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C011535A00	09-022	001
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WCH-DE-032 (01/15/2007)

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FINAL

Phase III UXO Characterization Report
600-149 Former Army Pistol Range

Revision 0

Prepared for:

Washington Closure Hanford
U.S. Department of Energy's Hanford Site

Prepared by:

TerranearPMC

222 Valley Creek Blvd, Suite 210
Exton, PA 19341

June 2011

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LIST OF ACRONYMS

ARM	ARM Geophysics
CD	Cultural Debris
DGM	Digital Geophysical Mapping
DOE	U.S. Department of Energy
EM	Electromagnetic Conductivity
FBI	Federal Bureau of Investigation
ft	feet
GPO	Geophysical Prove-Out
GPS	Global Positioning Unit
m	meters
MD	Munitions Debris
MDAS	Materials Described as Safe
MEC	Munitions or Explosives of Concern
MPPEH	Material Suspected of Potentially Presenting and Explosive Hazard
mV	millivolts
QC	Quality Control
ROD	Record of Decision
TPMC	TerranearPMC, LLC
UXO	Unexploded Ordnance
WCH	Washington Closure Hanford

1.0 INTRODUCTION

Washington Closure Hanford (WCH) tasked TerranearPMC, LLC (TPMC) with developing a plan for and performing geophysical and unexploded ordnance (UXO) investigations at the Former Army Pistol Range within the 600-149 Site (Site). WCH, through Phoenix Enterprises NW, LLC, authorized this project under Contract C011535A00.

1.1 PURPOSE

The purpose of this investigation was to complete the second phase of Site work to help identify potential munitions or explosives of concern (MEC) in preparation for remediation of lead-contaminated soils. The results of this investigation are included in this report.

1.2 WORK TASKS

Under this contract, TPMC performed the following tasks:

- Completed a pre-activity civil survey of the property and notable features, and conducted layout of a site grid for the follow-on investigation;
- performed a surface sweep and clearance of potential UXO, and metallic debris including cultural and munitions debris (MD);
- provided UXO escort support during digital geophysical mapping (DGM) of the Site;
- generated dig sheets for potential UXO anomalies;
- performed intrusive investigation of identified metallic anomalies;
- performed verification DGM in grids that were identified as "high-density" metallic anomaly areas; and
- prepared this project report documenting the work completed.

2.0 BACKGROUND

2.1 SITE DESCRIPTION

WCH manages the River Corridor Closure Project at the U.S. Department of Energy's (DOE) Hanford Site in southeastern Washington State. The U.S. Army Corps of Engineers established the Hanford Site in 1943 as an integral part of the Manhattan Engineering District mission to produce nuclear weapons for use in World War II. From 1943 until 1990, the primary mission of the Site was to produce nuclear materials for the defense of the nation.

The Site is located within the 600 Area of the Hanford Site in Benton County, approximately 19 miles north of Richland, Washington and is identified as the Former Army Pistol Range. The Site is located at the foot of the northeastern slope of Gable Mountain, west of Route 2 North, northwest of the former Hanford Town site, and approximately two miles west of the Columbia River. The coordinates of the Site are 46°35'49" north latitude and 119°26'07" west longitude. A Site Location Map is presented in Appendix A, Figure 1.

The WCH Field Remediation Project is responsible for the cleanup and removal of hazardous materials in various waste sites located within the River Corridor. The 600 Area of the Hanford Site contains the remains of Hanford operations and support facilities. To effectively address the remediation efforts the 600 area was divided into Operable Units. This Site, the Former Army Pistol Range or Site 600-149, is also known as the 661 complex or 600-54. The 600-149 Site was assigned to Operable Unit 100-IU-6.

According to historical documentation, the complex which includes the 600-149 Pistol Range, measures 381 meters (m) [1,250 feet (ft)] by 555 m (1,820 ft) and encompasses approximately 52 acres.

The boundaries of the range are not clearly identifiable to personnel entering the area. Historically, the Site was demarcated by a wood post and barbed wire enclosure. The enclosure fenced three sides of the range and appears to have been posted with warning signs. The signs, however, are no longer readable and consist of rectangular wooden postings attached to some of the remaining wooden fence posts. The fence is open on the hillside. Much of the fence is down and some of the wire sections have been removed leaving the posts standing. Portions of an old irrigation canal, at the base of the hillside, have been filled with soil apparently to give access to targets placed on the hillside. Rubble, wire, and transite pipe are scattered about the Site. A paved area exists in the southeastern portion of the Site and a small dry drainage canal borders the southern portion. A two-track dirt road crosses the east-west length of the Site. Concrete footings were noted on the south of the dirt road, and it is assumed that the main portion of the range encompassed these areas and the terrain in between. Warning signs are posted at access roads into the range.

2.2 SITE HISTORY

The Site operated from the mid-1940's through the 1950's as a practice range for handguns, rifles, shotguns, machine guns, hand grenades, smoke bombs, and other small arms and incendiary devices. Complete information on types of ordnance is not readily available. The complex was a temporary construction facility used to train the Hanford patrolmen in weapons use, after the construction period. It consisted of a Range House Building, Well Pump House and four firing ranges. The four ranges included an Army pistol range, a Federal Bureau of Investigation (FBI) "killer course" range (also known as the "special range"), a submachine gun range, and a "walk and draw" pistol range. The Army pistol range and FBI range were reportedly covered with a 5.1 centimeter (2-inch) thick bituminous road mix, and the submachine gun range and "walk and draw" pistol range were equipped with manually operated moving targets. The Range House Building was located on the opposite side of the access road from the ranges and contained a conference room, equipment storage room, office, rest room, and three brick chimneys for stove heating purposes. The small Well Pump House pit was constructed of concrete and contained a hatch in the roof for the maintenance of pumping equipment. The Range House and Well House were previously removed from the Site.

2.3 PREVIOUS INVESTIGATIONS

Field surveillance activities conducted 17 June 1996 at the Site revealed several 19 and 23 liter (5 and 6 gallon) drums (riddled with bullet holes), smoke grenade canisters (discharged and bullet riddled), bullet casings, suspected moving target devices, and concrete pads to the west.

The 100 Area Remaining sites Record of Decision (ROD) requires removal, treatment, and disposal of lead-contaminated soil and collected lead bullets associated with the pistol range. No other ranges were identified for remediation. The ROD identifies lead, transite, soil and miscellaneous debris waste streams with lead as the contaminant of concern.

A preliminary site survey of the range Site was conducted on March 15, 2006. The results of the survey were provided in the *Final Report, Preliminary Survey, Small Arms Range Site 600-149 Hanford, Washington*, dated March 2006 (PIKA, 2006). The purpose of the survey was to determine if areas within the Site contained potential UXO.

The site survey consisted of a limited magnetometer assisted visual inspection of the Site and adjacent areas immediately to the north and south. One area was found to be heavily contaminated with MEC and MD. Larger types of range residue were documented in this area, including various types of expended smoke grenades, small smoke pot canisters, and expended rifle grenade residue. One UXO (37 mm Rifle CS/CN Grenade) was identified and marked with a red pin flag and resides beyond the southwestern edge of the PRID canal, outside of the boundaries of the pistol range. A

second pin flag was used to mark the location of a subsurface magnetic anomaly. Numerous 55-gallon drums riddled with bullet holes were located on the slope of Gable Mountain. An M60 fuze igniter and burnt fuze was identified in this area. This type of fuze is still used today for demolition purposes, but was not used prior to the mid 1970s.

A Phase II Site Characterization was performed in the spring of 2008. The site characterization consisted of surface clearance of metallic materials, DGM using an electromagnetic conductivity (EM) unit (EM-61) and subsurface investigation of selected DGM anomalies over 7.2-acres in the southeastern portion of the 600-149 Site.

During the 2008 characterization, the UXO Team investigated 212 anomalies identified by DGM. Anomalies consisted of hot rocks and/or soil, non-range related debris, range related debris and three MEC items. The anomalies were located between zero to 18 inches in depth.

MEC items consisted of one 37mm Lake Erie Tru-Flite Barricade Projectile recovered from the lower portion of the northwestern slope of the back stop; one 37MM Lake Erie Long Range Riot Shell recovered from the lower portion of the northeastern slope of back stop; and one Lake Erie Hand Smoke Grenade Fuze (partial) recovered from the lower portion of the northwestern slope of back slop.

The three items were determined to require disposal by detonation. Each of these MEC items was relocated by the UXO Team to an area outside of the immediate work area, but within the original acreage boundary. Sand bags were placed around the items and then surrounded with orange safety fence to provide a warning to personnel. WCH provided for the detonation.

2.4 CURRENT LAND USE

The range, hillsides, and areas adjacent to the former 600-149 area are closed with no current activity. Roadways leading to the Site are posted noting the potential MEC hazard.

3.0 CURRENT INVESTIGATION ACTIVITIES

3.1 LOCATION SURVEY

Civil surveying was conducted prior to the initiation of UXO investigation activities. The corners of the property were identified, and the entire 52-acre Site was marked by staking with wooden lathe and tape along the fence lines and canal forming the outer boundaries. Grid corner stakes were laid out within the Site to facilitate surface clearance and the geophysics survey. Two hundred and ten 100-ft by 100-ft grids were established. A map of the surveyed grids established is provided as Appendix A, Figure 2, Pre-Excavation Grid Map. The geographic coordinates of the corners of each grid, and of the Site boundaries, were established and recorded. Additionally, the surveyors marked the corners of a small 100-ft by 100-ft area near the support zone for use as a geophysical prove-out (GPO) area.

3.2 LIMITING CONDITIONS

Some areas of the Site were excluded from the DGM and intrusive phases of the investigation, due to accessibility. These areas were excluded because of difficult topography, dense vegetation or man-made structures that could not be traversed with the EM-61. Additionally, during the course of the project certain areas were designated as 'exclusion zones' due to the presence of potential environmental hazards not related to UXO anomalies. Areas that did not receive DGM coverage are shown as white on Appendix A, Figure 3, Overall Survey Map.

3.3 UXO SURFACE CLEARANCE

A surface sweep and clearance of the 47 acres was conducted between 13 October and 2 November 2010, as an initial phase of UXO characterization activities. A portion of the 7.2 acres that had been cleared in 2008 was used for support zone facilities. The purpose of the clearance was to rid the area surface of as much metallic material as possible to minimize interference with the geophysical investigation.

The visual surface sweep was conducted by qualified UXO Technicians using Schonstedt GA-52 Cx hand-held magnetometers. UXO teams were positioned in a single line, at equal intervals along a grid boundary, with not more than five feet separating the individuals. UXO Technicians traversed each grid and conducted a systematic magnetometer-assisted visual search for metallic items on the ground surface that would potentially present an explosive hazard and/or interfere with the DGM. Grids were cleared of metallic surface debris prior to commencement of DGM data collection. A photographic log of the investigation activities is included in Appendix B.

Metallic surface debris, including range-related debris, was visually inspected by qualified UXO Technicians and classified as MEC, material documented as safe

(MDAS) or cultural debris (CD). MDAS consisted of MD; cultural debris consisted of items such as nails, pipe, barbed wire, paint cans, etc. Surface MEC were visually inspected to determine if the item was material potentially posing an explosive hazard (MPPEH). If the item was determined to be MPPEH red pin flags were placed around the item and a GPS coordinate was collected. MEC items were marked in place for later disposition. MDAS and CD were placed in a staging location on the edge of the exclusion zone for radiation scanning prior to removal from the exclusion zone.

MDAS was placed in lockable containers for temporary on-site storage and consisted of, smoke grenade bodies, smoke grenade expended fuzes, small arms brass, small arms lead bullets, 25mm flare casings, 35mm flare casings, CS/CN rifle grenade bodies and .50 caliber links. CD was placed in a covered roll-off container for temporary on-site storage.

The only MEC item found during the surface clearance was an unfired 37 millimeter flare in grid 32x61 (See Photo 15 in Appendix B).

3.4 DIGITAL GEOPHYSICAL MAPPING

TPMC subcontracted ARM Geophysics, Inc. (ARM) to perform the geophysical investigation (DGM) of the approximately 47 acres. DGM was also conducted for the approximately 7.2 acres in the 2008 Phase II Site Characterization. The elements of the DGM activity are discussed in the following subsections.

3.4.1 Geophysical Prove-Out

A GPO area was prepared prior to the DGM production survey to test and confirm combined equipment and operator system performance, and for the purpose of establishing interpretation methodologies to be implemented in generating a list of discrete anomaly locations. A seeded DGM survey of the 100-ft by 100-ft GPO grid was conducted on 3 November 2010. After analyzing the results of the GPO and initial dig of selected anomalies in the grid, a threshold value of 5 millivolts (mV) was determined to be the appropriate threshold criteria for selecting anomaly dig targets. Further information regarding the GPO can be found in the ARM Geophysical Report presented in Appendix C.

3.4.2 Digital Geophysical Mapping Production Survey

Field teams conducted DGM surveys of each grid between 4 November and 17 December 2010. DGM was conducted for the purpose of locating geophysical anomalies in the subsurface that could potentially be MEC. The geophysics team traversed each grid at the Site with an EM-61- MK2, 1.0 x 05 meter coil (upper and lower), positioned with a Leica 1200 Real Time Kinematic GPS field coil instrument, while continuously recording geophysical data. The geophysics teams achieved a 100 percent geophysical coverage of the Site with noted exceptions.

3.4.3 *Digital Geophysical Mapping Interpretation and Results Summary*

At the end of each day, the geophysics teams downloaded data collected during the EM-61 survey and transferred it to a home office for processing and analysis. The production data was then converted, imported, processed, evaluated for Quality Control (QC), and interpreted using industry-standard software. The analysis of geophysical data resulted in the creation of a Site-wide DGM map and an Oasis Montaj exported geo-references Geographic Information Systems layer. The DGM Site map is presented as Appendix A, Figure 3, Overall DGM Map.

Locations selected by the software as anomaly locations were reviewed for compliance with the 5mV threshold criteria established during the GPO process. A final list of geophysical anomaly locations was developed and plotted on DGM maps of each grid. Dig sheets were developed for each grid, listing the geophysical anomalies and providing their locations. Over 2,900 anomalies were identified across the Site. Further information regarding DGM analysis can be found in the Geophysical Report (Appendix B).

From the Site-wide map, the following features were noted:

- Lightly-cluttered areas predominant near the far eastern border of the Site (in the vicinity of grid 23x74);
- Highly-cluttered areas with probable utilities are prominent near the south-central portion of the Site (in the vicinity of grids 22x65, 22x66, 21x65, 21x66);
- Highly cluttered linear-dispersions of anomalies, originating in the south-west portion of the Site (in the vicinity of grid 24x60) trend in three, approximately, south-westerly directions;
- Linear-trending large anomalous features occur in the west-central portion of the Site (in the vicinity of grids 25x56, 26x57, 26x58), trending from south-east to north-west;
- A linear-trending thin anomalous feature occurs along the west-northwest central boundary of the Site (in the vicinity of grids 31x56, 32x57, 32x58), trending from southwest to northeast; and
- An extremely cluttered area, with possible trenches/dumps, occurs near the north-central portion of the Site (in the vicinity of grids 32x62, 32x63, and 33x63).

The six trends, as identified above and as shown in zoomed in sections of the Site-wide map, were re-examined in the dig results in order to aptly determine their characteristics. Individual grid maps are provided on the CD that accompanies this report.

3.5 *SITE-WIDE INTERPRETATION SUMMARY*

Using the threshold value established during the GPO process of 5 mV, over 2900 anomalies were identified across the Site. As indicated in the Site-wide DGM map, the eastern half of the Site primarily consists of grids with low anomaly counts and small

anomalies trending towards more and larger anomalies in the western portion. Also of note, a majority of the grids had terrain changes (drop-offs, rocks jutting out of the surface and/or bouldering on the surface) or heavily vegetated features which induced occasional false-positives in the data when damp from overnight snow/ice. At the time of collection and review, the primary objective was to maximize the removal of MEC hazards with the secondary objective to minimize false-positives as much as possible. Ultimately, intrusive investigations by TPMC representatives demonstrated whether the anomalies identified were related to real metallic items or to false positives (damp vegetation related or otherwise) and any major discrepancies (i.e. lack metallic item from large amplitude response) were re-examined with the EM61 by one of the field teams. For the most part, unexplained false positives were isolated to low responses.

3.6 INTRUSIVE INVESTIGATION/CLEARANCE

As noted, dig sheets were developed listing target anomalies with mV readings of 5 mV or greater. These dig sheets were provided to the intrusive investigation teams for identification and/or removal. Dig teams used a Trimble Geo XH GPS to navigate to target anomaly locations identified on the dig sheets, excavated at the anomaly location, identified the item and documented the date, anomaly type, number of contacts, distance from the target coordinate, and depth at which the anomaly was encountered. Three 12mm flares and one 37mm flare were the only MEC items encountered during the first stage of intrusive anomaly identification.

The complete summary list of the results for intrusive investigation is presented in Appendix D.

3.6.1 Quality Assurance for Intrusive Investigation/Clearance

After subsurface anomaly investigations were completed in each grid, dig sheets were submitted to the on-site UXO QC manager. The UXO QC manager re-acquired the location of each completed dig location and performed a survey using a Schonstedt GA-52 Cx hand-held magnetometer to verify that the target anomaly had been removed. If no anomaly was detected, the location was documented on the dig sheet as having passed the QA check. If the magnetometer detected an anomaly, a failure was documented on the spreadsheet and the location was revisited by the dig team in a second attempt to identify and recover the anomaly. The end result of this process is that dig sheet targets were documented as one of the following:

- anomaly that was identified and removed
- anomaly was identified as MEC and left in place
- anomaly was left in place at the direction of WCH
- anomaly was identified as a no-find
- anomaly was identified as a seed item

Sixteen seed items consisting of 1-inch diameter by 4-inch long steel pipe were buried between six and 18 inches deep in randomly selected locations around the grid prior to DGM as an additional QA check. Twelve of the seed items were found during this stage of intrusive anomaly investigation indicating a potential problem with anomaly selection.

Based on review of the DGM, it was suspected the remaining four seed items were located in areas with high anomaly densities identified by DGM. The close proximity of numerous metallic anomalies makes it difficult for geophysical data processors to accurately differentiate and select discrete locations for each and every anomaly.

Sixty-one grids were identified as High Density (HD) areas due to the large number and close proximity of subsurface anomalies (Appendix A, Figure 4, Coverage Map). The majority of the HD anomaly targets were investigated during this initial phase of digging, however, accurate QA using a Schonstedt and Whites All-Metals detector could not be accomplished due to the quantity and dense nature of metallic debris. Because of the difficulty in selecting dig locations and the difficulty with performing accurate QA, it was decided that these 61 grids would be intrusively investigated further using alternative methods; namely, mechanical excavation and sifting.

3.6.2 High-Density Grid Intrusive Investigation/Clearance

The sifting stage of anomaly investigation and clearance in HD grids commenced on 17 January 2011 and was completed on 22 March 2011. The investigation/clearance and verification approach for HD anomaly areas consisted of excavating surface and shallow soil, followed by sifting to separate and recover both ferrous and non-ferrous metal.

The following steps were performed for sifting operations.

1. The 61 HD anomaly grids were delineated on individual DGM grid maps.
2. The maps and sift area coordinates were provided to field crews and staked out in the field.
3. Soil was removed in 6-inch lifts using a backhoe in a manner that minimized damage to vegetation, to the extent possible.
4. Sift area excavation was performed to depths normally ranging between six and 18 inches, although some isolated areas required excavation up to 48 inches.
5. When present, MEC items were determined safe to move, removed by hand and placed in a predetermined consolidation point.
6. The sift areas and dig points were then re-checked with Schonstedt and White's all-metal detectors to verify anomalies had been removed. If additional anomalies were detected during the re-check, excavation continued until anomalies were identified and removed.
7. After the areas were cleared of MEC, the screening tables were positioned in the excavation. Soils removed from the excavation were screened to remove MDAS and CD. A backhoe was used to convey soil for sifting from stockpiles to the sift

table. Excavations were returned to the original grade and bladed to meet the existing ground surface.

8. Upon completion of clearance activities in each grid, areas were checked by the UXO QC using an EM-61 in direct-read mode to check that metallic anomalies associated with past activities have been removed.
9. As an added verification step, verification DGM was performed by ARM over 100 percent of 60 HD grids. One grid was QA checked with a Shonstedt and Whites all-metal detector.

MDAS and CD was placed in buckets and staged to be checked by WCH Radiological Control Technicians (RCTs). When the MDAS and CD were cleared, it was placed an appropriate container as directed by WCH for final disposition (See Section 5.4, E of WCH Task Work Instruction WP No.: FRU 10 08 26 001 Rev 0, 066:149).

MPPEH encountered during sifting operations in HD areas consisted of two blasting caps, one 37mm practice rifle grenade, one CS grenade, and one 12 mm flare.

Additionally, three of the four remaining QA seed items were found during sift operations. The last seed item is located in an exclusion zone within grid 21x67 based on the coordinates for the seed. TPMC was not permitted to look for the seed item in the exclusion zone.

