-0112	738712.5	1010095.75	52	Mv	6/12/2006	50	5	2	Munitions Debris	6/14/2006	Frag	-	-
SEAD-57	57104-0010	738805.25	1008642	660	Mv	6/29/2006	355	5	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0014	738807.75	1008651	602	Mv	6/29/2006	571	5	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0015	738793.75	1008621	580	Mv	6/29/2006	373	5	0	Cultural Debris	7/7/2006	Pipe 48" long	-	-
SEAD-57	57104-0020	738751.5	1008691.5	472	Mv	6/29/2006	240	5	0	Cultural Debris	10/24/2006	Scrap metal	Pass	KC
SEAD-57	57104-0026	738816.5	1008744.75	405	Mv	6/29/2006	380	5	4	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0027	738753.75	1008680	380	Mv	6/29/2006	142	5	0	Munitions Debris	7/7/2006	Frag MD	Pass	KC
SEAD-57	57104-0033	738758.25	1008686.5	353	Mv	6/29/2006	203	5	0	Munitions Debris	7/7/2006	Alum MD	Pass	KC
SEAD-57	57104-0037	738767	1008611.25	334	Mv	6/29/2006	210	5	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0038	738807.75	1008631.5	331	Mv	6/29/2006	220	5	6	Munitions Debris	6/15/2006	Alum MD	-	-
SEAD-57	57104-0057	738801.75	1008626.25	222	Mv	6/29/2006	132	5	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0060	738799.25	1008607	214	Mv	6/29/2006	130	5	0	Munitions Debris	7/7/2006	Alum MD	Pass	KC
SEAD-57	57104-0061	738799.5	1008658.5	210	Mv	6/29/2006	95	5	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0064	738801	1008619.5	203	Mv	6/29/2006	170	5	0	Munitions Debris	7/7/2006	Alum MD	Pass	KC
SEAD-57	57104-0067	738765.75	1008606	199	Mv	6/29/2006	253	5	0	Munitions Debris	7/7/2006	Alum MD	Pass	KC
SEAD-57	57104-0069	738793	1008608.75	191	Mv	6/29/2006	168	5	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0070	738778.25	1008696	190	Mv	6/29/2006	109	5	6	Munitions Debris	7/7/2006	Steel MD 2.36 w/H, WP	Pass	KC
SEAD-57	57104-0071	738783.75	1008606.5	186	Mv	6/29/2006	168	5	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0073	738752.75	1008654	179	Mv	6/29/2006	63	5	0	Munitions Debris	7/7/2006	Alum MD	Pass	KC
SEAD-57	57104-0098	738793.75	1008617	139	Mv	6/29/2006	87	5	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0099	738761.25	1008620.75	136	Mv	6/29/2006	80	5	0	Munitions Debris	7/7/2006	Alum MD	Pass	KC
SEAD-57	57104-0103	738769.25	1008629	130	Mv	6/29/2006	120	5	0	MPPEH	8/23/2006	Frag MD and two 20mm OE	-	-
SEAD-57	57104-0116	738772.5	1008613.5	108	Mv	6/29/2006	80	5	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0120	738756.75	1008599.75	105	Mv	6/29/2006	67	5	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0121	738792.5	1008626.25	104	Mv	6/29/2006	30	5	0	Cultural Debris	7/7/2006	Pipe	-	-
SEAD-57	57104-0126	738773.75	1008670.5	95	Mv	6/29/2006	89	5	0	Munitions Debris	7/7/2006	Frag MD	Pass	KC
SEAD-57	57104-0151	738749.5	1008639	74	Mv	6/29/2006	41	5	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0162	738800	1008663	67	Mv	6/29/2006	49	5	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0167	738753.5	1008611.5	65	Mv	6/29/2006	55	5	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0171	738796.75	1008672.5	62	Mv	6/1/2006	58	5	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0185	738788.25	1008686.25	57	Mv	6/29/2006	47	5	8	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0190	738869.25	1008623.5	54	Mv	6/29/2006	65	5	5	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0192	738784.25	1008625.5	52	Mv	6/29/2006	33	5	0	Munitions Debris	7/7/2006	Frag MD	-	-
SEAD-57	57104-0317	738908.5	1008638.25	16	Mv	9/11/2006	16	5	16	Cultural Debris	9/21/2006		-	-
SEAD-57	57114-0012	738753.75	1009967.75	4546	Mv	6/28/2006	3000	5	0	Cultural Debris	7/7/2006	Fense post	Pass	KC
SEAD-57	57114-0018	738767	1009948.75	1736	Mv	6/28/2006	930	5	0	Cultural Debris	7/7/2006	Metal bar 48" long	-	-
SEAD-57	57114-0044	738762.5	1009958.5	657	Mv	6/28/2006	233	5	0	Cultural Debris	7/7/2006	Shipping plug	-	-
SEAD-57	57114-0046	738854	1009903.75	632	Mv	6/22/2006	375	5	10	Cultural Debris	6/27/2006	Trash	-	-
SEAD-57	57114-0054	738818.5	1009971	567	Mv	6/28/2006	154	5	0	Munitions Debris	7/7/2006	Frag MD	-	-
SEAD-57	57114-0057	738801.25	1009887.75	511	Mv	6/22/2006	300	5	2	Munitions Debris	6/27/2006	Frag	-	-
SEAD-57	57114-0070	738857	1009903	435	Mv	6/22/2006	350	5	10	Cultural Debris	6/27/2006	Trash	-	-

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	DGM ¹ and GPS SURVEY					REACQUISITION		DIG RESULTS				QPOST-DIG QC		
	Anomaly ID	Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	57K04-0012	739098	1008645.5	112	Mv	7/10/2006	50	5	3	Munitions Debris	7/10/2006	Frag	Pass	KC
SEAD-57	57K04-0018	739078.25	1008631.25	92	Mv	7/10/2006	50	5	5	Cultural Debris	7/10/2006	Trash	Pass	KC
SEAD-57	57K04-0022	739059.75	1008692.25	78	Mv	7/10/2006	44	5	4	Munitions Debris	7/10/2006	Frag	Pass	KC
SEAD-57	57K04-0023	739077.237	1008732.847	68	Mv	7/10/2006	25	5	2	Munitions Debris	7/10/2006	Frag	-	-
SEAD-57	57K04-0029	739012.25	1008647.5	40	Mv	9/11/2006	40	5	12	Munitions Debris	9/21/2006	Frag	-	-
SEAD-57	57K04-0032	739099.5	1008676.75	37	Mv	9/11/2006	37	5	4	Cultural Debris	9/21/2006	-	-	-
SEAD-57	57K04-0042	739086.5	1008699.25	30	Mv	9/11/2006	30	5	6	Cultural Debris	9/21/2006	-	-	-
SEAD-57	57K12-0104	739102.25	1009690	290	Mv	6/1/2006	999	5	0	Cultural Debris	7/5/2006	Steel wire	-	-
SEAD-57	57K12-0133	739103.75	1009693.25	205	Mv	6/1/2006	999	5	0	Cultural Debris	7/5/2006	Steel scrap	-	-
SEAD-57	57K12-0139	739247.843	1009578.838	196	Mv	8/1/2006	196	5	0	Cultural Debris	8/1/2006	Alum strip	-	-
SEAD-57	57K12-0147	739229.5	1009681.75	177	Mv	6/1/2006	999	5	0	Cultural Debris	6/5/2006	Alum strip	Pass	KC
SEAD-57	57K12-0154	739155.25	1009722.25	171	Mv	6/1/2006	999	5	0	Munitions Debris	6/8/2006	Frag	-	-
SEAD-57	57K12-0196	739250.75	1009639.5	132	Mv	8/1/2006	132	5	0	Cultural Debris	10/24/2006	Can	Pass	KC
SEAD-57	57K12-0197	739161.75	1009717.5	131	Mv	6/1/2006	999	5	0	Munitions Debris	6/5/2006	Frag	-	-
SEAD-57	57K12-0212	739048	1009731.5	122	Mv	8/1/2006	122	5	0	Cultural Debris	8/1/2006	Alum	-	-
SEAD-57	57K12-0225	739234.75	1009550.75	111	Mv	8/1/2006	111	5	0	Cultural Debris	8/1/2006	Wire 5 pieces	Pass	KC
SEAD-57	57K12-0232	739194	1009742.5	104	Mv	6/1/2006	999	5	0	Cultural Debris	6/5/2006	Wire	-	-
SEAD-57	57K12-0237	739094.75	1009717	102	Mv	8/1/2006	102	5	0	Hot Soil	8/1/2006	Steel wire	-	-
SEAD-57	57K12-0270	739156	1009604	82	Mv	6/1/2006	183	5	0	Cultural Debris	7/5/2006	Alum disk	-	-
SEAD-57	57K12-0273	739092.25	1009662.75	78	Mv	8/1/2006	78	5	1	Cultural Debris	10/19/2006	Wire	-	-
SEAD-57	57K12-0291	739137.5	1009627.25	68	Mv	6/1/2006	45	5	0	Cultural Debris	6/8/2006	Alum	-	-
SEAD-57	57K12-0293	739246.5	1009682.5	67	Mv	6/1/2006	999	5	0	Cultural Debris	6/5/2006	Wire	-	-
SEAD-57	57K12-0297	739176.75	1009665.75	63	Mv	6/1/2006	41	5	0	Cultural Debris	6/8/2006	Alum strip 1" x 4"	-	-
SEAD-57	57K12-0301	739004	1009700.25	63	Mv	6/1/2006	28	5	0	Cultural Debris	10/24/2006	wire	-	-
SEAD-57	57K12-0305	739148.25	1009634.75	61	Mv	6/1/2006	67	5	0	Cultural Debris	6/8/2006	Alum strip 1" x 3"	Pass	KC
SEAD-57	57K12-0322	739236.25	1009571.75	53	Mv	6/1/2006	54	5	0	Cultural Debris	7/5/2006	Bolts steel x 3	-	-
SEAD-57	57K14-0034	739079.5	1009759.25	646	Mv	7/19/2006	646	5	3	Cultural Debris	10/26/2006	Trash	-	-
SEAD-57	57K14-0048	739115.25	1009859.75	416	Mv	6/12/2006	272	5	3	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K14-0062	739054.25	1009833.25	344	Mv	6/8/2006	120	5	12	Cultural Debris	6/14/2006	Trash	Pass	KC
SEAD-57	57K14-0105	739079	1009789	197	Mv	6/7/2006	40	5	17	Cultural Debris	10/19/2006	Scrap -same as #287	-	-
SEAD-57	57K14-0157	739114.25	1009752.25	122	Mv	7/19/2006	122	5	14	Cultural Debris	10/26/2006	-	-	-
SEAD-57	57K14-0159	739102.5	1009871.75	119	Mv	6/8/2006	53	5	1	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K14-0180	739015.75	1009957.25	102	Mv	6/8/2006	80	5	12	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K14-0251	739097.25	1009925	63	Mv	6/8/2006	40	5	18	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K14-0267	739235.25	1009819	56	Mv	6/5/2006	10	5	10	Cultural Debris	6/6/2006	Alum	Pass	KC
SEAD-57	57K14-0269	739027	1009810.25	55	Mv	6/12/2006	27	5	3	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K14-0287	739078.25	1009792.25	51	Mv	7/19/2006	21	5	12	Cultural Debris	10/19/2006	Scrap	-	-
SEAD-57	57K14-0292	739005.25	1009795.75	50	Mv	7/19/2006	28	5	4	Munitions Debris	10/26/2006	Frag	-	-
SEAD-57	57K14-0426	739128.75	1009764.5	30	Mv	9/11/2006	30	5	5	Cultural Debris	9/21/2006	Wire	Pass	KC
SEAD-57	57K14-0575	739005.75	1009809	19	Mv	9/11/2006	19	5	24	Cultural Debris	9/21/2006	Nail	Pass	KC
SEAD-57	57K16-0003	739196.5	1010111.25	6534	Mv	6/12/2006	999	5	0	Cultural Debris	8/23/2006	12 foot chain	-	-
SEAD-57	57K16-0012	739077.583	1010174.324	1517	Mv	6/7/2006	560	5	0	Cultural Debris	6/14/2006	Scrap metal 2" x 4"	-	-
SEAD-57	57K16-0026	739176.25	1010137.5	754	Mv	6/7/2006	190	5	0	Cultural Debris	8/23/2006	Metal rod 24" long	-	-
SEAD-57	57K16-0049	739006.25	1010198.75	356	Mv	6/7/2006	240	5	5	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K16-0069	739235.25	1010125.25	147	Mv	6/7/2006	59	5	2	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K16-0070	739101	1010101	145	Mv	6/7/2006	60	5	1	Munitions Debris	6/12/2006	20mm	-	-
SEAD-57	57K16-0091	739146.25	1010097.5	103	Mv	6/7/2006	50	5	0	Cultural Debris	8/23/2006	Elec plug 1" x 2"	-	-
SEAD-57	57K16-0099	739214.25	1010119.25	88	Mv	6/7/2006	80	5	0	Cultural Debris	8/23/2006	Horse shoe 1" x 4"	-	-
SEAD-57	57K16-0100	739055	1010207	84	Mv	6/7/2006	60	5	1	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K16-0101	739109.5	1010076.25	77	Mv	6/7/2006	15	5	4	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K16-0107	739129.75	1010100.75	70	Mv	6/7/2006	44	5	0	Cultural Debris	8/23/2006	Scrap metal 1" x 1"	-	-
SEAD-57	57K16-0111	739001.75	1010184.25	64	Mv	6/7/2006	26	5	4	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K16-0115	739195	1010166.25	59	Mv	6/7/2006	25	5	3	Munitions Debris	8/23/2006	Frag 1" x 3"	-	-

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Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	DGM ¹ and GPS SURVEY					REACQUISITION		DIG RESULTS				QPOST-DIG QC		
	Anomaly ID	Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ³	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	57M16-0034	739320	1010119	173	Mv	6/7/2006	140	5	1	Cultural Debris	6/12/2006	Trash	-	
SEAD-57	57M16-0037	739333	1010151.25	162	Mv	6/6/2006	143	5	0	Cultural Debris	6/10/2006	same as m16-44	-	
SEAD-57	57M16-0040	739325.75	1010023.25	150	Mv	6/6/2006	70	5	5	Cultural Debris	6/12/2006	Trash	-	
SEAD-57	57M16-0044	739333.5	1010148.75	140	Mv	6/6/2006	102	5	0	Cultural Debris	6/10/2006	Cable	-	
SEAD-57	57M16-0050	739304.75	1010105.75	117	Mv	6/6/2006	95	5	0	Cultural Debris	6/10/2006		-	
SEAD-57	57M16-0056	739286.25	1010099	106	Mv	6/6/2006	90	5	0	Munitions Debris	6/8/2006	Frag 1" x 2"	-	
SEAD-57	57M16-0059	739337	1010146.25	103	Mv	6/6/2006	36	5	0	Cultural Debris	6/10/2006	Scrap metal, m16-066 and m16-059 are same item	Pass	KC
SEAD-57	57M16-0065	739328	1010037	92	Mv	6/6/2006	54	5	2	Cultural Debris	6/12/2006	Trash	-	
SEAD-57	57M16-0066	739341	1010146.25	87	Mv	6/6/2006	16	5	0	Cultural Debris	6/10/2006	Scrap metal, m16-066 and m16-059 are same item	-	
SEAD-57	57M16-0068	739428.75	1010031.75	86	Mv	6/7/2006	30	5	0	Munitions Debris	6/10/2006	Frag	-	
SEAD-57	57M16-0070	739307.75	1010110.75	83	Mv	6/6/2006	61	5	2	Cultural Debris	6/12/2006	Trash	-	
SEAD-57	57M16-0071	739317	1010145	83	Mv	6/6/2006	37	5	0	Cultural Debris	6/10/2006	Trash, Same as m16-63	Pass	KC
SEAD-57	57M16-0077	739324.816	1010001.423	75	Mv	6/7/2006	60	5	0	Cultural Debris	6/10/2006		-	
SEAD-57	57M16-0090	739428	1010077.75	64	Mv	6/7/2006	34	5	0	Cultural Debris	6/10/2006	Nail	-	
SEAD-57	57M16-0096	739325.5	1010049.5	55	Mv	6/6/2006	20	5	0	Cultural Debris	6/5/2006	Scrap	Pass	KC
SEAD-57	57M16-0101	739322.75	1010043.25	53	Mv	6/6/2006	10	5	0	Cultural Debris	6/10/2006		-	
SEAD-57	57M16-0191	739350.701	1010125.871	25	Mv	9/11/2006	25	5	22	Cultural Debris	9/21/2006	Washer	Pass	KC
SEAD-57	57M16-0267	739329	1010131	16	Mv	9/11/2006	16	5	14	Cultural Debris	9/21/2006	Lead shotgun slug	Pass	KC
SEAD-57	57M16-0313	739264.25	1010096.75	12	Mv	9/11/2006	12	5	13	Munitions Debris	9/21/2006	Small Arms, .50 cal head	Pass	KC
SEAD-57	57O10-0021	739537.25	1009330.75	42	Mv	9/11/2006	42	5	10	Munitions Debris	9/20/2006	Frag	Pass	KC
SEAD-57	57O10-0030	739528.25	1009306.25	34	Mv	9/11/2006	34	5	6	Munitions Debris	9/20/2006	Frag	Pass	KC
SEAD-57	57O12-0011	739514.75	1009614	575	Mv	6/5/2006	165	5	0	Cultural Debris	6/6/2006	Wire 3', Anomalies O12-0011 and O12-0016 are for same item.	-	
SEAD-57	57O12-0016	739513.5	1009611.75	267	Mv	6/5/2006	150	5	0	Cultural Debris	6/6/2006	Wire 3', Anomalies O12-0011 and O12-0016 are for same item.	-	
SEAD-57	57O12-0060	739507.75	1009707.25	21	Mv	9/11/2006	21	5	25	Munitions Debris	9/20/2006	Frag	Pass	KC
SEAD-57	F08-016	738503.91	1009072.92	12	nT	8/8/2006	12	5	14	Munitions Debris	8/9/2006	Frag	Pass	KC
SEAD-57	F09-018	738603.94	1009186.01	10	nT	8/8/2006	10	5	10	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	F12-004	738540.116	1009501.84	2	nT	10/17/2006	2	5	6	Cultural Debris	10/19/2006		Pass	KC
SEAD-57	F12-037	738602.973	1009557.164	15	nT	10/17/2006	16	5	24	MPPEH	10/19/2006	2.36" rkt head WP	Pass	KC
SEAD-57	G06-001	738724.915	1008811.074	4	nT	9/6/2006	4	5	12	Cultural Debris	9/7/2006		Pass	KC
SEAD-57	G06-030	738743.064	1008798.13	10	nT	9/6/2006	10	5	10	Munitions Debris	9/7/2006	Frag	Pass	KC
SEAD-57	G07-008	738693.155	1008942.65	17	nT	9/6/2006	17	5	6	Munitions Debris	9/7/2006	Frag	Pass	KC
SEAD-57	G07-016	738664.998	1008877.663	28	nT	9/6/2006	28	5	10	Cultural Debris	9/7/2006		Pass	KC
SEAD-57	G07-027	738710.103	1008980.816	46	nT	9/6/2006	46	5	8	Cultural Debris	9/7/2006		Pass	KC
SEAD-57	G07-030	738734.924	1008988.689	9	nT	9/6/2006	9	5	24	Cultural Debris	9/7/2006		Pass	KC
SEAD-57	G08-007	738721.12	1009044.12	12	nT	8/8/2006	12	5	24	Munitions Debris	8/9/2006	Frag	Pass	KC
SEAD-57	G08-024	738649.35	1009093.65	112	nT	8/8/2006	112	5	24	Cultural Debris	8/9/2006	Trash	-	
SEAD-57	G08-042	738729.14	1009096.89	16	nT	8/8/2006	16	5	4	Cultural Debris	8/9/2006	Trash	-	
SEAD-57	G09-015	738630.92	1009126.72	39	nT	8/8/2006	39	5	3	Cultural Debris	8/9/2006	Trash	-	
SEAD-57	G09-028	738743.07	1009210.72	18	nT	8/8/2006	18	5	24	Hot Soil	8/9/2006	Hot Rock	-	
SEAD-57	G10-017	738633.13	1009254.92	20	nT	8/8/2006	20	5	9	Hot Soil	8/9/2006	Hot Rock	-	
SEAD-57	G10-021	738664.63	1009260.55	2	nT	8/8/2006	2	5	13	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	G10-050	738726.12	1009341.82	3	nT	8/8/2006	3	5	24	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	G10-051	738725.05	1009331.77	15	nT	8/8/2006	15	5	14	Cultural Debris	8/10/2006	Trash	-	
SEAD-57	G11-004	738722.93	1009417.2	53	nT	8/8/2006	53	5	20	Munitions Debris	8/10/2006	Frag	-	
SEAD-57	G13-002	738682.395	1009655.746	9	nT	10/17/2006	10	5	14	Hot Soil	10/24/2006	Hot rock	Pass	KC
SEAD-57	H06-011	738781.81	1008768.5	133	nT	8/8/2006	133	5	2	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	H06-015	738808.02	1008753.4	134	nT	8/8/2006	134	5	3	Cultural Debris	8/9/2006	Trash	-	
SEAD-57	H06-016	738819.42	1008753.1	5	nT	8/8/2006	5	5	2	Cultural Debris	8/9/2006	Trash	-	
SEAD-57	H06-019	738795.28	1008770.87	17	nT	8/8/2006	17	5	2	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	H06-025	738847.41	1008782.72	11	nT	8/8/2006	11	5	9	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	H06-027	738873.77	1008757.54	19	nT	8/8/2006	19	5	9	Cultural Debris	8/9/2006	Wire	-	
SEAD-57	H06-029	738855.41	1008798.27	6	nT	8/8/2006	6	5	2	Munitions Debris	8/9/2006	Frag	Pass	KC
SEAD-57	H06-037	738862.37	1008844.62	9	nT	8/8/2006	9	5	5	Cultural Debris	8/9/2006	Trash	-	

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Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ³	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	P57_M06-35	739284	1008982.75	47	Mv	7/7/2006	55	5	2	Munitions Debris	7/10/2006	Frag	-	
SEAD-57	P57_M06-36	739293.5	1008976.75	21	Mv	7/7/2006	37	5	3	Munitions Debris	7/10/2006	Frag	-	
SEAD-57	P57_M06-6	739272	1008924.75	104	Mv	7/7/2006	200	5	3	Cultural Debris	7/10/2006	Wire	-	
SEAD-57	P57_M06-65	739329.25	1008933.25	30	Mv	7/7/2006	30	5	5	Munitions Debris	7/10/2006	Frag	-	
SEAD-57	P57_M06-77	739286.25	1008934	96	Mv	7/7/2006	110	5	2	Munitions Debris	7/10/2006	Frag	-	
SEAD-57	P57K06-103	739025.25	1008807	18	Mv	7/13/2006	33	5	3	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-114	739007	1008836	44	Mv	7/13/2006	48	5	2	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-119	739013	1008856.5	35	Mv	7/13/2006	65	5	1	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-12	739062.75	1008890.75	45	Mv	7/11/2006	60	5	2	Munitions Debris	7/18/2006	MK25 pieces	-	
SEAD-57	P57K06-13	739065.5	1008883	16	Mv	7/11/2006	45	5	3	Munitions Debris	7/18/2006	MK25 pieces	-	
SEAD-57	P57K06-154	739063.75	1008948.25	48	Mv	7/11/2006	55	5	2	Munitions Debris	7/18/2006	MK25 pieces	-	
SEAD-57	P57K06-155	739066.5	1008954.25	18	Mv	7/11/2006	20	5	3	Munitions Debris	7/18/2006	MK25 pieces	-	
SEAD-57	P57K06-157	739060.5	1008959.5	53	Mv	7/11/2006	55	5	2	Munitions Debris	7/18/2006	MK25 pieces	-	
SEAD-57	P57K06-16	739068	1008872.75	61	Mv	7/11/2006	100	5	2	Cultural Debris	7/18/2006	Wire	-	
SEAD-57	P57K06-162	739053.25	1008982.25	49	Mv	7/13/2006	70	5	3	Munitions Debris	7/17/2006	Frag	-	
SEAD-57	P57K06-163	739056	1008987	20	Mv	7/13/2006	45	5	2	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-168	739081	1008992.75	44	Mv	7/12/2006	25	5	2	Munitions Debris	7/18/2006	MK25 pieces	-	
SEAD-57	P57K06-169	739089.5	1008993.5	23	Mv	7/12/2006	55	5	2	Cultural Debris	7/18/2006	Trash	-	
SEAD-57	P57K06-172	739107	1008993	18	Mv	7/12/2006	20	5	3	Munitions Debris	7/18/2006	MK25 pieces	-	
SEAD-57	P57K06-173	739113	1008986.5	59	Mv	7/12/2006	100	5	2	Munitions Debris	7/18/2006	MK25 pieces	Pass	KC
SEAD-57	P57K06-175	739121	1008997	54	Mv	7/12/2006	95	5	2	Munitions Debris	7/18/2006	Frag	-	
SEAD-57	P57K06-176	739132.5	1008998.25	58	Mv	7/12/2006	150	5	2	Cultural Debris	7/18/2006	Trash	-	
SEAD-57	P57K06-179	739121.75	1008990.25	38	Mv	7/12/2006	80	5	2	Munitions Debris	7/18/2006	MK25 pieces	Pass	KC
SEAD-57	P57K06-183	739134	1008979.5	60	Mv	7/12/2006	75	5	2	Munitions Debris	7/18/2006	MK25 pieces	-	
SEAD-57	P57K06-192	739209.5	1008982.25	42	Mv	7/13/2006	55	5	2	Munitions Debris	7/19/2006	MK25 pieces	Pass	KC
SEAD-57	P57K06-216	739213.75	1008930.75	17	Mv	7/13/2006	18	5	2	Munitions Debris	7/19/2006	MK25 pieces	-	
SEAD-57	P57K06-221	739213.75	1008942.75	20	Mv	7/13/2006	25	5	3	Munitions Debris	7/19/2006	Frag	-	
SEAD-57	P57K06-225	739199.8	1008947.47	63	Mv	7/13/2006	60	5	2	Munitions Debris	7/19/2006	MK25 pieces	-	
SEAD-57	P57K06-274	739072.25	1008892.75	50	Mv	7/11/2006	70	5	2	Munitions Debris	7/18/2006	MK25 pieces	-	
SEAD-57	P57K06-299	739105.25	1008966.25	84	Mv	7/12/2006	130	5	3	Munitions Debris	7/18/2006	MK25 pieces	-	
SEAD-57	P57K06-303	739090.75	1008972.75	106	Mv	7/12/2006	110	5	2	Munitions Debris	7/18/2006	MK25 pieces	-	
SEAD-57	P57K06-304	739082	1008972.5	45	Mv	7/12/2006	45	5	2	Munitions Debris	7/18/2006	MK25 pieces	-	
SEAD-57	P57K06-305	739079	1008975.25	62	Mv	7/12/2006	90	5	1	Munitions Debris	7/18/2006	MK25 pieces	-	
SEAD-57	P57K06-317	739072.75	1008942.25	109	Mv	7/11/2006	135	5	2	Munitions Debris	7/18/2006	Frag	-	
SEAD-57	P57K06-58	739070.25	1008842	52	Mv	7/11/2006	60	5	2	Cultural Debris	7/18/2006	Trash	-	
SEAD-57	P57K06-75	739067.75	1008811	117	Mv	7/13/2006	175	5	2	Munitions Debris	7/18/2006	Frag	-	
SEAD-57	P57K06-88	739065	1008771.75	44	Mv	7/13/2006	53	5	3	Munitions Debris	7/18/2006	MK25 pieces	-	
SEAD-57	P57K06-92	739030.75	1008775.5	136	Mv	7/13/2006	150	5	3	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-94	739014	1008758	52	Mv	7/13/2006	50	5	2	Munitions Debris	7/17/2006	Frag	-	
SEAD-57	P57K08-10	739240	1009183.75	44	Mv	7/10/2006	69	5	9	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	P57K08-114	739210	1009172.75	27	Mv	7/10/2006	32	5	8	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	P57K08-117	739215	1009181.5	68	Mv	7/10/2006	72	5	4	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	P57K08-120	739215	1009188.75	60	Mv	7/10/2006	70	5	2	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	P57K08-127	739195.25	1009193.75	77	Mv	7/10/2006	113	5	1	Cultural Debris	7/11/2006	Seed item painted orange	-	
SEAD-57	P57K08-13	739248.75	1009176.5	87	Mv	7/10/2006	90	5	13	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	P57K08-139	739226	1009212.25	45	Mv	7/10/2006	51	5	10	Munitions Debris	7/11/2006	Multiple digs/pieces	-	
SEAD-57	P57K08-142	739217.5	1009219	17	Mv	7/10/2006	40	5	12	Munitions Debris	7/11/2006	Multiple digs/pieces	Pass	KC
SEAD-57	P57K08-143	739209.5	1009217.25	18	Mv	7/10/2006	41	5	18	Munitions Debris	7/11/2006	Multiple digs/pieces	-	
SEAD-57	P57K08-149	739205.25	1009225	100	Mv	7/10/2006	110	5	14	Munitions Debris	7/11/2006	Multiple digs/pieces	-	
SEAD-57	P57K08-154	739209	1009247.75	29	Mv	7/10/2006	72	5	5	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	P57K08-155	739220.25	1009229.5	68	Mv	7/10/2006	70	5	3	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	P57K08-162	739234.25	1009228.25	38	Mv	7/10/2006	76	5	5	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	P57K08-2	739242	1009222.75	55	Mv	7/10/2006	58	5	13	Munitions Debris	7/11/2006	Frag	Pass	KC

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS				QPOST-DIG QC		
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ³	QC Initials
SEAD-57	P57M10-63	739255.5	1009267.25	17	Mv	7/10/2006	50	5	7	Munitions Debris	7/10/2006	Multiple digs /pieces	-	
SEAD-57	P57M10-72	739268.25	1009336	26	Mv	7/10/2006	29	5	20	Munitions Debris	7/10/2006	Small Arms, .50 cal head	-	
SEAD-57	P57M10-74	739273.25	1009353.25	28	Mv	7/10/2006	29	5	24	Munitions Debris	7/10/2006	Frag	-	
SEAD-57	P57M10-75	739264.25	1009372.75	23	Mv	7/10/2006	28	5	10	Munitions Debris	7/10/2006	Frag	-	
SEAD-57	P57M10-84	739264.25	1009446.25	33	Mv	7/10/2006	58	5	8	Cultural Debris	7/10/2006	Trash	-	
SEAD-57	P57M10-86	739262	1009428.75	30	Mv	7/10/2006	67	5	5	Munitions Debris	7/10/2006	Frag	Pass	KC
SEAD-57	P57M10-94	739283.25	1009471.75	20	Mv	7/10/2006	28	5	12	Munitions Debris	7/10/2006	Multiple digs / pieces	-	
SEAD-57	S57_M12_3	739262.25	1009504.75	1054	Mv	7/10/2006	1450	5	3	Cultural Debris	7/10/2006	Car batt	-	
SEAD-57	S57K12-15	739167	1009505.5	63	Mv	7/10/2006	100	5	3	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	S57K12-17	739172	1009502	23	Mv	7/10/2006	35	5	2	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-18	739172	1009504.25	32	Mv	7/10/2006	40	5	1	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	S57K12-19	739170.5	1009505.75	18	Mv	7/10/2006	100	5	4	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	S57K12-21	739177.5	1009510.25	78	Mv	7/10/2006	55	5	3	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-30	739192.25	1009557.75	94	Mv	7/10/2006	85	5	3	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-38	739198	1009523	52	Mv	7/10/2006	68	5	3	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-39	739199.75	1009511	23	Mv	7/10/2006	20	5	2	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-41	739211.02	1009500.47	33	Mv	7/10/2006	120	5	2	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-42	739215	1009513.5	29	Mv	7/10/2006	55	5	3	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-43	739220.75	1009526.75	35	Mv	7/10/2006	25	5	3	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	S57K12-53	739205.25	1009563.5	45	Mv	7/10/2006	85	5	3	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	S57K12-56	739187.25	1009580.25	22	Mv	7/10/2006	30	5	3	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-8	739163	1009537.5	33	Mv	7/10/2006	75	5	3	Munitions Debris	7/11/2006	Frag	-	
SEAD-57 Buffer	A14-003	738011	1009890.75	26	mV	9/28/2006	26	5	6	Cultural Debris	10/9/2006		-	
SEAD-57 Buffer	A14-007	737995.25	1009894	28	mV	9/28/2006	28	5	7	Cultural Debris	10/9/2006		Pass	KC
SEAD-57 Buffer	A14-008	737991.5	1009909.25	36	mV	9/28/2006	36	5	6	Cultural Debris	10/9/2006		-	
SEAD-57 Buffer	A14-012	737940	1009930.25	113	mV	9/28/2006	113	5	6	Munitions Debris	10/10/2006	Frag	Pass	KC
SEAD-57 Buffer	A14-023	737973.25	1009865.75	34	mV	9/28/2006	34	5	8	Cultural Debris	10/9/2006		Pass	KC
SEAD-57 Buffer	A14-025	738002.5	1009850.75	17	mV	9/28/2006	17	5	6	Cultural Debris	10/9/2006		Pass	KC
SEAD-57 Buffer	A14-026	738002.75	1009844.25	39	mV	9/28/2006	39	5	24	Cultural Debris	10/9/2006		Pass	KC
SEAD-57 Buffer	A14-027	738008.75	1009844.5	252	mV	9/28/2006	252	5	24	Cultural Debris	10/9/2006		Pass	KC
SEAD-57 Buffer	A14-028	738019.5	1009847.25	19	mV	9/28/2006	19	5	24	Cultural Debris	10/9/2006		Pass	KC
SEAD-57 Buffer	A14-033	738036.5	1009866.25	38	mV	9/28/2006	38	5	3	Cultural Debris	10/9/2006		Pass	KC
SEAD-57 Buffer	A14-035	738046.25	1009867.75	22	mV	9/28/2006	22	5	5	Cultural Debris	10/9/2006		Pass	KC
SEAD-57 Buffer	A14-038	738055.25	1009875	113	mV	9/28/2006	113	5	10	Cultural Debris	10/9/2006		Pass	KC
SEAD-57 Buffer	A14-039	738054.46	1009871.56	178	mV	9/28/2006	178	5	24	Cultural Debris	10/9/2006		Pass	KC
SEAD-57 Buffer	A14-045	738047	1009847.5	34	mV	9/28/2006	34	5	18	Cultural Debris	10/5/2006		Pass	KC
SEAD-57 Buffer	A14-048	738070.25	1009841	57	mV	9/28/2006	57	5	2	Munitions Debris	10/5/2006	Frag	-	
SEAD-57 Buffer	A14-057	738105.92	1009825.18	102	mV	9/28/2006	102	5	24	Cultural Debris	10/5/2006		Pass	KC
SEAD-57 Buffer	A14-058	738102.75	1009822	273	mV	9/28/2006	273	5	24	Cultural Debris	10/5/2006		Pass	KC
SEAD-57 Buffer	A14-060	738089.25	1009824.25	243	mV	9/28/2006	243	5	24	Cultural Debris	10/5/2006		Pass	KC
SEAD-57 Buffer	A14-061	738085.75	1009826.5	220	mV	9/28/2006	220	5	20	Cultural Debris	10/5/2006		Pass	KC
SEAD-57 Buffer	A14-077	737965.55	1009822.9	21	mV	9/28/2006	21	5	3	Cultural Debris	10/10/2006		Pass	KC
SEAD-57 Buffer	A14-078	737962.5	1009830.75	164	mV	9/28/2006	164	5	14	Cultural Debris	10/10/2006		Pass	KC
SEAD-57 Buffer	A14-082	737952.25	1009860	17	mV	9/28/2006	17	5	10	Cultural Debris	10/10/2006		Pass	KC
SEAD-57 Buffer	A14-083	737957	1009846.75	40	mV	9/28/2006	40	5	8	Cultural Debris	10/10/2006		Pass	KC
SEAD-57 Buffer	A14-088	737926.25	1009810	40	mV	9/28/2006	40	5	10	Cultural Debris	10/4/2006	Scrap metal	Pass	KC
SEAD-57 Buffer	A14-093	737893.25	1009838.75	25	mV	9/28/2006	25	5	3	Cultural Debris	10/10/2006		-	
SEAD-57 Buffer	A14-097	737915.67	1009834.98	100	mV	9/28/2006	100	5	12	Cultural Debris	10/10/2006		Pass	KC
SEAD-57 Buffer	A14-100	737920	1009832	18	mV	9/28/2006	18	5	6	Cultural Debris	10/4/2006	2 large washers, 2 digs	Pass	KC
SEAD-57 Buffer	A14-103	737936.14	1009837.78	27	mV	9/28/2006	27	5	8	Cultural Debris	10/4/2006	Steel Rod	Pass	KC
SEAD-57 Buffer	A14-132	738026	1009988.5	18	mV	9/28/2006	18	5	0	Cultural Debris	10/24/2006	Scrap metal	-	
SEAD-57 Buffer	A14-139	738038.5	1009957.75	56	mV	9/28/2006	56	5	2	Munitions Debris	10/9/2006	Frag	Pass	KC
SEAD-57 Buffer	A14-142	738063.5	1009998	22	mV	9/28/2006	22	5	4	Cultural Debris	10/5/2006		Pass	KC

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Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS				QPOST-DIG QC		
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (In)	Location Offset (In)	Type	Date	Item Description	QC Code ³	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57 Buffer	G16-002	738736.5	1010185.75	87	mV	9/26/2006	87	5	3	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G16-003	738761.5	1010211	48	mV	9/26/2006	48	5	3	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G16-004	738822.5	1010248.75	32	mV	9/26/2006	32	5	18	Munitions Debris	10/2/2006	Frag	-	-
SEAD-57 Buffer	G16-005	738831	1010205.25	70	mV	9/26/2006	70	5	3	Munitions Debris	10/2/2006	frag	Pass	KC
SEAD-57 Buffer	G16-009	738742	1010163	61	mV	9/26/2006	61	5	4	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G16-021	738630.25	1010194.25	60	mV	9/26/2006	60	5	1	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G16-033	738723.75	1010246.75	47	mV	9/26/2006	47	5	5	Munitions Debris	10/3/2006	Frag	-	-
SEAD-57 Buffer	G18-003	738699	1010336.25	63	mV	9/26/2006	63	5	9	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G18-007	738686.75	1010319.25	86	mV	9/26/2006	86	5	8	Cultural Debris	10/3/2006	Scrap metal	Pass	KC
SEAD-57 Buffer	G18-012	738640.25	1010314.25	24	mV	9/26/2006	24	5	9	Cultural Debris	10/3/2006	Scrap metal	Pass	KC
SEAD-57 Buffer	G18-032	738782	1010289	19	mV	9/26/2006	19	5	14	MPPEH	10/3/2006	20 mm head	-	-
SEAD-57 Buffer	G18-033	738810.75	1010322.5	95	mV	9/26/2006	95	5	8	Munitions Debris	10/3/2006	Flare piece	-	-
SEAD-57 Buffer	G18-038	738774.75	1010321	79	mV	9/26/2006	79	5	13	Munitions Debris	10/3/2006	Frag	-	-
SEAD-57 Buffer	G18-042	738726.25	1010316.5	17	mV	9/27/2006	17	5	10	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G18-043	738717.75	1010316.75	40	mV	9/27/2006	40	5	10	Munitions Debris	10/3/2006	Frag, 2 digs, 1 piece of aluminum	Pass	KC
SEAD-57 Buffer	I18-003	738889	1010343.25	69	mV	9/26/2006	69	5	6	Munitions Debris	10/2/2006	Frag	-	-
SEAD-57 Buffer	I18-011	738962.5	1010355.75	158	mV	9/26/2006	158	5	12	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	I18-014	739004.25	1010343.25	72	mV	9/26/2006	72	5	5	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	I18-019	738970	1010309.25	32	mV	9/26/2006	32	5	5	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	I18-026	739078.75	1010320	730	mV	9/26/2006	730	5	8	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	I18-032	739120.25	1010312.75	59	mV	9/26/2006	59	5	4	Munitions Debris	10/2/2006	Frag	-	-
SEAD-57 Buffer	K16-007	739229.75	1010223.5	17	mV	9/26/2006	17	5	3	Cultural Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	K18-014	739157.56	1010292.75	25	mV	9/26/2006	25	5	4	Munitions Debris	10/2/2006	Frag	-	-
SEAD-57 Buffer	K18-016	739135.5	1010271.75	31	mV	9/26/2006	31	5	3	Munitions Debris	10/2/2006	Frag	-	-
SEAD-57 Buffer	K18-041	739353.5	1010318.75	20	mV	9/26/2006	20	5	5	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	K18-048	739362.5	1010442.75	46	mV	9/26/2006	46	5	9	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	K18-049	739316.5	1010448.25	21	mV	9/26/2006	21	5	3	Munitions Debris	10/2/2006	Frag	-	-
SEAD-57 Buffer	K18-050	739298.6	1010474.03	29	mV	9/26/2006	29	5	10	Munitions Debris	10/2/2006	2.36 in. fuze [empty]	Pass	KC
SEAD-57 Buffer	K18-061	739325.5	1010378.25	50	mV	9/26/2006	50	5	5	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	K18-071	739195.75	1010420	276	mV	9/26/2006	276	5	13	Munitions Debris	10/2/2006	Frag	-	-
SEAD-57 Buffer	M18-008	739421.25	1010258.75	106	mV	9/26/2006	106	5	9	Munitions Debris	9/28/2006	Frag	Pass	KC
SEAD-57 Buffer	X18-003	737831.49	1010307.27	28	mV	10/2/2006	27	5	25	Munitions Debris	10/9/2006	Frag	Pass	KC
SEAD-57	57C14-0026	738170	1009757.5	2388	Mv	6/14/2006	611	4	3	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0041	738248.079	1009877.847	272	Mv	6/14/2006	156	4	18	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0045	738228.75	1009759.75	335	Mv	6/14/2006	205	4	2	Munitions Debris	6/15/2006	Frag	-	-
SEAD-57	57C14-0066	738218.75	1009756	158	Mv	6/14/2006	202	4	8	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0070	738177.25	1009756	142	Mv	6/14/2006	69	4	12	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0078	738197.25	1009883.25	120	Mv	6/14/2006	41	4	24	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57C14-0085	738209.5	1009762.75	113	Mv	6/14/2006	50	4	6	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0086	738232.75	1009874.75	109	Mv	6/14/2006	16	4	2	Cultural Debris	6/15/2006	Trash	Pass	KC
SEAD-57	57C14-0090	738161.25	1009836	95	Mv	6/14/2006	38	4	10	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0093	738178.25	1009869.75	90	Mv	6/14/2006	33	4	4	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0102	738249.25	1009885.75	73	Mv	6/14/2006	81	4	12	Munitions Debris	6/15/2006	Frag	-	-
SEAD-57	57C14-0103	738226.5	1009806	73	Mv	6/14/2006	40	4	2	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0107	738218	1009751.25	64	Mv	6/14/2006	69	4	0	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0110	738171.25	1009836.5	60	Mv	6/14/2006	20	4	4	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0115	738093.25	1009774.5	55	Mv	6/14/2006	140	4	18	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0118	738154.75	1009823.75	54	Mv	6/14/2006	30	4	4	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0128	738147.5	1009841	50	Mv	6/14/2006	10	4	8	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0129	738156	1009860.5	49	Mv	9/11/2006	49	4	2	Cultural Debris	9/21/2006	Frag	Pass	KC
SEAD-57	57C14-0180	738128.75	1009752.75	28	Mv	9/11/2006	28	4	6	Cultural Debris	9/20/2006	Frag	-	-
SEAD-57	57E04-0004	738490.5	1008641	39	Mv	9/11/2006	39	4	6	Munitions Debris	9/20/2006	MK25 pieces	Pass	KC
SEAD-57	57E06-0007	738497.25	1008964	201	Mv	6/22/2006	90	4	1	Munitions Debris	6/26/2006	Frag	-	-

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		Depth (in)	Location Offset (in)	Type	Date	DIG RESULTS Item Description	QPOST-DIG QC Code	QC Initials
		Location (ft)		Amp ²	Amp Unit	Date	Amp							
		Eastings (X)	Northing (Y)											
SEAD-57	57E10-0142	738494.25	1009435	132	Mv	6/27/2006	104	4	2	Munitions Debris	6/28/2006	Frag	-	
SEAD-57	57E10-0150	738495.5	1009310	124	Mv	6/27/2006	65	4	5	Munitions Debris	6/28/2006	Frag	-	
SEAD-57	57E10-0155	738483	1009373.75	120	Mv	6/28/2006	91	4	0	Munitions Debris	6/28/2006	Alum MD	-	
SEAD-57	57E10-0157	738487.5	1009386.75	119	Mv	6/28/2006	70	4	0	Munitions Debris	6/28/2006	Alum MD	-	
SEAD-57	57E10-0162	738464	1009360.25	118	Mv	6/27/2006	85	4	0	Munitions Debris	6/28/2006	Alum MD	-	
SEAD-57	57E10-0165	738490.75	1009490.5	116	Mv	6/27/2006	91	4	0	Munitions Debris	7/6/2006	Alum MD	-	
SEAD-57	57E10-0166	738453	1009311.5	114	Mv	6/27/2006	93	4	3	Munitions Debris	6/27/2006	Alum MD 3"	-	
SEAD-57	57E10-0170	738492.5	1009347.25	111	Mv	6/28/2006	45	4	7	Munitions Debris	7/17/2006	Alum MD	-	
SEAD-57	57E10-0179	738452	1009274.75	106	Mv	6/27/2006	70	4	4	Munitions Debris	6/5/2006	Alum MD	-	
SEAD-57	57E10-0181	738497.25	1009457.75	105	Mv	6/27/2006	54	4	3	Munitions Debris	6/28/2006	Frag	-	
SEAD-57	57E10-0183	738500	1009411.25	104	Mv	6/28/2006	105	4	0	Munitions Debris	6/28/2006	Alum MD	Pass	
SEAD-57	57E10-0185	738463	1009288	103	Mv	6/27/2006	72	4	1	Munitions Debris	7/7/2006	Alum MD	KC	
SEAD-57	57E10-0187	738473	1009346	103	Mv	7/5/2006	103	4	4	Munitions Debris	7/17/2006	Alum MD	-	
SEAD-57	57E10-0190	738486.25	1009269	101	Mv	6/22/2006	52	4	0	Munitions Debris	7/6/2006	Alum MD	-	
SEAD-57	57E10-0191	738480.75	1009251.5	101	Mv	6/27/2006	110	4	4	Munitions Debris	7/7/2006	Alum MD	-	
SEAD-57	57E10-0192	738481.25	1009432	101	Mv	6/28/2006	94	4	0	Munitions Debris	6/28/2006	Alum MD	-	
SEAD-57	57E10-0201	738455	1009292.75	92	Mv	6/27/2006	99	4	4	Munitions Debris	7/7/2006	Alum MD	-	
SEAD-57	57E10-0204	738457	1009337.5	89	Mv	6/28/2006	54	4	4	Munitions Debris	7/17/2006	Alum MD	-	
SEAD-57	57E10-0209	738470.75	1009353	87	Mv	6/27/2006	99	4	0	Munitions Debris	6/28/2006	Alum MD	-	
SEAD-57	57E10-0228	738488.75	1009291.5	76	Mv	6/27/2006	41	4	6	Munitions Debris	6/27/2006	Alum MD 3"	-	
SEAD-57	57E10-0229	738454.75	1009258	76	Mv	6/27/2006	54	4	3	Munitions Debris	6/5/2006	Alum MD	-	
SEAD-57	57E10-0231	738484.75	1009310.5	72	Mv	6/27/2006	41	4	8	Munitions Debris	6/28/2006	Frag	-	
SEAD-57	57E10-0232	738491.5	1009426.5	71	Mv	6/28/2006	78	4	0	Munitions Debris	6/28/2006	Alum MD	-	
SEAD-57	57E10-0234	738475.5	1009286.5	68	Mv	6/22/2006	43	4	0	Munitions Debris	7/6/2006	Alum MD	-	
SEAD-57	57E10-0240	738499.963	1009280.281	60	Mv	6/27/2006	90	4	3	Munitions Debris	7/7/2006	Alum MD	Pass	
SEAD-57	57E10-0244	738473	1009318.75	51	Mv	6/27/2006	69	4	7	Munitions Debris	7/7/2006	Alum MD	KC	
SEAD-57	57E10-0249	738455	1009432	44	Mv	9/11/2006	44	4	8	Munitions Debris	9/20/2006	Frag	Pass	
SEAD-57	57E10-0254	738464.5	1009328.25	40	Mv	9/11/2006	40	4	4	Munitions Debris	9/20/2006	Frag	Pass	
SEAD-57	57E10-0259	738477.75	1009488.5	36	Mv	9/11/2006	36	4	10	Munitions Debris	9/20/2006	Frag	Pass	
SEAD-57	57E10-0306	738456.75	1009396.75	17	Mv	9/11/2006	17	4	24	Munitions Debris	9/20/2006	Disk	Pass	
SEAD-57	57E12-0006	738467.75	1009612.25	808	Mv	7/5/2006	80	4	1	Munitions Debris	7/7/2006	Frag	Pass	
SEAD-57	57E12-0007	738434	1009655.25	690	Mv	6/29/2006	330	4	10	Cultural Debris	7/7/2006	Trash	-	
SEAD-57	57E12-0008	738434.25	1009652.75	681	Mv	6/28/2006	3000	4	7	Cultural Debris	7/7/2006	Trash	-	
SEAD-57	57E12-0013	738475	1009642.5	322	Mv	6/29/2006	150	4	2	Munitions Debris	7/7/2006	Multiple digs / pieces	Pass	
SEAD-57	57E12-0016	738499.5	1009566	280	Mv	7/5/2006	90	4	5	Munitions Debris	7/7/2006	Multiple digs/pieces	-	
SEAD-57	57E12-0020	738450.5	1009621.75	252	Mv	6/29/2006	100	4	8	Munitions Debris	7/7/2006	Frag + aluminum piece	-	
SEAD-57	57E12-0023	738445.5	1009588.5	245	Mv	7/5/2006	90	4	6	Munitions Debris	7/7/2006	Frag	-	
SEAD-57	57E12-0030	738469.75	1009662.5	221	Mv	6/29/2006	125	4	5	Munitions Debris	7/7/2006	Frag	-	
SEAD-57	57E12-0040	738497.75	1009583.75	198	Mv	7/5/2006	105	4	5	Munitions Debris	7/7/2006	Also 1 ea. grenade spoon.	-	
SEAD-57	57E12-0045	738456.25	1009574.5	179	Mv	7/5/2006	85	4	1	Munitions Debris	7/7/2006	Frag	-	
SEAD-57	57E12-0053	738447.5	1009636	159	Mv	6/29/2006	80	4	4	Munitions Debris	7/7/2006	Multiple digs / pieces	-	
SEAD-57	57E12-0055	738454.5	1009744	155	Mv	6/28/2006	64	4	4	Cultural Debris	7/7/2006	Trash	-	
SEAD-57	57E12-0057	738465.25	1009518.5	153	Mv	7/5/2006	80	4	4	Munitions Debris	7/7/2006	Multiple pieces	-	
SEAD-57	57E12-0062	738484.5	1009512	143	Mv	7/5/2006	80	4	2	Munitions Debris	7/7/2006	Frag	-	
SEAD-57	57E12-0069	738485.25	1009677	138	Mv	6/29/2006	85	4	8	Munitions Debris	7/7/2006	Frag	-	
SEAD-57	57E12-0075	738488.5	1009570	128	Mv	7/5/2006	90	4	5	Munitions Debris	7/7/2006	Multiple digs/pieces	-	
SEAD-57	57E12-0078	738480.75	1009573.5	123	Mv	7/5/2006	75	4	3	Munitions Debris	7/7/2006	Frag	Pass	
SEAD-57	57E12-0086	738470.5	1009534.25	117	Mv	7/5/2006	75	4	3	Munitions Debris	7/7/2006	Frag	-	
SEAD-57	57E12-0088	738456.5	1009554	111	Mv	7/5/2006	100	4	2	Munitions Debris	7/7/2006	Frag	Pass	
SEAD-57	57E12-0093	738445	1009572	105	Mv	7/5/2006	80	4	6	Munitions Debris	7/7/2006	Multiple digs/pieces	-	
SEAD-57	57E12-0100	738452.5	1009745.5	87	Mv	6/28/2006	54	4	6	Cultural Debris	7/7/2006	Trash	-	
SEAD-57	57E12-0104	738484.5	1009732.25	85	Mv	6/29/2006	60	4	3	Cultural Debris	7/7/2006	Trash	-	
SEAD-57	57E12-0105	738499.5	1009618.75	82	Mv	7/5/2006	75	4	4	Munitions Debris	7/7/2006	Frag	-	

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY			Amp Unit	REACQUISITION		DIG RESULTS				QPOST-DIG QC Code	QC Initials	
		Location (ft) Easting (X) Northing (Y)	Amp ¹	Date		Amp	Depth (In)	Location Offset (In)	Type	Date	Item Description			
SEAD-57	57E16-0005	738489.93	1010026.791	213	Mv	6/21/2006	40	4	2	Cultural Debris	6/22/2006	Trash	Pass	KC
SEAD-57	57E16-0024	738473.75	1010010	32	Mv	9/11/2006	32	4	10	Munitions Debris	9/25/2006	Frag	Pass	KC
SEAD-57	57E16-0025	738482.25	1010048.75	30	Mv	9/11/2006	30	4	8	Munitions Debris	9/25/2006	Frag	Pass	KC
SEAD-57	57E16-0026	738464.226	1010065.346	26	Mv	9/11/2006	26	4	24	Munitions Debris	9/25/2006	Frag	Pass	KC
SEAD-57	57E16-0045	738451.25	1010025	15	Mv	9/11/2006	15	4	20	Munitions Debris	9/25/2006	Frag	Pass	KC
SEAD-57	57G04-0006	738733	1008669.5	461	Mv	6/20/2006	500	4	10	Munitions Debris	6/21/2006	75mm base with pusher plate still in place	-	-
SEAD-57	57G04-0010	738745	1008707	360	Mv	6/20/2006	240	4	1	Munitions Debris	6/20/2006	Steel MD	-	-
SEAD-57	57G04-0014	738675.5	1008605.75	292	Mv	6/20/2006	110	4	0	Cultural Debris	6/20/2006	Alum	-	-
SEAD-57	57G04-0017	738738	1008746	262	Mv	6/20/2006	140	4	8	Cultural Debris	6/20/2006	Steel scrap	-	-
SEAD-57	57G04-0027	738740.25	1008644.25	200	Mv	6/20/2006	105	4	6	Cultural Debris	6/21/2006	Trash	Pass	KC
SEAD-57	57G04-0030	738687.75	1008610.5	194	Mv	6/20/2006	25	4	0	MPPEH	6/20/2006	2.36 rkt wp Nose cone	-	-
SEAD-57	57G04-0033	738738	1008623.5	189	Mv	6/20/2006	150	4	0	Cultural Debris	10/24/2006	Metal stripe	Pass	KC
SEAD-57	57G04-0038	738531	1008615.75	175	Mv	6/20/2006	115	4	24	Cultural Debris	6/20/2006	Steel scrap	-	-
SEAD-57	57G04-0049	738537.75	1008634.75	157	Mv	6/20/2006	105	4	5	Cultural Debris	6/20/2006	Steel scrap. Anomalies G04-0066 and G04-0049 are the same item.	-	-
SEAD-57	57G04-0054	738735.75	1008674.75	150	Mv	6/20/2006	185	4	0	Cultural Debris	10/24/2006	Wire	-	-
SEAD-57	57G04-0066	738541.25	1008635.75	129	Mv	6/20/2006	55	4	7	Cultural Debris	6/20/2006	Steel scrap. Anomalies G04-0066 and G04-0049 are the same item.	-	-
SEAD-57	57G04-0079	738695.25	1008697.75	116	Mv	6/20/2006	120	4	2	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0084	738589.5	1008670.25	110	Mv	6/20/2006	25	4	8	Munitions Debris	6/20/2006	Steel MD	-	-
SEAD-57	57G04-0097	738677.5	1008739.75	101	Mv	6/20/2006	60	4	3	Munitions Debris	6/20/2006	Alum MD	-	-
SEAD-57	57G04-0100	738741.25	1008627	99	Mv	6/20/2006	100	4	10	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0113	738666.75	1008612	88	Mv	6/20/2006	50	4	0	Cultural Debris	6/20/2006	Alum	-	-
SEAD-57	57G04-0115	738725.75	1008730.5	86	Mv	6/20/2006	50	4	2	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0116	738749.5	1008654	85	Mv	6/20/2006	35	4	0	Munitions Debris	6/21/2006	Frag	Pass	KC
SEAD-57	57G04-0117	738556	1008605.75	82	Mv	6/20/2006	70	4	6	Munitions Debris	6/20/2006	Steel MD Frag	-	-
SEAD-57	57G04-0118	738724	1008714.25	82	Mv	6/20/2006	50	4	6	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0119	738681.5	1008632.5	81	Mv	6/20/2006	70	4	0	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0120	738736.5	1008655	80	Mv	6/20/2006	45	4	6	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0121	738723.5	1008607.5	80	Mv	6/20/2006	80	4	0	Cultural Debris	6/20/2006	Alum	-	-
SEAD-57	57G04-0122	738678.5	1008616.5	79	Mv	6/20/2006	55	4	0	Cultural Debris	6/20/2006	Alum	-	-
SEAD-57	57G04-0123	738705	1008604	79	Mv	6/20/2006	35	4	0	Cultural Debris	6/20/2006	Alum	-	-
SEAD-57	57G04-0124	738725.25	1008602.25	78	Mv	6/20/2006	85	4	0	Cultural Debris	6/20/2006	Alum	-	-
SEAD-57	57G04-0127	738703	1008688.75	76	Mv	6/20/2006	85	4	3	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0129	738679.5	1008674.5	76	Mv	6/20/2006	80	4	1	Munitions Debris	6/21/2006	Frag	Pass	KC
SEAD-57	57G04-0133	738727	1008618.25	74	Mv	6/20/2006	100	4	20	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0147	738716.5	1008627.75	62	Mv	6/20/2006	110	4	3	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0152	738705.75	1008612.25	57	Mv	6/20/2006	35	4	0	Cultural Debris	6/20/2006	Alum	-	-
SEAD-57	57G04-0155	738717	1008647.25	56	Mv	6/20/2006	25	4	4	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0167	738746.5	1008661.5	49	Mv	9/11/2006	49	4	8	Munitions Debris	9/21/2006	Frag	-	-
SEAD-57	57G04-0212	738705.75	1008734.5	35	Mv	9/11/2006	35	4	5	Munitions Debris	9/21/2006	Frag	-	-
SEAD-57	57G04-0224	738682.5	1008622.5	33	Mv	9/11/2006	33	4	6	Munitions Debris	9/21/2006	Frag	-	-
SEAD-57	57G04-0263	738740.25	1008663.5	22	Mv	9/11/2006	22	4	6	Munitions Debris	9/21/2006	frag	-	-
SEAD-57	57G04-0274	738720.25	1008725.5	19	Mv	9/11/2006	19	4	12	Munitions Debris	9/21/2006	Frag	-	-
SEAD-57	57G14-0004	738606.75	1009943	188967	Mv	7/11/2006	5000	4	10	Cultural Debris	7/12/2006	Truck wheel run did not remove	-	-
SEAD-57	57G14-0018	738632.25	1009980.25	3270	Mv	7/11/2006	3600	4	12	Cultural Debris	10/26/2006	Found 2in pipe	-	-
SEAD-57	57G14-0020	738679.75	1009856.25	3145	Mv	6/13/2006	1533	4	8	Cultural Debris	6/20/2006	Trash	Pass	KC
SEAD-57	57G14-0024	738657.25	1009791.5	2295	Mv	6/13/2006	1300	4	3	Cultural Debris	6/20/2006	Trash	-	-
SEAD-57	57G14-0030	738510.75	1009868	1853	Mv	6/13/2006	816	4	8	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0038	738650.5	1009835	1584	Mv	6/13/2006	765	4	8	Cultural Debris	6/20/2006	Trash	Pass	KC
SEAD-57	57G14-0040	738582	1009984.75	1504	Mv	6/13/2006	3000	4	2	Cultural Debris	6/15/2006	Trash	Pass	KC
SEAD-57	57G14-0043	738509	1009870.75	1367	Mv	6/13/2006	462	4	8	Cultural Debris	6/19/2006	Trash	Pass	KC
SEAD-57	57G14-0055	738560.75	1009947.5	1016	Mv	6/13/2006	310	4	2	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0056	738567.5	1009893	1000	Mv	6/13/2006	431	4	8	Cultural Debris	6/19/2006	Trash	Pass	KC
SEAD-57	57G14-0065	738642.75	1009980	802	Mv	7/11/2006	12	4	0	Cultural Debris	8/23/2006	Wire	-	-

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Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC QC Code	QC Initials
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (In)	Location Offset (In)	Type	Date	Item Description		
Easting (X)	Northing (Y)													
SEAD-57	57G14-0347	738577.25	1009751	73	Mv	6/14/2006	32	4	3	Munitions Debris	6/19/2006	Frag	-	
SEAD-57	57G14-0353	738544.75	1009952.25	71	Mv	6/13/2006	21	4	10	Munitions Debris	6/19/2006	Frag	-	
SEAD-57	57G14-0362	738604.75	1009761.5	69	Mv	6/13/2006	58	4	6	Munitions Debris	6/19/2006	Frag	-	
SEAD-57	57G14-0365	738508	1009753	68	Mv	6/14/2006	40	4	6	Cultural Debris	6/19/2006	Trash	-	
SEAD-57	57G14-0368	738594.5	1009763.25	67	Mv	6/13/2006	30	4	5	Munitions Debris	6/19/2006	Frag	-	
SEAD-57	57G14-0370	738500.5	1009787.25	66	Mv	6/14/2006	90	4	3	Cultural Debris	6/19/2006	Trash	-	
SEAD-57	57G14-0372	738640.5	1009998.25	66	Mv	7/11/2006	33	4	2	Cultural Debris	7/12/2006	Trash	-	
SEAD-57	57G14-0375	738721.75	1009868.75	65	Mv	6/13/2006	45	4	0	Cultural Debris	10/24/2006	Nail	-	
SEAD-57	57G14-0381	738727.25	1009775	63	Mv	6/13/2006	56	4	4	Cultural Debris	6/15/2006	Trash	Pass	KC
SEAD-57	57G14-0385	738504	1009919	62	Mv	6/13/2006	21	4	2	Cultural Debris	6/19/2006	Trash	-	
SEAD-57	57G14-0388	738682.75	1009968.25	62	Mv	6/14/2006	66	4	2	Cultural Debris	6/19/2006	Trash	-	
SEAD-57	57G14-0392	738509	1009782.75	61	Mv	6/14/2006	15	4	0	Cultural Debris	10/24/2006	Bolt	-	
SEAD-57	57G14-0397	738670.5	1009995	61	Mv	7/11/2006	31	4	3	Cultural Debris	7/12/2006	Wire	-	
SEAD-57	57G14-0405	738743.75	1009855.25	58	Mv	6/13/2006	37	4	20	Munitions Debris	6/20/2006	Frag	-	
SEAD-57	57G14-0414	738744	1009974.25	55	Mv	6/14/2006	0	4	20	Cultural Debris	6/20/2006	Trash	Pass	KC
SEAD-57	57G14-0422	738646.5	1009766.25	54	Mv	6/13/2006	30	4	6	Munitions Debris	6/20/2006	Frag	Pass	KC
SEAD-57	57G14-0427	738524	1009755.5	53	Mv	6/14/2006	44	4	10	Cultural Debris	6/19/2006	Trash	-	
SEAD-57	57G14-0436	738603.75	1009764	51	Mv	6/13/2006	53	4	6	Munitions Debris	6/19/2006	Frag	-	
SEAD-57	57G14-0441	738685.917	1009995.663	50	Mv	7/11/2006	29	4	2	Cultural Debris	7/12/2006	wire	-	
SEAD-57	57G14-0453	738500.5	1009921	47	Mv	9/11/2006	47	4	6	Cultural Debris	9/25/2006		Pass	KC
SEAD-57	57G14-0459	738536	1009848.5	46	Mv	9/11/2006	46	4	8	Munitions Debris	9/25/2006	Frag	Pass	KC
SEAD-57	57G14-0480	738507	1009766	42	Mv	9/11/2006	42	4	24	Munitions Debris	9/25/2006	Small Amns, Blank round	Pass	KC
SEAD-57	57G14-0512	738723	1009780.75	37	Mv	9/11/2006	37	4	5	Munitions Debris	9/25/2006	Frag	-	
SEAD-57	57G14-0993	738685	1009845.75	12	Mv	9/11/2006	12	4	6	Munitions Debris	9/25/2006	Frag	-	
SEAD-57	57G16-0007	738659.75	1010114.5	3057	Mv	6/12/2006	460	4	2	Cultural Debris	6/14/2006	Trash	Pass	KC
SEAD-57	57G16-0034	738718.25	1010133.5	360	Mv	6/12/2006	193	4	2	Munitions Debris	6/14/2006	Frag	-	
SEAD-57	57G16-0038	738638.25	1010011.5	296	Mv	6/12/2006	95	4	1	Cultural Debris	6/14/2006	Trash	-	
SEAD-57	57G16-0041	738512.5	1010010	270	Mv	6/12/2006	119	4	2	Munitions Debris	6/14/2006	Frag	-	
SEAD-57	57G16-0051	738609	1010029.75	200	Mv	6/12/2006	116	4	0	Cultural Debris	10/24/2006	Tent stake	-	
SEAD-57	57G16-0061	738700.75	1010129.625	157	Mv	6/12/2006	120	4	3	Munitions Debris	6/14/2006	Frag	-	
SEAD-57	57G16-0070	738629.75	1010043.5	131	Mv	6/12/2006	78	4	3	Cultural Debris	6/14/2006	Trash	-	
SEAD-57	57G16-0072	738500.75	1010072.75	126	Mv	6/12/2006	149	4	5	Munitions Debris	6/14/2006	Frag	-	
SEAD-57	57G16-0080	738677.75	1010131.25	89	Mv	6/12/2006	41	4	1	Munitions Debris	6/14/2006	Frag	-	
SEAD-57	57G16-0092	738641.25	1010038.25	70	Mv	6/12/2006	95	4	1	Cultural Debris	6/14/2006	Trash	-	
SEAD-57	57G16-0093	738620	1010007	68	Mv	6/12/2006	13	4	1	Cultural Debris	6/14/2006	Trash	-	
SEAD-57	57G16-0095	738727.5	1010147.5	66	Mv	6/12/2006	15	4	3	Munitions Debris	6/14/2006	Frag	-	
SEAD-57	57G16-0101	738730.25	1010114.25	63	Mv	6/12/2006	28	4	5	Munitions Debris	6/14/2006	Frag	-	
SEAD-57	57G16-0106	738728.5	1010107	57	Mv	6/12/2006	17	4	2	Munitions Debris	6/14/2006	Frag	-	
SEAD-57	57104-0012	738789.25	1008612.25	634	Mv	6/29/2006	364	4	0	Munitions Debris	7/7/2006	Frag MD	-	
SEAD-57	57104-0017	738808.75	1008645	544	Mv	6/29/2006	125	4	18	Munitions Debris	6/15/2006	Alum MD	-	
SEAD-57	57104-0028	738786	1008742.5	377	Mv	6/29/2006	333	4	18	Munitions Debris	7/7/2006	Alum MD	Pass	KC
SEAD-57	57104-0029	738808.25	1008639.25	370	Mv	6/29/2006	202	4	24	Munitions Debris	6/15/2006	Alum MD	-	
SEAD-57	57104-0035	738754	1008672	349	Mv	6/29/2006	259	4	0	Munitions Debris	7/7/2006	Frag MD	-	
SEAD-57	57104-0046	738918.75	1008728.5	262	Mv	6/29/2006	160	4	5	Munitions Debris	7/7/2006	Steel MD Frag	-	
SEAD-57	57104-0049	738803.25	1008621.75	252	Mv	6/29/2006	158	4	0	Munitions Debris	7/7/2006	Alum MD	-	
SEAD-57	57104-0052	738815.25	1008605.5	238	Mv	6/29/2006	104	4	8	Cultural Debris	7/7/2006	Steel scrap	Pass	KC
SEAD-57	57104-0054	738971.75	1008643	234	Mv	6/29/2006	116	4	4	Munitions Debris	7/7/2006	Steel MD Frag	-	
SEAD-57	57104-0055	738812.5	1008605.25	223	Mv	6/29/2006	154	4	12	Munitions Debris	7/7/2006	Alum MD	-	
SEAD-57	57104-0062	738789.5	1008695.25	209	Mv	6/29/2006	102	4	4	Munitions Debris	7/7/2006	Brass 37mm cart	Pass	KC
SEAD-57	57104-0068	738795.5	1008628.75	191	Mv	6/29/2006	184	4	0	Munitions Debris	7/7/2006	Frag MD	-	
SEAD-57	57104-0087	738761.25	1008632.75	151	Mv	6/29/2006	87	4	0	Munitions Debris	7/7/2006	Alum MD	-	
SEAD-57	57104-0088	738769.5	1008674.75	149	Mv	6/29/2006	140	4	0	Munitions Debris	7/7/2006	Alum MD	-	
SEAD-57	57104-0089	738797.5	1008740.5	149	Mv	6/29/2006	150	4	10	Munitions Debris	7/7/2006	Alum MD	Pass	KC

