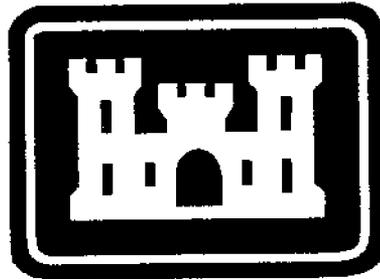


FINAL REMOVAL ACTION REPORT
Ordnance Removal Action
Former Camp Croft - Spartanburg, SC

PREPARED FOR:

U.S. ARMY CORPS OF ENGINEERS
ENGINEERING AND SUPPORT CENTER, HUNTSVILLE



DACA87-94-D-0019

Task Order 0019

PREPARED BY:

HUMAN FACTORS APPLICATIONS, INCORPORATED



12 August 1997

The Views, Opinions, and/or Findings Contained in This Report are Those of the Author and Should Not Be Construed as an Official Department of the Army Position, Policy, or Decision, Unless So Designated by Other Documentation.

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1.1 INTRODUCTION

1.1.1 Human Factors Applications, Inc., under contract to the U.S. Army Corps of Engineers, Huntsville Center (CEHNC) for Ordnance and Explosives (OE), Remediation of Sites East of the Mississippi River, performed a Removal Action at Former Camp Croft, Spartanburg, SC under Contract # DACA87-94-D-0019, T.O. 019 signed 2 May 1996. Former Camp Croft is located in the south east part of Spartanburg, SC and was used in World War Two as an Infantry Training Replacement Center.

1.1.2 The former Camp Croft Training Facility consisted of approximately 19,044 acres and is located five miles southeast of Spartanburg, SC. Currently Croft State Park utilizes over 7,088 acres and the remainder is divided between farm land, private industry, and residential property to include a public golf course. Five portions of Former Camp Croft were identified for OE Removal Action. Ordnance Operable Unit 1B, 2, 7, and Area 39 were located within the Croft State Park boundaries. Ordnance Operable Unit 3 was located in an residential area of Spartanburg which was part of Camp Croft during its active phase in World War Two.

1.1.3 In preparation for subsequent removal activities HFA, Inc. mobilized four UXO personnel in early May 1996 to begin preliminary operations such as site setup and area familiarity. On 28 May 1996 the Senior UXO Supervisor and the Quality Assurance Officer mobilized to the site. On 4 June 1996 authorization was received to mobilize the remainder of the work force. A total twelve UXO Specialists, three UXO Supervisors, one Quality Control Officer, one Site Safety Officer, and the SUXOS were authorized. An additional UXO Supervisor was authorized to perform mapping and data services as well as supervise the surveying and grid layout for the site. Permission to go intrusive was received on 14 June 1996 and UXO operations commenced in OOU-7.

1.1.4 Digital maps of the site were provided by CEHNC, the individual site boundaries and grid network were established using this map. All grids were nominally 100 ft. by 200 ft. All site monumentation and grid corners were established by a South Carolina registered land surveyor. All of the site maps and plotted UXO locations can be found in Appendix E.

2.1 DISCUSSION

2.1.1 Ordnance Operable Unit - 7

2.1.1.1 OOU-7 is located in the southeast part of the park and is bordered by Lake Craig. OOU-7 includes the park office, store, horse exercise yard, corral, and campgrounds. OOU-7 is considered the busiest part of the park and consisted of 330 grids. Search and removal activities were started in this section of the park in order to finish it earlier and allow this section of the park to resume normal activities as soon as possible. The size of the grids were normally 100 foot by 200 foot. Three grids, Y7, Y8, and Y15 fell entirely in Lake Craig, and these grids were not

searched or cleared of UXO. A CEHNC Form 948 was issued for accountability purposes. The area ranged from open flat terrain to primitive areas covered with dense vegetation. There were 66,722 anomalies investigated to a depth of two feet. Approximately 8,493 pounds of scrap, to include 3,667 pounds of non OE scrap and 4,826 pounds of OE related scrap, were located and removed from the grids. All scrap was inert and released to a local scrap dealer at no expense to the government. See Appendix I for scrap turn in documentation.

2.1.1.2 OOU-7 yielded 140 items of UXO. There were seven 81mm high explosive filled mortars, one hundred and twenty six 60mm high explosive filled mortars, five Mark Two fragmentation hand grenades, one 2.36 inch High Explosive Antitank (HEAT) Rocket, M6 Series, and one M9A1 (HEAT) Rifle Grenade. All UXO was detonated in place in the grids where it was found.

2.1.1.3 Removal operations started on 20 June 1996 and were completed on 12 November 1996.

2.1.2 Ordnance Operable Unit -1B

2.1.2.1 OOU-1B consists of 136 grids and is located in the approximate center of Croft State Park. OOU-1B is a primitive area with dense undergrowth, fallen trees, steep gulleys, and creeks. A surface search and removal was performed over most of OOU-1B, with a sub surface to two feet performed over the horse trails. Initially it was indicated that OOU-1B contained some 3,000 feet of horse trails, however only 600 feet were encountered. Grids K8, L-8, and T17 each had approximately 200 feet. Boundaries were established ten feet on either side of the horse trail segments and anomalies were investigated to a depth of two feet. No UXO was located during the subsurface investigation of the horse trails. Schonstedt magnetometers were used during the surface portion of the clearance to help locate UXO concealed by leaves and other ground cover.

2.1.2.2 A total of eleven UXO items, consisting of two 81mm high explosive filled mortars and nine 60mm high explosive filled mortars were located and destroyed in OOU-1B. A total of 540 pounds of scrap, consisting of 283 pounds of OE related scrap and 257 pounds of non OE scrap, were located and removed from the grids. All scrap was inert and released to a local scrap dealer at no expense to the government. See Appendix I for scrap turn in documentation.

2.1.2.3 Removal operations started on 2 June 1996 and were completed on 1 August 1996.

2.1.3 Ordnance Operable Unit-2

2.1.3.1 OOU-2 consisted of 785 grids and was located in the northwest part of Croft State Park. OOU-2 was surface cleared with the exception of the horse trails. Boundaries were established ten feet on either side of the horse trails and anomalies were investigated to a depth of two feet. Initially it was indicated there were approximately 5,700 feet of horse trails in OOU-2, however, the horse trails were actually located somewhere between Area 39 and OOU-2. Permission was requested by the Park Service and received from CEHNC to plot and clear 5,400 feet of horse trails in OOU-2. The park superintendent, Mr. Perry, was provided a UXO avoidance team and

trails in OOU-2. The park superintendent, Mr. Perry, was provided a UXO avoidance team and he laid out the course of the horse trail. These new trails were surveyed and plotted on the site maps. Schonstedt magnetometers were used during the surface portion of the clearance to help locate UXO concealed by leaves and other ground cover.

2.1.3.2 OOU-2 yielded a total of 56 UXO items, consisting of three 81mm high explosive filled mortars and fifty three 60mm high explosive filled mortars. The UXO was blown in the grids. A total of 2,742 pounds of scrap, consisting of 927 pounds of OE related scrap and 1,815 pounds of non OE scrap, was located and removed from the grids. All scrap was inert and released to a local scrap dealer at no expense to the government. See Appendix I for scrap turn in documentation.

2.1.3.3 Removal operations started on 11 November 1996 and were completed on 20 March 1997.

2.1.3.4 Horse Trails in OOU-2: During the grid laying process for OOU-2, it was discovered there were no horse trails located in OOU-2. The actual horse trail lay somewhere between Area 39 and OOU-2. Permission was received from CEHNC to establish 5,400 feet of new trails in OOU-2. Park personnel marked where they wanted the trails. The size of the trail grids were 200 feet long by 30 feet wide. The grids were cleared to a depth of two feet.

2.1.3.4.1 The horse trails yielded one 81mm high explosive filled mortar and thirteen 60mm high explosive filled mortars. A total of 244 pounds of scrap, consisting of 150 pounds of OE related scrap and 94 pounds of non OE scrap, were located and removed from the grids. All scrap was inert and released to a local scrap dealer at no expense to the government. See Appendix I for scrap turn in documentation.

2.1.3.4.2 Removal operations started in on the horse trails in this OOU on 5 March 1997 and were completed on 20 March 1997.

2.1.4 Area 39

2.1.4.1 Horse trails in Area 39 were identified in the Supplemental Archive Search Report as a potential OE area. The horse trails in Area 39 consisted of 36 grids. The size of the grids were normally 30 feet wide by 200 feet long. The boundaries were marked 10 feet on either side of the trails and all anomalies were investigated using Schonstedt magnetometers to search to a depth of two feet.

2.1.4.2 No UXO was located on the horse trails in Area 39. There was a total of 591 anomalies investigated which yielded 20 pounds of OE scrap and 81 pounds of non OE scrap. All scrap was inert and released to a local scrap dealer at no expense to the government. See Appendix I for scrap turn in documentation.

2.1.5 Ordnance Operable Unit-3

2.1.5.1 OOU-3 consisted of 16 grids and was located on private property in a residential area at 160 Wedgewood Place, Spartanburg, SC. One house was located in the area and was bordered by other houses and a public golf course. Part of the area was the front and back yards of the house. The remainder of the area was generally wooded and located on a incline at the rear of the house. The property at the rear of the house bordered the public golf course. Engineering controls were used during excavation of anomalies for safety. A CEHNC Form 948 was issued stating that if a UXO item was located in OOU-3 and was considered safe to move it could be transported to OOU-2 and disposed of in that area.

2.1.5.2 A total of seven Mark Two high explosive filled fragmentation hand grenades were located in OOU-3. The grenade fuzes had eroded off and all grenades were relocated to OOU-2 for disposal. A total of 3,812 anomalies were investigated and resulted in 197 pounds of OE related scrap and 116 pounds of non OE related scrap. All scrap was inert and released to a local scrap dealer at no expense to the government. See Appendix I for scrap turn in documentation.

2.1.5.3 The grids established in this OOU were plotted according to the local real estate plats and are not based on the state plane coordinate system. This was determined after conversations between the CEHNC PM and the HFA PM, because of the additional time and cost for a formal survey.

2.1.5.4 Removal operations began in OOU-3 on 3 March 1997 and were completed on 13 March 1997.

3.1 SITE SAFETY

3.1.1 A site safety officer was assigned to the site. Safety briefings were conducted each morning prior to departure of the Teams to the grids. The SSO observed all demolition activities and ensured that were conducted in a safe manner. The Site Safety Officer maintained the safety records and ensured that required training and physicals were current.

3.1.2 There were no lost time accidents at this site. There were several minor cases of poison ivy contracted by several of the HFA UXO personnel. Treatment of these cases was routine and without complications.

3.1.3 The Site Safety Journals can be found at Appendix C.

4.1.1 A Quality Control Officer was assigned to the site. The QCO was responsible for ensuring the sweep teams were working in accordance with established procedure and that all site equipment functioned as required. The QCO coordinated with the COE QA Officer and ensured all completed grids received adequate quality control and quality assurance.

4.1.2 All site magnetometers were checked each day prior to commencing field operations. The magnetometers performed as expected, only four were returned to the manufacturer for repairs or calibration, this is well within expectations.

4.1.3 All grids satisfactorily passed HFA QC inspection and CEHNC QA inspection. All CEHNC 948's documenting QA inspections and other site activity can be found at Appendix D.

5.1 EXPOSURE DATA

5.1.1 The following three tables provide a summary of the expenses incurred during the course of this project.

**TABLE 1
DEMOLITION MATERIALS EXPENDED**

ELECTRIC BLASTING CAPS	DETONATING CORD	JET PERFORATORS
130 each	3,020 feet	228 each

**TABLE 2
EXPOSURE DATA**

TOTAL MAN HRS WORKED ON SITE	TOTAL NUMBER OF MILES DRIVEN	TOTAL NUMBER OF FLYING HOURS	TOTAL NUMBER OF FLIGHTS
27,980.5 man hours	61,869 miles	110 hours	16 flights

5.1.2 Table 3 depicts cost by task up to this date, and does not include any costs associated with the production of this report. This table will be updated in the final version of this report.

**TABLE 3
COST BY TASK**

		Contract Number DACAB7-94-D-0019											Location Former Camp Croft, Spartanburg, SC		
		Task Order Number 0019											Project: Ordnance Removal Action		
		Prepared By:													
Labor Hours													Total	Total	
SERV CUN	LABOR CATEGORY	LABOR RATE	Task 1	Task 2	Task 3	Task 4A	Task 4B	Task 4C	Task 4D	Task 4E	Task 5	Task 6	Task 7	Hours	Cost
														1485.5	\$24,658.30
	Clerk / Typist (A)	16.8	0	0	50	733	100	602.5	0	0	0	0	0	6.5	\$142.18
	Clerk / Typist (B)	21.87	0	0	6.5	0	0	0	0	0	0	0	0	47.5	\$967.35
	Clerk Typist (C)	20.365	37	0	0	2	2	2	2	2.5	0	0	0	1538.5	\$1,908.98
	Clerk Typist Fee	1.24	37	0	56.5	7.35	102	604.5	2	2.5	0	0	0	181	\$10,659.09
	Project Manager	58.89	67	0	0	0	23	607	23	23	22	0	0	1552	\$68,241.44
	Senior UXO Supervisor	43.87	0	0	82	750	103	600.5	0	0	0	0	0	1580.5	\$63,969.91
	Site Safety Officer	40.22	53	0	64	750	103	600.5	0	0	0	1525	0	1525	\$60,847.50
	Quality Control Spec.	39.9	0	0	0	0	0	0	0	0	0	0	0	5145.5	\$203,247.25
	UXO Supervisor	39.5	0	0	187.5	2218	310	2240	140	50	0	0	0	17567.5	\$599,754.45
	UXO Specialist	34.14	0	0	332	8728.5	1199	8552	560	200	0	0	0	29638	
	Labor Hours		0	0	0	13918.5	1938	11231.5	727	278	22	1525	0		
	Labor Cost		\$6,876.68	\$0.00	\$27,136.61	\$502,480.52	\$139,739.07	\$436,062.88	\$27,252.60	\$10,213.38	\$1,295.58	\$80,847.50	\$0.00		\$1,034,397.42
	Materials		\$0.00	\$0.00	\$15,680.29	\$123,457.00	\$17,190.00	\$64,737.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$221,044.29
	Travel&Per Diem		\$3,956.74	\$0.00	\$17,354.28	\$194,181.00	\$28,406.00	\$96,124.00	\$10,055.00	\$3,591.00	\$0.00	\$0.00	\$0.00		\$351,667.02
	TOTAL COST		\$10,833.42	\$0.00	\$60,151.18	\$820,118.52	\$183,334.07	\$596,923.88	\$37,307.60	\$13,804.38	\$1,295.58	\$80,847.50	\$0.00		\$1,807,108.73

6.1 CONCLUSIONS

6.1.1 The removal action was completed on 20 March 1997, with subsequent demobilization of the three teams and the Site Safety Officer on 21 March 1997. Three personnel remained on the site to complete maintenance, inventory, and administration. Final demobilization was effected on 25 March 1997.

6.1.2 All site material and equipment, to include the explosives, remained at the job site for use when HFA personnel returned for follow on work under TO 0023. Another contractor, ESE, was sharing HFA's explosive storage facility and their explosives also remained on site. Security guards remained at the site, providing 24 hour security.

6.1.3 The removal action was completed on time and under budget. There were no explosive accidents or lost time personal injuries. All work was completed as outlined in the SOW. Appendix H provides a comprehensive table which identifies the UXO located and it's coordinates.

6.1.4 The park officials were extremely helpful and without their assistance, this project would have been more challenging. The use of their radio repeater was invaluable to safely performing this removal. They also assisted HFA by performing law enforcement in the park areas, providing enhanced public safety.

7.1 DOCUMENTATION

- Statement of Work
- SUXOS Daily Journals
- Site Safety Documentation
- Site Quality Control Documentation
- Site Maps
- Grid Location Forms
- Site Photographs
- Listing of UXO
- Scrap Turn In Documentation
- Site Video Tape, provided separately

APPENDIX A
STATEMENT OF WORK

**STATEMENT OF WORK
ORDNANCE REMOVAL ACTION
FORMER CAMP CROFT
SPARTANBURG, SOUTH CAROLINA**

08 May 1996

1.0 BACKGROUND AND GENERAL STATEMENT OF WORK: This work required under this Scope of Work (SOW) falls under the Defense Environmental Restoration Program - Formerly Used Defense Sites (DERP-FUDS). Ordnance and explosives (OE) exists on property formerly owned by the Department of the Army.

1.1 Explosive ordnance is a safety hazard and constitutes an imminent and substantial endangerment to site personnel and the local populace. During this removal action, it is the Government's intent that the contractor destroy, by detonation, on-site, all Unexploded Ordnance (UXO) encountered. This action will be performed in substantial compliance with the Comprehensive Environment Response, Compensation, and Liability Act (CERCLA), Section 104 and the National Contingency Plan (NCP), Section 300.400; therefore, permits for on-site disposal are not required.

1.2 This ordnance removal action does not fall under the RCRA hazardous waste management requirements.

1.2.1 Per the Department of the Army Policy, the applicable provisions of 28 CFR 1910.120 apply.

1.2.2 Due to the inherent risk in this type of operation, the contractor shall be limited to a 40-hour work week: either five 8-hour days or four 10-hour days. UXO personnel shall not perform UXO-related tasks more than 10 hours per day.

1.2.3 This Project does not require an on-site, full time Contract Manager.

1.3 GENERAL DESCRIPTION: The former Camp Croft Training Facility was approximately 19,044.46 acres and was approximately 5 miles southeast of Spartanburg, South Carolina. Current land usage is approximately 7,088.08 acres for Camp Croft State Park, 4,936.24 acres for farming, 256 acres for private industry, and 6,764.14 acres of residential used to include a public golf course. This SOW pertains to Ordnance Operable Units (OOU) 1B and 7, OOU 2 and 3 as identified by the Engineering Evaluation/Cost Analysis (EE/CA), Former Camp Croft, January 1996 and Area A39 as identified by the Supplemental Archives Report.

1.3.1 Ordnance Operable Unit-1B. OOU-1B is approximately 65 acres located in the center of the park and used for surface recreation. During the EE/CA 60mm and 81mm mortars were

found in this area. This area is to be surface cleared with the exception of the horse trails which shall be cleared to a depth of two feet to include 10 feet on either side of the trail. The horse trails are approximately 3,000 feet long.

1.3.2 Ordnance Operable Unit-7. OOU-7 is approximately 170 acres located in the vicinity of Camp Croft State Park office and campgrounds and is the Park's busiest area. OOU-7 shall be subsurface cleared to two feet. During the Time Critical Removal Action (TCRA) and the EE/CA performed on OOU-7, 60mm, 81mm mortars, 2.36 inch rocket parts and small arms were found.

1.3.3 Ordnance Operable Unit 2. OOU-2 is a 325 acre area located on the east side of the park, approximately 0.7 mile from State Highway 295. Activities performed in OOU-2 are generally limited to recreational surface use which includes hiking and horseback riding. During the EE/CA performed on OOU-2, 60mm, 81mm mortars, 4.2 inch mortar parts and small arms were found. OOU-2 shall be surface cleared only with the exception of the horse trails which shall be cleared to a depth of two feet to include 10 feet on either side of the trail. The horse trails are approximately 5,700 feet long.

1.3.4 Ordnance Operable Unit-3. OOU-3 is located on private residential property. A MkII hand grenade, practice grenades and grenade parts and fragmentation were found during the EE/CA. This area is approximately 11 acres and shall be cleared to a depth of two feet.

1.3.5 Area 39. This area was identified in the Supplemental Archive Search Report as a potential OE area. This area shall consist of clearance of the horse trails which shall be cleared to a depth of two feet to include 10 feet on either side of the trail. The horse trails are approximately 6,375 feet long.

1.3.6 Other ordnance items found on Camp Croft during the TCRA and EE/CA include 37mm, 57mm, 105mm and 155mm artillery projectiles and hand grenades.

1.3.7 The site's proximity to public roads and inhabited areas may create a physical security situation during demolition operations that shall be addressed in the work plan.

1.4 DEFINITIONS: Definitions of applicable terms are found in Section C, paragraph 2.4, of the basic contract.

2.0 OBJECTIVE: Safely locate, identify, and dispose of all surface OE and OE scrap described in Task 4. Safely locate, identify, and dispose of all subsurface OE and OE scrap to a depth of 2 feet described in Task 4.

3.0 DESCRIPTION OF SERVICES:

3.1 (TASK 1) PERFORM SITE VISIT AND PREPARE WORK PLAN (WP):

3.1.1 PERFORM SITE VISIT: This task shall be accomplished IAW Section C, paragraph 3.2, of the Basic Contract. Prior to preparation of the WP, a site visit, not to exceed 5 days including travel time, is authorized. The site visit team shall not exceed two persons, one of whom shall be a Senior UXO Supervisor. The contractor shall be prepared to make the site visit within 5 days of award of the Delivery Order and shall notify the USAESCH Project Manager (Ms. Patricia Berry) of the proposed dates. The site visit shall include coordination with the appropriate agencies to include local medical facilities, and local airfield/port. During the site visit, environmental concerns and endangered species in the ordnance removal areas shall be addressed. The contractor shall prepare an abbreviated site safety and health plan prior to the site visit. This plan shall be submitted to the USAESCH Safety Office for approval.

3.1.2 PREPARE WORK PLAN: The WP shall outline the contractor's proposed methodology of accomplishing the objective. This shall include site-specific training, UXO-related procedures and practices, equipment, administrative area equipment, demolition material; and their security and accountability system, personal protective equipment, responsibilities and qualifications of personnel, organizational structure to include subcontractor(s), if applicable, internal and external communications, project site office, a project schedule, UXO safety and site general safety to include snakes, ticks, and other flora and fauna, quality control procedures, on-site and off-site emergency medical arrangements to include transportation, and the completion of ENG Form 3394 in the event of an accident. All UXO-related procedures shall comply with CEHNC Safety Concepts and Basic Considerations for UXO. Additionally, the WP shall include maps in sufficient scale to clearly identify proposed work sites boundaries. One map shall show all work sites and separate maps shall be prepared for each work site.

3.1.3 DISPOSAL ALTERNATIVES: Based on the site visit, the contractor shall describe feasible alternatives for disposal and recommend the safest and most cost-effective method of treatment and disposal of OE. If "blown in place" is the only method of disposal recommended by the contractor, a feasibility letter is not required. If other than the "blown in place" alternative is recommended, the contractor shall provide disposal alternatives IAW Section C, paragraph 3.3, of the Basic Contract. The method of treatment shall be selected and approved by the contracting officer after which the contractor shall proceed with preparation of the WP.

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

3.1.4.1 The WP shall include the following subplans written IAW Data Item Description OT-005 of the Basic Contract.

3.1.4.2 UXO Operational Plan.

3.1.4.3 Site-specific Safety and Health Plan (SSHP). The contractor shall submit a SSHP LAW 29CFR 1910.120 that contains OE safety standards and procedures.

3.1.4.3 Equipment Plan (EP). The contractor shall prepare and submit a detailed EP (as a WP subplan) describing the equipment to be employed to perform all necessary operations.

3.1.4.4 Location Survey and Mapping Plan.

3.1.4.5 Environmental Protection Plan.

3.1.4.6 Quality Control Plan.

3.1.4.7 Work, Data, and Cost Management Plan.

3.1.4.8 Technical and Management Plan

3.1.5 In addition to the WP and subplans required above, a brief, concise, separate document (the *Remedial Action Safety Plan (RASP)*) shall be prepared for submission with the WP. The RASP shall contain the following information and may reference chapters of the WP, when applicable.

3.1.5.1 Site location and description.

3.1.5.2 Projected removal action starting date.

3.1.5.3 Suspected items.

3.1.5.4 An assessment of the potential for migration of contamination and a description of the steps taken to halt such migration.

3.1.5.5 Precautions to be taken if toxic chemical agent items are accidentally discovered.

3.1.5.6 Name of UXO contractor.

3.1.5.7 An on-site detailed disposal plan.

3.1.5.8 A drawing of the site.

3.1.5.9 Location of the demolition area(s) as a potential explosive site and distances of potential exposed sites.

3.1.5.10 A summary of risk assessment and mitigating features at demolition areas.

3.1.5.11 When it is applicable, the off-site disposal plan will include the following specific information: how the off-site disposal will be accomplished; who will perform the actual off-site disposal; the off-site disposal location; transportation procedures; and, the expected results of the disposal action.

3.1.5.12 Identify the basic contract and the delivery order.

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

3.2 (TASK 2) COMMUNITY RELATIONS

3.2.1 The contractor shall assist in the conduct of public meetings and media days, as required, to inform the public of the purpose of the project, the procedures to be followed, and the cooperation requested.

3.2.2 All press releases and media appearances shall be coordinated with, and approved by, the PAO, U.S. Army Corps of Engineer District, Charleston.

3.3 (TASK 3) LOCATION SURVEYING AND MAPPING

3.3.1 Surveying. The Contractor shall perform all location surveys and mapping required to establish boundaries of areas specified in Paragraph 1.3 and as required to support the project. During all field and intrusive activities, the survey crew shall be accompanied by a UXO specialist who shall perform a UXO survey in each area prior to the surveyors starting work. Based on site conditions it is possible that a UXO escort will not be required in all areas at all times after the initial site visit. However, such a decision will be made jointly by the on-site safety officer and the CEHNC Safety Specialist who may rescind or modify it at any time. Grid corners shall be established using precision surveying methods. Each corner of each grid area shall be located by establishing the appropriate state plane grid system to the closest 1 foot and shall be both tabulated and shown on maps of the site. Other coordinate systems and accuracy specifications are not acceptable and shall not be used. The Contractor shall mark and survey the corners of the designated grids with stakes or other visible temporary markers. Individual locations of recovered UXOs only shall be tape measured or the "x" and "y" distance estimated to obtain a horizontal accuracy of plus or minus one foot from the established grid corners. If subsurface UXO is encountered, their depth below ground surface shall also be measured. The location of ordnance scrap, ordnance fragments, shrapnel, small arms ammunition and metallic debris shall be recorded only on a "per-grid" basis and not located by coordinates. The use of Total Station, GPS or other precision survey methods to locate individual OE, OE scrap, or geophysical anomalies within a grid shall not be performed. A magnetometer shall be used to survey the location for the establishment of any monuments or markers.

3.3.2 Planimetric maps and digital orthophotography for the areas required for this SOW are available from CEHNC-ED-CS-D, in DGN and TIF format, upon request. These base files shall be used, and referenced, in the development of detail grid files for preliminary and final submittal.

3.3.3 Items and data to be submitted to CEHNC as part of the tasks are as follows:

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

3.3.3.2 A tabulated list of the respective grid corners for all grids cleared will be required for all the areas listed in Par. 1.3.

3.3.3.3 An electronic and hard copy of all drawing files and reference files used for and developed as part of this removal action. These files shall meet the following requirements:

3.3.3.3.1 Each file shall have a standard metric A-1 size drawing which is 841 mm by 594 mm (33.1 inches by 23.4 inches). Each sheet shall also have a standard border, revision block, title block, complete index sheet layout, bar scale, legend, metric grid lines, grid tick layout, a magnetic north, a grid north, and a true north arrow, and be plotted at a horizontal scale of 1:2,000. Each file shall have a standard metric A-1 size drawing which is 841 mm by 594 mm (33.1 inches by 23.4 inches). Each sheet shall also have a standard border, revision block, title block, complete index sheet layout, bar scale, legend, metric grid lines, grid tick layout, a magnetic north, a grid north, and a true north arrow, and be plotted at a horizontal scale of 1:2,000.

3.3.3.3.2 No digital data will be accepted until proven compatible with the CEHNC Graphics System. All revisions required to obtain compatibility with the CEHNC Graphics System shall be done at the contractor's own expense.

3.3.3.3.3 The Government shall be provided with a copy of the design files on 8 mm 5.0, or 10.0 gigabyte magnetic tapes, 3 1/2" HD floppy disks, or approved CD ROM format. The CD ROMs are preferred. The data to be submitted shall contain the final, corrected version of the design file. The tapes or disks shall be labeled, showing the project name, project number, date, company name, address and telephone number, and the number of files.

3.4 (TASK 4) ORDNANCE AND EXPLOSIVES REMOVAL. This task shall be accomplished IAW Section C, paragraph 3.5, of the Basic Contract.

3.4.1 The contractor shall furnish all necessary personnel and equipment to perform a surface and/or subsurface clearance, as specified below, of all OE on the project site. This action shall also include all OE-related scrap and non OE-related metallic scrap greater than 1 square inch in size.

3.4.2. A planned, systematic approach shall be utilized to search and clear the project site that will result in optimum search effectiveness. The proposed methodology shall be outlined in the WP.

3.4.3 UXO encountered during this project shall be "blown in-place". Manual procedures for armed UXO shall not be utilized unless approved by the USAESCH Safety Specialist, who will have access to TM 60-series publications.

3.4.4 All OE operations shall comply with the U.S. Army Corps of Engineers, Huntsville Division, Safety Concepts and Basic Considerations for Unexploded Explosive Ordnance (UXO). Only USAESCH approved UXO personnel shall perform UXO-related tasks.

3.4.5 The contractor shall maintain a detailed accounting of all UXO encountered on the project site. This accounting shall include the amounts of UXO, identification, condition, depth located, disposition and location/mapping. This accounting shall be a part of the Removal Report.

3.4.5.1 An accountability system shall be used that accounts for all demolition materials expended in the disposal of UXO.

3.4.6 If a scenario is encountered that precludes detonating an UXO in place, an unidentifiable UXO is found, or a suspected toxic chemical munition is found, the on-site USAESCH Safety Specialist will request EOD support.

3.4.7 The contractor shall provide all demolition materials unless otherwise directed by the Government. This shall be outlined in the WP.

3.4.8 During the subsurface operation the contractor shall use a magnetometer capable of detecting a 105mm projectile to a depth of 4 feet and a MKII hand grenade to a depth of 2 feet. The contractor shall dig to a depth of two feet to determine the identity of the magnetic anomaly. The on-site USAESCH Safety Specialist may approve deeper excavation if he determines it necessary.

3.4.8.1 Magnetometers shall be field tested daily to ensure that they are operating properly. This shall be accomplished by planting an inert 105mm projectile or similar inert object to a depth of 4 feet and a MKII hand grenade to a depth of 2 feet and determining the standard indication. If a magnetometer does not meet the standard during the daily check, it shall be calibrated, repaired, or replaced.

3.4.9 If an excavation is required in an area of endangered/protected plant or animal, excavation shall proceed only after approval by the Camp Croft State Park Environmental personnel.

3.4.10 Unless approved by the USAESCH Safety Specialist, all recovered OE and OE scrap shall be disposed of daily.

3.4.11 All access/excavation/detonation holes shall be backfilled to grade and reseeded/sodded with indigenous grass as directed by the Contracting Officer.

3.4A (TASK 4A) PERFORM UNEXPLODED ORDNANCE REMOVAL IN OOU-7.

3.4A.1 In addition to requirements of paragraph 3.4 above the following shall be accomplished. OOU-7 shall be cleared subsurface cleared to a depth of two feet.

3.4B (TASK 4B) PERFORM UNEXPLODED ORDNANCE REMOVAL IN OOU-1B.

3.4B.1 In addition to requirements of paragraph 3.4 above the following shall be accomplished. Only the horse trails in OOU-1B shall be cleared to a depth of two feet to include 10 feet on either side of the trail. Other areas in OOU-1B shall be surface cleared only. The horse trails are approximately 3,000 feet long.

3.4C (TASK 4C) PERFORM UNEXPLODED ORDNANCE REMOVAL IN OOU-2.

3.4B.1 In addition to requirements of paragraph 3.4 above the following shall be accomplished. OOU-2 shall be surface cleared only with the exception of the horse trails and 10 feet on either side of the trails which shall be cleared to a depth of two feet. The horse trails are approximately 5,700 feet long.

3.4D (TASK 4D) PERFORM UNEXPLODED ORDNANCE REMOVAL IN OOU-3.

3.4B.1 In addition to requirements of paragraph 3.4 above the following shall be accomplished. OOU-3 shall be cleared to a depth of two feet.

3.4E (TASK 4E) PERFORM UNEXPLODED ORDNANCE REMOVAL IN AREA 39

3.4.E.1 In addition to requirements of paragraph 3.4 above the following shall be accomplished. The horse trails in Area 39 shall be cleared to a depth of two feet to include 10 feet on either side of the trail. The horse trails are approximately 6,375 feet long. Other areas contained in Area 39 shall not be cleared.

3.5 (TASK 5) TURN IN OF RECOVERED INERT UXO AND RELATED SCRAP:

3.5.1 The contractor shall furnish all necessary personnel and equipment to turn in all recovered inert UXO-related scrap and non UXO-related scrap metal greater than 1 square inch in size. The methodology to accomplish this task shall be proposed in the WP.

3.5.2 Inert UXO-related scrap shall be segregated from other types of scrap. Inert ordnance items shall be vented IAW Safety Concepts and Basic Considerations prior to turn in.

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

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

3.5.4 DRMO turn-in documentation receipts shall be submitted as a component of the Removal Report.

3.5.5 In the event that DRMO does not accept scrap or is not locally available, the contractor shall arrange for a local scrap contractor to remove the scrap. This shall be done at no cost to the government.

3.6 (TASK 6) PERFORM QUALITY CONTROL:

3.6.1 The contractor shall furnish the necessary personnel and equipment to administer a Quality Control (QC) Program to manage, control, and document contractor and subcontractor activities. The methodology to accomplish this task shall be proposed in the WP. The QC activities shall be documented and included in the Removal Report.

3.6.2 During the Government's periodic QA inspections, if an UXO is located in a grid, that entire grid shall be reswept by the contractor.

3.7 (TASK 7) PREPARE AND SUBMIT REMOVAL REPORT: At the conclusion of field activities for each task, the contractor shall submit the Removal Report which consists of the following:

3.7.1 All original surveying and mapping data from Task 3.

3.7.2 Detailed accounting of all UXO and UXO-related materials located and destroyed.

3.7.3 A daily journal of all activities associated with this SOW.

3.7.4 A recapitulation of exposure data. This shall include total number of man-hours worked on site, total motor vehicle mileage, total number of personnel flying hours, and number of flights.

3.7.5 QC documentation.

3.7.6 DRMO turn-in documentation.

3.7.7 A minimum of 20 4" X 6" color photographs shall be included in the report depicting major action items and UXO discoveries. The original, Final Report furnished to HSAESCH shall

include original photographic prints. Photographs contained in draft submissions and copies of final submissions shall be color reproductions. Further, a minimum of 45 minutes of narrated video tape depicting all activities shall be provided in two copies to USAESC H.

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

3.7.9 A written record of all plants and animals destroyed during the OE removal activities on site. The contractor shall include all restoration efforts performed as required in Task 4 of this SOW.

3.8 CONTRACTOR QUALIFICATIONS: The contractor shall furnish staff that is qualified through education, training and experience that shall accomplish the objectives and tasks of this SOW. Federal military and civilian employees shall not be employed by the contractor in the performance of any work under the contract, e.g., during off-duty hours, regular hours or while on annual leave. Resumes for UXO and other personnel, which document the following qualifications, shall be included in the WP for approval. If UXO personnel are substituted at the project site, their resumes shall be approved by the contracting officer prior to their admittance onto the site.

3.8.1 Training and medical screening IAW 29CFR 1910.120(e) is required for this project.

4.0 SUBMITTALS: The contractor shall furnish copies of the plans, maps, and reports as identified in paragraph 4.1 to each addressee listed below in the quantities indicated. The contractor shall use express mail services for delivering these plans and reports. Following each submission, comments generated as a result of their review shall be incorporated.

ADDRESSEE	COPIES
US Army Engineering and Support Center Huntsville ATTN: CEHNC-OE-DG (Ms. Carol A. Youkey) PO BOX 1600 Huntsville, Alabama 35807-4301	10
US Army Engineer District, Charleston ATTN: CESAC-PM-M (Wayne Bogan) PO BOX 919 Charleston, SC 29402-0919	8
US Army Engineer Division, South Atlantic ATTN: CESAD-PM-H (Ms. Sharon Ernst) 77 Forsyth Street, SW Atlanta, GA 30335-6801	1

Commander, 542th Ordnance Detachment (BODCT)
Fort Dix, NJ 08640-5000

1

4.1 Submittals and Due Dates:

SUBMITTAL	DUE DATE
Disposal Feasibility Letter	5 workdays after site visit
Draft Work Plan	21 calendar days after site visit
Final Work Plan	14 calendar days after receipt of comments
Draft Removal Report	30 calendar days after completion of field work
Final Removal Report	30 calendar days after receiving review comments

5.0 PUBLIC AFFAIRS: The contractor shall not make available or publicly disclose any data generated or reviewed under this contract or any subcontract unless specifically authorized by the contracting officer and the U.S. Army Engineer District, Charleston (CESAC) Public Affairs Office (PAO). When approached by any person or entity requesting information about the subject of this contract, the contractor shall defer to the PAO for response. Report and data generated under this contract shall become the property of the Government and distribution to any other source by the contractor is prohibited unless authorized by the contracting officer.

6.0 REFERENCES:

- 6.1 DOD Manual 4160.21.M, Defense Utilization and Disposal Manual.
- 6.2 AR 200-1, Environmental Protection and Enhancement.
- 6.3 AR 385-40 with USACE Supplement.
- 6.4 AR 386-63, Policies and Procedures for Firing Ammunition for Training, Target Practice, and Combat.
- 6.5 EM 385-1-1, CE Safety and Health Requirements Manual.
- 6.6 TM 9-1300-206. Ammunition and Explosive Standards.

6.7 CEHND Safety Concepts and Basic Considerations for UXO.

6.8 DoD 6055.9 Std. DoD Ammunition and Explosive Safety Standards

6.9 TM 60A, 1-1-31, Explosive Ordnance Disposal Procedures

7.0 GOVERNMENT FURNISHED.

7.1 Former Camp Croft Archives Search Report and Supplemental Archive Search Report

7.2 Rights of Entry (CESAC)

7.3 UXO technical publications/information (USAESCH).

7.4 Available equipment (USAESCH)

7.5 Engineering Evaluation /Cost Analysis

7.6 Abbreviated Site Safety and Health Plan form

APPENDIX B
DAILY SITE JOURNALS

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
 FORMER CAMP CROFT PROJECT
 CONTRACT NUMBER DACA 87-94-D-0019
 TASK ORDER 019

DATE	31 May 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0	
CLIENT: CEHNC	FIELD OPERATIONS TIME		8	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING	HIGH				
WEATHER	Warm			TEMPERATURE Degrees (f)	75			
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:

SUXOS and QCO given site tour by acting SUXOS. Requested security locks for MESA. Met Croft State Park Ranger Mr. Hart. Received 3 Ford F-150 pickup trucks. The pickups are 4x2's extended cab third door type vehicles, not crew cabs. Also received another van. Major equipment shortages include two ATV type vehicles, one mini van and three hand held radios. Continue site preparation.

SUXOS SIGNATURE: *Arnold A. Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	3 June 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0	
CLIENT: CEHNC	FIELD OPERATIONS TIME		8	GOV DELAY TIME		0		
MAG TYPE	GAS2C AND GAS2CX		MAG SETTING	HIGH				
WEATHER	Warm			TEMPERATURE Degrees (f)	78			
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (Inert)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:

Received permission from the Holicong Office for the Administrative Assistant to begin work on 6/4/96. Electrical service to trailer connected. Sand for sandbags arrived. Contacted Robby Wylie, Equipment Specialist for CEHNC and advised him that three additional radios would be required. Discussed radio shortage and lightening protection system for the MESA with the CEHNC Safety Specialist. CEHNC Safety Specialist Greg Parsons arrives site at 1530 hrs.

SUXOS SIGNATURE: *Arnold A. Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	4 June 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	OCO	ROBERT RAESEMANN					
GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0	
CLIENT: CEHNC	FIELD OPERATIONS TIME		8	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Warm and Sunny			TEMPERATURE Degrees (f)		70		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:

CEHNC Safety Specialist Greg Parsons departs site at 0900 hrs. Notified by Jack Norris that employees slated for the Former Camp Croft project had received permission to travel. Established grids on horse trails in Area 39. Continue site preparation.

SUXOS SIGNATURE: *Arnold A. Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	5 June 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	OCC	ROBERT RAESEMAN
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GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0
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CLIENT: CEHNC	FIELD OPERATIONS TIME	8	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Warm and Sunny	TEMPERATURE Degrees (f)	68
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:
 John Hughes and Bill Harris receive training from Carl Joesitis on the operation of the total station. Received the security locks for the MESA, Locks are the shrouded shackle high security type locks and will not fit the existing hasps. Arranged for a welder to come and modify hasps to accommodate the high security locks. Continue site preparation.

SUXOS SIGNATURE: *Arnold G. Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	6 June 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMANN
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GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0
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CLIENT: CEHNC	FIELD OPERATIONS TIME	8	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Warm and Sunny	TEMPERATURE Degrees (f)	75
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:

Established fuel account. Welder arrived and modified hasps on MESA doors to accommodate high security locks. Received notification from Jack Norris that the professional surveyors could begin work. Contacted the surveyors and they will be out tomorrow for an initial site visit. Wayne Bogan, COE PM, Charleston District visited the site. Met Mr Jerry Perry, Superintendent of Croft State Park.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	7 June 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0	
CLIENT: CEHNC	FIELD OPERATIONS TIME		8	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING	HIGH				
WEATHER	Warm and Sunny			TEMPERATURE Degrees (f)	78			
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:
 Professional surveyors arrived on site for initial visit. Surveyors will return on 10 June 1996 to begin work. Gave the surveyors computer backup tape for Croft.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	10 June 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0	
CLIENT: CEHNC	FIELD OPERATIONS TIME			8	GOV DELAY TIME		0	
MAG TYPE	GA52C AND GA52CX		MAG SETTING	HIGH				
WEATHER	Warm and Sunny			TEMPERATURE Degrees (f)	78			
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:

Physical check of MESA conducted. Provided UXO avoidance for the telephone and water companies in are OOU-2. Professional surveyors arrive on site. The surveyors are waiting for additional equipment and will be limited in their surveying activities today. Surveyors did establish points in area OOU-7. This will allow the HFA grid team to begin establishing grids in that area. Received 100 electric blasting caps.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	11 June 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMAN
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GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0
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CLIENT: CEHNC	FIELD OPERATIONS TIME	8	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Warm and Sunny	TEMPERATURE Degrees (f)	79
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:

Physical security check of MESA conducted. Professional surveyors processing data and will not be on site today. Received blasting circuit tester from Huntsville which did not work. Ordered new circuit tester. On critical equipment being sent to work sites an operational check should be performed by Huntsville before shipping. For the week of 17 June 96 the HFA survey team will be working five 8 hour days and the remainder of the site will be working four 10 hour days. The reason for the diversified work schedule is to provide support to the professional surveyors. This schedule was discussed and approved by Greg Parsons.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	12 June 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMANN
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GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0
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CLIENT: CEHNC	FIELD OPERATIONS TIME	8	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Warm and Sunny	TEMPERATURE Degrees (f)	79
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:
Physical security check of the MESA conducted. News media event commenced at 0900 hrs and ended at 1115 hrs. For the media event Team 1 established a partial grid near the Croft State Park Ranger Headquarters and magged and flagged two lanes. Wayne Bogan, PM, COE Charleston District and David Rich the Chief of Public Affairs for the COE Charleston District along with CEHNC Specialists Greg Parsons and Randy King and assorted reporters were present for the event. Professional surveyors waiting on information from Huntsville and will not be out today. Team 2 and 3 establish grids along horse trails in area OOU-2 and Area 39. Team 1 filled and staged sandbags. Training on total stations continued. Professional surveyors will return on 6/14/96. Received 120 jet perforators.

SUXOS SIGNATURE: *Arnold A. Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	13 June 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0	
CLIENT: CEHNC	FIELD OPERATIONS TIME		8	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING	HIGH				
WEATHER	Warm to Hot			TEMPERATURE Degrees (f)	80			
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:
 Physical security check of the MESA conducted. Provided UXO Avoidance for Duke Power Company for underground utilities in Area 39 and OOU-7. Received WIBGET bulb thermometer. Wet bulb will be implemented 13 June 1996. Continue marking horse trail in Area 39.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	14 June 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0	
CLIENT: CEHNC	FIELD OPERATIONS TIME			8	GOV DELAY TIME		0	
MAG TYPE	GA52C AND GA52CX		MAG SETTING	HIGH				
WEATHER	Hot and Humid			TEMPERATURE Degrees (f)	86			
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:

Physical security check of the MESA conducted. Notice to proceed permitting intrusive operations received.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	17 June 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMANN
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GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Hot and Humid	TEMPERATURE Degrees (f)	84
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:
 Physical security check of the MESA conducted. Team 1 (Survey Team) will work five 8 hour days to support the professional surveyors. Professional surveyors arrived on site but could not start work because all of their equipment did not arrive. Surveyors located monuments in OOU-7. Bell South completed marking buried lines along Henningston Road. Received computer and monitor.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	18 June 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH					
WEATHER	Hot and Humid		TEMPERATURE Degrees (f)		86			
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:
 Physical security check of the MESA conducted. Professional surveyors on site-0845 hrs. Fire symbol signs were placed at the MESA. Grass and trash removed from within and around magazines. Survey stakes painted in preparation for establishing grids. Survey team established ten grids in OOU-7. Professional surveyors establishing points along Croft State Park Road towards area OOU-1B. Robby Wylie, CEHNC Equipment Specialist called and said that next week he may be able to send three additional hand held radios. Received maps of OOU-1B and OOU-7 from the professional surveyors. Received and posted changes to the Work Plan.

SUXOS SIGNATURE: *Arnold Niederhofer*

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DATE	19 June 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0	
CLIENT: CEHNC	FIELD OPERATIONS TIME		8	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING	HIGH				
WEATHER	Hot and Humid			TEMPERATURE Degrees (F)		90's		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:

Survey Team established nine grids in Area OOU-7. Provided UXO avoidance to professional surveyors.

SUXOS SIGNATURE:

Arnold Niederhofer

**HUMAN FACTORS APPLICATIONS, INC
 DAILY SITE JOURNAL
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DATE	20 June 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	1	UXO LOCATED	0	EXCAVATIONS	168	LB SCRAP	17	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME		0	
MAG TYPE	GA52C AND GA52CX		MAG SETTING	HIGH				
WEATHER	Hot and Humid			TEMPERATURE Degrees (f)			90's	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	1	0	No	NA	168	2	15	No

COMMENTS:

Physical security check of the MESA conducted. Team 1 (Survey Team) working five 8 hour days. Team 2 and 3 are working four 10 hour days. Team 2 and 3 intrusive in Area OOU-7. Received three hand held radios from Huntsville. Professional surveyors did not work on site today.

SUXOS SIGNATURE: *Arnold Niederhofer*

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DATE	21 June 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0	
CLIENT: CEHNC	FIELD OPERATIONS TIME			8	GOV DELAY TIME		0	
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Hot			TEMPERATURE Degrees (f)			89	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:

Team 1 (Survey Teams) Established grids in Area OOU-7.

SUXOS SIGNATURE:

Arnold Niederhofer

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DATE	24 June 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	OCO	ROBERT RAESEMANN
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GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	7
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Hot and Humid	TEMPERATURE Degrees (f)	88
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:
 The reason for the government delay was the Teams could not go intrusive until the COE safety specialist was on site. Teams 2 and 3 magged and flagged grids in Area OOU-7 until CEHNC Safety Specialist arrived at 1430 hrs. Team 1 establishing grids in Area OOU-1B. Work schedule starting 6/25/96 will be from 0600 hrs to 1630 hrs. All Teams on four 10 hour days this week.

SUXOS SIGNATURE: *Arnold Niederhofer*

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DATE	25 June 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	OCO	ROBERT RAESEMAN					
GRIDS CLEARED	2	UXO LOCATED	0	EXCAVATIONS	197	LB SCRAP	26	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		1		
MAG TYPE	GA52C AND GA52CX		MAG SETTING	HIGH				
WEATHER	Hot and Humid			TEMPERATURE Degrees (f)	95			
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	2	0	No	NA	197	0	26	No

COMMENTS:

Physical security check conducted on the MESA. CEHNC Safety Specialist was concerned about loss of productivity due to the wet bulb readings and stated that he may be required to shut the job down when the wet bulb readings reached a non-productive level. Options discussed to address this issue were coming in an half hour earlier (0530 hrs), changing the work schedule to five 8 hour days, or having the sweep teams work in open areas until the temperature reached a prohibitive point and then moving into the shade of the woods. The latter option was selected. Team 1 continues to establish grids and the professional surveyors remain in OOU-1B locating boundaries. The 1 hour delay was from the wet bulb readings.

SUXOS SIGNATURE: *Arnold Niederhofer*

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DATE	26 June 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	2	UXO LOCATED	2	EXCAVATIONS	174	LB SCRAP	45	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			0
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Hot with Low Humidity				TEMPERATURE Degrees (f)		90's	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	1	0	No	NA	174	5	40	No
3	0	2	Yes	1515 hrs	NA	NA	NA	NA

COMMENTS:

Physical security check of the MESA conducted. Team 3 located two 60mm high explosive mortars in OOU-7, grid M08. The mortars were blown in place, however the grid was not completed today. HFA Survey Team remains in OOU-1B establishing grids. Professional surveyors continue establishing boundaries in OOU-1B. Lightning protection system was installed for the MESA.

SUXOS SIGNATURE: *Arnold Niederhofer*

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DATE	27 June 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH		OCC	ROBERT RAESEMANN				
GRIDS CLEARED	1	UXO LOCATED	0	EXCAVATIONS	1180	LB SCRAP	128	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			0
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Hot with Low Humidity				TEMPERATURE Degrees (F)		89	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
3	1	0	No	NA	1180	60	68	No

COMMENTS:

Physical security check of MESA conducted. CEHNC Safety Specialist departed work site at 1200 hrs for Huntsville, Al. Teams magged and flagged for remainder of the work day. Team 3 completed Grid M08 in OOU-7, which was started on 6/24/96. Team1 continues to establish grids in area OOU-1B and the professional surveyors remain in OOU-1B marking boundaries.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	1 July 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	2	UXO LOCATED	0	EXCAVATIONS	251	LB SCRAP	48	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME		0	
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Hot			TEMPERATURE Degrees (f)		89		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	2	0	NA	NA	251	3	45	No

COMMENTS:

Security check conducted on the MESA. Team 1 and 2 continue intrusive operations in Area OOU-7. Team 1 establishing grids in OOU-1B. 0830 hrs professional surveyors on site. Professional surveyors will be in Area OOU1B for the remainder of the week. CEHNC Safety Specialist Greg Parsons arrived site 1425 hrs.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
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DATE	2 July 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	1	UXO LOCATED	1	EXCAVATIONS	176	LB SCRAP	5	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING	HIGH				
WEATHER	Hot			TEMPERATURE Degrees (f)	86			
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	1	0	NA	NA	176	3	2	No
3	Grid Not Finished	1	Yes	1425 hrs	NA	NA	NA	NA

COMMENTS:

Team 1 continues to establish grids in OOU-1B. Professional surveyors remain working in OOU-1B. Team 2 completed Grid F05 in OOU-7. Entire grid F05 was contaminated with hot rocks. Team 3 remains in OOU-7 working in Grid L08. L08 is highly contaminated with frag, rust and wire. One 60mm HE, M49 series mortar was located and disposed of.

SUXOS SIGNATURE:

Arnold Niederhofer

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DATE	3 July 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	1	UXO LOCATED	1	EXCAVATIONS	177	LB SCRAP	16	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING	HIGH				
WEATHER				TEMPERATURE Degrees (f)				
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	1	0	NA	NA	177	1	15	No
3	Grid Not Finished	1	Yes	0945 hrs	Grid Not Finished	Grid Not Finished	Grid Not Finished	Grid Not Finished

COMMENTS:

Professional surveyors not on site today. Team 1 (Grid Team) continues to establish grids in Area OOU-1B. Team 2 completed Grid F06 in Area OOU-7. Team 3 continues working in Grid L08 in Area OOU-7. Grid L08 is 85 percent complete and is saturated with wire, frag, and other metallic items, a Mortar 60mm HE, M49 series was located and destroyed in the grid. CEHNC Safety Specialist departed site at 1100 hrs. Intrusive operations stopped at that time.

SUXOS SIGNATURE:

Arnold Niederhofer

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DATE	8 July 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH		QCO	ROBERT RAESEMANN				
GRIDS CLEARED	2	UXO LOCATED	1	EXCAVATIONS	1501	LB SCRAP	82	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			0
MAG TYPE	GA52C AND GA52CX			MAG SETTING	HIGH			
WEATHER	Partly Cloudy/Warm				TEMPERATURE Degrees (F)			85
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	1	0	NA	NA	100	0	12	No
3	1	1	Yes	1500 hrs	1401	10	60	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors arrive work site at 0900 hrs and continue to work in Area OOU-1B. CEHNC Safety Specialist arrived at 1410 hrs. Team 1 (Grid Team) continues to establish grids in OOU-1B. Received permission to mobilize Mike Waller on 7/9/96.

SUXOS SIGNATURE:

Arnold Niederhofer

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DATE	9 July 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	3	UXO LOCATED	0	EXCAVATIONS	477	LB SCRAP	82	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME		0	
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Hot			TEMPERATURE Degrees (F)		88		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	1	0	No	NA	141	7	25	No
3	2	0	No	NA	336	0	50	No

COMMENTS:

Physical check of MESA conducted. Team 1 continues to establish grids in OOU-1B. The professional surveyors completed Area OOU-1B and will work in Area OOU-7 on 10 June 1996.

SUXOS SIGNATURE: *Arnold Niederhofer*

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DATE	10 July 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMAN
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GRIDS CLEARED	4	UXO LOCATED	0	EXCAVATIONS	850	LB SCRAP	63
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Warm to Hot	TEMPERATURE Degrees (f)	86
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	2	0	No	NA	550	0	28	No
3	2	0	No	NA	300	0	35	No

COMMENTS:
 Physical check of MESA conducted. Professional surveyors on site at 0830 hrs and started operations in Area OOU-7. Surveyors stated that at least a week would be required to complete work in Area OOU-7. Team 1 continues establishing grids in Area OOU-1B. The AN/PSS-12 detector supplied by the CEHNC Safety Specialist was used for magnetic rocks.

SUXOS SIGNATURE: *Arnold Niederhofer*

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DATE	11 July 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMAN
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GRIDS CLEARED	7	UXO LOCATED	0	EXCAVATIONS	106	LB SCRAP	22
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Warm	TEMPERATURE Degrees (f)	82
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	3	0	NA	NA	NA	0	0	No
3	4	0	NA	NA	106	0	22	No

COMMENTS:

Physical security check of the MESA conducted. Team 1 finished laying in grids in Area OOU-1B. Team 2 completed Grids A1, A2, and A3 in Area OOU-1B. Team 3 completed Grid E1 in Area OOU-7 and Grids D1, D2, and D3 in Area OOU-1B. The professional surveyors are working in Area OOU-7.

SUXOS SIGNATURE:



HUMAN FACTORS APPLICATIONS , INC
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DATE	15 July 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMANN
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GRIDS CLEARED	9	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	17
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Warm and Rainy	TEMPERATURE Degrees (f)	82
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	4	0	NA	NA	0	1	1	No
3	5	0	NA	NA	0	15	0	No

COMMENTS: OOU-1B
 Physical security check of MESA conducted. Professional surveyors called and said they would not be on site today. Team 1 establishing grids in Area. Assumed accountability for a MK26 Ordnance Locator from CEHNC.

SUXOS SIGNATURE: *Arnold Niederhofer*

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DATE	16 July 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH		QCO	ROBERT RAESEMANN				
GRIDS CLEARED	9	UXO LOCATED	1	EXCAVATIONS	NA	LB SCRAP	30	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			0
MAG TYPE	GA52C AND GA52CX			MAG SETTING		HIGH		
WEATHER	Misty Rain to Warm				TEMPERATURE Degrees (f)		85	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	4	1	Yes	1200 hrs	NA	16	3	No
3	5	0	NA	NA	NA	0	11	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors on site at 0800 hrs. Surveyors continue working Area OOU-7. Visited by Mr Mullinux, from the Croft Citizen Committee. Mr Mullinux wanted to know if we had started operations, was referred to CEHNC Safety Specialist. Team 1 continued establishing grids in OOU-7. Tom Hall injured himself by sitting on his back pack which contained a paring knife which was oriented up and stabbed himself in the buttock. Was transported by the SSO to the hospital. There was no lost time for Mr Hall.

SUXOS SIGNATURE:

Arnold Niederhofer

**HUMAN FACTORS APPLICATIONS, INC
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DATE	17 July 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMAN
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GRIDS CLEARED	6	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	40
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Hot/Humid	TEMPERATURE Degrees (f)	84
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF UXO SCRAP	LBS OF NON UXO SCRAP	HAZ MAT LOCATED YES/NO
2	3	0	NA	NA	NA	0	27	No
3	3	0	NA	NA	NA	0	13	No

COMMENTS:
Physical security check of MESA conducted. Professional surveyors on site at 0800 hrs. Surveyors continue working in Area OOU-7 and checked OOU- 2 for points. Tom Halls' injury was not as serious as first appearances and there was no lost time, he is at work today. Team 1 continues to establish grids in Area OOU-7. Contacted Wilson Equipment concerning two Gator ATV's. May take two to five weeks before delivery. Notified by Greg Parsons that Jeff Neece would be the Safety Specialist next week and that Pati Berry and the COE Surveyor from Huntsville would be on site next week.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	18 July 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	7	UXO LOCATED	0	EXCAVATIONS	115	LB SCRAP	44	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME		0	
MAG TYPE	GA52C AND GA52CX		MAG SETTING			HIGH		
WEATHER	Hot/Humid			TEMPERATURE Degrees (f)			89	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	3	0	NA	NA	0	0	9	None
3	4	0	NA	NA	115	0	35	None

COMMENTS:

Physical security check of MESA conducted. Professionals surveyors on site and continue working in Area OOU-7.

SUXOS SIGNATURE: *Arnold Niederhoffer*

**HUMAN FACTORS APPLICATIONS, INC
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DATE	22 July 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	9	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	43	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Hot/Humid			TEMPERATURE Degrees (f)		90		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	5	0	NA	NA	NA	1	28	No
3	4	0	NA	NA	NA	3	11	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors arrive on site at 0830 hrs and continue working in Area OOU-7. Jeff Neece, CEHNC Safety Specialist on site. Team 1 continues to establish grids in Area OOU-7.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	23 July 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	9	UXO LOCATED	3	EXCAVATIONS	NA	LB SCRAP	25	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME		0	
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Hot/Humid			TEMPERATURE Degrees (f)		88		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	5	0	NA	NA	NA	6	1	No
3	4	3	Yes	1310 hrs	NA	12	6	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors on site at 0800 hrs, and worked in Area OOU-7 and OOU-2. Team 1 continues establishing grids in Area OOU-7.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CRGT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	24 July 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	5	UXO LOCATED	1	EXCAVATIONS	NA	LB SCRAP	87	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME		0	
MAG TYPE	GA52C AND GA52CX		MAG SETTING			HIGH		
WEATHER	Hot/Humid			TEMPERATURE Degrees (f)			88	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	2	1	Yes	1310 hrs	NA	18	1	No
3	3	0	NA	NA	NA	52	16	No

COMMENTS:

Physical security check of MESA performed. Professional surveyors on site at 0800 hrs and are establishing points in OOU-2. Team 1 continues working in Area OOU-7 establishing grids. While walking the grid line to their vehicle Team 2 located a 60mm mortar in Grid H7. The mortar was blown in place. The areas in OOU-1B that are being swept now are densely vegetated and contain ravines and down falls. Patti Berry, Tom Hunt from Huntsville COE on site along with Wayne Bogan and Lincoln Blake from the Charleston district. Discussed hiring external grid team so all UXO qualified personnel on site could perform UXO activities. Another option discussed was having the Grid Team revert to a Sweep Team and work in that capacity until Area OOU-7 was near completion and then have the Grid Team start establishing grids in Area 2. Patti Berry was concerned with flags remaining in Area 2 after magging and flagging that area. Patti Berry and Tom Hunt were escorted to Grid H7 after the blow in place to see the effects of a detonated 60mm high explosive mortar.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	25 July 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	11	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	33	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		79		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	6	0	NA	NA	NA	17	12	No
3	5	0	NA	NA	NA	0	4	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors were not on site today. Team 1 completed laying grids in Area OOU-7.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	29 July 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMAN
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GRIDS CLEARED	19	UXO LOCATED	1	EXCAVATIONS	NA	LB SCRAP	66
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Mild	TEMPERATURE Degrees (f)	84
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	10	0	NA	NA	NA	0	0	No
2	4	0	NA	NA	NA	11	12	No
3	5	1	Yes	1145 hrs	NA	22	21	No

COMMENTS:
 Physical security check of MESA conducted. Professional surveyors on site at 0800 hrs and are working in OOU- 2. Provided UXO avoidance support for surveyors. Team 1, the former grid laying team, reverted to UXO sweep team today.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	30 July 1995	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH		QCO	ROBERT RAESEMAN				
GRIDS CLEARED	21	UXO LOCATED	2	EXCAVATIONS	0	LB SCRAP	58	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			0
MAG TYPE	GA52C AND GA52CX			MAG SETTING		HIGH		
WEATHER	Mild to Warm				TEMPERATURE Degrees (f)		84	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	7	0	NA	NA	NA	2	0	No
2	8	2	Yes	1245 hrs	NA	5	0	No
3	6	0	NA	NA	NA	30	21	No

COMMENTS:

Physical security check conducted on the MESA. Professional surveyors arrive at 0830 hrs and continue working in Area OOU-2. Provided UXO avoidance support for surveyors.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	31 July 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMANN
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GRIDS CLEARED	21	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	13
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Partly Cloudy/Thunder Storms	TEMPERATURE Degrees (f)	80
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	7	0	NA	NA	NA	2	0	No
2	8	0	NA	NA	NA	3	0	No
3	6	0	NA	NA	NA	5	3	No

COMMENTS:
 Conducted physical security check of MESA. Professional surveyors not on site today.
 Notified by Wilson Equipment, Spartanburg, SC that the two Gator vehicles requested will be available by 8/9/96. Instructed by COE Safety Specialist to bring everyone in at 1515 hrs and conduct training due to impending thunderstorms. Received total station from Devens.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
 FORMER CAMP CROFT PROJECT
 CONTRACT NUMBER DACA 87-94-D-0019
 TASK ORDER 019

DATE	1 August 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	19	UXO LOCATED	3	EXCAVATIONS	132	LB SCRAP	74	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		80		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	9	0	No	NA	48	8	2	No
2	5	3	Yes	0800 hrs	0	35	2	No
3	5	0	No	NA	84	7	20	No

COMMENTS:

Physical security check conducted on the MESA. Professional surveyors on site at 0800 hrs and continue working in Area OOU-2. Provided UXO avoidance support for surveyors. Sweep teams completed Area OOU-1B today. The grids recorded above for Teams 1 and 3 are grids located in Area OOU-7 and the grids recorded by Team 2 are in Area OOU-1B. The UXO destroyed was located in Area OOU-1B.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	5 August 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	11	UXO LOCATED	0	EXCAVATIONS	225	LB SCRAP	69	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME		0	
MAG TYPE	GA52C AND GA52CX		MAG SETTING			HIGH		
WEATHER	Hot			TEMPERATURE Degrees (f)			88	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	4	0	No	NA	20	4	1	No
2	5	0	No	NA	140	11	12	No
3	2	0	No	NA	65	5	36	No

COMMENTS:

Physical security check conducted on the MESA. Professional surveyors not on site today.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
 FORMER CAMP CROFT PROJECT
 CONTRACT NUMBER DACA 87-94-D-0019
 TASK ORDER 019

DATE	6 August 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMANN
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GRIDS CLEARED	18	UXO LOCATED	1	EXCAVATIONS	985	LB SCRAP	64
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Mild	TEMPERATURE Degrees (f)	85
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	8	0	No	NA	143	0	10	No
2	5	1	Yes	1300 hrs	119	7	16	No
3	5	0	No	NA	723	0	31	No

COMMENTS:
 Physical security check of MESA conducted. Professional surveyors not on site today.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	7 August 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMANN
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GRIDS CLEARED	10	UXO LOCATED	1	EXCAVATIONS	808	LB SCRAP	84
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Warm	TEMPERATURE Degrees (F)	85
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	5	0	No	NA	98	0	22	No
2	2	1	Yes	1100 hrs	118	3	5	No
3	3	0	No	NA	592	0	54	No

COMMENTS:
 Physical security check of MESA conducted. Professional surveyors on site at 0800 hrs.
 Provided UXO avoidance support for the surveyors.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	8 August 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	12	UXO LOCATED	1	EXCAVATIONS	1057	LB SCRAP	56	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER			TEMPERATURE Degrees (f)					
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	8	0	No	NA	753	8	11	No
2	4	1	Yes	0840 hrs	304	12	25	No

COMMENTS:

Physical check of MESA conducted. Professional surveyors not on site today. Two 4x6 ATV's (Gators) arrived today. UXOS for Team 3 was ill today and Team3 was split up between Team 1 and 2.

SUXOS SIGNATURE: *Arnold Niederhofer*

**HUMAN FACTORS APPLICATIONS, INC
 DAILY SITE JOURNAL
 FORMER CAMP CROFT PROJECT
 CONTRACT NUMBER DACA 87-94-D-0019
 TASK ORDER 019**

DATE	12 August 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMAN
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GRIDS CLEARED	12	UXO LOCATED	0	EXCAVATIONS	1592	LB SCRAP	29
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Wet/Rainy	TEMPERATURE Degrees (f)	82
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	6	0	No	NA	426	6	8	No
2	6	0	No	NA	1166	5	10	No

COMMENTS:
 Physical security check of MESA conducted. Professional surveyors not on site today. UXOS for Team 3 off today. Team 3 personnel were divided between Team 1 and Team 2. Several grids encountered were contaminated with hot rocks. Received maps of Area 39 horse trails from Huntsville COE. Maps do not show exclusion areas or other points of reference.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
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DATE	13 August 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	10	UXO LOCATED	1	EXCAVATIONS	782	LB SCRAP	56	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			0
MAG TYPE	GA52C AND GA52CX			MAG SETTING		HIGH		
WEATHER	Mild/Warm			TEMPERATURE Degrees (f)			83	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	4	1	Yes	1430 hrs	235	0	5	No
2	4	0	No	NA	442	5	9	No
3	2	0	No	NA	105	1	36	No

COMMENTS:

Physical security check of the MESA conducted. Professional surveyors not on site today. Wayne Bogan called and said he had received a call from a local landowner who stated the contract surveyors had been on his land. Wayne said the landowner would call the site and I and the COE Safety Specialist were to try and ascertain the location of where the surveyors had been on private land. The land owner called and spoke with the COE Safety Specialist and a meeting was arranged for 14 August 1996 at 1600 hrs to determine where the entry had been made.

SUXOS SIGNATURE:

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
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DATE	14 August 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMANN
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GRIDS CLEARED	13	UXO LOCATED	0	EXCAVATIONS	2051	LB SCRAP	202
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Mild	TEMPERATURE Degrees (f)	79
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	5	0	No	NA	346	4	9	No
2	3	0	No	NA	1324	5	18	No
3	5	0	No	NA	381	23	143	No

COMMENTS:
 Physical security check of MESA conducted. Professional surveyors not on site today. Mr Boyce Lee son of land owner claiming the professional surveyors were on his fathers property, came by the site at 1600 hrs and pointed out on a map the area the surveyors may have been in without authorization. Grids are saturated with magnetic rocks barbed wire and other metal trash.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
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DATE	15 August 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	15	UXO LOCATED	0	EXCAVATIONS	1402	LB SCRAP	220	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			0
MAG TYPE	GA52C AND GA52CX			MAG SETTING		HIGH		
WEATHER	Warm				TEMPERATURE Degrees (f)		80	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	9	0	No	NA	920	3	10	No
2	3	0	No	NA	336	36	18	No
3	3	0	No	NA	146	2	151	No

COMMENTS:

Physical security of MESA conducted. Professional surveyors not on site today. Grids continue to be saturated with magnetic rock. Bill Walenius gave notice that 22 August would be his last day.

SUXOS SIGNATURE:

Arnold Niederhofer

**HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019**

DATE	19 August 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	5	UXO LOCATED	0	EXCAVATIONS	1378	LB SCRAP	74	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME		0	
MAG TYPE	GA52C AND GA52CX			MAG SETTING		HIGH		
WEATHER	Warm				TEMPERATURE Degrees (f)		86	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	3	0	No	NA	635	4	13	No
2	1	0	No	NA	180	15	7	No
3	1	0	No	NA	563	0	35	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site today. Marrion Grambling stopped by site at 1600 hrs and said they would return 8/21/96. Discussed entering private property with Marrion and with the current maps it is difficult to determine if an intrusion had been made or not. There is a possibility the surveyors did go on private land. Called Wayne Bogan and updated him on the situation. Wayne said to have he surveyors avoid going on the property in question and he will try to work things out and get back with me on 8/21/96. Marvette Bates arrived 16 August 1996. Grids encountered required extensive grubbing and were saturated with magnetic rock.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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 FORMER CAMP CROFT PROJECT
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DATE	20 August 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	OCO	ROBERT RAESEMANN					
GRIDS CLEARED	15	UXO LOCATED	0	EXCAVATIONS	996	LB SCRAP	76	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Warm/Hot			TEMPERATURE Degrees (f)		85		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	9	0	No	NA	445	4	12	No
2	5	0	No	NA	240	30	17	No
3	1	0	No	NA	311	0	13	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site today.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	21 August 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMAN
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GRIDS CLEARED	10	UXO LOCATED	0	EXCAVATIONS	1081	LB SCRAP	94
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Hot	TEMPERATURE Degrees (f)	92
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	4	0	No	NA	223	2	3	No
2	5	0	No	NA	280	9	27	No
3	1	0	No	NA	578	0	53	No

COMMENTS:
 Physical security check of MESA. Professional surveyors not on site today. Requested to hire two laborers.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
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DATE	22 August 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	7	UXO LOCATED	3	EXCAVATIONS	885	LB SCRAP	146	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME		0	
MAG TYPE	GA52C AND GA52CX			MAG SETTING		HIGH		
WEATHER	Hot			TEMPERATURE Degrees (f)			92	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	2	0	No	NA	273	20	30	No
2	3	3	Yes	0900 hrs	228	0	88	No
3	2	0	No	NA	384	3	5	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site today.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	26 August 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	4	UXO LOCATED	0	EXCAVATIONS	1866	LB SCRAP	121	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME			0	
MAG TYPE	GA52C AND GA52CX		MAG SETTING			HIGH		
WEATHER	Mild			TEMPERATURE Degrees (f)			82	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	1	0	No	NA	1268	5	0	No
2	2	0	No	NA	360	26	20	No
3	1	0	No	NA	238	1	69	No

COMMENTS:

Physical security check of MESA conducted. The location of the park boundary and private property has not been resolved for Area OOU-2. The professional surveys need to use the path they established to continue their work. Where the surveyors are requesting to go is the area that is in contention. The surveyors said they could relocate to the west side of Henningston Road but there is the chance they may enter private property. Contacted Wayne Bogan and informed Wayne that I was concerned that the surveyors may enter private property. Wayne said he would contact Huntsville and try and obtain accurate data for the surveyors.

SUXOS SIGNATURE:

Arnold Niederhofer

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TASK ORDER 019

DATE	27 August 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	9	UXO LOCATED	3	EXCAVATIONS	1174	LB SCRAP	123	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GAS2C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		81		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	4	0	No	NA	455	2	15	No
2	4	0	No	NA	449	21	30	No
3	1	3	Yes	1540 hrs	270	35	20	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site because of private property right of entry dispute. Still no information from COE on boundaries.

SUXOS SIGNATURE: *Arnold Niederhofer*

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DATE	28 August 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	9	UXO LOCATED	0	EXCAVATIONS	1124	LB SCRAP	227	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			0
MAG TYPE	GA52C AND GA52CX			MAG SETTING			HIGH	
WEATHER	Mild			TEMPERATURE Degrees (f)			81	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	2	0	No	NA	272	31	35	No
2	4	0	No	NA	504	31	45	No
3	3	0	No	NA	348	45	40	No

COMMENTS:

Physical security of MESA conducted. Professional surveyors not site because of private property dispute. Patti Berry, PM COE Huntsville, on site along with Greg Bayuga and Wayne Bogan. Determined that the parts of grids within Fairforrest Creek did not have to be swept. Discussed horse trails in Area 39. Patti said that Tommy Hunt would come to Croft and GPS the trails. Also discussed the grids that were completely or partially in Lake Craig. Wayne Bogan still working on right of entry for boundary of Area OOU-2. Gene Wale's last day is 29 August 1996 and will be replaced by Dave Coe, Patti Berry said she would do the letter on return to Huntsville.

SUXOS SIGNATURE: *Arnold Niederhoffer*

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DATE	29 August 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	5	UXO LOCATED	6	EXCAVATIONS	739	LB SCRAP	78	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		80		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	1	6	Yes	1515 hrs	350	15	3	No
2	3	0	No	NA	255	29	1	No
3	1	0	No	NA	134	10	20	No

COMMENTS:
 Physical security check of MESA conducted. Professional surveyors not on site due to dispute of right of entry concerning the boundaries in Area OOU-2.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	3 September 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMAN
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GRIDS CLEARED	7	UXO LOCATED	2	EXCAVATIONS	1342	LB SCRAP	136
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	30 Min
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Mild	TEMPERATURE Degrees (F)	76
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	0	0	No	No	Grid not Finished	Grid not Finished	Grid not Finished	No
2	4	2	Yes	1530 hrs	407	25	12	No
3	3		No	No	935	31	68	No

COMMENTS:
 Physical security check of MESA conducted. Professional surveyors not on site due to right of entry dispute in Area OOU-2. Greg Kocher from the COE, St Louis district is on site to receive training from Greg Parsons and Kocher will be the primary safety specialist next week. Heavy rain, thunder, and lightening storms caused a 30 minute government delay. Patti Berry, PM, called and said Tommy Hunt would be on site 7 Oct 96 to GPS horse trails in Area 39.

SUXOS SIGNATURE: *Arnold Niederhofer*

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DATE	4 September 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	5	UXO LOCATED	1	EXCAVATIONS	968	LB SCRAP	49	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		82		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	0	0	No	NA	Grid not finished	Grid not finished	Grid not finished	No
2	3	0	No	NA	320	2	11	No
3	2	0	No	NA	648	6	30	No

COMMENTS:
 Physical security check of MESA conducted. Professional surveyors not on site due to lack of right of entry permits. Surveyors will be on site 9/9/96 and continue working in Area OOU-2.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	5 September 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	7	UXO LOCATED	0	EXCAVATIONS	1080	LB SCRAP	64	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (F)		75		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	Grid not finished	0	No	NA	Grid not finished	Grid not finished	Grid not finished	No
2	4	0	No	NA	559	3	40	No
3	3	0	No	NA	521	6	15	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site because right of entry has not been granted. Surveyors will be on site 9 September 1996 and will stay on Henningston Road. Team 1 did not complete any grids this date. Totals will be entered when grid is complete. Team 1 is working in Area OOU-7, Grid N9. This grid is highly contaminated with UXO related scrap and may be the fringe of an 60mm mortar impact area and over a thousand anomalies have been investigated and the grid is just a little over half complete.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	9 September 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	1	UXO LOCATED	6	EXCAVATIONS	392	LB SCRAP	19	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Warm			TEMPERATURE Degrees (f)		89		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	Grid not finished	6	Yes	1330 hrs	Grid not finished	Grid not finished	Grid not finished	No
3	1	0	No	NA	392	10	9	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site today. Tried to contact Marion Grambling of Grambling Brothers Surveyors, Inc, but could not reach him. Sent Marion a FAX requesting his schedule for this week as pertains to Area OOU-2. No reply as of COB. Met with S. Hart, Croft State Park Ranger, Mr Lancaster, Mr Williams, concerned citizens, and Mr Stewart, DHEC. Concerned citizens pointed out two locations, one allegedly containing chemicals and one containing mortars, both locations on park property. The concerned citizens also said there were other contaminated areas and they were instructed by DHEC to mark areas on a map. Informed Bogan, COE, PM at Charleston and Greg Kocher, COE Safety Specialist from St Louis.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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TASK ORDER 019

DATE	10 September 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMAN
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GRIDS CLEARED	9	UXO LOCATED	10	EXCAVATIONS	853	LB SCRAP	117
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Warm	TEMPERATURE Degrees (F)	85
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	0	0	No	1515 hrs	Grid not finished	Grid not finished	Grid not finished	No
2	6	0	NA	NA	153	9	10	No
3	3	10	Yes	1515 hrs	700	65	33	No

COMMENTS:
 Physical security check of MESA conducted. Professional surveyors not on site today. Showed Safety Specialist Area OOU-2 . Wayne Bogan on site. Wayne requested spreadsheet for meeting that was being held in Spartanburg concerning Croft State Park.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	11 September 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	3	UXO LOCATED	2	EXCAVATIONS	2916	LB SCRAP	555	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		84		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	2	2	Yes	1600 hrs	2272	471	25	No
2	1	0	No	NA	40	0	1	No
3	0	0	No	NA	604	3	55	No

COMMENTS:
 Physical security check of MESA conducted. Professional surveyors on site and continue to work in Area OOU-2. Provided UXO avoidance support for surveyors.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	12 September 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	10	UXO LOCATED	8	EXCAVATIONS	1707	LB SCRAP	352	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		80		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	1	2	Yes	1130 hrs	531	72	4	No
2	4	6	Yes	1500 hrs	530	152	8	No
3	5	0	No	NA	646	76	40	No

COMMENTS:
 Physical security check of MESA conducted. Professional surveyors on site and continue to work in Area OOU-2. Provided UXO avoidance support for the surveyors.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	16 September 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	11	UXO LOCATED	0	EXCAVATIONS	1557	LB SCRAP	127	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME			0	
MAG TYPE	GA52C AND GA52CX		MAG SETTING			HIGH		
WEATHER	Mild/Rainy			TEMPERATURE Degrees (f)			78	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	3	0	No	NA	843	41	27	No
2	4	0	No	NA	225	15	26	No
3	4	0	No	NA	489	2	16	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site today. Patti Berry, PM, CEHNC called and said that Tommy Hunt would not be able to come to Croft to map the horse trails in Area 39 until sometimes in November. I informed Patti that I should be finished with OOU-7 by that time and I was going to have the HFA Grid Team start establishing grids in Area OOU-2 so we would have a place to work when Area OOU-7 was complete. Patti Berry concurred.

SUXOS SIGNATURE: *Arnold Niederhofer*

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DATE	17 September 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMAN
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GRIDS CLEARED	9	UXO LOCATED	0	EXCAVATIONS	1273	LB SCRAP	117
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Warm	TEMPERATURE Degrees (f)	79
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	1	0	No	NA	413	6	25	No
2	6	0	No	NA	295	10	11	No
3	2	0	No	NA	565	25	40	No

COMMENTS:
 Physical security check of MESA conducted. Professional surveyors on site and continue to work in Area OOU-2. Provided UXO avoidance support for the surveyors. Encountering grids which are covered with thick underbrush and vines. It is impossible to Schonstedt these grids without extensive grubbing.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	18 September 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	2	UXO LOCATED	5	EXCAVATIONS	279	LB SCRAP	142	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			45
MAG TYPE	GA52C AND GA52CX			MAG SETTING			HIGH	
WEATHER	Warm				TEMPERATURE Degrees (f)			78
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	2	5	Yes	1600 hrs	279	2	140	No
3	0	0	No	NA	NA	NA	Grid Not Finished	Grid Not Finished

COMMENTS:

Physical security check of MESA conducted. Professional surveyors on site and continue working in Area OOU-2. Provided UXO avoidance support for the surveyors. Three horse riders came into area. Stop work was called and the Park Rangers notified. After the Rangers finished with the intruders the riders departed area. I walked behind the riders to insure they were out of the exclusion area and then resumed work. Approximately 45 minutes down time.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
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DATE	19 September 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	0	UXO LOCATED	9	EXCAVATIONS	NA	LB SCRAP	0	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		78		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	Grid Not Finished	0	No	NA	Grid Not Finished	Grid Not Finished	Grid Not Finished	Grid Not Finished
2	Grid Not Finished	9	Yes	1600 hrs	Grid Not Finished	Grid Not Finished	Grid Not Finished	Grid Not Finished
3	Grid Not Finished	0	No	NA	Grid Not Finished	Grid Not Finished	Grid Not Finished	Grid Not Finished

COMMENTS:
Physical security check of MESA conducted. Professional surveyors on site and continue to work in Area OOU-2. Provided UXO avoidance support for the surveyors. No grids were completed this day due to the number of UXO, anomalies, and extensive grubbing required to prepare the grids for sweeping. Formed a grub team to prepare 8 grids which were impassable. Combined Team 2 and 3 to work in Grid R9. Over 1200 anomalies were dug and 9 UXO located. QA failed grids M9 and N8. The grids failed because there were too many undug contacts, however no live UXO was located. The right of entry problem is still unsolved.

SUXOS SIGNATURE: *Arnold Niederhofer*

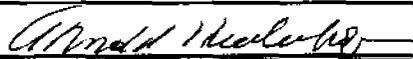
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DATE	23 September 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	OCO	ROBERT RAESEMANN					
GRIDS CLEARED	6	UXO LOCATED	4	EXCAVATIONS	1864	LB SCRAP	248	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		80		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	0	0	No	NA	0	0	0	No
2	5	0	No	NA	310	5	10	No
3	1	4	Yes	1600 hrs	1554	200	33	No

COMMENTS:

Physical security check of the MESA conducted. Contract surveyors not on site. Due to the number of anomalies and large quantity of UXO located in this grid it took the team 3 days to complete. Received two portable explosive storage magazines for the EECA contractor. Items weigh over 4000 lbs each and could not be unloaded. Contacted Patti Berry and turned the situation over to H. Counts when he arrived.

SUXOS SIGNATURE:



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DATE	24 September 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	1	UXO LOCATED	0	EXCAVATIONS	45	LB SCRAP	7	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		81		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	Grid Not Finished	0	No	NA	Grid not Finished	Grid not Finished	Grid not Finished	No
2	1	0	No	NA	45	1	6	No
3	Grid Not Finished	0	No	NA	Grid not Finished	Grid Not Finished	Grid Not Finished	No

COMMENTS:
 Physical security check of MESA conducted. Contractor surveyors not on site. Team two re-swept grid S3 (QC Failure). Team 3 continues working in P9. To date over 1000 anomalies have been flagged and there is still four lanes to Mag and Flag. Totals will be entered for Team 3 when the grid is completed. Contacted Patti Berry and Wayne Bogan concerning the boundaries in Area OOU-2.