3.7 DGM VERIFICATION SURVEY OF HIGH-DENSITY GRIDS

For quality assurance purposes approximately 12 acres of DGM verification data, exclusive of vegetation and other obstacles, was collected by ARM personnel, over the 59 of the 61 HD grids utilizing a DGPS positioned EM61-MKII sensor. From a comparison of the original site maps and the current Site-wide maps, the following items are of note:

- With the exception of grids 21x66 and 22x66, which remain highly responsive (and have spread out somewhat), the overall impression given by the comparison between the original and the verification data is that the amount of anomalous response in the area has been greatly reduced.
- Where regions of response remain, the response is generally lighter or more fragmentary, implying that remaining anomalies, particularly those in locations where there was not a previous pick, may be due to broken-up sections of original anomalies disturbed during the intrusive process. The exceptions to this are areas noted as being either piles of concrete or exclusion zones which were not present during the original surveys;
- The areas of high response in grids 21x66 and 22x66 retain their approximate outline (though somewhat more spread out) and internal features from the original surveys.
- The data collected as a buffer around the suspected burn pit in the vicinity of grid 33x62 indicated that the response attributed to the burn pit does not extend significantly (less than 20 ft) outside of the project boundaries.

3.7.1 Investigation of Anomalies Identified in the High–density Verification Survey

Dig sheets were developed from the verification survey data listing target anomalies. These dig sheets were provided to the intrusive investigation teams for identification. Dig teams used a Trimble Geo XH GPS to navigate to target anomaly locations identified on the dig sheets, excavated at the anomaly locations and identified the items. No MEC was encountered during residual anomaly identification. Results of verification reacquisition and identification of are presented in Appendix A, Figures 6 through 65.

3.7.2 DGM Verification Survey and Anomaly Investigation in Exclusion Zones

Seven exclusion zones were defined by WCH over the course of the project because potential known and unknown contaminants or anomalies of concern were identified by the intrusive investigation teams. DGM verification survey and intrusive anomaly investigation was not permitted in exclusion zones once they were established.

3.8 BURN PIT AREA

An area near the northeast corner of the Site was thought to be a munitions burial pit, based on unsubstantiated historical information. At the beginning of the project, while the initial DGM data was being collected and processed, a UXO dig team started intrusive investigation in the Burn Pit area. In total, the dig team sifted soil from an area approximately 20 ft by 10 ft to an average depth of approximately 24 inches. Total MDAS removed from the excavation, consisting on predominantly small arms casings and other MD, weighed approximately 1,000 lbs. The total area excavated represented only a small portion of the total estimated burn pit area.

Once dig sheets were generated for mapped grids burn pit sifting operations were terminated and an exclusion zone was placed around the area.

After the DGM Verification Survey was complete, additional DGM surveying was performed outside of the Site boundary to determine the extent of the Burn Pit area. DGM results indicate that a portion of the Burn Pit area may extend outside of the existing northern boundary of the Site. The results of the DGM are presented in Geophysical Report (Appendix B). A DGM map of the burn pit is presented as Appendix A, Figure 66, Digital Geophysical Map of Burn Pit Area.

3.9 SUPPLEMENTARY CIVIL SURVEY AND MAPPING OF NOTABLE FEATURES

A supplementary civil survey was performed to re-acquire the Site boundary and locate site features identified during the MEC investigation and clearance activities. These

features included numerous concrete pads with rebar, barbed wire, debris piles and exclusion zone boundaries established around various subsurface features, debris piles, and the burn-pit area in the northeast corner of the Site. A map showing the Site and existing features is presented in Appendix A, Drawings 0600X-DD-C0803 and 0600X-DD-C0804, Post Remediation Feature Table and Map.

4.0 EVALUATION AND RECCOMENDATIONS

The objectives of the 600-149 MEC investigation and clearance project was to perform a surface sweep, subsurface characterization to determine the nature and extent of metallic anomalies, and subsurface clearance of MEC and MPPEH hazards within the limitations defined for the project (> 5 mV readings).

The project objectives were met. Based on the work completed, there is a high degree of confidence that the probability of encountering MEC or MPPEH during future surface and subsurface activities within the areas surveyed and anomalies dug is very low. Additionally, the ordnance-related risk is also considered low based on the type of ammunition now known to have been utilized at the range.

For example, some small projectile remains were discovered. However, items similar to what was found on site (Lake Erie-type projectiles and hand grenades) typically contained tear gas, an agent to induce stomach sickness, or smoke. Tear gas and sickness-inducing materials are used for riot control and would most likely not be used on the 600-149 range for practice. It would be normal and expected that only smoke rounds (simulated projectiles/grenades) were used for practice at the 600-149 Range. These projectiles or hand grenades typically contain only a small explosive charge or propellant charge to burst the munitions to expel the contents. The charge is typically a concussion-type meaning it would require a sharp blow or heavy impact to detonate. Movement and/or pressure would not typically set off such items. Although these charges can cause injury if manipulated by hand; use of remote handling equipment, such as an excavator, would minimize the potential injury due to the charge from these types of items. Other items used on the range (based on historical information and site inspection) appear to have been small arms ammo such as pistol, rifle or shotgun, which would contain only powder and a primer.

Based on the results of the UXO sweep and geophysical investigation, the following recommendations are made:

- WCH can continue activities at the Former Army Pistol Range. Should these activities involve disturbance of surface and subsurface soils, the following are recommended for those designated exclusion areas (such as the burn pits, suspect anomaly areas, and PACM area).
    - Education and Training – for visitors and personnel involved in future work at the site. Any persons entering the site should be notified of the exclusion areas and provided UXO awareness training to include, at a minimum a brief description of the historical use; potential MEC hazards still present at the site, and procedures to follow if a potential UXO item is encountered (e.g. the three Rs, Recognize, Retreat, Report).
    - UXO Construction Safety Support – is recommended for any future soil disturbance within the exclusion areas. This level of support can range from having a qualified UXO safety person on call in case a potential item

is encountered to having qualified personnel on-site to oversee operations.

The following notes are provided.

- Some small exclusion areas in DGM coverage were encountered because of obstacles or where vegetation clearance was not possible in some areas. The size of some obstacles/vegetation restricted the DGM equipment from fully covering some areas (i.e., the equipment could not be passed over the entire area or could not be passed at a height as close to the ground surface as the standard operating procedures require). Shrubs and sagebrush were the dominant vegetation in the area. Sage brush was circumnavigated in both stages of DGM survey. However, during the investigation, the Team worked diligently to approach each section from various directions to facilitate as much coverage as possible. Sections with no DGM coverage are considered exclusion areas and shown on Figures 3 and 4 as white areas. The result is that the presence of MEC and MPPH in the vicinity of these areas cannot be completely ruled out, although the risks, as noted above, are extremely low.
- As with any monitoring device, the EM 61 DGM technology can be impacted by varying conditions such as terrain variations and moisture. Despite the best efforts of skilled field operators and highly trained and experienced data processors there is always a chance an anomaly can go undetected (i.e., have a reading < 5mV) because of its size, depth, and/or orientation within the subsurface.

5.0 REFERENCES

PIKA, 2006. Preliminary Survey, Small Arms Range Site 600-149, Hanford, Wasington, September 2006.

TPMC, 2010. Geophysical Investigation Work Plan for the 600-149 Small Arms Firing Range, September 2010.

TPMC, 2008. UXO Characterization Report for the 600-149 Former Army Pistol Range, June 2008.

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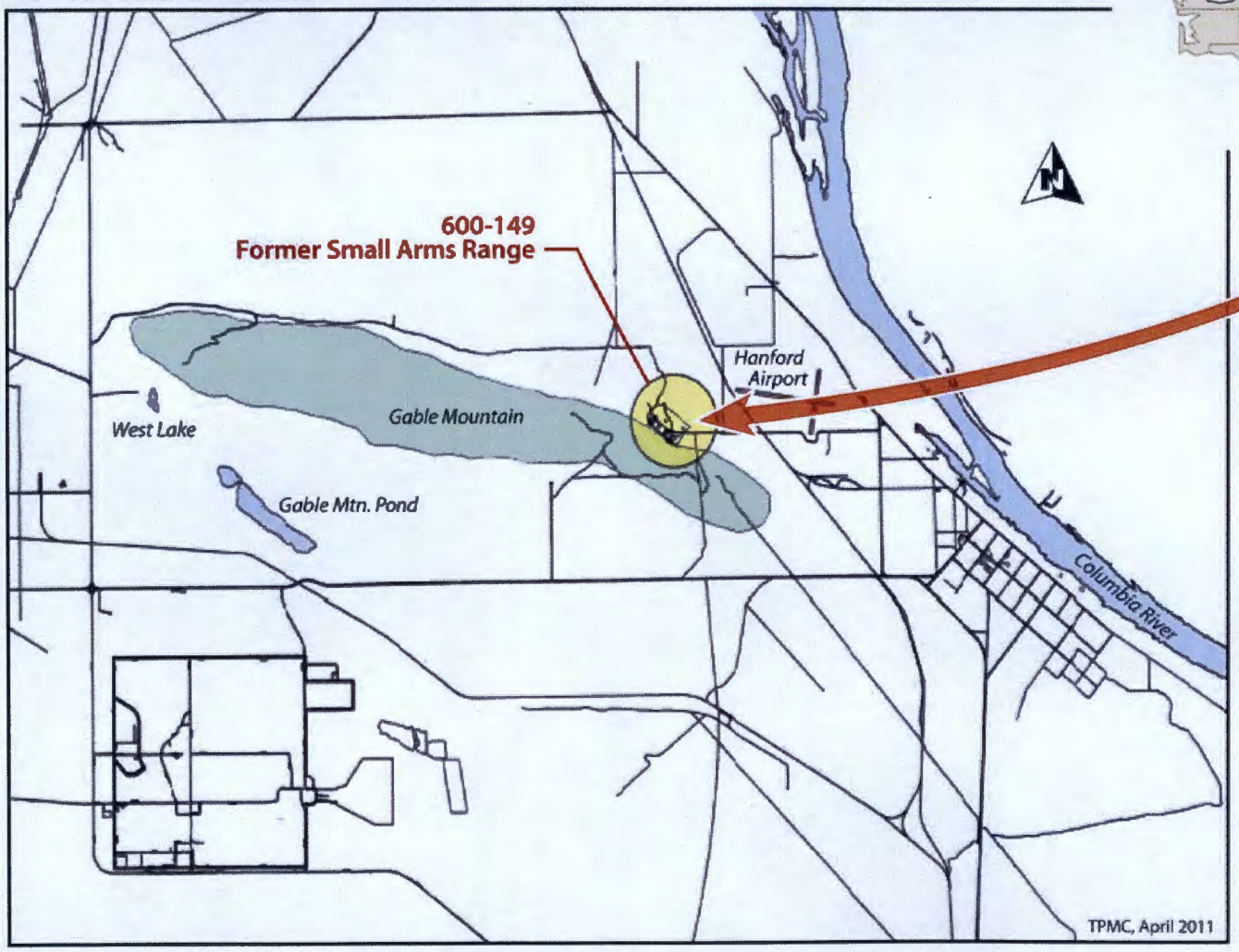
US DEPT OF ENERGY
HANFORD FEDERAL RESERVATION



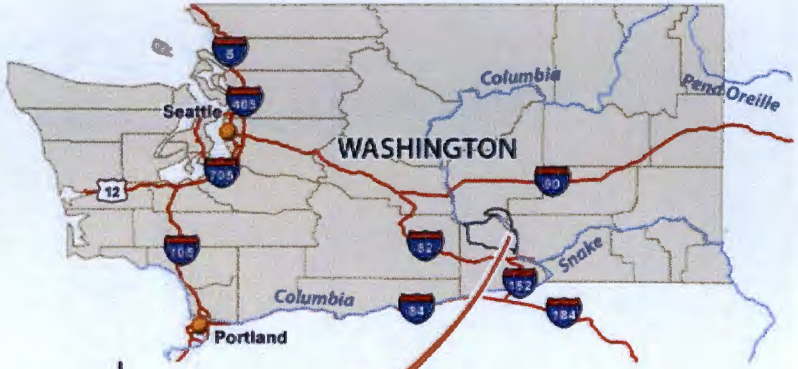


Figure 1

100-IU-6 OPERABLE UNIT
600-149 SMALL ARMS RANGE

Site Location Map

TerranearPMC

Date: April 21, 2011
Rev:
Drafted by: TPMC/rl

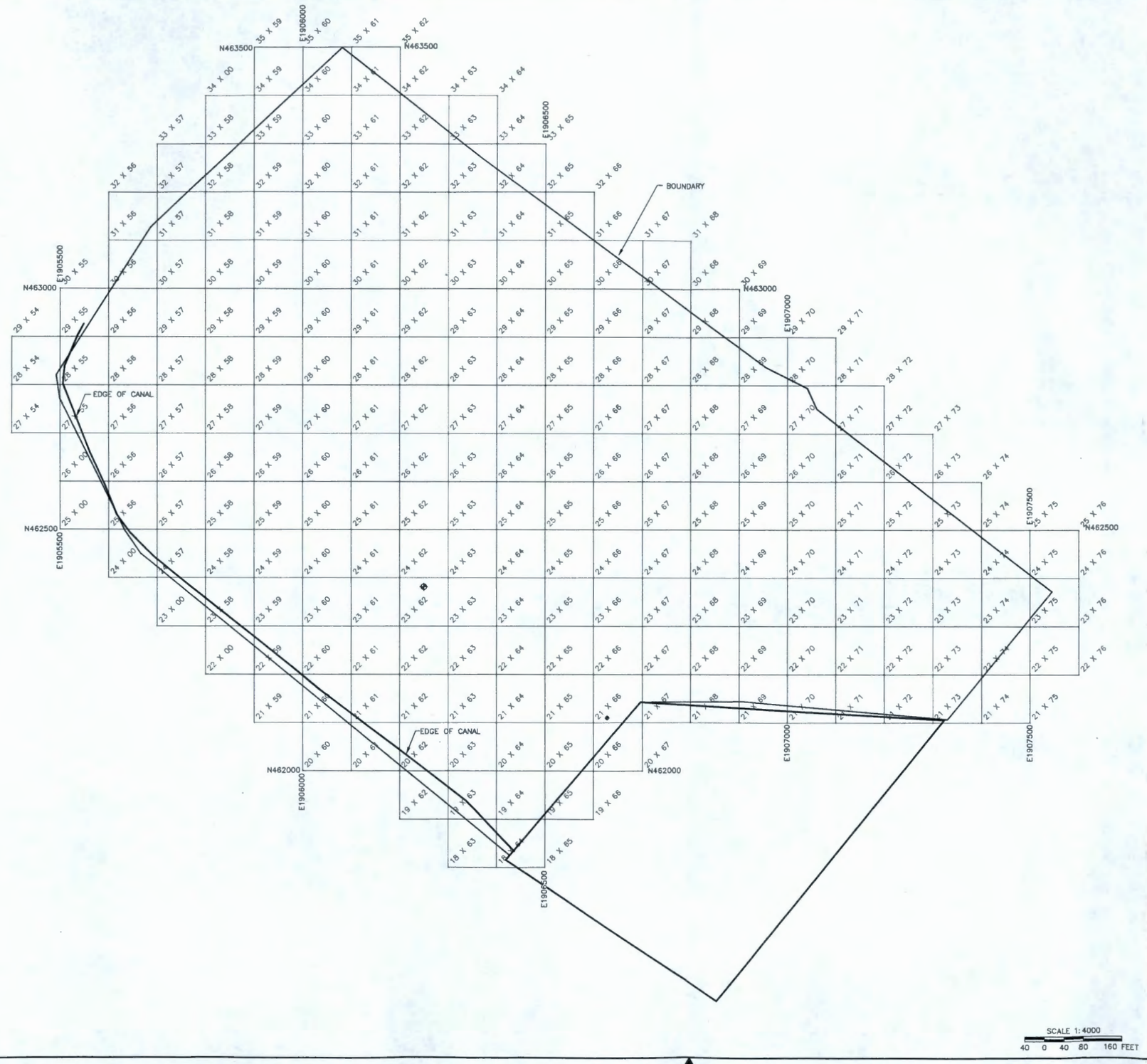
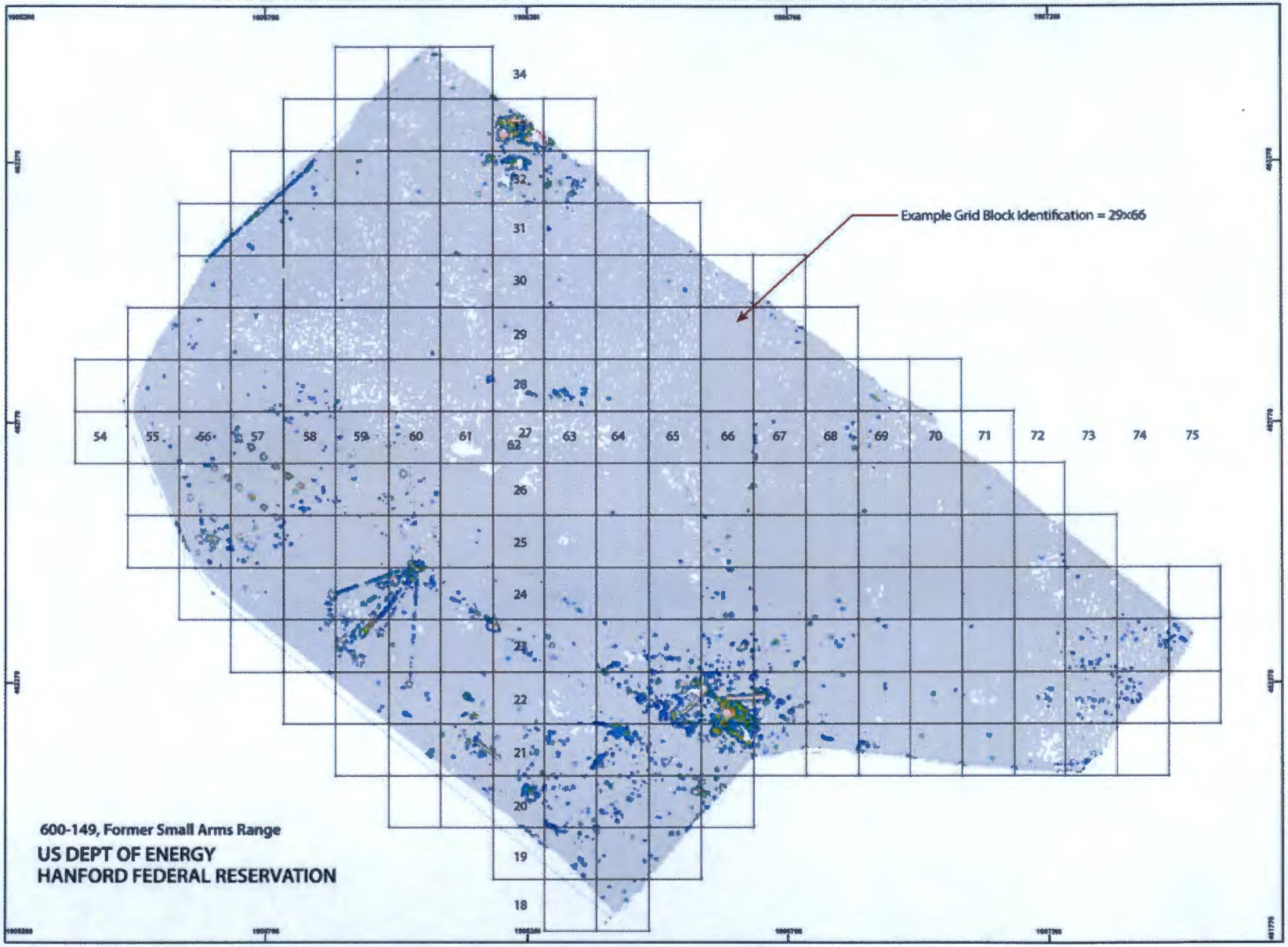


FIGURE 2
600-149 SITE - FORMER PISTOL RANGE
PRE-EXCAVATION GRID MAP

NOTES

1. GRID LINES ARE AT 100' INTERVALS.
2. COORDINATES ARE RELATIVE TO NAD 83/91, WASHINGTON SOUTH ZONE, UNLESS OTHERWISE SPECIFIED.
3. ALL UNITS ARE IN FEET.

TERRANEARPMC, LLC
RICHLAND, WASHINGTON



Index Map

MxN grid block, refer to index for actual block identification, 100'x100'

Survey area/background value

Low-responce anomaly

Mid-responce anomaly

High-responce anomaly

Note: responce is a continous function the above are just instances for ossual reference.

