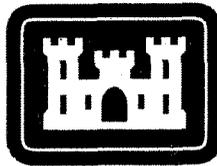


**FINAL  
SITE SPECIFIC FINAL REPORT  
ADDENDUM 01 – VOLUME II**

**ORDNANCE AND EXPLOSIVE REMOVAL ACTION  
FORMER CAMP CROFT  
(ORDNANCE OPERABLE UNIT 3)  
SPARTANBURG, SOUTH CAROLINA**

**Prepared for:**

**US Army Engineering and Support Center,  
Huntsville**



**Contract: DACA87-00-D-0034  
Task Order: 0014  
Project Number: I04SC001603**

**Geographical District:  
Charleston**

**Prepared By:**



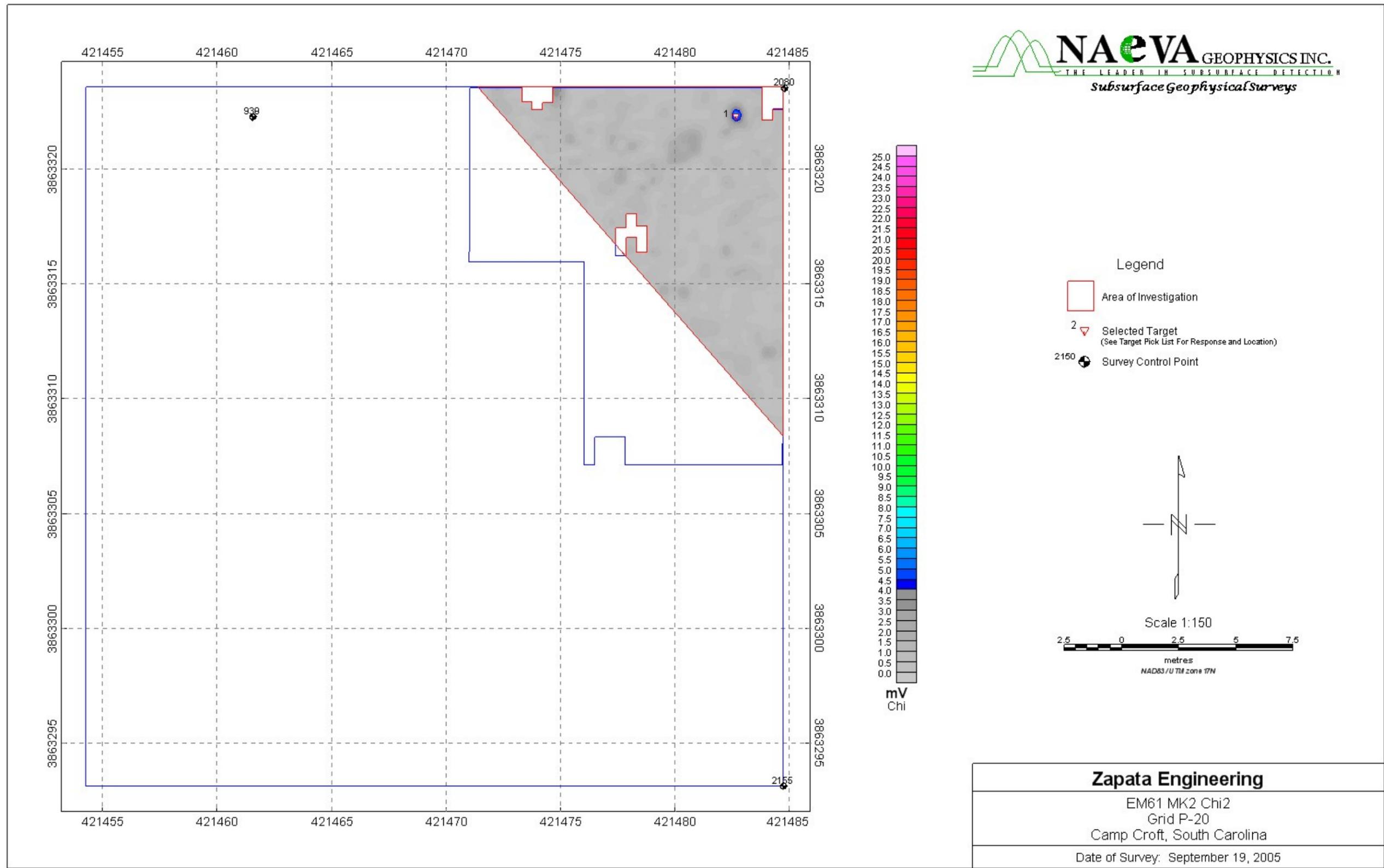
**6302 Fairview Road, Suite 600  
Charlotte, NC 28210**

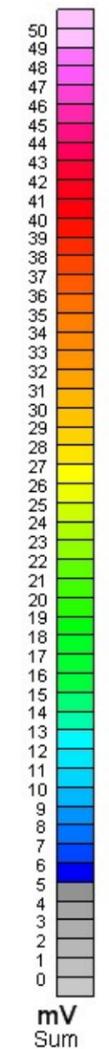
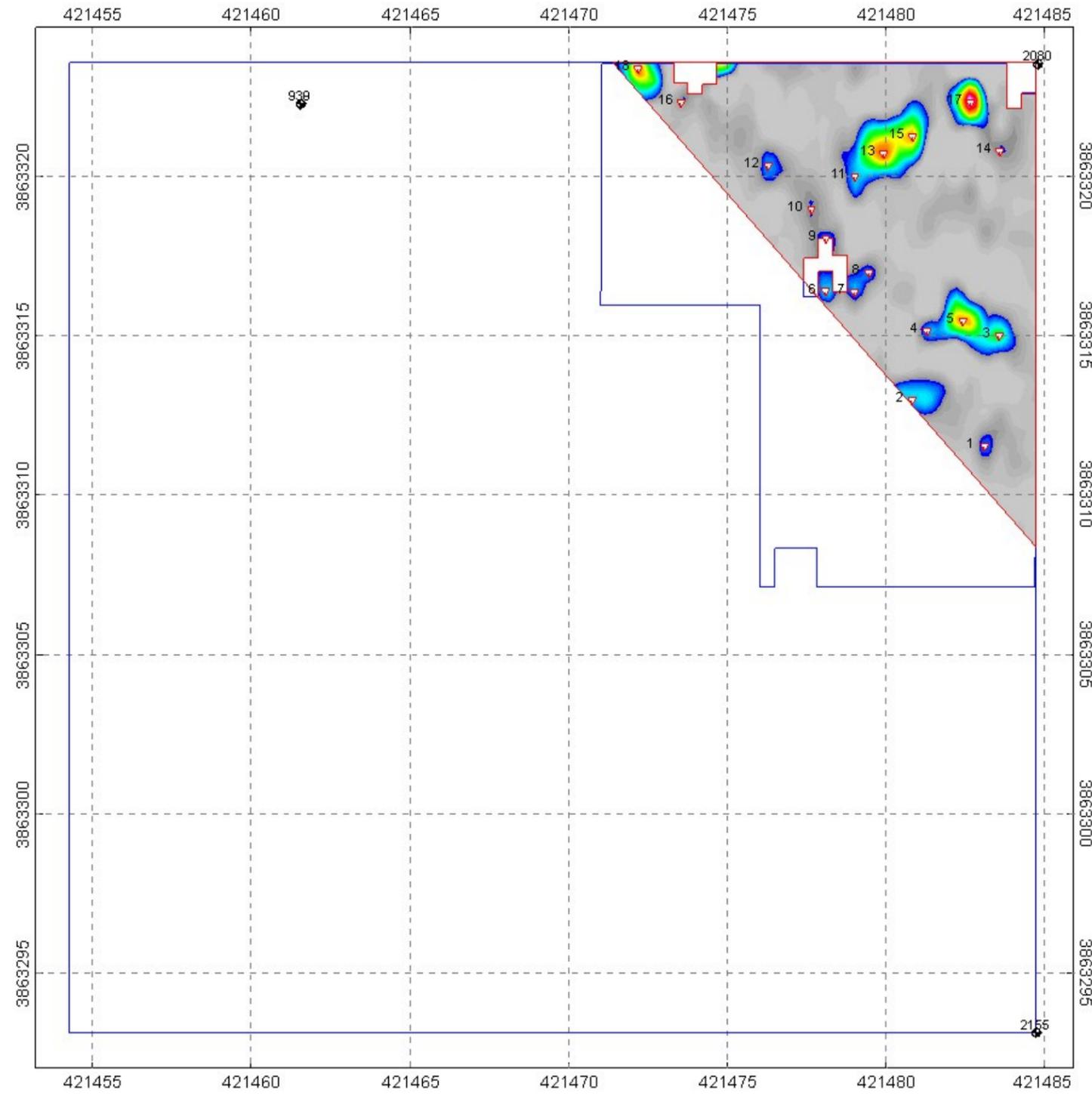
**September 2006**

200-1e

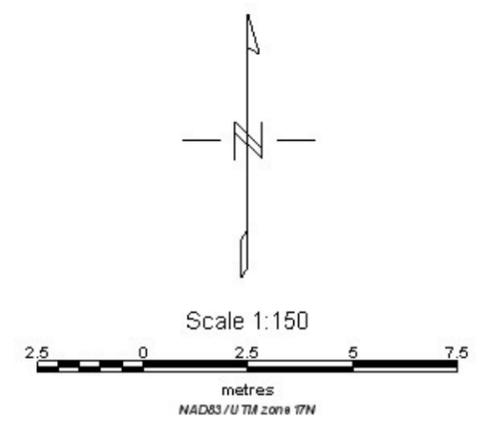
I04SC001603 02.13 0521





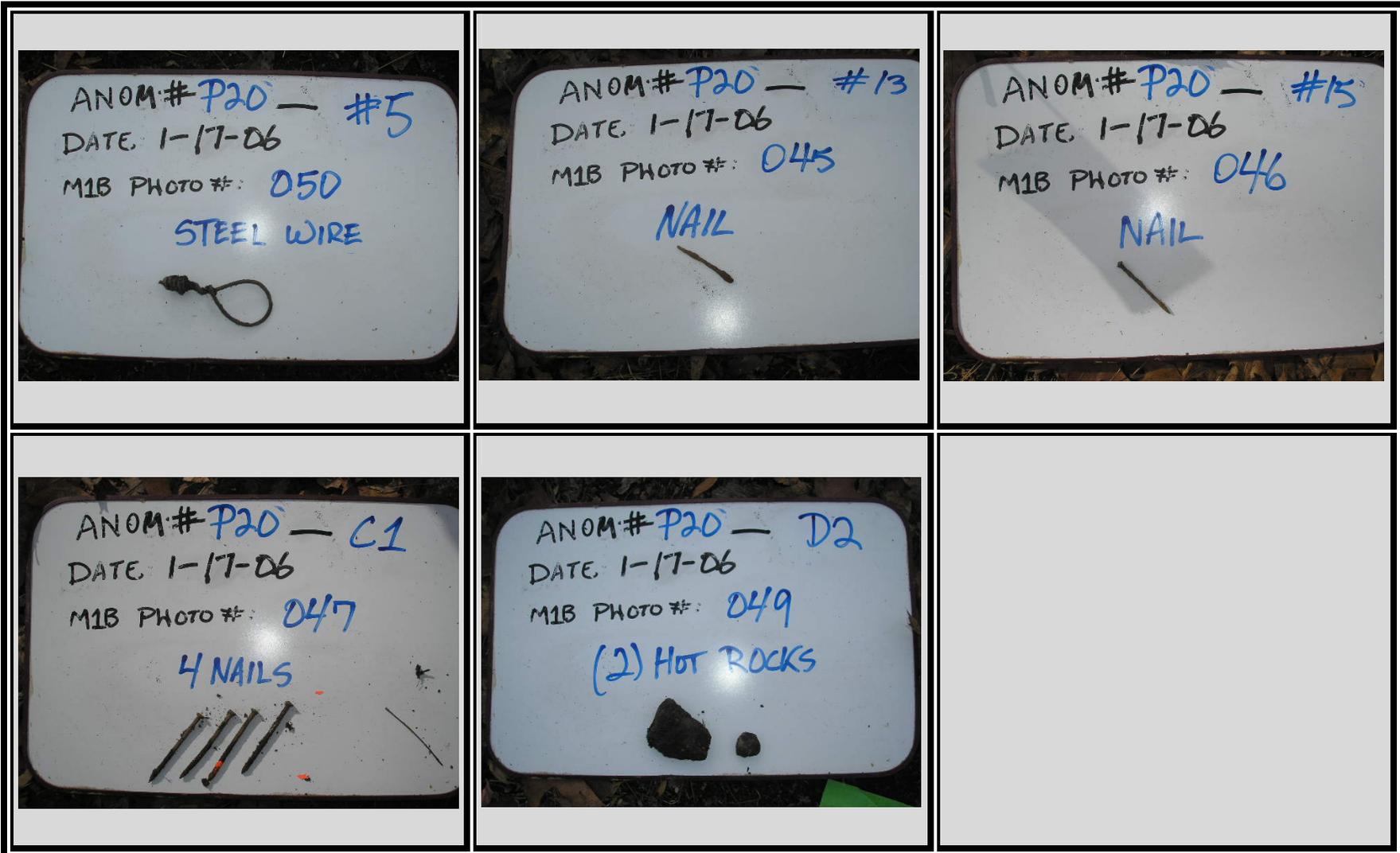


- Legend
- Area of Investigation
  - 2 Selected Target  
(See Target Pick List For Response and Location)
  - 2150 Survey Control Point



<b>Zapata Engineering</b>
EM61 MK2 SUM Ch1, Ch2 & Ch3 Grid P-20 Camp Croft, South Carolina
Date of Survey: September 19, 2005

GRID P20 DIG PHOTOS



ZAPATA ENGINEERING  
Geophysical Dig Sheet and Target History

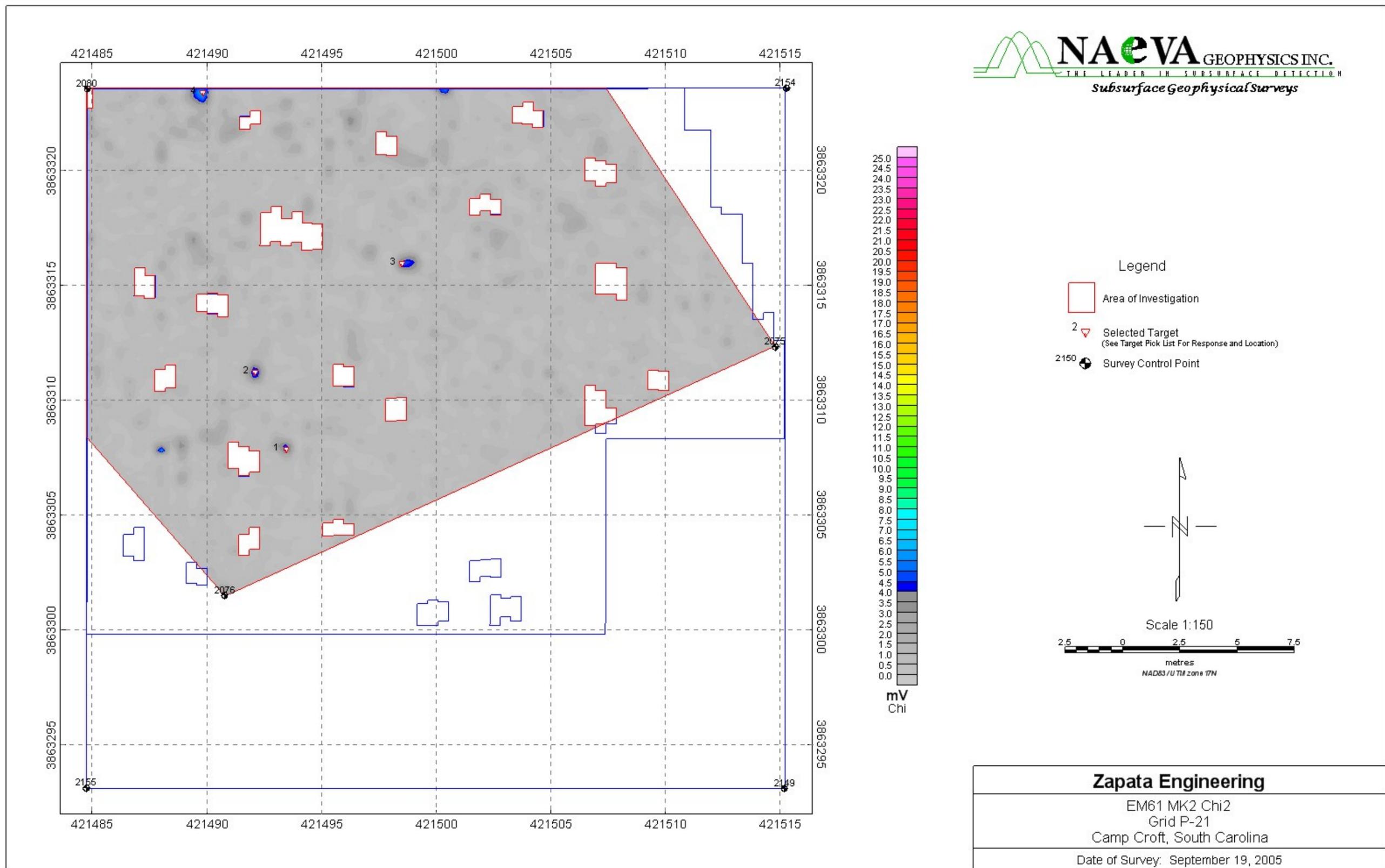
Project Name: Former Camp Croft, Phase II  
 Project Location: Spartanburg, South Carolina  
 Date: February 2006  
 Coordinate System: UTM NAD83 17N Meters  
 Survey Area ID: NA  
 Sector: Grid P21  
 Field Book ID:

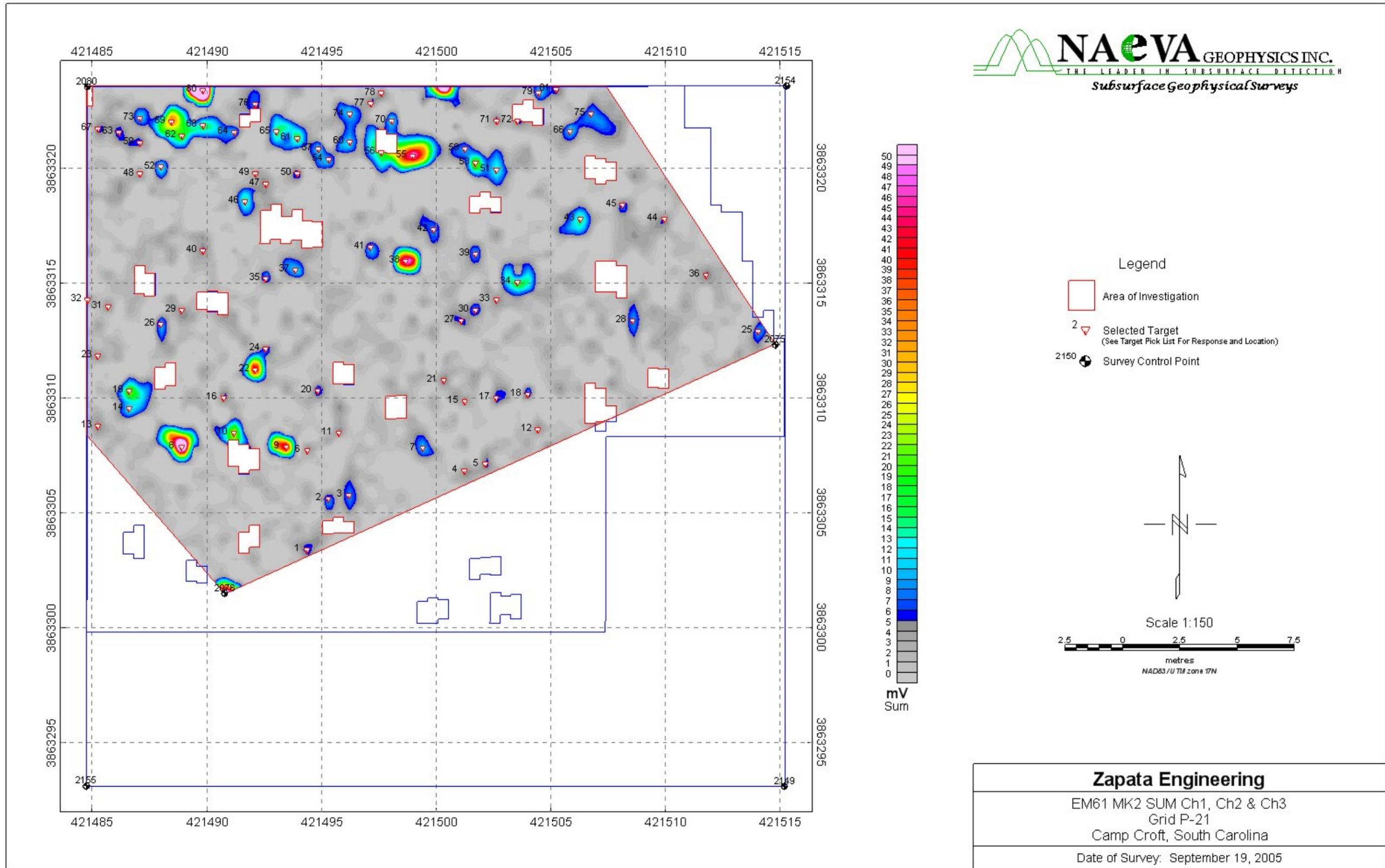
Geophysical Contract: ZAPATA ENGINEERING / NAEVA GEOPHYSICS  
 Project Geophysicist: David Smith  
 Site Geophysicist:   
 Field Team:   
 COE Design Center: Brendan Slater  
 COE Project Engineer:   
 COE Geophysicist: Andrew Schwartz

Geophysical Equipment Used	Component	Sens #	Grid Background Value (mV / nT)	Date	Time

Unique Target ID	Original Survey								Reacquisition Survey				Dig Results								Post-Dig UXO QC Results				Post-Dig Geophysical QC							
	Easting Coord. (m)	Northing Coord. (m)	Local X (ft)	Local Y (ft)	Cht Amplitude Response (mV)	Cht <sup>2</sup> Amplitude Response (mV)	Associate Target ID	Date	Cht Amplitude Response (mV)	Cht <sup>2</sup> Amplitude Response (mV)	Offset		Date	Anomaly type ***	Approx. weight (lbs-oz)	Dimensions: Length, Width, Height (in)	Comments	Offset		Orientation of Nose (Azimuth deg) **	Inclination of Nose (deg) **	Depth (in)		Digital Photo Filename **	Date	Team Leader Initials	Excavation hole Cleared?	UXO QC Spec. Initials	Date	Agreement between Dig Results & Geophysical Data? (G=good, A=avg, P=poor)	Geophysicist QC Initials	Date
											X Distance (in)	Y Distance (in)						X Distance (in)	Y Distance (in)			X Distance (in)	Y Distance (in)									
P21_10	421491.1671	3863308.486	21	50.5	15.8	P21_10	19-Sep-2005	17	2	-15	22	1/5/06	HOTROCK	2	11 x 9 x 2			0	0			1	2	P21_10 - #062 / P21_10a - #062	1/17/06	BAM	YES	TF	01/26/06	YES	RW	01/26/06
P21_55	421490.9605	3063320.500	46.5	90	33.9	P21_55	19-Sep-2005	39	4.5	3	16	1/5/06	CD	5	5 x 4 x .25	piece of steel			SE	15	4	5	P21_55 - #074	1/17/06	BAM	NA	DRA	02/21/06	YES	RW		
P21_56	421497.5892	3863320.659	42	90.5	11.9	P21_56	19-Sep-2005	20	2.4	0	26	1/5/06	NC			gap (maybe tree with buried wire?). Dug to 1/2 depth of nails, revisited. more nails, shared with p21-69									NA	DRA	02/21/06	NA	DRA	02/21/06		
P21_62	421488.9037	3863321.412	13.5	93	13.3	P21_62	19-Sep-2005	13	3	-7	8	1/5/06	CD	25	6 x .25 x .25	nails, revisited. more nails, shared with p21-62	10	14	SE	0	5	5		1/24/06	BAM	YES	TF	01/24/06	YES	RW	01/24/06	
P21_69	421480.4476	3063322.02	12	95	23.7	P21_69	19-Sep-2005	13	3	9	-10	1/5/06	CD	25	6 x .25 x .25		10	13	SE	0	5	5		1/24/06	BAM	YES	TF	01/26/06	YES	RW	01/26/06	
P21_70	421498.0489	3863322.029	43.5	95	9.2	P21_70	19-Sep-2005	20	2.3	-3	18	1/5/06	CD	25	4 x .25 x .25	1 nail and wire	0	0	N	15	0	2	P21_70 - #073	1/17/06	BAM	NA	DRA	02/21/06	YES	RW		
P21_8	421488.8804	3863307.877	13.5	48.5	49.5	P21_08	19-Sep-2005	58	5	-3	15	1/5/06	CD	25	5 x .25 x .25	1 ea 5 in nail	0	0	NA	90	0	2.5	P21_8 - #061	1/17/06	BAM	YES	RW	01/18/06	YES	RW	01/18/06	
P21_A.1	421496.9896	3863328.183	15.13	35.09			19-Sep-2005						CD	0.25	3 x 0.25 x 0.25	wire							P21_A.1 - 007	01/26/06	BAM	NA	DRA	02/21/06	NA	DRA	02/21/06	
P21_A.2	421491.5513	3063320.792	15.13	35.09			19-Sep-2005						CD	0.25	2 x 0.25 x 0.25	wire							P21_A.2 - #008	01/26/06	BAM	NA	DRA	02/21/06	NA	DRA	02/21/06	
P21_A.3	421495.4657	3863311.42	15.13	35.09			19-Sep-2005						CD	0.25	3 x 0.25 x 0.25	3 pieces wire							P21_A.3 - #009	01/26/06	BAM	NA	DRA	02/21/06	NA	DRA	02/21/06	
P21_A.4	421500.9510	3063321.470	15.13	35.09			19-Sep-2005						CD	0.25	4 x 0.25 x 0.25	3 pieces wire, 2 nails							P21_A.4 - #010	01/26/06	BAM	NA	DRA	02/21/06	NA	DRA	02/21/06	
P21_A.5	421500.9518	3863321.478	15.13	35.09			19-Sep-2005						CD	0.25	4 x 0.25 x 0.25	3 pieces wire, 2 nails, shared with P21-A.4							P21_A.5 - #010	01/26/06	BAM	NA	DRA	02/21/06	NA	DRA	02/21/06	
P21_C2	421492.0862	3863311.224	24	99.5	31.0	5.2245045	P21_22	19-Sep-2005	43	7.5	0	16	1/5/06	CD	25	3 x .25 x .25	4 ea nails	0	0	NA	90	0	1.5	P21_C2 - #063	1/17/06	BAM	NA	DRA	02/21/06	YES	RW	
P21_C4	421489.8216	3063323.39	16.5	99.5	71.4	6.7020702	P21_00	19-Sep-2005	50	10	-4	0	1/5/06	CD	5	8 x 5 x 5	survey marker	0	0	NA	90	0	4	P21_C4 - #053	1/17/06	BAM	YES	TF	01/26/06	YES	RW	01/26/06
P21_D1	421490.89	3063313.42	20.05	66.69	2.5		19-Sep-2005						1/5/06	HOTROCK	2	5 x 4 x 2	multiple hotrocks	0	0			0	1.5	P21_D1 - #059	1/17/06	BAM	NA	DRA	02/21/06	YES	RW	
P21_D10	421500.75	3863309.09	52.44	52.48	1.3		19-Sep-2005						1/5/06	NC			No Contact During Reacquisition								NA	DRA	02/21/06	NA	DRA	02/21/06		
P21_D11	421499.86	3863312.8	49.48	64.66	2.4		19-Sep-2005						1/5/06	NC			No Contact During Reacquisition								NA	DRA	02/21/06	NA	DRA	02/21/06		
P21_D12	421497.47	3063306.24	8.88	43.11	1.7		19-Sep-2005						1/5/06	NC			No Contact During Reacquisition								NA	DRA	02/21/06	NA	DRA	02/21/06		
P21_D13	421508.61	3863319.65	78.16	87.15	3.0		19-Sep-2005						1/5/06	NC			No Contact During Reacquisition								NA	DRA	02/21/06	NA	DRA	02/21/06		
P21_D14	421486.17	3863319.09	4.52	85.37	2.9		19-Sep-2005						1/5/06	HOTROCK	5	4 x 3 x 2		0	0			1	2	P21_D14 - #056	1/17/06	BAM	NA	DRA	02/21/06	YES	RW	
P21_D15	421495.77	3063317.41	36.03	79.02	1.4		19-Sep-2005						1/5/06	NC			No Contact During Reacquisition								NA	DRA	02/21/06	NA	DRA	02/21/06		
P21_D16	421499.37	3063303.8	15.13	35.09	1.4		19-Sep-2005						1/5/06	NC			No Contact During Reacquisition								NA	DRA	02/21/06	NA	DRA	02/21/06		
P21_D17	421487.99	3863316.9	10.52	78.16	2.3		19-Sep-2005						1/5/06	NC			No Contact During Reacquisition								NA	DRA	02/21/06	NA	DRA	02/21/06		
P21_D18	421489.81	3863320.22	16.45	89.05	0.6		19-Sep-2005						1/5/06	CD	25	2 x .25 x .25	wire	0	0	N	0	25	25	P21_D18 - #055	1/17/06	BAM	NA	DRA	02/21/06	YES	RW	
P21_D19	421509.9	3063319.26	82.39	85.06	1.3		19-Sep-2005						1/5/06	NC			No Contact During Reacquisition								NA	DRA	02/21/06	NA	DRA	02/21/06		
P21_D2	421489.38	3863310.01	15.13	55.48	2.1		19-Sep-2005						1/5/06	HOTROCK	1	5 x 4 x 2		0	0			25	1.25	P21_D2 - #058	1/17/06	BAM	NA	DRA	02/21/06	YES	RW	
P21_D3	421494.39	3863305.81	31.57	41.69	2.0		19-Sep-2005						1/5/06	NC			No Contact During Reacquisition								NA	DRA	02/21/06	NA	DRA	02/21/06		
P21_D4	421489.85	3063311.14	16.66	59.21	2.4		19-Sep-2005						1/5/06	HOTROCK	2	6 x 5 x 3	multiple hotrocks	0	0			0	1.5	P21_D4 - #057	1/17/06	BAM	NA	DRA	02/21/06	YES	RW	
P21_D5	421493.46	3063313.45	20.49	66.01	2.3		19-Sep-2005						1/5/06	NC			No Contact During Reacquisition								NA	DRA	02/21/06	NA	DRA	02/21/06		
P21_D6	421486.21	3863312.38	37.51	63.28	1.9		19-Sep-2005						1/5/06	NC			No Contact During Reacquisition								YES	RW	01/18/06	YES	RW	01/18/06		
P21_D7	421505.8	3863315.11	68.95	72.23	2.3		19-Sep-2005						1/5/06	NC			No Contact During Reacquisition								NA	DRA	02/21/06	NA	DRA	02/21/06		
P21_D8	421486.17	3063322.8	4.5	97.56	2.5		19-Sep-2005						1/5/06	CD	25	3 x .25 x .25	nail	0	0	N	0	1	1	P21_D8 - #051	1/17/06	BAM	NA	DRA	02/21/06	YES	RW	
P21_D9	421503.86	3863320.48	82.54	89.9	2.5		19-Sep-2005						1/5/06	NC			No Contact During Reacquisition								NA	DRA	02/21/06	NA	DRA	02/21/06		
P21_QA43	421506.2703	3863317.774	70.5	81	10.1		19-Sep-2005						1/5/06	CD	25	24 x .25 x .25	barbed wire	0	0	W	0	25	25	P21_QA43 - #070	1/17/06	BAM	NA	DRA	02/21/06	YES	RW	

\* Fill in Units (mV, nT/m, ppt, etc)  
 \*\* Cpt Field - refer to GOW for applicability.  
 \*\*\* UXO, DMM, MC-E (Munit Const-Exp), MD (Munit Debris), CD (Cult Debris) and MC-NE (Munit Const-Non Exp), SA (small arms), NC (no contact) OT (other)





<b>Zapata Engineering</b>
EM61 MK2 SUM Ch1, Ch2 & Ch3 Grid P-21 Camp Croft, South Carolina
Date of Survey: September 19, 2005

ZAPATA ENGINEERING  
Geophysical Dig Sheet and Target History

Project Name: Former Camp Croft, Phase II  
Project Location: Spartanburg, South Carolina  
Date: February 2006  
Coordinate System: UTM NAD83 17N Meters  
Survey Area ID: NA  
Sector: Grid B20  
Field Book ID: \_\_\_\_\_

Geophysical Contract: ZAPATA ENGINEERING / NAEVA GEOPHYSICS  
Project Geophysicist: David Smith  
Site Geophysicist: \_\_\_\_\_  
Field Team: \_\_\_\_\_  
COE Design Center: Brendan Slater  
COE Project Engineer: \_\_\_\_\_  
COE Geophysicist: Andrew Schwartz

Geophysical Equipment Used	Component	Serial #	Grid Background Value (mV/nT)	Date	Time

Unique Target ID	Original Survey				Reacquisition Survey				Dig Results							Post-Dig UXO QC Results			Post-Dig Geophysical QC																
	Eastings Coord. (m)	Northing Coord. (m)	Local X (ft)	Local Y (ft)	Ch1 Amplitude Response (mV)	Ch2 Amplitude Response (mV)	Associate Target ID	Date	Ch1 Amplitude Response (mV)	Ch2 Amplitude Response (mV)	Offset X Distance (in)	Offset Y Distance (in)	Date	Anomaly type ***	Approx. weight (lbs-oz)	Dimensions: Length, Width, Height (in)	Comments	Offset X Distance (in)	Offset Y Distance (in)	Orientation of Nose (Azimuth deg) **	Inclination of Nose (deg) **	Depth (in) Top of Item	Center of Mass	Digital Photo Filename **	Date	Team Leader Initials	Excavation Hole Cleared?	UXO QC Spec. Initials	Date	Agreement between Dig Results & Geophysical Data? (S=good, A=avg, P=poor)	Geophysicist QC Initials	Date			
R20_1	421474.8698	3863323.543	67.5	0	22.9			80	11.5	-2	0	1/5/06	CD	25	3.25 x .25 x .25	4 nails		0	5	NA	0	0	2			1/9/06	BAM	NA	DRA	02/21/06	YES	RVW			
R20_14	421473.0244	3863330.804	61.5	23.81	12.7		R20_14					1/6/06	NC			No Contact During Reacquisition											NA	DRA	02/21/06	NA	DRA	02/21/06			
R20_18	421468.4431	3863331.627	46.5	26.5	13.3		R20_18					1/6/06	NC			No Contact During Reacquisition											NA	DRA	02/21/06	NA	DRA	02/21/06			
R20_20	421472.488	3863331.929	59.75	27.5	9.4		R20_20					1/5/06	CD	5	9 x .25 x .25	barbed wire		0	0	SW	15	3	3	R20_20 - #032		1/17/06	BAM	YES	TF	01/17/06	YES	RVW	01/17/06		
R20_23	421473.4792	3863332.469	63	29.27	9.5		R20_23					1/5/06	CD	25	2 x .25 x .25	1 ea small nail		0	0	NA	0	2	2	R20_23 - #031		1/17/06	BAM	NA	DRA	02/21/06	YES	RVW			
R20_24	421476.6849	3863332.536	73.5	29.5	5.5		R20_24					1/5/06	CD	25	3 x .25 x .25	2 ea nails		0	0	NE	15	1	2.25	R20_24 - #030		1/17/06	BAM	NA	DRA	02/21/06	YES	RVW			
R20_25	421475.7687	3863332.689	70.5	30	16.7		R20_25					1/6/06	CD	25	3.25 x .25	4 nails		0	-5	NA	90	0	2			1/9/06	BAM	NA	DRA	02/21/06	YES	RVW			
R20_28	421481.72	3863333.305	90	34	12.0		R20_28					1/6/06	HOTROCK	25	25 x .25 x .25	small hotrock		0	0					R20_28 - #041		1/17/06	BAM	YES	RVW	01/18/06	YES	RVW	01/18/06		
R20_29	421466.7591	3863334.22	41	35	9.6		R20_29					1/6/06	CD	25	3 x .25 x .25	2 small wires		0	0	NA	0	1	1	R20_29 - #019		1/17/06	BAM	NA	DRA	02/21/06	YES	RVW			
R20_31	421478.5136	3863334.212	79.5	35	8.4		R20_31					1/6/06	CD	1	5 x .25 x .25	revisit large nail		0	0					R20_31 - #046 / R20_31a - #028		1/24/06	BAM	YES	TF	01/24/06	YES	RVW	01/24/06		
R20_32	421482.6354	3863334.21	83	35	17.2		R20_32					1/6/06	CD	25	3 x .25 x .25	1 ea nail		0	0	N	0	2	3	R20_32 - #040		1/17/06	BAM	YES	TF	01/17/06	YES	RVW	01/17/06		
R20_33	421477.5969	3863334.67	76.5	36.5	13.9		R20_33					1/6/06	CD	25	3 x .25 x .25	1 ea nail		0	0	NE	0	1	2.25	R20_33 - #018 / R20_33a - #029		1/17/06	BAM	NA	DRA	02/21/06	YES	RVW			
R20_36	421467.6262	3863334.981	44.5	37.5	9.3		R20_36					1/6/06	CD	25	3 x .25 x .25	4 ea nails		0	0	E	0	2	2	R20_36 - #018		1/17/06	BAM	NA	DRA	02/21/06	YES	RVW			
R20_38	421478.9699	3863335.127	81	38	10.0		R20_38					1/6/06	CD	25	3 x .25 x .25	2 ea nails		0	0	NA	0	3	3	R20_38 - #027		1/17/06	BAM	NA	DRA	02/21/06	YES	RVW			
R20_4	421482.6522	3863325.215	93	5.5	12.5		R20_4					1/6/06	HOTROCK	0		revisit more hotrocks 24.5 inches deep		0	0					R20_4 - #043		1/24/06	BAM	YES	TF	01/24/06	YES	RVW	01/24/06		
R20_41	421474.2398	3863336.044	65.5	41	17.7		R20_41					1/6/06	CD	25	5 x .25 x .25	nail		0	0	N	0	25	25	R20_41 - #064		1/17/06	BAM	NA	DRA	02/21/06	YES	RVW			
R20_42	421473.4723	3863336.197	63	41.5	29.4		R20_42					1/6/06	CD	25	3 x .25 x .25	2 ea nails		0	0	NA	15	25	25	R20_42 - #065		1/17/06	BAM	YES	TF	01/26/06	YES	RVW	01/26/06		
R20_44	421475.303	3863336.806	69	43.5	24.8		R20_44					1/6/06	CD	25	4 x .25 x .25	multiple hotrocks , revisit 1ea nail		0	0					R20_44 - #035		1/24/06	BAM	YES	TF	01/24/06	YES	RVW	01/24/06		
R20_45	421469.3491	3863336.962	49.5	44	11.0		R20_45					1/6/06	CD	5	6 x .25 x .25	1 ea 6 in nail		0	0	S	0	1	1	R20_45 - #017		1/17/06	BAM	NA	DRA	02/21/06	YES	RVW			
R20_50	421476.2166	3863338.062	72	47.62	21.6		R20_50					1/6/06	CD	25	3 x .25 x .25	wire , revisit more wire and 1 nail		0	0	NA	15	2	2	R20_50 - #026		1/24/06	BAM	YES	TF	01/24/06	YES	RVW	01/24/06		
R20_53	421470.2611	3863339.096	62.5	51	17.6		R20_53					1/6/06	CD	25	10 x .25 x .25	barbed wire		0	0	SE	0	1	1	R20_53 - #021		1/17/06	BAM	YES	TF	01/17/06	YES	RVW	01/17/06		
R20_55	421484.4565	3863340.002	99	54	42.6		R20_55					1/6/06	CD	25	5 x .25 x .25	1 ea nail		0	0	E	0	5	5	R20_55 - #037		1/17/06	BAM	NA	DRA	02/21/06	YES	RVW			
R20_60	421484.4528	3863341.984	99	60.5	15.7		R20_60					1/6/06	CD	25	3 x .25 x .25	nail		0	6	NA	0	1	1	R20_60 - #036		1/24/06	BAM	YES	TF	01/24/06	YES	RVW	01/24/06		
R20_68	421481.2379	3863346.664	88.5	76.5	15.7		R20_68					1/6/06	HOTROCK	10	12 x 10 x 4	hotrock		-7	-7					0	4	R20_68 - #002		1/9/06	BAM	YES	RVW	01/18/06	YES	RVW	01/18/06
R20_A_1	421496.8143	3863347.011	67.5	0								1/6/06	CD	0.5	6 x 3 x 6	QA Seed Item , small piece wire								R20_A_1 - #001		01/26/06	RLY	NA	DRA	02/21/06	NA	DRA	02/21/06		
R20_A_2	421492.2425	3863347.011	67.5	0								1/6/06	CD	0.25	12 x 0.25 x 0.25	2 pieces wire								R20_A_2 - #002		01/26/06	RLY	NA	DRA	02/21/06	NA	DRA	02/21/06		
R20_A_3	421490.7186	3863343.963	67.5	0								1/6/06	CD	0.25	24 x 0.25 x 0.25	metal rod								R20_A_3 - #003		01/26/06	RLY	NA	DRA	02/21/06	NA	DRA	02/21/06		
R20_A_4	421497.6708	3863342.439	67.5	0								1/6/06	CD	0.25	4 x 0.25 x 0.25	nail								R20_A_4 - #004		01/26/06	RLY	NA	DRA	02/21/06	NA	DRA	02/21/06		
R20_A_5	421487.6708	3863341.83	67.5	0								1/6/06	CD	0.25	6 x 0.25 x 0.25	nail								R20_A_5 - #005		01/26/06	RLY	NA	DRA	02/21/06	NA	DRA	02/21/06		
R20_C1	421473.9533	3863323.848	64.5	1								1/5/06	CD	50	9 x .25 x .25	wire		-9	-15	NE	0	1	1			1/9/06	BAM	NA	DRA	02/21/06	YES	RVW			
R20_C10	421473.4643	3863340.466	63	55.5	28.4		R20_57					1/6/06	CD	5	17 x .25 x .25	barbed wire		0	0	W	30	2	2	R20_C10 - #023		1/17/06	BAM	NA	DRA	02/21/06	YES	RVW			
R20_C11	421482.1652	3863340.765	91.5	56.5	144.7		R20_58					1/6/06	CD	2	6 x .5 x .5	1 ea bolt , wire , misc steel items		0	0	NA	0	9	10	R20_C11 - #087		1/17/06	BAM	YES	TF	01/26/06	YES	RVW	01/26/06		
R20_C12	421471.1719	3863341.839	55.5	60	9.8							1/6/06	CD	5	20 x .25 x .25	20 in piece of wire		0	0	SE	15	5	5	R20_C12 - #022		1/17/06	BAM	NA	DRA	02/21/06	YES	RVW			
R20_C13	421477.1249	3863342.141	75	61	55.2		R20_61					1/6/06	CD	1	3 x 2 x 2	1 ea 90 degree elbow QA Item		0	0	NA	0	6	7	R20_C13 - #025		1/17/06	BAM	NA	DRA	02/21/06	YES	RVW			
R20_C14	421483.9848	3863347.32	97.5	78	34.3		R20_69					1/6/06	CD	5	38 x .25 x .25	barbed wire		0	0	W	15	3	3	R20_C14 - #038		01/17/06	BAM	NA	DRA	02/21/06	YES	RVW			
R20_C2	421473.9513	3863324.915	64.5	4.5	5.6							1/6/06	NC			No Contact During Reacquisition											NA	DRA	02/21/06	NA	DRA	02/21/06			
R20_C3	421482.6425	3863330.398	93	22.5	21.6							1/6/06	CD	25	16 x .25 x .25	barbed wire		0	0	S	15	2	2	R20_C3 - #042		1/17/06	BAM	NA	DRA	02/21/06	YES	RVW			
R20_C5	421475.7621	3863336.196	70.5	41.5	11.9							1/6/06	NC			No Contact During Reacquisition											NA	DRA	02/21/06	NA	DRA	02/21/06			
R20_C6	421472.0955	3863337.723	58.5	46.5	233.3		R20_49					1/6/06	CD	1	8 x .75 x .75	property boundry stake		0	0	NA	90	0	4	R20_C6 - #020		1/17/06	BAM	NA	DRA	02/21/06	YES	RVW			
R20_C7	421474.8413	3863338.788	67.5	50	224.0		R20_51					1/6/06	CD	25	12 x .25 x .25	barbed wire		-14	11	N	0	1	1	R20_C7 - #054		1/17/06	BAM	YES	TF	01/17/06	YES	RVW	01/17/06		
R20_C8	421475.757	3863338.94	70.5	50.5	105.5		R20_52					1/6/06	CD	1.5	7 x 2.25 x .25	1 ea steel plate , 1 ea nail , wire		0	0	E	0	1	1	R20_C8 - #024		1/17/06	BAM	NA	DRA	02/21/06	YES	RVW			
R20_C9	421472.0907	3863340.314	58.5	55	25.2		R20_56					1/6/06	CD	50	11 x .25 x .25	barbed wire		-2																	

ZAPATA ENGINEERING  
 Geophysical Dig Sheet and Target History

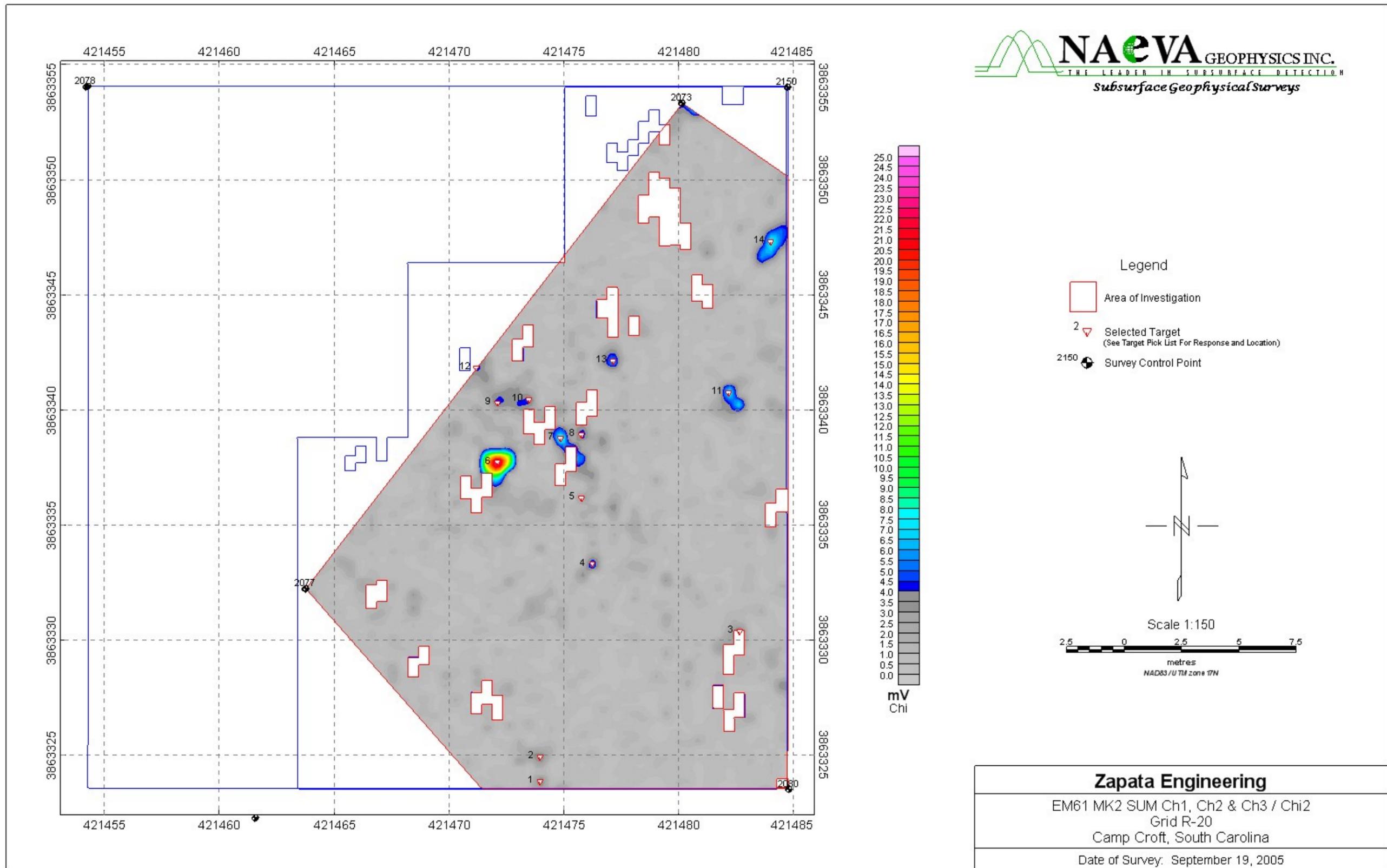
Project Name: Former Camp Croft, Phase II  
 Project Location: Spartanburg, South Carolina  
 Date: February 2006  
 Coordinate System: UTM NAD83 17N Meters  
 Survey Area ID: NA  
 Sector: Grid: R20  
 Field Book ID: \_\_\_\_\_

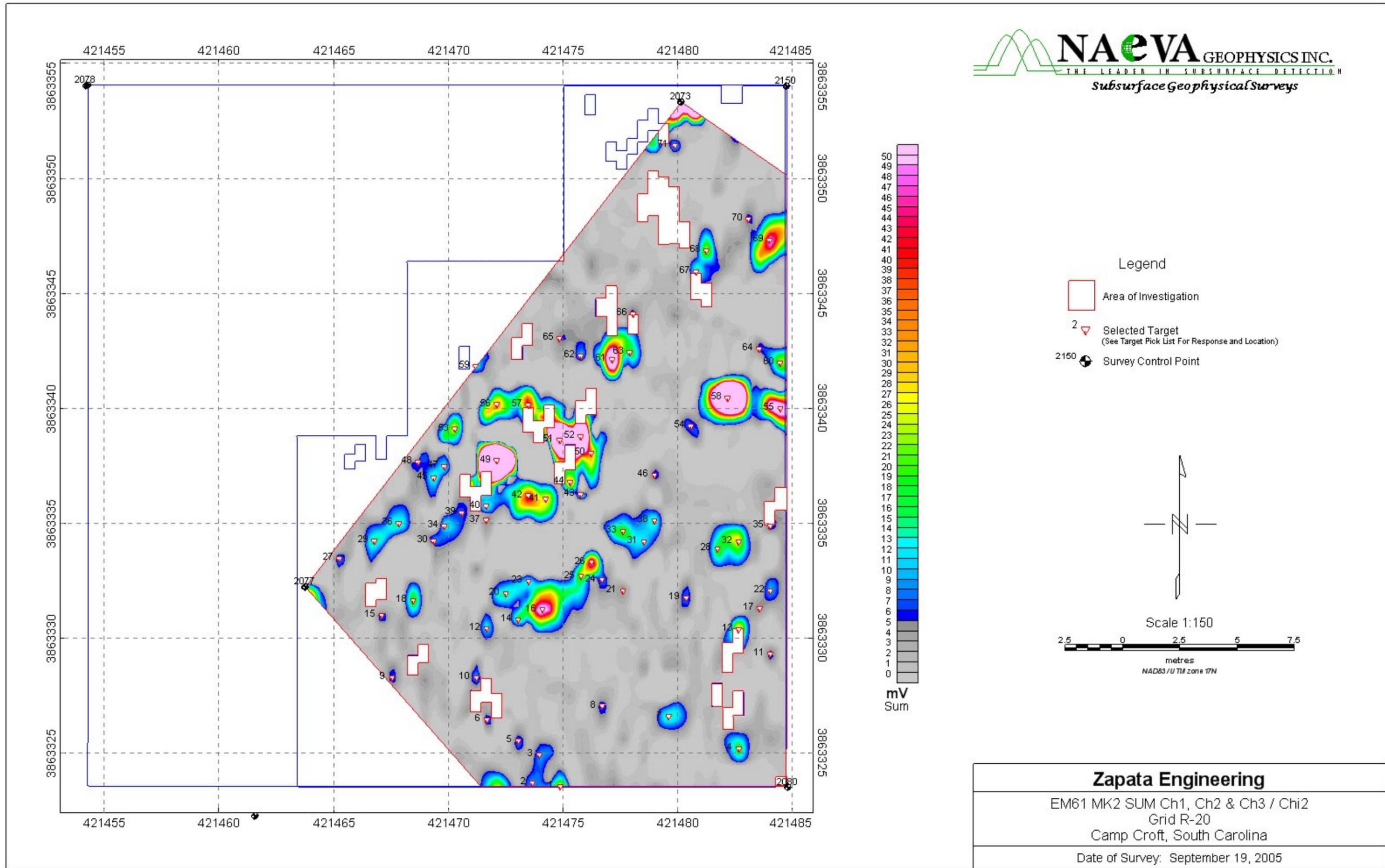
Geophysical Contract: ZAPATA ENGINEERING / NAEVA GEOPHYSICS  
 Project Geophysicist: David Smith  
 Site Geophysicist: \_\_\_\_\_  
 Field Team: \_\_\_\_\_  
 COE Design Center: Brendan Slater  
 COE Project Engineer: \_\_\_\_\_  
 COE Geophysicist: Andrew Schwartz

Geophysical Equipment Used	Component	Serial #	Grid Background Value (mV / nT)	Date	Time

Unique Target ID	Original Survey								Reacquisition Survey				Dig Results								Post-Dig UXO QC Results			Post-Dig Geophysical QC								
	Easting Coord. (m)	Northing Coord. (m)	Local X (ft)	Local Y (ft)	Ch1 Amplitude Response (mV)	Ch2 Amplitude Response (mV)	Associate Target ID	Date	Ch1 Amplitude Response (mV)	Ch2 Amplitude Response (mV)	Offset		Date	Anomaly type ***	Approx. weight (lbs-oz)	Dimensions: Length, Width, Height (in)	Comments	Offset		Orientation of		Depth (in)		Digital Photo Filename **	Date	Team Leader Initials	Excavation Hole Cleared?	UXO QC Spec. Initials	Date	Agreement between Dig Results & Geophysical Data? (G=good, A=avg, P=poor)	Geophysicist QC Initials	Date
											X Distance (in)	Y Distance (in)						X Distance (in)	Y Distance (in)	Nose (Azimuth deg) **	Inclination of Nose (deg) **	Top of Item	Center of Mass									
R20_D1	421479.69	3863328.93	83.33	17.67	2.5		19-Sep-2005	5	2.6	0	0	1/6/06	HOTROCK	1	4 x 3 x 2			0	0			2	3	R20_D1 - #034	1/17/06	BAM	NA	DRA	02/21/06	YES	RWW	
R20_D2	421483.55	3863336.69	96.02	43.1	1.6		19-Sep-2005	14	3.9	0	0	1/6/06	CD	.25	8 x .25 x .25	barbed wire		0	0	E	15	2	2	R20_D2 - #039	1/17/06	BAM	NA	DRA	02/21/06	YES	RWW	
R20_D3	421474.37	3863345.68	66.02	72.63	2.9		19-Sep-2005					1/6/06	NC			No Contact During Reacquisition									NA	DRA	02/21/06	NA	DRA	02/21/06		
R20_D4	421476.2	3863346.25	71.99	74.48	3.0		19-Sep-2005					1/6/06	NC			No Contact During Reacquisition									NA	DRA	02/21/06	NA	DRA	02/21/06		
R20_D5	421482.44	3863351.69	92.49	92.37	3.6		19-Sep-2005	8	1.7	4	0	1/6/06	CD	.25	2 x .25 x .25	1 ea 2 in wire		0	0	E	15	1	1	R20_D5 - #016	1/17/06	BAM	NA	DRA	02/21/06	YES	RWW	
R20_D6	421477.19	3863323.68	75.1	0.47	2.7		19-Sep-2005	5	0.9	0	0	1/6/06	CD	.25	3 x .25 x .25	3 in nail		-2	0	SW	0	0	0	R20_D6 - #001 / R20_D6a - #033	1/9/06	BAM	NA	DRA	02/21/06	YES	RWW	
R20_D7	421478.01	3863339	77.86	50.68	2.1		19-Sep-2005	3	1.6	0	0	1/6/06	CD	.25	9 x .25 x .25	1 ea 9 in barbed wire		0	0	N	0	5	5	R20_D7 - #015	1/17/06	BAM	NA	DRA	02/21/06	YES	RWW	
R20_QA7	421479.5965	3863326.589	83	10	9.1		19-Sep-2005						CD	.25	2.25 x 2.25 x .25	washer		0	0	NA	0	25	25	R20_QA7 - #089	1/26/06	BAM	NA	DRA	02/21/06	YES	RWW	

\* Fill in Units (mV, nT/m, ppt, etc)  
 \*\* Opt.Field - refer to SOW for applicability  
 \*\*\* UXO, DMM, MC-E (Munit Const-Exp), MD (Munit Debris), CD (Cult Debris) and MC-NE (Munit Const-Non Exp), SA (small arms), NC (no contact) OT (other)





**Zapata Engineering**  
 EM61 MK2 SUM Ch1, Ch2 & Ch3 / Chi2  
 Grid R-20  
 Camp Croft, South Carolina  
 Date of Survey: September 19, 2005

ZAPATA ENGINEERING  
Geophysical Dig Sheet and Target History

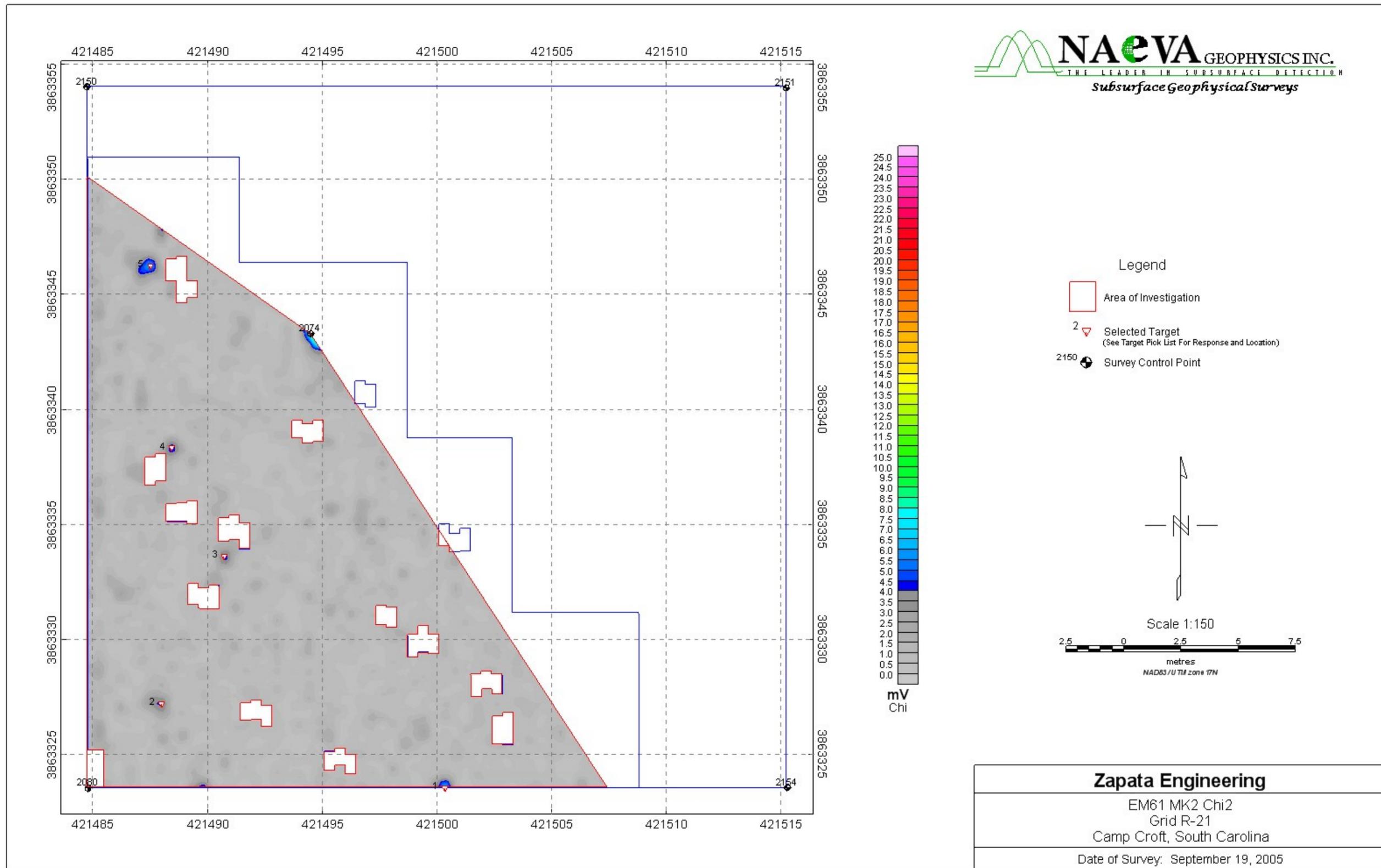
Project Name: Former Camp Croft, Phase II  
Project Location: Spartanburg, South Carolina  
Date: February 2006  
Coordinate System: UTM NAD83 17N Meters  
Survey Area ID: NA  
Sector: Gnd. R21  
Field Book ID: \_\_\_\_\_

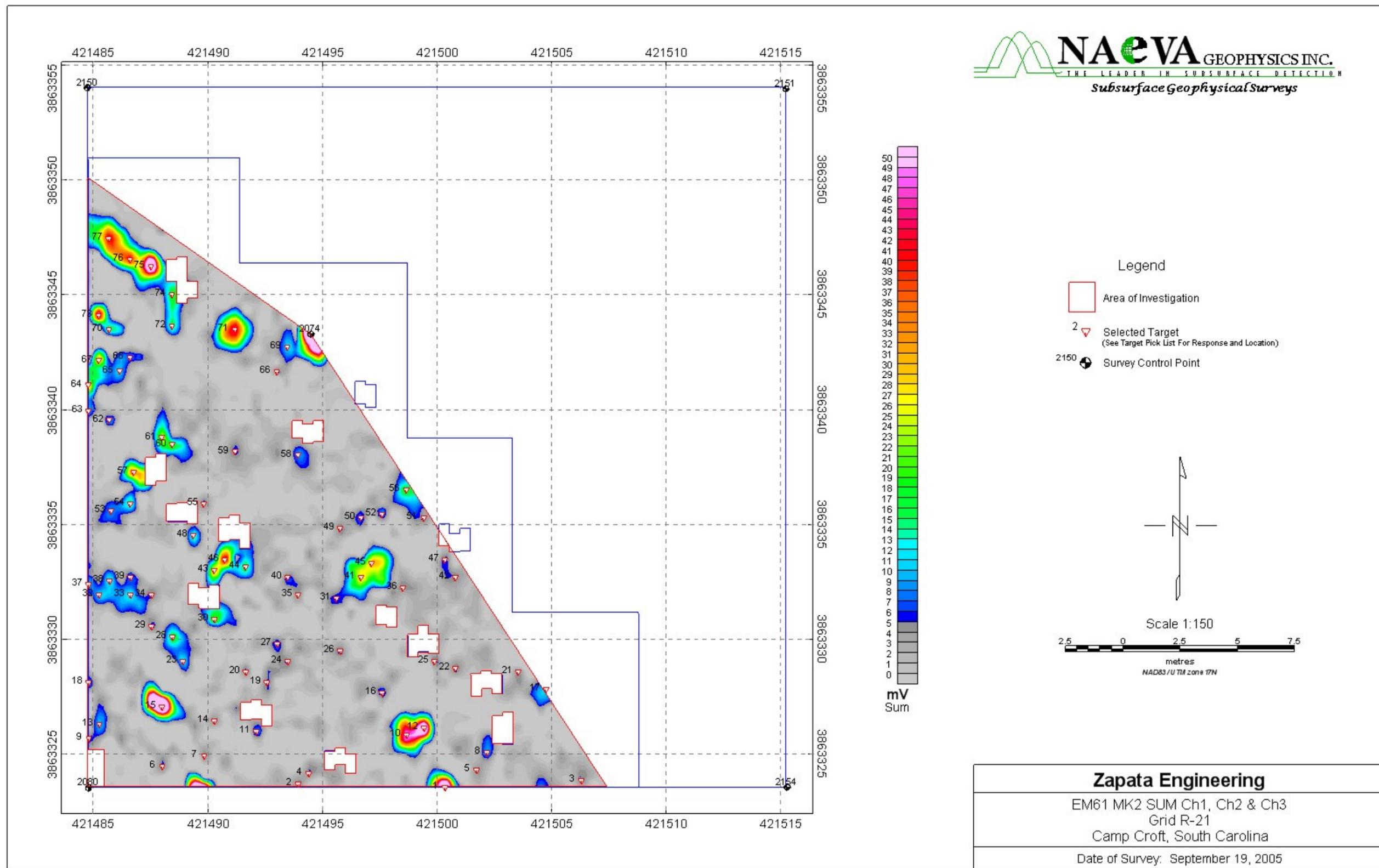
Geophysical Contract: Zepata Engineering / NAEVA GEOPHYSICS  
Project Geophysicist: David Smith  
Site Geophysicist: \_\_\_\_\_  
Field Team: \_\_\_\_\_  
COE Design Center: Brendan Slater  
COE Project Engineer: \_\_\_\_\_  
COE Geophysicist: Andrew Schwartz