SUXOS SIGNATURE: *Arnold Niederhofer*

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DATE	25 September 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	0	UXO LOCATED	6	EXCAVATIONS	0	LB SCRAP	0	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME		0	
MAG TYPE	GA52C AND GA52CX			MAG SETTING		HIGH		
WEATHER	Mild			TEMPERATURE Degrees (f)			80	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	Grid Not Finished	0	NA	NA	Grid Not Finished	Grid Not Finished	Grid Not Finished	No
2	Grid Not Finished	0	NA	NA	Grid Not Finished	Grid Not Finished	Grid Not Finished	No
3	Grid Not Finished	6	NA	NA	Grid Not Finished	Grid Not Finished	Grid Not Finished	No

COMMENTS:

Physical security check of MESA conducted. Contract surveyors not on site. Teams are encountering grids with large quantities of anomalies. No grids were completed this day

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	26 September 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	3	UXO LOCATED	0	EXCAVATIONS	1050	LB SCRAP	59	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		81		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	1	0	No	NA	518	0	25	No
2	1	0	No	NA	285	1	20	No
3	1	0	No	NA	247	6	7	No

COMMENTS:

Physical security check of MESA conducted. Contract Surveyors not on site.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
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DATE	30 September 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	2	UXO LOCATED	0	EXCAVATIONS	931	LB SCRAP	27	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		45 Min		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Rain			TEMPERATURE Degrees (f)		61		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	1	0	No	NA	570	15	2	No
3	1	0	No	NA	361	2	8	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors on site and continue to work in Area OOU-2. Provided UXO avoidance support for the surveyors. Delay time was due to entry of exclusion area by the Park Rangers to take care of business. Requested another porta potti for OOU-2. Will be delivered next Tuesday -10/8/96.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
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TASK ORDER 019

DATE	1 October 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	1	UXO LOCATED	5	EXCAVATIONS	525	LB SCRAP	32	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		75		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	Grid Not Finished	0	NA	NA	Grid Not Finished	Grid Not Finished	Grid Not Finished	No
2	1	0	NA	NA	525	0	32	No
3	Grid Not Finished	5	NA	NA	Grid Not Finished	Grid Not Finished	Grid Not Finished	No

COMMENTS:

Physical security check MESA conducted. Professional surveyors not on site today.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
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DATE	2 October 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	3	UXO LOCATED	4	EXCAVATIONS	1022	LB SCRAP	127	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		61		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	1	0	No	NA	648	2	65	No
2	Grid not finished	0	No	NA	Grid not finished	Grid not finished	Grid not finished	No
3	2	4	Yes	1550 hrs	374	10	50	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site today.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
 FORMER CAMP CROFT PROJECT
 CONTRACT NUMBER DAC: 87-94-D-0019
 TASK ORDER 019

DATE	3 October 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	4	UXO LOCATED	0	EXCAVATIONS	2299	LB SCRAP	257	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		30 Min		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (F)		62		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	1	0	No	NA	1307	0	40	No
2	1	0	No	NA	530	6	180	No
3	2	0	No	NA	462	11	20	No

COMMENTS:

Physical security check of MESA conducted. Professional Surveyors not on site today. Delay time was Duke Power had requested ,through Wayne Bogan, PM Charleston, and Gerry Perry, Park Superintendent, that Duke Power be permitted to check an area they suspected was the reason for the power outage in a portion of the park and at a later time digging a line trench.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
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DATE	7 October 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	3	UXO LOCATED	0	EXCAVATIONS	1600	LB SCRAP	53	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Rain All Day			TEMPERATURE Degrees (f)		52		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	1	0	No	NA	784	0	40	No
2	1	0	No	NA	450	0	0	No
3	1	0	No	NA	366	10	3	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site today. Faxed Grambling Bros to determine their work schedule for the week but received no reply. Steady rain through out the day. Located horse trails in Area 39. The part of the horse trail in Area 39 that goes out of the area and then re-enters will be done according to Greg Bayuga. Received map from Patti Berry depicting the grids which had been eliminated in Area OOU-2 due the private property dispute. Porta Potty delivered to Area OOU-2. Received shipment of sand.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	8 October 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	OCO	ROBERT RAESEMAN					
GRIDS CLEARED	4	UXO LOCATED	0	EXCAVATIONS	1224	LB SCRAP	67	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			0
MAG TYPE	GA52C AND GA52CX			MAG SETTING		HIGH		
WEATHER	Cloudy/Mild				TEMPERATURE Degrees (f)			74
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	2	0	No	NA	210	1	10	No
3	2	0	No	NA	1014	11	45	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site today. Contacted Marrion Grambling of Grambling Brothers and Marrion said weather permitting they would be on site today.

SUXOS SIGNATURE:



HUMAN FACTORS APPLICATIONS, INC
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DATE	9 October 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	5	UXO LOCATED	0	EXCAVATIONS	787	LB SCRAP	55	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME			0	
MAG TYPE	GA52C AND GA52CX		MAG SETTING			HIGH		
WEATHER	Mild			TEMPERATURE Degrees (f)			72	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	3	0	No	NA	260	0	20	No
3	2	0	No	NA	527	5	30	No

COMMENTS:

Physical Security check of MESA conducted. Professional surveyors on site and continue work in Area OOU-2. Provided UXO avoidance support for the surveyors.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	10 October 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	4	UXO LOCATED	0	EXCAVATIONS	674	LB SCRAP	34	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		75		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	2	0	No	NA	150	0	8	No
3	2	0	No	NA	524	12	14	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site today. Gave Greg Bayuga a map of the horse trails in Area 39 with the distances I computed and requested he give the map to Patti Berry for verification of the distances.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
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DATE	15 October 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	NA	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		65		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:

No grids completed today.
 Physical security check of MESA conducted. Surveyors not on site today. Grid N8 and M9 which previously failed QA passed QA today.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
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DATE	16 October 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	2	UXO LOCATED	8	EXCAVATIONS	320	LB SCRAP	5	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Sunny			TEMPERATURE Degrees (f)		76		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	2	0	No	NA	320	5	0	No
3	Grid Not Finished	8	Yes	1550 hrs	Grid Not Finished	Grid Not Finished	Grid Not Finished	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site today.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	17 October 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMAN
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GRIDS CLEARED	0	UXO LOCATED	8	EXCAVATIONS	Grid Not Completed	LB SCRAP	Grid Not Completed
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Warm	TEMPERATURE Degrees (f)	75
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	Grid Not Finished	0	NA	NA	Grid Not Finished	Grid Not Finished	Grid Not Finished	No
3	Grid Not Finished	8	NA	1400 hrs	Grid Not Finished	Grid Not Finished	Grid Not Finished	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site today. Team 1 establishing grids in Area OOU-2. Team 2 encountered numerous trash and expended small arms pits in OOU-7, Grid D7. No grids completed this day.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	18 October 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	2	UXO LOCATED	0	EXCAVATIONS	950	LB SCRAP	15	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Warm to Rainy			TEMPERATURE Degrees (f)		75		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	2	0	NA	NA	950	15	0	No
3	Grid Not Finished	0	NA	NA	NA	Grid Not Finished	Grid Not Finished	No

COMMENTS:

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
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DATE	21 October 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMANN
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GRIDS CLEARED	4	UXO LOCATED	0	EXCAVATIONS	976	LB SCRAP	78
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Warm	TEMPERATURE Degrees (f)	73
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	Grid Not Finished	0	No	NA	NA	0	0	No
2	3	0	No	NA	570	6	6	No
3	1	0	No	NA	406	60	6	No

COMMENTS:
 Physical security check of MESA conducted. Professional surveyors not on site today. Team 1 continues to establish grids in Area Received call from Patti Berry that the Safety Specialist would not be on site until 10/22/96.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	22 October 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	3	UXO LOCATED	5	EXCAVATIONS	4836	LB SCRAP	787	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME		0	
MAG TYPE	GA52C AND GA52CX			MAG SETTING		HIGH		
WEATHER	Warm			TEMPERATURE Degrees (f)			79	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	1	0	No	NA	650	0	2	No
3	2	5	Yes	1200 hrs	4186	710	75	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site today. Team 1 continued establishing grids in Area OOU-2.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
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DATE	23 October 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	3	UXO LOCATED	10	EXCAVATIONS	1963	LB SCRAP	129	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Warm/Mild			TEMPERATURE Degrees (f)		75		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	1	0	No	NA	950	1	3	No
3	2	10	Yes	1600 hrs	1013	100	25	No

COMMENTS:

Physical security check of MESA conducted. Professional Surveyors not on site today.
 Contacted Marion Grambling of Grambling brothers and Marion said he would be out next week. Team 1 continues to establish grids in Area OOU-2.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
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DATE	24 October 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	2	UXO LOCATED	0	EXCAVATIONS	1052	LB SCRAP	146	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			0
MAG TYPE	GA52C AND GA52CX		MAG SETTING			HIGH		
WEATHER	Mild			TEMPERATURE Degrees (f)			67	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	1	0	No	NA	510	2	4	No
3	1	0	No	NA	542	120	20	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site today. Wayne Bogan PM, Charleston District, will visit site 10/28/96. Team 1 continues establishing grids in Area OOU-2.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	28 October 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	NA	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Warm			TEMPERATURE Degrees (f)		80		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	Grid Not Finished	0	No	NA	Grid Not Finished	Grid Not Finished	Grid Not Finished	No
3	Grid Not Finished	0	No	NA	Grid Not Finished	Grid Not Finished	Grid Not Finished	No

COMMENTS:

Security check of MESA conducted. Professional surveyors on site today. Provided UXO avoidance support for surveyors. Wayne Bogan, PM, Charleston district on site today. Team 1 continued laying in grids in Area OOU-2. Received dates for Christmas demobilization. Travel day departing will be 12 Dec 1996 and return travel day will be 6 Jan 1997. Site personnel notified that everyone would demobilize. Contacted Thrifty Rental and informed Walter Miller when we would be departing and Walter said there would be no problems on having vehicles available on our return.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
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DATE	29 October 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMAN
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GRIDS CLEARED	2	UXO LOCATED	8	EXCAVATIONS	670	LB SCRAP	83
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Mild	TEMPERATURE Degrees (f)	78
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	Grid Not Finished	NA	NA	NA	NA	Grid Not Finished	Grid Not Finished	No
2	2	0	No	NA	670	73	10	No
3	Grid Not Finished	8	Yes	1600 hrs	NA	Grid Not Finished	Grid Not Finished	No

COMMENTS:
 Physical security check of MESA conducted. Professional surveyors not on site this day.
 Wayne Bogan on site today and visited grid P11.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	30 October 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	1	UXO LOCATED	1	EXCAVATIONS	465	LB SCRAP	5	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		78		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	1	0	No	NA	465	0	5	No
3	Grid not Finished	1	Yes	1600 hrs	Grid not Finished	Grid not Finished	Grid not Finished	Grid not Finished

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site this day. Team 1 continued establishing grids in Area OOU-2. Majority of excavations were hot rocks.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	31 October 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	1	UXO LOCATED	0	EXCAVATIONS	2364	LB SCRAP	615	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		78		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	Grid not Finished	0	NA	NA	Grid not Finished	Grid not Finished	Grid not Finished	No
3	1	0	No	NA	2364	495	120	No

COMMENTS:
 Physical security check of MESA conducted. Professional surveyors not on site today. Team 1 continues establishing grids in OOU-2. It would appear that the horse trails that are supposed to be in OOU-2 are not in the area, but lie somewhere between Area 39 and OOU-2. The HFA grid team has established grids in the southern part of OOU-2 and did not encounter the horse trails.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	4 November 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	1	UXO LOCATED	6	EXCAVATIONS	725	LB SCRAP	91	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME		0	
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		79		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	1	0	No	NA	725	77	14	No
3	Grid not Finished	6	Yes	1600 hrs	Grid not Finished	Grid not Finished	Grid not Finished	No

COMMENTS:
 Physical security check of MESA conducted. Professional Surveyors not on site. Emmett Hopkins, Mapping and Data Supervisor arrives.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	5 November 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		78		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	Grid not Finished	0	No	NA	Grid not Finished	Grid not Finished	Grid not Finished	No
3	Grid not Finished	0	No	NA	Grid not Finished	Grid not Finished	Grid not Finished	No

COMMENTS:

Physical security check of MESA conducted. Professional Surveyors not on site. Team 1 continues establishing grids in Area OOU-2. Team 1 and 2 continues working in highly contaminated grids. No grids were completed this day.

SUXOS SIGNATURE: *Arnold Niederhoffer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	6 November 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	3	UXO LOCATED	0	EXCAVATIONS	1768	LB SCRAP	537	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		75		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	1	0	No	NA	634	215	17	No
3	2	0	No	NA	1134	250	55	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site today.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	7 November 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMAN
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GRIDS CLEARED	1	UXO LOCATED	0	EXCAVATIONS	676	LB SCRAP	215
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Rainy	TEMPERATURE Degrees (f)	70
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	Grid not Finished	0	NA	NA	Grid not Finished	Grid not Finished	Grid not Finished	No
3	1	0	No	NA	676	175	40	No

COMMENTS:
 Physical security check of MESA conducted. Professional surveyors not on site this date. Will be on site 11/12/96. Safety Specialist GPSed the horse trails that were supposed to be in Area OOU-2. The trails are not in Area OOU-2, but lay between Area 39 and Area OOU-2.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 012

DATE	12 November 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	1	UXO LOCATED	9	EXCAVATIONS	2185	LB SCRAP	794	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			0
MAG TYPE	GA52C AND GA52CX			MAG SETTING			HIGH	
WEATHER	Cool			TEMPERATURE Degrees (f)				49
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	1	9	Yes	1300 hrs	2185	610	184	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site today. Team 1 continued establishing grids in Area OOU-2. Team 2 beautified and pulled grid stakes in area OOU-7. R11 was the last grid in Area OOU-7. Team 3 worked in Area OOU-2 and completed 5 grids. There is a separate daily for area OOU-2. This daily pertains to Area OOU-7 only.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	12 November 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	5	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	106	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Cool			TEMPERATURE Degrees (f)		49		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
3	5	0	No	NA	NA	11	95	No

COMMENTS:

This daily pertains to Area OOU-2. This was the first operational day in Area OOU-2. Other two teams remain in Area OOU-7.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	13 November 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	16	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	34	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		60		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	8	0	No	NA	NA	0	2	No
3	8	0	No	NA	NA	11	21	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site today. Team 1 continues establishing grids in area OOU-2.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	14 November 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	14	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	20	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		55		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	7	0	No	NA	NA	4	2	No
3	7	0	No	NA	NA	7	7	No

COMMENTS:
 Physical security check of MESA conducted. Professional surveyors not on site today. Team 1 continues to establish grids in Area OOU-2. Horse trails which were supposed to be in Area OOU-2 were GPSed by COE Safety Specialist G. Kocher and the trails are not in the boundaries of Area OOU-2. The trails are between Area 39 and Area OOU-2.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	18 November 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	11	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	29	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Cool/Rainy			TEMPERATURE Degrees (f)		48		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	5	0	No	NA	NA	10	5	No
3	6	0	No	NA	NA	4	10	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site today. Team 1 continued to establish grids in Area OOU-2. It rained most of the day. QC and one member from team 2 and 3 restored Area OOU-7. Area OOU-7, with the exception of the nature trail, will open 11/22/96. Duke Power will work in Area OOU-7 replacing electrical cable starting 11/19/96.

SUXOS SIGNATURE:

Arnold Niederhofer

**HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019**

DATE	19 November 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	15	UXO LOCATED	4	EXCAVATIONS	NA	LB SCRAP	40	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild/Rainy			TEMPERATURE Degrees (f)		55		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	6	4	Yes	1200 hrs	NA	17	5	No
3	9	0	No	NA	NA	10	8	No

COMMENTS:

Physical security check of MESA conducted. Professional Surveyors not on site today. Area 7, with the exception of the nature trail will open to the public at 0700hrs, 11/22/96. Team 1 continued establishing grids in Area OOU-7.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	20 November 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	13	UXO LOCATED	3	EXCAVATIONS	NA	LB SCRAP	33	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Sunny			TEMPERATURE Degrees (f)		63		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	5	3	Yes	1330 hrs	NA	9	7	No
3	8	0	NA	NA	NA	10	7	No

COMMENTS:

Physical security check of MESA conducted. Professional Surveyors on site today and worked in Area OOU-2. Provided UXO avoidance support for the surveyors. Team 1 continued establishing grids in Area OOU-2.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	21 November 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	11	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	37	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			0
MAG TYPE	GA52C AND GA52CX			MAG SETTING			HIGH	
WEATHER	Mild			TEMPERATURE Degrees (F)				55
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	5	0	No	NA	NA	5	6	No
3	6	0	No	NA	NA	6	20	No

COMMENTS:

Physical security check of MESA conducted. Team 1 continues to establish grids in Area OOU-2.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	25 November 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	13	UXO LOCATED	5	EXCAVATIONS	NA	LB SCRAP	38	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild/Rainy			TEMPERATURE Degrees (f)		70		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	7	5	Yes	1400 hrs	NA	7	4	No
3	6	0	No	NA	NA	23	4	No

COMMENTS:

Physical security check of MESA conducted. Team1 continues establishing grids in Area OOU-2.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	26 November 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	12	UXO LOCATED	3	EXCAVATIONS	NA	LB SCRAP	24	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild/Rainy			TEMPERATURE Degrees (f)		65		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	5	3	Yes	1230 hrs	NA	3	7	No
3	7	0	No	NA	NA	8	6	No

COMMENTS:

Physical security check of MESA conducted. Team 1 completed the grid layout in Area OOU-2.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	27 November 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	27	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	73	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Cool/Rainy			TEMPERATURE Degrees (f)		62		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	16	0	No	NA	NA	5	46	No
2	6	0	No	NA	NA	5	8	No
3	5	0	No	NA	NA	9	0	No

COMMENTS:

Physical security check of MESA conducted. Wayne Bogan, visited site. No COE Safety Specialist on site.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	2 December 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	33	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	43	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild/Rainy			TEMPERATURE Degrees (f)		55		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	17	0	No	NA	NA	9	6	No
2	10	0	No	NA	NA	2	3	No
3	6	0	No	NA	NA	17	6	No

COMMENTS:

Physical security check of MESA conducted. Scrap metal contractor came out picked up inert scrap. Scrap dealer said he would not pick up any more scrap because he has no hired help.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	3 December 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	23	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	73	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Rainy			TEMPERATURE Degrees (F)		48		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	10	0	No	NA	NA	3	7	No
2	8	0	No	NA	NA	0	2	No
3	5	0	No	NA	NA	45	16	No

COMMENTS:

Physical security check of MESA conducted. Surveyors not on site today.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	4 December 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	15	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	23	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Rainy			TEMPERATURE Degrees (f)		48		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	5	0	No	NA	NA	1	5	No
2	5	0	No	NA	NA	1	3	No
3	5	0	No	NA	NA	9	4	No

COMMENTS:

Physical Security check of MESA conducted. Surveyors not on site today.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	5 December 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	13	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	39	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Heavy Rain			TEMPERATURE Degrees (f)		45		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	4	0	No	NA	NA	10	6	No
2	5	0	No	NA	NA	9	5	No
3	4	0	No	NA	NA	5	4	No

COMMENTS:

Physical check of MESA conducted. Physical inventory of explosive items conducted.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	9 December 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMAN
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GRIDS CLEARED	15	UXO LOCATED	11	EXCAVATIONS	NA	LB SCRAP	54
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Mild/Cool	TEMPERATURE Degrees (f)	48
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	5	0	No	NA	NA	2	10	No
2	5	7	Yes	1410 hrs	NA	5	2	No
3	5	4	Yes	1415 hrs	NA	30	5	No

COMMENTS:

Physical security check of MESA conducted. Professional Surveyors not on site today.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	10 December 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	15	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	62	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		55		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	5	0	No	NA	NA	2	10	No
2	5	0	No	NA	NA	4	0	No
3	5	0	No	NA	NA	45	1	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors on site and working in Area 39. Provided UXO avoidance support for the surveyors. Wayne Bogan, Ken Shott, Valrie, and two DEHEC people visited site and toured suspect chemical location near Pacolet, SC. The Horse trails in Area 39 did not match the map supplied by COE, Huntsville. Requested coordinates from Tommy Hunt, COE Huntsville of the corners of Area 39. Received FAX from Holicong changing the Christmas Demobilization to a Home Leave.

SUXOS SIGNATURE: *Arnold Niederhofer*

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DATE	11 December 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	15	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	48	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME		0	
MAG TYPE	GAS2C AND GA52CX			MAG SETTING		HIGH		
WEATHER	Mild			TEMPERATURE Degrees (f)			50	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	5	0	No	NA	NA	5	30	No
2	5	0	No	NA	NA	3	0	No
3	5	0	No	NA	NA	10	0	No

COMMENTS:

Physical security check of MESA conducted. Professional surveyors not on site today.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
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DATE	12 December 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	15	UXO LOCATED	3	EXCAVATIONS	NA	LB SCRAP	56	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		56		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	5	0	No	NA	NA	3	11	No
2	5	3	Yes	0940 hrs	NA	2	0	No
3	5	0	No	NA	NA	30	10	No

COMMENTS:

Physical security check of MESA conducted. Professional Surveyors on site working in Area 39 (horse trails).

SUXOS SIGNATURE:



HUMAN FACTORS APPLICATIONS, INC
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DATE	16 December 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	OCO	ROBERT RAESEMAN					
GRIDS CLEARED	12	UXO LOCATED	1	EXCAVATIONS	NA	LB SCRAP	28	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			0
MAG TYPE	GA52C AND GA52CX			MAG SETTING		HIGH		
WEATHER	Overcast				TEMPERATURE Degrees (f)			55
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	7	0	No	No	NA	0	10	No
3	5	1	Yes	1355 hrs	NA	17	1	No

COMMENTS:

Physical security check of MESA conducted. Surveyors not on site today. Team 1 started operations in Area 39-Horse Trails. This daily is for Area OOU-2.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
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DATE	16 December 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	10	UXO LOCATED	0	EXCAVATIONS	57	LB SCRAP	3	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			0
MAG TYPE	GA52C AND GA52CX			MAG SETTING		HIGH		
WEATHER	Cold			TEMPERATURE Degrees (f)			50	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	10	0	No	NA	57	2	1	No

COMMENTS:

Pertains to Horse Trails in Area 39.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	17 December 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	14	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	44	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild/Cold			TEMPERATURE Degrees (f)		40		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	8	No	NA	NA	NA	3	2	No
3	6	No	NA	NA	NA	16	23	No

COMMENTS:

Physical security check of MESA. Team 1 working horse trails in Area 39.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	17 December 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH			QCO	ROBERT RAESEMANN			
GRIDS CLEARED	10	UXO LOCATED	0	EXCAVATIONS	295	LB SCRAP	79	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			0
MAG TYPE	GA52C AND GA52CX			MAG SETTING		HIGH		
WEATHER				TEMPERATURE Degrees (f)				
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	10	0	No	NA	295	12	67	No

COMMENTS:

Pertains to the Horse trails in Area 39.

SUXOS SIGNATURE:

Arnold Niederhofer

**HUMAN FACTORS APPLICATIONS, INC
 DAILY SITE JOURNAL
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DATE	18 December 1996	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	6	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	29	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild/Cold			TEMPERATURE Degrees (f)		42		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	3	0	NA	NA	NA	0	2	No
3	3	0	NA	NA	NA	13	14	No

COMMENTS:

Physical security check of MESA conducted. Team 1 working horse trails in Area 39.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
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DATE	18 December 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH		QCO	ROBERT RAESEMANN				
GRIDS CLEARED	5	UXO LOCATED	0	EXCAVATIONS	62	LB SCRAP	8	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			0
MAG TYPE	GA52C AND GA52CX			MAG SETTING		HIGH		
WEATHER	Cold			TEMPERATURE Degrees (f)			46	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	5	0	No	NA	62	6	2	No

COMMENTS:

Pertains to Horse Trails in Area 39.

SUXOS SIGNATURE:

Arnold Niederhofer

**HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
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CONTRACT NUMBER DACA 87-94-D-0019
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DATE	7 January 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMANN
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GRIDS CLEARED	15	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	56
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Cold/Rain	TEMPERATURE Degrees (f)	40
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	1	0	NA	NA	NA	10	10	No
2	8	0	NA	NA	NA	0	16	No
3	6	0	NA	NA	NA	0	20	No

COMMENTS:

Physical security check of MESA conducted. EECA advance party on site and setting up. Instructed by Jack Norris to support EECA. Relocated Map and Data Supervisor to SUXOS trailer.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	8 January 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	15	UXO LOCATED	1	EXCAVATIONS	NA	LB SCRAP	62	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Cool/Rainy			TEMPERATURE Degrees (f)		45		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	5	0	No	NA	NA	11	7	No
2	5	1	Yes	1430 hrs	NA	3	5	No
3	5	0	No	NA	NA	18	18	No

COMMENTS:

Security Check of MESA conducted.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	9 January 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMAN
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GRIDS CLEARED	15	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	131
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Cold/Rainy	TEMPERATURE Degrees (f)	34
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	5	0	NA	NA	NA	4	30	No
2	5	0	NA	NA	NA	2	22	No
3	5	0	NA	NA	NA	45	28	No

COMMENTS:
Physical security check of MESA conducted.

SUXOS SIGNATURE: *Arnold Niederhofer*

**HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
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TASK ORDER 019**

DATE	10 January 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	17	UXO LOCATED	5	EXCAVATIONS	NA	LB SCRAP	147	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Cold			TEMPERATURE Degrees (f)		37		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	5	0	No	NA	NA	2	20	No
2	6	0	No	NA	NA	13	9	No
3	6	5	Yes	1405 hrs	NA	80	23	No

COMMENTS:

Physical Security check of MESA conducted.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
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DATE	13 January 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	21	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	75	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Cold			TEMPERATURE Degrees (f)		45		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	7	0	No	NA	NA	1	23	No
2	7	0	No	NA	NA	0	17	No
3	7	0	No	NA	NA	20	14	No

COMMENTS:

Patti Berry, Tom Hunt, and Greg Bayuga arrived site with the engineer controls for the EECA team.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	14 January 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	21	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	53	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild/Rain			TEMPERATURE Degrees (f)		50		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	7	0	NA	NA	NA	5	10	No
2	7	0	NA	NA	NA	0	12	No
3	7	0	NA	NA	NA	20	6	No

COMMENTS:

Patti Berry, Carl Blankenship, Tom Hunt, Greg Bayuga, and Wayne Bogan on site. Not necessary to survey horse trails fragments in Area OOU-1B-per Patti Berry. Carl Blankenship new PM in Huntsville. Instructed to buy rocks for drive-Patti Berry and C. Blankenship. Bogan working on right of entry for grids lost in northern part of OOU-2.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
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CONTRACT NUMBER DACA 87-94-D-0019
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DATE	15 January 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	20	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	56	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Rain			TEMPERATURE Degrees (f)		42		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	7	0	NA	NA	NA	4	8	No
2	7	0	NA	NA	NA	0	3	No
3	6	0	NA	NA	NA	28	13	No

COMMENTS:

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
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DATE	16 January 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	16	UXO LOCATED	4	EXCAVATIONS	NA	LB SCRAP	118	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Cold			TEMPERATURE Degrees (f)		49		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	6	0	No	NA	NA	10	36	No
2	5	0	No	NA	NA	3	14	No
3	5	4	Yes	1205 hrs	NA	41	14	No

COMMENTS:

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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DATE	22 January 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	16	UXO LOCATED	4	EXCAVATIONS	NA	LB SCRAP	32	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Cold			TEMPERATURE Degrees (f)		41		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	6	2	Yes	1400	NA	3	12	No
2	5	0	No	NA	NA	0	10	No
3	5	2	Yes	1205 hrs	NA	3	4	No

COMMENTS:

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	23 January 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	14	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	20	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		50		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	3	0	NA	NA	NA	0	10	No
2	6	0	NA	NA	NA	0	0	No
3	5	0	NA	NA	NA	2	8	No

COMMENTS:

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
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CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	27 January 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	18	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	20	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME				
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		50		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	5	0	No	NA	NA	1	9	No
2	8	0	No	NA	NA	0	5	No
3	5	0	No	NA	NA	0	5	No

COMMENTS:

Resumed operations in Area OOU-2. Have not received authorization for gravel. Received instructions to ship two engineer control boxes to Totten, NY. Still no word on whether or not permission has been granted to clear the property on Wedgewood.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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 FORMER CAMP CROFT PROJECT
 CONTRACT NUMBER DACA 87-94-D-0019
 TASK ORDER 019

DATE	28 January 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMANN
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GRIDS CLEARED	15	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	17
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Mild	TEMPERATURE Degrees (f)	45
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	5	0	NA	NA	NA	1	6	No
2	5	0	NA	NA	NA	0	2	No
3	5	0	NA	NA	NA	2	6	No

COMMENTS:
 Received authorization to purchase gravel for the drive way. Wayne Bogan said that we did receive permission to do Area OOU-3. The landowner requires 48 hours advance notice.
 Received instructions to ship two engineer control shelters to Fort Totten, NY. Attempted to find out how much time EXCU STAY requires in advance to vacating the apartments.
 FAXed Grambling concerning date for establishing grids in OOU-3. Suggested 12 Feb 97.

SUXOS SIGNATURE: *Arnold Niederhofer*

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FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	29 January 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	12	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	16	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Cold with periodic sleet			TEMPERATURE Degrees (f)		42		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	4	0	NA	NA	NA	1	3	No
2	4	0	NA	NA	NA	0	1	No
3	4	0	NA	NA	NA	0	11	No

COMMENTS:
 Contractor delivering gravel for drive way will not be on site until 3 Feb 97. Teams advised to be extremely careful of slips trips and falls due to the inclement weather.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	3 February 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	9	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	36	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Warm			TEMPERATURE Degrees (f)		60		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	3	0	No	NA	NA	5	19	No
2	3	0	No	NA	NA	0	3	No
3	3	0	No	NA	NA	0	9	No

COMMENTS:

Contract Surveyors will be on site 12 Feb 1997 to survey in boundaries in OOU-3. Jim Annele on site. Gravel for drive way arrived.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
 FORMER CAMP CROFT PROJECT
 CONTRACT NUMBER DACA 87-94-D-0019
 TASK ORDER 019

DATE	4 February 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	12	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	30	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Rain/Wet			TEMPERATURE Degrees (f)		45		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	4	0	No	NA	NA	0	12	No
2	4	0	No	NA	NA	0	3	No
3	4	0	No	NA	NA	0	15	No

COMMENTS:

Spoke with Wayne Bogan concerning working on Mrs Pikes property on Wedgewood. The contract surveyors are scheduled to determine the boundaries on 12 Feb. Wayne said he would give Mrs Pike a call to let her know and that I should call on 10 Feb and let her know how many people will be on her property and will she require a list of names.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
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FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	5 February 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	15	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	27	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		49		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	5	0	No	NA	NA	0	8	No
2	5	0	No	NA	NA	0	8	No
3	5	0	No	NA	NA	0	11	No

COMMENTS:

Spoke with Karl Blankenship and Patti Berry and there is a possibility that new horse trails may be established in Area OOU-2. If this happens HFA may be extended at Croft to do the trails. Karl Blankenship in concurrence with Jim Annele said I was authorized to have carrying handles welded on the engineer control boxes.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
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FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	6 February 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	15	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	265	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (F)		55		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	5	0	No	NA	NA	0	14	No
2	5	0	No	NA	NA	0	234	No
3	5	0	No	NA	NA	1	16	No

COMMENTS:

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	10 February 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	14	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	29	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Rain/Cold			TEMPERATURE Degrees (f)		41		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	7	0	No	NA	NA	1	12	No
3	7	0	No	NA	NA	2	14	No

COMMENTS:

As directed sharing explosive storage facilities with ESE. Contacted Mrs Pike, 160 Wedgewood and advised her that the surveyors and utility people would be on her property 12 Feb 97. Received word from K. Blankinship that 5400 feet of horse trails would be added to OOU-2.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
 FORMER CAMP CROFT PROJECT
 CONTRACT NUMBER DACA 87-94-D-0019
 TASK ORDER 019

DATE	12 February 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMAN
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GRIDS CLEARED	12	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	13
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Cold	TEMPERATURE Degrees (f)	43
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	6	0	No	NA	NA	0	6	No
3	6	0	No	NA	NA	2	5	No

COMMENTS:
 Professional surveyors located area OOU- 3-160 Wedgewood Place, landowner Mrs Pike. Ms Pike called and said she would not be home but it was alright to work on her property. Three members from Team 1 (HFA Grid Team) assisted contract surveyors in locating boundaries of OOU-3 and provided UXO avoidance support for the surveyors.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	13 February 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	13	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	14	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Rain all day			TEMPERATURE Degrees (f)		36		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	5	0	No	NA	NA	7	3	No
2	3	0	No	NA	NA	0	0	No
3	5	0	No	NA	NA	0	4	No

COMMENTS:

Mrs Pike, 160 Wedgewood, notified that HFA would be on her property on 17 Feb 97.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
 FORMER CAMP CROFT PROJECT
 CONTRACT NUMBER DACA 87-94-D-0019
 TASK ORDER 019

DATE	18 February 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	13	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	13	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		59		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	4	0	No	NA	NA	3	3	No
2	4	0	No	NA	NA	0	2	No
3	5	0	No	NA	NA	0	5	No

COMMENTS:

At COB today have not received authorization for addition of horse trails in area OOU-2. Requested Notice to Proceed from Huntsville for area OOU-3. Team 1 and 2 removed scrap that had been staged and could not be removed until the area dried out. Scrap was brought out to Henningston Road and Johnson Lake Road.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
 FORMER CAMP CROFT PROJECT
 CONTRACT NUMBER DACA 67-94-D-0019
 TASK ORDER 019

DATE	19 February 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	11	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	21	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (F)		68		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	2	0	No	NA	NA	3	11	No
2	4	0	No	NA	NA	2	1	No
3	5	0	No	NA	NA	0	4	No

COMMENTS:

Removed large quantities of scrap from grids to land fill. Pulled stakes in Area 39.
 Received Notice to Proceed in Area OOU-3. Received addition of horse trails in Area OOU-2.

SUXOS SIGNATURE: *Arnold A. Niederhofer*

**HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019**

DATE	20 February 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	9	UXO LOCATED		EXCAVATIONS	NA	LB SCRAP	11	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Warm			TEMPERATURE Degrees (f)		60		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	5	0	No	NA	NA	4	2	No
3	4	0	No	NA	NA	0	5	No

COMMENTS:

Team 1 started establishing grids at 160 Wedgewood Place-OOU-3. Provided UXO avoidance for park personnel establishing route for the 5400 feet of new horse trails in OOU-2. Transferred custody of one Gator (H00768) to ESE and one Gator (H00767) to UXB.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
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DATE	24 February 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	10	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	4	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		58		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	5	0	No	NA	NA	0	1	No
3	5	0	No	NA	NA	0	3	No

COMMENTS:

Team 1 (HFA Survey Team) worked in OOU-3.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	25 February 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	11	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	8	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			0
MAG TYPE	GA52C AND GA52CX			MAG SETTING		HIGH		
WEATHER	Mild			TEMPERATURE Degrees (f)			59	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	5	0	No	NA	NA	1	3	No
3	6	0	No	NA	NA	1	3	No

COMMENTS:

Team 1 completed grid lay out in Area OOU-3. Received word that Jim Anelle would be the COE Safety Specialist. St Louis in out of the loop.

SUXOS SIGNATURE:

Arnold Niederhofer

**HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019**

DATE	26 February 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	12	UXO LOCATED	1	EXCAVATIONS	NA	LB SCRAP	49	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME		0	
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		50		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	6	1	Yes	1130 hrs	NA	13	12	No
3	6	0	NA	NA	NA	9	15	No

COMMENTS:

Team 1 established grids on the horse trail in area OOU-2. Wayne Bogan and Lincoln Blake (PAO Charleston) called and wanted to know if HFA had been on private property. The three HFA sweep teams were working in OOU-2 within the boundaries established by the Corps of Engineers. The WAR group has been active near OOU-2. Representatives of the group were at the entrance to the gate and were trying to solicit information. Additionally, HFA Safety observed someone coming out of the woods and put a cylindrical object in the truck of his car. Received a 948 authorizing HFA to relocate ordnance which is save to move from OOU-3 to OOU-2 for disposal purposes. Notified Carolina Security of the tentative demobilization dates. Informed by COE Safety Specialist Jim Anelle that if any UXO was located on Dr. Lowery's property that HFA would dispose of the item. I said I could not do that unless I received authorization. Robby Wylie, equipment specialist at Huntsville said Croft would be shipping all equipment to JPG.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	27 February 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	9	UXO LOCATED	3	EXCAVATIONS	NA	LB SCRAP	24	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Rain			TEMPERATURE Degrees (f)		49		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	4	1	Yes	1030 hrs	NA	4	4	No
3	5	2	Yes	1035 hrs	NA	15	1	No

COMMENTS:

Team 1 continues establishing grids for the horse trails in OOU-2. Surveyors were scheduled to survey in horse trails in OOU-2 but canceled due to the inclement weather.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
 FORMER CAMP CROFT PROJECT
 CONTRACT NUMBER DACA 87-94-D-0019
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DATE	3 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	31	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Rainy to Warm			TEMPERATURE Degrees (f)		55		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
3	0	0	No	NA	NA	1	30	No

COMMENTS:

This daily pertains to OOU-3 , 160 Wedgewood Place.
 Team 3 started in Grid D02 and E02. In D02 an 80 foot by 80 foot portion of the grid was completed and 374 anomalies were investigated. 308 of the anomalies were hot rocks and 66 were nails and barbed wire. In E02 a 10 foot by 80 foot portion of the grid was completed and 69 anomalies were investigated. Forty three anomalies yielded hot rocks and 26 anomalies were nails, barbed wire, and one MK2 expended, inert, hand grenade was located.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
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DATE	3 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	6	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	28	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME			0	
MAG TYPE	GA52C AND GA52CX		MAG SETTING			HIGH		
WEATHER	Rain, Sunny, Rain			TEMPERATURE Degrees (f)			55	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	6	0	No	NA	NA	13	15	No

COMMENTS:

Professional surveyors called and said they would not be on site today to survey in the horse trails in OOU-2 but will come 4 March 1997. Team 1 continued on horse trails in OOU-2.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
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DATE	4 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	75	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Warm			TEMPERATURE Degrees (f)		70		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
3	0	0	No	NA	NA	30	45	No

COMMENTS:

This daily pertains to OOU-3 , 160 Wedgewood Place. Team 3 continues operation in Grid D02 in area OOU-3. Completed 120 foot by 60 foot portion of the grid (this is in addition to what was completed on 3 March 1997). 405 anomalies were hot rocks and 101 anomalies were hand grenade spoons, pull rings, and three practice MK2 expended (inert) hand grenades and barbed wire. Received portable toilet for OOU-3.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
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TASK ORDER 019

DATE	4 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	6	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	28	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Warm			TEMPERATURE Degrees (f)		70		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	6	0	No	NA	NA	18	10	No

COMMENTS:

Area OOU-2. Team 1 surveyed horse trails and provided UXO avoidance for professional surveyors. The surveyors surveyed the horse trail in OOU-2. (Approximately 5200 feet).

SUXOS SIGNATURE:



HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	5 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	OCO	ROBERT RAESEMAN					
GRIDS CLEARED	1	UXO LOCATED	2	EXCAVATIONS	270	LB SCRAP	121	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			0
MAG TYPE	GA52C AND GA52CX			MAG SETTING		HIGH		
WEATHER	Mild			TEMPERATURE Degrees (f)			78	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	0	1	NA	NA	NA	NA	NA	No
3	1	1	No	NA	270	35	86	No

COMMENTS:
 Pertains to OOU-3

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	5 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	2	UXO LOCATED	3	EXCAVATIONS	362	LB SCRAP	40	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER				TEMPERATURE Degrees (f)				
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	2	3	Yes	1430 hrs	362	25	15	No

COMMENTS: Pertains to horsetrails in OOU-2.

SUXOS SIGNATURE: *Arnold Niederhofer*

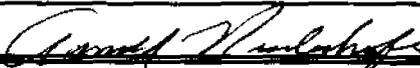
HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	6 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	1	UXO LOCATED	2	EXCAVATIONS	NA	LB SCRAP	25	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER			TEMPERATURE Degrees (f)					
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	0	0	NA	NA	NA	See Comment Section Below	See Comment Section Below	No
3	1	2	See Comment Section Below	NA	NA	20	5	No

COMMENTS:

Pertains to OOU-3-160 Wedgewood Place.
 Located two MK2 live fragmentation hand grenades in the front yard of 160 Wedgewood Place. Majority of the time spent is checking and removing hot rocks.

SUXOS SIGNATURE:



HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	6 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	2	UXO LOCATED	2	EXCAVATIONS	530	LB SCRAP	70	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME		0	
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Warm			TEMPERATURE Degrees (f)		68		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	2	2	Yes	1430 hrs	530	40	30	No

COMMENTS:

Pertains to the horse trails in OOU-2.

SUXOS SIGNATURE:



HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 012

DATE	10 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	6	UXO LOCATED	3	EXCAVATIONS	368	LB SCRAP	25	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		72		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	6	3	Yes	1445 hrs	368	20	5	No

COMMENTS:
 Pertains to horse trails in OOU-2.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	11 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	4	UXO LOCATED	1	EXCAVATIONS	573	LB SCRAP	62	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			0
MAG TYPE	GA52C AND GA52CX			MAG SETTING		HIGH		
WEATHER	Mild			TEMPERATURE Degrees (f)			72	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	2	0	No	NA	175	1	5	No
3	2	1	No	NA	398	18	38	No

COMMENTS:

Pertains to OOU-3-160 Wedgewood Place. A live MK2 fragmentation hand grenade was located in Grid B3 and disposed of in OOU-2. Grid B3 was not completed this date and the grenade will be reported on the Daily Site Journal when the grid is finished.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	11 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	4	UXO LOCATED	2	EXCAVATIONS	700	LB SCRAP	68	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME		0	
MAG TYPE	GA52C AND GA52CX		MAG SETTING			HIGH		
WEATHER	Mild			TEMPERATURE Degrees (F)			72	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	4	2	Yes	1600 hrs	700	45	23	No

COMMENTS:

Pertains to horse trails in OOU-2.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	12 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMAN
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GRIDS CLEARED	2	UXO LOCATED	1	EXCAVATIONS	767	LB SCRAP	10
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Warm	TEMPERATURE Degrees (f)	70
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	1	0	No	NA	680	2	5	No
3	1	1	No	NA	87	2	1	No

COMMENTS:
 Pertains to 160 Wedgewood Place-OOU-3. Grids continue to have high contents of hot rocks.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	12 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	10	UXO LOCATED	1	EXCAVATIONS	449	LB SCRAP	40	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME		0	
MAG TYPE	GA52C AND GA52CX		MAG SETTING			HIGH		
WEATHER	Warm			TEMPERATURE Degrees (F)			70	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	10	1	Yes	1600 hrs	449	30	10	NO

COMMENTS:

Pertains to horse trails in OOU-2.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	13 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	8	UXO LOCATED	3	EXCAVATIONS	288	LB SCRAP	41	
CLIENT: CEHNC	FIELD OPERATIONS TIME			10	GOV DELAY TIME			0
MAG TYPE	GA52C AND GA52CX			MAG SETTING		HIGH		
WEATHER	Warm			TEMPERATURE Degrees (f)			70	
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
1	8	3	Yes	1600 hrs	288	20	21	No

COMMENTS:
 Pertains to horse trails in OOU-2 only.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	13 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMANN
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GRIDS CLEARED	3	UXO LOCATED	0	EXCAVATIONS	775	LB SCRAP	11
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Warm	TEMPERATURE Degrees (f)	70
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	2	0	No	NA	630	1	7	No
3	1	0	No	NA	145	2	1	No

COMMENTS:

Pertains to OOU-3 only.
 Team 3 finished grid and relocated to OOU-2.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	13 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMAN					
GRIDS CLEARED	8	UXO LOCATED	0	EXCAVATIONS	NA	LB SCRAP	18	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Warm			TEMPERATURE Degrees (f)		70		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
3	8	No	NA	NA	NA	3	15	No

COMMENTS:

This daily is for OOU-2. Team 2 is working in OOU-3 and Team 1 is working the horse trails in OOU-2. This daily is for OOU-2 surface clearance only.

SUXOS SIGNATURE:

Arnold Niederhofer

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	17 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMAN
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GRIDS CLEARED	24	UXO LOCATED	1	EXCAVATIONS	NA	LB SCRAP	32
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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WEATHER	Mild	TEMPERATURE Degrees (f)	72
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO
2	10	0	NA	NA	NA	0	4	No
3	14	1	Yes	1601 hrs	NA	13	15	No

COMMENTS:
 Pertains to OOU-2.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	17 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		65		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:
 Teams perform maintenance in OOU-2 and OOU-3

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	18 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER
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SSO	FRED PARRISH	QCO	ROBERT RAESEMANN
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GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0
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CLIENT: CEHNC	FIELD OPERATIONS TIME	10	GOV DELAY TIME	0
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MAG TYPE	GA52C AND GA52CX	MAG SETTING	HIGH
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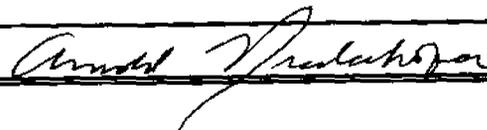
WEATHER	Mild	TEMPERATURE Degrees (f)	65
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TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:

Teams perform maintenance in OOU-2 and OOU-3

SUXOS SIGNATURE:



HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	19 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (F)		65		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:
 Teams perform maintenance in OOU-2 and OOU-3

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	20 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		65		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:
 Three sweep teams and Site Safety demobilized today. SUXOS, QCO, and Mapping Data Supervisor remain to close site down and complete mapping and administration.

SUXOS SIGNATURE: *Arnold Niederhofer*

HUMAN FACTORS APPLICATIONS, INC
DAILY SITE JOURNAL
FORMER CAMP CROFT PROJECT
CONTRACT NUMBER DACA 87-94-D-0019
TASK ORDER 019

DATE	24 March 1997	PM	RICHARD THIEL	SUXOS	ARNOLD NIEDERHOFER			
SSO	FRED PARRISH	QCO	ROBERT RAESEMANN					
GRIDS CLEARED	0	UXO LOCATED	0	EXCAVATIONS	0	LB SCRAP	0	
CLIENT: CEHNC	FIELD OPERATIONS TIME		10	GOV DELAY TIME		0		
MAG TYPE	GA52C AND GA52CX		MAG SETTING		HIGH			
WEATHER	Mild			TEMPERATURE Degrees (f)		65		
TEAM	GRIDS	UXO	BIP YES/NO	TIME OF BIP	TOTAL DIGS	LBS OF OE SCRAP (INERT)	LBS OF NON OE SCRAP	HAZ MAT LOCATED YES/NO

COMMENTS:

Perform inventory on explosive items. ESE also conducted inventory of their explosive items. Continued with mapping and administration. Site equipment inventoried and secured. Last work day. SUXOS, QCO, and Mapping and Data Supervisor will demobilize on 25 March 1997.

SUXOS SIGNATURE: *Arnold Niederhofer*

APPENDIX C
SAFETY DOCUMENTATION

DAILY SAFETY JOURNALS

**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
DATE	11/13/96	TEMPERATURE-Degrees (F)	47
WEATHER	Cloudy and cold	WET BULB/ OTHER DELAY	None

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits conducted throughout the day.

COMMENTS: Operations being conducted in Area 2. Cutting back the underbrush to make room for the vehicles to get through the roads.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	11/14/96	TEMPERATURE-Degrees (F)	56	WET BULB	N/A
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WEATHER	Partly cloudy and cool	WET BULB/ OTHER DELAY	None
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AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Mr. Perry obtained permission from the land owner to have caution tape across Henningston Road at the entrance to Area 2.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT. SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	11/18/96	TEMPERATURE-Degrees (F)	52	WET BULB	N/A
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WEATHER	Rain	WET BULB/ OTHER DELAY	None
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AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits conducted throughout the day.

COMMENTS: Survey markers inadvertently removed; were reinstalled.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
--------------	---------------------------	------------	-------------------------

DATE	11/19/96	TEMPERATURE-Degrees (F)	61	WET BULB	N/A
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WEATHER	Cloudy and damp	WET BULB/ OTHER DELAY	None
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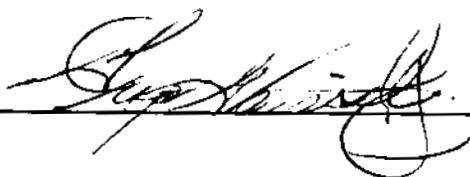
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Team 2 disposed of one (1) 81mm and three (3) 60mm mortars.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	11/20/96	TEMPERATURE-Degrees (F)	64	WET BULB	N/A
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WEATHER	Clear and cool	WET BULB/ OTHER DELAY	None
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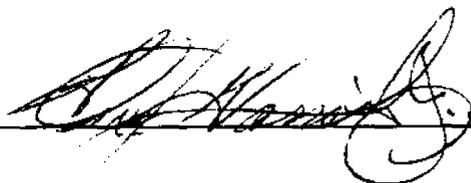
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 2 conducted disposal operations

TEAM VISITS: Team visits were conducted during the day.

COMMENTS: Team 2 disposed of three (3) 60mm mortars by detonation.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL		
SUXOS	ARNOLD NIEDERHOFER		QCO	ROBERT RAESEMANN	
DATE	11/21/96	TEMPERATURE-Degrees (F)	51	WET BULB	N/A
WEATHER	Rain and fog		WET BULB/ OTHER DELAY	None	

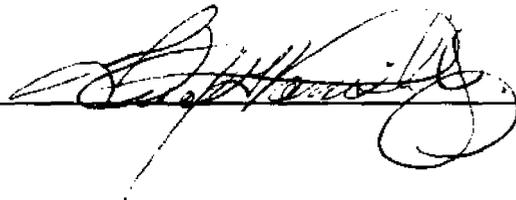
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Due to the weather the roads in Area 2 became very slick.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
DATE	11/25/96	TEMPERATURE-Degrees (F)	70
WEATHER	Cloudy and mild	WET BULB/ OTHER DELAY	None

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 2 conducted disposal operations.

TEAM VISITS: Team visits were conducted during the day.

COMMENTS: Team 2 destroyed six (6) 60 mm mortars by detonation. All operations conducted according to the Safety Plan.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
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DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
DATE	11/26/96	TEMPERATURE-Degrees (F)	59
		WET BULB	N/A
WEATHER	Clear and cold		WET BULB/ OTHER DELAY
			None

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 2 conducted disposal operations.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Team 2 destroyed three (3) 60 mm mortars by detonation. Demolition material was inventoried.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
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DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
DATE	11/27/96	TEMPERATURE-Degrees (F)	53
WEATHER	Clear and cold	WET BULB/ OTHER DELAY	None

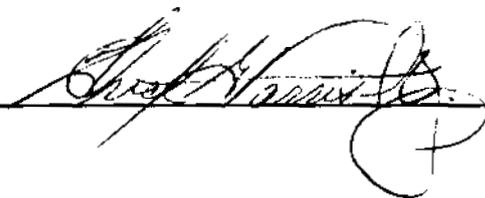
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: All operations were conducted according to the Work Plan. This being the week of Thanksgiving, it is a three (3) day work week.

SSO SIGNATURE:



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 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
DATE	12/2/96	TEMPERATURE-Degrees (F)	56
		WET BULB	N/A
WEATHER	Clear and mild	WET BULB/ OTHER DELAY	None

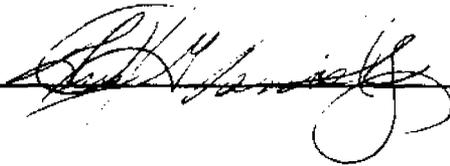
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted during the morning.

COMMENTS: One (1) of the radios "crashed." The COE representatives arrived on site at 1420; Randy King and Randy Fraser.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
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DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
DATE	12/3/96	TEMPERATURE-Degrees (F)	56
WEATHER	Clear and cool	WET BULB/ OTHER DELAY	None

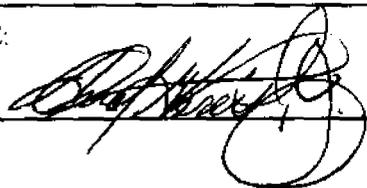
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits conducted throughout the day.

COMMENTS: Communication checks were conducted during the day. A pack of dogs ran some deer through Team 3's area during the morning.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMAN
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DATE	12/4/96	TEMPERATURE-Degrees (F)	55	WET BULB	N/A
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WEATHER	Clear and mild	WET BULB/ OTHER DELAY	None
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AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: A shipment of 1,000' of det cord and 80 perforators was received..

SSO SIGNATURE:



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 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO **FRED PARRISH** **PM** **RICHARD THIEL**

SUXOS **ARNOLD NIEDERHOFER** **QCO** **ROBERT RAESEMANN**

DATE 12/5/96 **TEMPERATURE-Degrees (F)** 40 **WET BULB** N/A

WEATHER Rain and cold **WET BULB/
OTHER DELAY** None

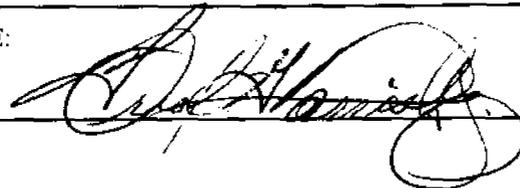
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal procedures conducted.

TEAM VISITS: Team visits conducted throughout the day.

COMMENTS: Team 3 located three (3) deer stands. The park rangers and game warden were notified. A complete inventory of all explosives stored on site was conducted.

SSO SIGNATURE:



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FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
DATE	12/9/96	TEMPERATURE-Degrees (F)	45
WEATHER	Clear and cold	WET BULB/ OTHER DELAY	None

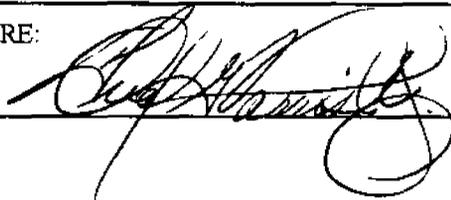
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Teams 2 & 3 conducted disposal operations..

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Team 2 destroyed seven (7) 60mm mortars and Team 3 destroyed four (4) 60mm mortars by detonation.

SSO SIGNATURE:



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 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO **FRED PARRISH** **PM** **RICHARD THIEL**

SUXOS **ARNOLD NIEDERHOFER** **QCO** **ROBERT RAESEMANN**

DATE 12/10/96 **TEMPERATURE-Degrees (F)** 56 **WET BULB** N/A

WEATHER Clear and cold **WET BULB/
OTHER DELAY** None

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: The survey team escort reported evidence of someone riding a trail bike on the horse trails in Area 39.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
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 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	12/11/96	TEMPERATURE-Degrees (F)	64	WET BULB	N/A
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WEATHER	Clear and cool	WET BULB/ OTHER DELAY	None
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AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Informed the park rangers that someone was riding trail bikes on the horse trails.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
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 TASK ORDER 019**

SSO FRED PARRISH **PM** RICHARD THIEL

SUXOS ARNOLD NIEDERHOFER **QCO** ROBERT RAESEMANN

DATE 12/12/96 **TEMPERATURE-Degrees (F)** 60 **WET BULB** N/A

WEATHER Cloudy and cool **WET BULB/ OTHER DELAY** None

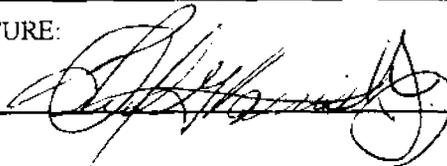
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 2 Conducted disposal operations.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: The flat tire on the safety truck was fixed. Team 2 destroyed three (3) 60 mm mortars by detonation.

SSO SIGNATURE:



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DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO **FRED PARRISH** **PM** **RICHARD THIEL**

SUXOS **ARNOLD NIEDERHOFER** **QCO** **ROBERT RAESEMANN**

DATE 12/16/96 **TEMPERATURE-Degrees (F)** 50 **WET BULB** N/A

WEATHER Clear and cool **WET BULB/
OTHER DELAY** None

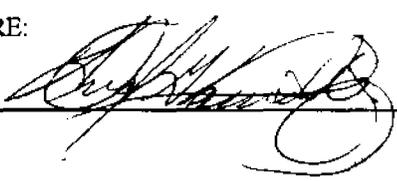
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 3 conducted disposal operations.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Team 3 destroyed one (1) 60 mm mortar by detonation.

SSO SIGNATURE:



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 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO **FRED PARRISH** **PM** **RICHARD THIEL**

SUXOS **ARNOLD NIEDERHOFER** **QCO** **ROBERT RAESEMANN**

DATE 12/17/96 **TEMPERATURE-Degrees (F)** 45 **WET BULB** N/A

WEATHER Rainy and cool **WET BULB/
OTHER DELAY** None

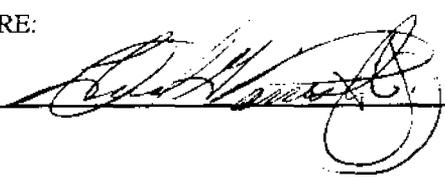
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: All operations were conducted according to the Work Plan.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
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 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO **FRED PARRISH** **PM** **RICHARD THIEL**

SUXOS **ARNOLD NIEDERHOFER** **QCO** **ROBERT RAESEMANN**

DATE 12/18/96 **TEMPERATURE-Degrees (F)** 45 **WET BULB** N/A

WEATHER Cloudy and Warm **WET BULB/
OTHER DELAY** None

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: All vehicles were cleaned and turned in for the Christmas break. The John Deere Gators were secured for the break.

SSO SIGNATURE:



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 TASK ORDER 019**

SSO **FRED PARRISH** **PM** **RICHARD THIEL**

SUXOS **ARNOLD NIEDERHOFER** **QCO** **ROBERT RAESEMANN**

DATE 1/7/97 **TEMPERATURE-Degrees (F)** 48 **WET BULB** N/A

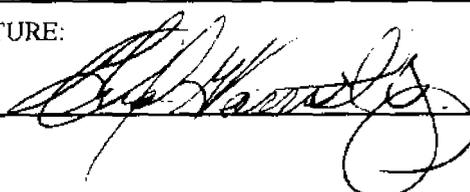
WEATHER Rain in the morning **WET BULB/
OTHER DELAY** None

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Work continuing in Area 2 and on the horse trails. All operations were conducted according to the Work Plan.

SSO SIGNATURE: 

**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO **FRED PARRISH** **PM** **RICHARD THIEL**

SUXOS **ARNOLD NIEDERHOFER** **QCO** **ROBERT RAESEMANN**

DATE 1/8/97 **TEMPERATURE-Degrees (F)** 37 **WET BULB** N/A

WEATHER Clear in the morning. Cloudy with light snow in the afternoon **WET BULB/ OTHER DELAY** None

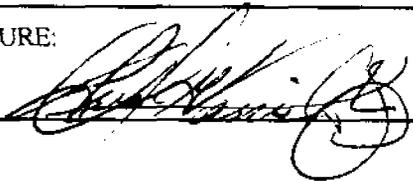
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 2 conducted disposal operations.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Team 2 destroyed one (1) 60 mm Mortar by detonation.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL		
SUXOS	ARNOLD NIEDERHOFER		QCO	ROBERT RAESEMANN	
DATE	1/9/97	TEMPERATURE-Degrees (F)	34	WET BULB	N/A
WEATHER	Freezing rain and sleet		WET BULB/ OTHER DELAY	None	

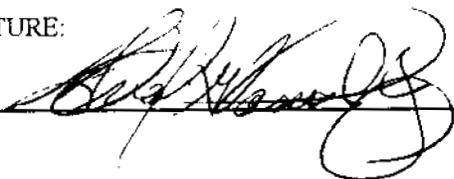
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: There was considerable amounts of standing water and ice on the trees in the work area.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	1/10/97	TEMPERATURE-Degrees (F)	36	WET BULB	N/A
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WEATHER	Clear and Cold	WET BULB/ OTHER DELAY	None
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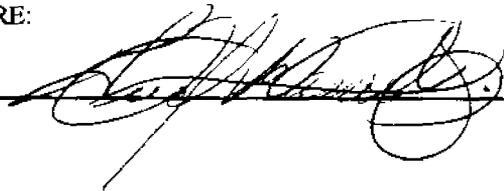
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 3 conducted disposal operations.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Team 3 destroyed five (5) 60 mm mortars by detonation.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	1/13/97	TEMPERATURE-Degrees (F)	45	WET BULB	N/A
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WEATHER	Clear and cold	WET BULB/ OTHER DELAY	None
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AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits conducted throughout the day.

COMMENTS: The weather was very cold early. All operations were conducted according to the Work Plan.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO **FRED PARRISH** **PM** **RICHARD THIEL**

SUXOS **ARNOLD NIEDERHOFER** **QCO** **ROBERT RAESEMANN**

DATE 1/14/97 **TEMPERATURE-Degrees (F)** 46 **WET BULB** N/A

WEATHER Clear and Cold **WET BULB/
OTHER DELAY** None

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Permission was granted by the park rangers for HFA to have gravel put on the parking lot by the trailers.

SSO SIGNATURE: 

**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO FRED PARRISH **PM** RICHARD THIEL

SUXOS ARNOLD NIEDERHOFER **QCO** ROBERT RAESEMANN

DATE 1/15/97 **TEMPERATURE- Degrees (F)** High: 48 Low: 28 **WET BULB** N/A

WEATHER Clear **WET BULB/ OTHER DELAY** None

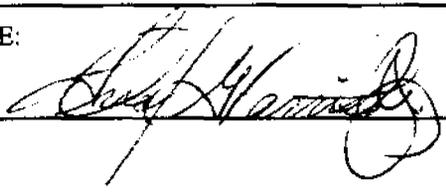
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Explosive signs were posted at the "cable gate" entrance to Area 2. John Hughes escorted the surveyors.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	1/16/97	TEMPERATURE- Degrees (F)	High: 48 Low: 42	WET BULB	N/A
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WEATHER	Clear	WET BULB/ OTHER DELAY	None
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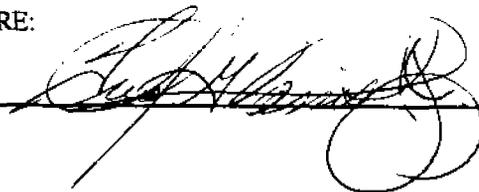
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 3 conducted disposal operations.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Team 3 destroyed four (4) 60mm Mortars by detonation.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO **FRED PARRISH** **PM** **RICHARD THIEL**

SUXOS **ARNOLD NIEDERHOFER** **QCO** **ROBERT RAESEMANN**

DATE 1/21/97 **TEMPERATURE-
Degrees (F)** High: 63
Low: 38 **WET BULB** N/A

WEATHER Clear and mild **WET BULB/
OTHER DELAY** None

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 1 conducted disposal operations.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Team 1 destroyed seven (7) 60mm Mortars The Johnson Lake Road was closed during the work day due to operations in the Jonson Lake area.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	1/22/97	TEMPERATURE- Degrees (F)	High: 57 Low: 36	WET BULB	N/A
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WEATHER		WET BULB/ OTHER DELAY	None
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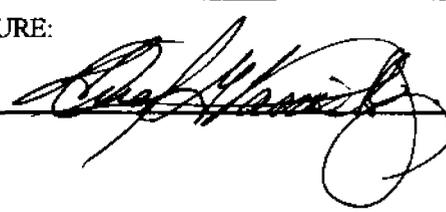
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 3 conducted disposal operations.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Teams 1 & 3 destroyed two (2) 60 mm mortars each during disposal operations.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	1/23/97	TEMPERATURE- Degrees (F)	High: 62 Low: 53	WET BULB	N/A
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WEATHER		WET BULB/ OTHER DELAY	None
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AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: A comprehensive review of the demolition plan was included in the daily tailgate safety brief.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMAN
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DATE	1/27/97	TEMPERATURE- Degrees (F)	High: 50 Low: 40	WET BULB	N/A
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WEATHER	Cloudy and Cool	WET BULB/ OTHER DELAY	None
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AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAFETY	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS:

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	1/28/97	TEMPERATURE- Degrees (F)	High: 62 Low: 43	WET BULB	N/A
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WEATHER	Rain in the morning, clear and warm in the afternoon	WET BULB/ OTHER DELAY	None
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AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAID	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: All site safety officer's daily and weekly reports were reviewed.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	1/29/97	TEMPERATURE- Degrees (F)	High: 44 Low: 40	WET BULB	N/A
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WEATHER	Cloudy and cool	WET BULB/ OTHER DELAY	None
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AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS:

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	1/30/97	TEMPERATURE- Degrees (F)	High: 44 Low: 37	WET BULB	N/A
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WEATHER		WET BULB/ OTHER DELAY	None
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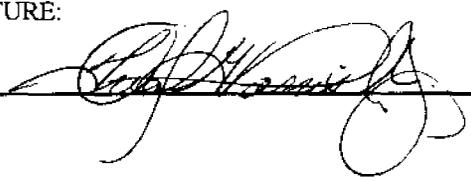
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No operations were conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Operations in the Johnson Lake area were completed today.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	2/3/97	TEMPERATURE- Degrees (F)	High: 62 Low: 47	WET BULB	N/A
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WEATHER	Clear and mild	WET BULB/ OTHER DELAY	None
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AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No operations were conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: The "Caution Road Closed 500 Feet" sign was returned to the ranger's shop. The weekly report was given to Gerry Perry.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	2/4/97	TEMPERATURE- Degrees (F)	High: 52 Low: 47	WET BULB	N/A
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WEATHER	Cloudy with rain	WET BULB/ OTHER DELAY	None
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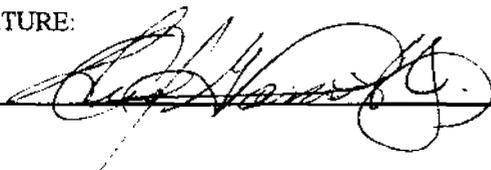
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No operations were conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: The road into Area 2 is muddy and very slick.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	2/5/97	TEMPERATURE- Degrees (F)	High: 56 Low: 44	WET BULB	N/A
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WEATHER	Cloudy in the morning; clearing in the afternoon.	WET BULB/ OTHER DELAY	None
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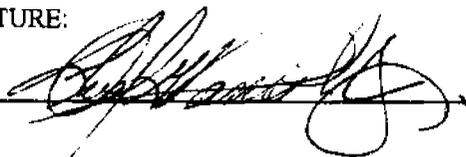
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: All operations conducted in accordance with the Work Plan.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO **FRED PARRISH** **PM** **RICHARD THIEL**

SUXOS **ARNOLD NIEDERHOFER** **QCO** **ROBERT RAESEMANN**

DATE 2/6/97 **TEMPERATURE-
Degrees (F)** **High: 52
Low: 33** **WET BULB** N/A

WEATHER Clear and Cool **WET BULB/
OTHER DELAY** None

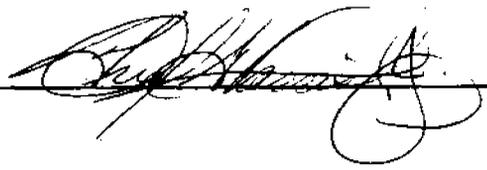
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: All operations were conducted in accordance with the Work Plan.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO **FRED PARRISH** **PM** **RICHARD THIEL**

SUXOS **ARNOLD NIEDERHOFER** **QCO** **ROBERT RAESEMANN**

DATE 2/10/97 **TEMPERATURE-
Degrees (F)** **High: 40
Low: 35** **WET BULB** N/A

WEATHER Rain **WET BULB/
OTHER DELAY** None

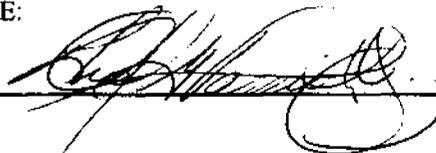
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: HFA assisted OES personnel in moving their explosives into the bunkers with HFA's explosives.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	2/11/97	TEMPERATURE- Degrees (F)	High: 46 Low: 29	WET BULB	N/A
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WEATHER	Clear and Cool	WET BULB/ OTHER DELAY	None
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AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Proposed horse trails in Area 2 were discussed with the park rangers.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	2/12/97	TEMPERATURE- Degrees (F)	High: 46 Low: 26	WET BULB	N/A
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WEATHER	Clear and Cold	WET BULB/ OTHER DELAY	None
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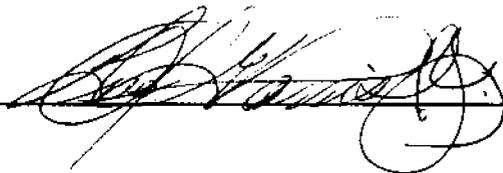
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted during the afternoon.

COMMENTS: Operations at Mrs. Pike's residence began today. The site safety officer opened the explosive storage bunkers for OES personnel to allow them to draw explosives for disposal operations by their personnel.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO FRED PARRISH **PM** RICHARD THIEL

SUXOS ARNOLD NIEDERHOFER **QCO** ROBERT RAESEMANN

DATE 2/13/97 **TEMPERATURE-**
 Degrees (F) **High:** 39 **WET BULB** N/A
Low: 33

WEATHER Rain, sleet & snow **WET BULB/
 OTHER DELAY** None

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: The adverse weather conditions impeded work progress.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	2/18/97	TEMPERATURE- Degrees (F)	High: 62 Low: 32	WET BULB	N/A
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WEATHER	Clear and warm	WET BULB/ OTHER DELAY	None
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AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Unable to work on Mrs. Pike's property until order to proceed is received.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	2/19/97	TEMPERATURE- Degrees (F)	High: 62 Low: 46	WET BULB	N/A
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WEATHER	Clear and warm	WET BULB/ OTHER DELAY	None
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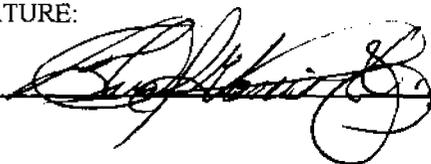
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Assisted OES personnel drawing explosives for disposal operations.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	2/20/97	TEMPERATURE- Degrees (F)	High: 72 Low: 47	WET BULB	N/A
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WEATHER	Partly cloudy and warm	WET BULB/ OTHER DELAY	None
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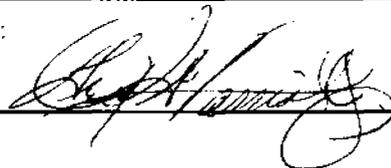
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the afternoon.

COMMENTS: Assisted the park rangers in marking horse trails.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	2/24/97	TEMPERATURE- Degrees (F)	High: 59 Low: 35	WET BULB	N/A
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WEATHER		WET BULB/ OTHER DELAY	None
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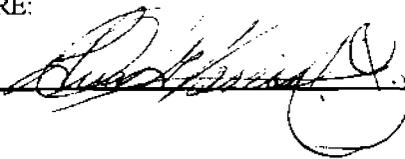
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAY	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Operations being conducted on Mrs. Pike's property.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	2/25/97	TEMPERATURE- Degrees (F)	High: 59 Low: 44	WET BULB	N/A
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WEATHER		WET BULB/ OTHER DELAY	None
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AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Survey operations in Area 3 were completed.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	2/26/97	TEMPERATURE- Degrees (F)	High: 47 Low: 43	WET BULB	N/A
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WEATHER	Cloudy with rain.	WET BULB/ OTHER DELAY	None
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AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAY	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 2 conducted disposal operations.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Team 2 disposed of one (1) 81 mm HE mortar.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	2/27/97	TEMPERATURE- Degrees (F)	High: 67 Low: 47	WET BULB	N/A
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WEATHER	Rain and fog	WET BULB/ OTHER DELAY	None
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AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 2 conducted disposal operations.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Team 2 disposed of three (3) 60 mm mortars in Area 2.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
--------------	---------------------------	------------	-------------------------

DATE	3/3/97	TEMPERATURE- Degrees (F)	High: 73 Low: 58	WET BULB	N/A
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WEATHER		WET BULB/ OTHER DELAY	None
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AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Intrusive operations in Area 3 are being conducted.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	3/4/97	TEMPERATURE- Degrees (F)	High: 70 Low: 41	WET BULB	N/A
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WEATHER	Clear and cool	WET BULB/ OTHER DELAY	None
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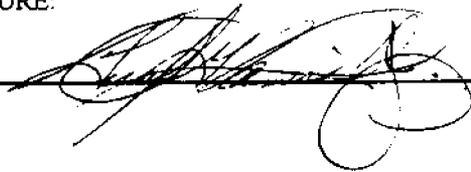
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Operations continue in Area 3..

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
--------------	---------------------------	------------	-------------------------

DATE	3/5/97	TEMPERATURE- Degrees (F)	High: 75 Low: 47	WET BULB	N/A
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WEATHER		WET BULB/ OTHER DELAY	None
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AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 1 conducted disposal operations.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Team 1 destroyed two (2) MKII hand grenades; two (2) 60mm mortars and one (1) 81 mm mortar.

SSO SIGNATURE:

**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	3/10/97	TEMPERATURE- Degrees (F)	High: 77 Low: 60	WET BULB	N/A
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WEATHER	Clear and mild	WET BULB/ OTHER DELAY	None
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AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 1 conducted disposal operations.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Team 1 destroyed one (1) 81 mm HE, two (2) 60mm HE, and one (1) MK2 hand grenade by detonation.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO **FRED PARRISH** **PM** **RICHARD THIEL**

SUXOS **ARNOLD NIEDERHOFER** **QCO** **ROBERT RAESEMANN**

DATE 3/11/97 **TEMPERATURE-
Degrees (F)** **High: 78
Low: 54** **WET BULB** N/A

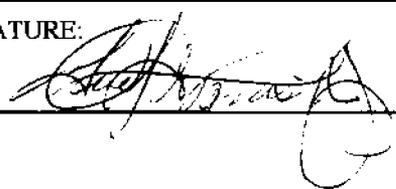
WEATHER Clear and Warm **WET BULB/
OTHER DELAY** None

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 1 conducted disposal operations.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Team 1 disposed of one (2) 60 mm mortars and one(1) MK2 hand grenade.

SSO SIGNATURE: 

**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
------------	---------------------	-----------	----------------------

SUXOS	ARNOLD NIEDERHOFFER	QCO	ROBERT RAESEMANN
--------------	----------------------------	------------	-------------------------

DATE	3/12/97	TEMPERATURE- Degrees (F)	High: 70 Low: 54	WET BULB	N/A
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WEATHER	Clear and Warm	WET BULB/ OTHER DELAY	None
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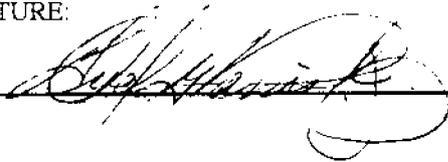
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 1 conducted disposal operations.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: One (1) MK2 hand grenade was recovered from Mrs. Pike's property. Team 1 disposed of one (1) MK2 hand grenade.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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DATE	3/13/97	TEMPERATURE- Degrees (F)	High: 54 Low: 50	WET BULB	N/A
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WEATHER	Cloudy with rain	WET BULB/ OTHER DELAY	None
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AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 1 conducted disposal operations.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Operations in Area 3 were completed on this date. Team 1 destroyed three (3) 60mm mortars by detonation.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
------------	---------------------	-----------	----------------------

SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
--------------	---------------------------	------------	-------------------------

DATE	3/17/97	TEMPERATURE- Degrees (F)	High: 63 Low: 32	WET BULB	N/A
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WEATHER	Clear and mild	WET BULB/ OTHER DELAY	None
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AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 3 conducted disposal operations.

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Team 3 destroyed one (1) 60 mm mortar by detonation. Two bicycle riders entered the Henningston Road horse trails from Johnson Lake. CR101 met them and escorted them out of the area.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
DAILY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
--------------	---------------------------	------------	-------------------------

DATE	3/18/97	TEMPERATURE- Degrees (F)	High: 70 Low: 52	WET BULB	N/A
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WEATHER	Cloudy	WET BULB/ OTHER DELAY	None
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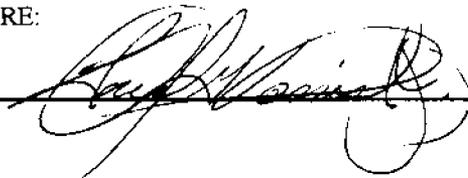
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted..

TEAM VISITS: Team visits were conducted throughout the day.

COMMENTS: Stakes and tape being removed from Area 2.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 DAILY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO FRED PARRISH **PM** RICHARD THIEL

SUXOS ARNOLD NIEDERHOFFER **QCO** ROBERT RAESEMANN

DATE 3/19/97 **TEMPERATURE- Degrees (F)** **High:** 56 **Low:** 54 **WET BULB** N/A

WEATHER Rain **WET BULB/ OTHER DELAY** None

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAF	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted.

TEAM VISITS: Team visits were conducted during the day.

COMMENTS: The Safety Log was closed this date.

SSO SIGNATURE





WEEKLY SAFETY JOURNALS

**HUMAN FACTORS APPLICATIONS, INC
 WEEKLY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
------------	---------------------	-----------	----------------------

SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
--------------	---------------------------	------------	-------------------------

WET BULB DELAY	None	WEATHER	
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WEEK ENDING: March 14, 1997

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: A comprehensive review of demolition procedures and 2.35 rocket munitions will be included in the daily safe brief.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Review of safety requirements for the use of the explosive boxes.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
--------------	---------------------------	------------	-------------------------

WET BULB DELAY	None	WEATHER	
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WEEK ENDING: March 21, 1997

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: All operations were conducted according to the Work Plan.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: There will not be operations conducted on this site next week.

SSO SIGNATURE: *for Arnold Niederhofer*

**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
------------	---------------------	-----------	----------------------

SUXOS	ARNOLD NIEDERHOFFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY		WEATHER	Sunny and hot
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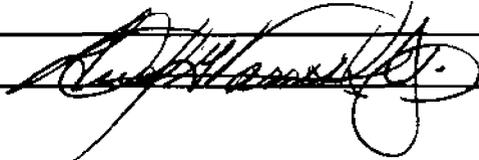
WEEK ENDING: June 14, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No demo operations conducted this week.

COMMENTS: 100 Blasting caps arrived on site. Team 1 training on Transit. All personnel on site attended eight (8) hour OSHA training. Site specific training included in OSHA class. Preparations underway for intrusive operations. All HFA personnel assigned to Camp Croft on site.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Reflective explosive signs to be installed.

SSO SIGNATURE: 

**HUMAN FACTORS APPLICATIONS, INC
 WEEKLY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY	5 ½ Hours	WEATHER	Sunny and hot
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WEEK ENDING: June 21 1996

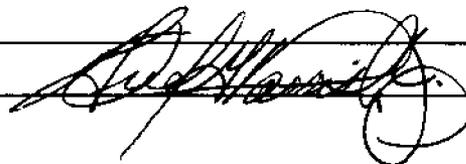
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No demo operations conducted this week.

COMMENTS: Team 1 working with contract surveyors and marking grids. Team 2 and Team 3 conducting sweeping operations. Intrusive operations began 0730 on 6/20/96. Team 1 working 8 hr. days so they can escort civilian surveyors. Other teams working 10 hr. days.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Grounding system for explosive bunkers to be installed. SOP for site security to be written.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
--------------	---------------------------	------------	-------------------------

WET BULB DELAY		WEATHER	Sunny and hot
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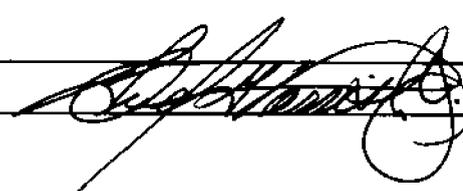
WEEK ENDING: June 28, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		60 mm HE was destroyed.

COMMENTS: Intrusive operations began. The grounding system for the explosive bunders was installed and tested. All explosive buners marked according to the Work Plan. SOP for the site security guards was written.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK:

SSO SIGNATURE: 

**HUMAN FACTORS APPLICATIONS, INC
 WEEKLY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY		WEATHER	Hot
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WEEK ENDING: July 5, 1996

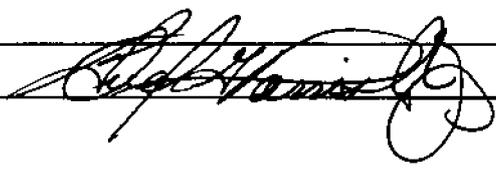
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		One (1) 60 mm mortar HE was destroyed by detonation.

COMMENTS: All team operations were conducted within guidelines in the Work & Safety Plan.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK:

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY		WEATHER	Sunny and hot
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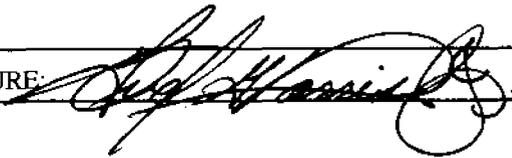
WEEK ENDING: July 12, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		One (1) 60 mm mortar HE was disposed of by Team 3.

COMMENTS: All work practices observed were conducted in accordance with the Work and Safety Plan.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK:

SSO SIGNATURE: 

HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY		WEATHER	Sunny and hot with chance of rain and T-storms
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WEEK ENDING: July 19, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 2 disposed of one (1) 81mm mortar HE.

COMMENTS: Demolition operations were critiqued. A safety brief was held on site. There was no time lost due to the accident Tom Hall had when he sat on his knife.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK:

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY		WEATHER	Very hot, sunny; chance T-storms PM
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WEEK ENDING: July 26, 1996

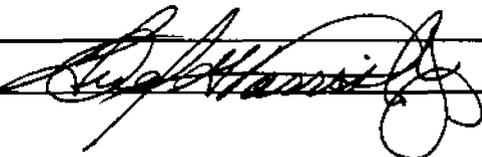
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		All demo operations were conducted in accordance with the Safety Plan.

COMMENTS: German teller mine located on land close to park. The mine was inert and returned to owner. Charleston District aware mines were in area.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK:

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY		WEATHER	Hot, T-storm on Wednesday.
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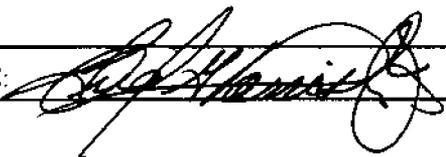
WEEK ENDING: August 2, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			Demolition operations were conducted this week by Team 2.

COMMENTS:

SAFETY OPERATIONS PLANNED FOR NEXT WEEK:

SSO SIGNATURE: 

**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY		WEATHER	Thunderstorms one day. One (1) hour delay..
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WEEK ENDING: August 9, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		Large eye wash kit was serviced.
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			Demo operations were conducted each day.

COMMENTS: We are expecting to have a new Corps rep. On site week after next.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Review Work Plan and Safety and Health Plan to ensure that all operations are in compliance.

SSO SIGNATURE: 

**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
--------------	---------------------------	------------	-------------------------

WET BULB DELAY	None	WEATHER	Hot and sunny
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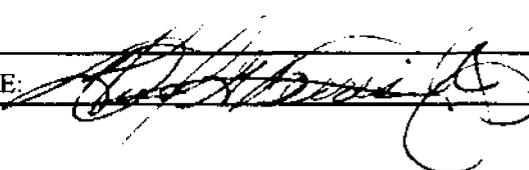
WEEK ENDING: August 23, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		Daily training included.
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		No safety violations noted.

COMMENTS: Ross Averbeck had to be treated by the doctor for poison ivy. Tim Hendrix and Scott Marks had physicals this week.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Continuation of a review of all MSDSs.