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS				QPOST-DIG QC		
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ³	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	57114-0151	738895.5	1009764.25	181	Mv	6/20/2006	95	4	2	Cultural Debris	6/27/2006	Trash	-	
SEAD-57	57114-0154	738865.5	1009889.25	176	Mv	6/27/2006	104	4	6	Cultural Debris	7/7/2006	Steel scrap, Anomalie 114-0322 & 11-0154 are the same item.	-	
SEAD-57	57114-0155	738952	1009875	176	Mv	6/22/2006	80	4	8	Munitions Debris	6/28/2006	Alum MD	-	
SEAD-57	57114-0173	738853.25	1009914.25	162	Mv	6/22/2006	75	4	5	Munitions Debris	6/27/2006	Frag	-	
SEAD-57	57114-0176	738885.25	1009860.75	159	Mv	6/6/2006	159	4	0	Munitions Debris	8/23/2006	Frag MD	-	
SEAD-57	57114-0178	738900.25	1009757.25	157	Mv	6/20/2006	85	4	18	Cultural Debris	6/27/2006	Trash	Pass	KC
SEAD-57	57114-0179	738865.75	1009860	155	Mv	7/6/2006	999	4	0	Cultural Debris	8/23/2006	Scrap metal	-	
SEAD-57	57114-0189	738806.75	1009899.25	139	Mv	6/22/2006	65	4	8	Cultural Debris	6/27/2006	Trash	-	
SEAD-57	57114-0193	738940.25	1009775	137	Mv	6/6/2006	137	4	6	Munitions Debris	7/19/2006	Alum MD	-	
SEAD-57	57114-0198	738926.75	1009847.5	134	Mv	6/22/2006	55	4	8	Munitions Debris	6/28/2006	Alum MD	-	
SEAD-57	57114-0199	738806	1009762.75	133	Mv	6/27/2006	56	4	0	Munitions Debris	8/23/2006	Alum MD	-	
SEAD-57	57114-0203	738924.75	1009801.75	128	Mv	6/20/2006	100	4	0	Cultural Debris	7/19/2006	Alum	-	
SEAD-57	57114-0215	738776.75	1009949	120	Mv	6/28/2006	73	4	0	Cultural Debris	7/7/2006	Nails	-	
SEAD-57	57114-0218	738877	1009857.75	118	Mv	6/27/2006	72	4	0	Munitions Debris	8/23/2006	Alum MD	-	
SEAD-57	57114-0220	738979.5	1009856.75	117	Mv	6/19/2006	120	4	4	Munitions Debris	6/27/2006	Frag	Pass	KC
SEAD-57	57114-0222	738853	1009780.25	115	Mv	6/27/2006	100	4	0	Munitions Debris	8/23/2006	Alum MD	-	
SEAD-57	57114-0246	738844.25	1009929	105	Mv	6/22/2006	40	4	14	Cultural Debris	6/27/2006	Trash	-	
SEAD-57	57114-0248	738942	1009785.25	104	Mv	6/20/2006	85	4	0	Cultural Debris	7/19/2006	Alum	-	
SEAD-57	57114-0259	738982.75	1009787.75	97	Mv	6/20/2006	75	4	4	Cultural Debris	6/27/2006	Trash	-	
SEAD-57	57114-0262	738806.25	1009884.25	96	Mv	6/22/2006	40	4	0	Cultural Debris	7/19/2006	Pipe	-	
SEAD-57	57114-0264	738805	1009916.25	93	Mv	6/28/2006	30	4	0	Cultural Debris	8/23/2006	Scrap metal	-	
SEAD-57	57114-0273	738774.75	1009967.25	89	Mv	6/28/2006	13	4	0	Cultural Debris	7/7/2006	Bolt	-	
SEAD-57	57114-0275	738843.75	1009855.25	89	Mv	6/27/2006	71	4	0	Munitions Debris	8/23/2006	Alum MD	-	
SEAD-57	57114-0283	738972.25	1009871.5	85	Mv	6/19/2006	50	4	0	Cultural Debris	7/19/2006	Nail	-	
SEAD-57	57114-0284	738815.5	1009885.75	84	Mv	6/22/2006	25	4	0	Cultural Debris	7/19/2006	Wire	-	
SEAD-57	57114-0288	738801.75	1009920.25	83	Mv	6/28/2006	38	4	0	Munitions Debris	8/23/2006	Alum MD	-	
SEAD-57	57114-0295	738825.75	1009961.75	79	Mv	6/28/2006	29	4	0	Munitions Debris	7/7/2006	Alum MD	-	
SEAD-57	57114-0296	738820.25	1009915.75	79	Mv	6/28/2006	130	4	0	Munitions Debris	7/7/2006	Frag MD	-	
SEAD-57	57114-0298	738949.5	1009781	78	Mv	6/20/2006	30	4	1	Munitions Debris	6/27/2006	Frag	-	
SEAD-57	57114-0307	738798.25	1009845.25	75	Mv	6/28/2006	30	4	0	Cultural Debris	10/24/2006	Scrap metal	-	
SEAD-57	57114-0311	738820.75	1009927	74	Mv	6/28/2006	40	4	8	Cultural Debris	6/15/2006	Copper scrap	-	
SEAD-57	57114-0320	738844	1009837.25	70	Mv	6/27/2006	58	4	0	Munitions Debris	8/23/2006	Frag MD	-	
SEAD-57	57114-0322	738862.5	1009889.5	69	Mv	6/27/2006	54	4	10	Cultural Debris	7/7/2006	Steel scrap, Anomalie 114-0322 & 11-0154 are the same item.	-	
SEAD-57	57114-0335	738909.25	1009758.75	65	Mv	6/20/2006	70	4	5	Munitions Debris	6/27/2006	Frag	-	
SEAD-57	57114-0343	738840.25	1009883.5	62	Mv	6/22/2006	30	4	0	Munitions Debris	7/19/2006	Frag	-	
SEAD-57	57114-0346	738844.25	1009758.5	62	Mv	6/20/2006	30	4	6	Munitions Debris	6/22/2006	Frag	-	
SEAD-57	57114-0347	738943	1009964.75	61	Mv	6/22/2006	20	4	10	Cultural Debris	7/19/2006	Steel scrap	-	
SEAD-57	57114-0348	738773.5	1009819.5	61	Mv	6/22/2006	30	4	40	Cultural Debris	10/26/2006	Asphalt block in driveway	-	
SEAD-57	57114-0351	738831.75	1009926.5	59	Mv	6/22/2006	40	4	4	Munitions Debris	6/15/2006	Alum MD	-	
SEAD-57	57114-0353	738866.75	1009984.5	59	Mv	6/22/2006	40	4	4	Munitions Debris	6/28/2006	Frag	-	
SEAD-57	57114-0364	738850.5	1009845.5	55	Mv	6/27/2006	34	4	0	Cultural Debris	8/23/2006	Wire	-	
SEAD-57	57114-0381	738955.876	1009807.475	52	Mv	6/20/2006	15	4	0	Cultural Debris	7/19/2006	Alum	-	
SEAD-57	57114-0496	738921.204	1009862.661	34	Mv	9/11/2006	34	4	5	Cultural Debris	9/25/2006		Pass	KC
SEAD-57	57116-0004	738980.163	1010077.236	14100	Mv	6/7/2006	25	4	0	Cultural Debris	10/24/2006	Scrap metal	-	
SEAD-57	57116-0012	738993	1010226	1100	Mv	6/7/2006	280	4	2	Cultural Debris	6/13/2006	Trash	-	
SEAD-57	57116-0029	738991.5	1010230.25	240	Mv	6/7/2006	278	4	1	Cultural Debris	6/13/2006	Trash	-	
SEAD-57	57116-0037	738913.5	1010040.5	162	Mv	6/12/2006	118	4	1	Cultural Debris	6/13/2006	Trash	Pass	KC
SEAD-57	57116-0042	738906	1010100.25	130	Mv	6/7/2006	80	4	2	Cultural Debris	6/13/2006	Trash	-	
SEAD-57	57116-0047	738818	1010133.25	121	Mv	6/12/2006	125	4	1	Cultural Debris	6/13/2006	Trash	-	
SEAD-57	57116-0052	738887.75	1010188.25	104	Mv	6/7/2006	35	4	1	Cultural Debris	6/13/2006	Trash	-	
SEAD-57	57116-0055	738771.25	1010136.25	101	Mv	6/12/2006	999	4	0	Cultural Debris	8/23/2006	Scrap metal 3" long	-	
SEAD-57	57116-0057	738911.75	1010034	98	Mv	6/7/2006	60	4	2	Cultural Debris	6/13/2006	Trash	Pass	KC
SEAD-57	57116-0065	738771	1010086.25	89	Mv	6/12/2006	41	4	0	Munitions Debris	6/14/2006	Frag, 1" x 1/2"	-	

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS				QPOST-DIG QC		
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (In)	Location Offset (in)	Type	Date	Item Description	QC Code ³	QC Initials
Eastings (X)	Northing (Y)													
SEAD-57	57K12-0304	739022.25	1009657.25	62	Mv	6/1/2006	999	4	0	Cultural Debris	6/8/2006	Alum scrap	-	-
SEAD-57	57K12-0306	739158	1009717.25	60	Mv	6/1/2006	999	4	0	Munitions Debris	6/8/2006	Frag	-	-
SEAD-57	57K12-0309	739034	1009657.5	57	Mv	6/1/2006	999	4	0	Cultural Debris	6/8/2006	Alum scrap	-	-
SEAD-57	57K12-0326	739144.25	1009749.25	50	Mv	8/1/2006	50	4	0	Cultural Debris	8/22/2006	Steel wire	-	-
SEAD-57	57K14-0004	739221	1009851.5	6520	Mv	6/5/2006	85	4	12	Cultural Debris	6/12/2006	Trash	Pass	KC
SEAD-57	57K14-0013	739157	1009802.75	1407	Mv	6/5/2006	880	4	2	Cultural Debris	6/5/2006	Trash	-	-
SEAD-57	57K14-0016	739027	1009856.5	1243	Mv	6/8/2006	523	4	4	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K14-0028	739187.5	1009786.5	740	Mv	7/19/2006	740	4	1	Cultural Debris	8/22/2006	Steel scrap	-	-
SEAD-57	57K14-0036	739216	1009928.75	562	Mv	6/8/2006	269	4	24	Cultural Debris	6/12/2006	Trash	Pass	KC
SEAD-57	57K14-0052	739154.25	1009927.25	394	Mv	6/8/2006	113	4	24	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K14-0064	739134.25	1009894.25	338	Mv	6/8/2006	140	4	6	Cultural Debris	6/14/2006	Trash	Pass	KC
SEAD-57	57K14-0068	739065.75	1009840.25	313	Mv	6/5/2006	370	4	6	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K14-0070	739161.5	1009862.75	285	Mv	6/5/2006	1555	4	22	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K14-0072	739017.75	1009950.75	271	Mv	6/8/2006	146	4	20	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K14-0076	739131.5	1009813.25	258	Mv	6/5/2006	102	4	10	Cultural Debris	6/5/2006	Trash	-	-
SEAD-57	57K14-0082	739047.25	1009812.5	251	Mv	6/12/2006	159	4	5	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K14-0087	739115.359	1009904.886	233	Mv	6/8/2006	160	4	24	Cultural Debris	6/14/2006	Trash	-	-
SEAD-57	57K14-0089	739110.5	1009846	229	Mv	6/12/2006	69	4	4	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K14-0100	739126.5	1009778.5	204	Mv	6/5/2006	75	4	10	Cultural Debris	6/5/2006	K14 0182 was at opposite end of 20 inch steel scrap piece.	-	-
SEAD-57	57K14-0106	739102.25	1009900.25	196	Mv	6/8/2006	50	4	2	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K14-0112	739207.75	1009802.5	178	Mv	6/5/2006	60	4	10	Cultural Debris	6/7/2006	Steel bolt	-	-
SEAD-57	57K14-0113	739117	1009753.25	173	Mv	7/19/2006	173	4	15	Cultural Debris	10/26/2006	Trash	-	-
SEAD-57	57K14-0115	739093	1009954.75	171	Mv	6/8/2006	125	4	12	Munitions Debris	6/13/2006	Frag	-	-
SEAD-57	57K14-0120	739147.75	1009777.5	166	Mv	6/5/2006	82	4	2	Cultural Debris	6/5/2006	K14 0152 ws flagged for same piece of steel scrap	Pass	KC
SEAD-57	57K14-0122	739165	1009913.5	164	Mv	6/8/2006	76	4	12	Cultural Debris	6/12/2006	Steel scrap	-	-
SEAD-57	57K14-0125	739090.25	1009893.25	160	Mv	6/8/2006	143	4	12	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K14-0136	739043.75	1009792	141	Mv	7/19/2006	141	4	15	Cultural Debris	10/19/2006	Wire	-	-
SEAD-57	57K14-0152	739144.75	1009777.75	129	Mv	6/5/2006	52	4	2	Cultural Debris	6/5/2006	K14 0120 was flagged for same piece of steel scrap	Pass	KC
SEAD-57	57K14-0155	739017	1009903.75	123	Mv	6/8/2006	50	4	10	Munitions Debris	6/14/2006	Frag	-	-
SEAD-57	57K14-0177	739226.5	1009783	106	Mv	6/5/2006	20	4	2	Cultural Debris	6/7/2006	Steel scrap	-	-
SEAD-57	57K14-0181	739010.25	1009984	102	Mv	6/12/2006	80	4	20	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K14-0182	739123.25	1009778	102	Mv	6/5/2006	51	4	10	Cultural Debris	6/5/2006	K14 0100 was flagged at the opposite end of 20 inch steel scrap piece.	-	-
SEAD-57	57K14-0185	739221.5	1009897.5	98	Mv	6/8/2006	10	4	6	Cultural Debris	6/12/2006	Steel scrap	-	-
SEAD-57	57K14-0187	739110.75	1009786.25	94	Mv	6/12/2006	127	4	1	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K14-0195	739020.25	1009953.5	87	Mv	6/8/2006	60	4	14	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K14-0198	739141.5	1009767.5	86	Mv	6/5/2006	34	4	5	Cultural Debris	6/5/2006	Trash	-	-
SEAD-57	57K14-0199	739146	1009895	84	Mv	6/8/2006	62	4	0	Cultural Debris	10/24/2006	Bolt	-	-
SEAD-57	57K14-0211	739095.75	1009898.5	79	Mv	6/8/2006	20	4	1	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K14-0214	739245.75	1009807.75	78	Mv	6/5/2006	35	4	4	Cultural Debris	6/6/2006	Steel scrap	-	-
SEAD-57	57K14-0220	739046.25	1009807.25	75	Mv	6/12/2006	120	4	0	Cultural Debris	10/24/2006	Scrap metal	-	-
SEAD-57	57K14-0222	739232.5	1009797.25	74	Mv	6/5/2006	30	4	4	Cultural Debris	6/7/2006	Steel scrap	-	-
SEAD-57	57K14-0224	739060.5	1009972	73	Mv	6/8/2006	50	4	3	Cultural Debris	6/13/2006	Trash	Pass	KC
SEAD-57	57K14-0226	739072.25	1009875.75	72	Mv	6/8/2006	27	4	2	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K14-0228	739161.75	1009790.5	70	Mv	6/5/2006	15	4	1	Munitions Debris	6/5/2006	Piece of steel scrap - frag	-	-
SEAD-57	57K14-0230	739121.25	1009782.75	70	Mv	6/5/2006	48	4	6	Cultural Debris	6/5/2006	Trash	-	-
SEAD-57	57K14-0232	739077	1009925.75	68	Mv	6/8/2006	15	4	12	Cultural Debris	6/14/2006	Trash	-	-
SEAD-57	57K14-0252	739178	1009876.75	62	Mv	6/8/2006	30	4	7	Cultural Debris	6/12/2006	Alum scrap	-	-
SEAD-57	57K14-0254	739207.25	1009825.75	60	Mv	6/5/2006	30	4	3	Cultural Debris	8/1/2006	Steel scrap	-	-
SEAD-57	57K14-0256	739126	1009813	60	Mv	6/5/2006	13	4	10	Cultural Debris	6/5/2006	Steel washer	-	-
SEAD-57	57K14-0260	739096	1009877.75	60	Mv	6/8/2006	14	4	3	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K14-0268	739195.75	1009913.75	55	Mv	6/8/2006	7	4	3	Cultural Debris	6/12/2006	Steel scrap	-	-
SEAD-57	57K14-0270	739050.927	1009812.935	54	Mv	6/12/2006	30	4	5	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K14-0271	739015.25	1009778.25	54	Mv	7/19/2006	27	4	24	Cultural Debris	10/26/2006	Trash	-	-

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION			DIG RESULTS			QPOST-DIG QC Code	QC Initials	
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date			Item Description
		Easting (X)	Northing (Y)											
SEAD-57	57M08-0053	739461.25	1009241.5	43	Mv	9/11/2006	43	4	24	Munitions Debris	9/20/2006	Frag	Pass	KC
SEAD-57	57M08-0127	739453.75	1009165.25	24	Mv	9/11/2006	24	4	30	Munitions Debris	9/20/2006	Frag	Pass	KC
SEAD-57	57M10-0004	739438.5	1009430	2199	Mv	8/1/2006	2199	4	0	Munitions Debris	8/22/2006	Alum 1" x 4", and? Slap flare	-	
SEAD-57	57M10-0007	739435	1009367	523	Mv	8/1/2006	523	4	0	Cultural Debris	10/24/2006	Wrench	Pass	KC
SEAD-57	57M10-0017	739500.25	1009392.5	167	Mv	6/2/2006	999	4	0	Munitions Debris	7/5/2006	Slape flare	Pass	KC
SEAD-57	57M10-0018	739395.75	1009343.5	166	Mv	8/1/2006	166	4	0	Cultural Debris	8/22/2006	Alum washer	-	
SEAD-57	57M10-0024	739353.75	1009490.5	115	Mv	8/1/2006	115	4	0	Cultural Debris	8/22/2006	Alum washer	Pass	KC
SEAD-57	57M10-0034	739461.75	1009459	91	Mv	8/1/2006	91	4	0	Munitions Debris	8/22/2006	20mm no fuze	Pass	KC
SEAD-57	57M10-0035	739444.5	1009435	90	Mv	8/1/2006	90	4	0	Cultural Debris	8/22/2006	Alum 3" x 3"	-	
SEAD-57	57M10-0039	739361.5	1009458.75	74	Mv	8/1/2006	74	4	0	Cultural Debris	8/22/2006	Alum washer	-	
SEAD-57	57M10-0045	739415.25	1009462.25	53	Mv	8/1/2006	53	4	0	Cultural Debris	8/22/2006	Alum strip 1" x 2"	-	
SEAD-57	57M10-0052	739421.75	1009270.25	48	Mv	9/11/2006	48	4	12	Munitions Debris	9/20/2006	Frag	Pass	KC
SEAD-57	57M10-0072	739464.5	1009456	38	Mv	9/11/2006	38	4	9	Munitions Debris	9/20/2006	Frag	Pass	KC
SEAD-57	57M10-0195	739445.5	1009365.5	18	Mv	9/11/2006	18	4	0	Cultural Debris	10/24/2006	Fense post	-	
SEAD-57	57M10-0291	739334.094	1009490.539	14	Mv	9/11/2006	14	4	8	Munitions Debris	9/20/2006	Frag	-	
SEAD-57	57M10-0361	739373.75	1009400.25	13	Mv	9/11/2006	13	4	6	Munitions Debris	9/20/2006	Frag	Pass	KC
SEAD-57	57M12-0009	739497	1009638.25	91206	Mv	6/6/2006	3000	4	0	Cultural Debris	6/6/2006	1 brass casing	-	
SEAD-57	57M12-0041	739366.25	1009614	2642	Mv	6/2/2006	999	4	0	Cultural Debris	7/5/2006	Metal band same as flag m12 40	-	
SEAD-57	57M12-0113	739334.25	1009644.5	666	Mv	6/5/2006	220	4	1	Cultural Debris	6/7/2006	Trash	-	
SEAD-57	57M12-0119	739500	1009630.5	611	Mv	6/2/2006	999	4	0	Cultural Debris	6/6/2006	1 Brass casing	-	
SEAD-57	57M12-0123	739250.75	1009584.5	577	Mv	6/2/2006	999	4	0	Cultural Debris	8/22/2006	Metal bar 10"	-	
SEAD-57	57M12-0130	739391.75	1009593.75	517	Mv	6/2/2006	999	4	2	Cultural Debris	6/7/2006	3 items found; 3" steel disk, 1" steel bolt, and 6" steel nut	-	
SEAD-57	57M12-0136	739394.5	1009615.75	470	Mv	6/2/2006	999	4	1	Cultural Debris	6/7/2006	Alum	-	
SEAD-57	57M12-0150	739252.197	1009623.574	359	Mv	6/2/2006	999	4	1	Cultural Debris	6/7/2006	Trash	-	
SEAD-57	57M12-0158	739386	1009572.5	311	Mv	6/2/2006	999	4	0	Cultural Debris	7/5/2006	Comm wire	-	
SEAD-57	57M12-0165	739355.5	1009604.25	295	Mv	6/2/2006	999	4	0	Cultural Debris	7/5/2006	Alum band	-	
SEAD-57	57M12-0175	739447	1009631.75	273	Mv	6/2/2006	999	4	1	Cultural Debris	6/7/2006	Trash	-	
SEAD-57	57M12-0191	739418.5	1009594.25	218	Mv	6/2/2006	999	4	1	Cultural Debris	6/7/2006	Trash	-	
SEAD-57	57M12-0199	739378	1009622	201	Mv	6/2/2006	999	4	0	Cultural Debris	7/5/2006	Metal band	-	
SEAD-57	57M12-0203	739340	1009643	185	Mv	6/5/2006	67	4	2	Cultural Debris	6/7/2006	Trash	-	
SEAD-57	57M12-0204	739460	1009559.25	176	Mv	6/2/2006	999	4	0	Cultural Debris	6/6/2006	Alum disk	-	
SEAD-57	57M12-0219	739341.5	1009736.25	160	Mv	6/6/2006	121	4	1	Cultural Debris	7/5/2006	Alum	Pass	KC
SEAD-57	57M12-0252	739480	1009623.75	131	Mv	6/2/2006	999	4	0	Cultural Debris	6/6/2006	1 nail and 1 can handle	-	
SEAD-57	57M12-0266	739429	1009579	112	Mv	6/2/2006	999	4	0	Cultural Debris	6/6/2006	3" Steel washer	-	
SEAD-57	57M12-0279	739260.5	1009590	103	Mv	6/2/2006	999	4	0	Cultural Debris	8/22/2006	Alum scrap	-	
SEAD-57	57M12-0283	739432	1009572.25	98	Mv	6/2/2006	999	4	0	Cultural Debris	6/6/2006	Alum, 1" x 1"	-	
SEAD-57	57M12-0293	739480.75	1009706.25	93	Mv	6/2/2006	999	4	1	Cultural Debris	6/7/2006	Trash	-	
SEAD-57	57M12-0296	739334.25	1009596.75	90	Mv	6/5/2006	45	4	0	Munitions Debris	7/5/2006	Frag	-	
SEAD-57	57M12-0309	739254.75	1009632.25	84	Mv	6/2/2006	999	4	0	Cultural Debris	10/24/2006	Scrap metal	Pass	KC
SEAD-57	57M12-0313	739400.5	1009585.25	81	Mv	6/2/2006	999	4	0	Cultural Debris	6/7/2006	Seat belt and battery plates.	Pass	KC
SEAD-57	57M12-0326	739250.5	1009576.75	78	Mv	6/2/2006	999	4	0	Cultural Debris	7/5/2006	Wire	-	
SEAD-57	57M12-0327	739408.75	1009616.5	76	Mv	8/22/2006	37	4	1	Cultural Debris	8/22/2006	Steel scrap	-	
SEAD-57	57M12-0332	739281.5	1009713.25	74	Mv	6/2/2006	999	4	1	Cultural Debris	6/5/2006	-	-	
SEAD-57	57M12-0349	739288.25	1009630.5	67	Mv	6/2/2006	999	4	4	Cultural Debris	6/7/2006	Trash	-	
SEAD-57	57M12-0385	739419	1009684.75	53	Mv	8/22/2006	26	4	18	Munitions Debris	8/22/2006	Small Arns, 7.62mm found 18" from flag and alum disc found on flag	Pass	KC
SEAD-57	57M12-0398	739441.75	1009691.75	46	Mv	9/11/2006	46	4	15	Cultural Debris	9/21/2006	-	-	
SEAD-57	57M12-0452	739391.5	1009616.5	35	Mv	9/11/2006	35	4	0	Cultural Debris	10/24/2006	Tent stake	-	
SEAD-57	57M12-0474	739439.25	1009555.75	30	Mv	9/11/2006	30	4	14	Cultural Debris	9/20/2006	-	-	
SEAD-57	57M12-0596	739412.5	1009548.25	19	Mv	9/11/2006	19	4	0	Cultural Debris	10/24/2006	Scrap metal	-	
SEAD-57	57M14-0012	739250.5	1009849.25	4822	Mv	8/1/2006	4822	4	2	Cultural Debris	8/1/2006	Steel scrap	-	
SEAD-57	57M14-0079	739301.25	1009814.25	225	Mv	6/5/2006	60	4	8	Cultural Debris	6/6/2006	Steel scrap	-	
SEAD-57	57M14-0084	739349	1009804.5	182	Mv	6/5/2006	110	4	6	Cultural Debris	7/5/2006	Alum	-	
SEAD-57	57M14-0096	739252.5	1009817.75	142	Mv	8/22/2006	76	4	4	Cultural Debris	8/22/2006	Steel scrap. Anomalies M14-0096 & M14-0206 are the same item.	-	

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Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION				DIG RESULTS				QPOST-DIG QC	
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item	Description	QC Code ³	QC Initials
		Easting (X)	Northing (Y)												
SEAD-57	F09-011	738516.02	1009127.9	8	nT	8/8/2006	8	4	24	Hot Soil	8/9/2006	Hot Rock	Pass	KC	
SEAD-57	F09-016	738611.83	1009180.57	7	nT	8/8/2006	7	4	15	Cultural Debris	8/9/2006	Wire	Pass	KC	
SEAD-57	F10-002	738577.583	1009297.585	93	nT	10/17/2006	92	4	8	MPPEH	10/26/2006	six 3 inch stokes	-	-	
SEAD-57	F10-004	738540.106	1009309.191	15	nT	10/17/2006	15	4	36	Cultural Debris	10/25/2006	Scrap metal	-	-	
SEAD-57	F12-028	738547.077	1009563.462	29	nT	10/17/2006	30	4	40	Munitions Debris	10/19/2006	Frag	Pass	KC	
SEAD-57	G06-002	738707.147	1008799.426	10	nT	9/6/2006	10	4	6	Munitions Debris	9/7/2006	Frag	Pass	KC	
SEAD-57	G06-006	738743.064	1008830.023	16	nT	9/6/2006	16	4	12	Cultural Debris	9/7/2006	Hot Soil	Pass	KC	
SEAD-57	G06-008	738733.055	1008838.03	26	nT	9/6/2006	26	4	6	Hot Soil	9/7/2006	hot rock	Pass	KC	
SEAD-57	G07-006	738687.684	1008975.344	3	nT	9/6/2006	2	4	18	Hot Soil	9/7/2006	Hot rock	-	-	
SEAD-57	G07-012	738742.797	1008904.218	8	nT	9/6/2006	8	4	7	Munitions Debris	9/7/2006	Frag	-	-	
SEAD-57	G07-013	738716.908	1008893.409	19	nT	9/6/2006	19	4	5	Hot Soil	9/7/2006	Hot rock	Pass	KC	
SEAD-57	G07-020	738671.003	1008917.963	31	nT	9/6/2006	31	4	6	Cultural Debris	9/7/2006	Hot rock	Pass	KC	
SEAD-57	G07-029	738729.185	1008993.093	16	nT	9/6/2006	16	4	2	Munitions Debris	9/7/2006	Part of a 75 mm projo	-	-	
SEAD-57	G08-002	738696.91	1009057.49	11	nT	8/8/2006	11	4	2	Hot Soil	8/9/2006	Hot Rock	-	-	
SEAD-57	G08-003	738692.97	1009045.25	38	nT	8/8/2006	38	4	3	Munitions Debris	8/9/2006	Frag	-	-	
SEAD-57	G08-014	738731.11	1009006.69	15	nT	8/8/2006	15	4	12	Cultural Debris	8/9/2006	Trash	Pass	KC	
SEAD-57	G08-019	738631.2	1009029.06	21	nT	8/8/2006	21	4	0	Hot Soil	8/9/2006	Hot Rock	-	-	
SEAD-57	G09-001	738727.03	1009133.05	36	nT	8/8/2006	36	4	14	Cultural Debris	8/9/2006	Trash	Pass	KC	
SEAD-57	G09-003	738727.17	1009151.77	14	nT	8/8/2006	14	4	6	Cultural Debris	8/9/2006	Trash	-	-	
SEAD-57	G09-013	738656.25	1009181.6	12	nT	8/8/2006	12	4	14	Cultural Debris	8/9/2006	Trash	Pass	KC	
SEAD-57	G10-001	738696.9	1009281.85	12	nT	8/8/2006	12	4	12	Cultural Debris	8/10/2006	Trash	-	-	
SEAD-57	G10-005	738697.2	1009349.12	25	nT	8/8/2006	25	4	8	Cultural Debris	8/10/2006	Trash	Pass	KC	
SEAD-57	G10-012	738640.13	1009345.78	4	nT	8/8/2006	4	4	8	Munitions Debris	8/9/2006	Frag	-	-	
SEAD-57	G10-016	738632.98	1009275.16	23	nT	8/8/2006	23	4	20	Munitions Debris	8/9/2006	Frag	-	-	
SEAD-57	G10-019	738657.18	1009269.37	19	nT	8/8/2006	19	4	0	Cultural Debris	10/24/2006	Scrap metal	-	-	
SEAD-57	G10-037	738730.99	1009281.4	6	nT	8/8/2006	6	4	24	Cultural Debris	8/10/2006	Trash	Pass	KC	
SEAD-57	G10-039	738733.12	1009299.66	8	nT	8/8/2006	8	4	24	Cultural Debris	8/10/2006	Trash	Pass	KC	
SEAD-57	G10-040	738740.73	1009302.71	6	nT	8/8/2006	6	4	24	Munitions Debris	8/10/2006	Frag	-	-	
SEAD-57	G10-049	738725.81	1009351.86	6	nT	8/8/2006	6	4	24	Cultural Debris	8/10/2006	Trash	-	-	
SEAD-57	G11-001	738722.93	1009403.09	10	nT	8/8/2006	10	4	36	Cultural Debris	8/10/2006	Trash	Pass	KC	
SEAD-57	G11-006	738709.12	1009406.03	14	nT	8/8/2006	14	4	14	Cultural Debris	8/10/2006	Trash	-	-	
SEAD-57	G11-007	738701.48	1009406.76	19	nT	8/8/2006	19	4	18	Cultural Debris	8/10/2006	9 v. Battery	-	-	
SEAD-57	G11-026	738747.18	1009463.78	16	nT	8/8/2006	16	4	18	Cultural Debris	8/10/2006	Trash	Pass	KC	
SEAD-57	G11-029	738738.95	1009446.29	18	nT	8/8/2006	18	4	28	Cultural Debris	8/10/2006	Trash	Pass	KC	
SEAD-57	H06-001	738792.77	1008848.32	9	nT	8/8/2006	9	4	5	Cultural Debris	8/9/2006	Trash	Pass	KC	
SEAD-57	H06-017	738816.16	1008760.36	20	nT	8/8/2006	20	4	3	Cultural Debris	8/9/2006	Trash	-	-	
SEAD-57	H06-031	738831.71	1008811.74	305	nT	8/8/2006	305	4	4	Cultural Debris	8/9/2006	Trash	-	-	
SEAD-57	H06-035	738817.64	1008832.03	9	nT	8/8/2006	9	4	3	Cultural Debris	8/9/2006	Trash	-	-	
SEAD-57	H06-038	738867.84	1008848.02	13	nT	8/8/2006	13	4	6	Hot Soil	8/9/2006	hot rock	-	-	
SEAD-57	H07-011	738785.36	1008988.55	211	nT	8/8/2006	211	4	1	Cultural Debris	8/9/2006	Hot rock	Pass	KC	
SEAD-57	H07-023	738836.01	1008886.08	23	nT	8/8/2006	23	4	5	Munitions Debris	8/9/2006	Frag	-	-	
SEAD-57	H07-031	738768.48	1008914.96	45	nT	8/8/2006	45	4	10	Cultural Debris	8/9/2006	Trash	Pass	KC	
SEAD-57	H08-002	738816.226	1009044.126	8	nT	9/6/2006	8	4	12	Cultural Debris	9/8/2006	Trash	-	-	
SEAD-57	H08-021	738830.094	1009102.967	13	nT	9/6/2006	13	4	24	Cultural Debris	9/8/2006	Trash	Pass	KC	
SEAD-57	H08-024	738804.043	1009123.056	15	nT	9/6/2006	15	4	16	Cultural Debris	9/8/2006	Trash	-	-	
SEAD-57	H08-029	738813.893	1009103.356	13	nT	9/6/2006	12	4	20	Cultural Debris	9/8/2006	Trash	-	-	
SEAD-57	H08-033	738807.672	1009089.099	7	nT	9/6/2006	7	4	4	Cultural Debris	9/8/2006	Trash	Pass	KC	
SEAD-57	H08-041	738792.119	1009046.329	49	nT	9/6/2006	49	4	12	Hot Soil	9/8/2006	Hot rock	Pass	KC	
SEAD-57	H08-069	738870.026	1009070.585	11	nT	10/17/2006	10	4	8	Cultural Debris	10/19/2006	Hot rock	Pass	KC	
SEAD-57	H09-001	738767.162	1009231.923	8	nT	10/17/2006	8	4	8	Cultural Debris	10/23/2006	Hot rock	Pass	KC	
SEAD-57	H09-025	738836.178	1009218.747	44	nT	10/17/2006	44	4	4	Munitions Debris	10/23/2006	Frag	Pass	KC	
SEAD-57	H10-005	738772.673	1009264.833	36	nT	10/17/2006	37	4	1	Hot Soil	10/23/2006	Layer of hot soil	-	-	
SEAD-57	H10-011	738808.953	1009346.249	41	nT	10/17/2006	42	4	36	Cultural Debris	10/25/2006	Metal disc	Pass	KC	

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Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION			DIG RESULTS				QPOST-DIG QC QC Code 3	QC Initials
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description		
		Eastings (X)	Northing (Y)											
SEAD-57	K09-005	739177.51	1009205.725	26	nT	10/16/2006	27	4	14	Cultural Debris	10/19/2006	Wire	Pass	KC
SEAD-57	K09-007	739192.499	1009249.006	24	nT	10/16/2006	23	4	27	Cultural Debris	10/19/2006	Wire	-	-
SEAD-57	K10-006	739125.235	1009316.27	4	nT	10/16/2006	4	4	0	MPPEH	10/17/2006	MK 25	Pass	KC
SEAD-57	K11-001	739185.042	1009424.658	15	nT	10/16/2006	16	4	13	Munitions Debris	10/19/2006	Frag	Pass	KC
SEAD-57	K11-002	739180.147	1009417.316	19	nT	10/16/2006	18	4	2	Munitions Debris	10/19/2006	Frag	Pass	KC
SEAD-57	K11-004	739150.083	1009383.232	50	nT	10/16/2006	51	4	8	Cultural Debris	10/19/2006	Wire	Pass	KC
SEAD-57	K12-002	739140.096	1009519.475	20	nT	10/16/2006	20	4	3	Cultural Debris	10/19/2006	Wire	Pass	KC
SEAD-57	K12-006	739130.057	1009587.537	24	nT	10/16/2006	23	4	8	Cultural Debris	10/19/2006	Wire	Pass	KC
SEAD-57	K12-007	739134.992	1009573.074	14	nT	10/16/2006	14	4	15	Cultural Debris	10/19/2006	Wire	Pass	KC
SEAD-57	K12-008	739134.821	1009567.969	9	nT	10/16/2006	8	4	9	Cultural Debris	10/19/2006	Wire	Pass	KC
SEAD-57	P57_M06-17	739261.75	1008925	215	Mv	7/7/2006	260	4	2	Cultural Debris	7/10/2006	Wire	-	-
SEAD-57	P57_M06-24	739274.75	1008964.25	22	Mv	7/7/2006	25	4	5	Munitions Debris	7/10/2006	Frag	-	-
SEAD-57	P57_M06-45	739344.75	1008985	18	Mv	7/7/2006	16	4	2	Munitions Debris	7/10/2006	Frag	-	-
SEAD-57	P57_M06-55	739331.75	1008962	33	Mv	7/7/2006	30	4	3	Munitions Debris	7/10/2006	Frag	-	-
SEAD-57	P57_M06-56	739338.5	1008957.75	54	Mv	7/7/2006	105	4	4	Munitions Debris	7/10/2006	Frag	-	-
SEAD-57	P57_M06-57	739336.75	1008951.25	85	Mv	7/7/2006	25	4	3	Munitions Debris	7/10/2006	Frag	-	-
SEAD-57	P57_M06-69	739303.5	1008940.25	22	Mv	7/7/2006	17	4	6	Munitions Debris	7/10/2006	Frag	-	-
SEAD-57	P57_M06-80	739291	1008926.5	111	Mv	7/7/2006	200	4	5	Munitions Debris	7/10/2006	Frag	-	-
SEAD-57	P57_M06-81	739289.25	1008925.75	135	Mv	7/7/2006	190	4	5	Munitions Debris	7/10/2006	frag	-	-
SEAD-57	P57K06-101	739020.5	1008815.75	23	Mv	7/13/2006	430	4	2	Cultural Debris	7/17/2006	Pipe	-	-
SEAD-57	P57K06-105	739031	1008810.5	49	Mv	7/13/2006	100	4	2	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-111	739060.5	1008888.5	74	Mv	7/11/2006	130	4	3	Munitions Debris	7/18/2006	MK25 pieces	-	-
SEAD-57	P57K06-113	739004.25	1008828.5	18	Mv	7/13/2006	20	4	2	Munitions Debris	7/17/2006	Frag	-	-
SEAD-57	P57K06-116	739002	1008853.75	18	Mv	7/13/2006	62	4	2	Munitions Debris	7/17/2006	Frag	-	-
SEAD-57	P57K06-121	739019	1008860.75	31	Mv	7/11/2006	25	4	2	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-122	739017.75	1008864	58	Mv	7/11/2006	48	4	2	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-123	739013.25	1008869	39	Mv	7/11/2006	25	4	3	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-124	739013.25	1008876.25	49	Mv	7/11/2006	55	4	2	Munitions Debris	7/17/2006	Frag	-	-
SEAD-57	P57K06-125	739006.5	1008879.75	21	Mv	7/11/2006	30	4	4	Munitions Debris	7/17/2006	Frag	-	-
SEAD-57	P57K06-126	739003.75	1008895.5	54	Mv	7/13/2006	127	4	3	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-128	739003.25	1008910.5	47	Mv	7/11/2006	75	4	2	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-130	739011.92	1008913.38	48	Mv	7/11/2006	85	4	3	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-133	739012	1008931	107	Mv	7/11/2006	100	4	3	Munitions Debris	7/17/2006	Frag	-	-
SEAD-57	P57K06-134	739020.25	1008931	44	Mv	7/11/2006	45	4	3	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-136	739017.5	1008939.25	118	Mv	7/11/2006	105	4	2	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-137	739017.25	1008943.5	31	Mv	7/11/2006	30	4	3	Munitions Debris	7/17/2006	Frag	-	-
SEAD-57	P57K06-143	739038	1008964	20	Mv	7/11/2006	20	4	3	Munitions Debris	7/17/2006	Frag	-	-
SEAD-57	P57K06-144	739043.75	1008961.75	37	Mv	7/11/2006	120	4	3	Munitions Debris	7/17/2006	Frag	-	-
SEAD-57	P57K06-146	739044	1008952.5	85	Mv	7/11/2006	125	4	2	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-149	739051	1008937.5	90	Mv	7/11/2006	160	4	3	Munitions Debris	7/17/2006	Frag	-	-
SEAD-57	P57K06-150	739055.75	1008941.75	31	Mv	7/11/2006	45	4	2	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-151	739058.25	1008941	25	Mv	7/11/2006	30	4	2	Munitions Debris	7/18/2006	MK25 pieces	-	-
SEAD-57	P57K06-152	739055.5	1008947.5	34	Mv	7/11/2006	45	4	3	Munitions Debris	7/17/2006	Frag	-	-
SEAD-57	P57K06-158	739055	1008955.75	81	Mv	7/11/2006	160	4	2	Munitions Debris	7/17/2006	Frag	-	-
SEAD-57	P57K06-159	739055.5	1008952.5	23	Mv	7/11/2006	25	4	3	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-164	739058.5	1008991.25	75	Mv	7/12/2006	115	4	3	Munitions Debris	7/17/2006	Frag	-	-
SEAD-57	P57K06-166	739074.75	1008991.75	54	Mv	7/12/2006	80	4	2	Munitions Debris	7/18/2006	MK25 pieces	-	-
SEAD-57	P57K06-184	739199	1008969	84	Mv	7/13/2006	105	4	2	Munitions Debris	7/19/2006	MK25 pieces	Pass	KC
SEAD-57	P57K06-197	739239.5	1008994	55	Mv	7/13/2006	100	4	2	Munitions Debris	7/19/2006	MK25 pieces	-	-
SEAD-57	P57K06-201	739237.75	1008927	30	Mv	7/13/2006	33	4	2	Munitions Debris	7/19/2006	MK25 pieces	-	-
SEAD-57	P57K06-207	739213.25	1008914.75	47	Mv	7/13/2006	83	4	1	Cultural Debris	7/19/2006	Trash	-	-
SEAD-57	P57K06-213	739208.75	1008921.5	24	Mv	7/13/2006	45	4	2	Cultural Debris	7/19/2006	Wire	-	-
SEAD-57	P57K06-217	739216.75	1008928.75	42	Mv	7/13/2006	30	4	1	Munitions Debris	7/19/2006	Frag	-	-

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS				QPOST-DIG QC		
		Location (ft)		Amp ¹	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
Easting (X)	Northing (Y)	Location (ft)	Date											
SEAD-57	P57K08-3	739245.5	1009211.75	71	Mv	7/10/2006	91	4	8	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	P57K08-36	739238.25	1009077.25	78	Mv	7/10/2006	129	4	6	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	P57K08-37	739246	1009058	17	Mv	6/1/2006	30	4	2	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	P57K08-38	739238.25	1009061.25	21	Mv	7/10/2006	39	4	0	Cultural Debris	10/24/2006	-	-	-
SEAD-57	P57K08-39	739232.25	1009059.75	18	Mv	7/10/2006	32	4	0	Cultural Debris	10/24/2006	Scrap metal	-	-
SEAD-57	P57K08-41	739235.75	1009039	30	Mv	6/1/2006	70	4	3	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	P57K08-43	739240.25	1009029.75	52	Mv	6/1/2006	60	4	0	Cultural Debris	10/24/2006	Horseshoe	-	-
SEAD-57	P57K08-44	739240.5	1009021.25	36	Mv	7/7/2006	40	4	4	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	P57K08-46	739244	1009006.25	39	Mv	7/7/2006	40	4	1	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	P57K08-47	739240.25	1009004.5	19	Mv	7/7/2006	25	4	3	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	P57K08-48	739229.75	1009019.75	101	Mv	7/7/2006	85	4	6	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	P57K08-49	739223.5	1009030.75	78	Mv	6/1/2006	95	4	3	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	P57K08-5	739237.75	1009211.75	36	Mv	7/10/2006	59	4	4	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	P57K08-51	739219	1009028.25	46	Mv	6/1/2006	60	4	3	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	P57K08-56	739215.75	1009035.5	43	Mv	6/1/2006	45	4	3	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	P57K08-57	739215.25	1009039.75	29	Mv	6/1/2006	30	4	3	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	P57K08-59	739203	1009042.75	24	Mv	6/1/2006	25	4	2	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	P57K08-61	739199.75	1009043.5	23	Mv	6/1/2006	25	4	2	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	P57K08-66	739203.25	1009083	44	Mv	7/10/2006	92	4	2	Munitions Debris	7/11/2006	Multiple digs/pieces	-	-
SEAD-57	P57K08-69	739214.25	1009076	24	Mv	7/10/2006	56	4	20	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	P57K08-70	739211.75	1009066.25	78	Mv	7/10/2006	180	4	3	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	P57K08-73	739222.75	1009073.25	44	Mv	7/10/2006	74	4	3	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	P57K08-77	739222.75	1009089.75	28	Mv	7/10/2006	52	4	3	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	P57K08-79	739200.5	1009098.5	22	Mv	7/10/2006	42	4	4	Cultural Debris	7/11/2006	Trash	-	-
SEAD-57	P57K08-81	739197.5	1009106.5	27	Mv	7/10/2006	32	4	20	Cultural Debris	7/11/2006	Trash	-	-
SEAD-57	P57K08-83	739194.5	1009115.5	67	Mv	7/10/2006	91	4	8	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	P57K08-9	739234.5	1009194.5	78	Mv	7/10/2006	104	4	6	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	P57K08-94	739231.5	1009146.5	100	Mv	7/10/2006	127	4	6	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	P57K08-96	739221	1009147.25	41	Mv	7/10/2006	56	4	6	Munitions Debris	7/11/2006	Multiple digs/pieces[brass-steel]	-	-
SEAD-57	P57K08-99	739212.25	1009150.75	46	Mv	7/10/2006	64	4	15	Munitions Debris	7/11/2006	Multiple digs/pieces	-	-
SEAD-57	P57K10-10	739195	1009492.25	139	Mv	7/13/2006	113	4	8	Munitions Debris	7/17/2006	Multiple digs/pieces	-	-
SEAD-57	P57K10-105	739221.25	1009381	24	Mv	7/13/2006	36	4	24	Munitions Debris	7/18/2006	Alum MD Alum MD	-	-
SEAD-57	P57K10-11	739192.25	1009495.75	49	Mv	7/13/2006	52	4	8	Munitions Debris	7/17/2006	Frag	-	-
SEAD-57	P57K10-112	739225	1009357.25	35	Mv	7/13/2006	68	4	9	Munitions Debris	7/18/2006	Alum MD Alum MD	-	-
SEAD-57	P57K10-116	739226.25	1009343.25	33	Mv	7/11/2006	42	4	6	Munitions Debris	7/18/2006	Alum MD Alum MD	-	-
SEAD-57	P57K10-118	739227	1009338.25	24	Mv	7/11/2006	33	4	3	Munitions Debris	7/18/2006	Alum MD Alum MD	-	-
SEAD-57	P57K10-119	739219.25	1009337.75	87	Mv	7/11/2006	96	4	8	Munitions Debris	7/18/2006	Alum MD Alum MD	-	-
SEAD-57	P57K10-12	739187.25	1009487.5	79	Mv	7/13/2006	137	4	12	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K10-121	739216.25	1009329	50	Mv	7/11/2006	51	4	15	Munitions Debris	7/18/2006	Alum MD Alum MD	-	-
SEAD-57	P57K10-125	739200.5	1009322	61	Mv	7/11/2006	61	4	20	Munitions Debris	7/18/2006	Alum MD Alum MD	-	-
SEAD-57	P57K10-127	739197	1009306.5	48	Mv	7/11/2006	50	4	4	Munitions Debris	7/18/2006	Alum MD Alum MD	-	-
SEAD-57	P57K10-129	739209	1009304.5	82	Mv	7/11/2006	89	4	6	Munitions Debris	7/18/2006	Alum MD Alum MD	Pass	KC
SEAD-57	P57K10-135	739209	1009292.75	44	Mv	7/11/2006	55	4	6	Munitions Debris	7/18/2006	Alum MD Alum MD	Pass	KC
SEAD-57	P57K10-137	739198.5	1009290.25	103	Mv	7/11/2006	108	4	4	Munitions Debris	7/18/2006	Alum MD Alum MD	-	-
SEAD-57	P57K10-138	739197.75	1009289	80	Mv	7/11/2006	90	4	9	Munitions Debris	7/18/2006	Alum MD Alum MD	-	-
SEAD-57	P57K10-148	739199.25	1009267.75	87	Mv	7/11/2006	89	4	7	Munitions Debris	7/18/2006	Alum MD Alum MD	-	-
SEAD-57	P57K10-154	739216.25	1009259	70	Mv	7/11/2006	110	4	10	Munitions Debris	7/18/2006	Alum MD Alum MD	-	-
SEAD-57	P57K10-157	739227.5	1009252.25	41	Mv	7/11/2006	49	4	18	Munitions Debris	7/18/2006	Alum MD Alum MD	-	-
SEAD-57	P57K10-166	739223.25	1009284	34	Mv	7/11/2006	45	4	22	Munitions Debris	7/18/2006	Alum MD Alum MD	Pass	KC
SEAD-57	P57K10-167	739218.25	1009284.75	59	Mv	7/11/2006	74	4	7	Munitions Debris	7/18/2006	Alum MD Alum MD	-	-
SEAD-57	P57K10-168	739223.25	1009288.5	17	Mv	7/11/2006	16	4	24	Munitions Debris	7/18/2006	Alum MD Alum MD	-	-
SEAD-57	P57K10-172	739225.75	1009300	71	Mv	7/11/2006	80	4	10	Munitions Debris	7/18/2006	Alum MD Alum MD	-	-
SEAD-57	P57K10-175	739234	1009306.75	133	Mv	7/11/2006	136	4	5	Munitions Debris	7/18/2006	Alum MD Alum MD	Pass	KC

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION				DIG RESULTS			QPOST-DIG QC	
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ³	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	P57M10-70	739262.25	1009324.75	24	Mv	7/10/2006	60	4	3	Munitions Debris	7/10/2006	Frag	-	-
SEAD-57	P57M10-73	739276.25	1009350	78	Mv	7/10/2006	78	4	18	Munitions Debris	7/10/2006	Multiple digs/pieces	-	-
SEAD-57	P57M10-76	739258.5	1009372.25	26	Mv	7/10/2006	32	4	8	Munitions Debris	7/10/2006	Frag	-	-
SEAD-57	P57M10-77	739260.5	1009384	41	Mv	7/10/2006	53	4	8	Munitions Debris	7/10/2006	Frag	-	-
SEAD-57	P57M10-81	739280.5	1009435	49	Mv	7/10/2006	63	4	6	Munitions Debris	7/10/2006	Frag	-	-
SEAD-57	P57M10-87	739253.5	1009425.5	59	Mv	7/10/2006	77	4	6	Munitions Debris	7/10/2006	Frag	-	-
SEAD-57	P57M10-96	739320.5	1009457.75	108	Mv	7/10/2006	115	4	6	Munitions Debris	7/10/2006	Frag	-	-
SEAD-57	S57K12-1	739018	1009637.25	75	Mv	7/10/2006	160	4	1	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	S57K12-10	739160.25	1009530	22	Mv	7/10/2006	30	4	3	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-11	739163.75	1009527	73	Mv	7/10/2006	75	4	2	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	S57K12-14	739162	1009509.25	23	Mv	7/10/2006	30	4	3	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-16	739168.57	1009500.68	67	Mv	7/10/2006	70	4	1	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-20	739172.75	1009507.5	23	Mv	7/10/2006	20	4	5	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57	S57K12-22	739183	1009518	55	Mv	7/10/2006	70	4	2	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-25	739182	1009536	63	Mv	7/10/2006	60	4	3	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-26	739188.25	1009537	56	Mv	7/10/2006	65	4	3	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-29	739181.5	1009558	54	Mv	7/10/2006	70	4	3	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-34	739209.25	1009541	19	Mv	7/10/2006	60	4	3	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-4	739161.75	1009562.75	17	Mv	7/10/2006	18	4	3	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-44	739221	1009520.75	58	Mv	7/10/2006	45	4	3	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-49	739244	1009540	30	Mv	7/10/2006	20	4	3	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-5	739162.5	1009551.5	21	Mv	7/10/2006	35	4	3	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-51	739231.5	1009552.25	54	Mv	7/10/2006	85	4	3	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-52	739213.5	1009558.5	21	Mv	7/10/2006	30	4	3	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-58	739150.75	1009596.5	54	Mv	7/10/2006	60	4	4	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	S57K12-59	739098.25	1009620.5	43	Mv	7/10/2006	85	4	2	Cultural Debris	7/11/2006	Wire	-	-
SEAD-57	S57K12-60	739014.68	1009637.85	58	Mv	7/10/2006	105	4	2	Munitions Debris	7/11/2006	Frag	-	-
SEAD-57 Buffer	A14-002	738003	1009907.25	27	mV	9/28/2006	27	4	5	Cultural Debris	10/9/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-004	738007.5	1009888.25	17	mV	9/28/2006	17	4	10	Cultural Debris	10/9/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-011	737950.5	1009939.5	871	mV	9/28/2006	871	4	1	Munitions Debris	10/10/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-014	737928.09	1009919.51	97	mV	9/28/2006	97	4	20	Cultural Debris	10/10/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-016	737948.75	1009894.5	18	mV	9/28/2006	18	4	24	Cultural Debris	10/10/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-018	737947.35	1009879.26	81	mV	9/28/2006	81	4	8	Cultural Debris	10/10/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-022	737979.75	1009869.75	16	mV	9/28/2006	16	4	12	Cultural Debris	10/9/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-031	738018.5	1009865.25	20	mV	9/28/2006	20	4	8	Cultural Debris	10/9/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-034	738045	1009860.25	22	mV	9/28/2006	22	4	5	Cultural Debris	10/5/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-037	738063.25	1009889	18	mV	9/28/2006	18	4	8	Cultural Debris	10/9/2006	Wire	-	-
SEAD-57 Buffer	A14-040	738061.5	1009864.75	20	mV	9/28/2006	20	4	12	Cultural Debris	10/5/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-042	738052.25	1009857.25	192	mV	9/28/2006	192	4	6	Cultural Debris	10/5/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-046	738050.5	1009842.75	167	mV	9/28/2006	167	4	12	Cultural Debris	10/5/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-049	738077.75	1009846.75	251	mV	9/28/2006	251	4	18	Cultural Debris	10/5/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-052	738101.25	1009841	20	mV	9/28/2006	20	4	6	Cultural Debris	10/5/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-056	738110.75	1009833.25	130	mV	9/28/2006	130	4	8	Cultural Debris	10/5/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-064	738038	1009831.75	98	mV	9/28/2006	98	4	10	Cultural Debris	10/9/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-067	738022	1009827.25	20	mV	9/28/2006	20	4	24	Cultural Debris	10/9/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-068	738011.75	1009825.25	179	mV	9/28/2006	179	4	5	Cultural Debris	10/9/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-074	737981.75	1009811.75	26	mV	9/28/2006	26	4	2	Cultural Debris	10/10/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-075	737969	1009813.75	53	mV	9/28/2006	53	4	8	Cultural Debris	10/10/2006	Wire	-	-
SEAD-57 Buffer	A14-076	737961	1009813	57	mV	9/28/2006	57	4	10	Cultural Debris	10/10/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-081	737959.75	1009856	25	mV	9/28/2006	25	4	10	Cultural Debris	10/10/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-089	737913.75	1009806.75	45	mV	9/28/2006	45	4	13	Cultural Debris	10/4/2006	Scrap metal	Pass	KC
SEAD-57 Buffer	A14-095	737903.06	1009837.08	103	mV	9/28/2006	103	4	2	Cultural Debris	10/10/2006	Wire	-	-
SEAD-57 Buffer	A14-096	737910.75	1009834.5	167	mV	9/28/2006	167	4	24	Cultural Debris	10/10/2006	Wire	Pass	KC

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS				QPOST-DIG QC		
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57 Buffer	C16-018	738288.75	1010118	17	mV	9/28/2006	17	4	7	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	C16-021	738326.75	1010089.25	22	mV	9/28/2006	22	4	5	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	C16-028	738291.75	1010017	16	mV	9/28/2006	16	4	10	Cultural Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	C16-036	738190.41	1010002.33	26	mV	9/28/2006	26	4	4	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	C16-039	738203.25	1010027.75	17	mV	9/28/2006	17	4	8	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	C16-041	738200	1010058.75	195	mV	9/28/2006	195	4	10	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	C16-044	738198.25	1010103.75	19	mV	9/28/2006	19	4	24	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	C16-053	738159.25	1010140.25	25	mV	10/2/2006	25	4	30	Munitions Debris	10/5/2006	Frag	-	-
SEAD-57 Buffer	C16-054	738167.25	1010127.25	48	mV	10/2/2006	48	4	18	Munitions Debris	10/5/2006	Frag, 2 digs, 2 pieces	Pass	KC
SEAD-57 Buffer	C16-064	738227	1010185.75	17	mV	10/2/2006	17	4	18	Cultural Debris	10/4/2006	Bolt	Pass	KC
SEAD-57 Buffer	C16-068	738208	1010238	18	mV	10/2/2006	18	4	15	Munitions Debris	10/4/2006	Frag, 2 digs, 2 pieces	Pass	KC
SEAD-57 Buffer	C16-069	738232.75	1010228.25	34	mV	10/2/2006	34	4	6	Munitions Debris	10/4/2006	2.36 fuze, empty	Pass	KC
SEAD-57 Buffer	C18-002	738343.75	1010285.75	172	mV	9/26/2006	172	4	10	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	C18-007	738216.5	1010263	67	mV	9/26/2006	67	4	10	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	C18-013	738213	1010296.5	31	mV	9/26/2006	31	4	3	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	C18-014	738238.38	1010328.21	18	mV	9/26/2006	18	4	7	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	C18-018	738331.75	1010291.75	23	mV	9/26/2006	23	4	4	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-001	738465.5	1010223.75	16	mV	10/2/2006	16	4	3	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-003	738422.67	1010244.69	63	mV	10/2/2006	63	4	6	MPPEH	10/4/2006	2.36" rkt M-6 WP head & burster	Pass	KC
SEAD-57 Buffer	E16-005	738405.75	1010237.75	24	mV	10/2/2006	24	4	7	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-008	738394.25	1010199	42	mV	10/2/2006	42	4	5	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-013	738405.25	1010130.5	23	mV	10/2/2006	23	4	4	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-015	738442.25	1010134.5	25	mV	10/2/2006	25	4	4	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-019C1	738400.787	1010054.912	634	mV	10/16/2006	634	4	0	Cultural Debris	7/20/2006	10" scrap metal found near C flag	-	-
SEAD-57 Buffer	E16-024	738419.5	1010082.5	24	mV	10/2/2006	24	4	4	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-025	738447.75	1010102.25	23	mV	10/2/2006	23	4	3	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-028	738501.75	1010073	30	mV	10/2/2006	30	4	6	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-031	738527.25	1010139.91	20	mV	10/2/2006	20	4	5	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-033	738535.5	1010151.5	61	mV	10/2/2006	61	4	7	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-036	738568	1010133.75	20	mV	10/2/2006	20	4	6	Cultural Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-040	738602.5	1010135.75	18	mV	10/2/2006	18	4	18	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-046	738622.25	1010224.75	19	mV	10/2/2006	19	4	6	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	E16-053	738586	1010199.5	266	mV	10/2/2006	266	4	4	Munitions Debris	10/3/2006	2.36" rkt motor	Pass	KC
SEAD-57 Buffer	E16-057	738523.5	1010195.25	35	mV	10/2/2006	35	4	5	Munitions Debris	10/3/2006	Frag	-	-
SEAD-57 Buffer	E18-001	738466.25	1010287	50	mV	9/26/2006	50	4	6	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	E18-015	738623.25	1010299.5	94	mV	9/26/2006	94	4	15	Munitions Debris	10/3/2006	Frag, 2 digs, 2 pieces	Pass	KC
SEAD-57 Buffer	E18-018	738601.5	1010310.75	31	mV	9/26/2006	31	4	10	Munitions Debris	10/3/2006	Flare piece	Pass	KC
SEAD-57 Buffer	E18-024	738507.25	1010320.25	18	mV	9/26/2006	18	4	30	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	E18-027	738489.25	1010316.25	22	mV	9/26/2006	22	4	3	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G16-006	738794.5	1010184.75	16	mV	9/26/2006	16	4	5	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G16-007	738787.75	1010187.5	211	mV	9/26/2006	211	4	8	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G16-008	738759	1010175.25	143	mV	9/26/2006	143	4	3	MPPEH	10/3/2006	2.36" rkt head WP & burster	Pass	KC
SEAD-57 Buffer	G16-013	738699.75	1010174.75	25	mV	9/26/2006	25	4	6	MPPEH	10/3/2006	20mm he head	-	-
SEAD-57 Buffer	G16-020	738630.75	1010183.75	786	mV	9/26/2006	786	4	4	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G16-029	738678.5	1010211.75	52	mV	9/26/2006	52	4	14	Munitions Debris	10/3/2006	2.36" rkt pieces	-	-
SEAD-57 Buffer	G16-030	738699.5	1010223.25	27	mV	9/26/2006	27	4	5	MPPEH	10/3/2006	20mm he head	-	-
SEAD-57 Buffer	G16-032	738710	1010226.75	17	mV	9/26/2006	17	4	4	Munitions Debris	10/3/2006	Frag	-	-
SEAD-57 Buffer	G16-036	738718.75	1010210.5	83	mV	9/26/2006	83	4	5	Munitions Debris	10/3/2006	Frag	-	-
SEAD-57 Buffer	G18-008	738694.25	1010314	42	mV	9/26/2006	42	4	21	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G18-014	738628.9	1010314.88	19	mV	9/26/2006	19	4	6	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G18-015	738635	1010301	27	mV	9/26/2006	27	4	12	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G18-019	738655.5	1010257	16	mV	9/26/2006	16	4	5	Cultural Debris	10/3/2006	Nail	Pass	KC
SEAD-57 Buffer	G18-020	738683	1010270.25	75	mV	9/26/2006	75	4	11	Cultural Debris	10/3/2006	Scrap metal	Pass	KC