Geophysical Equipment Used	Component	Serial #	Grid Background Value (mV / nT)	Date	Time

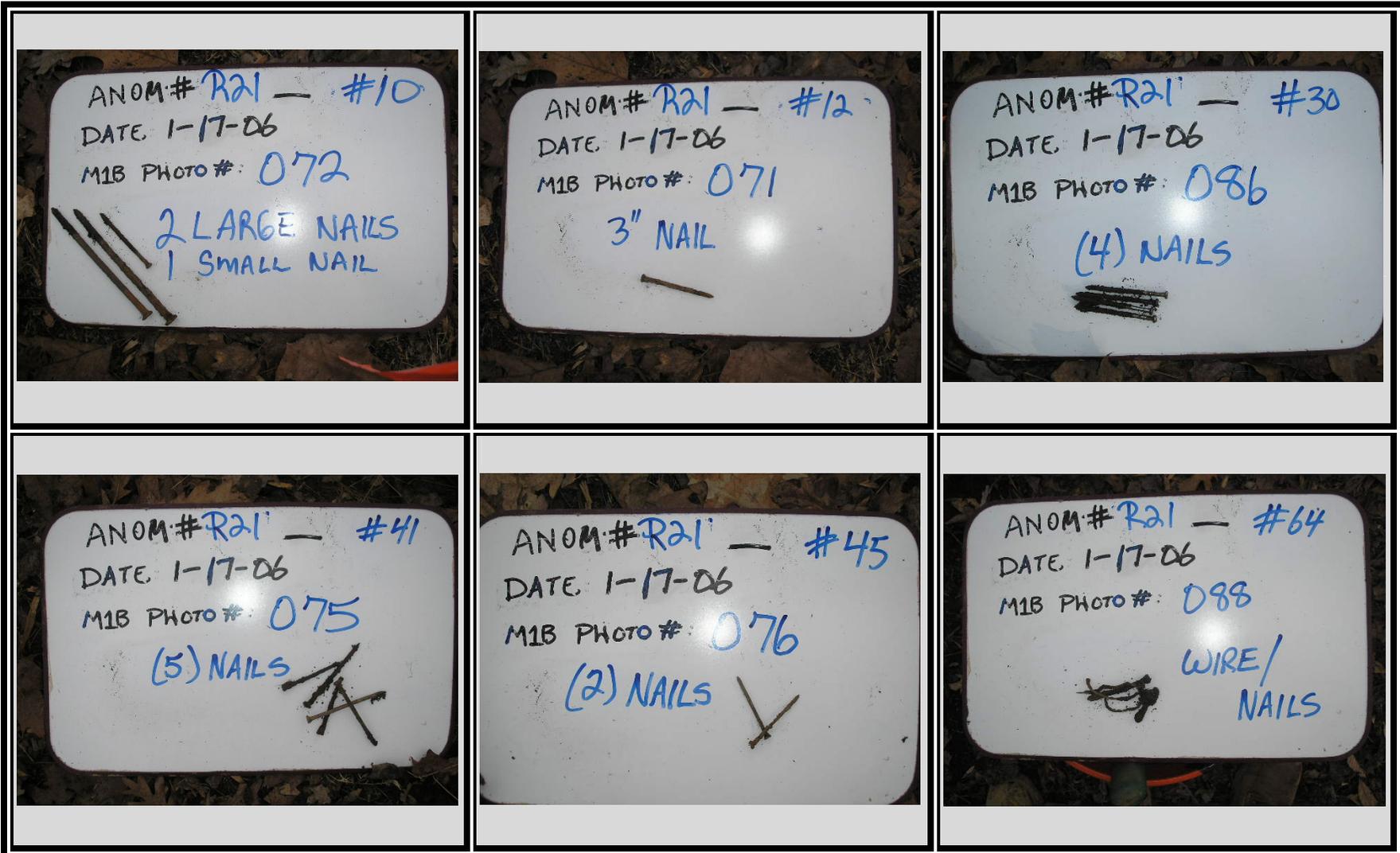
Unique Target ID	Original Survey								Reacquisition Survey				Dig Results										Post Dig UXO QC Results			Post Dig Geophysical QC						
	Easting Coord (m)	Northing Coord (m)	Local X (ft)	Local Y (ft)	Ch1 Amplitude Response (mV)	Ch2 Amplitude Response (mV)	Associate Target ID	Date	Ch1 Amplitude Response (mV)	Ch2 Amplitude Response (mV)	Offset		Date	Anomaly type ***	Approx. weight (lbs. oz)	Dimensions: Length, Width, Height (in)	Comments	Offset		Orientation of Nose (Azimuth deg) **	Inclination of Nose (deg) **	Depth (in)		Digital Photo Filename **	Date	Team Leader Initials	Excavation Hole Cleared?	UXO CC Spec. Initials	Date	Agreement between Dig Results & Geophysical Data? (G=good, A=avg, P=poor)	Geophysicist QC Initials	Date
											X Distance (in)	Y Distance (in)						X Distance (in)	Y Distance (in)			Top of Item	Center of Mass									
R21_10	421490.6571	3963025.035	45.5	7.5	33.0		R21_10	19-Sep-2005	40	3.7	0	0	1/6/06	CD	25	5 x 25 x 25	1 lg nail and 1 sm nail	0	0	NA	90	0	2.5	R21_10 - #072	1/17/06	BAM	NA	DRA	02/21/06	YES	RVW	
R21_11	421492.1034	3963025.992	24	0	6.6		R21_11	19-Sep-2005	6		0	24	1/6/06	CD	50	12 x 25 x 25	barbed wire in tree 36 in above ground	0	5	NW	0	-36	-36		1/9/06	BAM	NA	DRA	02/21/06	YES	RVW	
R21_12	421499.4106	3963026.14	40	0.5	44.0		R21_12	19-Sep-2005	7	1.2	0	0	1/6/06	CD	25	3 x 25 x 25	nail	0	0	E	0	0	0	R21_12 - #071	1/17/06	BAM	YES	TF	01/17/06	YES	RVW	01/17/06
R21_30	421490.2656	3963330.057	10	24	15.0		R21_30	19-Sep-2005	51	0.2	1	1	1/6/06	CD	25	3 x 25 x 25	4 ea nails	0	0	NA	90	0	1.5	R21_30 - #006	1/17/06	BAM	YES	TF	01/17/06	YES	RVW	01/17/06
R21_41	421496.6634	3963332.697	39	30	10.2		R21_41	19-Sep-2005	39	1.4	3	-9	1/6/06	CD	25	3 x 25 x 25	5 ea nails	0	0	NA	90	0	1.5	R21_41 - #075	1/17/06	BAM	NA	DRA	02/21/06	YES	RVW	
R21_45	421497.1196	3963333.296	40.5	32	19.0		R21_45	19-Sep-2005	40	1.3	0	0	1/6/06	CD	25	3 x 25 x 25	2 ea nails	0	0	SE	0	3	3	R21_45 - #076	1/17/06	BAM	YES	TF	01/26/06	YES	RVW	01/26/06
R21_64	421404.7590	3963341.069	0	57.5	19.2		R21_64	19-Sep-2005	6	1	0	0	1/6/06	CD	25	3 x 25 x 25	1 nail and wires	0	0	NA	0	0	0	R21_64 - #000	1/17/06	BAM	NA	DRA	02/21/06	YES	RVW	
R21_67	421486.215	3963342.136	1.5	61	22.6		R21_67	19-Sep-2005	33	1.7	0	0	1/6/06	CD	25	5 x 25 x 25	nail	0	0	S	90	5	5	R21_67 - #004	1/17/06	BAM	NA	DRA	02/21/06	YES	RVW	
R21_70	421485.6697	3963343.507	3	65.5	10.8		R21_70	19-Sep-2005	9	1.8	0	0	1/6/06	HOTROCK	5	2 x 2 x 1		0	0			1	2	R21_70 - #082	1/17/06	BAM	YES	RVW	01/18/06	YES	RVW	01/18/06
R21_71	421491.1588	3963343.504	21	65.5	29.6		R21_71	19-Sep-2005	29	3.1	0	0	1/6/06	CD	25	6 x 25 x 25	wire	0	0	SW	15	5	5	R21_71 - #078	1/17/06	BAM	YES	TF	01/26/06	YES	RVW	01/26/06
R21_73	421485.2113	3963344.117	1.5	67.5	32.9		R21_73	19-Sep-2005	153	14.8	0	0	1/6/06	CD	25	6 x 25 x 25	nail in piece of wood	0	0	N	0	-5	-5	R21_73 - #083	1/17/06	BAM	NA	DRA	02/21/06	YES	RVW	
R21_76	421486.5786	3963346.555	6	75.5	27.4		R21_76	19-Sep-2005	52	8.3	0	0	1/6/06	CD	5	3 x 2 x 25	piece of steel	0	0	W	15	2	2.25	R21_76 - #080	1/17/06	BAM	NA	DRA	02/21/06	YES	RVW	
R21_77	421485.6624	3963347.471	3	78.5	28.9		R21_77	19-Sep-2005	24	2.2	0	0	1/6/06	CD	25	6 x 25 x 25	nail	0	0	SW	0	25	50	R21_77 - #081	1/17/06	BAM	NA	DRA	02/21/06	YES	RVW	
R21_A.1	421490.2827	3963324.795	0	0				19-Sep-2005						CD	0.25	3 x 0.25 x 0.25	3 pieces wire							R21_A.1 - #006	01/26/06	RLY	NA	DRA	02/21/06	NA	DRA	02/21/06
R21_C2	421487.9862	3963327.198	10.5	12	61.0	4.3663764	R21_15	19-Sep-2005	69	5.4	0	0	1/6/06	CD	50	11 x 25 x 25	wire	0	0	N	90	0	2		1/6/06	BAM	YES	TF	01/17/06	YES	RVW	01/17/06
R21_C3	421490.7178	3963333.6	19.5	33	29.6	4.6761889	R21_46	19-Sep-2005	8	1.3	-6	-12	1/6/06	CD	25	3 x 25 x 25	nail	0	0	NE	0	1	1	R21_C3 - #085	1/17/06	BAM	YES	TF	01/17/06	YES	RVW	01/17/06
R21_C4	421488.4228	3963338.324	12	48.5	13.2	4.9507375		19-Sep-2005	17	5	0	0	1/6/06	CD	25	3 x 25 x 25	2 ea nails	0	0	NA	90	0	1.5	R21_C4 - #077	1/17/06	BAM	NA	DRA	02/21/06	YES	RVW	
R21_C5	421487.4937	3963346.25	9	74.5	47.4	6.3499379	R21_75	19-Sep-2005	15	5	0	0	1/6/06	CD	5	12 x 25 x 25	barbed wire	0	0	NA	15	1	1.5	R21_C5 - #079	1/17/06	BAM	NA	DRA	02/21/06	YES	RVW	
R21_D1	421488	3963334.81	10.59	37	2.1			19-Sep-2005	8	4	0	0	1/6/06	NC			NC DURING DIG - QCed with em-61								1/17/06	BAM	YES	TF	01/17/06	YES	RVW	01/17/06
R21_D2	421486	3963328.92	4	17.66	2.3			19-Sep-2005					1/6/06	NC			No Contact During Reacquisition									NA	DRA	02/21/06	NA	DRA	02/21/06	
R21_D3	421505.4	3963324.81	67.61	4.12	2.7			19-Sep-2005					1/6/06	NC			No Contact During Reacquisition									NA	DRA	02/21/06	NA	DRA	02/21/06	
R21_D4	421500.92	3963325.24	52.9	5.53	2.8			19-Sep-2005					1/6/06	NC			No Contact During Reacquisition									NA	DRA	02/21/06	NA	DRA	02/21/06	
R21_D5	421494.81	3963326.25	32.89	8.86	2.3			19-Sep-2005					1/6/06	NC			No Contact During Reacquisition									NA	DRA	02/21/06	NA	DRA	02/21/06	
R21_D6	421497.1	3963326.59	40.39	9.97	2.6			19-Sep-2005					1/6/06	NC			No Contact During Reacquisition									NA	DRA	02/21/06	NA	DRA	02/21/06	
R21_D7	421495.02	3963338.21	27.07	48.15	2.9			19-Sep-2005					1/6/06	NC			No Contact During Reacquisition									NA	DRA	02/21/06	NA	DRA	02/21/06	
R21_QA56	421498.6379	3963336.494	45.5	42.5	11.4			19-Sep-2005	16	1.8	0	0	01/17/06	HOTROCK	2	5 x 4 x 2.5		0	0			10	12	R21_QA56 - #090	1/17/06	bam	NA	DRA	02/21/06	YES	RVW	

\* Fill in Units (mV, nT/m, ppt, etc)  
\*\* Opt Field - refer to SOW for applicability.  
\*\*\* UXO, DMM, MC-E (Munit Const-Exp), MD (Munit Debris), CD (Cut Debris) and MC-NE (Munit Const-Non Exp), SA (small arms), NC (no contact) OT (other)

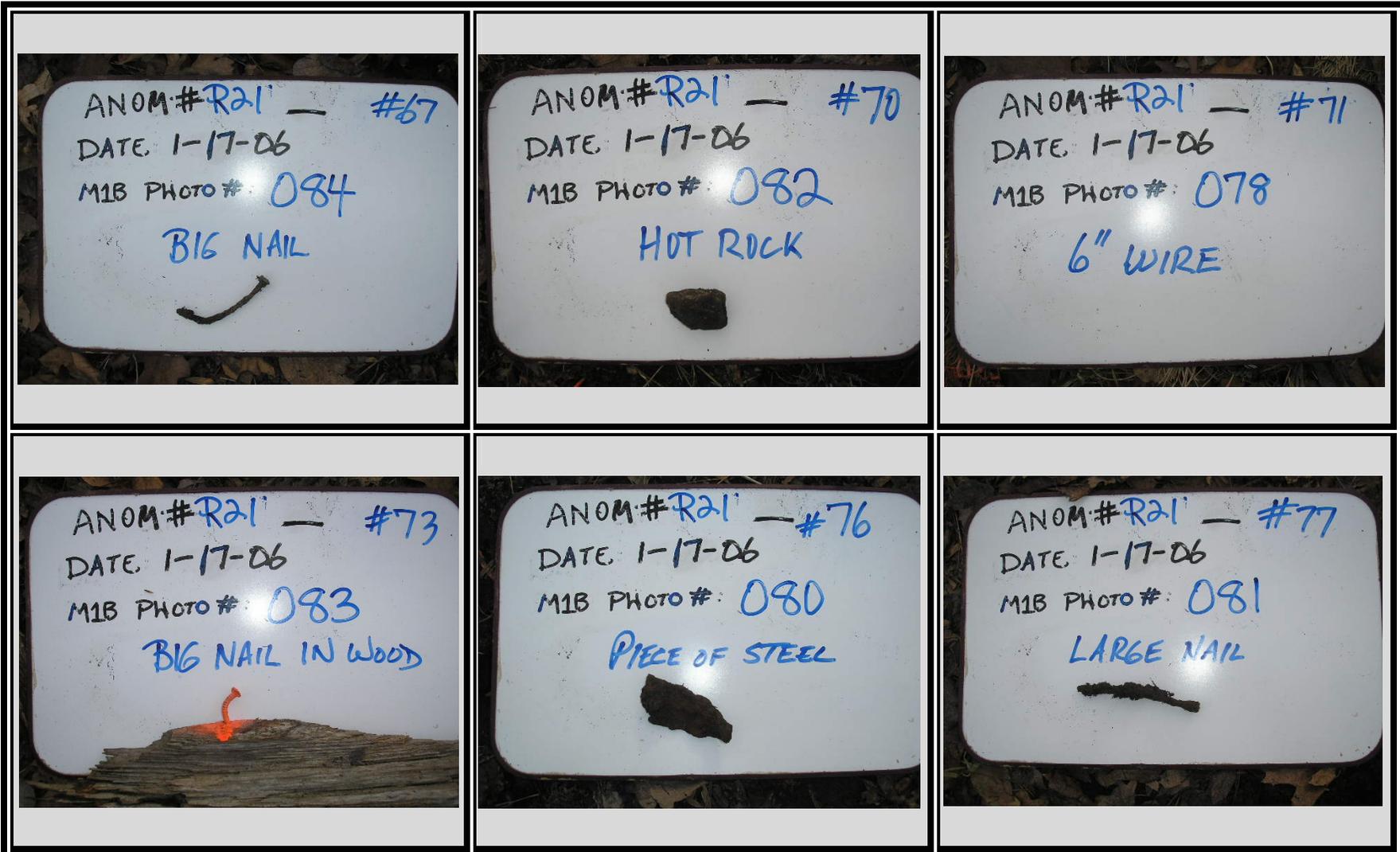




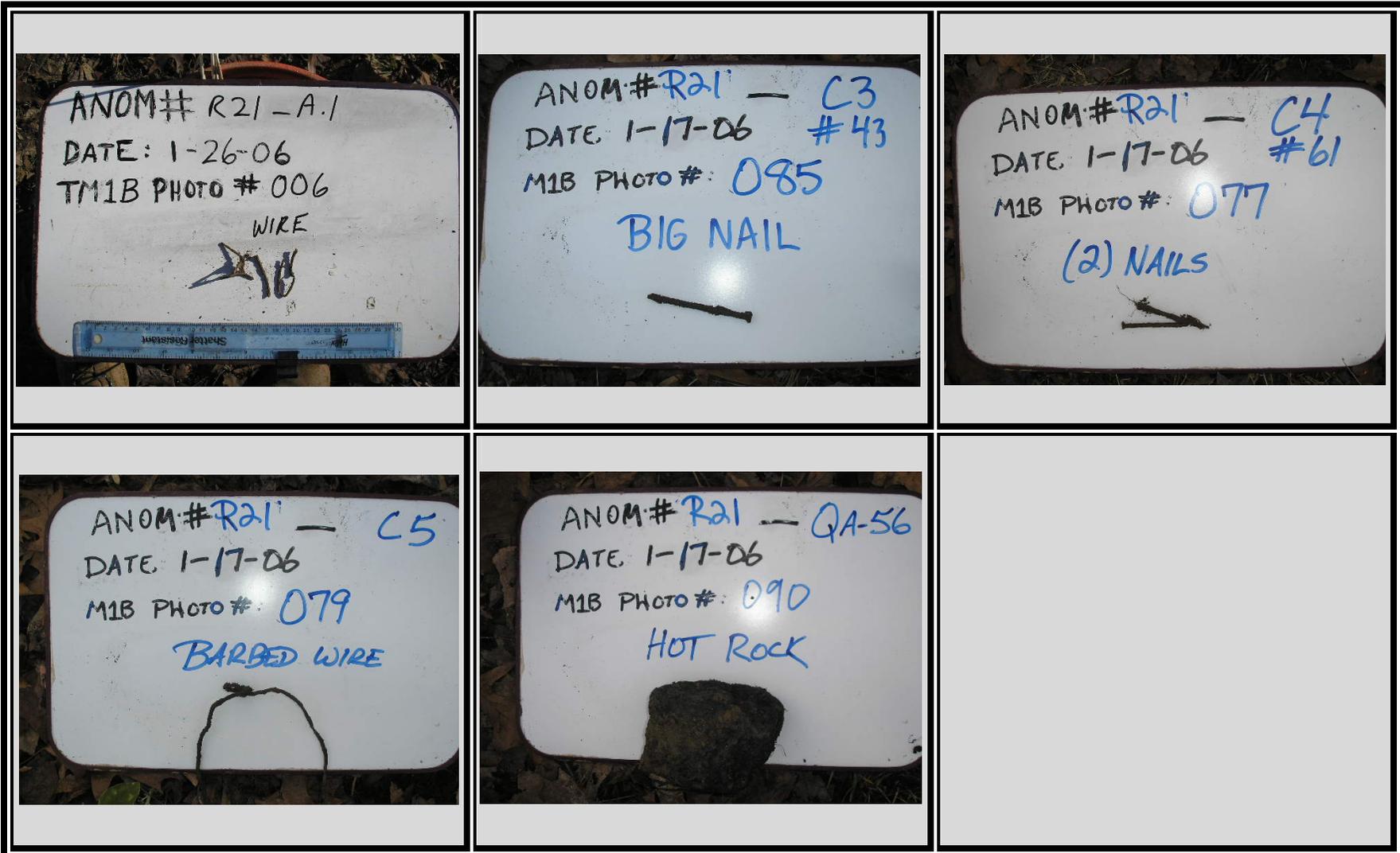
GRID R21 DIG PHOTOS



GRID R21 DIG PHOTOS (CONTINUED)



GRID R21 DIG PHOTOS (CONTINUED)



**APPENDIX E  
SCRAP MANAGEMENT FORMS**

January 30, 2006

Arrow Steel Products, Inc.  
1621 Union St.  
Spartanburg, SC 29302

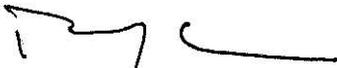
Subject: Final Disposition of Ordnance Related Scrap from the Former Camp Croft,  
Spartanburg, SC

Dear Mr. Tanenbaum,

ZAPATAENGINEERING is, at no additional cost to the Government, delivering to your company ordnance related scrap that was recovered at the Former Camp Croft in Spartanburg, SC. Your signature below indicates that you have received one unopened and labeled container with its own unique identified and unbroken seal to ensure a continued chain of custody. You further agree with the provided documentation that the sealed containers contain no explosive hazard when received and that the contents of these sealed containers will not be sold, traded or otherwise be given to another party until the contents have been smelted and are only identifiable by their basic content.

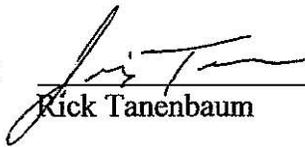
We request that you will send ZAPATAENGINEERING notification, via the letter provided in Encl. 1, and supporting documentation that the scrap inside the sealed containers have been smelted and are only identifiable by their basic content.

Your assistance is greatly appreciated.

  
Douglas D. McCue  
SUXOS

Enclosure (1): Letter of notification.

Acknowledgement:

  
Rick Tanenbaum

ZAPATAENGINEERING, PA  
ATTN: Jeff Schwalm  
6302 Fairview Rd., Ste. 600  
Charlotte, NC 28210

Subject: Final Disposition of Ordnance Related Scrap from Former Camp Croft,  
Spartanburg, SC

Dear Mr. Schwalm,

Arrow Steel Products, Inc. received one 33 gallon barrel of ordnance related scrap from ZAPATAENGINEERING on January 30, 2006. The container was sealed, unopened and had its own identification documentation attached. The total weight of all ordnance related scrap was 78 lbs.

The scrap was sent to Nucor Steel on 2/3/06 for smelting and was smelted on this date: 2/7/06. This scrap is now only identifiable by its basic content.

Sincerely,

  
Mr. Rick Tanenbaum



**OE SCRAP**  
**FORMER Camp Croft, Spartanburg, SC**  
**ZAPATA ENGINEERING, P.A.**

<b>CONTENTS</b>	<b>Mk II Practice Grenades</b>
<b>WEIGHT</b>	<b>94.6 LBS</b>
<b>SENIOR SUPERVISOR</b>	<b>Doug McCue</b>
<b>USACESAM REP</b>	<b>Walter E. Zange</b>
<b>CONTAINER ID #</b>	<b>CEHNC/FORMER CAMP CROFT/ZAPATA ENG, 0007</b>
<b>SEAL ID #</b>	<b>0041196</b>

**APPENDIX F**  
**QUALITY CONTROL/QUALITY ASSURANCE DOCUMENTATION**

**APPENDIX F1  
DAILY QUALITY CONTROL JOURNALS /QC INSPECTION FORMS**

**DAILY QUALITY CONTROL JOURNALS**

**ZAPATAENGINEERING**  
**DAILY QUALITY CONTROL JOURNAL**

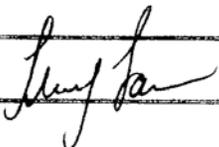
DATE: 1/30/06		PROJECT: FORMER CAMP CROFT		
SUXOS: Doug McCue		PM: JEFF SCHWALM		
SSO: TERRY FARMER		QCS: TERRY FARMER		
MAG TYPE USED:		MAG SETTING USED:		
AREA/ITEMS QC'D	TEAM	SAT	UNSAT	
Proper work attire (PPE)	1	✓		
Morning Magnetometer check	1	✓		
Vehicle condition	1	✓		
Equipment condition	1	✓		
Emergency equipment, first aid kit, burn kit, fire ext.	1	✓		
Proper grid layout	1	✓		
Proper search techniques	1	✓		
Proper use of grubbing equipment	N/A			
Proper tamping techniques, demo shot	N/A			
Team leaders daily paper work	1	✓		
Office paper work		✓		
Mapping and UXO data		✓		
Field office, inside		✓		
Field office grounds		✓		
QCS SIGNATURE: <i>Terry Farmer</i>				

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**DAILY QUALITY CONTROL JOURNAL**

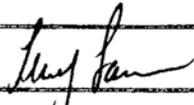
<b>DATE:</b> 1/27/06		<b>PROJECT:</b> FORMER CAMP CROFT		
<b>SUXOS:</b> Doug McCue		<b>PM:</b> JEFF SCHWALM		
<b>SSO:</b> TERRY FARMER		<b>QCS:</b> TERRY FARMER		
<b>MAG TYPE USED:</b>		<b>MAG SETTING USED:</b>		
AREA/ITEMS QC'D	TEAM	SAT	UNSAT	
Proper work attire (PPE)	1	✓		
Morning Magnetometer check	1	✓		
Vehicle condition	1	✓		
Equipment condition	1	✓		
Emergency equipment, first aid kit, burn kit, fire ext.	1	✓		
Proper grid layout	N/A			
Proper search techniques	1		✓ *	
Proper use of grubbing equipment	N/A			
Proper tamping techniques, demo shot	N/A			
Team leaders daily paper work	1	✓		
Office paper work	1	✓		
Mapping and UXO data	1	✓		
Field office, inside	1	✓		
Field office grounds	1	✓		
<b>QCS SIGNATURE:</b> 				

\*NOT ENSURE HOLES ARE CLEAR AFTER REMOVING AN ANOMALY

**ZAPATAENGINEERING**  
**DAILY QUALITY CONTROL JOURNAL**

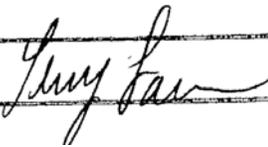
<b>DATE:</b> 1/26/06		<b>PROJECT:</b> FORMER CAMP CROFT		
<b>SUXOS:</b> Doug McCue		<b>PM:</b> JEFF SCHWALM		
<b>SSO:</b> TERRY FARMER		<b>QCS:</b> TERRY FARMER		
<b>MAG TYPE USED:</b>		<b>MAG SETTING USED:</b>		
<b>AREA/ITEMS QC'D</b>	<b>TEAM</b>	<b>SAT</b>	<b>UNSAT</b>	
Proper work attire (PPE)	1	✓		
Morning Magnetometer check	1	✓		
Vehicle condition	1	✓		
Equipment condition	1	✓		
Emergency equipment, first aid kit, burn kit, fire ext.	1	✓		
Proper grid layout	N/A			
Proper search techniques	1	✓		
Proper use of grubbing equipment	N/A			
Proper tamping techniques, demo shot	N/A			
Team leaders daily paper work	1			
Office paper work		✓		
Mapping and UXO data		✓		
Field office, inside		✓		
Field office grounds		✓		
<b>QCS SIGNATURE:</b> 				

**ZAPATAENGINEERING**  
**DAILY QUALITY CONTROL JOURNAL**

<b>DATE:</b> 1/24/06		<b>PROJECT:</b> FORMER CAMP CROFT		
<b>SUXOS:</b> Doug McCue		<b>PM:</b> JEFF SCHWALM		
<b>SSO:</b> TERRY FARMER		<b>QCS:</b> TERRY FARMER		
<b>MAG TYPE USED:</b>		<b>MAG SETTING USED:</b>		
<b>AREA/ITEMS QC'D</b>	<b>TEAM</b>	<b>SAT</b>	<b>UNSAT</b>	
Proper work attire (PPE)	1	✓		
Morning Magnetometer check	1	✓		
Vehicle condition	1	✓		
Equipment condition	1	✓		
Emergency equipment, first aid kit, burn kit, fire ext.	1	✓		
Proper grid layout	N/A			
Proper search techniques	1		* ✓	
Proper use of grubbing equipment	N/A			
Proper tamping techniques, demo shot	N/A			
Team leaders daily paper work	1	✓		
Office paper work		✓		
Mapping and UXO data		✓		
Field office, inside		✓		
Field office grounds		✓		
<b>QCS SIGNATURE:</b> 				

\* 2 MKII TRAINING CREATIVES FOUND IN AREA PREVIOUSLY DUG AND REPORTED AS COMPLETED.

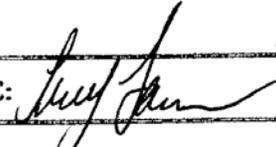
**ZAPATAENGINEERING**  
**DAILY QUALITY CONTROL JOURNAL**

DATE: 1/23/06		PROJECT: FORMER CAMP CROFT		
SUXOS: Doug McCue		PM: JEFF SCHWALM		
SSO: TERRY FARMER		QCS: TERRY FARMER		
MAG TYPE USED:		MAG SETTING USED:		
AREA/ITEMS QC'D	TEAM	SAT	UNSAT	
Proper work attire (PPE)	1	✓		
Morning Magnetometer check	1	✓		
Vehicle condition	1	✓		
Equipment condition	1	✓		
Emergency equipment, first aid kit, burn kit, fire ext.	1	✓		
Proper grid layout	1	✓		
Proper search techniques	1	✓		
Proper use of grubbing equipment	N/A			
Proper tamping techniques, demo shot	N/A			
Team leaders daily paper work	1	✓		
Office paper work	1	✓		
Mapping and UXO data	1	✓		
Field office, inside	1	✓		
Field office grounds	1	✓		
QCS SIGNATURE: 				

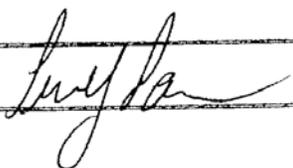
**ZAPATAENGINEERING**  
**DAILY QUALITY CONTROL JOURNAL**

<b>DATE:</b> <i>11/19/06</i>		<b>PROJECT:</b> <i>FORMER CAMP CROFT</i>		
<b>SUXOS:</b> <i>DOUG McCUE</i>		<b>PM:</b> <i>JEFF SCHWALM</i>		
<b>SSO:</b> <i>TERRY FARMER</i>		<b>QCS:</b> <i>TERRY FARMER</i>		
<b>MAG TYPE USED:</b>		<b>MAG SETTING USED:</b>		
<b>AREA/ITEMS QC'D</b>	<b>TEAM</b>	<b>SAT</b>	<b>UNSAT</b>	
Proper work attire (PPE)	1	✓		
Morning Magnetometer check	1	✓		
Vehicle condition	1	✓		
Equipment condition	1	✓		
Emergency equipment, first aid kit, burn kit, fire ext.	1	✓		
Proper grid layout	1	✓		
Proper search techniques	1	✓		
Proper use of grubbing equipment	N/A			
Proper tamping techniques, demo shot	N/A			
Team leaders daily paper work	1	✓		
Office paper work		✓		
Mapping and UXO data		✓		
Field office, inside		✓		
Field office grounds		✓		
<b>QCS SIGNATURE:</b> 				

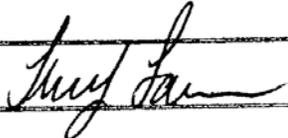
**ZAPATAENGINEERING**  
**DAILY QUALITY CONTROL JOURNAL**

<b>DATE:</b> 1/18/06		<b>PROJECT:</b> FORMER CAMP CROFT		
<b>SUXOS:</b> Doug McCue		<b>PM:</b> JEFF SCHWALM		
<b>SSO:</b> TERRY FARMER		<b>QCS:</b> TERRY FARMER		
<b>MAG TYPE USED:</b>		<b>MAG SETTING USED:</b>		
<b>AREA/ITEMS QC'D</b>	<b>TEAM</b>	<b>SAT</b>	<b>UNSAT</b>	
Proper work attire (PPE)	1	✓		
Morning Magnetometer check	1	✓		
Vehicle condition	1	✓		
Equipment condition	1	✓		
Emergency equipment, first aid kit, burn kit, fire ext.	1	✓		
Proper grid layout	1	✓		
Proper search techniques	1	✓		
Proper use of grubbing equipment	N/A			
Proper tamping techniques, demo shot	N/A			
Team leaders daily paper work	1	✓		
Office paper work		✓		
Mapping and UXO data		✓		
Field office, inside		✓		
Field office grounds		✓		
<b>QCS SIGNATURE:</b> 				

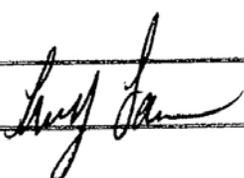
**ZAPATAENGINEERING**  
**DAILY QUALITY CONTROL JOURNAL**

<b>DATE:</b> 1/17/06	<b>PROJECT:</b> FORMER CAMP CROFT		
<b>SUXOS:</b> Doug McCue	<b>PM:</b> JEFF SCHWALM		
<b>SSO:</b> TERRY FARMER	<b>QCS:</b> TERRY FARMER		
<b>MAG TYPE USED:</b> SCHWABSTEST	<b>MAG SETTING USED:</b> 4		
<b>AREA/ITEMS QC'D</b>	<b>TEAM</b>	<b>SAT</b>	<b>UNSAT</b>
Proper work attire (PPE)	1	✓	
Morning Magnetometer check	1	✓	
Vehicle condition	1	✓	
Equipment condition	1	✓	
Emergency equipment, first aid kit, burn kit, fire ext.	1	✓	
Proper grid layout	1	✓	
Proper search techniques	1	✓	
Proper use of grubbing equipment	N/A		
Proper tamping techniques, demo shot	N/A		
Team leaders daily paper work	1	✓	
Office paper work		✓	
Mapping and UXO data		✓	
Field office, inside		✓	
Field office grounds		✓	
<b>QCS SIGNATURE:</b> 			

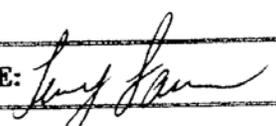
**ZAPATAENGINEERING**  
**DAILY QUALITY CONTROL JOURNAL**

<b>DATE:</b> 1/16/06		<b>PROJECT:</b> FORMER CAMP CROFT		
<b>SUXOS:</b> Doug McCue		<b>PM:</b> JEFF SCHWALM		
<b>SSO:</b> TERRY FARMER		<b>QCS:</b> TERRY FARMER		
<b>MAG TYPE USED:</b>		<b>MAG SETTING USED:</b>		
<b>AREA/ITEMS QC'D</b>	<b>TEAM</b>	<b>SAT</b>	<b>UNSAT</b>	
Proper work attire (PPE)	1	✓		
Morning Magnetometer check	1	✓		
Vehicle condition	1	✓		
Equipment condition	1	✓		
Emergency equipment, first aid kit, burn kit, fire ext.	1	✓		
Proper grid layout	1	✓		
Proper search techniques	1	✓		
Proper use of grubbing equipment	N/A			
Proper tamping techniques, demo shot	N/A			
Team leaders daily paper work	1	✓		
Office paper work		✓		
Mapping and UXO data		✓		
Field office, inside		✓		
Field office grounds		✓		
<b>QCS SIGNATURE:</b> 				

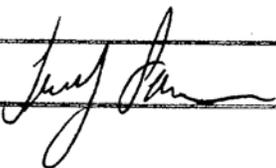
**ZAPATAENGINEERING**  
**DAILY QUALITY CONTROL JOURNAL**

<b>DATE:</b> 1/12/06		<b>PROJECT:</b> FORMER CAMP CROFT		
<b>SUXOS:</b> Doug McCue		<b>PM:</b> JEFF SCHWALM		
<b>SSO:</b> TERRY FARMER		<b>QCS:</b> TERRY FARMER		
<b>MAG TYPE USED:</b>		<b>MAG SETTING USED:</b>		
<b>AREA/ITEMS QC'D</b>	<b>TEAM</b>	<b>SAT</b>	<b>UNSAT</b>	
Proper work attire (PPE)	1	✓		
Morning Magnetometer check	1	✓		
Vehicle condition	1	✓		
Equipment condition	1	✓		
Emergency equipment, first aid kit, burn kit, fire ext.	1	✓		
Proper grid layout	1	✓		
Proper search techniques	1	✓		
Proper use of grubbing equipment	N/A			
Proper tamping techniques, demo shot	N/A			
Team leaders daily paper work	1	✓		
Office paper work		✓		
Mapping and UXO data		✓		
Field office, inside		✓		
Field office grounds		✓		
<b>QCS SIGNATURE:</b> 				

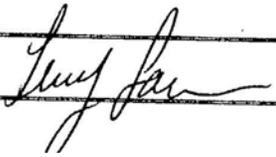
**ZAPATAENGINEERING**  
**DAILY QUALITY CONTROL JOURNAL**

<b>DATE:</b> 1/11/06	<b>PROJECT:</b> FORMER CAMP CROFT		
<b>SUXOS:</b> Doug McCue	<b>PM:</b> JEFF SCHWALM		
<b>SSO:</b> TERRY FARMER	<b>QCS:</b> TERRY FARMER		
<b>MAG TYPE USED:</b>	<b>MAG SETTING USED:</b>		
<b>AREA/ITEMS QC'D</b>	<b>TEAM</b>	<b>SAT</b>	<b>UNSAT</b>
Proper work attire (PPE)	1		✓
Morning Magnetometer check	1	✓	
Vehicle condition	1	✓	
Equipment condition	1	✓	
Emergency equipment, first aid kit, burn kit, fire ext.	1	✓	
Proper grid layout	1	✓	
Proper search techniques	1	✓	
Proper use of grubbing equipment	N/A	✓	
Proper tamping techniques, demo shot	N/A		
Team leaders daily paper work	1	✓	
Office paper work	1	✓	
Mapping and UXO data	N/A		
Field office, inside		✓	
Field office grounds		✓	
<b>QCS SIGNATURE:</b> 			

**ZAPATAENGINEERING**  
**DAILY QUALITY CONTROL JOURNAL**

<b>DATE:</b> 1/10/06		<b>PROJECT:</b> FORMER CAMP CROFT		
<b>SUXOS:</b> Doug McCue		<b>PM:</b> JEFF SCHWALM		
<b>SSO:</b> TERRY FARMER		<b>QCS:</b> TERRY FARMER		
<b>MAG TYPE USED:</b>		<b>MAG SETTING USED:</b>		
<b>AREA/ITEMS QC'D</b>	<b>TEAM</b>	<b>SAT</b>	<b>UNSAT</b>	
Proper work attire (PPE)	1	✓		
Morning Magnetometer check	1	✓		
Vehicle condition	1	✓		
Equipment condition	1	✓		
Emergency equipment, first aid kit, burn kit, fire ext.	1	✓		
Proper grid layout	N/A			
Proper search techniques	1	✓		
Proper use of grubbing equipment	N/A			
Proper tamping techniques, demo shot	N/A			
Team leaders daily paper work		✓		
Office paper work		✓		
Mapping and UXO data		✓		
Field office, inside		✓		
Field office grounds		✓		
<b>QCS SIGNATURE:</b> 				

**ZAPATAENGINEERING**  
**DAILY QUALITY CONTROL JOURNAL**

<b>DATE:</b> 1/9/06		<b>PROJECT:</b> FORMER CAMP CROFT		
<b>SUXOS:</b> Doug McCut		<b>PM:</b> JEFF SCHWABER		
<b>SSO:</b> TERRY FARMER		<b>QCS:</b> TERRY FARMER		
<b>MAG TYPE USED:</b>		<b>MAG SETTING USED:</b>		
AREA/ITEMS QC'D	TEAM	SAT	UNSAT	
Proper work attire (PPE)	1	✓		
Morning Magnetometer check	1	✓		
Vehicle condition	1	✓		
Equipment condition	1	✓		
Emergency equipment, first aid kit, burn kit, fire ext.	1	✓		
Proper grid layout	1	✓		
Proper search techniques	1	✓		
Proper use of grubbing equipment	N/A	N/A		
Proper tamping techniques, demo shot	N/A			
Team leaders daily paper work	1	✓		
Office paper work	1	✓		
Mapping and UXO data	1	✓		
Field office, inside	1	✓		
Field office grounds	1	✓		
<b>QCS SIGNATURE:</b> 				

**QC INSPECTION RECORDS**

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 29P	Grid Number: B19	Date: 1/17/06					
Start (Date/Time): 1-17/0930		Completion (Date/Time): 1-17/1000		Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			Quality Control Results				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected		x		
			Passed Inspection:				
			x Yes				
			No				
Draw the approximate location(s) of above items where answered Yes							
<div style="border: 1px solid black; width: 100%; height: 150px; margin-bottom: 5px;"></div> Southwest Corner			Notes:				
Remarks: Random inspection of mag and flag area with EM61 resulted in no positive contacts.							
QC Officer: Terry Farmer			Signature:				

<b>ZAPATAENGINEERING</b>		<b>QC Inspection Record</b>			
Work Area: Camp Croft 29P	Grid Number: C17	Date: 1/16/06			
Start (Date/Time): 1-16/0830	Completion (Date/Time): 1-16/0845		Page 1 of _1_ Pages		
Personnel: Team 1 Position:      Name:      Hours: UXO II      Morrell UXO II      Gipson UXO II      Fields UXO II      Patton UXO II      English UXO Supervisor: Bruce McClain		<b>Quality Control Results</b>			
		Item	Yes	No	Qty
		MEC Encountered	<input type="checkbox"/>	x	
		Anomalies Detected	<input type="checkbox"/>	x	
		Passed Inspection: x Yes No			
Draw the approximate location(s) of above items where answered Yes					
<div style="border: 1px solid black; width: 300px; height: 200px; margin: 0 auto;"></div> <p style="text-align: center; margin-top: 10px;">Southwest Corner</p>		Notes:			
Remarks: Random inspection of anomalies with EM61 resulted in no positive contacts.					
QC Officer: Terry Farmer			Signature:		

<b>ZAPATAENGINEERING</b>		<b>QC Inspection Record</b>			
Work Area: Camp Croft 29P	Grid Number: C18	Date: 1/17/06			
Start (Date/Time): 1-17/0845	Completion (Date/Time): 1-17/0905	Page 1 of			
		_1_ Pages			
Personnel: Team 1 Position:      Name:      Hours: UXO II      Morrell UXO II      Gipson UXO II      Fields UXO II      Patton UXO II      English UXO Supervisor: Bruce McClain		Quality Control Results			
		Item	Yes	No	Qty
		MEC Encountered	<input type="checkbox"/>	x	
		Anomalies Detected	<input type="checkbox"/>	x	
		Passed Inspection:			
		x Yes No			
Draw the approximate location(s) of above items where answered Yes					
<div style="border: 1px solid black; width: 300px; height: 200px; margin: 0 auto;"></div> Southwest Corner		Notes:			
Remarks: Random inspection of anomalies with EM61 resulted in no positive contacts.					
QC Officer: Terry Farmer		Signature: 			



<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>		
Work Area: Camp Croft 29P	Grid Number: C20	Date: 1/27/06			
Start (Date/Time): 1-27/1010	Completion (Date/Time): 1-27/1020	Page 1 of 1			
Personnel: Team Position:            Name:            Hours:		Quality Control Results			
		Item	Yes	No	Qty
		MEC Encountered		x	
		Anomalies Detected		x	
		Passed Inspection: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<p>Draw the approximate location(s) of above items where answered Yes</p> <div style="display: flex; align-items: flex-start;"> <div style="border: 1px solid black; width: 300px; height: 200px; margin-right: 20px;"></div> <div> <p>Notes:</p> <p>There were no anomalies detected and/or selected in this partial grid.</p> </div> </div> <p>Southwest Corner</p>					
Remarks: Random inspection of grid with EM61 not possible due to grid topography.					
QC Officer: Terry Farmer			Signature:		

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>			
Work Area: Camp Croft 29P	Grid Number: D17	Date: 1/17/06				
Start (Date/Time): 1-17/0930	Completion (Date/Time): 1-17/0945			Page 1 of		
Personnel: Team 1			<b>Quality Control Results</b>			
Position:	Name:	Hours:	Item	Yes	No	Qty
UXO II	Morrell		MEC Encountered	<input type="checkbox"/>	x	
UXO II	Gipson		Anomalies Detected	x		2
UXO II	Fields		Passed Inspection:			
UXO II	Patton		x Yes			
UXO II	English		No			
UXO Supervisor: Bruce McClain						
Draw the approximate location(s) of above items where answered Yes						
<div style="border: 1px solid black; width: 300px; height: 200px; margin: 0 auto; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); text-align: center;"> <p>X C11</p> <p>X C9</p> </div> </div>			<b>Notes:</b>  C9- Intrusive team re-visited and verified anomaly to be a railroad tie (8' long) with metal spikes.  C11- Intrusive team re-visited and verified anomaly to be a metal pipe buried >25".			
Southwest Corner						
<b>Remarks:</b> Random inspection of other anomalies with EM61 resulted in no positive contacts.						
QC Officer: Terry Farmer			Signature:			

<b>ZAPATAENGINEERING</b>		<b>QC Inspection Record</b>																									
Work Area: Camp Croft 29P	Grid Number: D18	Date: 1/17/06																									
Start (Date/Time): 1-17/1625	Completion (Date/Time): 1-17/1635		Page 1 of																								
Personnel: Team 1		<b>Quality Control Results</b>																									
Position:	Name:	Hours:																									
UXO II	Morrell																										
UXO II	Gipson																										
UXO II	Fields																										
UXO II	Patton																										
UXO II	English																										
UXO Supervisor: Bruce McClain																											
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; padding: 5px;">Item</th> <th style="width: 10%; padding: 5px;">Yes</th> <th style="width: 10%; padding: 5px;">No</th> <th style="width: 10%; padding: 5px;">Qty</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">MEC Encountered</td> <td style="padding: 5px;"></td> <td style="padding: 5px; text-align: center;">x</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">Anomalies Detected</td> <td style="padding: 5px;"></td> <td style="padding: 5px; text-align: center;">x</td> <td style="padding: 5px;"></td> </tr> <tr> <td colspan="4" style="padding: 5px;">Passed Inspection:</td> </tr> <tr> <td colspan="4" style="padding: 5px;">x Yes</td> </tr> <tr> <td colspan="4" style="padding: 5px;">No</td> </tr> </tbody> </table>		Item	Yes	No	Qty	MEC Encountered		x		Anomalies Detected		x		Passed Inspection:				x Yes				No			
Item	Yes	No	Qty																								
MEC Encountered		x																									
Anomalies Detected		x																									
Passed Inspection:																											
x Yes																											
No																											
Draw the approximate location(s) of above items where answered Yes																											
<div style="border: 1px solid black; width: 100%; height: 150px; margin-bottom: 5px;"></div> <p style="margin-left: 20px;">Southwest Corner</p>		Notes:																									
Remarks: Random inspection of anomalies with EM61 resulted in no positive contacts.																											
QC Officer: Terry Farmer		Signature:																									



<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>		
Work Area: Camp Croft 29P	Grid Number: E17	Date: 1/27/06			
Start (Date/Time): 1-27/0930	Completion (Date/Time): 1-27/0940	Page 1 of 1			
Personnel: Team Position:            Name:            Hours:		Quality Control Results			
		Item	Yes	No	Qty
		MEC Encountered		x	
		Anomalies Detected		x	
		Passed Inspection: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<p>Draw the approximate location(s) of above items where answered Yes</p> <div style="display: flex; align-items: flex-start;"> <div style="border: 1px solid black; width: 300px; height: 200px; margin-right: 20px;"></div> <div> <p>Notes:</p> <p>There were no anomalies detected and/or selected in this partial grid.</p> </div> </div> <p>Southwest Corner</p>					
Remarks: Random inspection of grid with EM61 resulted in no positive contacts.					
QC Officer: Terry Farmer			Signature:		

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>		
Work Area: Camp Croft 29P	Grid Number: E18	Date: 1/27/06			
Start (Date/Time): 1-27/0940	Completion (Date/Time): 1-27/0950	Page 1 of 1			
Personnel: Team Position:            Name:            Hours:		Quality Control Results			
		Item	Yes	No	Qty
		MEC Encountered		x	
		Anomalies Detected		x	
		Passed Inspection:			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
Draw the approximate location(s) of above items where answered Yes					
<div style="border: 1px solid black; width: 300px; height: 200px; margin: 0 auto;"></div>			Notes:  There were no anomalies detected and/or selected in this partial grid.		
Southwest Corner					
Remarks: Random inspection of grid with EM61 resulted in no positive contacts.					
QC Officer: Terry Farmer			Signature:		

<b>ZAPATAENGINEERING</b>		<b>QC Inspection Record</b>			
Work Area: Camp Croft 31P	Grid Number: E20	Date: 1/17/06			
Start (Date/Time): 1-17/1650	Completion (Date/Time): 1-17/1655	Page 1 of			
		_1_ Pages			
Personnel: Team 1 Position:      Name:      Hours: UXO II          Morrell UXO II          Gipson UXO II          Fields UXO II          Patton UXO II          English UXO Supervisor: Bruce McClain		<b>Quality Control Results</b>			
		Item	Yes	No	Qty
		MEC Encountered		x	
		Anomalies Detected		x	
		Passed Inspection:			
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<p>Draw the approximate location(s) of above items where answered Yes</p> <div style="display: flex; align-items: flex-start; margin-top: 20px;"> <div style="border: 1px solid black; width: 300px; height: 200px; margin-right: 20px;"></div> <div style="margin-top: 20px;">Notes:</div> </div> <p style="margin-top: 20px; margin-left: 40px;">Southwest Corner</p>					
Remarks: Random inspection of anomalies with EM61 resulted in no positive contacts.					
QC Officer: Terry Farmer		Signature:			

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>					
Work Area: Camp Croft 31P	Grid Number: E21	Date: 1/17/06						
Start (Date/Time): 1-16/1450	Completion (Date/Time): 1-17/1700			Page 1 of 1				
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			Quality Control Results					
			Item	Yes	No	Qty		
			MEC Encountered		x			
			Anomalies Detected		x			
			Passed Inspection:					
			x Yes					
No								
Draw the approximate location(s) of above items where answered Yes								
<div style="border: 1px solid black; width: 100%; height: 150px; margin-bottom: 5px;"></div> Southwest Corner			Notes:					
Remarks: Random inspection with EM61 resulted in no positive contacts.								
QC Officer: Terry Farmer			Signature:					

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>			
Work Area: Camp Croft 31P	Grid Number: F18	Date: 1/24/06				
Start (Date/Time): 1-24/0800	Completion (Date/Time): 1-24/0810			Page 1 of 1		
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			Quality Control Results			
			Item	Yes	No	Qty
			MEC Encountered		x	
			Anomalies Detected		x	
			Passed Inspection:			
			x Yes			
			No			
Draw the approximate location(s) of above items where answered Yes						
<div style="border: 1px solid black; width: 100%; height: 150px; margin-bottom: 5px;"></div> Southwest Corner			Notes:			
Remarks: Random inspection with EM61 resulted in no positive contacts.						
QC Officer: Terry Farmer			Signature:			

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 31P	Grid Number: F19	Date: 1/18/06					
Start (Date/Time): 1-16/1500	Completion (Date/Time): 1-18/1430			Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			Quality Control Results				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected	x		1	
			Passed Inspection:				
			Yes x No				
<p>Draw the approximate location(s) of above items where answered Yes</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 45%; border: 1px solid black; height: 200px; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em;">X</div> <div style="position: absolute; top: 60%; left: 50%; transform: translate(-50%, -50%); font-size: 1.2em;">C1</div> </div> <div style="width: 50%; padding-left: 20px;"> <p>Notes:</p> <p>C1- Channel 1: 85Mv, CHI: 11.6            Intrusive team to re-visit.</p> </div> </div> <p style="margin-top: 20px;">Southwest Corner</p>							
Remarks: Random inspection of other anomalies with EM61 resulted in no positive contacts.							
QC Officer: Terry Farmer			Signature:				

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 31P	Grid Number: F19	Date: 1/24/06					
Start (Date/Time): 1-24/0815		Completion (Date/Time): 1-24/0815		Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			Quality Control Results				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected		x		
			Passed Inspection:				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<p>Draw the approximate location(s) of above items where answered Yes</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 45%; border: 1px solid black; height: 200px; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em;">X</div> <div style="position: absolute; top: 60%; left: 50%; transform: translate(-50%, -50%); font-size: 1.5em;">C1</div> </div> <div style="width: 50%; padding-left: 20px;"> <p>Notes:</p> <p>C1- Intrusive team verified anomaly to be a golf course sprinkler head still attached to sprinkler system but covered with 6” of dirt.</p> </div> </div> <p style="margin-top: 20px; margin-left: 20px;">Southwest Corner</p>							
Remarks:							
QC Officer: Terry Farmer			Signature:				

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 31P	Grid Number: F20	Date: 1/16/06					
Start (Date/Time): 1-16/1510	Completion (Date/Time): 1-16/1525	Page 1 of 1					
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			<b>Quality Control Results</b>				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected	x		1	
			Passed Inspection:				
			Yes x No				
<p>Draw the approximate location(s) of above items where answered Yes</p> <div style="display: flex; align-items: flex-start; margin-top: 20px;"> <div style="border: 1px solid black; width: 300px; height: 200px; margin-right: 20px; display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;"> <p>X</p> <p>26</p> </div> </div> <div style="margin-top: 20px;"> <p>Notes:</p> <p>26- Channel 1: 20Mv, CHI 1.8            Intrusive team to re-visit.</p> </div> </div> <p style="margin-top: 20px;">Southwest Corner</p>							
Remarks: Random inspection of other anomalies with EM61 resulted in no positive contacts.							
QC Officer: Terry Farmer			Signature:				

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 31P	Grid Number: F20	Date: 1/19/06					
Start (Date/Time): 1-19/1100	Completion (Date/Time): 1-19/1110			Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II            Morrell UXO II            Gipson UXO II            Fields UXO II            Patton UXO II            English UXO Supervisor: Bruce McClain			<b>Quality Control Results</b>				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected		x		
			Passed Inspection:				
			x Yes				
			No				
Draw the approximate location(s) of above items where answered Yes							
<div style="border: 1px solid black; width: 300px; height: 200px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;"> <p>X</p> <p>26</p> </div> </div>			Notes:  26- Intrusive team removed an axe head.				
Southwest Corner							
Remarks:							
QC Officer: Terry Farmer			Signature:				

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 31P	Grid Number: F21	Date: 1/25/06					
Start (Date/Time): 1-18/1445	Completion (Date/Time): 1-25/1110			Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			Quality Control Results				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected	x		2	
			Passed Inspection:				
			Yes x No				
<p>Draw the approximate location(s) of above items where answered Yes</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="border: 1px solid black; width: 40%; height: 200px; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); text-align: center;"> <p>X 39</p> <p>X C8</p> </div> <p style="text-align: center; margin-top: 10px;">Southwest Corner</p> </div> <div style="width: 55%; padding-left: 20px;"> <p>Notes:</p> <p>C8- Channel 1: 12Mv, CHI 1.2 Intrusive team to re-visit.</p> <p>39- Channel 1: 10Mv, CHI 1.7 Intrusive team to re-visit.</p> </div> </div>							
Remarks: Random inspection of other anomalies with EM61 resulted in no positive contacts.							
QC Officer: Terry Farmer			Signature:				

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 31P	Grid Number: F21	Date: 1/26/06					
Start (Date/Time): 1-26/1220		Completion (Date/Time): 1-26/1230		Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			<b>Quality Control Results</b>				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected		x		
			Passed Inspection:				x    Yes
				No			
<p>Draw the approximate location(s) of above items where answered Yes</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="border: 1px solid black; width: 40%; height: 200px; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); text-align: center;">           X 39         </div> <div style="position: absolute; bottom: 50%; left: 50%; transform: translate(-50%, -50%); text-align: center;">           X C8         </div> </div> <div style="width: 55%; padding-left: 20px;"> <p>Notes:</p> <p>C8- Intrusive team removed an aluminum can.</p> <p>39- Intrusive team removed 2 nails.</p> </div> </div> <p style="margin-top: 20px;">Southwest Corner</p>							
Remarks:							
QC Officer: Terry Farmer			Signature:				

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 31P	Grid Number: G19	Date: 1/16/06					
Start (Date/Time): 1-16/1000	Completion (Date/Time): 1-16/1015	Page 1 of 1					
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			<b>Quality Control Results</b>				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected	x		2	
			Passed Inspection:				
			Yes				
			x    No				
Draw the approximate location(s) of above items where answered Yes							
<div style="border: 1px solid black; width: 300px; height: 200px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;"> <p>XX</p> <p>17 C5</p> </div> </div>			Notes:  17/C5: Channel 1-11Mv, CHI- 1.8. Intrusive team to re-visit.				
Southwest Corner							
Remarks: Random inspection of other anomalies with EM61 resulted in no positive contacts.							
QC Officer: Terry Farmer			Signature:				

<b>ZAPATAENGINEERING</b>		<b>QC Inspection Record</b>			
Work Area: Camp Croft 31P	Grid Number: G19	Date: 1/24/06			
Start (Date/Time): 1-24/0845	Completion (Date/Time): 1-24/0855	Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II            Morrell UXO II            Gipson UXO II            Fields UXO II            Patton UXO II            English UXO Supervisor: Bruce McClain		Quality Control Results			
		Item	Yes	No	Qty
		MEC Encountered		x	
		Anomalies Detected		x	
		Passed Inspection:			
		x Yes			
		No			
Draw the approximate location(s) of above items where answered Yes  <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="border: 1px solid black; width: 35%; height: 200px; margin: 10px 0;"> <div style="text-align: center; margin-top: 100px;">                     XX 17 C5                 </div> </div> <div style="width: 55%;"> <p>Notes:</p> <p>17/C5: Channel 1- 5 Mv non-repeatable</p> </div> </div> <p style="margin-top: 20px;">Southwest Corner</p>					
Remarks: Intrusive team found no contacts. Possible high background noise affected EM61 during initial inspection.					
QC Officer: Terry Farmer		Signature:			

<b>ZAPATAENGINEERING</b>		<b>QC Inspection Record</b>											
Work Area: Camp Croft 31P	Grid Number: G20	Date: 1/27/06											
Start (Date/Time): 1-16/0945	Completion (Date/Time): 1-25/1430	Page 1 of 1											
Personnel: Team 1 Position:        Name:        Hours: UXO II            Morrell UXO II            Gipson UXO II            Fields UXO II            Patton UXO II            English UXO Supervisor: Bruce McClain		Quality Control Results											
		Item	Yes	No	Qty								
		MEC Encountered		x									
		Anomalies Detected	x		5								
		Passed Inspection:											
		Yes											
		x    No											
Draw the approximate location(s) of above items where answered Yes													
<table style="border: 1px solid black; width: 100%; height: 150px; margin: auto;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%; text-align: center;">X 81</td> </tr> <tr> <td></td> <td style="text-align: center;">X 67</td> </tr> <tr> <td></td> <td style="text-align: center;">X 44</td> </tr> <tr> <td style="text-align: center;">X C11</td> <td></td> </tr> <tr> <td style="text-align: center;">X C9</td> <td></td> </tr> </table>			X 81		X 67		X 44	X C11		X C9		Notes: 44: Channel 1: 18Mv, CHI 1.8 Intrusive team to revisit.  67: Channel 1-13Mv, CHI- 4.8. Intrusive team to re-visit.  81: Channel 1- 40Mv, CHI 6.2 Intrusive team to re-visit.  C9 & C11: Pipe buried deeper than 24". No further investigation required.	
	X 81												
	X 67												
	X 44												
X C11													
X C9													
Southwest Corner													
Remarks: Random inspection of other anomalies with EM61 resulted in no positive contacts.													
QC Officer: Terry Farmer		Signature:											

<b>ZAPATAENGINEERING</b>		<b>QC Inspection Record</b>															
Work Area: Camp Croft 31P	Grid Number: G20	Date: 1/27/06															
Start (Date/Time): 1-27/1100	Completion (Date/Time): 1-27/1130	Page 1 of 1															
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain		Quality Control Results															
		Item	Yes	No	Qty												
		MEC Encountered		x													
		Anomalies Detected	x		1												
		Passed Inspection:															
		Yes															
		x    No															
Draw the approximate location(s) of above items where answered Yes																	
<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: auto;"> <table style="border-collapse: collapse;"> <tr> <td style="text-align: center; width: 50px;">X</td> <td style="text-align: center; width: 50px;">81</td> </tr> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;">67</td> </tr> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;">44</td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> </tr> <tr> <td style="text-align: center;">C11</td> <td></td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> </tr> <tr> <td style="text-align: center;">C9</td> <td></td> </tr> </table> </div>		X	81	X	67	X	44	X		C11		X		C9		Notes: 44: Intrusive team removed piece of scrap metal.  67: Channel 1-13Mv, CHI- 4.8. Resident returned within EZ before intrusive team could re-visit.  81: Intrusive team removed MK2 training grenade.  C9 & C11: Pipe buried deeper than 24". No further investigation required.	
X	81																
X	67																
X	44																
X																	
C11																	
X																	
C9																	
Southwest Corner																	
Remarks:																	
QC Officer: Terry Farmer		Signature:															

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 31P	Grid Number: G21	Date: 1/16/06					
Start (Date/Time): 1-16/0830	Completion (Date/Time): 1-16/0840			Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			<b>Quality Control Results</b>				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected	x		1	
			Passed Inspection:				
			Yes				
			x    No				
<p style="margin-left: 40px;">Draw the approximate location(s) of above items where answered Yes</p> <div style="display: flex; justify-content: space-between; align-items: flex-start; margin-top: 20px;"> <div style="width: 45%; border: 1px solid black; height: 200px; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em;">X</div> <div style="position: absolute; top: 60%; left: 50%; transform: translate(-50%, -50%); font-size: 1.5em;">C3</div> </div> <div style="width: 50%; padding-left: 20px;"> <p>Notes:</p> <p>C3: Channel 1-84Mv, CHI- 19. Intrusive team to re-visit.</p> </div> </div> <p style="margin-left: 40px; margin-top: 20px;">Southwest Corner</p>							
Remarks: Random inspection of other anomalies with EM61 resulted in no positive contacts.							
QC Officer: Terry Farmer			Signature:				

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 31P	Grid Number: G21	Date: 1/24/06					
Start (Date/Time): 1-24/1010		Completion (Date/Time): 1-24/1015		Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			Quality Control Results				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected		x		
			Passed Inspection:				
			x    Yes				
			No				
Draw the approximate location(s) of above items where answered Yes							
<div style="border: 1px solid black; width: 300px; height: 200px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <div style="text-align: center; margin: 0;"> <p>X</p> <p>C3</p> </div> </div>			Notes:  C3: Water pipe at 20". No further investigation required.				
Southwest Corner							
Remarks:							
QC Officer: Terry Farmer			Signature:				

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>			
Work Area: Camp Croft 32P		Grid Number: G22	Date: 1/27/06			
Start (Date/Time): 1-27/0830		Completion (Date/Time): 1-27/0840		Page 1 of 1		
Personnel: Team Position:            Name:            Hours:			Quality Control Results			
			Item	Yes	No	Qty
			MEC Encountered		x	
			Anomalies Detected		x	
			Passed Inspection:			
			x Yes No			
Draw the approximate location(s) of above items where answered Yes						
<div style="border: 1px solid black; width: 300px; height: 200px; margin: 0 auto;"></div> Southwest Corner			Notes:  There were no anomalies detected and/or selected in this partial grid.			
Remarks: Random inspection of grid with EM61 resulted in no positive contacts.						
QC Officer: Terry Farmer			Signature:			

<b>ZAPATAENGINEERING</b>		<b>QC Inspection Record</b>			
Work Area: Camp Croft 32P	Grid Number: H20	Date: 1/23/06			
Start (Date/Time): 1-19/1615	Completion (Date/Time): 1-23/1015	Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain		Quality Control Results			
		Item	Yes	No	Qty
		MEC Encountered		x	
		Anomalies Detected	x		2
		Passed Inspection:			
		Yes			
x    No					
<p>Draw the approximate location(s) of above items where answered Yes</p> <div style="display: flex; align-items: flex-start;"> <div style="border: 1px solid black; width: 300px; height: 200px; margin-right: 20px; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); text-align: center;"> <p>X C14</p> </div> <div style="position: absolute; bottom: 50%; left: 50%; transform: translate(-50%, 50%); text-align: center;"> <p>X 10</p> </div> </div> <div style="flex: 1;"> <p>Notes:</p> <p>10: Channel 1: 38Mv, CHI: 3.2, 24” from flag. Intrusive team to re-visit.</p> <p>C14: Channel 1: 60Mv, CHI: 12. Intrusive team to revisit.</p> </div> </div> <p>Southwest Corner</p>					
Remarks: Random inspection of other anomalies with EM61 resulted in no positive contacts.					
QC Officer: Terry Farmer		Signature:			