SSO SIGNATURE: 

**HUMAN FACTORS APPLICATIONS, INC
 WEEKLY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY	None	WEATHER	45 minute delay for a thunderstorm
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WEEK ENDING: August 29, 1996

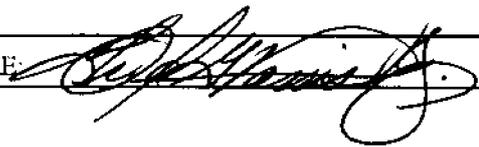
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		Daily training included.
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: There were no safety discrepancies noted this week.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Continuing the review of MSDS.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY	None	WEATHER	70 minute delay for thunderstorm.
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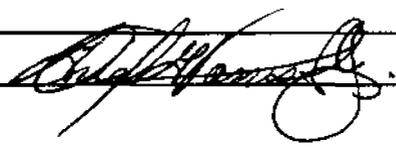
WEEK ENDING: September 6, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		Daily training included.
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: The weather was a small problem. All operations went well.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Continue to review the MSDS's.

SSO SIGNATURE: 

**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY	None	WEATHER	
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WEEK ENDING: September 13, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: No deficiencies were noted during this work period. All operations were conducted within the Work & Safety & Health Plan.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Continuing the review of MSDS. Checking Area 7 in preparation for the start of operations in that area.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
------------	---------------------	-----------	----------------------

SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
--------------	---------------------------	------------	-------------------------

WET BULB DELAY	None	WEATHER	Mostly sunny and mild.
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WEEK ENDING: September 20, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		Daily training included.
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: There was a work stoppage of 45 minutes due to unauthorized persons in the restricted area. Three (3) horses and riders rode into the stable area. Intrusive operations were suspended. The Croft Park Rangers cited them for being in a restricted area.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Continue the review of MSDS.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY	45 Minutes (see comments)	WEATHER	Sunny and Warm
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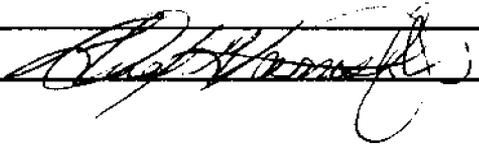
WEEK ENDING: September 27, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: Intrusive operations were suspended for a total of 45 minutes to allow park rangers to pass through the area..

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Start preparing the horse trails for future operations.

SSO SIGNATURE: 

**HUMAN FACTORS APPLICATIONS, INC
 WEEKLY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY	None	WEATHER	Rain on Monday and Tuesday
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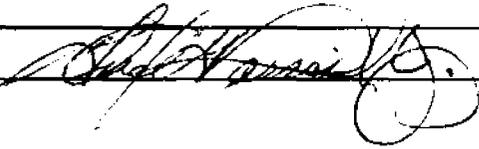
WEEK ENDING: October 4, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: All operations were conducted within the guidelines set out in the work plan.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Resume the review of the MSDSs and the ordnance being found on site.

SSO SIGNATURE: 

**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY	None	WEATHER	Rain in the early part of the week then sunny.
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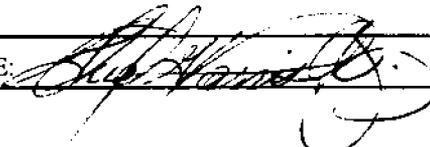
WEEK ENDING: October 11, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No demolition operations conducted.

COMMENTS: Greg Bayuga was the COE representative on site.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Preparations for starting operations in Area 2.

SSO SIGNATURE: 

**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY	None	WEATHER	No weather delay.
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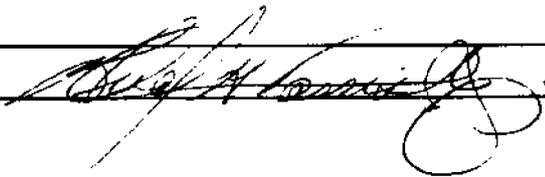
WEEK ENDING: October 18, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: All operations were conducted within the scope of the safety and work plan.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Preparing Area 2 for the start of operations.

SSO SIGNATURE: 

**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY	None	WEATHER	Mild
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WEEK ENDING: October 25, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: One man had a physical. Reflective signs installed on the John Deers.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Review ordnance being located on site.

SSO SIGNATURE:

**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY	None	WEATHER	Mild
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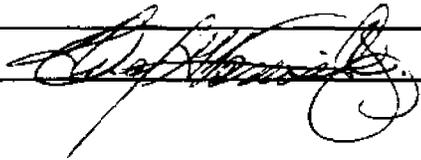
WEEK ENDING: November 1, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: All operations were conducted within the guidelines set forth in the Work Plan.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Working on the road in Area 2 to reduce the chance of accident when work beings in that area.

SSO SIGNATURE: 

**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY	No delays	WEATHER	Mild
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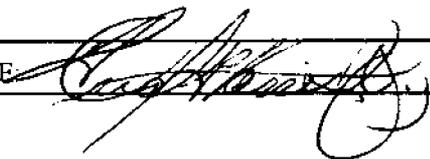
WEEK ENDING: November 8, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: All operations were conducted within the guidelines set forth in the Work Plan.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Continue ordnance refresher.

SSO SIGNATURE 

**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY	No delays	WEATHER	Mild
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WEEK ENDING: November 15, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: Team 2 disposed of eight (8) mortars and one (1) 2.35" rocket in Area 7. This completed the clearance of Area 7.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Review of disposal procedures and fragmentation distances.

SSO SIGNATURE:

**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY	No delays	WEATHER	
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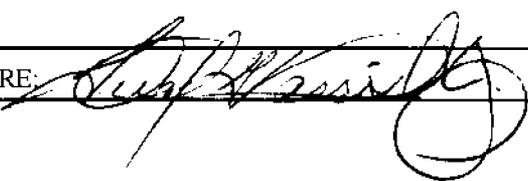
WEEK ENDING: November 22, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: All operations conducted in accordance with the Work Plan.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Review all UXO precautions.

SSO SIGNATURE: 

**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
WET BULB DELAY	None	WEATHER	Mostly cloudy during the week with some rain.

WEEK ENDING: November 29, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 2 conducted disposal operations.

COMMENTS: All operations conducted within the guidelines of the Work Plan. Hank Counts was the COE representative on site this week.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Review the safe operation of the John Deere Gators.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
WET BULB DELAY	None	WEATHER	Mostly cloudy during the week with some rain.

WEEK ENDING: December 6, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations conducted during the week.

COMMENTS: A communication check sheet was generated to provide a record of regularly scheduled checks.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: A review of ordnance items recovered on site will be added to the daily safety brief.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 WEEKLY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY	None	WEATHER	
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WEEK ENDING: December 13, 1996

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: All operations were conducted within the guidelines of the Work and Safety Plan.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Review a section of the Safety Plan during the daily tailgate safety brief.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
WET BULB DELAY	None	WEATHER	Rain and Cool

WEEK ENDING: December 20, 1996

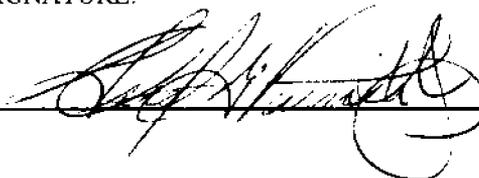
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: All site vehicles were turned in and all equipment was secured for the Christmas break.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: This being the first week after the Christmas break, a comprehensive review of the Safety Plan will be conducted.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY	None	WEATHER	
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WEEK ENDING: January 11, 1997

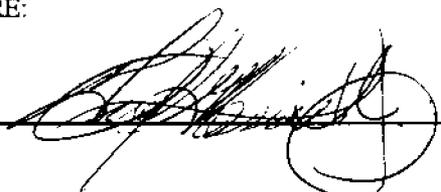
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: All operations were conducted according to the Work and Safety Plan.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Since we will be moving into a different area, we will conduct training concerning the water conditions of that area.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY	None	WEATHER	
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WEEK ENDING: January 17, 1997

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: All operations were conducted within the Work and Safety Plan. HFA operations were coordinated with OES operations on site.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: We will all be moving to the Johnson Lake area next week. The special terrain features of the area will be discussed.

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WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO **FRED PARRISH** **PM** **RICHARD THIEL**

SUXOS **ARNOLD NIEDERHOFER** **QCO** **ROBERT RAESEMANN**

WET BULB DELAY None **WEATHER**

WEEK ENDING: January 24, 1997

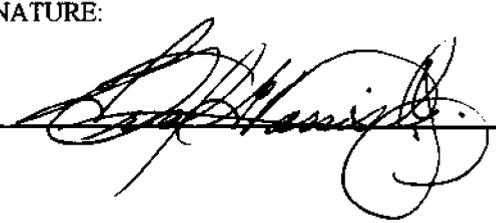
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: Operations were conducted in the Johnson Lake area. A comprehensive preview of the demolition plan was included in the daily safety brief.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Review of the Scope of Work.

SSO SIGNATURE:



**HUMAN FACTORS APPLICATIONS, INC
 WEEKLY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY	None	WEATHER	
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WEEK ENDING: January 31, 1997

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS:

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Review the regulations for the transportation of explosives.

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**HUMAN FACTORS APPLICATIONS, INC
 WEEKLY SAFETY JOURNAL
 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
WET BULB DELAY	None	WEATHER	

WEEK ENDING: February 7, 1997

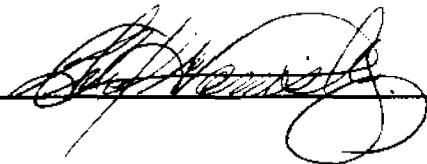
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: All operations during the week were conducted according to the World Plan.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Discuss safety concerns as they pertain to communications.

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**HUMAN FACTORS APPLICATIONS, INC
WEEKLY SAFETY JOURNAL
FORMER CAMP CROFT, SC
DACA 87-94-D0019
TASK ORDER 019**

SSO **FRED PARRISH** **PM** **RICHARD THIEL**

SUXOS **ARNOLD NIEDERHOFER** **QCO** **ROBERT RAESEMANN**

WET BULB DELAY None **WEATHER** Cold with snow, rain, sleet

WEEK ENDING: February 14, 1997

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		

COMMENTS: The explosives being stored on site by OES were moved into the storage bunkers used by HFA.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Discuss the restrictions of working in a housing area.

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TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY	None	WEATHER	
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WEEK ENDING: February 21, 1997

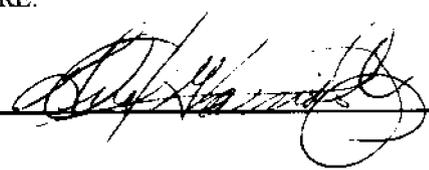
AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS			No disposal operations.

COMMENTS: Work is being conducted on Mrs. Pike's property. Assisted with marking horse trails.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Review of clearing procedures for the horse trails.

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SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY	None	WEATHER	
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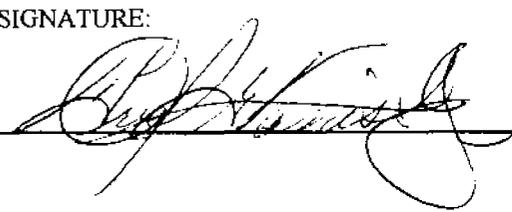
WEEK ENDING: February 28, 1997

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 2 conducted disposal operations.

COMMENTS: All operations were conducted according to the Work and Safety Plan.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Include the use of the portable "explosive boxes" in the daily safety brief.

SSO SIGNATURE:


**HUMAN FACTORS APPLICATIONS, INC
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 FORMER CAMP CROFT, SC
 DACA 87-94-D0019
 TASK ORDER 019**

SSO	FRED PARRISH	PM	RICHARD THIEL
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SUXOS	ARNOLD NIEDERHOFER	QCO	ROBERT RAESEMANN
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WET BULB DELAY	None	WEATHER	
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WEEK ENDING: March 7, 1997

AREAS INSPECTED

ITEM(S) CHECKED	SAT	UNSAT	REMARKS/SUBJECT
MORNING SAFETY BRIEF	x		
PPE	x		
FIRST AID KITS	x		
BURN KITS	x		
EYE WASH KITS	x		
FIRE EXTINGUISHERS	x		
COMMUNICATIONS	x		
DEMO OPERATIONS	x		Team 1 conducted disposal operations.

COMMENTS: Six (6) hand grenades have been recovered from Mrs. Pike's property. Two (2) practice and four (4) live grenades have been removed.

SAFETY OPERATIONS PLANNED FOR NEXT WEEK: Review of safety requirements for the use of the explosive boxes.

SSO SIGNATURE:



APPENDIX D
SITE QUALITY CONTROL

OOU - 7

GRID	DATE	DATE PASS	DATE PASS COE	ANOMALIES	LBS OE	LBS NON	TOTAL LBS
	SWEPT	HEA QC	QA (CEHNC 948)	DUG	SCRAP (INERT)	OE SCRAP	SCRAP
A01	09/10/96	09/19/96	09/19/96	6	0	1	1
A02	09/10/96	09/19/96	09/19/96	2	0	2	2
A03	08/05/96	08/07/96	10/22/96	37	0	21	21
A04	08/07/96	10/17/96	10/18/96	85	0	10	10
A05	08/21/96	08/29/96	09/11/96	65	0	1	1
A06	08/21/96	08/22/96	09/11/96	110	0	1	1
A07	10/01/96	10/02/96	10/16/96	525	0	32	32
A08	09/16/96	09/23/96	09/25/96	482	0	15	15
A09	08/21/96	08/21/96	08/22/96	18	2	0	2
A10	08/21/96	08/21/96	08/22/96	30	0	1	1
A11	08/12/96	08/12/96	08/14/96	12	0	0	0
A12	08/08/96	08/08/96	08/14/96	0	0	0	0
A13	08/06/96	08/07/96	08/14/96	5	0	0	0
A14	08/05/96	08/05/96	08/07/96	4	2	0	2
A15	08/01/96	08/01/96	08/07/96	1	0	0	0
B01	09/10/96	09/19/96	09/19/96	25	0	0	0
B02	09/10/96	09/19/96	09/19/96	10	2	0	2
B03	08/06/96	08/07/96	10/22/96	398	0	3	3
B04	08/07/96	10/17/96	10/18/96	461	0	20	20
B05	08/22/96	08/29/96	09/11/96	141	1	1	2
B06	08/22/96	08/22/96	09/11/96	132	2	2	4
B07	10/21/96	10/23/96	10/23/96	420	0	2	2
B08	09/16/96	09/23/96	09/25/96	361	1	25	26
B09	08/27/96	08/27/96	09/19/96	76	0	3	3
B10	08/22/96	08/22/96	09/04/96	15	6	8	14
B11	08/12/96	08/12/96	08/14/96	29	0	0	0
B12	08/08/96	08/08/96	08/14/96	3	2	0	2
B13	08/06/96	08/07/96	08/14/96	4	0	0	0
B14	08/05/96	08/05/96	08/07/96	1	0	0	0
B15	08/01/96	08/01/96	08/07/96	3	0	0	0
C01	09/10/96	09/19/96	09/19/96	30	7	1	8
C02	08/01/96	08/01/96	08/14/96	23	1	2	3
C03	08/06/96	08/07/96	10/22/96	218	0	5	5
C04	10/10/96	10/17/96	10/18/96	50	0	3	3
C05	10/10/96	10/18/96	10/18/96	100	0	5	5
C06	08/26/96	08/29/96	09/11/96	1228	5	0	5
C07	10/18/96	10/23/96	10/23/96	430	0	10	10
C08	09/17/96	09/23/96	09/25/96	403	6	25	31
C09	09/27/96	09/30/96	10/01/96	518	0	25	25
C10	08/21/96	08/22/96	09/04/96	24	0	2	2
C11	08/12/96	08/12/96	08/14/96	19	4	0	4
C12	08/08/96	08/08/96	08/14/96	1	0	1	1
C13	08/06/96	08/07/96	08/14/96	1	0	0	0
C14	08/05/96	08/05/96	08/07/96	2	2	0	2
C15	08/01/96	08/01/96	08/07/96	2	4	0	4
D01	07/18/96	07/18/96	07/24/96	115	0	30	30
D02	08/01/96	08/01/96	08/14/96	14	5	1	6
D03	08/06/96	08/07/96	10/22/96	57	0	20	20
D04	10/09/96	10/17/96	10/18/96	60	0	6	6

GRID	DATE SWEEP	DATE PASS HFA QC	DATE PASS COE QA (CEHNC 948)	ANOMALIES DUG	LBS OE SCRAP (INERT)	LBS NON OE SCRAP	TOTAL LBS SCRAP
D05	10/16/96	10/21/96	11/13/96	120	2	0	2
D06	10/03/96	10/21/96	11/13/96	530	6	180	186
D07	10/18/96	10/21/96	11/13/96	520	0	5	5
D08	10/22/96	10/23/96	10/23/96	650	0	2	2
D09	10/02/96	10/08/96	10/16/96	648	2	65	67
D10	08/21/96	08/22/96	09/04/96	102	2	5	7
D11	08/12/96	08/14/96	08/14/96	56	2	1	3
D12	08/08/96	08/08/96	08/14/96	9	2	0	2
D13	08/07/96	08/07/96	08/14/96	2	0	0	0
D14	08/05/96	08/05/96	08/07/96	13	0	0	0
D15	08/01/96	08/01/96	08/07/96	1	2	0	2
E01	07/11/96	07/11/96	07/16/96	106	0	22	22
E02	08/01/96	08/01/96	08/14/96	18	1	10	11
E03	08/06/96	08/07/96	10/22/96	37	0	1	1
E04	10/09/96	10/17/96	10/18/96	50	0	2	2
E05	10/16/96	10/21/96	11/13/96	200	3	0	3
E06	10/07/96	10/08/96	11/13/96	450	0	0	0
E07	07/10/96	07/22/96	10/17/96	465	0	15	15
E08	10/23/96	10/28/96	10/29/96	950	1	3	4
E09	10/03/96	10/08/96	10/16/96	1307	0	40	40
E10	08/21/96	08/22/96	09/04/96	50	3	10	13
E11	08/13/96	08/14/96	08/21/96	32	0	3	3
E12	08/08/96	08/08/96	08/21/96	33	1	0	1
E13	08/07/96	08/07/96	08/14/96	4	0	1	1
E14	08/06/96	08/06/96	08/07/96	41	0	1	1
E15	08/01/96	08/01/96	08/07/96	6	0	0	0
F01	07/10/96	07/10/96	07/16/96	120	0	15	15
F02	08/01/96	08/05/96	08/14/96	15	0	3	3
F03	08/06/96	10/08/96	10/22/96	18	0	2	2
F04	10/09/96	10/17/96	10/18/96	150	0	7	7
F05	07/02/96	07/02/96	07/16/96	176	3	2	5
F06	07/03/96	07/08/96	07/16/96	177	1	15	16
F07	07/09/96	10/17/96	10/17/96	336	0	30	30
F08	10/24/96	10/28/96	10/29/96	510	2	4	6
F09	10/07/96	10/08/96	10/16/96	784	0	40	40
F10	08/21/96	08/22/96	09/04/96	54	2	5	7
F11	08/13/96	08/14/96	08/21/96	47	0	4	4
F12	08/08/96	08/08/96	08/21/96	52	1	0	1
F13	08/07/96	08/07/96	08/14/96	6	0	0	0
F14	08/06/96	08/06/96	08/07/96	8	0	1	1
F15	08/01/96	08/05/96	08/07/96	7	2	0	2
G01	07/10/96	07/10/96	07/16/96	180	0	20	20
G02	08/01/96	08/05/96	08/14/96	14	0	4	4
G03	08/07/96	10/08/96	10/22/96	46	0	24	24
G04	10/08/96	10/17/96	10/18/96	90	0	5	5
G05	07/01/96	07/02/96	07/16/96	79	3	20	23
G06	07/08/96	07/08/96	07/16/96	100	0	12	12
G07	10/09/96	10/10/96	10/17/96	151	3	20	23
G08	10/29/96	10/31/96	11/12/96	180	8	3	11

GRID	DATE	DATE PASS	DATE PASS COE	ANOMALIES	LBS OE	LBS NON	TOTAL LBS
	SWEPT	HFA QC	QA (CEHNC 948)	BUG	SCRAP (INERT)	OE SCRAP	SCRAP
G09	08/27/96	08/27/96	09/19/96	182	2	3	5
G10	08/21/96	08/22/96	09/11/96	50	2	5	7
G11	08/13/96	08/14/96	08/21/96	39	0	2	2
G12	08/08/96	08/15/96	08/21/96	481	2	0	2
G13	08/07/96	08/07/96	08/14/96	11	0	1	1
G14	08/06/96	08/06/96	08/07/96	11	0	2	2
G15	08/01/96	08/05/96	08/07/96	8	0	0	0
H01	07/09/96	07/09/96	07/16/96	75	0	20	20
H02	08/05/96	08/05/96	08/14/96	28	5	15	20
H03	10/21/96	10/22/96	10/22/96	35	6	1	7
H04	10/08/96	10/17/96	10/18/96	120	1	5	6
H05	07/01/96	07/01/96	07/16/96	172	0	25	25
H06	09/30/96	09/30/96	10/01/96	361	2	8	10
H07	10/09/96	10/10/96	10/17/96	376	2	15	17
H08	10/30/96	10/31/96	11/12/96	500	0	5	5
H09	08/27/96	08/27/96	09/19/96	100	0	5	5
H10	08/20/96	08/21/96	08/22/96	35	8	3	11
H11	08/13/96	08/14/96	08/21/96	117	0	5	5
H12	08/12/96	08/15/96	08/21/96	168	0	4	4
H13	08/07/96	08/07/96	10/02/96	75	0	20	20
H14	08/06/96	08/06/96	08/07/96	25	0	1	1
H15	08/01/96	08/05/96	08/07/96	11	0	0	0
J01	07/09/96	07/09/96	07/16/96	66	7	25	32
J02	07/10/96	07/11/96	07/16/96	85	0	13	13
J03	10/21/96	10/22/96	10/23/96	125	0	3	3
J04	06/26/96	06/27/96	07/09/96	174	5	40	45
J05	09/27/96	09/30/96	10/01/96	247	6	7	13
J06	09/04/96	09/05/96	09/18/96	118	0	3	3
J07	09/04/96	09/04/96	09/18/96	112	2	6	8
J08	10/10/96	10/18/96	10/18/96	228	4	10	14
J09	08/27/96	08/28/96	09/19/96	97	0	4	4
J10	08/20/96	08/21/96	08/27/96	35	4	3	7
J11	08/14/96	08/14/96	08/21/96	53	2	2	4
J12	08/12/96	08/15/96	08/21/96	142	0	3	3
J13	08/08/96	08/08/96	10/02/96	174	0	10	10
J14	08/06/96	08/06/96	08/07/96	48	0	5	5
J15	08/01/96	08/05/96	08/07/96	9	0	2	2
K01	08/13/96	08/13/96	08/27/96	54	1	11	12
K02	08/14/96	08/14/96	08/27/96	20	1	5	6
K03	08/14/96	08/14/96	08/27/96	43	0	20	20
K04	06/25/96	06/26/96	07/09/96	123	0	20	20
K05	06/25/96	06/25/96	07/09/96	74	0	6	6
K06	09/04/96	09/05/96	09/18/96	90	0	2	2
K07	10/08/96	10/10/96	10/29/96	423	4	25	29
K08	10/10/96	10/18/96	10/18/96	296	8	4	12
K09	08/28/96	08/28/96	09/19/96	68	0	2	2
K10	08/20/96	08/21/96	08/22/96	35	4	3	7
K11	08/15/96	08/15/96	10/06/96	130	14	8	22
K12	08/22/96	08/26/96	10/06/96	67	8	16	24

GRID	DATE SWEEP	DATE PASS HFA QC	DATE PASS COE QA (CEHNC 948)	ANOMALIES DUG	LBS OE SCRAP (INERT)	LBS NON OE SCRAP	TOTAL LBS SCRAP
K13	09/03/96	09/09/96	10/02/96	91	11	1	12
K14	08/19/96	08/20/96	08/21/96	361	0	10	10
K15	08/14/96	08/15/96	08/21/96	223	0	3	3
L01	08/13/96	08/14/96	09/25/96	51	0	35	35
L02	08/14/96	09/25/96	09/25/96	21	1	15	16
L03	08/15/96	09/25/96	09/25/96	126	0	141	141
L04	09/17/96	09/25/96	09/25/96	30	1	1	2
L05	06/20/96	06/24/96	07/09/96	168	15	2	17
L06	09/24/96	09/25/96	09/26/96	45	1	6	7
L07	10/08/96	10/10/96	10/29/96	591	7	20	27
L08	07/08/96	07/09/96	07/17/96	1401	10	60	70
L09	08/28/96	08/28/96	09/19/96	66	1	1	2
L10	08/20/96	09/05/96	11/05/96	35	4	3	7
L11	08/15/96	08/15/96	11/05/96	140	22	10	32
L12	08/22/96	08/26/96	10/06/96	146	6	8	14
L13	09/03/96	09/09/96	10/02/96	45	13	3	16
L14	08/19/96	08/20/96	08/21/96	87	4	0	4
L15	08/15/96	08/15/96	08/20/96	417	0	4	4
M01	08/14/96	08/14/96	09/25/96	273	20	110	130
M02	08/14/96	08/19/96	09/25/96	14	1	3	4
M03	08/15/96	08/19/96	09/25/96	20	0	10	10
M04	09/17/96	09/23/96	09/25/96	30	1	1	2
M05	09/18/96	09/23/96	10/01/96	98	0	20	20
M06	09/27/96	09/30/96	10/29/96	285	1	20	21
M07	10/07/96	10/08/96	10/29/96	366	10	3	13
M08	06/27/96	06/27/96	07/16/96	1180	60	68	128
M09	08/29/96	09/03/96	10/01/96	350	15	3	18
M10	08/20/96	09/05/96	11/05/96	100	10	5	15
M11	08/19/96	08/20/96	11/05/96	180	15	7	22
M12	08/26/96	08/27/96	10/06/96	257	16	12	28
M13	08/26/96	08/27/96	10/02/96	123	10	2	12
M14	08/19/96	08/20/96	08/21/96	187	0	3	3
M15	08/15/96	08/15/96	08/20/96	408	0	5	5
N01	08/19/96	08/19/96	08/21/96	563	0	35	35
N02	08/22/96	08/26/96	08/27/96	118	0	73	73
N03	09/17/96	09/23/96	09/26/96	25	1	1	2
N04	09/17/96	09/23/96	09/25/96	55	3	2	5
N05	09/18/96	09/30/96	10/01/96	100	0	120	120
N06	09/30/96	10/01/96	10/01/96	570	15	2	17
N07	09/12/96	09/12/96	10/01/96	218	2	4	6
N08	09/11/96	09/12/96	10/01/96	740	146	10	156
N09	09/11/96	09/12/96	10/02/96	1532	325	15	340
N10	10/24/96	10/28/96	10/06/96	542	120	20	140
N11	11/06/96	06/11/96	10/06/96	542	100	17	117
N12	11/06/96	11/12/96	11/12/96	592	230	30	260
N13	08/27/96	08/27/96	10/02/96	94	1	5	6
N14	08/20/96	08/20/96	08/21/96	87	0	2	2
N15	08/14/96	08/15/96	08/20/96	72	2	3	5
P01	08/20/96	08/20/96	08/21/96	311	0	13	13

GRID	DATE	DATE PASS	DATE PASS COE	ANOMALIES	LBS OE	LBS NON	TOTAL LBS
	SWEPT	HFA QC	QA (GEHNC 948)	DUG	SCRAP (INERT)	OE SCRAP	SCRAP
P02	08/22/96	08/26/96	08/27/96	266	0	15	15
P03	09/17/96	09/23/96	09/26/96	125	2	2	4
P04	09/17/96	10/01/96	10/17/96	40	2	4	6
P05	09/18/96	10/07/96	10/17/96	6	0	0	0
P06	09/23/96	09/25/96	10/29/96	15	1	2	3
P07	10/03/96	10/07/96	10/16/96	289	7	10	17
P08	10/21/96	10/22/96	10/30/96	396	60	6	66
P09	10/22/96	10/22/96	11/04/96	3950	690	68	758
P10	10/23/96	10/24/96	11/04/96	578	60	15	75
P11	10/31/96	06/11/96	10/06/96	2364	495	120	615
P12	11/06/96	11/12/96	11/12/96	634	135	25	160
P13	08/27/96	08/29/96	10/02/96	90	3	1	4
P14	08/20/96	08/20/96	08/21/96	85	0	4	4
P15	08/14/96	08/15/96	08/20/96	15	0	0	0
R01	08/21/96	08/21/96	08/22/96	578	0	53	53
R02	08/26/96	08/26/96	08/27/96	258	1	75	76
R03	09/16/96	09/26/96	10/17/96	70	13	3	16
R04	09/16/96	09/26/96	10/17/96	40	4	5	9
R05	09/18/96	10/07/96	10/17/96	20	0	0	0
R06	09/23/96	09/25/96	10/29/96	10	1	2	3
R07	10/03/96	10/07/96	10/16/96	173	4	10	14
R08	10/22/96	10/22/96	10/30/96	236	20	7	27
R09	09/23/96	10/03/96	11/13/96	1554	200	33	233
R10	10/23/96	10/24/96	11/13/96	435	40	10	50
R11	11/12/96	11/12/96	11/12/96	2185	610	184	794
R12	11/07/96	11/12/96	11/12/96	676	175	40	215
R13	08/27/96	08/29/96	09/18/96	120	8	10	18
R14	08/20/96	08/21/96	09/18/96	59	0	1	1
R15	08/14/96	08/15/96	08/20/96	3	0	1	1
S01	09/10/96	09/11/96	09/18/96	80	0	6	6
S02	09/12/96	09/19/96	09/24/96	36	5	2	7
S03	09/12/96	09/19/96	09/26/96	726	240	5	245
S04	09/16/96	09/23/96	09/24/96	60	18	1	19
S05	09/18/96	09/23/96	09/24/96	55	2	0	2
S06	09/23/96	09/25/96	10/29/96	60	3	2	5
S07	10/02/96	10/03/96	10/16/96	143	3	20	23
S08	09/10/96	09/11/96	10/30/96	130	20	3	23
S09	09/10/96	09/11/96	11/13/96	427	40	20	60
S10	08/27/96	08/28/96	11/13/96	270	35	20	55
S11	11/04/96	11/12/96	11/12/96	725	77	14	91
S12	10/29/96	10/30/96	11/12/96	490	65	7	72
S13	08/27/96	08/29/96	09/18/96	145	9	14	23
S14	08/15/96	08/21/96	09/18/96	17	3	0	3
S15	08/15/96	08/15/96	08/20/96	23	0	1	1
T01	09/11/96	09/11/96	09/18/96	40	0	1	1
T02	09/12/96	09/23/96	09/24/96	12	1	0	1
T03	09/12/96	09/23/96	09/24/96	119	46	1	47
T04	09/16/96	09/23/96	09/24/96	55	7	6	13
T05	09/23/96	09/24/96	09/24/96	115	0	2	2

GRID	DATE SWPT	DATE PASS HFA QC	DATE PASS COE QA (CEHNC 948)	ANOMALIES DUG	LBS OE SCRAP (INERT)	LBS NON OE SCRAP	TOTAL LBS SCRAP
T06	09/23/96	09/25/96	10/29/96	110	0	2	2
T07	10/02/96	10/03/96	10/16/96	231	7	30	37
T08	09/10/96	09/11/96	10/30/96	143	5	10	15
T09	09/09/96	09/10/96	11/13/96	92	10	9	19
T10	08/28/96	08/28/96	11/13/96	298	45	65	110
T11	08/28/96	09/03/96	10/02/96	157	18	15	33
T12	08/29/96	09/03/96	09/19/96	110	18	0	18
T13	08/28/96	08/29/96	09/18/96	170	8	2	10
T14	08/20/96	08/21/96	09/18/96	34	2	3	5
T15	08/15/96	08/15/96	08/20/96	18	2	0	2
U01	08/13/96	08/20/96	08/21/96	56	1	9	10
U02	08/13/96	08/20/96	08/21/96	292	3	7	10
U03	08/14/96	08/20/96	08/21/96	479	2	4	6
U04	08/14/96	08/20/96	08/21/96	773	2	2	4
U05	08/14/96	08/20/96	08/21/96	62	1	2	3
U06	08/15/96	08/20/96	08/21/96	66	0	0	0
U07	09/16/96	09/26/96	10/01/96	194	10	5	15
U08	09/11/96	10/02/96	10/30/96	251	2	35	37
U09	09/05/96	09/10/96	11/13/96	31	1	2	3
U10	08/28/96	08/29/96	11/13/96	156	15	20	35
U11	08/29/96	09/03/96	10/02/96	134	10	20	30
U12	09/03/96	09/04/96	09/19/96	120	0	0	0
U13	08/28/96	08/29/96	09/18/96	100	8	7	15
U14	08/20/96	08/21/96	09/18/96	56	0	1	1
U15	08/15/96	08/15/96	08/20/96	9	0	0	0
V01	08/13/96	08/20/96	08/21/96	48	1	0	1
V02	08/13/96	08/20/96	08/21/96	46	0	3	3
V03	08/12/96	08/13/96	08/13/96	209	3	2	5
V04	08/12/96	08/13/96	08/13/96	151	2	1	3
V05	08/12/96	08/13/96	08/13/96	363	0	5	5
V06	08/12/96	08/13/96	08/13/96	203	0	0	0
V07	09/12/96	09/26/96	10/01/96	81	1	3	4
V08	09/11/96	10/02/96	10/30/96	353	1	20	21
V09	09/05/96	09/09/96	09/11/96	310	3	8	11
V10	09/03/96	09/04/96	09/11/96	179	4	15	19
V11	09/03/96	09/03/96	10/02/96	554	25	45	70
V12	09/03/96	09/04/96	09/19/96	151	1	8	9
V13	08/28/96	08/29/96	09/18/96	45	5	6	11
V14	08/20/96	08/21/96	09/18/96	71	2	1	3
V15	08/15/96	08/15/96	08/20/96	6	0	0	0
W01	08/08/96	08/08/96	08/13/96	78	1	0	1
W02	08/08/96	08/08/96	08/13/96	50	2	10	12
W03	08/08/96	08/08/96	08/13/96	44	8	15	23
W04	08/08/96	08/12/96	08/13/96	132	1	0	1
W05	08/12/96	08/13/96	08/13/96	94	0	0	0
W06	08/12/96	08/13/96	08/13/96	146	0	2	2
W07	09/12/96	09/26/96	10/01/96	65	0	1	1
W08	09/12/96	10/02/96	10/30/96	296	3	20	23
W09	09/05/96	09/09/96	09/11/96	180	2	5	7

	DATE	DATE PASS	DATE PASS COE	ANOMALIES	LBS OE	LBS NON	TOTAL LBS
GRID	SWEPT	HFA OC	QA (CEHNC 948)	DUG	SCRAP (INERT)	OE SCRAP	SCRAP
W10	09/03/96	09/04/96	09/11/96	202	2	8	10
W11	09/17/96	10/01/96	10/02/96	262	5	15	20
W12	09/05/96	09/05/96	09/19/96	143	1	11	12
W13	08/28/96	08/29/96	09/18/96	64	7	2	9
W14	08/20/96	08/21/96	09/18/96	23	0	0	0
W15	08/15/96	08/15/96	08/20/96	12	0	0	0
X01	08/07/96	08/08/96	08/13/96	52	1	0	1
X02	08/07/96	08/07/96	08/13/96	66	2	5	7
X03	08/06/96	08/07/96	08/13/96	40	7	6	13
X04	08/06/96	08/06/96	08/13/96	20	0	0	0
X05	08/06/96	08/06/96	08/13/96	38	0	10	10
X06	08/06/96	08/12/96	08/13/96	8	0	0	0
X07	09/12/96	09/26/96	10/01/96	10	0	1	1
X08	09/12/96	10/02/96	10/30/96	144	2	15	17
X09	09/04/96	09/09/96	09/11/96	172	1	10	11
X10	09/04/96	09/04/96	09/11/96	476	5	20	25
X11	09/17/96	10/01/96	10/02/96	303	20	25	45
X12	09/05/96	09/09/96	09/19/96	204	1	12	13
X13	08/29/96	08/29/96	09/18/96	120	10	0	10
X14	08/20/96	08/21/96	09/18/96	18	0	0	0
X15	08/15/96	08/15/96	08/20/96	10	0	0	0
Y01	08/05/96	08/05/96	08/13/96	28	0	0	0
Y02	08/05/96	08/05/96	08/13/96	34	1	9	10
Y03	08/05/96	08/05/96	08/13/96	31	0	3	3
Y04	08/05/96	08/06/96	08/13/96	23	8	1	9
Y05	08/05/96	08/06/96	08/13/96	24	2	0	2
Y06	08/06/96	08/12/96	08/13/96	8	0	0	0
Y07	09/16/96	09/26/96	10/01/96	0	0	0	0
Y08	09/16/96	09/26/96	10/01/96	0	0	0	0
Y09	09/16/96	11/13/96	11/13/96	27	1	3	4
Y10	09/16/96	10/08/96	10/22/96	268	4	6	10
Y11	09/05/96	09/09/96	10/02/96	86	1	10	11
Y12	09/05/96	09/09/96	09/19/96	126	0	7	7
Y13	08/29/96	08/29/96	09/18/96	25	1	1	2
Y14	08/20/96	08/21/96	09/18/96	12	0	0	0
Y15	08/15/96	09/26/96	08/20/96	0	0	0	0

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 7/9/96 TIME: 0930

CONTRACT NUMBER: DACA87-94-D PROJECT LOCATION: Camp Croft
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA^d and Passed The Following
Grids K-5, L-5, J-4, and K-4
Nothing Follows

Prompt correction or compliance with contract specifications is requested.

Bryon S. Person
USACE Site Representative

RECEIPT ACKNOWLEDGED: Arnold A. Neidhofer
Contractor's Representative

ACTION TAKEN:

0007

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 16 July 96 TIME:

CONTRACT NUMBER: DACA87-94-D PROJECT LOCATION: Camp Croft
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA^d and Passed The Following
Grids in 0007: J1, J2, H1, G1, F1, E1,
H5, G5, F5, F6, G6 and M8.
TOTAL 12 Grids
Nothing Follows

Prompt correction or compliance with contract specifications is requested.

Bryon S. Person
USACE Site Representative

RECEIPT ACKNOWLEDGED: RKrause
Contractor's Representative

ACTION TAKEN:

TICKET # 2

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 7/17/96 TIME:

CONTRACT NUMBER: PROJECT LOCATION:
Camp Croft

DO #: _____

SUBJECT ITEM(S) (Check all that apply):

Work Plan Quality Control

Safety Violation Other

Safety Comments

DESCRIPTION: QA'd and passed the following
Grid L-8, 0047. Nothing follows

Prompt correction or compliance with contract specifications is requested.

Angie S. Penn
USACE Site Representative

RECEIPT ACKNOWLEDGED: Arnold A. Matichon
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 8/4 July 96 TIME: 0550

CONTRACT NUMBER: 0ACA 87-94-D PROJECT LOCATION:
Camp Croft 3.2

DO #: 0019

SUBJECT ITEM(S) (Check all that apply):

Work Plan Quality Control

Safety Violation Other

Safety Comments

DESCRIPTION: QA'd + Passed
Grid D-1 in AREA 004-7.

Prompt correction or compliance with contract specifications is requested.

Angie S. Penn
USACE Site Representative

RECEIPT ACKNOWLEDGED: R. Ruesen
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 7 Aug 96 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: Camp Croft
DO #: 0019

SUBJECT ITEM(S) (Check all that apply):
 Work Plan Quality Control
 Safety Violation Other
 Safety Comments

DESCRIPTION: QAD and passed the following grids in OOU 7, Rows 15 A through J and 14 A through J for a total of 18. Nothing follows.

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 13 Aug 96 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: Camp Croft
DO #: 0019

SUBJECT ITEM(S) (Check all that apply):
 Work Plan Quality Control
 Safety Violation Other
 Safety Comments

DESCRIPTION: QAD and passed the following grids in OOU-7: Y-1 through Y-6, X-1 through X-6, W-1 through W-6, and V-1 through V-6. Total 22 grids. Nothing follows.

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 14 Aug 96 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: Camp Croft
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'D AND PASSED THE FOLLOWING
GRIDS IN ROW-7 11-A THROUGH D, 12
A THROUGH D, 13 A- THROUGH G AND 2-C
THROUGH H. TOTAL 21 GRIDS - 1
Nothing Follows - 1

Prompt correction or compliance with contract specifications is requested.

Bryan S. [Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 20 Aug 96 TIME:

CONTRACT NUMBER: DACA 87-94-D PROJECT LOCATION: CAMP CROFT
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'D AND PASSED THE FOLLOWING
GRIDS 15 L, M, N, P, R, S, T, U, V, W, X, AND
15 Y IS TOTALLY UNDER WATER AND IS PART
OF THE LAKE BUT IS LISTED FOR ACCOUNTABILITY
PURPOSES ONLY. TOTAL OF 13 GRIDS, ALL
WITHIN ROW-7

Prompt correction or compliance with contract specifications is requested.

Bill McPherson
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE ORDNANCE AND EXPLOSIVE GROUP MEMO		
TO: <i>HFA</i>	DATE: <i>21 AUG</i>	TIME:
CONTRACT NUMBER: <i>DACA 87-940</i>	PROJECT LOCATION:	
DO #: <i>0019</i>		
SUBJECT ITEM(S) (Check all that apply): <input type="checkbox"/> Work Plan <input type="checkbox"/> Quality Control <input type="checkbox"/> Safety Violation <input checked="" type="checkbox"/> Other <input type="checkbox"/> Safety Comments		
DESCRIPTION: <i>QA & PASSED THE FOLLOWING GRIDS: N-1, P-1, V1, V2, U1, 2, 3, 4, 5, 6, 14, K, L, M, N, P, 12E, F, G, H, J, 11E, F, G, H, J. ALL WITHIN AREA 004-7, FOR A TOTAL OF 25 GRIDS, PLUS K-15 FOR 26 GRIDS</i>		
<input type="checkbox"/> Prompt correction or compliance with contract specifications is requested.		
<i>Bill McPherson</i> USACE Site Representative		
RECEIPT ACKNOWLEDGED: <i>R. Ruan</i> Contractor's Representative		
ACTION TAKEN:		
CEHNC FORM 948 (Revised) 1 APR 96 COPY 1 - Contractor's Representative		

U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE ORDNANCE AND EXPLOSIVE GROUP MEMO		
TO: <i>HFA</i>	DATE: <i>22 AUG</i>	TIME:
CONTRACT NUMBER: <i>DACA 87-940</i>	PROJECT LOCATION: <i>CAMP CROFT</i>	
DO #: <i>0019</i>		
SUBJECT ITEM(S) (Check all that apply): <input type="checkbox"/> Work Plan <input type="checkbox"/> Quality Control <input type="checkbox"/> Safety Violation <input checked="" type="checkbox"/> Other <input type="checkbox"/> Safety Comments		
DESCRIPTION: <i>QA & PASSED THE FOLLOWING GRIDS: R-1, 10A, H, K, AND 9A FOR A TOTAL OF 5 GRIDS NOTHING FOLLOWS</i>		
<input type="checkbox"/> Prompt correction or compliance with contract specifications is requested.		
<i>Bill McPherson</i> USACE Site Representative		
RECEIPT ACKNOWLEDGED: <i>R. Ruan</i> Contractor's Representative		
ACTION TAKEN:		
CEHNC FORM 948 (Revised) 1 APR 96 COPY 1 - Contractor's Representative		

004-7

U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO

TO: DA DATE: 27 Aug 76 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: CAMP CROFT
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: DA^d AND PASSED THE FOLLOWING GRIDS TO OOU7: K1, 2+3, R2, R-2, N-2 AND J-10. TOTAL 7 GRIDS
NOTHING FOLLOWS

Prompt correction or compliance with contract specifications is requested.

H. Conato
USACE Site Representative

RECEIPT ACKNOWLEDGED: R. Rueseman
Contractor's Representative

ACTION TAKEN:

U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO

TO: HFA DATE: 4 SEP 76 TIME: 1700

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: CAMP CROFT, AL
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'D AND PASSED THE FOLLOWING GRIDS IN OOU7:
10B, C, D, E, F
TOTAL OF 5 GRIDS
NOTHING FOLLOWS

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: Rla
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 11 Sep 96 TIME: 1255

CONTRACT NUMBER: DACA 87-94-D PROJECT LOCATION: CAMP CROFT, SC
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QAD AND PASSED THE
FOLLOWING GRIDS IN OOU-7:
5A, B
6A, B, C
7 V, W, X
10 G, V, W, X
1 - NOTHING FOLLOWS

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 18 Sep 96 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: Cp Croft, SC
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QAD and passed the following
Grids in OOU-7: 5-1, T-1, J-7, J-6,
K-6, R-14, R-13, ^W5-14, S-13, 9-14, T-13,
U-14, U-13, V-14, V-13, W-13, W-14, X-14,
Y-13, 4-14 AND 4-13 Total 21 Grids
Nothing follows

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO

TO: HFA DATE: 19 Sep 96 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: Cp Croft, SC
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: OA'd and passed the following grids in DOU7: A-1, B-1, C-1, A-2, B-2, B-9, G-9, H-9, J-9, K-9, L-9, I-12, U-12, V-12, W-12, X-12, Y-12, Total of 17 grids
Nothing follows

Prompt correction or compliance with contract specifications is requested.

H Counts

USACE Site Representative

RECEIPT ACKNOWLEDGED: R Pa

Contractor's Representative

ACTION TAKEN:

U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO

TO: HFA DATE: 19 Sep 96 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: Cp Croft, SC
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: OA'd N-8 & M9 both areas failed due to proximity to live mortars many parts were located in grid that had not been any movement of soil NO UXO WAS FOUND
Nothing follows

Prompt correction or compliance with contract specifications is requested.

H Counts

USACE Site Representative

RECEIPT ACKNOWLEDGED: K Pa

Contractor's Representative

ACTION TAKEN: Contractor to Re do grids

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 25 Sep 96 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: Cp Croft, SC
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: OA'd and passed the following grids in Area 00U7: S-2, S4-5-5, T-2, T-3, T-4, T-5 Total: 7 grids
Nothing follows

Prompt correction or compliance with contract specifications is requested.

H Counts
USACE Site Representative

RECEIPT ACKNOWLEDGED: R Kueser
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 25 Sep 96 TIME:

CONTRACT NUMBER: DACA 87-94-D PROJECT LOCATION: Camp Croft, SC
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: OA'd and passed the following grids in 00U7 A-8, B-8, C-8, N-4, L-1, M-1, L-2, M-2, L-3, M-3, L-4, M-4 total of 12 grids
Nothing follows

Prompt correction or compliance with contract specifications is requested.

H Counts
USACE Site Representative

RECEIPT ACKNOWLEDGED: R Kueser
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 26 Sep 96 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: Cp Croft, SE
DO #: 0019

SUBJECT ITEM(S) (Check all that apply):
 Work Plan Quality Control
 Safety Violation Other
 Safety Comments

DESCRIPTION: QA'd and passed the following grids in 0019: S-3, P-3, N-3, L-6 a total of 4 grids.
Nothing follows

Prompt correction or compliance with contract specifications is requested.

A Counts
USACE Site Representative

RECEIPT ACKNOWLEDGED: R Racer
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 1 OCT 96 TIME: 1500

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: CP. CROFT
DO #: 0019

SUBJECT ITEM(S) (Check all that apply):
 Work Plan Quality Control
 Safety Violation Other
 Safety Comments

DESCRIPTION: QA'd and passed the following grids: C-9, I-5, H-6, M-9, M-5, N-5, N-3, N-8, N-6, U-7, V-7, W-7, X-7. The following two grids are physically located in the lake and are listed for accountability only; Y-7, Y-8
Nothing follows

Prompt correction or compliance with contract specifications is requested.

Bill McPherson
USACE Site Representative

RECEIPT ACKNOWLEDGED: R Racer
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 16 OCT 96 TIME: 1700

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: CAMP CROFT, SC

DO #: 0019

- SUBJECT ITEM(S)** (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'D AND PASSED THE
FOLLOWING GRIDS IN AREA 004-7:
7A, 7P, 7R, 7S, 7T, 9D,
9E, 9F TOTAL 8 GRIDS
— NOTHING FOLLOWS —

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 17 OCT 96 TIME: 1645

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: CAMP CROFT, SC

DO #: 0019

- SUBJECT ITEM(S)** (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'D AND PASSED THE
FOLLOWING GRIDS IN AREA 004-7
7E, 7F, 7G, 7H, P4, P5,
R3, R4, R5, TOTAL 9 GRIDS
— NOTHING FOLLOWS —

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 18 Oct 96 TIME: 1100

CONTRACT NUMBER: _____ PROJECT LOCATION: CAMP CROFT, SC

DO #: _____

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan Quality Control
 - Safety Violation Other
 - Safety Comments

DESCRIPTION: QA'D AND PASSED THE
FOLLOWING GRIDS IN AREA COL-7
4A, 4B, 4C, 4D, 4E, 4F, 4G, 4H;
5L ~~4K~~, 8J, 8K, TOTAL 12 GR
— NOTHING FOLLOWS —

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: *[Signature]*
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 20 OCT 96 TIME: 1500

CONTRACT NUMBER: DACA-87-941 PROJECT LOCATION: _____

DO #: 0019 C.P. CROFT

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan Quality Control
 - Safety Violation Other
 - Safety Comments

DESCRIPTION: QA'D AND PASSED THE
FOLLOWING GRIDS: 11-T, 11-V, 11-X, 4,
13-H, J, K, L, M, N, P, 9N FOR A
TOTAL OF 14 GRIDS.
— NOTHING FOLLOWS —

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: *[Signature]*
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 22 OCT 96 TIME:

CONTRACT NUMBER: DACA-87-94D PROJECT LOCATION: Cp Croft SC

DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: DA'd and passed the following grids in Area 00U7: 3A, B, C, D, E, F, G, H, and 10y for a total of 9 grids
Nothing follows

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 23 OCT 96 TIME:

CONTRACT NUMBER: DACA-87-94D PROJECT LOCATION: Cp Croft SC

DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: DA'd and passed the following grids: 3J, 7B, 7C, & 8D for a total of 4 grids in Area 00U-7
Nothing follows

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 29 OCT 96 TIME:

CONTRACT NUMBER: DACA-87-91D PROJECT LOCATION: Cp Croft
DO #: 0019 SE

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: OA'd and passed the following
Grids: E-8, F-8, K-7, L-7, M-7, P-6,
R-6, S-6, T-6, and M-6 for a total
of 10 Grids in Area DOU-7
Nothing follows

Prompt correction or compliance with contract specifications is requested.

Mark Counts
USACE Site Representative

RECEIPT ACKNOWLEDGED: R. Paves
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 30 OCT 96 TIME:

CONTRACT NUMBER: DACA-87-91D PROJECT LOCATION: Cp Croft
DO #: 0019 SE

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: OA'd and passed the following
Grids in Area DOU-7: 8-P, 8-R, 8-S,
8-T, 8-U, 8-V, 8-W, and 8-X
Total 8 Nothing follows

Prompt correction or compliance with contract specifications is requested.

Mark Counts
USACE Site Representative

RECEIPT ACKNOWLEDGED: R. Paves
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 4 Nov '96 TIME: 1645

CONTRACT NUMBER: DACA-87-91D PROJECT LOCATION: CAMP CROFT, SC

DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'D AND PASSED THE
FOLLOWING GRIDS IN OOU-7:
9F & 10P TOTAL 2
— NOTHING FOLLOWS —

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 5 Nov '96 TIME: 1655

CONTRACT NUMBER: DACA 87-91D PROJECT LOCATION: CAMP CROFT, SC

DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'D AND PASSED THE
FOLLOWING GRIDS IN AREA
OOU-7: 10L, 10M, 11L,
11M, TOTAL 4 GRIDS
— NOTHING FOLLOWS —

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO

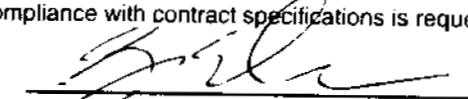
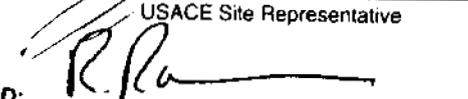
TO: HFA DATE: 6 NOV 96 TIME: 1645

CONTRACT NUMBER: DACA 87-91D PROJECT LOCATION: CAMP CROFT, SC
DO #: 0019

SUBJECT ITEM(S) (Check all that apply):
 Work Plan Quality Control
 Safety Violation Other
 Safety Comments

DESCRIPTION: GA'D AND PASSED THE
FOLLOWING GRIDS IN AREA 0007:
10N, 11K, 11N, 11P, 12K,
12L, 12M, TOTAL 7
NOTHING FOLLOWS

Prompt correction or compliance with contract specifications is requested.


USACE Site Representative
RECEIPT ACKNOWLEDGED: 
Contractor's Representative

ACTION TAKEN:

U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO

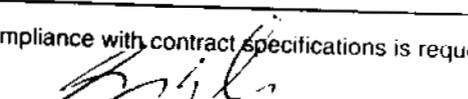
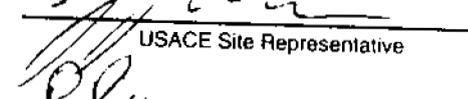
TO: HFA DATE: 12 NOV 96 TIME: 1655

CONTRACT NUMBER: DACA 87-91D PROJECT LOCATION: CAMP CROFT, SC
DO #: 0019

SUBJECT ITEM(S) (Check all that apply):
 Work Plan Quality Control
 Safety Violation Other
 Safety Comments

DESCRIPTION: GA'D AND PASSED THE
FOLLOWING GRIDS IN AREA 0007:
G8, H8, N12, P12, R11, R12, S11,
S12 TOTAL: 8
NOTHING FOLLOWS

Prompt correction or compliance with contract specifications is requested.


USACE Site Representative
RECEIPT ACKNOWLEDGED: 
Contractor's Representative

ACTION TAKEN:

U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO

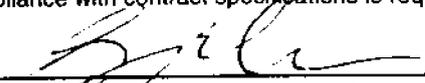
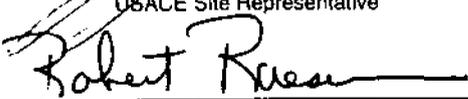
TO: HFA DATE: 13 NOV 96 TIME: 1030

CONTRACT NUMBER: DACA 87-94D PROJECT LOCATION: CAMP CROFT, SC
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'D AND PASSED THE FOLLOWING
GRIDS IN AREA COLI-7: 5D, 6D, 5E,
6E, 7D, 9R, 10R, 9S, 10S, 9T,
10T, 9U, 10U, 9Y, TOTAL 14.
— NOTHING FOLLOWS —

Prompt correction or compliance with contract specifications is requested.


USACE Site Representative

Contractor's Representative

RECEIPT ACKNOWLEDGED:

ACTION TAKEN:

OOU-1B

	DATE	DATE PASS	DATE PASS COE	LBS OE	LBS NON	TOTAL LBS
Grid	SWEPT	HFA QC	QA (CEHNC 948)	SCRAP (INERT)	OE SCRAP	SCRAP
A1	07/11/96	07/11/96	07/17/96	0	1	1
A2	07/11/96	07/11/96	07/17/96	40	1	41
A3	07/11/96	07/15/96	07/17/96	7	1	8
A4	07/15/96	07/15/96	07/17/96	0	0	0
A5	07/15/96	07/15/96	07/17/96	0	0	0
A6	07/15/96	07/15/96	07/17/96	0	0	0
A7	07/15/96	07/16/96	07/17/96	1	1	2
A8	07/16/96	07/16/96	07/17/96	0	0	0
B1	07/18/96	07/18/96	07/23/96	0	1	1
B2	07/18/96	07/18/96	07/23/96	0	6	6
B3	07/17/96	07/18/96	07/23/96	0	25	25
B4	07/17/96	07/18/96	07/23/96	0	2	2
B5	07/17/96	07/18/96	07/23/96	0	0	0
B6	07/16/96	07/16/96	07/17/96	0	1	1
B7	07/16/96	07/16/96	07/17/96	15	1	16
B8	07/16/96	07/16/96	07/17/96	1	1	2
C1	07/18/96	07/18/96	07/23/96	0	2	2
C2	07/22/96	07/22/96	07/23/96	0	3	3
C3	07/22/96	07/22/96	07/23/96	0	0	0
C4	07/22/96	07/22/96	07/23/96	0	15	15
C5	07/22/96	07/22/96	07/23/96	1	6	7
C6	07/22/96	07/23/96	07/23/96	0	4	4
C7	07/23/96	07/23/96	07/25/96	0	0	0
C8	07/23/96	07/23/96	07/25/96	0	0	0
D1	07/11/96	07/11/96	07/17/96	0	5	5
D2	07/11/96	07/11/96	07/17/96	0	1	1
D3	07/11/96	07/15/96	07/17/96	0	1	1
D4	07/15/96	07/15/96	07/17/96	0	1	1
D5	07/15/96	07/15/96	07/17/96	0	5	5
D6	07/15/96	07/15/96	07/17/96	0	2	2
D7	07/15/96	07/15/96	07/17/96	0	5	5
D8	07/15/96	07/16/96	07/17/96	0	21	21
E1	07/17/96	07/17/96	07/23/96	0	10	10
E2	07/17/96	07/17/96	07/23/96	0	2	2
E3	07/17/96	07/17/96	07/23/96	0	1	1
E4	07/16/96	07/16/96	07/17/96	0	1	1
E5	07/16/96	07/16/96	07/17/96	0	1	1
E6	07/16/96	07/16/96	07/17/96	0	6	6
E7	07/16/96	07/16/96	07/17/96	0	3	3
E8	07/16/96	07/16/96	07/17/96	0	1	1
F1	07/18/96	07/18/96	07/24/96	0	4	4
F2	07/18/96	07/18/96	07/24/96	0	1	1
F3	07/18/96	07/22/96	07/24/96	0	0	0
F4	07/22/96	07/22/96	07/24/96	0	2	2
F5	07/22/96	07/22/96	07/24/96	0	1	1

	DATE	DATE PASS	DATE PASS COE	LBS OE	LBS NON	TOTAL LBS
Grid	SWEPT	HFA QC	QA (CEHNC 948)	SCF. VP (INERT)	OE SCRAP	SCRAP
F6	07/22/96	07/22/96	07/24/96	2	3	5
F7	07/22/96	07/22/96	07/24/96	1	5	6
F8	07/23/96	07/23/96	07/24/96	1	3	4
G1	07/25/96	07/25/96	07/30/96	0	1	1
G2	07/25/96	07/25/96	07/30/96	0	1	1
G3	07/25/96	07/25/96	07/30/96	0	1	1
G4	07/24/96	07/24/96	07/30/96	7	6	13
G5	07/24/96	07/24/96	07/30/96	10	2	12
G6	07/24/96	07/24/96	07/30/96	35	8	43
G7	07/23/96	07/23/96	07/30/96	10	1	11
G8	07/23/96	07/29/96	07/30/96	1	1	2
H1	07/25/96	07/29/96	07/30/96	0	1	1
H2	07/25/96	07/29/96	07/30/96	0	0	0
H3	07/29/96	07/29/96	07/30/96	0	1	1
H4	07/29/96	07/29/96	07/30/96	1	1	2
H5	07/29/96	07/29/96	07/30/96	10	5	15
H6	07/29/96	07/25/96	07/30/96	10	15	25
H7	07/25/96	07/30/96	07/30/96	7	0	7
H8	07/23/96	07/30/96	07/30/96	0	1	1
J1	07/31/96	07/31/96	07/31/96	0	0	0
J2	07/30/96	07/30/96	07/31/96	5	1	6
J3	07/30/96	07/31/96	07/31/96	0	1	1
J4	07/30/96	07/31/96	07/31/96	0	2	2
J5	07/30/96	07/30/96	07/31/96	5	1	6
J6	07/30/96	07/31/96	07/31/96	20	15	35
J7	07/30/96	07/30/96	07/31/96	5	1	6
J8	07/29/96	07/30/96	07/30/96	0	0	0
K1	07/31/96	08/01/96	08/06/96	0	0	0
K2	07/31/96	08/01/96	08/06/96	0	0	0
K3	07/31/96	08/01/96	08/06/96	0	1	1
K4	07/31/96	08/01/96	08/06/96	0	1	1
K5	07/31/96	08/01/96	08/06/96	5	1	6
K6	08/01/96	08/01/96	08/06/96	32	2	34
K7	08/01/96	08/01/96	08/06/96	2	0	2
K8	08/01/96	08/01/96	08/06/96	0	0	0
L1	07/23/96	07/23/96	07/30/96	0	0	0
L2	07/23/96	07/24/96	07/30/96	6	0	6
L3	07/23/96	07/24/96	07/30/96	0	1	1
L4	07/24/96	07/25/96	07/30/96	3	1	4
L5	07/24/96	07/25/96	07/30/96	15	0	15
L6	07/25/96	07/25/96	07/30/96	10	5	15
L7	07/25/96	07/30/96	07/30/96	0	3	3
L8	07/25/96	07/30/96	07/30/96	0	1	1
M1	07/30/96	07/30/96	07/30/96	0	0	0
M2	07/30/96	07/30/96	07/30/96	0	0	0

	DATE	DATE PASS	DATE PASS COE	LBS OE	LBS NON	TOTAL LBS
Grid	SWEPT	HRA QC	QA (CEHNC 948)	SCRAP (NET)	OE SCRAP	SCRAP
M3	07/29/96	07/30/96	07/30/96	0	0	0
M4	07/29/96	07/29/96	07/30/96	3	0	3
M5	07/29/96	07/25/96	07/30/96	8	1	9
M6	07/29/96	07/29/96	07/30/96	1	10	11
M7	07/25/96	07/29/96	07/30/96	0	2	2
M8	07/25/96	07/25/96	07/30/96	0	1	1
N1	07/30/96	07/30/96	08/06/96	0	0	0
N2	07/30/96	07/30/96	08/06/96	0	0	0
N3	07/30/96	07/31/96	08/06/96	0	0	0
N4	07/30/96	07/31/96	08/06/96	0	0	0
N5	07/30/96	07/31/96	08/06/96	0	0	0
N6	07/30/96	08/05/96	08/06/96	0	0	0
N7	07/31/96	08/05/96	08/06/96	0	2	2
N8	07/31/96	08/05/96	08/06/96	0	0	0
P1	07/31/96	08/05/96	08/06/96	0	2	2
P2	07/31/96	08/05/96	08/06/96	0	0	0
P3	07/31/96	07/31/96	08/06/96	0	0	0
P4	07/31/96	07/31/96	08/06/96	0	0	0
P5	08/01/96	08/05/96	08/06/96	0	0	0
P6	07/31/96	08/05/96	08/06/96	0	1	1
P7	07/31/96	08/05/96	08/06/96	0	0	0
P8	07/31/96	08/05/96	08/06/96	0	0	0
R1	07/30/96	07/31/96	07/31/96	0	0	0
R2	07/31/96	07/31/96	08/06/96	0	0	0
R3	07/31/96	07/31/96	08/06/96	0	0	0
R4	07/31/96	08/05/96	08/06/96	0	0	0
R5	08/01/96	08/05/96	08/06/96	1	0	1
R6	07/31/96	07/31/96	08/06/96	0	0	0
R7	07/31/96	07/31/96	08/06/96	0	0	0
R8	07/31/96	07/31/96	08/06/96	0	0	0
S1	07/29/96	07/29/96	07/31/96	0	0	0
S2	07/29/96	07/30/96	07/31/96	0	0	0
S3	07/29/96	07/30/96	07/31/96	0	0	0
S4	07/29/96	07/31/96	07/31/96	0	0	0
S5	07/29/96	07/30/96	07/31/96	0	0	0
S6	07/29/96	07/30/96	07/31/96	0	0	0
S7	07/29/96	07/30/96	07/31/96	0	0	0
S8	07/29/96	07/30/96	07/31/96	0	0	0
T1	07/30/96	07/30/96	07/31/96	0	0	0
T2	07/30/96	07/30/96	07/31/96	0	0	0
T3	07/30/96	07/30/96	07/31/96	0	0	0
T4	07/30/96	07/30/96	07/31/96	0	0	0
T5	07/30/96	07/30/96	07/31/96	2	0	2
T6	07/30/96	07/30/96	07/31/96	0	0	0
T7	07/29/96	07/30/96	07/31/96	0	0	0

	DATE	DATE PASS	DATE PASS COE	LBS OE	LBS NON	TOTAL LBS
Grid	SWEPT	HFA QC	QA (CEHNC 948)	SCRAP (INERT)	OE SCRAP	SCRAP
T8	07/29/96	07/30/96	07/31/96	0	0	0
				283	257	540

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 7/17/96 TIME:

CONTRACT NUMBER: PROJECT LOCATION:
Camp Croft

DO #: _____

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'd and Passed The Following
Grids W/ OOU's: A1-A8, B-6-8, D-1-
and E-4-E-8. Total 24 Grids
Nothing Follows

Prompt correction or compliance with contract specifications is requested.

Bryan S. Parron
USACE Site Representative

RECEIPT ACKNOWLEDGED: Arnold G. Nienhoffer
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 23 July 96 TIME: 1600

CONTRACT NUMBER: DACA87-94-D PROJECT LOCATION: Camp Croft SC

DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'd & passed
AREA OOU-1B
B1 through B5
C1 through C6
E1, E2, E3.

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 26 July 96 TIME: 0840

CONTRACT NUMBER: DACA 87-94-D PROJECT LOCATION: Camp Croft SC
DO #: 0019

SUBJECT ITEM(S) (Check all that apply):
 Work Plan Quality Control
 Safety Violation Other
 Safety Comments

DESCRIPTION: QA'd & Passed
Grids F1, F2, F3, F4
F5, F6, F7, F8 in
AREA 004-1B

Prompt correction or compliance with contract specifications is requested.

Jeff C. Neace
 USACE Site Representative
 RECEIPT ACKNOWLEDGED: *R. Reseman*
 Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 25 July 96 TIME: 1100

CONTRACT NUMBER: DACA 87-94-D PROJECT LOCATION: Camp Croft S.C.
DO #: 0019

SUBJECT ITEM(S) (Check all that apply):
 Work Plan Quality Control
 Safety Violation Other
 Safety Comments

DESCRIPTION: QA'd & Passed
Grids C-7 & C-8 in
AREA 004-1B.

Prompt correction or compliance with contract specifications is requested.

Jeff C. Neace
 USACE Site Representative
 RECEIPT ACKNOWLEDGED: *Amelia A. Niedetzki*
 Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 7/30/96 TIME:

CONTRACT NUMBER: DACA87-94-D PROJECT LOCATION: Camp Croft
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA and passed the following grids in OOW B1 M-1 through M-8, H-1 through H-8, L-1 through L-8, G-1 through G-8, and J-8. Total 33 grids. Nothing follows.

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 31 JUL 96 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: Camp Croft
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA and passed the following grids in OOW B1 J-1 through J-7, S-1 through S-8, T-1 through T-8, and R-1. Total grids 24. Nothing follows.

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: *HFA* **DATE:** *6 Aug 96* **TIME:**

CONTRACT NUMBER: *DAC-987-94-D* **PROJECT LOCATION:**

DO #: *0019* *Camp PROF*
000-1B

- SUBJECT ITEM(S)** (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: *DAC and passed the following grids K1 through K8, N1 through N8, P1 through P8 and R2 through R8. TOTAL 32 Grids. Nothing follows.*

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: *Arnold A. Niederhoffer*
Contractor's Representative

ACTION TAKEN:

000-1B

OOU - 2

GRID	DATE SWEPT	DATE PASS HFA QC	DATE PASS COE QA (CEHNC 948)	OE SCRAP (INERT)	NON OE SCRAP	TOTAL SCRAP
AA07	01/15/97	01/16/97	01/16/97	0	0	0
AA08	12/17/96	01/08/97	01/08/97	1	1	2
AA09	12/12/96	12/16/96	12/16/96	0	0	0
AA10	01/10/97	01/13/97	01/13/97	0	1	1
AA11	11/18/96	11/20/96	11/20/96	5	0	5
AA12	02/26/97	02/27/97	02/27/97	3	4	7
AA13	02/26/97	02/27/97	02/27/97	4	3	7
AA14	02/26/97	02/27/97	02/27/97	3	2	5
AA15	01/08/97	01/09/97	01/09/97	2	3	5
AA16	01/07/97	01/08/97	01/08/97	0	10	10
AA17	01/08/97	01/09/97	01/09/97	0	0	0
AA18	01/09/97	01/10/97	01/10/97	0	2	2
AA19	01/10/97	01/13/97	01/13/97	0	3	3
AA20	01/22/97	01/23/97	01/23/97	2	1	3
AA21	01/22/97	01/23/97	01/23/97	0	1	1
AA22	11/27/96	12/03/96	12/03/96	0	0	0
AA23	11/27/96	12/03/96	12/03/96	0	0	0
AB07	01/15/97	01/16/97	01/16/97	0	0	0
AB08	12/18/96	01/16/97	01/08/97	0	1	1
AB09	12/12/96	12/16/96	12/16/96	1	0	1
AB10	01/10/97	01/13/97	01/13/97	0	2	2
AB11	11/18/96	11/20/96	11/20/96	0	1	1
AB12	11/18/96	11/26/96	11/26/96	0	4	4
AB13	11/19/96	11/20/96	11/20/96	1	1	2
AB14	11/12/96	11/13/96	11/14/96	2	50	52
AB15	01/08/97	01/09/97	01/09/97	0	4	4
AB16	01/08/97	01/09/97	01/09/97	4	2	6
AB17	01/07/97	01/08/97	01/08/97	3	4	7
AB18	01/09/97	01/10/97	01/10/97	1	5	6
AB19	01/09/97	01/10/97	01/10/97	1	10	11
AB20	01/22/97	01/23/97	01/23/97	1	1	2
AB21	11/27/96	12/10/96	12/10/96	0	0	0
AB22	11/27/96	12/03/96	12/03/96	0	0	0
AC06	01/27/97	01/28/97	01/28/97	0	0	0
AC07	01/15/97	01/16/97	01/16/97	0	1	1
AC08	12/18/96	01/08/97	01/08/97	0	1	1

GRID	DATE SWEPT	DATE PASS HFA QC	DATE PASS COR QA (CEHNC 948)	OE SCRAP (INERT)	NON OE SCRAP	TOTAL SCRAP
AC09	01/13/97	12/16/96	12/16/96	0	1	1
AC10	01/10/97	01/13/97	01/13/97	0	2	2
AC11	01/09/97	01/10/97	01/10/97	1	2	3
AC12	12/02/96	12/03/96	12/03/96	1	3	4
AC13	11/19/96	11/20/96	11/20/96	4	1	5
AC14	11/12/96	11/13/96	11/14/96	3	20	23
AC15	01/08/97	01/09/97	01/09/97	3	2	5
AC16	01/07/97	01/08/97	01/08/97	2	6	8
AC17	01/07/97	01/08/97	01/08/97	1	5	6
AC18	12/09/96	12/10/96	12/10/96	0	6	6
AC19	01/09/97	01/10/97	01/10/97	2	15	17
AC20	01/21/97	01/22/97	01/22/97	2	0	2
AC21	11/27/96	12/03/96	12/03/96	0	0	0
AD06	01/28/97	01/29/97	01/29/97	0	0	0
AD07	01/15/97	01/16/97	01/16/97	0	1	1
AD08	12/18/96	01/08/97	01/08/97	0	0	0
AD09	01/13/97	12/16/96	12/16/96	0	1	1
AD10	01/10/97	01/13/97	01/13/97	0	1	1
AD11	01/09/97	01/10/97	01/10/97	1	1	2
AD12	11/26/96	12/03/96	12/03/96	1	2	3
AD13	11/19/96	11/20/96	11/20/96	10	2	12
AD14	11/12/96	11/13/96	11/14/96	3	10	13
AD15	01/08/97	01/09/97	01/09/97	5	4	9
AD16	01/16/97	01/16/97	01/16/97	15	5	20
AD17	01/07/97	01/08/97	01/08/97	2	3	5
AD18	01/09/97	01/10/97	01/10/97	2	3	5
AD19	01/10/97	01/13/97	01/13/97	4	6	10
AD20	11/27/96	12/03/96	12/03/96	0	0	0
AD21	12/02/96	12/04/96	12/04/96	0	0	0
AE06	01/28/97	01/29/97	01/29/97	0	1	1
AE07	01/15/97	01/16/97	01/16/97	0	1	1
AE08	01/13/97	01/14/97	01/14/97	0	2	2
AE09	01/13/97	01/14/97	01/14/97	0	1	1
AE10	01/10/97	01/13/97	01/13/97	0	2	2
AE11	01/09/97	01/10/97	01/10/97	0	2	2
AE12	11/26/96	12/03/96	12/03/96	1	2	3

GRID	DATE SWEPT	DATE PASS HFA QC	DATE PASS COE QA (CEHNC 949)	OE SCRAP (INERT)	NON OE SCRAP	TOTAL SCRAP
AE13	11/20/96	11/26/96	11/26/96	4	2	6
AE14	11/12/96	11/13/96	11/14/96	2	10	12
AE15	01/08/97	01/09/97	01/09/97	2	10	12
AE16	01/15/97	01/16/97	01/16/97	10	3	13
AE17	01/07/97	01/08/97	01/08/97	1	5	6
AE18	01/07/97	01/08/97	01/08/97	1	0	1
AE19	11/27/96	12/04/96	12/04/96	4	6	10
AE20	12/02/96	12/04/96	12/04/96	0	0	0
AF06	01/29/97	01/30/97	01/30/97	0	0	0
AF07	01/16/97	01/22/97	01/22/97	0	2	2
AF08	01/13/97	01/14/97	01/14/97	0	2	2
AF09	01/13/97	01/14/97	01/14/97	0	3	3
AF10	01/10/97	01/13/97	01/13/97	0	1	1
AF11	01/09/97	01/10/97	01/10/97	0	2	2
AF12	11/26/96	11/26/96	11/26/96	1	1	2
AF13	11/20/96	11/26/96	11/26/96	2	1	3
AF14	11/12/96	11/13/96	11/14/96	1	5	6
AF15	01/16/97	01/21/97	01/21/97	0	10	10
AF16	01/15/97	01/16/97	01/16/97	5	2	7
AF17	01/15/97	01/16/97	01/16/97	3	2	5
AF18	01/15/97	01/16/97	01/16/97	3	3	6
AF19	12/02/96	12/04/96	12/04/96	0	3	3
AG05	02/04/97	02/05/97	02/05/97	0	0	0
AG06	02/03/97	02/05/97	02/05/97	0	1	1
AG07	01/16/97	01/22/97	01/22/97	0	2	2
AG08	01/14/97	01/15/97	01/15/97	0	1	1
AG09	01/13/97	01/14/97	01/14/97	0	8	8
AG10	12/03/96	12/04/96	12/04/96	0	2	2
AG11	01/09/97	01/10/97	01/10/97	0	1	1
AG12	11/25/96	11/26/96	11/26/96	1	0	1
AG13	11/20/96	11/26/96	11/26/96	1	2	3
AG14	11/13/96	11/14/96	11/14/96	2	5	7
AG15	01/16/97	01/21/97	01/21/97	15	5	20
AG16	01/15/97	01/16/97	01/16/97	2	0	2
AG17	01/15/97	01/16/97	01/16/97	5	0	5
AG18	01/13/97	01/14/97	01/14/97	1	0	1

GRID	DATE SWEPT	DATE PASS HEA QC	DATE PASS COE QA (CEHNC 948)	OE SCRAP (INERT)	NON OE SCRAP	TOTAL SCRAP
AG19	01/09/97	01/10/97	01/10/97	1	2	3
AG20	01/09/97	01/10/97	01/10/97	2	2	4
AH04	01/27/97	01/28/97	01/28/97	0	0	0
AH05	02/06/97	02/10/97	02/10/97	0	1	1
AH06	02/12/97	02/13/97	02/13/97	0	0	0
AH07	01/16/97	01/22/97	01/22/97	0	2	2
AH08	01/14/97	01/15/97	01/15/97	0	1	1
AH09	12/16/96	12/17/96	12/17/96	0	2	2
AH10	12/03/96	12/04/96	12/04/96	0	0	0
AH11	12/02/96	12/04/96	12/04/96	0	0	0
AH12	11/25/96	11/26/96	11/26/96	1	1	2
AH13	11/20/96	11/26/96	11/26/96	1	1	2
AH14	11/13/96	11/14/96	11/14/96	3	5	8
AH15	01/16/97	01/21/97	01/21/97	8	2	10
AH16	01/16/97	01/21/97	01/21/97	5	0	5
AH17	01/16/97	01/21/97	01/21/97	3	0	3
AH18	01/13/97	01/14/97	01/14/97	2	0	2
AH19	12/18/96	01/08/97	01/08/97	3	10	13
AH20	01/09/97	01/10/97	01/10/97	20	10	30
AJ03	01/27/97	01/28/97	01/28/97	0	0	0
AJ04	02/04/97	02/05/97	02/05/97	0	2	2
AJ05	02/11/97	02/12/97	02/12/97	0	1	1
AJ06	02/12/97	02/13/97	02/13/97	0	1	1
AJ07	01/16/97	01/22/97	01/22/97	0	2	2
AJ08	01/14/97	01/15/97	01/15/97	0	1	1
AJ09	12/16/96	12/17/96	12/17/96	0	2	2
AJ10	12/03/96	12/04/96	12/04/96	0	0	0
AJ11	12/02/96	12/04/96	12/04/96	0	0	0
AJ12	11/25/96	11/26/96	11/26/96	1	0	1
AJ13	11/20/96	11/26/96	11/26/96	1	1	2
AJ14	11/13/96	11/14/96	11/14/96	1	5	6
AJ15	01/14/97	01/15/97	01/15/97	1	1	2
AJ16	01/14/97	01/15/97	01/15/97	5	0	5
AJ17	01/14/97	01/15/97	01/15/97	4	0	4
AJ18	01/13/97	01/14/97	01/14/97	2	1	3
AJ19	12/18/96	01/08/97	01/08/97	6	2	8

GRID	DATE SWEPT	DATE PASS HFA QC	DATE PASS COE QA (CEHNC 948)	OE SCRAP (INERT)	NON OE SCRAP	TOTAL SCRAP
AJ20	01/09/97	01/10/97	01/10/97	20	20	40
AJ21	01/10/97	01/13/97	01/13/97	5	2	7
AK02	01/21/97	01/22/97	01/22/97	0	2	2
AK03	02/03/97	02/05/97	02/05/97	0	1	1
AK04	02/06/97	02/10/97	02/10/97	0	2	2
AK05	02/11/97	02/12/97	02/12/97	0	0	0
AK06	02/12/97	02/13/97	02/13/97	0	3	3
AK07	01/16/97	01/22/97	01/22/97	0	2	2
AK08	01/14/97	01/15/97	01/15/97	0	2	2
AK09	12/16/96	12/17/96	12/17/96	0	2	2
AK10	12/03/96	12/04/96	12/04/96	0	0	0
AK11	12/02/96	12/04/96	12/04/96	0	0	0
AK12	11/25/96	11/26/96	11/26/96	1	1	2
AK13	11/25/96	11/26/96	11/26/96	1	1	2
AK14	11/13/96	11/14/96	11/14/96	1	2	3
AK15	01/14/97	01/15/97	01/15/97	0	1	1
AK16	01/14/97	01/15/97	01/15/97	3	0	3
AK17	01/13/97	01/14/97	01/14/97	1	0	1
AK18	01/13/97	01/14/97	01/14/97	5	0	5
AK19	12/18/96	01/08/97	01/08/97	4	2	6
AK20	01/10/97	01/13/97	01/13/97	20	4	24
AK21	01/10/97	01/13/97	01/13/97	10	2	12
AK22	01/10/97	01/13/97	01/13/97	1	0	1
AL02	01/21/97	01/22/97	01/22/97	0	2	2
AL03	01/30/97	02/03/97	02/03/97	0	5	5
AL04	02/06/97	02/10/97	02/10/97	0	3	3
AL05	02/11/97	02/12/97	02/12/97	0	0	0
AL06	02/12/97	02/13/97	02/13/97	0	2	2
AL07	02/13/97	02/20/97	02/20/97	0	0	0
AL08	01/07/97	01/08/97	01/08/97	0	10	10
AL09	12/16/96	12/17/96	12/17/96	0	1	1
AL10	12/03/96	12/04/96	12/04/96	0	0	0
AL11	12/02/96	12/04/96	12/04/96	0	0	0
AL12	11/27/96	12/03/96	12/03/96	1	3	4
AL13	11/21/96	11/26/96	11/26/96	1	1	2
AL14	11/13/96	11/14/96	11/14/96	1	1	2

GRID	DATE SWEEP	DATE PASS HEFA QC	DATE PASS COE QA (CEHNC 948)	OE SCRAP (INERT)	NON OE SCRAP	TOTAL SCRAP
AL15	01/14/97	01/15/97	01/15/97	2	2	4
AL16	01/14/97	01/15/97	01/15/97	5	2	7
AL17	01/13/97	01/14/97	01/14/97	2	2	4
AL18	01/13/97	01/14/97	01/14/97	7	10	17
AL19	12/17/96	01/08/97	01/08/97	6	10	16
AL20	01/10/97	01/13/97	01/13/97	30	6	36
AL21	01/10/97	01/13/97	01/13/97	25	10	35
AL22	02/20/97	02/26/97	02/26/97	2	1	3
AM02	01/21/97	01/22/97	01/22/97	0	2	2
AM03	01/30/97	02/03/97	02/03/97	0	280	280
AM04	02/06/97	02/10/97	02/10/97	0	234	234
AM05	02/11/97	02/12/97	02/12/97	0	2	2
AM06	02/12/97	02/13/97	02/13/97	0	0	0
AM07	01/14/97	01/15/97	01/15/97	0	1	1
AM08	01/07/97	01/08/97	01/08/97	0	0	0
AM09	12/16/96	12/17/96	12/17/96	0	1	1
AM10	12/03/96	12/04/96	12/04/96	0	0	0
AM11	12/02/96	12/04/96	12/04/96	0	0	0
AM12	11/27/96	12/03/96	12/03/96	1	1	2
AM13	11/21/96	11/26/96	11/26/96	1	1	2
AM14	11/13/96	11/14/96	11/14/96	1	1	2
AM15	11/21/96	11/26/96	11/26/96	0	0	0
AM16	11/21/96	11/26/96	11/26/96	1	0	1
AM17	11/27/96	12/03/96	12/03/96	2	0	2
AM18	12/02/96	12/03/96	12/03/96	1	0	1
AM19	12/16/96	12/17/96	12/17/96	3	0	3
AM20	12/16/96	12/17/96	12/17/96	4	0	4
AM21	12/16/96	12/17/96	12/17/96	6	1	7
AM22	02/26/97	02/27/97	02/27/97	5	2	7
AM23	02/19/97	02/26/97	02/26/97	1	6	7
AN02	01/21/97	01/22/97	01/22/97	0	2	2
AN03	01/30/97	02/03/97	02/03/97	0	3	3
AN04	02/06/97	02/10/97	02/10/97	0	3	3
AN05	02/11/97	02/12/97	02/12/97	0	0	0
AN06	02/12/97	02/13/97	02/13/97	0	0	0
AN07	01/14/97	01/15/97	01/15/97	0	1	1