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		Depth (in)	Location Offset (in)	Type	Date	DIG RESULTS Item Description	QPOST-QC QC Code	QC Initials
		Location (ft)		Amp ²	Amp Unit	Date	Amp							
		Easting (X)	Northing (Y)											
SEAD-57 Buffer	M18-001	739411	1010459.75	20	mV	9/26/2006	20	4	9	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	M18-002	739414	1010456.25	17	mV	9/26/2006	17	4	7	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	M18-009	739418	1010256.5	59	mV	9/26/2006	59	4	6	Munitions Debris	9/28/2006	Empty 2.36" motor	Pass	KC
SEAD-57 Buffer	M18-011	739411.5	1010311.5	24	mV	9/26/2006	24	4	10	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	X16-002	737867	1010169.5	56	mV	10/2/2006	58	4	8	Munitions Debris	10/9/2006	Frag	Pass	KC
SEAD-57 Buffer	X16-005	737860	1010072.75	129	mV	10/2/2006	129	4	6	Munitions Debris	10/10/2006	Frag	Pass	KC
SEAD-57 Buffer	X18-001	737869.76	1010292.65	168	mV	10/2/2006	167	4	10	Munitions Debris	10/9/2006	Frag	Pass	KC
SEAD-57	57C14-0028	738169.75	1009753.75	1255	Mv	6/14/2006	1860	3	5	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0033	738220.25	1009759	512	Mv	6/14/2006	205	3	18	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57C14-0043	738198.25	1009753.5	343	Mv	6/14/2006	176	3	8	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0048	738226.5	1009753.25	297	Mv	6/14/2006	145	3	18	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0051	738189.75	1009819.75	244	Mv	6/14/2006	126	3	8	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0054	738092	1009767.25	233	Mv	6/14/2006	120	3	9	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57C14-0056	738248.25	1009807.5	213	Mv	6/14/2006	143	3	18	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0062	738245	1009773.25	191	Mv	6/14/2006	36	3	8	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0064	738175.75	1009772.25	172	Mv	6/14/2006	91	3	14	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0069	738242.25	1009929	150	Mv	6/14/2006	73	3	4	Cultural Debris	6/15/2006	Trash	Pass	KC
SEAD-57	57C14-0081	738209.5	1009787.75	115	Mv	6/14/2006	88	3	2	Cultural Debris	6/20/2006	Trash	-	-
SEAD-57	57C14-0088	738232.25	1009883.5	105	Mv	6/14/2006	50	3	24	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0095	738220.5	1009850.5	84	Mv	6/14/2006	64	3	4	Cultural Debris	6/15/2006	Trash	Pass	KC
SEAD-57	57C14-0104	738089.75	1009764.5	68	Mv	6/14/2006	78	3	14	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0106	738230.5	1009756.25	65	Mv	6/14/2006	56	3	1	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0111	738157.75	1009834.25	59	Mv	6/14/2006	15	3	4	Munitions Debris	6/15/2006	Frag	-	-
SEAD-57	57C14-0123	738180	1009798.5	53	Mv	6/14/2006	33	3	8	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0124	738153.25	1009831.25	52	Mv	6/14/2006	19	3	10	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0126	738161	1009826	50	Mv	6/14/2006	28	3	8	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57C14-0233	738169.75	1009827	18	Mv	9/11/2006	18	3	4	Munitions Debris	9/21/2006	Frag	Pass	KC
SEAD-57	57E04-0003	738477.928	1008657.708	40	Mv	9/11/2006	40	3	10	Cultural Debris	9/20/2006		Pass	KC
SEAD-57	57E04-0006	738489	1008700.75	17	Mv	9/11/2006	17	3	4	Munitions Debris	9/20/2006	MK25 pieces	Pass	KC
SEAD-57	57E04-0007	738475.614	1008714.862	13	Mv	9/11/2006	13	3	4	Munitions Debris	9/20/2006	MK25 pieces	-	-
SEAD-57	57E06-0003	738499.25	1008981	353	Mv	6/22/2006	190	3	4	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E06-0005	738467.75	1008963.25	210	Mv	6/22/2006	110	3	2	Munitions Debris	6/26/2006	Frag	Pass	KC
SEAD-57	57E06-0006	738486.25	1008937.25	209	Mv	6/22/2006	96	3	5	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E06-0021	738473.75	1008958.5	37	Mv	9/11/2006	37	3	4	Munitions Debris	9/20/2006	MK25 pieces	Pass	KC
SEAD-57	57E06-0031	738496.25	1008998.25	28	Mv	9/11/2006	28	3	6	Munitions Debris	9/20/2006	MK25 pieces	Pass	KC
SEAD-57	57E06-0036	738496.526	1008987.221	24	Mv	9/11/2006	24	3	4	Munitions Debris	9/20/2006	MK25 pieces	Pass	KC
SEAD-57	57E06-0038	738484.5	1008954	23	Mv	9/11/2006	23	3	6	Munitions Debris	9/20/2006	MK25 pieces	Pass	KC
SEAD-57	57E06-0054	738482.25	1008872.75	15	Mv	9/11/2006	15	3	5	Munitions Debris	9/20/2006	MK25 pieces	Pass	KC
SEAD-57	57E08-0007	738496	1009082.5	475	Mv	6/22/2006	140	3	2	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0018	738464	1009151.25	314	Mv	6/22/2006	209	3	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0031	738495.75	1009005.25	264	Mv	6/22/2006	266	3	8	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0046	738464.5	1009077.5	225	Mv	6/22/2006	152	3	1	Munitions Debris	6/26/2006	Frag	Pass	KC
SEAD-57	57E08-0049	738476	1009102.25	221	Mv	6/22/2006	99	3	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0051	738471.25	1009122.5	220	Mv	6/22/2006	99	3	12	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0055	738487.25	1009127.5	212	Mv	6/22/2006	126	3	6	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0082	738461.5	1009111	182	Mv	6/22/2006	100	3	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0087	738490.75	1009037.75	178	Mv	6/22/2006	90	3	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0094	738486.25	1009015.75	170	Mv	6/22/2006	84	3	4	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0104	738492	1009121	157	Mv	6/22/2006	99	3	20	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0124	738469.25	1009002.25	142	Mv	6/22/2006	129	3	6	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0132	738461.5	1009019.5	132	Mv	6/22/2006	108	3	4	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0138	738486.25	1009069.25	128	Mv	6/22/2006	79	3	2	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0144	738485	1009097	120	Mv	6/22/2006	101	3	6	Munitions Debris	6/26/2006	Frag	-	-

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		Depth (in)	Location Offset (in)	Type	Date	DIG RESULTS Item Description	QPOST-QC QC Code	DIG-QC QC Initials
		Location (ft)		Amp ²	Amp Unit	Date	Amp							
		Easting (X)	Northing (Y)											
SEAD-57	57E10-0127	738479.25	1009284.25	144	Mv	6/22/2006	96	3	0	Munitions Debris	7/6/2006	Alum MD	-	-
SEAD-57	57E10-0128	738481.75	1009321.25	142	Mv	6/27/2006	75	3	3	Munitions Debris	7/7/2006	Alum MD	Pass	KC
SEAD-57	57E10-0134	738475.75	1009345	137	Mv	6/27/2006	84	3	6	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57E10-0136	738440.461	1009401.724	136	Mv	6/27/2006	40	3	2	Munitions Debris	6/28/2006	Frag	-	-
SEAD-57	57E10-0145	738490.5	1009477.75	131	Mv	6/27/2006	105	3	0	Cultural Debris	6/27/2006	Alum	-	-
SEAD-57	57E10-0152	738454	1009317.25	122	Mv	6/28/2006	111	3	6	Munitions Debris	7/17/2006	Alum MD	-	-
SEAD-57	57E10-0153	738496	1009418	122	Mv	6/28/2006	83	3	0	Munitions Debris	6/28/2006	Alum MD	Pass	KC
SEAD-57	57E10-0160	738493.25	1009324	118	Mv	6/28/2006	70	3	2	Munitions Debris	7/19/2006	Alum MD	-	-
SEAD-57	57E10-0163	738457.5	1009382	118	Mv	6/27/2006	88	3	2	Munitions Debris	6/28/2006	Frag	-	-
SEAD-57	57E10-0164	738483	1009385.75	116	Mv	6/28/2006	89	3	0	Munitions Debris	6/28/2006	Alum MD	Pass	KC
SEAD-57	57E10-0169	738456.25	1009350.25	111	Mv	6/28/2006	94	3	0	Munitions Debris	6/28/2006	Alum MD	-	-
SEAD-57	57E10-0171	738487.5	1009466.25	110	Mv	6/27/2006	91	3	0	Cultural Debris	6/27/2006	Alum	-	-
SEAD-57	57E10-0173	738492	1009280.25	109	Mv	6/27/2006	119	3	3	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57E10-0174	738492	1009338.25	109	Mv	6/28/2006	147	3	2	Munitions Debris	7/17/2006	Alum MD	-	-
SEAD-57	57E10-0175	738450.5	1009386.75	108	Mv	6/27/2006	45	3	3	Munitions Debris	6/28/2006	Frag	-	-
SEAD-57	57E10-0176	738448.25	1009396	107	Mv	6/27/2006	74	3	2	Munitions Debris	6/28/2006	Frag	-	-
SEAD-57	57E10-0178	738477.25	1009272.25	106	Mv	6/22/2006	101	3	0	Munitions Debris	7/6/2006	Alum MD	-	-
SEAD-57	57E10-0180	738477.75	1009329.75	105	Mv	6/27/2006	81	3	8	Munitions Debris	7/7/2006	Alum MD	Pass	KC
SEAD-57	57E10-0186	738472.75	1009445	103	Mv	6/27/2006	118	3	1	Munitions Debris	6/28/2006	Frag	-	-
SEAD-57	57E10-0188	738493.75	1009261.25	102	Mv	6/22/2006	94	3	0	Munitions Debris	7/6/2006	Alum MD	-	-
SEAD-57	57E10-0189	738487.5	1009300.75	102	Mv	6/27/2006	98	3	4	Munitions Debris	6/27/2006	Alum MD 3"	-	-
SEAD-57	57E10-0193	738483.25	1009269.25	100	Mv	6/22/2006	82	3	0	Munitions Debris	7/6/2006	Alum MD	-	-
SEAD-57	57E10-0202	738474.5	1009389.5	92	Mv	6/28/2006	94	3	0	Munitions Debris	6/28/2006	Alum MD	Pass	KC
SEAD-57	57E10-0203	738498.5	1009430.75	90	Mv	6/28/2006	69	3	0	Munitions Debris	6/28/2006	Alum MD	-	-
SEAD-57	57E10-0205	738459.5	1009290.75	88	Mv	6/27/2006	90	3	2	Munitions Debris	6/27/2006	Alum MD 3"	-	-
SEAD-57	57E10-0206	738459.25	1009285.5	88	Mv	6/27/2006	66	3	2	Munitions Debris	6/27/2006	Alum MD 3"	-	-
SEAD-57	57E10-0210	738466.25	1009402.5	87	Mv	6/27/2006	60	3	3	Munitions Debris	6/28/2006	Frag	-	-
SEAD-57	57E10-0213	738472.5	1009470.25	87	Mv	6/27/2006	100	3	0	Cultural Debris	6/27/2006	Alum	-	-
SEAD-57	57E10-0214	738493	1009365.25	86	Mv	6/28/2006	83	3	0	Munitions Debris	6/28/2006	Alum MD	-	-
SEAD-57	57E10-0216	738478.25	1009326.25	85	Mv	6/27/2006	70	3	3	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57E10-0217	738482.75	1009252.75	85	Mv	7/5/2006	85	3	0	Munitions Debris	7/6/2006	Alum MD	-	-
SEAD-57	57E10-0218	738451.5	1009395.5	84	Mv	6/27/2006	20	3	0	Munitions Debris	6/28/2006	Frag	-	-
SEAD-57	57E10-0221	738497.75	1009375.25	80	Mv	6/28/2006	124	3	0	Munitions Debris	6/28/2006	Alum MD	-	-
SEAD-57	57E10-0222	738446.25	1009461.75	80	Mv	6/27/2006	90	3	0	Munitions Debris	6/28/2006	Frag	-	-
SEAD-57	57E10-0223	738497	1009337	80	Mv	6/28/2006	45	3	5	Munitions Debris	7/17/2006	Alum MD	-	-
SEAD-57	57E10-0224	738468.25	1009449.75	79	Mv	6/27/2006	80	3	0	Munitions Debris	6/28/2006	Frag	-	-
SEAD-57	57E10-0226	738497	1009297.5	79	Mv	6/27/2006	69	3	2	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57E10-0230	738476.5	1009301.5	73	Mv	6/22/2006	79	3	0	Munitions Debris	7/19/2006	Alum MD	-	-
SEAD-57	57E10-0233	738440.316	1009440.793	69	Mv	6/27/2006	93	3	0	Munitions Debris	6/28/2006	Frag	Pass	KC
SEAD-57	57E10-0237	738452.75	1009256.75	62	Mv	6/27/2006	82	3	0	Munitions Debris	6/27/2006	Alum	-	-
SEAD-57	57E10-0239	738469.5	1009356.75	61	Mv	6/27/2006	24	3	0	Munitions Debris	6/28/2006	Alum MD	-	-
SEAD-57	57E10-0243	738498.24	1009269.08	51	Mv	6/27/2006	110	3	5	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57E10-0284	738487.25	1009368.25	23	Mv	9/11/2006	23	3	8	Munitions Debris	9/20/2006	Frag	-	-
SEAD-57	57E12-0002	738458.5	1009706.25	959	Mv	6/29/2006	350	3	8	Cultural Debris	7/7/2006	Trash	-	-
SEAD-57	57E12-0009	738494.5	1009502.5	430	Mv	7/5/2006	180	3	2	Cultural Debris	7/7/2006	Trash	-	-
SEAD-57	57E12-0010	738470	1009584.75	332	Mv	7/5/2006	95	3	4	Munitions Debris	7/7/2006	Multiple digs/pieces + frag	Pass	KC
SEAD-57	57E12-0021	738495.25	1009537.25	251	Mv	7/5/2006	120	3	4	Munitions Debris	7/7/2006	Frag	-	-
SEAD-57	57E12-0024	738489.5	1009531.75	240	Mv	7/5/2006	125	3	2	Munitions Debris	7/7/2006	Frag	Pass	KC
SEAD-57	57E12-0025	738479.75	1009525	240	Mv	7/5/2006	90	3	2	Munitions Debris	7/7/2006	Frag	-	-
SEAD-57	57E12-0032	738478.5	1009505.75	219	Mv	7/5/2006	105	3	2	Munitions Debris	7/7/2006	Frag	-	-
SEAD-57	57E12-0033	738441	1009675.75	217	Mv	6/29/2006	110	3	2	Munitions Debris	7/7/2006	Frag	-	-
SEAD-57	57E12-0034	738470	1009659.5	217	Mv	6/29/2006	105	3	5	Munitions Debris	7/7/2006	Frag	-	-
SEAD-57	57E12-0035	738461.25	1009557.25	217	Mv	7/5/2006	85	3	2	Munitions Debris	7/7/2006	Frag	Pass	KC

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION			DIG RESULTS				QPOST-DIG QC	
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (In)	Location Offset (In)	Type	Date	Item Description	QC Code ³	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	57E14-0100	738300.75	1009818.25	116	Mv	6/28/2006	50	3	5	Munitions Debris	6/29/2006	Frag	-	-
SEAD-57	57E14-0113	738285.5	1009889	104	Mv	6/22/2006	52	3	0	Munitions Debris	7/19/2006	Alum MD	Pass	KC
SEAD-57	57E14-0114	738311	1009856.75	103	Mv	6/28/2006	25	3	1	Munitions Debris	6/29/2006	Frag	Pass	KC
SEAD-57	57E14-0117	738271.5	1009883.25	101	Mv	6/28/2006	50	3	1	Cultural Debris	6/29/2006	Trash	-	-
SEAD-57	57E14-0119	738492.5	1009838	98	Mv	6/28/2006	55	3	10	Cultural Debris	6/29/2006	Trash	-	-
SEAD-57	57E14-0122	738406.75	1009752.25	94	Mv	7/5/2006	94	3	10	Munitions Debris	7/19/2006	Alum MD	-	-
SEAD-57	57E14-0130	738344.25	1009865.25	85	Mv	6/28/2006	30	3	0	Munitions Debris	6/29/2006	Frag	-	-
SEAD-57	57E14-0147	738350.5	1009784.75	72	Mv	7/5/2006	72	3	18	Hot Soil	7/19/2006	Hot rock	-	-
SEAD-57	57E14-0148	738417.25	1009956	72	Mv	6/22/2006	20	3	12	Cultural Debris	7/19/2006	Steel scrap	-	-
SEAD-57	57E14-0149	738311	1009991.5	71	Mv	6/28/2006	25	3	1	Cultural Debris	6/29/2006	Trash	-	-
SEAD-57	57E14-0150	738484.75	1009996.25	71	Mv	6/28/2006	35	3	3	Cultural Debris	6/29/2006	Trash	-	-
SEAD-57	57E14-0157	738467.75	1009985.75	68	Mv	6/28/2006	30	3	2	Cultural Debris	6/29/2006	Trash	-	-
SEAD-57	57E14-0158	738485	1009943.25	67	Mv	6/28/2006	35	3	10	Cultural Debris	6/29/2006	Trash	-	-
SEAD-57	57E14-0160	738469.25	1009751.75	67	Mv	7/5/2006	67	3	4	Cultural Debris	7/19/2006	Steel scrap	-	-
SEAD-57	57E14-0162	738326.75	1009847.25	67	Mv	6/28/2006	30	3	2	Cultural Debris	6/29/2006	Trash	-	-
SEAD-57	57E14-0166	738421.75	1009846.75	65	Mv	6/22/2006	30	3	12	Cultural Debris	7/19/2006	Steel scrap	-	-
SEAD-57	57E14-0172	738403.25	1009980	61	Mv	6/22/2006	25	3	6	Munitions Debris	7/19/2006	Alum MD	Pass	KC
SEAD-57	57E14-0173	738313.5	1009997	60	Mv	6/28/2006	120	3	1	Cultural Debris	6/29/2006	Trash	-	-
SEAD-57	57E14-0174	738288	1009841.25	60	Mv	6/28/2006	17	3	0	Munitions Debris	6/29/2006	Frag	Pass	KC
SEAD-57	57E14-0178	738300.5	1009913.75	58	Mv	6/28/2006	20	3	2	Cultural Debris	6/29/2006	Trash	-	-
SEAD-57	57E14-0179	738335.25	1009963.25	58	Mv	6/22/2006	20	3	0	Munitions Debris	7/19/2006	Frag	-	-
SEAD-57	57E14-0181	738464.75	1009964	57	Mv	6/28/2006	35	3	4	Cultural Debris	6/29/2006	Trash	-	-
SEAD-57	57E14-0191	738351.75	1009986	55	Mv	6/22/2006	95	3	0	Cultural Debris	7/19/2006	Nails	-	-
SEAD-57	57E14-0200	738414.75	1009784	53	Mv	7/5/2006	53	3	10	Cultural Debris	7/19/2006	Alum scrap	Pass	KC
SEAD-57	57E14-0273	738356	1009804	39	Mv	9/11/2006	39	3	6	Cultural Debris	9/21/2006	-	Pass	KC
SEAD-57	57E14-0302	738430.25	1009767.75	35	Mv	9/11/2006	35	3	4	Cultural Debris	9/20/2006	-	-	-
SEAD-57	57E16-0002	738491.5	1010047	467	Mv	6/21/2006	60	3	1	Cultural Debris	6/22/2006	Trash	-	-
SEAD-57	57E16-0004	738466.5	1010050.25	228	Mv	6/21/2006	70	3	4	Cultural Debris	6/22/2006	Trash	Pass	KC
SEAD-57	57E16-0007	738466.75	1010040.75	174	Mv	6/21/2006	60	3	2	Cultural Debris	6/22/2006	Trash	Pass	KC
SEAD-57	57E16-0008	738490.75	1010051	171	Mv	6/21/2006	100	3	1	Cultural Debris	6/22/2006	Trash	-	-
SEAD-57	57E16-0010	738490.25	1010020.5	121	Mv	6/21/2006	115	3	2	Munitions Debris	6/22/2006	Frag	-	-
SEAD-57	57E16-0011	738469.5	1010041.75	120	Mv	6/21/2006	27	3	3	Cultural Debris	6/22/2006	Trash	Pass	KC
SEAD-57	57E16-0012	738497.75	1010005.5	100	Mv	6/21/2006	27	3	2	Munitions Debris	6/22/2006	Frag	Pass	KC
SEAD-57	57E16-0021	738499.669	1010034.522	37	Mv	9/11/2006	37	3	8	Munitions Debris	9/25/2006	Frag	Pass	KC
SEAD-57	57E16-0032	738358	1010011.75	20	Mv	9/11/2006	20	3	4	Munitions Debris	9/21/2006	Frag	Pass	KC
SEAD-57	57E16-0039	738459.25	1010031.5	16	Mv	9/11/2006	16	3	24	Munitions Debris	9/25/2006	Frag	Pass	KC
SEAD-57	57E16-0055	738432.75	1010039.5	12	Mv	9/11/2006	12	3	20	Munitions Debris	9/25/2006	Frag	-	-
SEAD-57	57G04-0011	738637	1008746.75	350	Mv	6/20/2006	190	3	6	Cultural Debris	6/20/2006	Steel scrap. Anomalies G04-0011 and G04-0032 are the same item.	-	-
SEAD-57	57G04-0016	738678.5	1008681.25	265	Mv	6/20/2006	130	3	2	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0018	738734.75	1008661.5	248	Mv	6/20/2006	150	3	24	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0020	738737.75	1008649.5	246	Mv	6/20/2006	100	3	6	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0022	738679.5	1008724.75	214	Mv	6/20/2006	180	3	2	Munitions Debris	6/20/2006	Alum MD	-	-
SEAD-57	57G04-0025	738735.25	1008627.5	205	Mv	6/20/2006	160	3	8	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0031	738726	1008744.25	191	Mv	6/20/2006	180	3	14	Munitions Debris	6/20/2006	Alum MD	-	-
SEAD-57	57G04-0032	738635.25	1008749.25	190	Mv	6/20/2006	140	3	7	Cultural Debris	6/20/2006	Steel scrap. Anomalies G04-0011 and G04-0032 are the same item.	-	-
SEAD-57	57G04-0034	738698.75	1008661	184	Mv	6/20/2006	115	3	4	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0046	738684	1008654.25	164	Mv	6/20/2006	95	3	3	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0047	738632.75	1008741.75	161	Mv	6/20/2006	85	3	5	Munitions Debris	6/20/2006	Alum MD	-	-
SEAD-57	57G04-0052	738675	1008655	153	Mv	6/20/2006	70	3	2	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0053	738748.75	1008620.5	153	Mv	6/20/2006	80	3	1	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0055	738668.5	1008620.25	146	Mv	6/20/2006	120	3	1	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0060	738677	1008694.25	133	Mv	6/20/2006	90	3	0	Cultural Debris	10/24/2006	Tent stake	-	-
SEAD-57	57G04-0064	738737.25	1008621	130	Mv	6/20/2006	120	3	20	Munitions Debris	6/21/2006	Frag	-	-

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	DGM ¹ and GPS SURVEY						REACQUISITION		DIG RESULTS				QPOST-DIG QC	
	Anomaly ID	Location (ft)		Amp ¹	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	57G14-0164	738710.607	1009756.92	248	Mv	6/13/2006	75	3	3	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0174	738604.75	1009891	216	Mv	6/13/2006	165	3	3	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0175	738660	1009761.75	215	Mv	6/14/2006	120	3	6	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0178	738515.25	1009933.75	214	Mv	6/13/2006	102	3	2	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0185	738610.75	1009760	203	Mv	6/13/2006	125	3	8	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0191	738741.372	1009949.689	198	Mv	6/14/2006	171	3	8	Munitions Debris	6/19/2006	frag	-	-
SEAD-57	57G14-0192	738712.25	1009751.5	196	Mv	6/13/2006	102	3	2	Munitions Debris	6/19/2006	Frag	Pass	KC
SEAD-57	57G14-0205	738527.75	1009983.25	182	Mv	6/13/2006	89	3	2	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57G14-0211	738606.5	1009993.75	174	Mv	7/11/2006	89	3	2	Cultural Debris	7/12/2006	Cable	-	-
SEAD-57	57G14-0213	738515.75	1009954.25	173	Mv	6/13/2006	86	3	1	Cultural Debris	6/15/2006	Trash	-	-
SEAD-57	57G14-0214	738725	1009956	171	Mv	6/14/2006	97	3	1	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0215	738608.5	1009992.75	171	Mv	7/11/2006	72	3	2	Cultural Debris	7/12/2006	Cable	-	-
SEAD-57	57G14-0217	738728	1009881	167	Mv	6/13/2006	156	3	14	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0219	738583.25	1009824	163	Mv	6/13/2006	71	3	1	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0221	738512.244	1009933.04	162	Mv	6/13/2006	77	3	2	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0225	738572.75	1009957.5	158	Mv	6/13/2006	100	3	8	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0227	738554	1009929.25	157	Mv	6/13/2006	170	3	3	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0228	738561	1009818.5	156	Mv	6/21/2006	100	3	2	Munitions Debris	6/22/2006	Frag	Pass	KC
SEAD-57	57G14-0232	738549.5	1009814.25	149	Mv	6/21/2006	120	3	2	Munitions Debris	6/22/2006	Frag	Pass	KC
SEAD-57	57G14-0234	738520.75	1009765.25	146	Mv	6/14/2006	74	3	4	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0235	738580	1009789.25	146	Mv	6/13/2006	110	3	6	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0242	738654	1009771.5	141	Mv	6/14/2006	122	3	8	Munitions Debris	6/20/2006	Frag	Pass	KC
SEAD-57	57G14-0245	738588.25	1009765.75	138	Mv	6/14/2006	55	3	5	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0250	738589.87	1009777.947	134	Mv	6/21/2006	50	3	8	Munitions Debris	7/19/2006	Steel scrap Frag	-	-
SEAD-57	57G14-0251	738522.25	1009935.25	133	Mv	6/13/2006	43	3	4	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0254	738614	1009761.5	132	Mv	6/13/2006	112	3	8	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0256	738510	1009920.75	127	Mv	6/13/2006	17	3	2	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0258	738646.75	1009758.75	126	Mv	6/13/2006	102	3	4	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0261	738720.5	1009766.75	123	Mv	6/13/2006	140	3	5	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0266	738714.75	1009765.75	117	Mv	6/13/2006	55	3	2	Cultural Debris	6/19/2006	Trash	Pass	KC
SEAD-57	57G14-0271	738514.882	1009937.217	112	Mv	6/13/2006	81	3	8	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0272	738675.25	1009840.25	112	Mv	6/13/2006	113	3	1	Munitions Debris	6/20/2006	Frag	Pass	KC
SEAD-57	57G14-0276	738598.75	1009818.75	110	Mv	6/13/2006	70	3	1	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0279	738505.75	1009813	109	Mv	6/13/2006	35	3	5	Cultural Debris	6/20/2006	Trash	Pass	KC
SEAD-57	57G14-0281	738702	1009787.75	105	Mv	6/13/2006	136	3	8	Cultural Debris	6/20/2006	Trash	-	-
SEAD-57	57G14-0284	738560.75	1009927	104	Mv	6/13/2006	180	3	8	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0286	738687.75	1009755.75	101	Mv	6/14/2006	55	3	1	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0290	738587	1009975.25	98	Mv	7/11/2006	70	3	10	Munitions Debris	7/12/2006	Frag	-	-
SEAD-57	57G14-0291	738666.75	1009994.75	98	Mv	7/11/2006	50	3	2	Cultural Debris	7/12/2006	Wire	-	-
SEAD-57	57G14-0298	738613.5	1009949.5	94	Mv	7/11/2006	52	3	20	Cultural Debris	7/12/2006	Trash	-	-
SEAD-57	57G14-0301	738596.25	1009790.75	93	Mv	6/13/2006	58	3	24	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0309	738680.5	1009784.25	92	Mv	6/13/2006	95	3	2	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0311	738541.75	1009935.5	90	Mv	6/13/2006	36	3	10	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0317	738597.75	1009786.75	86	Mv	6/13/2006	59	3	8	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0318	738532.25	1009953	86	Mv	6/13/2006	67	3	3	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0320	738689.75	1009801.75	85	Mv	6/13/2006	30	3	2	Cultural Debris	6/20/2006	Trash	-	-
SEAD-57	57G14-0330	738585.5	1009849.5	80	Mv	6/13/2006	30	3	8	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0333	738622.693	1009796.557	78	Mv	6/13/2006	25	3	12	Cultural Debris	6/20/2006	Trash	-	-
SEAD-57	57G14-0334	738697.125	1009772.125	78	Mv	6/13/2006	114	3	4	Munitions Debris	6/20/2006	Frag	Pass	KC
SEAD-57	57G14-0339	738746.75	1009824	75	Mv	6/12/2006	51	3	4	Munitions Debris	6/15/2006	Frag	-	-
SEAD-57	57G14-0359	738626	1009840.25	70	Mv	6/13/2006	41	3	0	Munitions Debris	10/24/2006	Small Arms, casing	-	-
SEAD-57	57G14-0361	738670.5	1009776.5	69	Mv	6/13/2006	30	3	3	Cultural Debris	6/20/2006	Trash	-	-
SEAD-57	57G14-0363	738644	1009865.25	68	Mv	6/13/2006	23	3	4	Cultural Debris	6/20/2006	Trash	-	-

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	57G16-0134	738732	1010006.75	39	Mv	9/11/2006	39	3	24	Munitions Debris	9/25/2006	Frag	Pass	KC
SEAD-57	57G16-0145	738734.5	1010070.75	35	Mv	9/11/2006	35	3	10	Munitions Debris	9/25/2006	Frag	Pass	KC
SEAD-57	57G16-0190	738702.75	1010094	27	Mv	9/11/2006	27	3	4	Munitions Debris	9/25/2006	Frag	Pass	KC
SEAD-57	57104-0004	738799.25	1008701	1579	Mv	6/29/2006	30	3	10	Munitions Debris	7/7/2006	Alum MD	Pass	KC
SEAD-57	57104-0008	738776.5	1008663	828	Mv	6/29/2006	490	3	0	Cultural Debris	7/7/2006	Wire 7' long	-	-
SEAD-57	57104-0011	738786.807	1008598.688	635	Mv	6/29/2006	254	3	0	Cultural Debris	7/7/2006	Cable 7' long	-	-
SEAD-57	57104-0021	738793.75	1008634	453	Mv	6/29/2006	135	3	0	Cultural Debris	7/7/2006	Pipe 8" long	-	-
SEAD-57	57104-0022	738811.25	1008602	452	Mv	6/29/2006	287	3	0	Munitions Debris	7/7/2006	Frag MD	-	-
SEAD-57	57104-0024	738813.25	1008658.5	438	Mv	6/29/2006	260	3	3	Munitions Debris	7/7/2006	Steel MD Frag	-	-
SEAD-57	57104-0030	738822.5	1008695.75	367	Mv	6/29/2006	330	3	2	Munitions Debris	7/7/2006	Steel MD 2.36 Motor part	-	-
SEAD-57	57104-0031	738787.25	1008650.25	366	Mv	6/29/2006	160	3	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0032	738754.5	1008712.5	358	Mv	6/29/2006	370	3	0	Munitions Debris	7/7/2006	Alum MD	Pass	KC
SEAD-57	57104-0039	738828.75	1008734	325	Mv	6/29/2006	164	3	2	Munitions Debris	7/7/2006	Lead MD	-	-
SEAD-57	57104-0040	738976.75	1008662.25	320	Mv	6/29/2006	220	3	4	Munitions Debris	7/7/2006	Alum MD Fuze	-	-
SEAD-57	57104-0044	738818.25	1008632.75	281	Mv	6/29/2006	390	3	6	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0045	738809.5	1008720.75	264	Mv	6/29/2006	180	3	4	Cultural Debris	7/7/2006	Steel scrap	-	-
SEAD-57	57104-0047	738812.5	1008684.25	255	Mv	6/29/2006	75	3	1	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0051	738957.25	1008644.25	242	Mv	6/29/2006	120	3	6	Cultural Debris	7/7/2006	Steel scrap	-	-
SEAD-57	57104-0053	738806.5	1008636.5	236	Mv	6/29/2006	139	3	2	Munitions Debris	6/15/2006	Alum MD	-	-
SEAD-57	57104-0056	738777	1008699.75	223	Mv	6/29/2006	150	3	5	Munitions Debris	7/7/2006	Steel MD	Pass	KC
SEAD-57	57104-0058	738930.25	1008712.75	219	Mv	6/29/2006	126	3	2	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0065	738999.5	1008660	203	Mv	6/29/2006	120	3	1	Munitions Debris	7/7/2006	Steel MD Frag	-	-
SEAD-57	57104-0074	738844.75	1008705	172	Mv	6/29/2006	73	3	8	Cultural Debris	7/7/2006	Steel scrap	Pass	KC
SEAD-57	57104-0075	738783	1008693.75	167	Mv	6/29/2006	100	3	7	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0076	738782.25	1008661.75	165	Mv	6/29/2006	135	3	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0077	738998.25	1008624	165	Mv	6/29/2006	136	3	4	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0078	738937.25	1008730.25	163	Mv	6/29/2006	135	3	2	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0081	738808	1008689.25	156	Mv	6/29/2006	155	3	1	Munitions Debris	7/7/2006	Steel MD Fuze part	-	-
SEAD-57	57104-0086	738806	1008612.5	151	Mv	6/29/2006	119	3	5	Munitions Debris	7/7/2006	Alum MD	Pass	KC
SEAD-57	57104-0096	738880.75	1008744	139	Mv	6/29/2006	120	3	6	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0106	738800	1008693.75	122	Mv	6/29/2006	161	3	4	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0109	738808.962	1008748.834	121	Mv	6/29/2006	30	3	10	Cultural Debris	7/7/2006	Steel scrap	-	-
SEAD-57	57104-0114	738841	1008632.5	111	Mv	7/11/2006	130	3	24	Munitions Debris	8/23/2006	Alum MD	-	-
SEAD-57	57104-0115	738825.75	1008717.75	111	Mv	6/29/2006	110	3	2	Munitions Debris	7/7/2006	Steel MD MKII	-	-
SEAD-57	57104-0125	738821.5	1008600	95	Mv	6/29/2006	97	3	5	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0127	738960.25	1008644.5	95	Mv	6/29/2006	59	3	6	Cultural Debris	7/7/2006	Steel scrap	-	-
SEAD-57	57104-0130	738791.5	1008658.75	92	Mv	6/29/2006	130	3	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0136	738934.5	1008683.75	85	Mv	6/29/2006	46	3	8	Munitions Debris	7/7/2006	Steel MD Frag	-	-
SEAD-57	57104-0139	738999.25	1008663.75	83	Mv	6/29/2006	50	3	1	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0141	738960.75	1008640.25	81	Mv	6/29/2006	80	3	8	Cultural Debris	7/7/2006	Steel scrap	-	-
SEAD-57	57104-0144	738999.25	1008675.5	79	Mv	6/29/2006	9	3	2	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0149	738818.25	1008704.25	75	Mv	6/29/2006	105	3	2	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0150	738750.5	1008733.75	75	Mv	6/29/2006	40	3	0	Cultural Debris	7/7/2006	Nail 3" long	Pass	KC
SEAD-57	57104-0158	738825.25	1008600.25	69	Mv	6/29/2006	10	3	3	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0159	738825.5	1008602	69	Mv	6/29/2006	105	3	2	Munitions Debris	7/7/2006	Alum MD	Pass	KC
SEAD-57	57104-0160	738783.25	1008676.75	69	Mv	6/29/2006	62	3	0	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0165	738875	1008706.75	65	Mv	6/29/2006	23	3	4	Munitions Debris	7/7/2006	Alum MD	Pass	KC
SEAD-57	57104-0168	738939.25	1008638.25	64	Mv	6/29/2006	48	3	3	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0169	738957.75	1008740.25	63	Mv	6/29/2006	13	3	3	Munitions Debris	7/7/2006	Steel MD Frag	-	-
SEAD-57	57104-0174	738767.25	1008721.25	62	Mv	6/29/2006	108	3	6	Munitions Debris	7/7/2006	Alum MD	Pass	KC
SEAD-57	57104-0175	738936.5	1008691.75	61	Mv	6/29/2006	55	3	4	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0177	738936	1008635.75	61	Mv	6/29/2006	55	3	6	Cultural Debris	7/7/2006	Steel scrap	-	-
SEAD-57	57104-0180	738799.75	1008744.75	59	Mv	6/29/2006	70	3	14	Munitions Debris	7/7/2006	Alum MD	-	-

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION			DIG RESULTS				QPOST-DIG QC	
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (In)	Location Offset (In)	Type	Date	Item Description	QC Code	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	57114-0200	738793.75	1009844.5	131	Mv	6/28/2006	148	3	0	Cultural Debris	8/23/2006	Scrap metal	-	-
SEAD-57	57114-0204	738909.5	1009772	128	Mv	6/20/2006	40	3	0	Munitions Debris	7/19/2006	Frag	-	-
SEAD-57	57114-0205	738819.25	1009878.75	128	Mv	6/22/2006	75	3	0	Cultural Debris	7/19/2006	Alum	-	-
SEAD-57	57114-0207	738959	1009805.5	125	Mv	6/20/2006	40	3	0	Cultural Debris	7/19/2006	Alum	-	-
SEAD-57	57114-0208	738967.75	1009766.75	125	Mv	6/20/2006	65	3	1	Munitions Debris	6/27/2006	Frag	-	-
SEAD-57	57114-0212	738969.5	1009866.75	122	Mv	6/19/2006	45	3	2	Cultural Debris	6/28/2006	Steel scrap 3"	Pass	KC
SEAD-57	57114-0216	738839.75	1009772.5	119	Mv	6/27/2006	108	3	0	Munitions Debris	8/23/2006	Alum MD	-	-
SEAD-57	57114-0221	738824.25	1009919.75	116	Mv	6/28/2006	55	3	24	Cultural Debris	6/15/2006	Steel scrap	-	-
SEAD-57	57114-0223	738953.5	1009801.5	114	Mv	6/20/2006	100	3	0	Cultural Debris	7/19/2006	Alum	-	-
SEAD-57	57114-0229	738764.5	1009772.25	111	Mv	6/20/2006	85	3	4	Munitions Debris	6/22/2006	Frag	-	-
SEAD-57	57114-0240	738804	1009881	106	Mv	6/22/2006	105	3	0	Cultural Debris	7/19/2006	Alum	-	-
SEAD-57	57114-0241	738793.25	1009853.75	106	Mv	6/28/2006	46	3	0	Munitions Debris	8/23/2006	Frag MD	-	-
SEAD-57	57114-0245	738828	1009851	105	Mv	6/27/2006	63	3	0	Munitions Debris	7/19/2006	Frag MD	-	-
SEAD-57	57114-0250	738816.5	1009892.25	103	Mv	6/22/2006	30	3	0	Cultural Debris	7/19/2006	Wire	-	-
SEAD-57	57114-0253	738752	1009826	101	Mv	6/22/2006	30	3	5	Munitions Debris	6/27/2006	Frag	-	-
SEAD-57	57114-0258	738793.25	1009870.25	99	Mv	6/28/2006	34	3	0	Cultural Debris	8/23/2006	Scrap metal	-	-
SEAD-57	57114-0261	738777.75	1009819	96	Mv	6/22/2006	40	3	4	Cultural Debris	6/27/2006	Trash	-	-
SEAD-57	57114-0266	738927.5	1009787.75	93	Mv	6/20/2006	15	3	0	Munitions Debris	7/19/2006	Frag	Pass	KC
SEAD-57	57114-0267	738796.75	1009826.75	92	Mv	6/22/2006	105	3	2	Munitions Debris	6/27/2006	Frag	-	-
SEAD-57	57114-0271	738881.75	1009784	90	Mv	6/6/2006	90	3	0	Cultural Debris	8/23/2006	Wire	Pass	KC
SEAD-57	57114-0274	738859.5	1009846.5	89	Mv	6/27/2006	73	3	0	Munitions Debris	8/23/2006	Frag MD	-	-
SEAD-57	57114-0287	738970	1009776.25	83	Mv	6/20/2006	35	3	1	Munitions Debris	6/27/2006	Frag	Pass	KC
SEAD-57	57114-0292	738821.25	1009760.25	82	Mv	6/20/2006	110	3	1	Munitions Debris	6/22/2006	Frag	Pass	KC
SEAD-57	57114-0302	738881.25	1009871.75	77	Mv	6/27/2006	28	3	0	Cultural Debris	8/23/2006	Spark plug	-	-
SEAD-57	57114-0309	738919.5	1009753	75	Mv	6/20/2006	85	3	3	Munitions Debris	6/27/2006	Frag	Pass	KC
SEAD-57	57114-0310	738816.25	1009869.25	75	Mv	6/22/2006	35	3	0	Cultural Debris	10/24/2006	Scrap metal	-	-
SEAD-57	57114-0312	738792	1009978.25	73	Mv	6/22/2006	30	3	8	Cultural Debris	6/28/2006	Trash	Pass	KC
SEAD-57	57114-0317	738771.75	1009863	72	Mv	6/28/2006	39	3	2	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57114-0321	738840.5	1009796.75	69	Mv	6/27/2006	140	3	0	Munitions Debris	8/23/2006	Alum MD	-	-
SEAD-57	57114-0325	738963.25	1009843.5	67	Mv	6/12/2006	23	3	14	Munitions Debris	6/22/2006	Frag	-	-
SEAD-57	57114-0326	738954.75	1009783	67	Mv	6/20/2006	15	3	2	Munitions Debris	6/27/2006	Frag	-	-
SEAD-57	57114-0330	738840	1009844.5	66	Mv	6/27/2006	25	3	0	Munitions Debris	8/23/2006	Alum MD	-	-
SEAD-57	57114-0333	738791.25	1009894	66	Mv	6/22/2006	45	3	3	Cultural Debris	6/27/2006	Trash	Pass	KC
SEAD-57	57114-0339	738813.5	1009889.75	63	Mv	6/12/2006	51	3	0	Cultural Debris	8/23/2006	Wire	-	-
SEAD-57	57114-0344	738764.25	1009751.75	62	Mv	6/27/2006	120	3	2	Cultural Debris	7/7/2006	Steel scrap	-	-
SEAD-57	57114-0357	738968.5	1009806.75	58	Mv	6/20/2006	20	3	0	Cultural Debris	7/19/2006	Alum	-	-
SEAD-57	57114-0359	738969.75	1009793.5	57	Mv	6/20/2006	35	3	20	Munitions Debris	6/27/2006	Frag	-	-
SEAD-57	57114-0385	738837	1009878	51	Mv	6/22/2006	30	3	0	Cultural Debris	7/19/2006	Alum	-	-
SEAD-57	57114-0388	738979.25	1009821.5	50	Mv	7/6/2006	999	3	20	Cultural Debris	10/26/2006	Scrap metal	-	-
SEAD-57	57114-0404	738768.25	1009758.25	46	Mv	9/11/2006	46	3	6	Munitions Debris	9/25/2006	Flare scrap piece	Pass	KC
SEAD-57	57114-0437	738784.25	1009881.25	41	Mv	9/11/2006	41	3	8	Munitions Debris	9/25/2006	Flare scrap piece	Pass	KC
SEAD-57	57114-0528	738777.25	1009805	31	Mv	9/11/2006	31	3	18	Cultural Debris	9/25/2006	Wire	Pass	KC
SEAD-57	57114-0711	738795	1009859.75	21	Mv	9/11/2006	21	3	6	Munitions Debris	9/25/2006	Flare scrap piece	Pass	KC
SEAD-57	57114-0757	738953.25	1009778.25	19	Mv	9/11/2006	19	3	9	Munitions Debris	9/25/2006	Flare scrap piece	Pass	KC
SEAD-57	57114-0939	738869.25	1009795.75	13	Mv	9/11/2006	13	3	4	Munitions Debris	9/25/2006	Flare scrap piece	Pass	KC
SEAD-57	57116-0006	738777.5	1010112	2883	Mv	6/12/2006	30	3	1	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57116-0019	738867	1010131	601	Mv	6/12/2006	319	3	0	Cultural Debris	6/13/2006	Trash	Pass	KC
SEAD-57	57116-0020	738867	1010094.75	593	Mv	6/12/2006	250	3	5	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57116-0026	738867	1010092	304	Mv	6/12/2006	225	3	0	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57116-0027	738857	1010143.25	303	Mv	6/12/2006	56	3	1	Cultural Debris	6/13/2006	Trash	Pass	KC
SEAD-57	57116-0030	738944.75	1010039.25	236	Mv	6/7/2006	77	3	0	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57116-0033	738854.25	1010067	190	Mv	6/12/2006	103	3	0	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57116-0035	738856.5	1010054.75	169	Mv	6/12/2006	99	3	2	Cultural Debris	6/13/2006	Trash	-	-

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	DGM ¹ and GPS SURVEY					REACQUISITION		DIG RESULTS				QPOST-DIG QC		
	Anomaly ID	Location (ft)		Amp ¹	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
		Eastings (X)	Northing (Y)											
SEAD-57	57K12-0182	739008	1009661	144	Mv	6/1/2006	110	3	0	Cultural Debris	6/8/2006	Alum scrap	-	-
SEAD-57	57K12-0186	739151.5	1009638.5	140	Mv	6/1/2006	999	3	0	Cultural Debris	6/8/2006	Alum washer 1" x 1"	-	-
SEAD-57	57K12-0195	739038.25	1009684.5	132	Mv	6/1/2006	107	3	6	Cultural Debris	7/5/2006	Alum	-	-
SEAD-57	57K12-0199	739042.25	1009636.25	131	Mv	6/1/2006	999	3	0	Cultural Debris	6/8/2006	Alum disk 3"	-	-
SEAD-57	57K12-0207	739119	1009748.5	126	Mv	8/1/2006	126	3	1	Cultural Debris	8/1/2006	Steel	-	-
SEAD-57	57K12-0210	739224	1009681.75	124	Mv	6/1/2006	999	3	0	Cultural Debris	6/5/2006	Wire	-	-
SEAD-57	57K12-0217	739166.25	1009647.25	120	Mv	6/1/2006	115	3	0	Cultural Debris	6/8/2006	Alum disk 3"	-	-
SEAD-57	57K12-0219	739076	1009644.75	116	Mv	8/1/2006	116	3	0	Cultural Debris	8/1/2006	Alum	-	-
SEAD-57	57K12-0229	739045	1009664	107	Mv	8/1/2006	107	3	0	Cultural Debris	8/1/2006	Alum	-	-
SEAD-57	57K12-0233	739097.75	1009717.5	104	Mv	8/1/2006	104	3	0	Cultural Debris	8/1/2006	Steel wire	-	-
SEAD-57	57K12-0236	739220.75	1009681.75	102	Mv	6/1/2006	999	3	0	Cultural Debris	6/7/2006	Trash	-	-
SEAD-57	57K12-0248	739051.25	1009657.25	95	Mv	6/1/2006	59	3	0	Cultural Debris	6/8/2006	Alum	-	-
SEAD-57	57K12-0253	739130	1009635	91	Mv	6/1/2006	24	3	0	Cultural Debris	6/8/2006	2 Steel washer	-	-
SEAD-57	57K12-0257	739118.5	1009743.5	89	Mv	8/1/2006	89	3	4	Cultural Debris	8/22/2006	Steel wire	-	-
SEAD-57	57K12-0272	739140.25	1009627.25	80	Mv	6/1/2006	999	3	10	Cultural Debris	6/8/2006	Steel wire. Anomalies K12-0272 and a blank flag were pulled and associated with same item.	-	-
SEAD-57	57K12-0278	739209.75	1009732.25	75	Mv	6/1/2006	999	3	0	Cultural Debris	6/5/2006	Alum disk	-	-
SEAD-57	57K12-0284	739127.75	1009621	72	Mv	6/1/2006	36	3	0	Cultural Debris	6/8/2006	Alum	Pass	KC
SEAD-57	57K12-0290	739135	1009629.5	68	Mv	6/1/2006	114	3	0	Cultural Debris	6/8/2006	Steel	-	-
SEAD-57	57K12-0292	739208.75	1009635	68	Mv	6/1/2006	51	3	0	Cultural Debris	6/7/2006	Trash	-	-
SEAD-57	57K12-0307	739052.25	1009652.25	60	Mv	8/1/2006	60	3	10	Cultural Debris	8/22/2006	Alum	-	-
SEAD-57	57K12-0321	739124.75	1009647	53	Mv	6/1/2006	68	3	0	Cultural Debris	6/8/2006	Steel	Pass	KC
SEAD-57	57K12-0325	739072.5	1009673	51	Mv	6/1/2006	27	3	0	Cultural Debris	7/5/2006	Alum	Pass	KC
SEAD-57	57K14-0008	739142.25	1009905.75	2831	Mv	6/8/2006	1244	3	24	Cultural Debris	6/13/2006	Trash, Dug to a depth of 3in around the flag	-	-
SEAD-57	57K14-0012	739144.25	1009908.5	1646	Mv	6/8/2006	791	3	24	Cultural Debris	6/13/2006	Dug area to a depth of 3in around the flag	-	-
SEAD-57	57K14-0017	739147	1009804.25	1173	Mv	6/5/2006	350	3	1	Cultural Debris	6/5/2006	Trash	-	-
SEAD-57	57K14-0022	739247.25	1009855.75	935	Mv	6/5/2006	325	3	5	Cultural Debris	6/12/2006	Trash	Pass	KC
SEAD-57	57K14-0027	739136.25	1009898.5	749	Mv	6/8/2006	209	3	24	Cultural Debris	6/14/2006	Trash	-	-
SEAD-57	57K14-0037	739057.5	1009771.25	525	Mv	7/19/2006	525	3	20	Munitions Debris	10/19/2006	2.23 motor -same as #97	-	-
SEAD-57	57K14-0040	739067	1009756.5	471	Mv	7/19/2006	471	3	10	Munitions Debris	10/26/2006	Frag	-	-
SEAD-57	57K14-0053	739047.5	1009983.75	393	Mv	6/8/2006	170	3	12	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K14-0057	739135.25	1009812.5	366	Mv	6/5/2006	170	3	10	Cultural Debris	6/5/2006	Trash	-	-
SEAD-57	57K14-0058	739054	1009944	353	Mv	6/8/2006	175	3	12	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K14-0061	739092.25	1009780.75	345	Mv	6/12/2006	130	3	4	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K14-0065	739249.25	1009834.75	337	Mv	6/5/2006	150	3	2	Cultural Debris	8/1/2006	Trash	-	-
SEAD-57	57K14-0074	739108.75	1009891	265	Mv	6/8/2006	193	3	2	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K14-0075	739117.5	1009793	260	Mv	7/19/2006	260	3	4	Cultural Debris	10/26/2006	Trash	-	-
SEAD-57	57K14-0084	739109.75	1009842	240	Mv	6/12/2006	146	3	3	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K14-0085	739148.25	1009928	238	Mv	6/8/2006	85	3	3	Cultural Debris	6/12/2006	Steel scrap	-	-
SEAD-57	57K14-0088	739021.25	1009876.25	231	Mv	6/8/2006	104	3	6	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K14-0097	739055	1009773.75	206	Mv	7/19/2006	206	3	24	Munitions Debris	10/19/2006	2.36 motor	-	-
SEAD-57	57K14-0098	739217.75	1009875.25	206	Mv	6/8/2006	156	3	14	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K14-0104	739017	1009939.25	199	Mv	6/12/2006	65	3	10	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K14-0109	739051.5	1009988.5	184	Mv	6/8/2006	160	3	8	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K14-0121	739140.25	1009898.5	165	Mv	6/8/2006	15	3	0	Cultural Debris	10/24/2006	Scrap metal	Pass	KC
SEAD-57	57K14-0132	739201.5	1009803.5	146	Mv	6/5/2006	110	3	0	Cultural Debris	6/7/2006	Alum disc	-	-
SEAD-57	57K14-0133	739010.5	1009867.25	144	Mv	6/8/2006	133	3	2	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K14-0138	739035.5	1009947.5	140	Mv	6/8/2006	102	3	4	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K14-0146	739181.5	1009782.75	133	Mv	6/5/2006	55	3	2	Cultural Debris	6/5/2006	Trash	-	-
SEAD-57	57K14-0148	739071.75	1009778.5	132	Mv	6/12/2006	130	3	1	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K14-0153	739138.748	1009896.057	129	Mv	6/8/2006	31	3	24	Cultural Debris	6/14/2006	Trash	-	-
SEAD-57	57K14-0163	739189.75	1009818.25	117	Mv	6/5/2006	30	3	10	Cultural Debris	6/5/2006	Trash	-	-
SEAD-57	57K14-0164	739122	1009929.25	116	Mv	6/8/2006	72	3	8	Cultural Debris	6/13/2006	Trash	-	-

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	DGM ¹ and GPS SURVEY					REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Anomaly ID	Location (ft)		Amp ¹	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	57K16-0102	739044.75	1010150.5	77	Mv	6/7/2006	28	3	1	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K16-0110	739108.25	1010145.25	64	Mv	6/7/2006	50	3	0	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K16-0118	739027.25	1010117.5	59	Mv	6/7/2006	30	3	1	Cultural Debris	6/13/2006	Trash	-	-
SEAD-57	57K16-0119	739074.5	1010126	55	Mv	6/7/2006	31	3	2	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K16-0129	739075.75	1010110.25	51	Mv	6/7/2006	22	3	1	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57K16-0142	739144	1010102.75	45	Mv	9/11/2006	45	3	4	Cultural Debris	9/21/2006	Wrench	Pass	KC
SEAD-57	57K16-0149	739125	1010084.75	43	Mv	9/11/2006	43	3	10	Cultural Debris	9/21/2006	Shotgun shell	Pass	KC
SEAD-57	57K16-0154	739134.25	1010100.75	41	Mv	9/11/2006	41	3	19	Cultural Debris	9/21/2006	Nail piece	Pass	KC
SEAD-57	57K16-0183	739240.25	1010118	32	Mv	9/11/2006	32	3	12	Cultural Debris	9/21/2006	Lead strip	Pass	KC
SEAD-57	57M06-0024	739380	1008984.25	35	Mv	9/11/2006	35	3	0	Hot Soil	9/20/2006	Hot rock	Pass	KC
SEAD-57	57M06-0080	739387.25	1008968	22	Mv	9/11/2006	22	3	24	Munitions Debris	9/20/2006	Frag	-	-
SEAD-57	57M08-0019	739442.5	1009186.75	178	Mv	6/5/2006	999	3	0	Cultural Debris	7/5/2006	Alum cap	-	-
SEAD-57	57M08-0022	739473.5	1009192.25	166	Mv	6/5/2006	999	3	0	Munitions Debris	7/5/2006	Frag 1"x2"	-	-
SEAD-57	57M08-0028	739435.25	1009187.5	118	Mv	6/5/2006	999	3	0	Cultural Debris	7/5/2006	Alum cap	-	-
SEAD-57	57M08-0031	739478.25	1009117.5	90	Mv	6/5/2006	999	3	0	Cultural Debris	7/5/2006	Alum 1"x3"	-	-
SEAD-57	57M08-0032	739425.25	1009201	86	Mv	6/5/2006	999	3	0	Munitions Debris	7/5/2006	frag 1"x2"	Pass	KC
SEAD-57	57M08-0037	739428.5	1009091	75	Mv	6/5/2006	999	3	0	Cultural Debris	7/5/2006	Alum strip 1"x4"	Pass	KC
SEAD-57	57M08-0042	739425	1009015.5	59	Mv	6/5/2006	999	3	0	Munitions Debris	7/5/2006	Frag 1"x3"	-	-
SEAD-57	57M08-0043	739416.75	1009017.25	58	Mv	6/5/2006	999	3	0	Munitions Debris	7/5/2006	Frag 1"x3"	-	-
SEAD-57	57M08-0057	739471.75	1009190.25	41	Mv	9/11/2006	41	3	24	Cultural Debris	9/20/2006	Bolt	Pass	KC
SEAD-57	57M08-0060	739473.25	1009098	39	Mv	9/11/2006	39	3	12	Munitions Debris	9/20/2006	Frag	Pass	KC
SEAD-57	57M08-0070	739465.25	1009236.75	36	Mv	9/11/2006	36	3	19	Munitions Debris	9/20/2006	Frag	Pass	KC
SEAD-57	57M08-0088	739439	1009243	31	Mv	9/11/2006	31	3	15	Munitions Debris	9/20/2006	Frag	Pass	KC
SEAD-57	57M10-0001	739460.75	1009463.75	61294	Mv	8/1/2006	5000	3	0	Munitions Debris	8/22/2006	Frag 1/2" x 1"	-	-
SEAD-57	57M10-0023	739441	1009453.5	120	Mv	8/1/2006	120	3	0	Munitions Debris	8/22/2006	Frag 2" x 1" x 1/2"	-	-
SEAD-57	57M10-0026	739374	1009405.5	109	Mv	8/1/2006	109	3	0	Cultural Debris	8/22/2006	Nail	-	-
SEAD-57	57M10-0029	739377	1009410	102	Mv	8/1/2006	102	3	0	Cultural Debris	8/22/2006	Metal bolt	Pass	KC
SEAD-57	57M10-0032	739419.75	1009405	96	Mv	8/1/2006	96	3	0	Cultural Debris	8/22/2006	Alum strip	-	-
SEAD-57	57M10-0033	739330.5	1009484	92	Mv	8/1/2006	92	3	0	Munitions Debris	8/22/2006	Frag 1" x 2"	-	-
SEAD-57	57M10-0061	739363.5	1009402.25	42	Mv	9/11/2006	42	3	13	Munitions Debris	9/20/2006	Frag	Pass	KC
SEAD-57	57M10-0065	739389.25	1009463.5	41	Mv	9/11/2006	41	3	0	Cultural Debris	10/24/2006	Scrap metal	-	-
SEAD-57	57M10-0081	739403.5	1009405.25	34	Mv	9/11/2006	34	3	0	Cultural Debris	10/24/2006	Tent stake	Pass	KC
SEAD-57	57M10-0122	739488.75	1009316.5	24	Mv	9/11/2006	24	3	15	Munitions Debris	9/20/2006	Frag	Pass	KC
SEAD-57	57M10-0158	739356.25	1009419.25	20	Mv	9/11/2006	20	3	17	Munitions Debris	9/20/2006	Frag	Pass	KC
SEAD-57	57M12-0038	739375.25	1009582	2815	Mv	6/2/2006	999	3	0	Cultural Debris	7/5/2006	Pipe	-	-
SEAD-57	57M12-0043	739253.25	1009603	2598	Mv	6/2/2006	999	3	1	Cultural Debris	6/7/2006	Trash	-	-
SEAD-57	57M12-0049	739250.25	1009625.25	2121	Mv	6/2/2006	999	3	1	Cultural Debris	6/5/2006	Trailer hitch	-	-
SEAD-57	57M12-0078	739454.75	1009614	1221	Mv	6/2/2006	999	3	3	Cultural Debris	6/7/2006	Trash	-	-
SEAD-57	57M12-0129	739434.25	1009565.5	523	Mv	6/2/2006	999	3	0	Cultural Debris	6/6/2006	Scrap metal, 6" x 6"	-	-
SEAD-57	57M12-0131	739420.75	1009592	513	Mv	6/2/2006	999	3	3	Cultural Debris	6/7/2006	Trash	-	-
SEAD-57	57M12-0164	739443.75	1009623.75	295	Mv	6/2/2006	999	3	3	Cultural Debris	6/7/2006	Trash	-	-
SEAD-57	57M12-0174	739289	1009624	275	Mv	6/2/2006	999	3	1	Cultural Debris	6/7/2006	Trash	-	-
SEAD-57	57M12-0196	739389.25	1009604.25	207	Mv	6/2/2006	999	3	2	Cultural Debris	6/7/2006	Steel scrap. Anomalies M12-0275 and M12-0196 are the same item.	-	-
SEAD-57	57M12-0206	739269.5	1009692.25	174	Mv	6/2/2006	999	3	1	Cultural Debris	6/7/2006	Trash	-	-
SEAD-57	57M12-0210	739481	1009534	169	Mv	6/2/2006	999	3	0	Cultural Debris	6/6/2006	Pipe piece, 2" x 2"	-	-
SEAD-57	57M12-0227	739445	1009567.25	156	Mv	6/2/2006	999	3	0	Cultural Debris	6/6/2006	2" hinge. Anomalies M12-0264 and M12-0227 are same item.	-	-
SEAD-57	57M12-0231	739360.25	1009602.25	150	Mv	6/2/2006	999	3	0	Cultural Debris	7/5/2006	Strap	-	-
SEAD-57	57M12-0236	739384.25	1009610.5	146	Mv	6/2/2006	999	3	0	Cultural Debris	7/5/2006	Metal band	-	-
SEAD-57	57M12-0264	739445.75	1009570.75	113	Mv	6/2/2006	999	3	0	Cultural Debris	6/6/2006	2" hinge. Anomalies M12-0264 and M12-0227 are same item.	-	-
SEAD-57	57M12-0268	739314	1009665.5	111	Mv	6/5/2006	49	3	1	Cultural Debris	6/7/2006	Trash	-	-
SEAD-57	57M12-0270	739290	1009633.25	110	Mv	6/2/2006	999	3	1	Cultural Debris	6/7/2006	Trash	-	-
SEAD-57	57M12-0275	739392	1009602.25	107	Mv	6/2/2006	999	3	2	Cultural Debris	6/7/2006	Steel scrap. Anomalies M12-0275 and M12-0196 are the same item.	-	-
SEAD-57	57M12-0331	739386	1009597.75	74	Mv	6/2/2006	999	3	0	Cultural Debris	7/5/2006	Metal bar	-	-

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Seneca Army Depot Activity

Worksite	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	QC	
	Anomaly ID	Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (In)	Location Offset (In)	Type	Date	Item Description	QC Code	QC Initials
SEAD-57	57O12-0032	739506	1009623.25	49	Mv	9/11/2006	49	3	8	Cultural Debris	9/20/2006		Pass	KC
SEAD-57	57O12-0034	739567	1009543.5	40	Mv	9/11/2006	40	3	8	Munitions Debris	9/20/2006	Frag	Pass	KC
SEAD-57	57O12-0048	739526.75	1009661	25	Mv	9/11/2006	25	3	13	Cultural Debris	9/20/2006		Pass	KC
SEAD-57	57O12-0057	739540	1009545	22	Mv	9/11/2006	22	3	20	Munitions Debris	9/20/2006	Frag	Pass	KC
SEAD-57	F06-002	738610.099	1008864.548	17	nT	10/17/2006	15	3	1	Cultural Debris	10/19/2006		-	
SEAD-57	F06-004	738610.275	1008770.506	5	nT	10/17/2006	5	3	6	Hot Soil	10/19/2006	Rock	-	
SEAD-57	F08-002	738616.18	1009067.75	59	nT	8/8/2006	59	3	24	Munitions Debris	8/9/2006	Frag	Pass	KC
SEAD-57	F09-008	738521.74	1009157.71	13	nT	8/8/2006	13	3	20	Munitions Debris	8/9/2006	Frag	Pass	KC
SEAD-57	F11-001	738580.1	1009476.859	13	nT	10/17/2006	12	3	4	Hot Soil	10/25/2006	Hot rock	-	
SEAD-57	G06-004	738715.04	1008830.156	43	nT	9/6/2006	42	3	6	Hot Soil	9/7/2006	Hot rock	Pass	KC
SEAD-57	G06-009	738725.009	1008854.784	10	nT	9/6/2006	10	3	12	Cultural Debris	9/7/2006		Pass	KC
SEAD-57	G06-025	738713.039	1008754.626	16	nT	9/6/2006	16	3	12	Cultural Debris	9/7/2006		Pass	KC
SEAD-57	G06-028	738729.185	1008772.108	16	nT	9/6/2006	16	3	4	Munitions Debris	9/7/2006	Frag	Pass	KC
SEAD-57	G07-003	738714.773	1008971.608	98	nT	9/6/2006	98	3	6	Cultural Debris	9/7/2006		-	
SEAD-57	G07-031	738735.724	1008982.551	11	nT	9/6/2006	11	3	4	Cultural Debris	9/7/2006		Pass	KC
SEAD-57	G07-033	738734.924	1008968.672	11	nT	9/6/2006	12	3	6	Cultural Debris	9/7/2006		Pass	KC
SEAD-57	G08-013	738741.24	1009005.99	46	nT	8/8/2006	46	3	2	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	G08-023	738637.11	1009085.91	49	nT	8/8/2006	49	3	18	Hot Soil	8/9/2006	Hot Rock	Pass	KC
SEAD-57	G08-027	738635	1009114.19	19	nT	8/8/2006	19	3	10	Munitions Debris	8/9/2006	Frag	Pass	KC
SEAD-57	G08-031	738672.99	1009070.43	30	nT	8/8/2006	30	3	10	Cultural Debris	8/9/2006	Horse Shoe	-	
SEAD-57	G08-037	738721.12	1009114.62	13	nT	8/8/2006	13	3	24	Cultural Debris	8/9/2006	Trash	-	
SEAD-57	G08-039	738747.43	1009119.26	7	nT	8/8/2006	7	3	24	Cultural Debris	8/9/2006	Trash	-	
SEAD-57	G08-040	738742.93	1009114.05	80	nT	8/8/2006	80	3	8	Cultural Debris	8/9/2006	seed item	-	
SEAD-57	G08-045	738734.91	1009063.68	10	nT	8/8/2006	10	3	2	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	G08-046	738724.92	1009068.04	36	nT	8/8/2006	36	3	24	Cultural Debris	8/9/2006	Wire	Pass	KC
SEAD-57	G09-014	738657.09	1009170.06	33	nT	8/8/2006	33	3	8	Cultural Debris	8/9/2006	Trash	-	
SEAD-57	G09-019	738636.97	1009205.8	29	nT	8/8/2006	29	3	24	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	G09-024	738725.06	1009225.08	80	nT	8/8/2006	80	3	20	Cultural Debris	8/9/2006	Trash	-	
SEAD-57	G09-030	738747.29	1009191.59	12	nT	8/8/2006	12	3	20	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	G09-033	738723.09	1009187.65	112	nT	8/8/2006	112	3	20	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	G09-037	738737.16	1009156.97	15	nT	8/8/2006	15	3	12	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	G10-007	738690.66	1009364.95	18	nT	8/8/2006	18	3	18	Munitions Debris	8/9/2006	Frag	-	
SEAD-57	G10-008	738685.18	1009368.45	12	nT	8/8/2006	12	3	24	MPPEH	8/9/2006	37mm	-	
SEAD-57	G10-009	738664.94	1009370.89	13	nT	8/8/2006	13	3	17	Munitions Debris	8/9/2006	Frag	Pass	KC
SEAD-57	G10-020	738669.66	1009274.85	5	nT	8/8/2006	5	3	11	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	G10-044	738740.88	1009328.43	9	nT	8/8/2006	9	3	24	Hot Soil	8/10/2006	Hot Rock	-	
SEAD-57	G10-047	738742.56	1009369.52	6	nT	8/8/2006	6	3	9	Cultural Debris	8/10/2006	seed item	-	
SEAD-57	G10-048	738727.79	1009364.5	3	nT	8/8/2006	3	3	18	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	G10-055	738718.97	1009304.53	22	nT	8/8/2006	22	3	15	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	G11-002	738721.02	1009407.94	15	nT	8/8/2006	15	3	18	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	G11-015	738640.93	1009473.04	9	nT	8/8/2006	9	3	9	Cultural Debris	8/10/2006	Wire	-	
SEAD-57	G11-024	738743.21	1009471.28	11	nT	8/8/2006	11	3	30	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	G11-025	738739.25	1009461.58	18	nT	8/8/2006	18	3	20	Cultural Debris	8/10/2006	Trash	-	
SEAD-57	G11-028	738744.68	1009442.47	8	nT	8/8/2006	8	3	18	Cultural Debris	8/10/2006	Trash	-	
SEAD-57	G11-041	738721.17	1009387.51	30	nT	8/8/2006	30	3	15	Cultural Debris	8/10/2006	Trash	-	
SEAD-57	G13-003	738709.977	1009667.224	30	nT	10/17/2006	31	3	30	Cultural Debris	10/24/2006	Iron rod	Pass	KC
SEAD-57	G13-004	738661.151	1009722.046	36	nT	10/17/2006	35	3	10	Cultural Debris	10/24/2006	Iron rod	-	
SEAD-57	H06-002	738776.03	1008849.8	50	nT	8/8/2006	50	3	2	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	H06-003	738753.08	1008862.98	4	nT	8/8/2006	4	3	1	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	H06-004	738750.27	1008854.39	19	nT	8/8/2006	19	3	1	Cultural Debris	8/9/2006	Trash	-	
SEAD-57	H06-006	738754.41	1008805.23	42	nT	8/8/2006	42	3	3	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	H06-018	738800.32	1008767.61	18	nT	8/8/2006	18	3	3	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	H06-020	738796.02	1008781.24	10	nT	8/8/2006	10	3	4	Cultural Debris	8/9/2006	Trash	Pass	KC