<b>ZAPATAENGINEERING</b>		<b>QC Inspection Record</b>			
Work Area: Camp Croft 32P	Grid Number: H20	Date: 1/24/06			
Start (Date/Time): 1-24/1015	Completion (Date/Time): 1-24/1030	Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II            Morrell UXO II            Gipson UXO II            Fields UXO II            Patton UXO II            English UXO Supervisor: Bruce McClain		Quality Control Results			
		Item	Yes	No	Qty
		MEC Encountered		x	
		Anomalies Detected		x	
		Passed Inspection:			
		x	Yes		
		No			
Draw the approximate location(s) of above items where answered Yes					
<div style="border: 1px solid black; width: 300px; height: 200px; margin: 0 auto; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); text-align: center;">                     X C14                 </div> <div style="position: absolute; bottom: 50%; left: 50%; transform: translate(-50%, 50%); text-align: center;">                     X 10                 </div> </div>		Notes:  10: Intrusive team removed wire.  C14: Intrusive team removed 2 MK2 training grenades.			
Southwest Corner					
Remarks:					
QC Officer: Terry Farmer		Signature:			

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 31P	Grid Number: H21	Date: 1/25/06					
Start (Date/Time): 1-16/0900		Completion (Date/Time): 1-23/0945		Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			Quality Control Results				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected	x		2	
			Passed Inspection:				
Yes							
x No							
<p>Draw the approximate location(s) of above items where answered Yes</p> <div style="display: flex; justify-content: space-between; align-items: flex-start; margin-top: 20px;"> <div style="border: 1px solid black; width: 35%; height: 250px; position: relative;"> <div style="position: absolute; top: 10%; left: 20%; text-align: center;">X 63</div> <div style="position: absolute; bottom: 10%; left: 20%; text-align: center;">X C10</div> </div> <div style="width: 60%; padding-left: 20px;"> <p>Notes:</p> <p>63- Channel 1: 34Mv, CHI 2.4 Intrusive team to re-visit.</p> <p>C10- Channel 1: 1600MV. Intrusive team re-visited and dug down to a pipeline.</p> </div> </div> <p style="margin-top: 20px;">Southwest Corner</p>							
Remarks: Random inspection of other anomalies with EM61 resulted in no positive contacts.							
QC Officer: Terry Farmer			Signature:				



<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 31P	Grid Number: I20	Date: 1/23/06					
Start (Date/Time): 1-23/0900	Completion (Date/Time): 1-23/0915	Page 1 of 1					
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			Quality Control Results				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected	x		1	
			Passed Inspection:				
			Yes				
			x No				
Draw the approximate location(s) of above items where answered Yes							
<div style="border: 1px solid black; width: 100%; height: 150px; margin-bottom: 5px;"></div> <div style="text-align: right; padding-right: 20px;">             X C3           </div> <p style="text-align: center;">Southwest Corner</p>			Notes:  C3- Channel 1: 73Mv, CHI 10.8 Intrusive team to re-visit.				
Remarks: Random inspection of other anomalies with EM61 resulted in no positive contacts.							
QC Officer: Terry Farmer			Signature:				

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 31P	Grid Number: I21	Date: 1/23/06					
Start (Date/Time): 1-16/0900		Completion (Date/Time): 1-23/0915		Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II            Morrell UXO II            Gipson UXO II            Fields UXO II            Patton UXO II            English UXO Supervisor: Bruce McClain			Quality Control Results				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected	x		2	
			Passed Inspection:				
			Yes x No				
Draw the approximate location(s) of above items where answered Yes							
<div style="border: 1px solid black; width: 100%; height: 150px; position: relative;"> <div style="position: absolute; top: 10%; right: 10%; text-align: center;">           X 74         </div> <div style="position: absolute; bottom: 10%; left: 10%; text-align: center;">           X 43         </div> </div> <p style="text-align: center; margin-top: 10px;">Southwest Corner</p>			Notes:  43- Channel 1: 12Mv, CHI 1.1 Intrusive team to re-visit.  74- Channel 1: 7MV, CHI 2.7 Intrusive team to re-visit.				
Remarks: Random inspection of other anomalies with EM61 resulted in no positive contacts.							
QC Officer: Terry Farmer			Signature:				

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>			
Work Area: Camp Croft 31P	Grid Number: I21	Date: 1/24/06				
Start (Date/Time): 1-24/0900		Completion (Date/Time): 1-24/0915		Page 1 of 1		
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			Quality Control Results			
			Item	Yes	No	Qty
			MEC Encountered		x	
			Anomalies Detected		x	
			Passed Inspection:			
			x Yes			
			No			
Draw the approximate location(s) of above items where answered Yes						
<div style="border: 1px solid black; width: 300px; height: 200px; margin: 10px auto; position: relative;"> <div style="position: absolute; top: 10px; right: 10px;">X 74</div> <div style="position: absolute; bottom: 10px; left: 10px;">X 43</div> </div>			Notes:			
			43- Intrusive team removed piece of steel.			
			74- Intrusive team removed 5 additional nails scattered around flag.			
Southwest Corner						
Remarks:						
QC Officer: Terry Farmer			Signature:			

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 32P	Grid Number: I22	Date: 1/19/06					
Start (Date/Time): 1-16/1615	Completion (Date/Time): 1-19/0900			Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			Quality Control Results				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected		x		
			Passed Inspection:				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<p>Draw the approximate location(s) of above items where answered Yes</p> <div style="display: flex; align-items: flex-start; margin-top: 20px;"> <div style="border: 1px solid black; width: 350px; height: 250px; margin-right: 20px;"></div> <div style="margin-top: 20px;">Notes:</div> </div> <p style="margin-top: 20px;">Southwest Corner</p>							
Remarks: Random inspection of anomalies with EM61 resulted in no positive contacts.							
QC Officer: Terry Farmer			Signature:				

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>			
Work Area: Camp Croft 33P	Grid Number: J20	Date: 1/16/06				
Start (Date/Time): 1-16/0840		Completion (Date/Time): 1-16/1030		Page 1 of 1		
Personnel: Team 1 Position:        Name:        Hours: UXO II            Morrell UXO II            Gipson UXO II            Fields UXO II            Patton UXO II            English UXO Supervisor: Bruce McClain			Quality Control Results			
			Item	Yes	No	Qty
			MEC Encountered		x	
			Anomalies Detected	x		4
			Passed Inspection:			
			Yes			
			x No			
Draw the approximate location(s) of above items where answered Yes						
<div style="border: 1px solid black; width: 300px; height: 250px; margin: 0 auto; position: relative;"> <div style="position: absolute; top: 10%; left: 40%; text-align: center;">X 33/C11</div> <div style="position: absolute; top: 60%; left: 35%; text-align: center;">X C7</div> <div style="position: absolute; top: 70%; left: 45%; text-align: center;">X C4</div> <div style="position: absolute; bottom: 10%; left: 35%; text-align: center;">X 3/C2</div> </div> <p style="text-align: center; margin-top: 10px;">Southwest Corner</p>			Notes:  3/C2- Channel 1 24Mv, CHI 1.9. Intrusive team to re-visit.  33/C11- Channel 1 60Mv, CHI 5.6. Intrusive team to re-visit.  C4- Channel 1 233Mv, CHI 20. Intrusive team to re-visit.  C7- Channel 1 12Mv, CHI 1. Intrusive team to re-visit.			
Remarks: Random inspection of other anomalies with EM61 resulted in no positive contacts.						
QC Officer: Terry Farmer			Signature:			

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>			
Work Area: Camp Croft 33P	Grid Number: J20	Date: 1/19/06				
Start (Date/Time): 1-19/1230	Completion (Date/Time): 1-19/1300	Page 1 of 1				
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			Quality Control Results			
			Item	Yes	No	Qty
			MEC Encountered		x	
			Anomalies Detected		x	
			Passed Inspection:			
			x Yes			
			No			
Draw the approximate location(s) of above items where answered Yes						
<div style="border: 1px solid black; width: 300px; height: 200px; margin: 0 auto; position: relative;"> <div style="position: absolute; top: 10%; left: 40%; text-align: center;">X 33/C11</div> <div style="position: absolute; top: 60%; left: 35%; text-align: center;">X C7</div> <div style="position: absolute; top: 70%; left: 45%; text-align: center;">X C4</div> <div style="position: absolute; bottom: 10%; left: 35%; text-align: center;">X 3/C2</div> </div> <p style="text-align: center; margin-top: 10px;">Southwest Corner</p>			Notes:  3/C2- Intrusive team removed barbed wire.  33/C11- Intrusive team removed wire.  C4- Intrusive team removed horse shoe.  C7- Intrusive team removed MK2 training grenade.			
Remarks:						
QC Officer: Terry Farmer			Signature:			

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 33P	Grid Number: J21	Date: 1/25/06					
Start (Date/Time): 1-16/0840		Completion (Date/Time): 1-25/1330		Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			Quality Control Results				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected	x		2	
			Passed Inspection:				
			Yes x No				
Draw the approximate location(s) of above items where answered Yes							
<div style="border: 1px solid black; width: 350px; height: 250px; margin: 0 auto; position: relative;"> <div style="position: absolute; top: 10%; left: 10%; text-align: center;">           X 38         </div> <div style="position: absolute; top: 65%; left: 10%; text-align: center;">           X C11         </div> <div style="position: absolute; top: 85%; left: 45%; text-align: center;">           X C5         </div> </div> <p style="text-align: center; margin-top: 10px;">Southwest Corner</p>			Notes:  38- Channel 1 9Mv, CHI 3.8. Intrusive team to re-visit.  C11- Channel 1 20Mv, CHI 7.2. Large piece of sheet metal at bottom of 30” hole. No further investigation.  C5- Channel 1 37Mv, CHI 4.8. Intrusive team to re-visit.				
Remarks: Random inspection of other anomalies with EM61 resulted in no positive contacts.							
QC Officer: Terry Farmer			Signature:				

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>			
Work Area: Camp Croft 33P	Grid Number: J22	Date: 1/19/06				
Start (Date/Time): 1-16/0840	Completion (Date/Time): 1-19/1230	Page 1 of 1				
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			<b>Quality Control Results</b>			
			Item	Yes	No	Qty
			MEC Encountered		x	
			Anomalies Detected	x		1
			Passed Inspection: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<p>Draw the approximate location(s) of above items where answered Yes</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="border: 1px solid black; width: 35%; height: 250px; margin: 10px 0; display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;"> <p>X QA-30</p> </div> </div> <div style="width: 60%;"> <p>Notes:</p> <p>QA-30: Under paved cart path. No further investigation.</p> </div> </div> <p style="margin-top: 20px;">Southwest Corner</p>						
Remarks: Random inspection of other anomalies with EM61 resulted in no positive contacts.						
QC Officer: Terry Farmer			Signature:			

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 33P	Grid Number: K20	Date: 1/23/06					
Start (Date/Time): 1-23/0830	Completion (Date/Time): 1-/0840		Page 1 of 1				
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			Quality Control Results				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected		x		
			Passed Inspection:				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<p style="margin-left: 40px;">Draw the approximate location(s) of above items where answered Yes</p> <div style="display: flex; align-items: flex-start; margin-top: 20px;"> <div style="border: 1px solid black; width: 350px; height: 250px; margin-right: 20px;"></div> <div style="margin-top: 20px;">Notes:</div> </div> <p style="margin-left: 40px; margin-top: 20px;">Southwest Corner</p>							
Remarks: Random inspection of anomalies with EM61 resulted in no positive contacts.							
QC Officer: Terry Farmer			Signature:				

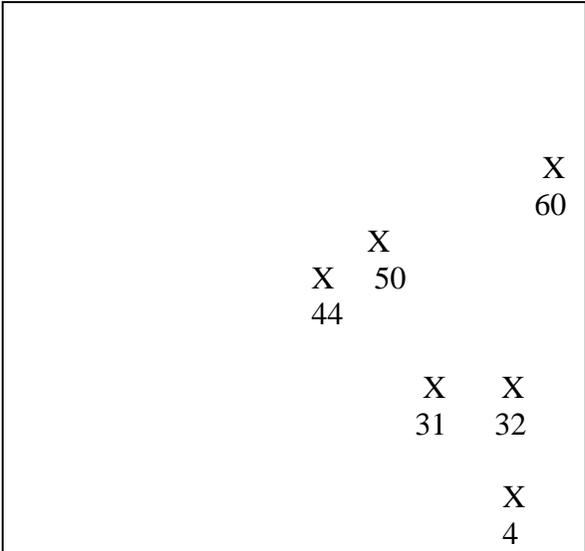
<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 33P	Grid Number: K21	Date: 1/16/06					
Start (Date/Time): 1-16/1450	Completion (Date/Time): 1-16/1630	Page 1 of 1					
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			Quality Control Results				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected	x		1	
			Passed Inspection:				x Yes No
<p>Draw the approximate location(s) of above items where answered Yes</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="border: 1px solid black; width: 35%; height: 200px; margin-bottom: 10px;"> <div style="position: absolute; bottom: 10px; right: 10px; text-align: center;">           C2 X         </div> </div> <div style="width: 60%;"> <p>Notes:</p> <p>C2- Large metal stake left in place.</p> </div> </div> <p style="margin-top: 10px;">Southwest Corner</p>							
Remarks: Random inspection of other anomalies with EM61 resulted in no positive contacts.							
QC Officer: Terry Farmer			Signature:				

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 35P2	Grid Number: P20	Date: 1/18/06					
Start (Date/Time): 1-18/1230	Completion (Date/Time): 1-18/1300	Page 1 of 1					
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			Quality Control Results				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected	x		1	
			Passed Inspection:				
			Yes				
			x No				
Draw the approximate location(s) of above items where answered Yes							
<div style="border: 1px solid black; width: 350px; height: 250px; margin: 0 auto; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em;">X</div> <div style="position: absolute; top: 55%; left: 50%; transform: translate(-50%, -50%); font-size: 2em;">5</div> </div> <p style="text-align: center; margin-top: 10px;">Southwest Corner</p>			Notes:  5- Channel 1: 20Mv, CHI: 2.3. Intrusive team to re-visit				
Remarks: Random inspection of other anomalies with EM61 resulted in no positive contacts.							
QC Officer: Terry Farmer			Signature:				

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 35P2	Grid Number: P20	Date: 1/24/06					
Start (Date/Time): 1-24/1030	Completion (Date/Time): 1-24/1040			Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II            Morrell UXO II            Gipson UXO II            Fields UXO II            Patton UXO II            English UXO Supervisor: Bruce McClain			Quality Control Results				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected		x		
			Passed Inspection:				
			x	Yes			
				No			
Draw the approximate location(s) of above items where answered Yes							
<div style="border: 1px solid black; width: 300px; height: 200px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <div style="text-align: right; padding-right: 10px;">X 5</div> </div>			Notes:  5- Intrusive team removed 6” metal spike.				
Southwest Corner							
Remarks:							
QC Officer: Terry Farmer			Signature:				

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 35P2	Grid Number: P21	Date: 1/18/06					
Start (Date/Time): 1-18/1300	Completion (Date/Time): 1-18/1320			Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II            Morrell UXO II            Gipson UXO II            Fields UXO II            Patton UXO II            English UXO Supervisor: Bruce McClain			Quality Control Results				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected	x		2	
			Passed Inspection:				
			Yes x No				
Draw the approximate location(s) of above items where answered Yes							
<div style="border: 1px solid black; width: 300px; height: 200px; margin: 0 auto; display: flex; flex-direction: column; align-items: center; justify-content: center;"> <div style="margin-bottom: 10px;">X</div> <div style="margin-bottom: 10px;">69</div> <div style="margin-bottom: 10px;">X</div> <div style="margin-bottom: 10px;">62</div> </div>			Notes:  62/69- Channel 1: 13Mv, CHI: 1.4. Between flags. Intrusive team to re-visit				
Southwest Corner							
Remarks: Random inspection of other anomalies with EM61 resulted in no positive contacts.							
QC Officer: Terry Farmer			Signature:				

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 35P2	Grid Number: P21	Date: 1/24/06					
Start (Date/Time): 1-24/1100	Completion (Date/Time): 1-24/1120			Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			Quality Control Results				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected		x		
			Passed Inspection:				
			x    Yes No				
Draw the approximate location(s) of above items where answered Yes							
<div style="border: 1px solid black; width: 300px; height: 200px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <div style="text-align: left; padding: 10px;">               X                69                X                62             </div> </div>			Notes:  62/69- Intrusive team removed a nail 19” from 69, 22” from 62.				
<div style="text-align: center; margin-top: 10px;">Southwest Corner</div>							
Remarks:							
QC Officer: Terry Farmer			Signature:				

<b>ZAPATAENGINEERING</b>		<b>QC Inspection Record</b>			
Work Area: Camp Croft 35P2	Grid Number: R20	Date: 1/18/06			
Start (Date/Time): 1-17/1230	Completion (Date/Time): 1-18/1340	Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain		Quality Control Results			
		Item	Yes	No	Qty
		MEC Encountered		x	
		Anomalies Detected	x		6
		Passed Inspection:			
		Yes			
		x No			
Draw the approximate location(s) of above items where answered Yes					
		Notes: 4- Channel 1: 8Mv, CHI: .07. Intrusive team to re-visit 31- Channel 1: 15Mv, CHI: 1.5. Intrusive team to re-visit 32- Channel 1: 14Mv, CHI: 2.5. Intrusive team to re-visit 44- Channel 1: 13Mv, CHI: .8. Intrusive team to re-visit 50- Channel 1: 29Mv, CHI:3.4. Intrusive team to re-visit 60- Channel 1: 12Mv, CHI: 1.4. Intrusive team to re-visit			
Southwest Corner		X 60  X 50 44  X    X 31   32  X 4			
Remarks: Random inspection of other anomalies with EM61 resulted in no positive contacts.					
QC Officer: Terry Farmer		Signature: 			

<b>ZAPATAENGINEERING</b>		<b>QC Inspection Record</b>			
Work Area: Camp Croft 35P2	Grid Number: R20	Date: 1/24/06			
Start (Date/Time): 1-24/1045	Completion (Date/Time): 1-24/1200	Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II            Morrell UXO II            Gipson UXO II            Fields UXO II            Patton UXO II            English UXO Supervisor: Bruce McClain		Quality Control Results			
		Item	Yes	No	Qty
		MEC Encountered		x	
		Anomalies Detected		x	
		Passed Inspection:			
		x Yes			
No					
Draw the approximate location(s) of above items where answered Yes					
		Notes: 4- Intrusive team dug to 24” with no contact. Mv reading diminished. 31- Intrusive team removed a nail. 32- Intrusive team dug to 24”, chased hot rock beyond 18” radius of flag. No contact. Mv reading decreased significantly. 44- Intrusive team removed nail. 50- Intrusive team removed wire and a nail. 60- Intrusive team removed a nail.			
Southwest Corner					
Remarks:					
QC Officer: Terry Farmer		Signature:			

<b>ZAPATAENGINEERING</b>			<b>QC Inspection Record</b>				
Work Area: Camp Croft 35P2	Grid Number: R21	Date: 1/18/06					
Start (Date/Time): 1-17/1320	Completion (Date/Time): 1-18/1300			Page 1 of 1			
Personnel: Team 1 Position:        Name:        Hours: UXO II        Morrell UXO II        Gipson UXO II        Fields UXO II        Patton UXO II        English UXO Supervisor: Bruce McClain			Quality Control Results				
			Item	Yes	No	Qty	
			MEC Encountered		x		
			Anomalies Detected		x		
			Passed Inspection:				
			x Yes				
			No				
Draw the approximate location(s) of above items where answered Yes							
<div style="border: 1px solid black; width: 300px; height: 200px; margin: 0 auto;"></div> <p style="text-align: center;">Southwest Corner</p>			Notes:				
Remarks: Random inspection of anomalies with EM61 resulted in no positive contacts.							
QC Officer: Terry Farmer			Signature:				

**APPENDIX F2**  
**QA INSPECTION FORMS (USAESCH FORM 948)**  
(Pending)

**APPENDIX F3  
QC GEOPHYSICAL DATA**

**DGM QUALITY CONTROL PROCEDURES, TEST AND METRIC SUMMARIES**

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: GPO**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3 mph	2.83 mph	Y	2 lines analyzed (average value listed)	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have not obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be places along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	No nails placed	na			
3	Across-Track Data Gaps	On-site QC to observe data collection	On site QC to observe data collection a minimum of three times a day	No observed deviation grater than +/- .25 meter.	Observed in field	Y	Observed lines 0-33 and 82.5-84.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be places along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	No nails placed	na			
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of 20% of gaps in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location					
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.5 mV	3.015	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.115	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.53	Y		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	3.615	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: C17**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	2.1 mph	Y	2 lines analyzed (average value listed)	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 2 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 83.5-89.5 and 79-83.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	1 line evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	2.55	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.16	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	2.01	N		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	5.46	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: C18**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	2.9 mph	Y	4 lines analyzed (average value listed)	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 4 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 6, 21-27, 69-76.5, and 78-85.5.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	No gaps	NA		10/13/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	2.07	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.13	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.575	Y		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	2.355	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: D17**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	2.9 mph	Y	1 line analyzed	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 2 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 83.5-89.5 and 79-83.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	4 obstructions evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	3	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.205	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	2.01	N		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	6.555	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: D18**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	3.2 mph	Y	3 lines analyzed (average value listed)	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	N	The location of 4 nails were analyzed - one nail located at .76m	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 6, 21-27, 69-76.5, and 78-85.5.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	1 line evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	2.91	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.49	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.905	N		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	3.39	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: E20**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	3.3 mph	Y	3 lines analyzed (average value listed)	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 3 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 0, 22.5-28.5, and 45.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	No gaps	NA		10/13/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	3.225	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.37	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	2.205	N		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	3.24	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: E21**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	2.8 mph	Y	2 lines analyzed (average value listed)	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y	Possible missing data near southern corner was verified by naeva	10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 2 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 0-6, 22.5, and 75.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location		NA		10/13/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	3.12	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.76	N		10/17/05	mw
				CH 3 < or = 1.75 mV	1.875	N		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	4.41	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: F18**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	2.0 mph	Y	1 line analyzed	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 1 nail was analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	NA		10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	2 obstructions evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	9.705	N		10/17/05	mw
				CH 2 < or = 2.75 mV	6.465	N		10/17/05	mw
				CH 3 < or = 1.75 mV	4.29	N		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	32.445	N		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: F19**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	2.1 mph	Y	2 lines analyzed (average value listed)	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 3 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 46.5-48 and 84-88.5.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	8 obstructions evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	2.145	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	1.515	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.38	Y		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	4.365	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: F20**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	3.2 mph	Y	4 lines analyzed (average value listed)	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 4 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 0, 22.5-28.5, and 45.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	2 obstructions evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	2.52	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.19	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.845	N		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	2.625	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: F21**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	3.1 mph	Y	2 lines analyzed (average value listed)	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 4 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 0-6, 22.5, and 75.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	5 obstructions evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	2.58	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.175	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.755	Y		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	5.07	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: G19**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	2.0 mph	Y	2 lines analyzed (average value listed)	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 1 nail was analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 46.5-48.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	1 line evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	2.325	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	1.83	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.185	Y		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	4.95	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: G20**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	2.9 mph	Y	2 lines analyzed (average value listed)	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 4 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 0, 22.5-28.5, and 45.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	7 obstructions evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	2.52	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.28	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	2.04	N		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	2.925	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: G21**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	3.0 mph	Y	2 lines analyzed (average value listed)	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 2 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 0-6, 22.5, and 75.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	2 obstructions evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	2.055	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	1.8	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.41	Y		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	2.49	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: H20**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	Determined by GPO	2.6 mph	Y	2 lines analyzed (average value listed)	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 2 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 47.5-50.5 and 95.5-100.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	5 obstructions evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	4.515	N		10/17/05	mw
				CH 2 < or = 2.75 mV	3.225	N		10/17/05	mw
				CH 3 < or = 1.75 mV	2.49	N		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	7.77	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: H21**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	2.7 mph	Y	1 line analyzed	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 3 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 4.5-9 and 93-96.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	10 obstructions evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	2.73	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.715	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.995	N		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	4.77	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: H22**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	3.5 mph	Y	2 lines analyzed (average value listed)	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 4 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 1.5-9 and 42-46.5.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	No gaps	NA		10/13/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	2.34	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.085	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.695	Y		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	4.965	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: I20**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	2.3 mph	Y	1 line analyzed	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 2 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 47.5-50.5 and 95.5-100.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	3 obstructions evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	3.255	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.205	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.59	Y		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	3.12	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: I21**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	3.2 mph	Y	1 line analyzed	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 4 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 4.5-9 and 93-96.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	10 obstructions evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	2.28	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.235	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.8	N		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	3.165	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: I22**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	3.5 mph	Y	3 lines analyzed (average value listed)	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	N	The location of 4 nails were analyzed - one nail located at .61m	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 1.5-9 and 42-46.5.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	No gaps	NA		10/13/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	2.07	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	1.95	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.605	Y		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	4.635	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: J20**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	2.4 mph	Y	1 line analyzed	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 2 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 80.5-85.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	3 obstructions evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	3.18	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.505	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.905	N		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	4.98	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: J21**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	2.8 mph	Y	1 line analyzed	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 3 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 40.5-43.5.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground			10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	13 obstructions evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	2.31	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.265	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.905	N		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	3.525	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: J22**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	3.4 mph	Y	3 lines analyzed (average value listed)	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 4 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 6, 7.5, 25.5, 28.5, 43.5-45, 72-75, 91.5-99. Line 6 was repeated due to deviation.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	4 obstructions evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	2.61	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.43	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.905	N		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	3.375	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: K20**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	3.1 mph	Y	1 line analyzed	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 1 nail was analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 80.5-85.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	No gaps	NA		10/13/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	2.13	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	1.98	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.545	Y		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	4.59	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: K21**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	3.3 mph	Y	3 lines analyzed (average value listed)	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y	possible line of data missing on eastern side was verified by Naeva	10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 3 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 40.5-43.5.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	1 line evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	2.73	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.445	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.935	N		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	4.335	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: P20**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	2.3 mph	Y	2 lines analyzed (average value listed)	10/14/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 2 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 94.5-99.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of 20% of gaps in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	2 obstructions evaluated	10/15/05	
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	3.075	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.73	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	2.445	N		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	5.28	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: P21**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	2.3 mph	Y	2 lines analyzed (average value listed)	10/14/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 4 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 40.5-42.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	7 obstructions evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	2.52	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.46	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.995	N		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	6.27	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: R20**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	3.0 mph	Y	1 line analyzed	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 3 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 94.5-99.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	6 obstructions evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	2.355	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.085	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.695	Y		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	3.075	Y		10/17/05	mw

**ZAPATA ENGINEERING**  
DGM Quality Control Procedures, Test, and Metric Summary

**Site: Camp Croft (Phase II)**  
**Grid: R21**  
**Prepared By: M. Williams**  
**Date: 101305**

Item	Definable Feature of Work	QC Test or Procedure	Testing Frequency	Metric	QC Results or Actions	Pass QC (Y/N)	Comments	Date	QC Performed By
1	Survey Speed	Calculate Speed Along Survey Lines	5% of unobstructed lines in every grid	3.5 mph	2.4 mph	Y	1 line analyzed	10/13/05	mw
2	Data Coverage and Fiducial Processing	Plot locations of all data points on the map of data set	Every grid of dataset	Symbol plots showing the locations of all measurements points have no obvious error in data positioning.	Plotted	Y		10/13/05	mw
		Place blind QC nails along survey lines	Blind QC nails will be placed along 5% of the lines in a grid	Anomalies associated with blind QC nails are no more than 0.5 meters from their actual location	Placed nail(s) in ground	Y	The location of 3 nails were analyzed	10/31/05	mw
3	Across-Track Data Gaps	On-site QC to observe data collection	On-site QC to observe data collection a minimum of three times a day	No observed deviation greater than +/- .25 meter.	Observed in field	Y	Observed lines 40.5-42.	10/13/05	mw
		Place blind QC nails along survey lines (same nails from Item #2)	Blind QC nails will be placed along 5% of the lines in a grid	No anomalies observed on lines outside the detection radius of the QC nails	Placed nail(s) in ground	Y		10/31/05	mw
4	Along Track Data Gaps	On-site QC to measure actual location of data gaps associated with known obstruction	On-site QC will measure actual location of gaps in 20% of obstructed lines in a 30mx30m grid	Gaps are shown in data maps within +/- 0.5 meter of their actual location	Calculated	Y	6 obstructions evaluated	10/15/05	mw
5	Background Noise	Calculate statistical of background measurements	Every grid or data set	CH1 < or = 3.50 mV	2.445	Y		10/17/05	mw
				CH 2 < or = 2.75 mV	2.265	Y		10/17/05	mw
				CH 3 < or = 1.75 mV	1.815	N		10/17/05	mw
				Sum of Channels 1, 2, 3 < or = 8 mV	5.595	Y		10/17/05	mw

## **VELOCITY ANALYSIS**

**ZAPATAENGINEERING**  
**Velocity Analysis**  
**Site: Camp Croft (Phase II)**

<b>Grid:</b>	GPO						
<b>Number of unobstructed lines:</b>	27						
<b>5% of lines:</b>	1.35						
Line	Start Time	Stop Time	Delta Time (sec)	Distance (m)	Distance (ft)	Velocity (ft/sec)	Velocity (mph)
3	11:34:43	11:34:57	14	21.30	69.86	4.99	3.45
13.5	11:28:41	11:28:55	15	21.30	69.86	4.66	3.22
22.5	11:32:26	11:32:40	14	21.30	69.86	4.99	3.45
24	11:32:58	11:33:13	15	21.30	69.86	4.66	3.22
28.5	11:23:19	11:23:41	22	21.30	69.86	3.18	2.20
<b>Average Velocity (mph)</b>							3.11

<b>Grid:</b>	C17						
<b>Number of unobstructed lines:</b>	29						
<b>5% of lines:</b>	1.45						
Line	Start Time	Stop Time	Delta Time (sec)	Distance (m)	Distance (ft)	Velocity (ft/sec)	Velocity (mph)
63	8:14:43	8:14:44	01	1.04	3.41	3.41	2.36
91	8:52:26	8:52:35	09	7.34	24.08	2.68	1.85
<b>Average Velocity (mph)</b>							2.11

<b>Grid:</b>	C18						
<b>Number of unobstructed lines:</b>	68						
<b>5% of lines:</b>	3.4						
Line	Start Time	Stop Time	Delta Time (sec)	Distance (m)	Distance (ft)	Velocity (ft/sec)	Velocity (mph)
0	11:44:31	11:44:39	08	9.30	30.50	3.81	2.64
73.5	10:58:12	10:58:33	20	25.60	83.97	4.20	2.91
97.5	11:34:00	11:34:23	23	30.50	100.04	4.35	3.01
99	11:34:42	11:35:06	24	30.50	100.04	4.17	2.89
<b>Average Velocity (mph)</b>							2.86

**ZAPATAENGINEERING**  
**Velocity Analysis**  
**Site: Camp Croft (Phase II)**

<b>Grid:</b>		D17					
<b>Number of unobstructed lines:</b>		19					
<b>5% of lines:</b>		0.95					
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
87	8:46:38	8:46:54	15	18.90	61.99	4.13	2.86
<b>Average Velocity (mph)</b>							2.86

<b>Grid:</b>		D18					
<b>Number of unobstructed lines:</b>		56					
<b>5% of lines:</b>		2.8					
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
67.5	10:38:54	10:39:10	16	22.60	74.13	4.63	3.21
73.5	10:57:57	10:58:12	15	21.50	70.52	4.70	3.25
99	11:35:06	11:35:18	12	16.87	55.33	4.61	3.19
<b>Average Velocity (mph)</b>							3.22

<b>Grid:</b>		E20					
<b>Number of unobstructed lines:</b>		50					
<b>5% of lines:</b>		2.5					
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
39	16:22:24	16:22:26	02	2.40	7.87	3.94	2.72
54	16:49:30	16:49:33	03	5.15	16.89	5.63	3.90
81	17:23:23	17:23:30	07	9.84	32.28	4.61	3.19
<b>Average Velocity (mph)</b>							3.27

<b>Grid:</b>		E21					
<b>Number of unobstructed lines:</b>		32					
<b>5% of lines:</b>		1.6					
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
0	9:23:57	9:24:08	11	13.36	43.82	3.98	2.76
37.5	10:22:19	10:22:24	06	7.60	24.93	4.15	2.88
<b>Average Velocity (mph)</b>							2.82

**ZAPATAENGINEERING**  
**Velocity Analysis**  
**Site: Camp Croft (Phase II)**

<b>Grid:</b>		F18					
<b>Number of unobstructed lines:</b>		2					
<b>5% of lines:</b>		0.1					
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
91	9:00:36	9:00:38	01	0.87	2.85	2.85	1.98
<b>Average Velocity (mph)</b>							1.98

<b>Grid:</b>		F20					
<b>Number of unobstructed lines:</b>		62					
<b>5% of lines:</b>		3.1					
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
16.5	15:51:26	15:51:54	29	30.48	99.97	3.45	2.39
49.5	16:43:42	16:44:02	20	30.48	99.97	5.00	3.46
88.5	17:29:39	17:30:00	20	30.48	99.97	5.00	3.46
88.5	17:36:26	17:36:46	20	30.48	99.97	5.00	3.46
<b>Average Velocity (mph)</b>							3.19

<b>Grid:</b>		F21					
<b>Number of unobstructed lines:</b>		33					
<b>5% of lines:</b>		1.65					
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
0	9:24:08	9:24:31	23	30.47	99.94	4.35	3.01
7.5	9:32:50	9:33:12	22	30.47	99.94	4.54	3.15
<b>Average Velocity (mph)</b>							3.08

<b>Grid:</b>		G19					
<b>Number of unobstructed lines:</b>		26					
<b>5% of lines:</b>		1.3					
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
16.5	8:41:13	8:41:15	02	2.00	6.56	3.28	2.27
45	8:24:42	8:24:55	13	10.18	33.39	2.57	1.78
<b>Average Velocity (mph)</b>							2.02

**ZAPATAENGINEERING**  
**Velocity Analysis**  
**Site: Camp Croft (Phase II)**

<b>Grid:</b>	G20						
<b>Number of unobstructed lines:</b>	32						
<b>5% of lines:</b>	1.6						
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
25.5	16:01:55	16:02:22	27	30.48	99.97	3.70	2.56
82.5	17:24:27	17:24:48	22	30.48	99.97	4.54	3.15
<b>Average Velocity (mph)</b>							2.85

<b>Grid:</b>	G21						
<b>Number of unobstructed lines:</b>	21						
<b>5% of lines:</b>	1.05						
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
0	9:24:31	9:24:55	24	30.48	99.97	4.17	2.88
3	9:28:54	9:29:17	23	30.48	99.97	4.35	3.01
<b>Average Velocity (mph)</b>							2.95

<b>Grid:</b>	H20						
<b>Number of unobstructed lines:</b>	30						
<b>5% of lines:</b>	1.5						
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
97	9:06:45	9:07:07	22	30.48	99.97	4.54	3.15
98.5	9:05:28	9:06:02	34	30.48	99.97	2.94	2.04
<b>Average Velocity (mph)</b>							2.59

<b>Grid:</b>	H21						
<b>Number of unobstructed lines:</b>	15						
<b>5% of lines:</b>	0.75						
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
27	14:46:22	14:46:48	26	30.48	99.97	3.85	2.66
<b>Average Velocity (mph)</b>							2.66

**ZAPATAENGINEERING**  
**Velocity Analysis**  
**Site: Camp Croft (Phase II)**

<b>Grid:</b>	H22						
<b>Number of unobstructed lines:</b>	37						
<b>5% of lines:</b>	1.85						
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
1.5	11:04:11	11:04:31	21	30.48	99.97	4.76	3.30
3	11:05:03	11:05:22	19	30.48	99.97	5.26	3.64
<b>Average Velocity (mph)</b>							3.47

<b>Grid:</b>	I20						
<b>Number of unobstructed lines:</b>	18						
<b>5% of lines:</b>	0.9						
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
80.5	9:27:05	9:27:35	30	30.48	99.97	3.33	2.31
<b>Average Velocity (mph)</b>							2.31

<b>Grid:</b>	I21						
<b>Number of unobstructed lines:</b>	18						
<b>5% of lines:</b>	0.9						
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
96	16:37:14	16:37:36	22	30.48	99.97	4.54	3.15
<b>Average Velocity (mph)</b>							3.15

<b>Grid:</b>	I22						
<b>Number of unobstructed lines:</b>	58						
<b>5% of lines:</b>	2.9						
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
0	11:02:08	11:02:28	20	30.48	99.97	5.00	3.46
6	11:08:30	11:08:49	19	30.48	99.97	5.26	3.64
15	11:16:42	11:17:02	20	30.48	99.97	5.00	3.46
<b>Average Velocity (mph)</b>							3.52

**ZAPATAENGINEERING**  
**Velocity Analysis**  
**Site: Camp Croft (Phase II)**

<b>Grid:</b>		J20					
<b>Number of unobstructed lines:</b>		5					
<b>5% of lines:</b>		0.25					
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
98.5	15:15:44	15:16:14	29	30.48	99.97	3.45	2.39
<b>Average Velocity (mph)</b>							2.39

<b>Grid:</b>		J21					
<b>Number of unobstructed lines:</b>		6					
<b>5% of lines:</b>		0.3					
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
36	14:27:29	14:27:54	25	30.48	99.97	4.00	2.77
<b>Average Velocity (mph)</b>							2.77

<b>Grid:</b>		J22					
<b>Number of unobstructed lines:</b>		50					
<b>5% of lines:</b>		2.5					
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
49.5	17:15:56	17:16:14	19	27.81	91.22	4.80	3.32
57	17:12:15	17:12:33	18	27.28	89.48	4.97	3.44
69	17:05:19	17:05:37	18	26.74	87.71	4.87	3.37
<b>Average Velocity (mph)</b>							3.38

<b>Grid:</b>		K20					
<b>Number of unobstructed lines:</b>		10					
<b>5% of lines:</b>		0.5					
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
94	15:21:24	15:21:30	06	8.21	26.93	4.49	3.11
<b>Average Velocity (mph)</b>							3.11

**ZAPATAENGINEERING**  
**Velocity Analysis**  
**Site: Camp Croft (Phase II)**

<b>Grid:</b>		K21					
<b>Number of unobstructed lines:</b>		50					
<b>5% of lines:</b>		2.5					
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
4.5	15:09:35	15:09:40	05	7.22	23.68	4.74	3.28
10.5	15:04:49	15:04:53	05	6.57	21.55	4.31	2.98
13.5	15:00:27	15:00:32	05	6.30	20.66	4.13	2.86
<b>Average Velocity (mph)</b>							3.04

<b>Grid:</b>		P20					
<b>Number of unobstructed lines:</b>		21					
<b>5% of lines:</b>		1.05					
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
61.5	16:34:43	16:34:44	02	1.84	6.04	3.02	2.09
69	16:23:11	16:23:15	04	4.53	14.86	3.71	2.57
<b>Average Velocity (mph)</b>							2.33

<b>Grid:</b>		P21					
<b>Number of unobstructed lines:</b>		32					
<b>5% of lines:</b>		1.6					
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
4.5	11:11:28	11:11:41	13	16.68	54.71	4.21	2.91
13.5	11:26:13	11:26:40	27	19.86	65.14	2.41	1.67
<b>Average Velocity (mph)</b>							2.29

<b>Grid:</b>		R20					
<b>Number of unobstructed lines:</b>		15					
<b>5% of lines:</b>		0.75					
<b>Line</b>	<b>Start Time</b>	<b>Stop Time</b>	<b>Delta Time (sec)</b>	<b>Distance (m)</b>	<b>Distance (ft)</b>	<b>Velocity (ft/sec)</b>	<b>Velocity (mph)</b>
43.5	16:46:28	16:49:36	07	9.11	29.88	4.27	2.96
<b>Average Velocity (mph)</b>							2.96

**ZAPATAENGINEERING**  
**Velocity Analysis**  
**Site: Camp Croft (Phase II)**

<b>Grid:</b>		R21					
<b>Number of unobstructed lines:</b>		20					
<b>5% of lines:</b>		1					
Line	Start Time	Stop Time	Delta Time (sec)	Distance (m)	Distance (ft)	Velocity (ft/sec)	Velocity (mph)
63	12:39:10	12:39:15	05	5.21	17.09	3.42	2.37
						<b>Average Velocity (mph)</b>	2.37

## **NAIL ANALYSIS**

**ZAPATAENGINEERING**  
**Nail Analysis**  
**Site: Camp Croft Phase II**

<b>Grid</b>	C17									
<b>Number of Lines</b>	29									
<b>5% of Lines</b>	1.45									
Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
100.00	86.00	30.49	26.22	100.00	86.00	30.49	26.22	0.00	0.00	0
64.00	98.00	19.51	29.88	64.00	97.50	19.51	29.73	0.00	0.15	0.15

<b>Grid</b>	C18									
<b>Number of Lines</b>	68									
<b>5% of Lines</b>	3.4									
Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
6.00	99.00	1.83	30.18	6.00	98.50	1.83	30.03	0.00	0.15	0.15
44.90	88.00	13.69	26.83	43.50	87.50	13.26	26.68	0.43	0.15	0.45
90.00	75.00	27.44	22.87	91.50	75.00	27.90	22.87	0.46	0.00	0.46
96.00	50.00	29.27	15.24	94.50	49.50	28.81	15.09	0.46	0.15	0.48

<b>Grid</b>	D17									
<b>Number of Lines</b>	33									
<b>5% of Lines</b>	1.65									
Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
73.00	20.00	22.26	6.10	73.00	19.50	22.26	5.95	0.00	0.15	0.15
88.00	39.00	26.83	11.89	88.00	39.50	26.83	12.04	0.00	0.15	0.15

<b>Grid</b>	D18									
<b>Number of Lines</b>	68									
<b>5% of Lines</b>	3.4									
Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
15.00	18.00	4.57	5.49	14.00	18.00	4.27	5.49	0.30	0.00	0.30
24.00	50.00	7.32	15.24	24.00	47.50	7.32	14.48	0.00	0.76	0.76
42.00	25.00	12.80	7.62	42.00	25.50	12.80	7.77	0.00	0.15	0.15
81.00	3.00	24.70	0.91	81.00	3.50	24.70	1.07	0.00	0.15	0.15

**ZAPATAENGINEERING**  
**Nail Analysis**  
**Site: Camp Croft Phase II**

<b>Grid</b>	E20									
<b>Number of Lines</b>	49									
<b>5% of Lines</b>	2.45									
Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
99.00	74.00	30.18	22.56	99.00	73.50	30.18	22.41	0.00	0.15	0.15
87.00	98.00	26.52	29.88	85.50	97.50	26.07	29.73	0.46	0.15	0.48
90.20	88.70	27.50	27.04	90.00	88.25	27.44	26.91	0.06	0.14	0.15

<b>Grid</b>	E21									
<b>Number of Lines</b>	34									
<b>5% of Lines</b>	1.7									
Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
0.00	77.10	0.00	23.51	0.00	75.63	0.00	23.06	0.00	0.45	0.45
15.00	80.90	4.57	24.66	13.50	80.50	4.12	24.54	0.46	0.12	0.47

<b>Grid</b>	F18									
<b>Number of Lines</b>	8									
<b>5% of Lines</b>	0.4									
Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
100.00	76.40	30.49	23.29	100.00	76.00	30.49	23.17	0.00	0.12	0.12

<b>Grid</b>	F19									
<b>Number of Lines</b>	68									
<b>5% of Lines</b>	3.4									
Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
43.00	91.00	13.11	27.74	42.00	90.00	12.80	27.44	0.30	0.30	0.43
66.00	76.90	20.12	23.45	66.00	76.50	20.12	23.32	0.00	0.12	0.12
15.00	51.00	4.57	15.55	Seeded Item was placed outside the grid boundary.						
0.00	76.40	0.00	23.29	0.00	76.00	0.00	23.17	0.00	0.12	0.12

**ZAPATAENGINEERING**  
**Nail Analysis**  
**Site: Camp Croft Phase II**

<b>Grid</b>	F20
<b>Number of Lines</b>	68
<b>5% of Lines</b>	3.4

Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
54.00	2.20	16.46	0.67	54.00	2.75	16.46	0.84	0.00	0.17	0.17
74.50	29.90	22.71	9.12	75.00	30.00	22.87	9.15	0.15	0.03	0.16
77.80	63.10	23.72	19.24	78.50	63.25	23.93	19.28	0.21	0.05	0.22
51.00	93.60	15.55	28.54	51.00	94.50	15.55	28.81	0.00	0.27	0.27

<b>Grid</b>	F21
<b>Number of Lines</b>	51
<b>5% of Lines</b>	2.55

Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
25.50	33.80	7.77	10.30	25.50	34.15	7.77	10.41	0.00	0.11	0.11
30.00	46.90	9.15	14.30	30.00	47.00	9.15	14.33	0.00	0.03	0.03
12.00	75.20	3.66	22.93	12.00	75.00	3.66	22.87	0.00	0.06	0.06
24.00	99.60	7.32	30.37	24.00	99.39	7.32	30.30	0.00	0.06	0.06

<b>Grid</b>	G19
<b>Number of Lines</b>	28
<b>5% of Lines</b>	1.4

Measured Nail Location				Map Nail Location				Difference				
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)		
54.00	25.00	16.46	7.62	54.00	25.00	16.46	7.62	0.00	0.00	0.00		
36.00	27.00	10.98	8.23	Seeded Item was placed outside the grid boundary.								

<b>Grid</b>	G20
<b>Number of Lines</b>	68
<b>5% of Lines</b>	3.4

Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
51.00	12.90	15.55	3.93	50.50	13.00	15.40	3.96	0.15	0.03	0.16
59.80	25.50	18.23	7.77	60.00	25.00	18.29	7.62	0.06	0.15	0.16
57.00	60.70	17.38	18.51	55.50	60.50	16.92	18.45	0.46	0.06	0.46
74.30	96.80	22.65	29.51	75.00	96.50	22.87	29.42	0.21	0.09	0.23

**ZAPATAENGINEERING**  
**Nail Analysis**  
**Site: Camp Croft Phase II**

<b>Grid</b>	G21
<b>Number of Lines</b>	25
<b>5% of Lines</b>	1.25

Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
11.90	85.20	3.63	25.98	12.00	84.00	3.66	25.61	0.03	0.37	0.37
30.00	73.50	9.15	22.41	30.00	74.50	9.15	22.71	0.00	0.30	0.30

<b>Grid</b>	H20
<b>Number of Lines</b>	55
<b>5% of Lines</b>	2.75

Measured Nail Location				Map Nail Location				Difference				
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)		
84.40	47.50	25.73	14.48	85.00	47.00	25.91	14.33	0.18	0.15	0.24		
67.00	76.40	20.43	23.29	Masked by target 61.								
27.50	5.50	8.38	1.68	29.00	5.50	8.84	1.68	0.46	0.00	0.46		

<b>Grid</b>	H21
<b>Number of Lines</b>	64
<b>5% of Lines</b>	3.2

Measured Nail Location				Map Nail Location				Difference			
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)	
12.10	51.20	3.69	15.61	12.00	51.50	3.66	15.70	0.03	0.09	0.10	
38.00	52.30	11.59	15.95	Masked by linear feature in the data.							
54.00	99.20	16.46	30.24	54.00	98.50	16.46	30.03	0.00	0.21	0.21	
12.00	84.80	3.66	25.85	12.00	85.50	3.66	26.07	0.00	0.21	0.21	

<b>Grid</b>	H22
<b>Number of Lines</b>	37
<b>5% of Lines</b>	1.85

Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
8.00	1.00	2.44	0.30	9.00	1.50	2.74	0.46	0.30	0.15	0.34
18.00	26.00	5.49	7.93	18.00	26.00	5.49	7.93	0.00	0.00	0.00
36.00	98.30	10.98	29.97	36.00	98.50	10.98	30.03	0.00	0.06	0.06

**ZAPATAENGINEERING**  
**Nail Analysis**  
**Site: Camp Croft Phase II**

<b>Grid</b>	I20
<b>Number of Lines</b>	32
<b>5% of Lines</b>	1.6

Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
78.50	0.00	23.93	0.00	79.00	-0.50	24.09	-0.15	0.15	0.15	0.22
88.00	51.00	26.83	15.55	88.00	50.50	26.83	15.40	0.00	0.15	0.15

<b>Grid</b>	I21
<b>Number of Lines</b>	68
<b>5% of Lines</b>	3.4

Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
24.00	10.90	7.32	3.32	24.00	11.00	7.32	3.35	0.00	0.03	0.03
33.00	35.20	10.06	10.73	31.50	35.00	9.60	10.67	0.46	0.06	0.46
23.80	84.10	7.26	25.64	22.50	84.00	6.86	25.61	0.40	0.03	0.40
71.00	59.90	21.65	18.26	71.00	59.50	21.65	18.14	0.00	0.12	0.12

<b>Grid</b>	I22
<b>Number of Lines</b>	58
<b>5% of Lines</b>	2.9

Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
5.00	2.00	1.52	0.61	4.50	2.00	1.37	0.61	0.15	0.00	0.15
10.00	23.00	3.05	7.01	9.00	23.00	2.74	7.01	0.30	0.00	0.30
33.00	50.00	10.06	15.24	33.00	50.00	10.06	15.24	0.00	0.00	0.00
4.00	76.00	1.22	23.17	6.00	76.00	1.83	23.17	0.61	0.00	0.61

<b>Grid</b>	J20
<b>Number of Lines</b>	20
<b>5% of Lines</b>	1

Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
91.00	100.00	27.74	30.49	91.25	100.00	27.82	30.49	0.08	0.00	0.08
88.00	27.20	26.83	8.29	87.25	26.00	26.60	7.93	0.23	0.37	0.43

**ZAPATAENGINEERING**  
**Nail Analysis**  
**Site: Camp Croft Phase II**

<b>Grid</b>	J21
<b>Number of Lines</b>	68
<b>5% of Lines</b>	3.4

Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
15.00	55.00	4.57	16.77	15.00	55.00	4.57	16.77	0.00	0.00	0.00
71.00	56.90	21.65	17.35	70.50	57.00	21.49	17.38	0.15	0.03	0.16
27.50	90.40	8.38	27.56	28.50	90.50	8.69	27.59	0.30	0.03	0.31

<b>Grid</b>	J22
<b>Number of Lines</b>	68
<b>5% of Lines</b>	3.4

Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
96.00	50.00	29.27	15.24	96.00	50.00	29.27	15.24	0.00	0.00	0.00
45.00	75.00	13.72	22.87	45.00	74.50	13.72	22.71	0.00	0.15	0.15
3.00	0.00	0.91	0.00	3.00	-1.50	0.91	-0.46	0.00	0.46	0.46
1.50	99.00	0.46	30.18	1.50	99.00	0.46	30.18	0.00	0.00	0.00

<b>Grid</b>	K20
<b>Number of Lines</b>	10
<b>5% of Lines</b>	0.5

Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
91.00	0.00	27.74	0.00	91.25	0.00	27.82	0.00	0.08	0.00	0.08

<b>Grid</b>	K21
<b>Number of Lines</b>	60
<b>5% of Lines</b>	3

Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
42.00	1.00	12.80	0.30	42.00	1.00	12.80	0.30	0.00	0.00	0.00
26.90	11.10	8.20	3.38	28.50	11.50	8.69	3.51	0.49	0.12	0.50
3.00	3.10	0.91	0.95	3.00	3.50	0.91	1.07	0.00	0.12	0.12

**ZAPATAENGINEERING**  
**Nail Analysis**  
**Site: Camp Croft Phase II**

<b>Grid</b>	P20
<b>Number of Lines</b>	29
<b>5% of Lines</b>	1.45

Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
93.00	96.25	28.35	29.34	93.00	96.00	28.35	29.27	0.00	0.08	0.08
67.50	100.00	20.58	30.49	67.50	100.00	20.58	30.49	0.00	0.00	0.00

<b>Grid</b>	P21
<b>Number of Lines</b>	67
<b>5% of Lines</b>	3.35

Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
26.90	48.80	8.20	14.88	28.50	48.50	8.69	14.79	0.49	0.09	0.50
24.00	60.00	7.32	18.29	24.00	59.50	7.32	18.14	0.00	0.15	0.15
45.00	75.00	13.72	22.87	45.00	75.00	13.87	22.87	0.15	0.00	0.15
51.00	100.00	15.55	30.49	51.00	100.00	15.55	30.49	0.00	0.00	0.00

<b>Grid</b>	R20
<b>Number of Lines</b>	46
<b>5% of Lines</b>	2.3

Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
67.50	0.00	20.58	0.00	67.50	0.00	20.58	0.00	0.00	0.00	0.00
66.00	25.00	20.12	7.62	65.00	25.25	19.82	7.70	0.30	0.08	0.31
71.50	32.00	21.80	9.76	72.00	32.00	21.95	9.76	0.15	0.00	0.15

<b>Grid</b>	R21
<b>Number of Lines</b>	50
<b>5% of Lines</b>	2.5

Measured Nail Location				Map Nail Location				Difference		
Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (ft)	Northing (ft)	Easting (m)	Northing (m)	Easting (m)	Northing (m)	Total (m)
51.00	0.00	15.55	0.00	51.00	0.00	15.55	0.00	0.00	0.00	0.00
18.00	25.00	5.49	7.62	18.00	24.00	5.49	7.32	0.00	0.30	0.30
6.00	45.40	1.83	13.84	6.50	45.00	1.98	13.72	0.15	0.12	0.20

**LINE OBSERVATIONS**

**ZAPATAENGINEERING**  
**Line Observations**  
**Site: Camp Croft (Phase II)**

<b>Grid:</b>	C17	
Lines Observed	Deviation from line less than .25 meter	Comments
83.5-89.5	Y	
79-83.	na	Observed Wheels. Rotating properly.

<b>Grid:</b>	C18	
Lines Observed	Deviation from line less than .25 meter	Comments
6	Y	
21-27	Y	
69-76.5	Y	
78-85.5	Y	

<b>Grid:</b>	D17	
Lines Observed	Deviation from line less than .25 meter	Comments
83.5-89.5	Y	
79-83.	na	Observed Wheels. Rotating properly.

<b>Grid:</b>	D18	
Lines Observed	Deviation from line less than .25 meter	Comments
6	Y	
21-27	Y	
69-76.5	Y	
78-85.5	Y	

<b>Grid:</b>	E20	
Lines Observed	Deviation from line less than .25 meter	Comments
0	Y	
22.5-28.5	Y	
42-46.5	Y	

<b>Grid:</b>	E21	
Lines Observed	Deviation from line less than .25 meter	Comments
0-6	Y	
22.5	Y	Wheels rotating properly in rough terrain.
75	Y	

**ZAPATAENGINEERING**  
**Line Observations**  
**Site: Camp Croft (Phase II)**

<b>Grid:</b>	F18	
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>
No lines observed.		

<b>Grid:</b>	F19	
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>
46.5-48	Y	
84-88.5	Y	

<b>Grid:</b>	F20	
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>
0	Y	
22.5-28.5	Y	Wheels rotating properly in rough
42-46.5	Y	

<b>Grid:</b>	F21	
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>
0-6	Y	
22.5	Y	Wheels rotating properly in rough
75	Y	

<b>Grid:</b>	G19	
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>
46.5-48	Y	

<b>Grid:</b>	G20	
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>
0	Y	
22.5-28.5	Y	
42-46.5	Y	

<b>Grid:</b>	G21	
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>
0-6	Y	
22.5	Y	Wheels rotating properly in rough
75	Y	

**ZAPATAENGINEERING**  
**Line Observations**  
**Site: Camp Croft (Phase II)**

<b>Grid:</b>	H20	
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>
47.5-50.5	Y	Collecting data on the side of a hill.
95.5-100	Y	

<b>Grid:</b>	H21	
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>
4.5-9	Y	
93-96	Y	

<b>Grid:</b>	H22	
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>
1.5-9	Y	
42-46.5	Y	

<b>Grid:</b>	I20	
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>
47.5-50.5	Y	Collecting data on the side of a hill.
95.5-100	Y	

<b>Grid:</b>	I21	
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>
4.5-9	Y	
93-96	Y	

<b>Grid:</b>	I22	
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>
1.5-9	Y	
42-46.5	Y	

**ZAPATAENGINEERING**  
**Line Observations**  
**Site: Camp Croft (Phase II)**

<b>Grid:</b>	J20	
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>
80.5-85	Y	

<b>Grid:</b>	J21	
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>
40.5-43.5	Y	

<b>Grid:</b>	J22	
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>
6	No	Line was recollected.
7.5	Y	
25.5	Y	
28.5	Y	
43.5-45	Y	
72-75	Y	
91.5-99	Y	

<b>Grid:</b>	K20	
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>
80.5-85	Y	

<b>Grid:</b>	K21	
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>
40.5-43.5	Y	

<b>Grid:</b>	P20	
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>
94.5-99	Y	

**ZAPATAENGINEERING**  
**Line Observations**  
**Site: Camp Croft (Phase II)**

<b>Grid:</b>	P21		
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>	
40.5-42.	Y		

<b>Grid:</b>	R20		
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>	
94.5-99	Y		

<b>Grid:</b>	R21		
<b>Lines Observed</b>	<b>Deviation from line less than .25 meter</b>	<b>Comments</b>	
40.5-42.	Y		

**BACKGROUND RESPONSES AND NOISE ESTIMATES**

**ZAPATAENGINEERING**  
Background Responses and Noise Estimates  
Site: Camp Croft (Phase II)

Grid		GPO									
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	0.16	4.29	2.09	2.05	1.96	0.92	0.51	1.29	42	0	2.76
Channel 2	-0.12	2.98	1.34	1.43	1.53	0.65	0.48	1.39	42	0	1.95
Channel 3	-0.22	2.03	0.77	0.77	0.93	0.52	0.42	1.67	42	0	1.56
Sum Channel	-3.18	1.13	-0.51	-0.49	-0.62	1.02	0.77	2.51	42	0	3.06
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.01	2.77	0.32	0.28	0.13	1.09	0.55	1.31	44	0	3.27
Channel 2	-1.28	2.22	0.22	0.18	0.04	0.76	0.55	1.77	44	0	2.28
Channel 3	-0.61	1.51	0.18	0.23	0.03	0.5	0.41	1.24	44	0	1.5
Sum Channel	-3.67	2.23	-0.63	-0.6	0.45	1.39	0.69	2.63	44	0	4.17
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	3.02										
Channel 2	2.12										
Channel 3	1.53										
Sum Channel	3.62										

Grid		C17									
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-0.76	2.06	0.51	0.41	0.39	0.62	0.67	3.04	30	0	1.86
Channel 2	-1.67	1.92	0.27	0.27	0.61	0.73	0.82	4.45	30	0	2.19
Channel 3	-1.28	0.83	-0.16	-0.05	0.28	0.63	0.48	2.1	30	0	1.89
Sum Channel	-2.2	3.88	0.52	0.46	-0.05	1.32	1.26	3.35	30	0	3.96
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.43	1.53	-0.06	0.46	0.42	1.08	0.71	2.35	27	0	3.24
Channel 2	-1.59	0.79	-0.14	0.1	0.37	0.71	0.59	2.94	27	0	2.13
Channel 3	-1.38	1.27	0.25	0.33	1.08	0.71	0.56	2.6	27	0	2.13
Sum Channel	-6.1	1.39	-0.84	-0.01	0.53	2.32	0.97	3.51	27	0	6.96
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	2.55										
Channel 2	2.16										
Channel 3	2.01										
Sum Channel	5.46										

**ZAPATAENGINEERING**  
**Background Responses and Noise Estimates**  
**Site: Camp Croft (Phase II)**

Grid		C18									
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-1.64	1.97	0	0.01	-0.02	0.69	0.74	3.07	128	0	2.07
Channel 2	-1.48	1.92	0.03	0.01	-0.24	0.7	0.81	3.4	128	0	2.1
Channel 3	-0.92	1.74	0.07	0.02	-0.09	0.47	0.56	2.52	128	0	1.41
Sum Channel	-1.15	2.62	0.55	0.5	0.46	0.82	0.56	3.48	128	0	2.46
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	72	2	-0.08	0.04	-0.01	0.69	0.7	2.91	149	0	2.07
Channel 2	-3.16	2.52	-0.8	-0.8	0.5	0.72	0.78	3.21	149	0	2.16
Channel 3	-1.72	1.89	-0.1	0.01	-0.01	0.58	0.61	2.53	149	0	1.74
Sum Channel	-2.35	2.64	0.33	0.46	0.41	0.75	0.51	3.07	149	0	2.25
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	2.07										
Channel 2	2.13										
Channel 3	1.58										
Sum Channel	2.36										

Grid		D17									
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	1.84	3.32	0.37	0.42	0.36	1.15	0.69	2.88	64	0	3.45
Channel 2	-2	1.82	0.1	0.31	0.35	0.74	0.66	2.68	64	0	2.22
Channel 3	-2.74	1.86	0.02	0.33	0.28	0.8	0.54	2.1	64	0	2.4
Sum Channel	5.71	6.26	-0.36	0.52	0.4	2.25	1.11	4.03	64	0	6.75
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-1.88	1.3	-0.06	0.17	0.41	0.85	0.65	2.49	47	0	2.55
Channel 2	-1.68	1.3	0.03	0.12	0.34	0.73	0.66	3.65	47	0	2.19
Channel 3	-0.93	1.44	0.23	0.3	-0.07	0.54	0.52	2.79	47	0	1.62
Sum Channel	-5.85	2.51	-0.71	-0.1	0.51	2.12	1.12	3.86	47	0	6.36
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	3.00										
Channel 2	2.21										
Channel 3	2.01										
Sum Channel	6.56										

**ZAPATAENGINEERING**  
**Background Responses and Noise Estimates**  
**Site: Camp Croft (Phase II)**

Grid		D18									
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.47	2.19	-0.11	-0.04	0.01	0.95	0.94	3.61	138	0	2.85
Channel 2	-2.27	1.96	-0.05	0.02	-0.02	0.79	0.82	3.33	138	0	2.37
Channel 3	-1.28	1.73	0	0.04	0.01	0.6	0.61	2.54	138	0	1.8
Sum Channel	-2.17	2.34	0.23	0.37	0.13	0.84	0.53	2.53	138	0	2.52
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-3.48	3.16	-0.11	-0.02	0.05	0.99	0.97	4.61	226	0	2.97
Channel 2	-1.91	3.1	-0.06	-0.03	0.23	0.87	0.9	4.5	226	0	2.61
Channel 3	-1.68	2.31	0.03	0.07	0.02	0.67	0.66	3.35	226	0	2.01
Sum Channel	-2.78	5.17	0.4	0.37	0.37	1.42	0.6	2.98	226	0	4.26
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	2.91										
Channel 2	2.49										
Channel 3	1.91										
Sum Channel	3.39										

Grid		E20									
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.51	3.43	0.32	0.46	0.4	1.09	0.91	3.73	54	0	3.27
Channel 2	-1.45	2.14	0.62	0.57	0.79	0.81	0.66	3.29	54	0	2.43
Channel 3	-1.57	2.69	0.31	0.38	0.34	0.79	0.76	2.78	54	0	2.37
Sum Channel	-0.89	2.88	1.14	1.39	1.31	0.95	0.45	1.81	54	0	2.85
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-3.77	5.19	0.13	0.52	0.43	1.06	0.93	2.95	132	0	3.18
Channel 2	-3.14	1.44	0.08	0.39	0.34	0.77	0.74	3.06	132	0	2.31
Channel 3	-1.77	3.41	0.1	0.39	0.33	0.68	0.7	2.5	132	0	2.04
Sum Channel	-6.35	5.58	-0.01	0.36	0.48	1.21	0.85	3.11	132	0	3.63
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	3.23										
Channel 2	2.37										
Channel 3	2.21										
Sum Channel	3.24										

**ZAPATAENGINEERING**  
**Background Responses and Noise Estimates**  
**Site: Camp Croft (Phase II)**

Grid		E21									
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-3.15	2.97	0.25	0.42	0.36	0.96	0.87	2.91	199	0	2.88
Channel 2	-3.84	2.82	0.26	0.46	0.39	0.89	0.85	3.55	199	0	2.67
Channel 3	-3.35	2.22	0.17	0.36	0.31	0.64	0.58	2.22	199	0	1.92
Sum Channel	-10.88	2.49	0.24	0.54	0.4	1.42	0.83	3.59	199	0	4.26
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.42	2.83	0.06	0.1	0.37	1.12	0.88	4.48	82	0	3.36
Channel 2	-2.73	2.06	0.05	0.36	0.31	0.95	0.91	5.09	82	0	2.85
Channel 3	-1.15	1.83	0.25	0.34	0.1	0.61	0.58	2.88	82	0	1.83
Sum Channel	-2.81	3.73	0.32	0.46	0.53	1.52	0.66	3.44	82	0	4.56
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	3.12										
Channel 2	2.76										
Channel 3	1.88										
Sum Channel	4.41										

Grid		F18
		F18 is a very small portion of a grid and it does not have any background to test.