GRID	DATE SWEPT	DATE PASS HFA QC	DATE PASS COE QA (CEHNC 948)	OE SCRAP (INERT)	NON OE SCRAP	TOTAL SCRAP
AN08	01/07/97	01/08/97	01/08/97	0	2	2
AN09	12/16/96	12/17/96	12/17/96	0	1	1
AN10	12/03/96	12/04/96	12/04/96	0	0	0
AN11	12/02/96	12/04/96	12/04/96	1	0	1
AN12	11/27/96	12/03/96	12/03/96	1	2	3
AN13	11/21/96	11/26/96	11/26/96	1	1	2
AN14	11/13/96	11/20/96	11/20/96	1	1	2
AN15	11/21/96	11/26/96	11/26/96	0	7	7
AN16	11/21/96	11/26/96	11/26/96	2	2	4
AN17	11/27/96	12/03/96	12/03/96	2	0	2
AN18	12/02/96	12/03/96	12/03/96	2	0	2
AN19	12/12/96	12/16/96	12/16/96	8	3	11
AN20	12/12/96	12/16/96	12/16/96	7	4	11
AN21	12/16/96	12/17/96	12/17/96	3	0	3
AN22	03/17/97	12/18/97	12/18/97	2	0	2
AN23	02/26/97	02/27/97	02/27/97	0	2	2
AP02	01/21/97	01/22/97	01/22/97	0	2	2
AP03	01/27/97	01/28/97	01/28/97	0	2	2
AP04	02/05/97	02/10/97	02/10/97	0	3	3
AP05	02/11/97	02/12/97	02/12/97	0	0	0
AP06	02/18/97	02/20/97	02/20/97	0	1	1
AP07	01/14/97	01/15/97	01/15/97	0	1	1
AP08	01/07/97	01/08/97	01/08/97	0	1	1
AP09	12/16/96	12/17/96	12/17/96	0	1	1
AP10	12/03/96	12/04/96	12/04/96	0	0	0
AP11	12/02/96	12/04/96	12/04/96	0	0	0
AP12	11/27/96	12/03/96	12/03/96	0	1	1
AP13	11/21/96	11/26/96	11/26/96	1	1	2
AP14	11/13/96	11/20/96	11/20/96	1	1	2
AP15	11/21/96	11/26/96	11/26/96	1	2	3
AP16	11/21/96	11/26/96	11/26/96	2	10	12
AP17	11/27/96	12/03/96	12/03/96	2	0	2
AP18	12/02/96	12/03/96	12/03/96	4	3	7
AP19	12/12/96	12/16/96	12/16/96	10	0	10
AP20	12/12/96	12/16/96	12/16/96	5	3	8
AP21	12/16/96	12/17/96	12/17/96	1	0	1

GRID	DATE SWEPT	DATE PASS HFA QC	DATE PASS COE QA (CEHNC 948)	OE SCRAP (INERT)	NON OE SCRAP	TOTAL SCRAP
AP22	03/17/97	12/18/97	12/18/97	2	0	2
AP23	02/20/97	02/26/97	02/26/97	2	1	3
AR02	01/22/97	01/23/97	01/23/97	0	1	1
AR03	01/27/97	01/28/97	01/28/97	0	3	3
AR04	02/04/97	02/05/97	02/05/97	0	1	1
AR05	02/18/97	02/20/97	02/20/97	0	0	0
AR06	02/18/97	02/20/97	02/20/97	0	1	1
AR07	01/08/97	01/09/97	01/09/97	7	0	7
AR08	01/07/97	01/08/97	01/08/97	0	0	0
AR11	12/02/96	12/04/96	12/04/96	0	0	0
AR12	11/27/96	12/03/96	12/03/96	0	0	0
AR13	11/25/96	11/26/96	11/26/96	1	0	1
AR14	11/14/96	11/20/96	11/20/96	1	3	4
AR15	11/20/96	11/26/96	11/26/96	0	2	2
AR16	11/20/96	11/26/96	11/26/96	1	3	4
AR17	11/27/96	12/03/96	12/03/96	3	0	3
AR18	12/02/96	12/03/96	12/03/96	2	0	2
AR19	12/09/96	12/10/96	12/10/96	10	0	10
AR20	12/10/96	12/11/96	12/11/96	2	0	2
AR21	12/17/96	01/08/97	01/08/97	1	0	1
AR22	03/17/97	12/18/97	12/18/97	0	2	2
AR23	03/04/97	03/05/97	03/05/97	4	3	7
AR24	02/19/97	02/26/97	02/26/97	2	5	7
AS02	01/22/97	01/23/97	01/23/97	0	1	1
AS03	01/23/97	01/27/97	01/27/97	0	0	0
AS04	01/29/97	02/03/97	02/03/97	0	1	1
AS05	02/05/97	02/10/97	02/10/97	0	1	1
AS06	02/05/97	02/10/97	02/10/97	0	2	2
AS07	01/08/97	01/09/97	01/09/97	0	1	1
AS08	01/07/97	01/08/97	01/08/97	0	0	0
AS11	12/02/96	12/04/96	12/04/96	0	0	0
AS12	11/27/96	12/03/96	12/03/96	1	1	2
AS13	11/25/96	11/26/96	11/26/96	1	1	2
AS14	11/14/96	11/20/96	11/20/96	1	2	3
AS15	11/20/96	11/26/96	11/26/96	2	0	2
AS16	11/20/96	11/26/96	11/26/96	2	1	3

GRID	DATE SWEPT	DATE PASS HFA QC	DATE PASS COE QA (CEHNC 948)	OE SCRAP (INERT)	NON OE SCRAP	TOTAL SCRAP
AS17	11/25/96	11/26/96	11/26/96	0	0	0
AS18	12/02/96	12/03/96	12/03/96	4	1	5
AS19	12/09/96	12/10/96	12/10/96	10	2	12
AS20	12/09/96	12/10/96	12/10/96	4	1	5
AS21	12/17/96	01/08/97	01/08/97	2	0	2
AS22	03/17/97	12/18/97	12/18/97	0	0	0
AS23	03/04/97	03/05/97	03/05/97	5	2	7
AS24	02/26/97	02/27/97	02/27/97	1	4	5
AT02	01/22/97	01/23/97	01/23/97	0	3	3
AT03	01/23/97	01/27/97	01/27/97	0	0	0
AT04	01/29/97	02/03/97	02/03/97	0	0	0
AT05	02/05/97	02/10/97	02/10/97	0	1	1
AT06	02/05/97	02/10/97	02/10/97	0	2	2
AT07	01/08/97	01/09/97	01/09/97	0	2	2
AT08	01/07/97	01/08/97	01/08/97	0	0	0
AT12	11/26/96	12/03/96	12/03/96	0	1	1
AT13	11/21/96	11/26/96	11/26/96	1	1	2
AT14	11/14/96	11/20/96	11/20/96	1	0	1
AT15	11/20/96	11/26/96	11/26/96	1	0	1
AT16	11/20/96	11/26/96	11/26/96	3	1	4
AT17	11/25/96	11/26/96	11/26/96	1	0	1
AT18	12/02/96	12/03/96	12/03/96	4	2	6
AT19	12/05/96	12/10/96	12/10/96	10	4	14
AT20	12/05/96	12/10/96	12/10/96	3	0	3
AT21	12/17/96	01/08/97	01/08/97	4	10	14
AT22	03/17/97	12/18/97	12/18/97	1	0	1
AT23	03/04/97	03/05/97	03/05/97	5	2	7
AT24	03/03/97	03/04/97	03/04/97	2	3	5
AT25	02/26/97	02/27/97	02/27/97	2	5	7
AU01	01/27/97	01/27/97	01/27/97	0	0	0
AU02	01/21/97	01/22/97	01/22/97	0	1	1
AU03	01/22/97	01/23/97	01/23/97	0	2	2
AU04	01/29/97	02/03/97	02/03/97	0	0	0
AU05	02/13/97	02/20/97	02/20/97	0	0	0
AU06	02/19/97	02/20/97	02/20/97	0	0	0
AU07	01/08/97	01/09/97	01/09/97	0	2	2

GRID	DATE SWEPT	DATE PASS HFA QC	DATE PASS COE QA (CEHNC 948)	OE SCRAP (INERT)	NON OE SCRAP	TOTAL SCRAP
AU08	01/07/97	01/08/97	01/08/97	0	0	0
AU12	11/26/96	12/03/96	12/03/96	0	1	1
AU13	11/19/96	11/20/96	11/20/96	1	1	2
AU14	11/14/96	11/20/96	11/20/96	1	0	1
AU15	11/19/96	11/20/96	11/20/96	1	0	1
AU16	11/20/96	11/26/96	11/26/96	1	0	1
AU17	11/25/96	11/26/96	11/26/96	4	1	5
AU18	12/03/96	12/05/96	12/05/96	10	2	12
AU19	12/05/96	12/10/96	12/10/96	6	0	6
AU20	12/05/96	12/10/96	12/10/96	3	0	3
AU21	12/17/96	01/08/97	01/08/97	2	3	5
AU22	03/13/97	03/17/97	03/17/97	0	1	1
AU23	03/04/97	03/05/97	03/05/97	2	1	3
AU24	03/03/97	03/04/97	03/04/97	2	5	7
AU25	02/26/97	02/27/97	02/27/97	1	2	3
AV01	01/28/97	01/28/97	01/28/97	0	0	0
AV02	01/21/97	01/22/97	01/22/97	0	1	1
AV03	01/22/97	01/23/97	01/23/97	0	3	3
AV04	01/23/97	01/27/97	01/27/97	0	0	0
AV05	02/13/97	02/20/97	02/20/97	0	0	0
AV06	01/28/97	01/29/97	01/29/97	0	1	1
AV07	01/08/97	01/09/97	01/09/97	0	0	0
AV13	11/19/96	11/20/96	11/20/96	1	0	1
AV14	11/14/96	11/20/96	11/20/96	1	0	1
AV15	11/19/96	11/20/96	11/20/96	1	0	1
AV16	11/19/96	11/20/96	11/20/96	2	0	2
AV17	11/25/96	11/26/96	11/26/96	8	2	10
AV18	12/03/96	12/05/96	12/05/96	8	3	11
AV19	12/10/96	12/11/96	12/11/96	8	0	8
AV20	12/09/96	12/10/96	12/10/96	3	0	3
AV21	12/17/96	01/08/97	01/08/97	1	0	1
AV22	03/13/97	03/17/97	03/17/97	0	1	1
AV23	03/03/97	03/04/97	03/04/97	1	1	2
AV24	03/03/97	03/04/97	03/04/97	5	3	8
AV25	02/27/97	03/03/97	03/03/97	6	1	7
AV26	02/26/97	02/27/97	02/27/97	0	0	0

GRID	DATE SWEPT	DATE PASS HFA QC	DATE PASS COE QA (CEHNC 948)	OE SCRAP (INERT)	NON OE SCRAP	TOTAL SCRAP
AW01	01/27/97	01/27/97	01/27/97	0	0	0
AW02	01/21/97	01/22/97	01/22/97	0	1	1
AW03	01/21/97	01/22/97	01/22/97	0	2	2
AW04	01/23/97	01/27/97	01/27/97	0	0	0
AW05	01/28/97	01/29/97	01/29/97	0	0	0
AW13	11/19/96	11/20/96	11/20/96	0	0	0
AW14	11/14/96	11/20/96	11/20/96	1	2	3
AW15	11/19/96	11/20/96	11/20/96	1	2	3
AW16	11/19/96	11/20/96	11/20/96	1	4	5
AW17	11/25/96	11/26/96	11/26/96	7	1	8
AW18	12/03/96	12/05/96	12/05/96	10	5	15
AW19	12/10/96	12/11/96	12/11/96	10	0	10
AW20	12/09/96	12/10/96	12/10/96	3	2	5
AW21	03/13/97	03/17/97	03/17/97	0	0	0
AW22	03/13/97	03/17/97	03/17/97	0	5	5
AW23	03/03/97	03/04/97	03/04/97	2	2	4
AW24	02/27/97	03/03/97	03/03/97	3	0	3
AW25	02/27/97	03/03/97	03/03/97	4	0	4
AW26	11/27/96	12/04/96	12/04/96	0	40	40
AX01	01/27/97	01/27/97	01/27/97	0	0	0
AX02	01/23/97	01/27/97	01/27/97	0	0	0
AX03	01/21/97	01/22/97	01/22/97	0	2	2
AX04	01/23/97	01/27/97	01/27/97	0	0	0
AX14	11/14/96	11/20/96	11/20/96	1	0	1
AX15	11/19/96	11/20/96	11/20/96	2	1	3
AX16	11/18/96	11/20/96	11/20/96	0	1	1
AX17	11/25/96	11/26/96	11/26/96	3	0	3
AX18	12/03/96	12/05/96	12/05/96	15	3	18
AX19	12/10/96	12/11/96	12/11/96	15	2	17
AX20	12/11/96	12/16/96	12/16/96	1	0	1
AX21	03/13/97	03/17/97	03/17/97	0	0	0
AX22	03/13/97	03/17/97	03/17/97	2	3	5
AX23	03/03/97	03/04/97	03/04/97	1	1	2
AX24	02/27/97	03/03/97	03/03/97	2	0	2
AX25	11/27/96	12/04/96	12/04/96	2	0	2
AX26	11/27/96	12/04/96	12/04/96	0	0	0

GRID	DATE SWEEP	DATE PASS HFA QC	DATE PASS COE QA (CEHNC 948)	OE SCRAP (INERT)	NON OE SCRAP	TOTAL SCRAP
AY01	01/21/97	01/22/97	01/22/97	0	3	3
AY02	01/21/97	01/22/97	01/22/97	0	5	5
AY14	11/18/96	11/20/96	11/20/96	0	1	1
AY15	11/18/96	11/20/96	11/20/96	1	2	3
AY16	11/18/96	11/20/96	11/20/96	2	2	4
AY17	11/26/96	12/03/96	12/03/96	2	0	2
AY18	12/03/96	12/05/96	12/05/96	3	2	5
AY19	12/10/96	12/11/96	12/11/96	10	1	11
AY20	12/11/96	12/16/96	12/16/96	2	0	2
AY21	03/13/97	03/17/97	03/17/97	0	0	0
AY22	03/13/97	03/17/97	03/17/97	1	5	0
AY23	02/25/97	02/26/97	02/26/97	0	0	0
AY24	02/27/97	03/03/97	03/03/97	0	0	0
AY25	11/27/96	12/05/96	12/05/96	0	0	0
AY26	12/02/96	12/04/96	12/04/96	0	0	0
AZ15	11/18/96	11/20/96	11/20/96	1	2	3
AZ16	11/18/96	11/20/96	11/20/96	0	2	2
AZ17	11/26/96	12/03/96	12/03/96	3	0	3
AZ18	12/04/96	12/10/96	12/10/96	2	2	4
AZ19	12/11/96	12/16/96	12/16/96	3	0	3
AZ20	12/11/96	12/16/96	12/16/96	1	0	1
AZ21	03/04/97	03/05/97	03/05/97	1	1	2
AZ22	03/04/97	03/05/97	03/05/97	1	1	2
AZ23	02/25/97	02/26/97	02/26/97	1	1	2
AZ24	12/02/96	12/04/96	12/04/96	0	0	0
AZ25	12/02/96	12/04/96	12/04/96	0	0	0
B14	12/03/96	12/11/96	12/11/96	0	0	0
B15	12/03/96	12/11/96	12/11/96	0	1	1
BA15	11/19/96	11/20/96	11/20/96	1	0	1
BA16	11/19/96	11/20/96	11/20/96	1	1	2
BA17	11/26/96	12/03/96	12/03/96	2	1	3
BA18	12/04/96	12/10/96	12/10/96	1	1	2
BA19	12/11/96	12/16/96	12/16/96	4	0	4
BA20	12/12/96	12/16/96	12/16/96	0	0	0
BA21	02/25/97	02/26/97	02/26/97	0	1	1
BA22	02/25/97	02/26/97	02/26/97	0	1	1

	DATE	DATE PASS	DATE PASS COE	OE SCRAP	NON OE	TOTAL
GRID	SWEPT	HFA QC	QA (CEHNC 94B)	(INERT)	SCRAP	SCRAP
BA23	02/25/97	02/26/97	02/26/97	0	0	0
BA24	12/02/96	12/04/96	12/04/96	4	0	4
BA25	12/02/96	12/04/96	12/04/96	0	0	0
BB16	11/19/96	11/20/96	11/20/96	0	0	0
BB17	11/26/96	12/03/96	12/03/96	1	2	3
BB18	12/04/96	12/10/96	12/10/96	2	0	2
BB19	02/24/97	02/25/97	02/25/97	0	0	0
BB20	02/24/97	02/25/97	02/25/97	0	1	1
BB21	02/24/97	02/25/97	02/25/97	0	0	0
BB22	02/24/97	02/25/97	02/25/97	0	1	1
BB23	02/25/97	02/26/97	02/26/97	1	1	2
BB24	12/02/96	12/04/96	12/04/96	0	0	0
BC16	11/20/96	11/20/96	11/20/96	0	0	0
BC17	11/26/96	12/03/96	12/03/96	0	1	1
BC18	11/27/96	12/03/96	12/03/96	0	0	0
BC19	02/20/97	02/25/97	02/25/97	0	0	0
BC20	02/20/97	02/25/97	02/25/97	0	4	4
BC21	02/20/97	02/25/97	02/25/97	0	0	0
BC22	02/24/97	02/25/97	02/25/97	0	1	1
BC23	12/02/96	12/04/96	12/04/96	2	0	2
BC24	12/02/96	12/04/96	12/04/96	2	2	4
BD17	11/26/96	12/03/96	12/03/96	0	1	1
BD18	11/26/96	12/03/96	12/03/96	0	1	1
BD19	02/19/97	02/20/97	02/20/97	0	1	1
BD20	02/19/97	02/20/97	02/20/97	0	1	1
BD21	02/19/97	02/20/97	02/20/97	0	0	0
BD22	02/20/97	02/25/97	02/25/97	0	1	1
BD23	12/02/96	12/04/96	12/04/96	1	0	1
BD24	12/03/96	12/05/96	12/05/96	0	0	0
BE18	12/04/96	12/10/96	12/10/96	3	1	4
BE19	02/18/97	02/20/97	02/20/97	0	1	1
BE20	02/18/97	02/20/97	02/20/97	0	1	1
BE21	02/19/97	02/20/97	02/20/97	0	0	0
BE22	02/19/97	12/18/97	12/18/97	0	2	2
BE23	12/02/96	12/04/96	12/04/96	0	1	1
BF18	12/04/96	12/10/96	12/10/96	1	0	1

	DATE	DATE PASS	DATE PASS COE	OE SCRAP	NON OE	TOTAL
GRID	SWEPT	HFA QC	QA (CEHNC 948)	(INERT)	SCRAP	SCRAP
BF19	02/18/97	02/20/97	02/20/97	0	1	1
BF20	02/18/97	02/20/97	02/20/97	0	1	1
BF22	12/02/96	12/04/96	12/04/96	0	0	0
BF23	12/03/96	12/05/96	12/05/96	0	0	0
BG19	02/18/97	02/20/97	02/20/97	0	1	1
C14	12/03/96	12/11/96	12/11/96	0	0	0
C15	12/03/96	12/11/96	12/11/96	0	1	1
C21	01/27/97	01/28/97	01/28/97	0	2	2
D13	12/03/96	12/11/96	12/11/96	2	0	2
D14	12/03/96	12/11/96	12/11/96	0	0	0
D15	12/03/96	12/11/96	12/11/96	0	4	4
D16	12/03/96	12/11/96	12/11/96	0	2	2
D21	01/27/97	01/28/97	01/28/97	1	0	1
D22	01/27/97	01/28/97	01/28/97	0	3	3
E12	12/02/96	12/11/96	12/11/96	0	0	0
E13	12/04/96	12/11/96	12/11/96	0	0	0
E14	12/04/96	12/11/96	12/11/96	0	1	1
E15	01/29/97	01/30/97	01/30/97	0	0	0
E16	01/28/97	01/29/97	01/29/97	0	1	1
E20	01/27/97	01/28/97	01/28/97	0	4	4
E21	02/19/97	02/27/97	02/27/97	0	0	0
E22	01/27/97	01/28/97	01/28/97	0	0	0
F12	12/02/96	12/11/96	12/11/96	0	0	0
F13	12/04/96	12/11/96	12/11/96	1	2	3
F14	12/04/96	12/11/96	12/11/96	1	1	2
F15	03/17/97	12/18/97	12/18/97	0	0	0
F16	01/29/97	01/30/97	01/30/97	0	3	3
F17	01/28/97	01/29/97	01/29/97	0	2	2
F19	01/28/97	01/29/97	01/29/97	0	0	0
F20	02/03/97	02/04/97	02/04/97	6	10	16
F21	02/04/97	02/06/97	02/06/97	0	3	3
F22	02/03/97	02/04/97	02/04/97	0	6	6
G11	11/13/96	11/18/96	11/18/96	0	1	1
G12	12/05/96	12/11/96	12/11/96	0	2	2
G13	12/04/96	12/11/96	12/11/96	0	1	1
G14	03/17/97	12/18/97	12/18/97	0	0	0

	DATE	DATE PASS	DATE PASS COE	OE SCRAP	NON OE	TOTAL
GRID	SWEPT	HFA QC	QA (CEHNC 948)	(INERT)	SCRAP	SCRAP
G15	03/17/97	12/18/97	12/18/97	0	1	1
G16	03/17/97	03/17/97	03/17/97	0	0	0
G17	01/29/97	01/30/97	01/30/97	0	0	0
G18	02/03/97	02/04/97	02/04/97	0	2	2
G19	01/28/97	01/29/97	01/29/97	1	0	1
G20	02/04/97	02/06/97	02/06/97	0	2	2
G21	02/11/97	02/19/97	02/19/97	0	1	1
G22	01/28/97	01/29/97	01/29/97	2	0	2
H10	02/18/97	02/27/97	02/27/97	0	0	0
H11	11/13/96	11/18/96	11/18/96	0	0	0
H12	12/05/96	12/11/96	12/11/96	1	1	2
H13	12/09/96	12/10/96	12/10/96	1	0	1
H14	03/17/97	12/18/97	12/18/97	0	1	1
H15	03/17/97	12/18/97	12/18/97	0	1	1
H16	01/30/97	02/03/97	02/03/97	0	0	0
H17	01/29/97	01/30/97	01/30/97	1	0	1
H18	01/28/97	01/29/97	01/29/97	0	3	3
H19	02/04/97	02/06/97	02/06/97	0	5	5
H20	02/11/97	02/19/97	02/19/97	0	0	0
H21	02/11/97	02/19/97	02/19/97	0	3	3
H22	02/06/97	02/11/97	02/11/97	0	2	2
H23	01/28/97	01/29/97	01/29/97	0	0	0
J10	12/04/96	12/10/96	12/10/96	0	0	0
J11	11/13/96	11/18/96	11/18/96	0	0	0
J12	12/05/96	12/11/96	12/11/96	0	0	0
J13	12/09/96	12/10/96	12/10/96	1	0	1
J14	03/17/97	12/18/97	12/18/97	0	1	1
J15	03/17/97	12/18/97	12/18/97	0	0	0
J16	01/30/97	02/03/97	02/03/97	0	3	3
J17	02/25/97	02/27/97	02/27/97	0	0	0
J18	02/04/97	02/06/97	02/06/97	0	2	2
J19	02/06/97	02/11/97	02/11/97	0	2	2
J20	02/18/97	02/19/97	02/19/97	0	1	1
J21	02/11/97	02/19/97	02/19/97	0	3	3
J22	02/06/97	02/11/97	02/11/97	1	2	3
J23	01/28/97	01/29/97	01/29/97	0	1	1

	DATE	DATE PASS	DATE PASS COE	OE SCRAP	NON OE	TOTAL
GRID	SWEPT	HFA QC	QA (CEHNC 948)	(INERT)	SCRAP	SCRAP
K10	12/04/96	12/10/96	12/10/96	0	0	0
K11	11/13/96	11/18/96	11/18/96	0	1	1
K12	12/05/96	12/11/96	12/11/96	0	3	3
K13	12/09/96	12/10/96	12/10/96	0	2	2
K14	02/19/97	02/27/97	02/27/97	2	1	3
K15	01/23/97	12/18/97	12/18/97	0	2	2
K16	01/30/97	02/03/97	02/03/97	1	1	2
K17	02/25/97	02/27/97	02/27/97	1	1	2
K18	02/05/97	02/06/97	02/06/97	0	1	1
K19	02/06/97	02/11/97	02/11/97	0	3	3
K20	02/18/97	02/19/97	02/19/97	1	0	1
K21	02/12/97	02/18/97	02/18/97	0	1	1
K22	02/06/97	02/11/97	02/11/97	0	2	2
K23	02/04/97	02/06/97	02/06/97	0	4	4
L09	12/10/96	12/11/96	12/11/96	1	0	1
L10	12/04/96	12/10/96	12/10/96	0	1	1
L11	11/13/96	11/18/96	11/18/96	0	0	0
L12	12/10/96	12/11/96	12/11/96	0	2	2
L13	12/09/96	12/10/96	12/10/96	0	2	2
L14	03/17/97	03/17/97	03/17/97	0	0	0
L15	01/23/97	12/18/97	12/18/97	0	2	2
L16	02/25/97	12/18/97	12/18/97	0	1	1
L17	02/25/97	02/27/97	02/27/97	0	1	1
L18	02/05/97	02/06/97	02/06/97	0	1	1
L19	02/06/97	02/11/97	02/11/97	0	2	2
L20	02/18/97	02/19/97	02/19/97	1	0	1
L21	02/12/97	02/18/97	02/18/97	0	1	1
L22	02/06/97	02/11/97	02/11/97	0	2	2
L23	02/04/97	02/06/97	02/06/97	2	2	4
L24	01/28/97	01/29/97	01/29/97	0	0	0
M09	12/10/96	12/11/96	12/11/96	0	0	0
M10	12/04/96	12/10/96	12/10/96	0	1	1
M11	11/13/96	11/18/96	11/18/96	0	0	0
M12	12/10/96	12/11/96	12/11/96	1	4	5
M13	12/10/96	12/10/96	12/10/96	2	0	2
M14	03/17/97	03/17/97	03/17/97	0	0	0

	DATE	DATE PASS	DATE PASS COE	OE SCRAP	NON OE	TOTAL
GRID	SWEPT	HFA QC	QA (CEHNC 948)	(INERT)	SCRAP	SCRAP
M15	01/23/97	12/18/97	12/18/97	2	5	7
M16	03/17/97	12/18/97	12/18/97	0	3	3
M17	02/13/97	02/18/97	02/18/97	0	0	0
M18	02/05/97	02/06/97	02/06/97	0	0	0
M19	02/06/97	02/11/97	02/11/97	0	1	1
M20	02/20/97	02/25/97	02/25/97	0	0	0
M21	02/12/97	02/18/97	02/18/97	2	1	3
M22	02/10/97	02/11/97	02/11/97	2	0	2
M23	02/04/97	02/06/97	02/06/97	0	2	2
M24	01/28/97	01/29/97	01/29/97	0	5	5
N09	12/10/96	12/11/96	12/11/96	1	0	1
N10	12/04/96	12/10/96	12/10/96	0	1	1
N11	11/13/96	11/18/96	11/18/96	0	0	0
N12	12/10/96	12/11/96	12/11/96	1	2	3
N13	12/10/96	12/11/96	12/11/96	0	0	0
N14	03/17/97	03/17/97	03/17/97	0	0	0
N15	01/22/97	01/23/97	01/23/97	0	1	1
N16	03/17/97	12/18/97	12/18/97	1	0	1
N17	02/13/97	02/18/97	02/18/97	0	1	1
N18	02/05/97	02/06/97	02/06/97	0	0	0
N19	02/06/97	02/11/97	02/11/97	0	1	1
N20	02/20/97	02/25/97	02/25/97	0	0	0
N21	02/12/97	02/18/97	02/18/97	0	0	0
N22	02/10/97	02/11/97	02/11/97	0	2	2
N23	02/04/97	02/06/97	02/06/97	0	5	5
N24	01/29/97	01/30/97	01/30/97	0	0	0
P09	12/10/96	12/11/96	12/11/96	0	0	0
P10	12/05/96	12/10/96	12/10/96	0	1	1
P11	11/13/96	11/18/96	11/18/96	0	0	0
P12	02/27/97	03/03/97	03/03/97	1	1	2
P13	01/15/97	01/16/97	01/16/97	1	0	1
P14	03/17/97	03/17/97	03/17/97	0	0	0
P15	01/22/97	01/23/97	01/23/97	0	1	1
P16	03/17/97	12/18/97	12/18/97	0	0	0
P17	02/13/97	02/18/97	02/18/97	0	0	0
P18	02/05/97	02/06/97	02/06/97	0	0	0

	DATE	DATE PASS	DATE PASS COE	OE SCRAP	NON OE	TOTAL
GRID	SWEPT	HFA QC	QA (CEHNC 948)	(INERT)	SCRAP	SCRAP
P19	02/10/97	02/11/97	02/11/97	0	2	2
P20	02/20/97	02/25/97	02/25/97	0	0	0
P21	02/12/97	02/18/97	02/18/97	0	1	1
P22	02/10/97	02/11/97	02/11/97	0	2	2
P23	02/05/97	02/06/97	02/06/97	0	1	1
P24	02/03/97	02/04/97	02/04/97	0	1	1
P25	01/27/97	01/28/97	01/28/97	0	0	0
R09	12/10/96	12/11/96	12/11/96	0	0	0
R10	12/05/96	12/10/96	12/10/96	0	1	1
R11	11/14/96	11/18/96	11/18/96	0	0	0
R12	02/27/97	03/03/97	03/03/97	1	1	2
R13	01/15/97	01/16/97	01/16/97	1	3	4
R14	03/17/97	03/17/97	03/17/97	0	0	0
R15	01/22/97	01/23/97	01/23/97	0	2	2
R16	03/17/97	12/18/97	12/18/97	0	0	0
R17	02/13/97	02/18/97	02/18/97	5	1	6
R18	02/10/97	02/13/97	02/13/97	0	3	3
R19	02/10/97	02/11/97	02/11/97	1	1	2
R20	02/24/97	02/25/97	02/25/97	0	0	0
R21	02/12/97	02/18/97	02/18/97	0	1	1
R22	02/10/97	02/11/97	02/11/97	0	2	2
R23	02/05/97	02/06/97	02/06/97	0	1	1
R24	02/03/97	02/04/97	02/04/97	0	3	3
R25	01/27/97	01/28/97	01/28/97	0	0	0
S08	02/04/97	02/05/97	02/05/97	0	0	0
S09	12/11/96	12/11/96	12/11/96	1	0	1
S10	12/05/96	12/10/96	12/10/96	0	1	1
S11	11/14/96	11/18/96	11/18/96	0	0	0
S12	02/27/97	03/03/97	03/03/97	1	1	2
S13	01/15/97	01/16/97	01/16/97	0	5	5
S14	01/15/97	01/16/97	01/16/97	2	0	2
S15	01/22/97	01/23/97	01/23/97	2	0	2
S16	03/17/97	12/18/97	12/18/97	0	0	0
S17	02/13/97	02/18/97	02/18/97	2	1	3
S18	02/11/97	02/13/97	02/13/97	1	3	4
S19	02/10/97	02/11/97	02/11/97	0	1	1

	DATE	DATE PASS	DATE PASS COE	OE SCRAP	NON OE	TOTAL
GRID	SWEPT	HFA QC	QA (CEHNC 948)	(INERT)	SCRAP	SCRAP
S20	02/24/97	02/25/97	02/25/97	0	0	0
S21	02/13/97	02/18/97	02/18/97	0	1	1
S22	02/10/97	02/11/97	02/11/97	0	2	2
S23	02/05/97	02/06/97	02/06/97	0	1	1
S24	02/03/97	02/04/97	02/04/97	0	5	5
S25	01/29/97	01/30/97	01/30/97	0	0	0
T08	12/17/96	12/17/96	12/17/96	0	0	0
T09	12/11/96	12/11/96	12/11/96	1	0	1
T10	12/05/96	12/10/96	12/10/96	1	1	2
T11	11/14/96	11/18/96	11/18/96	2	0	2
T12	02/27/97	03/03/97	03/03/97	1	1	2
T13	01/15/97	01/16/97	01/16/97	0	0	0
T14	01/14/97	01/15/97	01/15/97	0	0	0
T15	01/22/97	01/23/97	01/23/97	0	5	5
T16	03/17/97	12/18/97	12/18/97	1	0	1
T17	02/11/97	02/18/97	02/18/97	1	2	3
T18	02/11/97	02/13/97	02/13/97	0	6	6
T19	02/10/97	02/11/97	02/11/97	0	2	2
T20	02/24/97	02/25/97	02/25/97	0	1	1
T21	02/13/97	02/18/97	02/18/97	0	1	1
T22	02/10/97	02/11/97	02/11/97	0	3	3
T23	02/05/97	02/06/97	02/06/97	0	3	3
T24	02/19/97	02/27/97	02/27/97	0	0	0
T25	01/29/97	01/30/97	01/30/97	0	1	1
U08	12/17/96	12/17/96	12/17/96	0	0	0
U09	12/11/96	12/11/96	12/11/96	0	0	0
U10	12/05/96	12/10/96	12/10/96	0	1	1
U11	11/14/96	11/18/96	11/18/96	0	0	0
U12	01/21/97	01/22/97	01/22/97	2	3	5
U13	01/15/97	01/16/97	01/16/97	0	0	0
U14	01/14/97	01/15/97	01/15/97	1	4	5
U15	01/22/97	01/23/97	01/23/97	0	3	3
U16	03/17/97	12/18/97	12/18/97	2	0	2
U17	02/11/97	02/18/97	02/18/97	0	2	2
U18	02/11/97	02/13/97	02/13/97	0	1	1
U19	02/10/97	02/11/97	02/11/97	0	2	2

	DATE	DATE PASS	DATE PASS COE	OE SCRAP	NON OE	TOTAL
GRID	SWEPT	HFA QC	QA (CEHNC 949)	(INERT)	SCRAP	SCRAP
U20	02/24/97	02/25/97	02/25/97	0	0	0
U21	02/13/97	02/18/97	02/18/97	0	1	1
U22	02/10/97	02/11/97	02/11/97	0	3	3
U23	02/05/97	02/06/97	02/06/97	0	5	5
U24	01/30/97	02/04/97	02/04/97	0	3	3
U25	01/27/97	01/28/97	01/28/97	0	3	3
U26	01/27/97	01/28/97	01/28/97	0	0	0
V08	12/17/96	12/17/96	12/17/96	1	0	1
V09	12/11/96	12/11/96	12/11/96	0	0	0
V10	12/09/96	12/10/96	12/10/96	1	0	1
V11	11/14/96	11/18/96	11/18/96	2	0	2
V12	01/21/97	01/22/97	01/22/97	2	3	5
V13	01/15/97	01/16/97	01/16/97	0	3	3
V14	01/14/97	01/15/97	01/15/97	2	0	2
V15	12/11/96	12/11/96	12/11/96	0	0	0
V16	12/12/96	12/16/96	12/16/96	0	0	0
V17	01/13/97	01/14/97	01/14/97	0	10	10
V18	02/11/97	02/13/97	02/13/97	0	3	3
V19	02/10/97	02/11/97	02/11/97	0	1	1
V20	02/24/97	02/25/97	02/25/97	0	0	0
V21	02/13/97	02/18/97	02/18/97	0	1	1
V22	02/11/97	02/27/97	02/27/97	0	3	3
V23	02/06/97	02/11/97	02/11/97	0	4	4
V24	01/30/97	02/04/97	02/04/97	0	4	4
V25	01/27/97	01/28/97	01/28/97	0	2	2
V26	11/27/96	12/03/96	12/03/96	0	0	0
W08	12/17/96	12/17/96	12/17/96	1	0	1
W09	12/11/96	12/17/96	12/17/96	0	0	0
W10	12/09/96	12/10/96	12/10/96	1	1	2
W11	11/14/96	11/18/96	11/18/96	0	0	0
W12	02/26/97	02/27/97	02/27/97	0	1	1
W13	01/16/97	01/22/97	01/22/97	0	5	5
W14	01/14/97	01/15/97	01/15/97	1	2	3
W15	12/11/96	12/11/96	12/11/96	0	2	2
W16	12/12/96	12/16/96	12/16/96	1	0	1
W17	01/13/97	01/14/97	01/14/97	0	0	0

	DATE	DATE PASS	DATE PASS COE	OE SCRAP	NON OE	TOTAL
GRID	SWEPT	HFA QC	QA (CEHNC 948)	(INERT)	SCRAP	SCRAP
W18	01/13/97	01/14/97	01/14/97	0	5	5
W19	01/13/97	01/14/97	01/14/97	0	0	0
W20	02/25/97	02/27/97	02/27/97	0	0	0
W21	02/13/97	02/18/97	02/18/97	0	0	0
W22	01/23/97	01/27/97	01/27/97	0	1	1
W23	01/21/97	01/23/97	01/23/97	0	0	0
W24	01/30/97	02/04/97	02/04/97	0	3	3
W25	01/29/97	01/30/97	01/30/97	0	10	10
W26	11/27/96	12/03/96	12/03/96	0	0	0
X07	02/03/97	02/05/97	02/05/97	0	1	1
X08	12/17/96	01/08/97	01/08/97	0	0	0
X09	12/12/96	12/16/96	12/16/96	0	0	0
X10	12/09/96	12/10/96	12/10/96	1	0	1
X11	11/14/96	11/18/96	11/18/96	0	2	2
X12	02/26/97	02/27/97	02/27/97	1	1	2
X13	01/16/97	01/22/97	01/22/97	2	4	6
X14	01/14/97	01/15/97	01/15/97	0	0	0
X15	12/11/96	12/11/96	12/11/96	2	3	5
X16	12/12/96	12/16/96	12/16/96	1	3	4
X17	01/08/97	01/09/97	01/09/97	1	0	1
X18	01/13/97	01/14/97	01/14/97	0	3	3
X19	01/14/97	01/15/97	01/15/97	1	3	4
X20	01/13/97	01/14/97	01/14/97	0	5	5
X21	02/18/97	02/27/97	02/27/97	1	2	3
X22	01/23/97	01/27/97	01/27/97	0	4	4
X23	01/21/97	01/23/97	01/23/97	0	1	1
X24	01/21/97	01/23/97	01/23/97	0	0	0
X25	11/27/96	12/03/96	12/03/96	0	0	0
Y07	01/15/97	01/16/97	01/16/97	0	0	0
Y08	12/17/96	01/08/97	01/08/97	0	0	0
Y09	12/12/96	12/16/96	12/16/96	0	0	0
Y10	12/09/96	12/10/96	12/10/96	1	1	2
Y11	11/18/96	11/18/96	11/18/96	0	0	0
Y12	02/26/97	02/27/97	02/27/97	2	1	3
Y13	01/16/97	01/22/97	01/22/97	0	0	0
Y14	01/14/97	01/15/97	01/15/97	0	5	5

	DATE	DATE PASS	DATE PASS COE	OE SCRAP	NON OE	TOTAL
GRID	SWEPT	HFA QC	QA (CEHNC 948)	(INERT)	SCRAP	SCRAP
Y15	12/11/96	12/16/96	12/16/96	2	10	12
Y16	12/12/96	12/16/96	12/16/96	1	2	3
Y17	01/08/97	01/09/97	01/09/97	5	0	5
Y18	01/10/97	01/13/97	01/13/97	0	2	2
Y19	01/10/97	01/13/97	01/13/97	0	5	5
Y20	01/13/97	01/21/97	01/21/97	1	0	1
Y21	01/23/97	01/27/97	01/27/97	0	0	0
Y22	01/23/97	01/27/97	01/27/97	0	2	2
Y23	01/21/97	01/23/97	01/23/97	0	0	0
Y24	11/27/96	12/03/96	12/03/96	0	0	0
Y25	01/21/97	12/04/96	12/04/96	0	0	0
Z07	01/15/97	01/16/97	01/16/97	0	0	0
Z08	12/17/96	01/08/97	01/08/97	0	1	1
Z09	12/12/96	12/16/96	12/16/96	1	0	1
Z10	12/09/96	12/10/96	12/10/96	1	0	1
Z11	11/18/96	11/18/96	11/18/96	5	0	5
Z12	01/16/97	01/22/97	01/22/97	1	5	6
Z13	01/16/97	01/22/97	01/22/97	1	3	4
Z14	01/16/97	01/22/97	01/22/97	4	15	19
Z15	12/11/96	12/16/96	12/16/96	1	15	16
Z16	12/12/96	12/16/96	12/16/96	0	6	6
Z17	01/08/97	01/09/97	01/09/97	3	0	3
Z18	01/09/97	01/10/97	01/10/97	0	3	3
Z19	01/10/97	01/13/97	01/13/97	0	3	3
Z20	01/22/97	01/23/97	01/23/97	1	0	1
Z21	01/22/97	01/23/97	01/23/97	0	1	1
Z22	01/23/97	01/27/97	01/27/97	0	2	2
Z23	11/27/96	12/03/96	12/03/96	0	0	0
Z24	12/02/96	12/04/96	12/04/96	0	0	0
				927	1815	2736

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 3 DEC 96 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: Camp Croft, SC
DO #: 0019

SUBJECT ITEM(S) (Check all that apply):
 Work Plan Quality Control
 Safety Violation Other
 Safety Comments

DESCRIPTION: QA'd AND PASSED THE
following Grids in AREA 004-2
17AY, 17AZ, 17BA, 17BB, 17BC, 17BD, 17BC, 17AR
17AP, 17AN, 17AM, 12AF, 12AE, 12AD, 12AU, 12AT
12AC, 12AS, 12AB, 12AP, 12AN, 12AM, 12AL
18AM, 18AN, 18AP, 18AR, 18AS, 18AT, 26W, 26V
25X, 24Y, 23Z, 23AA, 22AA, 22AB, 21AC, 20AD

Prompt correction or compliance with contract specifications is requested.
Randy Hines
 USACE Site Representative

RECEIPT ACKNOWLEDGED: R. Raes
 Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 4 DEC 96 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: Camp Croft SC
DO #: 0019

SUBJECT ITEM(S) (Check all that apply):
 Work Plan Quality Control
 Safety Violation Other
 Safety Comments

DESCRIPTION: QA'd and passed the following
Grids in AREA 004-2. 19AE, 26AW, 26AX
25AX, 20AE, 21AD, 24Z, 19AF, 25AZ, 26AY,
25BA, 24AZ, 24BA, 24BB, 24BC, 23BD,
23BE, 22BF, 23BC, 25Y, 11AS, 11AR,
11AP, 11AN, 11AM, 11AL, 11AK, 11AJ, 11AH,
10AG, 10AH, 10AJ, 10AK, 10AL, 10AM, 10AN, 10AP

Prompt correction or compliance with contract specifications is requested.
Randy Hines
 USACE Site Representative

RECEIPT ACKNOWLEDGED: R. Raes
 Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 12/5/94 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: Camp Croft, SC
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QAI CONDUCTED ON THE
following grids: 25AY, 23BF, 24BD
18AU, 18AV, 18AW, 18AX, 18AY.
Total - 8 grids Accepted.
Nothing follows

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 10 DEC 96 TIME: 1625

CONTRACT NUMBER: DACA-87-94D PROJECT LOCATION: CAMP CROFT, SC
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QAI CONDUCTED ON THE
FOLLOWING GRIDS: 10 J, K, L, M, N, P, R
S, T, U, V, W, X, Y, Z; 18 AZ, BA,
BB, BE, BF, AC; 19 AR, AS, AT, AU,
20 AS, AT, AU, AV, AW; 21 AB; 13 H,
J, K, L, M TOTAL 36 GRIDS IN AREA
00U-2 / - NOTHING FOLLOWS

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

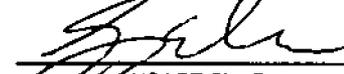
TO: HFA DATE: 11 Dec 96 TIME: 1535

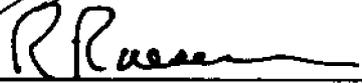
CONTRACT NUMBER: DACA-87-94D PROJECT LOCATION: CAMP CROFT, SC
DO #: 0019

- SUBJECT ITEM(S)** (Check all that apply):
- Work Plan Quality Control
 Safety Violation Other
 Safety Comments

DESCRIPTION: QAI CONDUCTED ON THE
FOLLOWING GRIDS IN AREA OOU-2:
12 E, F, G, H, J, K, L, M, N; 13 C,
D, E, F, G, N; 14 B, C, D, E, F; 15
B, C, D; 16 D; 20 AR; 19 AV, AW,
AX, AY; 9 L, M, N, R, P, S, T, U, V,
15 V, W, X; TOTAL 41 GRIDS

Prompt correction or compliance with contract specifications is requested.


USACE Site Representative

RECEIPT ACKNOWLEDGED: 
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

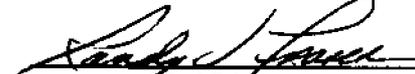
TO: HFA DATE: 12/16/96 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: Camp Croft, SC
DO #: 0019

- SUBJECT ITEM(S)** (Check all that apply):
- Work Plan Quality Control
 Safety Violation Other
 Safety Comments

DESCRIPTION: QAI and Passed 24 grids
in Area OOU-2: 9AD, 9AC, 9AB,
9AA, 9Z, 9Y, 9X, 15Y, 15Z, 16V, 16W,
16X, 16Y, 16Z, 20BA, 19AP, 19AN,
20AP, 20AN, 19AZ, 19BA, 20AX, 20AY
20AZ — Nothing Follows,

Prompt correction or compliance with contract specifications is requested.


USACE Site Representative

RECEIPT ACKNOWLEDGED: 
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: <i>HFA</i>	DATE: <i>12/17/96</i>	TIME:
CONTRACT NUMBER: <i>DACA-87-94-D</i>	PROJECT LOCATION: <i>Camp Croft, SC</i>	
DO #: <i>0019</i>		

- SUBJECT ITEM(S) (Check all that apply):
- | | |
|---|---|
| <input type="checkbox"/> Work Plan | <input type="checkbox"/> Quality Control |
| <input type="checkbox"/> Safety Violation | <input checked="" type="checkbox"/> Other |
| <input type="checkbox"/> Safety Comments | |

DESCRIPTION: *QA'd and Passed 17 Grids
in Area 004-2: 9W, 9AP, 9AN, 9AM,
9AL, 9AK, 9AJ, 9AH, 19AM, 20AM, 21AM,
21AN, 21AP, 8T, 8U, 8V, 8W,
Nothing Follows*

Prompt correction or compliance with contract specifications is requested.

Randy J. Hance
USACE Site Representative

RECEIPT ACKNOWLEDGED: *R. Hance*
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: <i>HFA</i>	DATE: <i>1/8/97</i>	TIME:
CONTRACT NUMBER: <i>DACA-87-94-D</i>	PROJECT LOCATION: <i>Camp Croft, SC</i>	
DO #: <i>0019</i>		

- SUBJECT ITEM(S) (Check all that apply):
- | | |
|---|---|
| <input type="checkbox"/> Work Plan | <input type="checkbox"/> Quality Control |
| <input type="checkbox"/> Safety Violation | <input checked="" type="checkbox"/> Other |
| <input type="checkbox"/> Safety Comments | |

DESCRIPTION: *QA'd and accepted 31 Grids
in Area 004-2: 8AA, 8AB, 8AC, 8AD,
8AL, 8AM, 8AN, 8AP, 8AR, 8AS, 8AT, 8AU,
8X, 8Y, 8Z, 16AA, 16AC, 17AB, 17AC, 17AD,
17AE, 18AE, 19AL, 19AK, 19AJ, 19AH,
21AR, 21AS, 21AT, 21AU, 21AV.
Nothing Follows*

Prompt correction or compliance with contract specifications is requested.

Randy J. Hance
USACE Site Representative

RECEIPT ACKNOWLEDGED: *R. Hance*
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 1/9/97 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION:

DO #: 0019 Camp Croft, SC

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'd and accepted 15 Grids
in Area 00U-2: 17X, 174, 17Z, 17AA,
15AA, 16AB, 15AB, 15AC, 15AD, 15AE,
7AV, 7AU, 7AT, 7AS, 7AR.
Nothing follows

Prompt correction or compliance with contract specifications is requested.

Reedy J. Lane
USACE Site Representative

RECEIPT ACKNOWLEDGED: *R. Ruess*
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 1/10/97 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION:

DO #: 0019 Camp Croft, SC

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'd and accepted 15 Grids
in Area 00U-2: 18AD, 18AA, 18Z, 18AB,
11AG, 11AF, 11AE, 11AD, 11AC, 19AB,
19AC, 19AG, 20AG, 20AH, 20AJ.
Nothing follows

Prompt correction or compliance with contract specifications is requested.

Reedy J. Lane
USACE Site Representative

RECEIPT ACKNOWLEDGED: *R. Ruess*
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 1/18/97 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: Camp Croft, SC
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'd and accepted 17 Qrds in
Area 0014-2: 19Z, 19AA, 19AD, 19Y, 18Y,
20AK, 21AK, 22AK, 20AL, 21AL, 21AJ,
10AA, 10AB, 10AC, 10AD, 10AE, 10AF
- Nothing Follows -

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 1/14/97 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: Camp Croft, SC
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'd and accepted 19 Qrds in
18AG, 18AH, 18AT, 18AK, 18AL, 17AL,
17AK, 9AG, 9AF, 9AE, 8AE, 8AF, 20X
17V, 18W, 19W, 12Y, 17W, 18X
- Nothing Follows -

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 1/15/97 TIME:

CONTRACT NUMBER: DACA 87-94-D PROJECT LOCATION: Camp Croft, SC
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'd and accepted 21 Grids in Area COU-2: 7AP, 7AN, 7AM, 8AG, 8AH, 8AJ, 8AK, 14Y, 14X, 14W, 14V, 14U, 14T, 15AL, 15AK, 15AJ, 16AJ, 16AK, 16AL, 17AJ, 19X. — Nothing follows —

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: R. Rauer
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 1/16/97 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: Camp Croft, SC
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'd and accepted 21 Grids in AREA COU-2: Y7, Z7, AA7, AB7, AC7, AD7, AE7, S14, S13, P13, R13, T13, U13, V13, AD16, AE16, AF16, AG16, AG17, AF17, AF18. — NOTHING FOLLOWS —

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HTA **DATE:** 23 JAN 94 **TIME:** 1300

CONTRACT NUMBER: DACA-87-94D
PROJECT LOCATION: CAMP COLT, SC
DO #: 0019

- SUBJECT ITEM(S)** (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'D AND ACCEPTED RECORDS
IN AREA COLT-2: 2AX, 3AX, 3AT, 3AU,
3AV, 3AW, 3AX, 3AY, 3AZ, 3BA,
3BB, 3BC, 3BD, 3BE, 3BF, 3BG,
3BH, 3BI, 3BJ, 3BK, 3BL, 3BM,
3BN, 3BO, 3BP, 3BQ, 3BR, 3BS,
3BT, 3BU, 3BV, 3BW, 3BX, 3BY, 3BZ,
3CA, 3CB, 3CC, 3CD, 3CE, 3CF,
3CG, 3CH, 3CI, 3CJ, 3CK, 3CL,
3CM, 3CN, 3CO, 3CP, 3CQ, 3CR,
3CS, 3CT, 3CU, 3CV, 3CW, 3CX,
3CY, 3CZ, 3DA, 3DB, 3DC, 3DD,
3DE, 3DF, 3DG, 3DH, 3DI, 3DJ,
3DK, 3DL, 3DM, 3DN, 3DO, 3DP,
3DQ, 3DR, 3DS, 3DT, 3DU, 3DV,
3DW, 3DX, 3DY, 3DZ, 3EA, 3EB,
3EC, 3ED, 3EE, 3EF, 3EG, 3EH,
3EI, 3EJ, 3EK, 3EL, 3EM, 3EN,
3EO, 3EP, 3EQ, 3ER, 3ES, 3ET,
3EU, 3EV, 3EW, 3EX, 3EY, 3EZ,
3FA, 3FB, 3FC, 3FD, 3FE, 3FF,
3FG, 3FH, 3FI, 3FJ, 3FK, 3FL,
3FM, 3FN, 3FO, 3FP, 3FQ, 3FR,
3FS, 3FT, 3FU, 3FV, 3FW, 3FX,
3FY, 3FZ, 3GA, 3GB, 3GC, 3GD,
3GE, 3GF, 3GG, 3GH, 3GI, 3GJ,
3GK, 3GL, 3GM, 3GN, 3GO, 3GP,
3GQ, 3GR, 3GS, 3GT, 3GU, 3GV,
3GW, 3GX, 3GY, 3GZ, 3HA, 3HB,
3HC, 3HD, 3HE, 3HF, 3HG, 3HH,
3HI, 3HJ, 3HK, 3HL, 3HM, 3HN,
3HO, 3HP, 3HQ, 3HR, 3HS, 3HT,
3HU, 3HV, 3HW, 3HX, 3HY, 3HZ,
3IA, 3IB, 3IC, 3ID, 3IE, 3IF, 3IG,
3IH, 3II, 3IJ, 3IK, 3IL, 3IM, 3IN,
3IO, 3IP, 3IQ, 3IR, 3IS, 3IT, 3IU,
3IV, 3IW, 3IX, 3IY, 3IZ, 3JA, 3JB,
3JC, 3JD, 3JE, 3JF, 3JG, 3JH,
3JI, 3JJ, 3JK, 3JL, 3JM, 3JN,
3JO, 3JP, 3JQ, 3JR, 3JS, 3JT,
3JU, 3JV, 3JW, 3JX, 3JY, 3JZ,
3KA, 3KB, 3KC, 3KD, 3KE, 3KF,
3KG, 3KH, 3KI, 3KJ, 3KK, 3KL,
3KM, 3KN, 3KO, 3KP, 3KQ, 3KR,
3KS, 3KT, 3KU, 3KV, 3KW, 3KX,
3KY, 3KZ, 3LA, 3LB, 3LC, 3LD,
3LE, 3LF, 3LG, 3LH, 3LI, 3LJ,
3LK, 3LL, 3LM, 3LN, 3LO, 3LP,
3LQ, 3LR, 3LS, 3LT, 3LU, 3LV,
3LW, 3LX, 3LY, 3LZ, 3MA, 3MB,
3MC, 3MD, 3ME, 3MF, 3MG, 3MH,
3MI, 3MJ, 3MK, 3ML, 3MM, 3MN,
3MO, 3MP, 3MQ, 3MR, 3MS, 3MT,
3MU, 3MV, 3MW, 3MX, 3MY, 3MZ,
3NA, 3NB, 3NC, 3ND, 3NE, 3NF,
3NG, 3NH, 3NI, 3NJ, 3NK, 3NL,
3NM, 3NN, 3NO, 3NP, 3NQ, 3NR,
3NS, 3NT, 3NU, 3NV, 3NW, 3NX,
3NY, 3NZ, 3OA, 3OB, 3OC, 3OD,
3OE, 3OF, 3OG, 3OH, 3OI, 3OJ,
3OK, 3OL, 3OM, 3ON, 3OO, 3OP,
3OQ, 3OR, 3OS, 3OT, 3OU, 3OV,
3OW, 3OX, 3OY, 3OZ, 3PA, 3PB,
3PC, 3PD, 3PE, 3PF, 3PG, 3PH,
3PI, 3PJ, 3PK, 3PL, 3PM, 3PN,
3PO, 3PP, 3PQ, 3PR, 3PS, 3PT,
3PU, 3PV, 3PW, 3PX, 3PY, 3PZ,
3QA, 3QB, 3QC, 3QD, 3QE, 3QF,
3QG, 3QH, 3QI, 3QJ, 3QK, 3QL,
3QM, 3QN, 3QO, 3QP, 3QQ, 3QR,
3QS, 3QT, 3QU, 3QV, 3QW, 3QX,
3QY, 3QZ, 3RA, 3RB, 3RC, 3RD,
3RE, 3RF, 3RG, 3RH, 3RI, 3RJ,
3RK, 3RL, 3RM, 3RN, 3RO, 3RP,
3RQ, 3RR, 3RS, 3RT, 3RU, 3RV,
3RW, 3RX, 3RY, 3RZ, 3SA, 3SB,
3SC, 3SD, 3SE, 3SF, 3SG, 3SH,
3SI, 3SJ, 3SK, 3SL, 3SM, 3SN,
3SO, 3SP, 3SQ, 3SR, 3SS, 3ST,
3SU, 3SV, 3SW, 3SX, 3SY, 3SZ,
3TA, 3TB, 3TC, 3TD, 3TE, 3TF,
3TG, 3TH, 3TI, 3TJ, 3TK, 3TL,
3TM, 3TN, 3TO, 3TP, 3TQ, 3TR,
3TS, 3TT, 3TU, 3TV, 3TW, 3TX,
3TY, 3TZ, 3UA, 3UB, 3UC, 3UD,
3UE, 3UF, 3UG, 3UH, 3UI, 3UJ,
3UK, 3UL, 3UM, 3UN, 3UO, 3UP,
3UQ, 3UR, 3US, 3UT, 3UU, 3UV,
3UW, 3UX, 3UY, 3UZ, 3VA, 3VB,
3VC, 3VD, 3VE, 3VF, 3VG, 3VH,
3VI, 3VJ, 3VK, 3VL, 3VM, 3VN,
3VO, 3VP, 3VQ, 3VR, 3VS, 3VT,
3VU, 3VV, 3VW, 3VX, 3VY, 3VZ,
3WA, 3WB, 3WC, 3WD, 3WE, 3WF,
3WG, 3WH, 3WI, 3WJ, 3WK, 3WL,
3WM, 3WN, 3WO, 3WP, 3WQ, 3WR,
3WS, 3WT, 3WU, 3WV, 3WW, 3WX,
3WY, 3WZ, 3XA, 3XB, 3XC, 3XD,
3XE, 3XF, 3XG, 3XH, 3XI, 3XJ,
3XK, 3XL, 3XM, 3XN, 3XO, 3XP,
3XQ, 3XR, 3XS, 3XT, 3XU, 3XV,
3XW, 3XX, 3XY, 3XZ, 3YA, 3YB,
3YC, 3YD, 3YE, 3YF, 3YG, 3YH,
3YI, 3YJ, 3YK, 3YL, 3YM, 3YN,
3YO, 3YP, 3YQ, 3YR, 3YS, 3YT,
3YU, 3YV, 3YW, 3YX, 3YY, 3YZ,
3ZA, 3ZB, 3ZC, 3ZD, 3ZE, 3ZG,
3ZH, 3ZJ, 3ZK, 3ZL, 3ZM, 3ZN,
3ZO, 3ZP, 3ZQ, 3ZR, 3ZS, 3ZT,
3ZU, 3ZV, 3ZW, 3ZX, 3ZY, 3ZZ

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: *[Signature]*
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HTA **DATE:** 27 JAN 94 **TIME:** 1300

CONTRACT NUMBER: DACA-87-94D
PROJECT LOCATION: CAMP COLT, SC
DO #: 0019

- SUBJECT ITEM(S)** (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'D AND ACCEPTED RECORDS
IN AREA COLT-2: 1AU, 1AV, 1AX,
3AS, 3AT, 2AX, 4AV, 4AT, 4AX,
21Y, 22W, 22X, 22Y, 22Z, 1-
NOTHING, FOLLOWED 1-

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: *[Signature]*
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

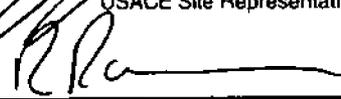
TO: HFA DATE: 28 JAN 97 TIME: 1315

CONTRACT NUMBER: DACA - 87 - 94D PROJECT LOCATION: CAMP CROFT, SC
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'D AND ACCEPTED 19 GRIDS
IN AREA 00U-2 ; 1AV, 3AJ, 3AP,
3AR, 4AH, 6AC, 15AK, 15AL,
15AM; 20E, 21C, 21D, 22D,
22E, 25P, 25U, 25R, 25V, 26U
— NOTHING FOLLOWS —

Prompt correction or compliance with contract specifications is requested.


USACE Site Representative

Contractor's Representative

RECEIPT ACKNOWLEDGED: _____

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 29 JAN 97 TIME: 1515

CONTRACT NUMBER: DACA 87 - 94D PROJECT LOCATION: CAMP CROFT, SC
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'D AND ACCEPTED 14 GRIDS
IN AREA 00U-2 : 5AW, 6AW, 6AD, 6AE,
16E, 17E, 18H, 19E, 11A, 20D,
23H, 23J, 24L, 24H / NOTHING
FOLLOWS

Prompt correction or compliance with contract specifications is requested.


USACE Site Representative

Contractor's Representative

RECEIPT ACKNOWLEDGED: _____

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA **DATE:** 30 JAN 97 **TIME:** 1300

CONTRACT NUMBER: DACA-87-94D
PROJECT LOCATION: Camp Croft, SC
DO #: 0019

- SUBJECT ITEM(S)** (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'd and accepted 9 Grids
in Area OOD-2: 4AU, 4AT, 4AS,
16H, 16J, 16K, 3AN, 3AM, 3AL.
Nothing follows

Prompt correction or compliance with contract specifications is requested.

USACE Site Representative

RECEIPT ACKNOWLEDGED:
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA **DATE:** 2/3/97 **TIME:**

CONTRACT NUMBER: DACA-87-94D
PROJECT LOCATION: Camp Croft, SC
DO #: 0019

- SUBJECT ITEM(S)** (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'd and accepted 9 Grids
in Area OOD-2: 4AU, 4AT, 4AS,
16H, 16J, 16K, 3AN, 3AM, 3AL.
Nothing follows

Prompt correction or compliance with contract specifications is requested.

USACE Site Representative

RECEIPT ACKNOWLEDGED:
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 2/4/97 TIME:

CONTRACT NUMBER: DACA 87-94D PROJECT LOCATION:
DO #: 0019 Camp Croft, SC

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'd and accepted 9 Grids
in Area OOU-2: 24U, 24V, 24W,
24P, 24R, 24S, 18G, 20F, 22F.
Nothing follows

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 2/5/97 TIME:

CONTRACT NUMBER: DACA-87-94D PROJECT LOCATION:
DO #: 0019 Camp Croft, SC

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'd and accepted 7 Grids
in Area OOU-2: AK3, AG6, X7, 58,
AG5, AJ4, AR4.
Nothing follows

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 2/6/97 TIME:

CONTRACT NUMBER: DACA-87-94D PROJECT LOCATION: Camp Croft, SC
DO #: 0019

- SUBJECT ITEM(S)** (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'd and accepted
18 Grids in Area COU-2: 20G, 21F,
19H, 18J, 18K, 18L, 18M, 18N, 18P,
23K, 23L, 23M, 23N, 23P, 23R,
23S, 23T, 23U
— Nothing Follows —

Prompt correction or compliance with contract specifications is requested.

Sandy J. France
USACE Site Representative

RECEIPT ACKNOWLEDGED: *RKa*
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 2/10/97 TIME:

CONTRACT NUMBER: DACA-87-94D PROJECT LOCATION: Camp Croft, SC
DO #: 0019

- SUBJECT ITEM(S)** (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'd and accepted 10
Grids in Area COU-2: AH5, AS5,
AT5, AS6, AT6, AK4, AL4, AM4, AN4,
AP4. — Nothing Follows —

Prompt correction or compliance with contract specifications is requested.

Sandy J. France
USACE Site Representative

RECEIPT ACKNOWLEDGED: *RKa*
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 2/11/97 TIME:

CONTRACT NUMBER: DACA-87-94D PROJECT LOCATION: Camp Croft, SC
DO #: 0019

SUBJECT ITEM(S) (Check all that apply):
 Work Plan Quality Control
 Safety Violation Other
 Safety Comments

DESCRIPTION: PA'd and accepted 23
Grids in area 2: V23, H22, J22,
K22, L22, J19, K19, L19, M19,
N19, M22, N22, P22, R22, S22,
T22, U22, P19, R19, S19, T19,
U19, V19. - Nothing Follows -

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 2/12/97 TIME:

CONTRACT NUMBER: DACA-87-94D PROJECT LOCATION: Camp Croft, SC
DO #: 0019

SUBJECT ITEM(S) (Check all that apply):
 Work Plan Quality Control
 Safety Violation Other
 Safety Comments

DESCRIPTION: PA'd and accepted 6 grids
in area 2: AJ5, AK5, AL5,
AM5, AN5, AP5. -
Nothing Follows -

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 2/13/97 TIME:

CONTRACT NUMBER: DACA-87-94D PROJECT LOCATION:

DO #: 0019 Camp Croft, SC

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan Quality Control
 - Safety Violation Other
 - Safety Comments

DESCRIPTION: QA'd and accepted 11
Grids in Area 00U-2: AH6,
AJ6, AK6, AL6, AM6, AN6,
R18, S18, T18, U18, V18;
Nothing follows

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 2/18/97 TIME:

CONTRACT NUMBER: DACA-87-94D PROJECT LOCATION:

DO #: 0019 Camp Croft, SC

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan Quality Control
 - Safety Violation Other
 - Safety Comments

DESCRIPTION: QA'd and accepted 18
Grids in Area 00U-2-21K, 21L
21M, 21N, 21P, 21R, 21S, 21T, 21U, 21V, 21W,
17M, 17N, 17P, 17R, 17S, 17T, 17U

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 2/19/97 TIME: _____

CONTRACT NUMBER: DACA-87-94D PROJECT LOCATION: Cp Croft
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan Quality Control
 - Safety Violation Other
 - Safety Comments

DESCRIPTION: QA'd and accepted Grids
20H, J, K, L, 21G, H, & J total
of 7 grids in area 0002
Nothing follows

Prompt correction or compliance with contract specifications is requested.

H. Counts
USACE Site Representative

RECEIPT ACKNOWLEDGED: R. Reese
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 2/20/97 TIME: _____

CONTRACT NUMBER: DACA-87-94D PROJECT LOCATION: Cp Croft
DO #: 0019 SC

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan Quality Control
 - Safety Violation Other
 - Safety Comments

DESCRIPTION: QA'd & accepted the following
Grids: 5AR, 5AU, 5AV, 6AP, 6AR, 6AV,
7AL, 19BD, 19BE, 19BF, 19BG, 20BD,
20BE, 20BF, 21BD, and 21BE for a total
of 16 Grids.
Nothing follows

Prompt correction or compliance with contract specifications is requested.

Hank Counts
USACE Site Representative

RECEIPT ACKNOWLEDGED: R. Reese
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 2/25/97 TIME:

CONTRACT NUMBER: DACA87-94-D PROJECT LOCATION: CP Crost SC
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan Quality Control
 - Safety Violation Other
 - Safety Comments

DESCRIPTION: QA'd and accepted the following grids: 19BB, 19BE, 20M, 20N, 20P, 20R, 20S, 20T, 20U, 20V, 21BB, 21BC, 20AA, 20BC, 22BB, 22BE, 22BD, For a total of 17 grids.
Nothing follows

Prompt correction or compliance with contract specifications is requested.

H Counts
USACE Site Representative

RECEIPT ACKNOWLEDGED: R Klassen
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 2/26/97 TIME:

CONTRACT NUMBER: DACA87-94-D PROJECT LOCATION: CP Crost, SC
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan Quality Control
 - Safety Violation Other
 - Safety Comments

DESCRIPTION: QA'd and accepted the following grids: 21BA, 22BA, 22AL, 23BB, 23BA, 23A2, 23B4, 23AM, 23AF, For a total of 10 grids.
Nothing follows

Prompt correction or compliance with contract specifications is requested.

H Counts
USACE Site Representative

RECEIPT ACKNOWLEDGED: R Klassen
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 2/26/97 TIME: 0930HRS

CONTRACT NUMBER: DACA 87-94-D PROJECT LOCATION: CP Craft SC
DO #: 0019 Area 00U-3 14 Grids

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: Per Phoenix with Karl Blankinship
PM. HFA has permission to move ordnance found
in Area 00U-3 that are deemed safe to move to
Area 00U-2 for Demolition. This is so that
underground utilities will not be damaged or
destroyed.

Nothing follows

Prompt correction or compliance with contract specifications is requested.

H Counts
USACE Site Representative

RECEIPT ACKNOWLEDGED: Arnold J. Nicks
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 2/27/97 TIME:

CONTRACT NUMBER: DACA 87-96-D PROJECT LOCATION: CP Craft, SC
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA and accepted the following
grids: 12 AA, 124, 12X, 12W, 13AA,
14AA, 14K, 10H, 17J, 17K, 17L, 20W,
21E, 21X, 22V, 22AM, 23AN, 24AS, 24T,
25AT, 25AV, 26AV.

Nothing follows

Prompt correction or compliance with contract specifications is requested.

H Counts
USACE Site Representative

RECEIPT ACKNOWLEDGED: R Raesen
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

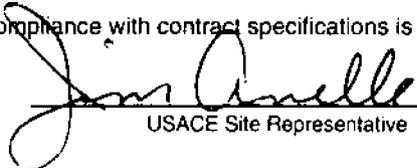
TO: HFN DATE: 2/27/97 TIME:

CONTRACT NUMBER: DACP-87-940 PROJECT LOCATION: Camp Croft
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan Quality Control
 - Safety Violation Other
 - Safety Comments

DESCRIPTION: Per my conversation with Karl Blankenship HFN is authorized to receive explosive from USB or insurance they are properly signed & accounted for

Prompt correction or compliance with contract specifications is requested.


USACE Site Representative

RECEIPT ACKNOWLEDGED: _____
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

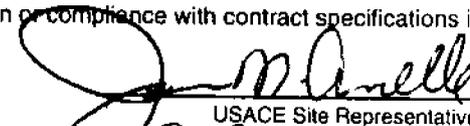
TO: HFN DATE: 3/3/97 TIME: 1300h

CONTRACT NUMBER: DACP-87-94-0 PROJECT LOCATION: Camp Croft. SC
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan Quality Control
 - Safety Violation Other
 - Safety Comments

DESCRIPTION: QA's following guide this date, 12P, 12R, 12S, 12T, 24AY, 24BX, 24AW, 25AW, 25AV - Nothing follows

Prompt correction or compliance with contract specifications is requested.


USACE Site Representative

RECEIPT ACKNOWLEDGED: R. Raes
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 3/4/97 TIME: 1100hr

CONTRACT NUMBER: DACP-87-94-D PROJECT LOCATION: Camp Croft S.C.
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan Quality Control
 - Safety Violation Other
 - Safety Comments

DESCRIPTION: PR'D Following grids in Area 004-2, 24 AT, 24 AU, 24 AV, 23 AW, 23 AX, 23 AV — Nothing Follows

Prompt correction or compliance with contract specifications is requested.

J. M. Anelle
USACE Site Representative

RECEIPT ACKNOWLEDGED: R. Russ
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 3/5/97 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: Camp Croft S.C.
DO #: 0019

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan Quality Control
 - Safety Violation Other
 - Safety Comments

DESCRIPTION: PR'D Following grids 23 AU, 23 AS, 23 AT, 23 AU, 22 AZ, 21 AZ — Nothing Follows

Prompt correction or compliance with contract specifications is requested.

J. M. Anelle
USACE Site Representative

RECEIPT ACKNOWLEDGED: R. Russ
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 17 Mar 96 TIME: 1230

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: Camp Croft
DO #: 0019 S.C

- SUBJECT ITEM(S)** (Check all that apply):
- Work Plan Quality Control
 - Safety Violation Other
 - Safety Comments

DESCRIPTION: QA checked the following
grids in area 0042 - G16, L14, M14,
N14, P14, R14, WY21, AX21, AW21,
AY22, AX22, AW22, AY22, AU22 -
Sent Sten

Prompt correction or compliance with contract specifications is requested.

J. M. Anelli
USACE Site Representative

RECEIPT ACKNOWLEDGED: R. P. [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 18 Mar 97 TIME: 1200hr

CONTRACT NUMBER: DACA-87-94D PROJECT LOCATION: Camp Croft
DO #: 0019 S.C

- SUBJECT ITEM(S)** (Check all that apply):
- Work Plan Quality Control
 - Safety Violation Other
 - Safety Comments

DESCRIPTION: QA checked following grids in
Area 0042 grids 22AN, 22AP, 22AR, 22AS,
22AT, 22BE, 16L, 16M, 16N, 16P, 16R, 16S,
16T, 16U, F15, G15, H15, J15, K15, L15, M15,
14G, 14H, 14J - Sent Sten

Prompt correction or compliance with contract specifications is requested.

J. M. Anelli
USACE Site Representative

RECEIPT ACKNOWLEDGED: R. P. [Signature]
Contractor's Representative

ACTION TAKEN:

Sort				OE SCRAP	NON OE	TOTAL	NUMBER
Order	GRID	TEAM	DATE	(INERT)	SCRAP	SCRAP	DIGS
1	HTA1	1	03/11/97	20	5	25	180
2	HTA2	1	03/11/97	15	7	22	210
3	HTA3	1	03/11/97	5	6	11	125
4	HTA4	1	03/11/97	5	5	10	185
5	HTA5	1	03/12/97	0	0	0	98
6	HTA6	1	03/17/97	1	0	1	0
7	HTA7	1	03/17/97	0	5	5	0
8	HTA8	1	03/17/97	1	0	1	20
9	HTA9	1	03/17/97	0	5	5	18
10	HTA10	1	03/17/97	0	1	1	10
11	HT1	1	03/12/97	0	0	0	20
12	HT2	1	03/12/97	0	0	0	25
13	HT3	1	03/12/97	0	0	0	30
14	HT4	1	03/12/97	0	0	0	25
15	HT5	1	03/12/97	0	0	0	16
16	HT6	1	03/12/97	0	0	0	20
17	HT7	1	03/12/97	0	0	0	80
18	HT8	1	03/12/97	0	0	0	75
19	HT9	1	03/12/97	0	0	0	60
20	HT10	1	03/13/97	10	2	12	85
21	HT11	1	03/13/97	5	3	8	75
22	HT12	1	03/13/97	3	5	8	80
23	HT13	1	03/06/97	32	20	52	312
24	HT14	1	03/06/97	8	10	18	218
25	HT15	1	03/05/97	15	10	25	187
26	HT16	1	03/05/97	10	5	15	175
27	HT17	1	03/10/97	5	1	6	60
28	HT18	1	03/10/97	0	0	74	74
29	HT19	1	03/10/97	5	1	6	57
30	HT20	1	03/10/97	2	1	3	60
31	HT21	1	03/10/97	3	0	3	52
32	HT22	1	03/10/97	5	2	7	65
				150	94	318	2697

SORT	GRID	DATE PASS	DATE PASS COE
ORDER	QCed	HFA QC	QA (CEHNC 948)
1	HTA1	03/12/97	03/13/97
2	HTA2	03/12/97	03/13/97
3	HTA3	03/12/97	03/13/97
4	HTA4	03/12/97	03/13/97
5	HTA5	03/12/97	03/13/97
6	HTA6	03/17/97	03/17/97
7	HTA7	03/17/97	03/17/97
8	HTA8	03/17/97	03/17/97
9	HTA9	03/17/97	03/17/97
10	HTA10	03/17/97	03/17/97
11	HT1	03/13/97	03/17/97
12	HT2	03/13/97	03/17/97
13	HT3	03/13/97	03/17/97
14	HT4	03/13/97	03/17/97
15	HT5	03/13/97	03/17/97
16	HT6	03/13/97	03/17/97
17	HT7	03/13/97	03/17/97
18	HT8	03/13/97	03/17/97
19	HT9	03/13/97	03/17/97
20	HT10	03/13/97	03/17/97
21	HT11	03/13/97	03/17/97
22	HT12	03/13/97	03/17/97
23	HT13	03/10/97	03/11/97
24	HT14	03/10/97	03/11/97
25	HT15	03/06/97	03/11/97
26	HT16	03/06/97	03/11/97
27	HT17	03/11/97	03/12/97
28	HT18	03/11/97	03/12/97
29	HT19	03/11/97	03/12/97
30	HT20	03/11/97	03/12/97
31	HT21	03/11/97	03/12/97
32	HT22	03/11/97	03/12/97

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HF 11 DATE: 3/1/97 TIME:

CONTRACT NUMBER: DACW 5194-D PROJECT LOCATION: Camp Croft S.C.
DO #: 0019

- SUBJECT ITEM(S)** (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: Grids CNID in 00U2 Horse Trails 13, 14, 15, 16 - Nothing follows

Prompt correction or compliance with contract specifications is requested.

Janelle
USACE Site Representative

RECEIPT ACKNOWLEDGED: R. Ruan
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HF 11 DATE: 11/12/97 TIME: 1300

CONTRACT NUMBER: DACW 87-94-0 PROJECT LOCATION: Camp Croft
DO #: 0019

- SUBJECT ITEM(S)** (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: The following grids were checked by safety specialist in area 00U-2 Horse trails, 17, 18, 19, 20, 21 & 22 - Last item

Prompt correction or compliance with contract specifications is requested.

Janelle
USACE Site Representative

RECEIPT ACKNOWLEDGED: R. Ruan
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 3/13/97 TIME: 1110

CONTRACT NUMBER: DACA-87-940 PROJECT LOCATION: Camp
DO #: 0019 croft

SUBJECT ITEM(S) (Check all that apply):
 Work Plan Quality Control
 Safety Violation Other
 Safety Comments

DESCRIPTION: Grids checked by Safety
Spec are A1, A2, A3, A4, A5 in
the horse trail area

Prompt correction or compliance with contract specifications is requested.

J. M. Orville
USACE Site Representative

RECEIPT ACKNOWLEDGED: RK
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 17 Mar 97 TIME: 1200

CONTRACT NUMBER: DACA-87-94-0 PROJECT LOCATION: Camp
DO #: 0019 croft SC

SUBJECT ITEM(S) (Check all that apply):
 Work Plan Quality Control
 Safety Violation Other
 Safety Comments

DESCRIPTION: QA checked following grids
in area 0042 Horse trails B-6,
A7, A8, A9, A10, HT 1, 2, 3, 4, 5, 6, 7, 8, 9,
10, 11 + 12 - last item

Prompt correction or compliance with contract specifications is requested.

J. M. Orville
USACE Site Representative

RECEIPT ACKNOWLEDGED: RK
Contractor's Representative

ACTION TAKEN:

OOU - 3

Sort			DATE	DATE	OE SCRAP	NON OE	TOTAL	NUMBER
Order	GRID	TEAM	STARTED	COMPLETED	(INERT)	SCRAP	SCRAP	DIGS
1	A03	2	03/11/97	03/11/97	0	3	3	55
2	B02	3	03/06/97	03/06/97	0	1	1	13
3	B03	2	03/11/97	03/12/97	2	5	7	680
4	B04	2	03/11/97	03/11/97	1	2	3	120
5	C01	3	03/11/97	03/11/97	8	16	24	127
6	C02	3	03/06/97	03/10/97	45	40	85	549
7	C03	2	03/05/97	03/10/97	1	4	5	925
8	C04	2	03/10/97	03/10/97	1	1	2	230
9	D01	3	03/11/97	03/11/97	10	22	32	271
10	D02	3	03/03/97	03/05/97	46	95	141	270
11	D03	2	03/13/97	03/13/97	0	2	2	180
12	E01	3	03/12/97	03/12/97	2	1	3	67
13	E02	3	03/13/97	03/13/97	0	3	3	145
14	E03	2	03/13/97	03/13/97	0	2	2	180

OOU-3

QC/QA JOURNAL

TO 019

Sort		DATE PASS	DATE PASS COE
Order	GRID	HFA QC	QA (CHENC 948)
1	A03	03/11/97	03/12/97
2	B02	03/11/97	03/12/97
3	B03	03/12/97	03/13/97
4	B04	03/11/97	03/12/97
5	C01	03/11/97	03/12/97
6	C02	03/11/97	03/12/97
7	C03	03/10/97	03/11/97
8	C04	03/11/97	03/12/97
9	D01	03/12/97	03/13/97
10	D02	03/05/97	03/11/97
11	D03	03/17/97	03/17/97
12	E01	03/12/97	03/13/97
13	E02	03/13/97	03/17/97
14	E03	03/17/97	03/17/97

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 3/11/97 TIME: _____

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: Camp Croft SC,
DO #: 0019

- SUBJECT ITEM(S)** (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: Grids 9A to date in Area
0011-3 are D2 & 63 - Nothing
Follows

Prompt correction or compliance with contract specifications is requested.

J. Anelle
USACE Site Representative

RECEIPT ACKNOWLEDGED: R. P. [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 3/12/97 TIME: 1300

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION: CAMP
DO #: 0019 CROFT

- SUBJECT ITEM(S)** (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: The following grids were
checked by safety specialist in area
004-3 - C1, C2, C-4, B-2, B-4
A3 - last item

Prompt correction or compliance with contract specifications is requested.

J. M. Anelle
USACE Site Representative

RECEIPT ACKNOWLEDGED: R. P. [Signature]
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: <i>HFR</i>	DATE: <i>3/13/97</i>	TIME: <i>1100 hrs</i>
CONTRACT NUMBER: <i>ORCA 87-94-0</i>	PROJECT LOCATION: <i>Camp Croft</i>	
DO #: <i>0019</i>		

- SUBJECT ITEM(S)** (Check all that apply):
- | | |
|---|---|
| <input type="checkbox"/> Work Plan | <input type="checkbox"/> Quality Control |
| <input type="checkbox"/> Safety Violation | <input checked="" type="checkbox"/> Other |
| <input type="checkbox"/> Safety Comments | |

DESCRIPTION: *Grids checked by Safety Specialist are D1, E1, B2 in area 004-3 East Stem*

Prompt correction or compliance with contract specifications is requested.

J. M. Anelle
USACE Site Representative

RECEIPT ACKNOWLEDGED: *R. K...*
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: <i>HFA</i>	DATE: <i>17 Mar 97</i>	TIME: <i>1200</i>
CONTRACT NUMBER: <i>DACA-87-94-0</i>	PROJECT LOCATION: <i>Camp Croft SC</i>	
DO #: <i>0019</i>		

- SUBJECT ITEM(S)** (Check all that apply):
- | | |
|---|---|
| <input type="checkbox"/> Work Plan | <input type="checkbox"/> Quality Control |
| <input type="checkbox"/> Safety Violation | <input checked="" type="checkbox"/> Other |
| <input type="checkbox"/> Safety Comments | |

DESCRIPTION: *OP checked following grid in area 0043 - E2, E3, D3 East Stem*

Prompt correction or compliance with contract specifications is requested.