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION			DIG RESULTS			QPOST-DIG QC		
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
Easting (X)	Northing (Y)													
SEAD-57	H10-072	738834.889	1009364.001	17	nT	10/17/2006	18	3	4	Cultural Debris	10/25/2006	Metal disc	Pass	KC
SEAD-57	H10-079	738803.128	1009364.695	33	nT	10/17/2006	33	3	20	Cultural Debris	10/25/2006	Metal disc	-	-
SEAD-57	H11-008	738828.799	1009376.754	11	nT	10/17/2006	10	3	10	Cultural Debris	10/25/2006	Metal disc	Pass	KC
SEAD-57	H11-010	738811.011	1009385.092	21	nT	10/17/2006	21	3	21	Cultural Debris	10/25/2006	Metal disc	Pass	KC
SEAD-57	H11-011	738805.452	1009385.37	15	nT	10/17/2006	15	3	7	Cultural Debris	10/25/2006	Metal disc	Pass	KC
SEAD-57	H11-014	738795.03	1009405.659	53	nT	10/17/2006	54	3	3	Cultural Debris	10/25/2006	Scrap metal	Pass	KC
SEAD-57	H11-018	738809.065	1009393.986	28	nT	10/17/2006	28	3	20	Cultural Debris	10/25/2006	Metal disc	Pass	KC
SEAD-57	H12-009	738791.915	1009600.725	33	nT	10/17/2006	32	3	9	Hot Soil	10/24/2006	Hot rock	Pass	KC
SEAD-57	H13-005	738775.86	1009636.356	34	nT	10/17/2006	34	3	36	Cultural Debris	10/24/2006	Can piece	-	-
SEAD-57	H13-006	738781.916	1009638.751	18	nT	10/17/2006	18	3	15	Hot Soil	10/24/2006	Hot rock	Pass	KC
SEAD-57	H13-022	738835.857	1009644.243	14	nT	10/17/2006	14	3	40	Hot Soil	10/24/2006	Hot rock	Pass	KC
SEAD-57	106-005	738890.86	1008769.91	8	nT	8/8/2006	8	3	5	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	106-006	738900.96	1008761.59	12	nT	8/8/2006	12	3	14	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	106-013	738903.14	1008864.86	18	nT	8/8/2006	18	3	2	Hot Soil	8/9/2006	Hotrock	Pass	KC
SEAD-57	106-016	738898.5	1008839.9	16	nT	8/8/2006	16	3	1	Hot Soil	8/9/2006	Hotrock	Pass	KC
SEAD-57	107-009	738952.12	1008942.35	3	nT	8/8/2006	3	3	3	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	108-003	738917.552	1009103.519	16	nT	10/16/2006	15	3	7	Cultural Debris	10/23/2006	-	-	-
SEAD-57	108-008	738890.062	1009109.967	18	nT	10/16/2006	18	3	2	Munitions Debris	10/23/2006	Frag	-	-
SEAD-57	108-010	738946.399	1009115.227	18	nT	10/16/2006	18	3	10	Cultural Debris	10/23/2006	-	Pass	KC
SEAD-57	108-022	738977.452	1009053.121	26	nT	10/16/2006	26	3	3	Cultural Debris	10/23/2006	-	Pass	KC
SEAD-57	108-029	738912.631	1009042.092	20	nT	10/16/2006	21	3	3	Hot Soil	10/23/2006	Rock	Pass	KC
SEAD-57	108-032	738927.563	1009062.115	21	nT	10/16/2006	22	3	3	Munitions Debris	10/23/2006	Frag	-	-
SEAD-57	108-033	738935.03	1009054.988	10	nT	10/16/2006	11	3	5	Munitions Debris	10/23/2006	Frag	Pass	KC
SEAD-57	110-020	738944.86	1009262.53	8	nT	8/8/2006	8	3	2	Munitions Debris	8/9/2006	Frag	Pass	KC
SEAD-57	110-021	738934.98	1009253.78	16	nT	8/8/2006	16	3	4	Cultural Debris	8/9/2006	seed item	-	-
SEAD-57	110-022	738927.22	1009258.01	28	nT	8/8/2006	28	3	5	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	110-025	738924.12	1009272.97	5	nT	8/8/2006	5	3	2	Cultural Debris	8/9/2006	-	Pass	KC
SEAD-57	110-032	738901.11	1009294	47	nT	8/8/2006	47	3	5	Cultural Debris	8/9/2006	-	-	-
SEAD-57	110-034	738888.13	1009309.52	201	nT	8/8/2006	201	3	3	Munitions Debris	8/9/2006	105mm proj he pieces	Pass	KC
SEAD-57	110-037	738877.12	1009337.18	52	nT	8/8/2006	52	3	3	Cultural Debris	8/9/2006	-	-	-
SEAD-57	110-038	738881.92	1009348.05	4	nT	8/8/2006	4	3	3	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	110-043	738909.01	1009336.19	33	nT	8/8/2006	33	3	1	Cultural Debris	8/9/2006	-	-	-
SEAD-57	110-049	738972.95	1009337.32	16	nT	8/8/2006	16	3	2	Cultural Debris	8/9/2006	-	-	-
SEAD-57	111-005	738884.88	1009409.86	1	nT	8/8/2006	1	3	8	Cultural Debris	8/10/2006	seed item	-	-
SEAD-57	111-009	738914.94	1009410.28	26	nT	8/8/2006	26	3	3	Cultural Debris	8/10/2006	-	Pass	KC
SEAD-57	111-019	738875.43	1009474.78	7	nT	8/8/2006	7	3	6	Cultural Debris	8/10/2006	Trash	-	-
SEAD-57	111-020	738878.96	1009484.38	20	nT	8/8/2006	20	3	4	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	111-021	738879.1	1009493.27	9	nT	8/8/2006	9	3	3	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	111-026	738888.13	1009475.06	4	nT	8/8/2006	4	3	22	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	111-030	738899.84	1009452.34	17	nT	8/8/2006	17	3	5	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	111-034	738929.2	1009467.3	25	nT	8/8/2006	25	3	5	Cultural Debris	8/10/2006	Trash	-	-
SEAD-57	111-035	738917.34	1009474.78	14	nT	8/8/2006	14	3	3	Cultural Debris	8/10/2006	Trash	-	-
SEAD-57	111-040	738993.13	1009464.05	34	nT	8/8/2006	34	3	7	Munitions Debris	8/10/2006	Frag	Pass	KC
SEAD-57	112-006	738904.856	1009521.065	13	nT	9/6/2006	13	3	6	Munitions Debris	9/8/2006	Frag	Pass	KC
SEAD-57	112-009	738892.94	1009527.43	21	nT	9/6/2006	21	3	4	Munitions Debris	9/8/2006	Frag	Pass	KC
SEAD-57	112-014	738887.67	1009548.251	186	nT	9/6/2006	186	3	12	Cultural Debris	9/8/2006	Pipe	Pass	KC
SEAD-57	112-015	738891.45	1009541.999	54	nT	9/6/2006	54	3	30	Cultural Debris	9/8/2006	Same as #14 .[pipe]	Pass	KC
SEAD-57	112-016	738884.762	1009539.818	36	nT	9/6/2006	36	3	46	Cultural Debris	9/8/2006	Same as #14 and #15 [pipe]	-	-
SEAD-57	112-022	738889.013	1009562.366	12	nT	9/6/2006	12	3	4	Hot Soil	9/8/2006	Hot rock	Pass	KC
SEAD-57	112-030	738973.103	1009617.478	11	nT	9/6/2006	11	3	6	Munitions Debris	9/8/2006	Frag	Pass	KC
SEAD-57	112-031	738985.155	1009620.322	15	nT	9/6/2006	15	3	20	Munitions Debris	9/7/2006	75mm base	Pass	KC
SEAD-57	113-002	738907.819	1009686.016	6	nT	9/6/2006	6	3	9	Cultural Debris	9/7/2006	Scrap metal	Pass	KC
SEAD-57	108-003	739004.904	1009030.04	7	nT	10/16/2006	9	3	5	Munitions Debris	10/19/2006	Frag	-	-

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION				DIG RESULTS			QPOST-DIG QC	
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
Easting (X)	Northing (Y)													
SEAD-57	P57_M06-70	739303.25	1008942	19	Mv	7/7/2006	15	3	2	Munitions Debris	7/17/2006	Frag	.	.
SEAD-57	P57_M06-75	739293.25	1008945.25	47	Mv	7/7/2006	20	3	2	Munitions Debris	7/10/2006	Frag	.	.
SEAD-57	P57_M06-76	739283.5	1008947	20	Mv	7/7/2006	18	3	5	Munitions Debris	7/10/2006	Frag	.	.
SEAD-57	P57_M06-84	739277.25	1008919.75	41	Mv	7/7/2006	105	3	4	Cultural Debris	7/10/2006	Wire	.	.
SEAD-57	P57K06-100	739006	1008802.5	22	Mv	7/13/2006	30	3	2	Munitions Debris	7/17/2006	Frag	.	.
SEAD-57	P57K06-102	739022	1008813	40	Mv	7/13/2006	65	3	1	Munitions Debris	7/17/2006	Frag	.	.
SEAD-57	P57K06-104	739028.75	1008809	50	Mv	7/13/2006	48	3	3	Munitions Debris	7/17/2006	Frag	.	.
SEAD-57	P57K06-108	739031.5	1008815.5	25	Mv	7/13/2006	30	3	3	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-109	739031.25	1008821.5	22	Mv	7/13/2006	35	3	7	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-111	739020	1008828.75	30	Mv	7/13/2006	33	3	2	Munitions Debris	7/17/2006	Frag	.	.
SEAD-57	P57K06-112	739012.75	1008824.5	39	Mv	7/13/2006	55	3	2	Munitions Debris	7/17/2006	Frag	.	.
SEAD-57	P57K06-120	739016	1008856.25	59	Mv	7/13/2006	125	3	2	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-127	739009.25	1008905.25	38	Mv	7/11/2006	80	3	3	Munitions Debris	7/17/2006	Frag	.	.
SEAD-57	P57K06-129	739005.75	1008911.5	72	Mv	7/11/2006	70	3	2	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-131	739012.25	1008923	66	Mv	7/11/2006	80	3	1	Munitions Debris	7/17/2006	Frag	.	.
SEAD-57	P57K06-132	739008.5	1008925.25	95	Mv	7/11/2006	115	3	2	Munitions Debris	7/17/2006	Frag	.	.
SEAD-57	P57K06-135	739023.25	1008933.25	51	Mv	7/11/2006	75	3	3	Munitions Debris	7/17/2006	Frag	.	.
SEAD-57	P57K06-138	739019.5	1008947.25	35	Mv	7/11/2006	35	3	3	Munitions Debris	7/17/2006	Frag	.	.
SEAD-57	P57K06-139	739022.75	1008944.5	18	Mv	7/11/2006	25	3	2	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-14	739068.5	1008881	22	Mv	7/11/2006	70	3	3	Munitions Debris	7/18/2006	MK25 pieces	Pass	KC
SEAD-57	P57K06-140	739028.25	1008949.5	23	Mv	7/11/2006	35	3	2	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-141	739031	1008956	58	Mv	7/11/2006	70	3	4	Munitions Debris	7/17/2006	Frag	.	.
SEAD-57	P57K06-142	739036.5	1008954.25	27	Mv	7/11/2006	40	3	3	Munitions Debris	7/17/2006	Frag	.	.
SEAD-57	P57K06-145	739040.75	1008957.75	75	Mv	7/11/2006	115	3	2	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-147	739041	1008945.5	43	Mv	7/11/2006	50	3	2	Munitions Debris	7/17/2006	Frag	.	.
SEAD-57	P57K06-153	739060.25	1008946	59	Mv	7/11/2006	75	3	2	Munitions Debris	7/18/2006	MK25 pieces	.	.
SEAD-57	P57K06-161	739050.25	1008962.25	75	Mv	7/11/2006	60	3	3	Munitions Debris	7/17/2006	Frag	.	.
SEAD-57	P57K06-165	739071	1008987.5	86	Mv	7/13/2006	85	3	2	Munitions Debris	7/18/2006	MK25 pieces	.	.
SEAD-57	P57K06-174	739115	1008996.75	19	Mv	7/12/2006	30	3	2	Munitions Debris	7/18/2006	MK25 pieces	.	.
SEAD-57	P57K06-178	739133.25	1008992.25	35	Mv	7/12/2006	80	3	1	Cultural Debris	7/18/2006	Trash	.	.
SEAD-57	P57K06-18	739065.25	1008869	53	Mv	7/11/2006	170	3	2	Munitions Debris	7/18/2006	MK25 pieces	.	.
SEAD-57	P57K06-181	739122.5	1008980.75	182	Mv	7/12/2006	170	3	2	Munitions Debris	7/18/2006	MK25 pieces	.	.
SEAD-57	P57K06-182	739128.75	1008973.25	38	Mv	7/12/2006	28	3	2	Munitions Debris	7/18/2006	MK25 pieces	.	.
SEAD-57	P57K06-185	739193.75	1008979.75	20	Mv	7/13/2006	22	3	1	Munitions Debris	7/19/2006	MK25 pieces	.	.
SEAD-57	P57K06-186	739201.75	1008991	32	Mv	7/13/2006	28	3	2	Cultural Debris	7/19/2006	Wire	.	.
SEAD-57	P57K06-188	739204	1008990.25	26	Mv	7/13/2006	20	3	1	Munitions Debris	7/19/2006	MK25 pieces	.	.
SEAD-57	P57K06-189	739204.75	1008985.75	102	Mv	7/13/2006	115	3	1	Munitions Debris	7/19/2006	MK25 pieces	.	.
SEAD-57	P57K06-190	739203	1008984.75	48	Mv	7/13/2006	17	3	1	Munitions Debris	7/19/2006	MK25 pieces	.	.
SEAD-57	P57K06-195	739213	1008980.5	67	Mv	7/13/2006	82	3	2	Munitions Debris	7/19/2006	MK25 pieces	.	.
SEAD-57	P57K06-196	739222.5	1008970.25	29	Mv	7/13/2006	21	3	2	Munitions Debris	7/19/2006	MK25 pieces	.	.
SEAD-57	P57K06-199	739239	1008943.75	24	Mv	7/13/2006	25	3	1	Munitions Debris	7/19/2006	Frag	.	.
SEAD-57	P57K06-20	739053.75	1008879.75	55	Mv	7/11/2006	200	3	3	Munitions Debris	7/17/2006	Frag	.	.
SEAD-57	P57K06-200	739239.5	1008932.5	18	Mv	7/13/2006	25	3	2	Munitions Debris	7/19/2006	MK25 pieces	.	.
SEAD-57	P57K06-204	739218.5	1008920.25	30	Mv	7/13/2006	28	3	2	Cultural Debris	7/19/2006	Wire	.	.
SEAD-57	P57K06-205	739217	1008917.75	28	Mv	7/13/2006	25	3	2	Cultural Debris	7/19/2006	wire	.	.
SEAD-57	P57K06-206	739215.5	1008915.5	72	Mv	7/13/2006	95	3	2	Cultural Debris	7/19/2006	Wire	.	.
SEAD-57	P57K06-209	739200.72	1008912.46	80	Mv	7/13/2006	120	3	6	Cultural Debris	7/18/2006	Trash	.	.
SEAD-57	P57K06-21	739040.75	1008881.5	73	Mv	7/11/2006	110	3	3	Munitions Debris	7/17/2006	Frag	.	.
SEAD-57	P57K06-214	739207.75	1008923.25	34	Mv	7/13/2006	34	3	4	Munitions Debris	7/19/2006	MK25 pieces	.	.
SEAD-57	P57K06-218	739218.75	1008930.25	29	Mv	7/13/2006	23	3	2	Munitions Debris	7/19/2006	MK25 pieces	Pass	KC
SEAD-57	P57K06-223	739202.25	1008935.75	17	Mv	7/13/2006	50	3	2	Munitions Debris	7/19/2006	MK25 pieces	.	.
SEAD-57	P57K06-226	739197.25	1008947.75	96	Mv	7/13/2006	120	3	2	Munitions Debris	7/19/2006	MK25 pieces	.	.
SEAD-57	P57K06-227	739126.75	1008949	49	Mv	7/13/2006	75	3	1	Cultural Debris	7/18/2006	Wire	Pass	KC

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION			DIG RESULTS			QPOST-DIG QC		
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ³	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	P57K06-53	739058.25	1008838.5	116	Mv	7/13/2006	130	3	2	Munitions Debris	7/18/2006	MK25 pieces	-	
SEAD-57	P57K06-57	739066.25	1008845.25	74	Mv	7/11/2006	115	3	2	Munitions Debris	7/18/2006	MK25 pieces	-	
SEAD-57	P57K06-59	739064.5	1008835.25	73	Mv	7/13/2006	90	3	2	Munitions Debris	7/18/2006	MK25 pieces	-	
SEAD-57	P57K06-63	739088	1008854.75	164	Mv	7/11/2006	145	3	2	Munitions Debris	7/18/2006	Frag	-	
SEAD-57	P57K06-64	739100.75	1008846.25	118	Mv	7/11/2006	75	3	2	Munitions Debris	7/17/2006	Frag	-	
SEAD-57	P57K06-65	739103.5	1008843.5	23	Mv	7/11/2006	26	3	2	Munitions Debris	7/17/2006	Frag	-	
SEAD-57	P57K06-66	739106	1008843.75	29	Mv	7/11/2006	25	3	3	Munitions Debris	7/17/2006	Frag	-	
SEAD-57	P57K06-67	739111.5	1008835.5	77	Mv	7/13/2006	100	3	2	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-69	739112.75	1008830	135	Mv	7/13/2006	69	3	3	Cultural Debris	7/17/2006	Trash	Pass	KC
SEAD-57	P57K06-70	739112.25	1008827.25	26	Mv	7/13/2006	90	3	3	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-71	739091.25	1008831.75	18	Mv	7/13/2006	16	3	3	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-73	739084	1008811.5	18	Mv	7/13/2006	18	3	3	Munitions Debris	7/17/2006	Frag	-	
SEAD-57	P57K06-74	739082.25	1008811.75	37	Mv	7/13/2006	65	3	2	Munitions Debris	7/17/2006	Frag	-	
SEAD-57	P57K06-76	739064.75	1008809.75	58	Mv	7/13/2006	75	3	2	Munitions Debris	7/18/2006	MK25 pieces	-	
SEAD-57	P57K06-79	739087.5	1008782.25	25	Mv	7/13/2006	60	3	3	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-8	739050.25	1008906	98	Mv	7/11/2006	105	3	3	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-80	739093.25	1008787	38	Mv	7/13/2006	27	3	2	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-81	739114	1008778.75	31	Mv	7/13/2006	23	3	3	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-82	739105	1008765.75	38	Mv	7/13/2006	45	3	3	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-83	739095.5	1008761.75	60	Mv	7/13/2006	110	3	3	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-84	739088.75	1008763	22	Mv	7/13/2006	65	3	3	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-85	739080.25	1008761.75	17	Mv	7/13/2006	25	3	3	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K06-87	739068.25	1008769.75	59	Mv	7/13/2006	95	3	2	Munitions Debris	7/18/2006	MK25 pieces	-	
SEAD-57	P57K06-9	739053.5	1008897	21	Mv	7/11/2006	18	3	2	Munitions Debris	7/17/2006	Frag	-	
SEAD-57	P57K06-93	739036.5	1008757.75	108	Mv	7/13/2006	125	3	2	Munitions Debris	7/17/2006	Frag	-	
SEAD-57	P57K06-98	739018	1008773.5	27	Mv	7/13/2006	25	3	2	Munitions Debris	7/17/2006	Frag	-	
SEAD-57	P57K06-99	739020	1008793.25	21	Mv	7/13/2006	30	3	2	Munitions Debris	7/17/2006	Frag	Pass	KC
SEAD-57	P57K08-100	739209.75	1009153.75	51	Mv	7/10/2006	51	3	9	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	P57K08-110	739198.75	1009166	20	Mv	7/10/2006	39	3	20	Munitions Debris	7/11/2006	Multipl digs/pieces/brass	-	
SEAD-57	P57K08-113	739208.75	1009173	38	Mv	7/10/2006	56	3	10	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	P57K08-116	739205.75	1009182.5	99	Mv	7/10/2006	101	3	14	Munitions Debris	7/11/2006	Multiple digs/pieces	-	
SEAD-57	P57K08-128	739196	1009197.25	38	Mv	7/10/2006	54	3	20	Munitions Debris	7/11/2006	Multiple digs/pieces	-	
SEAD-57	P57K08-129	739195.5	1009200.75	97	Mv	7/10/2006	110	3	5	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	P57K08-133	739206.25	1009197.5	30	Mv	7/10/2006	47	3	18	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	P57K08-134	739208	1009195.75	32	Mv	7/10/2006	18	3	12	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	P57K08-141	739217.75	1009210.75	81	Mv	7/10/2006	118	3	5	Munitions Debris	7/11/2006	Multiple digs/pieces	-	
SEAD-57	P57K08-144	739205.25	1009222	22	Mv	7/10/2006	25	3	18	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	P57K08-147	739198	1009226	69	Mv	7/10/2006	85	3	4	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	P57K08-156	739220	1009234	72	Mv	7/10/2006	95	3	13	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	P57K08-159	739234.25	1009248	33	Mv	7/10/2006	43	3	6	Munitions Debris	7/11/2006	Multiple digs/pieces	-	
SEAD-57	P57K08-161	739239	1009243.5	59	Mv	7/10/2006	115	3	6	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	P57K08-18	739249.25	1009120	61	Mv	7/10/2006	63	3	4	Munitions Debris	7/11/2006	Multiple digs/pieces	-	
SEAD-57	P57K08-19	739237.5	1009124.5	34	Mv	7/10/2006	51	3	6	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	P57K08-29	739231.75	1009099.75	74	Mv	7/10/2006	89	3	2	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	P57K08-30	739234.75	1009097.25	39	Mv	7/10/2006	39	3	2	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	P57K08-31	739246.25	1009100.5	38	Mv	7/10/2006	65	3	1	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	P57K08-62	739194.5	1009042	27	Mv	6/1/2006	25	3	2	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	P57K08-63	739196.75	1009048	44	Mv	6/1/2006	65	3	2	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	P57K08-64	739199.75	1009059.75	54	Mv	7/10/2006	70	3	8	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	P57K08-65	739196.75	1009078.75	26	Mv	7/10/2006	47	3	18	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	P57K08-7	739229	1009200.75	30	Mv	7/10/2006	56	3	6	Munitions Debris	7/11/2006	Frag	Pass	KC
SEAD-57	P57K08-71	739215	1009062	56	Mv	7/10/2006	105	3	2	Munitions Debris	7/11/2006	Frag	-	
SEAD-57	P57K08-74	739222.75	1009078.5	37	Mv	7/10/2006	45	3	3	Munitions Debris	7/11/2006	Frag	-	

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Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (In)	Location Offset (In)	Type	Date	Item Description	QC Code	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	P57M08-24	739366	1009176	57	Mv	7/5/2006	100	3	1	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-25	739366.25	1009158.75	59	Mv	7/6/2006	95	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-26	739366.25	1009154	78	Mv	7/6/2006	130	3	3	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-27	739374.5	1009146.5	86	Mv	7/6/2006	95	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-28	739369.25	1009140	36	Mv	7/6/2006	30	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-29	739366	1009135.5	42	Mv	7/6/2006	85	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-3	739351	1009220.75	29	Mv	7/6/2006	58	3	1	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-31	739355.75	1009133	19	Mv	7/6/2006	25	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-32	739328.25	1009158.25	29	Mv	7/6/2006	0	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-33	739320	1009175.75	19	Mv	7/6/2006	20	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-35	739338.25	1009190.75	24	Mv	7/6/2006	35	3	1	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-4	739359.75	1009226.75	75	Mv	7/5/2006	65	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-40	739294.25	1009181.5	25	Mv	7/6/2006	40	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-41	739297.5	1009158.75	25	Mv	7/6/2006	30	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-42	739294.75	1009144	43	Mv	7/6/2006	70	3	3	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-43	739300	1009144.5	61	Mv	7/6/2006	65	3	3	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-46	739334.25	1009114.5	17	Mv	7/6/2006	20	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-48	739366.5	1009113.5	80	Mv	7/6/2006	90	3	3	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-50	739385.75	1009113	80	Mv	7/6/2006	75	3	3	Munitions Debris	7/11/2006	Frag	.	.
SEAD-57	P57M08-51	739376.75	1009088	17	Mv	7/6/2006	30	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-52	739375.75	1009042	23	Mv	7/6/2006	20	3	1	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-54	739373.75	1009023.75	20	Mv	7/6/2006	20	3	1	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-55	739361	1009000.5	89	Mv	7/6/2006	89	3	3	Munitions Debris	7/10/2006	Frag	.	.
SEAD-57	P57M08-58	739347.72	1009022.1	18	Mv	7/6/2006	18	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-59	739314.75	1009030.5	22	Mv	7/6/2006	22	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-60	739323.5	1009042	24	Mv	7/6/2006	24	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-61	739325.5	1009054.25	16	Mv	7/6/2006	35	3	1	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-62	739328	1009056.5	17	Mv	7/6/2006	20	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-63	739339.5	1009078.75	40	Mv	7/6/2006	20	3	3	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-64	739331	1009072.5	61	Mv	7/6/2006	180	3	12	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-65	739318	1009065.5	47	Mv	7/6/2006	80	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-66	739316.75	1009056	59	Mv	7/6/2006	20	3	3	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-67	739306.75	1009064.25	22	Mv	7/6/2006	55	3	3	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-68	739294.5	1009049.5	17	Mv	7/6/2006	35	3	1	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-69	739284	1009024.5	20	Mv	7/6/2006	20	3	2	Munitions Debris	7/10/2006	Frag	.	.
SEAD-57	P57M08-70	739291.75	1009011.5	36	Mv	7/6/2006	36	3	2	Munitions Debris	7/10/2006	Frag	.	.
SEAD-57	P57M08-72	739253	1009004	89	Mv	7/6/2006	89	3	2	Munitions Debris	7/10/2006	Frag	.	.
SEAD-57	P57M08-74	739272.25	1009034.25	68	Mv	7/6/2006	68	3	3	Munitions Debris	7/10/2006	Frag	.	.
SEAD-57	P57M08-75	739279	1009049.75	26	Mv	7/6/2006	25	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-76	739272.25	1009067.75	17	Mv	7/6/2006	25	3	3	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-77	739269.75	1009073.5	18	Mv	7/6/2006	20	3	3	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-78	739266.75	1009080	32	Mv	7/6/2006	32	3	3	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-79	739272.75	1009082	26	Mv	7/6/2006	20	3	3	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-80	739294	1009083.5	24	Mv	7/6/2006	35	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-81	739274.75	1009098.75	24	Mv	7/6/2006	25	3	3	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-82	739274.75	1009109.25	17	Mv	7/6/2006	25	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-83	739255	1009107.5	89	Mv	7/5/2006	105	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-84	739256.5	1009117	122	Mv	7/6/2006	180	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-86	739260	1009129.5	52	Mv	7/6/2006	60	3	1	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-89	739266.25	1009148.25	48	Mv	7/6/2006	70	3	1	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-90	739260	1009155.25	41	Mv	7/6/2006	85	3	2	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-91	739260	1009160	39	Mv	7/6/2006	85	3	1	Munitions Debris	7/7/2006	Frag	.	.
SEAD-57	P57M08-93	739257	1009178.75	67	Mv	7/6/2006	90	3	1	Munitions Debris	7/7/2006	Frag	.	.

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Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS				QPOST-DIG QC		
		Location (ft)		Amp ¹	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57 Buffer	A14-044	738053.75	1009852.75	21	mV	9/28/2006	21	3	16	Cultural Debris	10/5/2006		Pass	KC
SEAD-57 Buffer	A14-047	738054.25	1009841.5	280	mV	9/28/2006	280	3	8	Cultural Debris	10/5/2006		Pass	KC
SEAD-57 Buffer	A14-050	738081.25	1009848.75	294	mV	9/28/2006	294	3	12	Cultural Debris	10/5/2006		Pass	KC
SEAD-57 Buffer	A14-051	738097	1009849.25	16	mV	9/28/2006	16	3	8	Cultural Debris	10/5/2006		Pass	KC
SEAD-57 Buffer	A14-053	738104.5	1009844.75	18	mV	9/28/2006	18	3	4	Cultural Debris	10/5/2006		Pass	KC
SEAD-57 Buffer	A14-054	738121.25	1009841.25	25	mV	9/28/2006	25	3	18	Cultural Debris	10/5/2006		Pass	KC
SEAD-57 Buffer	A14-055	738116.42	1009834.8	16	mV	9/28/2006	16	3	14	Cultural Debris	10/5/2006		Pass	KC
SEAD-57 Buffer	A14-062	738068.25	1009823.75	28	mV	9/28/2006	28	3	15	Cultural Debris	10/5/2006		Pass	KC
SEAD-57 Buffer	A14-069	737993.75	1009827.25	241	mV	9/28/2006	241	3	10	Cultural Debris	10/9/2006		Pass	KC
SEAD-57 Buffer	A14-073	737979.75	1009823.75	23	mV	9/28/2006	23	3	3	Cultural Debris	10/10/2006		Pass	KC
SEAD-57 Buffer	A14-079	737962	1009835.5	35	mV	9/28/2006	35	3	4	Cultural Debris	10/10/2006		Pass	KC
SEAD-57 Buffer	A14-084	737948.75	1009840.25	44	mV	9/28/2006	44	3	20	Cultural Debris	10/4/2006	3 washers, 3 digs	Pass	KC
SEAD-57 Buffer	A14-098	737915.67	1009840.93	161	mV	9/28/2006	161	3	6	Cultural Debris	10/10/2006		Pass	KC
SEAD-57 Buffer	A14-104	737940.75	1009843.5	85	mV	9/28/2006	85	3	24	Cultural Debris	10/4/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-106	737933	1009859.5	18	mV	9/28/2006	18	3	12	Cultural Debris	10/10/2006		Pass	KC
SEAD-57 Buffer	A14-109	737914	1009878.25	237	mV	9/28/2006	237	3	12	Cultural Debris	10/10/2006	Iron rod	Pass	KC
SEAD-57 Buffer	A14-110	737900.25	1009870	25	mV	9/28/2006	25	3	14	Munitions Debris	10/10/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-113	737895.19	1009874.36	36	mV	9/28/2006	36	3	6	Munitions Debris	10/10/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-114	737904.75	1009883.75	175	mV	9/28/2006	175	3	2	Cultural Debris	10/10/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-115	737902.25	1009888.75	309	mV	9/28/2006	309	3	8	Cultural Debris	10/10/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-116	737913.92	1009901.66	55	mV	9/28/2006	55	3	8	Cultural Debris	10/10/2006	Iron rod	Pass	KC
SEAD-57 Buffer	A14-117	737897.25	1009901.5	122	mV	9/28/2006	122	3	18	Cultural Debris	10/10/2006	Iron rod	Pass	KC
SEAD-57 Buffer	A14-119	737896.5	1009930.75	550	mV	9/28/2006	550	3	3	Munitions Debris	10/10/2006	Frag	Pass	KC
SEAD-57 Buffer	A14-120	737878	1009959.5	31	mV	9/28/2006	31	3	13	Cultural Debris	10/10/2006	Bolt	Pass	KC
SEAD-57 Buffer	A14-126	737975.5	1009950	21	mV	9/28/2006	21	3	18	Cultural Debris	10/10/2006	Wire	Pass	KC
SEAD-57 Buffer	A14-127	737978.25	1009944.25	24	mV	9/28/2006	24	3	8	Cultural Debris	10/10/2006	Washer	Pass	KC
SEAD-57 Buffer	A14-128	737993.5	1009947.5	187	mV	9/28/2006	187	3	2	Munitions Debris	10/9/2006	Frag	Pass	KC
SEAD-57 Buffer	A14-130	737987.25	1009985.25	26	mV	9/28/2006	26	3	5	Cultural Debris	10/9/2006		Pass	KC
SEAD-57 Buffer	A14-131	737991.25	1009999	29	mV	9/28/2006	29	3	14	Munitions Debris	10/9/2006	Frag	Pass	KC
SEAD-57 Buffer	A14-140	738046	1009952.75	18	mV	9/28/2006	18	3	24	Cultural Debris	10/9/2006		Pass	KC
SEAD-57 Buffer	A14-153	738047.25	1009938.25	30	mV	9/28/2006	30	3	3	Cultural Debris	10/9/2006		Pass	KC
SEAD-57 Buffer	A14-155	738037.25	1009931.5	73	mV	9/28/2006	73	3	3	Cultural Debris	10/9/2006		Pass	KC
SEAD-57 Buffer	A16-006	737902.5	1010043	149	mV	9/28/2006	149	3	3	Munitions Debris	10/10/2006	Frag	Pass	KC
SEAD-57 Buffer	A16-017	737967.25	1010055	47	mV	9/28/2006	47	3	4	Munitions Debris	10/10/2006	Frag	Pass	KC
SEAD-57 Buffer	A16-036	738050	1010095.25	17	mV	9/28/2006	17	3	8	Munitions Debris	10/10/2006	Frag	Pass	KC
SEAD-57 Buffer	A16-041	738071.75	1010088.75	32	mV	9/28/2006	32	3	29	Cultural Debris	10/5/2006	Bolt and washer	Pass	KC
SEAD-57 Buffer	A16-050	738074.75	1010004.75	50	mV	9/28/2006	50	3	6	Cultural Debris	10/5/2006		Pass	KC
SEAD-57 Buffer	A16-062	738122.5	1010182.5	42	mV	9/28/2006	42	3	5	Munitions Debris	10/5/2006	Frag	Pass	KC
SEAD-57 Buffer	A16-065	738076.75	1010230	18	mV	9/28/2006	18	3	0	Cultural Debris	10/24/2006	Wrench	Pass	KC
SEAD-57 Buffer	A16-067	738040	1010247	54	mV	9/28/2006	54	3	28	Munitions Debris	10/5/2006	Frag	Pass	KC
SEAD-57 Buffer	A16-069	738065.5	1010198	62	mV	9/28/2006	62	3	10	Munitions Debris	10/5/2006	Frag	Pass	KC
SEAD-57 Buffer	A16-072	738020.75	1010175.25	74	mV	9/28/2006	74	3	2	Munitions Debris	10/5/2006	Frag	Pass	KC
SEAD-57 Buffer	A16-074	738060	1010147.75	20	mV	9/28/2006	20	3	13	Munitions Debris	10/5/2006	Frag	Pass	KC
SEAD-57 Buffer	A16-077	738015.5	1010139	17	mV	9/28/2006	17	3	20	Cultural Debris	10/9/2006	Same as #78 [scrap metal]	Pass	KC
SEAD-57 Buffer	A16-078	738015.75	1010136.25	21	mV	9/28/2006	21	3	13	Cultural Debris	10/9/2006	Scrap metal	Pass	KC
SEAD-57 Buffer	A16-079	738003	1010116	16	mV	9/28/2006	16	3	6	Munitions Debris	10/9/2006	Flare piece	Pass	KC
SEAD-57 Buffer	A16-092	737969.46	1010203.19	27	mV	9/28/2006	27	3	4	Cultural Debris	10/9/2006	nut, 2 washers [2 digs]	Pass	KC
SEAD-57 Buffer	A16-095	737961.75	1010234.25	62	mV	9/28/2006	62	3	7	Munitions Debris	10/9/2006	Frag	Pass	KC
SEAD-57 Buffer	A16-097	737887.76	1010248.99	182	mV	9/28/2006	182	3	15	Munitions Debris	10/9/2006	Frag	Pass	KC
SEAD-57 Buffer	A16-099	737888.75	1010211	18	mV	9/28/2006	18	3	24	Munitions Debris	10/9/2006	Frag	Pass	KC
SEAD-57 Buffer	A18-001	737967.25	1010257.5	64	mV	9/28/2006	64	3	11	Munitions Debris	10/9/2006	Frag	Pass	KC
SEAD-57 Buffer	A18-002	737973.5	1010264	48	mV	9/28/2006	48	3	6	Cultural Debris	10/9/2006	Scrap metal	Pass	KC
SEAD-57 Buffer	A18-004	737969.5	1010273.75	45	mV	9/28/2006	45	3	13	Munitions Debris	10/9/2006	Frag	Pass	KC

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC QC Code J	QC Initials
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description		
Easting (X)	Northing (Y)													
SEAD-57 Buffer	E18-025	738505	1010305	35	mV	9/26/2006	35	3	4	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	E18-033	738417.25	1010259.25	16	mV	9/26/2006	16	3	18	Munitions Debris	10/4/2006	Frag	Pass	KC
SEAD-57 Buffer	E18-035	738450	1010278.5	51	mV	9/26/2006	51	3	18	Cultural Debris	10/4/2006	Wire	Pass	KC
SEAD-57 Buffer	G16-001	738733.75	1010191.25	31	mV	9/26/2006	31	3	6	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G16-011	738700.25	1010184.5	2030	mV	9/26/2006	2030	3	16	Munitions Debris	10/3/2006	Frag	-	
SEAD-57 Buffer	G16-012	738701.45	1010180.02	1065	mV	9/26/2006	1065	3	24	Munitions Debris	10/3/2006	Frag	-	
SEAD-57 Buffer	G16-016	738678	1010139.25	37	mV	9/26/2006	37	3	3	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G16-018	738645	1010157	69	mV	9/26/2006	69	3	5	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G16-022	738634.5	1010203.25	22	mV	9/26/2006	22	3	5	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G16-031	738701	1010229.5	20	mV	9/26/2006	20	3	5	Munitions Debris	10/3/2006	Frag	-	
SEAD-57 Buffer	G16-034	738731.25	1010243.75	20	mV	9/26/2006	20	3	8	Cultural Debris	10/3/2006	-	-	
SEAD-57 Buffer	G16-035	738725	1010217	18	mV	9/26/2006	18	3	16	Munitions Debris	10/3/2006	Frag	-	
SEAD-57 Buffer	G18-013	738629.75	1010320	20	mV	9/26/2006	20	3	17	Munitions Debris	10/3/2006	Frag, 3 digs, 3 pieces	Pass	KC
SEAD-57 Buffer	G18-017	738649	1010273.5	18	mV	9/26/2006	18	3	30	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G18-018	738658.5	1010273	23	mV	9/26/2006	23	3	10	Munitions Debris	10/3/2006	Frag	Pass	KC
SEAD-57 Buffer	G18-023	738701.5	1010256.5	70	mV	9/26/2006	70	3	30	MPPEH	10/3/2006	Frag, also 1 ea 20 mm head	Pass	KC
SEAD-57 Buffer	G18-028	738727	1010287.5	59	mV	9/26/2006	59	3	3	Cultural Debris	10/3/2006	Scrap metal	Pass	KC
SEAD-57 Buffer	G18-034	738873.5	1010346.25	20	mV	9/26/2006	20	3	10	Munitions Debris	10/2/2006	frag	-	
SEAD-57 Buffer	I18-001	738912	1010377	23	mV	9/26/2006	23	3	5	Munitions Debris	10/2/2006	Frag	-	
SEAD-57 Buffer	I18-006	738909.5	1010316.75	18	mV	9/26/2006	18	3	36	Cultural Debris	10/2/2006	Trailer piece	Pass	KC
SEAD-57 Buffer	I18-007	738906.25	1010326.5	78	mV	9/26/2006	78	3	9	MPPEH	10/2/2006	2.36 war hrad piece	Pass	KC
SEAD-57 Buffer	I18-013	739006.75	1010362.5	19	mV	9/26/2006	19	3	2	Munitions Debris	10/2/2006	Small Arms, .50 cal head	Pass	KC
SEAD-57 Buffer	I18-025	739047.5	1010295.75	54	mV	9/26/2006	54	3	6	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	I18-027	739079.4	1010310.8	160	mV	9/26/2006	160	3	4	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	I18-028	739074.73	1010306.52	38	mV	9/26/2006	38	3	2	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	I18-036	739060	1010342.5	20	mV	9/26/2006	20	3	20	Munitions Debris	10/2/2006	Frag, two digs, 2 pieces	Pass	KC
SEAD-57 Buffer	I18-040	739088.75	1010395	142	mV	9/26/2006	142	3	9	Munitions Debris	10/2/2006	Frag, 2 pieces	Pass	KC
SEAD-57 Buffer	I18-045	739098.25	1010443.75	24	mV	9/26/2006	24	3	20	Munitions Debris	10/2/2006	20 mm [empty]	-	
SEAD-57 Buffer	I18-046	739063.75	1010423.75	26	mV	9/26/2006	26	3	7	Munitions Debris	10/2/2006	Frag	-	
SEAD-57 Buffer	I18-047	739046.5	1010401	132	mV	9/26/2006	132	3	6	Munitions Debris	10/2/2006	Frag	-	
SEAD-57 Buffer	I18-048	739041.46	1010394.85	23	mV	9/26/2006	23	3	5	Munitions Debris	10/2/2006	Frag	-	
SEAD-57 Buffer	I18-049	739033.5	1010403	24	mV	9/26/2006	24	3	10	Munitions Debris	10/2/2006	Frag	-	
SEAD-57 Buffer	I18-053	738915.25	1010383.75	17	mV	9/26/2006	17	3	6	Munitions Debris	10/2/2006	Frag	-	
SEAD-57 Buffer	K16-012	739343.75	1010223.25	48	mV	9/26/2006	48	3	6	Cultural Debris	9/28/2006	-	Pass	KC
SEAD-57 Buffer	K18-004	739136	1010354.75	25	mV	9/26/2006	25	3	4	Munitions Debris	10/2/2006	Frag	-	
SEAD-57 Buffer	K18-007	739216.75	1010340.75	121	mV	9/26/2006	121	3	7	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	K18-015	739152.75	1010291.25	21	mV	9/26/2006	21	3	3	Munitions Debris	10/2/2006	Frag	-	
SEAD-57 Buffer	K18-017	739139.25	1010271.5	20	mV	9/26/2006	20	3	4	Munitions Debris	10/2/2006	Frag	-	
SEAD-57 Buffer	K18-025	739295	1010270	107	mV	9/26/2006	107	3	16	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	K18-027	739309.5	1010284.25	18	mV	9/26/2006	18	3	16	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	K18-035	739361.38	1010265.18	99	mV	9/26/2006	99	3	6	Cultural Debris	9/28/2006	Trash	Pass	KC
SEAD-57 Buffer	K18-038	739333	1010285.5	241	mV	9/26/2006	241	3	12	Cultural Debris	9/28/2006	-	Pass	KC
SEAD-57 Buffer	K18-051	739294.75	1010452.5	159	mV	9/26/2006	159	3	24	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	K18-053	739276.5	1010447.25	30	mV	9/26/2006	30	3	5	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	K18-058	739295.5	1010399.25	21	mV	9/26/2006	21	3	7	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	K18-060	739317.5	1010389.75	66	mV	9/26/2006	66	3	7	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	K18-065	739208	1010369.25	32	mV	9/26/2006	32	3	8	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	K18-072	739185	1010423.5	436	mV	9/26/2006	436	3	12	Munitions Debris	10/2/2006	Frag	Pass	KC
SEAD-57 Buffer	M16-002	739409.05	1010221.58	24	mV	9/26/2006	24	3	15	Cultural Debris	9/28/2006	Trash	Pass	KC
SEAD-57 Buffer	M16-005	739394.5	1010183	20	mV	9/26/2006	20	3	6	Munitions Debris	9/28/2006	Small Arms, .50 cal pieces	Pass	KC
SEAD-57 Buffer	M16-006	739375.59	1010224.11	60	mV	9/26/2006	60	3	8	Cultural Debris	9/28/2006	-	Pass	KC
SEAD-57 Buffer	X16-001	737849.5	1010211.75	313	mV	10/2/2006	313	3	6	Munitions Debris	10/9/2006	Frag	-	
SEAD-57 Buffer	X16-004	737857	1010088.5	38	mV	10/2/2006	38	3	8	Munitions Debris	10/10/2006	Frag	Pass	KC

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION				DIG RESULTS			QPOST-DIG QC Code ³	QC Initials
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description		
		Easting (X)	Northing (Y)											
SEAD-57	57E08-0202	738484	1009026.25	34	Mv	9/11/2006	34	2	4	Munitions Debris	9/20/2006	MK25 pieces	Pass	KC
SEAD-57	57E10-0005	738491.25	1009268	459	Mv	6/27/2006	115	2	4	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57E10-0016	738448.25	1009325.75	292	Mv	6/28/2006	180	2	5	Munitions Debris	7/17/2006	Alum MD	Pass	KC
SEAD-57	57E10-0017	738470.75	1009397.5	290	Mv	6/28/2006	85	2	0	Munitions Debris	6/28/2006	Alum MD	-	-
SEAD-57	57E10-0020	738450.75	1009433.25	278	Mv	6/27/2006	173	2	1	Munitions Debris	6/28/2006	Frag	-	-
SEAD-57	57E10-0024	738494.5	1009405	259	Mv	6/28/2006	165	2	0	Munitions Debris	6/28/2006	Alum MD	-	-
SEAD-57	57E10-0026	738491.75	1009405.5	249	Mv	6/28/2006	120	2	0	Munitions Debris	6/28/2006	Alum MD	-	-
SEAD-57	57E10-0031	738486	1009399.75	238	Mv	6/28/2006	87	2	0	Munitions Debris	6/28/2006	Alum MD	-	-
SEAD-57	57E10-0037	738459.5	1009404.5	221	Mv	6/27/2006	105	2	0	Munitions Debris	6/28/2006	Alum MD	-	-
SEAD-57	57E10-0039	738489.25	1009283	220	Mv	6/27/2006	165	2	1	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57E10-0042	738478.5	1009343.75	212	Mv	6/28/2006	91	2	3	Munitions Debris	7/19/2006	Alum MD	-	-
SEAD-57	57E10-0043	738455.25	1009448.5	207	Mv	6/27/2006	104	2	0	Munitions Debris	6/28/2006	Frag	-	-
SEAD-57	57E10-0060	738488.75	1009328.25	199	Mv	6/28/2006	99	2	4	Munitions Debris	7/19/2006	Alum MD	-	-
SEAD-57	57E10-0062	738449.136	1009343.452	163	Mv	6/28/2006	137	2	2	Munitions Debris	7/19/2006	Alum MD	Pass	KC
SEAD-57	57E10-0063	738462.25	1009281.25	193	Mv	6/27/2006	85	2	1	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57E10-0067	738483.75	1009463	189	Mv	6/27/2006	117	2	0	Cultural Debris	6/27/2006	Alum	-	-
SEAD-57	57E10-0078	738470.25	1009421	181	Mv	6/27/2006	78	2	3	Munitions Debris	6/28/2006	Frag	-	-
SEAD-57	57E10-0088	738482	1009480.5	169	Mv	6/27/2006	100	2	0	Cultural Debris	6/27/2006	Alum	-	-
SEAD-57	57E10-0092	738443.25	1009436	166	Mv	6/27/2006	86	2	0	Munitions Debris	6/28/2006	Frag	Pass	KC
SEAD-57	57E10-0093	738475	1009385	165	Mv	6/28/2006	53	2	0	Munitions Debris	6/28/2006	Alum MD	-	-
SEAD-57	57E10-0095	738469.75	1009324.25	163	Mv	6/28/2006	108	2	4	Munitions Debris	7/17/2006	Alum MD	-	-
SEAD-57	57E10-0096	738450.75	1009441	162	Mv	6/28/2006	79	2	0	Munitions Debris	6/28/2006	Frag	-	-
SEAD-57	57E10-0097	738492.75	1009315.5	162	Mv	6/28/2006	101	2	2	Munitions Debris	7/17/2006	Alum MD	-	-
SEAD-57	57E10-0099	738459.25	1009317.75	161	Mv	6/28/2006	82	2	3	Munitions Debris	7/17/2006	Alum MD	-	-
SEAD-57	57E10-0103	738478.625	1009416.25	158	Mv	6/28/2006	93	2	0	Munitions Debris	6/28/2006	Alum MD	-	-
SEAD-57	57E10-0105	738449	1009492.25	158	Mv	6/27/2006	76	2	0	Munitions Debris	7/6/2006	Alum MD	-	-
SEAD-57	57E10-0106	738467	1009416	157	Mv	6/27/2006	105	2	0	Munitions Debris	6/28/2006	Alum MD	-	-
SEAD-57	57E10-0109	738476	1009292	156	Mv	6/22/2006	99	2	0	Munitions Debris	7/6/2006	Alum MD	-	-
SEAD-57	57E10-0110	738480	1009269	156	Mv	6/22/2006	120	2	0	Munitions Debris	7/6/2006	Alum MD	-	-
SEAD-57	57E10-0114	738472.75	1009252.5	151	Mv	7/5/2006	151	2	0	Munitions Debris	7/6/2006	Alum MD	-	-
SEAD-57	57E10-0118	738471	1009369.25	148	Mv	6/28/2006	104	2	0	Munitions Debris	6/28/2006	Alum MD	-	-
SEAD-57	57E10-0119	738463.25	1009274	147	Mv	6/27/2006	75	2	3	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57E10-0121	738478	1009308	146	Mv	6/27/2006	92	2	2	Munitions Debris	6/28/2006	Frag	-	-
SEAD-57	57E10-0122	738480	1009263.5	145	Mv	7/19/2006	145	2	0	Munitions Debris	7/19/2006	Alum MD	-	-
SEAD-57	57E10-0129	738454.5	1009268.25	141	Mv	6/27/2006	150	2	1	Munitions Debris	6/5/2006	Alum MD	-	-
SEAD-57	57E10-0130	738480.25	1009297.25	141	Mv	6/22/2006	93	2	0	Munitions Debris	7/6/2006	Alum MD	-	-
SEAD-57	57E10-0131	738463.75	1009445.75	141	Mv	6/27/2006	113	2	0	Munitions Debris	6/28/2006	Frag	-	-
SEAD-57	57E10-0135	738465.5	1009284.25	136	Mv	6/27/2006	91	2	2	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57E10-0139	738479.75	1009443.25	133	Mv	6/27/2006	76	2	0	Munitions Debris	6/28/2006	Frag	-	-
SEAD-57	57E10-0140	738455.75	1009479.75	133	Mv	6/27/2006	72	2	0	Cultural Debris	6/27/2006	Alum	-	-
SEAD-57	57E10-0141	738459	1009339.5	132	Mv	6/28/2006	76	2	3	Munitions Debris	7/17/2006	Alum MD	Pass	KC
SEAD-57	57E10-0144	738474.25	1009264.25	131	Mv	7/5/2006	131	2	0	Munitions Debris	7/6/2006	Alum MD	-	-
SEAD-57	57E10-0148	738451	1009252.25	127	Mv	6/27/2006	84	2	3	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57E10-0149	738446.25	1009456.5	126	Mv	6/27/2006	126	2	0	Munitions Debris	6/28/2006	Frag	-	-
SEAD-57	57E10-0151	738469	1009304.5	122	Mv	6/27/2006	100	2	3	Munitions Debris	6/28/2006	Frag	-	-
SEAD-57	57E10-0156	738449.5	1009454	120	Mv	6/27/2006	98	2	0	Cultural Debris	6/27/2006	Alum	-	-
SEAD-57	57E10-0161	738488.25	1009485.25	118	Mv	6/27/2006	65	2	0	Munitions Debris	7/6/2006	Alum MD	-	-
SEAD-57	57E10-0168	738487.25	1009264.5	111	Mv	6/22/2006	61	2	0	Munitions Debris	7/6/2006	Alum MD	-	-
SEAD-57	57E10-0172	738450.5	1009339.5	109	Mv	6/28/2006	50	2	3	Munitions Debris	7/17/2006	Alum MD	Pass	KC
SEAD-57	57E10-0177	738448.5	1009277.5	107	Mv	6/27/2006	81	2	2	Munitions Debris	6/5/2006	Alum MD	-	-
SEAD-57	57E10-0182	738495	1009324.5	105	Mv	6/28/2006	120	2	2	Munitions Debris	7/17/2006	Alum MD	-	-
SEAD-57	57E10-0184	738494.5	1009432.25	104	Mv	6/27/2006	81	2	1	Munitions Debris	6/28/2006	Frag	-	-
SEAD-57	57E10-0194	738468.5	1009252.25	98	Mv	7/5/2006	98	2	0	Munitions Debris	7/6/2006	Alum MD	Pass	KC

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION			DIG RESULTS				QPOST-DIG QC	
		Location (ft)		Amp ¹	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ³	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	57E14-0029	738379.75	1009874.75	488	Mv	6/21/2006	195	2	6	Cultural Debris	6/27/2006	Trash	Pass	KC
SEAD-57	57E14-0031	738495	1009788.5	481	Mv	6/28/2006	160	2	5	Munitions Debris	6/29/2006	Frag	-	-
SEAD-57	57E14-0034	738335.75	1009958.75	454	Mv	6/22/2006	180	2	0	Cultural Debris	7/19/2006	Survey stake	-	-
SEAD-57	57E14-0050	738499.25	1009987.25	303	Mv	6/28/2006	50	2	1	Cultural Debris	6/29/2006	Trash	Pass	KC
SEAD-57	57E14-0063	738337.75	1009918.5	231	Mv	6/22/2006	60	2	0	Cultural Debris	7/19/2006	Scrap metal	-	-
SEAD-57	57E14-0065	738338.5	1009958.75	230	Mv	6/22/2006	200	2	0	Cultural Debris	7/19/2006	Survey stake	Pass	KC
SEAD-57	57E14-0071	738267	1009872.5	212	Mv	6/28/2006	65	2	0	Cultural Debris	6/29/2006	Survey stake	-	-
SEAD-57	57E14-0076	738263	1009849	194	Mv	6/28/2006	135	2	1	Munitions Debris	6/29/2006	Frag	Pass	KC
SEAD-57	57E14-0083	738300	1009776.5	165	Mv	6/28/2006	100	2	3	Cultural Debris	6/29/2006	Trash	-	-
SEAD-57	57E14-0090	738413.75	1009859.5	143	Mv	6/21/2006	65	2	24	Munitions Debris	6/27/2006	Small Arns, 5.56 brass	-	-
SEAD-57	57E14-0095	738378	1009892.75	125	Mv	6/21/2006	55	2	14	Munitions Debris	6/27/2006	Small Arns, Blank cart.	Pass	KC
SEAD-57	57E14-0099	738263.5	1009923	117	Mv	6/28/2006	50	2	1	Munitions Debris	6/29/2006	Frag	-	-
SEAD-57	57E14-0106	738457.25	1009815.25	108	Mv	6/28/2006	25	2	6	Munitions Debris	6/29/2006	Small Arns, 5.56 brass	-	-
SEAD-57	57E14-0109	738295.625	1009782.875	107	Mv	6/28/2006	70	2	4	Cultural Debris	6/29/2006	Trash	-	-
SEAD-57	57E14-0110	738346.75	1009805.25	107	Mv	6/28/2006	70	2	6	Munitions Debris	6/29/2006	Frag	-	-
SEAD-57	57E14-0111	738294	1009905.5	106	Mv	6/22/2006	40	2	0	Munitions Debris	7/19/2006	Frag	-	-
SEAD-57	57E14-0112	738480.5	1009809.25	105	Mv	6/28/2006	120	2	2	Munitions Debris	6/29/2006	Frag	-	-
SEAD-57	57E14-0124	738425.5	1009844	93	Mv	6/22/2006	25	2	14	Cultural Debris	7/19/2006	Steel scrap	-	-
SEAD-57	57E14-0134	738351.5	1009853	82	Mv	6/28/2006	25	2	0	Cultural Debris	6/29/2006	Trash	-	-
SEAD-57	57E14-0140	738401.75	1009780	78	Mv	7/5/2006	78	2	12	Munitions Debris	7/19/2006	Alum MD	Pass	KC
SEAD-57	57E14-0141	738363.25	1009868	75	Mv	6/28/2006	35	2	0	Munitions Debris	6/29/2006	Frag	Pass	KC
SEAD-57	57E14-0143	738437.25	1009906	75	Mv	6/21/2006	21	2	12	Munitions Debris	6/27/2006	Frag	-	-
SEAD-57	57E14-0145	738442.5	1009916	73	Mv	6/21/2006	105	2	24	Cultural Debris	6/27/2006	Some type of road or parking area under a layer of grass all hot.	Pass	KC
SEAD-57	57E14-0154	738289	1009808.75	69	Mv	6/28/2006	15	2	3	Cultural Debris	6/29/2006	Trash	-	-
SEAD-57	57E14-0159	738446.5	1009763.25	67	Mv	7/5/2006	67	2	3	Munitions Debris	7/19/2006	Steel MD Frag. Anomalies E14-0159 and -0204 are same item.	-	-
SEAD-57	57E14-0167	738488	1009944.5	64	Mv	6/28/2006	55	2	10	Cultural Debris	6/29/2006	Trash	-	-
SEAD-57	57E14-0170	738413.75	1009844	62	Mv	6/21/2006	60	2	5	Cultural Debris	6/27/2006	Trash	-	-
SEAD-57	57E14-0171	738433.5	1009908.75	62	Mv	6/21/2006	11	2	14	Cultural Debris	6/27/2006	Trash	-	-
SEAD-57	57E14-0180	738424.75	1009857	58	Mv	6/21/2006	35	2	7	Cultural Debris	6/27/2006	Trash	-	-
SEAD-57	57E14-0182	738328	1009789.5	57	Mv	6/28/2006	160	2	4	Cultural Debris	6/29/2006	Trash	-	-
SEAD-57	57E14-0186	738268.25	1009835.25	56	Mv	6/28/2006	20	2	1	Cultural Debris	6/29/2006	Trash	Pass	KC
SEAD-57	57E14-0190	738427.25	1009955	55	Mv	6/22/2006	22	2	6	Munitions Debris	7/19/2006	Alum MD	Pass	KC
SEAD-57	57E14-0204	738445.25	1009760.75	51	Mv	7/5/2006	51	2	3	Munitions Debris	7/19/2006	Steel MD Frag. Anomalies E14-0159 and -0204 are same item.	-	-
SEAD-57	57E14-0205	738463.5	1009892	51	Mv	6/28/2006	25	2	4	Munitions Debris	6/29/2006	Frag	Pass	KC
SEAD-57	57E14-0208	738385.5	1009989.75	50	Mv	6/22/2006	25	2	0	Munitions Debris	7/19/2006	Alum MD	-	-
SEAD-57	57E14-0212	738331	1009958.25	50	Mv	6/22/2006	50	2	0	Cultural Debris	7/19/2006	Scrap metal	Pass	KC
SEAD-57	57E14-0238	738316.75	1009988.5	44	Mv	9/11/2006	44	2	20	Cultural Debris	9/21/2006	Trash	-	-
SEAD-57	57E16-0006	738496.25	1010072.5	206	Mv	6/21/2006	50	2	2	Cultural Debris	6/22/2006	Trash	-	-
SEAD-57	57E16-0014	738387	1010022	58	Mv	6/21/2006	20	2	0	Munitions Debris	6/22/2006	Frag	-	-
SEAD-57	57E16-0015	738500.07	1010034.622	50	Mv	6/21/2006	40	2	1	Munitions Debris	6/22/2006	Frag	-	-
SEAD-57	57G04-0009	738739.5	1008611.5	376	Mv	6/20/2006	320	2	3	Cultural Debris	6/22/2006	Trash	-	-
SEAD-57	57G04-0015	738740.75	1008606.25	268	Mv	6/20/2006	120	2	1	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0024	738711.75	1008641.75	207	Mv	6/20/2006	165	2	2	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0026	738742.5	1008648.75	204	Mv	6/20/2006	90	2	0	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0029	738726	1008735.75	194	Mv	6/20/2006	190	2	2	Munitions Debris	6/20/2006	Alum MD	-	-
SEAD-57	57G04-0035	738741.5	1008601.75	182	Mv	6/20/2006	170	2	1	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0036	738695	1008631.75	179	Mv	6/20/2006	95	2	2	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0039	738699.75	1008612.5	175	Mv	6/20/2006	100	2	1	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0041	738734.5	1008717.75	170	Mv	6/20/2006	110	2	0	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0043	738721.25	1008737.75	167	Mv	6/20/2006	115	2	4	Munitions Debris	6/20/2006	Alum MD	-	-
SEAD-57	57G04-0044	738745	1008636.5	164	Mv	6/20/2006	90	2	2	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0045	738735.75	1008600	164	Mv	6/20/2006	160	2	1	Munitions Debris	6/21/2006	Frag	-	-
SEAD-57	57G04-0056	738668	1008629	142	Mv	6/20/2006	60	2	1	Munitions Debris	6/21/2006	Frag	Pass	KC

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Worksite	Anomaly ID	DGM 1 and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC QC Code	QC Initials
		Location (ft) Easting (X) Northing (Y)	Amp 1	Amp Unit	Date	Amp	Depth (In)	Location Offset (In)	Type	Date	Item Description			
SEAD-57	57G14-0162	738702.75	1009766	249	Mv	6/13/2006	51	2	2	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0163	738610.5	1009822.75	248	Mv	6/13/2006	155	2	6	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0165	738708.5	1009758.25	241	Mv	6/13/2006	146	2	3	Cultural Debris	6/19/2006	Trash	Pass	KC
SEAD-57	57G14-0167	738580.5	1009884.25	235	Mv	6/13/2006	53	2	5	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0168	738646.75	1009781	233	Mv	6/13/2006	132	2	1	Munitions Debris	6/20/2006	Frag	Pass	KC
SEAD-57	57G14-0172	738632.25	1009781.75	223	Mv	6/13/2006	141	2	2	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0173	738503.5	1009751.25	219	Mv	6/14/2006	147	2	20	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0176	738518.25	1009936.25	215	Mv	6/13/2006	91	2	1	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0179	738591.5	1009794.75	212	Mv	6/13/2006	165	2	6	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0181	738674	1009944.75	209	Mv	6/14/2006	60	2	0	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0183	738707.25	1009777.75	207	Mv	6/13/2006	111	2	1	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0184	738688.5	1009779	203	Mv	6/13/2006	130	2	1	Munitions Debris	6/20/2006	Frag	Pass	KC
SEAD-57	57G14-0188	738679.5	1009789.25	202	Mv	6/13/2006	90	2	1	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0190	738674.487	1009781.464	199	Mv	6/13/2006	148	2	1	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0193	738699.25	1009768.75	195	Mv	6/13/2006	54	2	2	MPPEH	6/20/2006	20mun	-	-
SEAD-57	57G14-0194	738663.5	1009780.75	195	Mv	6/13/2006	126	2	1	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0196	738715.736	1009862.883	193	Mv	6/13/2006	40	2	4	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0200	738637.25	1009776.25	189	Mv	6/13/2006	113	2	1	Cultural Debris	6/20/2006	Trash	Pass	KC
SEAD-57	57G14-0202	738707.75	1009764.5	183	Mv	6/13/2006	96	2	1	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0203	738686.5	1009767.5	182	Mv	6/13/2006	107	2	1	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0206	738700	1009777.25	181	Mv	6/13/2006	106	2	1	Munitions Debris	6/20/2006	frag	-	-
SEAD-57	57G14-0224	738691.5	1009756	159	Mv	6/14/2006	116	2	3	MPPEH	6/19/2006	20mun	-	-
SEAD-57	57G14-0229	738583.5	1009848	155	Mv	6/13/2006	62	2	10	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0231	738616.172	1009753.696	151	Mv	6/13/2006	100	2	5	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0233	738587.5	1009777.5	148	Mv	6/21/2006	45	2	6	Munitions Debris	7/19/2006	Alum MD	-	-
SEAD-57	57G14-0237	738680.5	1009767.75	144	Mv	6/14/2006	86	2	1	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0240	738714.5	1009866.75	142	Mv	6/13/2006	113	2	6	Cultural Debris	6/20/2006	Trash	-	-
SEAD-57	57G14-0243	738510.5	1009926.75	140	Mv	6/13/2006	49	2	2	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0247	738669	1009788.25	136	Mv	6/13/2006	56	2	4	Munitions Debris	6/20/2006	Frag	Pass	KC
SEAD-57	57G14-0249	738552.75	1009767	134	Mv	6/14/2006	124	2	1	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0275	738566.314	1009814.014	111	Mv	6/21/2006	60	2	2	Munitions Debris	6/22/2006	Frag	Pass	KC
SEAD-57	57G14-0282	738706.5	1009865	105	Mv	6/13/2006	106	2	4	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0288	738689	1009793.5	101	Mv	6/13/2006	85	2	1	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0289	738706	1009754	100	Mv	6/13/2006	31	2	2	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0292	738622.75	1009755.5	97	Mv	6/13/2006	103	2	6	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0308	738708.5	1009811	92	Mv	6/12/2006	20	2	1	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0315	738737.75	1009841	88	Mv	6/13/2006	57	2	8	Cultural Debris	6/20/2006	Trash	Pass	KC
SEAD-57	57G14-0316	738665.25	1009837.5	87	Mv	6/13/2006	50	2	7	Cultural Debris	6/20/2006	Trash	-	-
SEAD-57	57G14-0328	738689.5	1009762	81	Mv	6/13/2006	74	2	1	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0338	738724.75	1009769.5	75	Mv	6/13/2006	31	2	2	Cultural Debris	6/19/2006	Trash	-	-
SEAD-57	57G14-0342	738632.144	1009761.609	75	Mv	6/13/2006	40	2	8	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0343	738729.5	1009980.5	74	Mv	6/14/2006	27	2	20	Cultural Debris	6/15/2006	Trash	Pass	KC
SEAD-57	57G14-0351	738686.25	1009796	72	Mv	6/13/2006	36	2	2	Cultural Debris	6/20/2006	Trash	-	-
SEAD-57	57G14-0356	738575.75	1009783.75	71	Mv	6/13/2006	48	2	1	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0376	738552.5	1009847.75	65	Mv	6/21/2006	25	2	5	Munitions Debris	6/22/2006	Frag	-	-
SEAD-57	57G14-0380	738693.75	1009763.5	63	Mv	6/13/2006	37	2	2	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0410	738635.75	1009862.5	57	Mv	6/13/2006	20	2	8	Munitions Debris	6/20/2006	Frag	-	-
SEAD-57	57G14-0411	738631.75	1009879.75	56	Mv	6/13/2006	11	2	10	Munitions Debris	6/27/2006	Small Arms, 5.56 blank	Pass	KC
SEAD-57	57G14-0423	738605.25	1009772.75	54	Mv	6/13/2006	37	2	6	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0428	738675.659	1009978.779	52	Mv	7/11/2006	85	2	2	Cultural Debris	7/12/2006	Nails	-	-
SEAD-57	57G14-0430	738684.75	1009751.25	52	Mv	6/14/2006	12	2	1	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0440	738695.441	1009751.645	50	Mv	6/14/2006	24	2	0	Munitions Debris	6/19/2006	Frag	-	-
SEAD-57	57G14-0442	738502	1009784	50	Mv	6/14/2006	40	2	24	Munitions Debris	6/19/2006	Frag	-	-