Grid		F19									
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.5	1.79	0.3	0.27	0.4	0.75	0.4	1.47	126	0	2.25
Channel 2	-1.42	1.62	0.21	0.35	0.32	0.51	0.38	1.33	126	0	1.53
Channel 3	-1.03	1.64	0.24	0.31	0.28	0.48	0.33	1.43	126	0	1.44
Sum Channel	-5.48	2.88	-0.09	0.62	0.53	1.43	0.8	2.62	126	0	4.29
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-1.51	2.19	0.27	0.42	0.38	0.68	0.37	1.21	156	0	2.04
Channel 2	-1.02	1.49	0.23	0.39	0.37	0.5	0.38	1.54	156	0	1.5
Channel 3	-1.08	2.05	0.24	0.35	0.32	0.44	0.3	1.17	156	0	1.32
Sum Channel	-3.56	5.25	0.14	0.66	0.57	1.48	0.81	2.71	156	0	4.44
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	2.15										
Channel 2	1.52										
Channel 3	1.38										
Sum Channel	4.37										

**ZAPATAENGINEERING**  
**Background Responses and Noise Estimates**  
**Site: Camp Croft (Phase II)**

Grid	F20										
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.44	2.36	0.38	0.46	0.71	0.75	0.72	2.86	283	0	2.25
Channel 2	-1.15	2.25	0.39	0.41	0.27	0.66	0.71	2.79	283	0	1.98
Channel 3	-4.21	2.09	0.31	0.38	0.32	0.69	0.6	2.19	283	0	2.07
Sum Channel	-1.9	2.6	0.38	0.54	0.49	0.76	0.37	1.64	283	0	2.28
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.44	3.46	0.33	0.51	0.45	0.93	0.82	3.16	344	0	2.79
Channel 2	-2.1	3.09	0.34	0.39	0.33	0.8	0.78	3.31	344	0	2.4
Channel 3	-1.21	1.71	0.32	0.31	0.28	0.54	0.58	2.49	344	0	1.62
Sum Channel	-3.61	3.94	0.61	0.64	0.56	0.99	0.45	1.82	344	0	2.97
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	2.52										
Channel 2	2.19										
Channel 3	1.85										
Sum Channel	2.63										

Grid	F21										
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-1.75	2.8	0.37	0.43	0.38	0.69	0.64	2.57	224	0	2.07
Channel 2	-1.18	1.97	0.36	0.4	0.36	0.63	0.62	2.59	224	0	1.89
Channel 3	-1.32	2.18	0.34	0.36	0.32	0.48	0.48	1.71	224	0	1.44
Sum Channel	-2.18	3.38	0.48	0.6	0.54	0.96	0.51	2.8	224	0	2.88
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.53	5.1	0.13	0.33	0.41	1.03	0.99	4.51	213	0	3.09
Channel 2	-2.67	2.72	0.14	0.14	0.31	0.82	0.88	4.25	213	0	2.46
Channel 3	-2.25	1.86	0.18	0.32	0.28	0.69	0.69	3.22	213	0	2.07
Sum Channel	-9.1	3.82	-1.12	-0.76	-0.35	2.42	0.76	3.28	213	0	7.26
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	2.58										
Channel 2	2.18										
Channel 3	1.76										
Sum Channel	5.07										

**ZAPATAENGINEERING**  
**Background Responses and Noise Estimates**  
**Site: Camp Croft (Phase II)**

Grid	G19										
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.19	2.27	0.19	0.41	0.37	0.74	0.58	1.55	73	0	2.22
Channel 2	-1.34	1.14	0.14	0.37	0.34	0.52	0.46	1.75	73	0	1.56
Channel 3	-1.12	0.75	0.16	0.32	0.3	0.34	0.33	1.05	73	0	1.02
Sum Channel	-5.04	3.81	-0.2	0.68	0.58	1.52	1.14	2.88	73	0	4.56
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.07	1.28	-0.02	0.37	0.41	0.81	0.63	2.61	50	0	2.43
Channel 2	-1.32	1.51	0.18	0.39	0.36	0.7	0.53	2.7	50	0	2.1
Channel 3	-0.85	1.35	0.22	0.34	0.32	0.45	0.38	1.32	50	0	1.35
Sum Channel	-4.34	3.36	-0.13	0.63	0.55	1.78	1.18	2.95	50	0	5.34
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	2.33										
Channel 2	1.83										
Channel 3	1.19										
Sum Channel	4.95										

Grid	G20										
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.22	2.57	0.28	0.37	0.42	0.88	0.8	3.59	267	0	2.64
Channel 2	-2.09	2.42	0.3	0.35	0.31	0.79	0.85	3.83	267	0	2.37
Channel 3	-1.29	2.26	0.36	0.34	0.3	0.7	0.68	2.9	267	0	2.1
Sum Channel	-2.3	3.93	0.3	0.3	0.36	1.1	0.49	1.65	267	0	3.3
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-1.86	3.05	0.33	0.39	0.44	0.8	0.71	3	232	0	2.4
Channel 2	-1.85	2.07	0.24	0.35	0.31	0.73	0.77	3.49	232	0	2.19
Channel 3	-1.51	1.72	0.22	0.31	0.27	0.66	0.61	2.69	232	0	1.98
Sum Channel	-3.19	2.47	0.34	0.47	0.29	0.85	0.4	1.6	232	0	2.55
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	2.52										
Channel 2	2.28										
Channel 3	2.04										
Sum Channel	2.93										

**ZAPATAENGINEERING**  
**Background Responses and Noise Estimates**  
**Site: Camp Croft (Phase II)**

Grid		G21									
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-0.81	1.76	0.39	0.47	0.02	0.57	0.63	2.46	120	0	1.71
Channel 2	-1.17	2.06	0.35	0.38	0.28	0.57	0.64	2.55	120	0	1.71
Channel 3	-1.15	1.57	0.3	0.32	0.35	0.52	0.52	2.01	120	0	1.56
Sum Channel	-1.03	1.64	0.44	0.53	0.42	0.58	0.5	2.89	120	0	1.74
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.65	2.91	0.35	0.48	0.42	0.8	0.58	1.94	397	0	2.4
Channel 2	-1.28	2.03	0.32	0.37	0.34	0.63	0.57	2.05	397	0	1.89
Channel 3	-1.05	1.75	0.29	0.35	0.32	0.42	0.45	1.79	397	0	1.26
Sum Channel	-4.3	3.49	0.44	0.57	0.49	1.08	0.59	3.06	397	0	3.24
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	2.06										
Channel 2	1.80										
Channel 3	1.41										
Sum Channel	2.49										

Grid		H20									
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-4.59	4.71	0.26	0.25	0.35	1.56	1.12	3.76	172	0	4.68
Channel 2	-2.89	3.25	0.25	0.44	0.37	0.96	0.85	3.44	172	0	2.88
Channel 3	-1.59	2.84	0.26	0.35	0.3	0.65	0.62	2.45	172	0	1.95
Sum Channel	-8.27	3.48	-0.14	0.3	0.42	1.89	0.93	3.69	172	0	5.67
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-7.46	1.35	-0.43	0.07	0.34	1.45	0.66	1.77	63	0	4.35
Channel 2	-5.52	1.31	-0.42	-0.11	0.39	1.19	0.79	1.94	63	0	3.57
Channel 3	-3.33	1.91	-0.36	0.05	0.33	1.01	0.65	1.77	63	0	3.03
Sum Channel	-16.41	2.41	-1.97	-0.73	0.64	3.29	1.21	2.88	63	0	9.87
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	4.52										
Channel 2	3.23										
Channel 3	2.49										
Sum Channel	7.77										

**ZAPATAENGINEERING**  
**Background Responses and Noise Estimates**  
**Site: Camp Croft (Phase II)**

Grid		H21									
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.62	1.88	-0.16	-0.18	0.43	0.95	1.09	4.99	113	0	2.85
Channel 2	-2.55	2.66	-0.08	-0.05	0.33	1	1.16	5.44	113	0	3
Channel 3	-1.57	2.15	0.08	0.14	0.33	0.72	0.77	3.65	113	0	2.16
Sum Channel	-3.66	2.97	-0.69	-0.62	-1.11	1.35	0.78	3.82	113	0	4.05
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-3.2	1.97	-0.06	0.46	0.41	0.87	0.83	4.07	82	0	2.61
Channel 2	-2.65	1.68	-0.07	0.15	0.37	0.81	0.89	4.33	82	0	2.43
Channel 3	-1.56	1.53	0.05	0.31	0.27	0.61	0.74	3.78	82	0	1.83
Sum Channel	-8.47	4.8	-0.2	0.38	0.51	1.83	0.76	2.78	82	0	5.49
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	2.73										
Channel 2	2.72										
Channel 3	2.00										
Sum Channel	4.77										

Grid		H22									
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-3.6	2.32	0.27	0.35	0.16	0.83	0.83	4.08	204	0	2.49
Channel 2	-3.07	2.36	0.28	0.44	0.38	0.74	0.78	3.39	204	0	2.22
Channel 3	-2.16	1.49	0.2	0.35	0.31	0.57	0.55	2.29	204	0	1.71
Sum Channel	-8.43	6.27	0.2	0.45	0.6	1.73	1.51	4.65	204	0	5.19
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-1.71	3.05	0.42	0.47	0.42	0.73	0.72	3.17	338	0	2.19
Channel 2	-2	1.99	0.36	0.41	0.37	0.65	0.73	3.47	338	0	1.95
Channel 3	-1.8	2.3	0.33	0.34	0.29	0.56	0.58	2.54	338	0	1.68
Sum Channel	-6.18	4.39	0.55	0.87	0.54	1.58	1.35	4.32	338	0	4.74
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	2.34										
Channel 2	2.09										
Channel 3	1.70										
Sum Channel	4.97										

**ZAPATAENGINEERING**  
**Background Responses and Noise Estimates**  
**Site: Camp Croft (Phase II)**

Grid		I20									
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-3.56	5.43	0.52	0.56	0.47	1.13	0.63	3.53	51	0	3.39
Channel 2	-2.07	2.42	0.31	0.36	0.32	0.7	0.59	3.08	51	0	2.1
Channel 3	-1.59	1.19	0.2	0.32	0.29	0.45	0.39	1.5	51	0	1.35
Sum Channel	-1.67	2.67	0.39	0.59	0.55	0.85	0.61	2.7	51	0	2.55
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-5.11	3.68	0.23	0.57	0.48	1.04	0.76	2.65	200	0	3.12
Channel 2	-3.66	2.04	0.21	0.38	0.32	0.77	0.69	2.75	200	0	2.31
Channel 3	-2.28	1.82	0.17	0.37	0.33	0.61	0.54	2.21	200	0	1.83
Sum Channel	-4.33	3.29	0	0.12	0.51	1.23	0.67	3.09	200	0	3.69
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	3.26										
Channel 2	2.21										
Channel 3	1.59										
Sum Channel	3.12										

Grid		I21									
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.18	2.57	0.54	0.49	0.44	0.89	0.88	3.98	131	0	2.67
Channel 2	-1.76	2.48	0.47	0.45	0.14	0.85	0.94	4.33	131	0	2.55
Channel 3	-1.16	2.52	0.37	0.37	0.33	0.65	0.67	3.52	131	0	1.95
Sum Channel	-3.41	4.81	0.82	0.87	0.27	1.25	0.66	3.13	131	0	3.75
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-1.9	2.06	0.29	0.41	0.37	0.63	0.64	2.74	260	0	1.89
Channel 2	-1.34	2.37	0.29	0.36	0.32	0.64	0.72	3.18	260	0	1.92
Channel 3	-1.74	1.72	0.26	0.35	0.31	0.55	0.56	2.18	260	0	1.65
Sum Channel	-2.5	3.13	0.31	0.43	0.49	0.86	0.5	2.77	260	0	2.58
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	2.28										
Channel 2	2.24										
Channel 3	1.80										
Sum Channel	3.17										

**ZAPATAENGINEERING**  
**Background Responses and Noise Estimates**  
**Site: Camp Croft (Phase II)**

Grid		I22									
Polygon 1											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-1.77	3	0.44	0.42	0.37	0.7	0.68	2.72	373	0	2.1
Channel 2	-1.11	1.92	0.37	0.41	0.37	0.63	0.67	2.94	373	0	1.89
Channel 3	-0.97	2.05	0.35	0.35	0.32	0.53	0.54	2.21	373	0	1.59
Sum Channel	-3.76	5.43	0.57	0.64	0.55	1.58	1.42	4.63	373	0	4.74
Polygon 2											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-1.44	2.12	0.46	0.41	0.38	0.68	0.66	2.82	413	0	2.04
Channel 2	-1.68	2.17	0.39	0.41	0.37	0.67	0.73	3.25	413	0	2.01
Channel 3	-1.43	2.11	0.3	0.34	0.3	0.54	0.55	2.43	413	0	1.62
Sum Channel	-4.78	4.96	0.62	0.7	0.6	1.51	1.3	4.15	413	0	4.53
Average of Two Polygon Areas											
Channel	Noise Estimates (mV)										
Channel 1	2.07										
Channel 2	1.95										
Channel 3	1.61										
Sum Channel	4.64										

Grid		J20									
Polygon 1											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-1.43	2.24	0.69	0.86	0.37	0.95	0.75	2.98	39	0	2.85
Channel 2	-1.95	2.16	0.33	0.62	0.32	0.85	0.72	3.15	39	0	2.55
Channel 3	-1.04	1.82	0.25	0.33	0.3	0.6	0.65	3.21	39	0	1.8
Sum Channel	-3.33	2.4	0.32	0.49	0.73	1.12	0.63	2.34	39	0	3.36
Polygon 2											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-3.28	2.45	-0.09	0.06	0.36	1.17	0.78	1.82	46	0	3.51
Channel 2	-2.02	2.47	0.12	0.13	0.08	0.82	0.75	2.25	46	0	2.46
Channel 3	-1.22	2.22	0.17	0.21	0.32	0.67	0.61	2.8	46	0	2.01
Sum Channel	-7.25	6.67	-0.26	-0.29	-0.43	2.2	1.24	6.42	46	0	6.6
Average of Two Polygon Areas											
Channel	Noise Estimates (mV)										
Channel 1	3.18										
Channel 2	2.51										
Channel 3	1.91										
Sum Channel	4.98										

**ZAPATAENGINEERING**  
**Background Responses and Noise Estimates**  
**Site: Camp Croft (Phase II)**

Grid		J21									
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.12	2.31	0.27	0.37	0.42	0.76	0.69	2.87	200	0	2.28
Channel 2	-2.17	3.04	0.24	0.33	0.49	0.8	0.7	2.85	200	0	2.4
Channel 3	-2.12	2.54	0.19	0.31	0.26	0.69	0.56	2.06	200	0	2.07
Sum Channel	-5.56	2.89	0.08	0.42	0.16	1.29	0.63	2.67	200	0	3.87
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-1.88	3.07	0.26	0.39	0.44	0.78	0.76	3.24	236	0	2.34
Channel 2	-1.84	2.56	0.26	0.27	0.31	0.71	0.78	3.56	236	0	2.13
Channel 3	-1.69	1.69	0.24	0.35	0.32	0.58	0.58	2.68	236	0	1.74
Sum Channel	-2.99	4.98	0.22	0.33	0.58	1.06	0.55	2.69	236	0	3.18
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	2.31										
Channel 2	2.27										
Channel 3	1.91										
Sum Channel	3.53										

Grid		J22									
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.18	2.52	0.38	0.46	0.41	0.85	0.72	2.8	585	0	2.55
Channel 2	-2.19	2.37	0.32	0.38	0.33	0.85	0.79	3.16	585	0	2.55
Channel 3	-1.63	1.75	0.29	0.34	0.31	0.6	0.58	2.4	585	0	1.8
Sum Channel	-4.41	4.87	0.47	0.62	0.52	1.15	0.63	3.08	585	0	3.45
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-1.94	2.16	0.28	0.37	0.41	0.89	0.74	3.04	90	0	2.67
Channel 2	-1.6	1.9	0.21	0.3	0.33	0.77	0.74	3	90	0	2.31
Channel 3	-1.51	1.72	0.18	0.31	0.27	0.67	0.64	2.79	90	0	2.01
Sum Channel	-3.97	2.25	0.17	0.32	0.32	1.1	0.58	3.23	90	0	3.3
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	2.61										
Channel 2	2.43										
Channel 3	1.91										
Sum Channel	3.38										



**ZAPATAENGINEERING**  
**Background Responses and Noise Estimates**  
**Site: Camp Croft (Phase II)**

Grid		K20									
Polygon 1											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-1.91	1.02	-0.46	-0.57	-0.69	0.76	0.67	1.67	20	0	2.28
Channel 2	-1.37	0.7	-0.38	-0.42	-0.51	0.65	0.64	0.8	20	0	1.95
Channel 3	-0.53	0.58	0.04	0.07	-0.17	0.34	0.51	0.8	20	0	1.02
Sum Channel	-4.58	1.34	-1.64	-1.5	-1.81	1.49	0.58	1.91	20	0	4.47
Polygon 2											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-1.38	2.02	0.27	0.46	0.43	0.66	0.67	3.52	39	0	1.98
Channel 2	-1.26	1.78	0.22	0.39	0.35	0.67	0.71	3.47	39	0	2.01
Channel 3	-1.31	1.83	0.24	0.33	0.29	0.69	0.65	3.23	39	0	2.07
Sum Channel	-2.55	5.06	0.37	0.31	0.07	1.57	0.64	3.2	39	0	4.71
Average of Two Polygon Areas											
Channel	Noise Estimates (mV)										
Channel 1	2.13										
Channel 2	1.98										
Channel 3	1.55										
Sum Channel	4.59										

Grid		K21									
Polygon 1											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.71	1.98	0.18	0.42	0.37	0.79	0.69	3.23	81	0	2.37
Channel 2	-1.53	2.34	0.3	0.41	0.36	0.72	0.74	3.06	81	0	2.16
Channel 3	-1.21	1.8	0.28	0.36	0.33	0.59	0.6	2.39	81	0	1.77
Sum Channel	-2.89	2.62	0.32	0.55	0.5	0.99	0.62	3.43	81	0	2.97
Polygon 2											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.38	1.44	-0.62	-0.16	-0.12	1.03	0.91	4.15	38	0	3.09
Channel 2	-2.47	1.19	-0.5	-0.33	-0.03	0.91	0.85	3.91	38	0	2.73
Channel 3	-1.83	0.95	-0.26	-0.03	0.28	0.7	0.54	2.61	38	0	2.1
Sum Channel	-6.66	2.83	-1.42	-0.93	-1.22	1.9	1.05	3.03	38	0	5.7
Average of Two Polygon Areas											
Channel	Noise Estimates (mV)										
Channel 1	2.73										
Channel 2	2.45										
Channel 3	1.94										
Sum Channel	4.34										

**ZAPATAENGINEERING**  
**Background Responses and Noise Estimates**  
**Site: Camp Croft (Phase II)**

Grid		P20									
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-1.93	2.15	0.04	0.45	0.58	1.02	0.71	1.16	18	0	3.06
Channel 2	-1.44	1.88	-0.23	-0.47	-0.71	0.88	0.55	1.76	18	0	2.64
Channel 3	-1.15	1.84	0.09	0.35	0.38	0.84	0.45	1.33	18	0	2.52
Sum Channel	-3.84	2.04	-0.46	-0.17	-0.47	1.43	0.64	4.62	18	0	4.29
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.07	2.31	0.11	0.3	0.44	1.03	0.58	1.69	45	0	3.09
Channel 2	-1.99	2.02	0.09	0.1	0.73	0.94	0.59	1.95	45	0	2.82
Channel 3	-1.67	1.64	0.23	0.4	0.78	0.79	0.51	1.63	45	0	2.37
Sum Channel	-5.66	4.32	-0.07	0.37	347	2.09	0.89	2.39	45	0	6.27
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	3.08										
Channel 2	2.73										
Channel 3	2.45										
Sum Channel	5.28										

Grid		P21									
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-1.87	1.89	0.34	0.4	0.6	0.67	0.76	2.95	74	0	2.01
Channel 2	-1.32	2.27	0.39	0.4	0.14	0.73	0.8	2.92	74	0	2.19
Channel 3	-1.08	1.5	0.31	0.32	0.29	0.57	0.63	2.15	74	0	1.71
Sum Channel	-4.83	5.12	0.5	0.35	-0.79	1.73	1.68	5.27	74	0	5.19
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-3.04	1.98	0.11	0.41	0.36	1.01	0.75	2.65	98	0	3.03
Channel 2	-3.46	2.02	0.07	0.42	0.36	0.91	0.75	2.65	98	0	2.73
Channel 3	-2.3	2.15	0.12	0.39	0.34	0.76	0.64	2.71	98	0	2.28
Sum Channel	-9.35	5.01	-0.25	0.77	0.62	2.45	1.51	4.65	98	0	7.35
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	2.52										
Channel 2	2.46										
Channel 3	2.00										
Sum Channel	6.27										

**ZAPATAENGINEERING**  
**Background Responses and Noise Estimates**  
**Site: Camp Croft (Phase II)**

Grid		R20									
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.09	2.67	-0.02	0.09	0.44	0.85	0.64	2.04	75	0	2.55
Channel 2	-2.07	1.88	-0.03	-0.01	0.36	0.8	0.74	3.04	75	0	2.4
Channel 3	-1.5	1.63	0.13	0.26	0.29	0.57	0.52	1.78	75	0	1.71
Sum Channel	-3.21	3.74	-0.17	-0.03	-0.1	1.05	0.6	3.08	75	0	3.15
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-1.48	2.04	0.22	0.43	0.39	0.72	0.73	3.48	62	0	2.16
Channel 2	-1.33	1.57	0.32	0.36	0.39	0.59	0.75	4.31	62	0	1.77
Channel 3	-1.08	1.57	0.31	0.3	0.27	0.56	0.65	2.75	62	0	1.68
Sum Channel	-1.55	3.39	0.39	0.51	0.97	1	0.84	4.58	62	0	3
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	2.36										
Channel 2	2.09										
Channel 3	1.70										
Sum Channel	3.08										

Grid		R21									
<b>Polygon 1</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.65	2.05	-0.21	-0.2	-0.45	0.8	0.81	2.66	109	0	2.4
Channel 2	-2.26	2.21	-0.19	-0.12	0.39	0.8	0.88	3.06	109	0	2.4
Channel 3	-1.73	1.67	0.01	0.04	0.29	0.6	0.62	2.21	109	0	1.8
Sum Channel	-7.16	4.38	-1.04	-0.91	-1.99	1.95	1.58	4.58	109	0	5.85
<b>Polygon 2</b>											
Channel	Min Reading	Max Reading	Mean	Median	Mode	S.D.	1st Diff S.D.	4th Diff S.D.	# of points	# of dummies	Noise Estimates (mV)
Channel 1	-2.04	1.84	0.09	0.22	0.43	0.83	0.82	3.37	66	0	2.49
Channel 2	-1.73	1.98	0.13	0.2	0.32	0.71	0.81	3.79	66	0	2.13
Channel 3	-1.34	1.39	0.16	0.25	0.2	0.61	0.74	3.4	66	0	1.83
Sum Channel	-5.4	3.93	-0.28	0.24	0.53	1.78	1.47	4.2	66	0	5.34
<b>Average of Two Polygon Areas</b>											
Channel	Noise Estimates (mV)										
Channel 1	2.45										
Channel 2	2.27										
Channel 3	1.82										
Sum Channel	5.60										

## **GAP ANALYSIS**

ZAPATAENGINEERING  
Gap Analysis  
Site: Camp Croft (Phase II)

<b>Grid:</b>	C17
<b>Number of obstructed lines:</b>	3
<b>20% of lines:</b>	0.6

Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference	
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)
71.5	94.80	98.00	28.90	29.88	94.90	98.13	28.93	29.92	0.03	0.04

<b>Grid:</b>	C18
<b>Number of obstructed lines:</b>	0
<b>20% of lines:</b>	0

No gaps.

<b>Grid:</b>	D17
<b>Number of obstructed lines:</b>	20
<b>20% of lines:</b>	4

Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference	
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)
59.5	19.50	23.75	5.95	7.24	19.81	23.80	6.04	7.26	0.09	0.02
65.5	20.90	25.60	6.37	7.80	21.31	25.56	6.50	7.79	0.13	0.01
70	15.90	21.00	4.85	6.40	16.70	20.05	5.09	6.11	0.24	0.29
85	61.00	100.00	18.60	30.49	61.00	100.00	18.60	30.49	0.00	0.00

<b>Grid:</b>	D18
<b>Number of obstructed lines:</b>	7
<b>20% of lines:</b>	1.4

Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference	
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)
3	4.40	11.40	1.34	3.48	6.00	10.00	1.83	3.05	0.49	0.43

<b>Grid:</b>	E20
<b>Number of obstructed lines:</b>	0
<b>20% of lines:</b>	0

No data gaps.

ZAPATAENGINEERING  
Gap Analysis  
Site: Camp Croft (Phase II)

<b>Grid:</b>	E21	No data gaps.
<b>Number of obstructed lines:</b>	0	
<b>20% of lines:</b>	0	

<b>Grid:</b>	F18									
<b>Number of obstructed lines:</b>	6									
<b>20% of lines:</b>	1.2									
Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference	
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)
95.5	84.00	100.00	25.61	30.49	84.00	100.00	25.61	30.49	0.00	0.00
100	83.70	100.00	25.52	30.49	84.00	100.00	25.61	30.49	0.09	0.00

<b>Grid:</b>	F19									
<b>Number of obstructed lines:</b>	39									
<b>20% of lines:</b>	7.8									
Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference	
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)
0	84.00	100.00	25.61	30.49	84.00	100.00	25.61	30.49	0.00	0.00
6	92.50	100.00	28.20	30.49	92.50	100.00	28.20	30.49	0.00	0.00
10.5	94.40	100.00	28.78	30.49	94.50	100.00	28.81	30.49	0.03	0.00
13.5	95.00	100.00	28.96	30.49	95.00	100.00	28.96	30.49	0.00	0.00
70.5	90.50	100.00	27.59	30.49	90.50	100.00	27.59	30.49	0.00	0.00
82.5	92.50	100.00	28.20	30.49	93.00	100.00	28.35	30.49	0.15	0.00
85.5	97.30	100.00	29.66	30.49	97.50	100.00	29.73	30.49	0.06	0.00

<b>Grid:</b>	F20									
<b>Number of obstructed lines:</b>	6									
<b>20% of lines:</b>	1.2									
Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference	
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)
3	54.40	62.20	16.59	18.96	55.21	61.99	16.83	18.90	0.25	0.06
7.5	83.30	100.00	25.40	30.49	84.00	100.00	25.61	30.49	0.21	0.00

ZAPATAENGINEERING  
Gap Analysis  
Site: Camp Croft (Phase II)

<b>Grid:</b>		F21									
<b>Number of obstructed lines:</b>		23									
<b>20% of lines:</b>		4.6									
Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference		
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)	
81	66.60	100.00	20.30	30.49	66.00	100.00	20.12	30.49	0.18	0.00	
84	64.50	100.00	19.66	30.49	64.00	100.00	19.51	30.49	0.15	0.00	
73.5	70.50	100.00	21.49	30.49	70.00	100.00	21.34	30.49	0.15	0.00	
72	92.50	100.00	28.20	30.49	93.00	100.00	28.35	30.49	0.15	0.00	
63	81.00	100.00	24.70	30.49	80.00	100.00	24.39	30.49	0.30	0.00	

<b>Grid:</b>		G19									
<b>Number of obstructed lines:</b>		2									
<b>20% of lines:</b>		0.4									
Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference		
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)	
55.5	8.50	11.00	2.59	3.35	8.04	10.77	2.45	3.28	0.14	0.07	

<b>Grid:</b>		G20									
<b>Number of obstructed lines:</b>		31									
<b>20% of lines:</b>		6.2									
Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference		
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)	
7.5	61.00	100.00	18.60	30.49	62.00	100.00	18.90	30.49	0.30	0.00	
10.5	79.00	100.00	24.09	30.49	80.00	100.00	24.39	30.49	0.30	0.00	
19.5	30.50	34.00	9.30	10.37	29.81	33.75	9.09	10.29	0.21	0.08	
39	65.00	69.90	19.82	21.31	64.50	70.17	19.66	21.39	0.15	0.08	
43.5	70.80	73.20	21.59	22.32	69.31	74.40	21.13	22.68	0.45	0.37	
46.5	93.00	96.20	28.35	29.33	92.29	95.23	28.14	29.03	0.22	0.30	
55.5	62.00	65.70	18.90	20.03	60.94	64.67	18.58	19.72	0.32	0.31	

ZAPATAENGINEERING  
Gap Analysis  
Site: Camp Croft (Phase II)

<b>Grid:</b>		G21									
<b>Number of obstructed lines:</b>		9									
<b>20% of lines:</b>		1.8									
Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference		
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)	
37.5	17.00	100.00	5.18	30.49	17.00	100.00	5.18	30.49	0.00	0.00	
39	15.00	100.00	4.57	30.49	15.00	100.00	4.57	30.49	0.00	0.00	

<b>Grid:</b>		H20									
<b>Number of obstructed lines:</b>		24									
<b>20% of lines:</b>		4.8									
Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference		
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)	
41.5	8.00	12.00	2.44	3.66	7.14	10.73	2.18	3.27	0.26	0.39	
46	4.80	7.40	1.46	2.26	5.50	8.51	1.68	2.59	0.21	0.34	
52	79.90	83.90	24.36	25.58	78.33	83.33	23.88	25.41	0.48	0.17	
56.5	87.70	91.30	26.74	27.84	86.64	90.94	26.41	27.73	0.32	0.11	
76	66.30	69.80	20.21	21.28	67.72	71.33	20.65	21.75	0.43	0.47	

<b>Grid:</b>		H21									
<b>Number of obstructed lines:</b>		49									
<b>20% of lines:</b>		9.8									
Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference		
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)	
21	49.20	52.30	15.00	15.95	48.26	51.74	14.71	15.77	0.29	0.17	
33	25.10	42.00	7.65	12.80	26.66	42.00	8.13	12.80	0.48	0.00	
46.5	0.00	53.20	0.00	16.22	0.00	53.00	0.00	16.16	0.00	0.06	
48	0.00	60.70	0.00	18.51	0.00	60.00	0.00	18.29	0.00	0.21	
52.5	0.00	75.00	0.00	22.87	0.00	75.00	0.00	22.87	0.00	0.00	
54	0.00	75.00	0.00	22.87	0.00	75.00	0.00	22.87	0.00	0.00	
79.5	0.00	1.00	0.00	0.30	0.00	1.00	0.00	0.30	0.00	0.00	
76.5	75.00	100.00	22.87	30.49	75.00	100.00	22.87	30.49	0.00	0.00	
73.5	69.70	100.00	21.25	30.49	69.00	100.00	21.04	30.49	0.21	0.00	
70.5	66.20	100.00	20.18	30.49	65.00	100.00	19.82	30.49	0.37	0.00	

ZAPATAENGINEERING  
Gap Analysis  
Site: Camp Croft (Phase II)

<b>Grid:</b>	H22	No gaps.
<b>Number of obstructed lines:</b>	0	
<b>20% of lines:</b>	0	

<b>Grid:</b>	I20	
<b>Number of obstructed lines:</b>	14	
<b>20% of lines:</b>	2.8	

Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference	
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)
92.5	66.80	69.20	20.37	21.10	65.52	68.76	19.98	20.96	0.39	0.13
85	41.70	44.20	12.71	13.48	40.53	44.11	12.36	13.45	0.36	0.03
70	36.10	38.00	11.01	11.59	35.47	38.37	10.81	11.70	0.19	0.11

<b>Grid:</b>	I21	
<b>Number of obstructed lines:</b>	50	
<b>20% of lines:</b>	10	

Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference	
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)
1.5	87.80	91.50	26.77	27.90	86.90	90.74	26.49	27.66	0.27	0.23
3	137.00	146.00	41.77	44.51	136.08	146.06	41.49	44.53	0.28	0.02
18	14.20	19.00	4.33	5.79	13.88	19.47	4.23	5.94	0.10	0.14
33	34.50	39.90	10.52	12.16	34.54	40.59	10.53	12.38	0.01	0.21
42	65.20	100.00	19.88	30.49	65.00	100.00	19.82	30.49	0.06	0.00
51	55.40	100.00	16.89	30.49	56.00	100.00	17.07	30.49	0.18	0.00
72	0.00	51.70	0.00	15.76	0.00	51.00	0.00	15.55	0.00	0.21
78	47.00	na	14.33		47.00	na	14.33		0.00	
81	41.20	na	12.56		41.00	na	12.50		0.06	
84	28.20	na	8.60		28.00	na	8.54		0.06	

<b>Grid:</b>	I22	No gaps.
<b>Number of obstructed lines:</b>	0	
<b>20% of lines:</b>	0	

ZAPATAENGINEERING  
Gap Analysis  
Site: Camp Croft (Phase II)

<b>Grid:</b>	J20									
<b>Number of obstructed lines:</b>	15									
<b>20% of lines:</b>	3									
Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference	
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)
91	19.50	22.00	5.95	6.71	19.43	22.18	5.92	6.76	0.02	0.05
92.5	25.80	30.80	7.87	9.39	26.01	31.07	7.93	9.47	0.06	0.08
94	26.00	30.50	7.93	9.30	26.67	31.24	8.13	9.52	0.20	0.23

<b>Grid:</b>	J21									
<b>Number of obstructed lines:</b>	62									
<b>20% of lines:</b>	12.4									
Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference	
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)
12	10.00	13.00	3.05	3.96	10.56	13.59	3.22	4.14	0.17	0.18
13.5	4.80	12.70	1.46	3.87	4.82	13.63	1.47	4.16	0.01	0.28
18	21.80	30.80	6.65	9.39	22.24	28.83	6.78	8.79	0.13	0.60
21	68.30	71.20	20.82	21.71	67.60	70.80	20.61	21.59	0.21	0.12
27	91.90	95.00	28.02	28.96	92.11	95.56	28.08	29.13	0.06	0.17
33	34.00	39.00	10.37	11.89	34.82	39.97	10.62	12.19	0.25	0.30
43.5	0.00	24.00	0.00	7.32	0.00	24.00	0.00	7.32	0.00	0.00
48	0.00	27.00	0.00	8.23	0.00	27.00	0.00	8.23	0.00	0.00
54	0.00	32.50	0.00	9.91	0.00	32.00	0.00	9.76	0.00	0.15
57	82.30	85.90	25.09	26.19	82.50	86.88	25.15	26.49	0.06	0.30
60	77.40	86.30	23.60	26.31	77.44	87.09	23.61	26.55	0.01	0.24
61.5	77.30	80.30	23.57	24.48	77.45	80.55	23.61	24.56	0.05	0.08
75	90.50	100.00	27.59	30.49	89.93	100.00	27.42	30.49	0.17	0.00

<b>Grid:</b>	K21									
<b>Number of obstructed lines:</b>	9									
<b>20% of lines:</b>	1.8									
Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference	
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)
48	3.10	8.20	0.95	2.50	3.93	8.12	1.20	2.48	0.25	0.02



**ZAPATAENGINEERING**  
**Gap Analysis**  
**Site: Camp Croft (Phase II)**

<b>Grid:</b>	P20									
<b>Number of obstructed lines:</b>	8									
<b>20% of lines:</b>	1.6									
Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference	
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)
66	98.20	100.00	29.94	30.49	97.82	100.00	29.82	30.49	0.12	0.00
99	96.80	100.00	29.51	30.49	96.97	100.00	29.56	30.49	0.05	0.00

<b>Grid:</b>	P21									
<b>Number of obstructed lines:</b>	35									
<b>20% of lines:</b>	7									
Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference	
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)
9	69.90	73.20	21.31	22.32	69.98	73.24	21.34	22.33	0.02	0.01
12	57.20	60.00	17.44	18.29	57.26	60.48	17.46	18.44	0.02	0.15
24	44.80	49.00	13.66	14.94	45.17	48.17	13.77	14.69	0.11	0.25
27	77.80	82.50	23.72	25.15	78.12	83.13	23.82	25.34	0.10	0.19
30	77.80	81.50	23.72	24.85	77.56	81.44	23.65	24.83	0.07	0.02
37.5	58.80	61.40	17.93	18.72	57.40	60.21	17.50	18.36	0.43	0.36
57	81.50	84.30	24.85	25.70	82.52	84.95	25.16	25.90	0.31	0.20

<b>Grid:</b>	R20									
<b>Number of obstructed lines:</b>	31									
<b>20% of lines:</b>	6.2									
Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference	
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)
99	0.00	0.80	0.00	0.24	0.00	1.41	0.00	0.43	0.00	0.19
97.5	38.50	41.50	11.74	12.65	37.30	40.77	11.37	12.43	0.37	0.22
93	10.00	12.80	3.05	3.90	10.25	13.71	3.13	4.18	0.08	0.28
91.5	17.60	20.90	5.37	6.37	16.37	20.58	4.99	6.27	0.38	0.10
81	92.50	96.00	28.20	29.27	93.61	96.78	28.54	29.51	0.34	0.24
42	26.40	30.00	8.05	9.15	26.70	29.66	8.14	9.04	0.09	0.10

**ZAPATAENGINEERING**  
**Gap Analysis**  
**Site: Camp Croft (Phase II)**

<b>Grid:</b>	R21	
<b>Number of obstructed lines:</b>	30	
<b>20% of lines:</b>	6	

Line	Measured Gap		Measured Gap		Map Gap		Map Gap		Difference	
	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (ft)	Stop (ft)	Start (m)	Stop (m)	Start (m)	Stop (m)
13.5	38.40	41.20	11.71	12.56	38.00	40.71	11.59	12.41	0.12	0.15
15	26.60	28.00	8.11	8.54	26.13	29.22	7.97	8.91	0.14	0.37
16.5	26.00	28.00	7.93	8.54	25.61	28.60	7.81	8.72	0.12	0.18
18	26.50	28.50	8.08	8.69	25.60	28.94	7.80	8.82	0.27	0.13
21	35.70	39.20	10.88	11.95	35.47	38.95	10.81	11.88	0.07	0.08
33	49.50	52.20	15.09	15.91	49.42	52.41	15.07	15.98	0.02	0.06

**APPENDIX F4  
QC GEOPHYSICAL RESULTS**

## **1.0 QC OF INTRUSIVE RESULTS**

1.0.1 There were two major work phases where intrusive investigation occurred. This report addresses the second phase, which took place January 2006. Quality Control steps taken during Phase II are listed below. Anomalies falling outside of these criteria and the steps taken to resolve are listed in the following tables.

- Table F4-1: QC of Anomaly Reacquisition
- Table F4-2: QC of Dig Results
- Table F4-3: QC of Anomaly Excavation

1.0.2 Following are QC steps taken by the site geophysicist for Intrusive Results during Phase II (Croft II).

- Reacquisition
  - Compared the reacquired magnitudes with the original magnitudes.
    - Examined data to find explanation if reacquired target's magnitude was much different from original target's interpreted magnitude.
  - Calculated the offset of the reacquired target from the original target.
    - Examined data to find explanation if reacquired target was more than 18 inches away from the interpreted location.
  - If no anomaly was found during reacquisition, QC team re-checked targets to confirm.
- Dig Results
  - Compared dig offset with reacquired offset from original target.
    - If more than 18 inches from original target, QC team rechecked hole and surrounding area with EM-61.
  - Compared item removed with amplitude of original geophysical anomaly.
    - If it was deemed to not match amplitude, QC team rechecked hole and surrounding area with EM-61.
      - If anomaly still existed near or at target, dig team revisited target with UXO QC present until no anomaly was seen with the EM-61.
  - Compared item removed with target on data map.
    - If it was deemed that item did not match size and shape of target, QC team rechecked hole and surrounding area with EM-61.
      - If anomaly still existed near or at target, dig team revisited target with UXO QC present until no anomaly was seen with the EM-61.
  - Random targets were checked by QC team with the EM-61  
If anomaly still existed near or at target, dig team revisited target with UXO QC present until no anomaly was seen with the EM-61.

## **1.1 OUTSTANDING TARGETS**

Table 1-1 lists targets that were selected for investigation, but were not investigated (for the reason listed). Some of the targets are QC revisits and others are listed for initial investigation.

**TABLE 1-1 PRIORITY 1 ANOMALIES NOT INVESTIGATED**

D17_37	Target added 1/25, didn't have time to dig.
G20_66	Target added 1/25, didn't have time to dig.
G20_67	Red brick recovered, anomaly still present when checked by QC team. Didn't have time to revisit with dig team.
G20_68	Target added 1/25, didn't have time to dig.
H21_C2	Target not dug.
H21_47	Target not dug.
H21_C18	Target not dug.
H21_63	Anomaly still present after 3 nails recovered. Didn't have time to revisit with dig team.
I20_C3	(Same as I21_C3) Anomaly present on random QC check. Dig team didn't have time to revisit.
I20_41	Target added 1/25, didn't have time to dig.
I21_C3	Anomaly present on random QC check. Dig team didn't have time to revisit.
J21_C5	Anomaly still present after 3 nails recovered. Didn't have time to revisit with dig team.
J21_38	Anomaly still present after multiple pieces of wire recovered. Didn't have time to revisit with dig team.
J21_59	Target added 1/25, didn't have time to dig.
P20_11	Target added 1/25, didn't have time to dig.
P21_24	Target added 1/25, didn't have time to dig.
P21_56	Target not dug.
P21_61	Target added 1/25, didn't have time to dig.
R20_47	Target added 1/25, didn't have time to dig.

**Table F4-1: QC of Anomaly Reacquisition**

Target ID	Easting, UTMm 17N NAD83	Northing, UTMm 17N NAD83	Channel 1, mV	Chi2 Value	Reacq Date 1	Reacq Offset 1, in	Reacq Channel Difference 1, mV	Reacq Chi2 Difference 1	Reacq QC Comments 1	Reacq Date 2	Reacq Offset 2, in	Reacq Channel Difference 2, mV	Reacq Chi2 Difference 2	Reacq QC Comments 2
R21_D7	421493.02	3863338.21	3		1/6/06				No Reacquirable Target					
R21_D6	421497.10	3863326.59	3		1/6/06				No Reacquirable Target					
R21_D5	421494.81	3863326.25	2		1/6/06				No Reacquirable Target, Rechecked 1/7, still no target					
R21_D4	421500.92	3863325.24	3		1/6/06				No Reacquirable Target, Rechecked 1/7, still no target					
R21_D3	421505.40	3863324.81	3		1/6/06				No Reacquirable Target					
R21_D2	421486.00	3863328.92	2		1/6/06				No Reacquirable Target					
R21_D1	421488.00	3863334.81	2		1/6/06	0	6	4	Discretionary target detected					
R21_C5	421487.49	3863346.25	47	6	1/6/06	0	32	1						
R21_C4	421488.42	3863338.32	13	5	1/6/06	0	4	0						
R21_C3	421490.72	3863333.60	30	5	1/6/06	13	22	3						
R21_C2	421487.99	3863327.20	61	4	1/6/06	0	8	1						
R21_77	421485.66	3863347.47	29		1/6/06	0	5	2						
R21_76	421486.58	3863346.56	27		1/6/06	0	25	8						
R21_73	421485.21	3863344.12	33		1/6/06	0	120	15	Filtering may have lowered amplitude in processing, could be different direction from data collection.					
R21_71	421491.16	3863343.50	30		1/6/06	0	1	3						
R21_70	421485.67	3863343.51	11		1/6/06	0	2	2						
R21_67	421485.22	3863342.14	23		1/6/06	0	10	2						
R21_64	421484.76	3863341.07	19		1/6/06	0	13	1						
R21_61	421487.96	3863338.78	17		1/6/06	30	0	5	Close to data gap					
R21_45	421497.12	3863333.30	20		1/6/06	0	20	1						
R21_43	421490.26	3863332.99	22		1/6/06	3	14	1						
R21_41	421496.66	3863332.69	18		1/6/06	9	21	1						
R21_30	421490.27	3863330.86	16		1/6/06	1	35	8						
R21_12	421499.42	3863326.14	45		1/6/06	0	38	1						
R21_11	421492.10	3863325.98	7		1/6/06	24	1	0	Reacq location within data gap					
R21_10	421498.66	3863325.83	33		1/6/06	0	15	4						
R20_D7	421478.01	3863339.00	2		1/6/06	0	1	2	Discretionary target detected					
R20_D6	421477.19	3863323.68	3		1/6/06	0	2	1	Discretionary target detected					
R20_D5	421482.44	3863351.69	4		1/6/06	4	4	2	Discretionary target detected					
R20_D4	421476.20	3863346.25	3		1/6/06				No Reacquirable Target					
R20_D3	421474.37	3863345.68	3		1/6/06				No Reacquirable Target					
R20_D2	421483.55	3863336.69	2		1/6/06	0	12	4	Discretionary target detected					
R20_D1	421479.69	3863328.93	2		1/6/06	0	3	3	Discretionary target detected					
R20_C9	421472.09	3863340.31	25	5	1/6/06	0	15	5						
R20_C8	421475.76	3863338.94	106	5	1/6/06	0	39	0						
R20_C7	421474.84	3863338.79	224	10	1/6/06	4	100	6	Filtering may have lowered amplitude in processing.					
R20_C6	421472.10	3863337.72	233	24	1/6/06	0	108	18	Filtering may have lowered amplitude in processing.					

**Table F4-1: QC of Anomaly Reacquisition**

Target ID	Easting, UTMm 17N NAD83	Northing, UTMm 17N NAD83	Channel 1, mV	Chi2 Value	Reacqu Date 1	Reacqu Offset 1, in	Reacqu Channel Difference 1, mV	Reacqu Chi2 Difference 1	Reacqu QC Comments 1	Reacqu Date 2	Reacqu Offset 2, in	Reacqu Channel Difference 2, mV	Reacqu Chi2 Difference 2	Reacqu QC Comments 2
R20_C5	421475.76	3863336.20	12	4	1/6/06				No Reacquirable Target, spike on one profile, on the side of a large anomaly (#50), rechecked 1/7, still no target, possibly due to edge of terrace					
R20_C3	421482.64	3863330.40	22	5	1/6/06	0	5	2						
R20_C2	421473.95	3863324.92	6	4	1/6/06				No Reacquirable Target, could be part of C1, rechecked 1/7, still no target, possibly due to edge of terrace.					
R20_C14	421483.98	3863347.32	34	8	1/6/06	14	22	8						
R20_C13	421477.12	3863342.14	55	6	1/6/06	13	3	2						
R20_C12	421471.17	3863341.84	10	5	1/6/06	4	2	3						
R20_C11	421482.17	3863340.77	145	8	1/6/06	0	28	0						
R20_C10	421473.46	3863340.47	28	5	1/6/06	0	23	6						
R20_C1	421473.95	3863323.85		4	1/5/06	14		1	No Channel 1 value in chart, due to being 18 inches from channel 1 (#2) target?					
R20_68	421481.24	3863346.86	16		1/6/06	4	5	3						
R20_63	421477.89	3863342.45	12		1/6/06	12	40	8						
R20_60	421484.45	3863341.98	16		1/6/06	0	2	4						
R20_55	421484.46	3863340.00	43		1/6/06	0	10	2						
R20_53	421470.26	3863339.10	18		1/6/06	0	30	11						
R20_50	421476.22	3863338.06	22		1/6/06	5	8	4						
R20_45	421469.35	3863336.96	11		1/6/06	0	2	3						
R20_44	421475.30	3863336.81	25		1/6/06	0	1	5						
R20_42	421473.47	3863336.20	29		1/6/06	4	0	2						
R20_41	421474.24	3863336.04	18		1/6/06	3	4	2						
R20_4	421482.65	3863325.21	13		1/6/06	0	2	2						
R20_38	421478.97	3863335.13	10		1/6/06	0	3	1						
R20_36	421467.83	3863334.98	9		1/6/06	0	0	2						
R20_33	421477.60	3863334.67	14		1/6/06	0	0	2						
R20_32	421482.64	3863334.21	17		1/6/06	0	5	2						
R20_31	421478.51	3863334.21	8		1/6/06	0	6	2						
R20_29	421466.76	3863334.22	10		1/6/06	0	3	3						
R20_28	421481.72	3863333.91	12		1/6/06	0	2	2						
R20_25	421475.77	3863332.69	17		1/6/06	0	35	10						
R20_24	421476.68	3863332.54	6		1/5/06	1	5	9						
R20_23	421473.48	3863332.47	9		1/5/06	0	13	2						
R20_20	421472.49	3863331.93	9		1/5/06	1	11	2						
R20_18	421468.44	3863331.63	13		1/6/06				No Reacquirable Target, QC team rechecked 1/7, still no target, located on edge of terrace.					
R20_14	421473.02	3863330.80	13		1/6/06				No Reacquirable Target, most likely part of target #16, QC team rechecked 1/7, still no target					
R20_1	421474.87	3863323.54	23		1/5/06	2	57	12	Near edge of grid, larger peak could have been barely outside processed data					

**Table F4-1: QC of Anomaly Reacquisition**

Target ID	Easting, UTMm 17N NAD83	Northing, UTMm 17N NAD83	Channel 1, mV	Chi2 Value	Reacq Date 1	Reacq Offset 1, in	Reacq Channel Difference 1, mV	Reacq Chi2 Difference 1	Reacq QC Comments 1	Reacq Date 2	Reacq Offset 2, in	Reacq Channel Difference 2, mV	Reacq Chi2 Difference 2	Reacq QC Comments 2
P21_D9	421503.86	3863320.48	2		1/5/06				No Reacquirable Target, Rechecked 1/7, still no target					
P21_D8	421486.17	3863322.80	3		1/5/06				No Reacquirable Target					
P21_D7	421505.80	3863315.11	2		1/5/06				No Reacquirable Target					
P21_D6	421496.21	3863312.38	2		1/5/06				No Reacquirable Target					
P21_D5	421493.46	3863313.45	2		1/5/06				No Reacquirable Target					
P21_D4	421489.85	3863311.14	2		1/5/06				No Reacquirable Target					
P21_D3	421494.39	3863305.81	2		1/5/06				No Reacquirable Target, Rechecked 1/7, still no target					
P21_D2	421489.38	3863310.01	2		1/5/06				No Reacquirable Target					
P21_D19	421509.90	3863319.26	1		1/5/06				No Reacquirable Target					
P21_D18	421489.81	3863320.22	1		1/5/06				No Reacquirable Target					
P21_D17	421487.99	3863316.90	2		1/5/06				No Reacquirable Target					
P21_D16	421489.37	3863303.80	1		1/5/06				No Reacquirable Target					
P21_D15	421495.77	3863317.41	1		1/5/06				No Reacquirable Target					
P21_D14	421486.17	3863319.09	3		1/5/06				No Reacquirable Target					
P21_D13	421508.61	3863319.65	3		1/5/06				No Reacquirable Target, Rechecked 1/7, still no target					
P21_D12	421487.47	3863306.24	2		1/5/06				No Reacquirable Target					
P21_D11	421499.86	3863312.80	2		1/5/06				No Reacquirable Target, Rechecked 1/7, still no target					
P21_D10	421500.75	3863309.09	1		1/5/06				No Reacquirable Target					
P21_D1	421490.89	3863313.42	3		1/5/06				No Reacquirable Target, Rechecked 1/7, still no target					
P21_C4	421489.82	3863323.39	71	7	1/5/06	4	13	3						
P21_C2	421492.09	3863311.22	31	5	1/5/06	16	12	2						
P21_8	421488.88	3863307.88	49		1/5/06	15	9	5						
P21_70	421498.05	3863322.03	9		1/5/06	18	11	2	Near data gap (maybe tree with barbed wire?)					
P21_69	421488.45	3863322.02	24		1/5/06	13	11	3						
P21_62	421488.90	3863321.41	13		1/5/06	11	0	3						
P21_56	421497.59	3863320.66	12		1/5/06	26	8	2	Near data gap (maybe tree with barbed wire?)					
P21_55	421498.96	3863320.51	34		1/5/06	16	5	5						
P21_10	421491.17	3863308.49	16		1/5/06	27	1	2	Near data gap					
P20_D2	421483.11	3863318.31	2		1/5/06				No Reacquirable Target					
P20_D1	421482.65	3863319.41	3		1/5/06				No Reacquirable Target					
P20_C1	421482.66	3863322.32	38	7	1/5/06	0	8	1						
P20_5	421482.42	3863315.48	20		1/5/06	22	2	5	Large anomaly. Orig 3 targets. Orig peak could have been slightly off.					
P20_18	421472.17	3863323.41	23		1/5/06	0	6	2						
P20_15	421480.84	3863321.26	21		1/5/06	0	6	4						
P20_13	421479.92	3863320.73	25		1/5/06	4	9	1						
K21_C7	421485.62	3863172.31	30	5	1/6/06	6	30	4						
K21_C6	421500.70	3863172.14	54	6	1/6/06	36	29	10	Near Data Gap.					
K21_C5	421498.42	3863171.54	54	8	1/6/06	0	3	5						
K21_C3	421512.13	3863171.38	46	11	1/6/06	12	24	5						
K21_C2	421502.53	3863171.38	1160	932	1/6/06	13	10340	6568	Large metal stake, hard to get accurate mV reading on reacq.					

**Table F4-1: QC of Anomaly Reacquisition**

Target ID	Easting, UTMm 17N NAD83	Northing, UTMm 17N NAD83	Channel 1, mV	Chi2 Value	Reacq Date 1	Reacq Offset 1, in	Reacq Channel Difference 1, mV	Reacq Chi2 Difference 1	Reacq QC Comments 1	Reacq Date 2	Reacq Offset 2, in	Reacq Channel Difference 2, mV	Reacq Chi2 Difference 2	Reacq QC Comments 2
K21_C1	421503.90	3863171.23	8705	599	1/6/06	31	2795	6501	Large metal stake, hard to get accurate mV reading on reacq, reacq position off grid.					
K21_9	421495.22	3863173.67	14		1/6/06	8	13	1						
K21_8	421503.44	3863172.30	1331		1/6/06	18	866	49	Large metal stake, hard to get accurate mV reading on reacq. No Chi target picked.					
K21_13	421492.93	3863175.20	16		1/6/06	48	3	2						
K21_10	421495.22	3863174.28	16		1/6/06	8	3	2						
K20_C1	421481.96	3863171.24	41	5	1/8/2006	0	14	5						
J22_C9	421531.17	3863165.28	50	8	1/9/06	5	28	4						
J22_C8	421522.03	3863164.22	43	6	1/9/06	0	3	3						
J22_C6	421515.62	3863160.57	7	5	1/9/06	20	0	0	Relocated to orig target 18 that was not selected for digging.					
J22_C5	421527.51	3863159.80	61	9	1/9/06	8	16	0						
J22_C3	421522.94	3863155.84	48	7	1/9/06	12	24	3						
J22_C2	421518.36	3863145.04	62	6	1/9/06	0	13	1						
J22_C12	421515.63	3863170.76	41	6	1/9/06	7	3	3						
J22_C11	421522.49	3863166.50	8	7	1/9/06	25	45	21	Near data gap. Relocated to within data gap.					
J22_C10	421545.50	3863166.04	50	5	1/9/06	8	35	3						
J22_C1	421542.59	3863144.71	66	5	1/9/06	3	27	3						
J22_28	421516.09	3863165.59	5		1/9/06	42	5	3	Near data gap.					
J22_25	421522.94	3863164.16	21		1/9/06	13	4	6						
J21_C9	421501.15	3863156.76	48	6	1/6/06	0	20	3						
J21_C8	421498.87	3863154.02	29	8	1/6/06	0	21	1						
J21_C7	421497.95	3863152.50		4	1/6/06	6	33	0	Need to fix data gap					
J21_C6	421486.53	3863147.33	58	6	1/6/06	18	26	3						
J21_C5	421496.12	3863142.91	89	10	1/6/06	6	19	1						
J21_C4	421485.15	3863141.54		14	1/8/2006	9	93	19						
J21_C3	421490.33	3863141.39	11	7	1/6/06	8	13	5						
J21_C24	421505.73	3863169.55	43	26	1/8/2006	11	102	46						
J21_C23	421510.76	3863169.09	5	6	1/8/2006	19	2	3	Located on next line over.					
J21_C22	421502.53	3863168.49	79	23	1/8/2006	13	63	18						
J21_C21	421493.39	3863168.19	21	4	1/8/2006	12	33	6						
J21_C20	421512.12	3863164.83		5	1/8/2006	11	23	5						
J21_C2	421485.61	3863140.93	33	14	1/8/2006	9	67	20						
J21_C19	421486.84	3863164.23	52	7	1/6/06	0	10	2						
J21_C18	421507.55	3863163.61	12	11	1/7/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Near data.					
J21_C17	421511.21	3863163.31	8	5	1/8/2006	10	17	6						
J21_C16	421512.58	3863162.85	9	5	1/8/2006	9	36	12						
J21_C15	421514.86	3863160.26	4	6	1/8/2006	9	4	3						
J21_C14	421505.27	3863160.27	36	7	1/8/2006	0	29	6						
J21_C13	421503.90	3863160.27		6	1/8/2006	9	79	6						
J21_C12	421486.53	3863159.21	81	10	1/6/06	0	5	2						
J21_C11	421509.83	3863158.89	11	5	1/6/06	0	12	3						
J21_C10	421509.38	3863157.83	19	6	1/6/06	16	1	2						
J21_C1	421484.70	3863140.78	71	12	1/8/2006	0	35	3						
J21_9	421493.38	3863141.39	19		1/6/06	12	8	3						
J21_84	421511.37	3863170.62	13		1/8/2006	15	3	2						

**Table F4-1: QC of Anomaly Reacquisition**

Target ID	Easting, UTMm 17N NAD83	Northing, UTMm 17N NAD83	Channel 1, mV	Chi2 Value	Reacqu Date 1	Reacqu Offset 1, in	Reacqu Channel Difference 1, mV	Reacqu Chi2 Difference 1	Reacqu QC Comments 1	Reacqu Date 2	Reacqu Offset 2, in	Reacqu Channel Difference 2, mV	Reacqu Chi2 Difference 2	Reacqu QC Comments 2
J21_83	421501.62	3863169.71	8		1/8/2006	7	31	9						
J21_81	421513.04	3863169.24	15		1/8/2006	15	1	4						
J21_79	421502.07	3863169.10	15		1/8/2006	13	15	7						
J21_73	421490.19	3863166.82	38		1/6/06	6	14	7						
J21_72	421490.64	3863165.91	5		1/7/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Could be part of 73.					
J21_7	421492.92	3863140.93	21		1/6/06	17	6	3						
J21_68	421512.12	3863164.22	14		1/8/2006	10	16	6						
J21_64	421491.56	3863163.17	11		1/6/06	6	41	6						
J21_6	421485.61	3863140.93	33		1/8/2006	9	67	34						
J21_58	421507.55	3863161.33	48		1/8/2006	16	12	3						
J21_57	421503.44	3863160.42	52		1/8/2006	0	18	5						
J21_51	421485.62	3863159.36	34		1/6/06	0	6	4						
J21_5	421512.56	3863140.78	34		1/8/2006	11	80	1						
J21_45	421506.18	3863158.13	23		1/6/06	0	20	9						
J21_42	421489.27	3863157.53	30		1/6/06	0	10	6						
J21_41	421508.46	3863156.91	13		1/6/06	18	5	4						
J21_4	421511.65	3863140.78	69		1/8/2006	6	14	1						
J21_38	421486.99	3863155.86	34		1/6/06	12	6	6						
J21_32	421500.24	3863154.79	12		1/6/06	17	10	8						
J21_30	421488.36	3863153.80	16		1/6/06	13	34	3						
J21_27	421487.90	3863153.27	28		1/6/06	35	2	3	Near Data Gap.					
J21_25	421497.49	3863152.35	27		1/6/06	8	6	5						
J21_24	421491.40	3863151.36	25		1/6/06	12	9	5						
J21_20	421497.49	3863150.22	14		1/6/06	12	11	3						
J20_C9	421481.96	3863161.03	41	6	1/8/2006	0	8	3						
J20_C8	421484.24	3863157.38	11	6	1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Small target, could be noise.					
J20_C7	421478.76	3863152.05	98	11	1/8/2006	9	17	5						
J20_C5	421481.04	3863148.54	13	4	1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Small target, could be noise.					
J20_C4	421482.87	3863147.48	118	7	1/8/2006	16	62	7						
J20_C3	421477.85	3863144.43	30	6	1/8/2006	13	43	7						
J20_C2	421478.76	3863141.38		5	1/8/2006	25	56	1	Same as 3, moved there.					
J20_C11	421482.42	3863166.52		6	1/8/2006	8	83	0						
J20_C10	421483.79	3863161.49	81	11	1/8/2006	0	2	3						
J20_C1	421484.70	3863140.78	71	12	1/8/2006	0	14	1						
J20_9	421481.96	3863145.04	16		1/8/2006	9	10	1						
J20_7	421479.67	3863143.21	4		1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Small target, most likely noise.					
J20_6	421480.13	3863142.60	4		1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Small target, most likely noise.					
J20_5	421478.76	3863142.15	10		1/8/2006	6	8	3						

**Table F4-1: QC of Anomaly Reacquisition**

Target ID	Easting, UTMm 17N NAD83	Northing, UTMm 17N NAD83	Channel 1, mV	Chi2 Value	Reacqu Date 1	Reacqu Offset 1, in	Reacqu Channel Difference 1, mV	Reacqu Chi2 Difference 1	Reacqu QC Comments 1	Reacqu Date 2	Reacqu Offset 2, in	Reacqu Channel Difference 2, mV	Reacqu Chi2 Difference 2	Reacqu QC Comments 2
J20_34	421481.20	3863166.21	9		1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Possibly part of C11.					
J20_33	421482.27	3863166.06	72		1/8/2006	16	11	6						
J20_31	421479.68	3863162.56	34		1/8/2006	13	9	5						
J20_3	421479.21	3863140.93	28		1/8/2006	0	28	4						
J20_25	421482.42	3863156.16	6		1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Possibly caused by bumping into tree. Small target, could be noise.					
J20_23	421483.33	3863155.55	5		1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Possibly caused by bumping into tree. Small target, could be noise.					
J20_22	421483.33	3863152.96	17		1/8/2006	0	35	6						
J20_20	421477.70	3863152.50	4		1/8/2006	17	39	8						
J20_17	421482.42	3863150.83	7		1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Possibly caused by bumping into tree. Small target, could be noise.					
J20_14	421482.41	3863148.62	219	13	1/8/2006	20	181	7	Near data gap.					
J20_11	421481.96	3863146.11	20		1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Could be part of 9 or from tree.					
J20_10	421481.04	3863145.95	14		1/8/2006	15	8	1						
J20_1	421477.84	3863140.77	48		1/8/2006	7	36	3						
I22_C4	421515.61	3863140.78		4	1/9/06		14	10	3					
I22_C1	421526.12	3863111.97	4	4	1/9/06		8	22	8					
I22_9	421517.89	3863118.37	14		1/9/06		24	19	8	Moved to target 8 which was not selected for digging.				
I22_4	421529.85	3863113.19	24		1/9/06		0	6	7					
I22_2	421516.51	3863110.90	12		1/9/06		0	20	6					
I21_C9	421489.73	3863129.35		4	1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Very rough terrain. Could be part of 50.					
I21_C8	421487.90	3863129.04	66	8	1/8/2006	6	7	1						
I21_C6	421494.30	3863120.96	13	6	1/8/2006	10	33	2						
I21_C5	421497.49	3863119.89	46	6	1/8/2006	0	18	5						
I21_C4	421501.14	3863118.98	17	9	1/8/2006	12	14	7						
I21_C3	421484.71	3863116.70	82	10	1/8/2006	10	27	11						
I21_C2	421486.54	3863115.17	76	7	1/8/2006	0	8	0						
I21_C12	421484.70	3863140.78	68	20	1/8/2006	0	17	9						
I21_C11	421485.16	3863136.20		12	1/8/2006	9	132	5	No CH1 value in database.					
I21_C1	421514.83	3863110.29	40	4	1/8/2006	12	43	9						
I21_8	421514.23	3863112.50	26		1/8/2006	13	18	3						
I21_77	421512.56	3863140.78	35		1/8/2006	9	24	2						
I21_74	421511.65	3863140.47	80		1/8/2006	15	24	1						
I21_71	421513.02	3863138.34	14		1/8/2006	0	2	1						
I21_70	421491.09	3863136.51	5		1/8/2006	34	56	12	Could be part of 67.					