0 100 200 300 400

Feet

State Plane Coordinate System, Washington South Feet, NAD83

Figure 3

100-IU-6 OPERABLE UNIT

600-149 SMALL ARMS RANGE

Overall Survey Map

TerranearPMC

Date: April 21, 2011
Rev:
Drafted by: TPMC/H

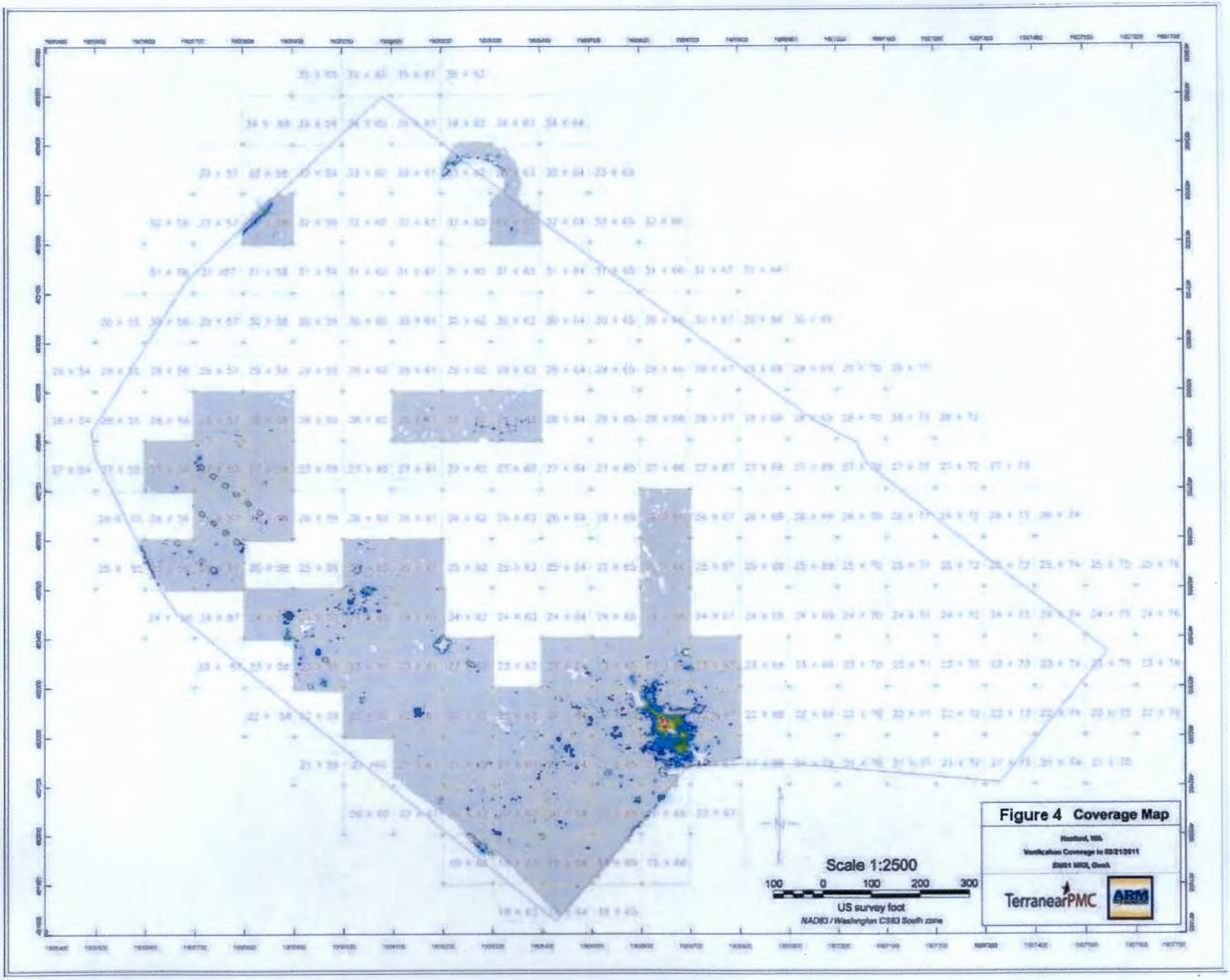


Figure 4 Coverage Map

Hanford, WA

Verification Coverage to 03/21/2011

EM61 MK2, GeoA

DRAWING NO.	REV. NO.
0600X-DD-C0803	0

PT #	NORTHING	EASTING	ELEVATION	CODE	REMARKS
2190	465976.80	1905505.23	432.92	CK	GPS CONTROL CHECK
2191	462689.05	1905672.67	422.57	EC1	CONCRETE PAD EDGE
2192	462686.13	1905670.46	422.58	EC1	CONCRETE PAD EDGE
2193	462691.30	1905663.78	422.58	EC1	CONCRETE PAD EDGE
2194	462694.16	1905666.12	422.55	EC1	CONCRETE PAD EDGE
2195	462672.77	1905687.27	422.47	EC2	CONCRETE PAD EDGE
2196	462667.49	1905693.90	422.49	EC2	CONCRETE PAD EDGE
2197	462670.42	1905696.19	422.48	EC2	CONCRETE PAD EDGE
2198	462675.70	1905689.61	422.45	EC2	CONCRETE PAD EDGE
2199	462656.70	1905713.54	422.53	EC3	CONCRETE PAD EDGE
2200	462651.65	1905719.67	422.48	EC3	CONCRETE PAD EDGE
2201	462648.82	1905717.37	422.51	EC3	CONCRETE PAD EDGE
2202	462654.02	1905710.81	422.54	EC3	CONCRETE PAD EDGE
2203	462635.45	1905734.28	422.45	EC4	CONCRETE PAD EDGE
2204	462638.29	1905736.67	422.44	EC4	CONCRETE PAD EDGE
2205	462633.12	1905743.23	422.46	EC4	CONCRETE PAD EDGE
2206	462629.60	1905740.89	422.46	EC4	CONCRETE PAD EDGE
2207	462611.93	1905763.84	422.52	EC5	CONCRETE PAD EDGE
2208	462614.41	1905766.59	422.52	EC5	CONCRETE PAD EDGE
2209	462619.60	1905760.01	422.57	EC5	CONCRETE PAD EDGE
2210	462616.68	1905757.79	422.57	EC5	CONCRETE PAD EDGE
2211	462598.08	1905781.23	422.45	EC6	CONCRETE PAD EDGE
2212	462601.17	1905783.71	422.46	EC6	CONCRETE PAD EDGE
2213	462595.73	1905790.24	422.47	EC6	CONCRETE PAD EDGE
2214	462592.72	1905787.84	422.45	EC6	CONCRETE PAD EDGE
2215	462539.70	1905738.94	422.53	ANGLE IRON	PART OF TARGET ASSEMBLY BASE
2216	462541.02	1905737.34	422.52	ANGLE IRON	PART OF TARGET ASSEMBLY BASE
2217	462557.72	1905715.72	422.45	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2218	462558.07	1905716.21	422.44	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2219	462558.99	1905715.44	422.44	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2220	462558.13	1905715.02	422.48	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2221	462595.34	1905669.54	422.35	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2222	462597.92	1905666.49	422.33	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2223	462596.57	1905665.38	422.37	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2224	462594.20	1905668.51	422.32	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2225	462615.86	1905643.98	422.47	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2226	462615.03	1905643.36	422.46	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2227	462615.56	1905642.45	422.45	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2228	462616.52	1905643.24	422.47	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2229	462632.14	1905621.81	422.50	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2230	462632.68	1905621.00	422.51	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2231	462633.65	1905621.58	422.51	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2232	462632.85	1905622.60	422.50	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2233	462584.93	1905589.72	423.86	DEEP ANOMALY	BACKFILL FOR CANAL CROSSING
2234	462744.87	1905717.03	422.54	EC7	CONCRETE PAD EDGE
2235	462750.03	1905710.46	422.52	EC7	CONCRETE PAD EDGE
2236	462753.08	1905712.70	422.47	EC7	CONCRETE PAD EDGE
2237	462747.81	1905719.41	422.47	EC7	CONCRETE PAD EDGE
2238	462734.36	1905736.24	422.51	EC8	CONCRETE PAD EDGE
2239	462731.52	1905733.86	422.47	EC8	CONCRETE PAD EDGE
2240	462725.96	1905740.76	422.51	EC8	CONCRETE PAD EDGE
2241	462729.13	1905742.81	422.60	EC8	CONCRETE PAD EDGE
2242	462715.63	1905759.77	422.53	EC9	CONCRETE PAD EDGE
2243	462712.73	1905757.29	422.44	EC9	CONCRETE PAD EDGE
2244	462707.55	1905764.09	422.51	EC9	CONCRETE PAD EDGE
2245	462710.53	1905766.36	422.53	EC9	CONCRETE PAD EDGE
2246	462697.06	1905783.23	422.52	EC10	CONCRETE PAD EDGE
2247	462694.17	1905781.02	422.52	EC10	CONCRETE PAD EDGE
2248	462688.96	1905787.47	422.52	EC10	CONCRETE PAD EDGE
2249	462691.88	1905789.72	422.54	EC10	CONCRETE PAD EDGE
2250	462678.38	1905807.07	422.66	EC11	CONCRETE PAD EDGE
2251	462675.51	1905804.48	422.65	EC11	CONCRETE PAD EDGE
2252	462670.27	1905811.02	422.62	EC11	CONCRETE PAD EDGE
2253	462673.14	1905813.27	422.66	EC11	CONCRETE PAD EDGE
2254	462659.82	1905830.87	422.56	EC12	CONCRETE PAD EDGE
2255	462656.84	1905828.00	422.61	EC12	CONCRETE PAD EDGE
2256	462651.66	1905834.58	422.57	EC12	CONCRETE PAD EDGE
2257	462654.33	1905836.66	422.56	EC12	CONCRETE PAD EDGE
2258	462717.93	1905843.66	422.43	DEBRIS WOOD PILE	CENTER MASS OF DEBRIS PILE
2259	462539.53	1906027.07	419.36	DEBRIS CONC	CENTER MASS OF DEBRIS PILE
2260	462504.91	1906046.49	419.06	EC13	CONCRETE PAD EDGE
2261	462499.57	1906053.28	419.08	EC13	CONCRETE PAD EDGE
2262	462494.01	1906054.40	419.03	EC13	CONCRETE PAD EDGE
2263	462497.03	1906056.55	418.89	EC13	CONCRETE PAD EDGE
2264	462502.01	1906043.89	419.07	EC13	CONCRETE PAD EDGE
2265	462548.39	1905969.61	419.40	DEBRIS WOOD PILE	CENTER MASS OF DEBRIS PILE
2266	462447.66	1905894.15	420.26	EC20	CONCRETE PAD EDGE
2267	462444.82	1905893.77	420.36	EC20	CONCRETE PAD EDGE
2268	462445.22	1905891.36	420.23	EC20	CONCRETE PAD EDGE
2269	462447.98	1905892.07	420.10	EC20	CONCRETE PAD EDGE
2270	462402.21	1905886.36	420.21	EC21	CONCRETE PAD EDGE
2271	462399.41	1905886.24	420.30	EC21	CONCRETE PAD EDGE
2272	462400.03	1905884.28	420.04	EC21	CONCRETE PAD EDGE
2273	462402.59	1905884.28	420.10	EC21	CONCRETE PAD EDGE
2274	462417.87	1905920.18	419.47	DEBRIS CONC	CONCRETE BASE BLOCK
2275	462330.34	1905868.44	424.61	DEBRIS CONC	CONCRETE BASE BLOCKS
2276	462303.52	1905932.97	422.13	DEBRIS CONC	CONCRETE BASE BLOCK
2277	462314.60	1905960.47	421.07	DEBRIS WOOD PILE	CENTER MASS OF DEBRIS PILE
2278	462356.92	1905965.40	419.62	DEBRIS WOOD PILE	CENTER MASS OF DEBRIS PILE
2279	462358.51	1905961.62	419.81	DEBRIS CONC	CONCRETE BASE BLOCK
2280	462275.33	1906037.75	420.96	EC22	CONCRETE PAD EDGE
2281	462277.56	1906037.78	420.88	EC22	CONCRETE PAD EDGE
2282	462277.22	1906039.81	420.98	EC22	CONCRETE PAD EDGE
2283	462275.31	1906039.81	421.00	EC22	CONCRETE PAD EDGE
2284	462128.63	1906056.73	426.78	COLLECTION	PTBOX LOCATION
2285	462065.89	1906192.67	425.17	DEBRIS BWIRE REM	WIRE REMAINS RUNNING AT OR JUST BELOW GRADE
2286	462072.66	1906196.05	422.62	DEBRIS BWIRE REM	WIRE REMAINS RUNNING AT OR JUST BELOW GRADE
2287	462171.93	1906206.83	417.52	ANOMALY	
2288	462328.39	1906312.98	417.16	DEBRIS	REBAR1
2289	462346.19	1906260.87	417.44	DEBRIS	PIPE
2290	462352.88	1906251.48	417.58	DEBRIS	PIPE
2291	462381.53	1906249.59	418.57	DEBRIS REBAR	IRON REBAR SURVEY CONTROL POINT
2292	462392.51	1906213.05	418.70	EXZ1	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2293	462402.05	1906202.36	418.65	EXZ1	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2294	462387.22	1906186.03	418.74	EXZ1	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2295	462374.94	1906198.64	418.56	EXZ1	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2296	461964.78	1906295.52	425.57	DEBRIS	CONC\REBAR
2297	461979.53	1906278.46	425.58	DEBRIS	CONC\REBAR
2298	461987.58	1906263.62	426.32	DEBRIS	CONC\REBAR
2299	461993.93	1906257.08	426.77	DEBRIS	CONC\REBAR
2300	461997.95	1906252.51	425.53	DEBRIS	CONC\REBAR
2301	462061.26	1906638.04	416.01	DEBRIS	WOODPILE
2302	462074.14	1906637.54	416.15	DEEP ANOMALY	
2303	462069.17	1906593.03	415.79	DEEP ANOMALY	BARRELS
2304	462128.38	1906641.72	416.49	EXZ2	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2305	462132.68	1906642.26	416.51	EXZ2	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2306	462131.96	1906654.71	416.53	EXZ2	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2307	462127.99	1906654.14	416.60	EXZ2	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2308	462125.26	1906666.39	416.09	DEBRIS	TIMBERPILE
2309	462144.73	1906721.79	416.20	EXZ3	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2310	462147.63	1906731.07	416.00	EXZ3	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2311	462179.68	1906704.77	416.48	EXZ3	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2312	462175.41	1906694.82	416.70	EXZ3	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2313	462207.20	1906667.61	416.02	EXZ4	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2314	462208.96	1906668.80	416.14	EXZ4	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2315	462214.56	1906658.51	416.11	EXZ4	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2316	462213.14	1906656.68	415.91	EXZ4	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2317	462203.89	1906648.87	416.08	DEBRIS	CONC PILE
2318	462252.54	1906651.29	416.26	EXZ5	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2319	462260.45	1906654.66	416.55	EXZ5	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2320	462261.52	1906652.45	416.58	EXZ5	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2321	462254.25	1906649.19	416.58	EXZ5	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2322	462259.90	1906591.56	417.50	EXZ6	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2323	462266.11	1906596.94	417.05	EXZ6	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2324	462271.94	1906588.45	417.67	EXZ6	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2325	462268.47	1906603.64	417.38	WELL 57-29A	
2326	462267.05	1906608.31	417.57	EC30	CONCRETE PAD EDGE
2327	462271.33	1906603.00	417.67	EC30	CONCRETE PAD EDGE
2328	462264.40	1906597.69	417.50	EC30	CONCRETE PAD EDGE
2329	462260.34	1906603.08	417.52	EC30	CONCRETE PAD EDGE
2330	462282.40	1906617.89	417.45	WELL 57-29B	
2331	462273.58	1906600.26	417.78	DEBRIS	CONC-NAILS
2332	462286.42	1906581.52	417.17	DEBRIS	MIXED
2333	462326.79	1906640.46	416.69	DEBRIS	CONC
2334	462368.59	1906690.93	415.89	DEBRIS	CONC
2335	463090.97	1905653.52	424.21	DEBRIS BWIRE REM	WIRE REMAINS RUNNING AT OR JUST BELOW GRADE
2336	463097.24	1905659.09	424.15	DEBRIS BWIRE REM	WIRE REMAINS RUNNING AT OR JUST BELOW GRADE
2337	463117.27	1905680.54	423.51	DEBRIS BWIRE REM	WIRE REMAINS RUNNING AT OR JUST BELOW GRADE
2338	463124.19	1905686.45	423.79	DEBRIS BWIRE REM	WIRE REMAINS RUNNING AT OR JUST BELOW GRADE
2339	463129.27	1905692.57	424.38	DEBRIS BWIRE REM	WIRE REMAINS RUNNING AT OR JUST BELOW GRADE
2340	463134.64	1905697.54	424.40	DEBRIS BWIRE REM	WIRE REMAINS RUNNING AT OR JUST BELOW GRADE
2341	463303.61	1905866.53	427.63	DEBRIS WIRE PILE	FENCE WIRE PILE
2342	463279.78	1906192.53	414.66	EXZ7	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2343	463333.33	1906205.96	415.48	EXZ7	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2344	463373.53	1906244.79	414.57	EXZ7	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2345	463367.06	1906291.41	416.41	EXZ7	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2346	463349.67	1906322.20	419.16	EXZ7	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2347	463315.86	1906329.46	418.80	EXZ7	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2348	463280.25	1906296.76	416.17	EXZ7	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2349	463260.31	1906256.00	415.52	EXZ7	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2350	463256.76	1906222.68	415.51	EXZ7	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)

SURVEYOR'S CERTIFICATION

I, JOHN A. BAALMAN, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF WASHINGTON, REG.# 21384, HEREBY CERTIFY THAT THIS MAP CORRECTLY REPRESENTS A SURVEY CONDUCTED UNDER MY SUPERVISION IN MARCH 2011.

DATE

River Corridor Closure Contract
Dedicated To Safety Excellence

RECORD INFORMATION

RECORD NO.	BLDG NO.	INDEX NO.
H-6-17477 SHT01	600X	0111

NOTES

1. THIS SURVEY WAS PERFORMED MARCH 21, 2011. SITE CONTROL SET USING TRIMBLE 5700 GPS RECEIVERS, TOPOGRAPHIC INFORMATION COLLECTED USING LEICA TPS TOTAL STATION THEODOLITE AND RANGER TDS DATA COLLECTOR.
2. COORDINATES ARE RELATIVE TO NAD 83/91, WASHINGTON SOUTH ZONE.
3. ELEVATIONS ARE RELATIVE TO NAVD 88 DATUM ORIGINATING FROM MONUMENT HSWB 010. (ELEVATION=416.87)
4. ALL UNITS ARE IN FEET.

REV.	DATE	DESCRIPTION	DRAWN BY	DRAFT CK'R	ORIG/ ENG'R	ENG'R CK'R	SYS ENG'R	PROJ MGR
0		ISSUED AS-BUILT						

SCALE: AS SHOWN

U.S. DEPARTMENT OF ENERGY
DOE RICHLAND OPERATIONS OFFICE
RIVER CORRIDOR CLOSURE CONTRACT

WASHINGTON CLOSURE HANFORD LLC. RICHLAND, WASHINGTON

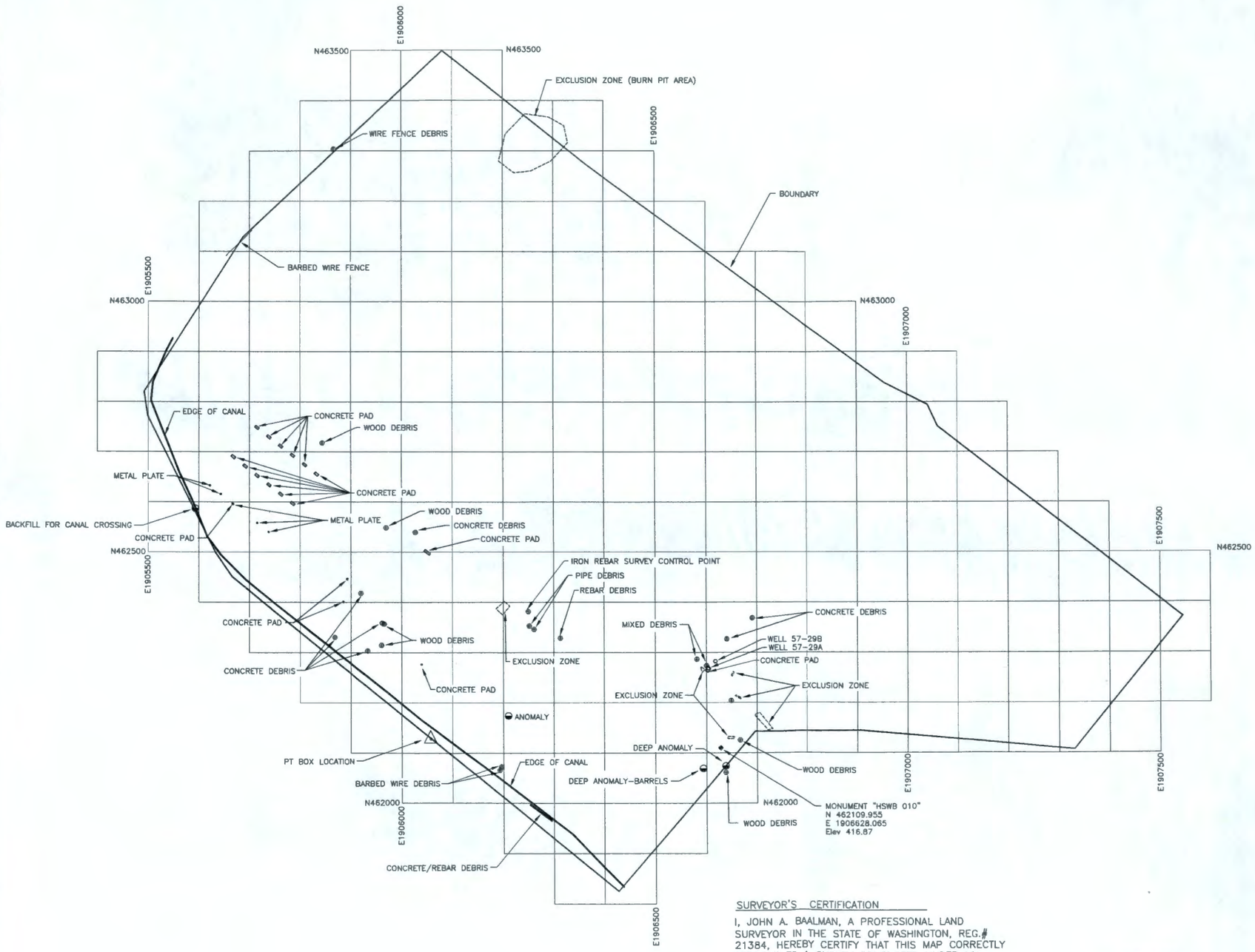
TERRANEARPMC, LLC RICHLAND, WASHINGTON

600-149 SITE
FORMER PISTOL RANGE
POST REMEDIATION FEATURE TABLE

WCH JOB NO.	DOE CONTRACT NO.	CADD FILENAME
14655	DE-AC06-05RL-14655	6XDC0803.DWG

TASK	DRAWING NO.	REV. NO.
600X	0600X-DD-C0803	0

DRAWING NO.	REV. NO.
0600X-DD-C0804	0



NOTES

1. THIS SURVEY WAS PERFORMED MARCH 21, 2011. SITE CONTROL SET USING TRIMBLE 5700 GPS RECEIVERS, TOPOGRAPHIC INFORMATION COLLECTED USING LEICA TPS TOTAL STATION THEODOLITE AND RANGER TDS DATA COLLECTOR.
2. COORDINATES ARE RELATIVE TO NAD 83/91, WASHINGTON SOUTH ZONE.
3. ELEVATIONS ARE RELATIVE TO NAVD 88 DATUM ORIGINATING FROM MONUMENT HSWB 010. (ELEVATION=416.87)
4. GRID LINES ARE AT 100' INTERVALS.
5. ALL UNITS ARE IN FEET.
6. SEE NARRATIVE BELOW.