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Worksite	DGM ¹ and GPS SURVEY					REACQUISITION		DIG RESULTS					QPOST-DIG QC	
	Anomaly ID	Location (ft)		Amp ¹	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ³	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	57104-0146	738818	1008712.75	78	Mv	6/29/2006	82	2	3	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0152	738877	1008713.25	74	Mv	6/29/2006	15	2	4	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0154	738808.25	1008717.75	73	Mv	6/29/2006	188	2	1	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0176	738841.5	1008737.5	61	Mv	6/29/2006	68	2	4	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0179	738796	1008718.75	60	Mv	6/29/2006	30	2	8	Munitions Debris	7/7/2006	Alum MD	-	-
SEAD-57	57104-0254	738947.25	1008733	29	Mv	9/11/2006	29	2	3	Munitions Debris	9/21/2006	Unknown	-	-
SEAD-57	57104-0341	738918.5	1008639.25	14	Mv	9/11/2006	14	2	12	Munitions Debris	9/21/2006	Frag	-	-
SEAD-57	57114-0003	738967.5	1009832	193715	Mv	6/19/2006	3000	2	6	Cultural Debris	6/27/2006	Trash	Pass	KC
SEAD-57	57114-0021	738812	1009775	1561	Mv	6/20/2006	800	2	1	Cultural Debris	6/22/2006	Trash	-	-
SEAD-57	57114-0027	738798.25	1009913.25	1007	Mv	6/22/2006	400	2	6	Cultural Debris	6/27/2006	Trash	-	-
SEAD-57	57114-0028	738773.75	1009752	898	Mv	6/20/2006	340	2	1	Munitions Debris	6/22/2006	Frag	-	-
SEAD-57	57114-0029	738816.5	1009937	882	Mv	6/28/2006	310	2	12	Munitions Debris	6/15/2006	Steel MD	-	-
SEAD-57	57114-0033	738816	1009933.25	815	Mv	6/28/2006	378	2	10	Munitions Debris	6/15/2006	Steel MD	-	-
SEAD-57	57114-0034	738828.5	1009889.25	800	Mv	6/22/2006	450	2	0	Cultural Debris	7/19/2006	Scrap Metal	-	-
SEAD-57	57114-0042	738791.75	1009879.75	703	Mv	6/22/2006	340	2	0	Munitions Debris	6/27/2006	Frag	Pass	KC
SEAD-57	57114-0056	738781.75	1009830.5	559	Mv	6/6/2006	559	2	3	Munitions Debris	7/19/2006	Alum MD	-	-
SEAD-57	57114-0060	738818	1009934	488	Mv	6/28/2006	224	2	24	Munitions Debris	6/15/2006	Steel MD	-	-
SEAD-57	57114-0063	738817	1009767.25	466	Mv	6/20/2006	220	2	1	Munitions Debris	6/22/2006	Frag	Pass	KC
SEAD-57	57114-0069	738789.25	1009871	443	Mv	6/28/2006	214	2	0	Cultural Debris	8/23/2006	Wire	-	-
SEAD-57	57114-0086	738806.5	1009852.75	343	Mv	6/22/2006	70	2	0	Munitions Debris	6/27/2006	Frag	Pass	KC
SEAD-57	57114-0090	738895	1009941.75	314	Mv	6/22/2006	170	2	5	Cultural Debris	6/27/2006	Trash	-	-
SEAD-57	57114-0094	738814.5	1009954.25	287	Mv	6/22/2006	190	2	1	Cultural Debris	6/27/2006	Large concrete slab-possible septic tank	-	-
SEAD-57	57114-0100	738875.993	1009753.953	261	Mv	6/20/2006	170	2	1	Cultural Debris	6/22/2006	wire	-	-
SEAD-57	57114-0103	738831	1009860.25	255	Mv	6/22/2006	120	2	8	Munitions Debris	6/27/2006	Frag	-	-
SEAD-57	57114-0107	738907.5	1009775.75	242	Mv	6/20/2006	95	2	0	Cultural Debris	7/19/2006	Alum	Pass	KC
SEAD-57	57114-0114	738891.75	1009939.75	225	Mv	6/22/2006	125	2	5	Cultural Debris	6/27/2006	Trash	-	-
SEAD-57	57114-0123	738796.5	1009850.75	221	Mv	6/28/2006	233	2	0	Cultural Debris	8/23/2006	Scrap metal	-	-
SEAD-57	57114-0124	738861.25	1009788.75	217	Mv	6/27/2006	131	2	0	Munitions Debris	8/23/2006	Alum MD	-	-
SEAD-57	57114-0128	738776.25	1009755	214	Mv	6/20/2006	115	2	1	Munitions Debris	6/22/2006	Frag	-	-
SEAD-57	57114-0129	738801.048	1009856.314	212	Mv	6/22/2006	130	2	0	Munitions Debris	6/27/2006	Frag	Pass	KC
SEAD-57	57114-0130	738927.75	1009793.5	211	Mv	6/20/2006	85	2	0	Cultural Debris	7/19/2006	Alum	-	-
SEAD-57	57114-0137	738762.75	1009872.5	203	Mv	6/28/2006	98	2	2	Cultural Debris	7/7/2006	Alum scrap	-	-
SEAD-57	57114-0139	738871.75	1009836.25	198	Mv	6/27/2006	119	2	0	Cultural Debris	8/23/2006	Scrap metal	-	-
SEAD-57	57114-0147	738932.5	1009770	187	Mv	6/6/2006	187	2	8	Munitions Debris	7/19/2006	Alum MD	Pass	KC
SEAD-57	57114-0158	738868.75	1009836	173	Mv	6/27/2006	108	2	0	Cultural Debris	8/23/2006	Scrap metal	-	-
SEAD-57	57114-0159	738924	1009772	171	Mv	6/20/2006	75	2	5	Munitions Debris	6/27/2006	Frag	-	-
SEAD-57	57114-0165	738771.75	1009761.25	165	Mv	6/20/2006	95	2	1	Munitions Debris	6/22/2006	Frag	-	-
SEAD-57	57114-0167	738884.25	1009901	164	Mv	6/6/2006	164	2	4	Cultural Debris	7/19/2006	Steel scrap	-	-
SEAD-57	57114-0169	738878.75	1009961.5	164	Mv	6/22/2006	55	2	12	Cultural Debris	6/28/2006	Trash	-	-
SEAD-57	57114-0172	738766	1009873.25	162	Mv	6/28/2006	98	2	3	Cultural Debris	7/7/2006	Alum scrap	-	-
SEAD-57	57114-0181	738888	1009763	154	Mv	6/20/2006	105	2	2	Munitions Debris	6/22/2006	Frag	-	-
SEAD-57	57114-0184	738926.75	1009798.25	147	Mv	6/6/2006	147	2	0	Cultural Debris	7/19/2006	Wire	-	-
SEAD-57	57114-0186	738772	1009765.75	141	Mv	6/20/2006	95	2	8	Munitions Debris	6/22/2006	Frag	-	-
SEAD-57	57114-0194	738923	1009796	137	Mv	6/20/2006	115	2	0	Cultural Debris	7/19/2006	Wire	-	-
SEAD-57	57114-0201	738881.5	1009958.75	130	Mv	6/22/2006	85	2	5	Cultural Debris	6/28/2006	Trash	-	-
SEAD-57	57114-0202	738794	1009951.5	130	Mv	6/28/2006	61	2	0	Cultural Debris	7/7/2006	Metal banding	-	-
SEAD-57	57114-0209	738828.75	1009937.25	124	Mv	6/22/2006	50	2	8	Cultural Debris	6/27/2006	Trash	-	-
SEAD-57	57114-0226	738818.5	1009845.25	112	Mv	6/22/2006	65	2	0	Munitions Debris	6/27/2006	Frag	-	-
SEAD-57	57114-0237	738786.25	1009783.75	107	Mv	6/20/2006	20	2	1	Munitions Debris	6/22/2006	Frag	-	-
SEAD-57	57114-0247	738871	1009909	104	Mv	6/22/2006	100	2	2	Munitions Debris	6/27/2006	Frag	-	-
SEAD-57	57114-0251	738757.25	1009826.25	101	Mv	6/22/2006	30	2	4	Cultural Debris	6/27/2006	Trash	-	-
SEAD-57	57114-0255	738775.5	1009758.75	99	Mv	6/20/2006	95	2	1	Munitions Debris	6/22/2006	Frag	-	-
SEAD-57	57114-0256	738995.25	1009833	99	Mv	6/19/2006	25	2	6	Munitions Debris	6/27/2006	Frag	Pass	KC

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		Depth (in)	Location Offset (in)	Type	Date	DIG RESULTS		QPOST-DIG QC Code ³	QC Initials
		Location (ft)		Amp ²	Amp Unit	Date	Amp					Item	Description		
		Eastling (X)	Northing (Y)												
SEAD-57	57K12-0280	739115	1009748.25	74	Mv	8/1/2006	74	2	6	Cultural Debris	8/2/2006	Steel wire	-		
SEAD-57	57K12-0282	739040.5	1009634.5	72	Mv	6/1/2006	999	2	0	Cultural Debris	6/8/2006	Alum scrap	Pass	KC	
SEAD-57	57K12-0299	739130.75	1009621.25	63	Mv	6/1/2006	64	2	0	Cultural Debris	6/8/2006	Steel	-		
SEAD-57	57K12-0308	739024	1009651.75	60	Mv	6/1/2006	999	2	0	Cultural Debris	6/8/2006	Alum scrap, 3"; and Steel wire., 3"	Pass	KC	
SEAD-57	57K12-0311	739013	1009709.25	56	Mv	6/1/2006	27	2	0	Cultural Debris	7/5/2006	Alum	-		
SEAD-57	57K12-0314	739121	1009638	55	Mv	6/1/2006	25	2	0	Cultural Debris	6/8/2006	Steel wire	-		
SEAD-57	57K12-0315	739171.75	1009674.75	55	Mv	6/1/2006	999	2	0	Cultural Debris	6/8/2006	Scrap metal 1" x 3"	-		
SEAD-57	57K12-0316	739016.25	1009666.75	55	Mv	6/1/2006	30	2	2	Cultural Debris	6/8/2006	Alum scrap	-		
SEAD-57	57K12-0317	739127	1009642	54	Mv	6/1/2006	105	2	0	Cultural Debris	6/8/2006	Steel wire	-		
SEAD-57	57K12-0318	739077.5	1009717	54	Mv	8/1/2006	54	2	0	Cultural Debris	8/22/2006	Steel wire	-		
SEAD-57	57K12-0319	739219.5	1009619.75	54	Mv	8/1/2006	54	2	0	Cultural Debris	8/22/2006	Scrap window seal	Pass	KC	
SEAD-57	57K12-0320	739221.25	1009625.25	53	Mv	8/1/2006	53	2	0	Cultural Debris	8/22/2006	Alum	Pass	KC	
SEAD-57	57K12-0323	739076	1009708	53	Mv	8/1/2006	53	2	0	Cultural Debris	8/22/2006	Alum	Pass	KC	
SEAD-57	57K14-0029	739115	1009853.5	728	Mv	6/12/2006	688	2	0	Cultural Debris	10/24/2006	Tent stake	-		
SEAD-57	57K14-0030	739062.75	1009981.75	695	Mv	6/8/2006	350	2	12	Cultural Debris	6/13/2006	Trash	-		
SEAD-57	57K14-0047	739137.5	1009923.25	426	Mv	6/8/2006	180	2	20	Cultural Debris	6/13/2006	Trash	Pass	KC	
SEAD-57	57K14-0077	739129.5	1009897	258	Mv	6/8/2006	72	2	18	Cultural Debris	6/13/2006	Trash	Pass	KC	
SEAD-57	57K14-0090	739111.5	1009831	226	Mv	6/12/2006	108	2	3	Cultural Debris	6/12/2006	Trash	Pass	KC	
SEAD-57	57K14-0095	739083	1009906.25	212	Mv	6/8/2006	92	2	24	Cultural Debris	6/13/2006	Trash	-		
SEAD-57	57K14-0102	739134.75	1009923.25	201	Mv	6/8/2006	134	2	18	Cultural Debris	6/13/2006	Trash	-		
SEAD-57	57K14-0103	739106.25	1009921.75	201	Mv	6/8/2006	20	2	18	Cultural Debris	6/13/2006	Trash	-		
SEAD-57	57K14-0107	739187	1009793.25	189	Mv	6/5/2006	90	2	1	Cultural Debris	6/5/2006	Trash	-		
SEAD-57	57K14-0108	739105.5	1009908.25	189	Mv	6/8/2006	230	2	24	Cultural Debris	6/13/2006	Trash	Pass	KC	
SEAD-57	57K14-0117	739125.25	1009929.25	168	Mv	6/8/2006	76	2	10	Cultural Debris	6/13/2006	Trash	-		
SEAD-57	57K14-0128	739109.25	1009888	155	Mv	6/8/2006	73	2	2	Cultural Debris	6/13/2006	Trash	-		
SEAD-57	57K14-0135	739123	1009907.75	141	Mv	6/5/2006	110	2	0	Cultural Debris	10/24/2006	Scrap metal	-		
SEAD-57	57K14-0149	739077.5	1009964	131	Mv	6/8/2006	130	2	6	Cultural Debris	6/13/2006	Trash	-		
SEAD-57	57K14-0162	739030.25	1009966.75	117	Mv	6/8/2006	70	2	6	Cultural Debris	6/13/2006	Trash	-		
SEAD-57	57K14-0167	739045.5	1009801.75	113	Mv	7/19/2006	113	2	20	Cultural Debris	10/19/2006	Wire	-		
SEAD-57	57K14-0168	739229.25	1009853	112	Mv	6/5/2006	33	2	18	Cultural Debris	6/12/2006	Trash	-		
SEAD-57	57K14-0183	739096	1009968.25	99	Mv	6/8/2006	80	2	8	Cultural Debris	6/13/2006	Trash	Pass	KC	
SEAD-57	57K14-0184	739022	1009873	98	Mv	6/8/2006	104	2	10	Cultural Debris	6/13/2006	Trash	-		
SEAD-57	57K14-0205	739145.75	1009771.5	82	Mv	6/5/2006	26	2	4	Cultural Debris	6/5/2006	Trash	-		
SEAD-57	57K14-0206	739249.211	1009819.133	82	Mv	6/5/2006	185	2	0	Cultural Debris	10/24/2006	Scrap metal	-		
SEAD-57	57K14-0207	739024.25	1009808.25	81	Mv	6/12/2006	40	2	6	Cultural Debris	6/12/2006	Trash	-		
SEAD-57	57K14-0208	739027.5	1009825.75	81	Mv	6/8/2006	40	2	2	Cultural Debris	6/12/2006	Trash	-		
SEAD-57	57K14-0210	739240.5	1009929.75	79	Mv	6/8/2006	107	2	10	Cultural Debris	6/12/2006	Steel scrap	Pass	KC	
SEAD-57	57K14-0227	739012.75	1009896.5	71	Mv	6/8/2006	38	2	24	Munitions Debris	6/14/2006	Frag	-		
SEAD-57	57K14-0231	739168.327	1009910.045	69	Mv	6/8/2006	63	2	8	Cultural Debris	6/12/2006	Alum	-		
SEAD-57	57K14-0236	739089.25	1009889.5	67	Mv	6/8/2006	25	2	12	Cultural Debris	6/13/2006	Trash	-		
SEAD-57	57K14-0266	739132	1009792.25	56	Mv	6/5/2006	43	2	1	Cultural Debris	6/5/2006	Trash	-		
SEAD-57	57K14-0273	739239	1009849.25	54	Mv	6/5/2006	15	2	4	Cultural Debris	6/12/2006	Trash	Pass	KC	
SEAD-57	57K14-0274	739178.5	1009785.25	54	Mv	6/5/2006	50	2	4	Cultural Debris	6/5/2006	Trash	-		
SEAD-57	57K14-0288	739016.5	1009964.75	50	Mv	6/8/2006	100	2	12	Cultural Debris	6/13/2006	Trash	-		
SEAD-57	57K14-0295	739100.75	1009918	50	Mv	6/8/2006	20	2	3	Cultural Debris	6/13/2006	Trash	-		
SEAD-57	57K14-0332	739128	1009818	42	Mv	9/11/2006	42	2	13	Cultural Debris	9/21/2006	Flare piece	Pass	KC	
SEAD-57	57K14-0374	739068.5	1009800.75	36	Mv	9/11/2006	36	2	4	Munitions Debris	9/21/2006	Scrap metal	Pass	KC	
SEAD-57	57K14-0500	739033.75	1009803	23	Mv	9/11/2006	23	2	8	Cultural Debris	9/21/2006	Scrap metal	Pass	KC	
SEAD-57	57K16-0001	739224.75	1010077	97375	Mv	6/7/2006	2000	2	0	Cultural Debris	6/12/2006	Trash	-		
SEAD-57	57K16-0006	739093.75	1010154.75	3815	Mv	6/7/2006	1200	2	2	Cultural Debris	6/12/2006	Trash	-		
SEAD-57	57K16-0007	739029.25	1010159.25	3515	Mv	6/7/2006	800	2	2	MPPEH	6/12/2006	20mm	-		
SEAD-57	57K16-0008	739086	1010158.5	3194	Mv	6/7/2006	2000	2	0	Cultural Debris	8/23/2006	Scrap metal 2" x 6"	-		
SEAD-57	57K16-0017	739189.5	1010066.75	1052	Mv	6/7/2006	430	2	3	Cultural Debris	6/13/2006	Trash	-		

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM 1 and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC Code	QC Initials
		Easting (X)	Northing (Y)	Amp 2	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description		
SEAD-57	57M12-0336	739448.5	1009590.75	72	Mv	6/2/2006	999	2	0	Cultural Debris	6/6/2006	Scrap metal, 2" x 4"	-	-
SEAD-57	57M12-0353	739327	1009630.5	65	Mv	6/5/2006	25	2	3	Cultural Debris	6/7/2006	Trash	Pass	KC
SEAD-57	57M12-0356	739427.25	1009639	65	Mv	6/2/2006	999	2	1	Cultural Debris	6/7/2006	Steel scrap	-	-
SEAD-57	57M12-0357	739266.75	1009725.25	64	Mv	6/2/2006	999	2	1	Cultural Debris	6/7/2006	scrap metal	-	-
SEAD-57	57M12-0367	739470.75	1009689.75	60	Mv	6/6/2006	13	2	8	Cultural Debris	8/22/2006	Scrap metal	-	-
SEAD-57	57M12-0382	739364	1009704.75	54	Mv	6/6/2006	37	2	0	Cultural Debris	10/24/2006	Scrap metal	-	-
SEAD-57	57M12-0395	739304.5	1009609.75	48	Mv	9/11/2006	48	2	6	Munitions Debris	9/20/2006	Frag	-	-
SEAD-57	57M12-0467	739303.25	1009663	31	Mv	9/11/2006	31	2	4	Cultural Debris	9/20/2006	Steel bolt	-	-
SEAD-57	57M12-0527	739390	1009670.75	23	Mv	9/11/2006	23	2	20	Cultural Debris	9/21/2006	Wire	Pass	KC
SEAD-57	57M14-0031	739259.75	1009855.75	1044	Mv	6/5/2006	330	2	3	Cultural Debris	6/20/2006	Trash	-	-
SEAD-57	57M14-0062	739314	1009758.25	329	Mv	6/5/2006	124	2	2	Cultural Debris	7/5/2006	Alum	-	-
SEAD-57	57M14-0088	739324	1009987.25	162	Mv	6/6/2006	19000	2	0	Cultural Debris	6/7/2006	Steel railroad track	Pass	KC
SEAD-57	57M14-0124	739314.75	1009818.75	102	Mv	6/5/2006	118	2	6	Cultural Debris	6/6/2006	Steel scrap	-	-
SEAD-57	57M14-0131	739339	1009815.25	96	Mv	6/5/2006	15	2	1	Cultural Debris	7/5/2006	Alum	Pass	KC
SEAD-57	57M14-0141	739374.75	1009865.5	90	Mv	6/6/2006	26	2	10	Cultural Debris	6/7/2006	Alum can	-	-
SEAD-57	57M14-0152	739433	1009849	76	Mv	6/6/2006	45	2	10	Cultural Debris	6/7/2006	Cultural debris	-	-
SEAD-57	57M14-0167	739391.75	1009858.25	65	Mv	6/6/2006	29	2	3	Munitions Debris	7/5/2006	Small Arms, .50 cal	Pass	KC
SEAD-57	57M14-0421	739317.25	1009929.75	20	Mv	9/11/2006	20	2	20	Hot Soil	9/21/2006	Can part	Pass	KC
SEAD-57	57M16-0031	739312.75	1010068.25	192	Mv	6/6/2006	54	2	0	Cultural Debris	6/8/2006	Nails	-	-
SEAD-57	57M16-0036	739430.75	1010057.75	166	Mv	6/7/2006	55	2	0	Munitions Debris	6/10/2006	Frag	Pass	KC
SEAD-57	57M16-0045	739368.25	1010129	138	Mv	6/6/2006	40	2	0	Cultural Debris	6/10/2006	Nail	-	-
SEAD-57	57M16-0046	739309.5	1010114	136	Mv	6/7/2006	48	2	3	Munitions Debris	10/19/2006	Small Arms, .50 cal head	-	-
SEAD-57	57M16-0048	739431.75	1010064.25	126	Mv	6/7/2006	65	2	0	Cultural Debris	6/10/2006	Nail	-	-
SEAD-57	57M16-0051	739312.5	1010113.75	114	Mv	6/6/2006	77	2	2	Cultural Debris	6/12/2006	Trash	-	-
SEAD-57	57M16-0052	739389.5	1010057	114	Mv	6/7/2006	38	2	0	Munitions Debris	6/10/2006	Frag	Pass	KC
SEAD-57	57M16-0055	739314.5	1010090.25	107	Mv	6/6/2006	56	2	1	Cultural Debris	6/12/2006	Trash	Pass	KC
SEAD-57	57M16-0058	739266	1010099.75	103	Mv	6/6/2006	45	2	0	Cultural Debris	6/10/2006	Aluminum strip	-	-
SEAD-57	57M16-0064	739312.5	1010072	93	Mv	6/6/2006	78	2	0	Cultural Debris	10/24/2006	Scrap metal	-	-
SEAD-57	57M16-0072	739312.75	1010057	83	Mv	6/6/2006	20	2	0	Cultural Debris	6/5/2006	Wire	-	-
SEAD-57	57M16-0079	739302.514	1010075.187	71	Mv	6/6/2006	28	2	0	Cultural Debris	6/8/2006	Nails	-	-
SEAD-57	57M16-0086	739316.5	1010160.25	69	Mv	6/6/2006	60	2	0	Cultural Debris	6/10/2006	Wire	Pass	KC
SEAD-57	57M16-0087	739318.25	1010163.5	67	Mv	6/6/2006	61	2	0	Cultural Debris	6/10/2006	aluminum	-	-
SEAD-57	57M16-0088	739251.25	1010075.75	66	Mv	6/6/2006	50	2	1	Cultural Debris	6/10/2006	wire	Pass	KC
SEAD-57	57M16-0089	739274.5	1010106	65	Mv	6/6/2006	35	2	0	Cultural Debris	6/10/2006	Wire	-	-
SEAD-57	57M16-0106	739431.25	1010077.5	50	Mv	6/7/2006	30	2	0	Cultural Debris	6/10/2006	Wire	Pass	KC
SEAD-57	57M16-0108	739254.5	1010074.75	50	Mv	6/7/2006	30	2	1	Cultural Debris	6/10/2006	Wire	-	-
SEAD-57	57M16-0114	739299	1010071.5	46	Mv	9/11/2006	46	2	36	Cultural Debris	9/21/2006	Wire	Pass	KC
SEAD-57	57M16-0161	739267	1010075.5	31	Mv	9/11/2006	31	2	7	Munitions Debris	9/21/2006	Small Arms, .50 cal head	Pass	KC
SEAD-57	57O10-0039	739562	1009493	26	Mv	9/11/2006	26	2	30	Cultural Debris	9/20/2006	Wire	Pass	KC
SEAD-57	57O10-0173	739515.25	1009387.75	11	Mv	9/11/2006	11	2	18	Munitions Debris	9/20/2006	Frag	Pass	KC
SEAD-57	57O12-0014	739510.25	1009564.25	350	Mv	6/5/2006	85	2	12	Cultural Debris	6/6/2006	Wire, 10" long, found 12" West of flag	-	-
SEAD-57	57O12-0020	739525	1009506.5	152	Mv	6/5/2006	73	2	0	Cultural Debris	6/6/2006	Alum disk, 2" diameter	-	-
SEAD-57	57O12-0024	739508.25	1009624.75	82	Mv	6/5/2006	33	2	0	Cultural Debris	6/6/2006	Wire 5"	-	-
SEAD-57	57O12-0025	739551.161	1009583.905	80	Mv	6/5/2006	30	2	0	Cultural Debris	6/6/2006	Alum, 1" x 2"	-	-
SEAD-57	57O12-0033	739560	1009555.75	44	Mv	9/11/2006	44	2	7	Munitions Debris	9/20/2006	Frag	Pass	KC
SEAD-57	57O12-0038	739505.75	1009651.75	29	Mv	9/11/2006	29	2	10	Cultural Debris	9/20/2006	Wire	Pass	KC
SEAD-57	57O12-0040	739515.25	1009586	28	Mv	9/11/2006	28	2	8	Munitions Debris	9/20/2006	Small Arms, brass cart.	Pass	KC
SEAD-57	57O12-0064	739514.75	1009654.75	20	Mv	9/11/2006	20	2	15	Cultural Debris	9/20/2006	Wire	Pass	KC
SEAD-57	F08-001	738618.09	1009080.13	9	nT	8/8/2006	9	2	24	Cultural Debris	8/9/2006	Scrap metal	-	-
SEAD-57	F08-003	738611.97	1009044.75	37	nT	8/8/2006	37	2	14	Cultural Debris	8/9/2006	Scrap metal	Pass	KC
SEAD-57	F08-004	738578.08	1009020.66	7	nT	8/8/2006	7	2	24	Cultural Debris	8/9/2006	Wire	-	-
SEAD-57	F08-006	738579.98	1009080.13	33	nT	8/8/2006	33	2	18	Munitions Debris	8/9/2006	Frag	-	-
SEAD-57	F08-007	738548	1009082.18	480	nT	8/8/2006	480	2	12	Cultural Debris	8/9/2006	Iron rod	Pass	KC

APPENDIX B
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Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS				QPOST-DIG QC		
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ³	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	G10-052	738730.08	1009328.73	4	nT	8/8/2006	4	2	10	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	G10-053	738732.51	1009310.62	2	nT	8/8/2006	2	2	24	Cultural Debris	8/10/2006	Trash	-	-
SEAD-57	G10-057	738720.18	1009285.05	2	nT	8/8/2006	2	2	18	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	G11-003	738728.23	1009411.76	2	nT	8/8/2006	2	2	12	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	G11-018	738682.67	1009477.16	9	nT	8/8/2006	9	2	8	Munitions Debris	8/10/2006	Frag	-	-
SEAD-57	G11-027	738747.18	1009458.34	15	nT	8/8/2006	15	2	3	Cultural Debris	8/10/2006	seed item	Pass	KC
SEAD-57	G11-030	738725.58	1009443.35	3	nT	8/8/2006	3	2	16	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	G11-032	738724.11	1009429.69	6	nT	8/8/2006	6	2	36	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	G11-033	738738.95	1009435.12	17	nT	8/8/2006	17	2	30	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	G11-034	738744.1	1009431.89	6	nT	8/8/2006	6	2	22	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	G11-035	738747.04	1009424.69	82	nT	8/8/2006	82	2	10	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	G11-036	738740.13	1009419.55	3	nT	8/8/2006	3	2	0	Cultural Debris	8/10/2006	Trash	-	-
SEAD-57	G11-037	738749.24	1009409.7	28	nT	8/8/2006	28	2	8	Cultural Debris	8/10/2006	Trash	-	-
SEAD-57	G11-038	738743.07	1009405	10	nT	8/8/2006	10	2	2	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	G11-039	738731.02	1009402.5	11	nT	8/8/2006	11	2	20	Cultural Debris	8/10/2006	Trash	-	-
SEAD-57	G11-040	738726.9	1009394.56	16	nT	8/8/2006	16	2	8	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	G12-001	738720.085	1009563.062	18	nT	10/17/2006	19	2	24	Hot Soil	10/24/2006	Hot rock	-	-
SEAD-57	H06-005	738750.12	1008845.21	8	nT	8/8/2006	8	2	1	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	H06-007	738758.12	1008787.61	11	nT	8/8/2006	11	2	6	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	H06-012	738788.03	1008763.17	14	nT	8/8/2006	14	2	1	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	H06-013	738793.95	1008761.69	19	nT	8/8/2006	19	2	1	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	H06-014	738793.8	1008753.4	6	nT	8/8/2006	6	2	1	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	H06-033	738788.77	1008824.92	4	nT	8/8/2006	4	2	2	Cultural Debris	8/9/2006	-	-	-
SEAD-57	H07-006	738797.65	1008947.39	11	nT	8/8/2006	11	2	8	Cultural Debris	8/9/2006	-	-	-
SEAD-57	H07-013	738824.01	1008998.92	39	nT	8/8/2006	39	2	3	Munitions Debris	8/9/2006	Frag	Pass	KC
SEAD-57	H07-026	738792.32	1008892.15	28	nT	8/8/2006	28	2	1	Cultural Debris	8/9/2006	-	-	-
SEAD-57	H08-001	738810.134	1009028.573	12	nT	9/6/2006	12	2	12	Cultural Debris	9/8/2006	-	-	-
SEAD-57	H08-004	738814.022	1009070.695	45	nT	9/6/2006	45	2	5	Cultural Debris	9/8/2006	-	-	-
SEAD-57	H08-009	738827.242	1009083.915	14	nT	9/6/2006	14	2	18	Cultural Debris	9/8/2006	Wire	-	-
SEAD-57	H08-013	738870.92	1009076.398	88	nT	9/6/2006	88	2	7	Cultural Debris	9/8/2006	Wire	Pass	KC
SEAD-57	H08-014	738868.068	1009101.153	17	nT	9/6/2006	17	2	5	Cultural Debris	9/8/2006	-	-	-
SEAD-57	H08-016	738851.09	1009102.838	8	nT	9/6/2006	8	2	6	Cultural Debris	9/8/2006	Wire	-	-
SEAD-57	H08-027	738805.987	1009109.836	39	nT	9/6/2006	39	2	10	Cultural Debris	9/8/2006	-	-	-
SEAD-57	H08-028	738806.764	1009105.43	25	nT	9/6/2006	25	2	12	Cultural Debris	9/8/2006	-	Pass	KC
SEAD-57	H08-037	738791.86	1009087.674	28	nT	9/6/2006	27	2	16	Cultural Debris	9/8/2006	-	-	-
SEAD-57	H08-059	738764.866	1009124.16	12	nT	10/17/2006	14	2	3	Hot Soil	10/19/2006	Rock	Pass	KC
SEAD-57	H08-071	738859.924	1009043.032	17	nT	10/17/2006	17	2	4	Cultural Debris	10/19/2006	-	-	-
SEAD-57	H08-072	738835.585	1009054.665	21	nT	10/17/2006	20	2	1	Cultural Debris	10/19/2006	-	Pass	KC
SEAD-57	H09-003	738789.817	1009234.066	8	nT	10/17/2006	9	2	6	Munitions Debris	10/23/2006	Frag	-	-
SEAD-57	H09-005	738790.276	1009213.401	32	nT	10/17/2006	32	2	24	Cultural Debris	10/23/2006	-	Pass	KC
SEAD-57	H09-016	738801.997	1009146.042	24	nT	10/17/2006	24	2	4	Munitions Debris	10/19/2006	M123	-	-
SEAD-57	H09-020	738803.958	1009240.6	11	nT	10/17/2006	11	2	8	Munitions Debris	10/23/2006	Frag	Pass	KC
SEAD-57	H09-024	738868.118	1009244.242	20	nT	10/17/2006	20	2	1	Munitions Debris	10/23/2006	Frag	-	-
SEAD-57	H09-027	738845.984	1009178.122	9	nT	10/17/2006	9	2	5	Cultural Debris	10/23/2006	-	Pass	KC
SEAD-57	H09-029	738850.047	1009163.973	8	nT	10/17/2006	8	2	28	Cultural Debris	10/25/2006	Wire	-	-
SEAD-57	H09-031	738866.156	1009146.322	14	nT	10/17/2006	14	2	14	Cultural Debris	10/25/2006	Scrap metal	Pass	KC
SEAD-57	H10-009	738803.128	1009355.957	14	nT	10/17/2006	14	2	15	Cultural Debris	10/25/2006	Metal disc	-	-
SEAD-57	H10-014	738802.99	1009319.203	15	nT	10/17/2006	15	2	6	Cultural Debris	10/25/2006	Metal disc	Pass	KC
SEAD-57	H10-018	738831.144	1009331.131	37	nT	10/17/2006	37	2	6	Cultural Debris	10/25/2006	Metal disc	Pass	KC
SEAD-57	H10-023	738805.07	1009309.633	13	nT	10/17/2006	13	2	14	Cultural Debris	10/25/2006	Metal disc	Pass	KC
SEAD-57	H10-027	738795.084	1009307.553	9	nT	10/17/2006	9	2	24	Cultural Debris	10/25/2006	Metal disc	Pass	KC
SEAD-57	H10-029	738786.901	1009291.187	11	nT	10/17/2006	12	2	18	Cultural Debris	10/25/2006	Metal disc	-	-
SEAD-57	H10-038	738812.976	1009287.72	13	nT	10/17/2006	13	2	6	Cultural Debris	10/25/2006	Metal disc	Pass	KC

APPENDIX B
SEAD 57 All Dig Results
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Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS				QPOST-DIG QC	QC	
		Location (ft) Easting (X)	Northing (Y)	Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ³	QC Initials
SEAD-57	I12-003	738938.167	1009528.513	8	nT	9/6/2006	8	2	8		9/8/2006	Snap ring	Pass	KC
SEAD-57	I12-004	738926.793	1009525.263	6	nT	9/6/2006	6	2	30		9/8/2006	Piece of chain	Pass	KC
SEAD-57	I12-007	738890.908	1009504.003	19	nT	9/6/2006	19	2	6		9/8/2006	Machine part	Pass	KC
SEAD-57	I12-008	738883.596	1009505.222	6	nT	9/6/2006	6	2	12		9/8/2006	Frag	Pass	KC
SEAD-57	I12-018	738875.336	1009534.471	11	nT	9/6/2006	11	2	4		9/8/2006	2 digs, 2 pieces	Pass	KC
SEAD-57	I12-020	738875.201	1009560.605	10	nT	9/6/2006	10	2	24		9/8/2006	Wrench	Pass	KC
SEAD-57	I12-021	738882.919	1009572.251	8	nT	9/6/2006	8	2	9		9/8/2006	Frag	Pass	KC
SEAD-57	I12-024	738903.773	1009575.094	9	nT	9/6/2006	9	2	20		9/8/2006	Wire	Pass	KC
SEAD-57	I12-025	738922.866	1009578.886	14	nT	9/6/2006	14	2	4		9/8/2006	Frag	Pass	KC
SEAD-57	I12-026	738928.961	1009570.35	18	nT	9/6/2006	18	2	12		9/8/2006	Wire	Pass	KC
SEAD-57	I12-027	738938.98	1009587.146	12	nT	9/6/2006	12	2	11		9/8/2006	Wire	Pass	KC
SEAD-57	I12-032	738987.592	1009604.479	4	nT	9/6/2006	4	2	11		9/7/2006	Comm. wire	-	-
SEAD-57	I12-033	738988.946	1009539.481	9	nT	9/6/2006	9	2	18		9/7/2006	Frag	-	-
SEAD-57	I13-001	738885.977	1009668.598	3	nT	9/6/2006	3	2	30		9/8/2006	Wire	Pass	KC
SEAD-57	I13-005	738875.055	1009724.863	81	nT	9/6/2006	81	2	36		9/7/2006	Wire	Pass	KC
SEAD-57	I13-008	738971.135	1009730.669	26	nT	9/6/2006	26	2	5		9/7/2006	Wire	Pass	KC
SEAD-57	I13-011	738972.656	1009660.165	5	nT	9/6/2006	5	2	18		9/7/2006	Wire	Pass	KC
SEAD-57	I13-015	738990.751	1009632.722	8	nT	9/6/2006	8	2	10		9/7/2006	Scrap metal	Pass	KC
SEAD-57	I13-018	738926.067	1009630.166	3	nT	9/6/2006	3	2	10		9/7/2006	Bolt	Pass	KC
SEAD-57	I13-019	738875.47	1009648.276	31	nT	9/6/2006	31	2	14		9/7/2006	Wire	Pass	KC
SEAD-57	I13-020	738875.332	1009658.091	59	nT	9/6/2006	59	2	24		9/7/2006	Wire	Pass	KC
SEAD-57	J08-001	739090.445	1009098.021	16	nT	10/16/2006	16	2	10		10/19/2006	Wire	-	-
SEAD-57	J08-004	739029.94	1009027.258	6	nT	10/16/2006	7	2	17		10/19/2006	Scrap metal	-	-
SEAD-57	J09-007	739072.884	1009131.403	25	nT	10/16/2006	24	2	6		10/19/2006	Iron rod	-	-
SEAD-57	J10-008	739036.739	1009305.044	41	nT	9/6/2006	41	2	16		9/8/2006		-	-
SEAD-57	J10-014	739009.06	1009336.291	12	nT	9/6/2006	14	2	18		9/8/2006		-	-
SEAD-57	J10-017	739013.061	1009293.691	10	nT	9/6/2006	10	2	8		9/8/2006		-	-
SEAD-57	J10-038	739111.019	1009354.671	79	nT	9/6/2006	79	2	30		9/8/2006	Bolt	-	-
SEAD-57	J11-006	739045.065	1009499.77	22	nT	9/6/2006	22	2	60		9/8/2006	Wire	Pass	KC
SEAD-57	J11-010	739017.061	1009429.167	22	nT	9/6/2006	22	2	36		9/8/2006	Wire	Pass	KC
SEAD-57	J11-013	739027.008	1009393.487	14	nT	9/6/2006	14	2	36		9/8/2006	Munitions Debris	-	-
SEAD-57	J11-016	739048.957	1009388.838	18	nT	9/6/2006	18	2	36		9/8/2006	Cultural Debris	-	-
SEAD-57	J11-019	739067.013	1009460.522	12	nT	9/6/2006	12	2	5		9/8/2006	Wire	Pass	KC
SEAD-57	J11-026	739111.127	1009468.307	8	nT	9/6/2006	8	2	48		9/8/2006	Munitions Debris	-	-
SEAD-57	J12-004	739095.042	1009591.176	15	nT	10/16/2006	14	2	30		10/19/2006	Cultural Debris	Pass	KC
SEAD-57	J12-007	739120.128	1009573.021	11	nT	10/16/2006	12	2	6		10/19/2006	Cultural Debris	Pass	KC
SEAD-57	J12-008	739117.653	1009544.798	10	nT	10/16/2006	11	2	24		10/19/2006	Wire	Pass	KC
SEAD-57	J13-001	739089.982	1009632.641	8	nT	10/16/2006	8	2	6		10/19/2006	Wire	-	-
SEAD-57	K08-001	739152.403	1009059.768	28	nT	10/16/2006	29	2	6		10/19/2006	Cultural Debris	Pass	KC
SEAD-57	K08-006	739172.451	1009052.086	29	nT	10/16/2006	29	2	29		10/19/2006	Wire	Pass	KC
SEAD-57	K08-008	739184.817	1009022.107	10	nT	10/16/2006	10	2	6		10/19/2006	Wire	Pass	KC
SEAD-57	K08-011	739165.331	1009001.497	23	nT	10/16/2006	23	2	4		10/19/2006	Wire	Pass	KC
SEAD-57	K08-013	739145.095	1009002.434	46	nT	10/16/2006	45	2	6		10/19/2006	Wire	Pass	KC
SEAD-57	K08-014	739130.294	1009001.497	29	nT	10/16/2006	28	2	4		10/19/2006	Wire	-	-
SEAD-57	K08-015	739132.167	1009008.242	27	nT	10/16/2006	29	2	24		10/19/2006	Cultural Debris	-	-
SEAD-57	K09-003	739182.756	1009149.89	43	nT	10/16/2006	42	2	30		10/19/2006	Cultural Debris	Pass	KC
SEAD-57	K09-008	739187.44	1009188.862	18	nT	10/16/2006	19	2	9		10/19/2006	Wire	Pass	KC
SEAD-57	K10-002	739160.085	1009311.024	7	nT	10/16/2006	8	2	0		10/17/2006	MPPEH	Pass	KC
SEAD-57	K11-003	739175.078	1009387.951	16	nT	10/16/2006	17	2	20		10/19/2006	Wire	Pass	KC
SEAD-57	K11-006	739147.286	1009494.75	9	nT	10/16/2006	9	2	33		10/19/2006	Wire	Pass	KC
SEAD-57	K11-007	739153.754	1009497.023	32	nT	10/16/2006	33	2	19		10/19/2006	Wire	Pass	KC
SEAD-57	K11-008	739157.599	1009474.299	34	nT	10/16/2006	35	2	7		10/19/2006	Cultural Debris	Pass	KC
SEAD-57	P57_M06-15	739258.5	1008921.75	26	Mv	7/7/2006	20	2	2		7/10/2006	Trash	-	-

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		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item	Description	QC Code	QC Initials
		Easting (X)	Northing (Y)												
SEAD-57	P57K10-139	739195	1009287.5	58	Mv	7/11/2006	60	2	6	Munitions Debris	7/18/2006	Alum MD	Alum MD	Pass	KC
SEAD-57	P57K10-14	739170.25	1009493	68	Mv	7/13/2006	94	2	10	Munitions Debris	7/17/2006	Frag		Pass	KC
SEAD-57	P57K10-140	739198.5	1009275.5	99	Mv	7/11/2006	110	2	6	Munitions Debris	7/18/2006	Alum MD	Alum MD	-	-
SEAD-57	P57K10-149	739196.5	1009265.5	24	Mv	7/11/2006	55	2	4	Cultural Debris	7/18/2006	Trash		-	-
SEAD-57	P57K10-161	739238	1009272.5	19	Mv	7/11/2006	32	2	3	Cultural Debris	7/18/2006	Trash		-	-
SEAD-57	P57K10-17	739162.25	1009484	47	Mv	7/13/2006	50	2	4	Munitions Debris	7/17/2006	Frag		Pass	KC
SEAD-57	P57K10-170	739220.25	1009295.25	25	Mv	7/11/2006	26	2	10	Cultural Debris	7/18/2006	Trash		-	-
SEAD-57	P57K10-173	739225.75	1009308.5	28	Mv	7/11/2006	30	2	5	Munitions Debris	7/18/2006	Alum MD	Alum MD	-	-
SEAD-57	P57K10-177	739240.5	1009307	70	Mv	7/11/2006	75	2	6	Munitions Debris	7/18/2006	Alum MD	Alum MD	-	-
SEAD-57	P57K10-179	739240.25	1009312.25	48	Mv	7/11/2006	50	2	18	Munitions Debris	7/18/2006	Alum MD	Alum MD	Pass	KC
SEAD-57	P57K10-18	739176.25	1009475.5	92	Mv	7/13/2006	164	2	4	Munitions Debris	7/17/2006	Frag		Pass	KC
SEAD-57	P57K10-196	739233.75	1009427	34	Mv	7/13/2006	43	2	1	Munitions Debris	7/18/2006	Alum MD	Alum MD	Pass	KC
SEAD-57	P57K10-22	739182.25	1009468	39	Mv	7/13/2006	50	2	24	Munitions Debris	7/17/2006	Frag		Pass	KC
SEAD-57	P57K10-31	739204.25	1009453.25	28	Mv	7/13/2006	33	2	4	Munitions Debris	7/17/2006	Frag		Pass	KC
SEAD-57	P57K10-33	739196.5	1009457.5	22	Mv	10/4/2006	23	2	0	Cultural Debris	10/24/2006	seed item		-	-
SEAD-57	P57K10-35	739213.25	1009425.5	37	Mv	7/13/2006	75	2	4	Munitions Debris	7/17/2006	Frag		Pass	KC
SEAD-57	P57K10-45	739213	1009415.75	69	Mv	7/13/2006	89	2	14	Cultural Debris	7/18/2006	Trash		-	-
SEAD-57	P57K10-49	739213	1009415.75	69	Mv	7/13/2006	89	2	14	Cultural Debris	7/18/2006	Trash		-	-
SEAD-57	P57K10-53	739208	1009411.5	25	Mv	7/13/2006	28	2	8	Munitions Debris	7/18/2006	Alum MD	Alum MD	-	-
SEAD-57	P57K10-71	739201.75	1009388.75	70	Mv	7/13/2006	70	2	1	Munitions Debris	7/18/2006	Alum MD	Alum MD	Pass	KC
SEAD-57	P57K10-74	739199.75	1009379.5	82	Mv	7/13/2006	85	2	5	Cultural Debris	7/18/2006	Trash		-	-
SEAD-57	P57K10-79	739204	1009371	26	Mv	7/13/2006	28	2	24	Munitions Debris	7/18/2006	Alum MD	Alum MD	Pass	KC
SEAD-57	P57K10-90	739198.25	1009354.5	50	Mv	7/13/2006	25	2	14	Munitions Debris	7/17/2006	Frag		Pass	KC
SEAD-57	P57K10-97	739210.5	1009346.25	61	Mv	7/11/2006	71	2	8	Cultural Debris	7/18/2006	seed item		Pass	KC
SEAD-57	P57M08-118	739318.25	1009241.25	38	Mv	7/6/2006	40	2	0	Hot Soil	10/24/2006			-	-
SEAD-57	P57M08-12	739374	1009219.5	17	Mv	7/6/2006	30	2	1	Munitions Debris	7/7/2006	Frag		-	-
SEAD-57	P57M08-19	739394	1009175.25	29	Mv	7/6/2006	42	2	2	Munitions Debris	7/7/2006	Frag		-	-
SEAD-57	P57M08-44	739303.25	1009132	58	Mv	7/5/2006	100	2	2	Munitions Debris	7/7/2006	Frag		-	-
SEAD-57	P57M08-6	739347.5	1009242.25	49	Mv	7/6/2006	45	2	8	Munitions Debris	7/11/2006	Multiple digs/pieces		-	-
SEAD-57	P57M08-7	739365	1009243.5	95	Mv	7/5/2006	145	2	1	Munitions Debris	7/7/2006	Frag		-	-
SEAD-57	P57M08-73	739255.5	1009021	27	Mv	7/6/2006	27	2	2	Munitions Debris	7/10/2006	Frag		-	-
SEAD-57	P57M08-8	739370.75	1009247.5	86	Mv	7/5/2006	160	2	1	Munitions Debris	7/7/2006	Frag		-	-
SEAD-57	P57M08-9	739368	1009239.5	82	Mv	7/6/2006	90	2	1	Munitions Debris	7/7/2006	Frag		-	-
SEAD-57	P57M08-92	739257	1009161.5	27	Mv	7/6/2006	45	2	1	Munitions Debris	7/7/2006	Frag		-	-
SEAD-57	P57M10-1	739325.75	1009352.25	90	Mv	7/10/2006	104	2	12	Munitions Debris	7/10/2006	Frag		Pass	KC
SEAD-57	P57M10-10	739358.25	1009348.75	104	Mv	7/10/2006	110	2	6	Munitions Debris	7/10/2006	Frag		-	-
SEAD-57	P57M10-100	739343.75	1009416.5	95	Mv	7/10/2006	132	2	3	Cultural Debris	7/10/2006	Multiple digs / pieces of trash		-	-
SEAD-57	P57M10-101	739341.25	1009416	28	Mv	7/10/2006	176	2	2	Munitions Debris	7/10/2006	Frag		-	-
SEAD-57	P57M10-102	739335.25	1009418.5	22	Mv	7/10/2006	39	2	5	Munitions Debris	7/10/2006	Multiple digs / pieces		-	-
SEAD-57	P57M10-105	739307.5	1009416.75	82	Mv	7/10/2006	113	2	8	Munitions Debris	7/10/2006	Frag		Pass	KC
SEAD-57	P57M10-107	739300.5	1009384.75	31	Mv	7/10/2006	46	2	14	Munitions Debris	7/10/2006	Frag		-	-
SEAD-57	P57M10-11	739373.25	1009332.25	26	Mv	7/10/2006	49	2	3	Munitions Debris	7/10/2006	Frag		-	-
SEAD-57	P57M10-15	739382.5	1009299	47	Mv	7/10/2006	80	2	10	Munitions Debris	7/10/2006	Frag		-	-
SEAD-57	P57M10-17	739387.25	1009296.25	35	Mv	7/10/2006	63	2	12	Munitions Debris	7/10/2006	Multiple digs / pieces		-	-
SEAD-57	P57M10-18	739380.25	1009278.5	105	Mv	7/10/2006	108	2	4	Munitions Debris	7/10/2006	Frag		-	-
SEAD-57	P57M10-2	739338.25	1009351.25	61	Mv	7/10/2006	70	2	4	Munitions Debris	7/10/2006	Frag		-	-
SEAD-57	P57M10-20	739404	1009276.75	62	Mv	7/10/2006	110	2	5	Munitions Debris	7/10/2006	Multiple digs / pieces		-	-
SEAD-57	P57M10-21	739395	1009253.5	17	Mv	7/10/2006	21	2	24	Cultural Debris	7/10/2006	Lead bullet and seed item		-	-
SEAD-57	P57M10-22	739380.75	1009259.5	52	Mv	7/10/2006	150	2	4	Munitions Debris	7/10/2006	Multiple dig / pieces		-	-
SEAD-57	P57M10-23	739364.5	1009254	302	Mv	7/10/2006	606	2	10	Cultural Debris	7/10/2006	Trash		-	-
SEAD-57	P57M10-24	739367.5	1009262.25	16	Mv	7/10/2006	40	2	3	Munitions Debris	7/10/2006	Frag		-	-
SEAD-57	P57M10-25	739370.25	1009271	29	Mv	7/10/2006	30	2	2	Munitions Debris	7/10/2006	Frag		-	-
SEAD-57	P57M10-26	739361.25	1009276.75	40	Mv	7/10/2006	43	2	4	Cultural Debris	7/10/2006	Trash		-	-
SEAD-57	P57M10-27	739347	1009262.5	68	Mv	7/10/2006	69	2	2	Cultural Debris	7/10/2006	Trash		-	-

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	DGM ¹ and GPS SURVEY					REACQUISITION		Depth		Location Offset (in)	Type	Date	DIG RESULTS		QPOST-DIG QC	
	Anomaly ID	Location (ft) Easting (X) Northing (Y)		Amp ²	Amp Unit	Date	Amp	(in)	(in)				Item	Description	QC Code	QC Initials
SEAD-57 Buffer	C16-062	738182.5	1010219	97	mV	10/2/2006	97	2	9	Munitions Debris	10/4/2006	Frag	Pass	KC		
SEAD-57 Buffer	C18-009	738161.25	1010254	40	mV	9/26/2006	40	2	4	Munitions Debris	10/5/2006	Frag	Pass	KC		
SEAD-57 Buffer	C18-010	738166.5	1010268.5	67	mV	9/26/2006	67	2	13	Munitions Debris	10/5/2006	Frag	Pass	KC		
SEAD-57 Buffer	E16-035	738578.5	1010145.25	62	mV	10/2/2006	62	2	3	Munitions Debris	10/3/2006	Frag	Pass	KC		
SEAD-57 Buffer	E18-007	738531	1010296.75	105	mV	9/26/2006	105	2	9	Cultural Debris	10/3/2006	Nails	Pass	KC		
SEAD-57 Buffer	E18-036	738454.75	1010282.75	279	mV	9/26/2006	279	2	4	Cultural Debris	10/4/2006	Horse shoe	Pass	KC		
SEAD-57 Buffer	I18-034	739097.29	1010342.32	26	mV	9/26/2006	26	2	5	Munitions Debris	10/2/2006	Frag	Pass	KC		
SEAD-57 Buffer	I18-035	739091	1010346.5	26	mV	9/26/2006	26	2	14	Munitions Debris	10/2/2006	Frag, 2 pieces	Pass	KC		
SEAD-57 Buffer	I18-037	739062.25	1010358.25	24	mV	9/26/2006	24	2	5	Munitions Debris	10/2/2006	Frag, 2 dgs, 2 pieces	Pass	KC		
SEAD-57 Buffer	I18-039	739072.75	1010382.75	26	mV	9/26/2006	26	2	8	Munitions Debris	10/2/2006	Flare piece	Pass	KC		
SEAD-57 Buffer	I18-041	739096.75	1010376.25	23	mV	9/26/2006	22	2	7	Cultural Debris	10/2/2006	Wire	Pass	KC		
SEAD-57 Buffer	I18-044	739122	1010454	20	mV	9/26/2006	20	2	6	Munitions Debris	10/2/2006	Frag	-	-		
SEAD-57 Buffer	K16-014	739350.5	1010192	105	mV	9/26/2006	105	2	24	Cultural Debris	9/28/2006	-	Pass	KC		
SEAD-57 Buffer	K16-015	739364	1010179.25	77	mV	9/26/2006	77	2	2	Cultural Debris	9/28/2006	-	Pass	KC		
SEAD-57 Buffer	K18-006	739185.75	1010361.5	52	mV	9/26/2006	52	2	14	Munitions Debris	10/2/2006	Rotating band piece + frag	Pass	KC		
SEAD-57 Buffer	K18-009	739232.5	1010309.5	20	mV	9/26/2006	20	2	10	Cultural Debris	10/2/2006	-	Pass	KC		
SEAD-57 Buffer	K18-012	739185	1010300.5	34	mV	9/26/2006	34	2	0	Cultural Debris	10/24/2006	Soda	Pass	KC		
SEAD-57 Buffer	K18-026	739305.5	1010278.5	17	mV	9/26/2006	17	2	3	Munitions Debris	10/2/2006	Frag	Pass	KC		
SEAD-57 Buffer	K18-028	739316.5	1010281.25	21	mV	9/26/2006	21	2	7	Cultural Debris	10/2/2006	-	Pass	KC		
SEAD-57 Buffer	K18-037	739336.5	1010291.25	463	mV	9/26/2006	463	2	6	Cultural Debris	10/2/2006	-	Pass	KC		
SEAD-57 Buffer	K18-039	739328.25	1010289.75	754	mV	9/26/2006	754	2	5	Cultural Debris	9/28/2006	-	Pass	KC		
SEAD-57 Buffer	K18-064	739245	1010351	18	mV	9/26/2006	18	2	4	Munitions Debris	10/2/2006	Flare piece	Pass	KC		
SEAD-57 Buffer	K18-066	739201.75	1010379.5	30	mV	9/26/2006	30	2	17	Munitions Debris	10/2/2006	Frag, 2 pieces	Pass	KC		
SEAD-57 Buffer	K18-067	739197.5	1010384.5	31	mV	9/26/2006	31	2	7	Munitions Debris	10/2/2006	Frag	Pass	KC		
SEAD-57 Buffer	K18-068	739184.75	1010380	38	mV	9/26/2006	38	2	6	Munitions Debris	10/2/2006	Frag	Pass	KC		
SEAD-57 Buffer	K18-070	739191.75	1010417.5	48	mV	9/26/2006	48	2	9	Munitions Debris	10/2/2006	Frag	-	-		
SEAD-57 Buffer	K18-073	739187.25	1010449.75	26	mV	9/26/2006	26	2	12	Munitions Debris	10/2/2006	Frag	Pass	KC		
SEAD-57 Buffer	M18-003	739402	1010434	26	mV	9/26/2006	26	2	3	Munitions Debris	10/2/2006	Frag	Pass	KC		
SEAD-57 Buffer	M18-004	739402	1010434.75	23	mV	9/26/2006	23	2	11	Munitions Debris	10/2/2006	Frag [Same as #3]	Pass	KC		
SEAD-57 Buffer	M18-005	739427.5	1010409	35	mV	9/26/2006	35	2	10	Cultural Debris	10/2/2006	Iron rod	-	-		
SEAD-57 Buffer	M18-013	739379.75	1010435.5	32	mV	9/26/2006	32	2	0	Cultural Debris	10/24/2006	Scrap metal	Pass	KC		
SEAD-57 Buffer	M18-014	739396.75	1010450.75	68	mV	9/26/2006	68	2	24	Munitions Debris	10/2/2006	Frag	Pass	KC		
SEAD-57 Buffer	X16-003	737866.5	1010149.25	43	mV	10/2/2006	47	2	20	Cultural Debris	10/9/2006	Wire	Pass	KC		
SEAD-57 Buffer	X18-004	737861.25	1010264.75	208	mV	10/2/2006	207	2	5	Cultural Debris	10/9/2006	Scrap metal	Pass	KC		
SEAD-57 Buffer	X18-005	737865.75	1010252.5	50	mV	10/2/2006	51	2	7	Cultural Debris	10/9/2006	Aluminum can	Pass	KC		
SEAD-57	57C14-0046	738216.75	1009915	327	Mv	6/14/2006	164	1	12	Munitions Debris	6/15/2006	Small Arms, 7.62 brass	-	-		
SEAD-57	57C14-0049	738214.5	1009919.25	294	Mv	6/14/2006	112	1	2	Munitions Debris	6/15/2006	Small Arms, 7.62 brass	-	-		
SEAD-57	57C14-0063	738169	1009858.75	183	Mv	6/14/2006	99	1	1	Cultural Debris	6/15/2006	Trash	-	-		
SEAD-57	57C14-0065	738209.5	1009918	159	Mv	6/14/2006	56	1	24	Hot Soil	6/15/2006	Hot rock	-	-		
SEAD-57	57C14-0108	738114.5	1009754	62	Mv	6/14/2006	14	1	9	Cultural Debris	10/25/2006	Small nails	-	-		
SEAD-57	57C14-0117	738182.75	1009804.75	54	Mv	6/14/2006	3000	1	2	Cultural Debris	6/15/2006	Trash	-	-		
SEAD-57	57C14-0138	738112	1009757.5	44	Mv	9/11/2006	44	1	2	Cultural Debris	9/20/2006	-	-	-		
SEAD-57	57C14-0169	738109	1009754	32	Mv	9/11/2006	32	1	6	Cultural Debris	9/20/2006	-	-	-		
SEAD-57	57E06-0013	738485.75	1008838.75	113	Mv	6/22/2006	146	1	0	Munitions Debris	6/26/2006	Frag	-	-		
SEAD-57	57E08-0003	738450.033	1009205.79	601	Mv	6/22/2006	124	1	1	Munitions Debris	6/26/2006	Frag	Pass	KC		
SEAD-57	57E08-0004	738489.25	1009221.75	590	Mv	6/22/2006	96	1	1	Munitions Debris	6/26/2006	Frag	-	-		
SEAD-57	57E08-0005	738493.25	1009187.75	550	Mv	6/22/2006	270	1	1	Munitions Debris	6/26/2006	Frag	-	-		
SEAD-57	57E08-0008	738492.25	1009193.75	427	Mv	6/22/2006	115	1	1	Munitions Debris	6/26/2006	Frag	-	-		
SEAD-57	57E08-0009	738489.75	1009163.75	397	Mv	6/22/2006	136	1	1	Munitions Debris	6/26/2006	Frag	-	-		
SEAD-57	57E08-0011	738497.5	1009233.5	364	Mv	6/22/2006	107	1	1	Munitions Debris	6/26/2006	frag	-	-		
SEAD-57	57E08-0012	738496.75	1009184	362	Mv	6/22/2006	212	1	0	Munitions Debris	6/26/2006	Frag	-	-		
SEAD-57	57E08-0013	738495.75	1009041	358	Mv	6/22/2006	124	1	2	Munitions Debris	6/26/2006	Frag	-	-		
SEAD-57	57E08-0016	738479.25	1009182.75	324	Mv	6/22/2006	142	1	0	Munitions Debris	6/26/2006	Frag	-	-		

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	DGM ¹ and GPS SURVEY					REACQUISITION		DIG RESULTS				QPOST-DIG QC		
	Anomaly ID	Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	57E08-0095	738499.25	1009166	167	Mv	6/22/2006	67	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0096	738479.5	1009161.5	167	Mv	6/22/2006	90	1	0	Munitions Debris	6/26/2006	frag	-	-
SEAD-57	57E08-0097	738472.25	1009232.5	166	Mv	6/22/2006	56	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0099	738474.25	1009202.5	162	Mv	6/22/2006	96	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0100	738464.75	1009245.25	162	Mv	6/22/2006	89	1	0	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0101	738480.25	1009220.5	161	Mv	6/22/2006	124	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0103	738486.75	1009186	158	Mv	6/22/2006	104	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0106	738476.75	1009200	157	Mv	6/22/2006	106	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0110	738474.75	1009143	152	Mv	6/22/2006	97	1	0	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0113	738458.5	1009226	151	Mv	6/22/2006	121	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0114	738451.5	1009244.25	148	Mv	6/22/2006	98	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0117	738491.25	1009157.25	145	Mv	6/22/2006	113	1	0	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0118	738491.75	1009207.75	145	Mv	6/22/2006	102	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0119	738492.5	1009149.75	144	Mv	6/22/2006	91	1	0	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0122	738465.25	1009143.5	144	Mv	6/22/2006	76	1	0	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0123	738476.5	1009231.75	143	Mv	6/22/2006	93	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0127	738456	1009242	138	Mv	6/22/2006	80	1	1	Munitions Debris	6/26/2006	Frag	Pass	KC
SEAD-57	57E08-0128	738487.5	1009171.25	136	Mv	6/22/2006	97	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0129	738484.75	1009226.75	136	Mv	6/22/2006	118	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0130	738484.5	1009168.75	134	Mv	6/22/2006	96	1	0	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0131	738457.75	1009161.5	133	Mv	6/22/2006	120	1	0	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0133	738490.25	1009234	131	Mv	6/22/2006	71	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0134	738500	1009174.75	130	Mv	6/22/2006	140	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0135	738456.5	1009246.5	129	Mv	6/22/2006	45	1	0	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0141	738452.25	1009226.5	123	Mv	6/22/2006	86	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0142	738485.25	1009238	123	Mv	6/22/2006	76	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0143	738454	1009180	121	Mv	6/22/2006	60	1	0	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0145	738489.75	1009170.25	118	Mv	6/22/2006	110	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0147	738488.75	1009242.5	117	Mv	6/22/2006	108	1	2	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0148	738498.75	1009126.25	114	Mv	6/22/2006	98	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0149	738448.99	1009240.19	113	Mv	6/22/2006	102	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0151	738465	1009221.25	112	Mv	6/22/2006	102	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0152	738455	1009213.5	111	Mv	6/22/2006	52	1	1	Munitions Debris	6/26/2006	Frag	Pass	KC
SEAD-57	57E08-0154	738488.5	1009151.5	109	Mv	6/22/2006	63	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0155	738459.75	1009160.75	107	Mv	6/22/2006	91	1	0	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0157	738454.25	1009224.25	102	Mv	6/22/2006	101	1	2	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0158	738487.5	1009224.5	98	Mv	6/22/2006	80	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0162	738467.25	1009235.5	89	Mv	6/22/2006	114	1	1	Munitions Debris	6/26/2006	Frag	Pass	KC
SEAD-57	57E08-0164	738495.75	1009244.25	86	Mv	6/22/2006	40	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0166	738479.5	1009208.5	85	Mv	6/22/2006	48	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0169	738460.25	1009148.25	78	Mv	6/22/2006	104	1	0	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0170	738456	1009201.75	78	Mv	6/22/2006	83	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0175	738460.25	1009234.5	72	Mv	6/22/2006	108	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0176	738488.5	1009139	72	Mv	6/22/2006	36	1	0	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0177	738477.25	1009165	71	Mv	6/22/2006	85	1	0	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0179	738452	1009238	69	Mv	6/22/2006	84	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0180	738492.5	1009180.25	69	Mv	6/22/2006	36	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0182	738492.75	1009212.75	59	Mv	6/22/2006	112	1	2	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0184	738497.5	1009174.25	52	Mv	6/22/2006	10	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0185	738483.5	1009240	52	Mv	6/22/2006	100	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0186	738460.75	1009170.25	52	Mv	6/22/2006	20	1	0	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0188	738456.25	1009143.25	51	Mv	6/22/2006	30	1	1	Munitions Debris	6/26/2006	Frag	-	-
SEAD-57	57E08-0190	738468.5	1009203.75	50	Mv	6/22/2006	30	1	1	Munitions Debris	6/26/2006	Frag	-	-

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS				QPOST-DIG QC	QC	
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	57G16-0023	738749	1010009.75	912	Mv	6/12/2006	383	1	1	Munitions Debris	6/14/2006	2.36 rkt wh	.	
SEAD-57	57G16-0029	738727.5	1010000.25	448	Mv	6/12/2006	380	1	1	Cultural Debris	6/14/2006	Trash	Pass	KC
SEAD-57	57G16-0040	738571.5	1010027	271	Mv	6/12/2006	106	1	1	Cultural Debris	6/15/2006	Trash	.	
SEAD-57	57G16-0062	738575.75	1010017.5	155	Mv	6/12/2006	128	1	2	Cultural Debris	6/15/2006	Trash	.	
SEAD-57	57G16-0087	738608.75	1010106.5	81	Mv	6/12/2006	30	1	1	Munitions Debris	6/15/2006	20mun	.	
SEAD-57	57G16-0102	738641.5	1010036.25	62	Mv	6/12/2006	15	1	1	Munitions Debris	6/14/2006	Frag	.	
SEAD-57	57104-0036	738805.5	1008678.25	336	Mv	6/29/2006	340	1	2	Munitions Debris	7/7/2006	Alum MD	.	
SEAD-57	57104-0043	738807.75	1008744.25	285	Mv	6/29/2006	170	1	2	Munitions Debris	7/7/2006	Alum MD	.	
SEAD-57	57104-0050	738806.75	1008656.5	246	Mv	6/29/2006	289	1	1	Munitions Debris	7/7/2006	Alum MD	.	
SEAD-57	57104-0072	738803	1008685.5	180	Mv	6/29/2006	150	1	1	Munitions Debris	7/7/2006	Alum MD	.	
SEAD-57	57104-0085	738809.25	1008739.75	152	Mv	6/29/2006	68	1	2	Munitions Debris	7/7/2006	Alum MD	.	
SEAD-57	57104-0105	738806.5	1008684.5	122	Mv	6/29/2006	180	1	1	Munitions Debris	7/7/2006	Alum MD	.	
SEAD-57	57104-0161	738828.25	1008740.75	69	Mv	6/29/2006	68	1	2	Cultural Debris	7/7/2006	Steel scrap	Pass	KC
SEAD-57	57104-0196	738801.5	1008672.75	51	Mv	6/29/2006	44	1	2	Munitions Debris	7/7/2006	Alum MD	.	
SEAD-57	57104-0240	738806.25	1008705.75	33	Mv	9/11/2006	33	1	2	Munitions Debris	9/21/2006	Frag	.	
SEAD-57	57114-0002	738766.75	1009787.5	244221	Mv	6/27/2006	3000	1	6	Cultural Debris	10/25/2006	R/R track piece	Pass	KC
SEAD-57	57114-0005	738799.75	1009896.75	79888	Mv	6/22/2006	3000	1	1	Cultural Debris	6/27/2006	Trash	Pass	KC
SEAD-57	57114-0017	738777	1009824.25	1826	Mv	6/22/2006	700	1	5	Cultural Debris	6/27/2006	Trash	.	
SEAD-57	57114-0102	738809.5	1009853.25	256	Mv	6/22/2006	140	1	3	Munitions Debris	6/27/2006	Frag	.	
SEAD-57	57114-0120	738794.5	1009904.5	222	Mv	6/22/2006	85	1	0	Cultural Debris	6/27/2006	Trash	.	
SEAD-57	57114-0132	738757.25	1009869	209	Mv	6/28/2006	52	1	3	Cultural Debris	7/7/2006	Steel scrap	.	
SEAD-57	57114-0170	738815	1009851	163	Mv	6/22/2006	105	1	0	Munitions Debris	6/27/2006	Frag	.	
SEAD-57	57114-0174	738984.5	1009802.25	160	Mv	6/20/2006	110	1	2	Munitions Debris	6/27/2006	Frag	.	
SEAD-57	57114-0185	738999.67	1009803.757	142	Mv	6/20/2006	85	1	2	Munitions Debris	6/27/2006	Frag	.	
SEAD-57	57114-0227	738806.25	1009839	112	Mv	6/22/2006	90	1	1	Munitions Debris	6/27/2006	Frag	.	
SEAD-57	57114-0230	738825	1009834.25	111	Mv	6/22/2006	45	1	1	Munitions Debris	6/27/2006	Frag	.	
SEAD-57	57114-0238	738794.75	1009909.5	107	Mv	6/22/2006	30	1	8	Cultural Debris	6/27/2006	Trash	.	
SEAD-57	57114-0254	738995	1009777.25	100	Mv	6/20/2006	90	1	5	Munitions Debris	6/27/2006	Frag	.	
SEAD-57	57114-0269	738816	1009822	92	Mv	6/22/2006	120	1	2	Munitions Debris	6/27/2006	Frag	.	
SEAD-57	57114-0282	738901.75	1009784.5	85	Mv	6/20/2006	85	1	0	Cultural Debris	7/19/2006	Alum	Pass	KC
SEAD-57	57114-0314	738754.25	1009844.75	73	Mv	6/28/2006	60	1	3	Cultural Debris	7/7/2006	Alum scrap	.	
SEAD-57	57114-0338	738756.5	1009863.5	63	Mv	6/28/2006	30	1	1	Cultural Debris	7/7/2006	Steel scrap	.	
SEAD-57	57114-0358	738811.5	1009815.25	58	Mv	6/22/2006	27	1	0	Munitions Debris	6/27/2006	Frag	.	
SEAD-57	57114-0373	738802.75	1009840.75	54	Mv	6/22/2006	30	1	1	Munitions Debris	6/27/2006	Frag	.	
SEAD-57	57116-0077	738750.25	1010006	72	Mv	6/7/2006	120	1	0	Munitions Debris	6/14/2006	Frag	Pass	KC
SEAD-57	57116-0089	738798	1010108.75	62	Mv	6/12/2006	999	1	0	Cultural Debris	10/24/2006	Bolt	Pass	KC
SEAD-57	57116-0096	738812	1010040.5	56	Mv	6/12/2006	44	1	1	Cultural Debris	6/13/2006	Trash	.	
SEAD-57	57K04-0002	739072	1008638.75	345	Mv	7/10/2006	140	1	2	Cultural Debris	7/10/2006	Trash	Pass	KC
SEAD-57	57K12-0131	739008.25	1009676.5	207	Mv	6/1/2006	112	1	0	Cultural Debris	6/8/2006	Alum scrap	.	
SEAD-57	57K12-0167	739013.25	1009691	161	Mv	6/1/2006	63	1	0	Cultural Debris	6/8/2006	Alum scrap	.	
SEAD-57	57K12-0179	739047.75	1009708	147	Mv	8/1/2006	147	1	0	Cultural Debris	8/1/2006	Alum	.	
SEAD-57	57K12-0192	739045	1009703.5	134	Mv	8/1/2006	134	1	0	Cultural Debris	8/1/2006	Alum	.	
SEAD-57	57K12-0208	739070.75	1009649.75	124	Mv	8/1/2006	124	1	0	Cultural Debris	8/1/2006	Alum disk	.	
SEAD-57	57K12-0223	739044	1009713.75	114	Mv	8/1/2006	114	1	0	Cultural Debris	8/1/2006	Alum	Pass	KC
SEAD-57	57K12-0227	739006.5	1009672.5	111	Mv	6/1/2006	121	1	0	Cultural Debris	6/8/2006	Alum scrap	.	
SEAD-57	57K12-0260	739109.25	1009736.25	87	Mv	8/1/2006	87	1	0	Cultural Debris	8/1/2006	Steel	.	
SEAD-57	57K12-0262	739074	1009646.5	86	Mv	8/1/2006	86	1	0	Cultural Debris	8/1/2006	Steel wire	.	
SEAD-57	57K12-0275	739142.25	1009623.75	77	Mv	6/1/2006	999	1	0	Cultural Debris	6/8/2006	Alum	.	
SEAD-57	57K12-0283	739042	1009725.75	72	Mv	8/1/2006	72	1	0	Cultural Debris	8/2/2006	Alum	.	
SEAD-57	57K12-0286	739071.25	1009684.75	70	Mv	6/1/2006	63	1	4	Cultural Debris	7/5/2006	Steel wire	.	
SEAD-57	57K12-0288	739012.75	1009696.5	69	Mv	6/1/2006	113	1	0	Cultural Debris	6/8/2006	Alum 3"	.	
SEAD-57	57K14-0038	739106	1009808.25	520	Mv	6/12/2006	155	1	0	Cultural Debris	10/24/2006	Scrap metal	.	
SEAD-57	57K14-0071	739142.5	1009835.25	274	Mv	6/5/2006	133	1	1	Cultural Debris	6/12/2006	Trash	.	