**Table F4-1: QC of Anomaly Reacquisition**

Target ID	Easting, UTMm 17N NAD83	Northing, UTMm 17N NAD83	Channel 1, mV	Chi2 Value	Reacqu Date 1	Reacqu Offset 1, in	Reacqu Channel Difference 1, mV	Reacqu Chi2 Difference 1	Reacqu QC Comments 1	Reacqu Date 2	Reacqu Offset 2, in	Reacqu Channel Difference 2, mV	Reacqu Chi2 Difference 2	Reacqu QC Comments 2
I21_68	421484.70	3863136.05	103		1/8/2006	10	29	17						
I21_50	421491.10	3863129.04	12		1/8/2006	4	28	3						
I21_49	421490.18	3863129.04	21		1/8/2006	5	12	2						
I21_45	421490.18	3863128.28	6		1/8/2006	20	7	3	On edge of larger anomaly, hard to pick and locate.					
I21_43	421485.62	3863127.21	10		1/8/2006	7	0	1						
I21_42	421487.45	3863127.06	7		1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Right next to large log. Small target, most likley noise.					
I21_41	421484.71	3863127.06	8		1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Right next to large log.					
I21_37	421486.08	3863126.30	13		1/8/2006	15	6	1						
I21_36	421485.16	3863126.30	12		1/8/2006	0	1	1						
I21_29	421494.30	3863122.79	9		1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Possibly caused by bumping into tree. Near data gap.					
I21_22	421496.27	3863119.74	8		1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Could be part of C5.					
I21_12	421490.19	3863116.24	3		1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Possibly caused by bumping into tree. Very small anomaly, only on one line. Most likley noise.					
I20_C9	421484.70	3863135.75	82	9	1/8/2006	10	50	8						
I20_C8	421482.42	3863133.92	12	4	1/8/2006	13	11	1						
I20_C7	421474.65	3863133.92	1313	295	1/8/2006	15	9290	847	Large object, hard to duplicated response.					
I20_C6	421473.74	3863129.04	17	5	1/8/2006	12	0	3						
I20_C5	421481.05	3863125.69	31	4	1/8/2006	18	21	2						
I20_C4	421477.39	3863123.40		6	1/8/2006	22	63	1	Same as 17, moved there.					
I20_C3	421484.41	3863117.76	87	12	1/8/2006	13	22	197	On edge of grid.					
I20_C2	421473.28	3863117.31	40	4	1/8/2006	12	33	6						
I20_C1	421470.99	3863112.73		17	1/8/2006	12	265	10	No CH1 value in database					
I20_6	421472.82	3863113.34	28		1/8/2006	0	1	2						
I20_5	421471.91	3863113.04	35		1/8/2006	19	8	2	Near data gap.					
I20_48	421479.37	3863140.77	29		1/8/2006	0	13	3						
I20_47	421478.30	3863140.77	38		1/8/2006	0	5	3						
I20_38	421481.96	3863133.16	7		1/8/2006	13	16	5						
I20_36	421482.42	3863132.09	14		1/8/2006	15	7	2						
I20_35	421482.42	3863130.26	43		1/8/2006	10	40	6						
I20_34	421481.50	3863129.95	38		1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Could be part of 35.					
I20_31	421474.65	3863128.12	11		1/8/2006	0	6	2						
I20_30	421481.05	3863127.67	20		1/8/2006	17	13	4						
I20_29	421479.22	3863127.67	43		1/8/2006	12	17	6						

**Table F4-1: QC of Anomaly Reacquisition**

Target ID	Easting, UTMm 17N NAD83	Northing, UTMm 17N NAD83	Channel 1, mV	Chi2 Value	Reacq Date 1	Reacq Offset 1, in	Reacq Channel Difference 1, mV	Reacq Chi2 Difference 1	Reacq QC Comments 1	Reacq Date 2	Reacq Offset 2, in	Reacq Channel Difference 2, mV	Reacq Chi2 Difference 2	Reacq QC Comments 2
I20_28	421476.94	3863127.38	8		1/8/2006	17	7	4						
I20_24	421476.48	3863126.75	17		1/8/2006	12	2	4						
I20_2	421470.54	3863110.91	18		1/8/2006	10	37	10						
I20_17	421478.00	3863123.25	40		1/8/2006	22	23	8	Same as C4					
I20_16	421477.09	3863122.79	6		1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Could be caused my 17.					
H22_C8	421515.14	3863109.98	64	5	1/9/06	16	19	7						
H22_C6	421530.84	3863107.55	61	6	1/9/06	5	15	6						
H22_C5	421516.52	3863095.51	50	7	1/9/06	13	8	2						
H22_C4	421519.72	3863088.50	54	5	1/9/06	8	22	4						
H22_C3	421516.98	3863085.15	64	22	1/9/06	14	8	1						
H22_C2	421517.89	3863084.69	51	17	1/9/06	18	21	6						
H22_C1	421517.44	3863080.58	20	5	1/9/06	6	13	4						
H22_9	421520.63	3863087.74	23		1/9/06	0	12	7						
H22_17	421525.74	3863093.23	19		1/9/06	9	8	4						
H22_15	421519.72	3863091.85	21		1/9/06	13	6	2						
H22_12	421516.06	3863090.33	25		1/9/06	10	14	2						
H22_11	421517.43	3863090.03	50		1/9/06	13	27	4						
H21_C9	421508.90	3863093.38	21	5	1/9/06	3	13	3						
H21_C8	421510.27	3863091.86	42	5	1/9/06	16	2	3						
H21_C7	421485.61	3863091.71	4895	198	1/9/06	0	127	52	On apparent pipeline.					
H21_C6	421486.97	3863088.97	36	13	1/9/06	30	25	8	Same as #17, moved there.					
H21_C5	421506.16	3863088.81	35	6	1/9/06	8	13	1						
H21_C4	421491.54	3863085.77	176	75	1/9/06	8	422	19	Large anomaly					
H21_C3	421491.54	3863081.81	18	4	1/9/06	20	30	1	Moved closer to C2. C2 moved to C1.					
H21_C23	421493.38	3863107.40	56	6	1/9/06	16	52	11						
H21_C22	421487.45	3863107.10	5	5	1/9/06	12	13	3						
H21_C21	421509.82	3863105.72	74	10	1/9/06	14	6	1						
H21_C20	421499.77	3863103.44		17	1/9/06	18	395	39	No channel 1 value in database.					
H21_C2	421491.08	3863080.59	15	5	1/9/06	1	0	3						
H21_C19	421499.32	3863102.37	420	45	1/9/06	0	25	11						
H21_C17	421507.53	3863100.84	23	6	1/9/06	30	1	1	Near data gap.					
H21_C16	421511.19	3863100.23	29	5	1/9/06	12	6	0						
H21_C15	421497.49	3863099.93		4	1/9/06	0	22	6						
H21_C14	421484.70	3863099.33	72	8	1/9/06	0	17	7						
H21_C13	421485.16	3863099.02	55	6	1/9/06	22	34	9	Same as C11, moved there.					
H21_C12	421504.34	3863096.12	1645	53	1/9/06	0	22	12						
H21_C11	421488.35	3863095.37	20	6	1/9/06	0	29	5						
H21_C10	421495.66	3863093.84	1700	68	1/9/06	0	145	4	On pipeline at edge of gap from creek.					
H21_C1	421491.08	3863079.83	10	5	1/9/06	18	5	3						
H21_63	421494.91	3863107.55	57		1/9/06	0	36	6						
H21_60	421497.04	3863106.94	23		1/9/06	12	3	3						
H21_57	421484.71	3863106.94	18		1/9/06	6	22	1						
H21_56	421497.49	3863106.18	10		1/9/06	12	8	3						
H21_52	421508.29	3863104.20	15		1/9/06	11	3	4						
H21_51	421500.23	3863103.89	97		1/9/06	14	118	33	On large target. Filtering may have lowered peak.					
H21_42	421497.03	3863100.24	17		1/9/06	6	10	7						
H21_41	421512.40	3863100.08	12		1/9/06	14	0	4						

**Table F4-1: QC of Anomaly Reacquisition**

Target ID	Easting, UTMm 17N NAD83	Northing, UTMm 17N NAD83	Channel 1, mV	Chi2 Value	Reacqu Date 1	Reacqu Offset 1, in	Reacqu Channel Difference 1, mV	Reacqu Chi2 Difference 1	Reacqu QC Comments 1	Reacqu Date 2	Reacqu Offset 2, in	Reacqu Channel Difference 2, mV	Reacqu Chi2 Difference 2	Reacqu QC Comments 2
H21_38	421498.10	3863099.48	10		1/9/06	9	10	8						
H21_33	421513.93	3863097.03	19		1/9/06	0	18	5						
H21_23	421508.90	3863091.86	27		1/9/06	6	16	5						
H21_21	421514.39	3863090.48	34		1/9/06	0	20	9						
H21_18	421508.90	3863087.90	45		1/9/06	0	7	7						
H21_17	421486.52	3863087.75	16		1/9/06	24	45	21	Same as target C6, moved together.					
H21_13	421506.31	3863084.85	34		1/9/06	12	1	6						
H21_12	421507.08	3863084.55	34		1/9/06	22	1	6	Same as target 13, moved there.					
H20_C9	421480.12	3863094.15	24	5	1/8/2006	15	20	4						
H20_C8	421477.38	3863092.63	18	8	1/8/2006	11	32	5						
H20_C7	421484.24	3863091.41		173	1/8/2006	0	4330	24	No CH1 value in database.					
H20_C6	421470.52	3863089.27		8	1/8/2006	0	151	14	No CH1 value in database.					
H20_C5	421469.60	3863088.51		12	1/8/2006	31	151	10	No CH1 value in database. Same as C6, moved there.					
H20_C4	421476.00	3863083.49	1984	179	1/8/2006	8	1976	177	Near data gap. Moved Barbed wire from surface and still got 8mV anomaly					
H20_C3	421466.39	3863082.41	33	4	1/8/2006	13	12	0						
H20_C19	421471.45	3863109.23		6	1/8/2006	12	42	3						
H20_C18	421483.80	3863108.47	20	7	1/8/2006	5	18	6						
H20_C17	421476.48	3863106.49	67	4	1/8/2006	0	18	3						
H20_C16	421473.28	3863106.03	8	6	1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Only seen on one profile, could be noise.					
H20_C15	421469.62	3863105.73	54	22	1/8/2006	12	2399	127	Metal on surface, hard to duplicated response.					
H20_C14	421473.73	3863103.44	227	28	1/8/2006	0	57	3						
H20_C13	421469.61	3863103.44	125	17	1/8/2006	0	111	3						
H20_C12	421477.39	3863101.77	5	4	1/8/2006	10	5	3						
H20_C11	421484.70	3863099.33	77	7	1/8/2006	0	12	8						
H20_C10	421469.15	3863094.30		8	1/8/2006	21	61	194	Same as 45, moved to there.					
H20_C1	421460.45	3863080.58		12	1/8/2006	30	333	32	No CH1 value in database. On edge of data.					
H20_84	421477.55	3863109.99	17		1/8/2006	10	0	5						
H20_81	421480.60	3863109.69	30		1/8/2006	0	17	7						
H20_79	421470.99	3863109.69	17		1/8/2006	16	112	49	Second anomaly to the southwest may have increased relocate amplitude.					
H20_78	421479.68	3863109.53	40		1/8/2006	0	80	8						
H20_75	421471.91	3863108.77	11		1/8/2006	18	31	9						
H20_71	421478.31	3863107.49	15		1/8/2006	13	19	2						
H20_69	421484.26	3863106.79	30		1/8/2006	14	10	1						
H20_65	421475.56	3863105.73	41		1/8/2006	18	17	1						
H20_64	421477.85	3863104.89	14		1/8/2006	20	13	2	Near data gap.					
H20_6	421460.45	3863081.15	30		1/8/2006	0	303	44	On edge of grid. Relocated outside of grid with larger peak.					
H20_59	421470.07	3863102.83	101		1/8/2006	0	81	3						
H20_5	421467.76	3863081.04	7		1/8/2006	14	2	1						
H20_45	421469.61	3863094.60	7		1/8/2006	15	54	20						

**Table F4-1: QC of Anomaly Reacquisition**

Target ID	Easting, UTMm 17N NAD83	Northing, UTMm 17N NAD83	Channel 1, mV	Chi2 Value	Reacqu Date 1	Reacqu Offset 1, in	Reacqu Channel Difference 1, mV	Reacqu Chi2 Difference 1	Reacqu QC Comments 1	Reacqu Date 2	Reacqu Offset 2, in	Reacqu Channel Difference 2, mV	Reacqu Chi2 Difference 2	Reacqu QC Comments 2
H20_38	421484.69	3863091.56	5137		1/8/2006	0	163	169	Pipeline. Hard to duplicated EM response.					
H20_36	421470.06	3863088.51	143		1/8/2006	40	8	22	Same as C6, moved there.					
H20_35	421477.37	3863087.45	133		1/8/2006	17	121	5	Near pipeline. Orig peak might have been more influenced by it.					
H20_31	421476.00	3863085.77	19		1/8/2006	9	8	2						
H20_30	421476.91	3863085.47	35		1/8/2006	10	23	3						
H20_28	421470.97	3863085.31	36		1/8/2006	20	10	4	Relocated on next line.					
H20_25	421477.06	3863084.71	15		1/8/2006	9	4	3						
H20_20	421479.20	3863084.10	26		1/8/2006	0	13	1						
H20_19	421477.83	3863083.94	14		1/8/2006	5	108	189	Cluster of anomalies					
H20_18	421466.85	3863083.79	9		1/8/2006	7	15	5						
H20_10	421477.82	3863081.66	32		1/8/2006	8	17	1						
G21_C6	421492.90	3863073.58	25	5	1/9/06		8	0	1					
G21_C5	421484.68	3863073.13	1193	39	1/9/06		12	331	26	On edge of grid. True pick maybe have been just off data.				
G21_C4	421493.82	3863072.05	41	5	1/9/06		7	10	1					
G21_C3	421495.18	3863057.41	36	8	1/9/06		14	29	5					
G21_C2	421493.36	3863055.28	8	9	1/9/06		0	10	1					
G21_C1	421493.81	3863052.08	18	5	1/9/06		13	4	3					
G21_2	421492.90	3863051.77	17		1/9/06		15	5	2					
G21_14	421486.50	3863069.62	14		1/9/06		17	2	1					
G21_12	421492.45	3863067.94	13		1/9/06		0	1	1					
G20_C9	421454.66	3863056.52	13	6	1/8/2006	10	303	2	Along pipeline, filtering may have lowered orig. peak.					
G20_C8	421477.97	3863054.53	15	8	1/8/2006	12	29	12						
G20_C6	421462.89	3863053.16	16	11	1/8/2006	4	9	4						
G20_C5	421454.20	3863053.17	6	4	1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Small amplitude, on only one line, could be noise. On edge of grid.					
G20_C4	421461.97	3863052.25	10	7	1/8/2006	5	2	1						
G20_C30	421483.92	3863077.09	4	6	1/8/2006	12	28	6						
G20_C3	421457.86	3863051.95	41	5	1/8/2006	0	9	2						
G20_C29	421460.14	3863076.01	68	6	1/8/2006	16	35	9						
G20_C28	421470.20	3863073.27	12	5	1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Small amplitude, on only one line, could be noise. Near data gap.					
G20_C27	421484.52	3863072.82	1022	36	1/8/2006	14	160	23	Hard to pin-point peak with that high of amplitude.					
G20_C26	421457.86	3863072.20	195	11	1/8/2006	0	350	9	On edge of grid. Relocated outside of grid with larger peak.					
G20_C25	421458.77	3863071.90	24	10	1/8/2006	0	36	13						
G20_C24	421469.74	3863071.60	11	5	1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Small amplitude, on only one line, could be noise. Near data gap.					

**Table F4-1: QC of Anomaly Reacquisition**

Target ID	Easting, UTMm 17N NAD83	Northing, UTMm 17N NAD83	Channel 1, mV	Chi2 Value	Reacqu Date 1	Reacqu Offset 1, in	Reacqu Channel Difference 1, mV	Reacqu Chi2 Difference 1	Reacqu QC Comments 1	Reacqu Date 2	Reacqu Offset 2, in	Reacqu Channel Difference 2, mV	Reacqu Chi2 Difference 2	Reacqu QC Comments 2
G20_C23	421457.40	3863070.83	405	57	1/8/2006	12	2103	91	On edge of grid. Relocated outside of grid with larger peak.					
G20_C22	421462.43	3863068.70	217	23	1/8/2006	0	76	9						
G20_C21	421461.52	3863068.09	155	19	1/8/2006	27	138	13	Same as C22, wich had higher amplitude.					
G20_C2	421468.37	3863051.48		15	1/8/2006	16	72	8						
G20_C19	421454.20	3863066.87	28	5	1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. Small aplitude, on only one line, could be noise. On edge of grid.					
G20_C18	421476.14	3863065.35	12	8	1/8/2006	5	17	7						
G20_C17	421456.49	3863065.05		5	1/8/2006	7	310	5						
G20_C16	421477.97	3863064.13	12	6	1/8/2006	8	5	3						
G20_C15	421476.14	3863063.83	8	7	1/8/2006	15	30	8						
G20_C14	421481.63	3863061.39	16	9	1/8/2006	10	594	14	Along pipeline, filtering may have lowered orig. peak.	1/9/06	19.20937271	556	9	On apparent pipeline.
G20_C13	421456.49	3863061.70		8	1/8/2006	19	572	10	CH1 should be 23.91, wrong in database. Still large difference, need to recheck.	1/9/06	0	46	12	
G20_C12	421454.20	3863060.02	87	9	1/8/2006	14	263	1	Along pipeline, filtering may have lowered orig. peak.					
G20_C11	421455.12	3863058.35	164	15	1/8/2006	0	481	12	Along pipeline, filtering may have lowered orig. peak.					
G20_C1	421461.06	3863049.81	9	5	1/8/2006	0	1	1						
G20_82	421470.20	3863079.52	5		1/8/2006	17	5	2						
G20_81	421477.06	3863078.76	30		1/8/2006	17	43	12						
G20_80	421464.72	3863078.15	14		1/8/2006	9	1	1						
G20_79	421461.97	3863078.15	15		1/8/2006	6	5	1						
G20_76	421479.80	3863076.48	30		1/8/2006	0	0	5						
G20_71	421475.69	3863075.11	13		1/8/2006	5	2	1						
G20_67	421472.94	3863074.65	14		1/8/2006	12	0	1						
G20_65	421471.12	3863074.19	7		1/8/2006	0	3	1						
G20_64	421462.43	3863073.58	22		1/8/2006	9	8	3						
G20_61	421461.06	3863072.97	26		1/8/2006	7	4	7						
G20_53	421459.69	3863071.14	21		1/8/2006	0	12	3						
G20_52	421458.77	3863070.83	13		1/8/2006	0	5	2						
G20_44	421480.72	3863068.09	26		1/8/2006	11	5	1						
G20_43	421460.30	3863068.09	7		1/8/2006	0	6	3						
G20_4	421467.92	3863051.18	17		1/8/2006	16	55	23						
G20_38	421463.80	3863066.57	13		1/8/2006				No Reacquirable Target. QC team rechecked 1/9, still no target. On base of slope.					
G20_33	421456.95	3863064.28	49		1/8/2006	19	381	19	Appears to be along pipeline. Peaks hard to pin-point.					
G20_3	421475.23	3863050.72	27		1/8/2006	10	9	4						
G20_28	421456.03	3863061.39	129		1/8/2006	0	83	20		1/9/06	10	481	23	On apparent pipeline.
G20_24	421465.63	3863058.95	13		1/8/2006	16	1	5						
G20_21	421460.60	3863057.58	16		1/8/2006	9	4	5						
G20_20	421482.54	3863057.27	13		1/8/2006	0	4	5						
G20_1	421484.37	3863049.34	46		1/8/2006	12	64	10						
G19_C5	421440.65	3863060.95		7	1/8/2006	15	7	4						

**Table F4-1: QC of Anomaly Reacquisition**

Target ID	Easting, UTMm 17N NAD83	Northing, UTMm 17N NAD83	Channel 1, mV	Chi2 Value	Reacq Date 1	Reacq Offset 1, in	Reacq Channel Difference 1, mV	Reacq Chi2 Difference 1	Reacq QC Comments 1	Reacq Date 2	Reacq Offset 2, in	Reacq Channel Difference 2, mV	Reacq Chi2 Difference 2	Reacq QC Comments 2
G19_C4	421440.19	3863056.98	47	6	1/8/2006	22	14	3	Target one line off.					
G19_C3	421433.33	3863055.46		8	1/8/2006	0	197	5	Along pipeline, filtering may have lowered orig. peak.					
G19_C2	421440.64	3863055.31	7	6	1/7/2006				No Reacquirable Target. QC team rechecked 1/9, still no target.					
G19_C1	421434.24	3863053.94	29	5	1/8/2006	5	119	3	Along pipeline, filtering may have lowered orig. peak.					
G19_5	421437.90	3863051.35	33		1/8/2006	9	27	3						
G19_4	421435.61	3863050.59	13		1/8/2006	0	61	5						
G19_17	421440.19	3863061.09	11		1/8/2006	21	4	3	Same as C5, moved to C5.					
F21_C9	421501.58	3863034.71		31	1/10/06	15	136	39	No CH1 in database.	1/10/06	15	136	39	No CH1 in database.
F21_C8	421495.18	3863034.26	11	6	1/10/06	3	5	4		1/10/06	3	5	4	
F21_C7	421494.27	3863033.95	8	5	1/10/06	15	12	7		1/10/06	15	12	7	
F21_C5	421504.32	3863032.88		11	1/10/06	0	290	4	No CH1 in database.	1/10/06	0	290	4	No CH1 in database.
F21_C4	421496.09	3863029.54	138	7	1/10/06	16	41	2		1/10/06	16	41	2	
F21_C29	421484.68	3863049.34	72	7	1/10/06	0	38	3		1/10/06	0	38	3	
F21_C28	421498.38	3863049.03		8	1/10/06	14	13	0	No CH1 in database.	1/10/06	14	13	0	No CH1 in database.
F21_C26	421496.10	3863048.27	14	5	1/10/06	2	2	1		1/10/06	2	2	1	
F21_C25	421497.47	3863047.50	4	5	1/10/06	0	1	2		1/10/06	0	1	2	
F21_C24	421486.05	3863047.36	84	7	1/10/06	0	14	1		1/10/06	0	14	1	
F21_C23	421497.01	3863045.07	7	4	1/10/06	10	7	2		1/10/06	10	7	2	
F21_C22	421493.35	3863044.76	4	4	1/10/06	14	41	13		1/10/06	14	41	13	
F21_C21	421495.18	3863044.31		8	1/10/06	18	70	4	No CH1 in database.	1/10/06	18	70	4	No CH1 in database.
F21_C20	421497.47	3863043.70	5	4	1/10/06	9	14	6		1/10/06	9	14	6	
F21_C2	421489.70	3863026.04	80	5	1/10/06	0	10	2		1/10/06	0	10	2	
F21_C19	421490.16	3863042.33	13	15	1/10/06	12	47	14		1/10/06	12	47	14	
F21_C18	421493.35	3863041.87	5	5	1/10/06	10	16	5		1/10/06	10	16	5	
F21_C17	421488.33	3863041.57	54	8	1/10/06	10	17	3		1/10/06	10	17	3	
F21_C16	421496.10	3863041.36		5	1/10/06	34	9	0	Close to location of orig target 32. No CH1 in database.	1/10/06	34	9	0	Close to location of orig target 32. No CH1 in database.
F21_C15	421495.18	3863038.22	9	4	1/10/06	13	10	6		1/10/06	13	10	6	
F21_C14	421501.12	3863036.69	13	11	1/10/06	9	8	1		1/10/06	9	8	1	
F21_C13	421490.16	3863036.24	11	5	1/10/06	10	18	9		1/10/06	10	18	9	
F21_C12	421504.78	3863035.93		33	1/10/06	14	322	5	No CH1 in database.	1/10/06	14	322	5	No CH1 in database.
F21_C11	421497.92	3863035.17	5	6	1/10/06	12	13	3		1/10/06	12	13	3	
F21_C10	421491.98	3863034.87		9	1/10/06	34	42	11	Close to location of orig target 23. No CH1 in database.	1/10/06	34	42	11	Close to location of orig target 23. No CH1 in database.
F21_C1	421484.67	3863023.45		5	1/10/06	0	74	1	No CH1 in database.	1/10/06	0	74	1	No CH1 in database.
F21_6	421485.13	3863023.60	50		1/10/06	0	24	6		1/10/06	0	24	6	
F21_41	421494.72	3863044.31	34		1/10/06	0	36	12		1/10/06	0	36	12	
F21_40	421495.64	3863044.15	10		1/10/06	19	60	12		1/10/06	19	60	12	
F21_4	421490.69	3863020.10	7		1/10/06	12	2	4		1/10/06	12	2	4	
F21_39	421501.58	3863044.00	13		1/10/06	0	9	6		1/10/06	0	9	6	
F21_32	421496.55	3863041.53	6		1/10/06	8	3	5		1/10/06	8	3	5	
F21_31	421491.15	3863041.26	25		1/10/06	7	24	5		1/10/06	7	24	5	
F21_29	421490.61	3863037.46	62		1/10/06	11	13	3		1/10/06	11	13	3	
F21_26	421504.78	3863035.40	192		1/10/06	19	130	28	On apparent pipeline, hard to duplicate.	1/10/06	19	130	28	On apparent pipeline, hard to duplicate.
F21_24	421502.04	3863034.82	54		1/10/06	7	82	69		1/10/06	7	82	69	
F21_23	421492.44	3863034.56	11		1/10/06	15	31	20		1/10/06	15	31	20	
F21_18	421503.86	3863032.73	322		1/10/06	0	32	6						

**Table F4-1: QC of Anomaly Reacquisition**

Target ID	Easting, UTMm 17N NAD83	Northing, UTMm 17N NAD83	Channel 1, mV	Chi2 Value	Reacqu Date 1	Reacqu Offset 1, in	Reacqu Channel Difference 1, mV	Reacqu Chi2 Difference 1	Reacqu QC Comments 1	Reacqu Date 2	Reacqu Offset 2, in	Reacqu Channel Difference 2, mV	Reacqu Chi2 Difference 2	Reacqu QC Comments 2
F21_12	421504.32	3863027.70	8		1/10/06	0	18	3		1/10/06	0	18	3	
F20_C7	421474.77	3863028.02	10038	409	1/9/06	7	710	26	Large target, hard to duplicated response					
F20_C6	421471.57	3863027.87	43	4	1/9/06	6	3	1						
F20_C5	421456.02	3863026.36	229	18	1/9/06	7	31	5						
F20_C2	421470.65	3863019.80	10	4	1/9/06	7	46	2						
F20_C14	421463.80	3863048.44	66	7	1/9/06	12	8	3						
F20_C10	421456.49	3863040.98	158	11	1/9/06	10	25	3						
F20_C1	421482.08	3863019.64	808	36	1/9/06	13	126	21						
F20_5	421484.36	3863023.30	48		1/9/06	0	29	5						
F20_43	421462.74	3863046.77	14		1/9/06	13	2	2						
F20_4	421480.10	3863021.17	59		1/9/06	0	42	7						
F20_36	421459.84	3863041.13	10		1/9/06	6	4	3						
F20_26	421474.77	3863037.31	24		1/9/06	13	1	4						
F20_22	421462.43	3863035.65	28		1/9/06	16	11	3						
F20_14	421463.80	3863028.64	24		1/9/06	9	1	3						
F20_13	421458.77	3863028.57	8		1/9/06	10	3	2	Sprinkler Valve					
F20_12	421468.37	3863028.33	14		1/9/06	11	3	4						
F19_C9	421442.01	3863045.41	360	21	1/10/06	0	360	21	Reacq team didn't enter info, thought it was no contact. Nail in landscaping. Still need to get data for target.					
F19_C8	421423.72	3863043.89	11	5	1/10/06	12	44	2		1/10/06	12	44	2	
F19_C7	421450.24	3863042.81	1797	105	1/9/06	12	80	33						
F19_C4	421438.35	3863038.70	78	7	1/9/06	20	3	1	Large target, relocated on next line.					
F19_C3	421450.23	3863032.45	150	11	1/9/06	17	33	2						
F19_C2	421447.95	3863031.08	35	4	1/9/06	16	1	5						
F19_C17	421439.27	3863048.45	774	66	1/11/06	0	293	1	Reacq team didn't enter info, thought it was no contact. Nail in landscaping.					
F19_C15	421435.31	3863047.69	378	37	1/11/06	0	228	41	Reacq team didn't enter info, thought it was no contact. Nail in landscaping.					
F19_C14	421441.10	3863047.39	31	7	1/11/06	0	182	25	Reacq team didn't enter info, thought it was no contact. Nail in landscaping.					
F19_C13	421447.04	3863047.23	36	4	1/10/06	17	2129	307	Rebar in retaining wall outside of survey area.	1/10/06	17	2129	307	Rebar in retaining wall outside of survey area.
F19_C12	421436.52	3863046.32	13	6	1/10/06	8	54	4		1/10/06	8	54	4	
F19_C11	421441.10	3863046.02	73	13	1/11/06	0	155	15	Reacq team didn't enter info, thought it was no contact. Nail in landscaping. Large anomaly, hard to duplicate.					
F19_C10	421444.75	3863045.71	620	52	1/11/06	0	468	31	Reacq team didn't enter info, thought it was no contact. Nail in landscaping. Large anomaly, hard to duplicate.					
F19_C1	421451.15	3863025.75	104	9	1/9/06	16	3	4						
F19_8	421438.81	3863035.05	13		1/9/06	6	8	5						
F19_40	421446.58	3863046.32	24		1/11/06	0	73	11	Reacq team didn't enter info, thought it was no contact. Nail in landscaping.					
F19_23	421445.67	3863039.92	58		1/10/06	5	37	3		1/10/06	5	37	3	

**Table F4-1: QC of Anomaly Reacquisition**

Target ID	Easting, UTMm 17N NAD83	Northing, UTMm 17N NAD83	Channel 1, mV	Chi2 Value	Reacq Date 1	Reacq Offset 1, in	Reacq Channel Difference 1, mV	Reacq Chi2 Difference 1	Reacq QC Comments 1	Reacq Date 2	Reacq Offset 2, in	Reacq Channel Difference 2, mV	Reacq Chi2 Difference 2	Reacq QC Comments 2
F18_1	421421.89	3863042.98	39		1/10/06	5	16	4		1/10/06	5	16	4	
E21_C4	421488.78	3863012.94	32	4	1/8/2006	15	10	5						
E21_C3	421490.15	3863010.65	26	5	1/8/2006	7	4	1						
E21_C2	421488.78	3863010.19	49	8	1/8/2006	12	1	0						
E21_6	421486.19	3863008.98	28		1/8/2006	0	14	5						
E21_5	421485.58	3863008.22	14		1/8/2006	18	0	5						
E21_13	421486.49	3863014.16	12		1/8/2006	4	5	3						
E21_11	421485.12	3863012.02	12		1/8/2006	13	23	5						
E20_C3	421480.71	3863017.97		6	1/9/06		16	55	0					
E20_C2	421481.62	3863015.23	25	6	1/9/06		0	6	1					
D18_C26	421401.47	3862985.08	158	8	1/10/06	0	85	4		1/10/06	0	85	4	
D18_C22	421394.16	3862980.21	658	23	1/10/06	25	2622	107	Surface metal near target, hard to pin-point peak.	1/10/06	25	2622	107	Surface metal near target, hard to pin-point peak.
D18_C21	421393.71	3862976.56	17	6	1/10/06	19	41	1	Relocated on next line.	1/10/06	19	41	1	Relocated on next line.
D18_C19	421412.43	3862975.48		9	1/10/06	49	211	9	Same as C18 and 63, all moved together. No CH1 in database.	1/10/06	49	211	9	Same as C18 and 63, all moved together. No CH1 in database.
D18_C18	421411.06	3862975.18	189	15	1/10/06	18	22	3		1/10/06	18	22	3	
D18_C16	421410.60	3862971.52	9	3	1/10/06	38	1	0	On steep slope, maybe have caused positioning problems.	1/10/06	38	1	0	On steep slope, maybe have caused positioning problems.
D18_C14	421395.54	3862967.41	9	11	1/10/06	20	1	9		1/10/06	20	1	9	
D18_C12	421416.54	3862965.88	120	11	1/10/06	0	2	10		1/10/06	0	2	10	
D18_C1	421423.38	3862958.11	50	5	1/10/06	5	34	2		1/10/06	5	34	2	
D18_78	421395.08	3862978.57	45		1/10/06	18	1096	19	On edge of large anomaly, reacq amp may have been influenced by that.	1/10/06	18	1096	19	On edge of large anomaly, reacq amp may have been influenced by that.
D18_63	421411.52	3862975.18	189		1/10/06	12	22	18		1/10/06	12	22	18	
D18_28	421395.08	3862967.11	20		1/10/06	43	28	21	Near data gap.	1/10/06	43	28	21	Near data gap.
D17_C9	421388.22	3862979.15	610	30	1/10/06	9	130	9		1/10/06	9	130	9	
D17_C7	421388.68	3862975.03	15	12	1/10/06	0	7	9		1/10/06	0	7	9	
D17_C5	421384.11	3862972.14	6	5	1/10/06	22	2	3	On edge of data, hard to pick.	1/10/06	22	2	3	On edge of data, hard to pick.
D17_C4	421384.57	3862965.28	27	7	1/10/06	18	5	3		1/10/06	18	5	3	
D17_C11	421387.77	3862980.82	107	48	1/10/06	9	1013	89	Exposed metal pipe, hard to duplicate response.	1/10/06	9	1013	89	Exposed metal pipe, hard to duplicate response.
D17_C10	421393.25	3862979.15		24	1/10/06	60	3280	106	No CH1 in database, exposed metal pipe, hard to duplicate response.	1/10/06	60	3280	106	No CH1 in database, exposed metal pipe, hard to duplicate response.
D17_C1	421384.11	3862958.73	86	7	1/10/06	8	6	6		1/10/06	8	6	6	
D17_56	421393.25	3862979.92	1350		1/10/06	38	1930	130	On edge of grid, peak slightly outside of grid.	1/10/06	38	1930	130	On edge of grid, peak slightly outside of grid.
D17_50	421393.25	3862976.25	7		1/10/06	36	51	8	On edge of grid, peak slightly outside of grid.	1/10/06	36	51	8	On edge of grid, peak slightly outside of grid.
D17_48	421386.39	3862974.88	6		1/10/06	16	28	3		1/10/06	16	28	3	
D17_46	421386.39	3862974.12	42		1/10/06	18	33	6		1/10/06	18	33	6	
D17_24	421387.31	3862964.67	13		1/10/06	0	12	2		1/10/06	0	12	2	
D17_22	421387.31	3862963.91	19		1/10/06	36	6	2	Same as target #24, moved there.	1/10/06	36	6	2	Same as target #24, moved there.
D17_21	421385.02	3862963.91	14		1/10/06	19	4	3		1/10/06	19	4	3	
D17_13	421384.41	3862961.92	1		1/10/06	12	33	5		1/10/06	12	33	5	
C18_C1	421423.39	3862927.50	27	5	1/10/06	6	103	5	Survey nails in corner of grid. Peak could have been slightly off grid.	1/10/06	6	103	5	Survey nails in corner of grid. Peak could have been slightly off grid.



Table F4-2: QC of Dig Results

TARG_ID	EASTING	NORTHING	CH1	CHI	D_QC_Date_1	D_Offset from_Reacq_1	D_QC_Item_Matches_ Anomaly_1	D_QC_Recheck_ EM61?_1	D_QC_Comments_1	D_QC_Date_2	D_Offset from_Reacq_2	D_QC_Item_Matches_ Anomaly_2	D_QC_Recheck_ EM61?_2	D_QC_Comments_2	D_QC_Date_3	D_Offset from_Reacq_3	D_QC_Item_Matches_ Anomaly_3	D_QC_Recheck_ EM61?_3	D_QC_Comments_3
R21_D7	421493.02	3863338.21	3		1/10/06	No Contact	NA												
R21_D6	421497.10	3863326.59	3		1/10/06	No Contact	NA												
R21_D5	421494.81	3863326.25	2		1/10/06	No Contact	NA												
R21_D4	421500.92	3863325.24	3		1/10/06	No Contact	NA												
R21_D3	421505.40	3863324.81	3		1/10/06	No Contact	NA												
R21_D2	421486.00	3863328.92	2		1/10/06	No Contact	NA												
R21_C2	421487.99	3863327.20	61	4	1/10/06		Y	N		1/10/06	0	Y	N		1/19/06	0.00	Y	N	
R21_11	421492.10	3863325.98	7		1/10/06		Y	N		1/10/06	5	Y	N		1/19/06	5.00	Y	N	
R20_QA7	421479.60	3863326.59	9		1/26/06		0	Y											
R20_D6	421477.19	3863323.68	3		1/10/06		Y	N		1/10/06	2	Y	N		1/19/06	2.00	Y	N	
R20_D4	421476.20	3863346.25	3		1/10/06	No Contact	NA												
R20_D3	421474.37	3863345.68	3		1/10/06	No Contact	NA												
R20_C9	421472.09	3863340.31	25	5	1/10/06		Y	N		1/10/06	14.14	Y	N		1/19/06	14.14	Y	N	
R20_C5	421475.76	3863336.20	12	4	1/10/06	No Contact	NA												
R20_C2	421473.95	3863324.92	6	4	1/10/06	No Contact	NA												
R20_C1	421473.95	3863323.85		4	1/10/06		Y	N	17in from original location	1/10/06	17.49	Y	N	17in from original location	1/19/06	17.49	Y	N	
R20_68	421481.24	3863346.86	16		1/10/06		N	Y	Hot rock	1/10/06	9.90	N	Y	Hot rock	1/19/06	9.90	N	Y	Hot Rock
R20_25	421475.77	3863332.69	17		1/10/06		Y	N		1/10/06	5	Y	N		1/19/06	5.00	Y	N	
R20_18	421468.44	3863331.63	13		1/10/06	No Contact	NA												
R20_14	421473.02	3863330.80	13		1/10/06	No Contact	NA												
R20_1	421474.87	3863323.54	23		1/10/06		Y	N		1/10/06	5	Y	N		1/19/06	5.00	Y	N	
K21_C7	421485.62	3863172.31	30	5	1/10/06		Y	N		1/10/06	3.16	Y	N						
K21_C6	421500.70	3863172.14	54	6	1/10/06		Y	?	33in from original location	1/10/06	13.93	Y	?	33in from original location					
K21_C5	421498.42	3863171.54	54	8	1/10/06		Y	N		1/10/06	2	Y	N						
K21_C3	421512.13	3863171.38	46	11	1/11/06	0.00	Y	N											
K21_C2	421502.53	3863171.38	1160	932	1/10/06		Y	N		1/10/06	0	Y	N						
K21_C1	421503.90	3863171.23	8705	599	1/10/06		Y	N		1/10/06	0	Y	N						
K21_9	421495.22	3863173.67	14		1/10/06		Y	N		1/10/06	13	Y	N						
K21_8	421503.44	3863172.30	1331		1/10/06		Y	?	26in from original location	1/10/06	13.00	Y	?	26in from original location					
K21_13	421492.93	3863175.20	16		1/10/06		Y	N	On surface, could have moved.	1/10/06	13.42	Y	N	On surface, could have moved.					
K21_10	421495.22	3863174.28	16		1/10/06		Y	N		1/10/06	12	Y	N						
K20_C1	421481.96	3863171.24	41	5	1/10/06		Y	N		1/10/06	0	Y	N						
J22_QA30	421525.69	3863166.35	12		1/19/06	0.00	N	N	Not digging under cart path.										
J22_QA1	421515.15	3863140.78	14		1/19/06	0.00	Y	N											
J22_C4	421515.17	3863159.35	4	5	1/19/06	0.00	N	Y	No Contact										
J21_QA76	421509.84	3863167.88	8		1/19/06	0.00	Y	N											
J21_QA54	421495.67	3863160.27	13		1/19/06	10.20	Y	N											
J21_QA23	421509.83	3863151.13	21		1/19/06	0.00	Y	N											
J21_C8	421498.87	3863154.02	29	8	1/19/06	0.00	Y	N											
J21_C7	421497.95	3863152.50		4	1/19/06	0.00	Y	N											
J21_C6	421486.53	3863147.33	58	6	1/19/06	0.00	Y	N											
J21_C5	421496.12	3863142.91	89	10	1/19/06	0.00	Y	N											
J21_C4	421485.15	3863141.54		14	1/19/06	0.00	Y	N											
J21_C3	421490.33	3863141.39		11	7	1/19/06	0.00	Y											
J21_C22	421502.53	3863168.49	79	23	1/10/06		Y	N		1/10/06	0	Y	N						
J21_C21	421493.39	3863168.19	21	4	1/19/06	0.00	Y	N											
J21_C20	421512.12	3863164.83		5	1/16/06	0.00	Y	N											
J21_C2	421485.61	3863140.93	33	14	1/19/06	0.00	Y	N											
J21_C19	421486.84	3863164.23	52	7	1/19/06	13.34	Y	N											
J21_C17	421511.21	3863163.31	8	5	1/16/06	0.00	Y	N											
J21_C16	421512.58	3863162.85	9	5	1/16/06	0.00	Y	N		1/19/06	0	Y	N						
J21_C14	421505.27	3863160.27	36	7	1/19/06	0.00	Y	N											
J21_C13	421503.90	3863160.27		6	1/19/06	0.00	Y	N											
J21_C12	421486.53	3863159.21	81	10	1/19/06	10.00	Y	N											
J21_9	421493.38	3863141.39	19		1/19/06	0.00	Y	N											
J21_81	421513.04	3863169.24	15		1/16/06	0.00	Y	N											
J21_73	421490.19	3863166.82	38		1/19/06	0.00	Y	N											
J21_7	421492.92	3863140.93	21		1/19/06	0.00	Y	N											
J21_68	421512.12	3863164.22	14		1/16/06	14.00	Y	N	Moved closer to orig location										
J21_64	421491.56	3863163.17	11		1/19/06	0.00	Y	N											
J21_6	421485.61	3863140.93	33		1/19/06	0.00	Y	N											
J21_51	421485.62	3863159.36	34		1/19/06	10.00	Y	N											
J21_5	421512.56	3863140.78	34		1/11/06	0.00	Y	N											
J21_42	421489.27	3863157.53	30		1/19/06	0.00	Y	N											
J21_4	421511.65	3863140.78	69		1/11/06	0.00	N	Y	69mV is high for one nail.										
J21_38	421486.99	3863155.86	34		1/19/06	0.00	Y	N											
J21_32	421500.24	3863154.79	12		1/19/06	15.00	Y	N											
J21_30	421488.36	3863153.80	16		1/19/06	12.04	Y	N											
J21_27	421487.99	3863153.27	28		1/19/06	12.04	Y	Y	46 inch from orig location										

Table F4-2: QC of Dig Results

TARG_ID	EASTING	NORTHING	CH1	CHI	D_QC_Date_1	D_Offset from_Reacq_1	D_QC_Item_Matches_ Anomaly_1	D_QC_Recheck_ EM61?_1	D_QC_Comments_1	D_QC_Date_2	D_Offset from_Reacq_2	D_QC_Item_Matches_ Anomaly_2	D_QC_Recheck_ EM61?_2	D_QC_Comments_2	D_QC_Date_3	D_Offset from_Reacq_3	D_QC_Item_Matches_ Anomaly_3	D_QC_Recheck_ EM61?_3	D_QC_Comments_3
J21_25	421497.49	3863152.35	27		1/19/06	0.00	Y	N											
J21_24	421491.40	3863151.36	25		1/19/06	0.00	Y	N											
J21_20	421497.49	3863150.22	14		1/19/06	0.00	Y	N											
J20_QA28	421481.05	3863159.36	8		1/19/06	0.00	N	Y											
J20_C9	421481.96	3863161.03	41	6	1/10/06		Y	N		1/11/06	0	Y	N						
J20_C8	421484.24	3863157.38	11	6	1/10/06	No Contact	NA												
J20_C7	421478.76	3863152.05	98	11	1/10/06		N	Y	97mV is too high for hot rock.	1/10/06	0	N	Y	97mV is too high for hot rock.	1/19/06	13	Y	N	
J20_C4	421482.87	3863147.48	118	7	1/11/06	0.00	N	Y	Hot rock	1/19/06	0	Y	N						
J20_C3	421477.85	3863144.43	30	6	1/11/06	0.00	Y	N											
J20_C2	421478.76	3863141.38		5	1/11/06	0.00	Y	N											
J20_C11	421482.42	3863166.52		6	1/10/06		N	Y	Chi targets shouldn't be hot rocks.	1/11/06	14	N	Y	Hot rock	1/19/06	0	Y	N	
J20_C10	421483.79	3863161.49	81	11	1/10/06		Y	N		1/11/06	0	Y	N						
J20_C1	421484.70	3863140.78	71	12	1/11/06	0.00	Y	N											
J20_9	421481.96	3863145.04	16		1/11/06	0.00	N	Y	Hot rock	1/19/06	0	Y	N						
J20_5	421478.76	3863142.15	10		1/11/06	0.00	N	Y	Hot rock										
J20_34	421481.20	3863166.21	9		1/10/06	No Contact	NA												
J20_33	421482.27	3863166.06	72		1/10/06		N	Y	71mv is too high for hot rock	1/10/06	14	N	Y	71mv is too high for hot rock	1/19/06	0	Y	N	
J20_31	421479.68	3863162.56	34		1/10/06		Y	N	Moved closer to orig target.	1/11/06	7	Y	Y	20in from orig target.					
J20_3	421479.21	3863140.93	28		1/11/06	0.00	N	Y	Hot rock	1/19/06	14	Y	N						
J20_25	421482.42	3863156.16	6		1/10/06	No Contact	NA												
J20_23	421483.33	3863155.55	5		1/10/06	No Contact	NA												
J20_22	421483.33	3863152.96	17		1/10/06		Y	N		1/10/06	0	Y	N						
J20_20	421477.70	3863152.50	4		1/10/06		Y	Y	32in from original location	1/11/06	13	Y	Y	29in from orig target.					
J20_17	421482.42	3863150.83	7		1/10/06	No Contact	NA												
J20_14	421482.41	3863148.62	219	13	1/10/06		N	??	N, 219 is really high for 4 nails. QC Item	1/10/06	0	N	??	N, 219 is really high for 4 nails. QC Item					
J20_10	421481.04	3863145.95	14		1/11/06	0.00	N	Y	Hot rock										
J20_1	421477.84	3863140.77	48		1/11/06	0.00	Y	N											
I22_5	421531.00	3863113.95	7		1/30/06	0.00	Y	N											
I22_4	421529.85	3863113.19	24		1/26/06	0.00	Y	N											
I21_QA2	421485.63	3863110.45	12		1/19/06	0.00	Y	N											
I21_C8	421487.90	3863129.04	66	8	1/11/06	0.00	N	N	No description entered.										
I21_C6	421494.30	3863120.96	13	6	1/11/06	0.00	Y	N											
I21_C5	421497.49	3863119.89	46	6	1/11/06	0.00	N	N	No description entered.										
I21_C4	421501.14	3863118.98	17	9	1/11/06	0.00	Y	N											
I21_C3	421484.71	3863116.70	82	10	1/11/06	0.00	N	N	No description entered.										
I21_C2	421486.54	3863115.17	76	7	1/19/06	0.00	Y	N											
I21_C12	421484.70	3863140.78	68	20	1/11/06	0.00	Y	N											
I21_C11	421485.16	3863136.20		12	1/11/06	0.00	N	N	No description entered.										
I21_C1	421514.83	3863110.29	40	4	1/11/06	0.00	N	Y	40mV is high for 1 nail.										
I21_8	421514.23	3863112.50	26		1/11/06	0.00	N	N	Item under cart path.										
I21_77	421512.56	3863140.78	35		1/11/06	0.00	Y	N											
I21_74	421511.65	3863140.47	80		1/11/06	10.00	N	Y	80mV high for 1 nail. 24in from original location.	1/26/06	10	Y	N						
I21_71	421513.02	3863138.34	14		1/11/06	0.00	Y	N											
I21_70	421491.09	3863136.51	5		1/11/06	0.00	Y	N											
I21_68	421484.70	3863136.05	103		1/11/06	0.00	N	N	No description entered.										
I21_50	421491.10	3863129.04	12		1/11/06	0.00	Y	N											
I21_49	421490.18	3863129.04	21		1/11/06	16.97	Y	Y	21in from orig location.										
I21_45	421490.18	3863128.28	6		1/11/06	0.00	N	N	No description entered.										
I21_43	421485.62	3863127.21	10		1/11/06	0.00	N	Y	Hot rock	1/19/06	0	Y	N						
I21_42	421487.45	3863127.06	7		1/11/06	19.80	N	N	Hotrock, but was no contact on reacq.										
I21_41	421484.71	3863127.06	8		1/11/06	8.54	N	N	Hotrock, but was no contact on reacq.										
I21_37	421486.08	3863126.30	13		1/11/06	0.00	Y	N											
I21_36	421485.16	3863126.30	12		1/11/06	12.00	N	Y	Hot rock										
I21_29	421494.30	3863122.79	9		1/11/06	10.44	N	Y	Hotrock, but was no contact on reacq.										
I20_C8	421482.42	3863133.92	12	4	1/19/06	13.60	Y	Y	20 inch from orig location										
I20_C7	421474.65	3863133.92	1313	295	1/19/06	0.00	Y	N											
I20_C6	421473.74	3863129.04	17	5	1/19/06	14.00	Y	N											
I20_C5	421481.05	3863125.69	31	4	1/19/06	0.00	Y	N											
I20_C4	421477.39	3863123.40		6	1/19/06	0.00	Y	N											
I20_C3	421484.41	3863117.76	87	12	1/11/06	0.00	N	Y	No description entered.										
I20_C2	421473.28	3863117.31	40	4	1/19/06	0.00	Y	N											
I20_C1	421470.99	3863112.73		17	1/19/06	0.00	Y	N											
I20_6	421472.82	3863113.34	28		1/19/06	0.00	Y	N											
I20_5	421471.91	3863113.04	35		1/19/06	0.00	Y	N											
I20_48	421479.37	3863140.77	29		1/19/06	0.00	Y	N											

**Table F4-2: QC of Dig Results**

TARG_ID	EASTING	NORTHING	CH1	CHI	D_QC_Date_1	D_Offset from_Reacq_1	D_QC_Item_Matches_ Anomaly_1	D_QC_Recheck_ EM61?_1	D_QC_Comments_1	D_QC_Date_2	D_Offset from_Reacq_2	D_QC_Item_Matches_ Anomaly_2	D_QC_Recheck_ EM61?_2	D_QC_Comments_2	D_QC_Date_3	D_Offset from_Reacq_3	D_QC_Item_Matches_ Anomaly_3	D_QC_Recheck_ EM61?_3	D_QC_Comments_3
I20_47	421478.30	3863140.77	38		1/19/06	23.32	Y	Y	23 inch from orig location										
I20_38	421481.96	3863133.16	7		1/19/06	13.60	Y	Y	24 inch from orig location										
I20_36	421482.42	3863132.09	14		1/19/06	0.00	N	Y	Hot Rock										
I20_35	421482.42	3863130.26	43		1/19/06	10.44	Y	N											
I20_31	421474.65	3863128.12	11		1/19/06	0.00	N	Y	Hot Rock										
I20_30	421481.05	3863127.67	20		1/19/06	0.00	Y	N											
I20_29	421479.22	3863127.67	43		1/19/06	0.00	Y	N											
I20_24	421476.48	3863126.75	17		1/19/06	0.00	Y	N											
I20_2	421470.54	3863110.91	18		1/19/06	0.00	Y	N											
I20_17	421478.00	3863123.25	40		1/19/06	0.00	Y	N											
H22_QA19	421519.26	3863095.66	12		1/19/06	0.00	N	N	Not digging under cart path.										
H22_C8	421515.14	3863109.98	64	5	1/11/06	0.00	N	Y	64mV is high for 1 nail.										
H22_15	421519.72	3863091.85	21		1/23/06	14.32	Y	N											
H21_QA8	421489.78	3863081.97	11		1/23/06	0.00	N	Y	No Contact										
H21_QA50	421511.64	3863103.28	11		1/19/06	0.00	Y	N											
H21_C8	421510.27	3863091.86	42	5	1/30/06	25.46	Y	N											
H21_C7	421485.61	3863091.71	4895	198	1/19/06	0.00	Y	N											
H21_C6	421486.97	3863088.97	36	13	1/11/06	0.00	N	N	No description entered.										
H21_C4	421491.54	3863085.77	176	75	1/11/06	0.00	Y	N											
H21_C3	421491.54	3863081.81	18	4	1/11/06	0.00	Y	N											
H21_C20	421499.77	3863103.44		17	1/11/06	0.00	Y	N											
H21_C19	421499.32	3863102.37	420	45	1/11/06	0.00	Y	N											
H21_C15	421497.49	3863099.93		4	1/11/06	10.20	Y	N											
H21_C14	421484.70	3863099.33	72	8	1/19/06	0.00	Y	N											
H21_C13	421485.16	3863099.02	55	6	1/19/06	0.00	Y	N											
H21_C12	421504.34	3863096.12	1645	53	1/11/06	0.00	Y	N											
H21_C1	421491.08	3863079.83	10	5	1/11/06	0.00	Y	N											
H21_60	421497.04	3863106.94	23		1/11/06	0.00	Y	N											
H21_57	421484.71	3863106.94	18		1/19/06	0.00	Y	N											
H21_56	421497.49	3863106.18	10		1/11/06	0.00	Y	N											
H21_51	421500.23	3863103.89	97		1/11/06	0.00	Y	N											
H21_42	421497.03	3863100.24	17		1/11/06	0.00	Y	N											
H21_38	421498.10	3863099.48	10		1/11/06	0.00	Y	N											
H21_17	421486.52	3863087.75	16		1/11/06	0.00	N	N	No description entered for C-6.										
H20_C9	421480.12	3863094.15	24	5	1/19/06	0.00	Y	N											
H20_C8	421477.38	3863092.63	18	8	1/19/06	0.00	Y	N											
H20_C7	421484.24	3863091.41		173	1/19/06	0.00	Y	N											
H20_C5	421469.60	3863088.51		12	1/19/06	0.00	Y	N											
H20_C4	421476.00	3863083.49	1984	179	1/19/06	0.00	Y	N											
H20_C19	421471.45	3863109.23		6	1/19/06	0.00	Y	N											
H20_C18	421483.80	3863108.47	20	7	1/19/06	0.00	Y	N											
H20_C17	421476.48	3863106.49	67	4	1/19/06	0.00	Y	N											
H20_C15	421469.62	3863105.73	54	22	1/19/06	0.00	Y	N											
H20_C14	421473.73	3863103.44	227	28	1/19/06	0.00	N	Y	High for MKII										
H20_C13	421469.61	3863103.44	125	17	1/19/06	0.00	Y	N											
H20_C12	421477.39	3863101.77	5	4	1/19/06	0.00	Y	N											
H20_C11	421484.70	3863099.33	77	7	1/19/06	0.00	Y	N											
H20_C10	421469.15	3863094.30		8	1/19/06	0.00	Y	N											
H20_84	421477.55	3863109.99	17		1/19/06	0.00	Y	N											
H20_81	421480.60	3863109.69	30		1/19/06	0.00	Y	N											
H20_79	421470.99	3863109.69	17		1/19/06	0.00	Y	N											
H20_78	421479.68	3863109.53	40		1/19/06	0.00	Y	N											
H20_75	421471.91	3863108.77	11		1/19/06	0.00	Y	N											
H20_71	421478.31	3863107.49	15		1/19/06	0.00	Y	N											
H20_69	421484.26	3863106.79	30		1/19/06	0.00	Y	N											
H20_65	421475.56	3863105.73	41		1/19/06	0.00	Y	N											
H20_64	421477.85	3863104.89	14		1/19/06	0.00	Y	N											
H20_6	421460.45	3863081.15	30		1/19/06	0.00	Y	N											
H20_59	421470.07	3863102.83	101		1/30/06	0.00	Y	N											
H20_45	421469.61	3863094.60	7		1/19/06	0.00	Y	N											
H20_44	421468.23	3863094.30	12		1/27/06		N	N	Checked immediately										
H20_38	421484.69	3863091.56	5137		1/19/06	0.00	Y	N											
H20_36	421470.06	3863088.51	143		1/19/06	0.00	Y	N											
H20_35	421477.37	3863087.45	133		1/19/06	0.00	N	Y	Hot Rock										
H20_31	421476.00	3863085.77	19		1/19/06	0.00	Y	N											
H20_30	421476.91	3863085.47	35		1/19/06	0.00	Y	N											
H20_28	421470.97	3863085.31	36		1/19/06	0.00	Y	N											
H20_25	421477.06	3863084.71	15		1/19/06	0.00	Y	N											
H20_21	421470.66	3863084.17	5		1/27/06		N	N	Checked immediately										
H20_20	421479.29	3863084.10	26		1/19/06	0.00	Y	N											

Table F4-2: QC of Dig Results

TARG_ID	EASTING	NORTHING	CH1	CHI	D_QC_Date_1	D_Offset from_Reacq_1	D_QC_Item_Matches_ Anomaly_1	D_QC_Recheck_ EM61?_1	D_QC_Comments_1	D_QC_Date_2	D_Offset from_Reacq_2	D_QC_Item_Matches_ Anomaly_2	D_QC_Recheck_ EM61?_2	D_QC_Comments_2	D_QC_Date_3	D_Offset from_Reacq_3	D_QC_Item_Matches_ Anomaly_3	D_QC_Recheck_ EM61?_3	D_QC_Comments_3	
H20_19	421477.83	3863083.94	14		1/19/06	0.00	Y	N												
H20_10	421477.82	3863081.66	32		1/27/06	0.00	Y	N												
G21_C3	421495.18	3863057.41	36	8	1/19/06	13.00	Y	N												
G20_C9	421454.66	3863056.52	13	6	1/11/06	0.00	N	N	Apparent pipeline on map.											
G20_C6	421462.89	3863053.16	16	11	1/11/06	0.00	Y	N												
G20_C4	421461.97	3863052.25	10	7	1/11/06	0.00	Y	N												
G20_C3	421457.86	3863051.95	41	5	1/11/06	0.00	Y	N												
G20_C22	421462.43	3863068.70	217	23	1/11/06	0.00	Y	N												
G20_C21	421461.52	3863068.09	155	19	1/11/06	0.00	Y	N												
G20_C12	421454.20	3863060.02	87	9	1/11/06	0.00	Y	N												
G20_C11	421455.12	3863058.35	164	15	1/11/06	0.00	N	N	Apparent pipeline on map.											
G20_C1	421461.06	3863049.81	9	5	1/11/06	13.00	Y	N												
G20_81	421477.06	3863078.76	30		1/27/06	0.00	Y	N												
G20_53	421459.69	3863071.14	21		1/11/06	0.00	Y	N												
G20_52	421458.77	3863070.83	13		1/11/06	0.00	Y	N												
G20_28	421456.03	3863061.39	129		1/11/06	0.00	Y	N												
G20_24	421465.63	3863058.95	13		1/11/06	0.00	Y	N												
G20_1	421484.37	3863049.34	46		1/27/06	0.00	N	Y	Nail at 45mV											
G19_C5	421440.65	3863060.95		7	1/11/06	14.87	Y	Y	27in from orig location.											
G19_C4	421440.19	3863056.98	47	6	1/10/06		Y	N	QC Item	1/10/06	0	Y	N	QC Item	1/11/06	0	Y	N		
G19_C3	421433.33	3863055.46		8	1/11/06	0.00	Y	N												
G19_C1	421434.24	3863053.94	29	5	1/11/06	0.00	Y	N												
G19_5	421437.90	3863051.35	33		1/11/06	0.00	Y	N												
G19_4	421435.61	3863050.59	13		1/11/06	0.00	Y	N												
G19_17	421440.19	3863061.09	11		1/11/06	14.87	Y	Y	35in from orig location.											
F21_C9	421501.58	3863034.71		31	1/11/06	0.00	Y	N												
F21_C8	421495.18	3863034.26	11	6	1/10/06		Y	N		1/10/06	0	Y	N		1/26/06	0	Y	N		
F21_C7	421494.27	3863033.95	8	5	1/10/06		Y	N		1/10/06	0	Y	N							
F21_C5	421504.32	3863032.88		11	1/11/06	0.00	Y	N												
F21_C4	421496.09	3863029.54	138	7	1/11/06	0.00	Y	N												
F21_C29	421484.68	3863049.34	72	7	1/11/06	0.00	Y	N												
F21_C28	421498.38	3863049.03		8	1/10/06		Y	N		1/10/06	0	Y	N							
F21_C26	421496.10	3863048.27	14	5	1/10/06		Y	N		1/10/06	0	Y	N							
F21_C25	421497.47	3863047.50	4	5	1/10/06		Y	N		1/10/06	0	Y	N							
F21_C24	421486.05	3863047.36	84	7	1/11/06	0.00	Y	N												
F21_C23	421497.01	3863045.07	7	4	1/10/06		Y	N		1/10/06	0	Y	N							
F21_C22	421493.35	3863044.76	4	4	1/10/06		Y	N		1/10/06	0	Y	N							
F21_C21	421495.18	3863044.31		8	1/10/06		Y	N		1/10/06	0	Y	N							
F21_C20	421497.47	3863043.70	5	4	1/10/06		Y	N		1/10/06	0	Y	N							
F21_C2	421489.70	3863026.04	80	5	1/10/06		Y	N		1/10/06	0	Y	N							
F21_C19	421490.16	3863042.33	13	15	1/10/06		Y	N		1/10/06	0	Y	N							
F21_C18	421493.35	3863041.87	5	5	1/10/06		Y	N		1/10/06	0	Y	N							
F21_C17	421488.33	3863041.57	54	8	1/10/06		Y	N	QC Item	1/10/06	0	Y	N	QC Item						
F21_C16	421496.10	3863041.36		5	1/10/06		Y	N		1/10/06	0	Y	N							
F21_C15	421495.18	3863038.22	9	4	1/10/06		Y	N		1/10/06	12	Y	N							
F21_C14	421501.12	3863036.69	13	11	1/11/06	0.00	Y	N												
F21_C13	421490.16	3863036.24	11	5	1/10/06		Y	N	Only 7in from orig picked location.	1/10/06	16.97	Y	N	Only 7in from orig picked location.						
F21_C12	421504.78	3863035.93		33	1/10/06		Y	N		1/10/06	0	Y	N							
F21_C11	421497.92	3863035.17	5	6	1/11/06	0.00	Y	N												
F21_C10	421491.98	3863034.87		9	1/10/06		Y	N		1/10/06	0	Y	N							
F21_C1	421484.67	3863023.45		5	1/10/06		Y	N		1/10/06	0	Y	N							
F21_6	421485.13	3863023.60	50		1/10/06		Y	N		1/10/06	0	Y	N							
F21_41	421494.72	3863044.31	34		1/10/06		Y	N		1/10/06	0	Y	N							
F21_40	421495.64	3863044.15	10		1/10/06		Y	N		1/10/06	0	Y	N							
F21_4	421490.69	3863020.10	7		1/10/06		Y	N		1/10/06	0	Y	N							
F21_39	421501.58	3863044.00	13		1/10/06		Y	N		1/10/06	0	Y	N		1/26/06	0	Y	N		
F21_38	421500.82	3863044.00	5		1/30/06	0.00	Y	N												
F21_32	421496.55	3863041.53	6		1/10/06		Y	N		1/10/06	0	Y	N							
F21_31	421491.15	3863041.26	25		1/10/06		Y	N		1/10/06	0	Y	N							
F21_29	421490.61	3863037.46	62		1/10/06		Y	N		1/10/06	0	Y	N							
F21_26	421504.78	3863035.40	192		1/10/06		Y	N		1/10/06	0	Y	N							
F21_24	421502.04	3863034.82	54		1/11/06	0.00	Y	N												
F21_23	421492.44	3863034.56	11		1/10/06		Y	N		1/10/06	0	Y	N							
F21_18	421503.86	3863032.73	322		1/23/06	0.00	Y	N												
F21_12	421504.32	3863027.70	8		1/11/06	0.00	Y	N	Under cart path, not dug, small anomaly.											
F20_C7	421474.77	3863028.02	10038	409	1/10/06		Y	N		1/10/06	0	Y	N							
F20_C6	421471.57	3863027.87	43	4	1/10/06		Y	N		1/10/06	0	Y	N							
F20_C5	421456.02	3863026.36	229	18	1/10/06		Y	N		1/10/06	0	Y	N							
F20_C4	421476.14	3863025.13	4	6	1/10/06	No Contact	NA													