SURVEYOR'S NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO DOCUMENT THE LOCATION OF DEBRIS PILES, ANOMALIES AND OTHER SITE FEATURES AT THE CONCLUSION OF REMEDIATION ACTIVITIES.

SURVEYOR'S CERTIFICATION

I, JOHN A. BAALMAN, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF WASHINGTON, REG.# 21384, HEREBY CERTIFY THAT THIS MAP CORRECTLY REPRESENTS A SURVEY CONDUCTED UNDER MY SUPERVISION IN MARCH 2011.

DATE

SCALE 1:4000

40 0 40 80 160 FEET

REV.	DATE	DESCRIPTION	DRAWN BY	DRAFT CH'K	ORIG/ ENG'R	ENG'R CH'K	SYS ENG'R	PROJ MGR
0		ISSUED AS-BUILT						

SCALE: AS SHOWN

U.S. DEPARTMENT OF ENERGY

DOE RICHLAND OPERATIONS OFFICE
RIVER CORRIDOR CLOSURE CONTRACT

WASHINGTON CLOSURE HANFORD LLC. RICHLAND, WASHINGTON

TERRANEARPMC, LLC RICHLAND, WASHINGTON

600-149 SITE
FORMER PISTOL RANGE
POST REMEDIATION FEATURE MAP

WCH JOB NO.	DOE CONTRACT NO.	CADD FILENAME
14655	DE-AC06-05RL-14655	6XDC0804.DWG

TASK	DRAWING NO.	REV. NO.
600X	0600X-DD-C0804	0

RECORD INFORMATION

RECORD NO.	BLDG. NO.	INDEX NO.
H-6-17478 SHT01	600X	0111

River Corridor Closure Contract
Dedicated To Safety Excellence

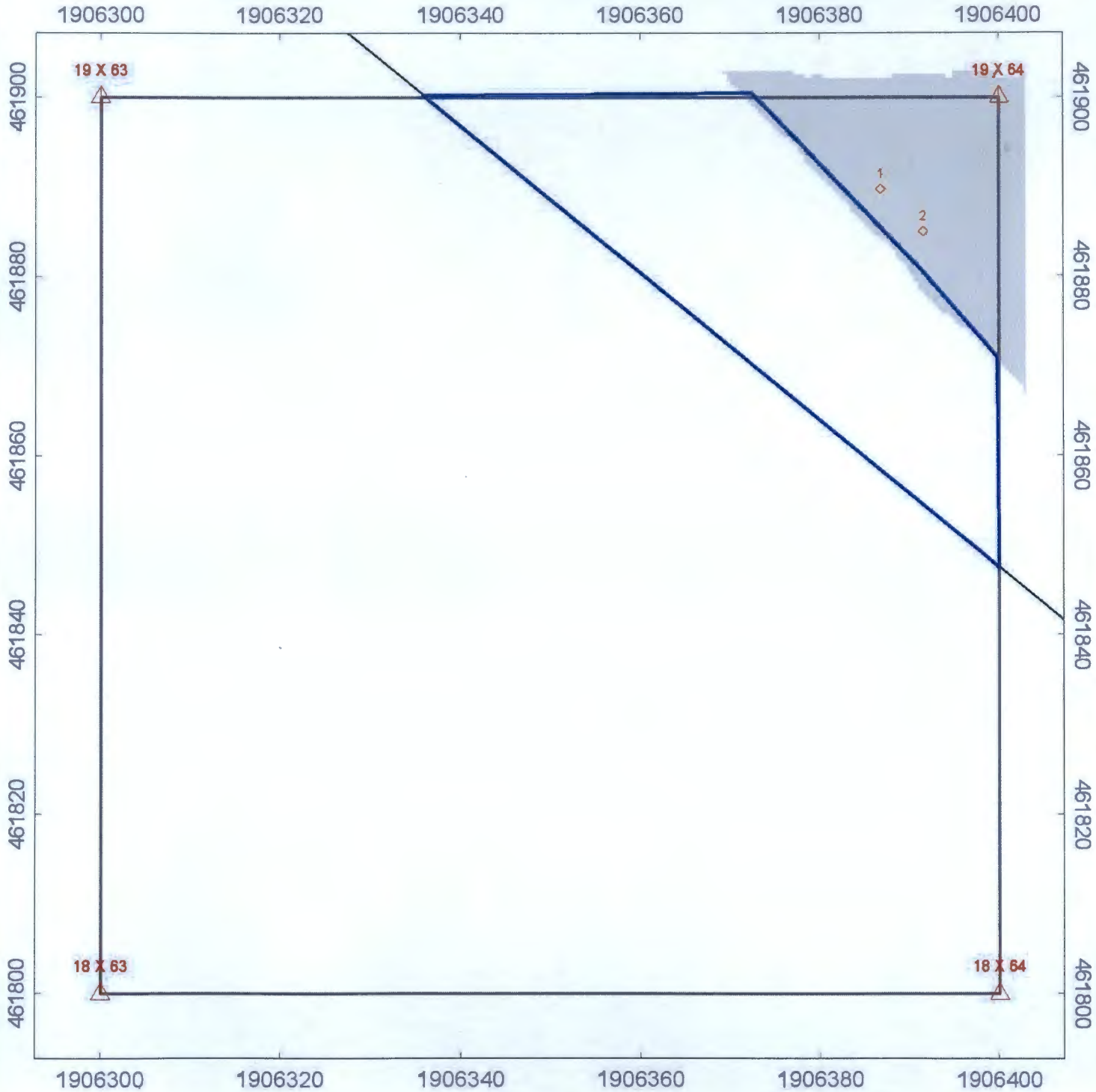


Figure 6 GRID 18X63V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

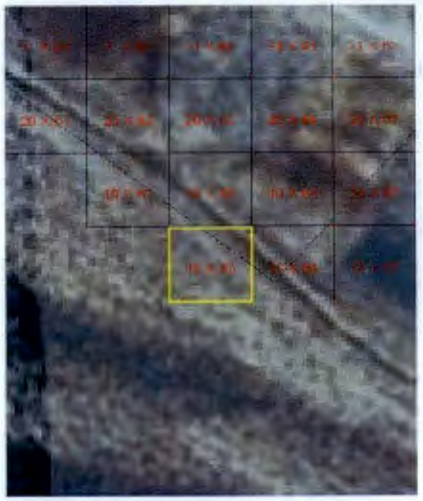
Former Hanford Small Arms Range
Hanford. WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-17-2011	File:	18X63V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

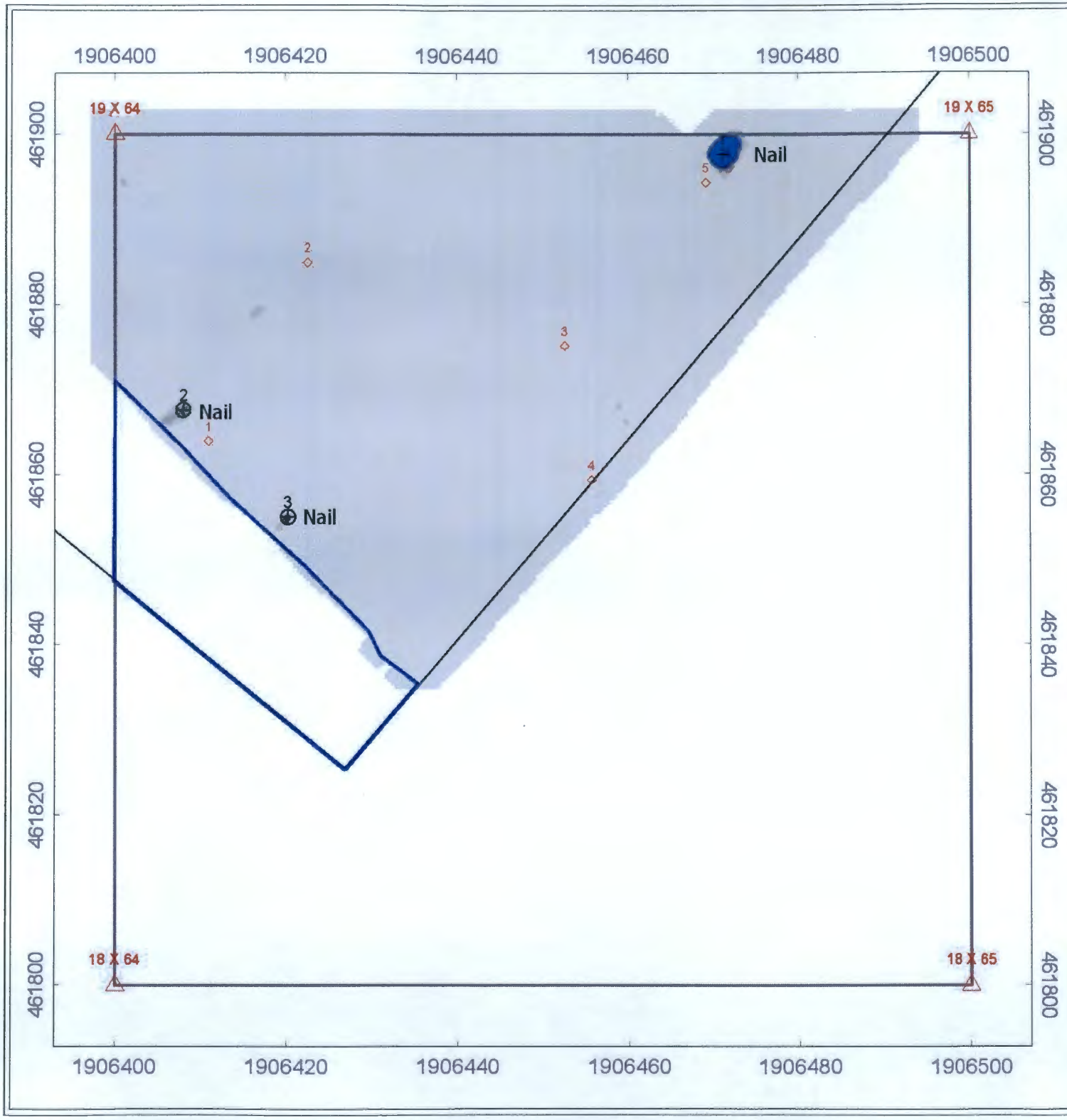


Figure 7 GRID 18X64V

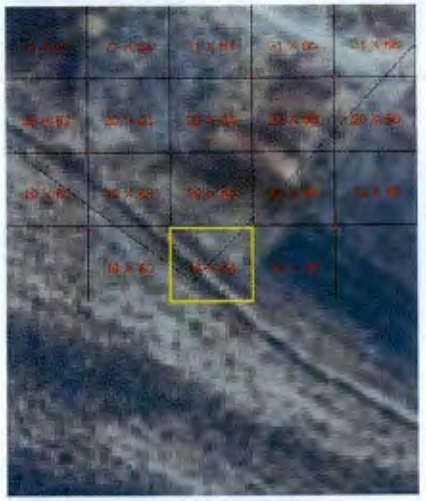
Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 25 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-17-2011	File:	18X64V
Coordinate System:	NAD83 WA Sth State Plane Feet		

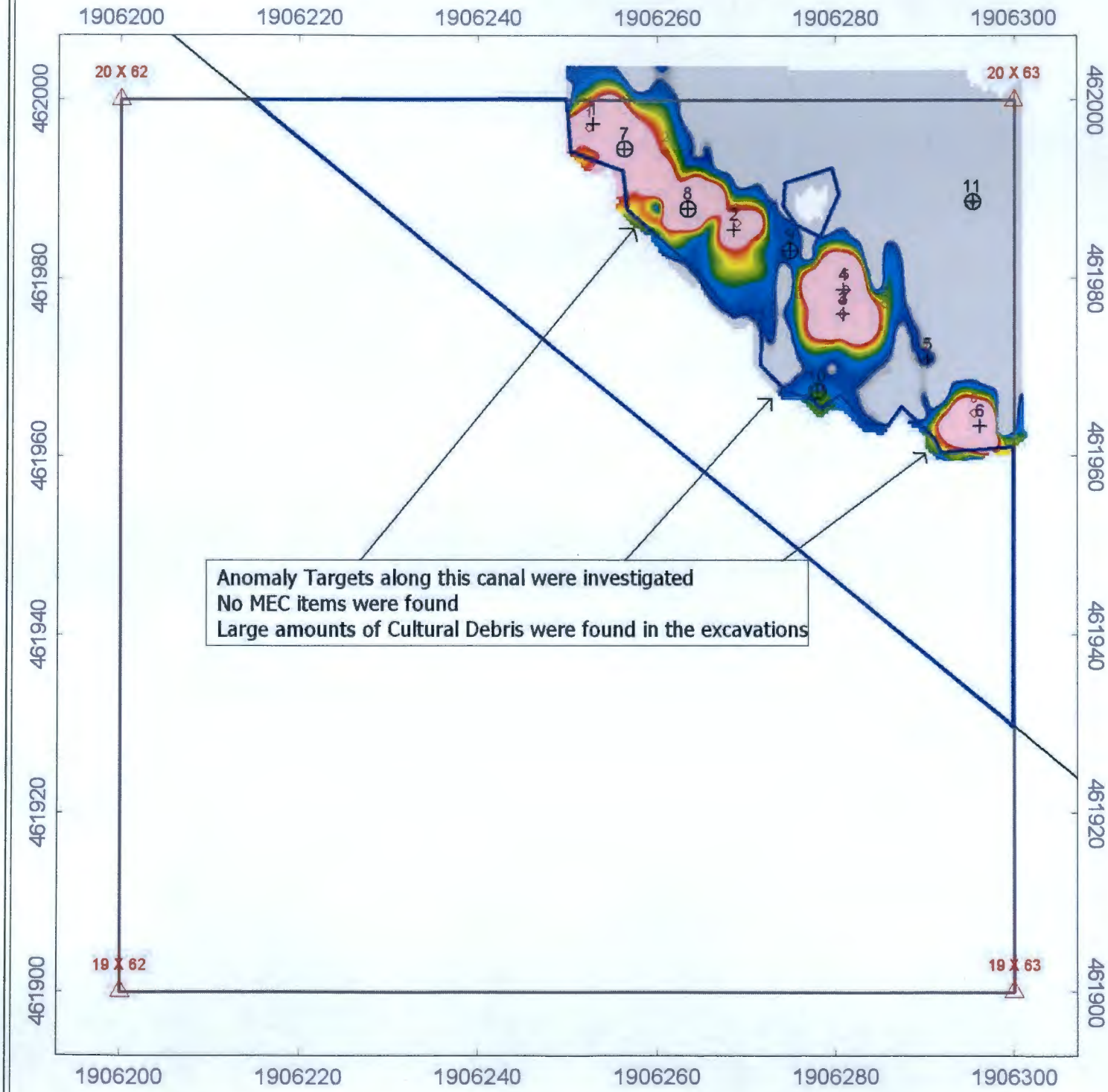
TerranearPMC

ARM GEOPHYSICS

Figure 8 GRID 19X62V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford. WA

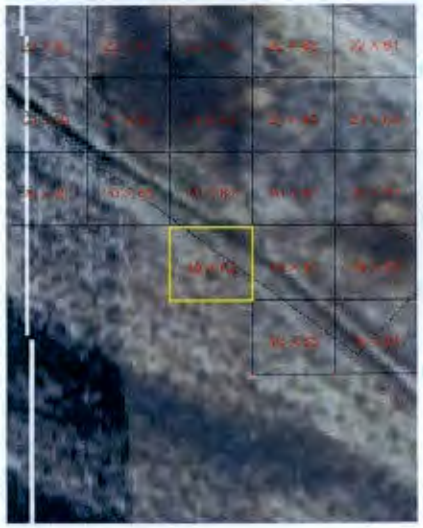


Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-17-2011	File:	19X62V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

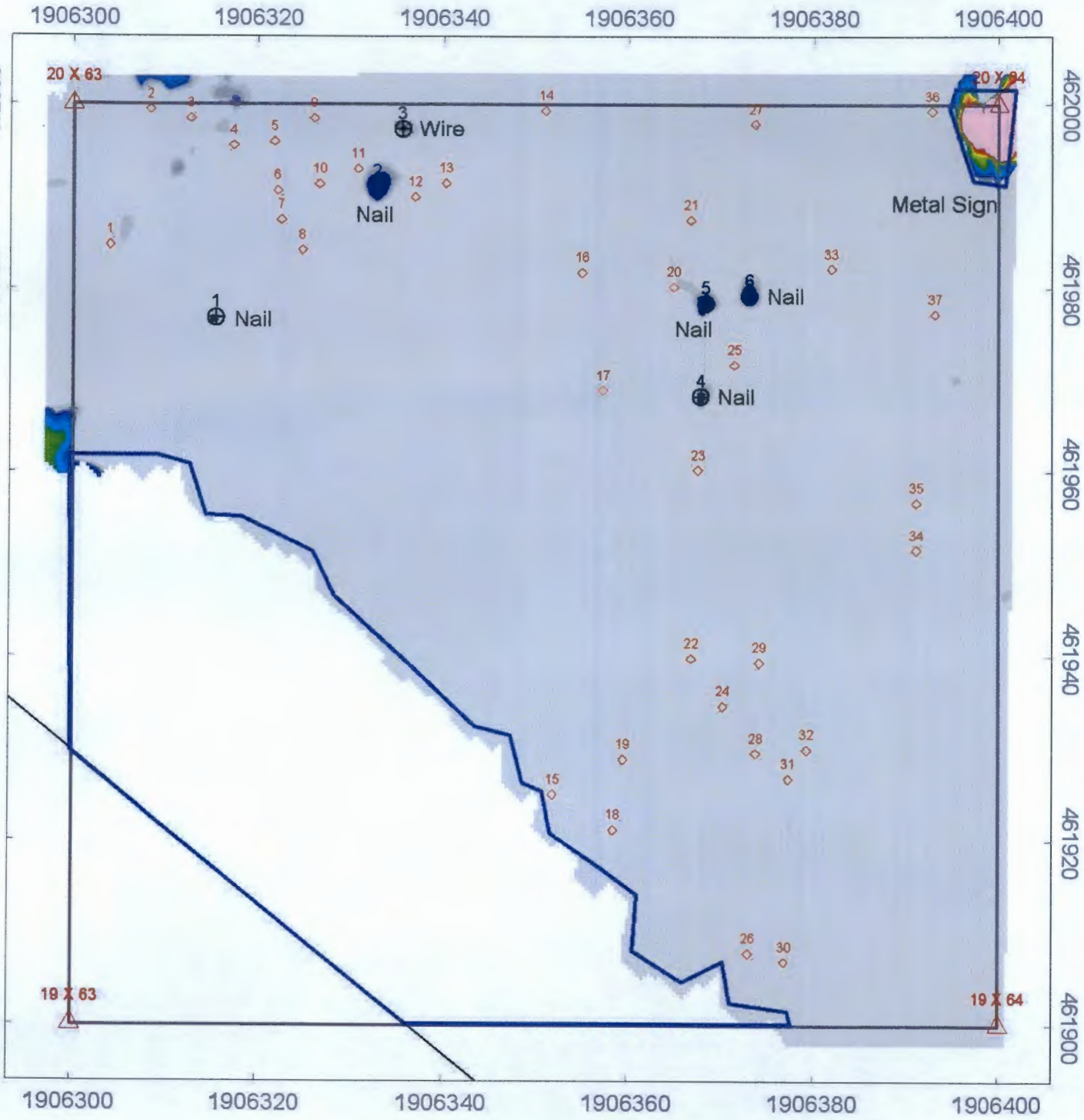


Figure 9 GRID 19X63V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

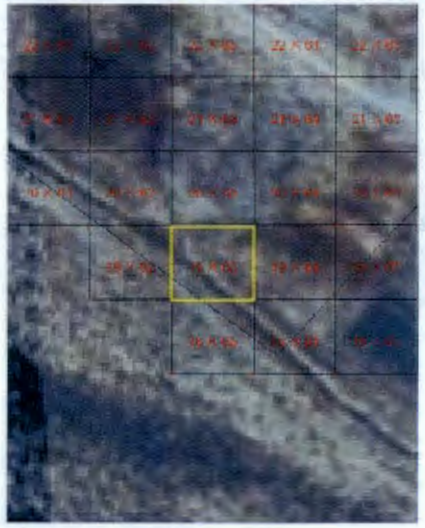
Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-17-2011	File:	19X63V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