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
		Location (ft)		Amp ¹	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	G09-012	738661.03	1009195.39	19	nT	8/8/2006	19	1	24	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	G09-025	738742.93	1009233.38	16	nT	8/8/2006	16	1	3	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	G09-032	738713.94	1009196.65	16	nT	8/8/2006	16	1	24	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	G09-035	738733.78	1009171.32	15	nT	8/8/2006	15	1	24	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	G10-026	738690.96	1009253.7	154	nT	8/8/2006	154	1	6	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	G10-041	738748.95	1009294.79	23	nT	8/8/2006	23	1	4	Cultural Debris	8/10/2006	Trash	-	-
SEAD-57	G11-013	738633.88	1009451.58	4	nT	8/8/2006	4	1	24	Cultural Debris	8/10/2006	Trash	-	-
SEAD-57	G11-021	738732.93	1009489.35	18	nT	8/8/2006	18	1	12	Cultural Debris	8/10/2006	Trash	-	-
SEAD-57	G11-022	738748.95	1009489.94	73	nT	8/8/2006	73	1	36	Cultural Debris	8/10/2006	Trash	-	-
SEAD-57	G11-023	738744.98	1009485.83	27	nT	8/8/2006	27	1	24	Cultural Debris	8/10/2006	Trash	Pass	KC
SEAD-57	G13-001	738715.802	1009635.187	68	nT	10/17/2006	67	1	20	Cultural Debris	10/24/2006	Electrical firing device	Pass	KC
SEAD-57	H06-022	738798.84	1008794.27	45	nT	8/8/2006	45	1	2	Cultural Debris	8/9/2006	Trash	Pass	KC
SEAD-57	H06-023	738812.17	1008780.05	6219	nT	8/8/2006	5000	1	11	Cultural Debris	8/9/2006	Survey stake	-	-
SEAD-57	H08-010	738828.02	1009088.192	352	nT	9/6/2006	352	1	12	Cultural Debris	9/8/2006	Wire	-	-
SEAD-57	H08-011	738833.852	1009086.766	8	nT	9/6/2006	8	1	3	Cultural Debris	9/8/2006	Wire	-	-
SEAD-57	H08-025	738794.452	1009117.613	45	nT	9/6/2006	45	1	2	Hot Soil	9/8/2006	Hot rock	-	-
SEAD-57	H08-031	738814.022	1009094.413	38	nT	9/6/2006	38	1	8	Cultural Debris	9/8/2006		Pass	KC
SEAD-57	H08-044	738790.175	1009031.554	20	nT	9/6/2006	20	1	24	Cultural Debris	9/8/2006		Pass	KC
SEAD-57	H08-052	738790.276	1009044.257	15	nT	10/17/2006	16	1	2	Hot Soil	10/19/2006	Rock	Pass	KC
SEAD-57	H09-004	738785.072	1009227.484	20	nT	10/17/2006	20	1	4	Munitions Debris	10/23/2006	Disc	Pass	KC
SEAD-57	H09-010	738775.275	1009198.094	15	nT	10/17/2006	16	1	6	Hot Soil	10/19/2006	Rock	Pass	KC
SEAD-57	H09-021	738806.059	1009246.624	15	nT	10/17/2006	15	1	10	Munitions Debris	10/23/2006	Disc	Pass	KC
SEAD-57	H09-028	738846.124	1009170.137	7	nT	10/17/2006	8	1	36	Cultural Debris	10/25/2006	Wire	-	-
SEAD-57	H09-030	738853.969	1009160.891	21	nT	10/17/2006	21	1	30	Cultural Debris	10/25/2006	Wire	-	-
SEAD-57	H09-032	738845.984	1009155.428	36	nT	10/17/2006	36	1	6	Cultural Debris	10/25/2006	Wire	-	-
SEAD-57	H09-033	738840.1	1009139.878	13	nT	10/17/2006	12	1	9	Cultural Debris	10/25/2006	Wire	Pass	KC
SEAD-57	H10-002	738775.122	1009372.749	17	nT	10/17/2006	18	1	2	Munitions Debris	10/23/2006	Frag	-	-
SEAD-57	H10-004	738767.621	1009271.568	217	nT	10/17/2006	218	1	3	Cultural Debris	10/23/2006	Grounding rod	Pass	KC
SEAD-57	H10-012	738801.187	1009340.978	32	nT	10/17/2006	32	1	4	Munitions Debris	10/23/2006	Frag	Pass	KC
SEAD-57	H10-032	738785.098	1009264.697	61	nT	10/17/2006	61	1	14	Cultural Debris	10/25/2006	Metal disc	-	-
SEAD-57	H10-034	738804.931	1009251.105	44	nT	10/17/2006	44	1	12	Cultural Debris	10/25/2006	Metal disc	-	-
SEAD-57	H10-035	738805.07	1009257.762	12	nT	10/17/2006	11	1	12	Cultural Debris	10/25/2006	Nail	Pass	KC
SEAD-57	H10-063	738863.044	1009306.998	56	nT	10/17/2006	56	1	28	Cultural Debris	10/25/2006	Scrap metal	Pass	KC
SEAD-57	H11-016	738796.836	1009417.61	10	nT	10/17/2006	10	1	12	Cultural Debris	10/25/2006	Several Nails	-	-
SEAD-57	H12-006	738827.97	1009622.836	12	nT	10/17/2006	12	1	18	Cultural Debris	10/24/2006	Metal disc	Pass	KC
SEAD-57	H12-012	738791.915	1009582.416	23	nT	10/17/2006	24	1	18	Cultural Debris	10/24/2006	Metal disc	Pass	KC
SEAD-57	H12-016	738854.024	1009578.754	10	nT	10/17/2006	11	1	24	Cultural Debris	10/24/2006	Metal disc	Pass	KC
SEAD-57	H13-003	738763.889	1009631.286	20	nT	10/17/2006	20	1	36	Cultural Debris	10/24/2006	Metal disc	Pass	KC
SEAD-57	H13-010	738796	1009657.623	9	nT	10/17/2006	9	1	4	Cultural Debris	10/24/2006	Wire	Pass	KC
SEAD-57	H13-013	738833.885	1009680.579	12	nT	10/17/2006	12	1	9	Cultural Debris	10/24/2006	Como wire	Pass	KC
SEAD-57	H13-017	738829.801	1009666.636	77	nT	10/17/2006	77	1	20	Cultural Debris	10/24/2006	Wire	Pass	KC
SEAD-57	H13-018	738817.97	1009654.665	17	nT	10/17/2006	17	1	36	Munitions Debris	10/24/2006	Frag	Pass	KC
SEAD-57	H13-021	738834.166	1009648.891	21	nT	10/17/2006	22	1	20	Cultural Debris	10/24/2006	Como wire	Pass	KC
SEAD-57	H13-025	738845.856	1009632.695	37	nT	10/17/2006	37	1	30	Cultural Debris	10/24/2006	Coat hanger	Pass	KC
SEAD-57	H13-026	738852.194	1009631.85	316	nT	10/17/2006	316	1	36	Cultural Debris	10/24/2006	Same as #25 [coat hanger]	Pass	KC
SEAD-57	H13-031	738849.94	1009678.044	38	nT	10/17/2006	39	1	30	Munitions Debris	10/24/2006	Frag	-	-
SEAD-57	H13-037	738818.111	1009745.787	49	nT	10/17/2006	50	1	36	Cultural Debris	10/24/2006	Wire	-	-
SEAD-57	H13-043	738811.914	1009710.155	56	nT	10/17/2006	56	1	26	Munitions Debris	10/24/2006	Frag	-	-
SEAD-57	107-020	738894	1008914.52	7	nT	8/8/2006	7	1	1	Hot Soil	8/9/2006	Hotrock	Pass	KC
SEAD-57	107-021	738889.23	1008927.89	43	nT	8/8/2006	43	1	2	Hot Soil	8/9/2006	Hotrock	-	-
SEAD-57	108-015	738978.47	1009102.161	13	nT	10/16/2006	11	1	11	Cultural Debris	10/19/2006	Wire	Pass	KC
SEAD-57	108-016	738975.246	1009090.962	31	nT	10/16/2006	32	1	17	Munitions Debris	10/25/2006	Frag	-	-
SEAD-57	108-023	738982.373	1009047.522	12	nT	10/16/2006	11	1	12	Cultural Debris	10/23/2006		Pass	KC

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	DGM ¹ and GPS SURVEY					REACQUISITION		DIG RESULTS				QPOST-DIG QC		
	Anomaly ID	Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code ³	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	57C14-0057	738170	1009772	207	Mv	6/14/2006	0	0	0	No Contact	6/15/2006		-	
SEAD-57	57C14-0067	738221	1009804.75	152	Mv	6/14/2006	80	0	1	Cultural Debris	6/15/2006	Trash	-	
SEAD-57	57C14-0094	738125.25	1009761.5	85	Mv	6/14/2006	35	0	10	Cultural Debris	10/25/2006	Surface rust	-	
SEAD-57	57C14-0134	738088	1009758.25	47	Mv	9/11/2006	47	0	0	No Contact	9/20/2006		-	
SEAD-57	57C14-0136	738170.25	1009794.75	45	Mv	9/11/2006	45	0	0	No Contact	9/21/2006		Pass	KC
SEAD-57	57C14-0147	738106	1009769.5	39	Mv	9/11/2006	39	0	0	No Contact	9/20/2006		-	
SEAD-57	57C14-0153	738186.25	1009806.25	38	Mv	9/11/2006	38	0	0	No Contact	9/21/2006		Pass	KC
SEAD-57	57C14-0161	738194.25	1009872	35	Mv	9/11/2006	35	0	0	No Contact	9/21/2006		-	
SEAD-57	57C14-0191	738239	1009786	26	Mv	9/11/2006	26	0	0	No Contact	9/21/2006		Pass	KC
SEAD-57	57C14-0199	738185.75	1009878.75	25	Mv	10/4/2006	24	0	0	No Contact	10/25/2006		-	
SEAD-57	57C14-0210	738223.25	1009872.5	23	Mv	9/11/2006	23	0	0	No Contact	9/21/2006		-	
SEAD-57	57C14-0263	738239.25	1009834	14	Mv	9/11/2006	14	0	0	No Contact	9/21/2006		-	
SEAD-57	57C14-0327	738228.5	1009936.75	10	Mv	9/11/2006	10	0	0	No Contact	9/21/2006		Pass	KC
SEAD-57	57E06-0015	738480.75	1008780.25	96	Mv	6/22/2006	69	0	0	No Contact	10/26/2006		-	
SEAD-57	57E06-0017	738487.75	1008766.5	77	Mv	6/22/2006	86	0	0	No Contact	10/26/2006		-	
SEAD-57	57E06-0018	738462.75	1008999.25	64	Mv	6/22/2006	72	0	0	No Contact	10/19/2006		-	
SEAD-57	57E06-0061	738490.5	1008934.25	11	Mv	9/11/2006	11	0	0	No Contact	9/20/2006		Pass	KC
SEAD-57	57E08-0199	738474.5	1009086.25	37	Mv	9/11/2006	37	0	0	No Contact	9/20/2006		Pass	KC
SEAD-57	57E10-0208	738462.5	1009349.25	87	Mv	6/28/2006	84	0	0	No Contact	10/23/2006		-	
SEAD-57	57E10-0235	738455.75	1009454.75	64	Mv	6/27/2006	22	0	0	No Contact	10/23/2006		-	
SEAD-57	57E10-0246	738461.25	1009432	49	Mv	9/11/2006	49	0	0	No Contact	9/20/2006		Pass	KC
SEAD-57	57E10-0290	738469.25	1009488.5	21	Mv	9/11/2006	21	0	0	No Contact	9/20/2006		-	
SEAD-57	57E10-0340	738459.75	1009386.25	10	Mv	9/11/2006	10	0	0	No Contact	9/20/2006		Pass	KC
SEAD-57	57E12-0141	738437.75	1009664.5	42	Mv	9/11/2006	42	0	0	No Contact	9/20/2006		Pass	KC
SEAD-57	57E12-0146	738441	1009663.5	38	Mv	9/11/2006	38	0	0	No Contact	9/20/2006		Pass	KC
SEAD-57	57E12-0161	738433.75	1009748.75	33	Mv	9/11/2006	33	0	0	No Contact	9/20/2006		Pass	KC
SEAD-57	57E12-0216	738490.25	1009701.25	21	Mv	9/11/2006	21	0	0	No Contact	9/20/2006		Pass	KC
SEAD-57	57E12-0224	738421.75	1009739.5	19	Mv	9/11/2006	19	0	0	No Contact	9/20/2006		-	
SEAD-57	57E12-0237	738406	1009736.5	17	Mv	10/4/2006	16	0	0	No Contact	10/25/2006		-	
SEAD-57	57E12-0291	738461.75	1009592.5	11	Mv	9/11/2006	11	0	0	No Contact	9/20/2006		Pass	KC
SEAD-57	57E14-0057	738351.75	1009910.25	252	Mv	6/22/2006	95	0	0	No Contact	7/19/2006	No contact	Pass	KC
SEAD-57	57E14-0078	738344.25	1009933.5	189	Mv	6/22/2006	60	0	0	No Contact	7/19/2006	No contact	-	
SEAD-57	57E14-0093	738336.75	1009939.25	134	Mv	6/22/2006	60	0	0	No Contact	7/19/2006	No contact	Pass	KC
SEAD-57	57E14-0194	738429.25	1009899.75	54	Mv	6/21/2006	20	0	0	Cultural Debris	6/27/2006	Same as contact 0145	-	
SEAD-57	57E14-0195	738370.25	1009795	54	Mv	7/19/2006	54	0	0	No Contact	10/25/2006		-	
SEAD-57	57E14-0264	738251.5	1009924.25	41	Mv	10/4/2006	42	0	0	No Contact	10/25/2006		-	
SEAD-57	57E14-0269	738493.25	1009802.5	40	Mv	9/11/2006	40	0	0	No Contact	9/21/2006		Pass	KC
SEAD-57	57E14-0411	738306.25	1009768.75	25	Mv	9/11/2006	25	0	0	No Contact	9/20/2006		Pass	KC
SEAD-57	57E14-0467	738356.25	1009829.75	22	Mv	9/11/2006	22	0	0	No Contact	9/21/2006		Pass	KC
SEAD-57	57E14-0820	738334	1009928.75	11	Mv	9/11/2006	11	0	0	No Contact	9/21/2006		Pass	KC
SEAD-57	57E16-0018	738489.5	1010023.75	45	Mv	9/11/2006	45	0	0	No Contact	9/25/2006		Pass	KC
SEAD-57	57E16-0020	738465	1010006	42	Mv	9/11/2006	42	0	0	No Contact	9/25/2006		Pass	KC
SEAD-57	57E16-0022	738481.25	1010039.75	34	Mv	9/11/2006	34	0	0	No Contact	9/25/2006		-	
SEAD-57	57E16-0035	738471.25	1010023.5	19	Mv	10/4/2006	21	0	0	No Contact	10/25/2006		-	
SEAD-57	57G04-0042	738649.75	1008609	168	Mv	6/20/2006	75	0	0	No Contact	10/19/2006		-	
SEAD-57	57G04-0110	738711.5	1008730	90	Mv	6/20/2006	170	0	0	No Contact	10/19/2006		-	
SEAD-57	57G04-0189	738700.75	1008651	43	Mv	9/11/2006	43	0	0	No Contact	9/21/2006		-	
SEAD-57	57G04-0297	738580.25	1008717.5	15	Mv	9/11/2006	15	0	0	No Contact	9/21/2006		-	
SEAD-57	57G04-0309	738653.25	1008665.75	13	Mv	9/11/2006	13	0	0	No Contact	9/21/2006		-	
SEAD-57	57G04-0349	738666.75	1008662.75	10	Mv	9/11/2006	10	0	0	No Contact	10/19/2006		-	
SEAD-57	57G06-0091	738530	1008966.5	120	Mv	6/20/2006	120	0	0	No Contact	10/19/2006		-	
SEAD-57	57G14-0054	738629	1009991.75	1024	Mv	7/11/2006	544	0	0	No Contact	7/12/2006		-	
SEAD-57	57G14-0079	738670.5	1009942	572	Mv	6/14/2006	85	0	0	No Contact	10/25/2006		-	

**APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity**

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		Depth (in)	Location Offset (in)	Type	Date	DIG RESULTS Item Description	QPOST-DIG QC QC Code	QC Initials
		Location (ft) Easting (X) Northing (Y)	Amp ¹	Amp Unit	Date	Amp								
SEAD-57	57I16-0003	738759	1010105.5	137129	Mv	6/12/2006	3000	0	0	Cultural Debris	6/14/2006	Metal sign 4' W x 8' L; Anomalies 116-0005, 116-0001, 116-0032, 116-0003, 116-0002, 116-0007 are associated with this Anomaly.	-	
SEAD-57	57I16-0007	738760.874	1010094.721	2328	Mv	6/12/2006	300	0	0	Cultural Debris	6/14/2006	Metal sign 4' W x 8' L; Anomalies 116-0005, 116-0001, 116-0032, 116-0003, 116-0002, 116-0007 are associated with this Anomaly.	-	
SEAD-57	57I16-0032	738759.437	1010110.178	200	Mv	6/12/2006	3000	0	0	Cultural Debris	6/14/2006	Metal sign 4' W x 8' L; Anomalies 116-0005, 116-0001, 116-0032, 116-0003, 116-0002, 116-0007 are associated with this Anomaly.	-	
SEAD-57	57I16-0110	738868	1010006.5	47	Mv	9/11/2006	47	0	0	No Contact	9/25/2006		-	
SEAD-57	57I16-0310	738965	1010150	18	Mv	10/4/2006	19	0	0	No Contact	10/26/2006		-	
SEAD-57	57I16-0415	738981.5	1010005	14	Mv	9/11/2006	14	0	0	No Contact	9/25/2006		-	
SEAD-57	57K04-0026	739015	1008680.5	47	Mv	9/11/2006	47	0	0	No Contact	9/21/2006		-	
SEAD-57	57K04-0046	739005.75	1008649.25	28	Mv	9/11/2006	28	0	0	No Contact	9/21/2006		-	
SEAD-57	57K04-0059	739061.5	1008686.75	20	Mv	9/11/2006	20	0	0	No Contact	9/21/2006		-	
SEAD-57	57K04-0066	739071.75	1008692.25	17	Mv	9/11/2006	17	0	0	No Contact	9/21/2006		-	
SEAD-57	57K06-0003	739097.5	1008753	52	Mv	7/18/2006	52	0	0	No Contact	10/19/2006		-	
SEAD-57	57K12-0024	739247	1009581.75	2376	Mv	6/12/2006	1832	0	0	Cultural Debris	10/19/2006	prior dig	-	
SEAD-57	57K12-0178	739044.5	1009748.75	149	Mv	8/1/2006	149	0	0	Cultural Debris	10/19/2006	Prior dig	-	
SEAD-57	57K12-0310	739078	1009672	57	Mv	8/1/2006	57	0	4	Cultural Debris	8/22/2006	Steel wire	-	
SEAD-57	57K14-0020	739108.25	1009930.5	1032	Mv	6/8/2006	325	0	0	Cultural Debris	6/13/2006	Trash	-	
SEAD-57	57K14-0025	739062.25	1009978.5	806	Mv	6/8/2006	360	0	0	No Contact	6/13/2006		-	
SEAD-57	57K14-0063	739093.5	1009861.5	339	Mv	6/8/2006	253	0	1	Cultural Debris	6/12/2006	Survey monument	-	
SEAD-57	57K14-0080	739098.5	1009921.75	254	Mv	6/8/2006	50	0	0	No Contact	6/13/2006		-	
SEAD-57	57K14-0130	739035.25	1009944.75	153	Mv	6/8/2006	88	0	0	No Contact	6/13/2006		-	
SEAD-57	57K14-0137	739190	1009856.25	140	Mv	6/5/2006	57	0	0	No Contact	6/12/2006		-	
SEAD-57	57K14-0145	739052	1009764.5	134	Mv	7/19/2006	134	0	0	No Contact	10/19/2006		-	
SEAD-57	57K14-0147	739056.75	1009863.25	132	Mv	6/8/2006	150	0	0	No Contact	6/13/2006		-	
SEAD-57	57K14-0178	739011.5	1009987	105	Mv	6/12/2006	57	0	0	No Contact	6/13/2006		-	
SEAD-57	57K14-0179	739028.5	1009805.75	105	Mv	7/19/2006	105	0	0	No Contact	10/19/2006		-	
SEAD-57	57K14-0189	739104.75	1009894.25	94	Mv	6/8/2006	45	0	0	No Contact	6/13/2006		-	
SEAD-57	57K14-0200	739103	1009764	84	Mv	7/19/2006	84	0	0	No Contact	10/26/2006		-	
SEAD-57	57K14-0229	739090	1009952.5	70	Mv	6/8/2006	80	0	0	No Contact	6/13/2006		-	
SEAD-57	57K14-0238	739192.5	1009915.5	66	Mv	6/8/2006	10	0	0	No Contact	6/12/2006	No contact	Pass	KC
SEAD-57	57K14-0239	739130	1009919.75	66	Mv	6/8/2006	30	0	0	No Contact	6/13/2006		-	
SEAD-57	57K14-0242	739026.75	1009796.25	65	Mv	7/19/2006	65	0	0	No Contact	10/19/2006		-	
SEAD-57	57K14-0253	739063.5	1009777.25	61	Mv	7/19/2006	32	0	0	No Contact	10/19/2006		-	
SEAD-57	57K14-0259	739014	1009799.5	60	Mv	7/19/2006	32	0	0	No Contact	10/19/2006		-	
SEAD-57	57K14-0262	739051.75	1009799.75	58	Mv	7/19/2006	29	0	0	No Contact	10/19/2006		-	
SEAD-57	57K14-0265	739042.5	1009795.75	56	Mv	7/19/2006	30	0	0	No Contact	10/19/2006		-	
SEAD-57	57K14-0283	739007.25	1009769	52	Mv	7/19/2006	27	0	0	No Contact	10/26/2006		-	
SEAD-57	57K14-0284	739210.75	1009840.75	51	Mv	6/5/2006	0	0	0	No Contact	8/1/2006		-	
SEAD-57	57K14-0293	739179.5	1009787.25	50	Mv	7/19/2006	50	0	0	No Contact	10/26/2006		-	
SEAD-57	57K14-0477	739242.5	1009797.5	25	Mv	9/11/2006	25	0	0	No Contact	9/21/2006		Pass	KC
SEAD-57	57K14-0705	739055.5	1009821.5	14	Mv	9/11/2006	14	0	0	No Contact	9/21/2006		Pass	KC
SEAD-57	57K16-0063	739089.25	1010141	186	Mv	6/7/2006	22	0	0	No Contact	10/26/2006		-	
SEAD-57	57K16-0163	739034.25	1010091.5	37	Mv	9/11/2006	37	0	0	No Contact	9/21/2006		-	
SEAD-57	57K16-0189	739208	1010201.75	31	Mv	9/11/2006	31	0	0	No Contact	9/21/2006		Pass	KC
SEAD-57	57K16-0321	739089	1010027	18	Mv	9/11/2006	18	0	0	No Contact	9/21/2006		Pass	KC
SEAD-57	57K16-0335	739061.5	1010145.25	16	Mv	9/11/2006	16	0	0	No Contact	9/21/2006		-	
SEAD-57	57K16-0397	739122	1010217	13	Mv	9/11/2006	13	0	18	Hot Soil	9/21/2006	Hot rock	Pass	KC
SEAD-57	57K16-0435	739122.25	1010189.75	12	Mv	9/11/2006	12	0	0	No Contact	9/21/2006		-	
SEAD-57	57M06-0001	739490.5	1008986.75	857	Mv	6/5/2006	385	0	0	Cultural Debris	7/5/2006	9pc wire	-	
SEAD-57	57M06-0005	739473.5	1008966	231	Mv	6/5/2006	115	0	0	Munitions Debris	7/5/2006	M38 spotting charge pieces	Pass	KC
SEAD-57	57M06-0006	739483.5	1008999.5	181	Mv	6/5/2006	260	0	0	Cultural Debris	7/5/2006	9pc wire	-	
SEAD-57	57M06-0007	739335.75	1008935.75	170	Mv	6/5/2006	999	0	0	Cultural Debris	7/5/2006	Alum washer	Pass	KC

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Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		Location		Type	Date	DIG RESULTS Item Description	QPOST-DIG QC QC Code	QC Initials
		Location (ft) Easting (X)	Northing (Y)	Amp ²	Amp Unit	Date	Amp	Depth (in)	Offset (in)					
SEAD-57	57M12-0492	739493.25	1009648	28	Mv	9/11/2006	28	0	18	Hot Soil	9/20/2006	Hot rock	-	
SEAD-57	57M12-0510	739361.75	1009597.75	25	Mv	9/11/2006	25	0	0	No Contact	10/19/2006		-	
SEAD-57	57M12-0752	739257.75	1009550.25	14	Mv	9/11/2006	14	0	0	No Contact	9/20/2006		-	
SEAD-57	57M14-0016	739378	1009869.25	2721	Mv	6/6/2006	869	0	0	Cultural Debris	6/7/2006	Steel pole anchor	-	
SEAD-57	57M14-0060	739279.75	1009845.75	336	Mv	6/5/2006	190	0	0	No Contact	6/20/2006		-	
SEAD-57	57M14-0192	739355.75	1009827.5	53	Mv	6/6/2006	5	0	0	No Contact	7/5/2006	No contact	-	
SEAD-57	57M14-0213	739332.25	1009904.75	47	Mv	9/11/2006	47	0	0	No Contact	9/21/2006		-	
SEAD-57	57M14-0226	739419.5	1009845.75	44	Mv	9/11/2006	44	0	18	Hot Soil	9/21/2006	Hot rock	Pass	KC
SEAD-57	57M14-0478	739481.75	1009762.5	17	Mv	9/11/2006	17	0	10	Hot Soil	9/21/2006	Hot rock	-	
SEAD-57	57M16-0002	739424	1010134.5	4442	Mv	6/7/2006	600	0	0	Cultural Debris	6/10/2006	m16-003 and m16-002 are same item	-	
SEAD-57	57M16-0003	739420.25	1010133.75	2778	Mv	6/6/2006	1830	0	0	Cultural Debris	6/10/2006	m16-003 and m16-002 are same item	Pass	KC
SEAD-57	57M16-0102	739318.25	1010112.5	52	Mv	6/6/2006	37	0	0	Cultural Debris	6/10/2006	Pole	-	
SEAD-57	57M16-0109	739370.5	1010132.75	49	Mv	9/11/2006	49	0	0	No Contact	9/21/2006		Pass	KC
SEAD-57	57M16-0131	739333.75	1010012.75	40	Mv	9/11/2006	40	0	0	No Contact	9/21/2006		Pass	KC
SEAD-57	57M16-0141	739268	1010102	37	Mv	9/11/2006	37	0	0	No Contact	9/21/2006		Pass	KC
SEAD-57	57M16-0185	739257.75	1010113	26	Mv	9/11/2006	26	0	0	No Contact	9/21/2006		Pass	KC
SEAD-57	57M16-0214	739315.25	1010163	21	Mv	9/11/2006	21	0	0	No Contact	9/21/2006		Pass	KC
SEAD-57	57M16-0367	739412.75	1010110	10	Mv	9/11/2006	10	0	0	No Contact	9/25/2006		-	
SEAD-57	57O10-0003	739540.25	1009401.75	193	Mv	6/5/2006	125	0	0	Cultural Debris	7/5/2006	Alum	-	
SEAD-57	57O10-0004	739500.25	1009392.5	167	Mv	6/5/2006	101	0	0	No Contact	10/19/2006		-	
SEAD-57	57O10-0005	739561	1009382	166	Mv	6/5/2006	128	0	0	No Contact	10/19/2006		-	
SEAD-57	57O10-0007	739572.25	1009452.75	147	Mv	6/5/2006	80	0	0	Cultural Debris	7/5/2006	Sead item #2corpshaw	-	
SEAD-57	57O10-0008	739572.25	1009449.75	147	Mv	6/5/2006	55	0	0	Cultural Debris	7/5/2006	Sead item #2corpshaw	-	
SEAD-57	57O10-0010	739567.5	1009481.75	110	Mv	6/5/2006	79	0	0	MPPEH	7/5/2006	20mun w fuze	-	
SEAD-57	57O10-0014	739536.25	1009419	52	Mv	6/5/2006	18	0	0	Cultural Debris	7/5/2006	2pc alum	-	
SEAD-57	57O10-0015	739525.051	1009322.317	52	Mv	6/5/2006	50	0	0	Munitions Debris	7/5/2006	Frag 1"x1"	-	
SEAD-57	57O10-0016	739566.75	1009494.75	50	Mv	6/5/2006	17	0	0	Cultural Debris	7/5/2006	Alum 2"x2"	-	
SEAD-57	57O10-0026	739530.75	1009471.75	38	Mv	9/11/2006	38	0	0	No Contact	9/20/2006		Pass	KC
SEAD-57	57O10-0064	739535	1009333	19	Mv	9/11/2006	19	0	0	No Contact	9/20/2006		Pass	KC
SEAD-57	57O12-0013	739507.5	1009684.5	355	Mv	6/5/2006	146	0	0	No Contact	10/19/2006		-	
SEAD-57	57O12-0035	739522.75	1009602.25	37	Mv	9/11/2006	37	0	0	Cultural Debris	9/20/2006	Contact under road, put in by sevenson	Pass	KC
SEAD-57	57O12-0045	739550	1009543.25	26	Mv	9/11/2006	26	0	24	Hot Soil	9/20/2006	Hot rock	Pass	KC
SEAD-57	57O12-0053	739505.5	1009710.5	23	Mv	9/11/2006	23	0	0	No Contact	9/20/2006		Pass	KC
SEAD-57	57O12-0074	739566.75	1009529.75	17	Mv	9/11/2006	17	0	0	No Contact	9/20/2006		-	
SEAD-57	F06-003	738617.496	1008772.444	8	nT	10/17/2006	8	0	0	No Contact	10/19/2006		-	
SEAD-57	F08-005	738590.05	1009060.13	6	nT	8/8/2006	6	0	0	No Contact	8/9/2006		Pass	KC
SEAD-57	F08-009	738526.23	1009051.96	112	nT	8/8/2006	112	0	0	No Contact	8/9/2006		Pass	KC
SEAD-57	F08-011	738499.96	1009002.7	13	nT	8/8/2006	13	0	20	Cultural Debris	8/9/2006	Grid corner [steel rod]	-	
SEAD-57	F08-012	738508.13	1009019.3	9	nT	8/8/2006	9	0	0	No Contact	8/9/2006		Pass	KC
SEAD-57	F08-013	738516.02	1009034.54	28	nT	8/8/2006	28	0	0	No Contact	8/9/2006		Pass	KC
SEAD-57	F08-022	738582.03	1009111.84	7	nT	8/8/2006	7	0	0	No Contact	8/9/2006		-	
SEAD-57	F08-023	738603.8	1009112.66	8	nT	8/8/2006	8	0	0	No Contact	8/9/2006		Pass	KC
SEAD-57	F08-024	738610.33	1009113.34	6	nT	8/8/2006	6	0	0	No Contact	8/9/2006		-	
SEAD-57	F09-001	738528.13	1009243.44	21	nT	8/8/2006	21	0	0	Hot Soil	8/9/2006	Large Hot Rock	Pass	KC
SEAD-57	F09-002	738508.94	1009235.96	3	nT	8/8/2006	3	0	0	No Contact	8/9/2006		Pass	KC
SEAD-57	F09-003	738522.01	1009219.9	9	nT	8/8/2006	9	0	0	No Contact	8/9/2006		Pass	KC
SEAD-57	F09-004	738500.37	1009179.48	13	nT	8/8/2006	13	0	0	No Contact	8/9/2006		-	
SEAD-57	F09-006	738528	1009179.62	13	nT	8/8/2006	13	0	0	Hot Soil	8/9/2006	Large Hot Rock	Pass	KC
SEAD-57	F09-007	738531.26	1009162.74	9	nT	8/8/2006	9	0	24	Hot Soil	8/9/2006	Hot Hock	Pass	KC
SEAD-57	F09-010	738509.35	1009147.09	7	nT	8/8/2006	7	0	0	No Contact	8/9/2006		-	
SEAD-57	F09-013	738570.05	1009154.85	9	nT	8/8/2006	9	0	0	No Contact	8/9/2006		-	
SEAD-57	F09-019	738579.03	1009195.4	3	nT	8/8/2006	3	0	0	No Contact	8/9/2006		-	
SEAD-57	F09-020	738572.09	1009199.08	14	nT	8/8/2006	14	0	0	No Contact	8/9/2006		Pass	KC

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS				QPOST-DIG QC		
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	G06-012	738656.992	1008829.356	21	nT	9/6/2006	21	0	0	No Contact	9/8/2006	-	-	
SEAD-57	G06-013	738654.857	1008838.83	6	nT	9/6/2006	6	0	0	No Contact	9/8/2006	Pass	KC	
SEAD-57	G06-014	738630.836	1008852.975	33	nT	9/6/2006	33	0	0	No Contact	9/8/2006	Pass	KC	
SEAD-57	G06-016	738646.881	1008813.743	7	nT	9/6/2006	7	0	0	No Contact	9/8/2006	-	-	
SEAD-57	G06-017	738663.13	1008811.341	27	nT	9/6/2006	27	0	0	No Contact	9/8/2006	-	-	
SEAD-57	G06-018	738665.059	1008799.421	23	nT	9/6/2006	22	0	0	No Contact	9/8/2006	Pass	KC	
SEAD-57	G06-019	738658.329	1008792.406	7	nT	9/6/2006	7	0	0	No Contact	9/8/2006	Pass	KC	
SEAD-57	G06-020	738634.916	1008795.155	15	nT	9/6/2006	15	0	0	No Contact	9/8/2006	-	-	
SEAD-57	G06-021	738638.992	1008789.373	49	nT	9/6/2006	49	0	0	No Contact	9/8/2006	Pass	KC	
SEAD-57	G06-022	738636.053	1008760.841	19	nT	9/6/2006	19	0	0	No Contact	9/7/2006	-	-	
SEAD-57	G06-023	738645.059	1008772.69	15	nT	9/6/2006	15	0	0	No Contact	9/8/2006	-	-	
SEAD-57	G06-024	738659.277	1008770.509	11	nT	9/6/2006	11	0	0	No Contact	9/7/2006	-	-	
SEAD-57	G07-007	738680.878	1008959.598	9	nT	9/6/2006	9	0	0	No Contact	9/7/2006	-	-	
SEAD-57	G07-017	738664.998	1008907.154	19	nT	9/6/2006	19	0	0	No Contact	9/7/2006	Pass	KC	
SEAD-57	G07-018	738665.132	1008913.159	9	nT	9/6/2006	9	0	0	No Contact	9/7/2006	Pass	KC	
SEAD-57	G07-019	738660.995	1008915.695	16	nT	9/6/2006	16	0	0	No Contact	9/7/2006	Pass	KC	
SEAD-57	G07-022	738677.008	1008927.304	27	nT	9/6/2006	27	0	0	No Contact	9/7/2006	Pass	KC	
SEAD-57	G07-025	738664.865	1008976.012	7	nT	9/6/2006	7	0	0	No Contact	9/7/2006	Pass	KC	
SEAD-57	G07-026	738691.02	1008997.363	12	nT	9/6/2006	14	0	0	No Contact	9/7/2006	-	-	
SEAD-57	G08-001	738705.22	1009057.21	27	nT	8/8/2006	27	0	0	No Contact	8/9/2006	-	-	
SEAD-57	G08-004	738683.41	1009033.71	4	nT	8/8/2006	4	0	0	No Contact	8/9/2006	-	-	
SEAD-57	G08-011	738727.03	1009032.86	18	nT	8/8/2006	18	0	0	No Contact	8/9/2006	-	-	
SEAD-57	G08-012	738735.05	1009022.31	7	nT	8/8/2006	7	0	0	No Contact	8/9/2006	Pass	KC	
SEAD-57	G08-016	738687.06	1009006.83	583	nT	8/8/2006	583	0	0	Cultural Debris	8/9/2006	-	-	
SEAD-57	G08-017	738642.88	1009011.76	8	nT	8/8/2006	8	0	0	No Contact	8/9/2006	Pass	KC	
SEAD-57	G08-021	738639.08	1009061.57	6	nT	8/8/2006	6	0	0	No Contact	8/9/2006	Pass	KC	
SEAD-57	G08-022	738635	1009074.8	12	nT	8/8/2006	12	0	0	No Contact	8/9/2006	-	-	
SEAD-57	G08-033	738687.77	1009076.91	4	nT	8/8/2006	4	0	0	No Contact	8/9/2006	-	-	
SEAD-57	G08-034	738688.89	1009091.12	12	nT	8/8/2006	12	0	0	No Contact	8/9/2006	-	-	
SEAD-57	G08-044	738739.13	1009072.68	30	nT	8/8/2006	30	0	0	No Contact	8/9/2006	Pass	KC	
SEAD-57	G09-020	738626.98	1009224.51	16	nT	8/8/2006	16	0	0	No Contact	8/9/2006	-	-	
SEAD-57	G10-002	738693.09	1009306.66	13	nT	8/8/2006	13	0	0	No Contact	8/10/2006	Pass	KC	
SEAD-57	G10-006	738701.01	1009359.02	27	nT	8/8/2006	27	0	0	No Contact	8/9/2006	Pass	KC	
SEAD-57	G10-015	738630.85	1009295.1	5	nT	8/8/2006	5	0	0	No Contact	8/9/2006	Pass	KC	
SEAD-57	G10-022	738671.33	1009257.35	8	nT	8/8/2006	8	0	0	No Contact	8/9/2006	Pass	KC	
SEAD-57	G10-023	738677.26	1009256.74	7	nT	8/8/2006	7	0	0	No Contact	8/9/2006	-	-	
SEAD-57	G10-024	738679.24	1009264.35	17	nT	8/8/2006	17	0	0	No Contact	8/10/2006	Pass	KC	
SEAD-57	G10-027	738701.01	1009251.87	21	nT	8/8/2006	21	0	0	No Contact	8/9/2006	-	-	
SEAD-57	G10-029	738719.88	1009261.31	5	nT	8/8/2006	5	0	0	No Contact	8/9/2006	-	-	
SEAD-57	G10-030	738725.21	1009261.16	12	nT	8/8/2006	12	0	0	No Contact	8/9/2006	Pass	KC	
SEAD-57	G10-031	738725.51	1009269.53	6	nT	8/8/2006	6	0	0	No Contact	8/10/2006	-	-	
SEAD-57	G10-033	738750.77	1009252.63	93	nT	8/8/2006	93	0	24	Cultural Debris	8/9/2006	-	-	
SEAD-57	G10-043	738739.06	1009319.45	21	nT	8/8/2006	21	0	0	No Contact	8/10/2006	-	-	
SEAD-57	G10-054	738725.21	1009311.68	30	nT	8/8/2006	30	0	0	No Contact	8/10/2006	-	-	
SEAD-57	G10-056	738725.05	1009297.07	11	nT	8/8/2006	11	0	0	No Contact	8/10/2006	Pass	KC	
SEAD-57	G11-005	738711.91	1009414.55	1	nT	8/8/2006	1	0	0	No Contact	8/10/2006	Pass	KC	
SEAD-57	G11-008	738685.17	1009402.35	14	nT	8/8/2006	14	0	0	No Contact	8/10/2006	-	-	
SEAD-57	G11-009	738677.52	1009446.59	15	nT	8/8/2006	15	0	0	No Contact	8/10/2006	Pass	KC	
SEAD-57	G11-010	738653.57	1009439.39	5	nT	8/8/2006	5	0	0	No Contact	8/10/2006	-	-	
SEAD-57	G11-011	738649.45	1009451.29	4	nT	8/8/2006	4	0	0	No Contact	8/10/2006	Pass	KC	
SEAD-57	G11-012	738640.64	1009440.56	5	nT	8/8/2006	5	0	0	No Contact	8/10/2006	Pass	KC	
SEAD-57	G11-014	738636.96	1009459.96	10	nT	8/8/2006	10	0	0	No Contact	8/10/2006	-	-	
SEAD-57	G11-016	738665.33	1009474.36	8	nT	8/8/2006	8	0	0	No Contact	8/10/2006	-	-	

Trash, Same as #15

Re-bar for grid corner

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS				QPOST-DIG QC	QC
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	Code
		Easting (X)	Northing (Y)										
SEAD-57	H09-014	738805.919	1009133.994	8	nT	10/17/2006	8	0	32	Cultural Debris	10/19/2006	Pass	KC
SEAD-57	H09-017	738803.818	1009225.471	13	nT	10/17/2006	14	0	0	No Contact	10/23/2006	Pass	KC
SEAD-57	H09-018	738808.021	1009230.934	21	nT	10/17/2006	21	0	0	No Contact	10/23/2006	Pass	KC
SEAD-57	H09-026	738836.458	1009187.087	19	nT	10/17/2006	19	0	0	No Contact	10/23/2006	Pass	KC
SEAD-57	H09-poly01a	738780.148	1009359.613	1	nT	10/16/2006	1	0	0	Cultural Debris	10/17/2006	Pass	KC
SEAD-57	H10-006	738757.366	1009261.313	20	nT	10/17/2006	21	0	0	No Contact	10/23/2006	Pass	KC
SEAD-57	H10-007	738767.621	1009296.366	15	nT	10/17/2006	15	0	0	No Contact	10/23/2006	Pass	KC
SEAD-57	H10-013	738796.887	1009327.941	9	nT	10/17/2006	9	0	0	No Contact	10/25/2006	-	
SEAD-57	H10-017	738819.078	1009335.153	24	nT	10/17/2006	24	0	0	No Contact	10/25/2006	-	
SEAD-57	H10-019	738826.984	1009318.371	10	nT	10/17/2006	11	0	0	No Contact	10/25/2006	Pass	KC
SEAD-57	H10-021	738827.122	1009300.064	23	nT	10/17/2006	22	0	0	No Contact	10/25/2006	Pass	KC
SEAD-57	H10-030	738793.004	1009280.23	14	nT	10/17/2006	14	0	0	No Contact	10/25/2006	Pass	KC
SEAD-57	H10-031	738797.026	1009268.857	18	nT	10/17/2006	17	0	0	No Contact	10/25/2006	-	
SEAD-57	H10-033	738788.981	1009252.491	7	nT	10/17/2006	8	0	0	No Contact	10/25/2006	-	
SEAD-57	H10-037	738814.917	1009277.04	12	nT	10/17/2006	13	0	0	No Contact	10/25/2006	Pass	KC
SEAD-57	H10-041	738829.203	1009266.361	29	nT	10/17/2006	28	0	0	No Contact	10/25/2006	-	
SEAD-57	H10-043	738841.13	1009267.332	16	nT	10/17/2006	16	0	0	No Contact	10/25/2006	-	
SEAD-57	H10-046	738864.986	1009268.58	22	nT	10/17/2006	23	0	0	No Contact	10/25/2006	Pass	KC
SEAD-57	H10-047	738858.883	1009277.04	7	nT	10/17/2006	8	0	0	No Contact	10/25/2006	Pass	KC
SEAD-57	H10-050	738850.978	1009283.143	27	nT	10/17/2006	28	0	0	No Contact	10/25/2006	Pass	KC
SEAD-57	H10-051	738845.153	1009282.311	15	nT	10/17/2006	14	0	0	No Contact	10/25/2006	-	
SEAD-57	H10-054	738840.853	1009304.363	37	nT	10/17/2006	37	0	0	No Contact	10/25/2006	Pass	KC
SEAD-57	H10-055	738835.028	1009308.663	15	nT	10/17/2006	15	0	0	No Contact	10/25/2006	Pass	KC
SEAD-57	H10-057	738841.269	1009312.962	16	nT	10/17/2006	16	0	0	No Contact	10/25/2006	Pass	KC
SEAD-57	H10-059	738841.269	1009321.145	27	nT	10/17/2006	27	0	0	No Contact	10/25/2006	Pass	KC
SEAD-57	H10-064	738868.869	1009303.253	10	nT	10/17/2006	10	0	0	No Contact	10/25/2006	-	
SEAD-57	H10-066	738865.124	1009318.787	17	nT	10/17/2006	18	0	0	No Contact	10/25/2006	-	
SEAD-57	H10-069	738867.066	1009349.3	33	nT	10/17/2006	33	0	0	No Contact	10/25/2006	Pass	KC
SEAD-57	H10-075	738819.078	1009363.585	39	nT	10/17/2006	39	0	0	No Contact	10/25/2006	-	
SEAD-57	H10-077	738818.939	1009371.075	9	nT	10/17/2006	9	0	0	No Contact	10/25/2006	Pass	KC
SEAD-57	H10-081	738784.959	1009365.388	24	nT	10/17/2006	24	0	0	No Contact	10/25/2006	-	
SEAD-57	H11-003	738867.015	1009385.092	31	nT	10/17/2006	31	0	0	No Contact	10/25/2006	Pass	KC
SEAD-57	H11-004	738871.184	1009379.95	33	nT	10/17/2006	33	0	40	Cultural Debris	10/25/2006	Pass	KC
SEAD-57	H11-009	738822.962	1009382.591	11	nT	10/17/2006	11	0	0	No Contact	10/25/2006	-	
SEAD-57	H11-poly01a	738749.746	1009621.763	1	nT	10/16/2006	1	0	0	Cultural Debris	10/16/2006	-	
SEAD-57	H11-poly01b	738748.867	1009430.161	1	nT	10/16/2006	1	0	0	Cultural Debris	10/16/2006	-	
SEAD-57	H11-poly01c	738756.338	1009373.471	1	nT	10/16/2006	1	0	0	Munitions Debris	10/16/2006	-	
SEAD-57	H11-poly01d	738786.221	1009374.789	1	nT	10/16/2006	1	0	0	Hot Soil	10/16/2006	-	
SEAD-57	H11-poly01e	738784.902	1009487.729	1	nT	10/16/2006	1	0	0	Cultural Debris	10/18/2006	-	
SEAD-57	H11-poly01f	738793.252	1009499.155	1	nT	10/16/2006	1	0	0	Cultural Debris	10/18/2006	-	
SEAD-57	H11-poly02a	738802.92	1009616.49	1	nT	10/16/2006	1	0	0	Munitions Debris	10/18/2006	-	
SEAD-57	H12-001	738850.222	1009600.725	9	nT	10/17/2006	9	0	0	No Contact	10/24/2006	Pass	KC
SEAD-57	H12-003	738835.997	1009613.4	24	nT	10/17/2006	24	0	0	No Contact	10/24/2006	Pass	KC
SEAD-57	H12-004	738832.195	1009607.626	59	nT	10/17/2006	59	0	0	No Contact	10/24/2006	Pass	KC
SEAD-57	H12-007	738795.859	1009620.16	14	nT	10/17/2006	14	0	0	No Contact	10/24/2006	Pass	KC
SEAD-57	H12-008	738797.69	1009613.259	6	nT	10/17/2006	7	0	0	No Contact	10/24/2006	Pass	KC
SEAD-57	H12-011	738796.14	1009584.669	15	nT	10/17/2006	15	0	0	No Contact	10/24/2006	Pass	KC
SEAD-57	H12-014	738791.915	1009566.924	12	nT	10/17/2006	12	0	0	No Contact	10/24/2006	Pass	KC
SEAD-57	H12-015	738794.028	1009525.095	199	nT	10/17/2006	198	0	0	No Contact	10/24/2006	-	
SEAD-57	H13-002	738752.058	1009629.033	11	nT	10/17/2006	11	0	0	No Contact	10/24/2006	Pass	KC
SEAD-57	H13-009	738798.112	1009643.821	8	nT	10/17/2006	8	0	0	No Contact	10/24/2006	Pass	KC
SEAD-57	H13-011	738808.112	1009664.805	44	nT	10/17/2006	44	0	0	No Contact	10/24/2006	Pass	KC
SEAD-57	H13-012	738816.139	1009675.791	12	nT	10/17/2006	12	0	0	No Contact	10/24/2006	Pass	KC

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		Depth (in)	Location Offset (in)	Type	Date	DIG RESULTS		QPOST-QC Code	DIG QC Initials
		Location (ft) Easting (X)	Northing (Y)	Amp ²	Amp Unit	Date	Amp					Item	Description		
SEAD-57	110-007	738975.2	1009296.96	14	nT	8/8/2006	14	0	0	No Contact	8/9/2006		Pass	KC	
SEAD-57	110-009	738988.89	1009286.09	23	nT	8/8/2006	23	0	0	No Contact	8/9/2006		Pass	KC	
SEAD-57	110-013	738968.85	1009259.14	13	nT	8/8/2006	13	0	0	No Contact	8/9/2006		Pass	KC	
SEAD-57	110-016	738960.67	1009288.07	6	nT	8/8/2006	6	0	0	No Contact	8/9/2006		-	-	
SEAD-57	110-019	738955.02	1009280.02	9	nT	8/8/2006	9	0	0	No Contact	8/9/2006		Pass	KC	
SEAD-57	110-029	738890.67	1009268.88	6	nT	8/8/2006	6	0	0	No Contact	8/9/2006		-	-	
SEAD-57	110-031	738891.23	1009285.53	50	nT	8/8/2006	50	0	0	No Contact	8/9/2006		Pass	KC	
SEAD-57	110-033	738880.93	1009298.51	12	nT	8/8/2006	12	0	0	No Contact	8/9/2006		-	-	
SEAD-57	110-035	738895.04	1009307.26	35	nT	8/8/2006	35	0	0	No Contact	8/9/2006		Pass	KC	
SEAD-57	110-036	738891.09	1009330.83	490	nT	8/8/2006	490	0	0	No Contact	8/9/2006		-	-	
SEAD-57	110-039	738893.49	1009343.11	74	nT	8/8/2006	74	0	0	No Contact	8/9/2006		-	-	
SEAD-57	110-040	738893.21	1009355.25	121	nT	8/8/2006	121	0	0	No Contact	8/9/2006		Pass	KC	
SEAD-57	110-041	738899.84	1009365.97	2	nT	8/8/2006	2	0	0	No Contact	8/9/2006		-	-	
SEAD-57	110-044	738921.86	1009336.9	5	nT	8/8/2006	5	0	0	No Contact	8/9/2006		Pass	KC	
SEAD-57	110-050	738977.18	1009343.11	12	nT	8/8/2006	12	0	0	No Contact	8/9/2006		-	-	
SEAD-57	110-051	738976.9	1009362.3	13	nT	8/8/2006	13	0	0	No Contact	8/9/2006		Pass	KC	
SEAD-57	110-052	738994.4	1009359.9	5	nT	8/8/2006	5	0	0	No Contact	8/9/2006		-	-	
SEAD-57	111-001	738893.07	1009382.62	26	nT	8/8/2006	26	0	0	No Contact	8/10/2006		Pass	KC	
SEAD-57	111-006	738890.95	1009406.19	14	nT	8/8/2006	14	0	0	No Contact	8/10/2006		-	-	
SEAD-57	111-007	738895.04	1009413.39	14	nT	8/8/2006	14	0	0	No Contact	8/10/2006		-	-	
SEAD-57	111-012	738890.81	1009432.44	7	nT	8/8/2006	7	0	0	No Contact	8/10/2006		-	-	
SEAD-57	111-028	738893.21	1009465.18	5	nT	8/8/2006	5	0	0	No Contact	8/10/2006		Pass	KC	
SEAD-57	111-037	738946.98	1009484.38	7	nT	8/8/2006	7	0	0	No Contact	8/10/2006		-	-	
SEAD-57	111-041	738984.94	1009439.92	11	nT	8/8/2006	11	0	0	No Contact	8/10/2006		Pass	KC	
SEAD-57	111-043	738979.01	1009388.41	49	nT	8/8/2006	49	0	0	Cultural Debris	8/10/2006	seed item	-	-	
SEAD-57	111-044	738958.97	1009383.19	13	nT	8/8/2006	13	0	0	No Contact	8/10/2006		Pass	KC	
SEAD-57	111-047	738931.45	1009415.22	10	nT	8/8/2006	10	0	0	No Contact	8/10/2006		-	-	
SEAD-57	112-012	738905.072	1009543.691	16	nT	9/6/2006	16	0	0	No Contact	9/8/2006		Pass	KC	
SEAD-57	113-003	738922.473	1009705.509	6	nT	9/6/2006	6	0	0	No Contact	9/7/2006		Pass	KC	
SEAD-57	113-009	738996.019	1009725.554	3	nT	9/6/2006	3	0	0	No Contact	9/7/2006		Pass	KC	
SEAD-57	109-003	739012.728	1009242.676	6	nT	10/16/2006	7	0	0	No Contact	10/19/2006		Pass	KC	
SEAD-57	109-009	739022.812	1009177.477	32	nT	10/16/2006	31	0	0	No Contact	10/19/2006		Pass	KC	
SEAD-57	109-011	739020.551	1009186.866	24	nT	10/16/2006	22	0	0	No Contact	10/19/2006		Pass	KC	
SEAD-57	110-001	739059.12	1009320.289	65	nT	9/6/2006	65	0	0	No Contact	9/8/2006		-	-	
SEAD-57	110-002	739048.957	1009319.856	18	nT	9/6/2006	18	0	0	No Contact	9/8/2006		-	-	
SEAD-57	110-006	739050.903	1009290.123	11	nT	9/6/2006	11	0	0	No Contact	9/8/2006		-	-	
SEAD-57	110-007	739045.93	1009306.125	36	nT	9/6/2006	36	0	0	No Contact	9/8/2006		-	-	
SEAD-57	110-009	739028.955	1009311.855	14	nT	9/6/2006	14	0	0	No Contact	9/8/2006		-	-	
SEAD-57	110-010	739020.954	1009326.668	25	nT	9/6/2006	25	0	0	No Contact	9/8/2006		-	-	
SEAD-57	110-012	739012.953	1009364.186	51	nT	9/6/2006	51	0	0	Cultural Debris	9/8/2006	seed item	-	-	
SEAD-57	110-013	739012.953	1009343.535	114	nT	9/6/2006	114	0	0	No Contact	9/8/2006		-	-	
SEAD-57	110-016	739017.061	1009305.368	11	nT	9/6/2006	11	0	0	No Contact	9/8/2006		-	-	
SEAD-57	110-018	739015.007	1009290.555	19	nT	9/6/2006	19	0	0	No Contact	9/8/2006		-	-	
SEAD-57	110-020	739009.06	1009284.717	13	nT	9/6/2006	13	0	0	No Contact	9/8/2006		-	-	
SEAD-57	110-021	739003.005	1009274.121	13	nT	9/6/2006	13	0	0	No Contact	9/8/2006		-	-	
SEAD-57	110-023	739021.062	1009267.417	38	nT	9/6/2006	38	0	0	No Contact	9/8/2006		-	-	
SEAD-57	110-024	739037.064	1009260.822	10	nT	9/6/2006	10	0	0	No Contact	9/8/2006		-	-	
SEAD-57	110-025	739037.064	1009254.767	14	nT	9/6/2006	14	0	0	No Contact	9/8/2006		-	-	
SEAD-57	110-026	739063.013	1009270.012	14	nT	9/6/2006	14	0	0	No Contact	9/8/2006		-	-	
SEAD-57	110-027	739068.959	1009268.715	9	nT	9/6/2006	9	0	0	No Contact	9/8/2006		-	-	
SEAD-57	110-028	739095.017	1009253.037	10	nT	9/6/2006	10	0	0	No Contact	9/8/2006		-	-	
SEAD-57	110-030	739123.02	1009254.551	13	nT	9/6/2006	14	0	0	No Contact	9/8/2006		-	-	
SEAD-57	110-031	739106.91	1009285.257	9	nT	9/6/2006	9	0	0	No Contact	9/8/2006		-	-	

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY				REACQUISITION		DIG RESULTS					QPOST-DIG QC	
		Location (ft)		Amp ²	Amp Unit	Date	Amp	Depth (in)	Location Offset (in)	Type	Date	Item Description	QC Code	QC Initials
		Easting (X)	Northing (Y)											
SEAD-57	P57K10-35	739196.75	1009454	126	Mv	7/13/2006	36	0	0	No Contact	10/26/2006		-	
SEAD-57	P57K10-7	739230.5	1009491.25	117	Mv	10/4/2006	119	0	0	No Contact	10/26/2006		-	
SEAD-57	P57K10-83	739199.5	1009368	65	Mv	7/13/2006	65	0	0	Cultural Debris	10/19/2006	Prior dig	-	
SEAD-57	P57M08-14	739377	1009203.25	21	Mv	7/6/2006	30	0	0	No Contact	7/7/2006		-	
SEAD-57	P57M08-47	739357.75	1009104.25	29	Mv	7/6/2006	36	0	0	No Contact	10/26/2006		-	
SEAD-57	P57M08-53	739372.75	1009026	24	Mv	7/6/2006	24	0	0	No Contact	7/7/2006		-	
SEAD-57	P57M08-71	739289.75	1009010.25	20	Mv	7/6/2006	20	0	0	No Contact	7/10/2006		-	
SEAD-57	P57M10-62	739251.7	1009251.91	319	Mv	7/10/2006	384	0	0	Cultural Debris	7/10/2006	Grid corner[rebar]	-	
SEAD-57	S57_M12_5	739256.75	1009517	40	Mv	7/10/2006	24	0	0	No Contact	10/19/2006		-	
SEAD-57	S57K12-45	739226.5	1009509	19	Mv	7/10/2006	18	0	0	No Contact	10/19/2006		-	
SEAD-57	S57K12-46	739244.75	1009506.25	43	Mv	7/10/2006	20	0	0	No Contact	10/26/2006		Pass	KC
SEAD-57	S57K12-47	739248.76	1009501.91	202	Mv	7/10/2006	170	0	0	Cultural Debris	10/19/2006	Grid corner	-	
SEAD-57	S57K12-48	739245.5	1009518.5	36	Mv	7/10/2006	19	0	0	No Contact	10/19/2006		-	
SEAD-57 Buffer	A14-019	737950.75	1009879.25	36	mV	9/28/2006	36	0	0	No Contact	10/10/2006		Pass	KC
SEAD-57 Buffer	A14-041	738056.25	1009861	31	mV	9/28/2006	31	0	0	No Contact	10/5/2006		Pass	KC
SEAD-57 Buffer	A14-059	738091	1009813.5	45	mV	9/28/2006	45	0	0	No Contact	10/25/2006		Pass	KC
SEAD-57 Buffer	A14-070	737992	1009838	117	mV	9/28/2006	117	0	0	No Contact	10/9/2006		Pass	KC
SEAD-57 Buffer	A14-107	737919.34	1009869.11	26	mV	9/28/2006	26	0	0	No Contact	10/10/2006		Pass	KC
SEAD-57 Buffer	A14-111A1	737879.998	1009866.099	634	mV	10/16/2006	634	0	0	Cultural Debris	7/20/2006	7 wire lengths of 6,7,10,12,18,36 inches found, near A flag	-	
SEAD-57 Buffer	A14-111B1	737922.015	1009859.976	634	mV	10/16/2006	634	0	0	Cultural Debris	7/20/2006	2 wire lengths of 8 and 14 inches found, near B flag	-	
SEAD-57 Buffer	A14-111C1	737922.015	1009844.714	634	mV	10/16/2006	634	0	0	Cultural Debris	7/20/2006	24" wire piece	-	
SEAD-57 Buffer	A14-111C2	737922.015	1009844.714	634	mV	10/16/2006	634	0	0	Cultural Debris	7/20/2006	Three 2" washers	-	
SEAD-57 Buffer	A14-111C3	737922.015	1009844.714	634	mV	10/16/2006	634	0	0	Cultural Debris	7/20/2006	Fense post cap	-	
SEAD-57 Buffer	A14-111C4	737922.015	1009844.714	634	mV	10/16/2006	634	0	0	Cultural Debris	7/20/2006	nailed	-	
SEAD-57 Buffer	A14-111D1	737879.904	1009848.765	634	mV	10/16/2006	634	0	0	Cultural Debris	7/20/2006	6 metal rods 36" long	-	
SEAD-57 Buffer	A14-111D2	737879.904	1009848.765	634	mV	10/16/2006	634	0	0	Cultural Debris	7/20/2006	5 wire lengths of 4,6,14,20,24 inches found, near D flag	-	
SEAD-57 Buffer	A14-111D3	737879.904	1009848.765	634	mV	10/16/2006	634	0	0	Cultural Debris	7/20/2006	Three 2" washers found near D flag	-	
SEAD-57 Buffer	A14-123	737927	1009991	23	mV	9/28/2006	23	0	0	No Contact	10/10/2006	Near a stump	Pass	KC
SEAD-57 Buffer	A14-146	738114	1009983.5	18	mV	9/28/2006	18	0	0	No Contact	10/5/2006		Pass	KC
SEAD-57 Buffer	A14-147	738102.75	1009972.5	43	mV	9/28/2006	43	0	0	No Contact	10/5/2006		Pass	KC
SEAD-57 Buffer	A16-007	737933.74	1010072.49	14	mV	9/28/2006	14	0	0	No Contact	10/9/2006	Near ditch	Pass	KC
SEAD-57 Buffer	A16-010	737955	1010067	18	mV	9/28/2006	18	0	0	No Contact	10/10/2006	Near ditch	Pass	KC
SEAD-57 Buffer	A16-016	737959.75	1010066	18	mV	9/28/2006	18	0	0	No Contact	10/10/2006	Near ditch	Pass	KC
SEAD-57 Buffer	A16-026	737991	1010047.25	17	mV	9/28/2006	17	0	0	No Contact	10/9/2006		Pass	KC
SEAD-57 Buffer	A16-028	738007	1010087.5	16	mV	9/28/2006	16	0	0	No Contact	10/9/2006	North edge of large ditch	Pass	KC
SEAD-57 Buffer	A16-029	738016	1010088	23	mV	9/28/2006	23	0	0	No Contact	10/9/2006	North edge of large ditch	Pass	KC
SEAD-57 Buffer	A16-031	738023.25	1010087.75	17	mV	9/28/2006	17	0	0	No Contact	10/9/2006	North edge of large ditch	Pass	KC
SEAD-57 Buffer	A16-032	738026.25	1010087.75	30	mV	9/28/2006	30	0	0	No Contact	10/9/2006	North edge of large ditch	Pass	KC
SEAD-57 Buffer	A16-033	738033.5	1010088.25	27	mV	9/28/2006	27	0	0	No Contact	10/9/2006	North edge of large ditch	-	
SEAD-57 Buffer	A16-034	738037.75	1010087.75	24	mV	9/28/2006	24	0	0	No Contact	10/9/2006	North edge of large ditch	Pass	KC
SEAD-57 Buffer	A16-035	738045	1010086.75	23	mV	9/28/2006	23	0	0	No Contact	10/9/2006	North edge of large ditch	Pass	KC
SEAD-57 Buffer	A16-038	738056	1010088.25	21	mV	9/28/2006	21	0	0	No Contact	10/5/2006	Northern edge of a large ditch	Pass	KC
SEAD-57 Buffer	A16-039	738060	1010087.75	31	mV	9/28/2006	31	0	0	No Contact	10/5/2006	Northern edge of a large ditch	Pass	KC
SEAD-57 Buffer	A16-040	738067.5	1010088	17	mV	9/28/2006	17	0	0	No Contact	10/5/2006	Northern edge of a large ditch	Pass	KC
SEAD-57 Buffer	A16-042	738086.5	1010071.5	17	mV	9/28/2006	17	0	0	No Contact	10/5/2006	Southern edge of a large ditch	Pass	KC
SEAD-57 Buffer	A16-043	738067.75	1010069.5	17	mV	9/28/2006	17	0	0	No Contact	10/5/2006	Southern edge of a large ditch	Pass	KC
SEAD-57 Buffer	A16-047	738056	1010040.5	17	mV	9/28/2006	17	0	0	No Contact	10/5/2006		Pass	KC
SEAD-57 Buffer	A16-049	738065.75	1010002.75	18	mV	9/28/2006	18	0	0	No Contact	10/5/2006		Pass	KC
SEAD-57 Buffer	A16-053	738120.5	1010089	17	mV	9/28/2006	17	0	0	No Contact	10/5/2006	Northern edge of a large ditch	Pass	KC
SEAD-57 Buffer	A16-054	738116.75	1010101.25	18	mV	9/28/2006	18	0	0	No Contact	10/5/2006	Northern edge of a large ditch	Pass	KC
SEAD-57 Buffer	A16-055	738102	1010088.5	19	mV	9/28/2006	19	0	0	No Contact	10/5/2006	Northern edge of a large ditch	Pass	KC
SEAD-57 Buffer	A16-056	738094.25	1010089	20	mV	9/28/2006	20	0	0	No Contact	10/5/2006	Northern edge of a large ditch	Pass	KC
SEAD-57 Buffer	A16-057	738090.25	1010088	16	mV	9/28/2006	16	0	0	No Contact	10/5/2006	Northern edge of a large ditch	Pass	KC

APPENDIX B
SEAD 57 All Dig Results
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Worksite	Anomaly ID	DGM ¹ and GPS SURVEY			REACQUISITION		Depth (in)	Location Offset (in)	Type	Date	DIG RESULTS		QPOST-DIG QC	
		Location (ft) Easting (X) Northing (Y)	Amp ²	Amp Unit	Date	Amp					Item	Description	QC Code ³	QC Initials

- 1) DGM survey coordinates were obtained from Shaw E & I Inc SEAD-46/57 Completion Report. GPS survey coordinates were produced by Parsons.
2) EM-61 Response (nV) and 858 Magnetometer (nT) readings are listed in the Amp column in DGM and GPS Survey category.
3) QC Code (-) indicates the Anomaly was not QC'ed, (Pass) indicates the Anomaly was QC'ed and was acceptable.