**Table F4-2: QC of Dig Results**

TARG_ID	EASTING	NORTHING	CH1	CHI	D_QC_Date_1	D_Offset from_Reacq_1	D_QC_Item_Matches_ Anomaly_1	D_QC_Recheck_ EM61?_1	D_QC_Comments_1	D_QC_Date_2	D_Offset from_Reacq_2	D_QC_Item_Matches_ Anomaly_2	D_QC_Recheck_ EM61?_2	D_QC_Comments_2	D_QC_Date_3	D_Offset from_Reacq_3	D_QC_Item_Matches_ Anomaly_3	D_QC_Recheck_ EM61?_3	D_QC_Comments_3
F20_C3	421477.96	3863024.82	13	49	1/10/06	No Contact	NA												
F20_C2	421470.65	3863019.80	10	4	1/10/06		Y	N	QC Item	1/10/06	0	Y	N	QC Item					
F20_C14	421463.80	3863048.44	66	7	1/19/06	0.00	Y	N											
F20_C11	421458.31	3863040.98	14	5	1/10/06	No Contact	NA												
F20_C10	421456.49	3863040.98	158	11	1/19/06	0.00	Y	N											
F20_C1	421482.08	3863019.64	808	36	1/10/06		Y	N		1/10/06	0	Y	N						
F20_5	421484.36	3863023.30	48		1/10/06		Y	N	Appears to be pipe on map as well.	1/10/06	0	Y	N	Appears to be pipe on map as well.					
F20_43	421462.74	3863046.77	14		1/19/06	0.00	Y	N											
F20_4	421480.10	3863021.17	59		1/10/06	No Contact	NA			1/19/06	0	N	N	Not digging under cart path.					
F20_36	421459.84	3863041.13	10		1/19/06	0.00	Y	N											
F20_26	421474.77	3863037.31	24		1/10/06		N	Y	24mV hot rock, unlikely.	1/10/06	0	N	Y	24mV hot rock, unlikely.	1/19/06	0	Y	N	
F20_22	421462.43	3863035.65	28		1/10/06		Y	N	QC Item	1/10/06	0	Y	N	QC Item					
F20_15	421470.19	3863028.79	8		1/10/06		Y	N		1/10/06	0	Y	N						
F20_14	421463.80	3863028.64	24		1/10/06		Y	N		1/10/06	0	Y	N						
F20_13	421458.77	3863028.57	8		1/10/06		Y	N		1/10/06	0	Y	N						
F20_12	421468.37	3863028.33	14		1/10/06		Y	N		1/10/06	0	Y	N						
F19_C9	421442.01	3863045.41	360	21	1/11/06	0.00	Y	N											
F19_C8	421423.72	3863043.89	11	5	1/11/06	0.00	Y	N											
F19_C7	421450.24	3863042.81	1797	105	1/11/06	0.00	Y	N											
F19_C4	421438.35	3863038.70	78	7	1/11/06	0.00	Y	N											
F19_C3	421450.23	3863032.45	150	11	1/11/06	0.00	Y	N											
F19_C17	421439.27	3863048.45	774	66	1/11/06	0.00	Y	N											
F19_C16	421427.61	3863047.77	6	5	1/11/06	0.00	Y	N	Hotrock, but was no contact on reacq.										
F19_C15	421435.31	3863047.69	378	37	1/11/06	0.00	Y	N											
F19_C14	421441.10	3863047.39	31	7	1/11/06	0.00	Y	N											
F19_C13	421447.04	3863047.23	36	4	1/11/06	0.00	Y	N											
F19_C12	421436.52	3863046.32	13	6	1/11/06	0.00	Y	N	QC Items										
F19_C11	421441.10	3863046.02	73	13	1/11/06	0.00	Y	N											
F19_C10	421444.75	3863045.71	620	52	1/11/06	0.00	Y	N											
F19_C1	421451.15	3863025.75	104	9	1/11/06	0.00	Y	N											
F19_40	421446.58	3863046.32	24		1/11/06	0.00	Y	N											
F19_23	421445.67	3863039.92	58		1/11/06	0.00	Y	N											
E21_C4	421488.78	3863012.94	32	4	1/10/06		Y	N		1/10/06	0	Y	N						
E21_C3	421490.15	3863010.65	26	5	1/10/06		Y	N		1/10/06	0	Y	N						
E21_C2	421488.78	3863010.19	49	8	1/10/06		Y	N		1/10/06	0	Y	N						
E21_C1	421491.52	3863004.40		5	1/10/06	No Contact	NA												
E21_6	421486.19	3863008.98	28		1/10/06		N	??	27 is a little high for a nail? QC Item	1/10/06	0	N	??	27 is a little high for a nail? QC Item					
E21_5	421485.58	3863008.22	14		1/10/06		Y	N	QC Item ??	1/10/06	0	Y	N	QC Item ??					
E21_2	421491.52	3863003.79	9		1/10/06	No Contact	NA												
E21_13	421486.49	3863014.16	12		1/10/06		Y	N		1/10/06	0	Y	N						
E21_11	421485.12	3863012.02	12		1/10/06		Y	N		1/10/06	0	Y	N						
E20_C3	421480.71	3863017.97		6	1/10/06		Y	N	QC Item	1/10/06	0	Y	N	QC Item					
E20_C2	421481.62	3863015.23	25	6	1/10/06		Y	N	QC Item	1/10/06	0	Y	N	QC Item					

Table F4-3: QC of Anomaly Excavation

TARG_ID	EASTING	NORTHING	CHI	CHI	Reason_1	Date Qced_1	QC CH1_1	QC Chi_1	QC X_1	QC Y_1	Actions_1	QC_Results_1	Reason_2	Date Qced_2	QC CH1_2	QC Chi_2	QC X_2	QC Y_2	Actions_2	QC_Results_2	Reason_3	Date Qced_3	QC CH1_3	QC Chi_3	QC X_3	QC Y_3	Actions_3	QC_Results_3	Reason_4	Date Qced_4	QC CH1_4	QC Chi_4	QC X_4	QC Y_4	Actions_4	QC_Results_4	Reason_5	Date Qced_5	QC CH1_5	QC Chi_5	QC X_5	QC Y_5	Actions_5	QC_Results_5										
C17_C1	421389.59	3862952.03	49	6	Random Pick	1/16/2006	N/C				N/C		Random Pick	1/16/2006					N/C		Random Pick	1/16/2006					N/C																											
C18_C1	421423.39	3862927.50	27	5	Item didn't match target on map	1/25/2006	N/C				Pulled all survey nails, N/C		Random Pick	1/17/2006					Survey Nail, still in place		Random Pick	1/17/2006					Survey Nail, still in place																											
C18_C1	421423.39	3862927.50	27	5	Item didn't match target on map	1/25/2006	N/C				Pulled all survey nails, N/C		Random Pick	1/17/2006					Survey Nail, still in place		Item didn't match target on map	1/25/2006					Pulled all survey nails, N/C																											
C18_C2	421396.90	3862950.05	5	7	Random Pick	1/25/2006	N/C						Random	1/25/2006					N/C		Item didn't match target on map	1/25/2006					N/C																											
C18_OA2	421420.65	3862935.11	10	10	Item didn't match target on map	1/25/2006	N/C						Hot rock	1/17/2006					N/C		Item didn't match target on map	1/25/2006					N/C																											
C18_OA2	421420.65	3862935.11	10	10	Item didn't match target on map	1/25/2006	N/C						Hot rock	1/17/2006					N/C		Hot rock	1/17/2006					N/C																											
C18_OA4	421422.02	3862942.58	7	7	Item didn't match target on map	1/25/2006	N/C						No Contact	1/17/2006					N/C		No Contact	1/17/2006					N/C																											
C18_OA4	421422.02	3862942.58	7	7	Item didn't match target on map	1/25/2006	N/C						No Contact	1/17/2006					N/C		Item didn't match target on map	1/25/2006					N/C																											
D17_11	421384.11	3862961.17	56	56	Random Pick	1/17/2006	N/C						Random Pick	1/17/2006					N/C																																			
D17_13	421384.41	3862961.92	1	1	Item didn't match target on map	1/25/2006	N/C						Item didn't match target on map	1/25/2006					N/C																																			
D17_C1	421384.11	3862958.73	86	7	Item didn't match target on map	1/25/2006	N/C						Item didn't match target on map	1/25/2006					N/C																																			
D17_C11	421387.77	3862980.82	107	48	Random Pick	1/17/2006							Random Pick	1/17/2006																																								
D17_C4	421384.57	3862965.28	27	7	Random Pick	1/25/2006	N/C						No Contact	1/17/2006					N/C		Random	1/25/2006					N/C																											
D17_C4	421384.57	3862965.28	27	7	Random Pick	1/25/2006	N/C						No Contact	1/17/2006					N/C		No Contact	1/17/2006					N/C																											
D17_C5	421384.11	3862972.14	6	5	Random Pick	1/17/2006	N/C						Random Pick	1/17/2006					N/C		No Contact	1/17/2006					N/C																											
D17_C9	421388.22	3862979.15	610	30	Random Pick	1/17/2006							Random Pick	1/17/2006																																								
D18_28	421395.06	3862967.11	20	20	Random Pick	1/16/2006	N/C						Random Pick	1/16/2006					N/C		Random Pick	1/16/2006					N/C																											
D18_63	421411.52	3862975.18	189	189	Random Pick	1/17/2006	N/C						Random Pick	1/17/2006					N/C																																			
D18_C1	421423.38	3862958.11	50	5	Random Pick	1/16/2006	Survey nail, still in place.				Survey nail, still in place.		Item didn't match target on map	1/25/2006					Pulled all survey nails, N/C		Random Pick	1/16/2006					Survey nail, still in place.																											
D18_C1	421423.38	3862958.11	50	5	Random Pick	1/16/2006	Survey nail, still in place.				Survey nail, still in place.		Item didn't match target on map	1/25/2006					Pulled all survey nails, N/C		Random Pick	1/16/2006					Survey nail, still in place.																											
D18_C14	421395.54	3862967.41	9	11	Random Pick	1/17/2006							Random Pick	1/17/2006																																								
D18_C18	421411.06	3862975.18	189	15	Random Pick	1/17/2006							Random Pick	1/17/2006																																								
D18_C19	421412.43	3862975.48	9	9	Random Pick	1/17/2006							Random Pick	1/17/2006																																								
E20_C2	421481.62	3863015.23	25	6	Random Pick	1/17/2006							Random Pick	1/17/2006																																								
E21_13	421486.49	3863014.16	12	12	Random Pick	1/16/2006	N/C						Random Pick	1/16/2006							Random Pick	1/16/2006					N/C																											
E21_5	421485.58	3863008.22	14	14	Item didn't match target on map	1/25/2006	N/C						Item didn't match target on map	1/25/2006					N/C																																			
E21_6	421486.19	3863008.98	28	28	Item didn't match target on map	1/25/2006	N/C						Item didn't match target on map	1/25/2006					N/C																																			
E21_C4	421488.78	3863012.94	32	4	Random Pick	1/17/2006	N/C						Random Pick	1/17/2006																																								
E21_QA4	421487.86	3863006.54	4	4	Random Pick	1/17/2006	N/C						Random Pick	1/17/2006																																								
E21_QA4	421487.86	3863006.54	4	4	Item didn't match target on map	1/25/2006	N/C						Random Pick	1/17/2006							Item didn't match target on map	1/25/2006					N/C																											
F19_23	421445.67	3863039.92	58	58	Random Pick	1/16/2006	N/C						Random Pick	1/18/2006	N/C												N/C																											
F19_23	421445.67	3863039.92	58	58	Random Pick	1/16/2006	N/C						Random Pick	1/18/2006	N/C													N/C																										
F19_23	421445.67	3863039.92	58	58	Random Pick	1/16/2006	N/C						Random Pick	1/18/2006	N/C													N/C																										
F19_23	421445.67	3863039.92	58	58	Random Pick	1/16/2006	N/C						Random Pick	1/18/2006	N/C													N/C																										
F19_23	421445.67	3863039.92	58	58	Random Pick	1/16/2006	N/C						Random Pick	1/																																								



Table F4-3: QC of Anomaly Excavation

TARG_ID	EASTING	NORTHING	CHI	CHI	Reason_1	Date Qced_1	QC CH1_1	QC Chi_1	QC X_1	QC Y_1	Actions_1	QC_Results_1	Reason_2	Date Qced_2	QC CH1_2	QC Chi_2	QC X_2	QC Y_2	Actions_2	QC_Results_2	Reason_3	Date Qced_3	QC CH1_3	QC Chi_3	QC X_3	QC Y_3	Actions_3	QC_Results_3	Reason_4	Date Qced_4	QC CH1_4	QC Chi_4	QC X_4	QC Y_4	Actions_4	QC_Results_4	Reason_5	Date Qced_5	QC CH1_5	QC Chi_5	QC X_5	QC Y_5	Actions_5	QC_Results_5	
I21_43	421485.62	3863127.21	10		Hot rock	1/16/2006	12	1.1	0	0	Dig team to revisit		Revisit	N/C after piece of steel found.	1/19/2006				N/C after piece of steel found.		Revisit	1/19/2006					N/C after piece of steel found.		Hot rock	1/16/2006	12	1.1	0	0	Dig team to revisit	Piece of steel found on 1/19									
I21_43	421485.62	3863127.21	10		Hot rock	1/16/2006	12	1.1	0	0	Dig team to revisit		Revisit	N/C after piece of steel found.	1/19/2006				N/C after piece of steel found.		Hot rock	1/16/2006	12	1.1	0	0	Dig team to revisit	Piece of steel found on 1/19	Hot rock	1/16/2006	12	1.1	0	0	Dig team to revisit	Piece of steel found on 1/19									
I21_45	421490.18	3863128.28	6		Random	N/C	1/19/2006				N/C		Random	1/19/2006					N/C		Random	1/19/2006					N/C																		
I21_49	421490.18	3863129.04	21		21in from orig location	1/16/2006	N/C				N/C		21in from orig location	1/16/2006					N/C		21in from orig location	1/16/2006					N/C																		
I21_70	421491.09	3863136.51	5		Random Pick	1/16/2006	N/C				N/C		Random Pick	1/16/2006					N/C		Random Pick	1/16/2006					N/C																		
I21_74	421511.65	3863140.47	80		80mV high for 1 nail. 24in from original location.	1/18/2006	7	2.7	0	0	Dig team to revisit		80mV high for 1 nail. 24in from original location.	1/18/2006	7	2.7	0	0	Dig team to revisit		80mV high for 1 nail. 24in from original location.	1/18/2006	7	2.7	0	0	Dig team to revisit	5 additional nails found on 1/24																	
I21_74	421511.65	3863140.47	80		80mV high for 1 nail. 24in from original location.	1/18/2006	7	2.7	0	0	Dig team to revisit		80mV high for 1 nail. 24in from original location.	1/18/2006	7	2.7	0	0	Dig team to revisit		80mV high for 1 nail. 24in from original location.	1/18/2006	7	2.7	0	0	Dig team to revisit	5 additional nails found on 1/24																	
I21_C1	421514.83	3863110.29	40	4	40mV is high for 1 nail. Near missing QA seed	1/16/2006					Survey nail in cart path, still in place		40mV is high for 1 nail.	1/16/2006					Survey nail in cart path, still in place		40mV is high for 1 nail.	1/16/2006					Survey nail in cart path, still in place																		
I21_C12	421484.70	3863140.78	68	20	Item didn't match target on map	1/23/2006	90	14	0	0	Dig team to revisit		Item didn't match target on map	1/25/2006																															
I21_C2	421486.54	3863115.17	76	7	Random	1/25/2006	73	10.8	-12	-12	Dig team to revisit		Random	1/25/2006	73	10.8	-12	-12	Dig team to revisit		Random	1/25/2006	73	10.8	-12	-12	Dig team to revisit																		
I21_C3	421484.71	3863116.70	82	10	Random	1/19/2006					N/C		Random	1/19/2006					N/C		Random	1/19/2006					N/C																		
I21_C6	421494.30	3863120.96	13	6	Random	1/19/2006					N/C		Random	1/19/2006					N/C		Random	1/19/2006					N/C																		
I21_C8	421487.90	3863129.04	66	8	Random	1/16/2006	N/C				N/C		Random	1/16/2006					N/C		Random	1/16/2006					N/C																		
I22_2	421516.51	3863110.90	12		Random Pick	1/16/2006	N/C				N/C		Random Pick	1/16/2006					N/C		Random Pick	1/16/2006					N/C																		
I22_C1	421526.12	3863111.97	4	4	Random Pick	1/16/2006	N/C				N/C		Random Pick	1/16/2006					N/C		Random Pick	1/16/2006					N/C																		
I22_C4	421516.61	3863140.78	4	4	Random	1/19/2006					N/C		Random	1/19/2006					N/C		Random	1/19/2006					N/C																		
I22_QA1	421528.86	3863110.75	8		QA	1/17/2006					N/C		QA	1/17/2006					N/C		QA	1/17/2006					N/C																		
J20_10	421481.04	3863145.95	14		Hot rock	1/16/2006	N/C				N/C		Hot rock	1/16/2006					N/C		Hot rock	1/16/2006					N/C																		
J20_20	421477.70	3863152.50	4		32in from original location	1/16/2006	N/C				N/C		32in from original location	1/16/2006					N/C		32in from original location	1/16/2006					N/C																		
J20_22	421483.33	3863152.96	17		Random Pick	1/16/2006	N/C				N/C		Random Pick	1/16/2006					N/C		Random Pick	1/16/2006					N/C																		
J20_3	421479.21	3863140.93	28		Hot rock (Same as C2)	1/16/2006	24	1.9	0	0	Dig team to revisit		Revisit	N/C after barb wire found	1/19/2006				N/C after barb wire found		Same as C2	1/23/2006	25	2.5	8	-3	Dig team to revisit		Revisit	1/19/2006						N/C after barb wire found		Revisit	1/19/2006					N/C after barb wire found	
J20_3	421479.21	3863140.93	28		Hot rock (Same as C2)	1/16/2006	24	1.9	0	0	Dig team to revisit		Revisit	N/C after barb wire found	1/19/2006				N/C after barb wire found		Same as C2	1/23/2006	25	2.5	8	-3	Dig team to revisit		Revisit	1/19/2006						N/C after barb wire found		Revisit	1/19/2006	24	1.9	0	0	Dig team to revisit	Barbwire found on 1/19
J20_3	421479.21	3863140.93	28		Hot rock (Same as C2)	1/16/2006	24	1.9	0	0	Dig team to revisit		Revisit	N/C after barb wire found	1/19/2006				N/C after barb wire found		Same as C2	1/23/2006	25	2.5	8	-3	Dig team to revisit		Revisit	1/19/2006						N/C after barb wire found		Revisit	1/19/2006	24	1.9	0	0	Dig team to revisit	Barbwire found on 1/19
J20_3	421479.21	3863140.93	28		Hot rock (Same as C2)	1/16/2006	24	1.9	0	0	Dig team to revisit		Revisit	N/C after barb wire found	1/19/2006				N/C after barb wire found		Same as C2	1/23/2006	25	2.5	8	-3	Dig team to revisit		Revisit	1/19/2006						N/C after barb wire found		Revisit	1/19/2006	24	1.9	0	0	Dig team to revisit	Barbwire found on 1/19
J20_31	421479.68	3863162.56	34		20in from orig target.	1/16/2006	N/C				N/C		20in from orig target.	1/16/2006					N/C		20in from orig target.	1/16/2006					N/C																		
J20_33	421482.27	3863166.06	72		71mv hot rock (same as C11)	1/16/2006	60	5.6	0	0	Dig team to revisit		Revisit	N/C after piece of wire found	1/19/2006				N/C after piece of wire found		Revisit	1/19/2006					N/C after piece of wire found		Revisit	1/19/2006															
J20_33	421482.27	3863166.06	72		71mv hot rock (same as C11)	1/16/2006	60	5.6	0	0	Dig team to revisit		Revisit	N/C after piece of wire found	1/19/2006				N/C after piece of wire found		71mv hot rock (same as C11)	1/16/2006	60	5.6	0	0	Dig team to revisit	Wire found on 1/19	Revisit	1/19/2006						N/C after piece of wire found		Revisit	1/19/2006						
J20_33	421482.27	3863166.06	72		71mv hot rock (same as C11)	1/16/2006	60	5.6	0	0	Dig team to revisit		Revisit	N/C after piece of wire found	1/19/2006				N/C after piece of wire found		71mv hot rock (same as C11)	1/16/2006	60	5.6	0	0	Dig team to revisit	Wire found on 1/19	Revisit	1/19/2006						N/C after piece of wire found		Revisit	1/19/2006						
J20_5	421478.76	3863142.15	10		Hot rock	1/16/2006	N/C				N/C		Hot rock	1/16/2006					N/C		Hot rock	1/16/2006					N/C																		
J20_9	421481.96	3863145.04	16		Hot rock	1/16/2006	N/C				N/C		Hot rock	1/16/2006					N/C		Hot rock	1/16/2006					N/C																		
J20_C1	421484.70	3863140.78	71	12	Random Pick	1/16/2006	N/C				N/C		Random Pick	1/16/2006					N/C		Random Pick	1/16/2006					N/C																		
J20_C11	421482.42	3863166.52	6		Hot rock (Same as 33)	1/16/2006	60	5.6	0	0	Dig team to revisit		Revisit	N/C after piece of wire found	1/19/2006				N/C after piece of wire found		Hot rock (Same as 33)	1/16/2006	60	5.6	0	0	Dig team to revisit	Wire found on 1/19	Revisit	1/19/2006						N/C after piece of wire found		Revisit	1/19/2006						
J20_C11	421482.42	3863166.52	6		Hot rock (Same as 33)	1/16/2006	60	5.6	0	0	Dig team to revisit		Revisit	N/C after piece of wire found	1/19/2006				N/C after piece of wire found		Hot rock (Same as 33)	1/16/2006	60	5.6	0	0	Dig team to revisit	Wire found on 1/19	Revisit	1/19/2006						N/C after piece of wire found		Revisit	1/19/2006						
J20_C11	421482.42	3863166.52	6		Hot rock (Same as 33)	1/16/2006	60	5.6	0	0	Dig team to revisit		Revisit	N/C after piece of wire found	1/19/2006				N/C after piece of wire found		Hot rock (Same as 33)	1/16/2006	60	5.6	0	0	Dig team to revisit	Wire found on 1/19	Revisit	1/19/2006						N/C after piece of wire found		Revisit	1/19/2006						
J20_C11	421482.42	3863166.52	6		Hot rock (Same as 33)	1/16/2006	60	5.6	0	0	Dig team to revisit		Revisit	N/C after piece																															

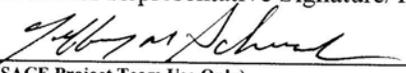
Table F4-3: QC of Anomaly Excavation

TARG_ID	EASTING	NORTHING	CHI	CHI	Reason_1	Date Qced_1	QC CH1_1	QC Chi_1	QC X_1	QC Y_1	Actions_1	QC_Results_1	Reason_2	Date Qced_2	QC CH1_2	QC Chi_2	QC X_2	QC Y_2	Actions_2	QC_Results_2	Reason_3	Date Qced_3	QC CH1_3	QC Chi_3	QC X_3	QC Y_3	Actions_3	QC_Results_3	Reason_4	Date Qced_4	QC CH1_4	QC Chi_4	QC X_4	QC Y_4	Actions_4	QC_Results_4	Reason_5	Date Qced_5	QC CH1_5	QC Chi_5	QC X_5	QC Y_5	Actions_5	QC_Results_5									
J20_QA28	421481.05	3863159.36	8		Hot Rock	1/23/2006	rock				Large Rock still in place w/ 11mV response directly over rock.		Hot Rock	1/23/2006					Large Rock still in place w/ 11mV response directly over rock.		Hot Rock	1/23/2006					Large Rock still in place w/ 11mV response directly over rock.																										
J21_27	421487.90	3863153.27	28		46 in away	1/23/2006	N/C				N/C		46 in away	1/23/2006					N/C		46 in away	1/23/2006					N/C																										
J21_30	421488.36	3863153.80	16		Random Pick	1/23/2006	N/C				N/C		Random Pick	1/23/2006					N/C		Random Pick	1/23/2006					N/C																										
J21_38	421486.99	3863155.86	34		Random Pick	1/23/2006	9	3.8	0	6	Dig team to revisit		Random Pick	1/23/2006	9	3.8	0	6	Dig team to revisit		Random Pick	1/23/2006	9	3.8	0	6	Dig team to revisit																										
J21_41	421508.46	3863156.91	13		Random Pick (same as C10)	1/16/2006	N/C				N/C		Random Pick (same as C10)	1/16/2006					N/C		Random Pick (same as C10)	1/16/2006					N/C																										
J21_64	421491.56	3863163.17	11		Random Pick	1/19/2006	N/C				N/C		Random Pick	1/19/2006					N/C		Random Pick	1/19/2006					N/C																										
J21_73	421490.19	3863166.82	38		Item didn't match target on map	1/25/2006	N/C				N/C		Random Pick	1/25/2006					N/C		Random Pick	1/25/2006					N/C																										
J21_C10	421509.38	3863157.83	19	6	Random Pick (same as 41)	1/16/2006	N/C				N/C		Random Pick (same as 41)	1/16/2006					N/C		Random Pick (same as 41)	1/16/2006					N/C																										
J21_C11	421509.83	3863158.89	11	5	Random Pick	1/16/2006	20	7.2	0	0	Dig team to revisit		Revisit	Sheet metal at the bottom of hole, not removed.	1/19/2006				Sheet metal at the bottom of hole, not removed.		Revisit	1/19/2006				0	Sheet metal at the bottom of hole, not removed.		Revisit	1/19/2006					Sheet metal at the bottom of hole, not removed.		Revisit	1/19/2006					Sheet metal at the bottom of hole, not removed.										
J21_C11	421509.83	3863158.89	11	5	Random Pick	1/16/2006	20	7.2	0	0	Dig team to revisit		Revisit	Sheet metal at the bottom of hole, not removed.	1/19/2006				Sheet metal at the bottom of hole, not removed.		Random Pick	1/16/2006	20	7.2	0	0	Dig team to revisit		Revisit	1/19/2006					Sheet metal at the bottom of hole, not removed.		Revisit	1/19/2006					Sheet metal at the bottom of hole, not removed.										
J21_C11	421509.83	3863158.89	11	5	Random Pick	1/16/2006	20	7.2	0	0	Dig team to revisit		Revisit	Sheet metal at the bottom of hole, not removed.	1/19/2006				Sheet metal at the bottom of hole, not removed.		Random Pick	1/16/2006	20	7.2	0	0	Dig team to revisit		Revisit	1/19/2006					Sheet metal at the bottom of hole, not removed.		Revisit	1/19/2006					Sheet metal at the bottom of hole, not removed.										
J21_C11	421509.83	3863158.89	11	5	Random Pick	1/16/2006	20	7.2	0	0	Dig team to revisit		Revisit	Sheet metal at the bottom of hole, not removed.	1/19/2006				Sheet metal at the bottom of hole, not removed.		Random Pick	1/16/2006	20	7.2	0	0	Dig team to revisit		Revisit	1/19/2006					Sheet metal at the bottom of hole, not removed.		Revisit	1/19/2006					Sheet metal at the bottom of hole, not removed.										
J21_C14	421505.27	3863160.27	36	7	No Contact	1/19/2006	N/C				N/C		No Contact	1/19/2006					N/C		No Contact	1/19/2006					N/C																										
J21_C16	421512.58	3863162.85	9	5	QA Target	1/16/2006	12	4.5	-24	-12	Dig team to revisit		Revisit	N/C after second beer can found.	1/19/2006				N/C after second beer can found.		Revisit	1/19/2006					N/C after second beer can found.		Revisit	1/19/2006					N/C after second beer can found.		Revisit	1/19/2006					N/C after second beer can found.										
J21_C16	421512.58	3863162.85	9	5	QA Target	1/16/2006	12	4.5	-24	-12	Dig team to revisit		Revisit	N/C after second beer can found.	1/19/2006				N/C after second beer can found.		Random Pick	1/16/2006	12	4.5	-24	-12	Dig team to revisit	Second beer can found.	Revisit	1/19/2006					N/C after second beer can found.		Revisit	1/19/2006					N/C after second beer can found.										
J21_C16	421512.58	3863162.85	9	5	QA Target	1/16/2006	12	4.5	-24	-12	Dig team to revisit		Revisit	N/C after second beer can found.	1/19/2006				N/C after second beer can found.		Random Pick	1/16/2006	12	4.5	-24	-12	Dig team to revisit	Second beer can found.	Revisit	1/19/2006					N/C after second beer can found.		Revisit	1/19/2006					N/C after second beer can found.										
J21_C16	421512.58	3863162.85	9	5	QA Target	1/16/2006	12	4.5	-24	-12	Dig team to revisit		Revisit	N/C after second beer can found.	1/19/2006				N/C after second beer can found.		Random Pick	1/16/2006	12	4.5	-24	-12	Dig team to revisit	Second beer can found.	Revisit	1/19/2006					N/C after second beer can found.		Revisit	1/19/2006					N/C after second beer can found.										
J21_C5	421496.12	3863142.91	89	10	Item didn't match target on map	1/25/2006	37	4.8	12	0	Dig team to revisit		Item didn't match target on map	1/25/2006	37	4.8	12	0	Dig team to revisit		Item didn't match target on map	1/25/2006	37	4.8	12	0	Dig team to revisit																										
J22_C4	421515.17	3863159.35	4	5	No Contact	1/23/2006	moved.				N/C		Random Pick	1/16/2006					N/C		Random Pick	1/16/2006					N/C																										
J22_C5	421527.51	3863159.80	61	9	Random Pick	1/16/2006	N/C				N/C		Random Pick	1/16/2006					N/C		Random Pick	1/16/2006					N/C																										
J22_C8	421522.03	3863164.22	43	6	Random Pick	1/23/2006	N/C				N/C		Random Pick	1/23/2006					N/C		Random Pick	1/23/2006					N/C																										
J22_C9	421531.17	3863165.28	50	8	Random Pick	1/23/2006	N/C				N/C		Random Pick	1/23/2006					N/C		Random Pick	1/23/2006					N/C																										
J22_QA30	421525.69	3863166.35	12		Under Cart Path	1/19/2006					Peak still there, no dig under cart path.		Under Cart Path	1/19/2006					Peak still there, no dig under cart path.		Under Cart Path	1/19/2006					Peak still there, no dig under cart path.																										
K20_C1	421481.96	3863171.24	41	5	Random Pick	1/23/2006	N/C				N/C		Random Pick	1/23/2006					N/C		Random Pick	1/23/2006					N/C																										
K21_C2	421502.53	3863171.38	1160	932	Random Pick	1/16/2006	N/C				Large metal stake, still in place		Random Pick	1/16/2006					Large metal stake, still in place		Random Pick	1/16/2006					Large metal stake, still in place																										
K21_C3	421512.13	3863171.38	46	11	Random Pick	1/16/2006	N/C				N/C		Random Pick	1/16/2006					N/C		Random Pick	1/16/2006					N/C																										
P20_5	421482.42	3863315.48	20		Random Pick	1/18/2006	20	2.3	0	6	Dig team to revisit		Random Pick	1/18/2006	20	2.3	0	6	Dig team to revisit		Revisit	1/24/2006					N/C after 6in spike found																										
P20_5	421482.42	3863315.48	20		Random Pick	1/18/2006	20	2.3	0	6	Dig team to revisit		Random Pick	1/18/2006	20	2.3	0	6	Dig team to revisit		Random Pick	1/18/2006	20	2.3	0	6	Dig team to revisit	6in spike found on 1/24																									
P20_C1	421482.66	3863322.32	38	7	Random Pick	1/18/2006	N/C				N/C		Random Pick	1/18/2006					N/C		Random Pick	1/18/2006					N/C																										
P21_10	421491.17	3863308.49	16		Random Pick	1/18/2006	N/C				N/C		Random Pick	1/18/2006					N/C		Random Pick	1/18/2006					N/C																										
P21_62	421488.90	3863321.41	13		22in from orig location	1/18/2006	13	1.4	4	6	Dig team to revisit		22in from orig location	1/18/2006	13	1.4	4	6	Dig team to revisit		Revisit	1/24/2006					N/C after nail found																										
P21_62	421488.90	3863321.41	13		22in from orig location																																																

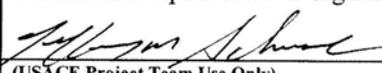
Table F4-3: QC of Anomaly Excavation

TARG_ID	EASTING	NORTHING	CHI	CHI	Reason_1	Date Qced_1	QC CH1_1	QC Chi_1	QC X_1	QC Y_1	Actions_1	QC_Results_1	Reason_2	Date Qced_2	QC CH1_2	QC Chi_2	QC X_2	QC Y_2	Actions_2	QC_Results_2	Reason_3	Date Qced_3	QC CH1_3	QC Chi_3	QC X_3	QC Y_3	Actions_3	QC_Results_3	Reason_4	Date Qced_4	QC CH1_4	QC Chi_4	QC X_4	QC Y_4	Actions_4	QC_Results_4	Reason_5	Date Qced_5	QC CH1_5	QC Chi_5	QC X_5	QC Y_5	Actions_5	QC_Results_5								
R20_32	421482.64	3863334.21	17		Item didn't match target on map	1/26/2006	N/C				N/C		Random Pick	1/17/2006	14	2.5	0	0	Dig team to revisit		Hits, after nail dug.	1/17/2006					Dug 24in, just chasing hot rock, okay																									
R20_32	421482.64	3863334.21	17		Item didn't match target on map	1/26/2006	N/C				N/C		Failure	1/17/2006					Dug 24in, just chasing hot rock, okay		Hits, after nail dug.	1/17/2006					Dug 24in, just chasing hot rock, okay																									
R20_4	421482.65	3863325.21	13		hot rock	1/18/2006	8	0.07	0	0	Dig team to revisit		hot rock	1/18/2006	8	0.07	0	0	Dig team to revisit		Revisit	1/24/2006					Team dug to 24 and found nothing																									
R20_4	421482.65	3863325.21	13		hot rock	1/18/2006	8	0.07	0	0	Dig team to revisit		hot rock	1/18/2006	8	0.07	0	0	Dig team to revisit		hot rock	1/18/2006	8	0.07	0	0	Dig team to revisit	Team dug to 24in on 1/24																								
R20_42	421473.47	3863336.20	29		Item didn't match target on map	1/26/2006	N/C				N/C		Item didn't match target on map	1/26/2006					N/C																																	
R20_44	421475.30	3863336.81	25		hot rock	1/18/2006	13	0.8	0	0	Dig team to revisit		hot rock	1/18/2006	13	0.8	0	0	Dig team to revisit		Revisit	1/24/2006					N/C after nail found																									
R20_44	421475.30	3863336.81	25		hot rock	1/18/2006	13	0.8	0	0	Dig team to revisit		hot rock	1/18/2006	13	0.8	0	0	Dig team to revisit		hot rock	1/18/2006	13	0.8	0	0	Dig team to revisit	Nail found on 1/24																								
R20_50	421476.22	3863338.06	22		Random Pick	1/18/2006	29	3.4	0	0	Dig team to revisit		Random Pick	1/18/2006	29	3.4	0	0	Dig team to revisit		Revisit	1/24/2006					N/C after wire and nail found																									
R20_50	421476.22	3863338.06	22		Random Pick	1/18/2006	29	3.4	0	0	Dig team to revisit		Random Pick	1/18/2006	29	3.4	0	0	Dig team to revisit		Random Pick	1/18/2006	29	3.4	0	0	Dig team to revisit	Wire and nail found on 1/24																								
R20_53	421470.26	3863339.10	18		Random Pick	1/17/2006					N/C		Random Pick	1/17/2006					N/C																																	
R20_60	421484.45	3863341.98	16		hot rock	1/18/2006	12	1.4	0	0	Dig team to revisit		hot rock	1/18/2006	12	1.4	0	0	Dig team to revisit		Revisit	1/24/2006					N/C after nail found																									
R20_60	421484.45	3863341.98	16		hot rock	1/18/2006	12	1.4	0	0	Dig team to revisit		hot rock	1/18/2006	12	1.4	0	0	Dig team to revisit		hot rock	1/18/2006	12	1.4	0	0	Dig team to revisit	Nail found on 1/24																								
R20_68	421481.24	3863346.86	16		Hot rock	1/18/2006	N/C				N/C		Hot rock	1/18/2006					N/C		Hot rock	1/18/2006					N/C																									
R20_C11	421482.17	3863340.77	145	8	Item didn't match target on map	1/26/2006	N/C				N/C		Item didn't match target on map	1/26/2006					N/C																																	
R20_C7	421474.84	3863338.79	224	10	20in from orig location	1/18/2006	N/C				N/C		Random Pick	1/17/2006					N/C		Random Pick	1/17/2006					N/C																									
R20_C7	421474.84	3863338.79	224	10	20in from orig location	1/18/2006	N/C				N/C		Random Pick	1/17/2006					N/C		Random Pick	1/17/2006					N/C																									
R20_C7	421474.84	3863338.79	224	10	20in from orig location	1/18/2006	N/C				N/C		Random Pick	1/17/2006					N/C		Random Pick	1/18/2006					N/C																									
R20_C7	421474.84	3863338.79	224	10	20in from orig location	1/18/2006	N/C				N/C		Random Pick	1/18/2006					N/C		Random Pick	1/18/2006					N/C																									
R21_12	421499.42	3863326.14	45		Item didn't match target on map	1/26/2006	N/C				N/C		Random Pick	1/17/2006					N/C		Random Pick	1/17/2006					N/C																									
R21_12	421499.42	3863326.14	45		Item didn't match target on map	1/26/2006	N/C				N/C		Random Pick	1/17/2006					N/C		Random Pick	1/17/2006					N/C																									
R21_30	421490.27	3863330.86	16		Random Pick	1/17/2006					N/C		Random Pick	1/17/2006					N/C		Random Pick	1/17/2006					N/C																									
R21_43	421490.26	3863332.99	22		Random Pick	1/17/2006					N/C		Random Pick	1/17/2006					N/C		Random Pick	1/17/2006					N/C																									
R21_45	421497.12	3863333.30	20		Item didn't match target on map	1/26/2006	N/C				N/C		Item didn't match target on map	1/26/2006					N/C																																	
R21_70	421485.67	3863343.51	11		hot rock	1/18/2006	N/C				N/C		hot rock	1/18/2006					N/C		hot rock	1/18/2006					N/C																									
R21_71	421491.16	3863343.50	30		Item didn't match target on map	1/26/2006	N/C				N/C		Item didn't match target on map	1/26/2006					N/C																																	
R21_C2	421487.99	3863327.20	61	4	Item didn't match target on map	1/26/2006	N/C				N/C		Random Pick	1/17/2006					N/C		Random Pick	1/17/2006					N/C																									
R21_C2	421487.99	3863327.20	61	4	Item didn't match target on map	1/26/2006	N/C				N/C		Random Pick	1/17/2006					N/C		Random Pick	1/17/2006					N/C																									
R21_C3	421490.72	3863333.60	30	5	Random Pick	1/17/2006					N/C		Random Pick	1/17/2006					N/C		Random Pick	1/17/2006					N/C																									
R21_D1	421488.00	3863334.81	2		Random Pick	1/17/2006					N/C		Random Pick	1/17/2006					N/C		Random Pick	1/17/2006					N/C																									

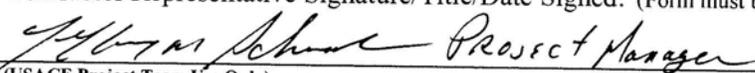
**APPENDIX F5  
CORRECTIVE ACTION REQUESTS**

CORRECTIVE ACTION REQUEST		NO. Croft2006-1
USACE Representative: Andrew Schwartz		Date Issued: 23/Jan/2006
Issued to: Zapata Engineering                      Response Due: 30 Jan 2006, sooner is recommended Contract # and T.O. # DACA87-00-D-0034, T.O.:0014 Project Name/Location: Former Camp Croft Removal OOU3, 11C&11D		
<b>Description of Condition Found:</b> There is a blind QA seed item in the immediate vicinity of anomalies J20-C1, J20-6 and J20-C4. The blind QA seed item was not recovered during normal excavation procedures and the dig results findings were QC accepted on 16 January 2006. There are other medium to large area and medium to high amplitude anomalies that have been excavated but where QA blind seed items have not been recovered in the immediate vicinity of the excavated anomalies. These have not yet been QC accepted, and are mentioned in this CAR only as an indication of a potentially systemic problem.		
<b>Apparent Cause:</b> Ineffective or improper implementation of post-excavation anomaly resolution procedures.		
(The Contractor will provide the following information to the Contracting Officer and USACE PM by the "Response Due" date above. Please contact the USACE Representative listed above if you have any questions)		
<b>Actual Cause:</b> (Contractor will investigate and determine cause of condition reported above. Actual cause should be stated as specifically as possible) The location of the seed item was under grid corner stake J-21. The area was checked previously with a magnetometer prior to placing the stake during the survey. The stake was placed in that location as there was no response from the magnetometer. This location was witnessed with a nail as are most grid corners on the project. After the geophysical mapping and analysis it was noted that an anomaly was at the location but was assumed to be the previously placed nail. The anomaly was not investigated based on this information.		
<b>Action Taken to Correct Condition:</b> (Corrective Action should address root cause, not the symptom) We will reexamine all locations that have been witnessed by nails to ensure that other anomalies are not being masked by the nails.		
<b>Action Taken to Prevent Recurrence:</b> This information will be distributed to ZE and BH geophysicists, and will be addressed in our QC manual on geophysics.		
<b>Action Taken to Monitor Effectiveness of Corrective Action:</b> (Generate data as proof. State the monitoring method put in place and who is responsible for reviewing data.) The project geophysicist and Sr. geophysicist will consider the influence of cultural features and grid markers when selecting DGM target picks.		
<b>Contractor Representative Signature/Title/Date Signed:</b> (Form must be signed before returning)  Project Manager      01-27-06		
(USACE Project Team Use Only) <b>Review of Corrective Action:</b> 1) Has condition improved? ___ Yes ___ No 2) Additional corrective action required? ___ Yes ___ No Comments: Completed form provided to Contracting Officer: (Date)		

Form 1401, 23 Feb 04

CORRECTIVE ACTION REQUEST	NO. Croft2006-2
USACE Representative: Andrew Schwartz	Date Issued: 25/Jan/2006
Issued to: Zapata Engineering                      Response Due: Prior to demobilization Contract # and T.O. # DACA87-00-D-0034. T.O.:0014 Project Name/Location: Former Camp Croft Removal OOU3, 11C&11D	
<b>Description of Condition Found:</b> Neither the anomaly review process nor the dig procedures use all information available from the geophysics data. As demonstrated to USAESCH on 24 January 2006, the current dig result review procedures only compare dig results to anomaly peak response. The defect in this procedure is that large area anomalies (anomalies with large physical footprints on the geophysics maps) may go unresolved when more than one piece of metal is buried in close proximity to the reacquired flag location. This defect is likely the cause of QA blind seeds not yet being excavated.	
<b>Apparent Cause:</b> Neither the anomaly review process nor the dig procedures use all information available from the geophysics data.	
<b>(The Contractor will provide the following information to the Contracting Officer and USACE PM by the "Response Due" date above. Please contact the USACE Representative listed above if you have any questions)</b>	
<b>Actual Cause:</b> (Contractor will investigate and determine cause of condition reported above. Actual cause should be stated as specifically as possible) Our overall objective by the SOW is to locate and remove the item of interest (Mk II hand grenade). We are primarily looking for isolated anomalies that fall within parameters established by the results of the GPO. This strategy has appeared to work well except under limited circumstances as pointed out by Mr. Schwartz.	
<b>Action Taken to Correct Condition:</b> (Corrective Action should address root cause, not the symptom) Additional review of large-area anomalies has been completed with additional anomalies to be investigated based on review of all aspects of the geophysical data.	
<b>Action Taken to Prevent Recurrence:</b> The project geophysicist has been instructed to apply additional steps during the QC process to ensure all targets identified within a large-area anomaly are investigated.	
<b>Action Taken to Monitor Effectiveness of Corrective Action:</b> (Generate data as proof. State the monitoring method put in place and who is responsible for reviewing data.) The dig results will be reviewed by the Sr. Geophysicist prior to final acceptance of clearance of large area anomalies.	
<b>Contractor Representative Signature/Title/Date Signed:</b> (Form must be signed before returning)	
 <span style="margin-left: 100px;">Project Manager</span> <span style="float: right;">01-27-06</span>	
(USACE Project Team Use Only)	
<b>Review of Corrective Action:</b> 1) Has condition improved? ___ Yes ___ No 2) Additional corrective action required? ___ Yes ___ No Comments: Completed form provided to Contracting Officer: (Date)	

Form 1401, 23 Feb 04

<b>CORRECTIVE ACTION REQUEST</b>	<b>NO. Croft2006-3</b>
USACE Representative: Andrew Schwartz	Date Issued: 25/Jan/2006
Issued to: Zapata Engineering                      Response Due: Prior to demobilization Contract # and T.O. # DACA87-00-D-0034. T.O.:0014 Project Name/Location: Former Camp Croft Removal OOU3, 11C&11D	
<b>Description of Condition Found:</b> Two USAESCH QA selected anomalies were found to be MEC. The anomaly selection criteria were ineffective in selecting these anomalies as potential MEC.	
<b>Apparent Cause:</b> Anomaly selection criteria appear to be too stringent in discriminating anomalies.	
<small>(The Contractor will provide the following information to the Contracting Officer and USACE PM by the "Response Due" date above. Please contact the USACE Representative listed above if you have any questions)</small>	
<b>Actual Cause:</b> (Contractor will investigate and determine cause of condition reported above. Actual cause should be stated as specifically as possible) Two separate causes were responsible for the failures of not locating the MD items. (1) The failure of Anomaly G-20QA_78 was caused by a data entry error. The item was selected as a target but was entered on the wrong line in the database and subsequently fell off the target list. (2) The failure of anomaly F19QA_9 was attributed to an anomaly that was below the established threshold for targets selected under our Power of Anomaly criteria.	
<b>Action Taken to Correct Condition:</b> (Corrective Action should address root cause, not the symptom) (1) We immediately reviewed all target lists for similar data entry errors. No additional entry errors were found. (2) We reviewed our selection criteria that established the power anomaly threshold limit. We reviewed the power thresholds of the remainder of the QA targets that were below our original threshold and applied those results to our selection process. We reviewed anomalies not picked between the low threshold and our prior established anomaly threshold (approximately 12 targets). We will sample these to validate the threshold criteria.	
<b>Action Taken to Prevent Recurrence:</b> These discrepancies will be briefed to all Project Managers, Technical Managers and responsible Geophysicists during routine project outbriefs on lessons learned.	
<b>Action Taken to Monitor Effectiveness of Corrective Action:</b> (Generate data as proof. State the monitoring method put in place and who is responsible for reviewing data.) The dig results for the additional target picks will reviewed by the OE Division Quality Manager, and a Sr. Geophysicist relative to the completed dig results if MEC is confirmed at the 12 selected locations, ZE will again analyze the threshold and impact to the OE removal effort.	
<b>Contractor Representative Signature/Title/Date Signed:</b> (Form must be signed before returning)	
 Project Manager                      01-27-06	
<small>(USACE Project Team Use Only)</small>	
<b>Review of Corrective Action:</b> 1) Has condition improved? ___ Yes ___ No 2) Additional corrective action required? ___ Yes ___ No Comments: Completed form provided to Contracting Officer: (Date)	

Form 1401, 23 Feb 04

**APPENDIX G  
SITE MANAGER/SUXOS DAILY DOCUMENTATION**

**DAILY OPERATIONS SUMMARIES**

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## DAILY OPERATIONS SUMMARY

1/4/2006

PAGE 1 OF 5 PAGES

**SITE / LOCATION:** Former Camp Croft, Spartanburg, SC

### 1. WORK SUMMARY

<b>a. Work Accomplished:</b>	<b>Number Completed SPA/Grid</b>	<b>Total Remaining SPA/Grid</b>
(1) Survey		
(2) Reacquire		
(3) Intrusive		
(4) Quality Control		
(5) Quality Assurance		

### b. Discrepancies

<b>c. Inspection Results:</b>	<b>Pass</b>	<b>Fail</b>
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

### 2. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE

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**Daily Operations Summary, Con't.**

**b. Daily Equipment:**

<b>Description:</b>	<b>Task:</b>	<b>Hours Used:</b>	<b>Remarks:</b>
<b>Truck 1 ton</b>	<b>019</b>	<b>10</b>	<b>Ford F350 4 X 4</b>
<b>Radio Handheld</b>	<b>019</b>	<b>0</b>	
<b>Schonstedt, 52CX</b>	<b>019</b>	<b>0</b>	
<b>Copier 6110</b>	<b>019</b>	<b>10</b>	

**5. Operational Remarks:**

Site personnel arrived and were given site-specific training by the Safety Officer and an operations briefing by the SUXOS. Administrative files and equipment were set up. Team and safety equipment were inventoried and discrepancies noted. Team members read the work plan. Daney Raye Gipson and Joel Morrell drove to the Charlotte, NC office to deliver some paperwork and to pick up a company vehicle and various items. Training was conducted on bobcat operations for Bruce McClain, David Patton, Ed English and Mike Fields. Training on the PDA digital dig sheets was held for Bruce McClain and David Patton. Duke Power repaired a downed power pole at the Dairy Ridge site. The SUXOS met with Taylor Hough to discuss working days of the week that includes the Martin Luther King Holiday. We may work Tuesday through Friday that week to enable the golf course to be open on the holiday. The safety officer picked up safety supplies from town. An attempt to contact Mrs. Pike and Mrs. Teaster to inform them of the removal action was made by knocking on their doors. As in several other attempts to contact them last month, they would not answer their doors. Mr. Petty was contacted and he was willing to work with us when we were going to work near his house.

**6. Signature / Date:**

**Date: 1/4/2006**

**SUXO / Project Manager**

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## DAILY OPERATIONS SUMMARY

1/5/2006

PAGE 1 OF 5 PAGES

**SITE / LOCATION:** Former Camp Croft, Spartanburg, SC

### 3. WORK SUMMARY

<b>a. Work Accomplished:</b>	<b>Number Completed Grid</b>	<b>Total Remaining Grid</b>
(1) Survey		
(2) Reacquire	2	33
(3) Intrusive		35
(4) Quality Control		35
(5) Quality Assurance		

#### b. Discrepancies

<b>c. Inspection Results:</b>	<b>Pass</b>	<b>Fail</b>
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

### 4. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE

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**b. Daily Equipment:**

Description:	Task:	Hours Used:	Remarks:
Truck 1 ton	019	10	Ford F350 4 X 4
Radio Handheld	019	12	
Schonstedt, 52CX	019	8	
Copier 6110	019	10	
Ford Explorer	019	10	
Silverado	019	10	

**9. Operational Remarks:**

NAVEA, Blackhawk and other Zapata employees joined site personnel for the morning meeting and site training/reacquire operations. UXO personnel continued skid steer & site training. Blackhawk & NAEVA personnel tested equipment on the GPO. After lunch the UXO team used X/Y coordinates to tape in the target anomalies in 35P2. NAEVA and Blackhawk personnel reacquired target anomalies after the UXO team positioned the flags completing 2 grids. Another unsuccessful attempt was made to contact Mrs. Pike and Mrs. Teaster about the removal action.

**10. Signature / Date:**

**Date: 1/5/2006**

**SUXO / Project Manager**

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## DAILY OPERATIONS SUMMARY

1/6/2006

PAGE 1 OF 5 PAGES

SITE / LOCATION: Former Camp Croft, Spartanburg, SC

### 5. WORK SUMMARY

<b>a. Work Accomplished:</b>	<b>Number Completed Grid</b>	<b>Total Remaining Grid</b>
(1) Survey		
(2) Reacquire	3	30
(3) Intrusive		35
(4) Quality Control		35
(5) Quality Assurance		

### b. Discrepancies

<b>c. Inspection Results:</b>	<b>Pass</b>	<b>Fail</b>
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

### 6. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE

--







**b. Daily Equipment:**

Description:	Task:	Hours Used:	Remarks:
Truck 1 ton	019	10	Ford F350 4 X 4
Radio Handheld	019	30	
Schonstedt, 52CX	019	20	
Copier 6110	019	10	
Ford Explorer	019	10	

**13. Operational Remarks:**

NAVEA, Blackhawk and Zapata employees continued placing and reacquiring target anomalies completing 3 grids. The UXO team placed flags in 11 grids and that completed all grids that could be reacquired without impacting the golf course operations.

**14. Signature / Date:**

**Date: 1/6/2006**

**SUXO / Project Manager**

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## DAILY OPERATIONS SUMMARY

1/7/2006

PAGE 1 OF 5 PAGES

**SITE / LOCATION:** Former Camp Croft, Spartanburg, SC

### 7. WORK SUMMARY

<b>a. Work Accomplished:</b>	<b>Number Completed Grid</b>	<b>Total Remaining Grid</b>
(1) Survey		
(2) Reacquire	6	24
(3) Intrusive		35
(4) Quality Control		35
(5) Quality Assurance		

#### b. Discrepancies

<b>c. Inspection Results:</b>	<b>Pass</b>	<b>Fail</b>
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

### 8. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE

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**b. Daily Equipment:**

Description:	Task:	Hours Used:	Remarks:
Truck 1 ton	019		Ford F350 4 X 4
Radio Handheld	019		
Schonstedt, 52CX	019	8	
Copier 6110	019		
Ford Explorer	019		

**17. Operational Remarks:**

NAVEA and Blackhawk employees continued reacquiring target anomalies and completed 6 grids.

**18. Signature / Date:**

**Date: 1/7/2006**

**SUXO / Project Manager**

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## DAILY OPERATIONS SUMMARY

1/8/2006

PAGE 1 OF 5 PAGES

**SITE / LOCATION:** Former Camp Croft, Spartanburg, SC

### 9. WORK SUMMARY

<b>a. Work Accomplished:</b>	<b>Number Completed Grid</b>	<b>Total Remaining Grid</b>
(1) Survey		
(2) Reacquire	4	20
(3) Intrusive		35
(4) Quality Control		35
(5) Quality Assurance		

#### b. Discrepancies

<b>c. Inspection Results:</b>	<b>Pass</b>	<b>Fail</b>
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

### 10. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE

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**b. Daily Equipment:**

Description:	Task:	Hours Used:	Remarks:
Truck 1 ton	019		Ford F350 4 X 4
Radio Handheld	019		
Schonstedt, 52CX	019	8	
Copier 6110	019		
Ford Explorer	019		

**21. Operational Remarks:**

NAVEA and Blackhawk employees continued reacquiring target anomalies completing 4 grids.

**22. Signature / Date:**

**Date: 1/8/2006**

**SUXO / Project Manager**

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## DAILY OPERATIONS SUMMARY

1/9/2006

PAGE 1 OF 5 PAGES

SITE / LOCATION: Former Camp Croft, Spartanburg, SC

### 11. WORK SUMMARY

a. Work Accomplished:	Number Completed Grid	Total Remaining Grid
(1) Survey		
(2) Reacquire	7	13
(3) Intrusive		35
(4) Quality Control		35
(5) Quality Assurance		

#### b. Discrepancies

c. Inspection Results:	Pass	Fail
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

### 12. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE







**b. Daily Equipment:**

Description:	Task:	Hours Used:	Remarks:
Truck 1 ton	019	10	Ford F350 4 X 4
Radio Handheld	019	40	
Schonstedt, 52CX	019	30	
Copier 6110	019	10	
Ford Explorer	019	10	

**25. Operational Remarks:**

NAVEA and Blackhawk employees continued to reacquire target anomalies completing 7 grids. The UXO team placed flags in 12 grids and conducted surface sweeps on 2 grids in 35P2. Attempts to contact Mrs. Pike and Mrs. Teaster failed as they did not answer their doors.

**26. Signature / Date:**

**Date: 1/9/2006**

**SUXO / Project Manager**

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## DAILY OPERATIONS SUMMARY

1/10/2006

PAGE 1 OF 5 PAGES

SITE / LOCATION: Former Camp Croft, Spartanburg, SC

### 13. WORK SUMMARY

a. Work Accomplished:	Number Completed Grid	Total Remaining Grid
(1) Survey		
(2) Reacquire	13	0
(3) Intrusive	3	32
(4) Quality Control		35
(5) Quality Assurance		

#### b. Discrepancies

c. Inspection Results:	Pass	Fail
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

### 14. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE







**b. Daily Equipment:**

Description:	Task:	Hours Used:	Remarks:
Truck 1 ton	019	10	Ford F350 4 X 4
Radio Handheld	019	40	
Schonstedt, 52CX	019	50	
Copier 6110	019	10	
Ford Explorer	019	10	

**29. Operational Remarks:**

NAVEA and Blackhawk employees continued reacquiring target anomalies completing all remaining grids. The UXO Team completed 2 grids in 31P and 1 grid in 33P. The UXO Team also worked in 5 other grids for a total of 71 anomalies cleared. The UXOSO talked to Mr. Petty and he agreed to be out of his house from 1130 to 1700 on Wednesday. Mrs. Teaster, who was assumed to be gone from her house, came out onto her back porch as the team was placing a MOAB near her property. She complained about the team damaging the bushes in the area. The SUXOS talked with her and explained that we would have to leave the area since she was home and asked if there was a time when she would be gone. She agreed to be out of her house from about 1100 to 1400 Wednesday. The SUXOS also assured her that we would be careful around the plants. The UXOSO talked with Mr. Petty and he agreed to vacate his house from about 1200 to 1700 Wednesday, but would not be out of his house for the rest of the week.

**30. Signature / Date:**

**Date: 1/10/2006**

**SUXO / Project Manager**

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## DAILY OPERATIONS SUMMARY

1/11/2006

PAGE 1 OF 5 PAGES

SITE / LOCATION: Former Camp Croft, Spartanburg, SC

### 15. WORK SUMMARY

<b>a. Work Accomplished:</b>	<b>Number Completed Grid</b>	<b>Total Remaining Grid</b>
(1) Survey		
(2) Reacquire		0
(3) Intrusive	3	29
(4) Quality Control		35
(5) Quality Assurance		

### b. Discrepancies

<b>c. Inspection Results:</b>	<b>Pass</b>	<b>Fail</b>
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

### 16. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE

--







**b. Daily Equipment:**

Description:	Task:	Hours Used:	Remarks:
Truck 1 ton	019	10	Ford F350 4 X 4
Radio Handheld	019	40	
Schonstedt, 52CX	019	50	
Copier 6110	019	10	
Ford Explorer	019	10	

**33. Operational Remarks:**

The UXO Team completed 2 grids in 31P and 1 grid in 33P. The UXO Team also worked in 8 other grids for a total of 107 anomalies cleared. The team tried to complete the grids adjacent to Mrs. Teaster and the Pettys' houses, but they came home earlier than expected and the excavations were not completed.

**34. Signature / Date:**

**Date: 1/11/2006**

**SUXO / Project Manager**

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## DAILY OPERATIONS SUMMARY

1/12/2006

PAGE 1 OF 5 PAGES

SITE / LOCATION: Former Camp Croft, Spartanburg, SC

### 17. WORK SUMMARY

<b>a. Work Accomplished:</b>	<b>Number Completed Grid</b>	<b>Total Remaining Grid</b>
(1) Survey		
(2) Reacquire		0
(3) Intrusive	7	22
(4) Quality Control		35
(5) Quality Assurance		

### b. Discrepancies

<b>c. Inspection Results:</b>	<b>Pass</b>	<b>Fail</b>
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

### 18. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE

--







**b. Daily Equipment:**

Description:	Task:	Hours Used:	Remarks:
Truck 1 ton	019	10	Ford F350 4 X 4
Radio Handheld	019	40	
Schonstedt, 52CX	019	50	
Copier 6110	019	10	
Ford Explorer	019	10	

**37. Operational Remarks:**

The UXO Team completed 1 grid in 31P, 1 grid in 32P, 2 grids in 33P and 3 grids in 29P for a total of 7 grids. The UXO Team also worked in 4 other grids for a total of 82 anomalies cleared. 2 live grenades were turned over to the Spartanburg County Police Dept. Bomb Squad for disposal.

**38. Signature / Date:**

**Date: 1/12/2006**

**SUXO / Project Manager**

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## DAILY OPERATIONS SUMMARY

1/16/2006

PAGE 1 OF 5 PAGES

SITE / LOCATION: Former Camp Croft, Spartanburg, SC

### 19. WORK SUMMARY

a. Work Accomplished:	Number Completed Grid	Total Remaining Grid
(1) Survey		
(2) Reacquire		0
(3) Intrusive	6	16
(4) Quality Control	6	29
(5) Quality Assurance		

#### b. Discrepancies

c. Inspection Results:	Pass	Fail
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

### 20. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE

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**b. Daily Equipment:**

Description:	Task:	Hours Used:	Remarks:
Truck 1 ton	019	10	Ford F350 4 X 4
Radio Handheld	019	40	
Schonstedt, 52CX	019	50	
Copier 6110	019	10	
Ford Explorer	019	10	

**41. Operational Remarks:**

The UXO Team completed 1 grid in 31P, 1 grid in 32P, 1 grid in 33P and 3 grids in 29P for a total of 6 grids. The UXO Team also worked in 2 other grids for a total of 51 geophysical anomalies cleared. Data gaps in 12 grids were mag & flagged for a total of 109 anomalies flagged. The team also reacquired QA anomalies in 12 grids. The Surveyors arrived and began flagging Croft 1 anomalies in 35P3. The SUXOS arranged for the McCallisters, the Stranges, the Pettys and Mrs. Teaster to vacate their houses tomorrow to allow the UXO team to conduct intrusive operations adjacent to their houses.

**42. Signature / Date:**

**Date: 1/16/2006**

**SUXO / Project Manager**

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## DAILY OPERATIONS SUMMARY

1/17/2006

PAGE 1 OF 5 PAGES

SITE / LOCATION: Former Camp Croft, Spartanburg, SC

### 21. WORK SUMMARY

<b>a. Work Accomplished:</b>	<b>Number Completed Grid</b>	<b>Total Remaining Grid</b>
(1) Survey		
(2) Reacquire		0
(3) Intrusive	6	10
(4) Quality Control	5	24
(5) Quality Assurance		

### b. Discrepancies

<b>c. Inspection Results:</b>	<b>Pass</b>	<b>Fail</b>
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

### 22. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE

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**b. Daily Equipment:**

Description:	Task:	Hours Used:	Remarks:
Truck 1 ton	019	10	Ford F350 4 X 4
Radio Handheld	019	40	
Schonstedt, 52CX	019	50	
Copier 6110	019	10	
Ford Explorer	019	10	

**45. Operational Remarks:**

The UXO Team completed 2 grids in 29P and 4 grids in 35P2 for a total of 6 grids. The UXO Team also dug 3 QA Anomalies. The Surveyors arrived and continued flagging Croft 1 anomalies in 40, GC2 and 35P4. The Pettys called and informed the SUXOS that they would not be able to vacate their home today. The SUXOS called Mrs. Teaster to let her know that there is no reason for her to vacate her house today. An arrangement was made for the Pettys and Mrs. Teaster to vacate on Thursday, 19 Jan. Mrs. Pike vacated her house for most of the day and informed the SUXOS that she planned to go to Georgia tomorrow.

**46. Signature / Date:**

**Date: 1/17/2006**

**SUXO / Project Manager**

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**DAILY OPERATIONS SUMMARY**

**1/18/2006**

**PAGE 1 OF 5 PAGES**

**SITE / LOCATION: Former Camp Croft, Spartanburg, SC**

**23. WORK SUMMARY**

<b>a. Work Accomplished:</b>	<b>Number Completed Grid</b>	<b>Total Remaining Grid</b>
(1) Survey		
(2) Reacquire		<b>0</b>
(3) Intrusive	<b>4</b>	<b>6</b>
(4) Quality Control	<b>1</b>	<b>23</b>
(5) Quality Assurance		

**b. Discrepancies**

<b>c. Inspection Results:</b>	<b>Pass</b>	<b>Fail</b>
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

**24. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE**

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**b. Daily Equipment:**

Description:	Task:	Hours Used:	Remarks:
Truck 1 ton	019	10	Ford F350 4 X 4
Radio Handheld	019	40	
Schonstedt, 52CX	019	50	
Copier 6110	019	10	
Ford Explorer	019	10	

**49. Operational Remarks:**

The UXO Team conducted excavations on Croft I anomalies completing 11 grids and 55 anomalies. The Surveyors arrived and completed flagging Croft 1 anomalies in 35P1 and 35P3. Mrs. Pike called and informed the SUXOS that her plans changed and she would not be leaving her house until Thursday. This forced the UXO team to work Croft I anomalies more than 200' away from her house.