J. M. Anelle
USACE Site Representative

RECEIPT ACKNOWLEDGED: *R. K...*
Contractor's Representative

ACTION TAKEN:

AREA 39 HORSE TRAILS

DACA87-94-D-0019
Task Order 0019

28 May 1997
Removal Action Report

	DATE	DATE PASS	DATE PASS COE	ANOMALIES	LBS OF OE	LBS OF NON	TOTAL LBS
GRID	SWEPT	HFA QC	QA (CEHNC 948)	DUG	SCRAP (INERT)	OE SCRAP	OF SCRAP
HT1-D	12/16/96	12/17/96	12/17/96	3	0	0	0
HT1-E	12/16/96	12/17/96	12/17/96	10	0	0	0
HT1-F	12/16/96	12/17/96	12/17/96	12	0	0	0
HT1-G	12/16/96	12/17/96	12/17/96	6	2	1	3
HT1-H	12/16/96	12/17/96	12/17/96	0	0	0	0
HT1-J	12/16/96	12/17/96	12/17/96	3	0	0	0
HT1-K	12/16/96	12/17/96	12/17/96	8	0	0	0
HT1-L	12/16/96	12/17/96	12/17/96	6	0	0	0
HT1-M	12/16/96	12/17/96	12/17/96	5	0	0	0
HT1-N	12/16/96	12/17/96	12/17/96	4	0	0	0
HT1-C	12/17/96	12/17/96	12/17/96	12	6	1	7
HT1-B	12/17/96	12/17/96	12/17/96	8	0	1	1
HT1-A	12/17/96	12/18/96	12/18/96	219	0	50	50
HT2-A	12/17/96	12/18/96	12/18/96	40	0	10	10
HT2-B	12/17/96	12/18/96	12/18/96	2	0	0	0
HT2-C	12/17/96	12/18/96	12/18/96	3	6	1	7
HT2-D	12/17/96	12/18/96	12/18/96	4	0	1	1
HT2-E	12/17/96	12/18/96	12/18/96	2	0	1	1
HT2-F	12/17/96	12/18/96	12/18/96	3	0	1	1
HT2-G	12/17/96	12/18/96	12/18/96	2	0	1	1
HT2H	12/18/96	01/07/97	01/07/97	4	6	0	6
HT2J	12/18/96	01/07/97	01/07/97	3	0	0	0
HT2K	12/18/96	01/07/97	01/07/97	0	0	0	0
HT2L	12/18/96	01/07/97	01/07/97	15	0	1	1
HT3A	12/18/96	01/07/97	01/07/97	40	0	1	1
HT3B	01/07/97	01/07/97	01/07/97	20	0	2	2
HT3C	01/07/97	01/07/97	01/07/97	25	0	1	1
HT3D	01/07/97	01/07/97	01/07/97	15	0	0	0
HT3E	01/07/97	01/07/97	01/07/97	15	0	1	1
HT4A	01/07/97	01/07/97	01/07/97	10	0	0	0
HT4B	01/07/97	01/07/97	01/07/97	18	0	0	0
HT4C	01/07/97	01/07/97	01/07/97	12	0	1	1
HT4D	01/07/97	01/07/97	01/07/97	17	0	0	0
HT5A	01/07/97	01/08/97	01/08/97	30	0	3	3
HT5B	01/07/97	01/08/97	01/08/97	10	0	2	2
HT5C	01/07/97	01/08/97	01/08/97	5	0	1	1
				591	20	81	101

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 12/17/96 TIME:

CONTRACT NUMBER: DACA 87-94-D PROJECT LOCATION:
DO #: 0019 Camp Croft, SC

- SUBJECT ITEM(S)** (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'd and PASSED 12 GRIDS
IN AREA 39; HT-1 - K, L, M, N, J,
H, G, F, E, D, C, B,
— Nothing Follows —

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: *[Signature]*
Contractor's Representative

ACTION TAKEN:

**U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO**

TO: HFA DATE: 12/18/96 TIME:

CONTRACT NUMBER: DACA 87-94-D PROJECT LOCATION:
DO #: 0019 Camp Croft, SC

- SUBJECT ITEM(S)** (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'd and Accepted 8 Grids
IN AREA 39, HORSE TAILS, HT1 - A,
HT2 - A, B, C, D, E, F, G.
— Nothing Follows —

Prompt correction or compliance with contract specifications is requested.

[Signature]
USACE Site Representative

RECEIPT ACKNOWLEDGED: *[Signature]*
Contractor's Representative

ACTION TAKEN:

U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO

TO: HFA DATE: 1/7/97 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION:

DO #: 0019 Camp Croft, SC

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'd and accepted 13 grids
IN AREA 39. HORSE TRAILS. HT2H, HT2J,
HT2K, HT2L, HT3A, HT3B, HT3C, HT3D,
HT3E, HT4A, HT4B, HT4C, HT4D
Nothing Follows

Prompt correction or compliance with contract specifications is requested.

Randy J. Francis
USACE Site Representative

RECEIPT ACKNOWLEDGED: *Candell M. Mack...*
Contractor's Representative

ACTION TAKEN:

U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
ORDNANCE AND EXPLOSIVE GROUP
MEMO

TO: HFA DATE: 1/8/97 TIME:

CONTRACT NUMBER: DACA-87-94-D PROJECT LOCATION:

DO #: 0019 Camp Croft, SC

- SUBJECT ITEM(S) (Check all that apply):
- Work Plan
 - Safety Violation
 - Safety Comments
 - Quality Control
 - Other

DESCRIPTION: QA'd and accepted 3 grids
in area 39. (Horse trails) HT5A,
HT5B, HT5C
Nothing follows

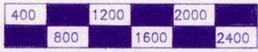
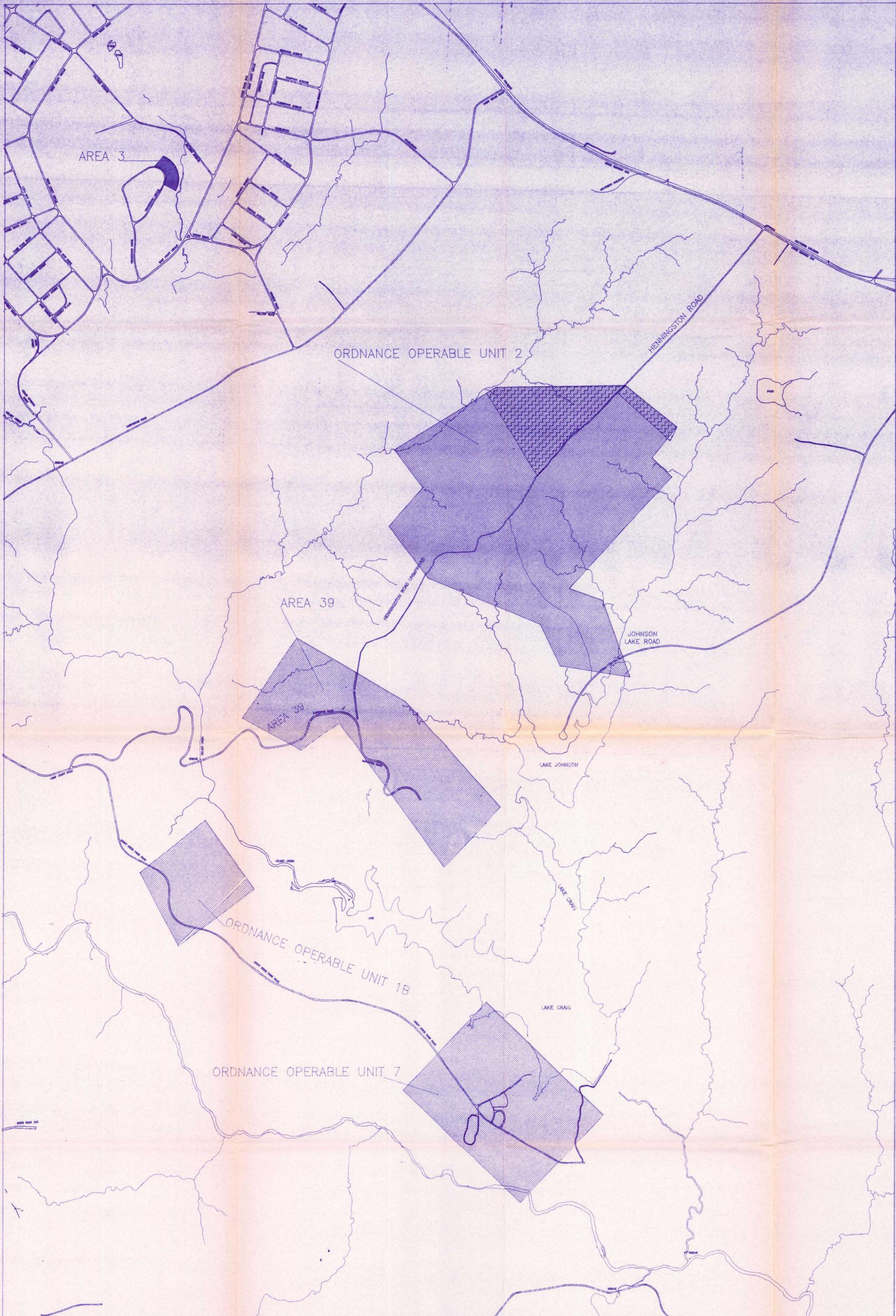
Prompt correction or compliance with contract specifications is requested.

Randy J. Francis
USACE Site Representative

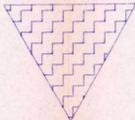
RECEIPT ACKNOWLEDGED: *R. ...*
Contractor's Representative

ACTION TAKEN:

APPENDIX E
SITE MAPS



SCALE: 1" = 800 FT



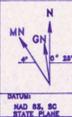
INDICATES PRIVATE PROPERTY WHERE 'RIGHT OF ENTRY' WAS DENIED.



FORMER CAMP CROFT
ORDNANCE REMOVAL ACTION

CONTRACTOR:
HUMAN FACTORS APPLICATIONS, INC.
CORPORATE OFFICES
4890 BUCKINGHAM GREEN, ROUTE 202
BUILDING 1, SUITE 2A
HOLLIDAY, PA 15925
PHONE: (814) 784-3535
FAX: (814) 784-7353
BRANCH OFFICE, WALDORF, MD
PHONE: (301) 708-3044
FAX: (301) 708-7891

PROJECT TITLE: ORDNANCE, AMMUNITION, & EXPLOSIVE REMOVAL ACTION
PROJECT LOCATION: SPARTANBURG, SOUTH CAROLINA
CLIENT NAME: U.S. ARMY CORPS OF ENGINEERS, HUNTSVILLE DIVISION
CONTRACT NUMBER: DACAB7-94-D-0019
TASK ORDER: #0019
SCALE: 1" = 800'
DRAWING DATE: 5 MARCH 97



REF. DWG: AUTOCAD - CAMP CROFT.LDW

PAPER SIZE: ISO A1

DRAWN BY: KAD
CHECKED BY: BCD
DATE: 5 MARCH 97

OOU - 7

The following is a tabulated list of coordinates for grid corners located in Ordnance Operable Unit 7, IAW the Statement of Work, para 3.3.3.2.

GRID	EASTING	NORTHING
A1	1748558.930	1101800.940
A2	1748414.067	1101938.551
A3	1748269.204	1102076.161
A4	1748124.200	1102213.906
A5	1747979.337	1102351.517
A6	1747834.615	1102488.993
A7	1747689.752	1102626.604
A8	1747544.742	1102764.349
A9	1747400.026	1102901.825
A10	1747255.164	1103039.435
A11	1747110.301	1103177.046
A12	1746965.296	1103314.791
A13	1746820.433	1103452.401
A14	1746675.712	1103589.878
A15	1746530.849	1103727.488
B1	1748627.803	1101873.442
B2	1748482.814	1102011.204
B3	1748338.077	1102148.663
B4	1748193.088	1102286.426
B5	1748048.226	1102424.036
B6	1747903.488	1102561.495
B7	1747758.641	1102699.123
B8	1747613.778	1102836.734
B9	1747468.774	1102974.479
B10	1747323.780	1103112.013
B11	1747179.032	1103249.683
B12	1747034.185	1103387.310
B13	1746889.306	1103524.904
B14	1746744.601	1103662.397
B15	1746599.721	1103799.990
C1	1748696.708	1101945.979
C2	1748551.687	1102083.707
C3	1748406.982	1102221.200
C4	1748262.119	1102358.811
C5	1748117.240	1102496.404
C6	1747972.251	1102634.166
C7	1747827.530	1102771.642
C8	1747682.526	1102909.387
C9	1747537.663	1103046.998
C10	1747392.800	1103184.609

GRID	EASTING	NORTHING
C11	1747248.078	1103322.085
C12	1747103.057	1103459.813
C13	1746958.195	1103597.423
C14	1746813.348	1103735.051
C15	1746668.627	1103872.527
D1	1748765.597	1102018.498
D2	1748620.734	1102156.109
D3	1748475.729	1102293.854
D4	1748330.991	1102431.313
D5	1748186.128	1102568.923
D6	1748041.282	1102706.551
D7	1747896.419	1102844.162
D8	1747751.414	1102981.907
D9	1747606.551	1103119.517
D10	1747461.672	1103257.111
D11	1747316.809	1103394.721
D12	1747171.963	1103532.349
D13	1747027.225	1103669.808
D14	1746882.237	1103807.570
D15	1746737.515	1103945.047
E1	1748834.485	1102091.018
E2	1748689.622	1102228.628
E3	1748544.760	1102366.239
E4	1748399.739	1102503.967
E5	1748255.017	1102641.443
E6	1748110.013	1102779.188
E7	1747965.166	1102916.816
E8	1747820.287	1103054.409
E9	1747675.440	1103192.037
E10	1747530.719	1103329.513
E11	1747386.000	1103468.025
E12	1747240.977	1103604.717
E13	1747095.989	1103742.479
E14	1746951.267	1103879.955
E15	1746806.263	1104017.700
F1	1748903.358	1102163.520
F2	1748758.370	1102301.282
F3	1748613.507	1102438.893
F4	1748468.644	1102576.503
F5	1748323.923	1102713.980
F6	1748178.902	1102851.707
F7	1748034.055	1102989.335
F8	1747889.317	1103126.794
F9	1747744.454	1103264.405

F10	1747599.608	1103402.032
F11	1747454.603	1103539.778
F12	1747309.740	1103677.388
F13	1747165.019	1103814.864
F14	1747020.014	1103952.609
F15	1746875.152	1104090.220
G1	1748972.247	1102236.039
G2	1748827.384	1102373.650
G3	1748682.379	1102511.395
G4	1748537.533	1102649.023
G5	1748392.670	1102786.633
G6	1748247.932	1102924.092
G7	1748103.069	1103061.703
G8	1747958.081	1103199.465
G9	1747813.218	1103337.076
G10	1747668.480	1103474.535
G11	1747523.476	1103612.280
G12	1747378.629	1103749.908
G13	1747233.750	1103887.501
G14	1747089.045	1104024.994
G15	1746944.182	1104162.605
H1	1749041.152	1102308.576
H2	1748896.148	1102446.321
H3	1748751.268	1102583.915
H4	1748606.422	1102721.542
H5	1748461.559	1102859.153
H6	1748316.821	1102996.612
H7	1748171.974	1103134.240
H8	1748026.970	1103271.985
H9	1747882.091	1103409.578
H10	1747737.244	1103547.206
H11	1747592.506	1103684.665
H12	1747447.518	1103822.427
H13	1747302.780	1103959.886
H14	1747157.792	1104097.648
H15	1747012.929	1104235.259
J1	1749110.025	1102381.078
J2	1748965.036	1102518.841
J3	1748820.315	1102656.317
J4	1748675.311	1102794.062
J5	1748530.448	1102931.672
J6	1748385.726	1103069.148
J7	1748240.722	1103206.894
J8	1748095.859	1103344.504

GRID	EASTING	NORTHING
J9	1747951.137	1103481.980
J10	1747806.133	1103619.725
J11	1747661.411	1103757.201
J12	1747516.407	1103894.946
J13	1747371.544	1104032.557
J14	1747226.806	1104170.016
J15	1747081.818	1104307.778
K1	1749178.930	1102453.615
K2	1749034.067	1102591.226
K3	1748889.204	1102728.836
K4	1748744.183	1102866.564
K5	1748599.320	1103004.175
K6	1748454.457	1103141.785
K7	1748309.611	1103279.413
K8	1748164.731	1103417.006
K9	1748019.885	1103554.634
K10	1747875.163	1103692.110
K11	1747730.159	1103829.855
K12	1747585.421	1103967.314
K13	1747440.574	1104104.942
K14	1747295.695	1104242.535
K15	1747150.849	1104380.163
L1	1749247.819	1102526.134
L2	1749102.798	1102663.862
L3	1748957.935	1102801.473
L4	1748813.213	1102938.949
L5	1748668.225	1103076.711
L6	1748523.362	1103214.322
L7	1748378.483	1103351.915
L8	1748233.202	1103489.167
L9	1748088.757	1103627.136
L10	1747944.036	1103764.613
L11	1747799.189	1103902.240
L12	1747654.310	1104039.834
L13	1747509.322	1104177.596
L14	1747364.600	1104315.072
L15	1747219.580	1104452.800
M1	1749316.691	1102598.637
M2	1749171.845	1102736.264
M3	1749026.840	1102874.010
M4	1748882.119	1103011.486
M5	1748737.114	1103149.231
M6	1748592.235	1103286.824

GRID	EASTING	NORTHING
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M7	1748447.372	1103424.435
M8	1748302.789	1103561.803
M9	1748157.810	1103699.802
M10	1748012.783	1103837.266
M11	1747868.062	1103974.743
M12	1747723.057	1104112.488
M13	1747578.352	1104249.981
M14	1747433.348	1104387.726
M15	1747288.485	1104525.337
N1	1749385.596	1102671.173
N2	1749385.596	1102671.173
N3	1749240.575	1102808.901
N4	1749095.713	1102946.512
N5	1748950.991	1103083.988
N6	1748805.987	1103221.733
N7	1748516.277	1103496.971
N8	1748371.398	1103634.565
N9	1748228.043	1103772.077
N10	1748226.676	1103772.041
N11	1747936.967	1104047.279
N12	1747936.951	1104047.262
N13	1747791.946	1104185.007
N14	1747647.099	1104322.635
N15	1747502.378	1104460.111
P1	1747357.357	1104597.839
P2	1749454.485	1102743.693
P3	1749309.622	1102881.303
P4	1749164.601	1103019.031
P5	1749019.880	1103156.507
P6	1748874.876	1103294.252
P7	1748730.170	1103431.746
P8	1748585.150	1103569.474
P9	1748295.471	1103844.662
P10	1748150.626	1103982.626
P11	1748005.541	1104119.407
P12	1747860.993	1104257.409
P13	1747715.972	1104395.137
P14	1747571.125	1104532.765
P15	1747426.404	1104670.241
R1	1749523.358	1102816.195
R2	1749378.511	1102953.823
R3	1749233.490	1103091.551
R4	1749088.785	1103229.044
R5	1748943.922	1103366.655

GRID

EASTING

NORTHING

R6	1748799.059	1103504.265
R7	1748654.038	1103641.993
R8	1748509.487	1103779.576
R9	1748364.402	1103916.791
R10	1748219.534	1104056.004
R11	1748074.745	1104192.318
R12	1747929.724	1104330.046
R13	1747784.877	1104467.674
R14	1747640.139	1104605.133
R15	1747495.293	1104742.760
S1	1749592.263	1102888.732
S2	1749447.242	1103026.460
S3	1749302.395	1103164.087
S4	1749157.533	1103301.698
S5	1749012.684	1103439.236
S6	1748867.932	1103576.767
S7	1748722.927	1103714.512
S8	1748578.081	1103852.140
S9	1748433.343	1103989.599
S10	1748288.355	1104127.361
S11	1748143.207	1104266.428
S12	1747998.629	1104402.583
S13	1747853.891	1104540.041
S14	1747708.887	1104677.787
S15	1747564.040	1104815.414
T1	1749661.152	1102961.251
T2	1749516.147	1103098.996
T3	1749371.268	1103236.590
T4	1749226.563	1103374.083
T5	1749081.558	1103511.828
T6	1748936.679	1103649.421
T7	1748791.828	1103786.546
T8	1748647.111	1103924.525
T9	1748502.248	1104062.136
T10	1748357.244	1104199.881
T11	1748212.381	1104337.491
T12	1748067.643	1104474.950
T13	1747922.796	1104612.578
T14	1747777.933	1104750.189
T15	1747632.929	1104887.934
U1	1749730.041	1103033.771
U2	1749585.178	1103171.381
U3	1749440.173	1103309.126

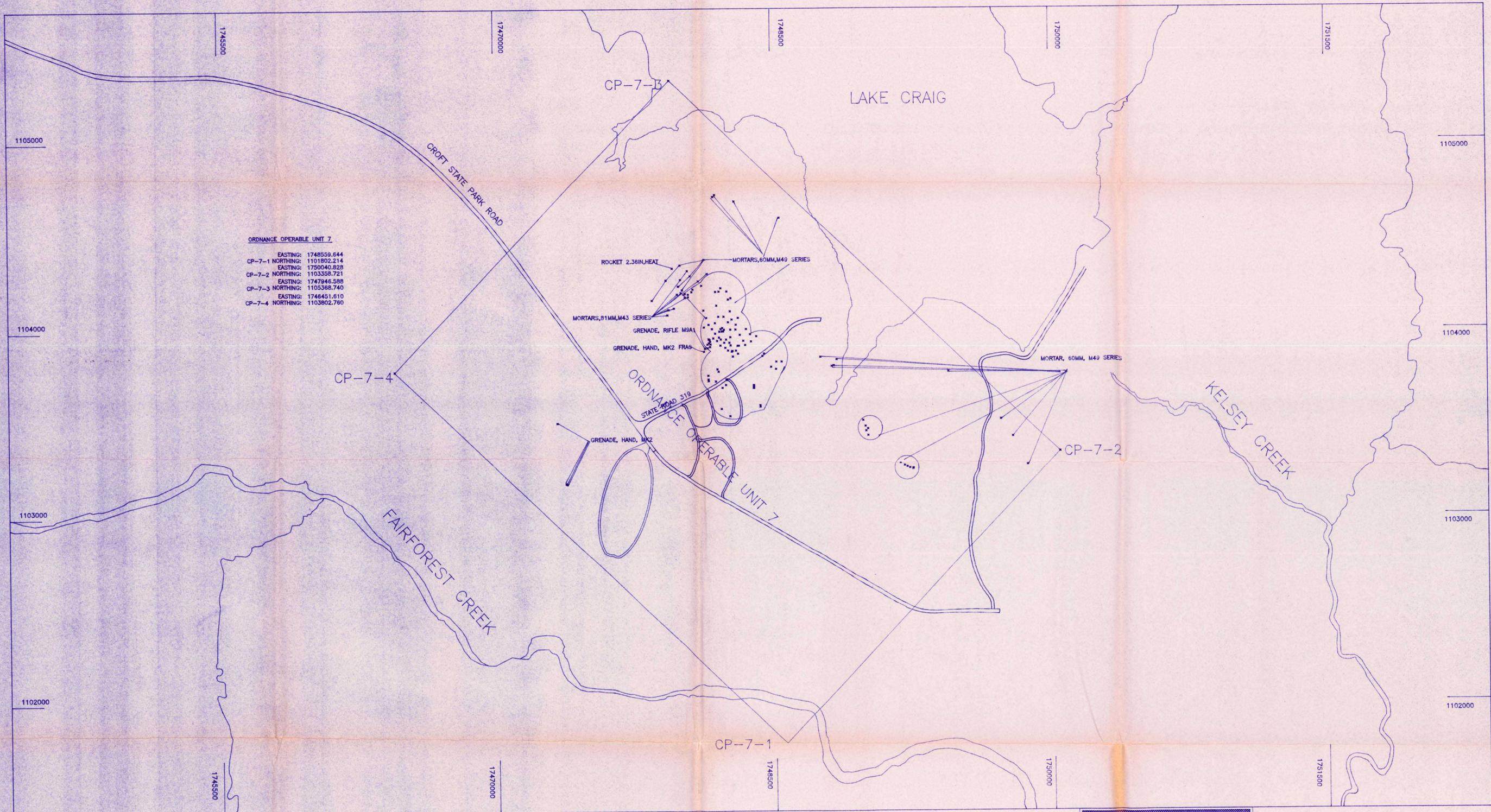
GRID

EASTING

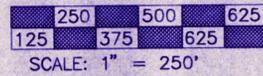
NORTHING

U4	1749295.310	1103446.737
U5	1749150.431	1103584.330
U6	1749005.584	1103721.958
U7	1748860.863	1103859.434
U8	1748715.842	1103997.162
U9	1748571.121	1104134.638
U10	1748426.116	1104272.383
U11	1748281.270	1104410.011
U12	1748136.390	1104547.604
U13	1747991.685	1104685.098
U14	1747846.664	1104822.825
U15	1747701.976	1104960.336
V1	1749798.913	1103106.273
V2	1749654.050	1103243.883
V3	1749509.187	1103381.494
V4	1749364.183	1103519.239
V5	1749219.336	1103656.867
V6	1749074.615	1103794.343
V7	1748929.594	1103932.071
V8	1748784.747	1104069.699
V9	1748640.026	1104207.175
V10	1748495.163	1104344.785
V11	1748350.300	1104482.396
V12	1748205.991	1104619.856
V13	1748060.433	1104757.751
V14	1747915.695	1104895.210
V15	1747770.848	1105032.838
W1	1749868.029	1103178.907
W2	1749722.955	1103316.420
W3	1749578.076	1103454.013
W4	1749433.230	1103591.641
W5	1749288.367	1103729.252
W6	1749143.362	1103866.997
W7	1748998.483	1104004.590
W8	1748853.778	1104142.084
W9	1748708.898	1104279.677
W10	1748564.052	1104417.305
W11	1748419.031	1104555.033
W12	1748274.184	1104692.660
W13	1748129.321	1104830.271
W14	1747984.475	1104967.899
W15	1747839.612	1105105.509
X1	1749936.691	1103251.312
X2	1749791.901	1103388.798
GRID	EASTING	NORTHING

X3	1749646.823	1103526.667
X4	1749502.102	1103664.233
X5	1749357.239	1103801.754
X6	1749212.251	1103939.516
X7	1749067.513	1104076.975
X8	1748922.509	1104214.720
X9	1748777.787	1104352.196
X10	1748632.526	1104490.532
X11	1748488.061	1104627.418
X12	1748343.073	1104765.180
X13	1748198.336	1104902.639
X14	1748053.222	1105040.553
X15	1747908.343	1105178.146
Y1	1750005.580	1103323.831
Y2	1749860.592	1103461.593
Y3	1749715.870	1103599.069
Y4	1749571.007	1103736.680
Y5	1749426.003	1103874.425
Y6	1749281.281	1104011.901
Y7	1749136.277	1104149.646
Y8	1748991.414	1104287.257
Y9	1748846.535	1104424.850
Y10	1748701.813	1104562.326
Y11	1748556.825	1104700.089
Y12	1748412.104	1104837.565
Y13	1748267.083	1104975.293
Y14	1748122.127	1105113.089
Y15	1747977.264	1105250.700



ORDNANCE OPERABLE UNIT 7
 EASTING: 1748559.644
 CP-7-1 NORTHING: 1101802.214
 EASTING: 1750040.828
 CP-7-2 NORTHING: 1103358.721
 EASTING: 1747946.588
 CP-7-3 NORTHING: 1105368.740
 EASTING: 1748451.610
 CP-7-4 NORTHING: 1103802.760



FORMER CAMP CROFT
 ORDNANCE OPERABLE UNIT 7

HUMAN FACTORS APPLICATIONS, INC. CORPORATE OFFICES 4800 BUCKINGHAM GREEN, ROUTE 202 BUILDING 1, SUITE 2A HOLLIDAY, PA 15028 PHONE: (215) 784-3535 FAX: (215) 784-7585 BRANCH OFFICE, WALDORF, MD PHONE: (301) 700-8044 FAX: (301) 700-7861	ORDNANCE, AMMUNITION, & EXPLOSIVE REMOVAL ACTION SPARTANBURG, SOUTH CAROLINA U.S. ARMY CORPS OF ENGINEERS, HUNTSVILLE DIVISION DACAB7-94-D-0019 #0019		
	SCALE: 1" = 250' PAPER NO: ISO A1 DATE: 11 DECEMBER 96 DRAWN BY: HAD BS, SC STATE PLANE		

OOU-1B

DACA87-94-D-0019
Task Order 0019

28 May 1997
Removal Action Report

The following is a tabulated list of coordinates for grid corners located in Ordnance Operable Unit 1B, IAW the Statement of Work, para 3.3.3.2.

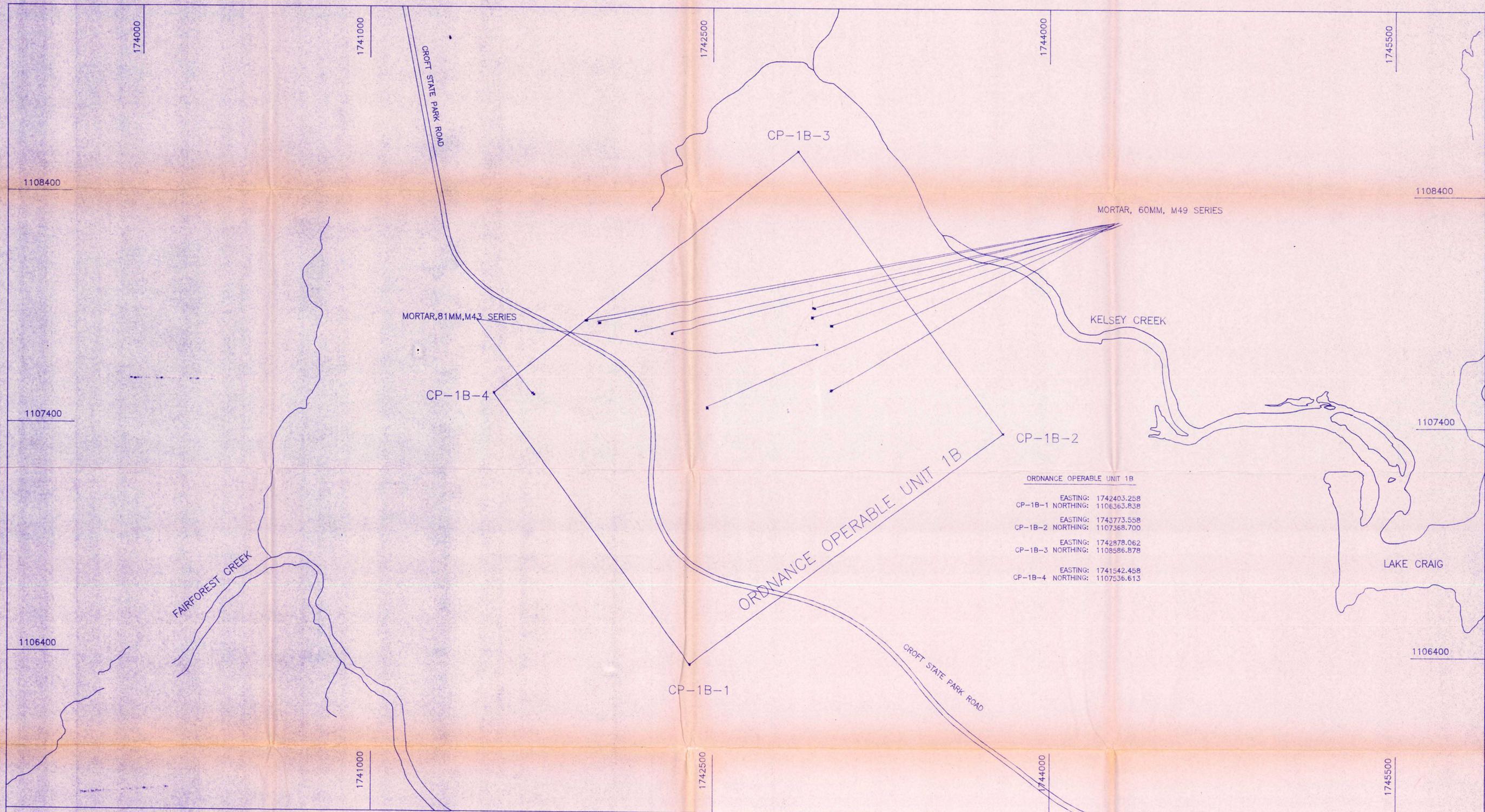
GRID	EASTING	NORTHING
A1	1742405.147	1106362.225
A2	1742286.801	1106523.452
A3	1742168.570	1106684.521
A4	1742050.339	1106845.591
A5	1741932.108	1107006.660
A6	1741813.877	1107167.730
A7	1741695.762	1107328.642
A8	1741577.531	1107489.712
B1	1742485.780	1106421.412
B2	1742367.433	1106582.639
B3	1742249.202	1106743.709
B4	1742130.952	1106904.764
B5	1742012.741	1107065.848
B6	1741894.510	1107226.917
B7	1741776.279	1107387.987
B8	1741658.048	1107549.056
C1	1742566.412	1106480.599
C2	1742448.066	1106641.826
C3	1742329.931	1106802.724
C4	1742211.720	1106963.808
C5	1742093.354	1107125.021
C6	1741975.258	1107285.947
C7	1741857.027	1107447.017
C8	1741738.680	1107608.243
D1	1742647.026	1106539.773
D2	1742528.814	1106700.856
D3	1742410.583	1106861.926
D4	1742292.237	1107023.153
D5	1742174.006	1107184.222
D6	1742055.756	1107345.278
D7	1741937.640	1107506.190
D8	1741819.428	1107667.273
E1	1742727.678	1106598.974
E2	1742609.312	1106760.187
E3	1742491.100	1106921.270
E4	1742372.985	1107082.183
E5	1742254.619	1107243.395
E6	1742136.523	1107404.322

GRID	EASTING	NORTHING
E7	1742018.157	1107565.534
E8	1741900.042	1107726.447
F1	1742808.291	1106658.147
F2	1742690.079	1106819.231
F3	1742571.714	1106980.444
F4	1742453.502	1107141.527
F5	1742335.252	1107302.583
F6	1742217.155	1107463.509
F7	1742098.809	1107624.736
F8	1741980.694	1107785.548
G1	1742888.924	1106717.334
G2	1742770.577	1106878.561
G3	1742652.346	1107039.631
G4	1742534.231	1107200.543
G5	1742415.903	1107361.784
G6	1742297.788	1107522.696
G7	1742179.295	1107684.225
G8	1742061.211	1107844.993
H1	1742969.575	1106776.536
H2	1742851.229	1106937.763
H3	1742732.998	1107098.832
H4	1742614.882	1107259.744
H5	1742496.723	1107420.641
H6	1742378.401	1107581.869
H7	1742260.325	1107742.882
H8	1742141.940	1107904.008
J1	1743050.208	1106835.723
J2	1742931.977	1106996.793
J3	1742813.630	1107158.019
J4	1742695.496	1107318.918
J5	1742577.169	1107480.159
J6	1742458.918	1107641.214
J7	1742340.822	1107802.140
J8	1742222.572	1107963.196
K1	1743130.821	1106894.896
K2	1743012.590	1107055.966
K3	1742894.244	1107217.193
K4	1742776.128	1107378.105
K5	1742657.917	1107539.188
K6	1742539.551	1107700.401
K7	1742421.455	1107861.327

GRID	EASTING	NORTHING
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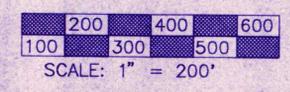
K8	1742303.205	1108022.383
L1	1743211.454	1106954.084
L2	1743093.242	1107115.167
L3	1742974.876	1107276.380
L4	1742856.645	1107437.449
L5	1742738.434	1107598.533
L6	1742620.203	1107759.603
L7	1742501.972	1107920.672
L8	1742383.741	1108081.742
M1	1743292.106	1107013.285
M2	1743173.875	1107174.354
M3	1743055.625	1107335.410
M4	1742937.394	1107496.479
M5	1742819.066	1107657.720
M6	1742700.951	1107818.632
M7	1742582.604	1107979.859
M8	1742464.470	1108140.757
N1	1743372.719	1107072.458
N2	1743254.392	1107233.699
N3	1743136.940	1107394.643
N4	1743018.020	1107556.537
N5	1742899.814	1107716.750
N6	1742781.468	1107877.977
N7	1742663.237	1108039.047
N8	1742545.006	1108200.116
P1	1743453.352	1107131.645
P2	1743335.140	1107292.729
P3	1743216.793	1107453.956
P4	1743098.562	1107615.025
P5	1742980.331	1107776.095
P6	1742862.216	1107937.007
P7	1742743.966	1108098.062
P8	1742625.754	1108259.146
R1	1743534.003	1107190.847
R2	1743415.772	1107351.916
R3	1743297.407	1107513.129
R4	1743179.195	1107674.213
R5	1743060.945	1107835.268
R6	1742942.849	1107996.194
R7	1742824.618	1108157.264
R8	1742706.252	1108318.477

GRID	EASTING	NORTHING
S1	1743614.636	1107250.034
S2	1743496.386	1107411.089
S3	1743378.058	1107572.330
S4	1743259.827	1107733.400
S5	1743141.597	1107894.469
S6	1743023.366	1108055.539
S7	1742905.135	1108216.608
S8	1742786.904	1108377.678
T1	1743695.249	1107309.207
T2	1743577.037	1107470.291
T3	1743458.691	1107631.518
T4	1743340.576	1107792.430
T5	1743222.345	1107953.499
T6	1743104.114	1108114.569
T7	1742985.883	1108275.638
T8	1742867.517	1108436.851



ORDNANCE OPERABLE UNIT 1B

CP-1B-1	EASTING: 1742403.258 NORTHING: 1106363.838
CP-1B-2	EASTING: 1743773.558 NORTHING: 1107368.700
CP-1B-3	EASTING: 1742878.062 NORTHING: 1108586.878
CP-1B-4	EASTING: 1741542.458 NORTHING: 1107536.613



FORMER CAMP CROFT
ORDNANCE OPERABLE UNIT 1B

HUMAN FACTORS APPLICATIONS, INC. CORPORATE OFFICES 4850 BUCKINGHAM GREEN, ROUTE 202 HUNTSVILLE, TN 38839 PHONE: (215) 784-3535 FAX: (215) 784-7883 BRANCH OFFICE: WALDORF, MD PHONE: (301) 705-9044 FAX: (301) 705-7561	ORDNANCE, AMMUNITION, & EXPLOSIVE REMOVAL ACTION PROJECT LOCATION: SPARTANBURG, SOUTH CAROLINA CLIENT: U.S. ARMY CORPS OF ENGINEERS, HUNTSVILLE DIVISION CONTRACT NUMBER: DACAB7-94-D-0019 DRAWING NUMBER: #0019	SCALE: 1" = 200' DATE: 13 DECEMBER 96 SHEET: ISO A1 PROJECT NUMBER: HAD 83, SC STATE PLANE
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OOU - 2

The following is a tabulated list of coordinates for grid corners located in Ordnance Operable Unit 2 IAW the Statement of Work, para 3.3.3.2.

GRID	EASTING	NORTHING	Partial Grids	Notes
B14	1746205.397	1113798.332	X	NE corner of triangular grid
B15	1746176.230	1113798.327	X	
C14	1746205.397	1113762.311	X	
C15	1746205.397	1113795.332	X	
C21	1746281.594	1115150.377	X	
D13	1746405.397	1113595.332	X	NE corner of triangular grid
D14	1746305.397	1113632.332	X	
D15	1746305.397	1113795.332	X	
D16	1746347.963	1113995.332	X	
D21	1746405.397	1115195.332	X	NE corner of irregular grid
D22	1746354.726	1115195.332	X	
E12	1746505.397	1113195.332	X	NE corner of triangular grid
E13	1746486.391	1113395.332	X	
E14	1746405.397	1113595.332		
E15	1746405.397	1113795.332		
E16	1746405.397	1113995.332	X	
E20	1746405.397	1114795.332	X	
E21	1746405.397	1114995.332		
E22	1746405.397	1115195.332	X	
F12	1746505.397	1113241.434	X	
F13	1746505.398	1113395.332		
F14	1746505.399	1113595.332		
F15	1746505.400	1113795.332		
F16	1746505.401	1113995.332	X	
F17	1746522.998	1114195.332	X	

F20	1746551.666	1114795.332	X	
F21	1746505.405	1114995.332		
F22	1746505.406	1115195.332	X	
G11	1746705.397	1113195.332	X	NE corner of triangular grid
G12	1746639.975	1113195.332	X	
G13	1746605.397	1113395.332		
G14	1746605.397	1113595.332		
G15	1746605.397	1113795.332		
G16	1746605.397	1113995.332		
G17	1746605.397	1114195.332	X	
G18	1746605.397	1114395.332	X	
G19	1746605.397	1114725.834	X	
G20	1746605.397	1114795.332		
G21	1746605.397	1114995.332		
G22	1746605.397	1115195.332	X	
H11	1746793.559	1112995.332	X	
H12	1746705.397	1113195.332		
H13	1746705.397	1113395.332		
H14	1746705.397	1113595.332		
H15	1746705.397	1113795.332		
H16	1746705.397	1113995.332		
H17	1746705.397	1114195.332		
H18	1746705.397	1114395.332	X	
H19	1746705.397	1114595.332		
H20	1746705.397	1114795.332		
H21	1746705.397	1114995.332		
H22	1746705.397	1115195.332		
H23	1746705.397	1115395.332	X	
J10	1746805.397	1112866.216	X	

J11	1746805.397	1112995.332		
J12	1746805.397	1113195.332		
J13	1746805.397	1113395.332		
J14	1746805.397	1113595.332		
J15	1746805.397	1113795.332		
J16	1746805.397	1113995.332		
J17	1746805.397	1114195.332		
J18	1746805.397	1114395.332		
J19	1746805.397	1114595.332		
J20	1746805.397	1114795.332		
J21	1746805.397	1114995.332		
J22	1746805.397	1115195.332		
J23	1746805.397	1115395.332	X	
K10	1746905.397	1112865.628	X	
K11	1746905.397	1112995.332		
K12	1746905.397	1113195.332		
K13	1746905.397	1113395.332		
K14	1746905.397	1113595.332		
K15	1746905.397	1113795.332		
K16	1746905.397	1113995.332		
K17	1746905.397	1114195.332		
K18	1746905.397	1114395.332		
K19	1746905.397	1114595.332		
K20	1746905.397	1114795.332		
K21	1746905.397	1114995.332		
K22	1746905.397	1115195.332		
K23	1746905.397	1115395.332	X	
L09	1747105.397	1112795.332	X	NE corner of triangular grid
L10	1747082.912	1112795.332	X	

L11	1747005.397	1112995.332		
L12	1747005.397	1113195.332		
L13	1747005.397	1113395.332		
L14	1747005.397	1113595.332		
L15	1747005.397	1113795.332		
L16	1747005.397	1113995.332		
L17	1747005.397	1114195.332		
L18	1747005.397	1114395.332		
L19	1747005.397	1114595.332		
L20	1747005.397	1114795.332		
L21	1747005.397	1114995.332		
L22	1747005.397	1115195.332		
L23	1747005.397	1115395.332		
L24	1747017.736	1115595.332	X	
M09	1747205.332	1117205.332	X	NE corner of triangular grid
M10	1747105.332	1112795.332		
M11	1747105.332	1112995.332		
M12	1747105.332	1113195.332		
M13	1747105.332	1114395.332		
M14	1747105.332	1114595.332		
M15	1747105.332	1114795.332		
M16	1747105.332	1114995.332		
M17	1747105.332	1115195.332		
M18	1747105.332	1115395.332		
M19	1747105.332	1115795.332		
M20	1747105.332	1115995.332		
M21	1747105.332	1116195.332		
M22	1747105.332	1116395.332		
M23	1747105.332	1116595.332		

M24	1747105.332	1116795.332	X	
N09	1747205.397	1112746.008	X	
N10	1747205.397	1112795.332		
N11	1747205.397	1112995.332		
N12	1747205.397	1113195.332		
N13	1747205.397	1113395.332		
N14	1747205.397	1113595.332		
N15	1747205.397	1113795.332		
N16	1747205.397	1113995.332		
N17	1747205.397	1114195.332		
N18	1747205.397	1114395.332		
N19	1747205.397	1114595.332		
N20	1747205.397	1114795.332		
N21	1747205.397	1114995.332		
N22	1747205.397	1115195.332		
N23	1747205.397	1115395.332		
N24	1747205.397	1115595.332	X	
P09	1747305.397	1112705.939	X	
P10	1747305.397	1112795.332		
P11	1747305.397	1112995.332		
P12	1747305.397	1113195.332		
P13	1747305.397	1113395.332		
P14	1747305.397	1113595.332		
P15	1747305.397	1113795.332		
P16	1747305.397	1113995.332		
P17	1747305.397	1114195.332		
P18	1747305.397	1114395.332		
P19	1747305.397	1114595.332		
P20	1747305.397	1114795.332		

P21	1747305.397	1114995.332		
P22	1747305.397	1115195.332		
P23	1747305.397	1115395.332		
P24	1747305.397	1115595.332	X	
P25	1747349.24	1115794.475	X	
R09	1747405.397	1112665.869	X	
R10	1747405.397	1112795.332		
R11	1747405.397	1112995.332		
R12	1747405.397	1113195.332		
R13	1747405.397	1113395.332		
R14	1747405.397	1113595.332		
R15	1747405.397	1113795.332		
R16	1747405.397	1113995.332		
R17	1747405.397	1114195.332		
R18	1747405.397	1114395.332		
R19	1747405.397	1114595.332		
R20	1747405.397	1114795.332		
R21	1747405.397	1114995.332		
R22	1747405.397	1115195.332		
R23	1747405.397	1115395.332		
R24	1747405.397	1115595.332		
R25	1747405.397	1115795.332	X	
S08	1747605.397	1112595.332	X	NE corner of triangular grid
S09	1747582.046	1112595.332	X	
S10	1747505.397	1112795.332		
S11	1747505.397	1112995.332		
S12	1747505.397	1113195.332		
S13	1747505.397	1113395.332		
S14	1747505.397	1113595.332		

S15	1747505.397	1113795.332		
S16	1747505.397	1113995.332		
S17	1747505.397	1114195.332		
S18	1747505.397	1114395.332		
S19	1747505.397	1114595.332		
S20	1747505.397	1114795.332		
S21	1747505.397	1114995.332		
S22	1747505.397	1115195.332		
S23	1747505.397	1115395.332		
S24	1747505.397	1115595.332		
S25	1747505.397	1115795.332	X	
T08	1747605.397	1112585.731	X	
T09	1747605.397	1112595.332		
T10	1747605.397	1112795.332		
T11	1747605.397	1112995.332		
T12	1747605.397	1113195.332		
T13	1747605.397	1113395.332		
T14	1747605.397	1113595.332		
T15	1747605.397	1113795.332		
T16	1747605.397	1113995.332		
T17	1747605.397	1114195.332		
T18	1747605.397	1114395.332		
T19	1747605.397	1114595.332		
T20	1747605.397	1114795.332		
T21	1747605.397	1114995.332		
T22	1747605.397	1115195.332		
T23	1747605.397	1115395.332		
T24	1747605.397	1115595.332		
T25	1747605.397	1115795.332	X	

U08	1747705.397	1112545.661	X	
U09	1747705.397	1112595.332		
U10	1747705.397	1112795.332		
U11	1747705.397	1112995.332		
U12	1747705.397	1113195.332		
U13	1747705.397	1113395.332		
U14	1747705.397	1113595.332		
U15	1747705.397	1113795.332		
U16	1747705.397	1113995.332		
U17	1747705.397	1114195.332		
U18	1747705.397	1114395.332		
U19	1747705.397	1114595.332		
U20	1747705.397	1114795.332		
U21	1747705.397	1114995.332		
U22	1747705.397	1115195.332		
U23	1747705.397	1115395.332		
U24	1747705.397	1115595.332		
U25	1747705.397	1115795.332		
U26	1747705.397	1115995.332	X	
V08	1747805.397	1112505.592	X	
V09	1747805.397	1112595.332		
V10	1747805.397	1112795.332		
V11	1747805.397	1112995.332		
V12	1747805.397	1113195.332		
V13	1747805.397	1113395.332		
V14	1747805.397	1113595.332		
V15	1747805.397	1113795.332		
V16	1747805.397	1113995.332		
V17	1747805.397	1114195.332		

V18	1747805.397	1114395.332		
V19	1747805.397	1114595.332		
V20	1747805.397	1114795.332		
V21	1747805.397	1114995.332		
V22	1747805.397	1115195.332		
V23	1747805.397	1115395.332		
V24	1747805.397	1115595.332		
V25	1747805.397	1115795.332		
V26	1747805.397	1115995.332	X	
W08	1747905.397	1112465.523	X	
W09	1747905.391	1112595.332		
W10	1747905.391	1112795.332		
W11	1747905.391	1112995.332		
W12	1747905.391	1113195.332		
W13	1747905.391	1113395.332		
W14	1747905.391	1113595.332		
W15	1747905.391	1113795.332		
W16	1747905.391	1113995.332		
W17	1747905.391	1114195.332		
W18	1747905.391	1114395.332		
W19	1747905.391	1114595.332		
W20	1747905.391	1114795.332		
W21	1747905.391	1114995.332		
W22	1747905.391	1115195.332		
W23	1747905.391	1115395.332		
W24	1747905.391	1115595.332		
W25	1747905.391	1115795.332		
W26	1747905.391	1115995.332	X	
X07	1748105.397	1112395.332	X	NE corner of triangular grid

X08	1748081.172	1112395.332	X	
X09	1748005.397	1112595.332		
X10	1748005.397	1112795.332		
X11	1748005.397	1112995.332		
X12	1748005.397	1113195.332		
X13	1748005.397	1113395.332		
X14	1748005.397	1113595.332		
X15	1748005.397	1113795.332		
X16	1748005.397	1113995.332		
X17	1748005.397	1114195.332		
X18	1748005.397	1114395.332		
X19	1748005.397	1114595.332		
X20	1748005.397	1114795.332		
X21	1748005.397	1114995.332		
X22	1748005.397	1115195.332		
X23	1748005.397	1115395.332		
X24	1748005.397	1115595.332		
X25	1748005.397	1115795.332		
Y07	1748081.172	1112395.384	X	
Y08	1748105.397	1112395.332		
Y09	1748105.397	1112595.332		
Y10	1748105.397	1112795.332		
Y11	1748105.397	1112995.332		
Y12	1748105.397	1113195.332		
Y13	1748105.397	1113395.332		
Y14	1748105.397	1113595.332		
Y15	1748105.397	1113795.332		
Y16	1748105.397	1113995.332		
Y17	1748105.397	1114195.332		

Y18	1748105.397	1114395.332		
Y19	1748105.397	1114595.332		
Y20	1748105.397	1114795.332		
Y21	1748105.397	1114995.332		
Y22	1748105.397	1115195.332		
Y23	1748105.397	1115395.332		
Y24	1748105.397	1115595.332	X	
Y25	1748105.397	1115795.332	X	
Z07	1748205.397	1112345.306	X	
Z08	1748205.397	1112395.332		
Z09	1748205.397	1112595.332		
Z10	1748205.397	1112795.332		
Z11	1748205.397	1112995.332		
Z12	1748205.397	1113195.332		
Z13	1748205.397	1113395.332		
Z14	1748205.397	1113595.332		
Z15	1748205.397	1113795.332		
Z16	1748205.397	1113995.332		
Z17	1748205.397	1114195.332		
Z18	1748205.397	1114395.332		
Z19	1748205.397	1114595.332		
Z20	1748205.397	1114795.332		
Z21	1748205.397	1114995.332		
Z22	1748205.397	1115195.332		
Z23	1748205.397	1115395.332	X	
Z24	1748205.397	1115595.332	X	
AA07	1748305.397	1112305.332	X	
AA08	1748305.397	1112395.332		
AA09	1748305.397	1112595.332		

AA10	1748305.397	1112795.332		
AA11	1748305.397	1112995.332		
AA12	1748305.397	1113195.332		
AA13	1748305.397	1113395.332		
AA14	1748305.397	1113595.332		
AA15	1748305.397	1113795.332		
AA16	1748305.397	1113995.332		
AA17	1748305.397	1114195.332		
AA18	1748305.397	1114395.332		
AA19	1748305.397	1114595.332		
AA20	1748305.397	1114795.332		
AA21	1748305.397	1114995.332		
AA22	1748305.397	1115195.332		
AA23	1748305.397	1115395.332	X	
AB07	1748405.397	1112265.176	X	
AB08	1748405.397	1112395.332		
AB09	1748405.397	1112595.332		
AB10	1748405.397	1112795.332		
AB11	1748405.397	1112995.332		
AB12	1748405.397	1113195.332		
AB13	1748405.397	1113395.332		
AB14	1748405.397	1113595.332		
AB15	1748405.397	1113795.332		
AB16	1748405.397	1113995.332		
AB17	1748405.397	1114195.332		
AB18	1748405.397	1114395.332		
AB19	1748405.397	1114595.332		
AB20	1748405.397	1114795.332		
AB21	1748405.397	1114995.332		

AB22	1748405.397	1115195.332	X	
AC06	1748081.172	1111995.332	X	NE corner of triangular grid
AC07	1748505.397	1112195.332	X	
AC08	1748505.397	1112395.332		
AC09	1748505.397	1112595.332		
AC10	1748505.397	1112795.332		
AC11	1748505.397	1112995.332		
AC12	1748505.397	1113195.332		
AC13	1748505.397	1113395.332		
AC14	1748505.397	1113595.332		
AC15	1748505.397	1113795.332		
AC16	1748505.397	1113995.332		
AC17	1748505.397	1114195.332		
AC18	1748505.397	1114395.332		
AC19	1748505.397	1114595.332		
AC20	1748505.397	1114795.332		
AC21	1748505.397	1114995.332	X	
AD06	1748605.397	1112185.038	X	
AD07	1748605.397	1112195.332		
AD08	1748605.397	1112395.332		
AD09	1748605.397	1112595.332		
AD10	1748605.397	1112795.332		
AD11	1748605.397	1112995.332		
AD12	1748605.397	1113195.332		
AD13	1748605.397	1113395.332		
AD14	1748605.397	1113595.332		
AD15	1748605.397	1113795.332		
AD16	1748605.397	1113995.332		
AD17	1748605.397	1114195.332		

AD18	1748605.397	1114395.332		
AD19	1748605.397	1114595.332		
AD20	1748605.397	1114795.332	X	
AD21	1748605.397	1114995.332	X	
AE06	1748705.397	1112144.968	X	
AE07	1748705.397	1112195.332		
AE08	1748705.397	1112395.332		
AE09	1748705.397	1112595.332		
AE10	1748705.397	1112795.332		
AE11	1748705.397	1112995.332		
AE12	1748705.397	1113195.332		
AE13	1748705.397	1113395.332		
AE14	1748705.397	1113595.332		
AE15	1748705.397	1113795.332		
AE16	1748705.397	1113995.332		
AE17	1748705.397	1114195.332		
AE18	1748705.397	1114395.332		
AE19	1748705.397	1114595.332	X	
AE20	1748705.397	1114795.332	X	
AF06	1748805.397	1112104.899	X	
AF07	1748805.397	1112195.332		
AF08	1748805.397	1112395.332		
AF09	1748805.397	1112595.332		
AF10	1748805.397	1112795.332		
AF11	1748805.397	1112995.332		
AF12	1748805.397	1113195.332		
AF13	1748805.397	1113395.332		
AF14	1748805.397	1113595.332		
AF15	1748805.397	1113795.332		

AF16	1748805.397	1113995.332		
AF17	1748805.397	1114195.332		
AF18	1748805.397	1114395.332		
AF19	1748805.397	1114595.332	X	
AG05	1748905.397	1111795.332	X	NE corner of triangular grid
AG06	1748939.022	1111995.332	X	
AG07	1748905.397	1112195.332		
AG08	1748905.397	1112395.332		
AG09	1748905.397	1112595.332		
AG10	1748905.397	1112795.332		
AG11	1748905.397	1112995.332		
AG12	1748905.397	1113195.332		
AG13	1748905.397	1113395.332		
AG14	1748905.397	1113595.332		
AG15	1748905.397	1113795.332		
AG16	1748905.397	1113995.332		
AG17	1748905.397	1114195.332		
AG18	1748905.397	1114395.332		
AG19	1748905.397	1114595.332	X	
AG20	1748946.231	1114795.332	X	
AH04	1749105.397	1111795.332	X	NE corner of triangular grid
AH05	1749034.054	1111795.332	X	
AH06	1749005.332	1111995.332		
AH07	1749005.332	1112195.332		
AH08	1749005.332	1112395.332		
AH09	1749005.332	1112595.332		
AH10	1749005.332	1112795.332		
AH11	1749005.332	1112995.332		
AH12	1749005.332	1113195.332		

AH13	1749005.332	1113395.332		
AH14	1749005.332	1113595.332		
AH15	1749005.332	1113795.332		
AH16	1749005.332	1113995.332		
AH17	1749005.332	1114195.332		
AH18	1749005.332	1114395.332		
AH19	1749005.332	1114595.332		
AH20	1749005.332	1114795.332	X	
AJ03	1749205.397	1111595.332	X	NE corner of triangular grid
AJ04	1749129.088	1111595.332	X	
AJ05	1749105.397	1111795.332		
AJ06	1749105.397	1111995.332		
AJ07	1749105.397	1112195.332		
AJ08	1749105.397	1112395.332		
AJ09	1749105.397	1112595.332		
AJ10	1749105.397	1112795.332		
AJ11	1749105.397	1112995.332		
AJ12	1749105.397	1113195.332		
AJ13	1749105.397	1113395.332		
AJ14	1749105.397	1113595.332		
AJ15	1749105.397	1113795.332		
AJ16	1749105.397	1113995.332		
AJ17	1749105.397	1114195.332		
AJ18	1749105.397	1114395.332		
AJ19	1749105.397	1114595.332		
AJ20	1749105.397	1114795.332		
AJ21	1749115.274	1114995.332	X	
AK02	1749260.000	1111319.332	X	
AK03	1749224.120	1111395.332	X	

AK04	1749205.397	1111595.332		
AK05	1749205.397	1111795.332		
AK06	1749205.397	1111995.332		
AK07	1749205.397	1112195.332		
AK08	1749205.397	1112395.332		
AK09	1749205.397	1112595.332		
AK10	1749205.397	1112795.332		
AK11	1749205.397	1112995.332		
AK12	1749205.397	1113195.332		
AK13	1749205.397	1113395.332		
AK14	1749205.397	1113595.332		
AK15	1749205.397	1113795.332		
AK16	1749205.397	1113995.332		
AK17	1749205.397	1114195.332		
AK18	1749205.397	1114395.332		
AK19	1749205.397	1114595.332		
AK20	1749205.397	1114795.332		
AK21	1749205.397	1114995.332	X	
AL02	1749305.397	1111312.03	X	
AL03	1749305.397	1111395.332		
AL04	1749305.397	1111595.332		
AL05	1749305.397	1111795.332		
AL06	1749305.397	1111995.332		
AL07	1749305.397	1112195.332		
AL08	1749305.397	1112395.332		
AL09	1749305.397	1112595.332		
AL10	1749305.397	1112795.332		
AL11	1749305.397	1112995.332		
AL12	1749305.397	1113195.332		

AL13	1749305.397	1113395.332		
AL14	1749305.397	1113595.332		
AL15	1749305.397	1113795.332		
AL16	1749305.397	1113995.332		
AL17	1749305.397	1114195.332		
AL18	1749305.397	1114395.332		
AL19	1749305.397	1114595.332		
AL20	1749305.397	1114795.332		
AL21	1749305.397	1114995.332		
AL22	1749305.397	1115195.332	X	
AM02	1749405.397	1111296.165	X	
AM03	1749405.397	1111395.332		
AM04	1749405.397	1111595.332		
AM05	1749405.397	1111795.332		
AM06	1749405.397	1111995.332		
AM07	1749405.397	1112195.332		
AM08	1749405.397	1112395.332		
AM09	1749405.397	1112595.332		
AM10	1749405.397	1112795.332		
AM11	1749405.397	1112995.332		
AM12	1749405.397	1113195.332		
AM13	1749405.397	1113395.332		
AM14	1749405.397	1113595.332		
AM15	1749405.397	1113795.332		
AM16	1749405.397	1113995.332		
AM17	1749405.397	1114195.332		
AM18	1749405.397	1114395.332		
AM19	1749405.397	1114595.332		
AM20	1749405.397	1114795.332		

AM21	1749405.397	1114995.332		
AM22	1749405.397	1115195.332	X	
AM23	1749445.892	1115395.332	X	
AN02	1749505.397	1111280.332	X	
AN03	1749505.397	1111395.332		
AN04	1749505.397	1111595.332		
AN05	1749505.397	1111795.332		
AN06	1749505.397	1111995.332		
AN07	1749505.397	1112195.332		
AN08	1749505.397	1112395.332		
AN09	1749505.397	1112777.211	X	
AN10	1749505.397	1112795.332	X	
AN11	1749505.397	1112995.332		
AN12	1749505.397	1113195.332		
AN13	1749505.397	1113395.332		
AN14	1749505.397	1113595.332		
AN15	1749505.397	1113795.332		
AN16	1749505.397	1113995.332		
AN17	1749505.397	1114195.332		
AN18	1749505.397	1114395.332		
AN19	1749505.397	1114595.332		
AN20	1749505.397	1114795.332		
AN21	1749505.397	1114995.332		
AN22	1749505.397	1115195.332		
AN23	1749505.397	1115395.332	X	
AP02	1749605.397	1111195.332	X	
AP03	1749605.397	1111395.332		
AP04	1749605.397	1111595.332		
AP05	1749605.397	1111795.332		

AP06	1749605.397	1111995.332		
AP07	1749605.397	1112195.332		
AP08	1749605.397	1112395.332		
AP09	1749605.397	1112595.332	X	
AP10	1749605.397	1112884.969	X	
AP11	1749605.397	1112995.332		
AP12	1749605.397	1113195.332		
AP13	1749605.397	1113395.332		
AP14	1749605.397	1113595.332		
AP15	1749605.397	1113795.332		
AP16	1749605.397	1113995.332		
AP17	1749605.397	1114195.332		
AP18	1749605.397	1114395.332		
AP19	1749605.397	1114595.332		
AP20	1749605.397	1114795.332		
AP21	1749605.397	1114995.332		
AP22	1749605.397	1115195.332		
AP23	1749605.397	1115395.332	X	
AR02	1749705.397	1111248.569	X	
AR03	1749705.397	1111395.332		
AR04	1749705.397	1111595.332		
AR05	1749705.397	1111795.332		
AR06	1749705.397	1111995.332		
AR07	1749705.397	1112195.332		
AR08	1749705.397	1112395.332	X	
AR11	1749705.397	1112995.332	X	
AR12	1749705.397	1113195.332		
AR13	1749705.397	1113395.332		
AR14	1749705.397	1113595.332		

AR15	1749705.397	1113795.332		
AR16	1749705.397	1113995.332		
AR17	1749705.397	1114195.332		
AR18	1749705.397	1114395.332		
AR19	1749705.397	1114595.332		
AR20	1749705.397	1114795.332		
AR21	1749705.397	1114995.332		
AR22	1749705.397	1115195.332		
AR23	1749705.397	1115395.332	X	
AR24	1749718.442	1115595.332	X	
AS02	1749805.397	1111232.703	X	
AS03	1749805.397	1111395.332		
AS04	1749805.397	1111595.332		
AS05	1749805.397	1111795.332		
AS06	1749805.397	1111995.332		
AS07	1749805.397	1112195.332		
AS08	1749805.397	1112395.332	X	
AS11	1749805.397	1113100.488	X	
AS12	1749805.397	1113195.332	X	
AS13	1749805.397	1113395.332		
AS14	1749805.397	1113595.332		
AS15	1749805.397	1113795.332		
AS16	1749805.397	1113995.332		
AS17	1749805.397	1114195.332		
AS18	1749805.397	1114395.332		
AS19	1749805.397	1114595.332		
AS20	1749805.397	1114795.332		
AS21	1749805.397	1114995.332		
AS22	1749805.397	1115195.332		

AS23	1749805.397	1115395.332		
AS24	1749805.397	1115595.332	X	
AT02	1749805.397	1111195.332	X	
AT03	1749805.397	1111395.332		
AT04	1749805.397	1111595.332		
AT05	1749805.397	1111795.332		
AT06	1749805.397	1111995.332		
AT07	1749805.397	1112195.332		
AT08	1749805.397	1112395.332	X	
AT12	1749805.397	1113208.248	X	
AT13	1749805.397	1113395.332		
AT14	1749805.397	1113595.332		
AT15	1749805.397	1113795.332		
AT16	1749805.397	1113995.332		
AT17	1749805.397	1114195.332		
AT18	1749805.397	1114395.332		
AT19	1749805.397	1114595.332		
AT20	1749805.397	1114795.332		
AT21	1749805.397	1114995.332		
AT22	1749805.397	1115195.332		
AT23	1749805.397	1115395.332		
AT24	1749805.397	1115595.332	X	
AT25	1749805.397	1115795.332	X	
AU01	1750105.397	1111195.332	X	NE corner of triangular grid
AU02	1750044.648	1111195.332	X	
AU03	1750005.397	1111395.332		
AU04	1750005.397	1111595.332		
AU05	1750005.397	1111795.332		
AU06	1750005.397	1111995.332		

AU07	1750005.397	1112195.332	X	
AU08	1750005.397	1112395.332	X	
AU12	1750005.397	1113316.008	X	
AU13	1750005.397	1113423.767	X	
AU14	1750005.397	1113595.332		
AU15	1750005.397	1113795.332		
AU16	1750005.397	1113995.332		
AU17	1750005.397	1114195.332		
AU18	1750005.397	1114395.332		
AU19	1750005.397	1114595.332		
AU20	1750005.397	1114795.332		
AU21	1750005.397	1114995.332		
AU22	1750005.397	1115195.332		
AU23	1750005.397	1115395.332		
AU24	1750005.397	1115595.332		
AU25	1750005.397	1115795.332	X	
AV01	1750105.397	1111185.100	X	
AV02	1750105.397	1111195.332		
AV03	1750105.397	1111395.332		
AV04	1750105.397	1111595.332		
AV05	1750105.397	1111795.332		
AV06	1750105.397	1111995.332	X	
AV07	1750105.397	1112195.332		
AV13	1750105.397	1113423.767	X	
AV14	1750105.397	1113595.332		
AV15	1750105.397	1113795.332		
AV16	1750105.397	1113995.332		
AV17	1750105.397	1114195.332		
AV18	1750105.397	1114395.332		

AV19	1750105.397	1114595.332		
AV20	1750105.397	1114795.332		
AV21	1750105.397	1114995.332		
AV22	1750105.397	1115195.332		
AV23	1750105.397	1115395.332		
AV24	1750105.397	1115595.332		
AV25	1750105.397	1115795.332	X	
AV26	1750138.900	1115995.332	X	
AW01	1750205.397	1111169.242	X	
AW02	1750205.398	1111195.332		
AW03	1750205.399	1111395.332		
AW04	1750205.400	1111595.332	X	
AW05	1750205.401	1111795.332	X	
AW13	1750205.402	1113531.526	X	
AW14	1750205.403	1113595.332	X	
AW15	1750205.404	1113795.332		
AW16	1750205.405	1113995.332		
AW17	1750205.406	1114195.332		
AW18	1750205.407	1114395.332		
AW19	1750205.408	1114595.332		
AW20	1750205.409	1114795.332		
AW21	1750205.410	1114995.332		
AW22	1750205.411	1115195.332		
AW23	1750205.412	1115395.332		
AW24	1750205.413	1115595.332		
AW25	1750205.414	1115795.332		
AW26	1750205.415	1115995.332	X	
AX01	1750305.397	1111153.376	X	
AX02	1750305.397	1111195.332		

AX03	1750305.397	1111395.332	X	
AX04	1750305.397	1111595.397	X	
AX14	1750305.397	1113639.286	X	
AX15	1750305.397	1113795.332		
AX16	1750305.397	1113995.332		
AX17	1750305.397	1114195.332		
AX18	1750305.397	1114395.332		
AX19	1750305.397	1114595.332		
AX20	1750305.397	1114795.332		
AX21	1750305.397	1114995.332		
AX22	1750305.397	1115195.332		
AX23	1750305.397	1115395.332		
AX24	1750305.397	1115595.332		
AX25	1750305.397	1115795.332		
AX26	1750305.397	1115995.332	X	
AY01	1750405.397	1111137.511	X	
AY02	1750405.397	1111195.332	X	
AY14	1750405.397	1113747.046	X	
AY15	1750405.397	1113795.332	X	
AY16	1750405.397	1113995.332		
AY17	1750405.397	1114195.332		
AY18	1750405.397	1114395.332		
AY19	1750405.397	1114595.332		
AY20	1750405.397	1114795.332		
AY21	1750405.397	1114995.332		
AY22	1750405.397	1115195.332		
AY23	1750405.397	1115395.332		
AY24	1750405.397	1115595.332		
AY25	1750405.397	1115795.332	X	

AY26	1750405.397	1115995.332	X	
AZ15	1750505.397	1113854.805	X	
AZ16	1750505.397	1113995.332		
AZ17	1750505.397	1114195.332		
AZ18	1750505.397	1114395.332		
AZ19	1750505.397	1114595.332		
AZ20	1750505.397	1114795.332		
AZ21	1750505.397	1114995.332		
AZ22	1750505.397	1115195.332		
AZ23	1750505.397	1115395.332		
AZ24	1750505.397	1115595.332		
AZ25	1750505.397	1115795.332	X	
BA15	1750605.397	1113962.564	X	
BA16	1750605.397	1113995.332	X	
BA17	1750605.397	1114195.332		
BA18	1750605.397	1114395.332		
BA19	1750605.397	1114595.332		
BA20	1750605.397	1114795.332		
BA21	1750605.397	1114995.332		
BA22	1750605.397	1115195.332		
BA23	1750605.397	1115395.332		
BA24	1750605.397	1115595.332	X	
BA25	1750605.397	1115795.332	X	
BB16	1750705.397	1114070.324	X	
BB17	1750705.397	1114195.332		
BB18	1750705.397	1114395.332		
BB19	1750705.397	1114595.332		
BB20	1750705.397	1114795.332		
BB21	1750705.397	1114995.332		

BB22	1750705.397	1115195.332		
BB23	1750705.397	1115395.332		
BB24	1750705.397	1115595.332	X	
BC16	1750805.397	1113962.564	X	
BC17	1750805.397	1114195.332	X	
BC18	1750805.397	1114395.332		
BC19	1750805.397	1114595.332		
BC20	1750805.397	1114795.332		
BC21	1750805.397	1114995.332		
BC22	1750805.397	1115195.332		
BC23	1750805.397	1115395.332	X	
BC24	1750805.397	1115595.332	X	
BD17	1750905.397	1114285.843	X	
BD18	1750905.397	1114395.332		
BD19	1750905.397	1114595.332		
BD20	1750905.397	1114795.332	X	
BD21	1750905.397	1115007.877	X	
BD22	1750905.397	1115195.332		
BD23	1750905.397	1115395.332	X	
BD24	1750905.397	1115595.332	X	
BE18	1751005.397	1114394.332	X	
BE19	1751005.397	1114595.332		
BE20	1751005.397	1114795.332	X	
BE21	1751005.397	1115127.109	X	
BE22	1751005.397	1115195.332	X	
BE23	1751005.397	1115395.332	X	
BF18	1751105.397	1114501.362	X	
BF19	1751105.397	1114595.332	X	
BF20	1751105.397	1114795.332	X	

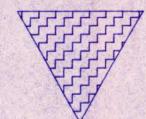
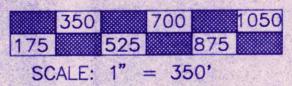
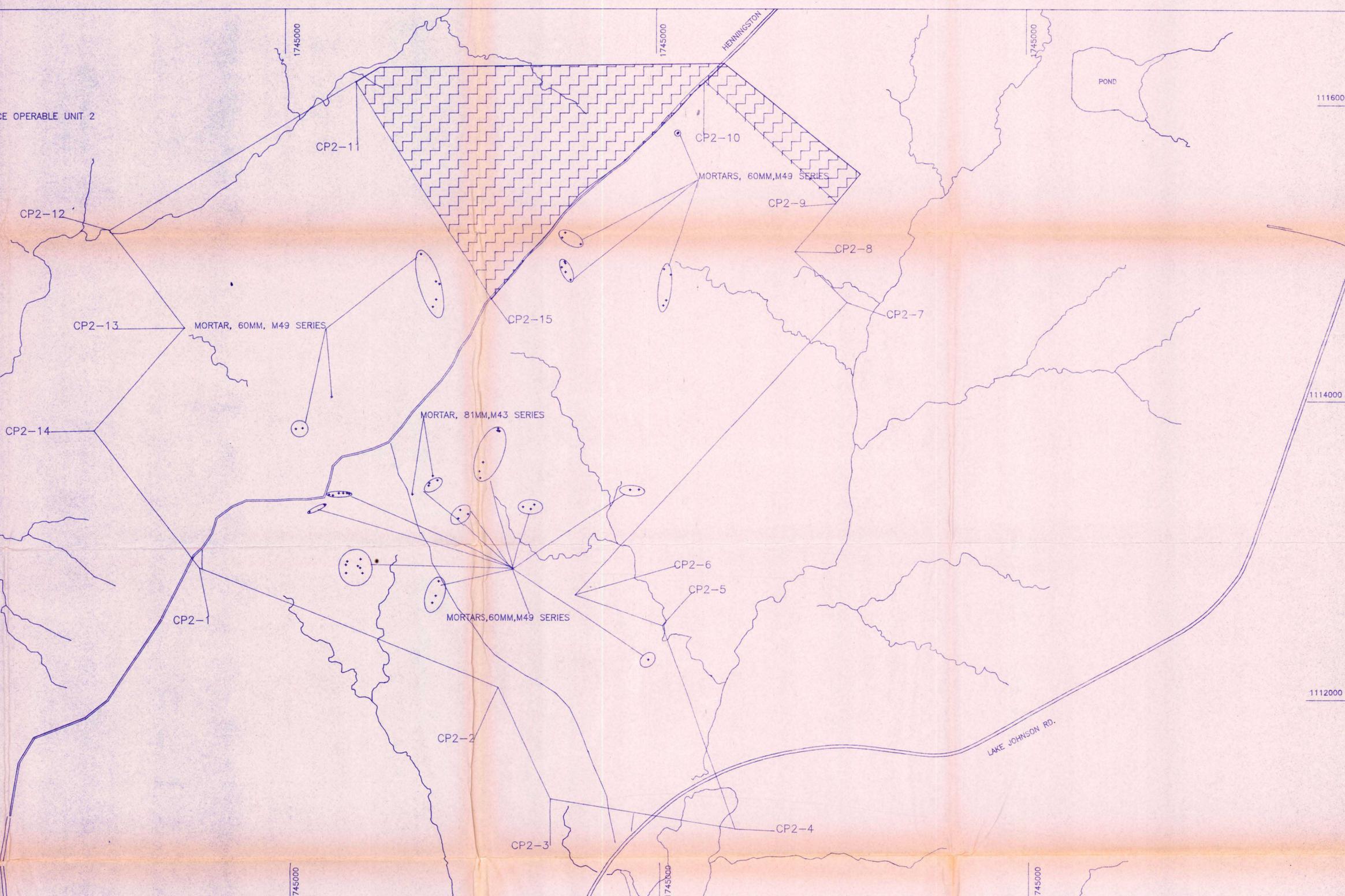
BF22	1751105.397	1115246.339	X	
BF23	1751105.397	1115395.322	X	
BG19	1751205.397	1114609.122	X	

The following is a tabulated list of coordinates for the corners of horse trail grids located in OOU2, IAW the Statement of Work, para 3.3.3.2.

GRID	EASTING	NORTHING	NOTE
HTCP-1	1746665.306	1112505.484	Beginning of horse trail at OOU2 western boundry.
HTCP-2	1747817.375	1112505.484	End of horse trail at OOU2 south eastern boundry.
HTACP-1	1748299.077	1113872.165	Intersection of horse trails on Henningston Road.
HTACP-2	1746874.172	1112886.976	End of HTA horse trail at OOU2 southern boundry.
HT-1	1746671.947	1114531.882	
HT-2	1746838.462	1114516.043	
HT-3	1746996.504	1114406.546	
HT-4	1747066.962	1114248.831	
HT-5	1747189.776	1114164.221	
HT-6	1747330.345	1114043.927	
HT-7	1747443.795	1113902.979	
HT-8	1747577.767	1113771.314	
HT-9	1747745.564	1113737.799	
HT-10	1747905.753	1113800.287	
HT-11	1748034.742	1113856.491	
HT-12	1748220.586	1113841.873	
HT-13	1748374.623	1113655.867	
HT-14	1748430.041	1113464.356	
HT-15	1748484.350	1113271.738	
HT-16	1748538.659	1113079.119	
HT-17	1748520.925	1112919.711	
HT-18	1748331.398	1112917.497	
HT-19	1748198.396	1112849.970	
HT-20	1748083.129	1112689.455	
HT-21	1747937.935	1112582.076	
HT-21	1747803.568	1112511.133	
HTA-1	1748188.013	1113753.431	
HTA-2	1748058.753	1113603.392	
HTA-3	1747899.792	1113480.852	
HTA-4	1747741.931	1113357.419	
HTA-5	1747542.574	1113322.281	
HTA-6	1747342.316	1113322.281	
HTA-7	1747142.960	1113315.974	
HTA-8	1746972.469	1113247.500	
HTA-9	1746842.572	1113086.226	
HTA-10	1746865.158	1112893.115	

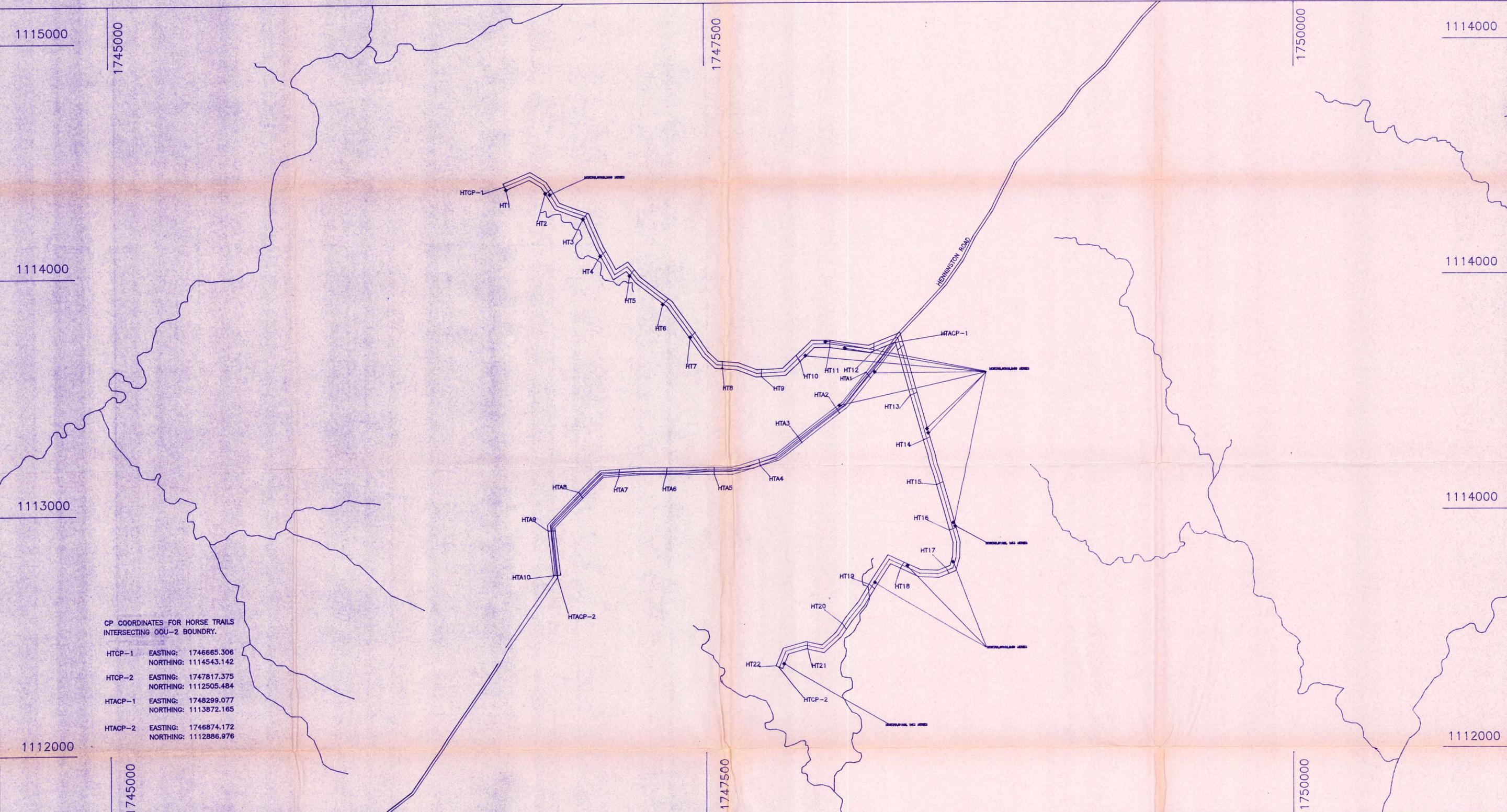
COORDINATES FOR CP'S ON ORDNANCE OPERABLE UNIT 2

CP2-1	EASTING: 1746885.55 NORTHING: 1112873.11
CP2-2	EASTING: 1748906.15 NORTHING: 1112063.91
CP2-3	EASTING: 1749259.75 NORTHING: 1111319.31
CP2-4	EASTING: 1750507.55 NORTHING: 1111122.11
CP2-5	EASTING: 1750028.52 NORTHING: 1112467.38
CP2-6	EASTING: 1749422.95 NORTHING: 1112689.51
CP2-7	EASTING: 1751252.15 NORTHING: 1114661.51
CP2-8	EASTING: 1750898.55 NORTHING: 1115001.51
CP2-9	EASTING: 1751175.19 NORTHING: 1115340.31
CP2-10	EASTING: 1750282.72 NORTHING: 1116148.94
CP2-11	EASTING: 1747946.66 NORTHING: 1116154.96
CP2-12	EASTING: 1746280.56 NORTHING: 1115150.45
CP2-13	EASTING: 1746784.55 NORTHING: 1114488.11
CP2-14	EASTING: 174126.35 NORTHING: 1113729.91
CP2-15	EASTING: 1748873.44 NORTHING: 1114696.62



AREA INDICATED BY THIS HATCH IS PRIVATE PROPERTY
UXO INVESTIGATION AND OR REMOVAL COULD NOT BE
ACCOMPLISHED BECAUSE RIGHT OF ENTRY WAS DENIED.

		FORMER CAMP CROFT ORDNANCE OPERABLE UNIT 2	
PROJECT TITLE: ORDNANCE, AMMUNITION, & EXPLOSIVE REMOVAL ACTION PROJECT LOCATION: SPARTANBURG, SOUTH CAROLINA CLIENT: U.S. ARMY CORPS OF ENGINEERS, HUNTSVILLE DIVISION CONTRACT NUMBER: DACAB7-94-D-0019 DRAWING NUMBER: #0019		SCALE: 1" = 350' SHEET: ISO A1 DATE: 18 MARCH 97 STATE: MD 83, SC STATE PLANE	



CP COORDINATES FOR HORSE TRAILS INTERSECTING OOU-2 BOUNDRY.

HTCP-1	EASTING: 1746665.306 NORTHING: 1114543.142
HTCP-2	EASTING: 1747817.375 NORTHING: 1112505.484
HTACP-1	EASTING: 1748299.077 NORTHING: 1113872.165
HTACP-2	EASTING: 1746874.172 NORTHING: 1112886.976

Coordinate data for OOU-2 horse trails and horse trail grids.
Line drawn down center of grids marks horse trail centerlines.