APPENDIX C
GEOPHYSICAL INSTRUMENT PROVEOUT

Table 2-4

Geophysical Instrument Prove-out Grid Results - Summary

Item	Easting	Northing	Description	Depth	Instrument Response (mV)	May	VALUE (nT)	July	Instrument Response (mV)	September
PAR1	743546.3	1013127	3.5" warhead	15	177.79567	YES	40.56	YES	224.238648	YES
PAR2	743543.32	1013138	fuze	12	100.031967	YES	16.85	YES	69.7258759	YES
PAR3	743537.93	1013148	75mm	31	92.3501968	YES	12.55	YES	162.561096	YES
PAR4	743531.94	1013170	3.5" motor	11	272.303619	YES	148.60	YES	408.704681	YES
PAR5	743527.54	1013194	155mm	38	525.484558	YES	215.24	YES	530.840088	YES
PAR6	743519.33	1013226	3.5" warhead	21	66.602684	YES	9.52	YES	48.5232239	YES
PAR7	743513.46	1013239	3.5" warhead	45	11.2843208	YES	*	NO	*	NO
PAR8	743509.9	1013254	slap flare (Al)	20	30.3224602	YES	*	NO	36.3955976	YES
PAR9	743515.62	1013260	fuze	7	115.634735	YES	16.64	YES	125.017563	YES
PAR10	743517.79	1013246	3.5" warhead	32	24.7626572	YES	13.77	YES	19.9981995	YES
PAR11	743531.19	1013203	75mm	18	246.675125	YES	28.59	YES	197.639618	YES
PAR13	743540.35	1013168	3.5" rocket	9	213.664093	YES	58.25	YES	158.395691	YES
PAR14	743541.56	1013154	MKII grenade	13	125.443909	YES	30.61	YES	77.7595731	YES
PAR15	743553.77	1013134	flare (Al)	12	39.1307144	YES	*	NO	48.883976	YES
PAR16	743531.71	1013216	MKII grenade	20	69.7193756	YES	19.42	YES	46.1244125	YES
PAR17	743519.91	1013261	75mm	32	42.2362785	YES	14.18	YES	51.5120392	YES
PAR18	743523.57	1013255	3.5" motor	10	233.46431	YES	19.62	YES	194.281235	YES
PAR19	743529.13	1013241	MKII grenade	10	189.837433	YES	60.50	YES	239.497955	YES
PAR20	743553.84	1013157	3.5" rocket	30	890.547974	YES	51.58	YES	1210.59851	YES
PAR21	743565.09	1013131	3.5" motor	23	44.6897774	YES	13.79	YES	42.2606697	YES
PAR23	743555.31	1013169	fuze	23	*	NO	9.81	YES	11.7348776	YES
PAR24	743550.98	1013179	flare (Al)	15	145.157104	YES	*	NO	118.320824	YES
PAR25	743550.6	1013186	75mm	35	457.981689	YES	87.26	YES	229.737305	YES
PAR27	743543.66	1013218	155mm	21	663.701416	YES	104.07	YES	577.197937	YES
PAR28	743538.29	1013231	3.5" motor	18	128.697372	YES	13.39	YES	113.995445	YES
PAR29	743534.73	1013248	75mm	18	240.945175	YES	134.25	YES	315.333344	YES

* item not picked
(Al) aluminum Item

**Geophysical Prove-Out Analysis
for
Seneca Army Depot Activity,
Romulus, NY**

Contracting Agency:
**Air Force Center for Environmental Excellence
Brooks Texas**

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ACRONYMS AND ABBREVIATIONS

CESWF	U.S. Army Corps of Engineers, Fort Worth District
DGPS	Differential Global Positioning System
DID	Data Item Description
GPS	Global Positioning System
nT	Nano Tesla
OE	Ordnance and Explosives
Milivolt	mV
PC	Personal computer
QC	Quality control
RTK	Real Time Kinematic
SOW	Statement of Work
TDMD	Time domain metal detector
UXO	Unexploded ordnance

SECTION 1 INTRODUCTION

1.1 In accordance with the work plan for the Munitions Response and CERCLA Closure project section 3.3, Parsons was required to demonstrate the ability to use the proposed geophysical equipment for the detection of buried ordnance items. A prove-out was required to demonstrate the ability of the personnel and equipment to detect buried stimulant items in similar conditions to be expected in the survey area. As stated in the work plan section 3 a geophysical proveout was required at the beginning of the project and every time new geophysical equipment was introduced to the site. During the course of this project two sets of EM61MK2 coils and one G858 magnetometer were used to collect geophysical data. Subsequently the proveout procedure was performed three times throughout the duration of this project. The first proveout was conducted on the afternoon of May 06, 2006 by a crew of two persons from Parsons. The Second was performed September 9, 2006 and the third time the proveout was performed with the G858 magnetometer on July 21, 2006. The proveout was conducted all three times over the Q (East) area proveout grid. The Q area proveout grid had been used previously by Parsons as part of the OE EE/CA conducted at the site in 2000. The grid contained several items that were buried by Parsons under supervision of USACOE at known locations and additional blind items buried by the COE, Table 1.1 lists the items that were buried during the setup of the proveout in 2000:

1.2 This report is broken into eight sections:

- Section 2 States the objectives that were set forth for the prove-out.
- Section 3 Presents the equipment used for the prove-out test.
- Section 4 Describes how the equipment was used during the prove-out.
- Section 5 Discusses the data processing performed on the data generated from the prove-out.
- Section 6 Presents the results of the geophysical data analyses.
- Section 7 Presents the Quality Control (QC) procedures performed during the prove-out.
- Section 8 Evaluation of geophysical data collection

Table 1-1 East Prove-out Grid Seed Items

ITEM	OE TYPE	DEPTH	ORIENTATIO	EASTING	NORTHIN
1	3.5" Warhead	15	V	743547.7	1013130.25
2	Fuze	12	V	743543.1	1013141.40
3	75mm	31	N-S	743542.2	1013151.81
4	3.5" Motor	11	V	743535.0	1013173.78
5	155mm	35	E-W	743531.3	1013197.59
6	3.5" Warhead	21	N-S	743520.5	1013228.63
7	3.5" Warhead	45	E-W	743516.9	1013243.14
8	Slap Flare	20	N-S	743511.8	1013256.88
9	Fuze	7	N-S	743516.1	1013263.71
10	3.5" Warhead	32	V	743519.1	1013248.79
11	75mm	18	E-W	743532.7	1013205.98
13	3.5" Motor	9	E-W	743540.9	1013171.28
14	Grenade	13	V	743542.3	1013156.61
15	Slap Flare	12	V	743555.3	1013137.26
16	Grenade	20	V	743534.2	1013219.48
17	75mm	32	E-W	743520.8	1013264.32
18	3.5" Motor	10	E-W	743524.3	1013258.56
19	Grenade	10	V	743530.1	1013244.78
20	3.5" Warhead	30	N-S	743554.2	1013160.39
21	3.5" Motor	23	E-W	743566.3	1013134.25
23	Fuze	23	E-W	743555.8	1013171.74
24	Slap Flare	15	E-W	743551.0	1013182.31
25	75mm	16	N-S	743550.9	1013188.68
27	155mm	21	N-S 30deg V	743544.7	1013221.51
28	3.5" Motor	18	N-S	743539.5	1012233.35
29	75 mm	18	V	743535.4	1013251.70

ITEM	OE TYPE	DEPTH	ORIENTATIO	EASTING	NORTHIN
COE 1	BLU-66/B	18	None	743572.8	1013211.72
COE 2	Fuze, PD, M5	12	None	743541.4	1013258.85
COE 3	Fuze, Mech.	11	NE-SW	743552.2	1013272.67
COE 4	M-69 Grenade	6	None	743564.8	1013189.73
COE 5	M-69 Grenade	6	None	743553.5	1013236.45
COE 7	40 mm HEDP	7	N-S	743566.3	1013205.14
COE 8	40 mm w/case	10	N-S	743584.9	1013159.08
COE 9	40 mm Al.	16	N-S	743572.6	1013160.72
COE 11	3.5 Motor	21	E-W	743572.8	1013220
COE 12	3.5 Motor	25	N-S	743581.4	1013140.22
COE 13	M203	18	E-W	743591.6	1013137.68
COE 14	M203	17	300 NW	743580.5	1013170.6
COE 15	12 oz. steel	11	315 NW	743573.3	1013182.21
COE 16	2 12 oz. Al.	19	0	743563.0	1013237.58
COE 17	3.5" Warhead	20	0	743576.6	1013199.74

Note: Items 12, 22, and 26 were M203 grenades that were not buried after discussion with the USAESCH geophysicist on-site.

E-W = East-West

N-S= North-South

V= Vertical

SECTION 2 OBJECTIVES

2.0 The primary objective of the geophysical prove-out was to achieve the following:

1. Demonstrate the capability and effectiveness of the Parsons EM6MK2 towed array and Geonics G858 magnetometer to locate buried simulated MEC items under anticipated conditions at the site.
2. Verify conformance of the geophysical instruments with MR-005-05A (Geophysical Prove-Out Plan) in regards to the anomaly depth detection criteria.
3. Verify the ability of parsons to collect accurate and precise geophysical data.

SECTION 3 GEOPHYSICAL SURVEY EQUIPMENT

3.1 GEOPHYSICAL INSTRUMENTS

3.1.1 Three Geonics™ EM61MKII systems were attached together using dimensional lumber with fiberglass connectors and wooden wheels. The goals in the construction of the array were the following:

- Rigid construction to reduce the motion of the coils relative to each other thereby reducing noise.
- Use material that is as strong as possible while still providing the quiet platform that is required for the collection of geophysical data.
- Use a design that is easily tow able by an off road vehicle (pickup truck or John Deer Gator), while maintaining enough distance from the tow vehicle to minimize any electronic noise from the vehicle.

3.1.2 The array was designed with a coil spacing of three feet. However, the ability to change the spacing to 2.5 feet was developed in case the system was unable to detect all the previously detected items in the "Q" area proveout grid.

3.1.3 The EM-61MK2 device generates an electromagnetic pulse that triggers eddy currents in the subsurface. The eddy current decay rate produces a secondary magnetic field that is monitored by a receiving coil. These secondary magnetic fields are received as data and stored in a data logger until it can be downloaded to a personal computer (PC) for interpretation. The EM-61MK2 coil system receives the signal in receiving coils at two separate heights above the ground surface. The upper and lower coils are separated by a height of forty centimeters giving separate measurements. For this prove out only the bottom coil was used to reduce the weight of the towed array system. The EM-61MK2 data logger collects data at automatic time intervals determined by the user (up to about twelve times per second) or at a pre-programmed distance interval measured by an attached set of wheels with all terrain tires.

3.1.3 The EM-61MK2 uses a 05.x1.0 m coils and records data from either the top coil and three different time gates from the bottom coil or four different time gates from the bottom coil. The latter mode was used for the proveout. The data stream for each sensor was streamed to the logging software over serial cables. The use of the logging software described below allows the logging of the data at rates up to 16 Hz. For this proveout, the data was logged at a rate of 12 Hz.

3.1.4 Geometrics™ G858 Magnetometer the G-858 uses two cesium vapor magnetometer sensors that are comprised of a miniature atomic absorption unit from which a signal proportional to the intensity of the ambient magnetic field is derived. The sensitivity of the instrument is 0.05nT (nano Tesla) and can be read as fast as ten times per second (10 Hertz) depending on required sensitivity. The device was operated as a gradiometer with two sensors collecting magnetic field intensity data separated by a vertical distance of approximately 1.5 feet. The difference between the two sensor readings (divided by the sensor separation) was recorded as the magnetic gradient at the measured location.

3.2 GLOBAL POSITIONING SYSTEM EQUIPMENT

3.2.1 A Trimble 5700 RTK DGPS (differential GPS) was used to position the array. A GPS antenna was placed on a tripod above the center coil and connected to the electronics located in the back of the tow vehicle. The Trimble 5700 RTK DGPS system is an integrated parallel channel GPS receiver with a built-in radio-modem communication system. A dedicated base station broadcasts real-time differential corrections to the rover units being used by the field crew. Positional data in the GGK format was output to the logging computer at 1 s. interval using a serial cable.

3.3 LOGGING SYSTEM

3.3.1 The logging system used was Geometrics Maglog™ software running on a laptop computer held by the operator. The laptop was equipped with an adaptor to provide four serial ports to log the data from the three EM-61MK22s and the RTK GPS system. The logging software provides several functions. They include:

- Streaming of raw data to hard disk. This is the first task of the software and takes priority over everything else.
- Display of results in graphical format so that the operator can have a real time analysis of the equipment functioning.

3.3.2 The logging software puts a time stamp from the computer on each data reading from every sensor. The time stamp is derived from the computer clock and so it is independent of the clocks on the EM-61MK2 and GPS electronics. This removes the requirement for synchronization of EM-61MK2 and GPS clocks and removes any effects of drift on the EM-61MK2 clocks.

3.3.3 The G858 data is stored directly in the internal memory of the instrument controller and is time stamped as it is collected in the field. This data is then downloaded directly to the processing computer at the end of the day using a RS 232 data cable to transfer the data to the computer. The data is

downloaded as station files (.stn) these files are the recorded response, the time and the X, Y location of the recorded values.

3.4 TOW VEHICLE FOR EM61MK2

The tow vehicle employed for this survey was a Ford F350 truck that is interchangeable with a John Deer Gator both vehicles have a similar noise threshold of less than 10mV

This vehicle provides:

- adequate space for all the required electronics,
- two seats so that a driver and an operator can both be in the vehicle,
- selection between 2 or 4 wheel drive,
- Electromagnetically quiet operation.

SECTION 4 GEOPHYSICAL SURVEY PROCEDURES

4.1 DATA ACQUISITION EM61MK2

4.1.1 The data was collected by towing the array of three EM61MK2 back and forth across the proveout grid until complete coverage had been obtained. During this time, the operator is solely responsible for monitoring the displays on the laptop; no other input is required from the operator once data logging has started.

4.1.2 The logging software provides a real time display of the position of the GPS antenna located above the array; however, this is difficult to navigate with because of the distance between the antenna and the tow vehicle. For this survey the tire marks of the tow vehicle and the wheel marks of the towed array platform were used as markers for the next line. The driver uses the marks on the ground from the previous line to navigate the vehicle to ensure that full coverage is obtained over the entire survey grid. The lines were spaced approximately 9 feet apart, approximately the width of the entire array.

4.1.3 At the start and end of the surveying a static test was conducted to verify the operation of the instruments. Data was recorded from the array while it was stationary. Subsequently a 2" trailer ball was placed under a coil in the array and additional data recorded. The ball was then moved to a location under the next coil and data recorded again. This was done for all three coils. This verifies that the instruments are responding to a test item, and ensures that the sensors are connected to the correct serial ports on the computer so that they can be positioned correctly.

4.1.4 Before and after data acquisition on each grid, the array was run back and forth over the latency test setup of three trailer balls all placed at know notations and surveyed in using the DGPS system. This provides a measurement of the instrument latency. The latency can then be determined by finding a correction value that result in exactly overlapping peaks over the item when the instrument is run from different directions.

4.2 DATA ACQUISITION G858

Data acquisition with the G858 magnetometer is quite different than the EM-61Mk2 towed array. The survey instrument is hand carried from one end of the prove-out grid to the other rather than towed by a vehicle. Also the data is collected on 2.5 foot lanes rather than the three foot lanes the Em61MK2 data is collected on. For this survey the instrument was set up with a 24 inch distance between sensors and a bottom sensor height of 18 inches off the ground. This setup has proven effective on previous surveys of the proveout grid and has been determined to give the best resolution and survey efficiency for the conditions. As the operator walks the instrument from south to north data is

SECTION 5 DATA DOWNLOADING AND PROCESSING

5.1 DATA DOWNLOADING

5.1.1 Maglog creates a separate data file for each sensor (3 EM-61MK2 files and 1 GPS file), plus additional files that provide information on the individual lines within the data file as well as on the instruments that were used to collect each file. These files were transferred from the field laptop computer to the processing computer using a flash memory card.

5.1.2 The G858 data is transferred directly from the internal data logger to the field laptop where corrections in heading and line numbering can be made using the Magmap2000™ program. Once the data has been corrected for position and distance the Magmap2000™ program can export the data in the .XYZ format that is acceptable to Geosoft™.

5.2 DATA PROCESSING

5.2.1 Three data sets were collected during the field effort for this prove-out. All of the data from both the Em and Magnetics surveys were imported into Geometrics *Magmapper2000*™ software for pre-processing. Magmapper reads in all the data and displays the track of the GPS antenna and profile plots of the selected channels from the EM-61MK2 sensors. The offsets to the center of each coil from the GPS antenna are entered into Magmapper and then the data is exported into Geosoft XYZ format. Three XYZ files are created by Magmapper, one for each sensor in the array. Each XYZ file contains the data for each channel recorded by the respective sensor, as well as the position of the sensor based on the location of the GPS antenna and the offsets entered for that unit. The data processor uses Magmapper to correct the direction and heading of the lines of data collected with the magnetometer. Once the correct direction and heading for each line is confirmed the processor can assign the northing and easting locations of the start and end position of the line and the program will convert the station file into the northing and easting format. The program will then output the .XYZ file that has the instrument response and the corrected northing and easting locations of the instrument.

5.2.2 All data sets were processed using Geosoft's *Oasis Montage*™ software. Individual Geosoft databases were created for each proveout grid surveyed.

5.2.3 The EM-61MK2 data were processed with the following procedures:

- Conversion from WG84 latitude and longitude to NAD 83 New York Central state plane coordinates.

- Latency correction using the values derived from the lag bar tests conducted before and after each survey. Typically a .35 s. latency correction was used.
- Drift Correction by subtraction of the median value from each data point in the four time gate channels. The median was calculated using a 150 point rolling statistics filter. The four leveled time gate channels were added together to produce a total channel (ch1+ch2+ch3+ch4= total channel)
- Gridding using .5 grid node spacing and a blanking distance of 2-ft.

5.3.3 The Geometrics G858 data was processed with the following procedures:

- Conversion from WG84 latitude and longitude to NAD 83 New York Central state plane coordinates.
- Latency correction using the values derived from the lag tests conducted before and after each survey. Typically a .35 s. latency correction was used.
- Gridding using .5 grid node spacing and a blanking distance of 2-ft.

SECTION 6 RESULTS

6.1 DATA RESULTS

6.1.1 The geophysical data for the surveyed grids for each proveout area are displayed on a map. Maps with the grids displayed are shown in Figures 6.1 through 6.3 in Appendix A for the East grids respectively. The known locations for the items buried in the East proveout grid are also shown in Table 1-1. The original locations, determined during the January, 2000 OE EE/CA Geophysical Proveout (Report on Geophysical Equipment Test Prove-Out, Parsons, June, 2000), were obtained by pulling tapes from corner locations surveyed in using a Trimble ProXRS with sub-meter accuracy. The locations plotted on Figure 6.1, 6.2 and 6.3 were calculated using the more accurate corner locations. Because the original corner distances for the COE buried items were not available, an approximate shift in position was obtained using the difference between the original and improved corner locations. For this reason this geophysical prove out will focus on the Parsons buried items that have known locations however the COE items will be displayed on the figures to show the items were detected.

Table 6-1

May 06, 2006 - East Prove-Out Grid Results - Em61MKII

Item	Easting	Northing	Description	Depth	Item ID	Picked Easting	Picked Northing	Instrument Response (mV)	Target ID	Pick Target Distance (ft)
PAR1	743546.3	1013127.08	3.5" warhead	15	PAR 01	743547.5	1013128	224.23865	1	1.3
PAR2	743543.32	1013138.41	fuze	12	PAR 02	743541.8	1013139	69.725876	7	1.6
PAR3	743537.93	1013147.71	75mm	31	PAR 03	743541.3	1013150	162.5611	11	3.9
PAR4	743531.94	1013170.11	3.5" motor	11	PAR 04	743533.8	1013171	408.70468	20	1.9
PAR5	743527.54	1013194.01	155mm	38	PAR 05	743529.8	1013196	530.84009	27	2.7
PAR6	743519.33	1013226	3.5" warhead	21	PAR 06	743519.5	1013226	48.523224	36	0.3
PAR7	743513.46	1013239.37	3.5" warhead	45	*	*	*	*	*	*
PAR8	743509.9	1013253.8	slap flare	20	PAR 08	743510.4	1013254	36.395598	51	0.5
PAR9	743515.62	1013260.46	fuze	7	PAR 09	743515.8	1013261	125.01756	48	0.6
PAR10	743517.79	1013245.59	3.5" warhead	32	PAR 10	743517	1013246	19.998199	43	0.8
PAR11	743531.19	1013202.72	75mm	18	PAR 11	743531	1013203	197.63962	30	0.2
PAR13	743540.35	1013168.37	3.5" rocket	9	PAR 13	743539.3	1013169	158.39569	18	1.1
PAR14	743541.56	1013153.62	MKII grenade	13	PAR 14	743541.6	1013153	77.759573	52	0.9
PAR15	743553.77	1013134.27	flare	12	PAR 15	743553.8	1013134	48.883976	4	0.3
PAR16	743531.71	1013215.78	MKII grenade	20	PAR 16	743532	1013217	46.124413	32	1.0
PAR17	743519.91	1013261.41	75mm	32	PAR 17	743521.3	1013263	51.512039	49	1.7
PAR18	743523.57	1013255.04	3.5" motor	10	PAR 18	743523.3	1013255	194.28123	45	0.4
PAR19	743529.13	1013241.34	MKII grenade	10	PAR 19	743529.8	1013242	239.49796	42	0.7
PAR20	743553.84	1013157	3.5" rocket	30	PAR 20	743554.8	1013157	1210.5985	13	0.9
PAR21	743565.09	1013131.19	3.5" motor	23	PAR 21	743563.3	1013131	42.26067	2	1.9
PAR23	743555.31	1013168.52	fuze	23	PAR 23	743556.5	1013169	11.734878	19	1.3
PAR24	743550.98	1013179.49	flare	15	PAR 24	743550	1013179	118.32082	21	1.1
PAR25	743550.6	1013186.09	75mm	35	PAR 25	743551	1013186	229.7373	25	0.4
PAR27	743543.66	1013218.15	155mm	21	PAR 27	743544.5	1013218	577.19794	35	0.8
PAR28	743538.29	1013230.63	3.5" motor	18	PAR 28	743537.8	1013233	113.99545	39	2.7
PAR29	743534.73	1013248.23	75mm	18	PAR 29	743534.3	1013248	315.33334	44	0.5
* Item not picked									Average Distance	1.2

Table 6-2

July 09, 2006 - East Prove-Out Grid Results - Magnetometer

Item	Easting	Northing	Item	depth	in	ID	Northing	Easting	VALUE (nT)	Pick Distance (ft.)
PAR1	743546	1013127.1	3.5" warhead	15		PAR 01	1013126	743548	40.56	2.4
PAR2	743543	1013138.4	fuze	12		PAR 02	1013138	743542	16.85	0.9
PAR3	743538	1013147.7	75mm	31		PAR 03	1013147	743541	12.55	3.3
PAR4	743532	1013170.1	3.5" motor	11		PAR 04	1013171	743533	148.60	1.7
PAR5	743528	1013194	155mm	38		PAR 05	1013194	743530	215.24	2.5
PAR6	743519	1013226	3.5" warhead	21		PAR 06	1013226	743519	9.52	0.2
PAR7	743513	1013239.4	3.5" warhead	45		*	*	*	*	*
PAR8	743510	1013253.8	slap flare (Al)	20		*	*	*	*	*
PAR9	743516	1013260.5	fuze	7		PAR 09	1013261	743516	16.64	0.6
PAR10	743518	1013245.6	3.5" warhead	32		PAR 10	1013244	743518	13.77	2.0
PAR11	743531	1013202.7	75mm	18		PAR 11	1013203	743531	28.59	0.3
PAR13	743540	1013168.4	3.5" rocket	9		PAR 13	1013167	743543	58.25	2.6
PAR14	743542	1013153.6	MKII grenade	13		PAR 14	1013152	743541	30.61	1.3
PAR15	743554	1013134.3	flare (Al)	12		*	*	*	*	*
PAR16	743532	1013215.8	MKII grenade	20		PAR 16	1013217	743532	19.42	1.3
PAR17	743520	1013261.4	75mm	32		PAR 17	1013261	743521	14.18	0.8
PAR18	743524	1013255	3.5" motor	10		PAR 18	1013255	743523	19.62	1.0
PAR19	743529	1013241.3	MKII grenade	10		PAR 19	1013240	743529	60.50	0.9
PAR20	743554	1013157	3.5" rocket	30		PAR 20	1013157	743554	51.58	0.3
PAR21	743565	1013131.2	3.5" motor	23		PAR 21	1013130	743564	13.79	1.5
PAR23	743555	1013168.5	fuze	23		PAR 23	1013169	743555	9.81	0.8
PAR24	743551	1013179.5	flare (Al)	15		*	*	*	*	*
PAR25	743551	1013186.1	75mm	35		PAR 25	1013186	743551	87.26	0.6
PAR27	743544	1013218.2	155mm	21		PAR 27	1013218	743544	104.07	0.2
PAR28	743538	1013230.6	3.5" motor	18		PAR 28	1013231	743539	13.39	0.6
PAR29	743535	1013248.2	75mm	18		PAR 29	1013249	743534	134.25	0.5
* Item not detected									Average Distance	1.2

Table 6-3

September 09, 2006 East Prove-out Grid Results - Em61MKII

Item	Easting	Northing	Description	Depth	Item ID	Picked Easting	Picked Northing	Instrument Response (mV)	Target ID	Pick Target Distance (ft)
PAR1	743546.3	1013127.1	3.5" warhead	15	PAR 01	743546.5	1013126.5	177.79567	1	0.6
PAR2	743543.32	1013138.4	fuze	12	PAR 02	743541.75	1013138.25	100.03197	8	1.6
PAR3	743537.93	1013147.7	75mm	31	PAR 03	743542	1013148.25	92.350197	11	4.1
PAR4	743531.94	1013170.1	3.5" motor	11	PAR 04	743532	1013169.5	272.30362	22	0.6
PAR5	743527.54	1013194	155mm	38	PAR 05	743529	1013195	525.48456	29	1.8
PAR6	743519.33	1013226	3.5" warhead	21	PAR 06	743518.25	1013225.5	66.602684	39	1.2
PAR7	743513.46	1013239.4	3.5" warhead	45	PAR 07	743515.25	1013240.25	11.284321	43	2.0
PAR8	743509.9	1013253.8	slap flare	20	PAR 08	743511.5	1013254.75	30.32246	52	1.9
PAR9	743515.62	1013260.5	fuze	7	PAR 09	743516	1013261	115.63474	57	0.7
PAR10	743517.79	1013245.6	3.5" warhead	32	PAR 10	743518.25	1013245.75	24.762657	47	0.5
PAR11	743531.19	1013202.7	75mm	18	PAR 11	743531	1013202.5	246.67513	33	0.3
PAR13	743540.35	1013168.4	3.5" rocket	9	PAR 13	743540	1013168.25	213.66409	19	0.4
PAR14	743541.56	1013153.6	MKII grenade	13	PAR 14	743542.25	1013153.5	125.44391	12	0.7
PAR15	743553.77	1013134.3	flare	12	PAR 15	743556	1013134.5	39.130714	6	2.2
PAR16	743531.71	1013215.8	MKII grenade	20	PAR 16	743533	1013216.25	69.719376	36	1.4
PAR17	743519.91	1013261.4	75mm	32	PAR 17	743520	1013261.25	42.236279	58	0.2
PAR18	743523.57	1013255	3.5" motor	10	PAR 18	743524.5	1013254.75	233.46431	53	1.0
PAR19	743529.13	1013241.3	MKII grenade	10	PAR 19	743530	1013242	189.83743	45	1.1
PAR20	743553.84	1013157	3.5" rocket	30	PAR 20	743554.25	1013157.25	890.54797	14	0.5
PAR21	743565.09	1013131.2	3.5" motor	23	PAR 21	743565	1013130.75	44.689777	3	0.4
PAR23	743555.31	1013168.5	fuze	23	*	*	*	*	*	*
PAR24	743550.98	1013179.5	flare	15	PAR 24	743550.75	1013179.25	145.1571	24	0.3
PAR25	743550.6	1013186.1	75mm	35	PAR 25	743550	1013186	457.98169	27	0.6
PAR27	743543.66	1013218.2	155mm	21	PAR 27	743543.5	1013217.75	663.70142	38	0.4
PAR28	743538.29	1013230.6	3.5" motor	18	PAR 28	743536.75	1013232.75	128.69737	41	2.6
PAR29	743534.73	1013248.2	75mm	18	PAR 29	743535	1013249.25	240.94518	49	1.1
* item not picked									Average Distance	1.1

SECTION 7 QUALITY CONTROL

7.1 INTRODUCTION

7.1.1 Quality control for the Seneca Army Depot Activity geophysical prove-out data was maintained by performing three types of QC procedures: 1) static tests, 2) instrument latency tests over the latency test area and 3) positional quality checks over known item locations.

7.2 STATIC TESTS

7.2.1 Static tests for the EM-61MK2 towed array were performed by holding the array stationary and recording data with and without a test item under each coil. This resulted in four separate tests conducted before and after surveying operations each day. The test object consisted of a metal 2-inch trailer hitch ball and data were collected for approximately 3 minutes in each instance. The static test at the beginning of the day showed on the order of ± 0.5 mv of noise.

7.2.2 Static tests for the G858 magnetometer were conducted by placing the instrument on a wooden test stand that held the instrument steady and at the at the correct height and recording data with and without a test item under each sensor. The test object consisted of a metal 2-inch trailer hitch ball and data were collected for approximately 3 minutes in each instance. The static test at the beginning of the day showed on the order of $\pm 1nT$ of noise.

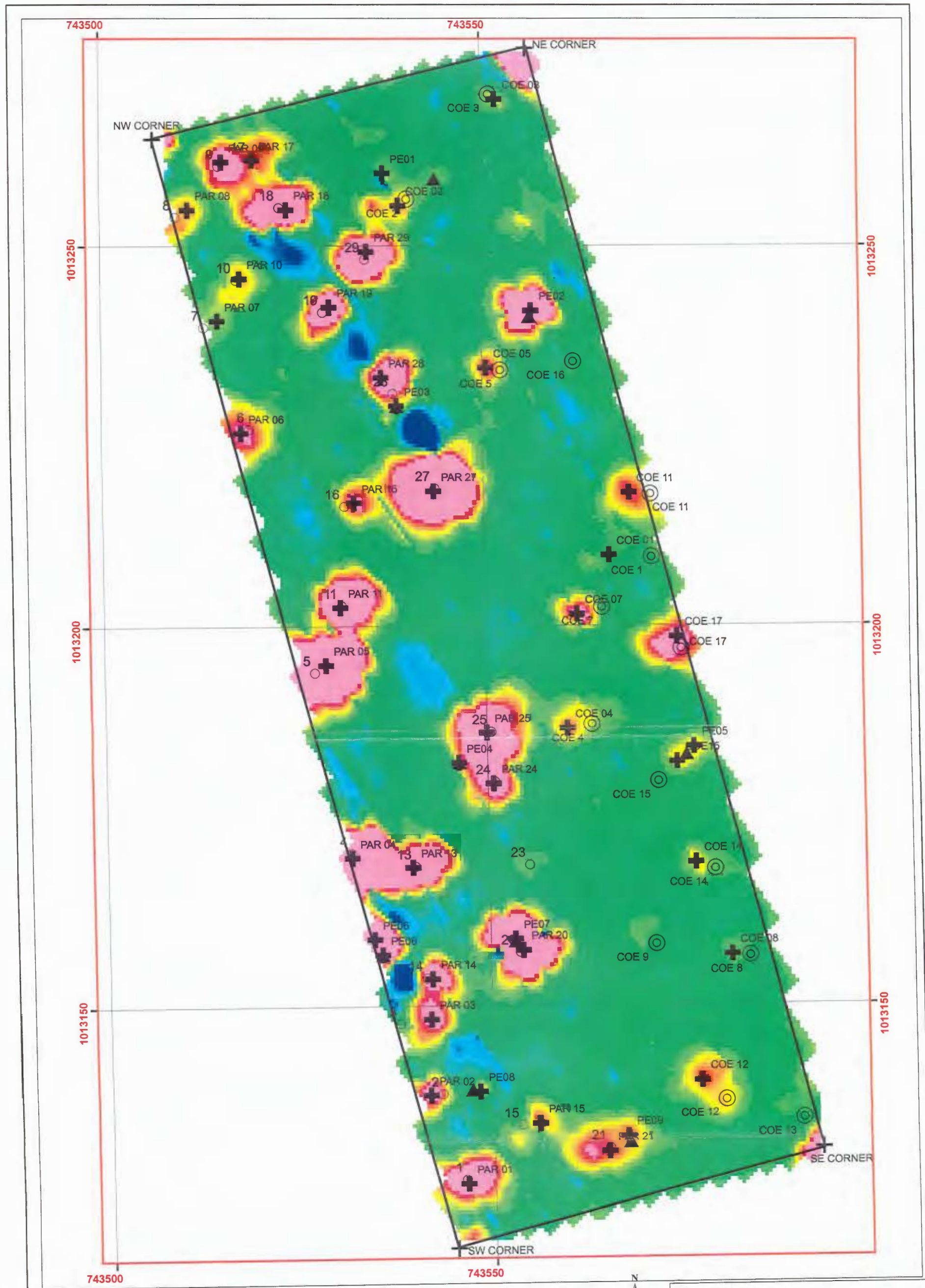
7.3 INSTRUMENT LATENCY CHECK

7.3.1 A latency test was conducted before and after data acquisition on each grid. The test was conducted by acquiring data while traveling at right angles over the three items previously established latency correction area. An instrument latency correction was applied using the DOD QA/QC module in Oasis Montaj. Use of the correct latency correction results in overlapping peaks when traveling in opposite directions.

7.3.2 A latency test was performed with the G858 magnetometer by placing the test item at the fiducial line on line 0 of the survey area. The line than had two lines of data collected over the area both north and south on this line. When the data was processed the difference between the instrument reading and the marked fiducial line would be equal to the latency correction for the data processing.

7.4 POSITIONAL CHECK

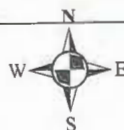
7.4.1 A positional check was conducted by comparing the locations of the anomalies picked in the East proveout grid data with the known locations of the OE simulants buried in the grid. This analysis showed positional errors of approximately 1.1 to 1.2 ft, which is expected based on the width of the EM-61MK2MKII coil and the sensor coverage of the G858 sensor.



Munitions Response Summary

- Actual Location and ID of Seed item
- ⊕ Picked Location of Seed item
- ⊙ COE Location of Seed Item placed in 2000
- ▲ Anomaly locations starting with PE are pre existing anomalies identified in the baseline survey before the seed items were placed.

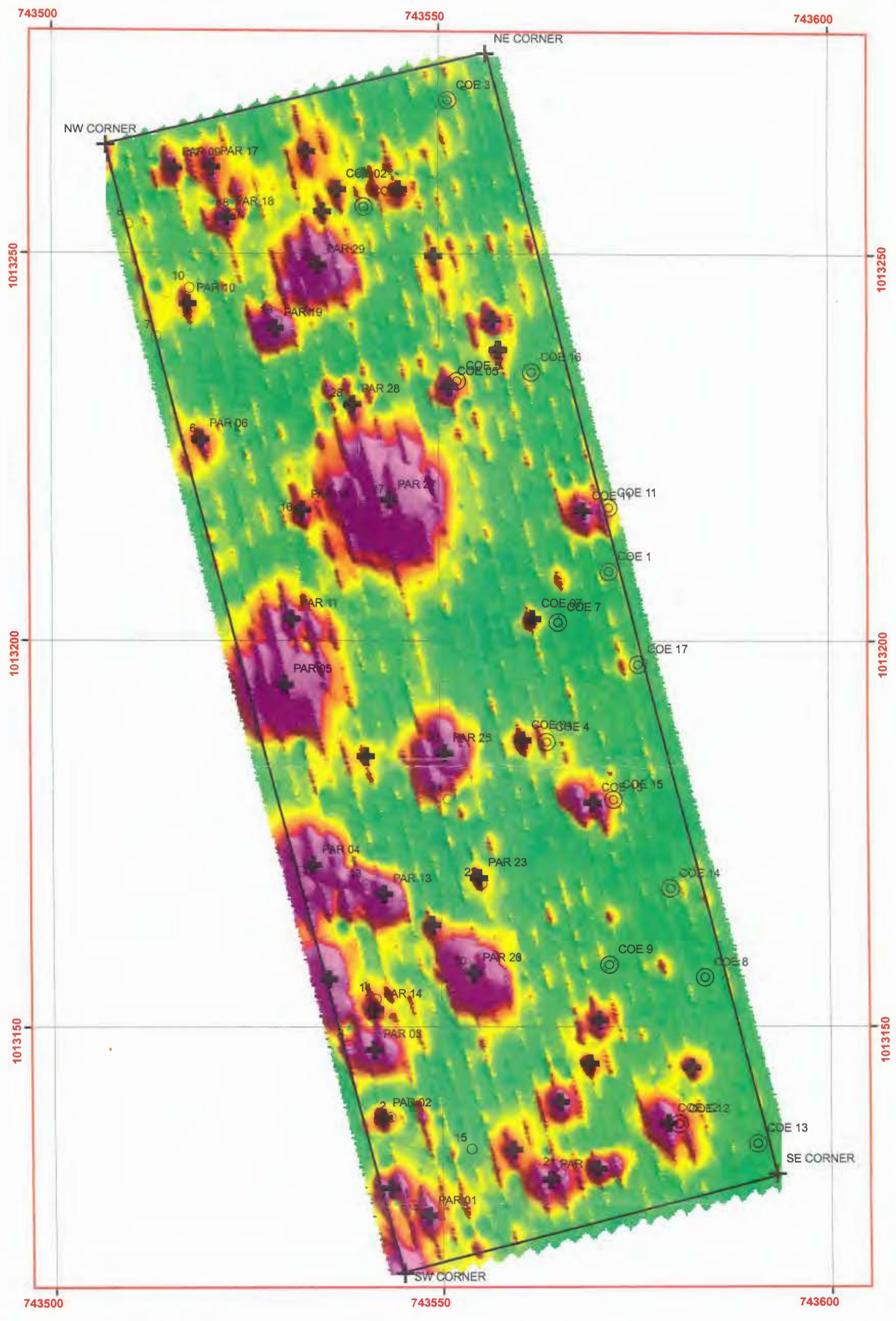
997750+ Grid Coordinates
748750 (New York State Plane, Central)



PARSONS



DESIGNED BY: BJM	Seneca Army Depot East GPO May 2006	
DRAWN BY: BJM	Print Date March 31 2006	PN Figure 3-1
CHECKED BY:	Aerial Photograph 1989 - 2 ft resolution	PROJECT NUMBER: 745054-03300
SUBMITTED BY: BJM	FILE: O:Seneca/MR/Parsons/557	SCALE: 1:150



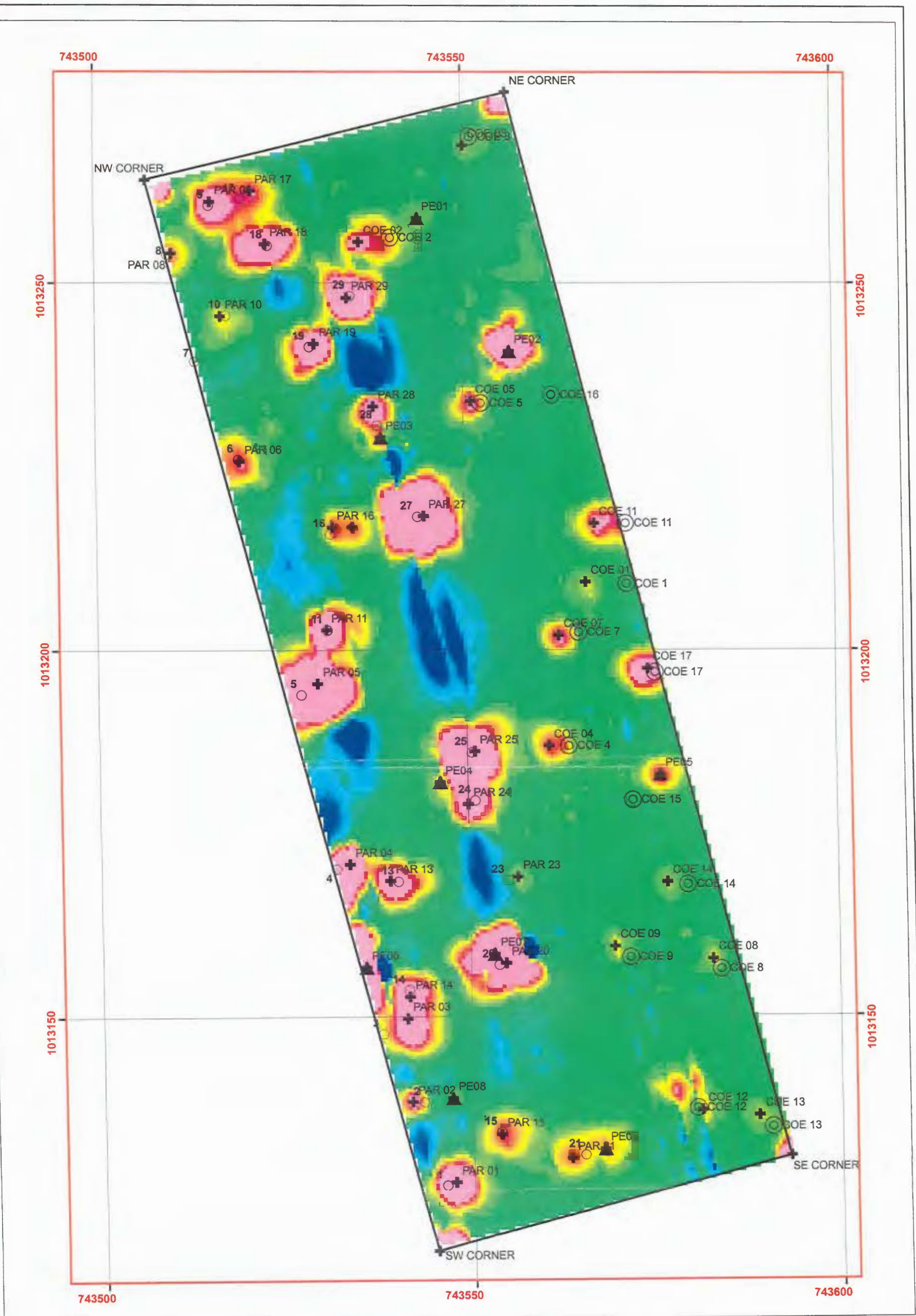
Munitions Response Summary

- Actual Location and ID of Seed item
- ⊕ Picked Location of Seed item

997750+ Grid Coordinates
748750 (New York State Plane, Central)



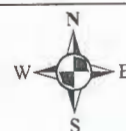
DESIGNED BY: BJM	Seneca Army Depot East GPO July 2006 MAGNETOMETER	
DRAWN BY: BJM		
CHECKED BY:	Print Date: March 31 2006	FN Figure 4-3
SUBMITTED BY: BJM	Aerial Photograph 1989 - 2 ft resolution	PROJECT NUMBER 745054-03300
	FILE: O:Seneca\MR\Parsons\557	SCALE: 1:160



Munitions Response Summary

- Actual Location and ID of PARSONS Placed Seed item
- ⊕ Picked Location of Seed item in May 6 data
- ⊙ COE Location of Seed item placed in 2000
- ▲ Anomaly locations starting in PE are pre existing anomalies identified before the seed items were placed.

997750+ Grid Coordinates
748750 (New York State Plane, Central)



PARSONS



DESIGNED BY:
BJM
DRAWN BY:
BJM
CHECKED BY:
SUBMITTED BY:
BJM

Seneca Army Depot
East GPO May 6, 2006

Print Date: March 31 2006	FN Figure 6-1
Aerial Photograph 1989 - 2 ft resolution	PROJECT NUMBER 745054-03300
FILE: O:\Seneca\MR\Parsons\557	SCALE: 1:162,418

SECTION 8 CONCLUSIONS

8.1 Buried simulated UXO items were detected using the EM-61MK2 towed array and G85 magnetometer conducted by Parsons at the east proveout grid located in the Q area at the Seneca Army Depot.

8.2 The results of this study show that the both instruments were capable of acquiring data with a low background noise level and high positional accuracy in accordance with MR-005-05A.

8.3 Based on these results The current configuration of the three EM 61MK2's used in the proveout of the east proveout grid on May 6 and September 9 are capable of detecting buried stimulant items consistent with the conditions expected at Seneca Army Depot. The current configuration of the G858 Magnetometer operated in vertical gradient mode is capable of detecting buried stimulant items consistent with the conditions and density expected at Seneca Army Depot.

8.4 There were some small differences between the instruments and the items they were able to detect. The magnetometer missed the three slap flares (PAR8, PAR15 and PAR24), and a 3.5-inch warhead (PAR7) that were detected in the May and September surveys with the EM-61MK2. The EM-61MK2 survey in May missed the same 3.5-inch warhead at 45 inches that was missed by the magnetometer. The September EM-61MK2 survey detected the 3.5-inch rocket warhead (PAR23) at 45 inches but did not detect the mechanical flare at 23 inches (PAR7). Both of these items were detected just above the background noise threshold of 10mV for the towed array survey. These results are identical to the results of the baseline geophysical survey of the prove-out grid in the 2000 OE EE/CA (Report on Geophysical Equipment Test Prove-Out, Parsons, June, 2000) where the EM61 was not able to detect the mechanical fuse (PAR7) or the 3.5-inch warhead (PAR23) and the magnetometer was not able to detect the 3.5-inch warhead or the flare simulants. The three flare simulants in the magnetometer survey were constructed out of non-ferrous aluminum, a metal that is virtually undetectable to the instrument due to the lack of a strong magnetic field needed for the 858 to detect items.

8.5 Both instruments were able to detect the buried OE simulants on the Parsons side of the grid to and beyond the depths specified in USAESCH Data Item Description (DID) MR-005-05A, which defines geophysical investigation performance goals. The one item missed by both instruments, a 3.5" rocket warhead was buried below the detection limit for both of the instruments, as was the fuze missed by the EM-61.

References

DID OE-005-05 Geophysical Prove-Out Plan

January, 2000 OE EE/CA Geophysical Proveout (Report on Geophysical Equipment Test Prove-Out, Parsons, June, 2000)

MR-005-05A Geophysical Investigation Plan

APPENDIX D
MATERIAL DISPOSITION RECORDS

D FORM 1348-1A, JUL 91 (EQ) ISSUE RELEASE/RECEIPT DOCUMENT

DD FORM 1348-1A, JUL 91 (EQ) ISSUE RELEASE/RECEIPT DOCUMENT

27. ADDITIONAL DATA

26. RIC (4-6)
UI (23-24)
QTY (25-29)
CON CODE (71)
DST (66-66)
UP (74-80)

25. NATIONAL STOCK NO. & ADD (9-22)

*All Shell
SixXOS Palsons*

24. DOCUMENT NUMBER & SUFFIX (30-44)

ALL 55 gal Drum containing Nutrition Debris: Weight 835 lbs of Ferraris Seal # 441603

This certifies that the material listed has been 100 percent property inspected and, to the best of our knowledge and belief, are free of explosive hazards, engine fluids, illuminating fluids and other viable liquid HTWR materials.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
DR	OR	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM

4. DOC DATE & INFC		7. FRM RATE		8. TYPE CARNO		8. PG	
9. QTY. WGT		12. UNIT WGT		13. UNIT CLAS		14. UFG	
11. PRESINT CLASSIFICATION NOMENCLATURE		12. UNIT WGT		13. UNIT CLAS		14. UFG	
17. FROM NOMENCLATURE		7. FRM RATE		8. TYPE CARNO		8. PG	
18. TV COUNT		18. NO COUNT		20. TOTAL WEIGHT		21. TOTAL CASE	
22. RECEIVED BY		22. DATE RECEIVED		23. DATE RECEIVED			

PREVIOUS EDITION MAY BE USED

ormFlow (DLA)

27. ADDITIONAL DATA

26. RIC (4-6)
UI (23-24)
QTY (25-29)
CON CODE (71)
DST (66-66)
UP (74-80)

25. NATIONAL STOCK NO. & ADD (9-22)

*All Shell
SixXOS Palsons*

24. DOCUMENT NUMBER & SUFFIX (30-44)

*ONE 55gal Drum containing Nutrition Debris - Ferraris
Weight: 434 lbs
Seal # 11839*

This certifies that the material listed has been 100 percent property inspected and, to the best of our knowledge and belief, are free of explosive hazards, engine fluids, illuminating fluids and other viable liquid HTWR materials.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
DR	OR	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM	FR	FM

4. DOC DATE & INFC		7. FRM RATE		8. TYPE CARNO		8. PG	
9. QTY. WGT		12. UNIT WGT		13. UNIT CLAS		14. UFG	
11. PRESINT CLASSIFICATION NOMENCLATURE		12. UNIT WGT		13. UNIT CLAS		14. UFG	
17. FROM NOMENCLATURE		7. FRM RATE		8. TYPE CARNO		8. PG	
18. TV COUNT		18. NO COUNT		20. TOTAL WEIGHT		21. TOTAL CASE	
22. RECEIVED BY		22. DATE RECEIVED		23. DATE RECEIVED			

FormFlow (DLA)

PREVIOUS EDITION MAY BE USED

DD FORM 1349-1A, JUL 91 (EG) ISSUE RELEASE/RECEIPT DOCUMENT

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
COG	FR	QUANTITY																												UNIT PRICE		DOLLARS		CTS		2. SHIP FROM		3. SHIP TO																					
ZINC	FROM	1ea																												DOLLARS		CTS		4. MARK FOR																									

24. DOCUMENT NUMBER & SUFFIX (30-4)

ONE 55gal DRUM CONTAINING MUNITIONS Debris - FERROUS
Weight: 585 Lbs
Seal # 16833

25. NATIONAL STOCK NO. & SUFFIX (30-4) ADD (3-22)

26. RIC (4-4) LI (23-34) QTY (25-29) CON CODE (7-1) DIST (64-66) UP (74-80)

27. ADDITIONAL DATA

"This certifies that the material listed has been 100 percent properly inspected and, to the best of our knowledge and belief, are free of explosive hazards, engine fluids, illuminating dials and other visible liquid HTWR materials."

AD PHILL
SURO'S PARSONS

1. TOTAL PRICE		2. SHIP FROM		3. SHIP TO	
UNIT PRICE					
DOLLARS					
CTS					
4. MARK FOR					
5. DOC DATE		6. NMPC		7. FRT RATE	
				8. TYPE CARGO	
				9. PS	
10. QTY. RECD		11. LUP		12. UNIT WEIGHT	
				13. UNIT CUBE	
				14. UPC	
				15. SL	
16. FREIGHT CLASSIFICATION NOMENCLATURE					
17. ITEM NOMENCLATURE					
18. TY CONT		19. NO CONT		20. TOTAL WEIGHT	
22. RECEIVED BY				23. DATE RECEIVED	

PREVIOUS EDITION MAY BE USED

FormFlow (DUA)

DD FORM 1349-1A, JUL 91 (EG) ISSUE RELEASE/RECEIPT DOCUMENT

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
COG	FR	QUANTITY																												UNIT PRICE		DOLLARS		CTS		2. SHIP FROM		3. SHIP TO																					
ZINC	FROM	1ea																												DOLLARS		CTS		4. MARK FOR																									

24. DOCUMENT NUMBER & SUFFIX (30-4)

ONE 55gal DRUM CONTAINING MUNITIONS Debris - FERROUS
Weight: 537 Lbs
Seal # 4416006

25. NATIONAL STOCK NO. & SUFFIX (30-4) ADD (3-22)

26. RIC (4-4) LI (23-34) QTY (25-29) CON CODE (7-1) DIST (64-66) UP (74-80)

27. ADDITIONAL DATA

"This certifies that the material listed has been 100 percent properly inspected and, to the best of our knowledge and belief, are free of explosive hazards, engine fluids, illuminating dials and other visible liquid HTWR materials."

AD PHILL
SURO'S PARSONS

1. TOTAL PRICE		2. SHIP FROM		3. SHIP TO	
UNIT PRICE					
DOLLARS					
CTS					
4. MARK FOR					
5. DOC DATE		6. NMPC		7. FRT RATE	
				8. TYPE CARGO	
				9. PS	
10. QTY. RECD		11. LUP		12. UNIT WEIGHT	
				13. UNIT CUBE	
				14. UPC	
				15. SL	
16. FREIGHT CLASSIFICATION NOMENCLATURE					
17. ITEM NOMENCLATURE					
18. TY CONT		19. NO CONT		20. TOTAL WEIGHT	
22. RECEIVED BY				23. DATE RECEIVED	

PREVIOUS EDITION MAY BE USED

FormFlow (DUA)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35

1. TOTAL PRICE	2. SHIP FROM	3. SHIP TO
UNIT PRICE	4. SHIP FROM	5. SHIP TO
DOLLARS		

24. DOCUMENT NUMBER & SUFFIX (30-44)
 one 55gal drum containing
 Munition Debris - Aluminum
 Weight: 499 lbs
 Seal # 4411009

25. NATIONAL STOCK NO. & ADD (8-22)
 This certifies that the material listed has been 100 percent properly inspected and, to the best of our knowledge and belief, are free of explosive hazards, engine fluids, illuminating fluids and other volatile liquid HTWR materials.

AG Pratt
 SAROS Parsons

26. RIC (4-6)
 LI (23-24)
 QTY (25-29)
 CON CODE (7-1)
 DIST (55-66)
 UP (74-80)

27. ADDITIONAL DATA

DD FORM 1348-1A	QUANTITY	UNIT PRICE	DOLLARS	CTBS
1	1 ea			

6. DOC DATE	6. AMRC	7. FMT PRICE	8. TYPE CARGO	8. PG
9. QTY. INECO	11. UP	12. UNIT WEIGHT	13. UNIT CLASS	14. UFG
15. BL.				

17. ITEM NOMENCLATURE	18. TY COUNT	19. NO COUNT	20. TOTAL WEIGHT	21. TOTAL CLASS

24. DOCUMENT NUMBER & SUFFIX (30-44)
 one 55gal drum containing
 Munition Debris - Aluminum
 Weight 499 lbs
 Seal # 4411009

25. NATIONAL STOCK NO. & ADD (8-22)
 This certifies that the material listed has been 100 percent properly inspected and, to the best of our knowledge and belief, are free of explosive hazards, engine fluids, illuminating fluids and other volatile liquid HTWR materials.

AG Pratt
 SAROS Parsons

26. RIC (4-6)
 LI (23-24)
 QTY (25-29)
 CON CODE (7-1)
 DIST (55-66)
 UP (74-80)

27. ADDITIONAL DATA

1. TOTAL PRICE	2. SHIP FROM	3. SHIP TO
UNIT PRICE	4. SHIP FROM	5. SHIP TO
DOLLARS		

DD FORM 1348-1A, JUL 91 (EO) ISSUE RELEASE/RECEIPT DOCUMENT

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
QUANTITY <i>1 ea</i>										SHIP FROM										SHIP TO																																																											
UNIT PRICE										DOLLARS										CTS																																																											
DOLLARS										CTS										4. MARK FOR																																																											
5. DOC DATE										8. NMFC										7. FRT RATE										6. TYPE CARGO										9. FS																																							
10. QTY. RECD										11. U/P										12. UNIT WEIGHT										13. UNIT CUBE										14. UPC										15. BL																													
16. FREIGHT CLASSIFICATION NOMENCLATURE																																																																															
17. ITEM NOMENCLATURE																																																																															
18. TY CONT										19. NO CONT										20. TOTAL WEIGHT										21. TOTAL CUBE																																																	
22. RECEIVED BY																																								23. DATE RECEIVED																																							

*ONE 55GAL DRUM CONTAINING
MUNITION DEBRIS FULCRONS
WEIGHT 454 LBS
SEAL 14832*

"This certifies that the material listed has been 100 percent properly inspected and, to the best of our knowledge and belief, are free of explosive hazards, engine fluids, illuminating dials and other visible liquid HTWR materials."

*AD SMALL
SURVIVOR PERSONNEL*

27. ADDITIONAL DATA

26. NATIONAL STOCK NO. & SUFFIX (90-44)
ADD (8-22)
26. INC (4-4)
LI (23-24)
QTY (25-29)
CON CODE (7-1)
DST (60-66)
UP (74-80)

PREVIOUS EDITION MAY BE USED

Form 1348-1A (EO)

CHAIN OF CUSTODY RECORD				0 150 Federal Street Boston MA 02110 Ph: 617-9469400 Fax: 617-946-9777 Website: www.parsons.com				Possible Hazards: Non-Hazard							
PARSONS PROJECT CLIENT INFORMATION PROJECT REFERENCE NAME Seneca Army Depot PROJECT NO. 745054-01400 PROJECT MANAGER Todd Helno P.O. NUMBER 745054-01400 CONTRACT/Quote NO. None CLIENT (SITE) PM Jacqueline Travers/Chunhua Liu CLIENT PHONE 617-449-1592 CLIENT FAX 617-946-9777 CLIENT NAME Parsons CLIENT EMAIL Benedict.McAllister@parsons.com CLIENT ADDRESS 150 Federal Street, Boston, MA 02110 Samplers Signature & Initials:				Project State NY				Sample Disposal: Return to Client							
				Sample Information				Custody Seal Number							
LABOURATORY SAMPLE ID Weight Custody Seal Intact				4416007				TAT/ DATE DUE 90 calendar days EXPEDITED REPORT (circle one) EMAIL or FAX TAT/ DATE DUE 14 calendar days for summary results NUMBER OF COOLERS SUBMITTED PER SHIPMENT:							
				16833								16832			
LABOURATORY SAMPLE ID Weight Custody Seal Intact				16839				TAT/ DATE DUE 90 calendar days EXPEDITED REPORT (circle one) EMAIL or FAX TAT/ DATE DUE 14 calendar days for summary results NUMBER OF COOLERS SUBMITTED PER SHIPMENT:							
				4416006								4416009			
LABOURATORY SAMPLE ID Weight Custody Seal Intact				4416004				TAT/ DATE DUE 90 calendar days EXPEDITED REPORT (circle one) EMAIL or FAX TAT/ DATE DUE 14 calendar days for summary results NUMBER OF COOLERS SUBMITTED PER SHIPMENT:							
				Custody Seal Number								REMARKS			
SAMPLED ON		IDENTIFICATION		LABOURATORY SAMPLE ID		Weight		Custody Seal Intact		Custody Seal Number		REMARKS			
DATE	TIME														
11/9/2006	11:00	Drum #1 Ferrous MD		835 lbs.		y	X					Munitions Debris from Seneca Army Depot 1348-1a on file 1 HCl 8 Ice			
11/9/2006	11:10	Drum #2 Ferrous MD		585 lbs.		y		X							
11/9/2006		Drum #3 Ferrous MD		454 lbs.		y			X						
11/9/2006		Drum #4 Ferrous MD		434 lbs.		y			X						
11/9/2006		Drum #5 Ferrous MD		537 lbs.		y			X						
11/9/2006		Drum #6 Aluminum MD		499 lbs.		y			X						
11/9/2006		Drum #7 Aluminum MD		119 lbs.		y			X						
7 drums total															
RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RELINQUISHED BY: (SIGNATURE)		DATE	TIME				
<i>[Signature]</i>		11/9/06	12:40												
RECEIVED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		DATE	TIME				
<i>[Signature]</i>		11/9/06	12:41												
LABORATORY USE ONLY															
RECEIVED FOR LABORATORY BY: (SIGNATURE)		DATE	TIME	CUSTODY INTACT YES NO	CUSTODY SEAL NO.		LABORATORY REMARKS:								
<i>[Signature]</i>				NO 8											

Originator _____

MEMO FOR RECORD

Name _____
 Company _____
 Address _____
 Phone _____
 Subject Explosives Inventory

Date 12/30/02
 Time _____ a.m./p.m.