Figure 10 GRID 19X64V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

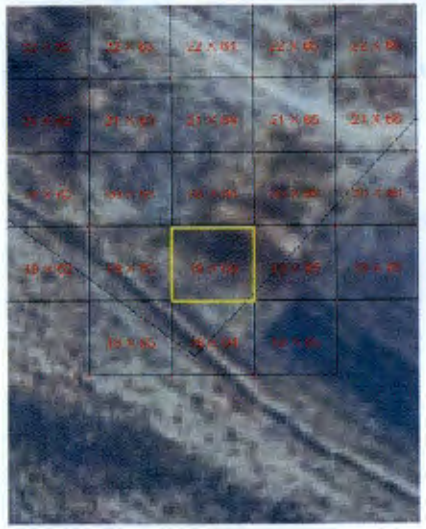
Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-17-2011	File:	19X64V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

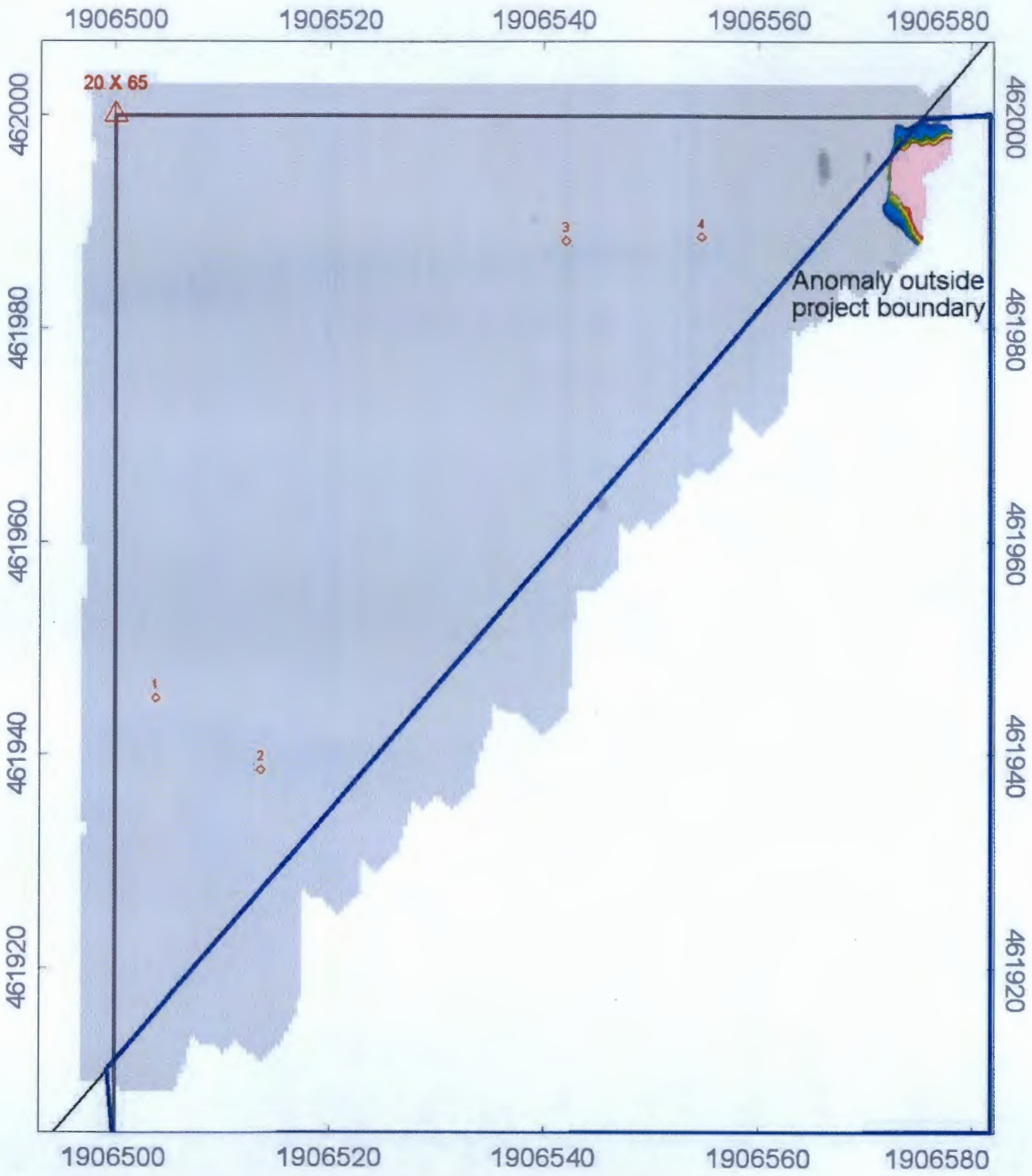


Figure 11 GRID 19X65V

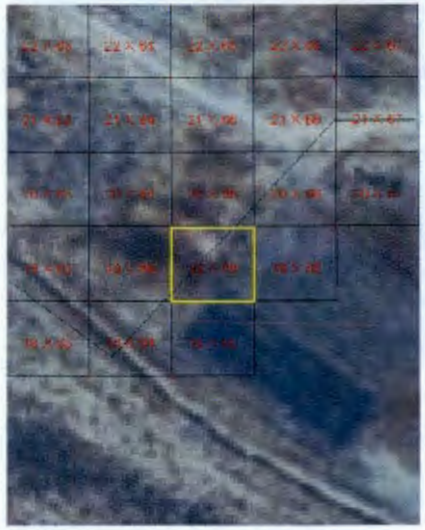
Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford. WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-17-2011	File:	19X65V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

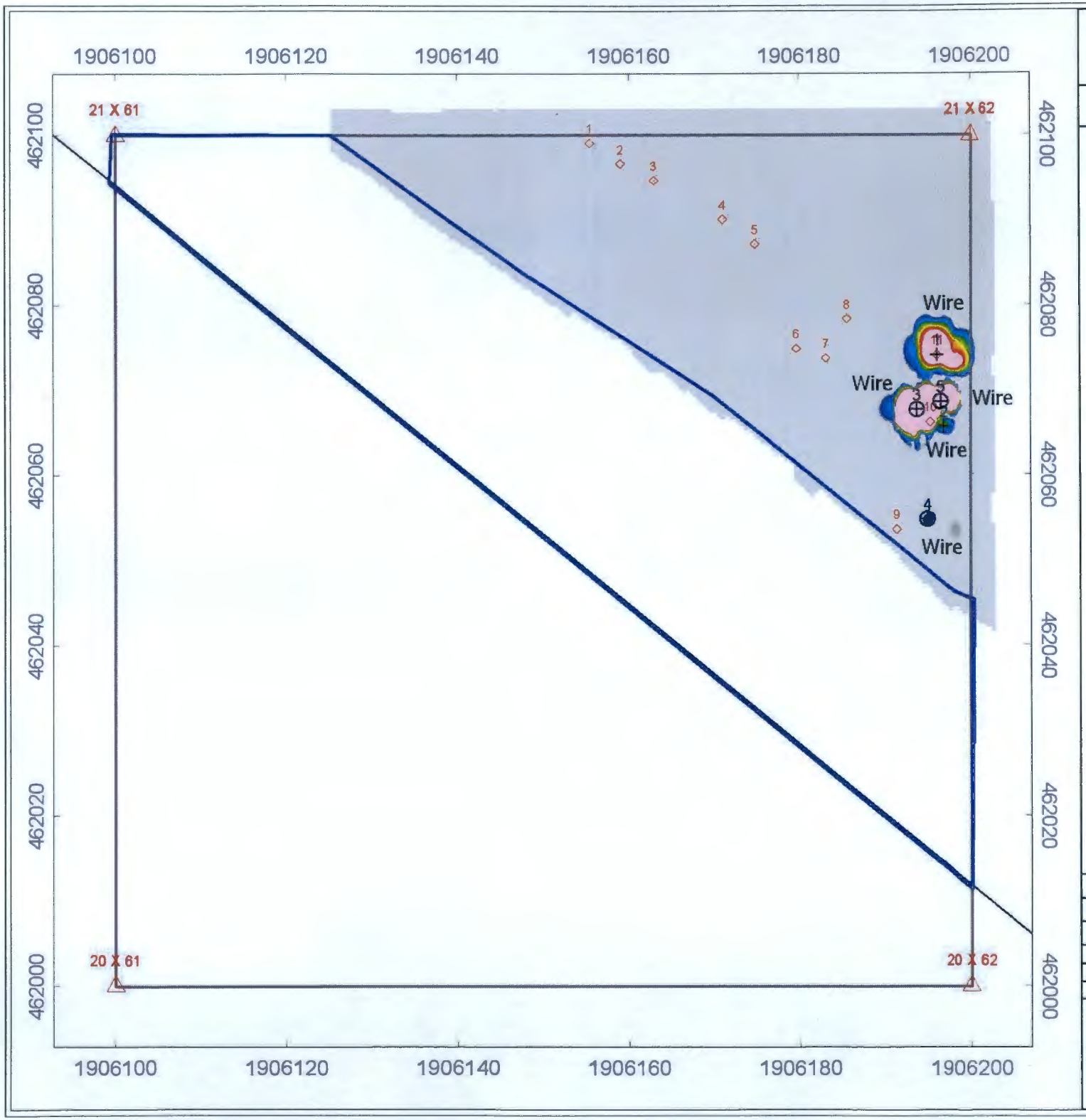


Figure 12 GRID 20X61V

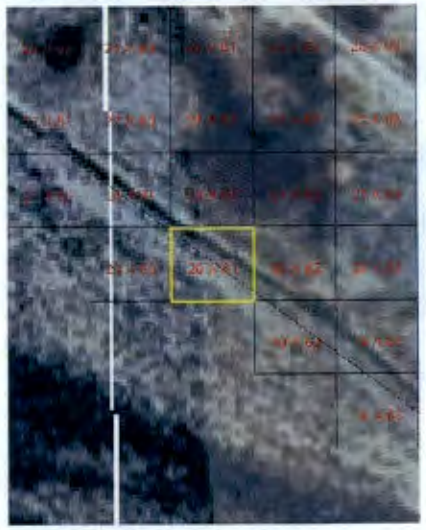
Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford. WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics
Created By: IDW	Verified By: IDW
Date: Mar-16-2011	File: 20X61V
Coordinate System:	NAD83 WA Sth State Plane Feet

TerranearPMC

ARM GEOPHYSICS

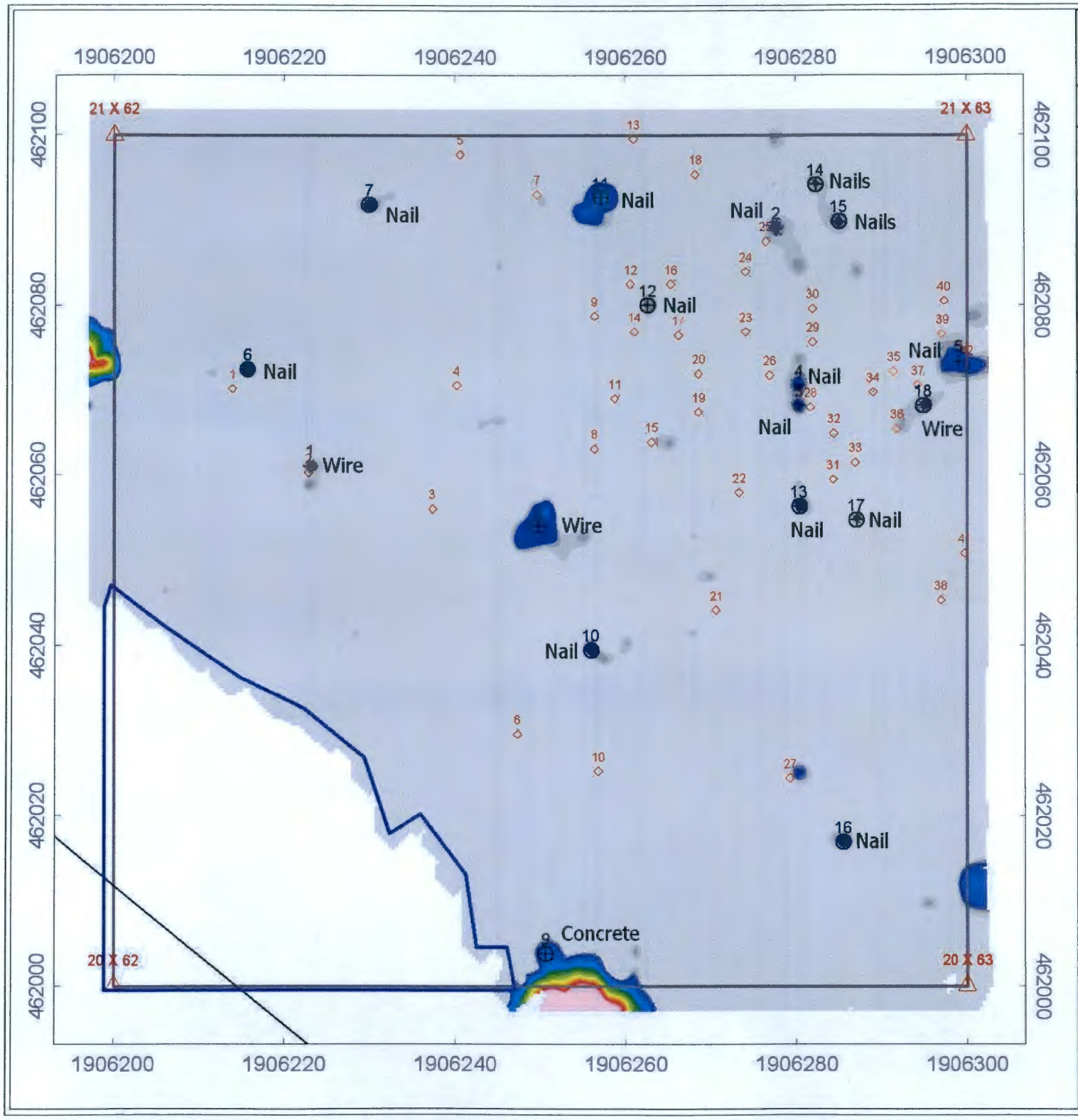


Figure 13 GRID 20X62V

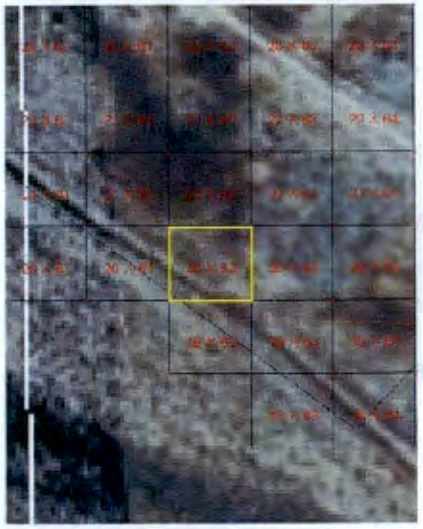
Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-16-2011	File:	20X62V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

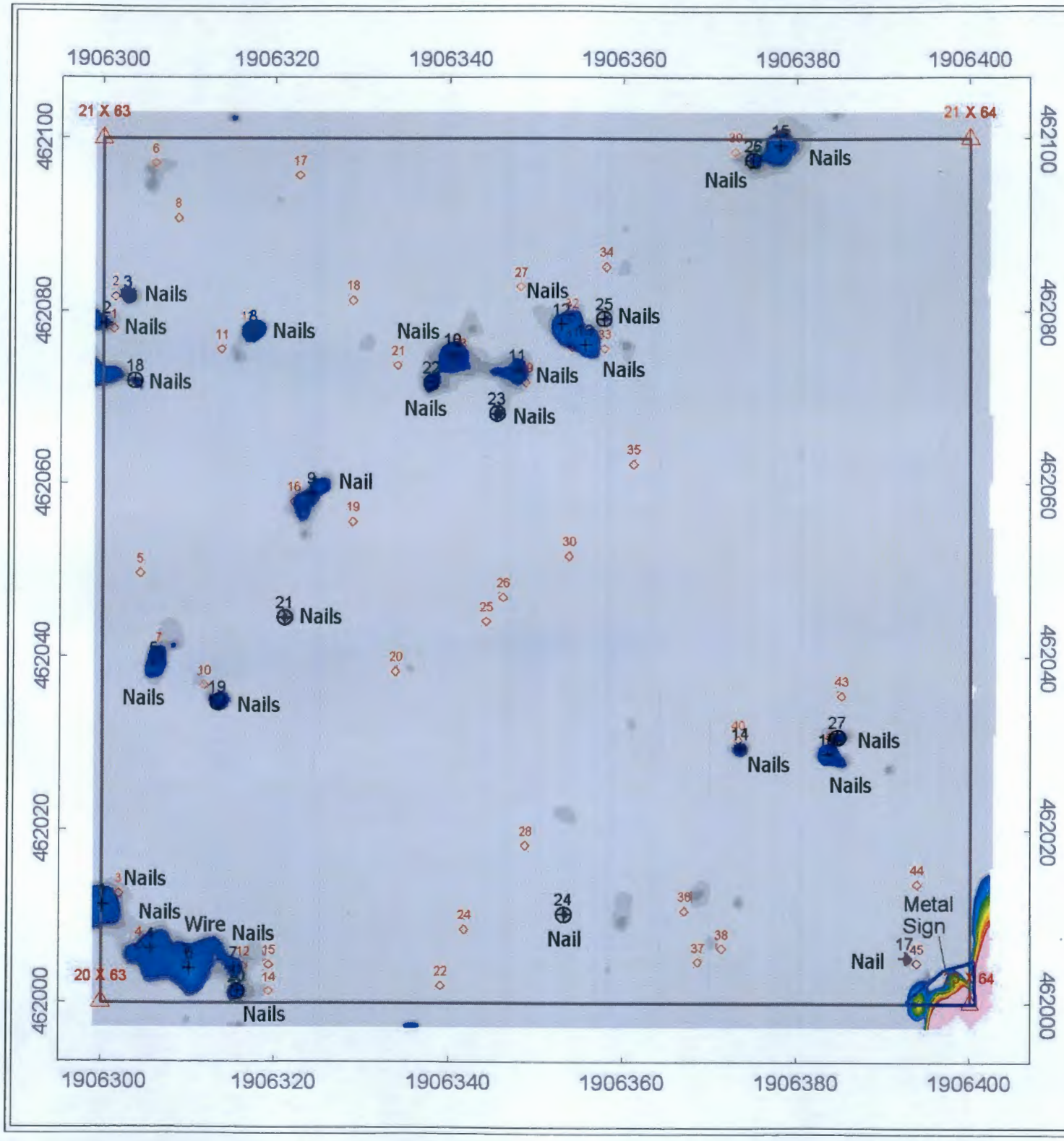


Figure 14 GRID 20X63V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

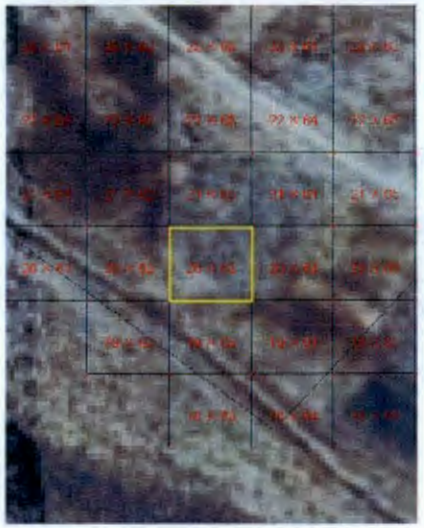
Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics
Created By: IDW	Verified By: IDW
Date: Mar-17-2011	File: 20X63V
Coordinate System:	NAD83 WA Sth State Plane Feet

