



FIELD WORK VARIANCE

Project Name/Number Fort Ord / 846075 CTO/WAD CTO 16 / WAD 06
Applicable Document: Draft Final Work Plan, MRS-16 Date: 05/18/07
Munitions and Explosives of Concern Removal, Former
Fort Ord, California, August 2006, Revision 1

Problem Description:

A "noisy area" exists along the northern boundary of MRS-16. This area is subject to electromagnetic external noise (both high and low frequency), the cause of which is unknown. A list of all grids affected by this phenomenon is attached to this FWV. Approximately half of the grids listed are just partial areas within those grids. The processing geophysicist will make a judgement (background removal) regarding how to process the "partial grids" before the field implementation of this solution (as referenced below).

Recommended solution:

Several processing techniques have been tested to resolve the situation described above and a white paper (available upon request) outlines the tests that were implemented. As a result of the testing it was concluded (with concurrence from government QA) that the problem is best handled during reacquisition in the field. However, a different background removal or leveling technique for the data within the noisy area will be implemented to remove the low frequency electromagnetic noise.

Impact on present and completed work:

Will allow completion of anomaly investigation within the "noisy area."

Requested by: Marty Miele

Recommended revisions to the plan:

As referenced in the white paper, anomalies reacquired from 0 to 8 mV yielded no source. Therefore, any anomaly that is reacquired at 8 mV or less will not be excavated. Ten percent of the anomalies that are reacquired from 8 to 10 mV will be excavated. Although none of the anomalies in this range yielded sources during the field testing, they will be considered QC excavations. All anomalies with reacquisition values above 10 mV will be excavated. This approach will minimize cost and schedule impacts on anomalies caused by external noise. Because of the external noise in these areas, excavations will be conducted beneath the flag only and the 3 foot radius surrounding the hole will not be checked for anomalies between 10 and 14mV. Excavations will cease at 2 feet.

Clarification Minor Change Major Change

Affects Budget Yes No X
Affects Schedule Yes No X

Signature [Signature] Date 5/18/07
Technical Reviewer

Shaw Approvals:
Signature [Signature] Date 5/18/07 Signature [Signature] Date 5/18/07
SUXOS Project Manager
for PCK



Shaw Shaw Environmental, Inc.

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Signature [Handwritten Signature] Date 5/18/07
UXOQCS

USACE Approval: If Major Change:

Signature [Handwritten Signature] Date 5/21/07 Signature [Handwritten Signature] Date 5/22/07
OE Safety Specialist USACE COR or TM

Grid	Note:
C3B2A3	Partial
C3B2B3	
C3B2A4	
C3B2B4	
C3B2C4	
C3A2J5	Partial
C3B2A5	
C3B2B5	
C3B2C5	
C3B2D5	
C3B2E5	
C3A2J6	
C3B2B6	
C3B2C6	
C3B2D6	
C3A2J7	Partial
C3B2A7	
C3B2B7	
C3B2C7	Trees
C3A2J8	
C3B2A8	
C3B2B8	Trees
C3A2I9	Partial
C3A2J9	
C3B2B9	
C3A2H0	Partial
C3A2I0	
C3A2J0	
C3A3G1	Partial
C3A3H1	Partial
C3A3I1	
C3A3J1	
C3A3F2	Partial
C3A3G2	Partial
C3A3H2	
C3A3I2	
C3A3E3	Partial
C3A3F3	
C3A3G3	
C3A3H3	
C3A3I3	
C3A3D4	Partial
C3A3E4	
C3A3F4	
C3A3G4	Trees
C3A3H4	
C3A3C5	Partial
C3A3D5	
C3A3E5	
C3A3F5	

Grid	Note:
C3A3G5	Trees
C3A3C6	Partial
C3A3D6	
C3A3E6	
C3A3F6	Trees
C3A3G6	Trees
C3A3B7	Partial
C3A3C7	
C3A3D7	
C3A3E7	
C3A3F7	Trees
C3A3B8	Partial
C3A3C8	
C3A3D8	
C3A3E8	Trees, Partial
C3A3B9	
C3A3C9	
C3A3D9	
C3A3E9	Trees, Partial
C3A3B0	
C3A3C0	
C3A3D0	
C3A3E0	Partial
C3A4B1	
C3A4C1	
C3A4D1	
C3A4A2	Partial
C3A4B2	
C3A4C2	
C3A4D2	Partial
C3A4A3	Partial
C3A4B3	
C3A4C3	
C3A4D3	Trees, Partial
C3A4A4	
C3A4B4	
C3A4C4	
C3A4A5	
C3A4B5	
C3A4C5	
C3A4A6	
C3A4B6	
C3A4C6	Partial

93 Total