Originator Placed Call
 Originator Received Call

W.O. Number _____

Notes

An explosives inventory was not conducted during the week of 12-23-02 as the site was shut down due to the Christmas holiday

FFA

*PARSONS Transferred Explosives from
 A6205 TO Demo Area magazines
 on 06-07-06
 Inventory also conducted*

File Number _____
 Tickle File _____ / /
 Follow-Up By: _____
 Copy/Route To: _____

Follow-Up Action: _____

 Originator's Initials _____



1. DODIC	2. NSN	3. LOT NO. 153	4. LOCATION	B.	D.
5. DESCRIPTION Igniters, Fuze, Weatherproof			A.	C.	E.

6. DATE	7. DOCUMENT NO.	8. ACTION/PURPOSE	9. QUANTITY		10. BALANCE	11. PRINTED NAME
			A. GAIN	B. LOSS		
3-15-05	-	Carried Forward	-	-	21	M. Holmes MFA.HC
3-21-05	-	Inventory	-	-	21	M. Holmes MFA.HC
3-31-05	-	Inventory	-	-	21	M. Holmes MFA.HC
5/25/06		Inventory Transfer	-	-	21	K. Capel
6/7/06		Inventory	-	-	21	K. Capel S.A. MOLLÉ
6/11/06		Band	-	3	18	K. Capel S.A. MOLLÉ
6/21/06		Issue	-	3	15	K. Capel S.A. MOLLÉ
6/21/06		Issue	-	1	14	K. Capel S.A. MOLLÉ
6/25/06		Inventory	-	-	14	K. Capel S.A. MOLLÉ
7/7/06		Inventory	-	-	14	K. Capel S.A. MOLLÉ
7/13/06		Inventory	-	-	14	K. Capel S.A. MOLLÉ
7/20/06		Inventory	-	-	14	K. Capel S.A. MOLLÉ
7/31/06		Inventory	-	-	14	K. Capel S.A. MOLLÉ
8/7/06		Inventory	-	-	14	K. Capel S.A. MOLLÉ
8/14/06		Inventory	-	-	14	K. Capel S.A. MOLLÉ

DA FORM 3020-R, AUG 89 MAGAZINE DATA CARD Continued on Reverse
 For use of this form, see DA PAM 710-2-1; the proponent agency is DCSLOG PREVIOUS EDITION IS OBSOLETE
 USAPPC V1.01

1. DODIC	2. NSN	3. LOT NO.	4. LOCATION	B.	D.
5. DESCRIPTION			A.	C.	E.

6. DATE	7. DOCUMENT NO.	8. ACTION/PURPOSE	9. QUANTITY		10. BALANCE	11. PRINTED NAME
			A. GAIN	B. LOSS		
8/22/06		Inventory	-	-	14	K. Capel S.A. MOLLÉ
8/29/06		Inventory	-	-	14	K. Capel S.A. MOLLÉ
9/05/06		Issue	-	4	10	K. Capel S.A. MOLLÉ
9/5/06		Inventory	-	-	10	K. Capel S.A. MOLLÉ
9/12/06		Inventory	-	-	10	K. Capel S.A. MOLLÉ
9/18/06		Inventory	-	-	10	K. Capel S.A. MOLLÉ
9/25/06		Inventory	-	-	10	K. Capel S.A. MOLLÉ
9/27/06		Issue	-	3	7	K. Capel S.A. MOLLÉ
10/3/06		Inventory	-	-	7	K. Capel S.A. MOLLÉ
10/9/06		Inventory	-	-	7	K. Capel S.A. MOLLÉ
10/16/06		Inventory	-	-	7	K. Capel S.A. MOLLÉ
10/26/06		Inventory	-	-	7	DAN DORRELL S.A. MOLLÉ
11/2/06		Inventory	-	-	7	K. Capel D. DORRELL
11/8/06		Issue	-	7	0	D. Dorrell K. Capel

REVERSE, DA FORM 3020-R, AUG 89 MAGAZINE DATA CARD Use Other Side First
 USAPPC V1.01

1. DODIC	2. NSN	3. LOT NO. <i>N/A JNK</i>	4. LOCATION	B.	D.
5. DESCRIPTION <i>Safety Fuze</i>			A.	C.	E.

6. DATE	7. DOCUMENT NO.	8. ACTION/PURPOSE	9. QUANTITY		10. BALANCE	11. PRINTED NAME
			A. GAIN	B. LOSS		
3-15-05	-	Carried forward	-	-	776'	M. Holmes MFA.H
3-21-05	-	Inventory	-	-	776'	M. Holmes MFA.H
3-31-05	-	Inventory	-	-	776'	M. Holmes MFA.H
5/25/06	-	Inventory/transfer	-	-	776'	K. Capel S.A. Malle
6/7/06	-	Inventory	-	-	776'	K. Capel S.A. Malle
6/14/06	-	Demo	-	30'	746	K. Capel S.A. Malle
6/21/06	-	Demo issue	-	19'	727	K. Capel S.A. Malle
6/27/06	-	Inventory	-	-	727	K. Capel S.A. Malle
7/7/06	-	Inventory	-	-	727	K. Capel S.A. Malle
7/13/06	-	Inventory	-	-	727	K. Capel S.A. Malle
7/20/06	-	Inventory	-	-	727	K. Capel S.A. Malle
7/31/06	-	Inventory	-	-	727	K. Capel S.A. Malle
8/7/06	-	Inventory	-	-	727	K. Capel S.A. Malle
8/14/06	-	Inventory	-	-	727	K. Capel S.A. Malle

DA FORM 3020-R, AUG 89 MAGAZINE DATA CARD Continued on Reverse
PREVIOUS EDITION IS OBSOLETE
USAPPC V1.01

1. DODIC	2. NSN	3. LOT NO.	4. LOCATION	B.	D.
5. DESCRIPTION			A.	C.	E.

6. DATE	7. DOCUMENT NO.	8. ACTION/PURPOSE	9. QUANTITY		10. BALANCE	11. PRINTED NAME
			A. GAIN	B. LOSS		
8/22/06	-	Inventory	-	-	727	K. Capel S.A. Malle
8/28/06	-	Inventory	-	-	727	K. Capel S.A. Malle
9/05/06	-	Issue	-	21'	706	K. Capel S.A. Malle
9/15/06	-	Inventory	-	-	706	K. Capel S.A. Malle
9/20/06	-	Inventory	-	-	706	K. Capel S.A. Malle
9/28/06	-	Inventory	-	-	706	K. Capel S.A. Malle
9/25/06	-	Inventory	-	-	706	K. Capel S.A. Malle
9/27/06	-	Issue	-	19	687	K. Capel S.A. Malle
10/3/06	-	Inventory	-	-	687	K. Capel S.A. Malle
10/9/06	-	Inventory	-	-	687	K. Capel S.A. Malle
10/16/06	-	Inventory	-	-	687	K. Capel S.A. Malle
10/24/06	-	Inventory	-	-	687	D. DORRELL S.A. Malle
11/2/06	-	Inventory	-	-	687	K. Capel D. DORRELL
11/8/06	-	Issue	-	687'	0	D. DORRELL/K. Capel

REVERSE, DA FORM 3020-R, AUG 89 MAGAZINE DATA CARD Use Other Side First
USAPPC V1.01

Q

1. DODIC	2. NSN	3. LOT NO. 213	4. LOCATION	B.	D.
5. DESCRIPTION Detonators, NON-Electric			A. 1.4B	C. UN 0267	E.

6. DATE	7. DOCUMENT NO.	8. ACTION/PURPOSE	9. QUANTITY		10. BALANCE	11. PRINTED NAME
			A. GAIN	B. LOSS		
3-15-05	-	Carried Forward	-	-	104	M. Holmes M.S.A. Jr
3-21-04	-	Inventory	-	-	104	M. Holmes M.S.A. Jr
3-31-05	-	Inventory	-	-	104	M. Holmes M.S.A. Jr
5/25/06	-	Inventory/Transfer	-	-	104	K. Carol S.A. Moller
6/7/06	-	Inventory	-	-	104	K. Carol S.A. Moller
6/14/06	-	Demo	-	2	102	K. Carol S.A. Moller
6/21/06	-	Demo	-	4	98	K. Carol S.A. Moller
6/29/06	-	Inventory	-	-	98	K. Carol S.A. Moller
7/7/06	-	Inventory	-	-	98	K. Carol S.A. Moller
7/13/06	-	Inventory	-	-	98	K. Carol S.A. Moller
7/26/06	-	Inventory	-	-	98	K. Carol S.A. Moller
7/31/06	-	Inventory	-	-	98	K. Carol S.A. Moller
8/7/06	-	Inventory	-	-	98	K. Carol S.A. Moller
8/14/06	-	Inventory	-	-	98	K. Carol S.A. Moller

DA FORM 3020-R, AUG 89 MAGAZINE DATA CARD Continued on Reverse
 For use of this form, see DA PAM 710-2-1; the proponent agency is DCSLOG PREVIOUS EDITION IS OBSOLETE
 USAPPC V1.01

1. DODIC	2. NSN	3. LOT NO.	4. LOCATION	B.	D.
5. DESCRIPTION			A.	C.	E.

6. DATE	7. DOCUMENT NO.	8. ACTION/PURPOSE	9. QUANTITY		10. BALANCE	11. PRINTED NAME
			A. GAIN	B. LOSS		
8/23/06	-	Inventory	-	-	98	K. Carol S.A. Moller
8/28/06	-	Inventory	-	-	98	K. Carol S.A. Moller
9/05/06	-	Issue	-	2	96	K. Carol S.A. Moller
9/11/06	-	Inventory	-	-	96	K. Carol S.A. Moller
9/12/06	-	Inventory	-	-	96	K. Carol S.A. Moller
9/18/06	-	Inventory	-	-	96	K. Carol S.A. Moller
9/25/06	-	Inventory	-	-	96	K. Carol S.A. Moller
9/27/06	-	Issue	-	2	94	K. Carol S.A. Moller
10/3/06	-	Inventory	-	-	94	K. Carol S.A. Moller
10/9/06	-	Inventory	-	-	94	K. Carol S.A. Moller
10/16/06	-	Inventory	-	-	94	K. Carol S.A. Moller
10-26-06	-	Inventory	-	-	94	D. Dorren S.A. Moller
11/2/06	-	Inventory	-	-	94	K. Carol S.A. Moller
11/7/06	-	Issue	-	94	0	K. Carol S.A. Moller

REVERSE, DA FORM 3020-R, AUG 89 MAGAZINE DATA CARD Use Other Side First
 USAPPC V1.01

1. DODIC	2. NSN	3. LOT NO. 142266F	4. LOCATION	B.	D.	
5. DESCRIPTION Cord, Detonating, 80gr			A. 1.4D	C. UN0289	E.	
8. DATE	7. DOCUMENT NO.	6. ACTION/PURPOSE	9. QUANTITY		10. BALANCE	11. PRINTED NAME
			A. GAIN	B. LOSS		
3-15-05	-	Carried Forward	-	-	290'	M. Holmes MFA.Hz
3-21-05	-	Inventory	-	-	290'	M. Holmes MFA.Hz
3-31-05	-	Inventory	-	-	290'	M. Holmes MFA.Hz
5/25/06	-	Inventory	-	-	290'	K. Capel S.A. Mollc
6/7/06	-	Inventory	-	-	290'	K. Capel S.A. Mollc
6/14/06	-	Demo	-	6'	284'	K. Capel S.A. Mollc
6/21/06	-	ISSUE / DEMO	-	30	254'	K. Capel S.A. Mollc
6/29/06	-	Inventory	-	-	254'	K. Capel S.A. Mollc
7/2/06	-	Inventory	-	-	254'	K. Capel S.A. Mollc
7/13/06	-	Inventory	-	-	254'	K. Capel S.A. Mollc
7/20/06	-	Inventory	-	-	254'	K. Capel S.A. Mollc
7/31/06	-	Inventory	-	-	254'	K. Capel S.A. Mollc
8/7/06	-	Inventory	-	-	254'	K. Capel S.A. Mollc
8/14/06	-	Inventory	-	-	254'	K. Capel S.A. Mollc

DA FORM 3020-R, AUG 89

MAGAZINE DATA CARD

For use of this form, see DA PAM 710-2-1; the proponent agency is DCSLOG

Continued on Reverse
PREVIOUS EDITION IS OBSOLETE
USAPPC V1.01

1. DODIC	2. NSN	3. LOT NO.	4. LOCATION	B.	D.	
5. DESCRIPTION			A.	C.	E.	
8. DATE	7. DOCUMENT NO.	6. ACTION/PURPOSE	9. QUANTITY		10. BALANCE	11. PRINTED NAME
			A. GAIN	B. LOSS		
8/22/06	-	Inventory	-	-	254'	K. Capel S.A. Mollc
8/28/06	-	Inventory	-	-	254'	K. Capel S.A. Mollc
9/05/06	-	ISSUE	-	1'	253'	K. Capel S.A. Mollc
9/15/06	-	Inventory	-	-	253'	K. Capel S.A. Mollc
9/19/06	-	Inventory	-	-	253'	K. Capel S.A. Mollc
9/18/06	-	Inventory	-	-	253'	K. Capel S.A. Mollc
9/25/06	-	Inventory	-	-	253'	K. Capel S.A. Mollc
9/27/06	-	ISSUE	-	64'	189'	K. Capel S.A. Mollc
10/3/06	-	Inventory	-	-	189'	K. Capel S.A. Mollc
10/9/06	-	Inventory	-	-	189'	K. Capel S.A. Mollc
10/16/06	-	ISSUE	-	25'	164'	K. Capel S.A. Mollc
10/16/06	-	Inventory	-	-	164'	K. Capel S.A. Mollc
10-26-06	-	INVENTORY	-	-	164'	D. DORRELL S.A. Mollc
11/2/06	-	Inventory	-	-	164'	K. Capel S.A. Mollc
11/9/06	-	ISSUE	-	164'	0	S.A. Mollc D. DORRELL

REVERSE, DA FORM 3020-R, AUG 89

MAGAZINE DATA CARD

Use Other Side First

USAPPC V1.01

1. DODIC	2. NSN	3. LOT NO. 0052220118	4. LOCATION	B.	D.
5. DESCRIPTION Charges, Shaped, 4" Perforators XIX HSC Type C			A. 1.45	C. un 0441	E.

6. DATE	7. DOCUMENT NO.	8. ACTION/PURPOSE	9. QUANTITY		10. BALANCE	11. PRINTED NAME
			A. GAIN	B. LOSS		
3-15-05	-	Carried forward	-	-	51	M. Holmes MFA.H
3-21-05	-	Inventory	-	-	51	M. Holmes MFA.H
3-31-05	-	Inventory	-	-	51	M. Holmes MFA.H
5-25-06		Inventory/Transfer			51	K. Kappel
6-7-06		Inventory	-	-	51	K. Kappel S.A. Malle
6-14-06		Demo		1	50	K. Kappel S.A. Malle
6/21/06		ISSUE		10	40	K. Kappel S.A. Malle
6/29/06		Inventory	-	-	40	K. Kappel S.A. Malle
7/7/06		Inventory	-	-	40	K. Kappel S.A. Malle
7/12/06		Inventory	-	-	40	K. Kappel S.A. Malle
7/20/06		Inventory	-	-	40	K. Kappel S.A. Malle
7/31/06		Inventory	-	-	40	K. Kappel S.A. Malle
8/17/06		Inventory	-	-	40	K. Kappel S.A. Malle
8/14/06		Inventory	-	-	40	K. Kappel S.A. Malle

DA FORM 3020-R, AUG 89 MAGAZINE DATA CARD Continued on Reverse
 For use of this form, see DA PAM 710-2-1; the proponent agency is DCSLOG PREVIOUS EDITION IS OBSOLETE
 USAPPC V1.01

1. DODIC	2. NSN	3. LOT NO.	4. LOCATION	B.	D.
5. DESCRIPTION			A.	C.	E.

6. DATE	7. DOCUMENT NO.	8. ACTION/PURPOSE	9. QUANTITY		10. BALANCE	11. PRINTED NAME
			A. GAIN	B. LOSS		
8/27/06		Inventory	-	-	40	K. Kappel S.A. Malle
8/28/06		Inventory	-	-	40	K. Kappel S.A. Malle
9/05/06		ISSUE	-	1	39	K. Kappel S.A. Malle
9/15/06		Inventory	-	-	39	K. Kappel S.A. Malle
9/12/06		Inventory	-	-	39	K. Kappel S.A. Malle
9/18/06		Inventory	-	-	39	K. Kappel S.A. Malle
9/25/06		Inventory	-	-	39	K. Kappel S.A. Malle
9/27/06		Issue	-	12	27	K. Kappel S.A. Malle
10/3/06		Inventory	-	-	27	K. Kappel S.A. Malle
10/9/06		Inventory	-	-	27	K. Kappel S.A. Malle
10/16/06		Issue	-	7	20	K. Kappel S.A. Malle
10/16/06		Inventory	-	-	20	K. Kappel S.A. Malle
10-24-06		INVENTORY	-	-	20	D. DORREU S.A. MALLE
11/2/06		Inventory	-	-	20	K. Kappel D. DORREU
11/7/06		ISSUE	-	20	0	S.A. MALLE D. DORREU

REVERSE, DA FORM 3020-R, AUG 89 MAGAZINE DATA CARD Use Other Side First
 USAPPC V1.01

1. DODIC	2. NSN	3. LOT NO.	4. LOCATION	B.	D.	
5. DESCRIPTION			A.	C.	E.	
		BRLU012865		1.1D	Uncont'd	
Boosters 1/2lb						
6. DATE	7. DOCUMENT NO.	8. ACTION/PURPOSE	9. QUANTITY		10. BALANCE	11. PRINTED NAME
			A. GAIN	B. LOSS		
3-15-05	-	Carried Forward	-	-	65	M. Holmes MFA/HC
3-21-05	-	Inventory	-	-	65	M. Holmes MFA/HC
3-24-05	-	Inventory	-	-	65	M. Holmes MFA/HC
5/25-06	-	Inventory/transfer	-	-	65	K. Royal
6/7/06	-	Inventory	-	-	65	K. Royal S.A. Mollen
6/21/06	-	ISSUE	-	1	64	K. Royal S.A. Mollen
6/27/06	-	Inventory	-	-	64	K. Royal S.A. Mollen
7/7/06	-	Inventory	-	-	64	K. Royal S.A. Mollen
7/12/06	-	Inventory	-	-	64	K. Royal S.A. Mollen
7/20/06	-	Inventory	-	-	64	K. Royal S.A. Mollen
7/31/06	-	Inventory	-	-	64	K. Royal S.A. Mollen
8/7/06	-	Inventory	-	-	64	K. Royal S.A. Mollen
8/17/06	-	Inventory	-	-	64	K. Royal S.A. Mollen

DA FORM 3020-R, AUG 89

MAGAZINE DATA CARD

For use of this form, see DA PAM 710-2-1; the proponent agency is DCSLOG

Continued on Reverse
PREVIOUS EDITION IS OBSOLETE
USAPPC V1.01

1. DODIC	2. NSN	3. LOT NO.	4. LOCATION	B.	D.	
5. DESCRIPTION			A.	C.	E.	
6. DATE	7. DOCUMENT NO.	8. ACTION/PURPOSE	9. QUANTITY		10. BALANCE	11. PRINTED NAME
			A. GAIN	B. LOSS		
8/22/06	-	Inventory	-	-	64	K. Royal S.A. Mollen
8/23/06	-	Inventory	-	-	64	K. Royal S.A. Mollen
9/5/06	-	Inventory	-	-	64	K. Royal S.A. Mollen
9/12/06	-	Inventory	-	-	64	K. Royal S.A. Mollen
9/18/06	-	Inventory	-	-	64	K. Royal S.A. Mollen
9/25/06	-	Inventory	-	-	64	K. Royal S.A. Mollen
9/27/06	-	ISSUE	-	9	55	K. Royal S.A. Mollen
10/3/06	-	Inventory	-	-	55	K. Royal S.A. Mollen
10/9/06	-	Inventory	-	-	55	K. Royal S.A. Mollen
10/16/06	-	ISSUE	-	9 ea	46	K. Royal S.A. Mollen
10/16/06	-	Inventory	-	-	46	K. Royal S.A. Mollen
10-16-06	-	INVENTORY	-	-	46	D. DORRILL S.A. Mollen
11/2/06	-	Inventory	-	-	46	K. Royal D. Dorrell
11/7/06	-	ISSUE	-	46 ea	0	S.A. Mollen D. Dorrell

REVERSE, DA FORM 3020-R, AUG 89

MAGAZINE DATA CARD

Use Other Side First

USAPPC V1.01

For use of this form, see DA PAM 710-2-1; the proponent agency is DCSLOG

1. DODIC		2. NSN BE-12-1NST		3. LOT NO. EX9709010		4. LOCATION		B.	D.
5. DESCRIPTION Detonators Elec xpo Delay						A.	C.	E.	
6. DATE	7. DOCUMENT NO.	8. ACTION/PURPOSE	9. QUANTITY		10. BALANCE	11. PRINTED NAME			
			A. GAIN	B. LOSS					
6/20/06	#16672	Receive inventory	50		50	K Cape / SA Malle			
6/29/06		Inventory	-	-	50	K Cape / SA Malle			
7/7/06		Inventory	-	-	50	K Cape / SA Malle			
7/13/06		Inventory	-	-	50	K Cape / SA Malle			
7/20/06		Inventory	-	-	50	K Cape / SA Malle			
7/21/06		Inventory	-	-	50	K Cape / SA Malle			
8/7/06		Inventory	-	-	50	K Cape / SA Malle			
8/14/06		Inventory	-	-	50	K Cape / SA Malle			
8/22/06		Inventory	-	-	50	K Cape / SA Malle			
8/28/06		Inventory	-	-	50	K Cape / SA Malle			
8/29/06		Inventory	-	-	50	K Cape / SA Malle			
9/12/06		Inventory	-	-	50	K Cape / SA Malle			
9/18/06		Inventory	-	-	50	K Cape / SA Malle			
9/25/06		Inventory	-	-	50	K Cape / SA Malle			
9/27/06		ISSUE	-	6	44	K Cape / SA Malle			

REVERSE, DA FORM 3020-R, AUG 89

MAGAZINE DATA CARD

Use Other Side First

1. DODIC		2. NSN		3. LOT NO.		4. LOCATION		B.	D.
5. DESCRIPTION						A.	C.	E.	
6. DATE	7. DOCUMENT NO.	8. ACTION/PURPOSE	9. QUANTITY		10. BALANCE	11. PRINTED NAME			
			A. GAIN	B. LOSS					
10/3/06		Inventory	-	-	44	K Cape / S.A. Malle			
10/9/06		Inventory	-	-	44	K Cape / S.A. Malle			
10/16/06		ISSUE	-	4	40	K Cape / S.A. Malle			
10/16/06		Inventory	-	-	40	K Cape / S.A. Malle			
10-24-06		INVENTORY	-	-	40	D. DORREN			
11/2/06		Inventory	-	-	40	K Cape / D. DORREN			
11/4/06		ISSUE	-	40	0	S.A. Malle D. DORREN			

REVERSE, DA FORM 3020-R, AUG 89

MAGAZINE DATA CARD

Use Other Side First

Figure 7 - Explosive Vehicle Inspection Form

EXPLOSIVE VEHICLE INSPECTION FORM			
This form must be filled out for any vehicle carrying explosives, prior to loading.			
DRIVERS NAME <i>K. Cangel</i>	LICENSE NUMBER <i>25146 JU</i>		
COMPANY <i>PARSONS</i>			
TYPE OF VEHICLE <i>F-350</i>	VEHICLE NUMBER		
INSPECTION DATE/TIME <i>6-7-06</i>	INSPECTOR <i>K. Cangel</i>		
PART INSPECTED	SAT.	UNSAT.	COMMENT
HORN	<input checked="" type="checkbox"/>		
STEERING SYSTEM	<input checked="" type="checkbox"/>		
WIPERS	<input checked="" type="checkbox"/>		
MIRRORS	<input checked="" type="checkbox"/>		
FIRE EXTINGUISHERS (10 ABC, 2 EACH)	<input checked="" type="checkbox"/>		
REFLECTORS			<i>N/A</i>
EMERGENCY FLASHERS	<input checked="" type="checkbox"/>		
LIGHTS	<input checked="" type="checkbox"/>		
ELECTRIC WIRING	<input checked="" type="checkbox"/>		
FUEL SYSTEM	<input checked="" type="checkbox"/>		
EXHAUST SYSTEM	<input checked="" type="checkbox"/>		
BRAKE SYSTEM	<input checked="" type="checkbox"/>		
SUSPENSION	<input checked="" type="checkbox"/>		
CARGO SPACE	<input checked="" type="checkbox"/>		
TIRES, WHEELS, RIMS	<input checked="" type="checkbox"/>		
TAILGATE	<input checked="" type="checkbox"/>		
TARPAULIN			<i>N/A</i>
INSPECTION RESULTS (INSPECTOR INITIAL) <i>SCAT KCC</i>			
ACCEPTED:	<i>[Signature]</i>		
REJECTED:			
REMARKS			
DRIVERS SIGNATURE/DATE		INSPECTORS SIGNATURE/DATE	
<i>[Signature] 6/7/06</i>		<i>[Signature] 6/7/06</i>	

Figure 4 – Explosives Usage Record

Explosive Usage Record			
Team Number: UXO Alpha		Date: 06/14/2006	Project Name: Seneca Army Depot
Team Leader: Joe Debra		Work Areas & Grid Numbers: SEAD 57	
Explosives Issued UXO50		Signature of Team Leader: <i>[Signature]</i>	
Item	Quantity	Lot Number	Checkers Initials
Fuze Igniters	3 ea	#153	KAC / ADM
Safety Fuze	30 FT	NONE / UNK	KAC / ADM
Caps Non Elec	2 ea	#213	KAC / ADM
Det Cord 80 ft	6 FT	#142266F	KAC / ADM
4" Perforator	1 EA	#005222018	KAC / ADM
Explosives Expended UXO50		Signature of Team Leader: <i>[Signature]</i>	
Item	Quantity	Lot Number	Checkers Initials
Fuze Igniters	3 ea	#153	KAC / ADM
Safety Fuze	30 FT	NONE / UNK	KAC / ADM
Caps Non Elec	2 ea	#213	KAC / ADM
Det Cord 80 ft	6 FT	#142266F	KAC / ADM
4" Perforator	1 ea	#005222018	KAC / ADM
Explosives Returned UXO50		Signature of SUXOS: <i>[Signature]</i>	
Item	Quantity	Lot Number	Checkers Initials
NONE			

The signatures in each section of this document indicate that the items listed in that section were in fact issued, expended, or returned to storage and that the quantities listed were verified through a physical count.

8.0 Transportation

Transportation of MEC will comply with all Federal, state, and local regulations. Permits are not required under CERCLA for on-site or on Federal installation transportation of

Figure 4 – Explosives Usage Record

Explosive Usage Record			
Team Number: <u>UXO Team A</u>	Date: <u>6/21/06</u>	Project Name: <u>Sewer Army Depot</u>	
Team Leader: <u>Joe Debra</u>	Work Areas & Grid Numbers: <u>SEA 57</u>		
Explosives Issued <u>[Signature]</u>		Signature of Team Leader: <u>[Signature]</u>	
Item	Quantity	Lot Number	Checkers Initials
<u>Igniters - Fuse</u>	<u>4 EA</u>	<u># 153</u>	<u>[Initials]</u>
<u>Safety Fuse</u>	<u>19 FT</u>	<u>NONE UNK</u>	<u>[Initials]</u>
<u>Caps Non Elec</u>	<u>4 ea</u>	<u># 213</u>	<u>[Initials]</u>
<u>Det Cord</u>	<u>30 FT</u>	<u># 142266F</u>	<u>[Initials]</u>
<u>Shape Charge/Perb</u>	<u>10 EA</u>	<u>0052220118</u>	<u>[Initials]</u>
<u>Boosters 1/2 lb</u>	<u>1 EA</u>	<u>BRLU @12865</u>	<u>[Initials]</u>
Explosives Expended <u>[Signature]</u>		Signature of Team Leader: <u>[Signature]</u>	
Item	Quantity	Lot Number	Checkers Initials
<u>Igniters - Fuse</u>	<u>4 EA</u>	<u># 153</u>	<u>[Initials]</u>
<u>Safety Fuse</u>	<u>19 FT</u>	<u>NONE</u>	<u>[Initials]</u>
<u>Caps Non Elec</u>	<u>4 EA</u>	<u># 213</u>	<u>[Initials]</u>
<u>Det Cord</u>	<u>30 FT</u>	<u># 142266F</u>	<u>[Initials]</u>
<u>Shape Charge/Perb</u>	<u>10 EA</u>	<u>0052220118</u>	<u>[Initials]</u>
<u>Boosters 1/2 lb</u>	<u>1 EA</u>	<u>BRLU @12865</u>	<u>[Initials]</u>
Explosives Returned		Signature of SUXOS: <u>[Signature]</u>	
Item	Quantity	Lot Number	Checkers Initials
<u>NONE</u>			

The signatures in each section of this document indicate that the items listed in that section were in fact issued, expended, or returned to storage and that the quantities listed were verified through a physical count.

8.0 Transportation

Transportation of MEC will comply with all Federal, state, and local regulations. Permits are not required under CERCLA for on-site or on Federal installation transportation of

Figure 7 - Explosive Vehicle Inspection Form

EXPLOSIVE VEHICLE INSPECTION FORM			
This form must be filled out for any vehicle carrying explosives, prior to loading.			
DRIVERS NAME <u>MATT Busch</u>		LICENSE NUMBER <u>CYR-4576 / NY</u>	
COMPANY <u>USA ENVR. INC</u>			
TYPE OF VEHICLE <u>Ford A50</u>		VEHICLE NUMBER <u>Tax18W41N88671</u>	
INSPECTION DATE/TIME <u>6/21/06 / 0900</u>		INSPECTOR <u>MATT Busch Jc DeLoa</u>	
PART INSPECTED	SAT.	UNSAT.	COMMENT
HORN	X		
STEERING SYSTEM	Y		
WIPERS	X		
MIRRORS	X		
FIRE EXTINGUISHERS (10 ABC, 2 EACH)	X		
REFLECTORS	X		
EMERGENCY FLASHERS	X		
LIGHTS	X		
ELECTRIC WIRING	X		
FUEL SYSTEM	X		
EXHAUST SYSTEM	X		
BRAKE SYSTEM	X		
SUSPENSION	X		
CARGO SPACE	X		
TIRES, WHEELS, RIMS	X		
TAILGATE	Y		
TARPAULIN	N/A	N/A	
INSPECTION RESULTS (INSPECTOR INITIAL)			
ACCEPTED: <u>MFB</u>			
REJECTED:			
REMARKS			
DRIVERS SIGNATURE/DATE		INSPECTORS SIGNATURE/DATE	
<u>Matt Busch</u> 6/21/06		<u>Jc DeLoa</u> 6/21/06	

Figure 4 – Explosives Usage Record

Explosive Usage Record			
Team Number: <i>UXO Team A</i>		Date: <i>6/21/06</i>	Project Name: <i>Seneca Army Depot</i>
Team Leader: <i>Joe Debra</i>		Work Areas & Grid Numbers: <i>SEAD 57</i>	
Explosives Issued <i>[Signature]</i>		Signature of Team Leader: <i>[Signature]</i>	
Item	Quantity	Lot Number	Checkers Initials
<i>Fuzes - Fuse</i>	<i>4 EA</i>	<i>#153</i>	<i>[Initials]</i>
<i>Safety Fuse</i>	<i>19 FT</i>	<i>NONE UNK</i>	<i>[Initials]</i>
<i>Caps Non Elec</i>	<i>4 ea</i>	<i>#213</i>	<i>[Initials]</i>
<i>Det Cord</i>	<i>30 FT</i>	<i>#142266F</i>	<i>[Initials]</i>
<i>Shape Charge/Perb</i>	<i>10 EA</i>	<i>0052220118</i>	<i>[Initials]</i>
<i>Boosters 1/2 B</i>	<i>1 EA</i>	<i>BRLU 012865</i>	<i>[Initials]</i>
Explosives Expended <i>[Signature]</i>		Signature of Team Leader: <i>[Signature]</i>	
Item	Quantity	Lot Number	Checkers Initials
<i>Fuzes - Fuse</i>	<i>4 EA</i>	<i>#153</i>	<i>[Initials]</i>
<i>Safety Fuse</i>	<i>19 FT</i>	<i>NONE</i>	<i>[Initials]</i>
<i>Caps Non Elec</i>	<i>4 EA</i>	<i>#213</i>	<i>[Initials]</i>
<i>Det Cord</i>	<i>30 FT</i>	<i>#142266F</i>	<i>[Initials]</i>
<i>Shape Charge/Perb</i>	<i>10 EA</i>	<i>0052220118</i>	<i>[Initials]</i>
<i>Boosters 1/2 B</i>	<i>1 EA</i>	<i>BRLU 012865</i>	<i>[Initials]</i>
Explosives Returned		Signature of SUXOS: <i>[Signature]</i>	
Item	Quantity	Lot Number	Checkers Initials
<i>NONE</i>			

The signatures in each section of this document indicate that the items listed in that section were in fact issued, expended, or returned to storage and that the quantities listed were verified through a physical count.

8.0 Transportation

Transportation of MEC will comply with all Federal, state, and local regulations. Permits are not required under CERCLA for on-site or on Federal installation transportation of

Figure 4 – Explosives Usage Record

Explosive Usage Record			
Team Number: JXO T-A		Date: 9/05/06	Project Name: SENECA Army Depot
Team Leader: D Garcia		Work Areas & Grid Numbers: SEAD 46	
Explosives Issued		Signature of Team Leader: <i>[Signature]</i>	
Item	Quantity	Lot Number	Checkers Initials
Igniter, Fuze	4 ea	153	KE
Safety Fuze	21 FT	NONE	KE
Detonators Non Elec	2 ea	213	KE
Cond Detonating 80	1 FT	142266 F	KE
Perforator	1 ea	0052220118	KE
LAST ITEM			
Explosives Expended		Signature of Team Leader: <i>[Signature]</i>	
Item	Quantity	Lot Number	Checkers Initials
Igniter, Fuze	4 ea	153	KE
Safety Fuze	21 FT	NONE	KE
Detonators Non Elec	2 ea	213	KE
Cond Det 80	1 FT	142266 F	KE
Perforator	1 ea	0052220118	KE
LAST ITEM			
Explosives Returned		Signature of SUXOS: <i>[Signature]</i>	
Item	Quantity	Lot Number	Checkers Initials
(This section is crossed out with a large diagonal line)			

The signatures in each section of this document indicate that the items listed in that section were in fact issued, expended, or returned to storage and that the quantities listed were verified through a physical count.

8.0 Transportation

Transportation of MEC will comply with all Federal, state, and local regulations. Permits are not required under CERCLA for on-site or on Federal installation transportation of

Figure 7 - Explosive Vehicle Inspection Form

EXPLOSIVE VEHICLE INSPECTION FORM			
This form must be filled out for any vehicle carrying explosives, prior to loading.			
DRIVERS NAME <u>MATTHEW BUSCH</u>		LICENSE NUMBER <u>CYR-4576 / NY</u>	
COMPANY <u>V&A Environmental, Inc.</u>			
TYPE OF VEHICLE <u>Ford F150</u>		VEHICLE NUMBER <u>TRX18W41NA88671</u>	
INSPECTION DATE/TIME <u>5 sept 06 / 1030</u>		INSPECTOR <u>MATTHEW BUSCH</u>	
PART INSPECTED	SAT.	UNSAT.	COMMENT
HORN	X		
STEERING SYSTEM	X		
WIPERS	X		
MIRRORS	X		
FIRE EXTINGUISHERS (10 ABC, 2 EACH)	X		
REFLECTORS	X		
EMERGENCY FLASHERS	X		
LIGHTS	X		
ELECTRIC WIRING	X		
FUEL SYSTEM	X		
EXHAUST SYSTEM	X		
BRAKE SYSTEM	X		
SUSPENSION	X		
CARGO SPACE	X		
TIRES, WHEELS, RIMS	X		
TAILGATE	X		
TARPAULIN	X		
INSPECTION RESULTS (INSPECTOR INITIAL)			
ACCEPTED: <u>MB</u>			
REJECTED:			
REMARKS			
DRIVERS SIGNATURE/DATE		INSPECTORS SIGNATURE/DATE	
<u>Matthew Busch</u>		<u>Matthew Busch</u>	

Explosives Usage Record

Contract Number:

Team Number: *Team A*

Date: *9/27/06*

Project Name: *Seneca Army Depot*

Team Leader: *D. Dorrel*

Work Area & Grid Numbers:

Explosives Issued		Signature Of Team Leader: <i>D. Dorrel</i>	
Item	Quantity	Lot Number	Checkers Initials
Fuze Igniters	3 ea	153	<i>[Signature]</i>
Safety fuze	19 FT	N/A	<i>[Signature]</i>
Non Elec Det	2 ea	213	<i>[Signature]</i>
Det Cord	64'	142266F	<i>[Signature]</i>
Shape Charge 4" Type C	12 ea	005222018	<i>[Signature]</i>
Booster 1/2 lb	9 ea	BrLu 012865	<i>[Signature]</i>
Explosives Expended		Signature Of Team Leader: <i>D. Dorrel</i>	
Item	Quantity	Lot Number	Checkers Initials
Fuze Igniters	3 ea	153	<i>[Signature]</i>
Safety fuze	19 FT	N/A	<i>[Signature]</i>
Non Elec Det	2 ea	213	<i>[Signature]</i>
Det Cord	64'	142266F	<i>[Signature]</i>
Shape Charge 4" Type C	12 ea	005222018	<i>[Signature]</i>
Booster 1/2 lb	9 ea	BrLu 012865	<i>[Signature]</i>
Explosives Returned		Signature Of QC Officer: <i>[Signature]</i>	
Item	Quantity	Lot Number	Checkers Initials
<i>[Signature]</i>			

The signatures in each section of this document indicate that the items listed in that section were in fact issued, expended, or returned to storage and that the quantities listed were verified through a physical count.

Explosives Usage Record

Contract Number:

Team Number: *Team A*

Date: *9/27/06*

Project Name: *Seneca Army Depot*

Team Leader: *D. Dorrel*

Work Areas & Grid Numbers:

Explosives Issued

Signature Of Team Leader: *D. Dorrel*

Item	Quantity	Lot Number	Checkers Initials
<i>DeTs Elec</i>	<i>6 ea</i>	<i>EX 9709010</i>	<i>[Signature]</i>
<i>LAST ITEM</i>			

Explosives Expended

Signature Of Team Leader: *D. Dorrel*

Item	Quantity	Lot Number	Checkers Initials
<i>DeTs Elec</i>	<i>6 ea</i>	<i>EX 9709010</i>	<i>[Signature]</i>
<i>LAST ITEM</i>			

Explosives Returned

Signature Of QC Officer: *[Signature]*

Item	Quantity	Lot Number	Checkers Initials
<i>None</i>			

The signatures in each section of this document indicate that the items listed in that section were in fact issued, expended, or returned to storage and that the quantities listed were verified through a physical count.

Figure 7 - Explosive Vehicle Inspection Form

EXPLOSIVE VEHICLE INSPECTION FORM			
This form must be filled out for any vehicle carrying explosives, prior to loading.			
DRIVERS NAME Matt Busch		LICENSE NUMBER 78330 JT /NY	
COMPANY USA Envir.			
TYPE OF VEHICLE Ford F-150		VEHICLE NUMBER 1FTVX14S85NA96354	
INSPECTION DATE/TIME 27 Sept 06 / 0710		INSPECTOR Matt Busch	
PART INSPECTED	SAT.	UNSAT.	COMMENT
HORN	X		
STEERING SYSTEM	X		
WIPERS	X		
MIRRORS	X		
FIRE EXTINGUISHERS (10 ABC, 2 EACH)	X		
REFLECTORS	X		
EMERGENCY FLASHERS	X		
LIGHTS	X		
ELECTRIC WIRING	X		
FUEL SYSTEM	X		
EXHAUST SYSTEM	X		
BRAKE SYSTEM	X		
SUSPENSION	X		
CARGO SPACE	X		
TIRES, WHEELS, RIMS	X		
TAILGATE	X		
TARPAULIN	X		
INSPECTION RESULTS (INSPECTOR INITIAL)			
ACCEPTED: MBS			
REJECTED:			
REMARKS			
DRIVERS SIGNATURE/DATE		INSPECTORS SIGNATURE/DATE	
<i>[Signature]</i> 27 Sept 06		<i>[Signature]</i> 27 Sept 06	

Explosives Usage Record

Contract Number:

Team Number: DAN/T-A Date: 10/16/06 Project Name: Seveca Army Depot

Team Leader: Dan Dorra / Work Area & Grid Numbers: DEMO AREA

Explosives Issued		Signature Of Team Leader: <u>[Signature]</u>	
Item	Quantity	Lot Number	Checkers Initials
DET Cord 80gr	25 FT	142266F	<u>KE</u>
Perforators 4"	7 ea	0052220118	<u>KE</u>
Boosters 1/2"	9 ea	BIU 012865	<u>KE</u>
Caps Elec NON-D	4 ea	EX 9709010	<u>KE</u>
<u>[Signature]</u>			

Explosives Expended		Signature Of Team Leader: <u>[Signature]</u>	
Item	Quantity	Lot Number	Checkers Initials
DET Cord 80gr	25 FT	142266F	<u>KE</u>
Perforators 4"	7 ea	0052220118	<u>KE</u>
Boosters 1/2"	9 ea	BIU 012865	<u>KE</u>
Caps Elec NON-D	4 ea	EX 9709010	<u>KE</u>
<u>[Signature]</u>			

Explosives Returned		Signature Of QC Officer:	
Item	Quantity	Lot Number	Checkers Initials
<u>[Signature]</u>			

The signatures in each section of this document indicate that the items listed in that section were in fact issued, expended, or returned to storage and that the quantities listed were verified through a physical count.

Figure 7 - Explosive Vehicle Inspection Form

EXPLOSIVE VEHICLE INSPECTION FORM			
This form must be filled out for any vehicle carrying explosives, prior to loading.			
DRIVERS NAME	Matt Busch	LICENSE NUMBER	78330 JT /NY
COMPANY	USA Environmental, Inc.		
TYPE OF VEHICLE	Ford F-150	VEHICLE NUMBER	1FTVX14585NA96354
INSPECTION DATE/TIME	16 Oct 06 / 0715	INSPECTOR	MATT BUSCH
PART INSPECTED	SAT.	UNSAT.	COMMENT
HORN	X		
STEERING SYSTEM	X		
WIPERS	X		
MIRRORS	X		
FIRE EXTINGUISHERS (10 ABC, 2 EACH)	X		
REFLECTORS	X		
EMERGENCY FLASHERS	X		
LIGHTS	X		
ELECTRIC WIRING	X		
FUEL SYSTEM	X		
EXHAUST SYSTEM	X		
BRAKE SYSTEM	X		
SUSPENSION	X		
CARGO SPACE	X		
TIRES, WHEELS, RIMS	X		
TAILGATE	X		
TARPAULIN	N/A		
INSPECTION RESULTS (INSPECTOR INITIAL)			
ACCEPTED: <i>MDS</i> <i>[Signature]</i>			
REJECTED:			
REMARKS			
DRIVERS SIGNATURE/DATE		INSPECTORS SIGNATURE/DATE	
<i>Matt Busch</i> 16 Oct 06		<i>Matt Busch</i> 16 Oct 06	

Explosives Usage Record

Contract Number:

Team Number: DAN/T-A Date: 10/16/06 Project Name: Sevel Army Depot

Team Leader: DAN Dorrell / Work Area & Grid Numbers: DEMO AREA

Explosives Issued			Signature Of Team Leader:
Item	Quantity	Lot Number	Checkers Initials
<u>Det Cord 80gr</u>	<u>25 FT</u>	<u>142266F</u>	<u>KL</u>
<u>Perforators 4"</u>	<u>7 ea</u>	<u>0052220118</u>	<u>KL</u>
<u>Boosters 1/2"</u>	<u>9 ea</u>	<u>BRU 012865</u>	<u>KL</u>
<u>Caps Elec NON-D</u>	<u>4 ea</u>	<u>EX 9709010</u>	<u>KL</u>
<u>[Signature]</u>			

Explosives Expended			Signature Of Team Leader:
Item	Quantity	Lot Number	Checkers Initials
<u>Det Cord 80gr</u>	<u>25 FT</u>	<u>142266F</u>	<u>KL</u>
<u>Perforators 4"</u>	<u>7 ea</u>	<u>0052220118</u>	<u>KL</u>
<u>Boosters 1/2"</u>	<u>9 ea</u>	<u>BRU 012865</u>	<u>KL</u>
<u>Caps Elec NON-D</u>	<u>4 ea</u>	<u>EX 9709010</u>	<u>KL</u>
<u>[Signature]</u>			

Explosives Returned			Signature Of QC Officer:
Item	Quantity	Lot Number	Checkers Initials
<u>[Signature]</u>			

The signatures in each section of this document indicate that the items listed in that section were in fact issued, expended, or returned to storage and that the quantities listed were verified through a physical count.

Figure 7 - Explosive Vehicle Inspection Form

EXPLOSIVE VEHICLE INSPECTION FORM			
This form must be filled out for any vehicle carrying explosives, prior to loading.			
DRIVERS NAME <i>D. DORRELL</i>		LICENSE NUMBER <i>78330 JT (MS)</i>	
COMPANY <i>USAE</i>			
TYPE OF VEHICLE <i>F150</i>		VEHICLE NUMBER	
INSPECTION DATE/TIME <i>0710 11-7-2006</i>		INSPECTOR <i>D. Dorrell / P. MATTEN</i>	
PART INSPECTED	SAT.	UNSAT.	COMMENT
HORN	✓		
STEERING SYSTEM	✓		
WIPERS	✓		
MIRRORS	✓		
FIRE EXTINGUISHERS (10 ABC, 2 EACH)	✓		
REFLECTORS	✓		
EMERGENCY FLASHERS	✓		
LIGHTS	✓		
ELECTRIC WIRING	✓		
FUEL SYSTEM	✓		
EXHAUST SYSTEM	✓		
BRAKE SYSTEM	✓		
SUSPENSION	✓		
CARGO SPACE	✓		
TIRES, WHEELS, RIMS	✓		
TAILGATE	✓		
TARPAULIN <i>N/A</i>			
INSPECTION RESULTS (INSPECTOR INITIAL)			
ACCEPTED: <i>DND / Jm</i>			
REJECTED:			
REMARKS			
DRIVERS SIGNATURE/DATE		INSPECTORS SIGNATURE/DATE	
<i>D. Dorrell</i>		<i>P. Matten</i>	
<i>11-7-06</i>		<i>11/7/2006</i>	

Explosives Usage Record

Contract Number:

Team Number: *Team A* Date: *11-7-06* Project Name: *SEAD*

Team Leader: *DAN DANIEL* Work Area & Grid Numbers: *Davis Area*

Explosives Issued			Signature Of Team Leader: <i>[Signature]</i>
Item	Quantity	Lot Number	Checkers Initials
<i>CAPS Non Elec</i>	<i>94 ea</i>	<i>213</i>	<i>KL</i>
<i>Det Cord</i>	<i>164'</i>	<i>142266 F</i>	<i>KL</i>
<i>Shape Chrg</i>	<i>20 ea</i>	<i>005222018</i>	<i>KL</i>
<i>Boosters 1/2 lb</i>	<i>46 ea</i>	<i>BRLU 012865</i>	<i>KL</i>
<i>CAPS Elec</i>	<i>40 ea</i>	<i>EX 9709010</i>	<i>KL</i>

Explosives Expended			Signature Of Team Leader: <i>[Signature]</i>
Item	Quantity	Lot Number	Checkers Initials
<i>Caps Non Elec</i>	<i>94 ea</i>	<i>213</i>	<i>KL</i>
<i>Det Cord</i>	<i>164'</i>	<i>142266 F</i>	<i>KL</i>
<i>Shape Charge</i>	<i>20 ea</i>	<i>142266 F</i>	<i>KL</i>
<i>Boosters 1/2 lb</i>	<i>46 ea</i>	<i>BRLU 012865</i>	<i>KL</i>
<i>Caps Elec</i>	<i>40 ea</i>	<i>EX 9709010</i>	<i>KL</i>

Explosives Returned			Signature Of QC Officer: <i>[Signature]</i>
Item	Quantity	Lot Number	Checkers Initials
<div style="position: relative; width: 100%; height: 100%;"> </div>			

The signatures in each section of this document indicate that the items listed in that section were in fact issued, expended, or returned to storage and that the quantities listed were verified through a physical count.

Table 2-5

SENECA ARMY DEPOT ACTIVITY

GEOPHYSICAL QUALITY ASSURANCE SEED ITEM RESULTS EVALUATION

Location	Seed Item ID	Northing	Easting	Elevation	Description (units are inches unless otherwise noted)	Depth (Inches)	Orientation (degrees clockwise from grid north)	Inclination (degrees from vertical unless otherwise noted)	Detected In EM data?	Detected Mag Data	Anomaly ID	Comments
SEAD-57	S57-seed001	1009540.153	738687.376	743.324	1.6 x 3 Al	6	90		Yes			
SEAD-57	S57-seed002	1009505.236	738675.289	742.309	1.6 x 3 Al	6	90		Yes			
SEAD-57	S57-seed003	1009439.477	738660.295	740.779	1.6 x 3 Al	6	180	Vertical	Yes			
SEAD-57	S57-seed004	1009393.735	738663.918	740.138	1.6 x 3 Al	3	45		Yes			
SEAD-57	S57-seed005	1009393.734	738663.78	740.06	1 x 3 Fe	6	180		Yes	Yes		
SEAD-57	S57-seed006	1009187.373	738596.437	739.536	1.6 x 3 Al	6	90		Yes			
SEAD-57	S57-seed007	1009081.039	738636.353	738.017	1.6 x 3 Al	6	0	Vertical	Yes			
SEAD-57	S57-seed008	1009016.455	738679.623	737.938	1.6 x 3 Al	3	45		Yes			
SEAD-57	S57-seed009	1008958.522	738720.381	737.838	1.6 x 3 Al	6	90		Yes			
SEAD-57	S57-seed010	1008882.057	738775.025	738.043	1.6 x 3 Al	6	0		Yes			
SEAD-57	S57-seed011	1008826.35	738794.817	737.804	1.6 x 3 Al	3	0	Vertical	Yes			
SEAD-57	S57-seed012	1008823.258	738861.536	737.881	1.6 x 3 Al	3	90		Yes			
SEAD-57	S57-seed013	1008841.862	738907.091	738.75	1.6 x 3 Al	3	0	Vertical	Yes			
SEAD-57	S57-seed014	1008899.992	738925.144	738.762	1 x 3 Fe	6	45		Yes	Yes		
SEAD-57	S57-seed015	1008974.969	738944.021	738.75	1.6 x 3 Al	6	80	45	Yes			
SEAD-57	S57-seed016	1009055.569	738984.624	739.897	1 x 3 Fe	6	80		Yes	Yes		
SEAD-57	S57-seed017	1009096.678	739040.633	741.095	1.6 x 3 Al	4	25	45	Yes			
SEAD-57	S57-seed018	1009155.494	739082.916	741.098	1.6 x 3 Al	6	60		Yes			
SEAD-57	S57-seed019	1009193.795	739194.195	740.084	1.6 x 3 Al	6	70		Yes		K08-127	
SEAD-57	S57-seed020	1009238.494	739259.623	740.032	1.6 x 3 Al	6	0	Vertical	Yes		P57M08-106	
SEAD-57	S57-seed021	1009266.849	739311.5	739.602	1.6 x 3 Al	6	0		Yes			
SEAD-57	S57-seed022	1009343.086	739219.649	740.59	1.6 x 3 Al	4	90		Yes		P57K10-097	
SEAD-57	S57-seed023	1009381.987	739175.989	741.04	1.6 x 3 Al	6	45		Yes			
SEAD-57	S57-seed024	1009374.91	739096.957	741.49	1 x 3 Fe	6	180		Yes	Yes		
SEAD-57	S57-seed025	1009366.698	739017.527	740.897	1.6 x 3 Al	6	180	30	Yes		J10-012	
SEAD-57	S57-seed026	1009388.143	738981.704	740.861	1 x 3 Fe	6	70		Yes	Yes	I11-043	
SEAD-57	S57-seed027	1009436.924	738939.067	740.543	1.6 x 3 Al	6	0	Vertical	Yes			
SEAD-57	S57-seed028	1009408.979	738883.451	739.972	1 x 3 Fe	6	140		Yes	Yes	I11005	
SEAD-57	S57-seed029	1009363.441	738831.597	739.229	1 x 3 Fe	6	180		Yes	Yes		
SEAD-57	S57-seed030	1009301.043	738838.645	739.433	1 x 3 Fe	6	120		Yes	Yes		
SEAD-57	S57-seed031	1009273.314	738808.809	738.95	1.6 x 3 Al	4	180		Yes			

Notes

1-Coordinates are U.S. State Plane, NY Central, units are U.S. survey feet

P:\PIT\Projects\Seneca Munitions Response\Completion Report\Tables\table 2-4_SEAD57_Seed_Item locations.xls\TABLE-2 Seeded_Items_COE Data

Table 2-5

SENECA ARMY DEPOT ACTIVITY
GEOPHYSICAL QUALITY ASSURANCE SEED ITEM RESULTS EVALUATION

Location	Seed Item ID	Northing	Easting	Elevation	Description (units are inches unless otherwise noted)	Depth (inches)	Orientation (degrees clockwise from grid north)	Inclination (degrees from vertical unless otherwise noted)	Detected in EM data?	Detected Mag Data	Anomaly ID	Comments
SEAD-57	S57-seed032	1009236.831	738774.981	738.662	1.6 x 3 Al	6	180		Yes			Alum Scrap found in hole
SEAD-57	S57-seed033	1009195.46	738739.26	738.56	1.6 x 3 Al	6	60	45	Yes			
SEAD-57	S57-seed034	1009119.641	738744.727	737.819	1.6 x 3 Al	6	200	45	Yes		G08-040	
SEAD-57	S57-seed035	1009042.146	738747.87	737.241	1 x 3 Fe	6	140		Yes	Yes	G08-010	
SEAD-57	S57-seed036	1008952.616	738789.967	737.212	1.6 x 3 Al	6	60		Yes			
SEAD-57	S57-seed037	1009076.578	738855.785	738.03	1.6 x 3 Al	6	10		Yes			Alum Scrap found in hole
SEAD-57	S57-seed038	1009133.233	738874.663	739.344	1.6 x 3 Al	6	330		Yes			Alum Scrap found in hole
SEAD-57	S57-seed039	1009250.911	738936.271	740.173	1 x 3 Fe	6	0	Vertical	Yes	Yes	110-021	
SEAD-57	S57-seed040	1009256.749	739047.689	740.885	1.6 x 3 Al	6	120		Yes			
SEAD-57	S57-seed041	1009277.069	739161.273	740.951	1.6 x 3 Al	6	210		Yes			
SEAD-57	S57-seed042	1009454.039	739195.921	741.93	1.6 x 3 Al	6	90	45	Yes		P57K10-033	
SEAD-57	S57-seed043	1009513.1	739118.585	742.523	1.6 x 3 Al	6	0		Yes			
SEAD-57	S57-seed044	1009536.783	739005.134	742.696	1.6 x 3 Al	6	40	45	Yes			
SEAD-57	S57-seed045	1009568.248	738882.624	741.924	1 x 3 Fe	6	40		Yes	Yes		
SEAD-57	S57-seed046	1009513.08	738817.304	739.771	1.6 x 3 Al	6	300		Yes			
SEAD-57	S57-seed047	1009460.89	738753.535	739.418	1.6 x 3 Al	6	40		Yes		G11-027	
SEAD-57	S57-seed048	1009376.218	738740.932	738.407	1.6 x 3 Al	6	180	45	Yes		G10-047	
SEAD-57	S57-seed049	1009277.96	738714.808	738.645	1.6 x 3 Al	6	0	Vertical	Yes			
SEAD-57	S57-seed050	1009301.414	738633.169	737.801	1.6 x 3 Al	6	340		Yes			
SEAD-57	S57-seed051	1009402.129	738624.509	738.666	1.6 x 3 Al	6	0	45	Yes			
SEAD-57	S57-seed052	1009538.381	738731.459	740.311	1.6 x 3 Al	6	0		Yes			
SEAD-57	S57-seed053	1009583.12	738823.683	741.153	1 x 3 Fe	6		Vertical	Yes	Yes		
SEAD-57	S57-seed054	1009517.005	738897.246	740.974	1.6 x 3 Al	6	70		Yes			
SEAD-57	S57-seed055	1009476.105	739007.908	742.201	1.6 x 3 Al	6	180	45	Yes			
SEAD-57	S57-seed056	1009447.655	739140.356	742.125	1.6 x 3 Al	6	180		Yes			
SEAD-57	S57-seed057	1009443.763	739279.456	741.517	1.6 x 3 Al	6		Vertical	Yes		P57M10-082	
SEAD-57	S57-seed058	1009595.676	739143.145	743.044	1.6 x 3 Al	3	255		Yes			Anomaly found 6 ft North of
SEAD-57	S57-seed059	1009602.57	739046.284	743.297	1.6 x 3 Al	6	0	Vertical	Yes			
SEAD-57	S57-seed060	1009615.141	738948.61	743.369	1.6 x 3 Al	6	0		Yes			

Notes

1-Coordinates are U.S. State Plane, NY Central, units are U.S. survey feet

P:\PIT\Projects\Seneca Munitions Response\Completion Report\Tables\table 2-4_SEAD57_Seed_Item locations.xls\TABLE-2 Seeded_Items_COE Data

Table 2-5

SENECA ARMY DEPOT ACTIVITY
GEOPHYSICAL QUALITY ASSURANCE SEED ITEM RESULTS EVALUATION

Location	Seed Item ID	Northing	Easting	Elevation	Description (units are inches unless otherwise noted)	Depth (inches)	Orientation (degrees clockwise from grid north)	Inclination (degrees from vertical unless otherwise noted)	Detected in EM data?	Detected Mag Data	Anomaly ID	Comments
Grenade Range	GR-seed01	1007920.18	737545.312	726.233	1.5 x 3 Steel	7	230		Yes	NA	GRD3-009	
Grenade Range	GR-seed02	1007979.329	737499.866	725.369	1.5 x 3 Steel	10	0		Yes	NA	GRC3-110	
Grenade Range	GR-seed03	1008050.526	737517.3	725.346	1.6 x 3 Al	6	260		Yes	NA	GRD4-012	
Grenade Range	GR-seed04	1008118.368	737556.614	723.949	1.5 x 3 Steel	6	0	Vertical	Yes	NA	GRD4-017	
Grenade Range	GR-seed05	1008173.162	737497.732	723.162	1.5 x 3 Steel	8	320	45	Yes	NA	GRC4-054	
Grenade Range	GR-seed06	1008221.129	737483.075	723.218	1.6 x 3 Al	8	160	45	Yes	NA	GRC4-051	
Grenade Range	GR-seed07	1008272.961	737520.423	724.743	1.5 x 3 Steel	6	260		Yes	NA	GRD5-001	
Grenade Range	GR-seed08	1008334.99	737544.064	724.606	1.5 x 3 Steel	6	245		Yes	NA	GRD5-028	
Grenade Range	GR-seed09	1008399.142	737470.198	723.588	1.5 x 3 Steel	8	0	45	Yes	NA	GRC5-144	
Grenade Range	GR-seed10	1008495.034	737506.297	721.439	1.5 x 3 Steel	8	260		Yes	NA	GRD5-020	
Grenade Range	GR-seed11	1008558.515	737470.684	721.246	1.6 x 3 Al	8	350	45	Yes	NA	GRC6-185	
Grenade Range	GR-seed12	1008635.154	737499.597	722.957	1.5 x 3 Steel	6	0	Vertical	Yes	NA	GRC6-121	
Grenade Range	GR-seed13	1008677.023	737464.682	722.714	1.5 x 3 Steel	8	310		Yes	NA	GRC6-160	
Grenade Range	GR-seed14	1008728.029	737490.721	722.965	1.5 x 3 Steel	8		Vertical	Yes	NA	GRC6-156	
Grenade Range	GR-seed15	1008746.17	737445.767	722.814	1.5 x 3 Steel	8	40	30	Yes	NA	GRC6-152	
Grenade Range	GR-seed16	1008776.737	737408.471	721.956	1.6 x 3 Al	6	160	45	Yes	NA	GRC7-002	
Grenade Range	GR-seed17	1008706.559	737352.4	720.186	1.5 x 3 Steel	8	120	45	Yes	NA	GRC6-134	
Grenade Range	GR-seed18	1008650.312	737323.323	719.905	1.6 x 3 Al	8		Vertical	Yes	NA	GRC6-092	
Grenade Range	GR-seed19	1008588.89	737398.789	720.879	1.5 x 3 Steel	8		Vertical	Yes	NA	GRC6-120	
Grenade Range	GR-seed20	1008528.478	737373.947	719.834	1.5 x 3 Steel	8	150		Yes	NA	GRC6-020	
Grenade Range	GR-seed21	1008464.472	737344.358	720.915	1.5 x 3 Steel	8	90		Yes	NA	GRC5-181	
Grenade Range	GR-seed22	1008409.661	737317.358	720.761	1.5 x 3 Steel	8	0	45	Yes	NA	GRC5-001	
Grenade Range	GR-seed23	1008330.473	737373.935	722.619	1.6 x 3 Al	8	0	45	Yes	NA	GRC5-123	
Grenade Range	GR-seed24	1008191.89	737373.824	722.398	1.5 x 3 Steel	6	80		Yes	NA	GRC4-044	
Grenade Range	GR-seed25	1008130.351	737434.388	723.83	1.5 x 3 Steel	6	80		Yes	NA	GRC4-057	
Grenade Range	GR-seed26	1008050.764	737410.782	724.443	1.5 x 3 Steel	8	130	30	Yes	NA	GRC4-061	
Grenade Range	GR-seed27	1007999.848	737367.046	724.128	1.5 x 3 Steel	8	60		Yes	NA	GRGAP-015	
Grenade Range	GR-seed28	1007956.185	737332.331	724.3	1.5 x 3 Steel	8	0	45	Yes	NA	GRC3-086	
Grenade Range	GR-seed29	1007900.714	737322.413	724.171	1.5 x 3 Steel	8		Vertical	Yes	NA	GRC3-048	
Grenade Range	GR-seed30	1007878.334	737427.008	725.254	1.5 x 3 Steel	8	0		Yes	NA	GRC3-122	

Notes

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Table 2-5

SENECA ARMY DEPOT ACTIVITY

GEOPHYSICAL QUALITY ASSURANCE SEED ITEM RESULTS EVALUATION

Location	Seed Item ID	Northing	Easting	Elevation	Description (units are inches unless otherwise noted)	Depth (inches)	Orientation (degrees clockwise from grid north)	Inclination (degrees from vertical unless otherwise noted)	Detected in EM data?	Detected Mag Data	Anomaly ID	Comments
Grenade Range	GR-seed31	1007840.829	737244.629	724.416	1.5 x 3 Steel	6	330		Yes	NA	GRB3-89	
Grenade Range	GR-seed32	1007866.257	737200.049	724.478	1.6 x 3 Al	8	95		Yes	NA	GRB3-102	
Grenade Range	GR-seed33	1007878.936	737153.891	724.629	1.5 x 3 Steel	8		Vertical	Yes	NA	GRB3-108	
Grenade Range	GR-seed34	1007914.874	737081.649	725.016	1.5 x 3 Steel	8	110		Yes	NA	GRB3-030	
Grenade Range	GR-seed35	1007976.893	737044.338	724.272	1.6 x 3 Al	6	250	45	Yes	NA	GRB3-034	
Grenade Range	GR-seed36	1008022.668	737083.795	724.017	1.5 x 3 Steel	8	220	10	Yes	NA	GRB4-027	
Grenade Range	GR-seed37	1008068.632	737126.214	723.596	1.5 x 3 Steel	8	280		Yes	NA	GRB4-019	
Grenade Range	GR-seed38	1008116.611	737183.875	722.755	1.5 x 3 Steel	8	210	45	Yes	NA	GRB4-012	
Grenade Range	GR-seed39	1008155.772	737234.497	721.687	1.5 x 3 Steel	8	270		Yes	NA	GRB4-066	
Grenade Range	GR-seed40	1008199.424	737271.416	721.633	1.6 x 3 Al	8		Vertical	Yes	NA	GRC4-023	
Grenade Range	GR-seed41	1008233.464	737223.491	721.717	1.5 x 3 Steel	8	330		Yes	NA	GRB4-041	
Grenade Range	GR-seed42	1008245.997	737173.2	722.083	1.5 x 3 Steel	6	290		Yes	NA	GRB4-047	
Grenade Range	GR-seed43	1008277.134	737121.522	721.771	1.5 x 3 Steel	8		Vertical	Yes	NA	GRB5-116	
Grenade Range	GR-seed44	1008292.86	737042.134	721.694	1.6 x 3 Al	8	330	45	Yes	NA	GRB5-121	
Grenade Range	GR-seed45	1008339.604	737012.801	721.216	1.5 x 3 Steel	8	15		Yes	NA	GRB5-123	
Grenade Range	GR-seed46	1008382.389	737050.977	721.34	1.5 x 3 Steel	6		Vertical	Yes	NA	GRB5-091	
Grenade Range	GR-seed47	1008409.2	737100.924	720.408	1.5 x 3 Steel	8	30	30	Yes	NA	GRB5-074	
Grenade Range	GR-seed48	1008454.281	737169.3	720.029	1.6 x 3 Al	8	40	10	Yes	NA	GRB5-038	
Grenade Range	GR-seed49	1008478.234	737227.666	719.352	1.5 x 3 Steel	8		Vertical	Yes	NA	GRB5-042	
Grenade Range	GR-seed50	1008507.815	737273.68	719.688	1.6 x 3 Al	8	18	45	Yes	NA	GRC6-056	
Grenade Range	GR-seed51	1008561.94	737158.792	719	1.5 x 3 Steel	8	317		Yes	NA	GRB6-175	
Grenade Range	GR-seed52	1008598.317	737112.67	719.707	1.5 x 3 Steel	8	240	45	Yes	NA	GRB6-049	
Grenade Range	GR-seed53	1008609.435	737043.249	719.764	1.5 x 3 Steel	8	330		Yes	NA	GRB6-038	
Grenade Range	GR-seed54	1008606.752	736986.282	718.611	1.5 x 3 Steel	8	15		Yes	NA	GRA6-011	
Grenade Range	GR-seed55	1008621.087	736934.833	718.087	1.5 x 3 Steel	8	260	45	Yes	NA	GRA6-001	
Grenade Range	GR-seed56	1008523.749	736944.856	718.936	1.5 x 3 Steel	8		Vertical	Yes	NA	GRA6-021	
Grenade Range	GR-seed57	1008414.403	736944.842	719.134	1.5 x 3 Steel	8	160		Yes	NA	GRA6-24	
Grenade Range	GR-seed58	1008234.749	736951.009	719.78	1.5 x 3 Steel	8	170		Yes	NA	GRA4-002	
Grenade Range	GR-seed59	1008108.945	736968.101	721.242	1.5 x 3 Steel	8		Vertical	Yes	NA	GRA4-001	
Grenade Range	GR-seed60	1007982.124	736978.471	722.446	1.5 x 3 Steel	8	260	10	Yes	NA	GRA3-002	
Grenade Range	GR-seed61	1007837.528	737039.834	724.681	1.5 x 3 Steel	8	185		Yes	NA	GRB3-026	
Grenade Range	GR-seed62	1007790.509	737142.611	725.515	1.5 x 3 Steel	8	310	45	Yes	NA	GRB3-010	
Grenade Range	GR-seed63	1007785.546	737245.662	725.082	1.5 x 3 Steel	8	250	30	Yes	NA	GRB3-089	
Grenade Range	GR-seed64	1007773.731	737322.135	724.301	1.5 x 3 Steel	8	195		Yes	NA	GEB3-009	
Grenade Range	GR-seed65	1007816.125	737489.861	725.803	1.5 x 3 Steel	8	280	30	Yes	NA	GRC3-128	

Notes

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P:\IT\Projects\Seneca Munitions Response\Completion Report\Tables\table 2-4_Grenade_Range_Seed_Item locations.xls\TABLE-2 Seeded_Items_COE Data

APPENDIX F
WOODS TRANSECT INVESTIGATION SUMMARY

Table 2-6
SEAD 57 Woods Transect Investigation
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Transect #	A Linear Width (ft)	B Linear Width (ft)	Linear Length (ft)	Area (sq ft)	Median Width (ft)	Total Anomalies	Munitions Debris
South Transect							
S-1	10	10	490.4	4,904	for Trapezoid area	28	2
S-2	10	10	414.1	4,141		7	1
S-3	10	10	401	4,010		20	0
S-4	10	10	405.2	4,052		37	3
S-5	10	10	251.3	2,513		39	1
S-6	10	10	272.1	2,721		33	3
S-7	23	23	195.1	4,487		37	1
S-8	17.3	12.9	216.4	3,268	15.1	33	1
S-9	10	15	227.7	2,846	12.5	27	2
S-10	19.1	10	251.9	3,665	14.55	20	0
S-11	15.6	10	302.9	3,877	12.8	14	0
S-12	10	10	232.1	2,321		23	0
S-13	10	10	234.5	2,345		17	0
West Transect							
W-1	10	10	481.21	4,812		17	13
W-2	15.5	10	463.4	5,908	12.75	21	21
W-3	10	10	492.6	4,926		19	13
W-4	10	10	499.6	4,996		37	37
W-5	10	10	483.7	4,837		33	32
W-6	10	10	468.4	4,684		49	39
W-7	10	10	497.11	4,971		54	49
W-8	10	10	485.2	4,852		57	53
W-9	10	10	494	4,940		42	31
W-10	10	10	482.5	4,825		19	6
W-11	10	10	501.8	5,018		29	21
W-12	10	10	492.2	4,922		67	54
W-13	10	10	512.5	5,125		95	20
W-14	10	10	278	2,780		54	19
East Transect							
E-1	12	12	255.11	3,061			
E-2	12	12	322.51	3,870		11	1
E-3	12	12	335.47	4,026		5	0
E-4	12	12	356.43	4,277		12	1
E-5	12	12	350.11	4,201		12	0
E-6	12	12	342.23	4,107		8	0
E-7	12	12	389.2	4,670		18	1
E-8	12	12	449.42	5,393		13	0
E-9	10	10	483.28	4,833		9	0
E-10	10	10	452.29	4,523		6	0
E-11	10	10	439.21	4,392		5	0
E-12	10	10	443.19	4,432		9	0
E-13	10	10	438.36	4,384		3	0
Total Area (sq ft)				168,916	Total Anomalies		1039
Total Area (Acres)				4	Total Munitions Debris		425

Table 2-6
SEAD 46 Woods Transect Investigation
Explosives Safety Submission Completion Report
Seneca Army Depot Activity

Transect #	A Linear Width (ft)	B Linear Width (ft)	Linear Length (ft)	Area (sq ft)	Total Anomalies	Munitions Debris
East Transects						
E-02	10	10	126.2	1,262		
E-03	10	10	130.2	1,302	47	6
E-05	10	10	128.8	1,288	44	9
E-06	10	10	137.1	1,371	34	6
E-09	10	10	344	3,440		
E-13	10	10	420.2	4,202	51	20
E-15	10	10	162.5	1,625		
E-18	10	10	113.2	1,132	11	2
E-21	10	10	575.6	5,756		
E-23					23	0
E-24	10	10	565.3	5,653		
E-31	10	10	670.11	6,701	35	8
E-35	10	10	580.4	5,804	43	3
E-36	10	10	583.7	5,837		
North Transects						
N-01	EOD #3					
N-02	EOD #3					
N-03	EOD #3					
N-04	EOD #3					
N-05	EOD #3					
N-06	EOD #3					
N-07	10	10	113.4	1,134		
N-08	10	10	264	2,640	57	4
N-10	10	10	150.2	1,502		
N-11	20.2	20.2	125	2,525		
N-13	10	10	174.1	1,741	89	0
Total Area (sq ft)				54,915	Total Anomalies	Total MD
Total Area (Acres)				1.1	434	58