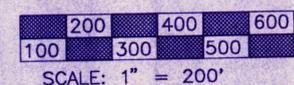
Grid HT-1 corner:	E1746671.947, N1114631.882
Troll intersects grid at:	E1746665.306, N1112505.484
Grid HT-2 corner:	E1746838.482, N1114516.043
Troll intersects grid at:	E1746847.958, N1114622.555
Grid HT-3 corner:	E1746996.504, N1114406.546
Troll intersects grid at:	E1747003.516, N111471.728
Grid HT-4 corner:	E1747066.982, N1114248.831
Troll intersects grid at:	E1747078.484, N1114258.615
Grid HT-5 corner:	E1747189.776, N1114178.122
Troll intersects grid at:	E1747198.432, N1114178.122
Grid HT-6 corner:	E1747330.345, N1114034.927
Troll intersects grid at:	E1747342.745, N1114056.447
Grid HT-7 corner:	E1747443.785, N1113802.979
Troll intersects grid at:	E1747451.449, N1113912.309

Grid HT-8 corner:	E1747577.767, N1113771.314
Troll intersects grid at:	E1747577.019, N1113785.019
Grid HT-9 corner:	E1747745.564, N1113737.789
Troll intersects grid at:	E1747745.697, N1113751.324
Grid HT-10 corner:	E1747905.753, N1113800.287
Troll intersects grid at:	E1747899.381, N1113813.098
Grid HT-11 corner:	E1748034.742, N1113856.491
Troll intersects grid at:	E1748034.322, N1113872.999
Grid HT-12 corner:	E1748220.586, N1113841.873
Troll intersects grid at:	E1748219.868, N1113856.024
Grid HT-13 corner:	E1748374.823, N1113856.867
Troll intersects grid at:	E1748334.193, N1113856.152
Grid HT-14 corner:	E1748430.041, N1113464.356
Troll intersects grid at:	E1748368.545, N1113661.472
Grid HT-15 corner:	E1748454.350, N1113470.536
Troll intersects grid at:	E1748441.022, N1113470.536

Grid HT-16 corner:	E1748538.858, N1113079.119
Troll intersects grid at:	E1748497.248, N1113277.729
Grid HT-17 corner:	E1748520.825, N1112919.711
Troll intersects grid at:	E1748551.600, N1113084.921
Grid HT-18 corner:	E1748331.398, N1112917.487
Troll intersects grid at:	E1748529.110, N1112907.089
Grid HT-19 corner:	E1748198.396, N1112949.970
Troll intersects grid at:	E1748339.818, N1112929.552
Grid HT-20 corner:	E1748083.129, N1112689.455
Troll intersects grid at:	E1748210.487, N1112839.699
Grid HT-21 corner:	E1747937.935, N1112582.076
Troll intersects grid at:	E1748092.423, N1112878.842
Grid HT-22 corner:	E1747830.568, N1112511.133
Troll intersects grid at:	E1747938.739, N1112594.478
Grid HTA-1 corner:	E1748188.013, N1113753.431
Troll intersects grid at:	E1748197.377, N1113740.093

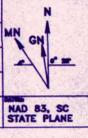
Grid HTA-2 corner:	E1748058.753, N1113863.392
Troll intersects grid at:	E1748068.058, N1113690.339
Grid HTA-3 corner:	E1747899.792, N1113480.852
Troll intersects grid at:	E1747908.752, N1113470.536
Grid HTA-4 corner:	E1747741.931, N1113357.419
Troll intersects grid at:	E1747738.326, N1113371.325
Grid HTA-5 corner:	E1747542.574, N1113322.281
Troll intersects grid at:	E1747534.284, N1113333.886
Grid HTA-6 corner:	E1747342.316, N1113322.281
Troll intersects grid at:	E1747342.745, N1113337.630
Grid HTA-7 corner:	E1747142.990, N1113315.974
Troll intersects grid at:	E1747142.207, N1113332.014
Grid HTA-8 corner:	E1746972.469, N1113247.500
Troll intersects grid at:	E1746982.900, N1113236.546
Grid HTA-9 corner:	E1746842.572, N1113086.226
Troll intersects grid at:	E1746859.204, N1113086.793

Grid HTA-10 corner:	E1746865.158, N1112893.115
Troll intersects grid at:	E1746874.172, N1112886.976



FORMER CAMP CROFT
HORSE TRAILS LOCATED WITHIN OOU-2

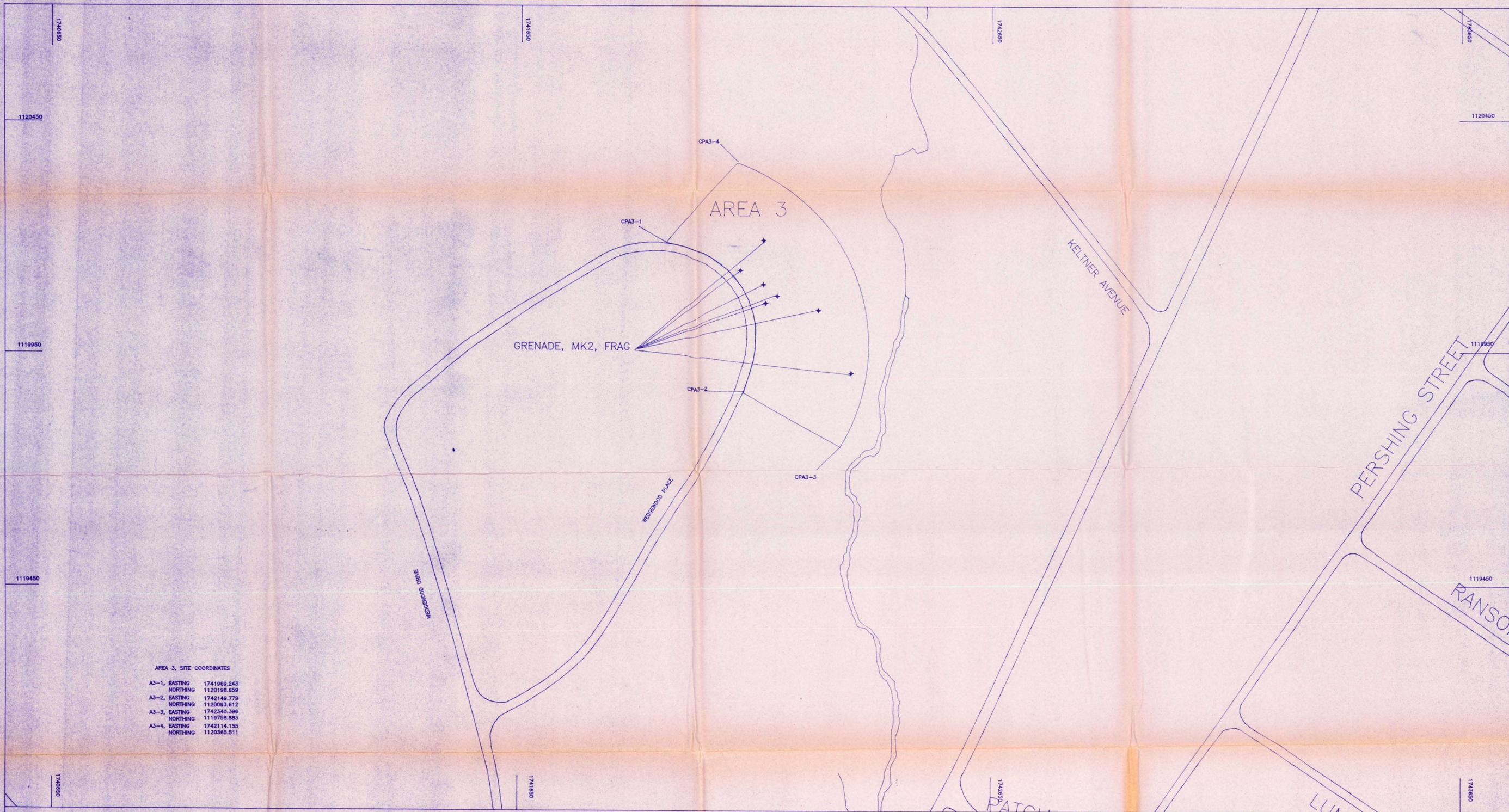
HUMAN FACTORS APPLICATIONS, INC.		ORDNANCE, AMMUNITION, & EXPLOSIVE REMOVAL ACTION	
CORPORATE OFFICES 4850 BUCKINGHAM GREEN, ROUTE 202 BUILDING 1, SUITE 2A HOLDCONG, PA 18928		SPARTANBURG, SOUTH CAROLINA	
PHONE: (215) 784-3838 FAX: (215) 784-7283		U.S. ARMY CORPS OF ENGINEERS, HUNTSVILLE DIVISION	
BRANCH OFFICE, WALDORF, MD PHONE: (201) 705-0544 FAX: (201) 705-7581		DACAB7-94-D-0019 #0019	
SCALE: 1" = 200 FT		DATE: 19 MARCH 97	



OOU - 3

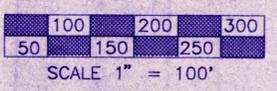
The following is a tabulated list of coordinates for grid corners located in Area 3, IAW the Statement of Work, para 3.3.3.2.

GRID	EASTING	NORTHING	PARTIALS
A3	1741969.243	1120198.659	X
B1	1742149.779	1120093.612	X
B2	1742134.075	1119869.726	X
B3	1742135.612	1120093.612	X
B4	1742049.779	1120293.612	X
C1	1742149.779	1119861.289	X
C2	1742149.779	1119893.612	X
C3	1742149.779	1120093.612	
C4	1742149.779	1120293.612	X
D1	1742249.779	1119807.566	X
D2	1742249.779	1119893.612	
D3	1742249.779	1120093.612	X
E1	1742349.779	1119775.499	X
E2	1742349.779	1119893.612	X
E3	1742349.779	1120093.612	X



AREA 3, SITE COORDINATES

A3-1, EASTING	1741969.243
NORTHING	1120198.659
A3-2, EASTING	1742149.779
NORTHING	1120093.612
A3-3, EASTING	1742340.396
NORTHING	1119759.883
A3-4, EASTING	1742114.155
NORTHING	1120365.511



FORMER CAMP CROFT
AREA 3

HUMAN FACTORS APPLICATIONS, INC. CORPORATE OFFICES 4950 BUCKINGHAM GREEN, ROUTE 202 BUILDING 1, SUITE 2A HOLLIDAY, PA 15828 PHONE: (412) 794-3383 FAX: (412) 794-7382		ORDNANCE, AMMUNITION, & EXPLOSIVE REMOVAL ACTION SPARTANBURG, SOUTH CAROLINA U.S. ARMY CORPS OF ENGINEERS, HUNTSVILLE DIVISION DACAB7-94-D-0019 #0019		
BRANCH OFFICE, WALDORF, MD PHONE: (301) 798-8544 FAX: (301) 798-7981		1" = 100' ISO A1 17 MARCH 97 IAD AS, SC STATE PLANE		

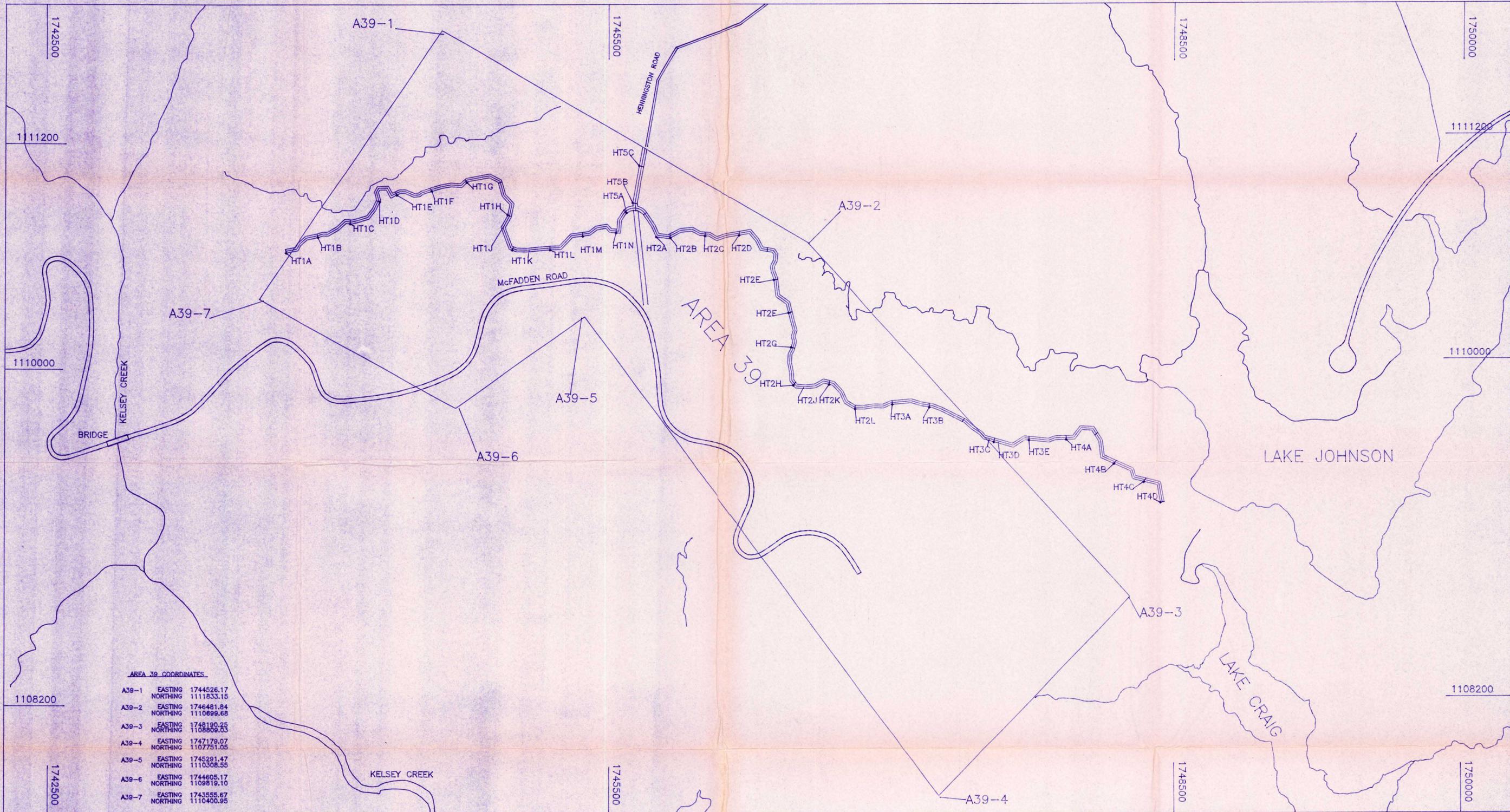
AREA 39 HORSE TRAILS

DACA87-94-D-0019
Task Order 0019

28 May 1997
Removal Action Report

The following is a tabulated list of coordinates for grid corners located in Area 39 IAW the Statement of Work, para 3.3.3.2.

GRID#	EASTING	NORTHING
HT1A	1743694.646	1110642.057
HT1B	1743809.214	1110714.467
HT1C	1743993.983	1110782.199
HT1D	1744162.359	1110854.609
HT1E	1744255.900	1110934.023
HT1F	1744419.596	1110952.708
HT1G	1744609.017	1110999.425
HT1H	1744796.107	1111043.803
HT1J	1744875.612	1110702.791
HT1K	1744875.612	1110702.791
HT1L	1745048.660	1110656.014
HT1M	1745221.720	1110728.484
HT1N	1745406.463	1110770522
HT2A	1745670.718	1110726.144
HT2B	1745729.185	1110721.471
HT2C	1745916.267	1110735.487
HT2D	1746108.028	1110737.821
HT2E	1746299.788	1110504.250
HT2F	1746376.962	1110324.404
HT2G	1746390.998	1110135.211
HT2H	1746383.980	1109960.368
HT2J	1746400.347	1108843.683
HT2K	1746582.750	1109946.017
HT2L	1746725.409	1109812.883
HT3A	1746917.162	1109831.568
HT3B	1747108.922	1109824.560
HT3C	1747296.005	1109745.147
HT3D	1747457.369	1109637.701
HT3E	1747642.112	1109644.709
HT4A	1747838.551	1109647.049
HT4B	1748030.312	1109548.950
HT4C	1748100.467	1109523.257
HT4D	1748263.479	1109421.969
HT5A	1745511.772	1110857.611
HT5B	1745544.366	1110909.951
HT5C	1745578.784	1111114.939



AREA 39 COORDINATES

A39-1	EASTING	1744526.17
	NORTHING	1111833.15
A39-2	EASTING	1746481.84
	NORTHING	1110699.68
A39-3	EASTING	1748190.25
	NORTHING	1108909.03
A39-4	EASTING	1747179.07
	NORTHING	1107751.05
A39-5	EASTING	1745291.47
	NORTHING	1110308.55
A39-6	EASTING	1744605.17
	NORTHING	1109819.10
A39-7	EASTING	1743555.67
	NORTHING	1110400.95

Coordinate data for Area 39 horse trails and horse trail grids.
Line drawn down center of grids in trail.

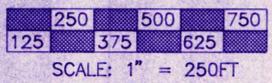
Grid HT1A corner: E1743696.702, N1110845.213
Trail Intersects grid at: E1744689.866, N1110842.430
Grid HT1B corner: E1743688.718, N1110728.384
Trail Intersects grid at: E1743680.137, N1110736.597
Grid HT1C corner: E1744040.067, N1110801.272
Trail Intersects grid at: E1744047.126, N1110810.884
Grid HT1D corner: E1744198.396, N1110817.905
Trail Intersects grid at: E1744188.981, N1110920.749
Grid HT1E corner: E1744288.170, N1110953.842
Trail Intersects grid at: E1744284.821, N1110964.259
Grid HT1F corner: E1744476.050, N1110975.831
Trail Intersects grid at: E1744471.859, N1110984.564
Grid HT1G corner: E1744682.899, N1111023.182
Trail Intersects grid at: E1744657.529
Grid HT1H corner: E174480.221, N1110846.475
Trail Intersects grid at: E1744840.494, N1111023.240

Grid HT1J corner: E1744904.381, N1110860.587
Trail Intersects grid at: E1744909.866, N1110860.587
Grid HT1K corner: E1744904.381, N1110860.587
Trail Intersects grid at: E1744907.291, N1110870.322
Grid HT1L corner: E1745105.999, N1110661.550
Trail Intersects grid at: E1745105.746, N1110672.256
Grid HT1M corner: E1745289.212, N1110735.572
Trail Intersects grid at: E1745278.083, N1110745.740
Grid HT1N corner: E1745457.315, N1110753.353
Trail Intersects grid at: E1745457.157, N1110762.177
Grid HT1S corner: E1745511.772, N1110857.811
Trail Intersects grid at: E1745504.123, N1110864.100
Grid HT1T corner: E1745544.368, N1110909.951
Trail Intersects grid at: E1745556.893, N1110907.856
Grid HT1U corner: E174578.784, N1111114.939
Trail Intersects grid at: E1745581.741, N1111110.884

Grid HT2A corner: E1745750.384, N1110798.014
Trail Intersects grid at: E1745611.017, N1110853.589
Grid HT2B corner: E1745745.082, N1110728.950
Trail Intersects grid at: E1745742.444, N1110736.333
Grid HT2C corner: E1745929.421, N1110736.044
Trail Intersects grid at: E1745929.947, N1110745.084
Grid HT2D corner: E1746118.054, N1110738.408
Trail Intersects grid at: E1746117.450, N1110750.335
Grid HT2E corner: E1746302.374, N1110498.113
Trail Intersects grid at: E1746268.153, N1110661.073
Grid HT2F corner: E1746378.370, N1110328.317
Trail Intersects grid at: E1746311.862, N1110561.801
Grid HT2G corner: E1746383.329, N1110141.463
Trail Intersects grid at: E1746389.066, N1110328.527
Grid HT2H corner: E1746404.876, N1109939.580
Trail Intersects grid at: E1746403.085, N1110137.751

Grid HT2J corner: E1746404.876, N1109939.580
Trail Intersects grid at: E1746410.094, N1109948.726
Grid HT2K corner: E1746584.974, N1109944.866
Trail Intersects grid at: E1746586.848, N1109955.727
Grid HT2L corner: E1746734.529, N1109813.164
Trail Intersects grid at: E1746734.281, N1109822.709
Grid HT2M corner: E1746932.875, N1109835.837
Trail Intersects grid at: E1746930.546, N1109848.982
Grid HT2N corner: E1747127.228, N1109822.295
Trail Intersects grid at: E1747126.811, N1109829.710
Grid HT2O corner: E1747469.408, N1109834.348
Trail Intersects grid at: E1747509.057, N1109782.699
Grid HT2P corner: E1747469.408, N1109834.348
Trail Intersects grid at: E1747470.274, N1109644.185
Grid HT2Q corner: E1747856.189, N1109644.437
Trail Intersects grid at: E1747856.025, N1109652.936

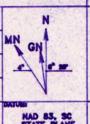
Grid HT4A corner: E1747852.000, N1109647.802
Trail Intersects grid at: E1747838.351, N1109647.049
Grid HT4B corner: E1748105.812, N1109615.878
Trail Intersects grid at: E1748010.002, N1109677.439
Grid HT4C corner: E1748283.464, N1109421.586
Trail Intersects grid at: E1748111.839, N1109528.869
Grid HT4D corner: E1748383.455, N1109310.845
Trail Intersects grid at: E1748271.104, N1109432.406



**FORMER CAMP CROFT
AREA 39 HORSE TRAILS**

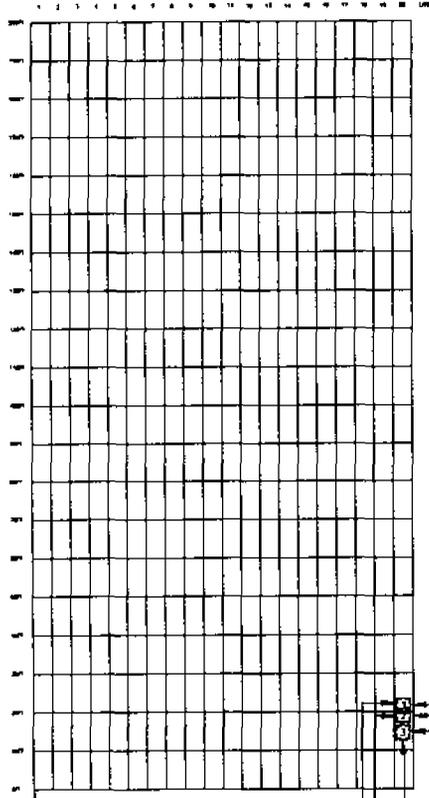
CONTRACTOR:
HUMAN FACTORS APPLICATIONS, INC.
CORPORATE OFFICES
4850 BUCKINGHAM GREEN, ROUTE 202
BUILDING 1, SUITE 2A
HOLMDEN, PA 19038
PHONE: (610) 794-3888
FAX: (610) 794-7888
BRANCH OFFICE: WALDORF, MD
PHONE: (301) 758-8844
FAX: (301) 758-7881

PROJECT TITLE:
ORDNANCE, AMMUNITION, & EXPLOSIVE REMOVAL ACTION
PROJECT LOCATION:
SPARTANBURG, SOUTH CAROLINA
CONTRACT NUMBER:
DACA87-94-D-0019
CONTRACT ORDER:
#0019
SCALE:
1" = 250'
PAPER SIZE:
ISO A1
DATE:
20 FEBRUARY 97
DRAWN BY:
MAD BS, SC
STATE PLANE



APPENDIX F
GRID SHEETS

OOU - 7



HAND GRENADE, MK2, FRAG
LIVE

EASTING: 1747325.780
NORTHING: 1103112.013

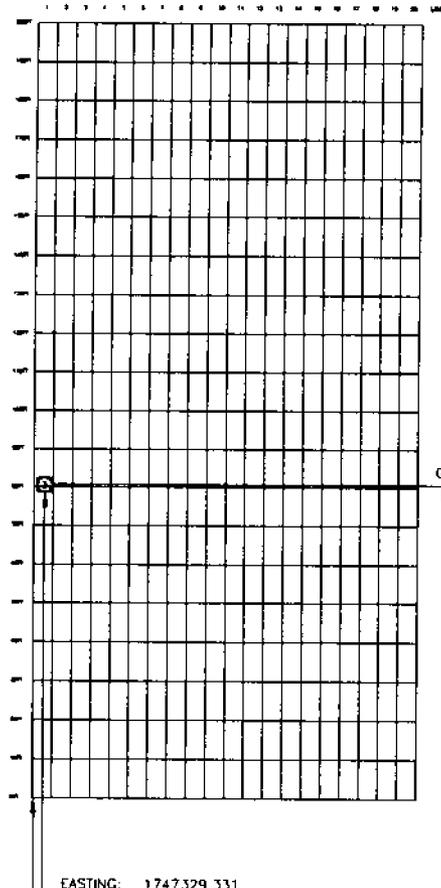
EASTING: 1747380.635
NORTHING: 1103192.989

EASTING: 1747377.516
NORTHING: 1103195.537

EASTING: 1747375.248
NORTHING: 1103198.369

	NOTE:
	<p>48</p> <p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in Inches</p>

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: <h2 style="text-align: center;">CROFT STATE PARK</h2> <h3 style="text-align: center;">AREA: OOU-7 GRID: B10</h3>	
PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action		PROJECT LOCATION: Camp Croft State Park, South Carolina	
HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		CLIENT NAME: U.S. Army Corps of Engineers	
DATE: 8 JANUARY 97 BY HFA: ELH		CONTRACT NUMBER: DACA87-94-D-0019	TASK ORDER: #0019
SCALE: 1" = 50'		PAPER SIZE: 8.5" X 11"	DATUM: NAD83, SC STATE PLANE



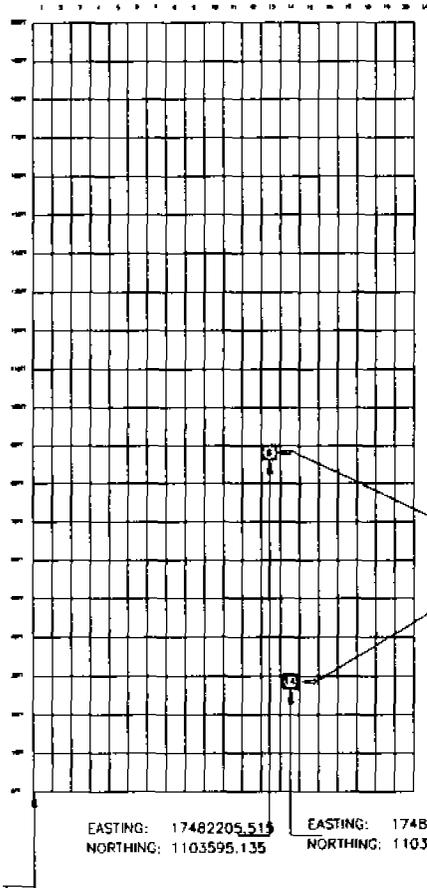
EASTING: 1747386.000
NORTHING: 1103468.025

EASTING: 1747329.331
NORTHING: 1103524.269

GRENADE. HAND, MK2, PRATICE
LIVE

	NOTE:
	<p>48</p> <p>Symbol indicates Mark's Location</p> <p>Number indicates Item Depth in Inches</p>

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: <h2 style="text-align: center;">CROFT STATE PARK</h2> <h3 style="text-align: center;">AREA: OOU-7 GRID: E11</h3>	
		PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action	
		PROJECT LOCATION: Camp Croft State Park, South Carolina	
HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		CLIENT NAME: U.S. Army Corps of Engineers	
		CONTRACT NUMBER: DACA87-94-D-0019	TASK ORDER: #0019
DATE: 8 JANUARY 97	BY HFA: ELH	SCALE: 1" = 50'	PAPER SIZE: 8.5" X 11"
		DATUM: NAD83, SC STATE PLANE	



MORTAR, 60mm, M49 SERIES
LIVE

EASTING: 1748233.202
NORTHING: 1103489.167

EASTING: 17482205.519
NORTHING: 1103595.135

EASTING: 1748267.441
NORTHING: 1103556.536

	<p>NOTE:</p> <p>48</p> <p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in Inches</p>
--	--

CONTRACTOR:
Human Factors Applications, Inc.
700 Old Line Center, Suite 210
Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
Fax: (301) 705-7561

Richard Thiel, Project Manager

DRAWING:
CROFT STATE PARK
AREA: 00U-7 GRID: L8

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

HFA, Inc. LOU Division, Croft State Park, SC
Arnie Niederhoffer, Senior UXO Supervisor
Phone: (864) 583-5791/3167
Fax: (864) 583-3865

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACA87-94-D-0019

TASK ORDER: #0019

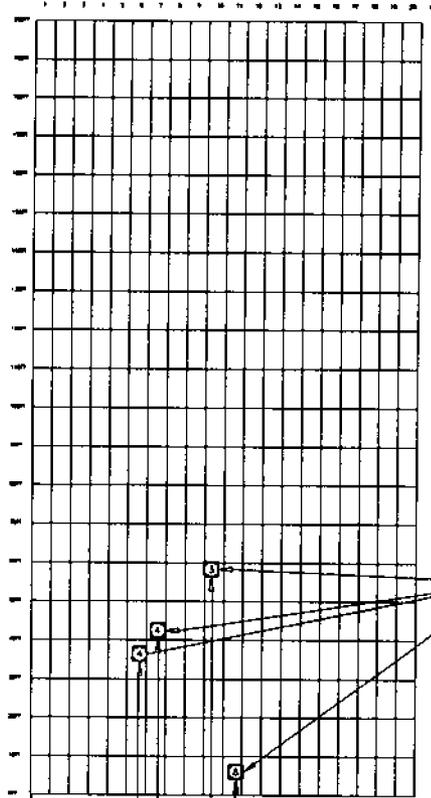
DATE: 8 JANUARY 97

BY HFA: ELH

SCALE: 1" = 50'

PAPER SIZE: 8.5" X 11"

DATUM: NAD83, SC STATE PLANE



MORTAR, 60mm, M49 SERIES
LIVE

EASTING: 1748157.810
NORTHING: 1103699.902

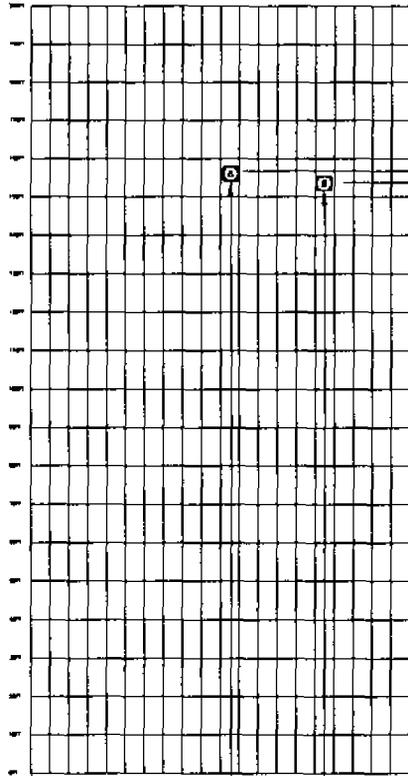
EASTING: 1748147.180
NORTHING: 1103775.502

EASTING: 1748148.455
NORTHING: 1103753.841

EASTING: 1748149.306
NORTHING: 1103745.772

	NOTE:
	<p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in Inches</p>

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: <h2 style="text-align: center;">CROFT STATE PARK</h2> <h3 style="text-align: center;">AREA: OOU-7 GRID: M9</h3>	
PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action		PROJECT LOCATION: Camp Croft State Park, South Carolina	
CLIENT NAME: U.S. Army Corps of Engineers		CONTRACT NUMBER: DACA87-94-D-0019	
HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		TASK ORDER: #0019	
DATE: 8 JANUARY 97	BY HFA: ELH	SCALE: 1" = 50'	PAPER SIZE: 8.5" X 11"
DATUM: NAD83, SC STATE PLANE			



MORTAR, 60mm, M49 SERIES
LIVE

EASTING: 1748302.789
NORTHING: 1103561.803

EASTING: 1748225.591
NORTHING: 1103709.157

EASTING: 1748244.462
NORTHING: 1103724.578

	NOTE:
	 Symbol indicates Item's Location Number indicates Item's Depth in Inches

CONTRACTOR:
Human Factors Applications, Inc.
700 Old Line Center, Suite 210
Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
Fax: (301) 705-7561

Richard Thiel, Project Manager

HFA, Inc. EOD Division, Croft State Park, SC
Arnie Niederhoffer, Senior UXO Supervisor
Phone: (864) 583-5791/3167
Fax: (864) 583-3865

DRAWING:

CROFT STATE PARK
AREA: OOU-7 GRID: M8

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACA87-94-D-0019

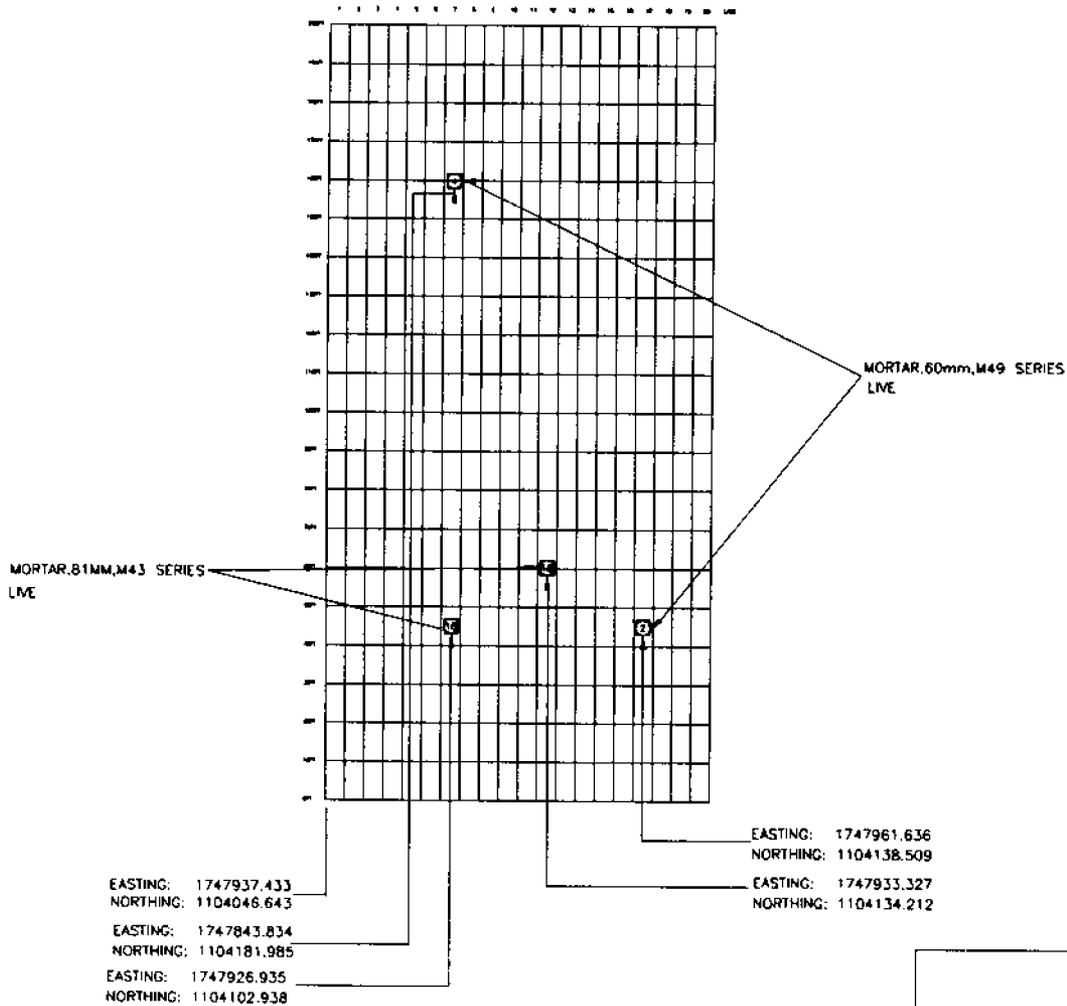
TASK ORDER: #0019

DATE: 8 JANUARY 97 BY HFA: ELH

SCALE: 1" = 50'

PAPER SIZE: 8.5" X 11"

DATUM: NAD83, SC STATE PLANE



NOTE:

Symbol indicates Item's Location

Number indicates Item's Depth in inches

CONTRACTOR:
 Human Factors Applications, Inc.
 700 Old Line Center, Suite 210
 Waldorf, Maryland 20602-2513
 Phone: (301) 705-5044
 Fax: (301) 705-7561
 Richard Thiel, Project Manager

DRAWING:
**CROFT STATE PARK
 AREA: OOU-7 GRID: N11**

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

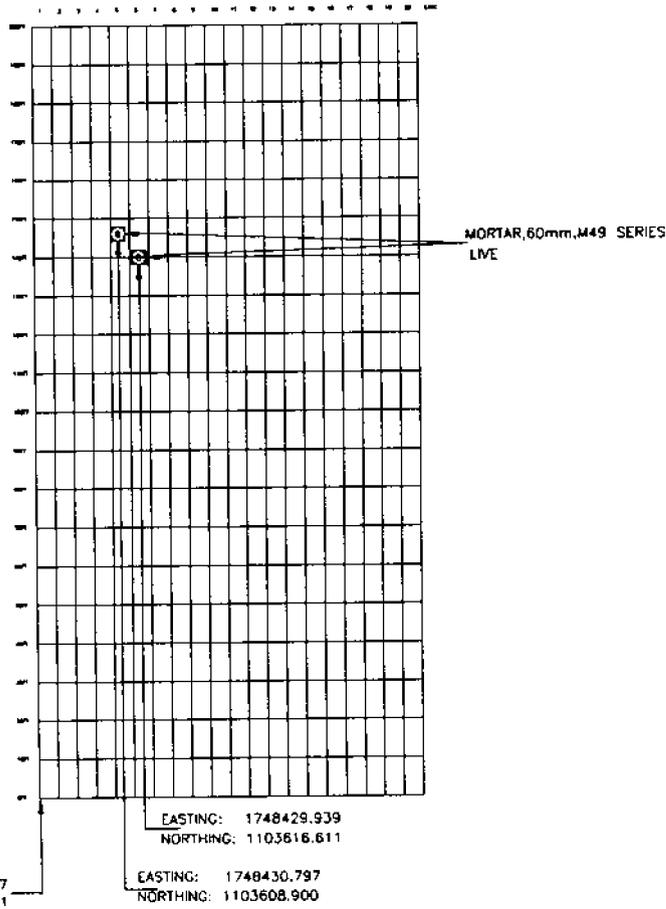
HFA, Inc. EDD Division, Croft State Park, SC
 Arnie Niederhoffer, Senior UXO Supervisor
 Phone: (864) 583-5791/3167
 Fax: (864) 583-3865

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACA87-94-D-0019 TASK ORDER: #0019

DATE: 8 JANUARY 97 BY HFA: ELH

SCALE: 1" = 50' PAPER SIZE: 8.5" X 11" DATUM: NAD83, SC STATE PLANE



NOTE:

Symbol indicates Item's Location

Number indicates Item Depth in Inches

CONTRACTOR:
 Human Factors Applications, Inc.
 700 Old Line Center, Suite 210
 Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
 Fax: (301) 705-7561

Richard Thiel, Project Manager

DRAWING:
 CROFT STATE PARK
 AREA: OOU-7 GRID: N7

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

HFA, Inc. EGD Division, Croft State Park, SC
 Arnie Niederhoffer, Senior UXO Supervisor
 Phone: (864) 583-5791/3167
 Fax: (864) 583-5865

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACA87-94-D-0019

TASK ORDER: #0019

DATE: 8 JANUARY 97

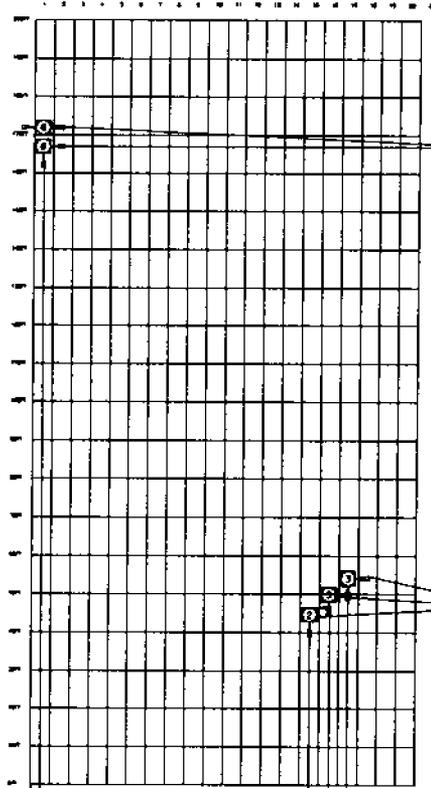
BY: HFA, ELH

SCALE: 1" = 50'

PAPER SIZE: 8.5" X 11"

DATUM: NAD83, SC STATE PLANE

EASTING: 1748248.176
NORTHING: 1103754.631



MORTAR, 60mm, M49 SERIES
LIVE

MORTAR, 60mm, M49 SERIES
LIVE

EASTING: 1748371.398
NORTHING: 1103634.565

EASTING: 1748250.657
NORTHING: 1103752.204

EASTING: 1748396.538
NORTHING: 1103725.057
EASTING: 1748396.538
NORTHING: 1103717.484
EASTING: 1748398.033
NORTHING: 1103709.785

	NOTE:
	 Symbol Indicates Item's Location Number Indicates Item's Depth in inches

CONTRACTOR:
Human Factors Applications, Inc.
700 Old Line Center, Suite 210
Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
Fax: (301) 705-7561

Richard Thiel, Project Manager

HFA, Inc. EOD Division, Croft State Park, SC
Arnie Niederhoffer, Senior UXO Supervisor
Phone: (864) 583-5791/3167
Fax: (864) 583-3865

DRAWING:

CROFT STATE PARK AREA: OOU-7 GRID: N8

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACA87-94-D-0019

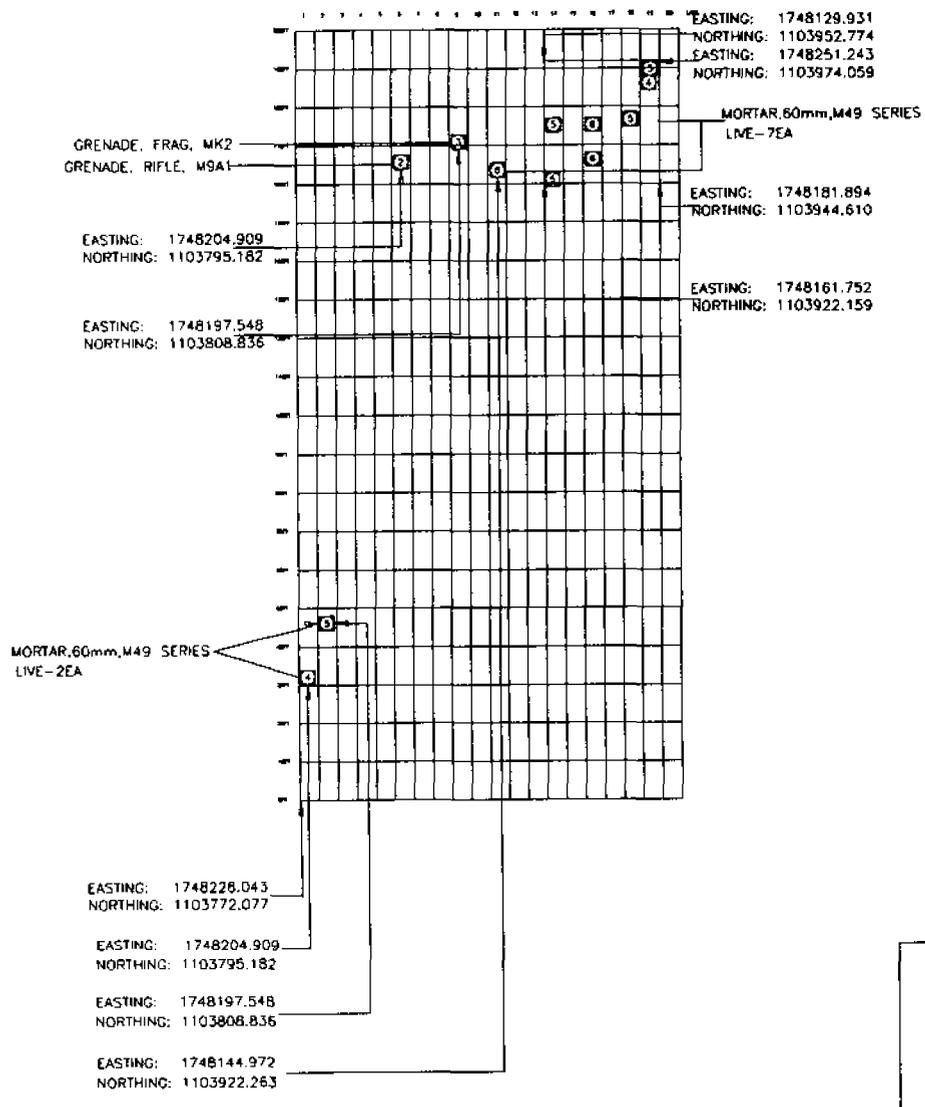
TASK ORDER: #0019

DATE: 8 JANUARY 97 BY HFA: ELH

SCALE: 1" = 50'

PAPER SIZE: 8.5" X 11"

DATUM: NAD83, SC STATE PLANE



NOTE:

Symbol indicates Item's Location

Number indicates Item's Depth in Inches

CONTRACTOR:
 Human Factors Applications, Inc.
 700 Old Line Center, Suite 210
 Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
 Fax: (301) 705-7561
 Richard Thiel, Project Manager

HFA, Inc. EOD Division, Croft State Park, SC
 Arnie Niederhoffer, Senior UXO Supervisor
 Phone: (864) 583-5791/3167
 Fax: (864) 583-3865

DATE: 8 JANUARY 97 **BY HFA:** ELH

DRAWING:
 CROFT STATE PARK
 AREA: OOU-7 GRID: N9

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

CLIENT NAME: U.S. Army Corps of Engineers

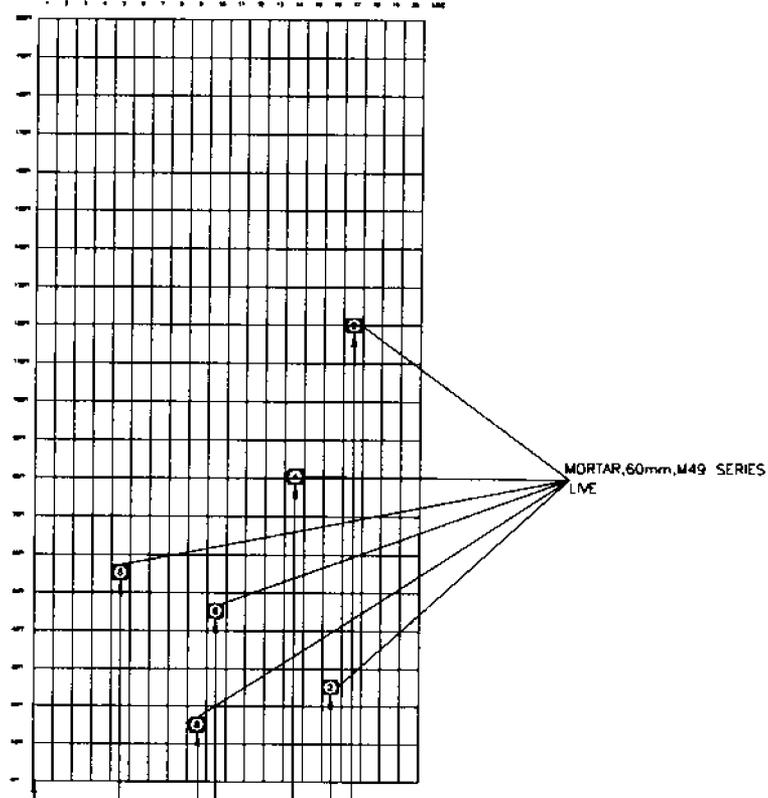
CONTRACT NUMBER: DACA87-94-D-0019

TASK ORDER: #0019

SCALE: 1" = 50'

PAPER SIZE: 8.5" x 11"

DATUM: NAD83, SC STATE PLANE



EASTING: 1748150.626
 NORTHING: 1103982.833

EASTING: 1748126.182
 NORTHING: 1104036.873

EASTING: 1748169.315
 NORTHING: 1104024.131

EASTING: 1748151.394
 NORTHING: 1104047.491

EASTING: 1748124.276
 NORTHING: 1104128.834

EASTING: 1748186.022
 NORTHING: 1104058.593

EASTING: 1748139.244
 NORTHING: 1104086.325

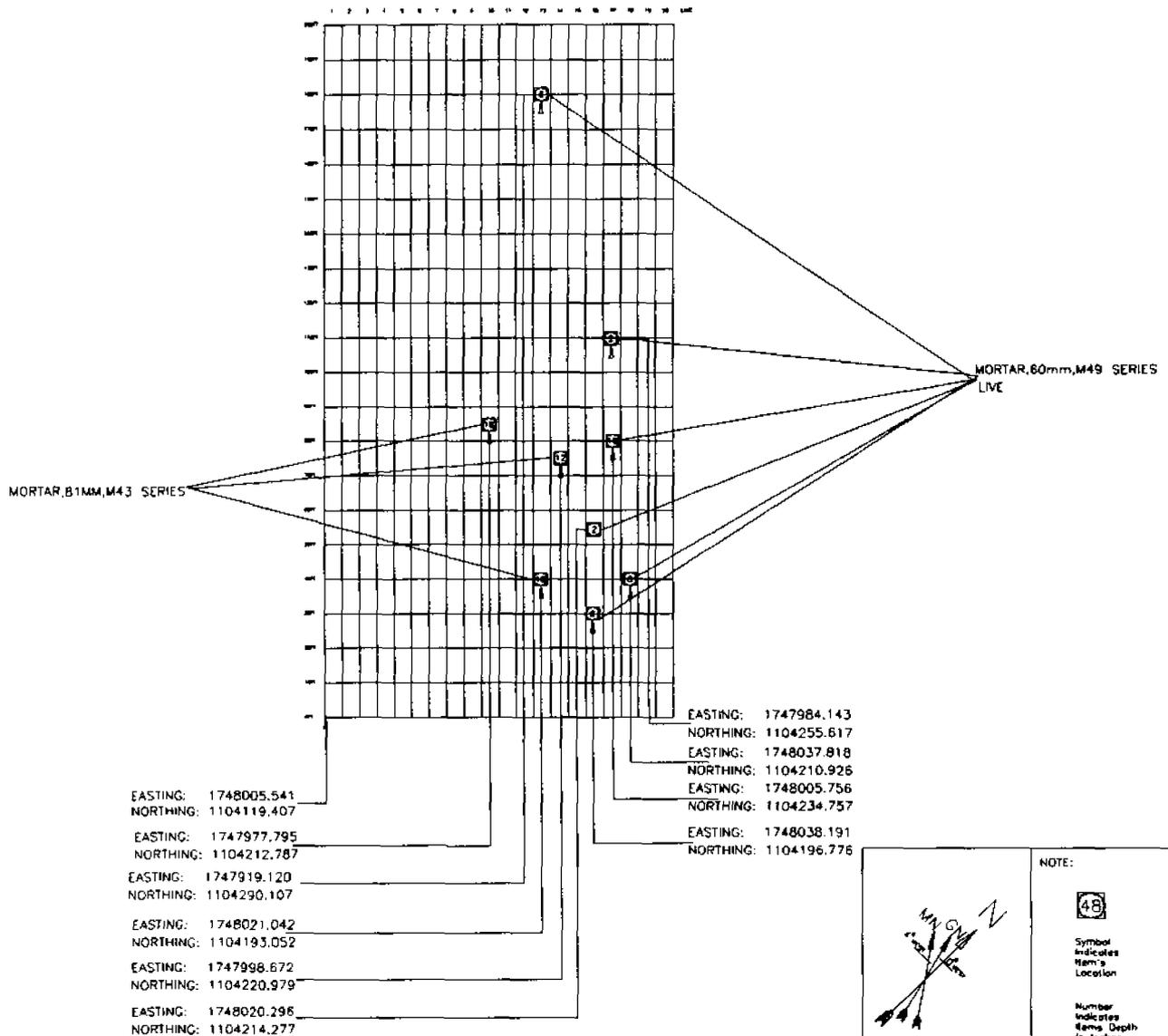
NOTE:

48

Symbol indicates Item's Location

Number indicates Item's Depth in feet

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: <h2 style="text-align: center;">CROFT STATE PARK</h2> <h3 style="text-align: center;">AREA: OOU-7 GRID: P10</h3>	
PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action		PROJECT LOCATION: Camp Croft State Park, South Carolina	
CLIENT NAME: U.S. Army Corps of Engineers		CONTRACT NUMBER: DACA87-94-D-0019	
TASK ORDER: #0019		DATE: 8 JANUARY 97	
BY HFA: ELH		SCALE: 1" = 50'	
PAPER SIZE: 8.5" X 11"		DATUM: NAD83, SC STATE PLANE	



CONTRACTOR:
Human Factors Applications, Inc.
700 Old Line Center, Suite 210
Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
Fax: (301) 705-7561

Richard Thiel, Project Manager

HFA, Inc. EOD Division, Croft State Park, SC
Arnie Niederhoffer, Senior UXO Supervisor
Phone: (864) 583-5791/3167
Fax: (864) 583-3865

DATE: 8 JANUARY 97 BY HFA: ELH

DRAWING:

CROFT STATE PARK
AREA: OOU-7 GRID: P11

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

CLIENT NAME: U.S. Army Corps of Engineers

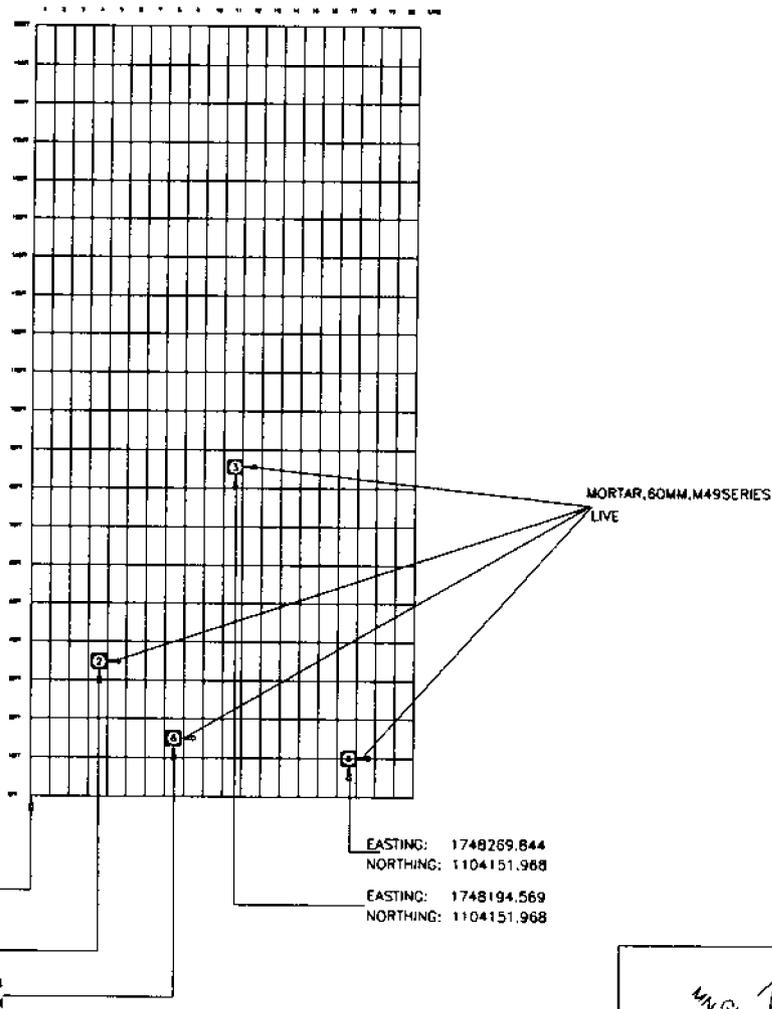
CONTRACT NUMBER: DACA87-94-D-0019

TASK ORDER: #0019

SCALE: 1" = 50'

PAPER SIZE: 8.5" X 11"

DATUM: NAD83, SC STATE PLANE



NOTE:

Symbol indicates Item's Location

Number indicates Item's Depth in Inches

CONTRACTOR:
Human Factors Applications, Inc.
700 Old Line Center, Suite 210
Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
Fax: (301) 705-7561

Richard Thiel, Project Manager

DRAWING:
**CROFT STATE PARK
AREA: OOU-7 GRID: R10**

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

HFA, Inc. EOD Division, Croft State Park, SC
Arnie Niederhoffer, Senior UXO Supervisor
Phone: (864) 583-5791/3167
Fax: (864) 583-3865

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACA87-94-D-0019

TASK ORDER: #0019

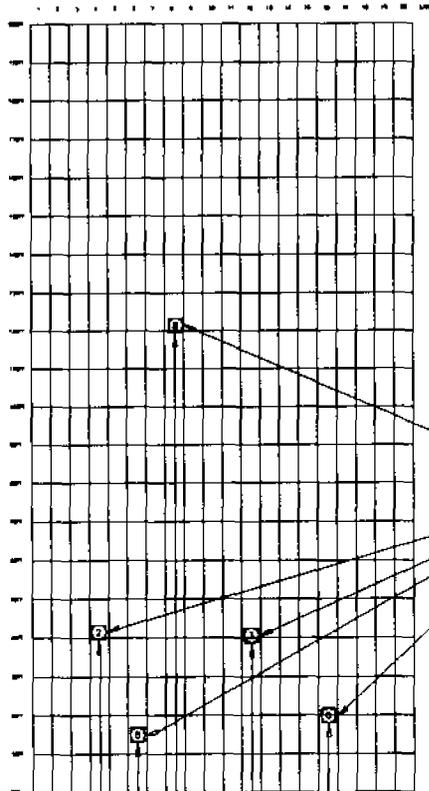
DATE: 8 JANUARY 97

BY HFA: ELH

SCALE: 1" = 50'

PAPER SIZE: 8.5" X 11"

DATUM: NAD83, SC STATE PLANE



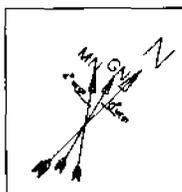
MORTAR, 60MM, M49 SERIES
LIVE

EASTING: 1748509.487
NORTHING: 1103779.576

EASTING: 1748490.242
NORTHING: 1103821.858
EASTING: 1748517.252
NORTHING: 1103810.665

EASTING: 1748452.183
NORTHING: 1103893.396

EASTING: 1748548.285
NORTHING: 1103850.270
EASTING: 1748519.264
NORTHING: 1103850.270



NOTE:

Symbol indicates Item's Location
Number indicates Item's Depth in Inches

CONTRACTOR:
Human Factors Applications, Inc.
700 Old Line Center, Suite 210
Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
Fax: (301) 705-7561

Richard Thiel, Project Manager

HFA, Inc. EDD Division, Croft State Park, SC
Arnie Niederhoffer, Senior UXO Supervisor
Phone: (864) 583-5791/3167
Fax: (864) 583-3865

DRAWING:
CROFT STATE PARK
AREA: 00U-7 GRID: R8

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACA87-94-D-0019

TASK ORDER: #0019

DATE: 8 JANUARY 97

BY HFA: ELH

SCALE: 1" = 50'

PAPER SIZE: 8.5" X 11"

DATUM: NAD83, SC STATE PLANE

EASTING: 1748258.564
 NORTHING: 1104083.368
 EASTING: 1748278.860
 NORTHING: 1104077.897

EASTING: 1748519.264
 NORTHING: 1103850.270

EASTING: 1748270.741
 NORTHING: 1104023.165
 EASTING: 1748301.185
 NORTHING: 1104049.855

EASTING: 1748298.817
 NORTHING: 1104024.516

EASTING: 1748327.470
 NORTHING: 1103995.604

EASTING: 1748364.402
 NORTHING: 1103916.791

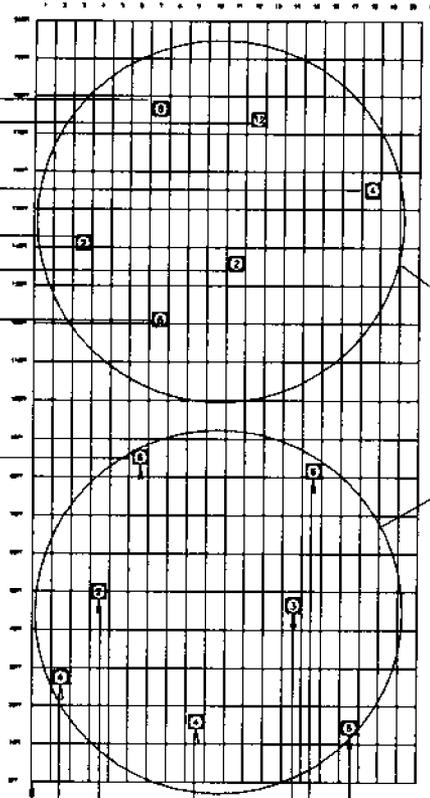
EASTING: 1748350.999
 NORTHING: +1103940.676
 EASTING: 1748341.031
 NORTHING: 1103964.020

EASTING: 1748382.621
 NORTHING: 1103959.557

EASTING: 1748411.150
 NORTHING: 1103987.364

EASTING: 1748356.499
 NORTHING: 1104025.814

EASTING: 1748377.809
 NORTHING: 1103998.007



MORTAR, 60MM, M49SERIES
 LIVE



NOTE:

 Symbol indicates Item's Location
 Number indicates Item's Depth in Inches

CONTRACTOR:
 Human Factors Applications, Inc.
 700 Old Line Center, Suite 210
 Waldorf, Maryland 20602-2513
 Phone: (301) 705-5044
 Fax: (301) 705-7561
 Richard Thiel, Project Manager

DRAWING:
CROFT STATE PARK
AREA: OOU-7 GRID: R9

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

HFA, Inc. EOD Division, Croft State Park, SC
 Annie Niederhoffer, Senior UXO Supervisor
 Phone: (864) 583-5791/3167
 Fax: (864) 583-3865

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACA87-94-D-0019

TASK ORDER: #0019

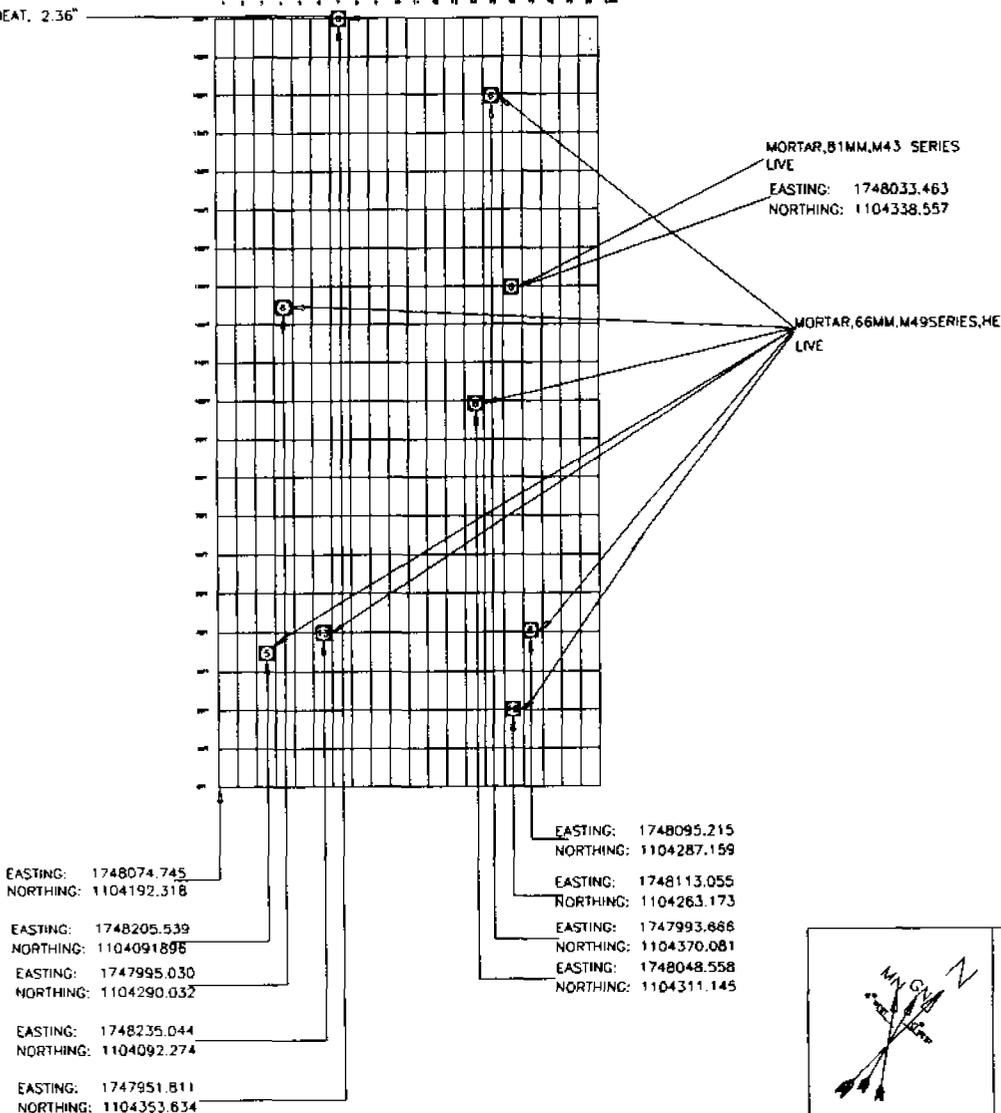
DATE: 8 JANUARY 97 BY HFA: ELH

SCALE: 1" = 50'

PAPER SIZE: 8.5" X 11"

DATUM: NAD83, SC STATE PLANE

ROCKET, HEAT, 2.36"



EASTING: 1748074.745
NORTHING: 1104192.318

EASTING: 1748205.539
NORTHING: 1104091.895

EASTING: 1747995.030
NORTHING: 1104290.032

EASTING: 1748235.044
NORTHING: 1104092.274

EASTING: 1747951.811
NORTHING: 1104353.634

EASTING: 1748095.215
NORTHING: 1104287.159

EASTING: 1748113.055
NORTHING: 1104263.173

EASTING: 1747993.666
NORTHING: 1104370.081

EASTING: 1748048.558
NORTHING: 1104311.145

MORTAR, 81MM, M43 SERIES
LIVE
EASTING: 1748033.463
NORTHING: 1104338.557

MORTAR, 66MM, M49 SERIES, HE
LIVE

NOTE:

48

Symbol indicates Item's Location

Number indicates Item's Depth in Inches

CONTRACTOR:
Human Factors Applications, Inc.
700 Old Line Center, Suite 210
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Richard Thiel, Project Manager

HFA, Inc. EOD Division, Croft State Park, SC
Arnie Niederhoffer, Senior UXO Supervisor
Phone: (864) 583-5791/3167
Fax: (864) 583-3865

DATE: 8 JANUARY 97 BY HFA: ELH

DRAWING:
CROFT STATE PARK
AREA: OOU-7 GRID: R11

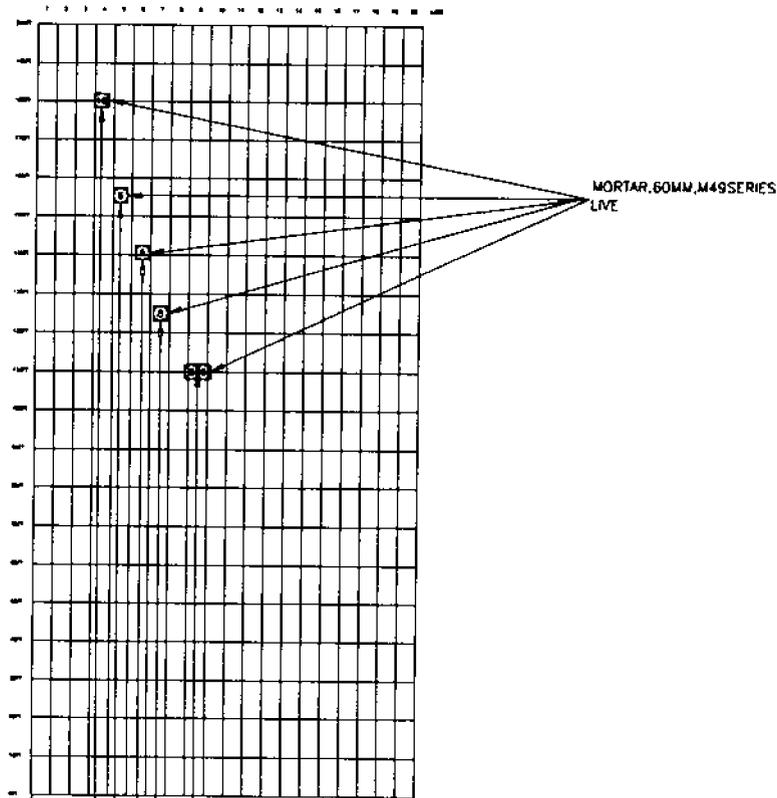
PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACA87-94-D-0019 TASK ORDER: #0019

SCALE: 1" = 50' PAPER SIZE: 8.5" X 11" DATUM: NAD83, SC STATE PLANE



EASTING: 1749302.395
 NORTHING: 1103164.087
 EASTING: 1748490.242
 NORTHING: 1103821.858
 EASTING: 1748517.252
 NORTHING: 1103810.665
 EASTING: 1748452.183
 NORTHING: 1103893.396
 EASTING: 1748548.285
 NORTHING: 1103850.270
 EASTING: 1748519.264
 NORTHING: 1103850.270

	NOTE:
	 Symbol indicates Item's Location Number indicates Item's Depth in Inches

CONTRACTOR:
 Human Factors Applications, Inc.
 700 Old Line Center, Suite 210
 Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
 Fax: (301) 705-7561

Richard Thiel, Project Manager

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 Arnie Niederhoffer, Senior UXO Supervisor
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 Fax: (864) 583-3865

DRAWING:
CROFT STATE PARK
AREA: 00U-7 GRID: S3

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACAB7-94-D-0019

TASK ORDER: #0019

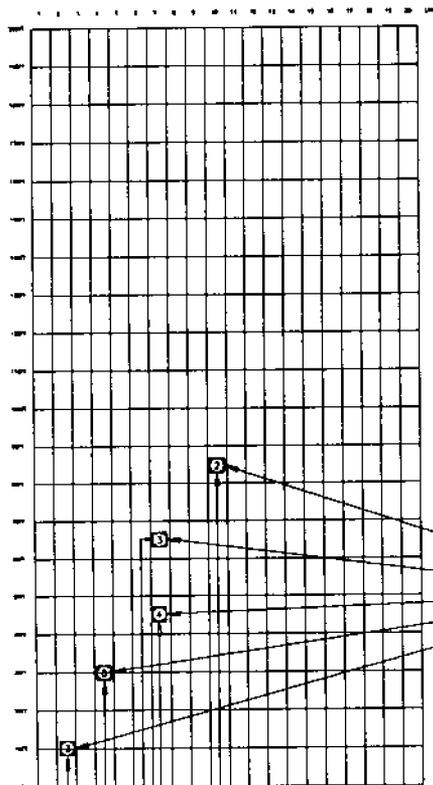
DATE: 8 JANUARY 97

BY HFA: ELH

SCALE: 1" = 50'

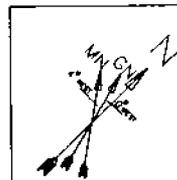
PAPER SIZE: 8.5" X 11"

DATUM: NAD83, SC STATE PLANE



MORTAR, 60MM, M49 SERIES
LIVE

EASTING: 1749012.884
NORTHING: 1103439.236
EASTING: 1749010.515
NORTHING: 1103451.283
EASTING: 1748999.383
NORTHING: 1103475.693
EASTING: 1748995.672
NORTHING: 1103500.717
EASTING: 1749009.901
NORTHING: 1103487.122
EASTING: 1748983.612
NORTHING: 1103532.227



NOTE:

48

Symbol
Indicates
Rem's
Location

Number
Indicates
Rem's Depth
in inches

CONTRACTOR:

Human Factors Applications, Inc.
700 Old Line Center, Suite 210
Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
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Richard Thiel, Project Manager

HFA, Inc. EOD Division, Croft State Park, SC
Arnie Niederhoffer, Senior UXO Supervisor
Phone: (864) 583-5791/3167
Fax: (864) 583-3865

DRAWING:

CROFT STATE PARK
AREA: OOU-7 GRID: S5

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACA87-94-D-0019

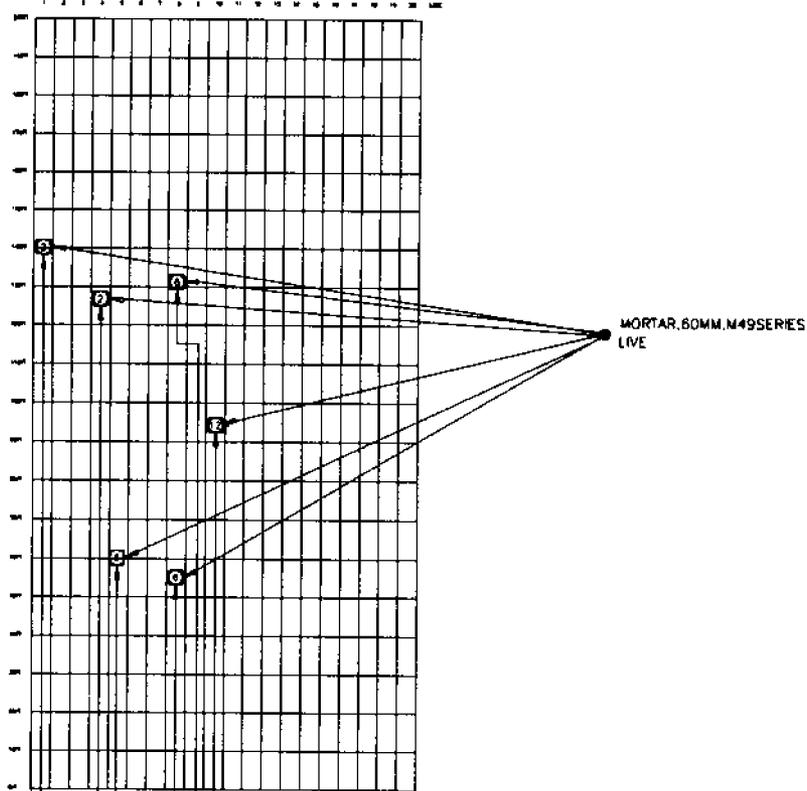
TASK ORDER: #0019

DATE: 8 JANUARY 97 BY HFA: ELH

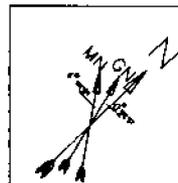
SCALE: 1" = 50'

PAPER SIZE:
8.5" X 11"

DATUM:
NAD83, SC STATE PLANE



EASTING: 1748288.355
 NORTHING: 1104127.361
 EASTING: 1748188.581
 NORTHING: 1104225.750
 EASTING: 1748208.774
 NORTHING: 1104227.051
 EASTING: 1748260.234
 NORTHING: 1104185.412
 EASTING: 1748274.565
 NORTHING: 1104192.569
 EASTING: 1748218.545
 NORTHING: 1104245.919
 EASTING: 1748252.417
 NORTHING: 1104227.701



NOTE:

48

Symbol indicates Item's Location

Number indicates Remo. Depth in Inches

CONTRACTOR:
 Human Factors Applications, Inc.
 700 Old Line Center, Suite 210
 Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
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Richard Thiel, Project Manager

HFA, Inc. EOD Division, Croft State Park, SC
 Arnie Niederhoffer, Senior UXO Supervisor
 Phone: (864) 583-5791/3167
 Fax: (864) 583-3865

DATE: 8 JANUARY 97 BY HFA: ELH

DRAWING:

CROFT STATE PARK
 AREA: 00U-7 GRID: S10

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

CLIENT NAME: U.S. Army Corps of Engineers

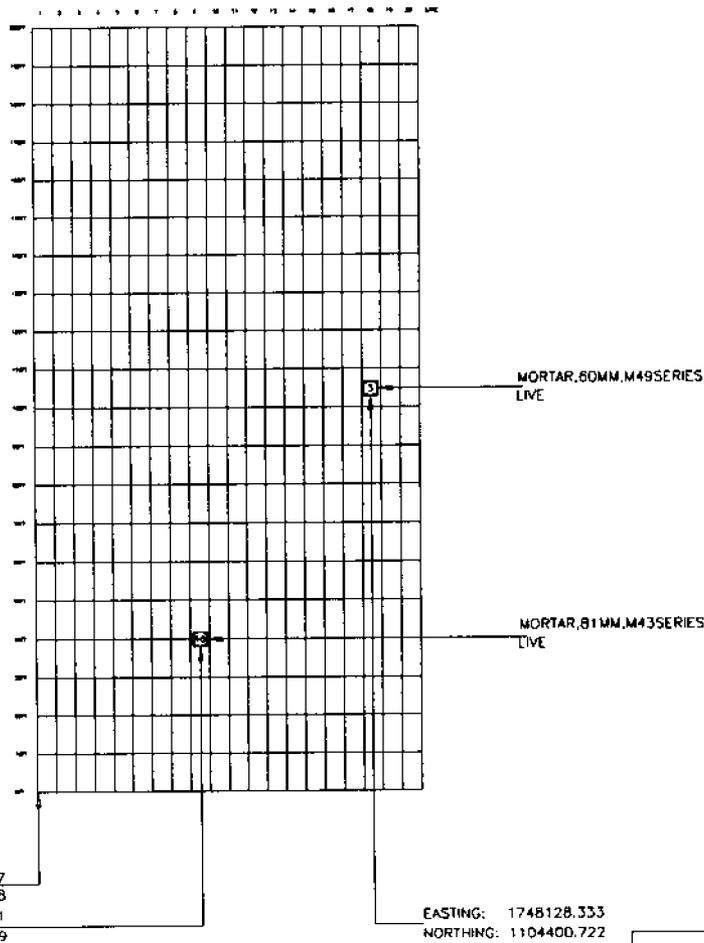
CONTRACT NUMBER: DACA87-94-D-0019

TASK ORDER: #0010

SCALE: 1" = 50'

PAPER SIZE: 8.5" X 11"

DATUM: NAD83, SC STATE PLANE



NOTE:

Symbol indicates Item's Location

Number indicates Item's Depth in inches

CONTRACTOR:
 Human Factors Applications, Inc.
 700 Old Line Center, Suite 210
 Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
 Fax: (301) 705-7561

Richard Thiel, Project Manager

HFA, Inc. EOD Division, Croft State Park, SC
 Arnie Niederhoffer, Senior UXO Supervisor
 Phone: (864) 583-5791/3167
 Fax: (864) 583-3865

DRAWING:

CROFT STATE PARK
 AREA: OOU-7 GRID: S11

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACA87-94-D-0019

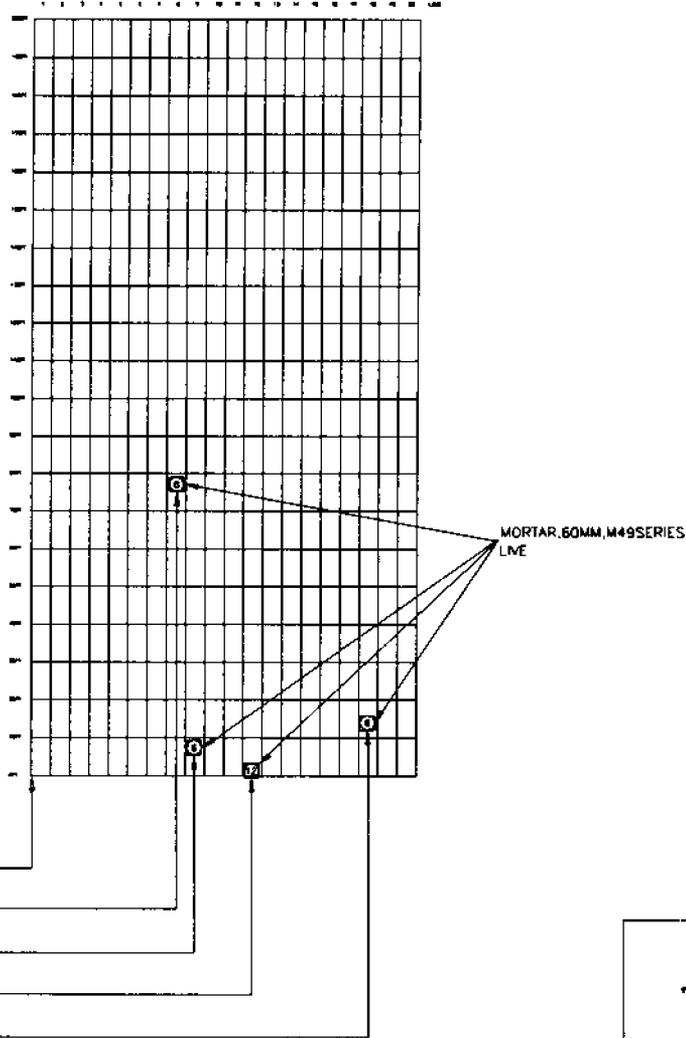
TASK ORDER: #0019

DATE: 8 JANUARY 97 BY HFA: ELH

SCALE: 1" = 50'

PAPER SIZE: 8.5" x 11"

DATUM: NAD83, SC STATE PLANE



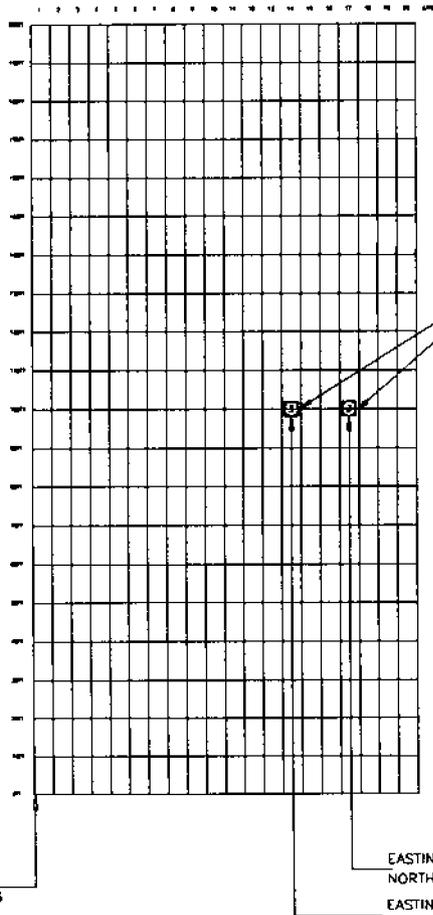
NOTE:

4.8

Symbol indicates Item's Location

Number indicates Item's Depth in Inches

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: <h2 style="text-align: center;">CROFT STATE PARK</h2> <h3 style="text-align: center;">AREA: OOU-7 GRID: T7</h3>	
HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3885		PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action PROJECT LOCATION: Camp Croft State Park, South Carolina	
DATE: 8 JANUARY 97		CLIENT NAME: U.S. Army Corps of Engineers	
BY HFA: ELH		CONTRACT NUMBER: DACA87-94-D-0019	TASK ORDER: #0019
SCALE: 1" = 50'		PAPER SIZE: 8.5" X 11"	DATUM: NAD83, SC STATE PLANE



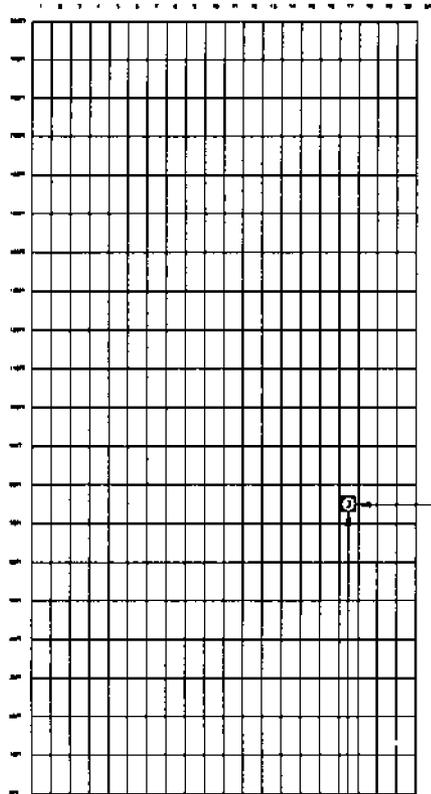
EASTING: 1748205.991
NORTHING: 1104619.856

EASTING: 1748189.589
NORTHING: 1104738.927
EASTING: 1748179.221
NORTHING: 1104737.879

MORTAR, 60MM, M49 SERIES
LIVE

	<p>NOTE:</p> <p></p> <p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in Inches</p>
--	--

<p>CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513</p> <p>Phone: (301) 705-5044 Fax: (301) 705-7561</p> <p>Richard Thiel, Project Manager</p>		<p>DRAWING:</p> <p>CROFT STATE PARK AREA: OOU-7 GRID: V12</p>	
<p>HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865</p>		<p>PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action</p> <p>PROJECT LOCATION: Camp Croft State Park, South Carolina</p>	
<p>DATE: 8 JANUARY 97 BY HFA: ELH</p>		<p>CLIENT NAME: U.S. Army Corps of Engineers</p> <p>CONTRACT NUMBER: DACA87-94-D-0019</p> <p>PAPER SIZE: 8.5" x 11"</p> <p>TASK ORDER: #0019</p> <p>DATUM: NAD83, SC STATE PLANE</p>	



MORTAR, 60MM, M49 SERIES
LIVE

EASTING: 1749868.029
NORTHING: 1103178.907

EASTING: 1749870.458
NORTHING: 1103290.235

	NOTE:
	 Symbol Indicates Item's Location Number Indicates Item's Depth in Inches

CONTRACTOR:
Human Factors Applications, Inc.
700 Old Line Center, Suite 210
Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
Fax: (301) 705-7561

Richard Thiel, Project Manager

DRAWING:
**CROFT STATE PARK
AREA: 00U-7 GRID: W1**

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

HFA, Inc. EOD Division, Croft State Park, SC
Arnie Niederhoffer, Senior UXO Supervisor
Phone: (864) 583-5791/3167
Fax: (864) 583-3865

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DAC87-94-D-0019

TASK ORDER: #0019

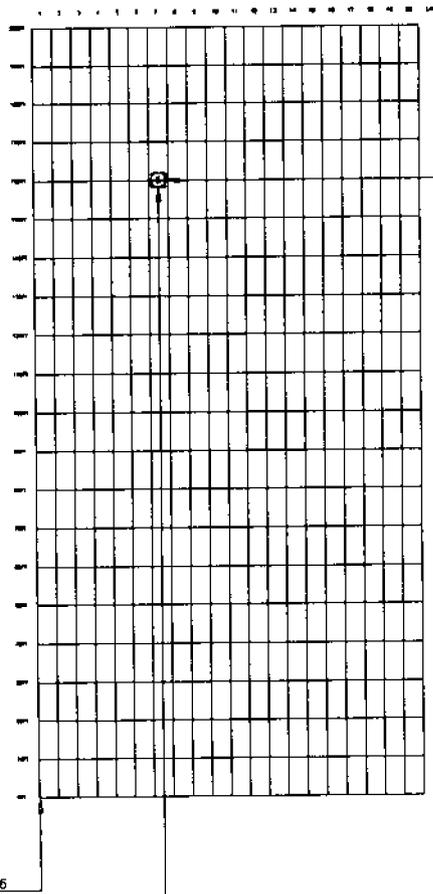
DATE: 8 JANUARY 97

BY HFA: ELH

SCALE: 1" = 50'

PAPER SIZE: 8.5" X 11"

DATUM: NAD83, SC STATE PLANE



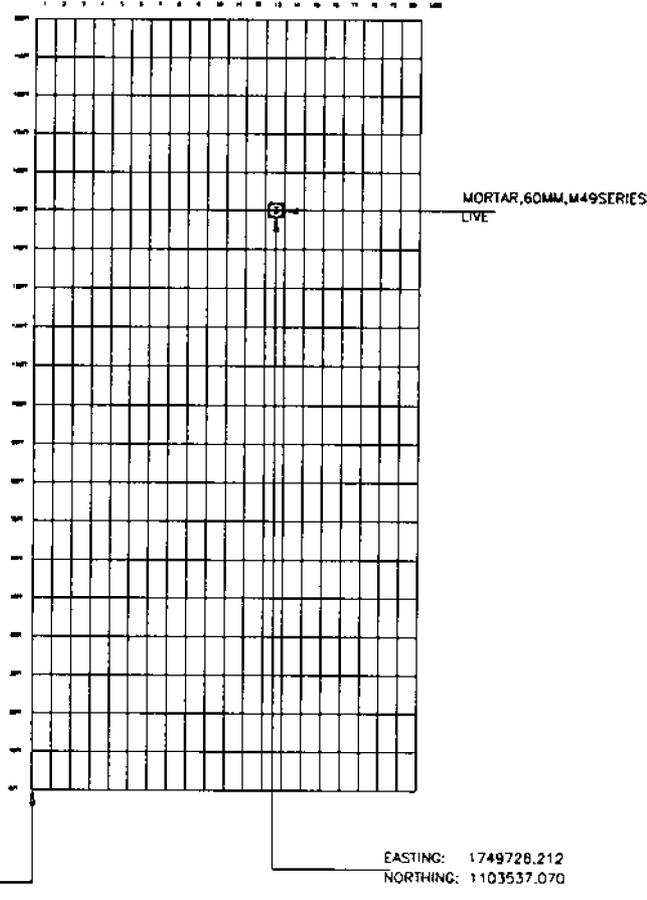
MORTAR, 60MM, M49 SERIES
LIVE

EASTING: 1748632.526
NORTHING: 1104490.532

EASTING: 1748540.052
NORTHING: 1104624.335

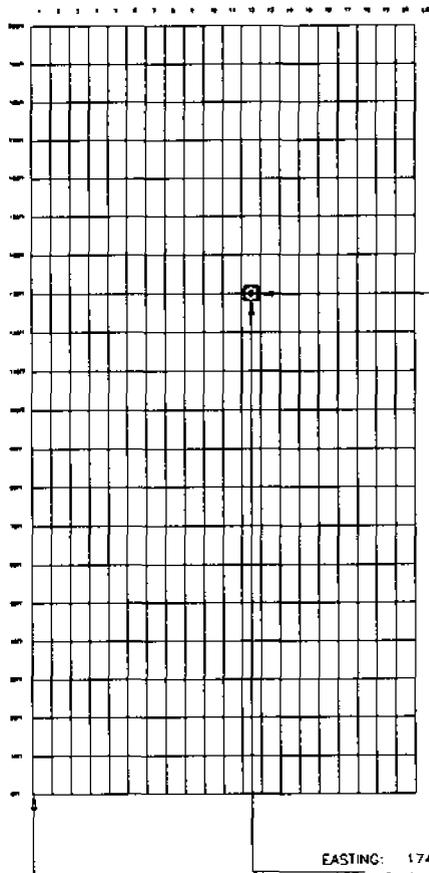
	<p>NOTE:</p> <p> Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in inches</p>
--	---

<p>CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513</p>	<p>DRAWING: CROFT STATE PARK AREA: 00U-7 GRID: X10</p>		
<p>Phone: (301) 705-5044 Fax: (301) 705-7561</p> <p>Richard Thiel, Project Manager</p>	<p>PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action</p> <p>PROJECT LOCATION: Camp Croft State Park, South Carolina</p>		
<p>HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865</p>	<p>CLIENT NAME: U.S. Army Corps of Engineers</p> <p>CONTRACT NUMBER: DACA87-94-D-0019</p>		<p>TASK ORDER: #0019</p>
<p>DATE: 8 JANUARY 97</p>	<p>BY HFA: ELH</p>	<p>SCALE: 1" = 50'</p>	<p>PAPER SIZE: 8.5" X 11"</p> <p>DATUM: NAD83, SC STATE PLANE</p>



	<p>NOTE:</p> <p> Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in inches</p>
--	--

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: <h2 style="text-align: center;">CROFT STATE PARK</h2> <h3 style="text-align: center;">AREA: OOU-7 GRID: X2</h3>	
		PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action	
		PROJECT LOCATION: Camp Croft State Park, South Carolina	
HFA, Inc. EOO Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		CLIENT NAME: U.S. Army Corps of Engineers	
		CONTRACT NUMBER: DACA87-94-D-0019	TASK ORDER: #0019
DATE: 8 JANUARY 97	BY HFA: ELH	SCALE: 1" = 50'	PAPER SIZE: 8.5" X 11" DATUM: NAD83, SC STATE PLANE



MORTAR, 60MM, M49 SERIES LVE

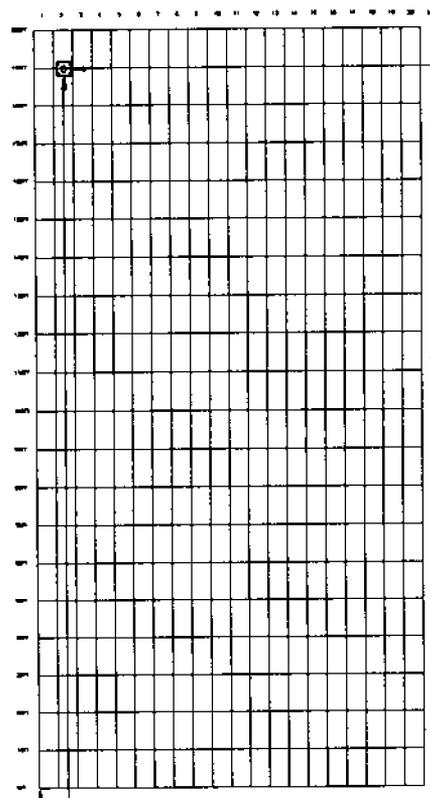
EASTING: 1749502.102
NORTHING: 1103664.233

EASTING: 1749447.826
NORTHING: 1103795.545

	NOTE:
	<p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in Inches</p>

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: CROFT STATE PARK AREA: OOU-7 GRID: X4	
		PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action	
		PROJECT LOCATION: Camp Croft State Park, South Carolina	
HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		CLIENT NAME: U.S. Army Corps of Engineers	
		CONTRACT NUMBER: DACA87-94-D-0019	TASK ORDER: #0019
DATE: 8 JANUARY 97	BY HFA: ELH	SCALE: 1" = 50'	PAPER SIZE: 8.5" X 11" DATUM: NAD83, SC STATE PLANE

OOU-1B



MORTAR, 60mm, M49 SERIES
LIVE

EASTING: 1743026.979
NORTHING: 1107554.096

EASTING: 1743136.940
NORTHING: 1107394.643

	<p>NOTE:</p> <p> Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in inches</p>
--	--

CONTRACTOR:
Human Factors Applications, Inc.
700 Old Line Center, Suite 210
Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
Fax: (301) 705-7561

Richard Thiel, Project Manager

DRAWING:
CROFT STATE PARK
AREA: OOU-1B GRID: N3

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

HFA, Inc., EOD Division, Croft State Park, SC
Arnie Niederhoffer, Senior UXO Supervisor
Phone: (864) 583-5791/3167
Fax: (864) 583-3865

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACA87-94-D-0019

TASK ORDER: #0019

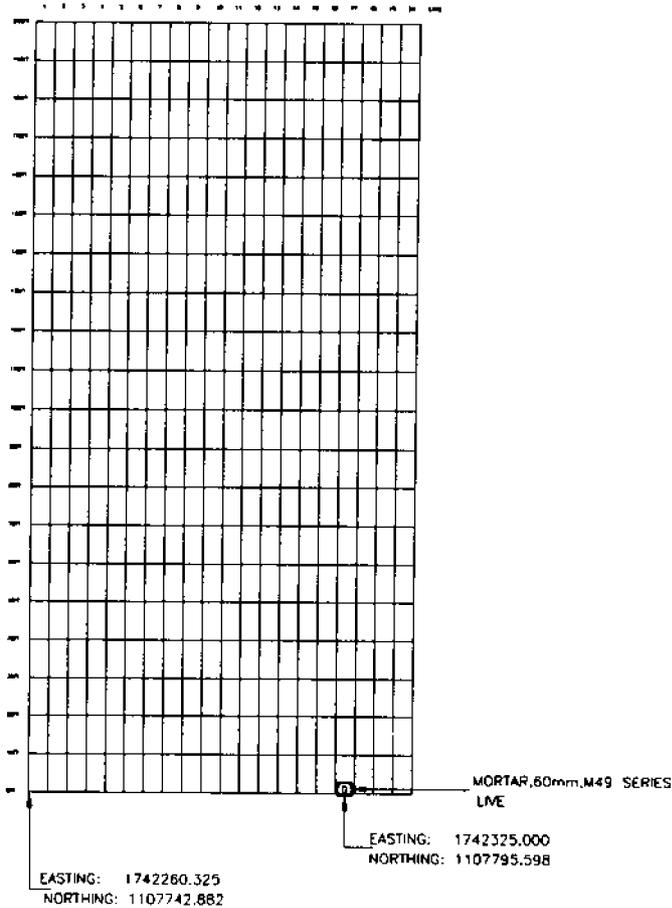
DATE: 8 JANUARY 97

BY HFA: ELH

SCALE: 1" = 50'

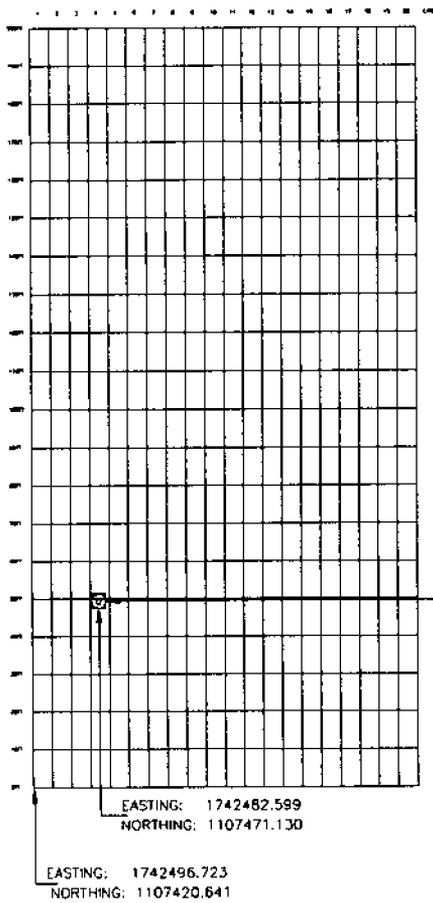
PAPER SIZE: 8.5" X 11"

DATUM: NAD83, SC STATE PLANE



	<p>NOTE:</p> <p></p> <p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in Inches</p>
--	--

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: CROFT STATE PARK AREA: OOU-1B GRID: H7	
PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action		PROJECT LOCATION: Camp Croft State Park, South Carolina	
CLIENT NAME: U.S. Army Corps of Engineers		CONTRACT NUMBER: DACA87-94-D-0019	
TASK ORDER: #0019		DATE: 8 JANUARY 97	
BY HFA: ELH		SCALE: 1" = 50'	
PAPER SIZE: 8.5" X 11"		DATUM: NAD83, SC STATE PLANE	



MORTAR, 60mm, M49 SERIES
LINE

	<p>NOTE:</p> <p></p> <p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in Inches</p>
--	--

CONTRACTOR:
Human Factors Applications, Inc.
700 Old Line Center, Suite 210
Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
Fax: (301) 705-7561
Richard Thiel, Project Manager

HFA, Inc., EOD Division, Croft State Park, SC
Arnie Niederhoffer, Senior UXO Supervisor
Phone: (864) 583-5791/3167
Fax: (864) 583-3865

DATE: 8 JANUARY 97 BY HFA: ELH

DRAWING:
CROFT STATE PARK
AREA: 00U-1B GRID: H5

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

CLIENT NAME: U.S. Army Corps of Engineers

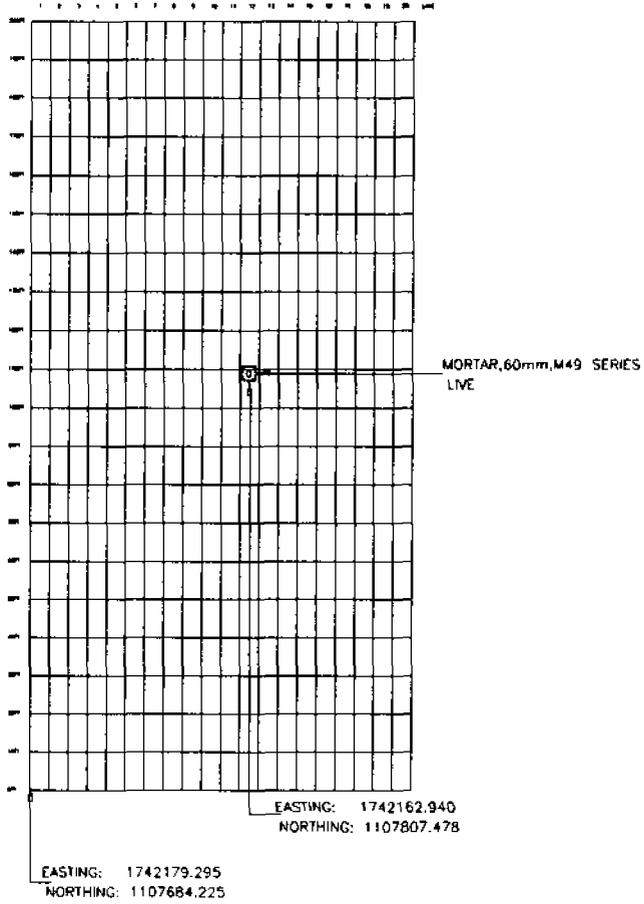
CONTRACT NUMBER: DACA87-94-D-0019

TASK ORDER: #0019

SCALE: 1" = 50'

PAPER SIZE: 8.5" X 11"

DATUM: NAD83, SC STATE PLANE



	NOTE:
	<p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in inches</p>

CONTRACTOR:
 Human Factors Applications, Inc.
 700 Old Line Center, Suite 210
 Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
 Fax: (301) 705-7561

Richard Thiel, Project Manager

DRAWING:
CROFT STATE PARK
AREA: 00U-1B GRID: G7

HFA, Inc. EOD Division, Croft State Park, SC
 Arnie Niederhoffer, Senior UXO Supervisor
 Phone: (864) 583-5791/3167
 Fax: (864) 583-3865

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACA87-94-D-0019

TASK ORDER: #0019

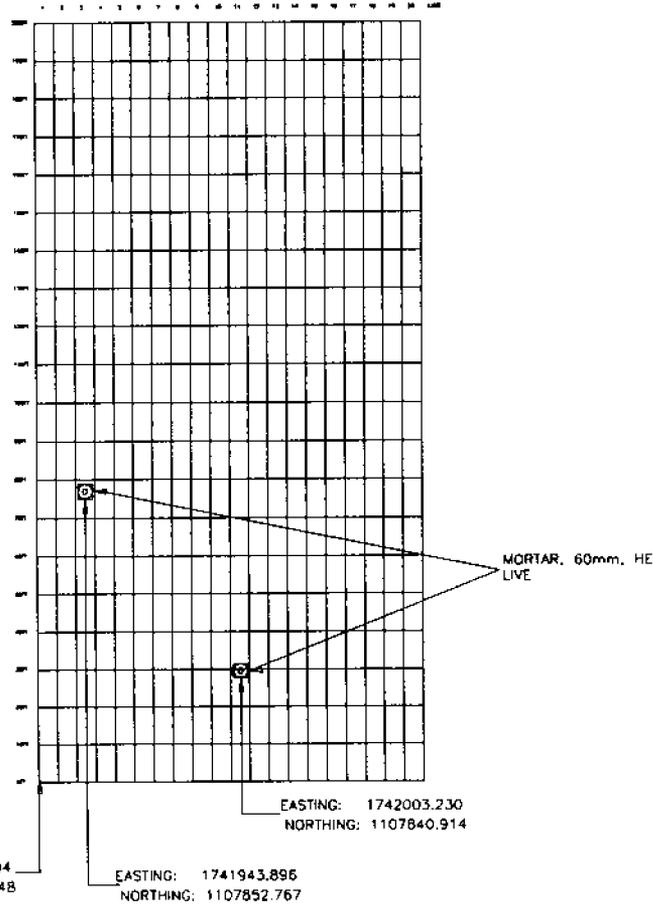
DATE: 8 JANUARY 97

BY HFA: ELH

SCALE: 1" = 50'

PAPER SIZE: 8.5" X 11"

DATUM: NAD83, SC STATE PLANE

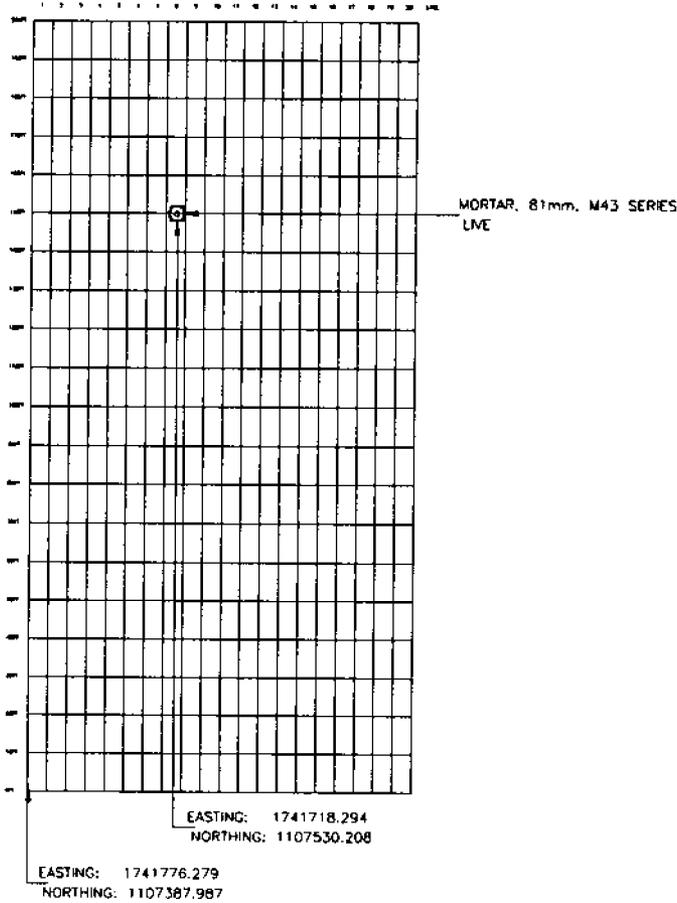


NOTE:

Symbol indicates Item's Location

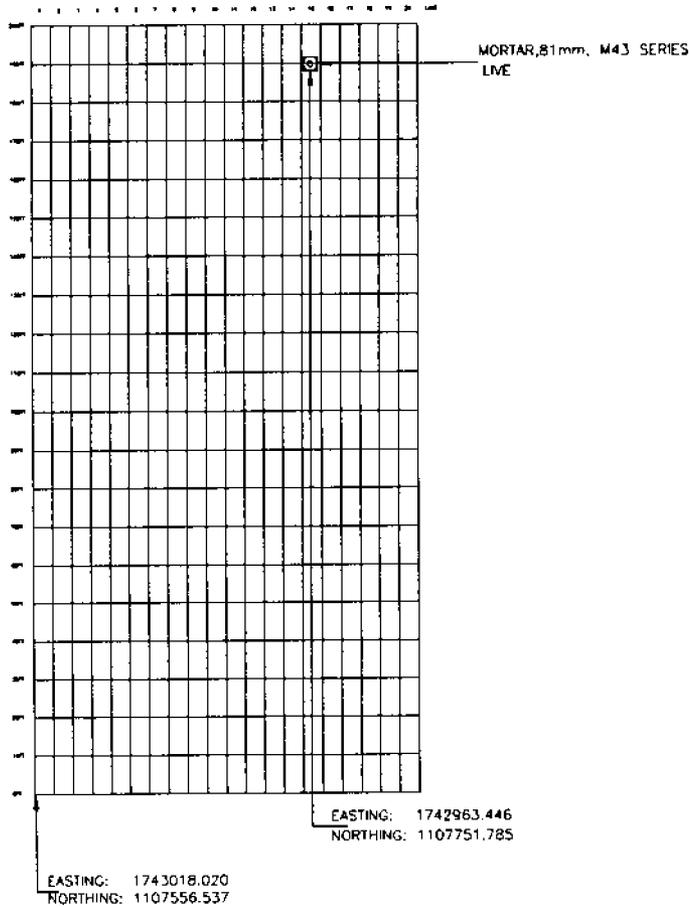
Number indicates Item's Depth in Inches

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: CROFT STATE PARK AREA: OOU-1B GRID: F8	
HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone (864) 583-5791/3167 Fax: (864) 583-3865		CLIENT NAME: U.S. Army Corps of Engineers	
DATE: 8 JANUARY 97		BY HFA: ELH	
SCALE: 1" = 50'		PAPER SIZE: 8.5" X 11"	
CONTRACT NUMBER: DACA87-94-D-0019		TASK ORDER: #0010	
DATUM: NAD83, SC STATE PLANE			



	<p>NOTE.</p> <p></p> <p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in Inches</p>
--	--

<p>CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513</p> <p>Phone: (301) 705-5044 Fax: (301) 705-7561</p> <p>Richard Thiel, Project Manager</p>	<p>DRAWING:</p> <p>CROFT STATE PARK AREA: 00U-1B GRID: B7</p>		
<p>HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865</p>	<p>PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action</p>	<p>PROJECT LOCATION: Camp Croft State Park, South Carolina</p>	
<p>DATE: 8 JANUARY 97</p>	<p>BY HFA: ELH</p>	<p>CLIENT NAME: U.S. Army Corps of Engineers</p> <p>CONTRACT NUMBER: DACA87-94-D-0019</p>	<p>TASK ORDER: #0019</p>
<p>SCALE: 1" = 50'</p>		<p>PAPER SIZE: 8.5" X 11"</p>	<p>DATUM: NAD83, SC STATE PLANE</p>



	NOTE.
	 Symbol Indicates Item's Location Number Indicates Item's Depth in Inches

CONTRACTOR:
 Human Factors Applications, Inc.
 700 Old Line Center, Suite 210
 Waldorf, Maryland 20602-2513

 Phone: (301) 705-5044
 Fax: (301) 705-7561

 Richard Thiel, Project Manager

DRAWING:
CROFT STATE PARK
AREA: OOU-1B GRID: N4

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

HFA, Inc. FOD Division, Croft State Park, SC
 Arnie Niederhoffer, Senior UXO Supervisor
 Phone: (864) 583-5791/3167
 Fax: (864) 583-3865

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACA87-94-D-0019

TASK ORDER: #0019

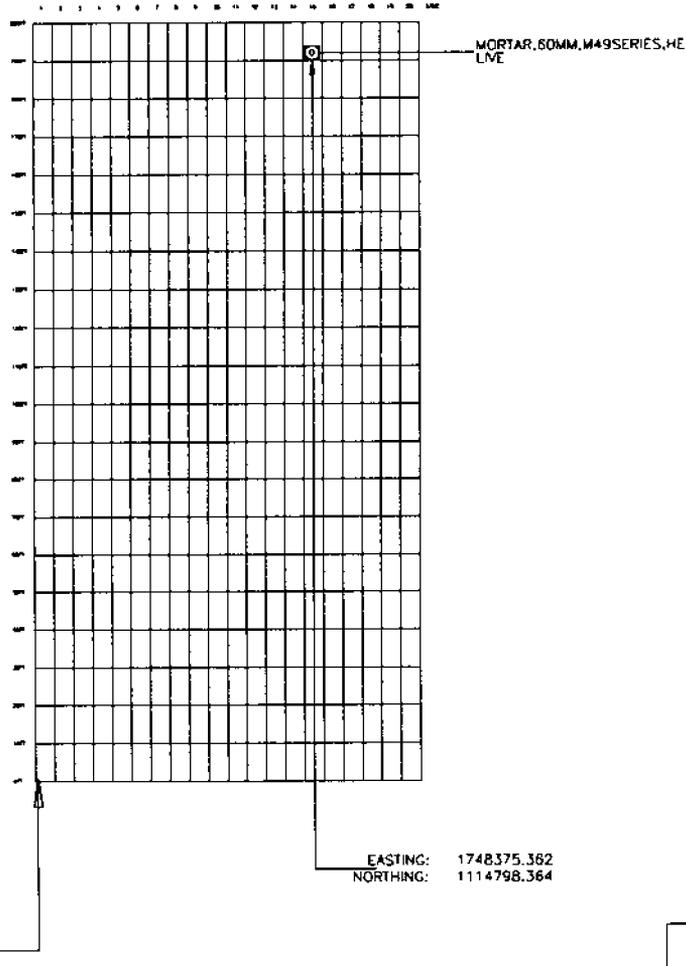
DATE: 8 JANUARY 97 BY HFA: ELH

SCALE: 1" = 50'

PAPER SIZE: 8.5" X 11"

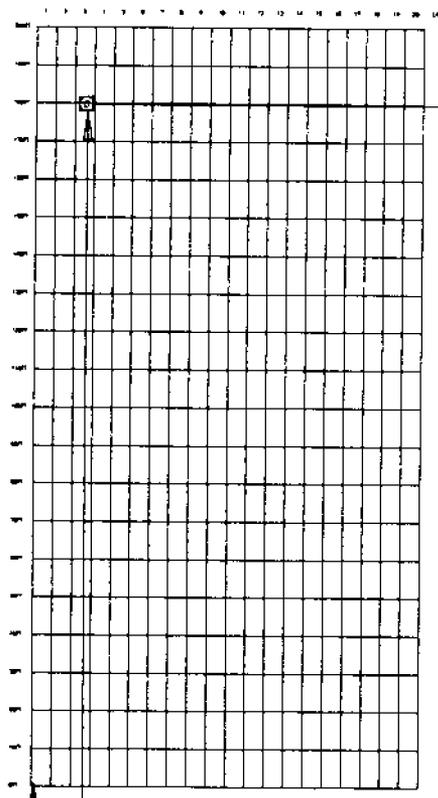
DATUM: NAD83, SC STATE PLANE

OOU - 2



	<p>NOTE:</p> <p></p> <p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in Inches</p>
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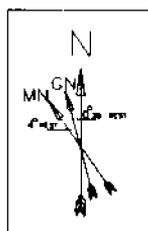
CONTRACTOR Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: CROFT STATE PARK AREA: OOU2 GRID: AA20	
PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action		PROJECT LOCATION: Camp Croft State Park, South Carolina	
CLIENT NAME: U.S. Army Corps of Engineers		CONTRACT NUMBER: DACA87-94-D-0019	
DATE: 15 JANUARY 97		TASK ORDER: #0019	
BY HFA: ELH	SCALE: 1" = 50'	PAPER SIZE: 8.5" X 11"	DATUM: NAD83, SC STATE PLANE



MORTAR, 81MM, M43 SERIES
LIVE

EASTING: 1748305.397
NORTHING: 1113195.332

EASTING: 1748316.547
NORTHING: 1113375.560

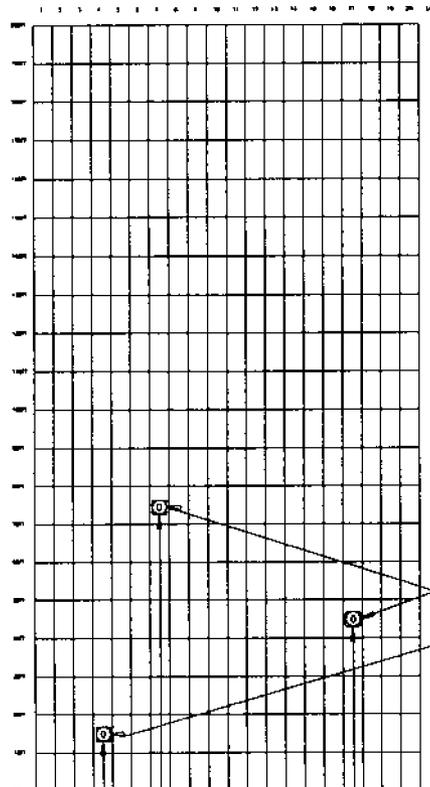


NOTE:

Symbol
Indicates
Item's
Location

Number
Indicates
Remo. Depth
in Inches

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: <h2 style="text-align: center;">CROFT STATE PARK</h2> <h3 style="text-align: center;">AREA: OOU2 GRID: AA12</h3>	
		PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action	
		PROJECT LOCATION: Camp Croft State Park, South Carolina	
HFA, Inc. EDD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		CLIENT NAME: U.S. Army Corps of Engineers	
		CONTRACT NUMBER: DACA87-94-D-0019	TASK ORDER: #0019
DATE: 27 FEBRUARY 97	BY HFA: ELH	SCALE: 1" = 50'	PAPER SIZE: 8.5" x 11" DATUM: NAD83, SC STATE PLANE



MORTAR, 81MM, M43 SERIES
LIVE

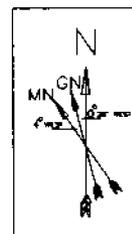
MORTAR, 80mm, M49 SERIES, HE
LIVE

EASTING: 1748604.381
NORTHING: 1113192.848

EASTING: 1748638.176
NORTHING: 1113267.487

EASTING: 1748624.595
NORTHING: 1113206.446

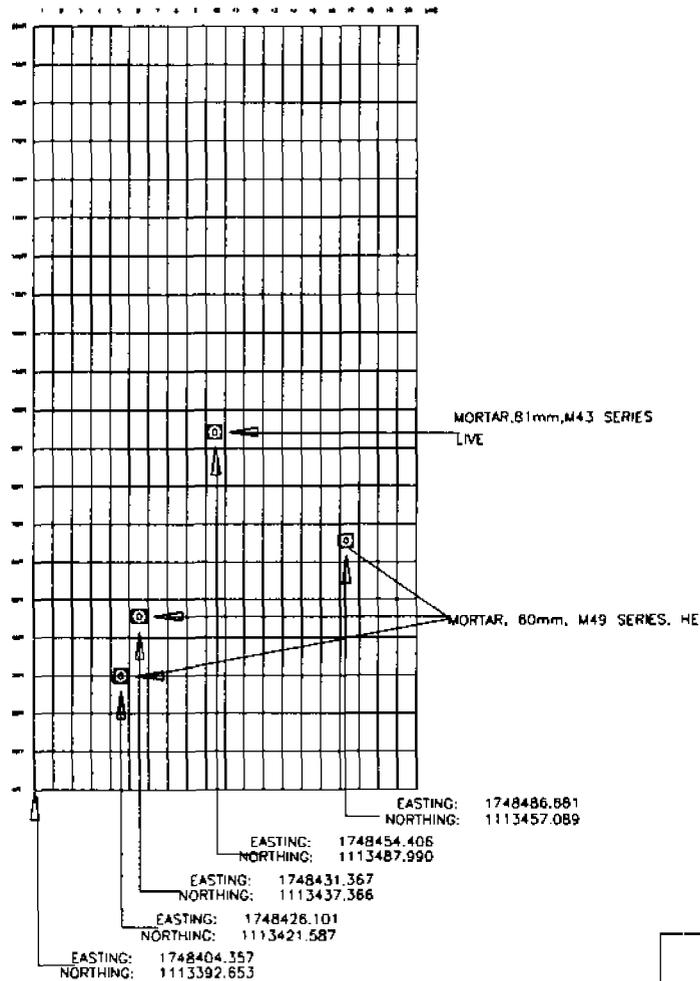
EASTING: 1748687.748
NORTHING: 1113236.967



NOTE:

Symbol indicates Item's Location
Number indicates Item's Depth in inches

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: CROFT STATE PARK AREA: OOU2 GRID: AD12	
PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action		PROJECT LOCATION: Camp Croft State Park, South Carolina	
HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		CLIENT NAME: U.S. Army Corps of Engineers	
DATE: 15 January 97 BY HFA: ELH		CONTRACT NUMBER: DACA87-94-D-0019	TASK ORDER: #0019
SCALE: 1" = 50'		PAPER SIZE: 8.5" X 11"	DATUM: NAD83, SC STATE PLANE

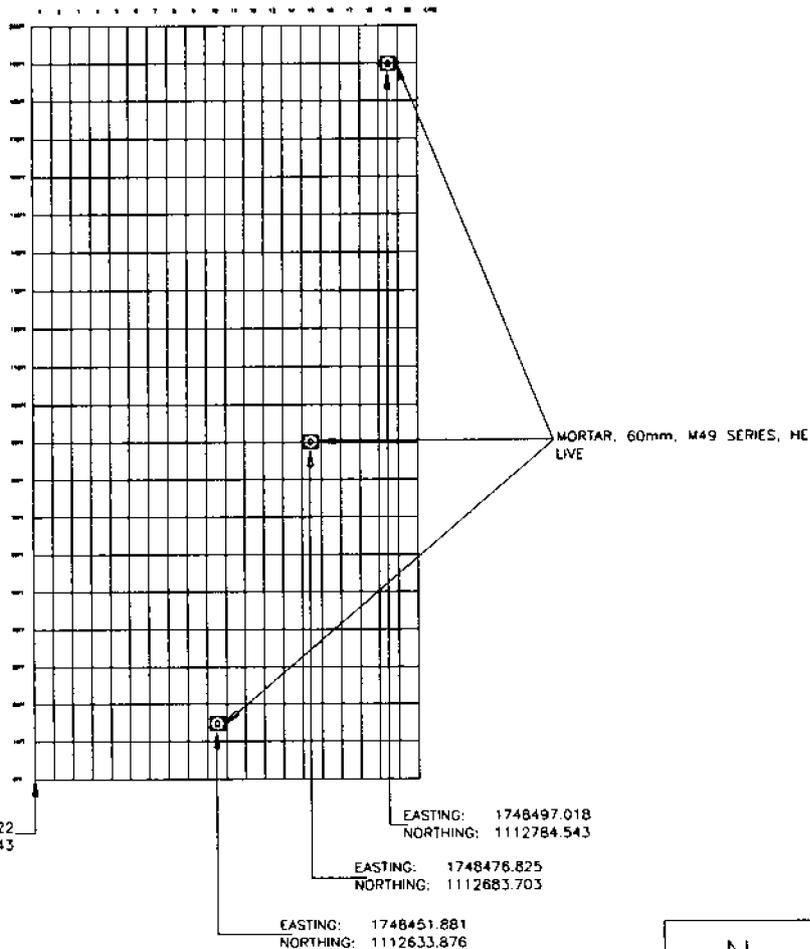


NOTE:

Symbol indicates Item's Location

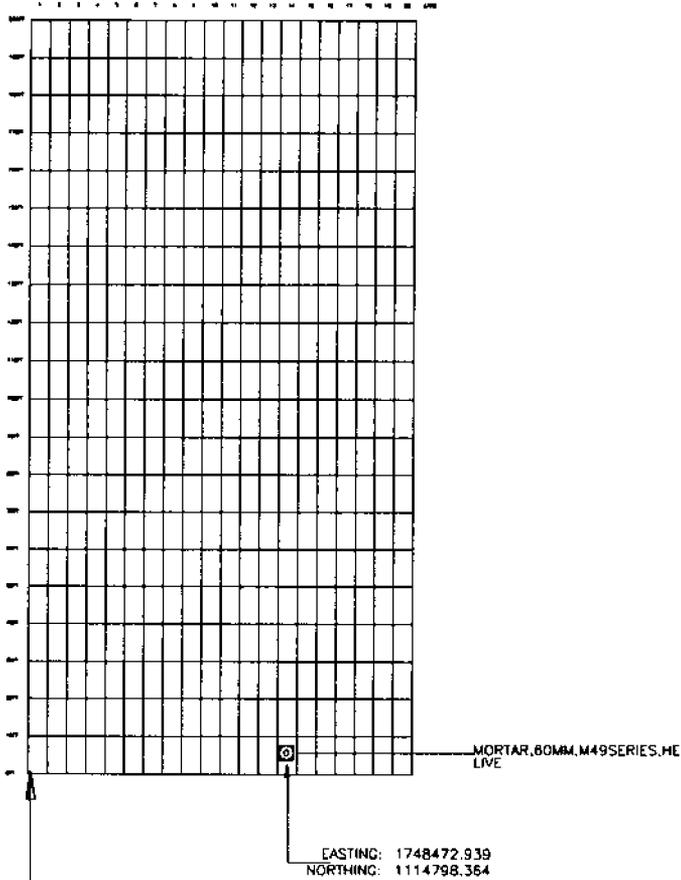
Number indicates Item's Depth in Inches

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: <h2 style="text-align: center;">CROFT STATE PARK</h2> <h3 style="text-align: center;">AREA: 00U2 GRID: AB13</h3>	
		PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action	
		PROJECT LOCATION: Camp Croft State Park, South Carolina	
HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		CLIENT NAME: U.S. Army Corps of Engineers	
		CONTRACT NUMBER: DACA87-94-D-0019	TASK ORDER: #0019
DATE: 15 JANUARY 97	BY HFA: ELH	SCALE: 1" = 50'	PAPER SIZE: 8.5" X 11"
		DATUM: NAD83, SC STATE PLANE	



	NOTE:
	<p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in Inches</p>

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: CROFT STATE PARK AREA: OOU2 GRID: AB9	
		PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action	
		PROJECT LOCATION: Camp Croft State Park, South Carolina	
HFA, Inc. EOD Division, Croft State Park, SC Arnie Niedernhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		CLIENT NAME: U.S. Army Corps of Engineers	
		CONTRACT NUMBER: DACA87-94-D-0019	TASK ORDER: #0019
DATE: 15 JANUARY 97	BY HFA: ELH	SCALE: 1" = 50'	PAPER SIZE: 8.5" X 11"
		DATUM: NAD83, SC STATE PLANE	



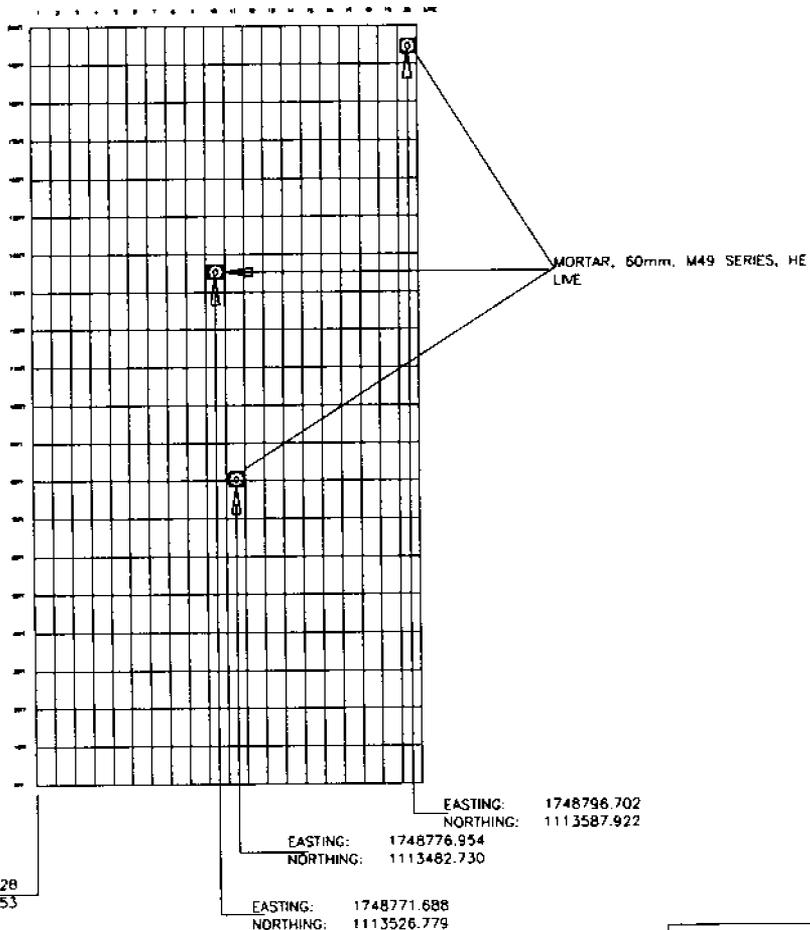
EASTING: 1748404.269
NORTHING: 1114791.285

EASTING: 1748472.939
NORTHING: 1114798.354

MORTAR, 80MM, M49 SERIES, HE
LIVE

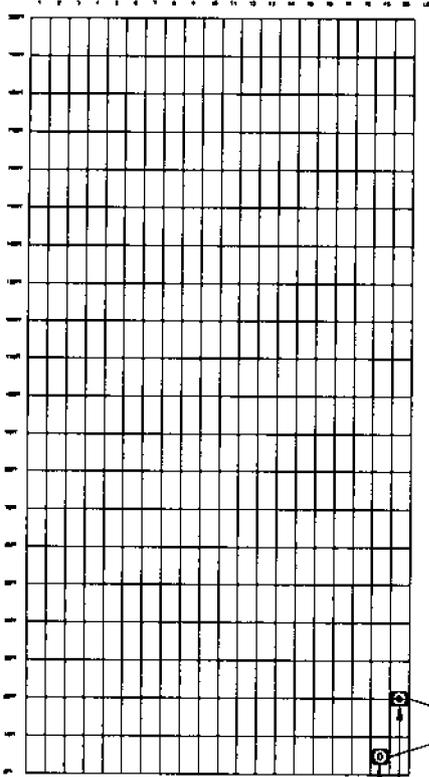
	NOTE:
	<p>48</p> <p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in inches</p>

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: CROFT STATE PARK AREA: OOU2 GRID: AB20	
PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action		PROJECT LOCATION: Camp Croft State Park, South Carolina	
HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		CLIENT NAME: U.S. Army Corps of Engineers	
DATE: 15 JANUARY 97		CONTRACT NUMBER: DACA87-94-D-0019	TASK ORDER: #0019
BY HFA: ELH	SCALE: 1" = 50'	PAPER SIZE: 8.5" X 11"	DATUM: NAD83, SC STATE PLANE



	NOTE:
	 Symbol indicates Item's Location Number indicates Item's Depth in Inches

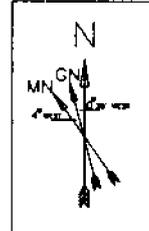
CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: CROFT STATE PARK AREA: OOU2 GRID: AE13	
PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action		PROJECT LOCATION: Camp Croft State Park, South Carolina	
CLIENT NAME: U.S. Army Corps of Engineers		CONTRACT NUMBER: DACA87-94-D-0019	
HFA, Inc. EDD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		TASK ORDER: #0019	
DATE: 15 JANUARY 97	BY HFA: ELH	SCALE: 1" = 50'	PAPER SIZE: 8.5" X 11" DATUM: NAD83, SC STATE PLANE



EASTING: 1748804.707
 NORTHING: 1113792.073

MORTAR, 80mm, M49 SERIES, HE
 LIVE

EASTING: 1748901.913
 NORTHING: 1113812.302
 EASTING: 1748896.935
 NORTHING: 1113797.472

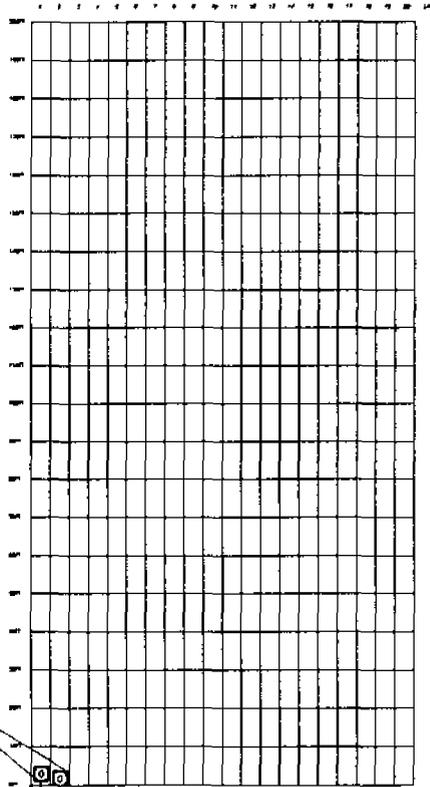


NOTE:

 Symbol indicates item's location

Number indicates item's depth in inches

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: CROFT STATE PARK AREA: OOU2 GRID: AF15	
HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action PROJECT LOCATION: Camp Croft State Park, South Carolina	
CLIENT NAME: U.S. Army Corps of Engineers		CONTRACT NUMBER: DACA87-94-D-0019	
TASK ORDER: #0019		DATE: 12 MARCH 97	
BY HFA: ELH		SCALE: 1" = 50'	
PAPER SIZE: 8.5" X 11"		DATUM: NAD83, SC STATE PLANE	

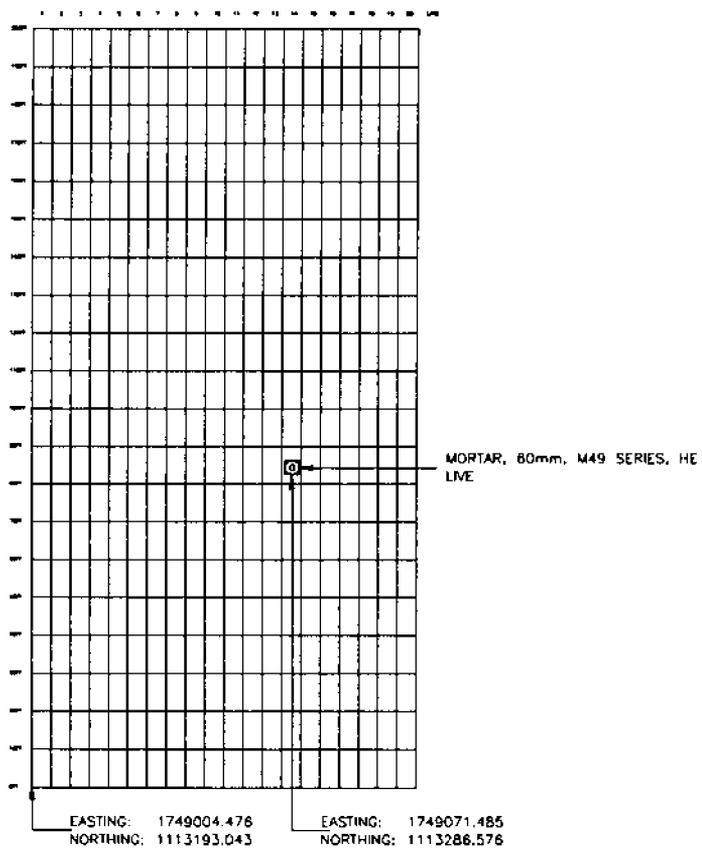


MORTAR, 60mm, M49 SERIES, HE
LIVE

EASTING: 1748904.494
 NORTHING: 1113792.456
 EASTING: 1748906.376
 NORTHING: 1113795.839
 EASTING: 1748911.644
 NORTHING: 1113794.336

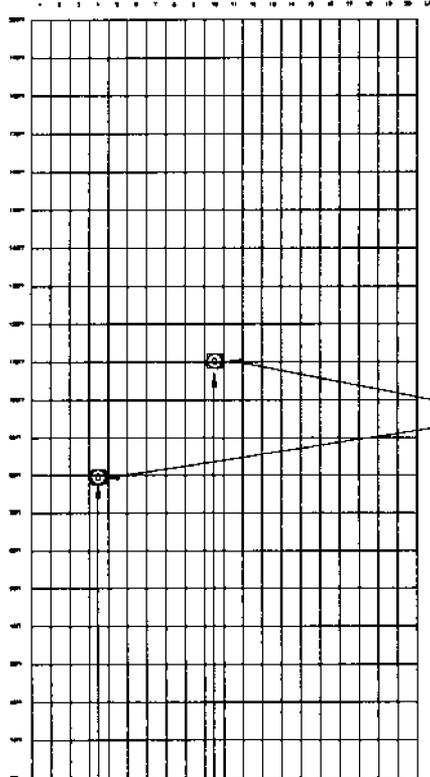
	<p>NOTE:</p> <p>48</p> <p>Symbol Indicates Item's Location</p> <p>Number Indicates Item's Depth in Inches</p>
--	--

<p>CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513</p> <p>Phone: (301) 705-5044 Fax: (301) 705-7561</p> <p>Richard Thiel, Project Manager</p>		<p>DRAWING:</p> <p>CROFT STATE PARK AREA: OOU2 GRID: AG15</p>	
<p>HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865</p>		<p>PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action</p>	
<p>DATE: 12 MARCH 97 BY HFA: ELH</p>		<p>PROJECT LOCATION: Camp Croft State Park, South Carolina</p> <p>CLIENT NAME: U.S. Army Corps of Engineers</p> <p>CONTRACT NUMBER: DACA87-94-D-0019 TASK ORDER: #0019</p> <p>SCALE: 1" = 50' PAPER SIZE: 8.5" X 11" DATUM: NAD83, SC STATE PLANE</p>	



	<p>NOTE:</p> <p>48</p> <p>Symbol indicates Ram's Location</p> <p>Number indicates Ram's Depth in Inches</p>
--	--

<p>CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513</p>	<p>DRAWING: CROFT STATE PARK AREA: 00U2 GRID: AH12</p>			
<p>Phone: (301) 705-5044 Fax: (301) 705-7581</p> <p>Richard Thiel, Project Manager</p>	<p>PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action</p> <p>PROJECT LOCATION: Camp Croft State Park, South Carolina</p>			
<p>HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865</p>	<p>CLIENT NAME: U.S. Army Corps of Engineers</p> <p>CONTRACT NUMBER: DACA87-94-D-0019</p>		<p>TASK ORDER: #0019</p>	
<p>DATE: 12 MARCH 97</p>	<p>BY HFA: ELH</p>	<p>SCALE: 1" = 50'</p>	<p>PAPER SIZE: 8.5" X 11"</p>	<p>DATUM: NAD83, SC STATE PLANE</p>

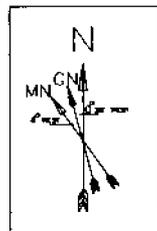


EASTING: 1749104.523
NORTHING: 1113192.848

EASTING: 1749122.854
NORTHING: 1113272.762

EASTING: 1749147.551
NORTHING: 1113302.363

MORTAR, 60mm, M49 SERIES, HE
LIVE



NOTE:

Symbol indicates Item's Location

Number indicates Item's Depth in Inches

CONTRACTOR:
Human Factors Applications, Inc.
700 Old Line Center, Suite 210
Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
Fax: (301) 705-7561

Richard Thiel, Project Manager

HFA, Inc. EDC Division, Croft State Park, SC
Arnie Niederhoffer, Senior UXO Supervisor
Phone: (864) 583-5791/3167
Fax: (864) 583-3865

DRAWING:
**CROFT STATE PARK
AREA: OOU2 GRID: AJ12**

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACA87-94-D-0019

TASK ORDER: #0019

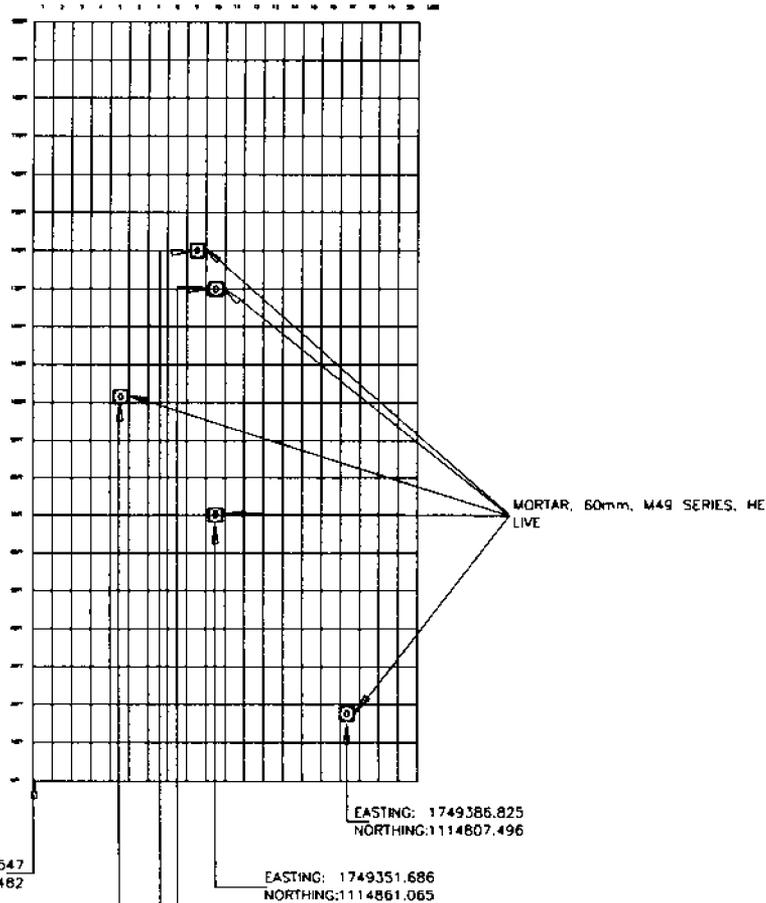
DATE: 12 MARCH 97

BY: HFA: ELH

SCALE: 1" = 50'

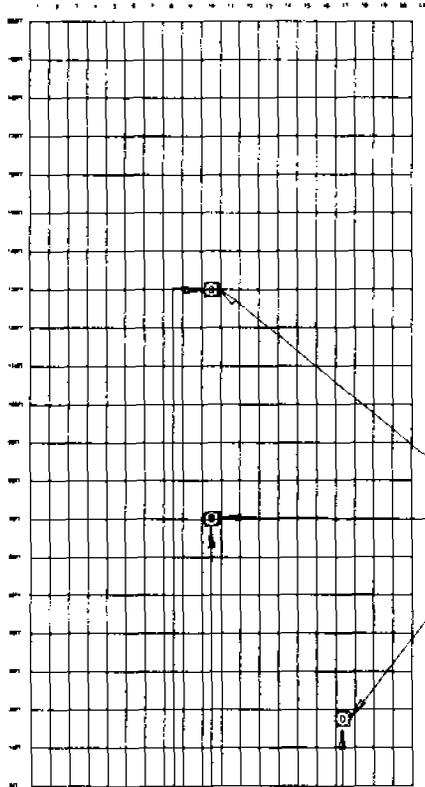
PAPER SIZE: 8.5" X 11"

DATUM: NAD83, SC STATE PLANE



	<p>NOTE:</p> <p style="text-align: center;">48</p> <p>Symbol indicates item's location.</p> <p>Number indicates item's depth in inches.</p>
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<p>CONTRACTOR:</p> <p>Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513</p> <p>Phone: (301) 705-5044 Fax: (301) 705-7581</p> <p>Richard Thiel, Project Manager</p>		<p>DRAWING:</p> <p style="text-align: center;">CROFT STATE PARK AREA: 00U2 GRID: AL20</p>	
<p>HFA, inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865</p>		<p>PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action</p> <p>PROJECT LOCATION: Camp Croft State Park, South Carolina</p>	
<p>DATE: 12 MARCH 97 BY HFA: ELH</p>		<p>CLIENT NAME: U.S. Army Corps of Engineers</p> <p>CONTRACT NUMBER: DACA87-94-D-0019 TASK ORDER: #0019</p>	
<p>SCALE: 1" = 50'</p>		<p>PAPER SIZE: 8.5" x 11"</p> <p>DATUM: NAD83, SC STATE PLANE</p>	



EASTING: 1749304.547
NORTHING: 1114791.482

EASTING: 1749351.686
NORTHING: 1114861.065

EASTING: 1749386.825
NORTHING: 1114807.496

EASTING: 1749351.686
NORTHING: 1114921.100

MORTAR, 60mm, M49 SERIES, HE
LIVE

	<p>NOTE:</p> <p>48</p> <p>Symbol indicates Item's Location</p> <p>Number indicates Rem's Depth in Inches</p>
--	---

CONTRACTOR:
Human Factors Applications, Inc.
700 Old Line Center, Suite 210
Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
Fax: (301) 705-7561

Richard Trier, Project Manager

DRAWING:
CROFT STATE PARK
AREA: OOU2 GRID: AL20

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

HFA, Inc. EOD Division, Croft State Park, SC
Arnie Niederhoffer, Senior UXO Supervisor
Phone: (864) 583-5791/3167
Fax: (864) 583-3865

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACAB7-94-D-0019

TASK ORDER: #0019

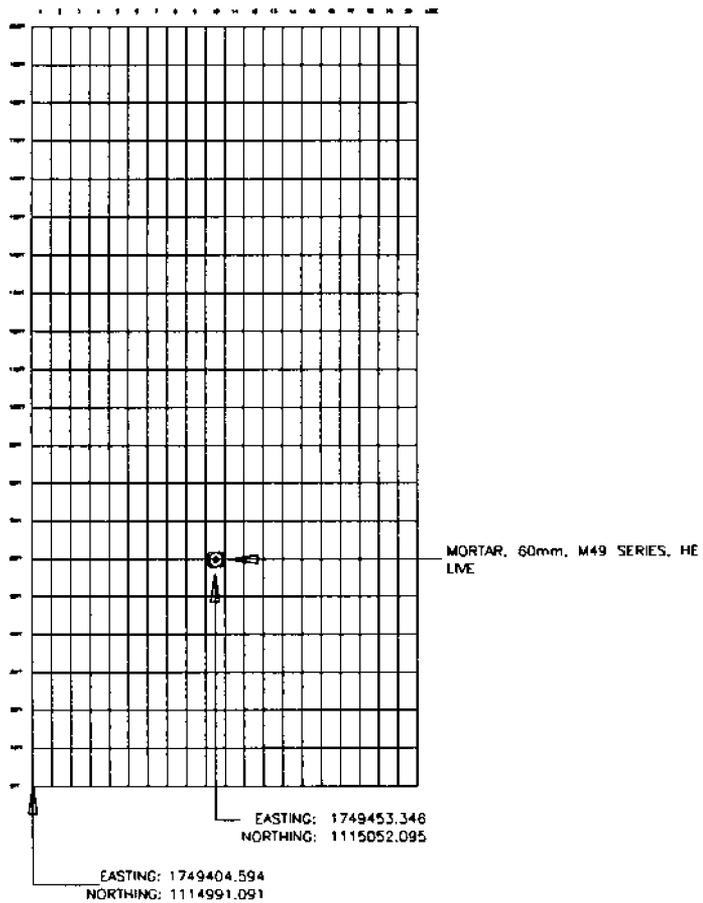
DATE: 12 MARCH 97

BY: HFA, ELH

SCALE: 1" = 50'

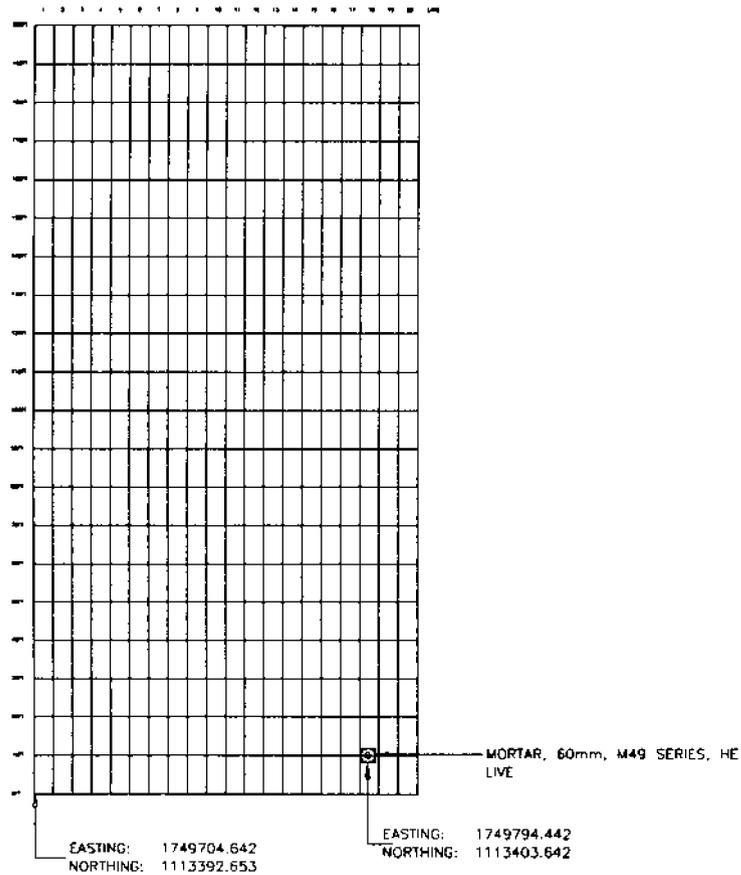
PAPER SIZE: 8.5" x 11"

DATUM: NAD83, SC STATE PLANE



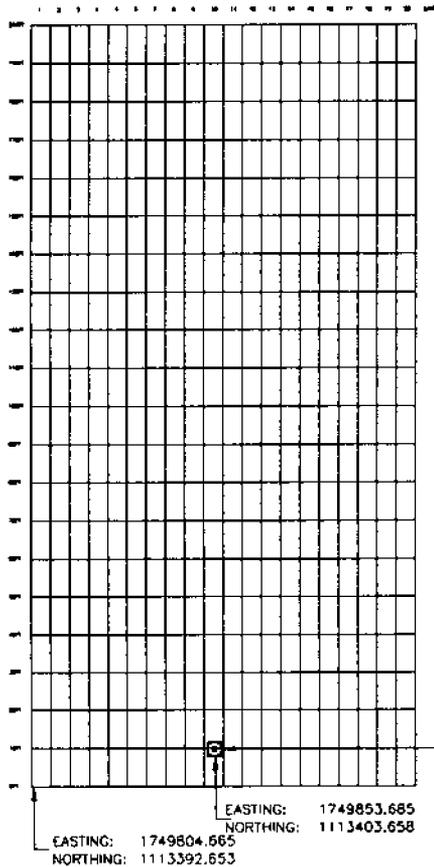
	<p>NOTE:</p> <p style="text-align: center;"> </p> <p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in Inches</p>
--	--

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: CROFT STATE PARK AREA: OOU2 GRID: AM21	
		PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action	
		PROJECT LOCATION: Camp Croft State Park, South Carolina	
HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		CLIENT NAME: U.S. Army Corps of Engineers	
		CONTRACT NUMBER: DACA87-94-D-0019	TASK ORDER: #0019
DATE: 12 MARCH 97	BY HFA: ELH	SCALE: 1" = 50'	PAPER SIZE: 8.5" x 11" DATUM: NAD83, SC STATE PLANE



	<p>NOTE:</p> <p></p> <p>Symbol indicates item's location</p> <p>Number indicates item's depth in inches</p>
--	--

<p>CONTRACTOR:</p> <p>Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513</p> <p>Phone: (301) 705-5044 Fax: (301) 705-7561</p> <p>Richard Thiel, Project Manager</p>	<p>DRAWING:</p> <p>CROFT STATE PARK AREA: 00U2 GRID: AR13</p>		
	<p>PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action</p>		
	<p>PROJECT LOCATION: Camp Croft State Park, South Carolina</p>		
<p>HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865</p>	<p>CLIENT NAME: U.S. Army Corps of Engineers</p>		<p>TASK ORDER: #0019</p>
<p>DATE: 12 MARCH 97</p>	<p>BY HFA: ELH</p>	<p>SCALE: 1" = 50'</p>	<p>PAPER SIZE: 8.5" X 11"</p>
<p>DATUM: NAD83, SC STATE PLANE</p>			



MORTAR, 60mm, M49 SERIES, HE
LIVE

EASTING: 1749804.665
NORTHING: 1113392.653

EASTING: 1749853.685
NORTHING: 1113403.658

	<p>NOTE:</p> <p></p> <p>Symbol indicates item's location</p> <p>Number indicates item's depth in inches</p>
--	--

CONTRACTOR:
Human Factors Applications, Inc.
700 Old Line Center, Suite 210
Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
Fax: (301) 705-7561

Richard Thiel, Project Manager

DRAWING:
CROFT STATE PARK
AREA: OOU2 GRID: AS13

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

HFA, Inc. EOD Division, Croft State Park, SC
Arnie Niederhoffer, Senior UXO Supervisor
Phone: (864) 583-5791/3167
Fax: (864) 583-3865

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACA87-94-D-0019

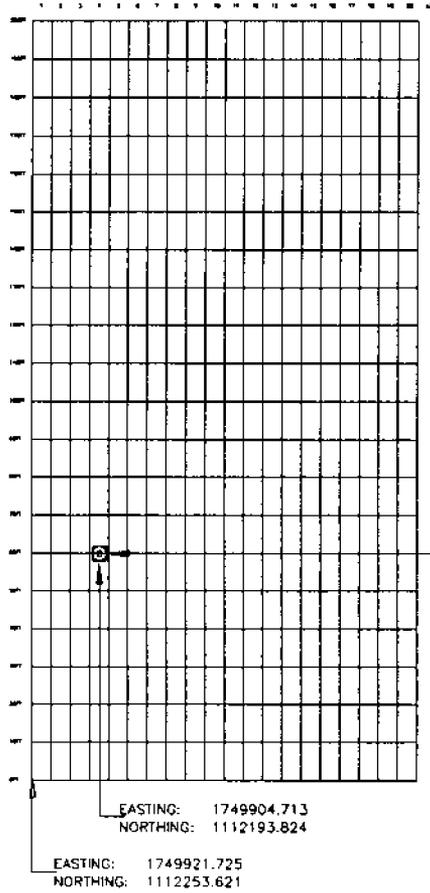
TASK ORDER: #0019

DATE: 12 MARCH 97 BY HFA: ELH

SCALE: 1" = 50'

PAPER SIZE: 8.5" X 11"

DATUM: NAD83, SC STATE PLANE



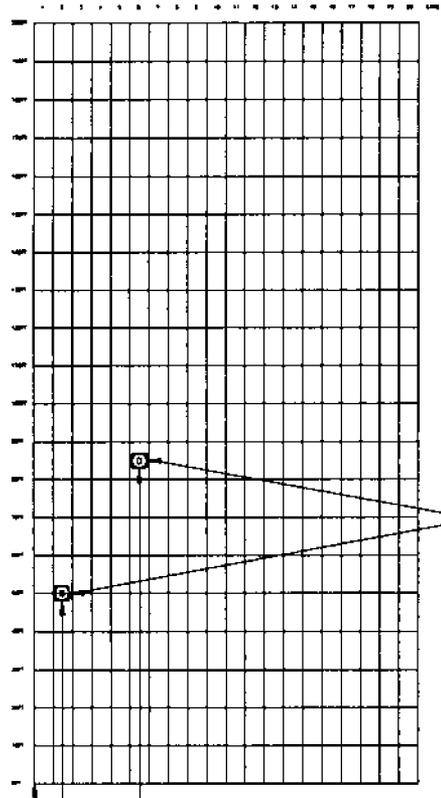
MORTAR, 80mm, M49 SERIES, HE LIME

EASTING: 1749904.713
NORTHING: 1112193.824

EASTING: 1749921.725
NORTHING: 1112253.621

	NOTE:
	<p>48</p> <p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in inches</p>

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: <h2 style="text-align: center;">CROFT STATE PARK</h2> <h3 style="text-align: center;">AREA: OOU2 GRID: AT7</h3>	
		PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action	
		PROJECT LOCATION: Camp Croft State Park, South Carolina	
HFA, inc. EOD Division, Croft State Park, SC Anne Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		CLIENT NAME: U.S. Army Corps of Engineers	
		CONTRACT NUMBER: DACA87-94-D-0019	TASK ORDER: #0019
DATE: 12 MARCH 97	BY HFA: ELH	SCALE: 1" = 50'	PAPER SIZE: 8.5" X 11" DATUM: NAD83, SC STATE PLANE



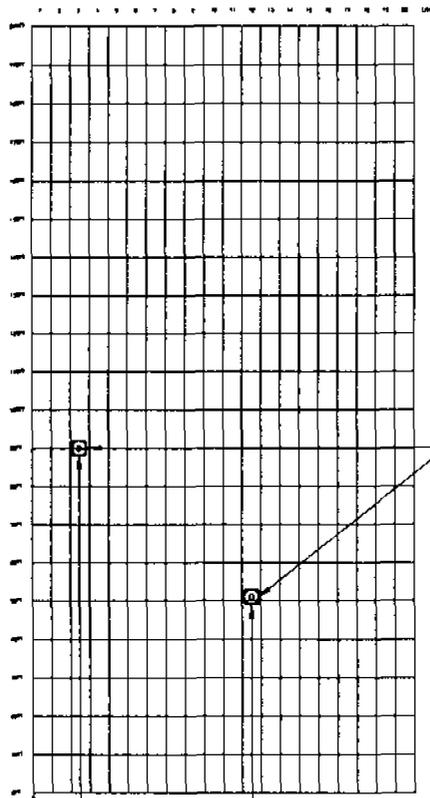
MORTAR, 60mm, M49 SERIES, HE
LIVE

EASTING: 1750004.737
NORTHING: 1114591.677

EASTING: 1750033.887
NORTHING: 1114676.542
EASTING: 1750013.680
NORTHING: 1114642.064

	<p>NOTE:</p> <p>48</p> <p>Symbol Indicates Item's Location</p> <p>Number Indicates Item's Depth in Inches</p>
--	--

<p>CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513</p> <p>Phone: (301) 705-5044 Fax: (301) 705-7561</p> <p>Richard Thiel, Project Manager</p>	<p>DRAWING:</p> <p style="text-align: center;">CROFT STATE PARK AREA: OOU2 GRID: AU19</p>		
<p>HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor</p> <p>Phone: (864) 583-5791/3167 Fax: (864) 583-3865</p>	<p>PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action</p>		<p>PROJECT LOCATION: Camp Croft State Park, South Carolina</p>
<p>DATE: 12 MARCH 97</p>	<p>BY HFA: ELH</p>	<p>CLIENT NAME: U.S. Army Corps of Engineers</p>	<p>CONTRACT NUMBER: DACA87-94-D-0019</p>
<p>SCALE: 1" = 50'</p>		<p>PAPER SIZE: 8.5" X 11"</p>	<p>TASK ORDER: #0019</p>
<p>DATUM: NAD83, SC STATE PLANE</p>			<p></p>



EASTING: 175004.737
NORTHING: 1114791.482

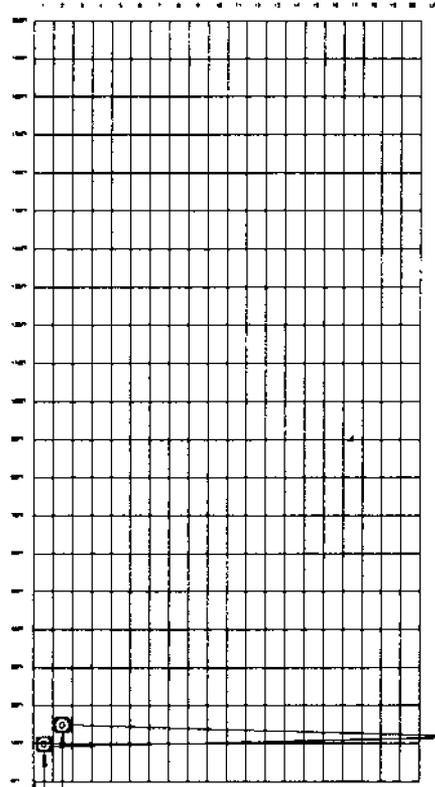
EASTING: 1750063.355
NORTHING: 1114843.046

EASTING: 1750018.731
NORTHING: 1114881.729

MORTAR, 60mm, M49 SERIES, HE
LIVE

	<p>NOTE:</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">48</div> <p>Symbol Indicates Item's Location</p> <p>Number Indicates Item's Depth in Inches</p>
--	---

<p>CONTRACTOR: Human Factors Applications, inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513</p> <p>Phone: (301) 705-5044 Fax: (301) 705-7561</p> <p>Richard Thiel, Project Manager</p>	<p>DRAWING:</p> <h2 style="text-align: center;">CROFT STATE PARK</h2> <h3 style="text-align: center;">AREA: OOU2 GRID: AU20</h3>
	PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action
	PROJECT LOCATION: Camp Croft State Park, South Carolina
<p>HFA, Inc. EOD Division, Croft State Park, SC Arnie Nedorhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865</p>	CLIENT NAME: U.S. Army Corps of Engineers
	CONTRACT NUMBER: DACA87-94-D-0019
	TASK ORDER: #0019
DATE: 12 MARCH 97 BY HFA: ELH	SCALE: 1" = 50'
	PAPER SIZE: 8.5" X 11"
	DATUM: NAD83, SC STATE PLANE



MORTAR, 60MM, M49 SERIES
LIME

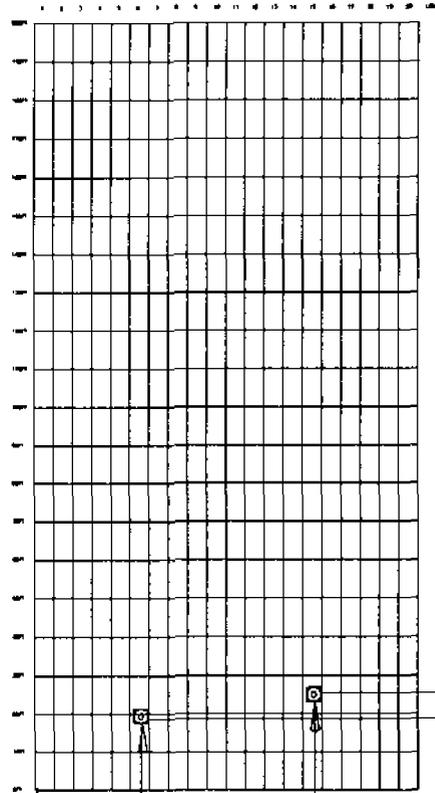
EASTING: 1750111.242
NORTHING: 1115810.215

EASTING: 1750105.397
NORTHING: 1115795.332

EASTING: 1750106.23
NORTHING: 1115804.378

	NOTE:
	<p>Symbol indicates item's location</p> <p>Number indicates item's depth in inches</p>

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thier, Project Manager		DRAWING: <h2 style="text-align: center;">CROFT STATE PARK AREA: OOU2 GRID: AV25</h2>	
		PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action	
		PROJECT LOCATION: Camp Croft State Park, South Carolina	
HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		CLIENT NAME: U.S. Army Corps of Engineers	
		CONTRACT NUMBER: DAC87-94-D-0019	TASK ORDER: #0019
DATE: 27 FEBRUARY 97	BY HFA: ELH	SCALE: 1" = 50' PAPER SIZE: 8.5" x 11"	DATUM: NAD83, SC STATE PLANE



EASTING: 1747503.822
NORTHING: 1113792.477

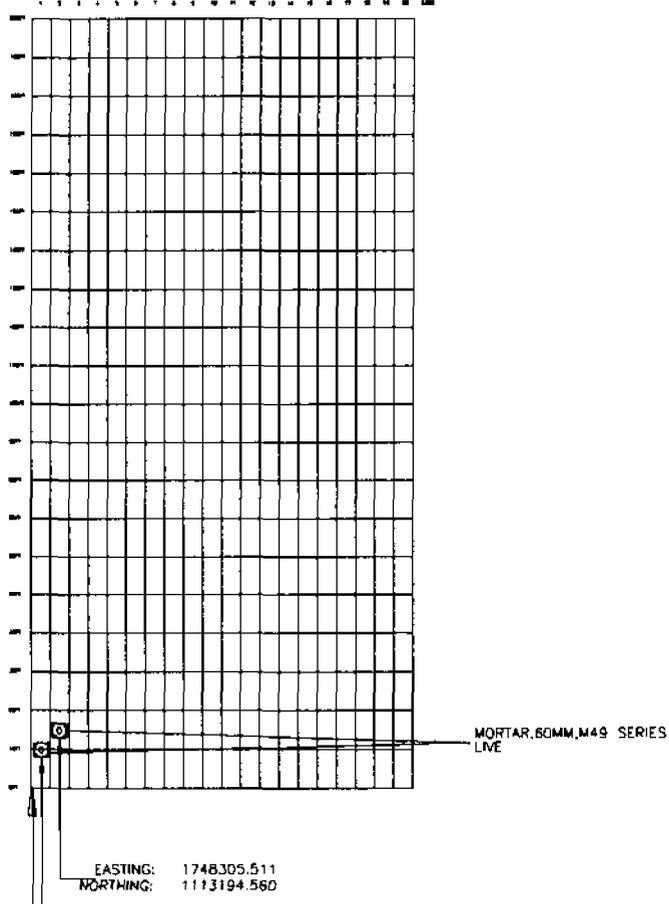
EASTING: 1747531.840
NORTHING: 1113812.544

EASTING: 1747577.232
NORTHING: 1113817.175

MORTAR, 60MM, M49SERIES, HE
LIVE

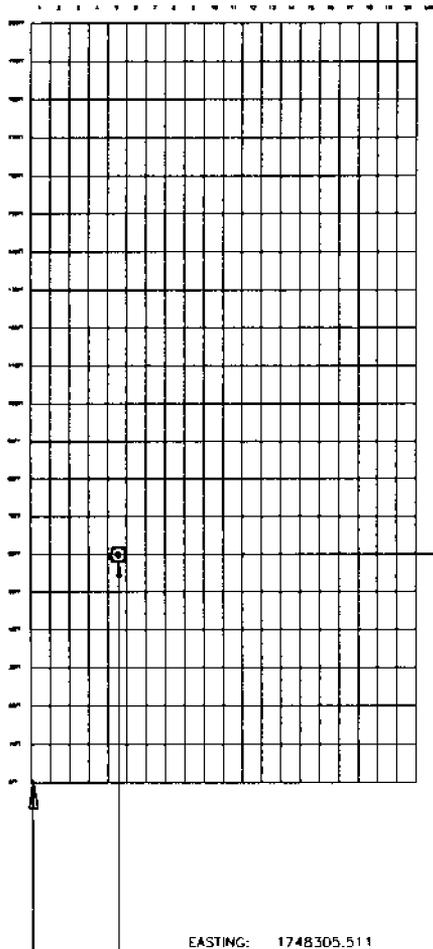
	<p>NOTE:</p> <p>48</p> <p>Symbol indicates item's Location</p> <p>Number indicates item's Depth in Inches</p>
--	--