**50. Signature / Date:**

**Date: 1/18/2006**

**SUXO / Project Manager**

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**DAILY OPERATIONS SUMMARY**

**1/19/2006**

**PAGE 1 OF 5 PAGES**

**SITE / LOCATION: Former Camp Croft, Spartanburg, SC**

**25. WORK SUMMARY**

<b>a. Work Accomplished:</b>	<b>Number Completed Grid</b>	<b>Total Remaining Grid</b>
(1) Survey		
(2) Reacquire		<b>0</b>
(3) Intrusive	<b>3</b>	<b>3</b>
(4) Quality Control	<b>4</b>	<b>19</b>
(5) Quality Assurance		

**b. Discrepancies**

<b>c. Inspection Results:</b>	<b>Pass</b>	<b>Fail</b>
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

**26. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE**

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**b. Daily Equipment:**

Description:	Task:	Hours Used:	Remarks:
Truck 1 ton	019	10	Ford F350 4 X 4
Radio Handheld	019	40	
Schonstedt, 52CX	019	50	
Copier 6110	019	10	
Ford Explorer	019	10	

**53. Operational Remarks:**

The UXO Team excavated anomalies that did not pass a QC inspection. At 0830 the Pettys' vacated their house. Mrs. Teaster left her house at 1000 and at this time the UXO team started excavations within 200' of the vacated homes. The team completed 3 grids and worked in another 7 grids excavating 110 anomalies.

**54. Signature / Date:**

**Date: 1/19/2006**

**SUXO / Project Manager**

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**DAILY OPERATIONS SUMMARY**

**1/23/2006**

**PAGE 1 OF 5 PAGES**

**SITE / LOCATION: Former Camp Croft, Spartanburg, SC**

**27. WORK SUMMARY**

<b>a. Work Accomplished:</b>	<b>Number Completed Grid</b>	<b>Total Remaining Grid</b>
(1) Survey		
(2) Reacquire		<b>0</b>
(3) Intrusive		<b>3</b>
(4) Quality Control	<b>1</b>	<b>18</b>
(5) Quality Assurance		

**b. Discrepancies**

<b>c. Inspection Results:</b>	<b>Pass</b>	<b>Fail</b>
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

**28. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE**

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**b. Daily Equipment:**

Description:	Task:	Hours Used:	Remarks:
Truck 1 ton	019	10	Ford F350 4 X 4
Radio Handheld	019	40	
Schonstedt, 52CX	019	50	
Copier 6110	019	10	
Ford Explorer	019	10	

**57. Operational Remarks:**

The UXO Team excavated Croft I anomalies and Croft II QA picks including one QA flagged by the ACOE safety representative on site. Four new personnel arrived and were briefed by Safety. The team worked in 8 grids excavating 57 anomalies. Mrs. Pike was contacted and she will vacate her house all day Tuesday. The Petty's agreed to vacate their house from 0900 to 1400 Tuesday as well. Mrs. Teaster normally is out Tuesdays so it appears that the team will be clear to finish the anomalies near their homes.

**58. Signature / Date:**

**Date: 1/23/2006**

**SUXO / Project Manager**

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## DAILY OPERATIONS SUMMARY

1/24/2006

PAGE 1 OF 5 PAGES

SITE / LOCATION: Former Camp Croft, Spartanburg, SC

### 29. WORK SUMMARY

a. Work Accomplished:	Number Completed Grid	Total Remaining Grid
(1) Survey		
(2) Reacquire		0
(3) Intrusive		3
(4) Quality Control	9	9
(5) Quality Assurance		

#### b. Discrepancies

c. Inspection Results:	Pass	Fail
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

### 30. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE

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**b. Daily Equipment:**

Description:	Task:	Hours Used:	Remarks:
Truck 1 ton	019	10	Ford F350 4 X 4
Radio Handheld	019	40	
Schonstedt, 52CX	019	50	
Copier 6110	019	10	
Ford Explorer	019	10	

**61. Operational Remarks:**

The UXO Team was split into two teams for a few hours so that anomalies in 35P1 within 200' of Mrs. Pikes house could be excavated while she was away. The other team members started excavations near the Petty's and Mrs. Teasters houses. 35 anomalies in 35P1 were excavated, 15 anomalies in 35P3 were excavated and 50 Croft II anomalies were excavated including some QC revisits and QA picks. One QA pick in G20 and one in F19 were Mk II practice grenades. 2 live Mk II frag grenades and 3 practice grenades with live blasting caps were turned over to the Spartanburg Police Dept. bomb squad. Mrs. Pike and Mrs. Teaster was away from their homes all day and the Petty's were away from 0830 to 1545.

**62. Signature / Date:**

**Date: 1/24/2006**

**SUXO / Project Manager**

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**DAILY OPERATIONS SUMMARY**

**1/25/2006**

**PAGE 1 OF 5 PAGES**

**SITE / LOCATION: Former Camp Croft, Spartanburg, SC**

**31. WORK SUMMARY**

<b>a. Work Accomplished:</b>	<b>Number Completed Grid</b>	<b>Total Remaining Grid</b>
(1) Survey		
(2) Reacquire		<b>0</b>
(3) Intrusive		<b>3</b>
(4) Quality Control		<b>9</b>
(5) Quality Assurance		

**b. Discrepancies**

<b>c. Inspection Results:</b>	<b>Pass</b>	<b>Fail</b>
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

**32. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE**

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**b. Daily Equipment:**

Description:	Task:	Hours Used:	Remarks:
Truck 1 ton	019	10	Ford F350 4 X 4
Radio Handheld	019	40	
Schonstedt, 52CX	019	50	
Copier 6110	019	10	
Ford Explorer	019	10	

**65. Operational Remarks:**

The UXO Team was split into two teams for six hours so that the remaining anomalies in 35P1 and anomalies in 35P3 more than 200' from Mrs. Pikes' house could be excavated while the data gap areas in (Croft II) 35P2, 31P, 32P and 33P were mag & flagged. 27 anomalies were excavated in 35P1 and 14 were excavated in 35P3. 13 flags were placed in 35P2 and 41 were placed in the 31P, 32P and 33P area. The SUXOS and UXOSO talked with Mr. Petty and Mrs. Teaster and was able to have them vacate their homes this Friday. Mrs. Pike said she could be out of her home from 0700 to 1530 tomorrow.

**66. Signature / Date:**

**Date: 1/25/2006**

**SUXO / Project Manager**

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## DAILY OPERATIONS SUMMARY

1/26/2006

PAGE 1 OF 5 PAGES

SITE / LOCATION: Former Camp Croft, Spartanburg, SC

### 33. WORK SUMMARY

<b>a. Work Accomplished:</b>	<b>Number Completed Grid</b>	<b>Total Remaining Grid</b>
(1) Survey		
(2) Reacquire		0
(3) Intrusive		3
(4) Quality Control	1	8
(5) Quality Assurance		

#### b. Discrepancies

<b>c. Inspection Results:</b>	<b>Pass</b>	<b>Fail</b>
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

### 34. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE

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**b. Daily Equipment:**

Description:	Task:	Hours Used:	Remarks:
Truck 1 ton	019	10	Ford F350 4 X 4
Radio Handheld	019	40	
Schonstedt, 52CX	019	40	
Copier 6110	019	10	
Ford Explorer	019	10	

**69. Operational Remarks:**

The UXO Team excavated 75 anomalies in the Croft I areas of 35P1 and 35P3. They also excavated 12 data gap anomalies and 2 QC anomalies in 35P2 (Croft II). Mrs. Pike did not return to her house until 1745, allowing the team to continue work for the entire day.

**70. Signature / Date:**

**Date: 1/26/2006**

**SUXO / Project Manager**

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## DAILY OPERATIONS SUMMARY

1/27/2006

PAGE 1 OF 5 PAGES

SITE / LOCATION: Former Camp Croft, Spartanburg, SC

### 35. WORK SUMMARY

<b>a. Work Accomplished:</b>	<b>Number Completed Grid</b>	<b>Total Remaining Grid</b>
(1) Survey		
(2) Reacquire		0
(3) Intrusive		4
(4) Quality Control	4	4
(5) Quality Assurance		

#### b. Discrepancies

<b>c. Inspection Results:</b>	<b>Pass</b>	<b>Fail</b>
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

### 36. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE







**b. Daily Equipment:**

Description:	Task:	Hours Used:	Remarks:
Truck 1 ton	019	6	Ford F350 4 X 4
Radio Handheld	019	24	
Schonstedt, 52CX	019	30	
Copier 6110	019	6	
Ford Explorer	019	6	

**73. Operational Remarks:**

The UXO Team excavated 40 anomalies in 31P, 32P and 33P adjacent to Mrs. Teasters house from 0730 to 1200. Intrusive operations stopped when Mrs. Teaster returned and golf course patrons arrived in the area. The four grids QC'd shown above are listed as complete because they are inaccessible and/or have no anomalies. The remaining 4 grids requiring intrusive and QC work are: G20, H21, I20 & J21. These all had anomalies remaining, however, with the local residents at home the UXO team was unable to complete the intrusive operations.

**74. Signature / Date:**

**Date: 1/27/2006**

**SUXO / Project Manager**

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## DAILY OPERATIONS SUMMARY

1/30/2006

PAGE 1 OF 5 PAGES

SITE / LOCATION: Former Camp Croft, Spartanburg, SC

### 37. WORK SUMMARY

<b>a. Work Accomplished:</b>	<b>Number Completed Grid</b>	<b>Total Remaining Grid</b>
(1) Survey		
(2) Reacquire		0
(3) Intrusive		7
(4) Quality Control		12
(5) Quality Assurance		

#### b. Discrepancies

<b>c. Inspection Results:</b>	<b>Pass</b>	<b>Fail</b>
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

### 38. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE

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**b. Daily Equipment:**

Description:	Task:	Hours Used:	Remarks:
Truck 1 ton	019	10	Ford F350 4 X 4
Radio Handheld	019	40	
Schonstedt, 52CX	019	20	
Copier 6110	019	10	
Ford Explorer	019	10	

**77. Operational Remarks:**

The UXO Team excavated 6 Croft II anomalies and 3 Croft I anomalies. The team was unable to conduct intrusive operations in 31P, 32P & 33P because the Pettys returned home earlier than they agreed to due to a vehicle accident. Intrusive operations stopped when golf course patrons arrived in the area. One live Mk II hand grenade was turned over to the Spartanburg Bomb Squad for disposal. One Mk II practice grenade, during the OE inspection process, was suspected to have explosive components and was turned over to the Spartanburg Bomb Squad as well.

**78. Signature / Date:**

**Date: 1/30/2006**

**SUXO / Project Manager**

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## DAILY OPERATIONS SUMMARY

1/31/2006

PAGE 1 OF 5 PAGES

SITE / LOCATION: Former Camp Croft, Spartanburg, SC

### 39. WORK SUMMARY

<b>a. Work Accomplished:</b>	<b>Number Completed Grid</b>	<b>Total Remaining Grid</b>
(1) Survey		
(2) Reacquire		0
(3) Intrusive		7
(4) Quality Control		12
(5) Quality Assurance		

#### b. Discrepancies

<b>c. Inspection Results:</b>	<b>Pass</b>	<b>Fail</b>
(1) Quality Control		
(2) Quality Assurance		
(3) Safety		

### 40. INSTRUCTIONS RECEIVED FROM CUSTOMER REPRESENTATIVE

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**b. Daily Equipment:**

Description:	Task:	Hours Used:	Remarks:
Truck 1 ton	019		Ford F350 4 X 4
Radio Handheld	019		
Schonstedt, 52CX	019		
Copier 6110	019		
Ford Explorer	019		

**81. Operational Remarks:**

The UXOSO/QC performed administrative tasks and removed pin flags from the work site. UXO team members and the Blackhawk employee demobilized from the site. The SUXOS and 2 other Zapata employees arrived from Charlotte to drive the company vehicles back to Charlotte. The SUXOS delivered the OE scrap to Arrow Steel.

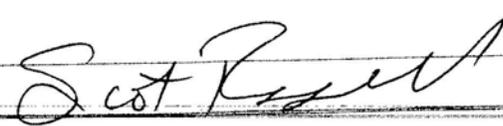
**82. Signature / Date:**

**Date: 1/31/2006**

**SUXO / Project Manager**

DAILY TEAM LEADER JOURNAL

TEAM# 1

DATE: 30 JAN 06				PROJECT: CROFT				
SUXOS: McCue				SSO: FARMER		QCS: FARMER		
TOTAL GRIDS CLEARED:				TOTAL EXCAVATIONS:				
TOTAL UXO: 1				TOTAL SCRAP:				
MAG TYPE: Schonstadt				MAG SETTING: 4				
CLIENT: ACE HUNTSVILLE				CONTRACT: DACA87-00-D-0034-0014				
FIELD OPERATION TIME: 4				GOV'T. DELAY TIME:				
WEATHER: CLEAR				TEMP: 45				
GRIDS CLEARED	TOTAL OE SCRAP	TOTAL LIVE OE	BIP Y/N	SMALL ARMS	TOTAL DIGS	NON-OE SCRAP	HAZ MAT LOCATED	B/H REQ
I22-5	NA	1	N	N	1	0	0	0
F21-38	NA	0	0	0	1	WIRE	0	0
H21-C8	NA	0	0	4 7.62mm CARTS	3	0	0	0
K21-C8	0	0	0	0	1 <del>0</del>	0	0	0
P22-C8	0	0	0	0	1 <del>0</del>	WIRE	0	0
S20-C29	0	0	0	0	1	4 pieces of wire	0	0
S20-C3	0	0	0	0	1	NAIL and wire	0	0
COMMENTS:								
CROFT 1 8:30 - 9:30								
CROFT 2 9:30 - 12:30								
K 22 <sup>C23</sup> CART PATH								
L 22-25 CART PATH								
TEAM LEADERS SIGNATURE:								

DAILY TEAM LEADER JOURNAL

TEAM# 1

DATA GAP

DATE: 27 JAN 06				PROJECT: CROFT 06				
SUXOS: DOUG MCCUE				SSO: FARMER <i>GLEN</i>		QCS: FARMER <i>GLEN</i>		
TOTAL GRIDS CLEARED:				TOTAL EXCAVATIONS: 40				
TOTAL UXO:				TOTAL SCRAP: 8.5 lbs				
MAG TYPE: FISHER SCHONSTADT				MAG SETTING: 4				
CLIENT:				CONTRACT: DACA87-00-D-0034-0014				
FIELD OPERATION TIME:				GOV'T. DELAY TIME:				
WEATHER:				TEMP:				
GRIDS CLEARED	TOTAL OE SCRAP	TOTAL LIVE OE	BIP Y/N	SMALL ARMS	TOTAL DIGS	NON-OE SCRAP	HAZ MAT LOCATED	B/H REQ
10M F19	0	0	NA	0	2	.5	N	N
10M G19	1 MK2 PRAC	0	NA	0	11	3	N	N
10M G20	3 MK2 PRAC 3 PULL RINGS	0	NA	0	13	3	N	N
H20	1 SPOON	0	NA	0	7	1	N	N
0M H21	0	0	NA	0	4	.5	N	N
J21	1 PULL RING	0	NA	0	3	.5	N	N
COMMENTS:								
TEAM LEADERS SIGNATURE: <i>Bruce McCue</i>								



### GRID LOCATION FORM

TEAM /										DATE 27 JAN 06										
GRID 619										SITE CROFT 06										
100																				
95																				
90																				
85																				
80																				
75																				
70																				
65																				
60																				
55																				
50																				
45																				
40																				
35																				
30																				
25																				
20																				
15																				
10																				
5																				
SW	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100

Note: Record any additional information on the back of the sheet.

○ = HOT ROCK

□ = MD

△ = CD

△ = A.9 NAILS  
 △ = A.8 BARBED WIRE  
 △ = A.7 BARBED WIRE  
 △ = A.6 BARBED WIRE  
 △ = A.5 BARBED WIRE  
 △ = A.4 BARBED WIRE  
 △ = A.3 STEEL NAILS  
 △ = A.2 NAILS  
 △ = A.1 NAILS



### GRID LOCATION FORM

TEAM 1	DATE 27 JAN 06
GRID H20	SITE CROFT 06

100																				
95																				
90																				
85																				
80																				
75																				
70																				
65																				
60																				
55																				
50																				
45																				
40																				
35																				
30																				
25																				
20																				
15																				
10																				
5																				
SW	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100

$\Delta = A.1$  WIRE  
 $\Delta = A.2$  WIRE  
 $\Delta = A.3$  WIRE  
 $\Delta = A.4$  WIRE  
 $\Delta = A.5$  RING  
 $\square = A.6$  SPAN

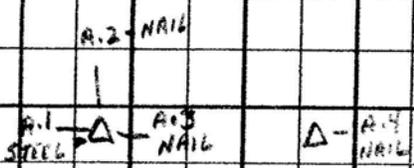
Note: Record any additional information on the back of the sheet.

$\Delta = CD$

$\square = MD$

### GRID LOCATION FORM

TEAM 1										DATE 27 JAN 06										
GRID H21										SITE CROFT 06										
100																				
95																				
90																				
85																				
80																				
75																				
70																				
65																				
60																				
55																				
50																				
45																				
40																				
35																				
30																				
25																				
20																				
15																				
10																				
5																				
SW	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100



Note: Record any additional information on the back of the sheet.

△ - CO  
 □ - MD

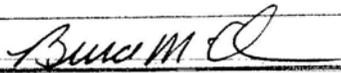




DAILY TEAM LEADER JOURNAL

TEAM# 1

**CROFT 1 0740-1200**

DATE: 26 JAN 06				PROJECT: CROFT 06				
SUXOS: DOUG MCCUE				SSO: <sup>GLEN</sup> FARMER		QCS: <sup>GLEN</sup> FARMER		
TOTAL GRIDS CLEARED:				TOTAL EXCAVATIONS: 75				
TOTAL <del>OXO</del> : <sup>MD</sup> 1 <sup>MKZ</sup> <sup>PRAC</sup>				TOTAL SCRAP: 15 16				
MAG TYPE: SCHONSTADT				MAG SETTING: 4				
CLIENT:				CONTRACT: DACA87-00-D-0034-0014				
FIELD OPERATION TIME:				GOV'T. DELAY TIME:				
WEATHER:				TEMP:				
GRIDS CLEARED	TOTAL OE SCRAP	TOTAL LIVE OE	BIP Y/N	SMALL ARMS	TOTAL DIGS	NON-OE SCRAP	HAZ MAT LOCATED	B/H REQ
NZ1	0	0	NA	0	48	10	N	N
NZ2	1 <sup>MKZ</sup> <sup>PRAC</sup>	0	NA	0	8	2	N	N
520	0	0	NA	0	3	.5	N	N
519	0	0	NA	0	5	.5	N	N
P21	0	0	NA	0	1	.5	N	N
R20	0	0	NA	0	5	1	N	N
R19	0	0	NA	0	5	.5	N	N
COMMENTS:								
TEAM LEADERS SIGNATURE: 								







### GRID LOCATION FORM

35P2

TEAM 1										DATE 26 JAN										
GRID R20										SITE CROFT 06										
100																				
95																				
90																				
85																				
80																				
75																				
70																				
65																				
60																				
55																				
50																				
45																				
40																				
35																				
30																				
25																				
20																				
15																				
10																				
5																				
SW	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100

Note: Record any additional information on the back of the sheet.

□ = QC SEED

○ = CD

△ = MD SCRAP

⊗ = UXO

DAILY TEAM LEADER JOURNAL

TEAM# 1A

McCLAIN ALL CROFT 1

DATE: <u>25 JAN 06</u>				PROJECT: <u>CROFT 06</u>				
SUXOS: <u>DOUG MCCUE</u>				SSO: <u>GLEN FARMER</u>		QCS: <u>GLEN FARMER</u>		
TOTAL GRIDS CLEARED:				TOTAL EXCAVATIONS: <u>41</u>				
TOTAL <del>UXO</del> <sup>MD</sup> : <u>1 MK2 PRAC</u>				TOTAL SCRAP: <u>10.5 lbs</u>				
MAG TYPE: <u>FISHER SCHONSTADT</u>				MAG SETTING: <u>4</u>				
CLIENT:				CONTRACT: <u>DACA87-00-D-0034-0014</u>				
FIELD OPERATION TIME:				GOV'T. DELAY TIME:				
WEATHER:				TEMP:				
GRIDS CLEARED	TOTAL OE SCRAP	TOTAL LIVE OE	BIP Y/N	SMALL ARMS	TOTAL DIGS	NON-OE SCRAP	HAZ MAT LOCATED	B/H REQ
<u>S19</u>	<u>0</u>	<u>0</u>	<u>NA</u>	<u>0</u>	<u>27</u>	<u>4 lbs</u>	<u>N</u>	<u>N</u>
<u>L22</u>	<u>1 MK2 PRAC</u>	<u>0</u>	<u>NA</u>	<u>0</u>	<u>6</u>	<u>2.5</u>	<u>N</u>	<u>N</u>
<u>L23</u>	<u>0</u>	<u>0</u>	<u>NA</u>	<u>0</u>	<u>1</u>	<u>.5</u>	<u>N</u>	<u>N</u>
<u>K22</u>	<u>0</u>	<u>0</u>	<u>NA</u>	<u>0</u>	<u>4</u>	<u>1</u>	<u>N</u>	<u>N</u>
<u>M22</u>	<u>0</u>	<u>0</u>	<u>NA</u>	<u>0</u>	<u>3</u>	<u>2.5</u>	<u>N</u>	<u>N</u>
COMMENTS: <u>35P4 1015 TO 1645 4 PERSONNEL</u>								
TEAM LEADERS SIGNATURE: <u>Bruce M. Q.</u>								

DAILY TEAM LEADER JOURNAL

TEAM# 1A

DATE: <u>1-24-06</u>				PROJECT: <u>Former Camp Croft</u>				
SUXOS: <u>McCue</u>				SSO: <u>Farmer</u>		QCS: <u>Farmer</u>		
TOTAL GRIDS CLEARED:				TOTAL EXCAVATIONS:				
TOTAL UXO:				TOTAL SCRAP:				
MAG TYPE:				MAG SETTING:				
CLIENT:				CONTRACT: <u>DACA87-00-D-0034-0014</u>				
FIELD OPERATION TIME:				GOV'T. DELAY TIME:				
WEATHER:				TEMP:				
GRIDS CLEARED	TOTAL OE SCRAP	TOTAL LIVE OE	BIP Y/N	SMALL ARMS	TOTAL DIGS	NON-OE SCRAP	HAZ MAT LOCATED	B/H REQ
<u>N21</u>	<u>0</u>	<u>0</u>	<u>NA</u>	<u>0</u>	<u>2</u>	<u>1</u>	<u>N</u>	<u>N</u>
<u>N22</u>	<u>0</u>	<u>0</u>	<u>NA</u>	<u>0</u>	<u>5</u>	<u>1</u>	<u>N</u>	<u>N</u>
<u>M22</u>	<u>0</u>	<u>0</u>	<u>NA</u>	<u>0</u>	<u>2</u>	<u>.25</u>	<u>N</u>	<u>N</u>
<u>R19</u>	<u>0</u>	<u>0</u>	<u>NA</u>	<u>0</u>	<u>1</u>	<u>.25</u>	<u>N</u>	<u>N</u>
<u>R20</u>	<u>0</u>	<u>0</u>	<u>NA</u>	<u>0</u>	<u>1</u>	<u>.25</u>	<u>N</u>	<u>N</u>
<u>S19</u>	<u>0</u>	<u>0</u>	<u>NA</u>	<u>0</u>	<u>28</u>	<u>5</u>	<u>N</u>	<u>N</u>
<u>S20</u>	<u>0</u>	<u>0</u>	<u>NA</u>	<u>0</u>	<u>5</u>	<u>.5</u>	<u>N</u>	<u>N</u>
<u>P21</u>	<u>0</u>	<u>0</u>	<u>NA</u>	<u>0</u>	<u>5</u>	<u>1.25</u>	<u>N</u>	<u>N</u>
COMMENTS: <u>N23-22 Nails/Steel (3pc) (photo Al pho4g) not in PDA.</u>								
TEAM LEADERS SIGNATURE: <u>Paul Yots</u>								

DAILY TEAM LEADER JOURNAL

TEAM# 1B

DATE: 24 JAN 06				PROJECT: CROFT 06				
SUXOS: DOUG MCCUE				SSO: FARMER		QCS: FARMER		
TOTAL GRIDS CLEARED:				TOTAL EXCAVATIONS: 50				
TOTAL UXO: 5 <sup>2 MK II HE FRAG</sup> 3 MK II PRAC LIVE FUZE				TOTAL SCRAP: 18.5 lbs				
MAG TYPE: FISHER & SCHONSTADT				MAG SETTING: 4				
CLIENT:				CONTRACT: DACA87-00-D-0034-0014				
FIELD OPERATION TIME:				GOV'T. DELAY TIME:				
WEATHER:				TEMP:				
GRIDS CLEARED	TOTAL OE SCRAP	TOTAL LIVE OE	BIP Y/N	SMALL ARMS	TOTAL DIGS	NON-OE SCRAP	HAZ MAT LOCATED	B/H REQ
20M F18	1 MK2 PRAC	0	NA	0	1	0	N	N
I21	0	0	NA	0	2	.5 lbs	N	N
H20	2 MK2 PRAC 1 M10 FUZE	0	NA	0	9	2 lbs	N	N
G20	4 MK2 PRAC	2 MK2 HE 1 MK2 PRAC	NA	0	26	12 lbs	N	N
F20	0	0	NA	0	3	.5 lbs	N	N
F19	1 MK2 PRAC	2 MK2 LIVE PRAC FUZE	NA	0	4	1.5 lbs	N	N
H21	0	0	NA	0	3	1	N	N
MAG FUZE I20	1 M10 FUZE	0	NA	0	1	.5	N	N
COMMENTS: - J21	0	0	NA	0	1	.5	N	N
TEAM LEADERS SIGNATURE:								

**DAILY TEAM LEADER JOURNAL**

TEAM# 1

35 P4 0745 - 1100

DATE: 23 JAN 06				PROJECT:				
SUXOS: DOUG M'CUK				SSO: FARMER		QCS: FARMER		
TOTAL GRIDS CLEARED:				TOTAL EXCAVATIONS: 28				
TOTAL UXO:				TOTAL SCRAP:				
MAG TYPE: SCHOOLSTADT				MAG SETTING: 4				
CLIENT:				CONTRACT: DACA87-00-D-0034-0014				
FIELD OPERATION TIME:				GOV'T. DELAY TIME:				
WEATHER:				TEMP:				
GRIDS CLEARED	TOTAL OE SCRAP	TOTAL LIVE OE	BIP Y/N	SMALL ARMS	TOTAL DIGS	NON-OE SCRAP	HAZ MAT LOCATED	B/H REQ
L22	4	0	NA	0	15	3	N	N
M22	0	0	NA	0	13	2	N	N
COMMENTS:								
TEAM LEADERS SIGNATURE:								

DAILY TEAM LEADER JOURNAL

TEAM# 1

DATE: 23 JAN 06				PROJECT: CROFT 06				
SUXOS: DOUG McCUE				SSO: FARMER		QCS: FARMER		
TOTAL GRIDS CLEARED:				TOTAL EXCAVATIONS: 28				
TOTAL UXO:				TOTAL SCRAP:				
MAG TYPE: SCHONSTADT				MAG SETTING: 4				
CLIENT:				CONTRACT: DACA87-00-D-0034-0014				
FIELD OPERATION TIME:				GOV'T. DELAY TIME:				
WEATHER:				TEMP:				
GRIDS CLEARED	TOTAL OE SCRAP	TOTAL LIVE OE	BIP Y/N	SMALL ARMS	TOTAL DIGS	NON-OE SCRAP	HAZ MAT LOCATED	B/H REQ
N22	0	0	NA	0	11	2	N	N
F21	0	0	NA	0	1	.5	N	N
H22	0	0	NA	0	1	.5	N	N
H21	0	0	NA	0	1	.5	N	N
R20	0	0	NA	0	2	.5	N	N
S20	0	0	NA	0	12	2	N	N
I22 *	0	0	N/A	0	1	0	N	N
COMMENTS: * I22 - one QA dig = Hot Rock   R20_75 / 519-89/519-102								
TEAM LEADERS SIGNATURE:								

DAILY TEAM LEADER JOURNAL

TEAM# 1

DATE: 19 JAN 06				PROJECT: CROFT 06				
SUXOS: DOUG MCCHE				SSO: <sup>GLEN</sup> FARMER		QCS: <sup>GLEN</sup> FARMER		
TOTAL GRIDS CLEARED: 4				TOTAL EXCAVATIONS: 104				
TOTAL UXO: 0				TOTAL SCRAP: 62 lbs				
MAG TYPE: SCHENSTADT				MAG SETTING: 4				
CLIENT:				CONTRACT: DACA87-00-D-0034-0014				
FIELD OPERATION TIME:				GOV'T. DELAY TIME:				
WEATHER:				TEMP:				
GRIDS CLEARED	TOTAL OE SCRAP	TOTAL LIVE OE	BIP Y/N	SMALL ARMS	TOTAL DIGS	NON-OE SCRAP	HAZ MAT LOCATED	B/H REQ
F20	160MM	0	NA	0	5	1	N	N
G21	0	0	NA	0	1	1	N	N
H21	0	0	NA	0	5	1.5	N	N
H22	0	0	NA	0	1	.5	N	N
J22	0	0	NA	0	3	.5	N	N
K22	0	0	NA	0	1	.5	N	N
COM J21	5 MK2 TRNG	0	NA	0	30	10	N	N
COM J20	1 MK2 TRNG	0	NA	0	7	1	N	N
COM I20	1 MK2 TRNG	0	N	0	20	11	N	N
H20	2 MK2 TRNG	0	N	0	34	34	N	N
COM I21	0	0	N	0	3	1	N	N
TEAM LEADERS SIGNATURE:				9 FLAGS IN J21 MAG + FLAG PICKED				

DAILY TEAM LEADER JOURNAL

TEAM# 1

DATE: 18 JAN 06				PROJECT: CROFT 06				
SUXOS: DOUG MCCUE				SSO: FARMER		QCS: FARMER		
TOTAL GRIDS CLEARED: 11				TOTAL EXCAVATIONS: 55				
TOTAL UXO: 1				TOTAL SCRAP: 19 lbs				
MAG TYPE: SCHONSTADT				MAG SETTING: 4				
CLIENT:				CONTRACT: DACA87-00-D-0034-0014				
FIELD OPERATION TIME:				GOV'T. DELAY TIME:				
WEATHER:				TEMP:				
GRIDS CLEARED	TOTAL OE SCRAP	TOTAL LIVE OE	BIP Y/N	SMALL ARMS	TOTAL DIGS	NON-OE SCRAP	HAZ MAT LOCATED	B/H REQ
COM 513	0	0	NA	0	1	.25	N	N
COM 515	0	0	NA	0	1	.25	N	N
COM T16	0	0	NA	0	3	1.50	N	N
COM 518	0	0	NA	1	1	.25	N	N
COM T17	0	0	NA	0	4	.25	N	N
COM 517	0	0	NA	1 <sup>30 CAL</sup>	12	2	N	N
COM R13	0	0	NA	0	2	1.5	N	N
COM R12	0	0	NA	0	2	2.5	N	N
COM COMMENTS: P15	0	0	NA	1 <sup>30 CAL</sup>	3	3	N	N
K22	2 MK2	1 MK2	NA	0	12	4	N	N
COM K23	1 MK2	0	NA	0	2	1.5	N	N
K21	1 MK2	0	NA	0	3	2	N	N
COM L23	0	0	NA	0	4	1	N	N
L22	0	0	NA	0	5	1	N	N

TEAM LEADERS SIGNATURE:

F21\_18

DAILY TEAM LEADER JOURNAL

TEAM# 1

DATE: 17 JAN 06					PROJECT: CROFT 06				
SUXOS: DIET MICHE					SSO: FARMER		QCS: FARMER		
TOTAL GRIDS CLEARED: 6					TOTAL EXCAVATIONS: 98				
TOTAL UXO: 0					TOTAL SCRAP: 31 lbs				
MAG TYPE: SCHONSTADT					MAG SETTING: 4				
CLIENT:					CONTRACT: DACA87-00-D-0034-0014				
FIELD OPERATION TIME:					GOV'T. DELAY TIME:				
WEATHER:					TEMP:				
	GRIDS CLEARED	TOTAL OE SCRAP	TOTAL LIVE OE	BIP Y/N	SMALL ARMS	TOTAL DIGS	NON-OE SCRAP	HAZ MAT LOCATED	B/H REQ
COM	D17 2P	0	0	NA	2 <sup>30CAL</sup>	15	8	N	N
COM	D18 2P	0	0	NA	0	5	1.5	N	N
COM	R20 2P	0	0	NA	0	35	8	N	N
COM	P20	0	0	NA	0	7	1.5	N	N
COM	P21	0	0	NA	0	15	1	N	N
COM	R21 ↓	0	0	NA	0	19	6	N	N
QA	E21	0	0	NA	0	1	.25	N	N
QA	I22	0	0	NA	0	1	4	N	N
COMMENTS:									
<p>C18 QA # DIG 24"</p> <p>E21 QA # NEEDS PLACED</p> <p>I22 QA</p>									
TEAM LEADERS SIGNATURE:									

DAILY TEAM LEADER JOURNAL

TEAM# 1

DIG / REACQ SHEET

DATE: 16 JAN 06				PROJECT: CROFT 06				
SUXOS: DOUG MCCUE				SSO: FARMER		QCS: FARMER		
TOTAL GRIDS CLEARED:				TOTAL EXCAVATIONS:				
TOTAL UXO:				TOTAL SCRAP:				
MAG TYPE: SCHONSTADT				MAG SETTING: 4				
CLIENT:				CONTRACT: DACA87-00-D-0034-0014				
FIELD OPERATION TIME:				GOV'T. DELAY TIME:				
WEATHER:				TEMP:				
GRIDS CLEARED	TOTAL OE SCRAP	TOTAL LIVE OE	BIP Y/N	SMALL ARMS	TOTAL DIGS	NON-OE SCRAP	HAZ MAT LOCATED	B/H REQ
COM C 19 2 <sup>nd</sup> P	1 MKZ	0	NA	0	13	316s	N	N
COM B 19 2 <sup>nd</sup> P	1 M10 SPAN	0	NA	0	8	216s	N	N
COM D 19 2 <sup>nd</sup> P	0	0	NA	0	1	.25	N	N
COM G 21 3 <sup>rd</sup> P	1 MKZ	0	NA	0	12	12	N	N
COM H 21 3 <sup>rd</sup> P	0	0	NA	0	6	15	N	N
I 21	0	0	NA	0	2	.5	N	N
COM J 22 3 <sup>rd</sup> P	0	0	NA	0	3	.5	N	N
J 21 3 <sup>rd</sup> P	0	0	NA	0	6	2	N	N
COMMENTS:								
QA REACQ COMPLETE FOR C18/D17/E21/F19/G20/H21/H22/I21/I22/J20/J21/J22/P21								
COULD NOT DO R20/R21 = 3 REACQ								
TEAM LEADERS SIGNATURE:								

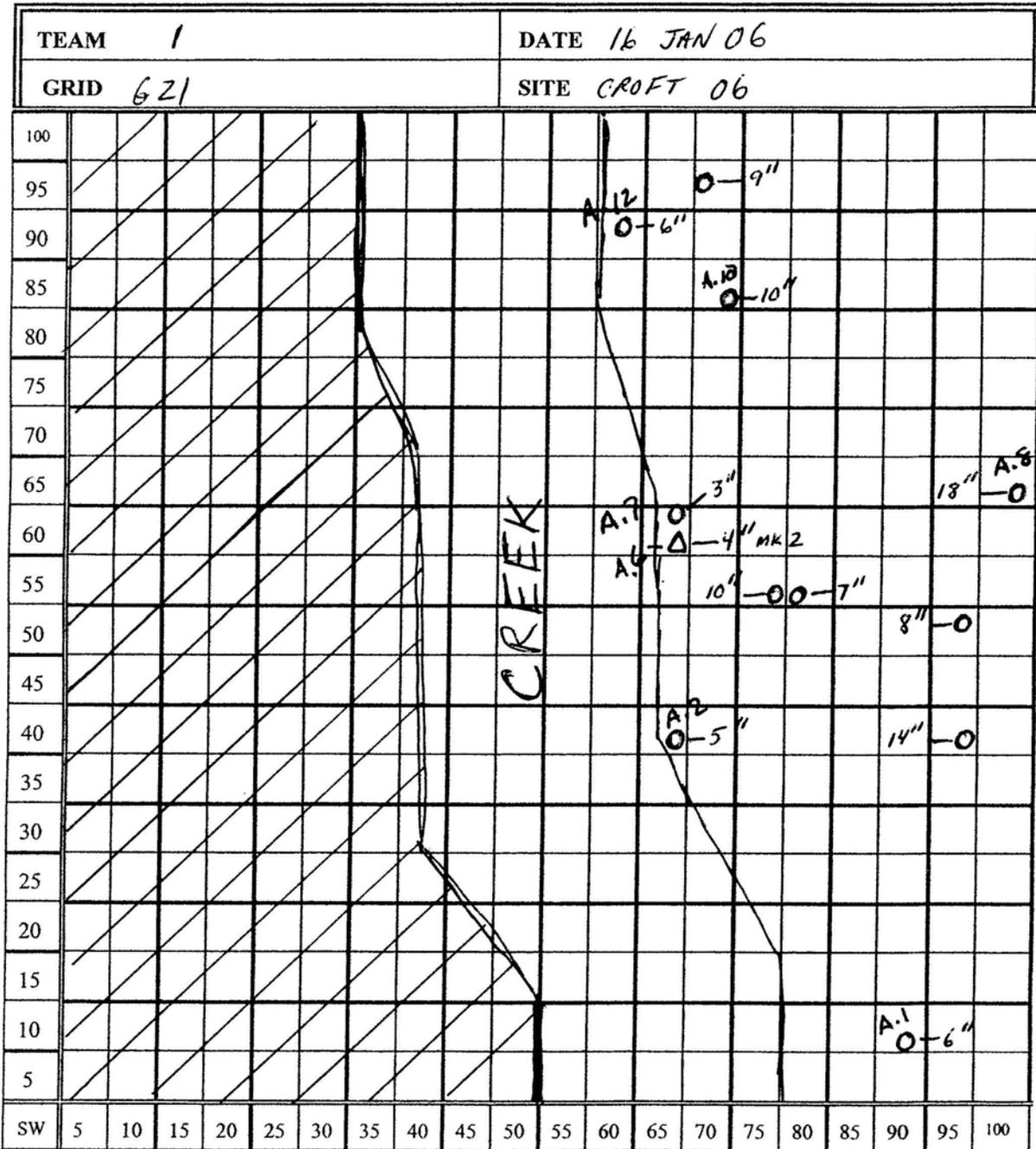
DAILY TEAM LEADER JOURNAL

TEAM# 1

MAG + FLAG OP

DATE: 16 JAN 06				PROJECT: CROFT 06				
SUXOS: DOUG MCCUE				SSO: GLEN FARMER		QCS: GLEN FARMER		
TOTAL GRIDS CLEARED:				TOTAL EXCAVATIONS:				
TOTAL UXO:				TOTAL SCRAP:				
MAG TYPE: SCHUNSTADT				MAG SETTING: 4				
CLIENT:				CONTRACT: DACA87-00-D-0034-0014				
FIELD OPERATION TIME:				GOV'T. DELAY TIME:				
WEATHER:				TEMP:				
MAG + FLAG GRIDS CLEARED	HITS TOTAL OE SCRAP	TOTAL LIVE OE	BIP Y/N	SMALL ARMS	TOTAL DIGS	NON-OE SCRAP	HAZ MAT LOCATED	B/H REQ
J21	7							
J22	3							
I21	11							
J20	REASON FOR DATA GAP PROPERTY BOUNDARY ??							
H21	5							
I20	3							
G21	22							
F21	1							
COMMENTS:								
G20	22							
F20	1							
G19	21							
F19	6							
C20	AREA ON VERY UNSTABLE GROUND (CLIFF) COULDN'T DO							
D19	7							
TEAM LEADERS SIGNATURE:								

### GRID LOCATION FORM

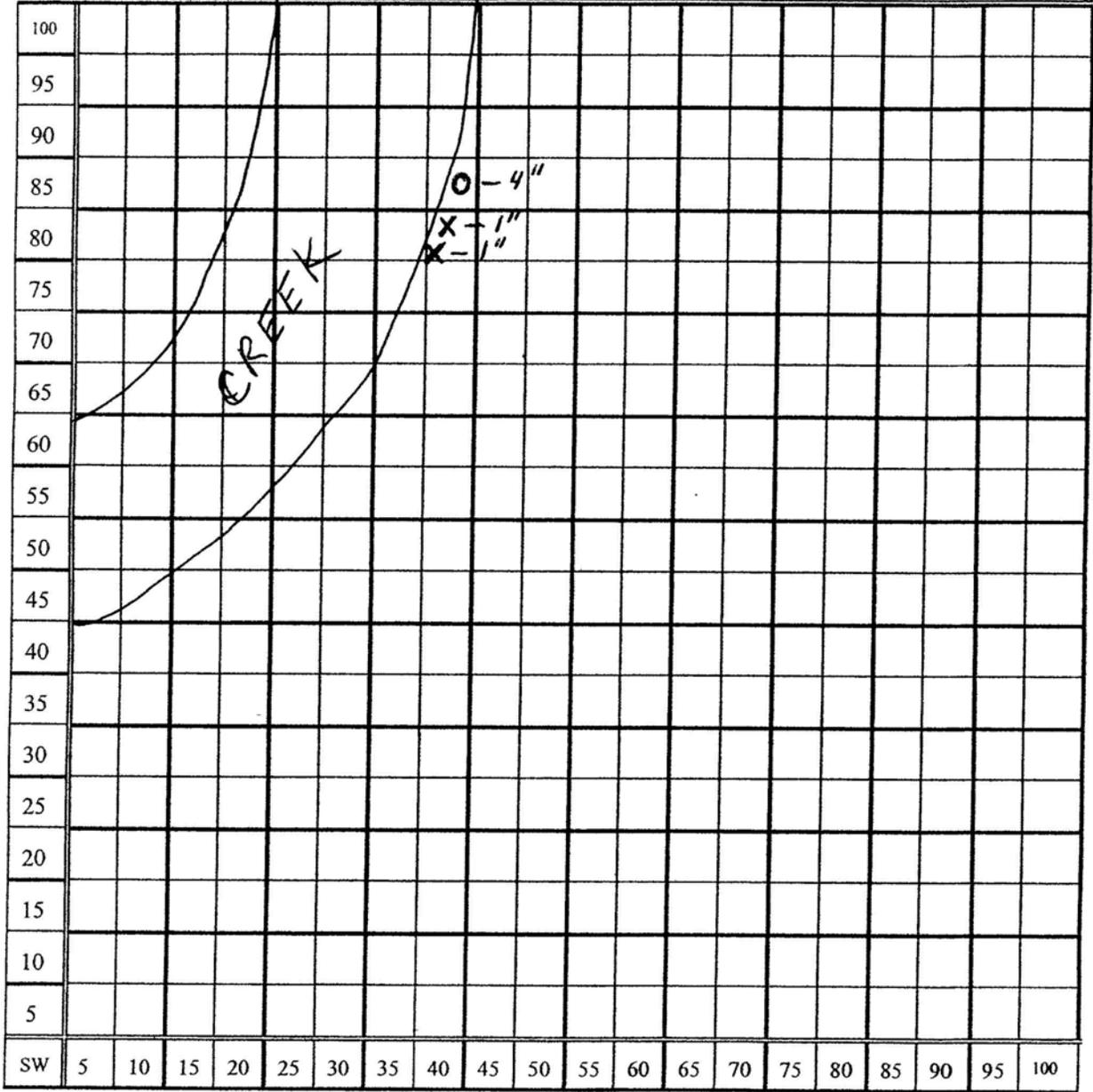


Note: Record any additional information on the back of the sheet.

- O = NON-MD/OE SCRAP      X = HOT ROCK
- Δ = MD/OE SCRAP      □ = UXO

### GRID LOCATION FORM

TEAM /	DATE 16 JAN 06
GRID J22	SITE CROFT 06



Note: Record any additional information on the back of the sheet.

- O = NON-MD/OE SCRAP
- X = HOT ROCK
- Δ = MD/OE SCRAP
- = UKO



### GRID LOCATION FORM

TEAM 1	DATE 16 JAN 09
GRID B19	SITE CROFT 06

The grid shows a diagonal line from the top-left corner (0,100) to the point (60,40). Hand-drawn symbols are as follows:

- Circle with diameter 5" at approximately (35, 70)
- Circle with diameter 1" at approximately (55, 55)
- Circle with diameter 2" at approximately (65, 55)
- Circle with diameter 4" at approximately (65, 60)
- Circle with diameter 3" at approximately (68, 60)
- Circle with diameter 1" at approximately (70, 75)
- Circle with diameter 2" at approximately (75, 75)
- 'X' symbol at approximately (75, 75)
- Triangle symbol at approximately (65, 55)
- Square symbol at approximately (70, 55)
- Text "NO SPDM" near the triangle symbol.

Note: Record any additional information on the back of the sheet.

○ = NON MD/OE SCRAP

X = HOT ROCK

△ = MD/OE SCRAP

□ = UXO

### GRID LOCATION FORM

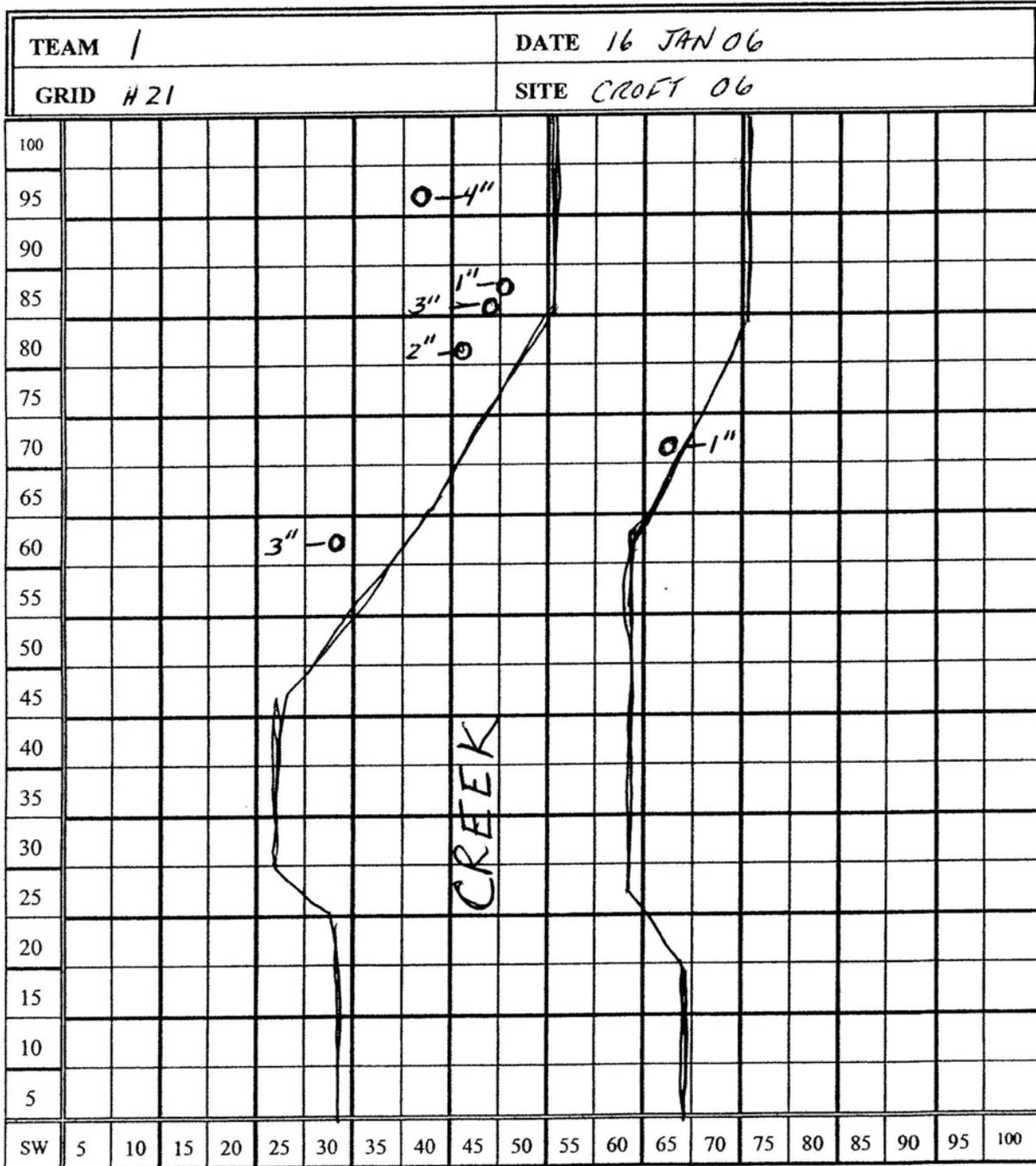
TEAM <b>1</b>	DATE <b>16 JAN 06</b>
GRID <b>D-19</b>	SITE <b>CROFT 06</b>

100																				
95																				
90																				
85																				
80																				
75																				
70																				
65																				
60																				
55																				
50																				
45																				
40																				
35																				
30																				
25																				
20																				
15																				
10																				
5																				
SW	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100

**Note: Record any additional information on the back of the sheet.**  
 ○ = NON MD/OE SCRAP      X = HOTROCK  
 △ = MD/OE SCRAP      □ = UXO

### GRID LOCATION FORM



Note: Record any additional information on the back of the sheet.

○ = NON MD/OE SCRAP

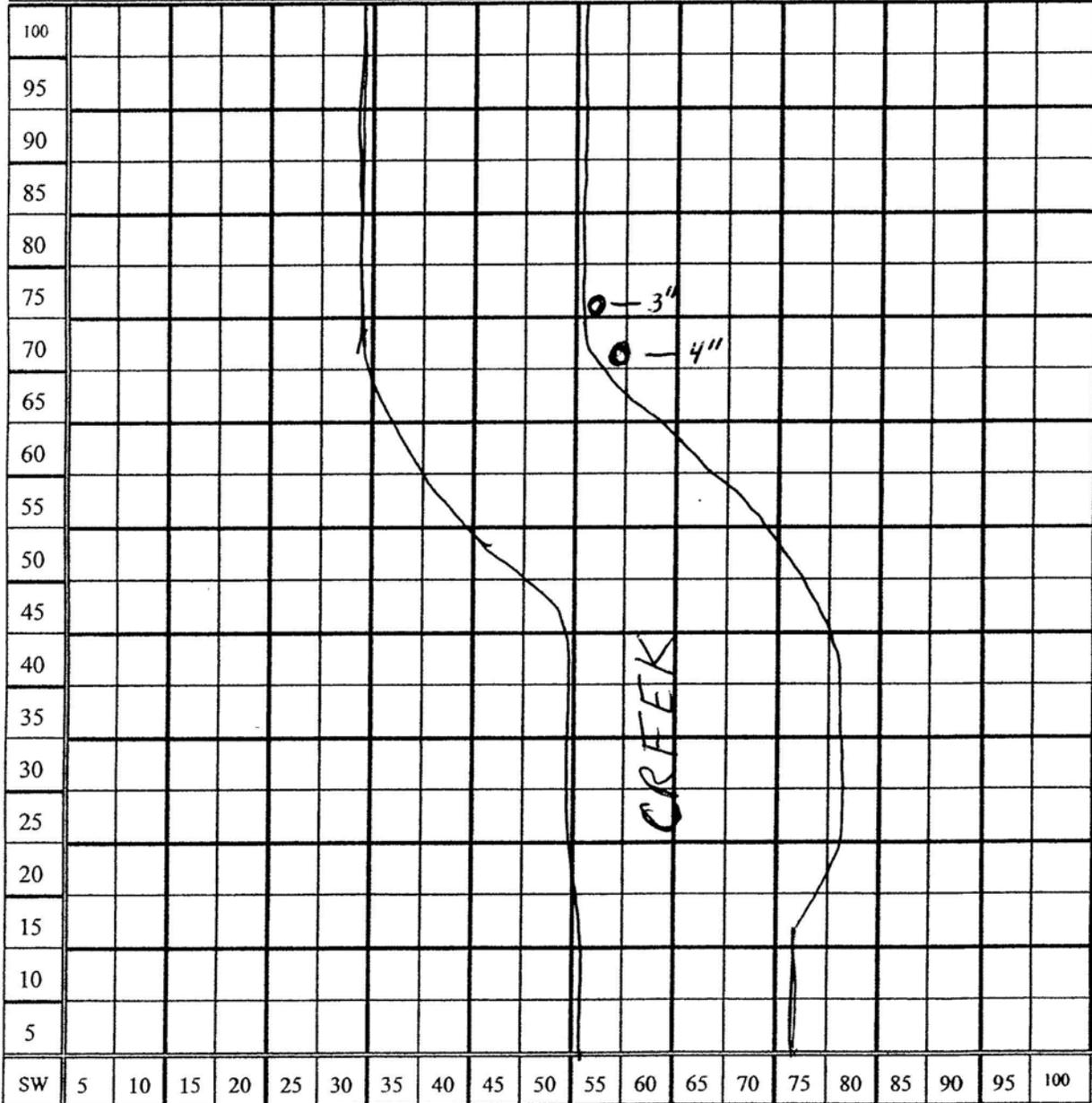
X = HOTROCK

△ = MD/OE SCRAP

□ = UXO

### GRID LOCATION FORM

TEAM /	DATE 16 JAN 06
GRID I 21	SITE CROFT 06



Note: Record any additional information on the back of the sheet.

○ NON - MD / OE SCRAP      X = HOT ROCK

~~△ = MD / OE SCRAP~~      □ = UXO

### GRID LOCATION FORM

TEAM 1										DATE 24 JUN 06										
GRID I 20										SITE CROFT 06										
100																				
95																				
90																				
85																				
80																				$\Delta =$ M/D FLZE
75																				12" DEEP
70																				
65																				
60																				
55																				
50																				
45																				
40																				
35																				
30																				
25																				
20																				
15																				
10																				
5																				
SW	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100

Note: Record any additional information on the back of the sheet.

$\Delta =$  MD I20\_A.1

31P  
 E20 No Gaps  
 E21 No Gaps

F19  
 #1 1 Flag  
 3 1 Flag

F20  
 #1 1 Flag

F21  
 No Gaps

G19  
 0 Flags

G20  
 #5 1 Flag  
 10 1 Flag

G21  
 No Gaps

H20  
 #1 2 Flags  
 2 1 Flag  
 5 2 Flags  
 12 1  
 13 1  
 14 4  
 15 1  
 16 2

H21  
 #6 1 Flag  
 7 3

H22  
 No Gaps

I20  
 #1 3 Flags  
 2 1  
 5 1  
 6 1  
 8 1

I21  
 #3 3 Flags  
 5 1 Flag

J20  
 #2 1 Flag  
 5 1

J21  
 #1 1 Flag  
 2 3 Flags  
 3 3

DAILY TEAM LEADER JOURNAL

TEAM# 1

DATE: 12 JAN 06				PROJECT: CROFT 06					
SUXOS: DOUG MCCUE				SSO: FARMER		QCS: FARMER			
TOTAL GRIDS CLEARED: 7				TOTAL EXCAVATIONS: 82					
TOTAL UXO: 2				TOTAL SCRAP: <sup>OE</sup> 19					
MAG TYPE: SCITON STADT				MAG SETTING: 4					
CLIENT:				CONTRACT: DACA87-00-D-0034-0014					
FIELD OPERATION TIME:				GOV'T. DELAY TIME:					
WEATHER:				TEMP:					
	GRIDS CLEARED	TOTAL OE SCRAP	TOTAL LIVE OE	BIP Y/N	SMALL ARMS	TOTAL DIGS	NON-OE SCRAP	HAZ MAT LOCATED	B/H REQ
COM	H22 3 <sup>rd</sup>	1 MK2	0	NA	0	11	4	NO	NO
	H21 3 <sup>rd</sup>	8 MK2	0	NA	0	14	5	NO	NO
COM	I22 3 <sup>rd</sup>	1 MK2	0	NA	0	5	1	NO	NO
	J21 3 <sup>rd</sup>	2 MK2	0	NO	0	14	3	NO	NO
COM	J22 3 <sup>rd</sup>	4 MK2	1 MK2	NA	0	12	1	NO	NO
COM	G21 3 <sup>rd</sup>	2 MK2	0	NA	0	9	2	NO	NO
<del>COM</del>	D17	0	0	NA	0	1	0	NO	NO
	D18	0	0	NA	0	7	23	NO	NO
	COMMENTS: G20	0	1 MK2 FUZE	NA	0	6	2	NO	NO
COM	C17 2 <sup>nd</sup>	1 MK2	0	NA	0	2	1	NO	NO
COM	C18	0	0	NA	0	1	0	NO	NO
TEAM LEADERS SIGNATURE: <i>B. McCue</i>									

DAILY TEAM LEADER JOURNAL

TEAM# 1

DATE: 11 JAN 06				PROJECT: CROFT 06				
SUXOS: DOUG MCCUE				SSO: FARMER		GLEN QCS: FARMER		
TOTAL GRIDS CLEARED:				TOTAL EXCAVATIONS:				
TOTAL UXO: 0				TOTAL SCRAP:				
MAG TYPE: SCHONSTADT				MAG SETTING: 4				
CLIENT:				CONTRACT: DACA87-00-D-0034-0014				
FIELD OPERATION TIME:				GOV'T. DELAY TIME:				
WEATHER:				TEMP:				
GRIDS CLEARED	TOTAL OE SCRAP	TOTAL LIVE OE	BIP Y/N	SMALL ARMS	TOTAL DIGS	NON-OE SCRAP	HAZ MAT LOCATED	B/H REQ
F 21	0	0	NA	0	10	4	NO	NO
K 21	0	0	NA	0	1	.25	NO	NO
G 19	0	0	NA	0	7	2	NO	NO
J 21	0	0	NA	0	2	.50	NO	NO
F 19	0	0	NA	0	16	10	NO	NO
G 20 3 <sup>1</sup> P	1 MK 2	0	NA	0	14	7	NO	NO
H 21 3 <sup>2</sup> P	1 MK 2	0	NA	0	15	7	NO	NO
H 22	0	0	NA	0	1	.25	NO	NO
COMMENTS: 2 GRENADE FUZES 7.5 MK 2 GRENADES								
J 20 3 <sup>3</sup> P	1 MK 2 1 FUZE	0	NA	0	9	3	NO	NO
I 21 3 <sup>2</sup> P	1 FUZE 5 MK 2	0	NA	0	23	12	NO	NO
I 20 3 <sup>2</sup> P	2 MK 2	0	NA	0	2	0	NO	NO
TEAM LEADERS SIGNATURE:								

DAILY TEAM LEADER JOURNAL

TEAM# 1

DATE: 10 JAN 06				PROJECT: CROFT 06				
SUXOS: DOUG MCCUE				SSO: FARMER		QCS: FARMER		
TOTAL GRIDS CLEARED: 3				TOTAL EXCAVATIONS: 63				
TOTAL UXO: 0				TOTAL SCRAP:				
MAG TYPE: JCHONSADT				MAG SETTING: 4				
CLIENT: _____				CONTRACT: DACA87-00-D-0034-0014				
FIELD OPERATION TIME: _____				GOV'T. DELAY TIME: _____				
WEATHER: _____				TEMP: _____				
GRIDS CLEARED	TOTAL OE SCRAP	TOTAL LIVE OE	BIP Y/N	SMALL ARMS	TOTAL DIGS	NON-OE SCRAP	HAZ MAT LOCATED	B/H REQ
3	13lbs	0	NA	0	63	70lbs	NO	NO
E-20/E-21								
K-20/								
COMMENTS:  K21, J20, F21, F20, G20 partially complete  OE located in: 38P K21 - 2ea mk11 prac Grenade 33P J20 - 4ea                   " 31P E21 - 3ea                   "								
TEAM LEADERS SIGNATURE:								

DAILY TEAM LEADER JOURNAL

TEAM# 1

DATE: 9 JAN 06				PROJECT: CROFT 06				
SUXOS: DOUG MCCUE				SSO: GLEN FARMER		QCS: GLEN FARMER		
TOTAL GRIDS <sup>REACQ</sup> <del>CLEARED</del> : 13				TOTAL EXCAVATIONS:				
TOTAL UXO: 0				TOTAL SCRAP:				
MAG TYPE: SCHONSADT				MAG SETTING: 4				
CLIENT:				CONTRACT: DACA87-00-D-0034-0014				
FIELD OPERATION TIME: 0				GOV'T. DELAY TIME: 0				
WEATHER:				TEMP:				
<sup>REACQ</sup> GRIDS <del>CLEARED</del>	TOTAL OE SCRAP	TOTAL LIVE OE	BIP Y/N	SMALL ARMS	TOTAL DIGS	NON-OE SCRAP	HAZ MAT LOCATED	B/H REQ
13								
COMMENTS: GRIDS – J22/I22/H22/G22/F21/F20/F19/F18/ C18/D18/C17/D17								
TEAM LEADERS SIGNATURE:								





**APPENDIX H  
SAFETY DOCUMENTATION**

**SAFETY INSPECTION LOGS**

Zapata Engineering

Safety Inspection Log

Date: 1/30/06 Time: 1500 Contract Number: **DACA87-00-D-0034**  
 Delivery Order: **0014** Location: **Camp Coft, Spartanburg, South Carolina**  
 Weather Conditions: PT. CLOUDY 62° WIND S @ 5-10 MPH  
 Type of Inspection: Daily:  Weekly  Special:  Reinspection   
 Location inspected: S  
 Activity inspected: SITE RESTORATION

II. Inspection Requirement	Satisfactory	Unsatisfactory	N/A
Surface Sweep			
Subsurface Sweep			<input checked="" type="checkbox"/>
Excavation Technique			<input checked="" type="checkbox"/>
Personal Protection Equipment	<input checked="" type="checkbox"/>		
Work Practices	<input checked="" type="checkbox"/>		
Site Control	<input checked="" type="checkbox"/>		
First Aid Equipment	<input checked="" type="checkbox"/>		
Fire Fighting Equipment			<input checked="" type="checkbox"/>
Explosive Transportation			<input checked="" type="checkbox"/>
Explosive Storage			<input checked="" type="checkbox"/>
Disposal Operations			<input checked="" type="checkbox"/>
Overall Inspection Results	<input checked="" type="checkbox"/>		

111. Comments:  
 ❖ Worked stopped due to safety violations: Yes \_\_\_\_\_ No   
 ❖ Personnel Involved: \_\_\_\_\_  
 ❖ Corrective Measures: \_\_\_\_\_  
 ❖ Reinspection required : Yes \_\_\_\_\_ No \_\_\_\_\_

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

[Signature] Site Safety Officer  
 \_\_\_\_\_ Sr. UXO Supervisor/Project Manager

Zapata Engineering

Safety Inspection Log

Date: 1/27/06 Time: 0815 Contract Number: DACA87-00-D-0034

Delivery Order: 0014 Location: Camp Croft, Spartanburg, South Carolina

Weather Conditions: CLEAR 34° WIND 0-5 MPH

Type of Inspection: Daily:  Weekly:  Special:  Reinspection:

Location inspected: 32P

Activity inspected: ANOMALY REQUISITION

II. Inspection Requirement	Satisfactory	Unsatisfactory	N/A
Surface Sweep			<input checked="" type="checkbox"/>
Subsurface Sweep			<input checked="" type="checkbox"/>
Excavation Technique			<input checked="" type="checkbox"/>
Personal Protection Equipment	<input checked="" type="checkbox"/>		
Work Practices	<input checked="" type="checkbox"/>		
Site Control	<input checked="" type="checkbox"/>		
First Aid Equipment	<input checked="" type="checkbox"/>		
Fire Fighting Equipment	<input checked="" type="checkbox"/>		
Explosive Transportation			<input checked="" type="checkbox"/>
Explosive Storage			<input checked="" type="checkbox"/>
Disposal Operations			<input checked="" type="checkbox"/>
Overall Inspection Results	<input checked="" type="checkbox"/>		

111. Comments:

❖ Worked stopped due to safety violations: Yes \_\_\_\_\_ No

❖ Personnel Involved: \_\_\_\_\_

❖ Corrective Measures: \_\_\_\_\_

❖ Reinspection required : Yes \_\_\_\_\_ No \_\_\_\_\_

IV. Signatures: I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (If required)

[Signature]  
 Site Safety Officer

\_\_\_\_\_  
 Sr. UXO Supervisor/Project Manager

Zapata Engineering

Safety Inspection Log

Date: 11/26/06 Time: 1330 Contract Number: **DACA87-00-D-0034**

Delivery Order: **0014** Location: **Camp Croft, Spartanburg, South Carolina**

Weather Conditions: CLEAR 55° WIND 5-10 MPH

Type of Inspection: Daily:  Weekly:  Special:  Reinspection:

Location inspected: 35P2

Activity inspected: INTRUSIVE OPS

II. Inspection Requirement	Satisfactory	Unsatisfactory	N/A
Surface Sweep			<input checked="" type="checkbox"/>
Subsurface Sweep	<input checked="" type="checkbox"/>		
Excavation Technique	<input checked="" type="checkbox"/>		
Personal Protection Equipment	<input checked="" type="checkbox"/>		
Work Practices	<input checked="" type="checkbox"/>		
Site Control	<input checked="" type="checkbox"/>		
First Aid Equipment	<input checked="" type="checkbox"/>		
Fire Fighting Equipment	<input checked="" type="checkbox"/>		
Explosive Transportation			<input checked="" type="checkbox"/>
Explosive Storage			<input checked="" type="checkbox"/>
Disposal Operations			<input checked="" type="checkbox"/>
Overall Inspection Results	<input checked="" type="checkbox"/>		