TerranearPMC

ARM GEOPHYSICS

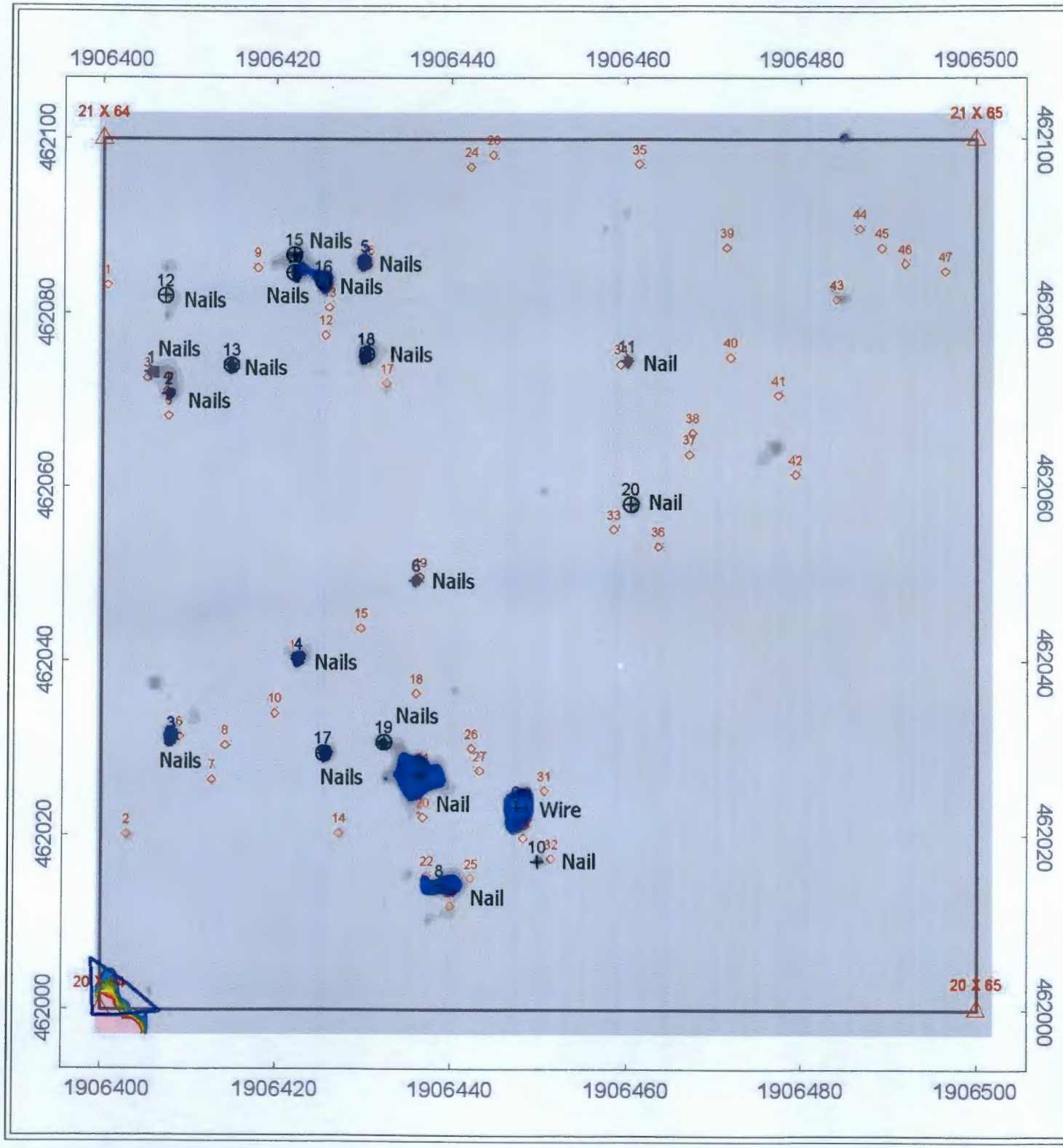


Figure 15 GRID 20X64V

Verification Survey and Reacquisition Results

GPS Positioned Single Coil EM61

Former Hanford Small Arms Range

Hanford, WA

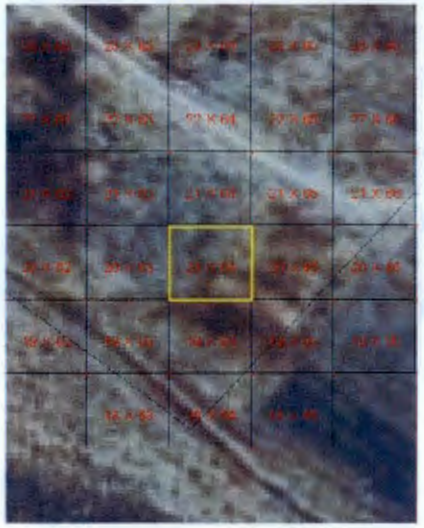
Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)

mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-17-2011	File:	20X64V
Coordinate System:	NAD83 WA Sth State Plane Feet		

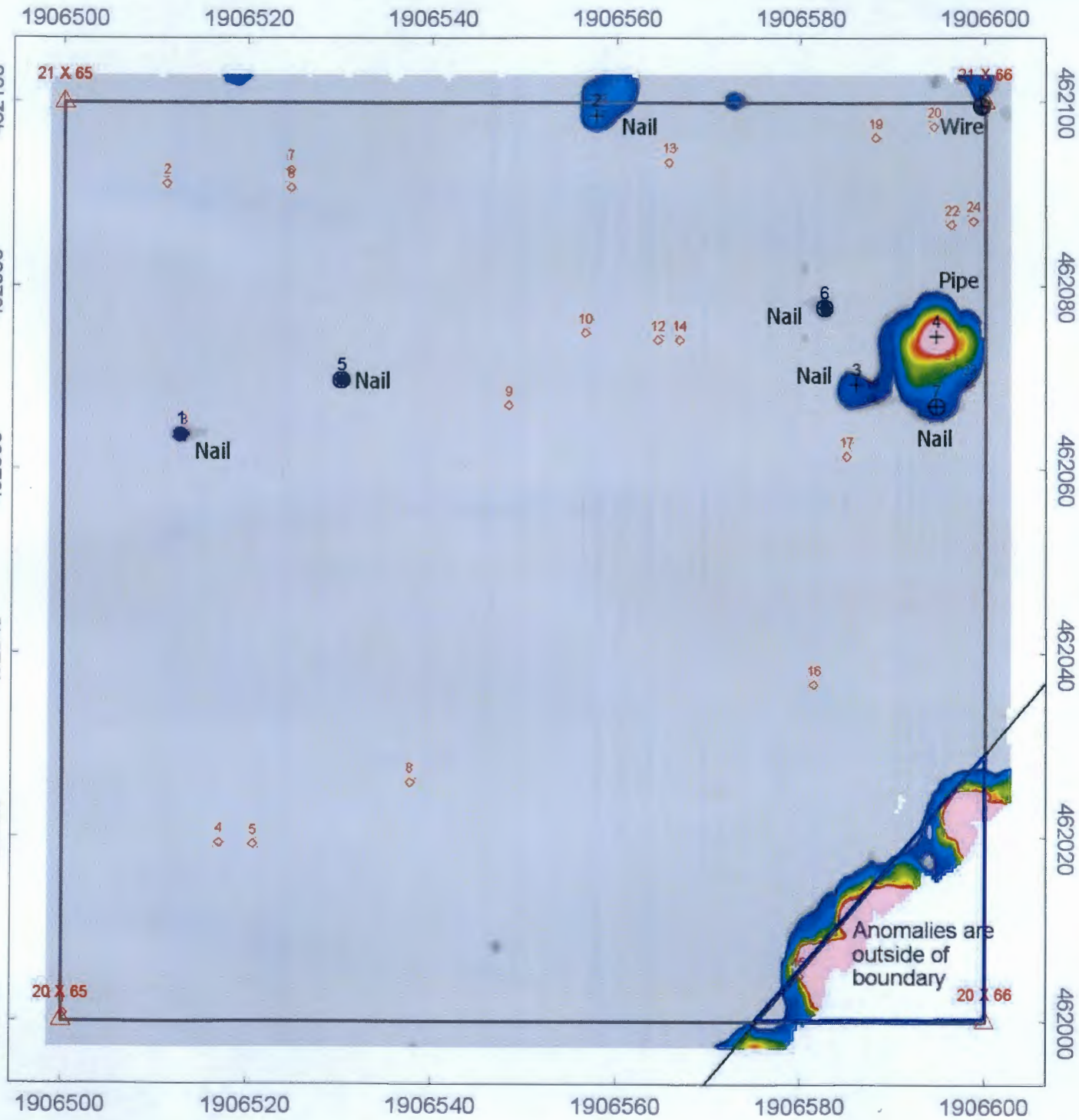
TerranearPMC

ARM GEOPHYSICS

Figure 16 GRID 20X65V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

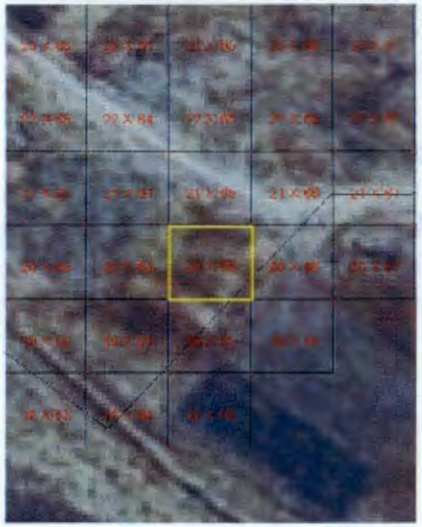
Former Hanford Small Arms Range
Hanford, WA



Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-17-2011	File:	20X65V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

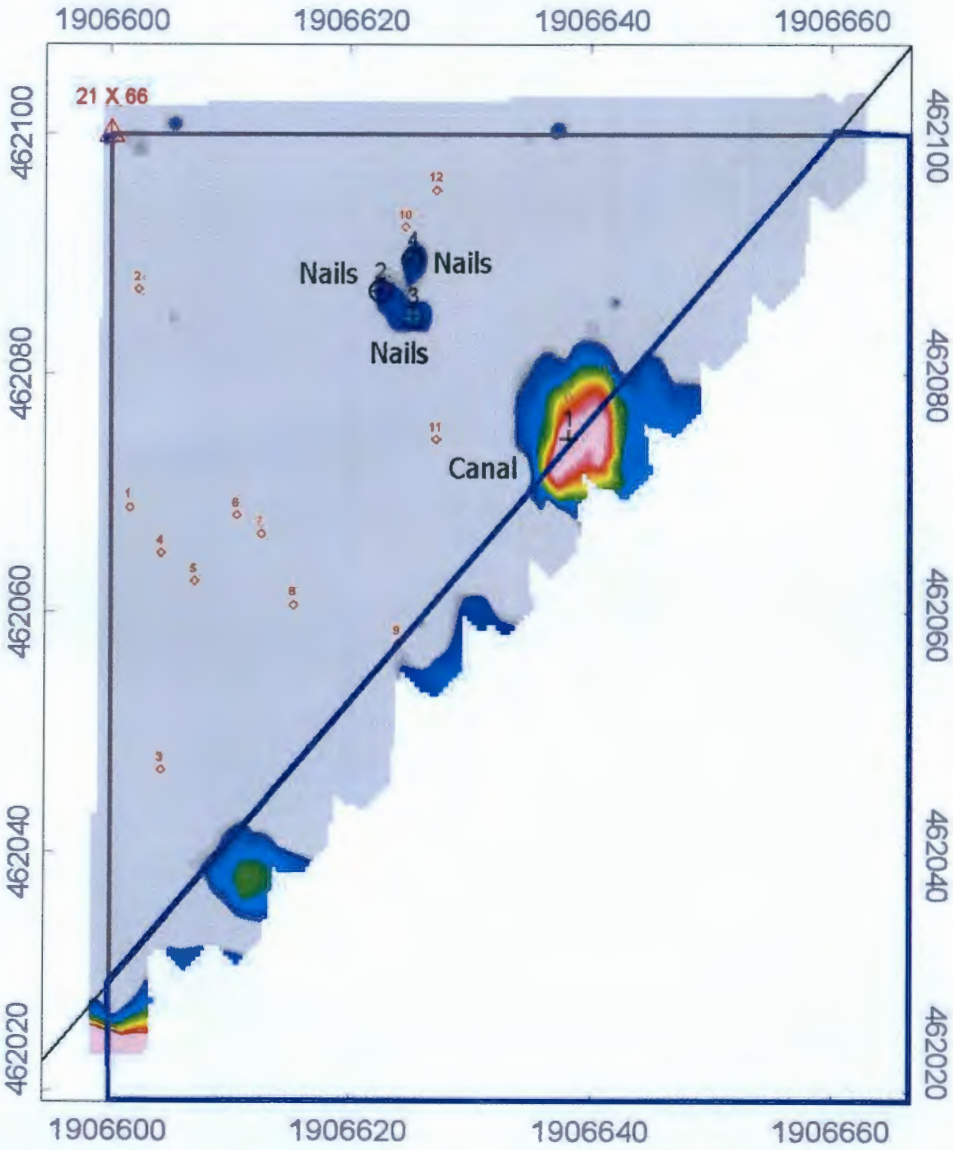


Figure 17 GRID 20X66V

Verification Survey and Reacquisition Results

GPS Positioned Single Coil EM61

Former Hanford Small Arms Range

Hanford. WA

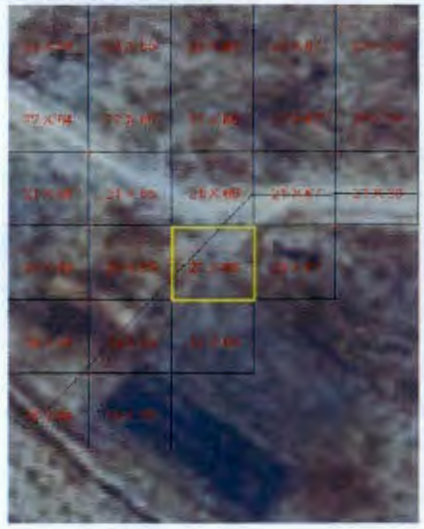
Legend

- Grid/Area Boundary
- Grid Corner
- 25 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)

mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-17-2011	File:	20X66V
Coordinate System:	NAD83 WA Sth State Plane Feat		

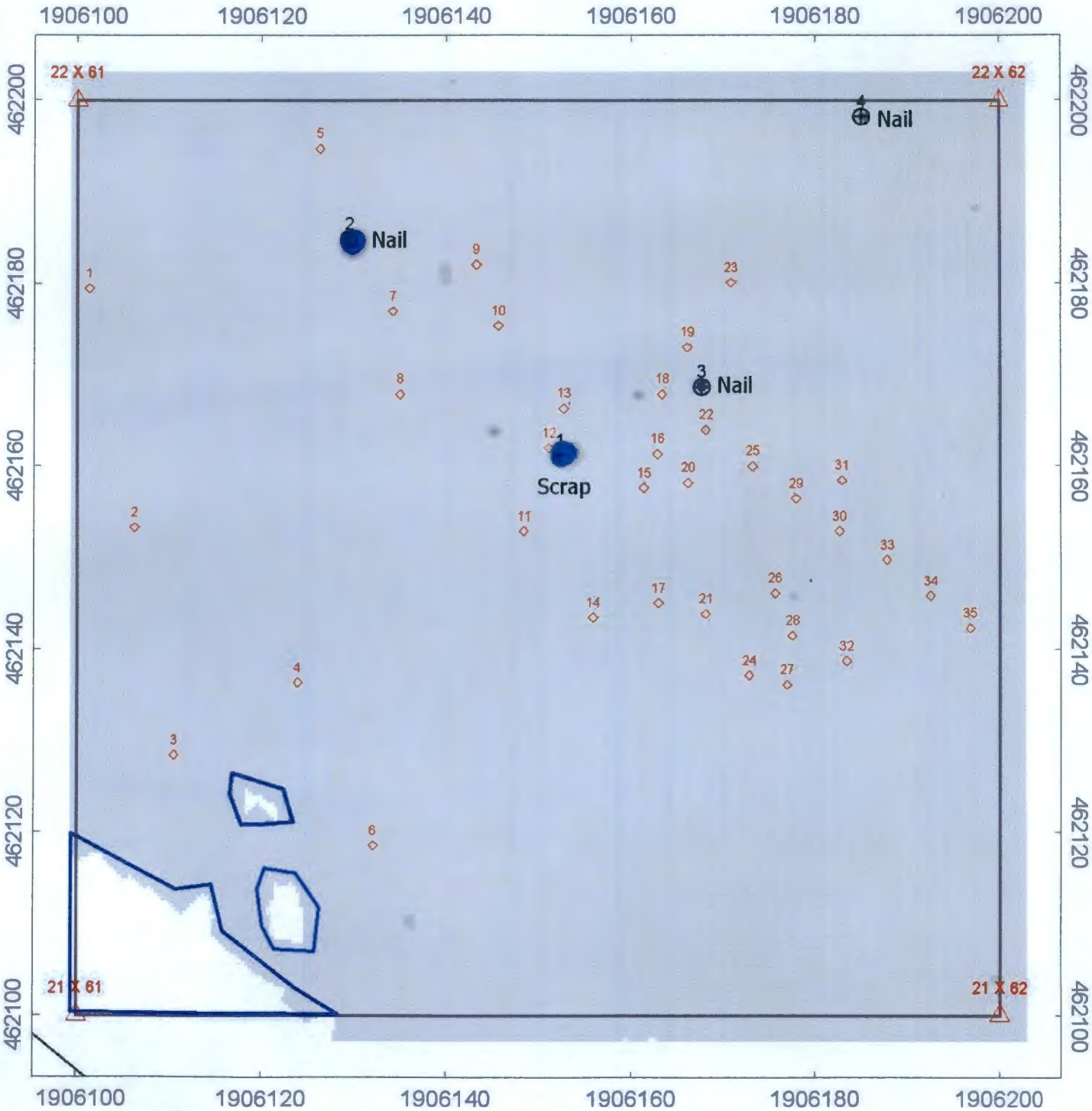
TerranearPMC

ARM GEOPHYSICS

Figure 18 GRID 21X61V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford, WA

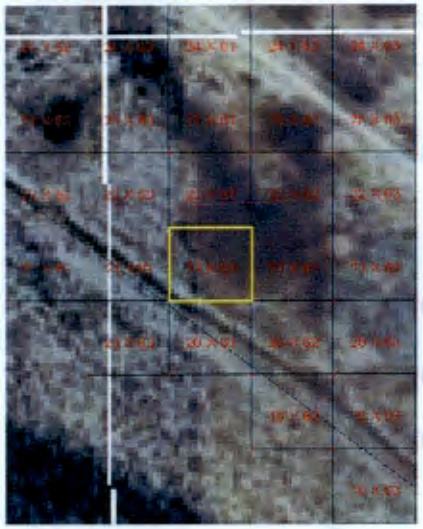


Legend

- Grid/Area Boundary
- Grid Corner
- 25 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-17-2011	File:	21X61V
Coordinate System:	NAD83 WA Sth State Plane Feet		

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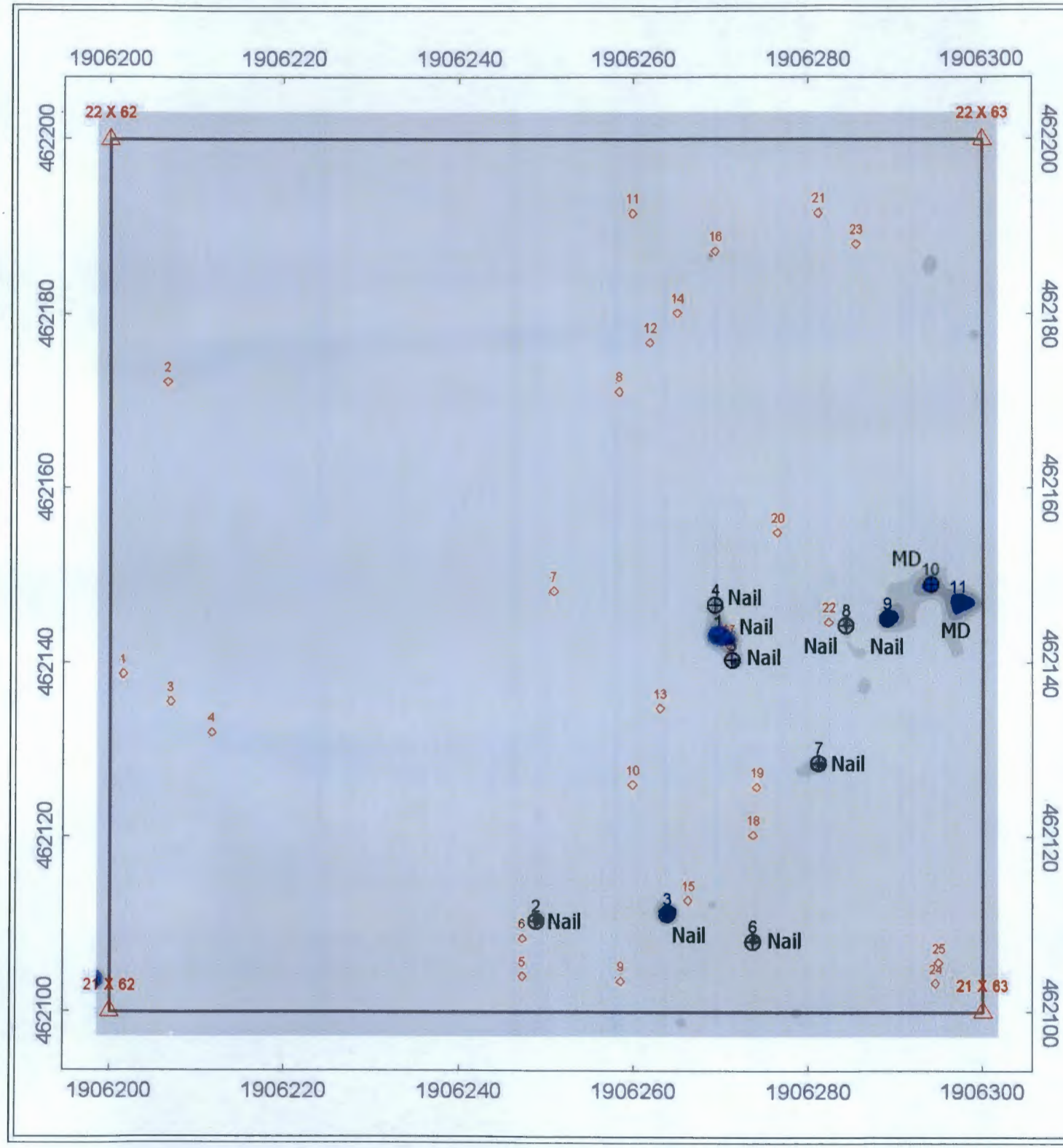
ARM GEOPHYSICS

Figure 19 GRID 21X62V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

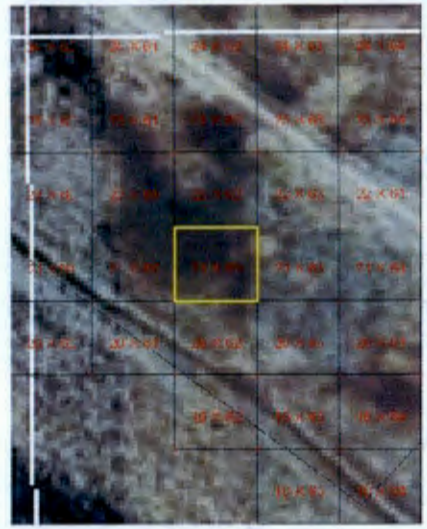
Former Hanford Small Arms Range
Hanford, WA



Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-16-2011	File:	21X62V
Coordinate System:	NAD83 WA Sth State Plane Feet		

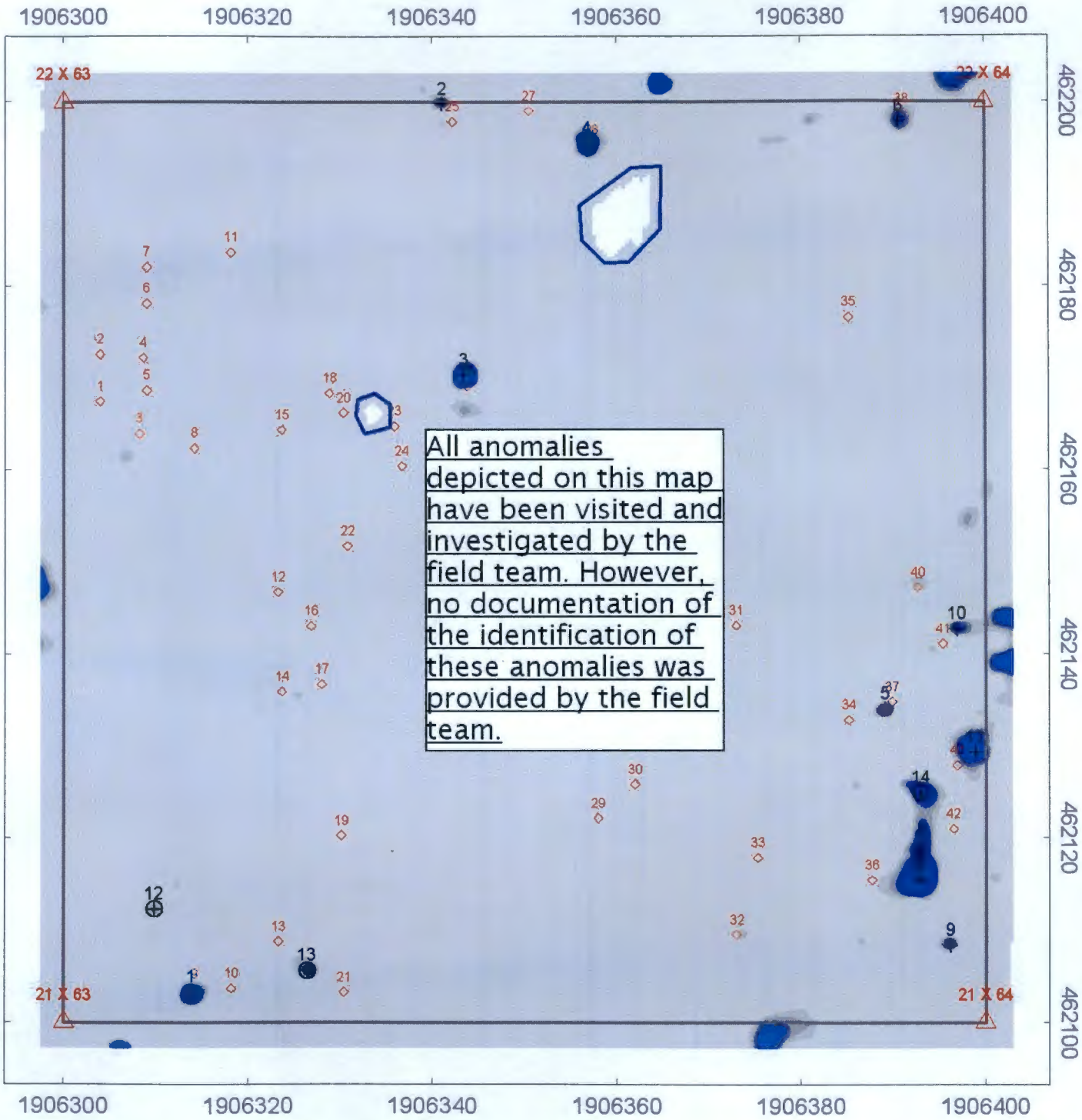
TerranearPMC

ARM Geophysics

Figure 20 GRID 21X63V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

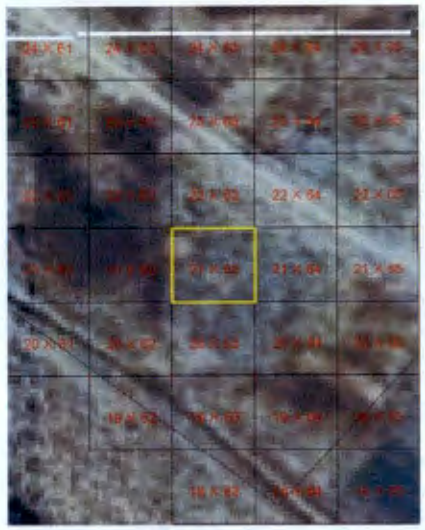
Former Hanford Small Arms Range
Hanford, WA



Legend

- Grid/Area Boundary
- Grid Corner
- 25 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-16-2011	File:	21X63V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

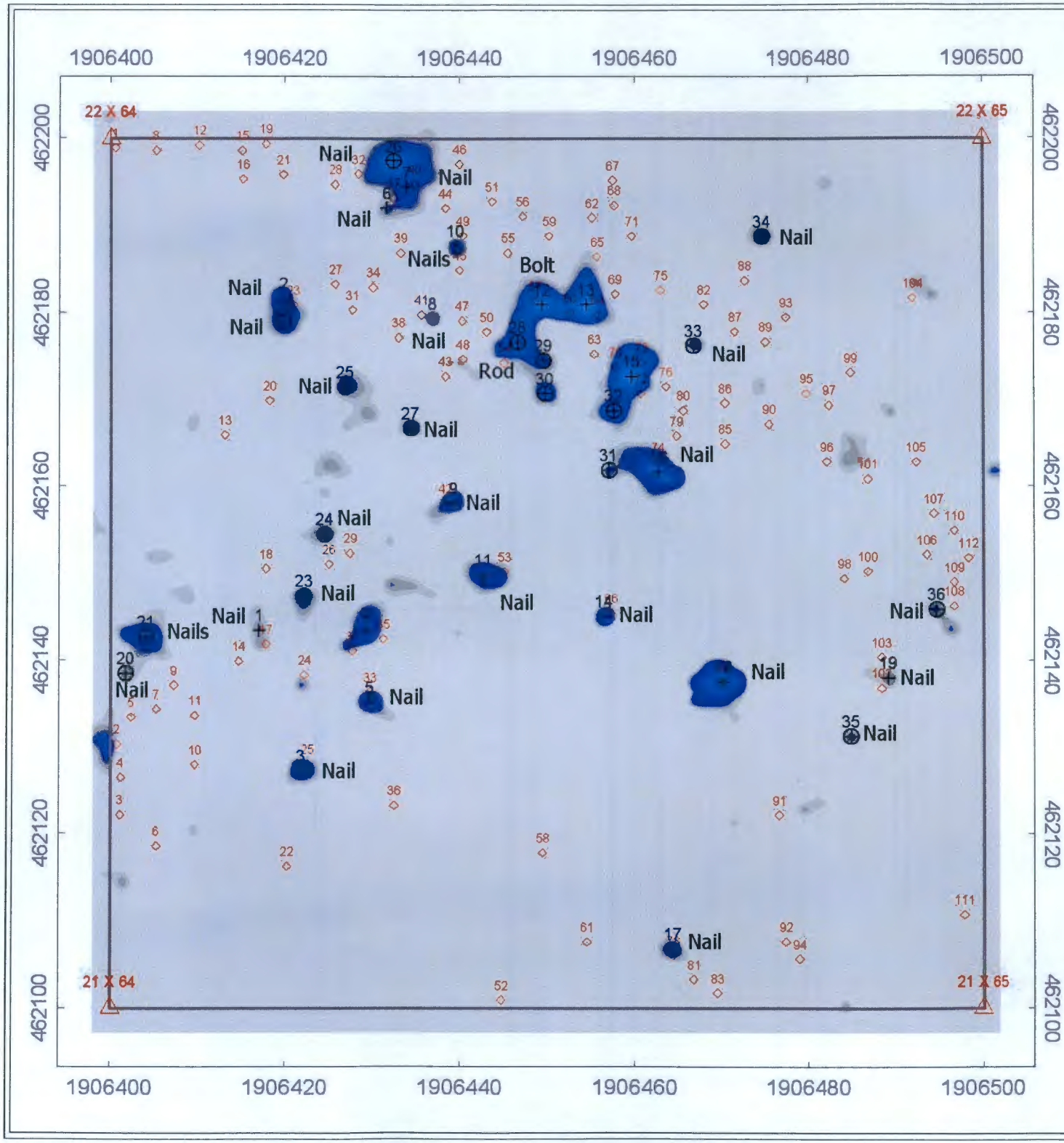


Figure 21 GRID 21X64V

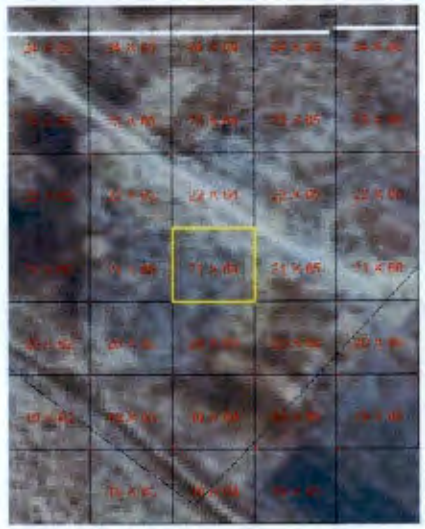
Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-18-2011	File:	21X64V
Coordinate System:	NAD83 WA Sth State Plane Feet		

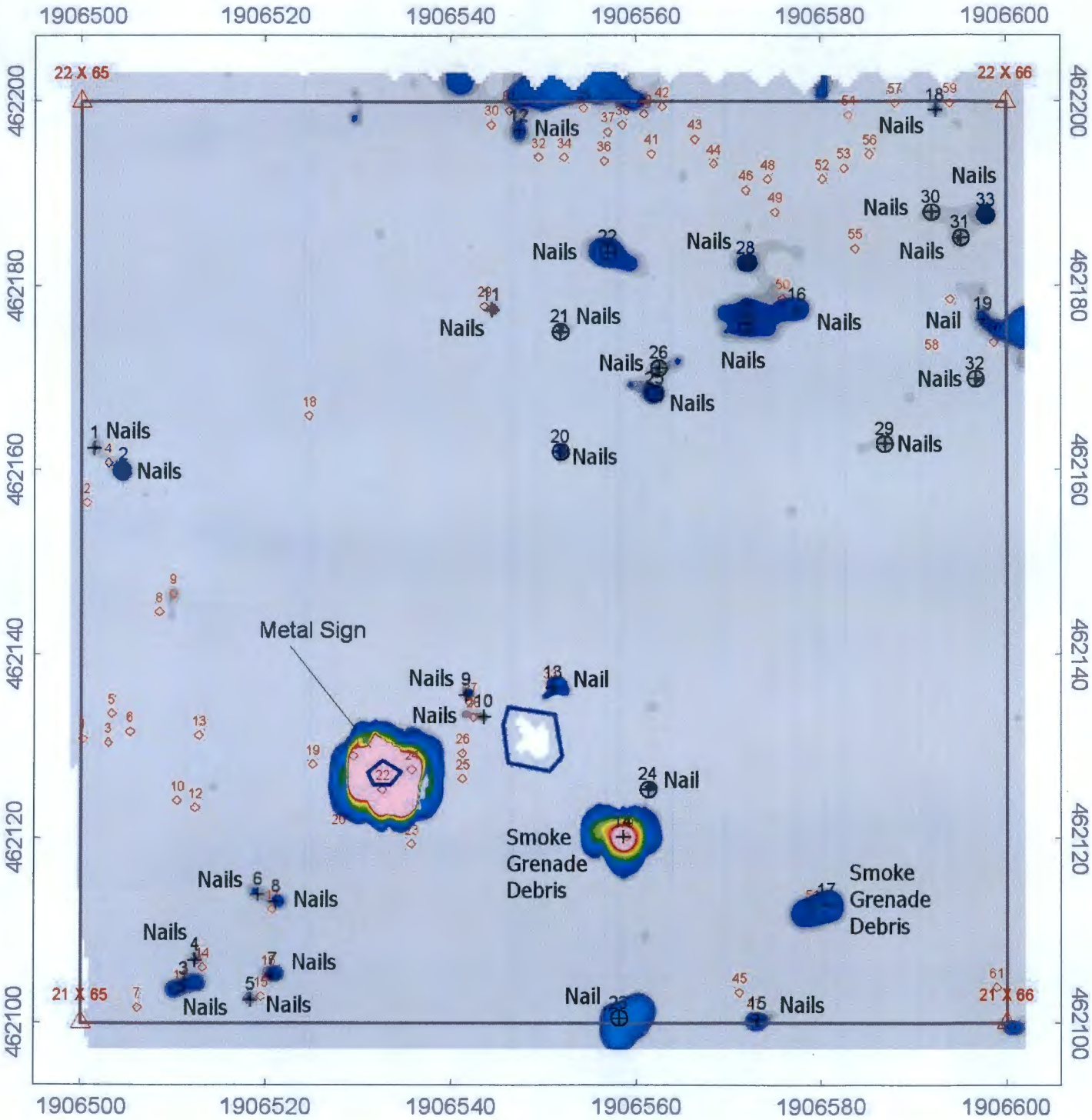
TerranearPMC

ARM Geophysics

Figure 22 GRID 21X65V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

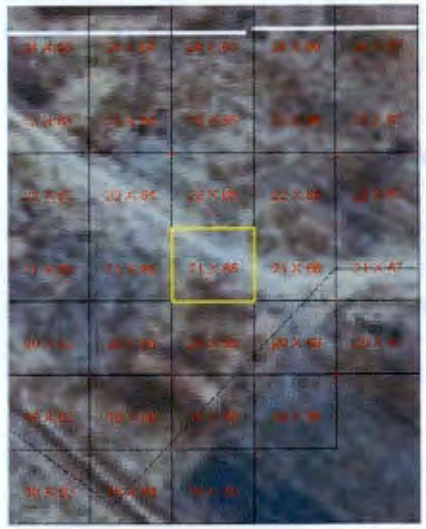
Former Hanford Small Arms Range
Hanford, WA



Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics
Created By: IDW	Verified By: IDW
Date: Mar-20-2011	File: 21X65V
Coordinate System:	NAD83 WA Sth State Plane Feet

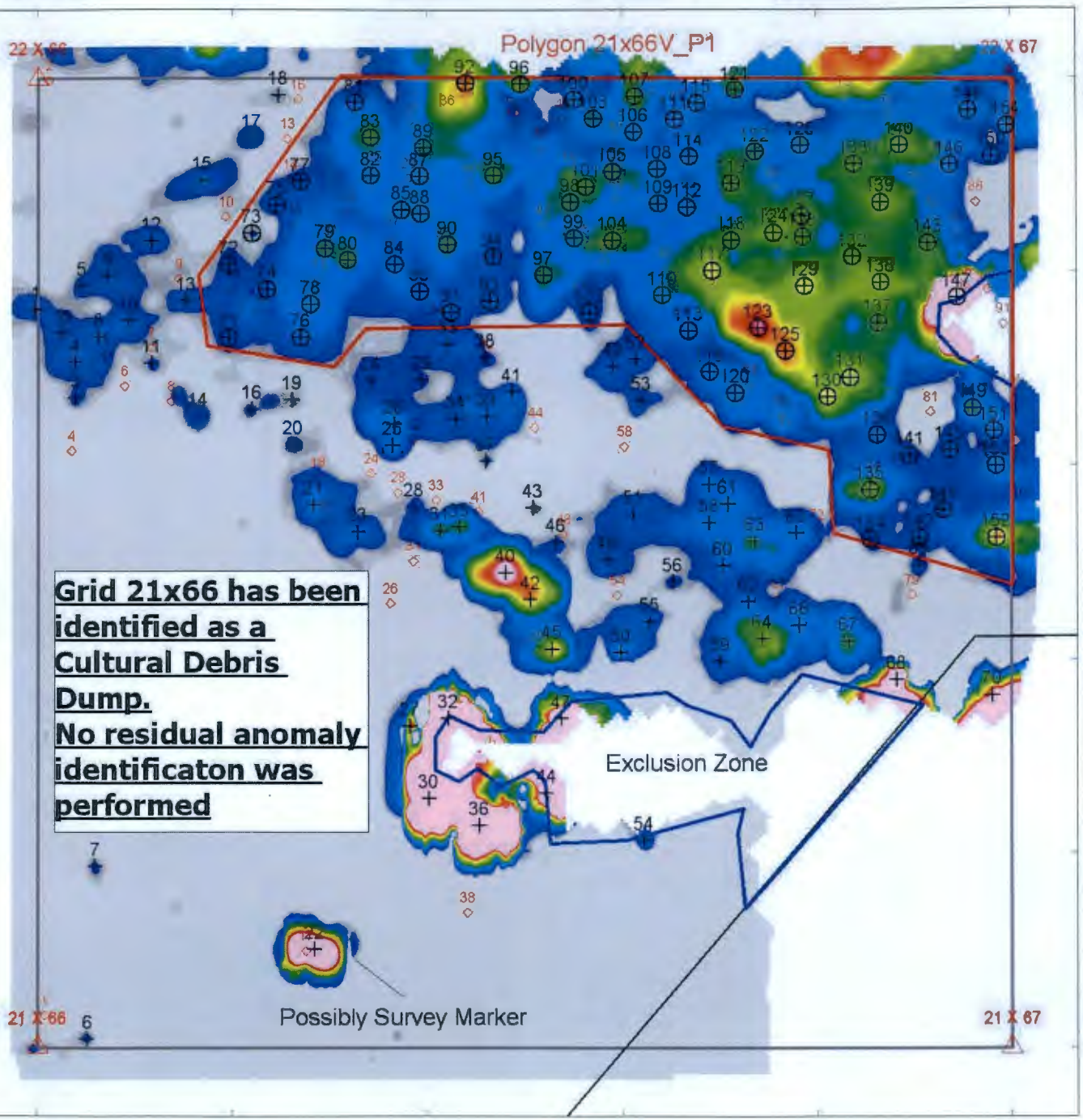
TerranearPMC

ARM GEOPHYSICS

Figure 23 GRID 21X66V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

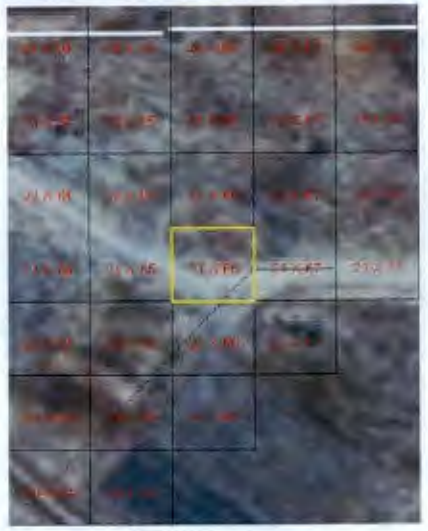
Former Hanford Small Arms Range
Hanford. WA



Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Anomaly Outside of Polygon
- Anomaly Inside Polygon
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics
Created By: IDW	Verified By: IDW
Date: Mar-21-2011	File: 21X66V
Coordinate System:	NAD83 WA Sth State Plane Feet