<p>CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513</p> <p>Phone: (301) 705-5044 Fax: (301) 705-7561</p> <p>Richard Thiel, Project Manager</p>	<p>DRAWING:</p> <p>CROFT STATE PARK AREA: 00U2 GRID: S15</p>		
<p>HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865</p>	<p>PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action</p>		
<p>DATE: 12 MARCH 97 BY HFA: ELH</p>	<p>PROJECT LOCATION: Camp Croft State Park, South Carolina</p>	<p>CLIENT NAME: U.S. Army Corps of Engineers</p>	<p>CONTRACT NUMBER: DACA87-94-D-0019</p>
	<p>TASK ORDER: #0019</p>	<p>SCALE: 1" = 50'</p>	<p>PAPER SIZE: 8.5" X 11"</p> <p>DATUM: NAD83, SC STATE PLANE</p>



	<p>NOTE:</p> <p style="text-align: center;">48</p> <p>Symbol indicates Item's Location</p> <p>Number indicates Item Depth in Inches</p>
--	---

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: <h2 style="text-align: center;">CROFT STATE PARK</h2> <h3 style="text-align: center;">AREA: OOU2 GRID: AV25</h3>	
PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action		PROJECT LOCATION: Camp Croft State Park, South Carolina	
CLIENT NAME: U.S. Army Corps of Engineers		CONTRACT NUMBER: DACA87-94-D-0019	
DATE: 27 FEBRUARY 97		TASK ORDER: #0019	
BY HFA: ELH	SCALE: 1" = 50'	PAPER SIZE: 8.5" X 11"	DATUM: NAD83, SC STATE PLANE



MORTAR, 60MM, M49 SERIES
LIVE

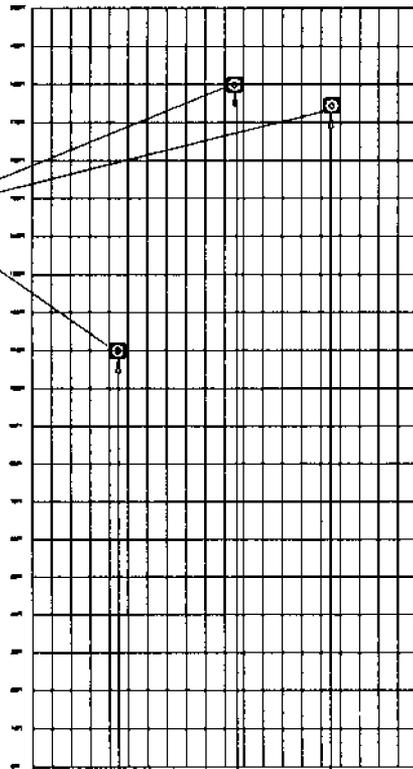
EASTING: 1747605.397
NORTHING: 1113195.332

EASTING: 1748305.511
NORTHING: 1113194.560

	<p>NOTE:</p> <p> Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in Inches</p>
--	---

<p>CONTRACTOR:</p> <p>Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513</p> <p>Phone: (301) 705-5044 Fax: (301) 705-7561</p> <p>Richard Thiel, Project Manager</p>		<p>DRAWING:</p> <p>CROFT STATE PARK AREA: OOU2 GRID: T12</p>	
		<p>PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action</p>	
		<p>PROJECT LOCATION: Camp Croft State Park, South Carolina</p>	
<p>HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone (864) 583-5791/3167 Fax: (864) 583-3865</p>		<p>CLIENT NAME: U.S. Army Corps of Engineers</p>	
		<p>CONTRACT NUMBER: DACA87-94-D-0019</p>	<p>TASK ORDER: #0019</p>
<p>DATE: 27 FEBRUARY 97</p>	<p>BY HFA: ELH</p>	<p>SCALE: 1" = 50'</p>	<p>PAPER SIZE: 8.5" X 11"</p>
		<p>DATUM: NAD83, SC STATE PLANE</p>	

MORTAR, 60mm, M49 SERIES, HE
LIVE



EASTING: 1747703.608
NORTHING: 1113192.825

EASTING: 1747726.884
NORTHING: 1113302.501

EASTING: 1747756.647
NORTHING: 1113373.064

EASTING: 1747781.878
NORTHING: 1113368.024

	<p>NOTE:</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;"> <p>49</p> </div> <p>Symbol indicates item's location</p> <p>Number indicates item's depth in inches</p>
--	--

CONTRACTOR:
Human Factors Applications, Inc.
700 Old Line Center, Suite 210
Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
Fax: (301) 705-7561

Richard Thiel, Project Manager

DRAWING:
CROFT STATE PARK
AREA: 00U2 GRID: U12

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

HFA, Inc. EOD Division, Croft State Park, SC
Arnie Niederhoffer, Senior UXO Supervisor
Phone: (864) 583-5791/3167
Fax: (864) 583-3865

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACA87-94-D-0019

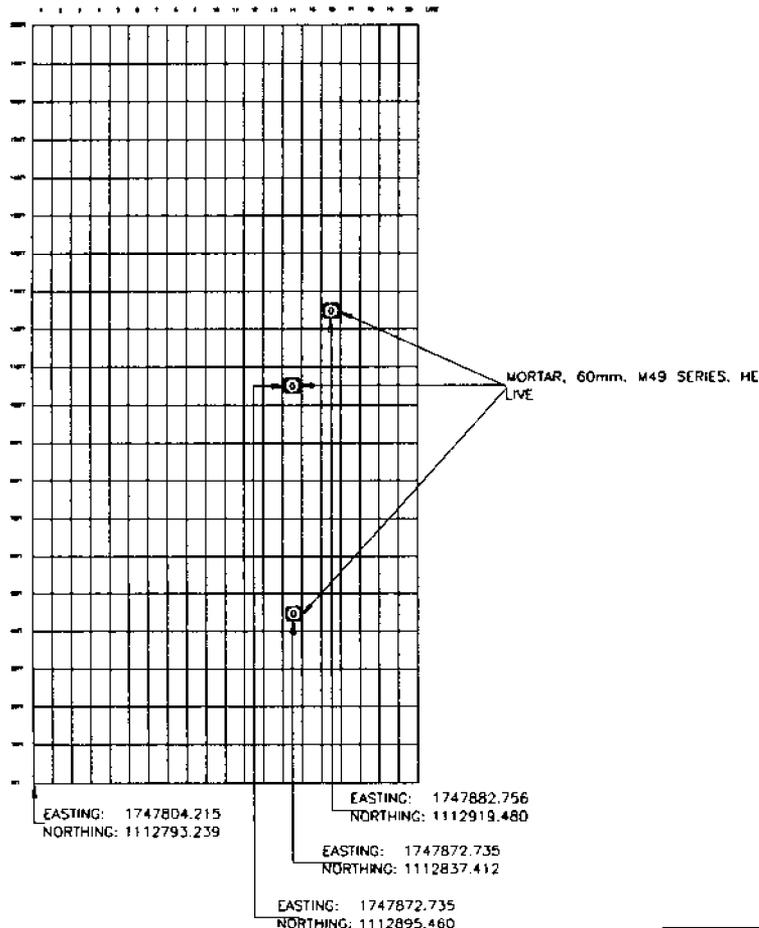
TASK ORDER: #0019

DATE: 12 MARCH 97 BY HFA: ELH

SCALE: 1" = 50'

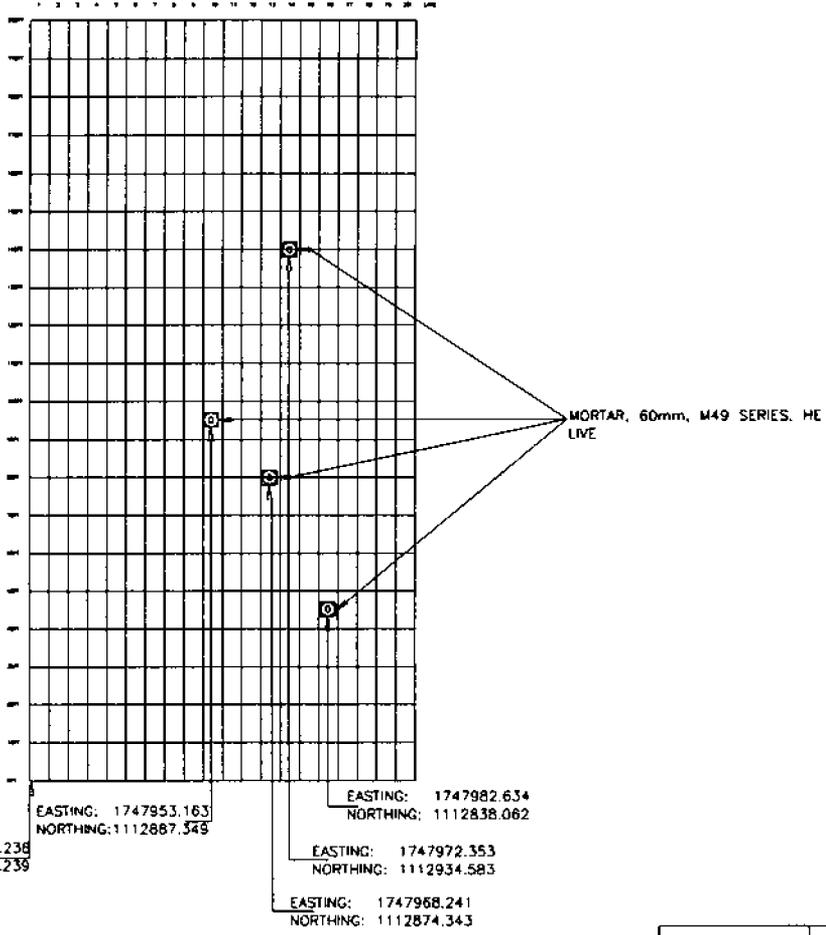
PAPER SIZE: 8.5" x 11"

DATUM: NAD83, SC STATE PLANE



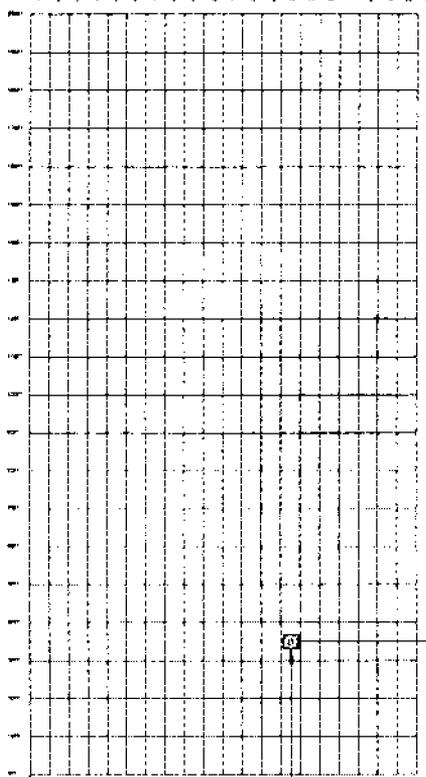
	NOTE:
	<p>Symbol Indicates Kern's Location</p> <p>Number Indicates Kern's Depth in Inches</p>

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: <h2 style="text-align: center;">CROFT STATE PARK</h2> <h3 style="text-align: center;">AREA: OOU2 GRID: V10</h3>	
		PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action	
		PROJECT LOCATION: Camp Croft State Park, South Carolina	
HFA, Inc., EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		CLIENT NAME: U.S. Army Corps of Engineers	
		CONTRACT NUMBER: DACA87-94-D-0019	TASK ORDER: #0019
DATE: 12 MARCH 97	BY HFA: ELH	SCALE: 1" = 50'	PAPER SIZE: 8.5" X 11" DATUM: NAD83, SC STATE PLANE



	NOTE:
	 Symbol indicates Item's Location Number indicates Item's Depth in Inches

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Walaorl, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: CROFT STATE PARK AREA: OOU2 GRID: W10	
PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action		PROJECT LOCATION: Camp Croft State Park, South Carolina	
HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		CLIENT NAME: U.S. Army Corps of Engineers	
DATE: 12 MARCH 97 BY: HFA: ELH		CONTRACT NUMBER: DACAB7-94-D-0019	TASK ORDER: #0019
SCALE: 1" = 50'	PAPER SIZE: 8.5" x 11"	DATUM: NAD83, SC STATE PLANE	



MORTAR, 60mm, M49 SERIES, 1 PL.
CVE

EASTING 1747705.397
NORTHING 1114395.552

EASTING 1747711.814
NORTHING 1114326.994



NOTE:



Symbol indicates Item's Location

Number indicates Item Count in Inventory

CONTRACTOR:

Human Factors Applications, Inc.
700 Old Line Center, Suite 213
Waldorf, Maryland 20602-2515

Phone (301) 705-5044
Fax (301) 705-7541

Richard J. Tittel, Project Manager

Human Factors Applications, Inc. is a
Federal Acquisition Regulation (FAR) 53.201-6
Qualified Small Business Concern

Phone (301) 705-5044
Fax (301) 705-7541

DA FORM 1 MAR 79 (REV 10-78) 1-79

DRAWING:

CROFT STATE PARK
AREA: 00U2 GRID: U16

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

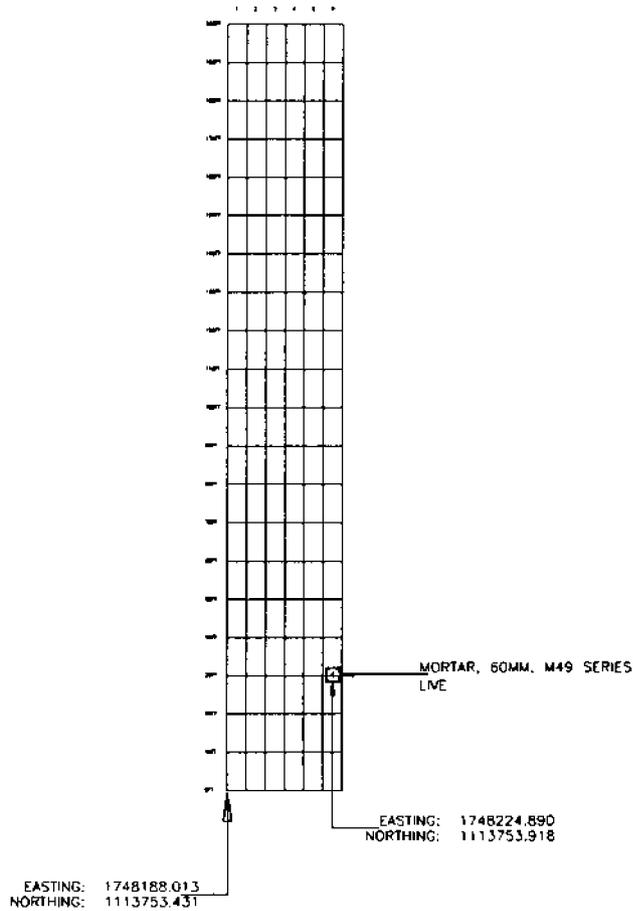
PROJECT LOCATION: Camp Croft State Park, South Carolina

ENGINEER: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACAS7-94-D-0019

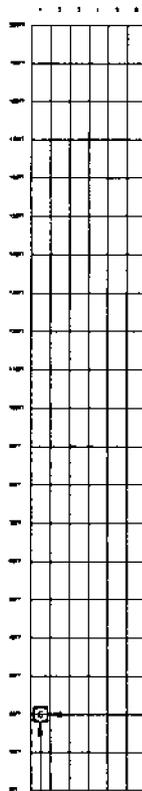
TASK ORDER: #0019

SCALE: 1" = 50' DATE: 15 FEB 95 8.5 (11) 15 FEB 95, 80 STATE PLAN



	NOTE:
	 Symbol Indicates Item's Location Number Indicates Item's Depth in Inches

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: <h2 style="text-align: center;">CROFT STATE PARK</h2> <h3 style="text-align: center;">AREA: OOU2 Horse Trails GRID: HT-A1</h3>	
		PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action	
		PROJECT LOCATION: Croft State Park, Spartanburg, SC	
HFA, Inc., EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		CLIENT NAME: U.S. Army Corps of Engineers	
		CONTRACT NUMBER: DACA87-94-D-0019	TASK ORDER: #0019
DATE: 18 MARCH 97	BY HFA: ELH	SCALE: 1" = 50'	PAPER SIZE: 8.5" X 11" DATUM: SC State Plane



EASTING: 1748058.753
NORTHING: 1113603.392

EASTING: 1748074.125
NORTHING: 1113612.464

MORTAR, 60MM, M49 SERIES
LIVE

	<p>NOTE:</p>  <p>Symbol Indicates Item's Location</p> <p>Number Indicates Item's Depth in Inches</p>
--	---

CONTRACTOR:
Human Factors Applications, Inc.
700 Old Line Center, Suite 210
Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
Fax: (301) 705-7561

Richard Thiel, Project Manager

HFA, Inc. EGI Division, Croft State Park, SC
Arnie Niccognafer, Senior UXO Supervisor
Phone: (864) 583-5791/3167
Fax: (864) 583-3865

DRAWING:
CROFT STATE PARK
AREA: OOU2 Horse Trails GRID: HT-A2

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Croft State Park, Spartanburg, SC

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DAC87-94-D-0019

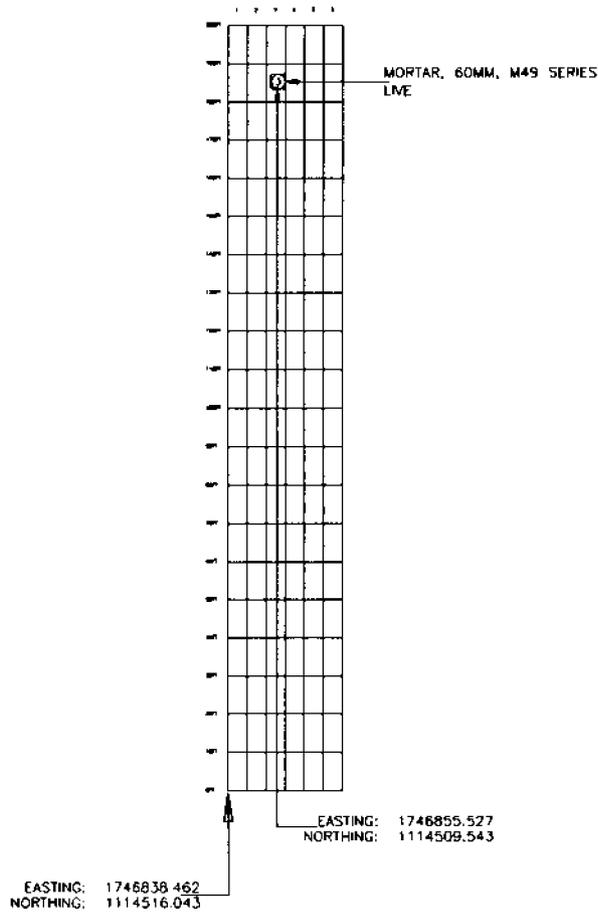
TASK ORDER: #0019

DATE: 18 MARCH 97 BY HFA: ELH

SCALE: 1" = 50'

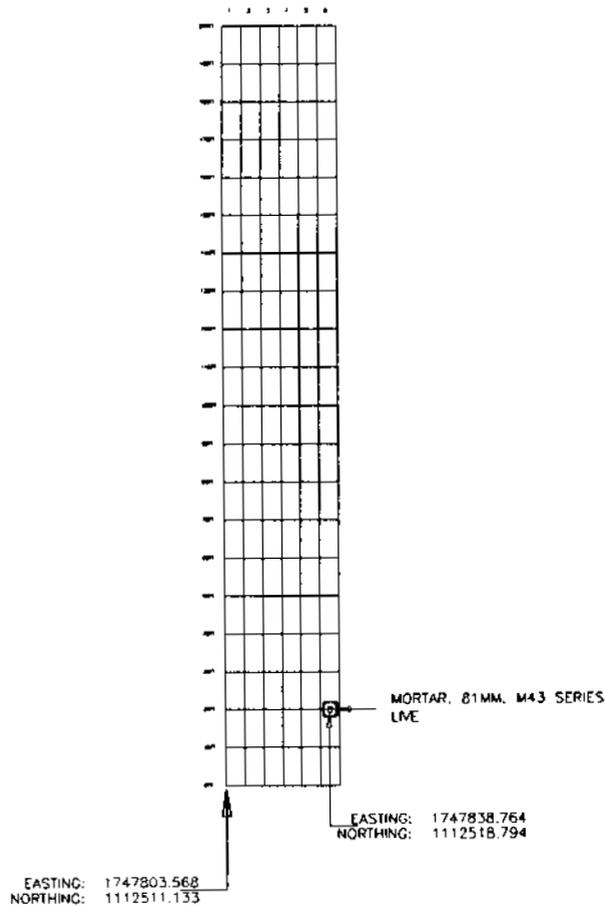
PAPER SIZE: 8.5" X 11"

DATUM: SC State Plane



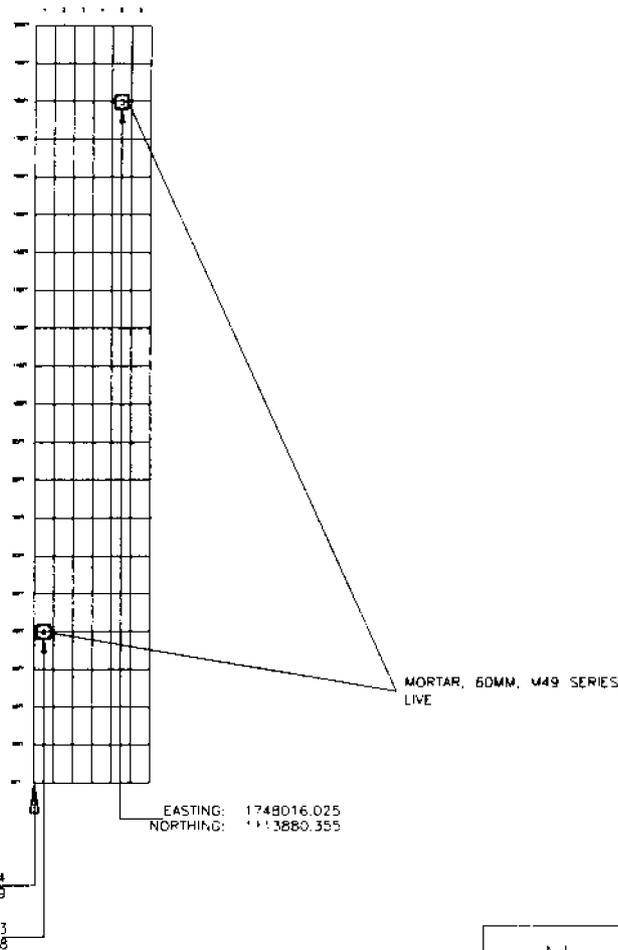
	<p>NOTE:</p> <p style="text-align: center;">48</p> <p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in Inches</p>
--	---

<p>CONTRACTOR:</p> <p>Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513</p> <p>Phone: (301) 705-5044 Fax: (301) 705-7561</p> <p>Richard Thiel, Project Manager</p>		<p>DRAWING:</p> <p style="text-align: center;">CROFT STATE PARK AREA: 00U2 Horse Trails GRID: HT-2</p>	
		<p>PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action</p>	
		<p>PROJECT LOCATION: Croft State Park, Spartanburg, SC</p>	
<p>HFA, Inc., EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865</p>		<p>CLIENT NAME: U.S. Army Corps of Engineers</p>	
		<p>CONTRACT NUMBER: DACA87-94-D-0019</p>	<p>TASK ORDER: #0019</p>
<p>DATE: 18 MARCH 97</p>	<p>BY HFA: ELH</p>	<p>SCALE: 1" = 50'</p>	<p>PAPER SIZE: 8.5" X 11"</p>
		<p>DAIUM: SC State Plane</p>	



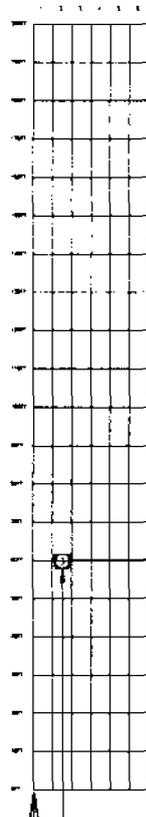
	<p>NOTE:</p> <p style="text-align: center;">48</p> <p>Symbol Indicates Item's Location</p> <p>Number Indicates Item's Depth in Inches</p>
--	---

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager	DRAWING: <h2 style="text-align: center;">CROFT STATE PARK</h2> <h3 style="text-align: center;">AREA: OOU2 Horse Trails GRID: HT-22</h3>		
	PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action		
PROJECT LOCATION: Croft State Park, Spartanburg, SC			
HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		CLIENT NAME: U.S. Army Corps of Engineers	
		CONTRACT NUMBER: DACA87-94-D-0019	TASK ORDER: #0019
DATE: 18 MARCH 97	BY HFA: ELH	SCALE: 1" = 50'	PAPER SIZE: 8.5" X 11" DATUM: SC State Plane



	NOTE:
	<p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in inches</p>

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: <p style="text-align: center;">CROFT STATE PARK AREA: OOU2 Horse Trails GRID: HT10</p>	
HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action PROJECT LOCATION: Croft State Park, Spartanburg, SC	
CLIENT NAME: U.S. Army Corps of Engineers		CONTRACT NUMBER: DACAB7-94-D-0019 TASK ORDER: #0019	
DATE: 18 MARCH 97	BY HFA: ELH	SCALE: 1" = 50'	PAPER SIZE: 8.5" x 11" DATUM: SC State Plane



MORTAR, 60MM, M49 SERIES
LIVE

EASTING: 1748034.951
NORTHING: 1113857.764

EASTING: 1748097.173
NORTHING: 1113855.063

	<p>NOTE:</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">48</div> <p>Symbol Indicates Item's Location</p> <p>Number Indicates Item's Depth In Inches</p>
--	---

CONTRACTOR:
Human Factors Applications, Inc.
700 Old Line Center, Suite 210
Waldorf, Maryland 20602-2513
Phone: (301) 705-5044
Fax: (301) 705-7561
Richard Thiel, Project Manager

DRAWING:
CROFT STATE PARK
AREA: 00U2 Horse Trails GRID: HT11

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Croft State Park, Spartanburg, SC

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACA87-94-D-0019 TASK ORDER: #0019

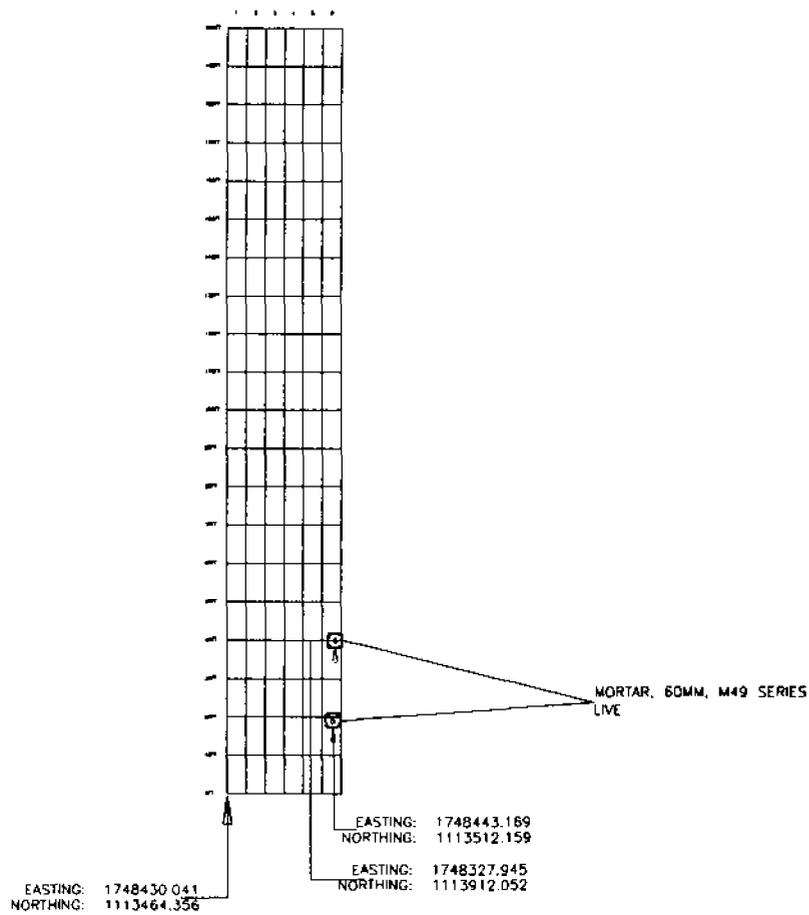
HFA, Inc. EOD Division, Croft State Park, SC
Arnie Niederhoffer, Senior UXO Supervisor
Phone: (864) 583-5791/3167
Fax: (864) 583-3865

DATE: 18 MARCH 97 BY: HFC: EL-

SCALE: 1" = 50'

PAPER SIZE: 8.5" x 11"

DATUM: SC State Plane

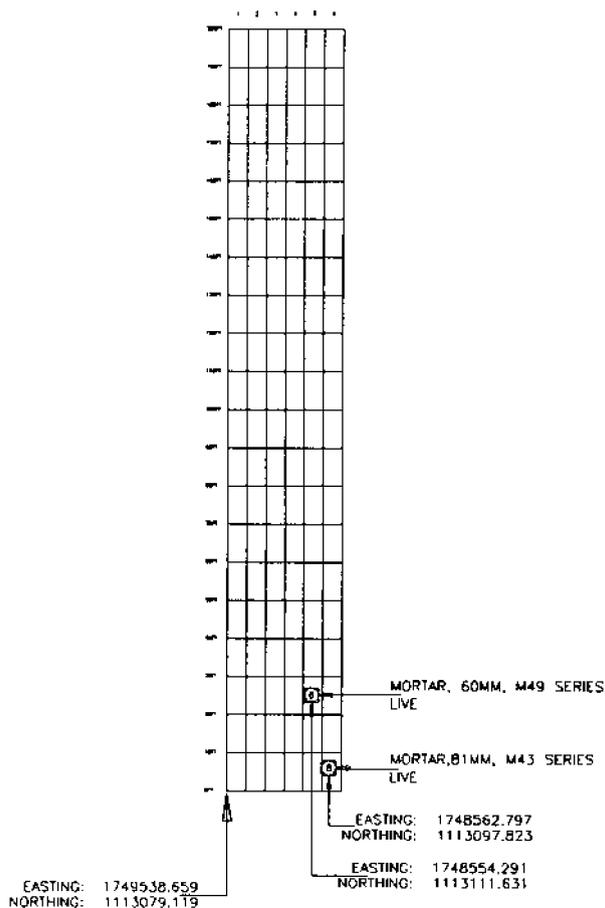


NOTE:

Symbol indicates Item's Location

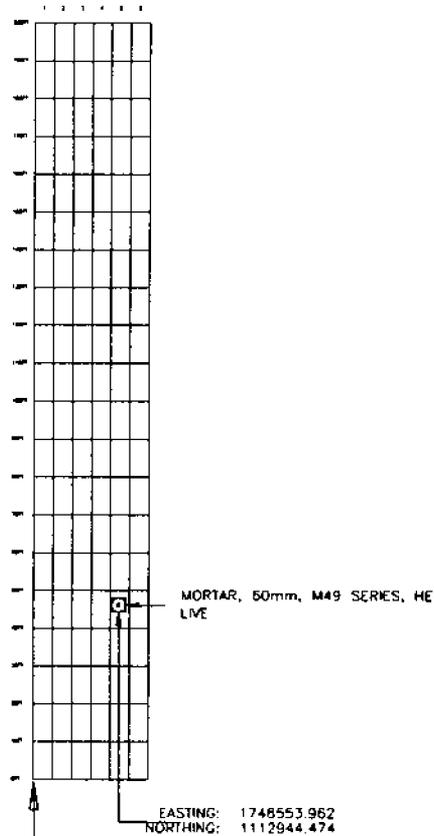
Number indicates Item's Depth in Inches

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: <p style="text-align: center;">CROFT STATE PARK</p> <p style="text-align: center;">AREA: OOU2 Horse Trails GRID: HT14</p>	
		PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action	
		PROJECT LOCATION: Croft State Park, Spartanburg, SC	
HFA, Inc. EOD Division, Croft State Park, SC Arnie Niedernhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		CLIENT NAME: U.S. Army Corps of Engineers	
		CONTRACT NUMBER: DACA87-94-D-0019	TASK ORDER: #0019
DATE: 8 MARCH 97	BY HFA: ELH	SCALE: 1" = 50' PAPER SIZE: 8.5" X 11"	DATUM: SC State Plane



	<p>NOTE:</p> <p> Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in inches</p>
--	--

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: <h2 style="text-align: center;">CROFT STATE PARK</h2> <h3 style="text-align: center;">AREA: OOU2 Horse Trails GRID: HT-16</h3>	
PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action		PROJECT LOCATION: Croft State Park, Spartanburg, SC	
CLIENT NAME: U.S. Army Corps of Engineers		CONTRACT NUMBER: DACA87-94-D-0019	
DATE: 18 MARCH 97		TASK ORDER: #0019	
BY HFA: ELH		SCALE: 1" = 50'	
PAPER SIZE: 8.5" x 11"		DATUM: SC State Plane	

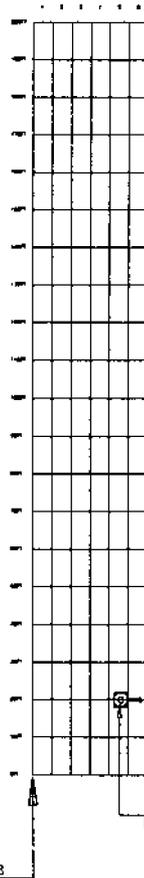


EASTING: 1748520.925
NORTHING: 1112919.711

EASTING: 1748553.962
NORTHING: 1112944.474

	<p>NOTE:</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">48</div> <p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in Inches</p>
--	---

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: <h2 style="text-align: center;">CROFT STATE PARK</h2> <h3 style="text-align: center;">AREA: OOU2 Horse Trails GRID: HT-17</h3>	
PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action		PROJECT LOCATION: Croft State Park, Spartanburg, SC	
CLIENT NAME: U.S. Army Corps of Engineers		CONTRACT NUMBER: DACA87-94-D-0019	
DATE: 18 MARCH 97		TASK ORDER: #0019	
BY HFA: ELH	SCALE: 1" = 50'	PAPER SIZE: 8.5" X 11"	DATUM: SC State Plane



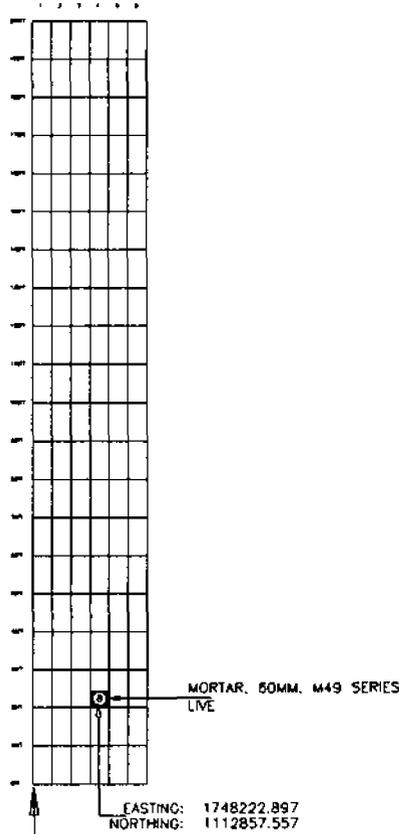
MORTAR, 60MM, M49 SERIES
LIVE

EASTING: 1748359.107
NORTHING: 1112927.469

EASTING: 1748331.398
NORTHING: 1112917.497

	<p>NOTE:</p> <p></p> <p>Symbol indicates Rem's Location</p> <p>Number indicates Rem's Depth in inches</p>
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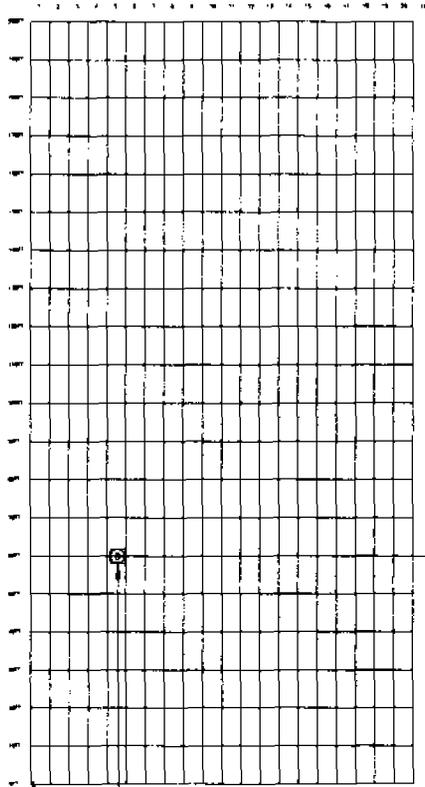
<p>CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513</p> <p>Phone: (301) 705-5044 Fax: (301) 705-7561</p> <p>Richard Thiel, Project Manager</p>	<p>DRAWING:</p> <p style="text-align: center;">CROFT STATE PARK AREA: OOU2 Horse Trails GRID: HT-18</p>		
<p>HFA, Inc. EGO Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865</p>	<p>PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action</p>	<p>PROJECT LOCATION: Croft State Park, Spartanburg, SC</p>	
<p>DATE: 18 MARCH 97 BY HFA: ELH</p>	<p>CLIENT NAME: U.S. Army Corps of Engineers</p>	<p>CONTRACT NUMBER: DACA87-94-D-0019</p>	<p>TASK ORDER: #0019</p>
<p>SCALE: 1" = 50'</p>	<p>PAPER SIZE: 8.5" X 11"</p>	<p>DATUM: SC State Plane</p>	



EASTING: 1748198.396
NORTHING: 1112849.970

	<p>NOTE:</p> <p>48</p> <p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in Inches</p>
--	--

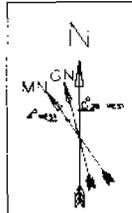
<p>CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513</p> <p>Phone: (301) 705-5044 Fax: (301) 705-7561</p> <p>Richard Thiel, Project Manager</p>	<p>DRAWING:</p> <p style="text-align: center;">CROFT STATE PARK AREA: OOU2 Horse Trails GRID: HT-19</p>		
<p>HFA, inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865</p>	<p>PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action</p>		
<p>DATE: 18 MARCH 97</p>	<p>BY HFA: ELH</p>	<p>PROJECT LOCATION: Croft State Park, Spartanburg, SC</p>	
	<p>CLIENT NAME: U.S. Army Corps of Engineers</p>		
	<p>CONTRACT NUMBER: DACA87-94-D-0019</p>	<p>TASK ORDER: #0019</p>	
		<p>SCALE: 1" = 50'</p>	<p>PAPER SIZE: 8.5" X 11"</p> <p>DATUM: SC State Plane</p>



MORTAR, 60MM, M49 SERIES
LIVE

EASTING: 1747605.397
NORTHING: 1113195.332

EASTING: 1747626.039
NORTHING: 1113254.205



NOTE



Symbol
Indicates
Item's
Location

Number
Indicates
Item's Depth
in Inches

CONTRACTOR:
Human Factors Applications, Inc.
700 Old Line Center, Suite 210
Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
Fax: (301) 705-7561

Richard Thiel, Project Manager

DRAWING:
CROFT STATE PARK
AREA: OOU2 GRID: T12

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: Camp Croft State Park, South Carolina

HFA, Inc. EOD Division, Croft State Park, SC
Arnie Niederhoffer, Senior UXO Supervisor
Phone: (864) 583-5791/3167
Fax: (864) 583-3865

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACAB7-94-D-0019

TASK ORDER: #0019

DATE: 27 FEBRUARY 97

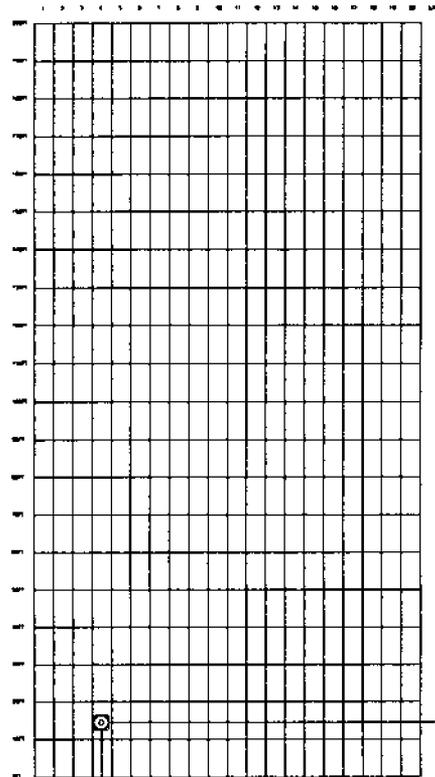
BY: HFA, E.H.

SCALE: 1" = 50'

PAPER SIZE: 8.5" x 11"

DATUM: NAD83, SC STATE PLANE

OOU - 3



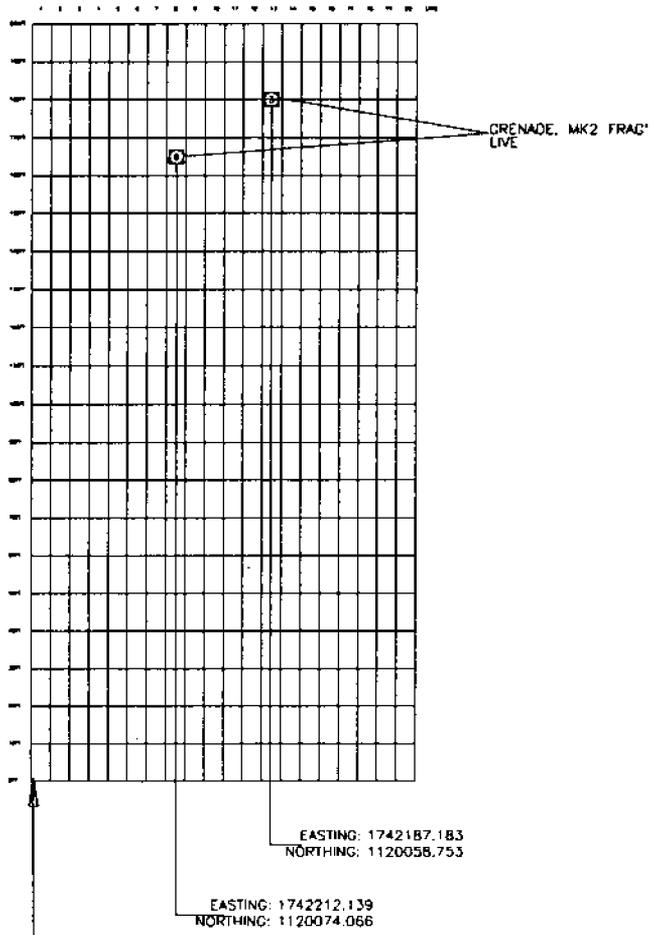
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NORTHING: 1119893.612

EASTING: 1742352.084
NORTHING: 1119903.526

GRENADE, MK2 FRAG
LIVE

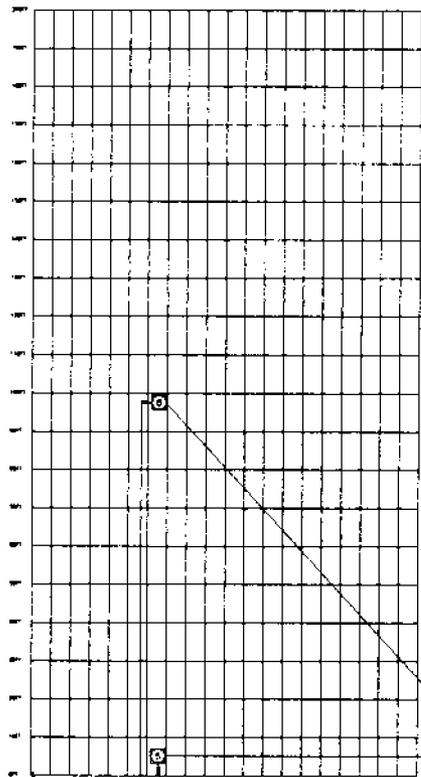
	<p>NOTE:</p> <p></p> <p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in Inches</p>
--	--

<p>CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513</p>		<p>DRAWING: FORMER CAMP CROFT AREA 3, GRID: E2</p>			
<p>Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiet, Project Manager</p>		<p>PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action</p>			
<p>HFA, Inc., EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865</p>		<p>PROJECT LOCATION: SPARTANBURG, SOUTH CAROLINA</p>			
<p>DATE: 12 MARCH 97</p>		<p>BY HFA: ELH</p>	<p>SCALE: 1" = 50'</p>	<p>PAPER SIZE: 8.5" X 11" TASK ORDER: #0019 DATUM: NAD83, SC STATE PLANE</p>	



	<p>NOTE:</p> <p style="text-align: center;">48</p> <p>Symbol indicates item's location</p> <p>Number indicates item's depth in inches</p>
--	--

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: <h2 style="text-align: center;">FORMER CAMP CROFT AREA 3, GRID: C2</h2>	
		PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action	
		PROJECT LOCATION: SPARTANBURG, SOUTH CAROLINA	
HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		CLIENT NAME: U.S. Army Corps of Engineers	
		CONTRACT NUMBER: DACA87-94-D-0019	TASK ORDER: #0019
DATE: 10 MARCH 97	BY HFA: ELH	SCALE: 1" = 50'	PAPER SIZE: 8.5" X 11" DATUM: NAD83, SC STATE PLANE



EASTING: 1742149.779
NORTHING: 1120093.612

EASTING: 1742166.978
NORTHING: 1120092.745

EASTING: 1742166.978
NORTHING: 1120189.382

GRENADE, MK2 FRAG
LIVE

	<p>NOTE</p> <p>48</p> <p>Symbol Indicates Item's Location</p> <p>Number Indicates Item's Depth in Inches</p>
--	---

CONTRACTOR:
Human Factors Applications, Inc.
700 Old Line Center, Suite 210
Waldorf, Maryland 20602-2513

Phone: (301) 705-5044
Fax: (301) 705-7561

Richard Thier, Project Manager

DRAWING:
**FORMER CAMP CROFT
AREA 3, GRID: C3**

PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action

PROJECT LOCATION: SPARTANBURG, SOUTH CAROLINA

HFA, Inc. EOD Division, Croft State Park, SC
Arnie Niederhoffer, Senior UXO Supervisor

Phone: (864) 583-5791/3167
Fax: (864) 583-3865

CLIENT NAME: U.S. Army Corps of Engineers

CONTRACT NUMBER: DACA87-94-D-0019 TASK ORDER: #0019

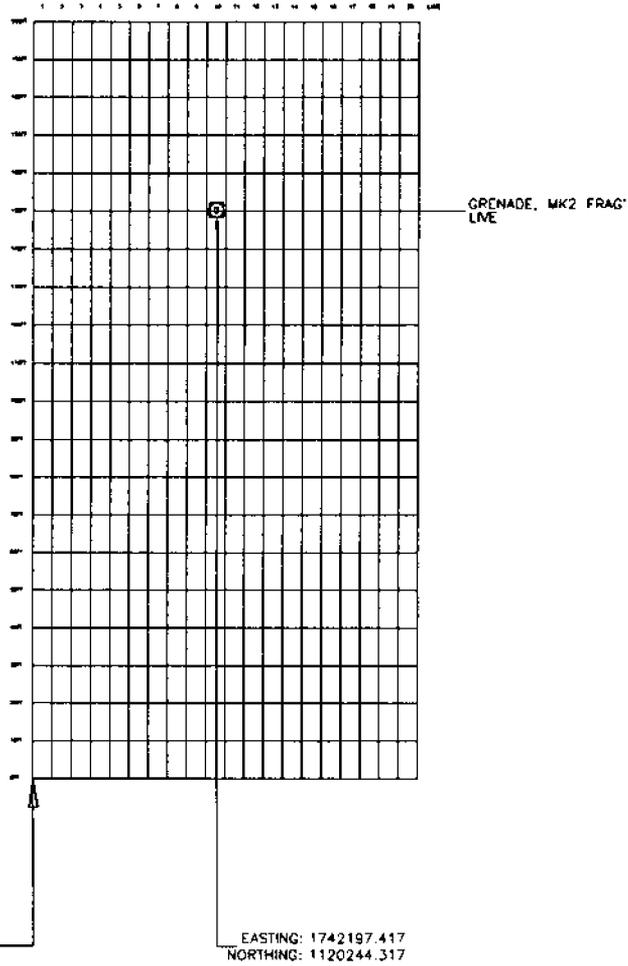
DATE: 5 MARCH 97

BY: HFA: ELH

SCALE: 1" = 50'

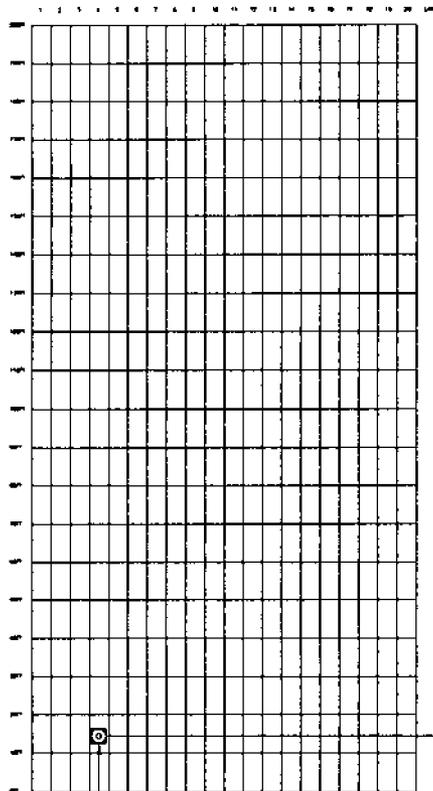
PAPER SIZE: 3.5" x 11"

DATUM: NAD83, SC STATE PLANE



	<p>NOTE:</p> <p></p> <p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in Inches</p>
--	--

CONTRACTOR: Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513 Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager		DRAWING: <h2 style="text-align: center;">FORMER CAMP CROFT AREA 3, GRID: D2</h2>	
PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action		PROJECT LOCATION: SPARTANBURG, SOUTH CAROLINA	
HFA, inc. EOD Division, Craft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865		CLIENT NAME: U.S. Army Corps of Engineers	
DATE: 6 MARCH 97		CONTRACT NUMBER: DACA87-94-D-0019	TASK ORDER: #0019
BY HFA: ELH	SCALE: 1" = 50'	PAPER SIZE: 8.5" X 11"	DATUM: NAD83, SC STATE PLANE



GRENADE, MK2 FRAG
LIVE

EASTING: 1742349.779
NORTHING: 1119893.612

EASTING: 1742352.084
NORTHING: 1119903.526

	<p>NOTE:</p> <p></p> <p>Symbol indicates Item's Location</p> <p>Number indicates Item's Depth in Inches</p>
--	--

<p>CONTRACTOR Human Factors Applications, Inc. 700 Old Line Center, Suite 210 Waldorf, Maryland 20602-2513</p>		<p>DRAWING: FORMER CAMP CROFT AREA 3, GRID: E2</p>	
<p>Phone: (301) 705-5044 Fax: (301) 705-7561 Richard Thiel, Project Manager</p>		<p>PROJECT TITLE: Ordnance, Ammunition & Explosives Removal Action</p>	
<p>HFA, Inc. EOD Division, Croft State Park, SC Arnie Niederhoffer, Senior UXO Supervisor Phone: (864) 583-5791/3167 Fax: (864) 583-3865</p>		<p>PROJECT LOCATION: SPARTANBURG, SOUTH CAROLINA</p> <p>CLIENT NAME: U.S. Army Corps of Engineers</p>	
<p>DATE: 12 MARCH 97</p>	<p>BY HFA: ELH</p>	<p>CONTRACT NUMBER: DACA87-94-D-0019</p>	<p>TASK ORDER: #0019</p> <p>SCALE: 1" = 50'</p> <p>PAPER SIZE: 8.5" X 11"</p> <p>DATUM: NAD83, SC STATE PLANE</p>



APPENDIX G
SITE PHOTOGRAPHS



Entrance to Park



Entrance to OOU-7 and OOU-1B



60 mm/81 mm - OOU-1B



Preparing for Demo - OOU-1B



UXO Operations in OOU-7



UXO Operations in OOU-7



Intrusive Operation in OOU-7



57 mm AP-T (solid shot) Projectile Located in OOU-7



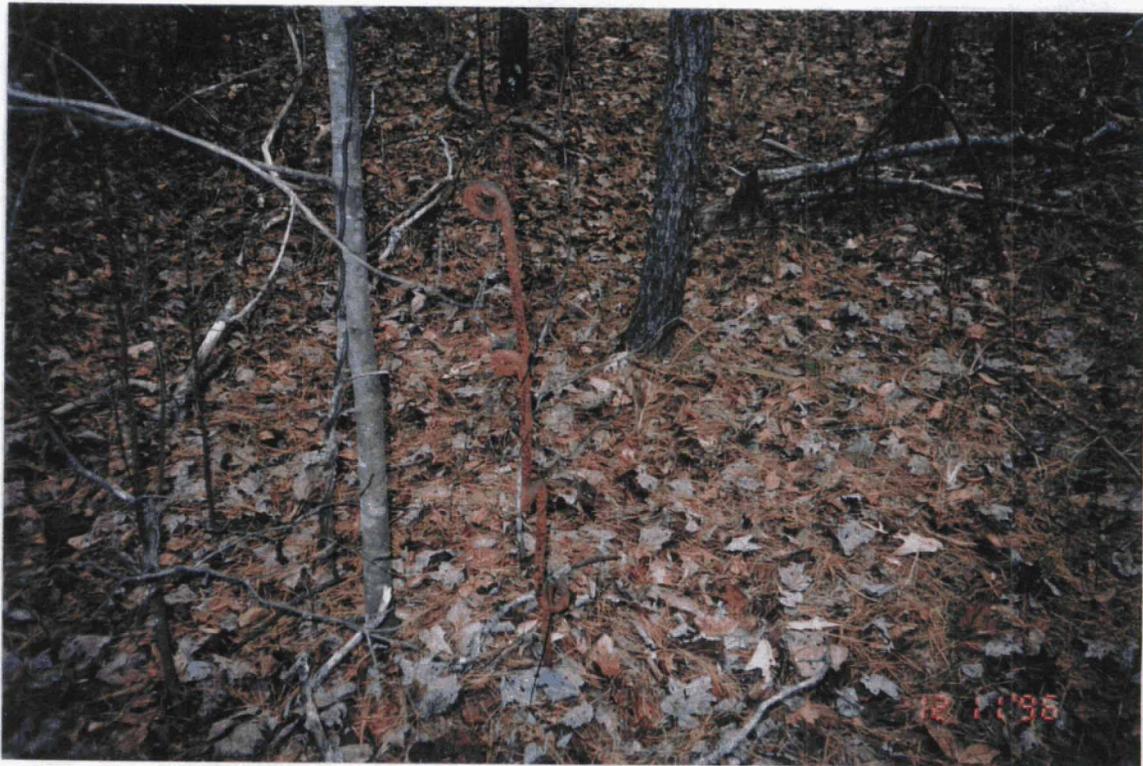
Surface Sweep in OOU-2



Surface Sweep in OOU-2



Surface Operations in OOU-2



Barbed Wire Holder Located in OOU-2



Terrain in OOU-2



Johnson Lake



160 Wedgewood Place - OOU-3



160 Wedgewood Place - OOU-3



160 Wedgewood Place - OOU-3



160 Wedgewood Place - OOU-3



Horse Trail - Area 39



Horse Trail - Area 39

APPENDIX H
LISTING OF UXO

UXO Journal for Horse Trails OOU2

Date	UXO Nomenclature	Fuze	BIP	GRID	Strip Line	Dist Feet	Northing	Easting	Depth Inches
03/05/97	Mortar 81mm M43 Series	No	Yes	HT16	6	6	1113097.823	1748562.797	8
03/05/97	Mortar 60mm M49 Series	No	Yes	HT16	5	25	1113111.631	1748554.291	6
03/05/97	Mortar 60mm M49 Series	No	Yes	HT17	5	46	1112944.474	1748553.962	4
03/06/97	Mortar 60mm M49 Series	No	Yes	HT14	6	40	1113511.807	1748444.071	4
03/06/97	Mortar 60mm M49 Series	No	Yes	HT14	6	20	1113494.333	1748449.450	6
03/10/97	Mortar 81mm M43 Series	No	Yes	HT22	6	20	1112518.794	1747838.764	8
03/10/97	Mortar 60mm M49 Series	No	Yes	HT18	5	20	1112927.469	1748359.107	4
03/10/97	Mortar 60mm M49 Series	No	Yes	HT19	4	22	1112857.557	1748222.897	3
03/11/97	Mortar 60mm M49 Series	No	Yes	HTA1	6	30	1113753.918	1748224.890	4
03/11/97	Mortar 60mm M49 Series	No	Yes	HTA2	1	20	1113612.464	1748074.125	6
03/12/97	Mortar 60mm M49 Series	No	Yes	HT02	3	185	1114509.543	1746855.527	3
03/13/97	Mortar 60mm M49 Series	No	Yes	HT10	5	180	1113880.355	1748016.025	3
03/13/97	Mortar 60mm M49 Series	No	Yes	HT10	1	40	1113823.448	1747930.273	4
03/13/97	Mortar 60mm M49 Series	No	Yes	HT11	2	60	1113855.063	1748097.173	3

UXO Journal for Horse Trails Area 39

Date	UXO Nomenclature	Fuze	BIP	GRID	Strip Line	Dist Feet	Northing	Easting	Depth Inches
	NONE								

UXO Journal for OOU7

Date	UXO Nomenclature	Fuze	BIP	GRID	Strip Line	Dist Feet	Northing	Easting	Depth Inches
06/26/96	Mortar 60mm HE M49 Series	M52	Yes	M8	16	153	1103709.157	1748225.591	6
06/26/96	Mortar 60mm HE M49 Series	M52	Yes	M8	11	156	1103724.578	1748244.462	8
07/02/96	Mortar 60mm HE M49 Series	M52	Yes	L8	13	88	1103595.593	1748219.633	6
07/08/96	Mortar 60mm HE M49 Series	M52	Yes	L8	14	29	1103556.536	1748267.441	14
08/06/96	Mortar 60mm HE M49 Series	M52	Yes	X4	12	130	1103795.545	1749447.626	6

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08/07/96	Mortar 60mm HE M49 Series	M52	Yes	X2	13	150	1103537.070	1749726.212	3
08/08/96	Mortar 60mm HE M49 Series	M52	Yes	W1	17	75	1103290.235	1749870.458	3
08/13/96	Hand Grenade MK2 Frag	M210	Yes	E11	1	81	1103524.269	1747329.331	3
08/22/96	Hand Grenade MK2 Frag	M210	Yes	B10	20	22	1103198.369	1747375.248	3
08/22/96	Hand Grenade MK2 Frag	M210	Yes	B10	20	19	1103195.537	1747377.516	2
08/22/96	Hand Grenade MK2 Frag	M210	Yes	B10	20	15	1103192.989	1747380.635	3
08/27/96	Mortar 60mm HE M49 Series	M52	Yes	S10	8	55	1104192.569	1748274.565	6
08/27/96	Mortar 60mm HE M49 Series	M52	Yes	S10	10	95	1104227.701	1748252.417	12
08/27/96	Mortar 60mm HE M49 Series	M52	Yes	S10	5	60	1104185.412	1748260.234	6
08/29/96	Mortar 60mm HE M49 Series	M52	Yes	N09	1	33	1103795.182	1748204.909	4
08/29/96	Mortar 60mm HE M49 Series	M52	Yes	N09	2	46	1103808.838	1748197.548	5
08/29/96	Mortar 60mm HE M49 Series	M52	Yes	M09	11	6	1103743.223	1748188.852	8
08/29/96	Mortar 60mm HE M49 Series	M52	Yes	M09	6	38	1103745.772	1748149.306	4
08/29/96	Mortar 60mm HE M49 Series	M52	Yes	M09	10	59	1103775.502	174814.180	3
08/29/96	Mortar 60mm HE M49 Series	M52	Yes	M09	7	43	1103753.841	1748148.455	4
09/03/96	Mortar 60mm HE M49 Series	M52	Yes	V12	14	100	1104737.879	1748179.226	3
09/03/96	Mortar 60mm HE M49 Series	M52	Yes	V12	17	100	1104738.927	1748189.599	3
09/04/96	Mortar 60mm HE M49 Series	M52	Yes	X10	7	160	1104624.335	1748540.062	6
09/09/96	Mortar 60mm HE M49 Series	M52	Yes	N08	16	40	1103717.484	1748396.538	3
09/09/96	Mortar 60mm HE M49 Series	M52	Yes	N08	16	40	1103717.484	1748396.538	3
09/09/96	Mortar 60mm HE M49 Series	M52	Yes	N08	17	45	1103725.057	1748396.538	3
09/09/96	Mortar 60mm HE M49 Series	M52	Yes	N08	15	35	1103709.785	1748396.033	2
09/09/96	Mortar 60mm HE M49 Series	M52	Yes	N08	15	35	1103709.785	1748396.033	2
09/09/96	Mortar 60mm HE M49 Series	M52	Yes	N08	17	45	1103725.057	1748396.538	3
09/10/96	Rifle Grenade M9A1	BD	Yes	N09	6	165	1103795.182	1748204.949	2
09/10/96	Mortar 60mm HE M49 Series	M52	Yes	N09	11	163	1103922.263	1748144.927	6
09/10/96	Mortar 60mm HE M49 Series	M52	Yes	N09	19	185	1103965.852	1748156.774	4
09/10/96	Mortar 60mm HE M49 Series	M52	Yes	N09	16	176	1103948.859	1748152.771	6
09/10/96	Mortar 60mm HE M49 Series	M52	Yes	N09	19	190	1103970.850	1748151.770	5
09/10/96	Mortar 60mm HE M49 Series	M52	Yes	N09	18	177	1103956.856	1748158.775	5
09/10/96	Hand Grenade MK2 Frag	M210	Yes	N09	9	171	1103808.836	1748197.548	3
09/10/96	Mortar 60mm HE M49 Series	M52	Yes	N09	14	176	1103941.862	1748145.765	5
09/10/96	Mortar 60mm HE M49 Series	M52	Yes	S10	1	140	1104225.750	1748188.581	2

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09/10/96	Mortar 60mm HE M49 Series	M52	Yes	N09	14	161	1103927.868	1748158.775	5
09/10/96	Mortar 60mm HE M49 Series	M52	Yes	S10	4	127	1104227.051	1748208.774	2
09/10/96	Mortar 60mm HE M49 Series	M52	Yes	S10	8	131	1104245.919	1748218.545	6
09/10/96	Mortar 60mm HE M49 Series	M52	Yes	N09	16	166	1103942.862	1748160.777	6
09/11/96	Mortar 60mm HE M49 Series	M52	Yes	N08	1	172	1103754.574	1748248.405	6
09/11/96	Mortar 60mm HE M49 Series	M52	Yes	N08	1	168	1103752.204	1748250.657	6
09/12/96	Mortar 60mm HE M49 Series	M52	Yes	S03	9	110	1103270.770	1749252.073	6
09/12/96	Mortar 60mm HE M49 Series	M52	Yes	N07	6	140	1103616.611	1748429.939	6
09/12/96	Mortar 60mm HE M49 Series	M52	Yes	N07	5	146	1103608.900	1748430.797	6
09/12/96	Mortar 60mm HE M49 Series	M52	Yes	S03	5	155	1103286.935	1749204.867	6
09/12/96	Mortar 60mm HE M49 Series	M52	Yes	S03	6	140	1103279.930	1749219.973	5
09/12/96	Mortar 60mm HE M49 Series	M52	Yes	S03	9	110	1103270.770	1749252.073	6
09/12/96	Mortar 60mm HE M49 Series	M52	Yes	S03	7	125	1103273.464	1749234.270	8
09/12/96	Mortar 60mm HE M49 Series	M52	Yes	S03	4	180	1103300.676	1749183.287	10
09/18/96	Mortar 60mm HE M49 Series	M52	Yes	S05	2	10	1103451.283	1749010.515	3
09/18/96	Mortar 60mm HE M49 Series	No	Yes	S05	10	85	1103523.227	1748983.612	2
09/18/96	Mortar 60mm HE M49 Series	No	Yes	S05	4	35	1103475.693	1748999.383	6
09/18/96	Mortar 60mm HE M49 Series	No	Yes	S05	7	45	1103487.122	1749009.901	4
09/18/96	Mortar 60mm HE M49 Series	No	Yes	S05	7	65	1103500.717	1748995.672	3
09/19/96	Mortar 60mm HE M49 Series	M52	Yes	R09	9	16	1103959.557	1748382.621	4
09/19/96	Mortar 60mm HE M49 Series	M52	Yes	R09	14	46	1103998.007	1748377.809	3
09/19/96	Mortar 60mm HE M49 Series	M52	Yes	R09	7	121	1104063.369	1748258.564	6
09/19/96	Mortar 60mm HE M49 Series	M52	Yes	R09	15	81	1104025.814	1748356.499	6
09/19/96	Mortar 60mm HE M49 Series	M52	Yes	R09	11	137	1104049.855	1748301.185	2
09/19/96	Mortar 60mm HE M49 Series	M52	Yes	R09	18	155	1103850.270	1748519.264	4
09/19/96	Mortar 60mm HE M49 Series	M52	Yes	R09	17	15	1103987.364	1748411.150	6
09/19/96	Mortar 60mm HE M49 Series	M52	Yes	R09	12	173	1104077.897	1748278.860	12
09/19/96	Mortar 60mm HE M49 Series	M52	Yes	R09	7	177	1104024.516	1748298.817	6
09/23/96	Mortar 60mm HE M49 Series	M52	Yes	R09	6	85	1103995.604	1748327.470	6
09/23/96	Mortar 60mm HE M49 Series	M52	Yes	R09	4	50	1103964.020	1748341.031	2
09/23/96	Mortar 60mm HE M49 Series	M52	Yes	R09	2	27	1103940.676	1748350.999	4
09/23/96	Mortar 60mm HE M49 Series	M52	Yes	R09	3	141	1104023.165	1748270.741	2
09/25/96	Mortar 60mm HE M49 Series	M52	Yes	P09	15	167	*1103844.662	1748295.471	4

Total UXO Located T.O. 019

09/25/96	Mortar 60mm HE M49 Series	M52	Yes	P09	18	187	*1103844.662	1748295.471	2
09/25/96	Mortar 60mm HE M49 Series	M52	Yes	P09	13	175	*1103844.662	1748295.471	18
09/25/96	Mortar 60mm HE M49 Series	M52	Yes	P09	16	180	*1103844.662	1748295.471	6
09/25/96	Mortar 60mm HE M49 Series	M52	Yes	P09	16	163	*1103844.662	1748295.471	6
09/25/96	Mortar 60mm HE M49 Series	M52	Yes	P09	18	175	*1103844.662	1748295.471	4
10/01/96	Mortar 60mm HE M49 Series	M52	Yes	P09	4	150	*1103844.662	1748295.471	6
10/01/96	Mortar 60mm HE M49 Series	M52	Yes	P09	17	48	*1103844.662	1748295.471	10
10/01/96	Mortar 60mm HE M49 Series	M52	Yes	P09	17	112	*1103844.662	1748295.471	2
10/01/96	Mortar 60mm HE M49 Series	M52	Yes	P09	8	115	*1103844.662	1748295.471	2
10/01/96	Mortar 60mm HE M49 Series	M52	Yes	P09	16	51	*1103844.662	1748295.471	6
10/02/96	Mortar 60mm HE M49 Series	M52	Yes	T07	9	8	1103823.158	1748815.968	6
10/02/96	Mortar 60mm HE M49 Series	M52	Yes	T07	18	14	1103859.713	1748842.834	6
10/02/96	Mortar 60mm HE M49 Series	M52	Yes	T07	11	2	1103827.046	1748826.481	12
10/02/96	Mortar 60mm HE M49 Series	M52	Yes	T07	8	87	1103875.713	1748756.007	8
10/16/96	Mortar 60mm HE M49 Series	No	Yes	P09	8	140	*1103844.662	1748295.471	18
10/16/96	Mortar 60mm HE M49 Series	M52	Yes	P09	8	53	*1103844.662	1748295.471	4
10/16/96	Mortar 60mm HE M49 Series	M52	Yes	P09	12	95	*1103844.662	1748295.471	2
10/16/96	Mortar 60mm HE M49 Series	M52	Yes	P09	4	30	*1103844.662	1748295.471	2
10/16/96	Mortar 60mm HE M49 Series	No	Yes	P09	3	175	*1103844.662	1748295.471	4
10/16/96	Mortar 60mm HE M49 Series	M52	Yes	P09	11	80	*1103844.662	1748295.471	8
10/16/96	Mortar 60mm HE M49 Series	M52	Yes	P09	10	20	*1103844.662	1748295.471	6
10/16/96	Mortar 60mm HE M49 Series	No	Yes	P09	11	40	*1103844.662	1748295.471	6
10/17/96	Mortar 60mm HE M49 Series	M52	Yes	P09	8	115	*1103844.662	1748295.471	6
10/17/96	Mortar 60mm HE M49 Series	No	Yes	P09	3	120	*1103844.662	1748295.471	4
10/17/96	Mortar 60mm HE M49 Series	M52	Yes	P09	5	91	*1103844.662	1748295.471	6
10/17/96	Mortar 60mm HE M49 Series	M52	Yes	P09	12	120	*1103844.662	1748295.471	4
10/17/96	Mortar 60mm HE M49 Series	No	Yes	P09	8	155	*1103844.662	1748295.471	4
10/17/96	Mortar 60mm HE M49 Series	No	Yes	P09	8	185	*1103844.662	1748295.471	6

*This is the southwest corner coordinate. Grid contained 28 items see gridsheet in Appendix F for coordinates.

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10/22/96	Mortar 60mm HE M49 Series	M52	Yes	R08	6	15	1103810.665	1748517.252	6
10/22/96	Mortar 60mm HE M49 Series	M52	Yes	R08	16	20	1103850.270	1748548.285	6
10/22/96	Mortar 60mm HE M49 Series	M52	No	R08	4	43	1103821.858	1748490.242	2
10/22/96	Mortar 60mm HE M49 Series	M52	Yes	R08	12	42	1103850.270	1748519.264	3
10/22/96	Mortar 60mm HE M49 Series	M52	Yes	R08	8	122	1103893.396	1748452.183	8
10/23/96	Mortar 60mm HE M49 Series	M52	Yes	R10	17	10	1104121.262	1748269.844	8
10/23/96	Mortar 60mm HE M49 Series	M52	Yes	R10	11	85	1104151.968	1748194.569	3
10/23/96	Mortar 60mm HE M49 Series	M52	Yes	P10	9	15	1104024.131	1748169.315	8
10/23/96	Mortar 60mm HE M49 Series	M52	Yes	P10	5	55	1104036.873	1748126.182	6
10/23/96	Mortar 60mm HE M49 Series	M52	Yes	P10	10	45	1104047.491	1748151.394	6
10/23/96	Mortar 60mm HE M49 Series	M52	Yes	P10	16	25	1104056.593	1748186.022	2
10/23/96	Mortar 60mm HE M49 Series	M52	Yes	P10	17	120	1104128.834	1748124.276	2
10/23/96	Mortar 60mm HE M49 Series	M52	Yes	R10	8	15	1104092.274	1748235.044	6
10/23/96	Mortar 60mm HE M49 Series	M52	Yes	R10	4	35	1104091.896	1748205.539	6
10/23/96	Mortar 60mm HE M49 Series	M52	Yes	P10	14	80	1104086.325	1748139.244	4
10/29/96	Mortar 60mm HE M49 Series	No	Yes	P11	17	110	1104255.617	1747984.143	2
10/29/96	Mortar 81mm HE M43 Series	M52	Yes	P11	13	40	1104193.052	1748021.042	18
10/29/96	Mortar 81mm HE M43 Series	No	Yes	P11	14	75	1104220.979	1747998.672	12
10/29/96	Mortar 60mm HE M49 Series	M52	Yes	P11	17	80	1104234.757	1748005.756	18
10/29/96	Mortar 60mm HE M49 Series	M52	Yes	P11	16	30	1104196.776	1748038.191	6
10/29/96	Mortar 60mm HE M49 Series	M52	Yes	P11	18	40	1104210.926	1748037.818	6
10/29/96	Mortar 60mm HE M49 Series	M52	Yes	P11	16	55	1104214.277	1748020.296	2
10/29/96	Mortar 60mm HE M49 Series	No	Yes	P11	13	180	1104290.107	1747919.120	6
10/30/96	Mortar 81mm HE M43 Series	No	Yes	P11	10	85	1104212.787	1747977.795	18
11/04/96	Mortar 81mm HE M43 Series	M52	Yes	N11	7	45	1104102.938	1747926.935	18
11/04/96	Mortar 60mm HE M49 Series	M52	Yes	N11	7	160	1104181.985	1747843.834	4
11/04/96	Mortar 60mm HE M49 Series	No	Yes	N11	17	45	1104138.509	1747961.636	2
11/04/96	Mortar 81mm HE M43 Series	M52	Yes	N11	12	60	1104134.212	1747933.327	18
11/04/96	Mortar 81mm HE M43 Series	No	Yes	S11	9	40	1104322.879	1748144.991	10
11/04/96	Mortar 60mm HE M49 Series	No	Yes	S11	18	105	1104400.722	1748128.333	3
11/12/96	Mortar 60mm HE M49 Series	M52	Yes	R11	15	180	1104370.081	1747993.666	6
11/12/96	Mortar 60mm HE M49 Series	M52	Yes	R11	3	35	1104091.896	1748205.539	5
11/12/96	Mortar 60mm HE M49 Series	No	Yes	R11	17	50	1104287.159	1748095.215	6

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11/12/96	Mortar 60mm HE M49 Series	M52	Yes	R11	6	40	1104092.274	1748235.044	13
11/12/96	Mortar 60mm HE M49 Series	No	Yes	R11	4	125	1104290.032	1747995.030	6
11/12/96	Mortar 60mm HE M49 Series	M52	Yes	R11	16	20	1104263.173	1748113.055	10
11/12/96	Mortar 60mm HE M49 Series	No	Yes	R11	14	100	1104311.145	1748048.580	8
11/12/96	Rkt 2.36 Inch Heat M6 Series	BD	Yes	R11	7	200	1104353.634	1747951.811	0
11/12/96	Mortar 81mm HE M43 Series	No	Yes	R11	16	130	1104338.553	1748033.463	8

UXO Journal for COU1B-Surface Clearance Only

Date	UXO Description	Fuze	BP	Grd	Range Yds	Dist Feet	Northing	Easting	Depth Inches
07/16/96	Mortar 81mm HE M43 Series	M52 Series	Yes	B7	8	150	1107530.208	1741718.294	N/A
07/23/96	Mortar 60mm HE M49 Series	M52 Series	Yes	F8	3	77	1107852.767	1741943.896	N/A
07/23/96	Mortar 60mm HE M49 Series	M52 Series	Yes	F8	11	29	1107840.914	1742003.230	N/A
07/23/96	Mortar 60mm HE M49 Series	M52 Series	Yes	G7	12	108	1107807.478	1742162.940	N/A
07/24/96	Mortar 60mm HE M49 Series	None	Yes	H7	17	1	1107795.598	1742325.000	N/A
07/29/96	Mortar 60mm HE M49 Series	M52 Series	Yes	H5	4	49	1107471.130	1742482.599	N/A
07/30/96	Mortar 60mm HE M49 Series	None	Yes	N3	2	190	1107554.096	1743026.979	N/A
07/30/96	Mortar 81mm HE M43 Series	M52 Series	Yes	N4	15	190	1107751.785	1742963.446	N/A
08/01/96	Mortar 60mm HE M49 Series	M52 Series	Yes	P5	3	96	1107868.700	1742942.518	N/A
08/01/96	Mortar 60mm HE M49 Series	M52 Series	Yes	P5	12	120	1107908.537	1742952.923	N/A
08/01/96	Mortar 60mm HE M49 Series	None	Yes	P5	15	15	1107833.193	1743027.924	N/A

UXO Journal for COU2-Surface Clearance Only

Date	UXO Description	Fuze	BP	Grd	Range Yds	Dist Feet	Northing	Easting	Depth Inches
11/19/96	Mortar 81mm M43 Series	No	Yes	AB13	10	95	1113487.990	1748454.406	N/A
11/19/96	Mortar 60mm M49 Series	No	Yes	AB13	5	30	1113421.587	1748426.101	N/A
11/19/96	Mortar 60mm M49 Series	No	Yes	AB13	6	45	1113437.355	1748431.387	N/A
11/19/96	Mortar 60mm M49 Series	No	Yes	AB13	17	65	1113457.089	1748486.661	N/A
11/20/96	Mortar 60mm M49 Series	No	Yes	AE13	19	195	1113587.922	1748796.702	N/A
11/20/96	Mortar 60mm M49 Series	No	Yes	AE13	15	80	1113482.730	1748776.954	N/A
11/20/96	Mortar 60mm M49 Series	No	Yes	AE13	14	135	1113526.779	1748771.688	N/A
11/25/96	Mortar 60mm M49 Series	No	Yes	AS13	10	10	1113403.658	1749853.685	N/A

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11/25/96	Mortar 60mm M49 Series	No	Yes	AJ12	4	80	1113272.762	1749122.854	N/A
11/25/96	Mortar 60mm M49 Series	No	Yes	AJ12	9	110	1113302.363	1749147.551	N/A
11/25/96	Mortar 60mm M49 Series	No	Yes	AH12	14	85	1113286.576	1749071.485	N/A
11/25/96	Mortar 60mm M49 Series	No	Yes	AR13	18	10	1113403.642	1749794.442	N/A
11/26/96	Mortar 60mm M49 Series	No	Yes	AD12	4	15	1113206.446	1748624.595	N/A
11/26/96	Mortar 60mm M49 Series	No	Yes	AD12	7	75	1113267.487	1748638.176	N/A
11/26/96	Mortar 81mm M43 Series	No	Yes	AD12	17	45	1113236.967	1748687.748	N/A
12/09/96	Mortar 60mm M49 Series	No	Yes	V10	14	45	1112837.412	1747872.735	N/A
12/09/96	Mortar 60mm M49 Series	No	Yes	V10	14	105	1112895.460	1747872.735	N/A
12/09/96	Mortar 60mm M49 Series	No	Yes	V10	16	125	1112919.480	1747882.756	N/A
12/09/96	Mortar 60mm M49 Series	No	Yes	W10	10	95	1112887.349	1747953.163	N/A
12/09/96	Mortar 60mm M49 Series	No	Yes	W10	13	80	1112874.343	1747968.241	N/A
12/09/96	Mortar 60mm M49 Series	No	Yes	W10	14	140	1112934.583	1747972.353	N/A
12/09/96	Mortar 60mm M49 Series	No	Yes	W10	16	45	1112838.062	1747982.634	N/A
12/09/96	Mortar 60mm M49 Series	No	Yes	AU19	2	50	1114642.064	1750013.680	N/A
12/09/96	Mortar 60mm M49 Series	No	Yes	AU19	6	85	1114676.542	1750033.887	N/A
12/09/96	Mortar 60mm M49 Series	No	Yes	AU20	3	90	1114881.729	1750018.731	N/A
12/09/96	Mortar 60mm M49 Series	No	Yes	AU20	12	52	1114843.046	175063.355	N/A
12/12/96	Mortar 60mm M49 Series	M52	Yes	AB9	10	40	1112633.876	1748451.881	N/A
12/12/96	Mortar 60mm M49 Series	No	Yes	AB9	15	90	1112683.703	1748476.825	N/A
12/12/96	Mortar 60mm M49 Series	No	Yes	AB9	19	190	1112784.543	1748497.018	N/A
12/16/96	Mortar 60mm M49 Series	M52	Yes	AM21	10	60	1115052.095	1749453.346	N/A
01/08/97	Mortar 60mm M49 Series	No	Yes	AT7	4	60	1112193.824	1749904.713	N/A
01/10/97	Mortar 60mm M49 Series	No	Yes	AL20	10	130	1114921.100	1749251.686	N/A
01/10/97	Mortar 60mm M49 Series	No	Yes	AL20	17	17	1114807.496	1749386.825	N/A
01/10/97	Mortar 60mm M49 Series	M52	Yes	AL20	10	70	1114861.065	1749351.686	N/A
01/10/97	Mortar 60mm M49 Series	No	Yes	AL21	9	140	1115130.759	1749346.137	N/A
01/10/97	Mortar 60mm M49 Series	M52	Yes	AL21	5	105	1115096.585	1749326.718	N/A
01/16/97	Mortar 60mm M49 Series	No	Yes	AF15	18	5	1113797.472	1748896.935	N/A
01/16/97	Mortar 60mm M49 Series	No	Yes	AF15	20	8	1113812.302	1748901.913	N/A
01/16/97	Mortar 60mm M49 Series	No	Yes	AG15	2	3	1113794.336	1748911.644	N/A
01/16/97	Mortar 60mm M49 Series	No	Yes	AG15	1	4	1113795.839	1748906.376	N/A
01/21/97	Mortar 60mm M49 Series	No	Yes	U12	16	175	1113368.024	1747781.878	N/A

APPENDIX I
SCRAP TURN IN DOCUMENTATION



MEMORANDUM

TO: File
FROM: Robert Raesemann
RE: Small Arms Brass
DATE: March 3, 1997

I certify that I have inspected eight (8) boxes of small arms brass and found them to be empty.

A handwritten signature in cursive script, appearing to read 'R. Raesemann', is written over a horizontal line.

Robert C. Raesemann
Quality Control
HFA, Croft

DATE: 3-3-97

MEMORANDUM

TO: Human Factors Applications, Inc.
Camp Croft, SC

FROM: Arrow Steel

RE: Small Arms Brass

DATE: March 3, 1997

I accept eight (8) boxes weighing approximately 570 pounds of empty small arms brass from HFA, Croft T.O. 0019 at no expense to the government.

ACCEPTED BY:

ARROW STEEL

By: J. S. [Signature]

Date: 3/3/97



MEMORANDUM

TO: Arrow Steel

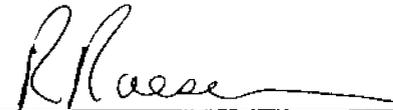
FROM: Robert Raesemann
Human Factors Applications, Inc.

RE: UXO Related Scrap

DATE: March 19, 1997

I have inspected all of the UXO related scrap and found it all to be inert.

HUMAN FACTORS APPLICATIONS, INC.

By: 

Robert Raesemann
Quality Control Officer
HFA, Croft

MEMORANDUM

TO: Human Factors Applications, Inc.
FROM: Arrow Steel
RE: UXO and NON-UXO RELATED SCRAP
DATE: March 19, 1997

I accept approximately 500 pounds of UXO and non-UXO related scrap from HFA, Croft T.O. 0019 at no expense to the government.

ACCEPTED BY:

ARROW STEEL

By: J. G. Turner
DATE: 3/19/97

APPENDIX J
VIDEO TAPE (PROVIDED SEPARATELY)