111. Comments:

❖ Worked stopped due to safety violations: Yes \_\_\_\_\_ No

❖ Personnel Involved: \_\_\_\_\_

❖ Corrective Measures: \_\_\_\_\_

❖ Reinspection required : Yes \_\_\_\_\_ No \_\_\_\_\_

IV. Signatures: I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (If required)

[Signature]  
 Site Safety Officer

\_\_\_\_\_  
 Sr. UXO Supervisor/Project Manager

Zapata Engineering

Safety Inspection Log

Date: 1/25/06 Time: 1430 Contract Number: DACA87-00-D-0034

Delivery Order: 0014 Location: Camp Croft, Spartanburg, South Carolina

Weather Conditions: CLEAR 56° Wind SW @ 10-15 mph

Type of Inspection: Daily:  Weekly:  Special:  Reinspection:

Location inspected: 35P3

Activity inspected: INTRUSIVE OPS

II. Inspection Requirement	Satisfactory	Unsatisfactory	N/A
Surface Sweep			<input checked="" type="checkbox"/>
Subsurface Sweep	<input checked="" type="checkbox"/>		
Excavation Technique	<input checked="" type="checkbox"/>		
Personal Protection Equipment	<input checked="" type="checkbox"/>		
Work Practices	<input checked="" type="checkbox"/>		
Site Control	<input checked="" type="checkbox"/>		
First Aid Equipment	<input checked="" type="checkbox"/>		
Fire Fighting Equipment	<input checked="" type="checkbox"/>		
Explosive Transportation			<input checked="" type="checkbox"/>
Explosive Storage			<input checked="" type="checkbox"/>
Disposal Operations			<input checked="" type="checkbox"/>
Overall Inspection Results	<input checked="" type="checkbox"/>		

111. Comments:

❖ Worked stopped due to safety violations: Yes  No

❖ Personnel Involved: \_\_\_\_\_

❖ Corrective Measures: \_\_\_\_\_

❖ Reinspection required : Yes  No

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

[Signature]  
 Site Safety Officer

\_\_\_\_\_  
 Sr. UXO Supervisor/Project Manager

Zapata Engineering

Safety Inspection Log

Date: 1/24/06 Time: 1130 Contract Number: **DACA87-00-D-0034**

Delivery Order: **0014** Location: **Camp Croft, Spartanburg, South Carolina**

Weather Conditions: CLEAR, 60° WIND 0-5 MPH

Type of Inspection: Daily:  Weekly:  Special:  Reinspection:

Location inspected: 31P

Activity inspected: QC ANOMALY RE-VISIT

II. Inspection Requirement	Satisfactory	Unsatisfactory	N/A
Surface Sweep	✓		
Subsurface Sweep		✓	
Excavation Technique	✓		
Personal Protection Equipment	✓		
Work Practices	✓		
Site Control	✓		
First Aid Equipment	✓		
Fire Fighting Equipment	✓		
Explosive Transportation			✓
Explosive Storage			✓
Disposal Operations			✓
Overall Inspection Results	✓		

111. Comments: 2 MKII TRAINING GRENADES FOUND IN HOLE FOLLOWING QC CHECK

❖ Worked stopped due to safety violations: Yes  No

❖ Personnel Involved: TEAM 1

❖ Corrective Measures: COUNSELLED TEAM ON IMPORTANCE OF CLEARING HOLES

❖ Reinspection required: Yes  No

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

\_\_\_\_\_  
 Site Safety Officer

\_\_\_\_\_  
 Sr. UXO Supervisor/Project Manager

Zapata Engineering

Safety Inspection Log

Date: 1/23/06 Time: 1430 Contract Number: **DACA87-00-D-0034**

Delivery Order: **0014** Location: **Camp Croft, Spartanburg, South Carolina**

Weather Conditions: RAIN, 48°

Type of Inspection: Daily:  Weekly:  Special:  Reinspection:

Location inspected: GAS I-22

Activity inspected: INTRUSIVE OPERATIONS

II. Inspection Requirement	Satisfactory	Unsatisfactory	N/A
Surface Sweep			<input checked="" type="checkbox"/>
Subsurface Sweep			<input checked="" type="checkbox"/>
Excavation Technique	<input checked="" type="checkbox"/>		
Personal Protection Equipment	<input checked="" type="checkbox"/>		
Work Practices	<input checked="" type="checkbox"/>		
Site Control	<input checked="" type="checkbox"/>		
First Aid Equipment	<input checked="" type="checkbox"/>		
Fire Fighting Equipment	<input checked="" type="checkbox"/>		
Explosive Transportation			<input checked="" type="checkbox"/>
Explosive Storage			<input checked="" type="checkbox"/>
Disposal Operations			<input checked="" type="checkbox"/>
Overall Inspection Results	<input checked="" type="checkbox"/>		

111. Comments:

❖ Worked stopped due to safety violations: Yes  No

❖ Personnel Involved: \_\_\_\_\_

❖ Corrective Measures: \_\_\_\_\_

❖ Reinspection required : Yes  No

IV. Signatures: I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (If required)

[Signature]  
 Site Safety Officer

\_\_\_\_\_  
 Sr. UXO Supervisor/Project Manager

Zapata Engineering

Safety Inspection Log

Date: 1/19/06 Time: 1400 Contract Number: **DACA87-00-D-0034**

Delivery Order: **0014** Location: **Camp Croft, Spartanburg, South Carolina**

Weather Conditions: CLEAR, 60°

Type of Inspection: Daily:  Weekly:  Special:  Reinspection:

Location inspected: 32P

Activity inspected: INTRUSIVE OPS

II. Inspection Requirement	Satisfactory	Unsatisfactory	N/A
Surface Sweep			✓
Subsurface Sweep	✓		
Excavation Technique	✓		
Personal Protection Equipment	✓		
Work Practices	✓		
Site Control	✓		
First Aid Equipment	✓		
Fire Fighting Equipment	✓		
Explosive Transportation			✓
Explosive Storage			✓
Disposal Operations			✓
Overall Inspection Results	✓		

111. Comments:

- ❖ Worked stopped due to safety violations: Yes \_\_\_\_\_ No
- ❖ Personnel Involved: \_\_\_\_\_
- ❖ Corrective Measures: \_\_\_\_\_
- ❖ Reinspection required : Yes \_\_\_\_\_ No \_\_\_\_\_

IV. Signatures: I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (If required)

  
 Site Safety Officer

\_\_\_\_\_  
 Sr. UXO Supervisor/Project Manager

Zapata Engineering

Safety Inspection Log

Date: 1/18/06 Time: 1130 Contract Number: **DACA87-00-D-0034**

Delivery Order: **0014** Location: **Camp Coft, Spartanburg, South Carolina**

Weather Conditions: CLEAR, 50°

Type of Inspection: Daily:  Weekly:  Special:  Reinspection:

Location inspected: 32P

Activity inspected: INTRUSIVE OPS

II. Inspection Requirement	Satisfactory	Unsatisfactory	N/A
Surface Sweep			<input checked="" type="checkbox"/>
Subsurface Sweep	<input checked="" type="checkbox"/>		
Excavation Technique	<input checked="" type="checkbox"/>		
Personal Protection Equipment	<input checked="" type="checkbox"/>		
Work Practices	<input checked="" type="checkbox"/>		
Site Control	<input checked="" type="checkbox"/>		
First Aid Equipment	<input checked="" type="checkbox"/>		
Fire Fighting Equipment	<input checked="" type="checkbox"/>		
Explosive Transportation			<input checked="" type="checkbox"/>
Explosive Storage			<input checked="" type="checkbox"/>
Disposal Operations			<input checked="" type="checkbox"/>
Overall Inspection Results	<input checked="" type="checkbox"/>		

111. Comments:

❖ Worked stopped due to safety violations: Yes  No

❖ Personnel Involved: \_\_\_\_\_

❖ Corrective Measures: \_\_\_\_\_

❖ Reinspection required : Yes  No

IV. Signatures: I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (If required)

[Signature]  
 Site Safety Officer

\_\_\_\_\_  
 Sr. UXO Supervisor/Project Manager

Zapata Engineering

Safety Inspection Log

Date: 11/17/06 Time: 1330 Contract Number: **DACA87-00-D-0034**

Delivery Order: **0014** Location: **Camp Croft, Spartanburg, South Carolina**

Weather Conditions: CLOUDY 60° WINDS @ 10 MPH

Type of Inspection: Daily:  Weekly  Special:  Reinspection

Location inspected: GRAV R20

Activity inspected: INTRUSIVE OPS

II. Inspection Requirement	Satisfactory	Unsatisfactory	N/A
Surface Sweep			
Subsurface Sweep	✓		✓
Excavation Technique	✓		
Personal Protection Equipment	✓		
Work Practices	✓		
Site Control	✓		
First Aid Equipment	✓		
Fire Fighting Equipment	✓		
Explosive Transportation			✓
Explosive Storage			✓
Disposal Operations			✓
Overall Inspection Results	✓		

111. Comments:

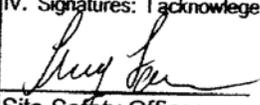
❖ Worked stopped due to safety violations: Yes \_\_\_\_\_ No

❖ Personnel Involved: \_\_\_\_\_

❖ Corrective Measures: \_\_\_\_\_

❖ Reinspection required : Yes \_\_\_\_\_ No \_\_\_\_\_

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

  
 Site Safety Officer

\_\_\_\_\_  
 Sr. UXO Supervisor/Project Manager

Zapata Engineering

Safety Inspection Log

Date: 1/16/06 Time: 1615 Contract Number: **DACA87-00-D-0034**

Delivery Order: **0014** Location: **Camp Croft, Spartanburg, South Carolina**

Weather Conditions: PT. CLOUDY 58° WIND S @ 5 MPH

Type of Inspection: Daily:  Weekly:  Special:  Reinspection:

Location inspected: GRID P21

Activity inspected: INTRUSIVE OPS

II. Inspection Requirement	Satisfactory	Unsatisfactory	N/A
Surface Sweep			✓
Subsurface Sweep	✓		
Excavation Technique	✓		
Personal Protection Equipment	✓		
Work Practices	✓		
Site Control	✓		
First Aid Equipment	✓		
Fire Fighting Equipment	✓		
Explosive Transportation			✓
Explosive Storage			✓
Disposal Operations			✓
Overall Inspection Results	✓		

111. Comments:

❖ Worked stopped due to safety violations: Yes  No

❖ Personnel Involved: \_\_\_\_\_

❖ Corrective Measures: \_\_\_\_\_

❖ Reinspection required : Yes  No

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

[Signature] Site Safety Officer

\_\_\_\_\_  
Sr. UXO Supervisor/Project Manager

Zapata Engineering

Safety Inspection Log

Date: 1/12/06 Time: 1130 Contract Number: **DACA87-00-D-0034**

Delivery Order: **0014** Location: **Camp Croft, Spartanburg, South Carolina**

Weather Conditions: CLEAR H170°, L040° WIND SW 5-15

Type of Inspection: Daily:  Weekly:  Special:  Reinspection:

Location inspected: GRA I-21

Activity inspected: \_\_\_\_\_

II. Inspection Requirement	Satisfactory	Unsatisfactory	N/A
Surface Sweep	<input checked="" type="checkbox"/>		
Subsurface Sweep	<input checked="" type="checkbox"/>		
Excavation Technique	<input checked="" type="checkbox"/>		
Personal Protection Equipment	<input checked="" type="checkbox"/>		
Work Practices	<input checked="" type="checkbox"/>		
Site Control	<input checked="" type="checkbox"/>		
First Aid Equipment	<input checked="" type="checkbox"/>		
Fire Fighting Equipment	<input checked="" type="checkbox"/>		
Explosive Transportation			<input checked="" type="checkbox"/>
Explosive Storage			<input checked="" type="checkbox"/>
Disposal Operations			<input checked="" type="checkbox"/>
Overall Inspection Results	<input checked="" type="checkbox"/>		

111. Comments:

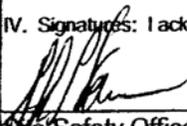
❖ Worked stopped due to safety violations: Yes \_\_\_\_\_ No

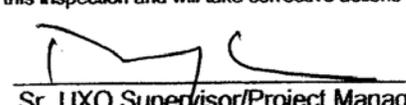
❖ Personnel Involved: \_\_\_\_\_

❖ Corrective Measures: \_\_\_\_\_

❖ Reinspection required : Yes \_\_\_\_\_ No \_\_\_\_\_

IV. Signatures: I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (If required)

 Site Safety Officer

 Sr. UXO Supervisor/Project Manager

Zapata Engineering

Safety Inspection Log

Date: 1/11/06 Time: 1600 Contract Number: DACA87-00-D-0034

Delivery Order: 0014 Location: Camp Coft, Spartanburg, South Carolina

Weather Conditions: PT. CLOUDY, 58°, WIND 0-5 mph

Type of Inspection: Daily:  Weekly:  Special:  Reinspection:

Location inspected: GRID I-21

Activity inspected: INTRUSIVE OPS

II. Inspection Requirement	Satisfactory	Unsatisfactory	N/A
Surface Sweep	✓		
Subsurface Sweep	✓		
Excavation Technique	✓		
Personal Protection Equipment		✓	
Work Practices	✓		
Site Control	✓		
First Aid Equipment	✓		
Fire Fighting Equipment	✓		
Explosive Transportation			N/A
Explosive Storage			N/A
Disposal Operations			N/A
Overall Inspection Results	✓		

111. Comments: WORKERS NEED TO WEAR PPE IN GRID

❖ Worked stopped due to safety violations: Yes  No

❖ Personnel Involved: 3

❖ Corrective Measures: REINFORCE REQUIREMENTS DURING DAILY BRIEF

❖ Reinspection required : Yes  No

IV. Signatures: I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (If required)

[Signature]  
Site Safety Officer

[Signature]  
Sr. UXO Supervisor/Project Manager

Zapata Engineering

Safety Inspection Log

Date: 1/10/06 Time: 1415 Contract Number: **DACA87-00-D-0034**

Delivery Order: **0014** Location: **Camp Croft, Spartanburg, South Carolina**

Weather Conditions: CLEAR, 67° WIND 0-5 MPH

Type of Inspection: Daily:  Weekly:  Special:  Reinspection:

Location inspected: GRIS F-21

Activity inspected: INTRUSIVE OPS

II. Inspection Requirement	Satisfactory	Unsatisfactory	N/A
Surface Sweep	<input checked="" type="checkbox"/>		
Subsurface Sweep	<input checked="" type="checkbox"/>		
Excavation Technique	<input checked="" type="checkbox"/>		
Personal Protection Equipment	<input checked="" type="checkbox"/>		
Work Practices	<input checked="" type="checkbox"/>		
Site Control	<input checked="" type="checkbox"/>		
First Aid Equipment	<input checked="" type="checkbox"/>		
Fire Fighting Equipment	<input checked="" type="checkbox"/>		
Explosive Transportation			
Explosive Storage			<input checked="" type="checkbox"/>
Disposal Operations			<input checked="" type="checkbox"/>
			<input checked="" type="checkbox"/>
Overall Inspection Results			

111. Comments:

❖ Worked stopped due to safety violations: Yes  No

❖ Personnel Involved: \_\_\_\_\_

❖ Corrective Measures: \_\_\_\_\_

❖ Reinspection required : Yes  No

IV. Signatures: I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (If required)

[Signature]  
 Site Safety Officer

[Signature]  
 Sr. UXO Supervisor/Project Manager

Zapata Engineering

Safety Inspection Log

Date: 1/19/06 Time: 1630 Contract Number: **DACA87-00-D-0034**

Delivery Order: **0014** Location: **Camp Coft, Spartanburg, South Carolina**

Weather Conditions: CLEAR, 58° WIND CALM

Type of Inspection: Daily:  Weekly  Special:  Reinspection

Location inspected: 35P2

Activity inspected: SURFACE CLEARANCE OF AMMUNITIONS

II. Inspection Requirement	Satisfactory	Unsatisfactory	N/A
Surface Sweep	✓		
Subsurface Sweep			✓
Excavation Technique			✓
Personal Protection Equipment	✓		
Work Practices	✓		
Site Control	✓		
First Aid Equipment	✓		
Fire Fighting Equipment	✓		
Explosive Transportation			✓
Explosive Storage			✓
Disposal Operations			✓
Overall Inspection Results	✓		

111. Comments:

❖ Worked stopped due to safety violations: Yes \_\_\_\_\_ No

❖ Personnel Involved: \_\_\_\_\_

❖ Corrective Measures: \_\_\_\_\_

❖ Reinspection required : Yes \_\_\_\_\_ No \_\_\_\_\_

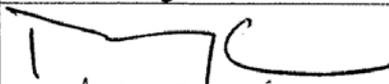
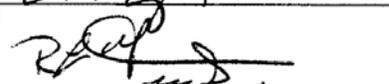
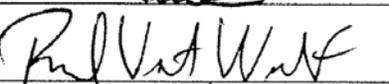
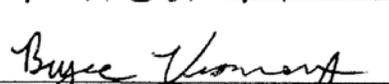
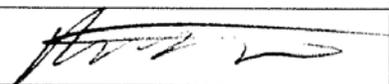
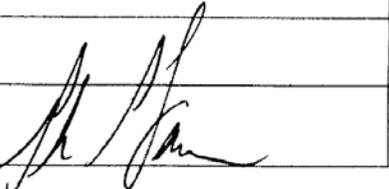
IV. Signatures: I acknowledge that I have been briefed on the results of this inspection and will take corrective actions (If required)

[Signature]  
Site Safety Officer

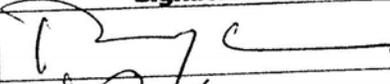
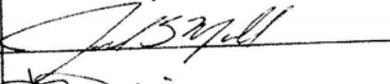
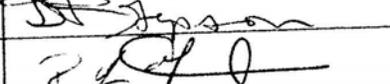
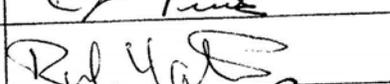
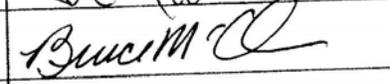
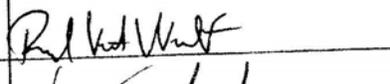
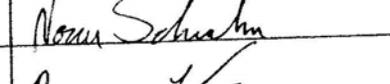
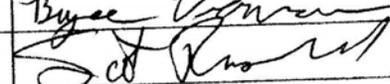
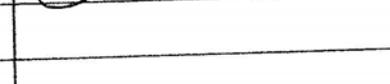
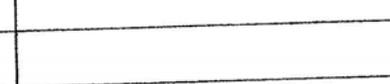
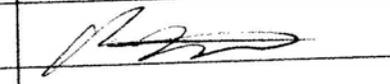
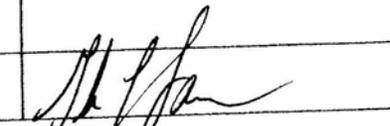
[Signature]  
Sr. UXO Supervisor/Project Manager

**SAFETY MEETING ATTENDANCE LOGS**

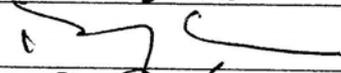
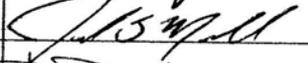
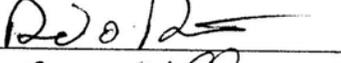
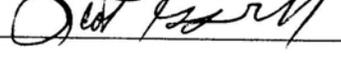
### Safety Meeting Attendance Log

Date: 1/30/06		Time: 0700	Contract Number DACA87-00-D-0034
Delivery Order Number: 0014		Location: FORMER CAMP CROFT	
Weather Conditions: (Low/High Temp, Wind/Speed/Dir) (Severe Weather)		RAIN, HI 63°, LO 38° WIND S @ 5-D MPH	
Safety Meeting Topic		EZ, SUPS	
Attendees:			
Name		Signature	Organization
Doug McCue			Zapata
Ed English			Zapata
Rick Funk			Zapata
Rachel Woolf			Zapata
Norm Schwalm			Zapata
Bryce Vroman			Zapata
Scott Russell			Zapata
Chuck Wentzel			Zapata
			Zapata
			Zapata
Walt Zange			USACE
Verified By: Glen T. Farmer, SSHO			Zapata

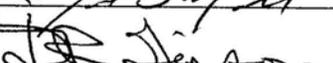
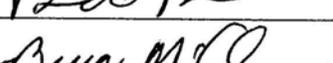
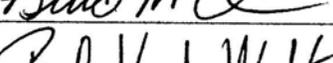
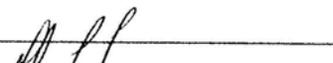
### Safety Meeting Attendance Log

Date: 1/27/06		Time: 0700	Contract Number DACA87-00-D-0034
Delivery Order Number: 0014		Location: FORMER CAMP CROFT	
Weather Conditions: (Low/High Temp, Wind/Speed/Dir) (Severe Weather)		CLEAR HI 58° LO 28° WWS 5-10 MPH	
Safety Meeting Topic		ENGINEERING CONTROLS, SUPS	
Attendees:			
Name	Signature	Organization	
Doug McCue		Zapata	
Ed English		Zapata	
Joel Morrell		Zapata	
Daney Gipson		Zapata	
Rick Funk		Zapata	
Rob Yates		Zapata	
Bruce McClain		Zapata	
Rachel Woolf		Zapata	
✓ Norm Schwalm		Zapata	
Bryce Vroman		Zapata	
Scott Russen		Zapata	
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		Zapata	
		Zapata	
Walt Zange		USACE	
Verified By: Glen T. Farmer, SSHO		Zapata	

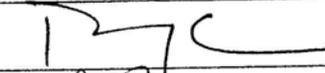
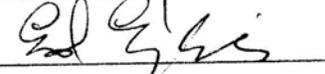
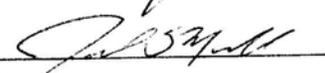
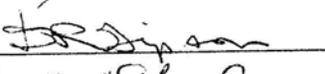
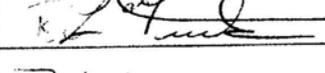
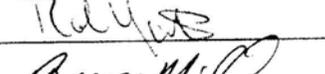
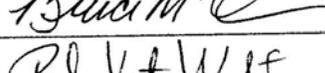
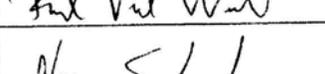
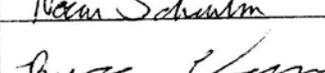
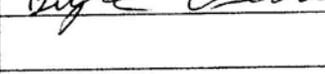
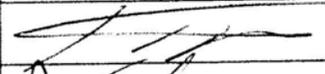
### Safety Meeting Attendance Log

Date: 1/19/06		Time: 0700	Contract Number DACA87-00-D-0034
Delivery Order Number: 0014		Location: FORMER CAMP CROFT	
Weather Conditions: (Low/High Temp, Wind/Speed/Dir) (Severe Weather)		CLEAR, H 62°, LO 35° WIND SW 5-10 mph	
Safety Meeting Topic		HYDRATION, SLIPS	
Attendees:			
Name	Signature	Organization	
Doug McCue		Zapata	
Ed English		Zapata	
Joel Morrell		Zapata	
Daney Gipson		Zapata	
Mike Fields		Zapata	
Dave Patton		Zapata	
Bruce McClain		Zapata	
Rachel Woolf		Zapata	
Scott Russell		Zapata	
		NAEVA	
		NAEVA	
Walt Zange		USACE	
Verified By: Glen T. Farmer, SSHO		Zapata	

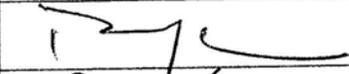
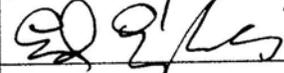
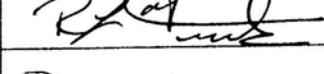
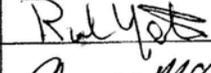
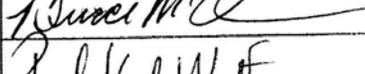
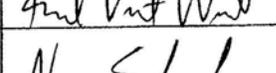
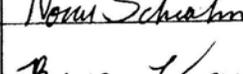
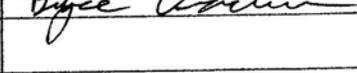
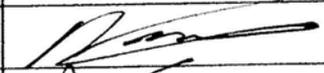
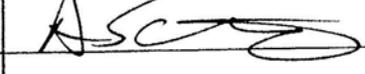
**Safety Meeting Attendance Log**

Date: 1/12/05		Time: 0700	Contract Number DACA87-00-D-0034
Delivery Order Number: 0014		Location: FORMER CAMP CROFT	
Weather Conditions: (Low/High Temp, Wind/Speed/Dir) (Severe Weather)		CLEAR HIGH 70° LOW 41° WIND SW 5-10	
Safety Meeting Topic		PPE, HYDRATION	
Attendees:			
<b>Name</b>		<b>Signature</b>	<b>Organization</b>
Doug McCue			Zapata
Ed English			Zapata
Joel Morrell			Zapata
Daney Gipson			Zapata
Mike Fields			Zapata
Dave Patton			Zapata
Bruce McClain			Zapata
Rachel Woolf			Zapata
			NAEVA
			NAEVA
Walt Zange			USACE
Verified By: Glen T. Farmer, SSHO			Zapata

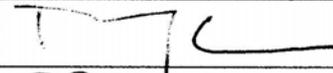
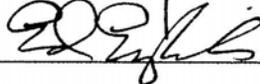
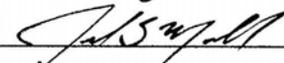
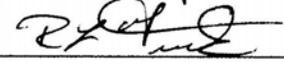
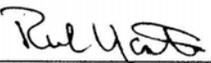
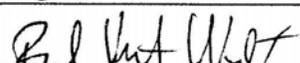
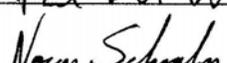
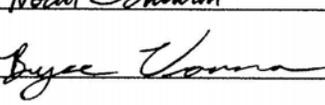
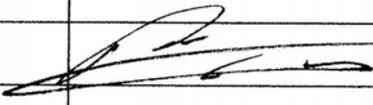
### Safety Meeting Attendance Log

<b>Date:</b> 1/26/06		<b>Time:</b> 0700	<b>Contract Number</b> DACA87-00-D-0034
<b>Delivery Order Number:</b> 0014		<b>Location:</b> FORMER CAMP CROFT	
<b>Weather Conditions:</b> (Low/High Temp, Wind/Speed/Dir) (Severe Weather)		CLEAR HI 57°, LO 28° WIND NW @ 5-15 mph	
<b>Safety Meeting Topic</b>		PROPER LIFTING, COMMUNICATIONS	
<b>Attendees:</b>			
<b>Name</b>	<b>Signature</b>	<b>Organization</b>	
Doug McCue		Zapata	
Ed English		Zapata	
Joel Morrell		Zapata	
Daney Gipson		Zapata	
Rick Funk		Zapata	
Rob Yates		Zapata	
Bruce McClain		Zapata	
Rachel Woolf		Zapata	
Norm Schwalm		Zapata	
Bryce Vroman		Zapata	
		Zapata	
Walt Zange		USACE	
Andy Schwarz T2		USACE	
<b>Verified By:</b> Glen T. Farmer, SSHO		Zapata	

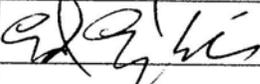
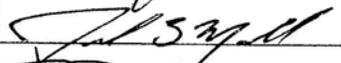
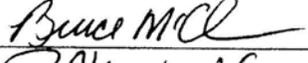
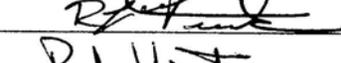
### Safety Meeting Attendance Log

Date: 1/25/06		Time: 0700	Contract Number DACA87-00-D-0034
Delivery Order Number: 0014		Location: FORMER CAMP CROFT	
Weather Conditions: (Low/High Temp, Wind/Speed/Dir) (Severe Weather)		CLEAR H155°, L032° WIND 15-25 MPH	
Safety Meeting Topic		SLIPS, WIND, BOBCAT	
Attendees:			
Name	Signature	Organization	
Doug McCue		Zapata	
Ed English		Zapata	
Joel Morrell		Zapata	
Daney Gipson		Zapata	
Rick Funk		Zapata	
Rob Yates		Zapata	
Bruce McClain		Zapata	
Rachel Woolf		Zapata	
Norm Schwalm		Zapata	
Bryce Vroman		Zapata	
		Zapata	
Walt Zange		USACE	
Andy Schwartz		USACE	
Verified By: Glen T. Farmer, SSHO		Zapata	

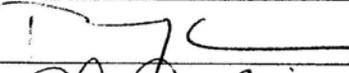
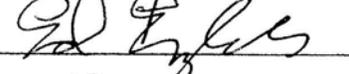
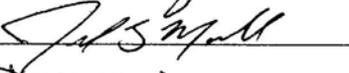
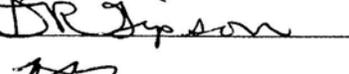
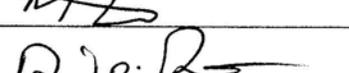
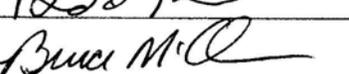
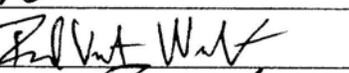
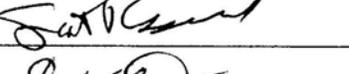
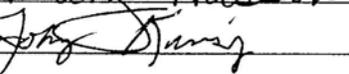
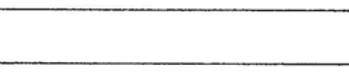
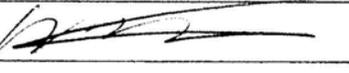
### Safety Meeting Attendance Log

Date: 1/24/06		Time: 0700	Contract Number DACA87-00-D-0034
Delivery Order Number: 0014		Location: FORMER CAMP CROFT	
Weather Conditions: (Low/High Temp, Wind/Speed/Dir) (Severe Weather)		CLEAR H1 62°, LO 35° WINDS 15-20 MPH	
Safety Meeting Topic		SLIPS/TRIPS, VEHICLE	
Attendees:			
Name	Signature	Organization	
Doug McCue		Zapata	
Ed English		Zapata	
Joel Morrell		Zapata	
Daney Gipson		Zapata	
Rick Funk		Zapata	
Rob Yates		Zapata	
Bruce McClain		Zapata	
Rachel Woolf		Zapata	
Norm Schwalm		Zapata	
Bryce Vroman		Zapata	
		Zapata	
Walt Zange		USACE	
Verified By: Glen T. Farmer, SSHO		Zapata	

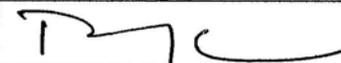
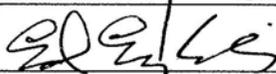
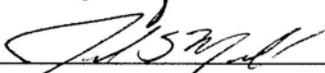
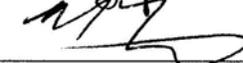
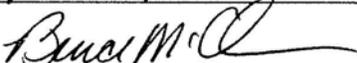
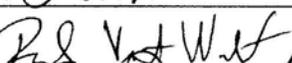
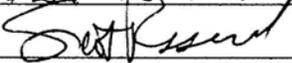
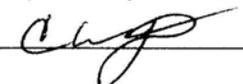
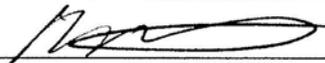
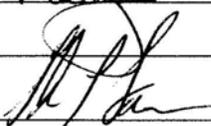
**Safety Meeting Attendance Log**

Date: 1/23/06		Time: 0700	Contract Number DACA87-00-D-0034
Delivery Order Number: 0014		Location: FORMER CAMP CROFT	
Weather Conditions: (Low/High Temp, Wind/Speed/Dir) (Severe Weather)		RAIN HI 50, LO 35 WINDS W @ 5-10 MPH	
Safety Meeting Topic		SLIPS, BOBCAT	
Attendees:			
Name	Signature	Organization	
Doug McCue		Zapata	
Ed English		Zapata	
Joel Morrell		Zapata	
Daney Gipson		Zapata	
Mike Fields	DEMOS	Zapata	
Dave Patton	DEMOS	Zapata	
Bruce McClain		Zapata	
Rachel Woolf		Zapata	
Richard FUNK		Zapata	
Rob Yates		Zapata	
Norm Schwalm		Zapata	
Bryce Vroman		Zapata	
		Zapata	
		Zapata	
		NAEVA	
		NAEVA	
Walt Zange		USACE	
Verified By: Glen T. Farmer, SSHO		Zapata	

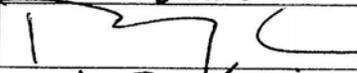
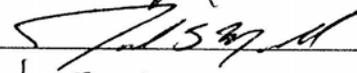
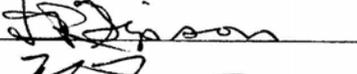
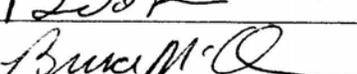
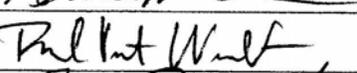
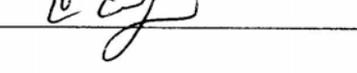
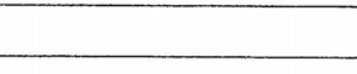
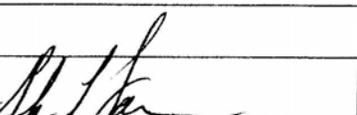
### Safety Meeting Attendance Log

Date: 1/18/06		Time: 0700	Contract Number DACA87-00-D-0034
Delivery Order Number: 0014		Location: FORMER CAMP CROFT	
Weather Conditions: (Low/High Temp, Wind/Speed/Dir) (Severe Weather)		CLEAR, HI 53°, LO 32° WIND W @ 15-25 MPH	
Safety Meeting Topic		WIND, BOBCAT	
Attendees:			
Name	Signature	Organization	
Doug McCue		Zapata	
Ed English		Zapata	
Joel Morrell		Zapata	
Daney Gipson		Zapata	
Mike Fields		Zapata	
Dave Patton		Zapata	
Bruce McClain		Zapata	
Rachel Woolf		Zapata	
Scott Russen		Zapata	
Chuck Wertz		Zapata	
Mary Wasson		Zapata BP Barber	
JOHNNY KINSEY		Zapata BP BARBER	
		Zapata	
		Zapata	
		NAEVA	
		NAEVA	
Walt Zange		USACE	
Verified By: Glen T. Farmer, SSHO		Zapata	

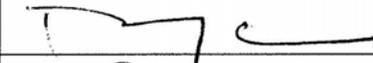
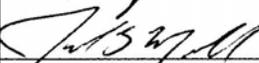
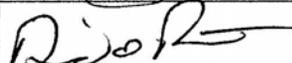
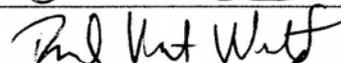
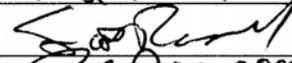
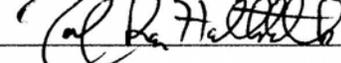
### Safety Meeting Attendance Log

Date: 1/17/06	Time: 0700	Contract Number DACA87-00-D-0034
Delivery Order Number: 0014	Location: FORMER CAMP CROFT	
Weather Conditions: (Low/High Temp, Wind/Speed/Dir) (Severe Weather)	RAIN, HI 58°, LO 43° WIND S @ 10-20 MPH	
Safety Meeting Topic	LIGHTNING, SLIPS	
Attendees:		
Name	Signature	Organization
Doug McCue		Zapata
Ed English		Zapata
Joel Morrell		Zapata
Daney Gipson		Zapata
Mike Fields		Zapata
Dave Patton		Zapata
Bruce McClain		Zapata
Rachel Woolf		Zapata
Scott Russer		Zapata
Charles Westzel		Zapata
		NAEVA
		NAEVA
Walt Zange		USACE
	JOHNNY KINSEY	D.P. BARBER
Mary Wasson	Mary Wasson	BP Barber
Verified By: Glen T. Farmer, SSHO		Zapata

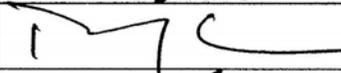
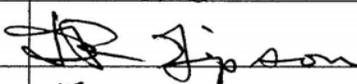
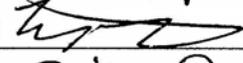
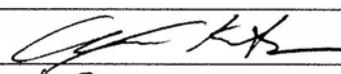
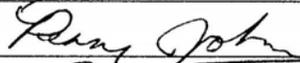
### Safety Meeting Attendance Log

Date: 1/16/		Time: 0700	Contract Number DACA87-00-D-0034
Delivery Order Number: 0014		Location: FORMER CAMP CROFT	
Weather Conditions: (Low/High Temp, Wind/Speed/Dir) (Severe Weather)		PT. CLOUDY, HI 62°, LO 40° WINDS 5-15 mph	
Safety Meeting Topic		EQUIPMENT SAFETY, SUPS	
Attendees:			
Name	Signature	Organization	
Doug McCue		Zapata	
Ed English		Zapata	
Joel Morrell		Zapata	
Daney Gipson		Zapata	
Mike Fields		Zapata	
Dave Patton		Zapata	
Bruce McClain		Zapata	
Rachel Woolf		Zapata	
Scott Russem		Zapata	
Charles Wetz		Zapata	
		NAEVA	
		NAEVA	
Walt Zange		USACE	
Verified By: Glen T. Farmer, SSHO		Zapata	

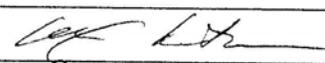
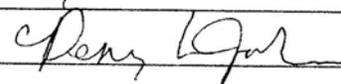
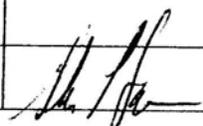
### Safety Meeting Attendance Log

<b>Date:</b> 1/11/06		<b>Time:</b> 0700	<b>Contract Number</b> DACA87-00-D-0034
<b>Delivery Order Number:</b> 0014		<b>Location:</b> FORMER CAMP CROFT	
<b>Weather Conditions:</b> (Low/High Temp, Wind/Speed/Dir) (Severe Weather)		Cloudy, HI 60° LO 45° WINDS 5-15 MPH	
<b>Safety Meeting Topic</b>		SLIPS, TRIPS, HYDRATION, BOBCAT	
<b>Attendees:</b>			
<b>Name</b>	<b>Signature</b>	<b>Organization</b>	
Doug McCue		Zapata	
Ed English		Zapata	
Joel Morrell		Zapata	
Daney Gipson		Zapata	
Mike Fields		Zapata	
Dave Patton		Zapata	
Bruce McClain		Zapata	
Rachel Woolf		Zapata	
Scott Russell		Zapata	
Joe Hallatschek		Zapata	
		NAEVA	
		NAEVA	
Walt Zange		USACE	
<b>Verified By:</b> Glen T. Farmer, SSHO		Zapata	

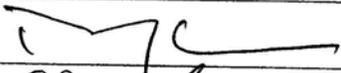
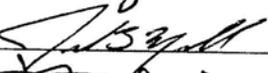
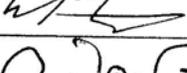
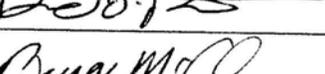
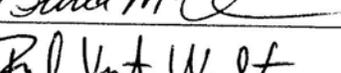
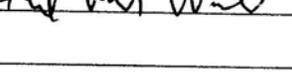
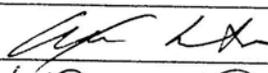
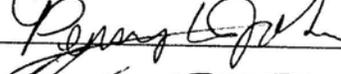
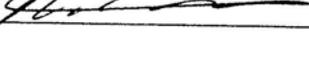
**Safety Meeting Attendance Log**

<b>Date:</b> 1/10/06		<b>Time:</b> 0700	<b>Contract Number</b> DACA87-00-D-0034
<b>Delivery Order Number:</b> 0014		<b>Location:</b> FORMER CAMP CROFT	
<b>Weather Conditions:</b> (Low/High Temp, Wind/Speed/Dir) (Severe Weather)		PT. CLOUDY HI 65 LO 48 WINDS 5-10 MPH	
<b>Safety Meeting Topic</b>		SLIPS, TRIPS, PPE	
<b>Attendees:</b>			
<b>Name</b>	<b>Signature</b>	<b>Organization</b>	
Doug McCue		Zapata	
Ed English		Zapata	
Joel Morrell	OFF SITE	Zapata	
Daney Gipson		Zapata	
Mike Fields		Zapata	
Dave Patton		Zapata	
Bruce McClain		Zapata	
Rachel Woolf		Zapata	
		Zapata	
Alex Kostera		NAEVA	
Penny Johnson		NAEVA	
WALT ZANCE		USACE	
<b>Verified By:</b> Glen T. Farmer, SSHO		Zapata	

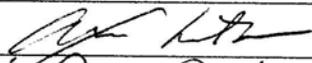
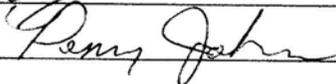
### Safety Meeting Attendance Log

<b>Date:</b> 1/8/06		<b>Time:</b>	<b>Contract Number</b> DACA87-00-D-0034
<b>Delivery Order Number:</b> 0014		<b>Location:</b> FORMER CAMP CROFT	
<b>Weather Conditions:</b> (Low/High Temp, Wind/Speed/Dir) (Severe Weather)		CLEAR, HI 60, LO 48° WINDS 5-10 MPH	
<b>Safety Meeting Topic</b>		SLIPS, TRIPS	
<b>Attendees:</b>			
<b>Name</b>	<b>Signature</b>	<b>Organization</b>	
Doug McCue		Zapata	
Ed English		Zapata	
Joel Morrell		Zapata	
Daney Gipson		Zapata	
Mike Fields		Zapata	
Dave Patton		Zapata	
Bruce McClain		Zapata	
Rachel Woolf		Zapata	
		Zapata	
Alex Kostera		NAEVA	
Daney Gipson		NAEVA	
		USACE	
<b>Verified By:</b> Glen T. Farmer, SSHO		Zapata	

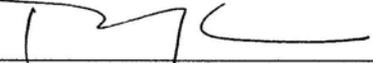
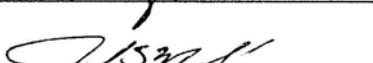
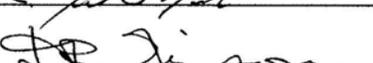
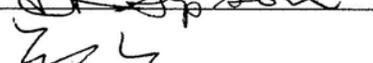
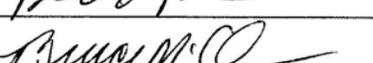
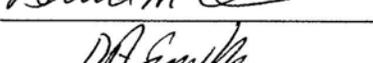
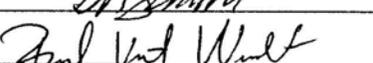
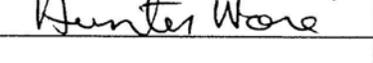
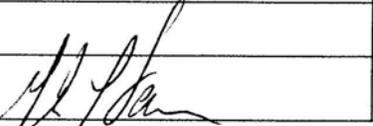
### Safety Meeting Attendance Log

Date: 1/9/06		Time: 0700	Contract Number DACA87-00-D-0034
Delivery Order Number: 0014		Location: FORMER CAMP CROFT	
Weather Conditions: (Low/High Temp, Wind/Speed/Dir) (Severe Weather)		PT. CLOUDY HI 63° LO 45° WINDS SW @ 10-15 MPH	
Safety Meeting Topic		INTRUSIVE SAFETY, HYDRATION	
Attendees:			
Name		Signature	Organization
Doug McCue			Zapata
Ed English			Zapata
Joel Morrell			Zapata
Daney Gipson			Zapata
Mike Fields			Zapata
Dave Patton			Zapata
Bruce McClain			Zapata
Rachel Woolf			Zapata
			Zapata
Alex Kostera			NAEVA
Penny Johnson			NAEVA
WPLI ZANCIE USACE			USACE
Verified By: Glen T. Farmer, SSHO			Zapata

### Safety Meeting Attendance Log

Date: 1/7/06		Time: 0700	Contract Number DACA87-00-D-0034
Delivery Order Number: 0014		Location: FORMER CAMP CROFT	
Weather Conditions: (Low/High Temp, Wind/Speed/Dir) (Severe Weather)		CLEAR, HI 50, LO 30 WINDS 0-5	
Safety Meeting Topic		SLIPS, TRIPS	
Attendees:			
Name		Signature	Organization
Doug McCue			Zapata
Ed English			Zapata
Joel Morrell			Zapata
Daney Gipson			Zapata
Mike Fields			Zapata
Dave Patton			Zapata
Bruce McClain			Zapata
Rachel Woolf			Zapata
			Zapata
Alex Kostera			NAEVA
Penny Johnson			NAEVA
			USACE
Verified By: Glen T. Farmer, SSHO			Zapata

**Safety Meeting Attendance Log**

<b>Date:</b> 1/6/06		<b>Time:</b> 0700		<b>Contract Number</b> DACA87-00-D-0034	
<b>Delivery Order Number:</b> 0014			<b>Location:</b> FORMER CAMP CROFT		
<b>Weather Conditions:</b> (Low/High Temp, Wind/Speed/Dir) (Severe Weather)		CLEAR A1 48°, L028° WIND 5-10 MPH			
<b>Safety Meeting Topic</b>		SLIPS/TRIPS, GOLFERS			
<b>Attendees:</b>					
<b>Name</b>		<b>Signature</b>		<b>Organization</b>	
Doug McCue				Zapata	
Ed English				Zapata	
Joel Morrell				Zapata	
Daney Gipson				Zapata	
Mike Fields				Zapata	
Dave Patton				Zapata	
Bruce McClain				Zapata	
DAVID Smith				Zapata	
Rachel WoodF				Zapata	
				Zapata	
Alex Kostera				NAEVA	
Perry Johnson				NAEVA	
HUNTER WARE				<del>WARE</del> GPA	
<b>Verified By:</b> Glen T. Farmer, SSHO				Zapata	

### Safety Meeting Attendance Log

Date: 1/5/06		Time: 0700	Contract Number DACA87-00-D-0034
Delivery Order Number: 0014		Location: FORMER CAMP CROFT	
Weather Conditions: (Low/High Temp, Wind/Speed/Dir) (Severe Weather)		CLEAR, H161', LD 35° WWS W @ 5-10 MPH	
Safety Meeting Topic		BOBEAT, SLIPS/TRIPS	
Attendees:			
Name		Signature	Organization
Doug McCue			Zapata
Ed English			Zapata
Joel Morrell			Zapata
Daney Gipson			Zapata
Mike Fields			Zapata
Dave Patton			Zapata
Bruce McClain			Zapata
Rachel Woolf			Zapata
AARON DYRESEY			Zapata
D. Smith			Zapata
S. Russell			Zapata
			Zapata
			Zapata
Alex Kostera			NAEVA
Penny Johnson			NAEVA
			USACE
HUNTER WARE			SPA
Verified By: Glen T. Farmer, SSHO			Zapata



**APPENDIX I  
EXPLOSIVE MANAGEMENT**

**APPENDIX I1  
EXPLOSIVE EXPENDITURES RECORDS**

Perform (DLA)

PREVIOUS EDITION MAY BE USED

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23														
D I C O N	R I M	Q U A N T I T Y	S U P P L E M E N T A R Y A D D R E S S	F U N D I N G	D I S T R I B U T I O N	P R O J E C T	R E C E I V E R	A D V I S O R	R I O C M	P A P D	7 1 7 2 7 3 1 4 7 5 7 6 7 7 7 8 7 9 8 0	1. TOTAL PRICE	2. SHIP FROM	3. SHIP TO	4. MARK FOR	5. DOC DATE	6. NMFC	7. FRT RATE	8. TYPE CARGO	9. PS	10. QTY. RECD	11. UP	12. UNIT WEIGHT	13. UNIT CUBE	14. UFC	15. SL	16. FREIGHT CLASSIFICATION NOMENCLATURE	17. ITEM NOMENCLATURE	18. TY. CONT	19. NO. CONT	20. TOTAL WEIGHT	21. TOTAL CUBE	22. RECEIVED BY	23. DATE RECEIVED		
24. DOCUMENT NUMBER	25. NATIONAL STOCK NO. & ADD (8-22)	26. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	27. ADDITIONAL DATA	28. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	29. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	30. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	31. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	32. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	33. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	34. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	35. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	36. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	37. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	38. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	39. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	40. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	41. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	42. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	43. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	44. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	45. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	46. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	47. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	48. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	49. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	50. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	51. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	52. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	53. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	54. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	55. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	56. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	57. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	58. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	59. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)	60. RIC (4-6) LI (23-25) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)

**Issued by:**  
 Douglas D. McCue, Senior UXO Supervisor  
 ZAPATAENGINEERING, P.A.  
 Home Office (704) 358-8240  
 Field Office (931) 393-1900

**Received by:**  
 Lt. John Dyas, Bomb Squad  
 Spartanburg County Sheriff  
 Office (864) 582-8972  
 Mobile (864) 809-1002

\* Also includes 1 M6A3  
 Detonating fuze used for  
 The M15 Grenade

\* 23  
 Grenade Hand, WP  
 M15







PerFORM (DLA)

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27											
SHIP TO		SHIP FROM		TOTAL PRICE		SHIP TO		SHIP FROM		TOTAL PRICE		SHIP TO		SHIP FROM		TOTAL PRICE		SHIP TO		SHIP FROM		TOTAL PRICE		SHIP TO		SHIP FROM											
UNIT PRICE		DOLLARS		CTS		UNIT PRICE		DOLLARS		CTS		UNIT PRICE		DOLLARS		CTS		UNIT PRICE		DOLLARS		CTS		UNIT PRICE		DOLLARS		CTS									
DOLLARS		CTS		DOLLARS		CTS		DOLLARS		CTS		DOLLARS		CTS		DOLLARS		CTS		DOLLARS		CTS		DOLLARS		CTS		DOLLARS		CTS							
5. DOC DATE		6. NMFC		7. FRT RATE		8. TYPE CARGO		9. PS		10. QTY. REC'D		11. UP		12. UNIT WEIGHT		13. UNIT CUBE		14. UFC		15. SL		16. FREIGHT CLASSIFICATION NOMENCLATURE		17. ITEM NOMENCLATURE		18. TV CONT		19. NO CONT		20. TOTAL WEIGHT		21. TOTAL CUBE		22. RECEIVED BY		23. DATE RECEIVED	
14																						EXPLOSIVE A		LIVE PRACTICE AND										J. F. Dyer			
24. DOCUMENT NUMBER		25. NATIONAL STOCK NO. & ADD (8-22)		26. RIC (4-6) U (23-24) CTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)		27. ADDITIONAL DATA		24. DOCUMENT NUMBER		25. NATIONAL STOCK NO. & ADD (8-22)		26. RIC (4-6) U (23-24) CTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)		27. ADDITIONAL DATA																							

Issued by:   
 Douglas D. McCue, Senior UXO Supervisor  
 ZAPATAENGINEERING, P.A.  
 Home Office (704) 358-8240  
 Field Office (931) 393-1900

Received by:  
 Lt. John Dyas, Bomb Squad  
 Spartanburg County Sheriff  
 Office (864) 582-8972  
 Mobile (864) 809-1002

**APPENDIX I2  
UXO ITEMS REPORT**

<b>UXO ITEMS REPORT - FORMER CAMP CROFT</b>						
GRID	DATE UXO FOUND	TEAM	UXOS	UXO TYPE	QTY	REMARKS
F19	01/24/06	1	McClain	Grenade, Prac Mk II	1	Turned in to Spartanburg County Bomb Squad
F19	01/24/06	2	Yates	Grenade, Prac Mk II	1	Turned in to Spartanburg County Bomb Squad
G19	01/27/06	2	Yates	Grenade, Prac Mk II	1	Turned in to Spartanburg County Bomb Squad
G20	01/12/06	1	McClain	Grenade, Prac Mk II	1	Turned in to Spartanburg County Bomb Squad
G20	01/24/06	2	Yates	Grenade, Prac Mk II	1	Turned in to Spartanburg County Bomb Squad
G20	01/24/06	2	Yates	Grenade, Frag Mk II	1	Turned in to Spartanburg County Bomb Squad
G20	01/24/06	2	Yates	Grenade, Frag Mk II	1	Turned in to Spartanburg County Bomb Squad
G20	01/27/06	2	Yates	Grenade, Prac Mk II	1	Turned in to Spartanburg County Bomb Squad
G20	01/27/06	2	Yates	Grenade, Prac Mk II	1	Turned in to Spartanburg County Bomb Squad
G20	01/27/06	2	Yates	Grenade, Prac Mk II	1	Turned in to Spartanburg County Bomb Squad
I22	01/24/06	1	McClain	Grenade, Frag Mk II	1	Turned in to Spartanburg County Bomb Squad
J22	01/12/06	1	McClain	Grenade, Frag Mk II	1	Turned in to Spartanburg County Bomb Squad
				Total	12	

**APPENDIX I3  
GRID DATABASE**

GRID DATABASE - FORMER CAMP CROFT																				
GRID	DATE GRID COMPLETED	TEAM	UXOS	UXO LOCATED/DATE	QTY	X	Y	Z	BIP_Y_N	TIME/BIP	DIGS	LEBS OF UXO SCRAP	LEBS OF NON UXO SCRAP	DATE_QC	QC RESULT	DATE_QA	QA RESULT	DATE OF 948 OR ACCEPTANCE	COE SAFETY OFFICER	REMARKS
B19														01/17/06	P					
C17	01/12/06	1	McClain								2	1	0	01/16/06	P					
C18	01/17/06	1	McClain								2	0	0	01/17/06	P					
C19														01/23/06	P					
C20														01/27/06	P					No anomalies detected and/or selected in this partial grid due to topography
D17	01/26/06	1	McClain								17	0	10	01/17/06	P					
D18	01/17/06	1	McClain								11	0	67	01/17/06	P					
D19														01/17/06	P					
E17														01/27/06	P					No anomalies detected and/or selected in this partial grid
E18														01/27/06	P					No anomalies detected and/or selected in this partial grid
											32	1	77							

GRID DATABASE - FORMER CAMP CROFT																				
GRID	DATE GRID COMPLETED	TEAM	UXOS	UXO LOCATED/DATE	QTY	X	Y	Z	BIP_Y_N	TIME/BIP	DIGS	LBS OF UXO SCRAP	LBS OF NON UXO SCRAP	DATE_OC	QC RESULT	DATE_OA	QA RESULT	DATE OF 948 OR ACCEPTANCE	COE SAFETY OFFICER	REMARKS
E20	01/10/06	1	McClain								2	0	1	01/17/06	P					
E21	01/17/06	1	McClain								4	2	1	01/25/06	P					
F18	01/24/06	1	McClain								1	1	0	01/24/06	P					
F19	01/27/06	1	McClain	Grenade, Prac Mk II, 1/24/2006	1	49.5	53	12	N		21	1	92	01/25/06	P					
F19	01/27/06	2	Yates	Grenade, Prac Mk II, 1/24/2006	1	79.5	40	5	N											
F20	01/24/06	1	McClain								16	1	7.25	01/25/06	P					
F21	01/30/06	1	McClain								36	0	65.35	01/26/06	P					
G19	01/27/06	2	Yates	Grenade, Prac Mk II, 1/27/2006	1	62.0	43.0	1	N		55	3.25	31	01/25/06	P					
G20	Not Complete	1	McClain	Grenade, Prac Mk II, 1/12/2006	1	93	26	4	N		55	3.25	30.5							Resident returned into E7 before intrusive completed
G20	Not Complete	2	Yates	Grenade, Prac Mk II, 1/24/2006	1	21	27	3	N											One anomaly (G20_67) not cleared
G20	Not Complete	2	Yates	Grenade, Frag Mk II, 1/24/2006	1	22.5	77.5	1	N											Same as above
G20	Not Complete	2	Yates	Grenade, Frag Mk II, 1/24/2006	1	84.0	89.0	2	N											Same as above
G20	Not Complete	2	Yates	Grenade, Prac Mk II, 1/27/2006	1	75.0	98.5	0	N											Same as above
G20	Not Complete	2	Yates	Grenade, Prac Mk II, 1/27/2006	1	13.0	81.0	1	N											Same as above
G20	Not Complete	2	Yates	Grenade, Prac Mk II, 1/27/2006	1	12.0	84.0	1	N											Same as above
G21	01/26/06	1	McClain								21	3	14.25	01/24/06	P					
G22														01/27/06	P					No anomalies detected and/or selected in this partial grid
H20	01/27/06	1	McClain								9	0.5	1.75	01/24/06	P					
					10						190	11	227							

GRID DATABASE - FORMER CAMP CROFT																				
GRID	DATE GRID COMPLETED	TEAM	UXOS	UXO LOCATED/DATE	QTY	X	Y	Z	BIP_Y_N	TIME/BIP	DIGS	lbs OF UXO SCRAP	lbs OF NON UXO SCRAP	DATE_OC	QC RESULT	DATE_OA	QA RESULT	DATE OF 948 OR ACCEPTANCE	COE SAFETY OFFICER	REMARKS
G21	01/26/06	1	McClain											01/24/06	P					No anomalies located in 32P
G22														01/27/06	P					
H20	01/27/06	1	McClain								36	2.25	15.75	01/24/06	P					
H21	01/30/06	1	McClain								40	12	17.25	01/25/06	P					
H22	01/23/06	1	McClain								12	1	9	01/16/06	P					
I20	01/24/06	1	McClain								21	3.25	13	01/25/06	P					
I21	01/26/06	1	McClain								17	4	1.75	01/25/06	P					
I22	01/30/06	1	McClain								1	0	0.25	01/19/06	P					
											127	23	57							

GRID DATABASE - FORMER CAMP CROFT																				
GRID	DATE GRID COMPLETED	TEAM	UXOS	UXO LOCATED/DATE	QTY	X	Y	Z	BIP_Y_N	TIME/BIP	DIGS	LBS OF UXO SCRAP	LBS OF NON UXO SCRAP	DATE_OC	QC RESULT	DATE_OA	QA RESULT	DATE OF 848 OR ACCEPTANCE	COE SAFETY OFFICER	REMARKS
I21	01/26/06	1	McClain								5	0	1.50	01/25/06	P					
I22	01/30/06	1	McClain	Grenade, Frag Mk II, 1/24/2006	1	52	12	18	N		6	1	0.75	01/19/06	P					
J20	01/19/06	1	McClain								19	7	7.25	01/23/06	P					
J21	Not Completed	1	McClain								49	8.25	18.5							Resident returned into EZ before intrusive completed. Two anomalies (J21_38 & C5) not cleared.
J22	01/19/06	1	McClain	Grenade, Frag Mk II, 1/12/2006	1	25.5	76.82	3	N		11	4	1.75	01/23/06	P					
K20	01/10/06	1	McClain								1	0	0.25	01/23/06	P					
K21	01/11/06	1	McClain								10	2	13.75	01/16/06	P					
					2						101	22	44							

GRID DATABASE - FORMER CAMP CROFT																				
GRID	DATE GRID COMPLETED	TEAM	UXOS	UXO LOCATED/DATE	QTY	X	Y	Z	BIP_Y_N	TIME/BIP	DIGS	LBS OF UXO SCRAP	LBS OF NON UXO SCRAP	DATE_QC	QC RESULT	DATE_QA	QA RESULT	DATE OF 948 OR ACCEPTANCE	COE SAFETY OFFICER	REMARKS
P20	01/24/06	1	McClain								7	0	1.5	01/24/06	P					
P21	01/26/06	1	McClain								20	0	4.25	01/26/06	P					
R20	01/26/06	1	McClain								44	0	17.25	01/26/06	P					
R21	01/26/06	1	McClain								19	0	5.25	01/26/06	P					
											90	0	28							

**APPENDIX J  
PHOTOGRAPHS**

<b>FORMER CAMP CROFT SPARTANBURG, SC</b>	
<b>DATE:</b> 01-26-06 <b>PHOTO #:</b> 1	
<b>DIRECTION:</b>	
<b>PHOTO BY:</b> T. Farmer	
<b>DESCRIPTION:</b> MOFB positioned over anomaly	

<b>FORMER CAMP CROFT SPARTANBURG, SC</b>	
<b>DATE:</b> 01-26-06 <b>PHOTO #:</b> 2	
<b>DIRECTION:</b>	
<b>PHOTO BY:</b> T. Farmer	
<b>DESCRIPTION:</b> MOFB positioned over anomaly	

<b>FORMER CAMP CROFT SPARTANBURG, SC</b>	
<b>DATE:</b> 01-26-06 <b>PHOTO #:</b> 3	
<b>DIRECTION:</b>	
<b>PHOTO BY:</b> T. Farmer	
<b>DESCRIPTION:</b> Excavation of anomaly	

<b>FORMER CAMP CROFT SPARTANBURG, SC</b>	
<b>DATE:</b> 01-26-06 <b>PHOTO #:</b> 4	
<b>DIRECTION:</b>	
<b>PHOTO BY:</b> Doug McCue	
<b>DESCRIPTION:</b> Office location at Golf Course maintenance facility	

<b>FORMER CAMP CROFT SPARTANBURG, SC</b>	
<b>DATE:</b> 01-26-06 <b>PHOTO #:</b> 5	
<b>DIRECTION:</b>	
<b>PHOTO BY:</b> Doug McCue	
<b>DESCRIPTION:</b> Positioning MOFB over anomaly using the bobcat type vehicle	

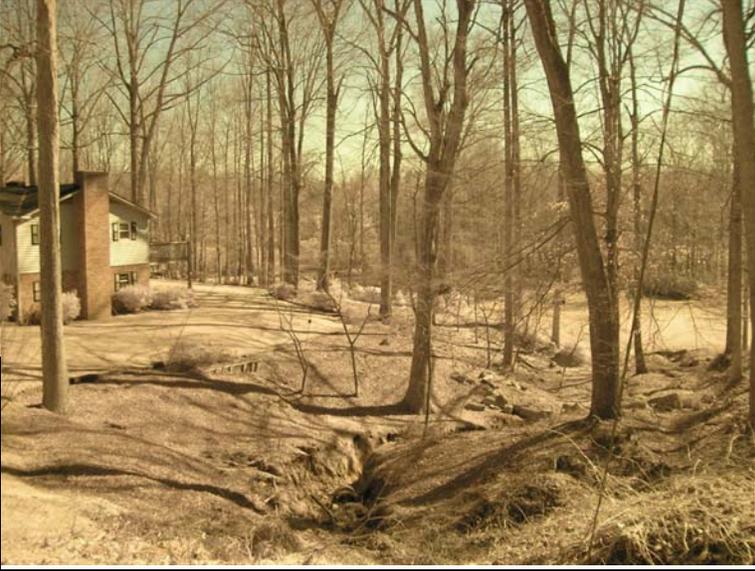
<b>FORMER CAMP CROFT SPARTANBURG, SC</b>	
<b>DATE:</b> 01-26-06 <b>PHOTO #:</b> 6	
<b>DIRECTION:</b>	
<b>PHOTO BY:</b> Doug McCue	
<b>DESCRIPTION:</b> Positioning MOFB over anomaly using the bobcat type vehicle	

<b>FORMER CAMP CROFT SPARTANBURG, SC</b>	
<b>DATE:</b> 01-26-06 <b>PHOTO #:</b> 7	
<b>DIRECTION:</b>	
<b>PHOTO BY:</b> Doug McCue	
<b>DESCRIPTION:</b> Moving the MOFB	

<b>FORMER CAMP CROFT SPARTANBURG, SC</b>	
<b>DATE:</b> 01-26-06 <b>PHOTO #:</b> 8	
<b>DIRECTION:</b> NORTH	
<b>PHOTO BY:</b> T. Farmer	
<b>DESCRIPTION:</b> Grid 35P2	

<b>FORMER CAMP CROFT SPARTANBURG, SC</b>	
<b>DATE:</b> 01-26-06 <b>PHOTO #:</b> 9	
<b>DIRECTION:</b> SE	
<b>PHOTO BY:</b> T. Farmer	
<b>DESCRIPTION:</b> 33P	

<b>FORMER CAMP CROFT SPARTANBURG, SC</b>	
<b>DATE:</b> 01-26-06 <b>PHOTO #:</b> 10	
<b>DIRECTION:</b> SE	
<b>PHOTO BY:</b> T. Farmer	
<b>DESCRIPTION:</b> 33P/32P	

<b>FORMER CAMP CROFT SPARTANBURG, SC</b>	
<b>DATE:</b> 01-26-06 <b>PHOTO #:</b> 11	
<b>DIRECTION:</b> NORTH	
<b>PHOTO BY:</b> T. Farmer	
<b>DESCRIPTION:</b> 31P	

<b>FORMER CAMP CROFT SPARTANBURG, SC</b>	
<b>DATE:</b> 01-26-06 <b>PHOTO #:</b> 12	
<b>DIRECTION:</b> SE	
<b>PHOTO BY:</b> T. Farmer	
<b>DESCRIPTION:</b> 29P	

**APPENDIX K**  
**COST SUMMARY**  
(Not Applicable)