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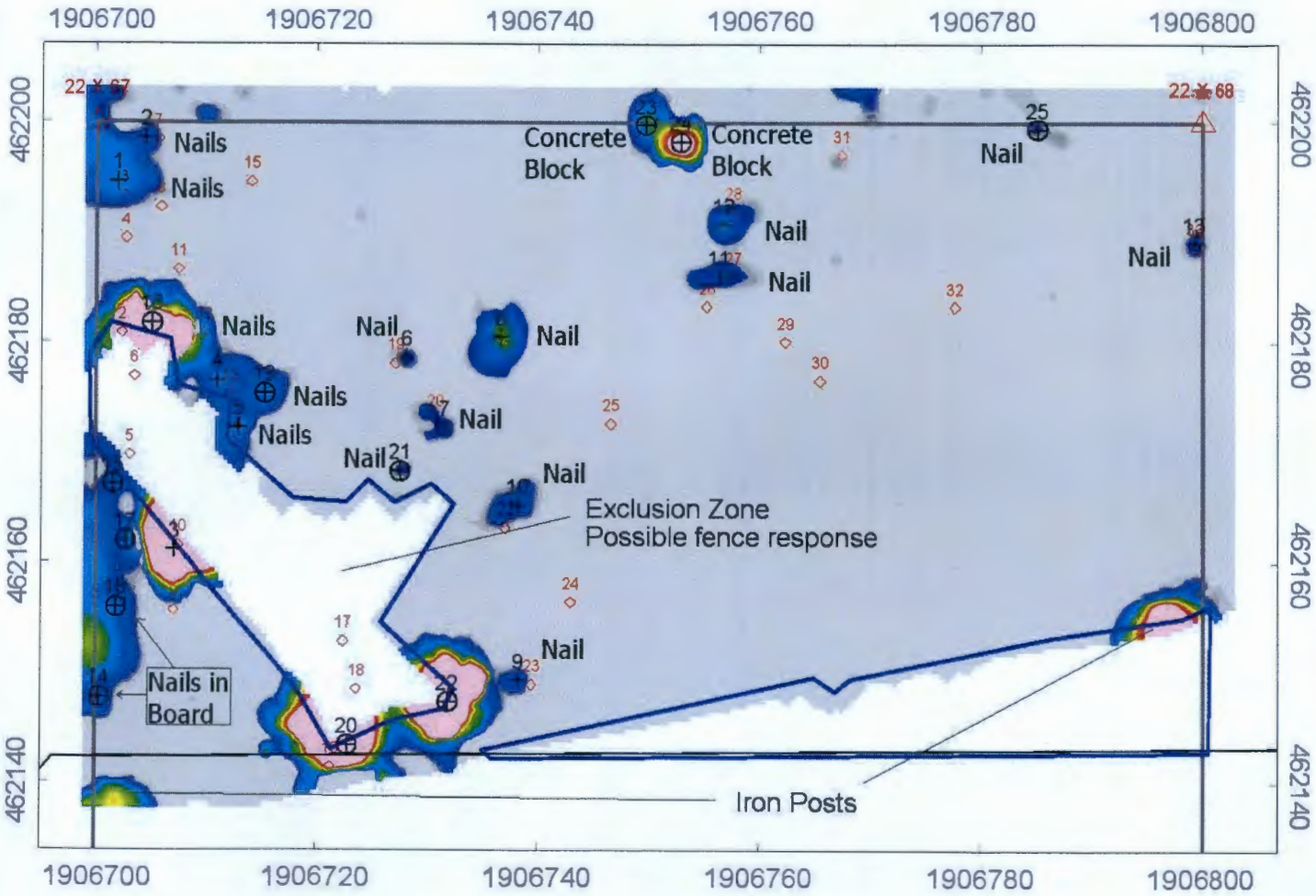
ARM GEOPHYSICS

Figure 24 GRID 21X67V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford, WA

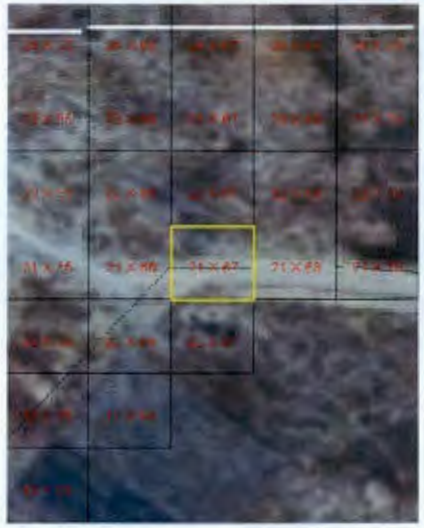


Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-21-2011	File:	21X67V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

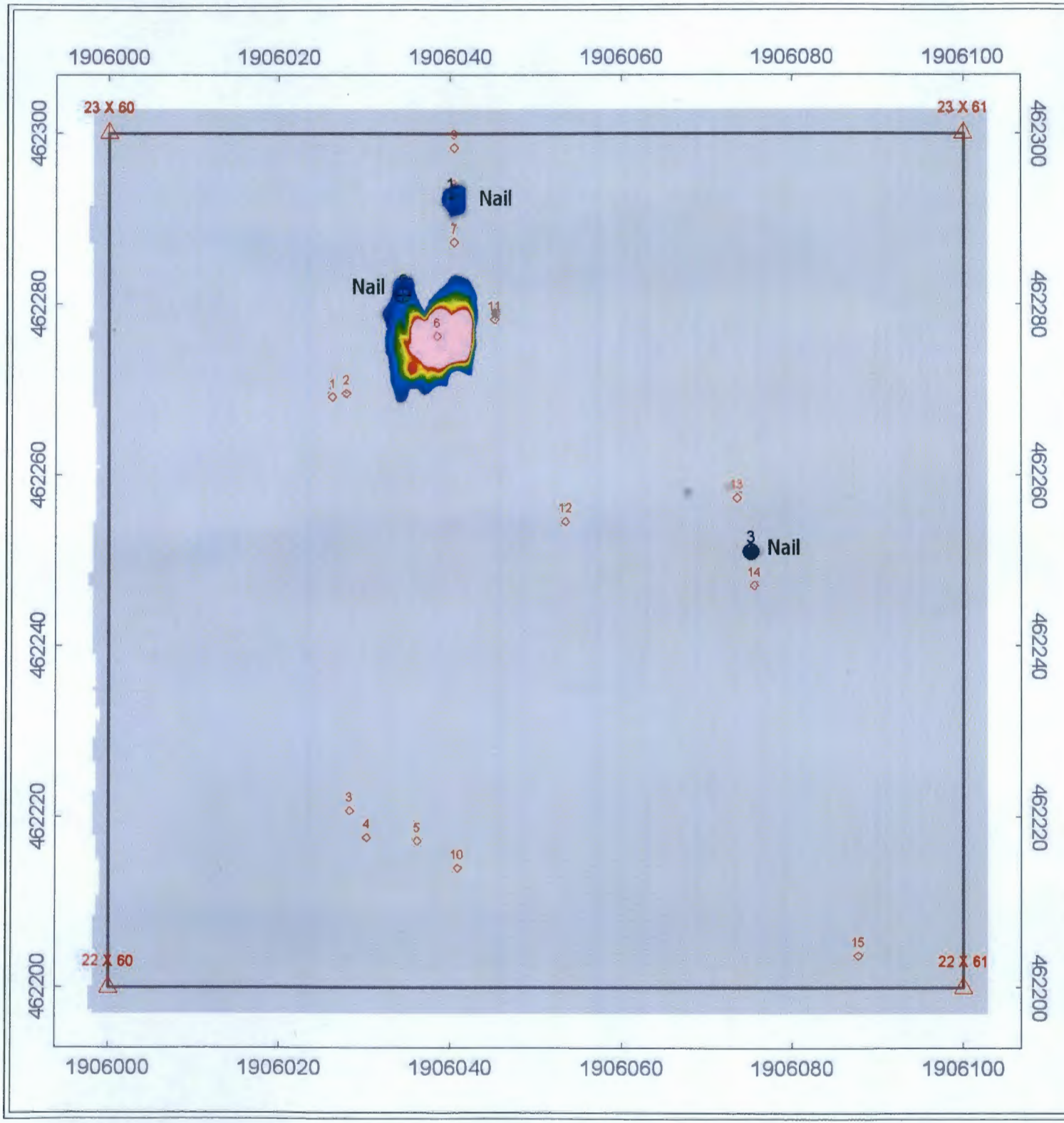


Figure 25 GRID 22X60V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

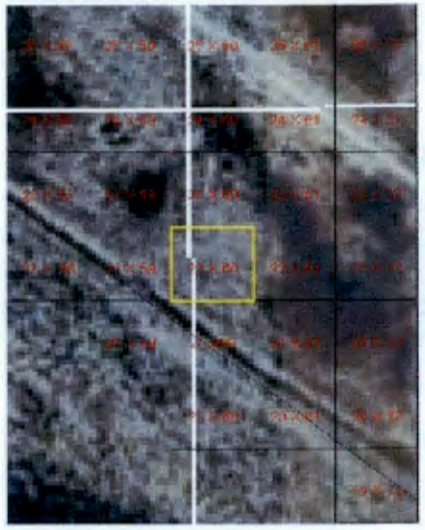
Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-16-2011	File:	22X60V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM Geophysics

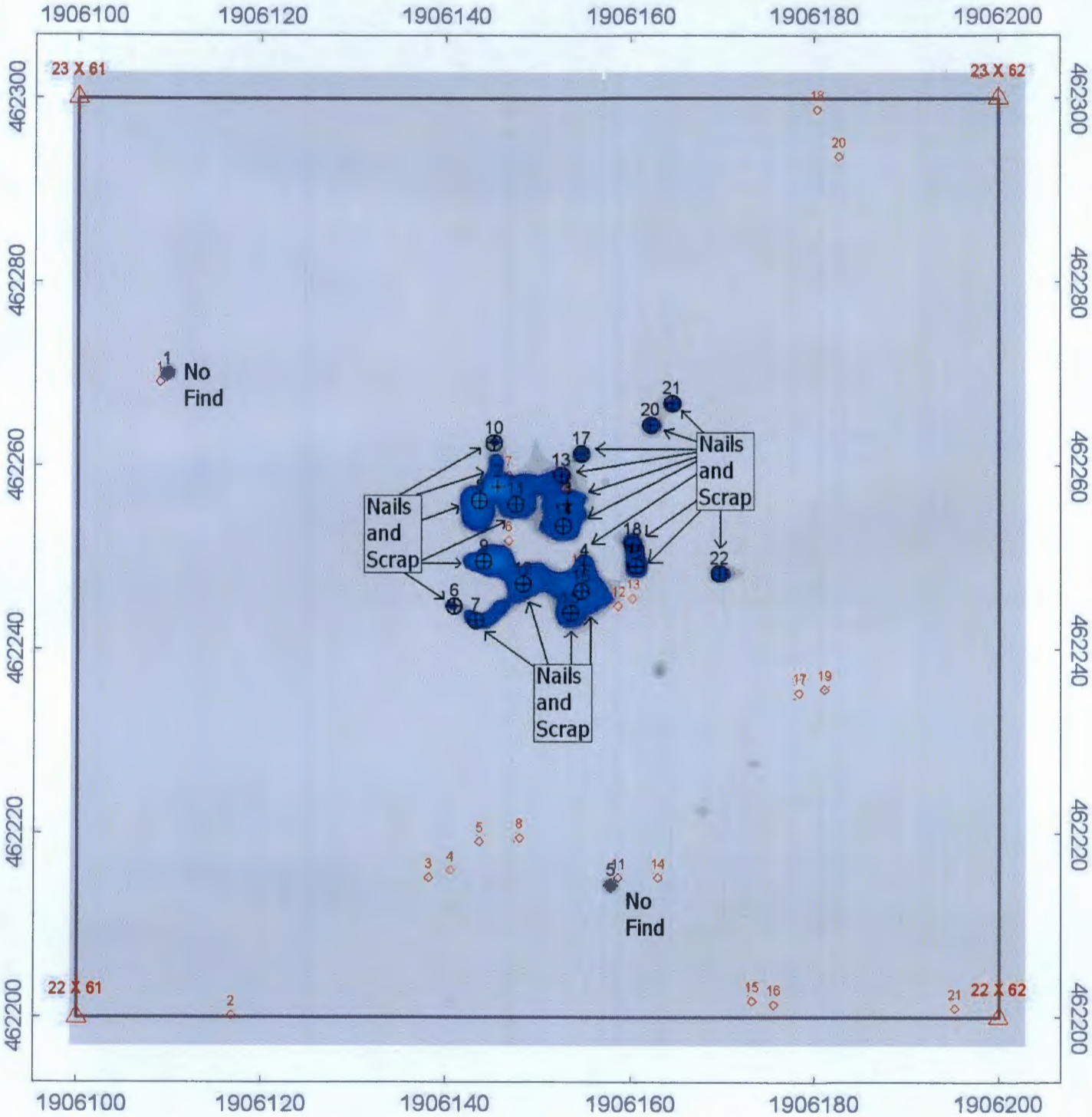


Figure 26 GRID 22X61V

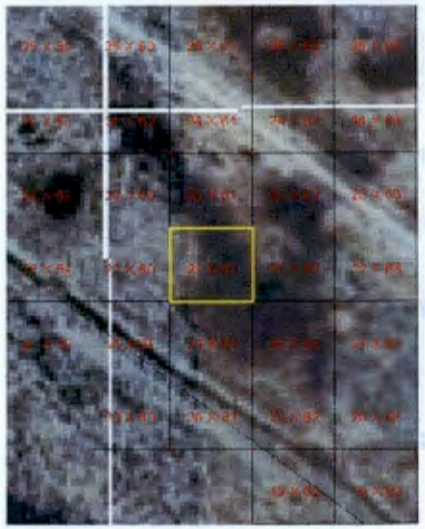
Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-15-2011	File:	22X61V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

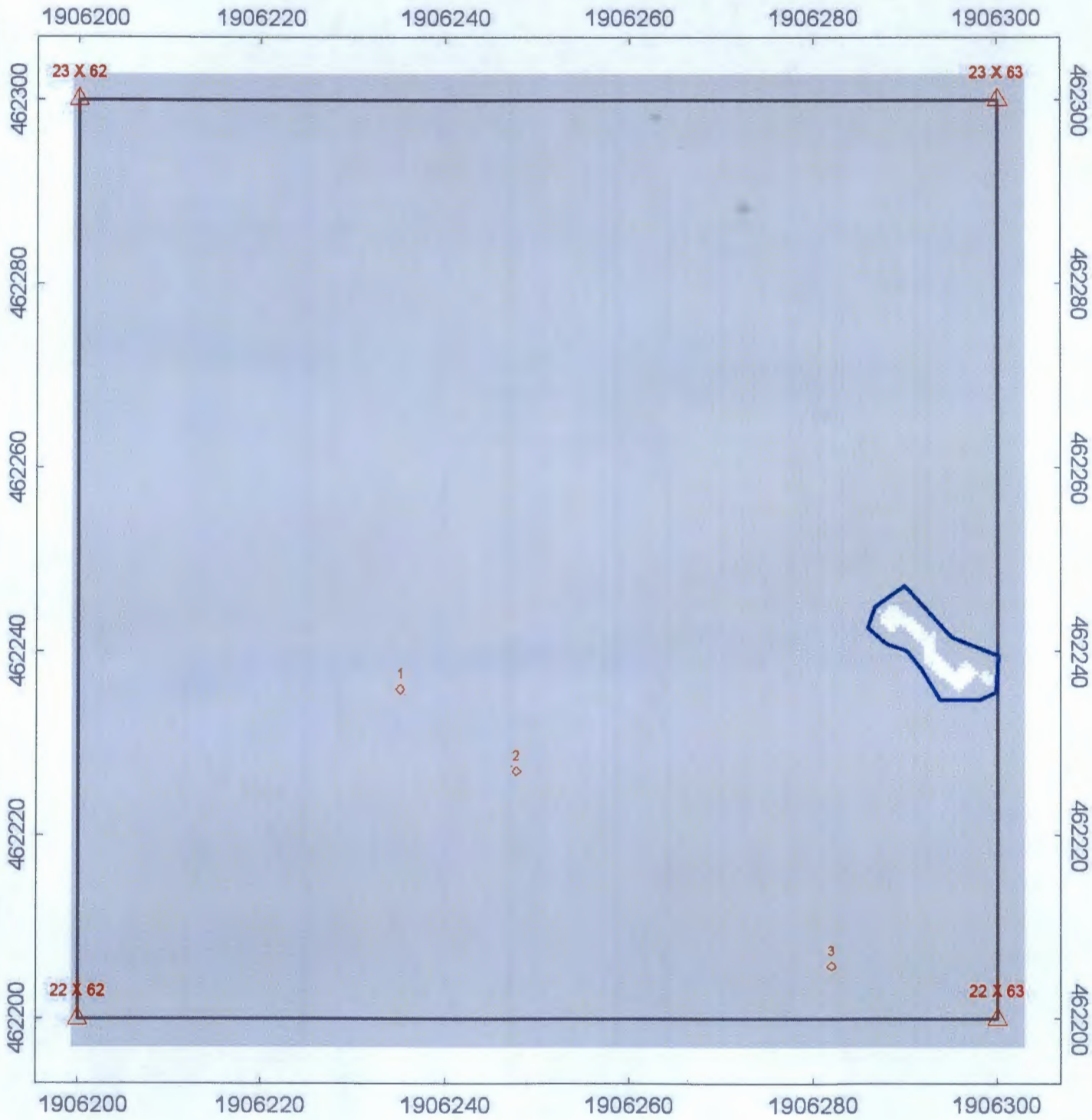


Figure 27 GRID 22X62V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

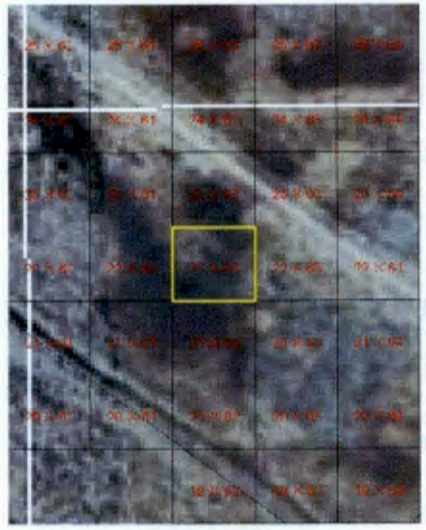
Former Hanford Small Arms Range
Hanford. WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-16-2011	File:	22X62V
Coordinate System:	NAD83 WA Sth State Plane Feet		

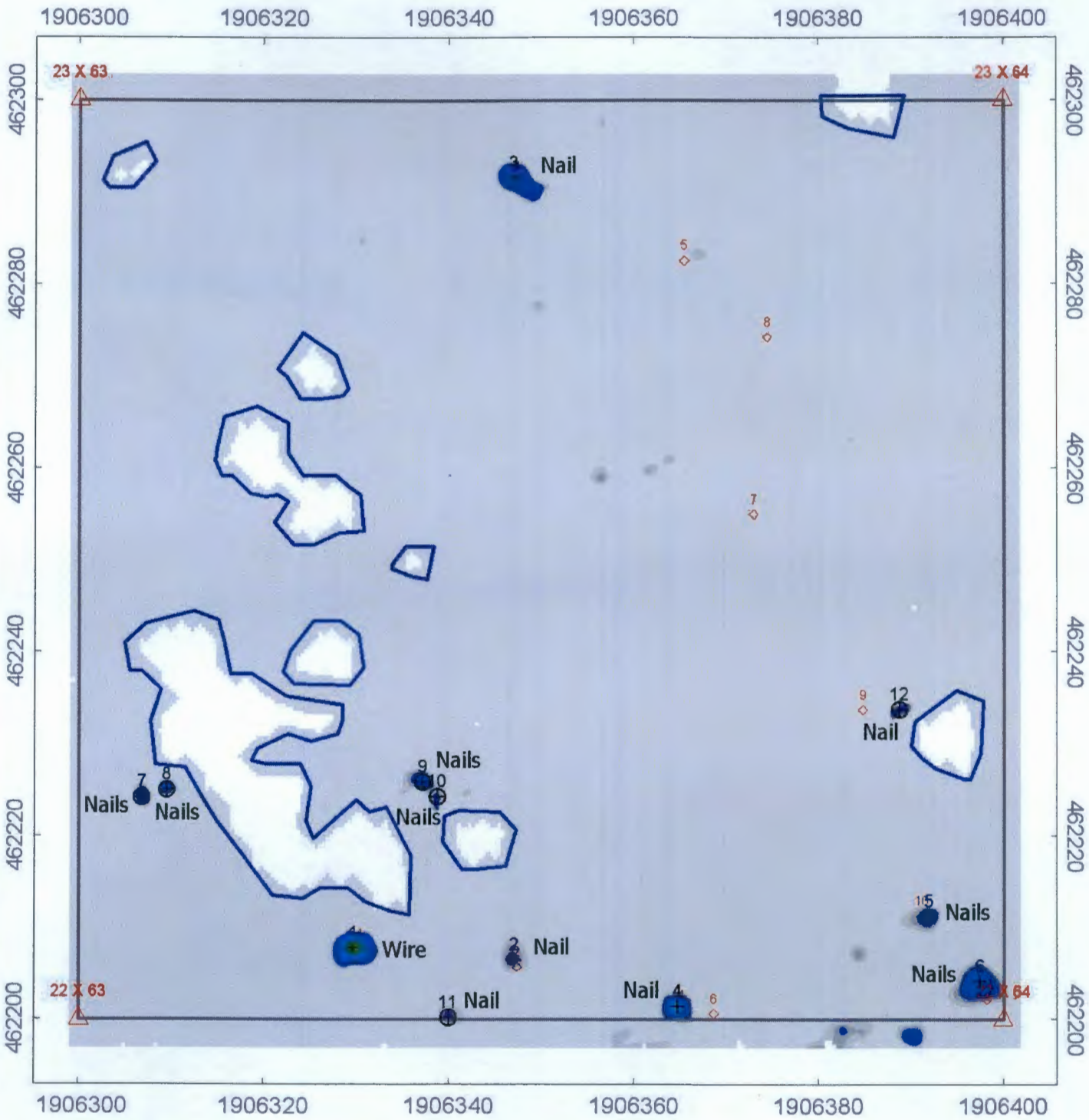
TerranearPMC

ARM GEOPHYSICS

Figure 28 GRID 22X63V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford, WA

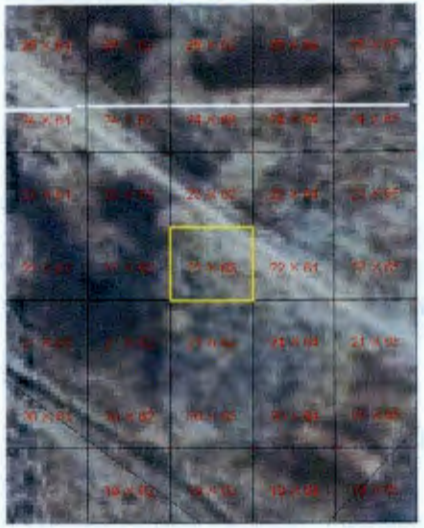


Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-16-2011	File:	22X63V
Coordinate System:	NAD83 WA Sth State Plane Feet		

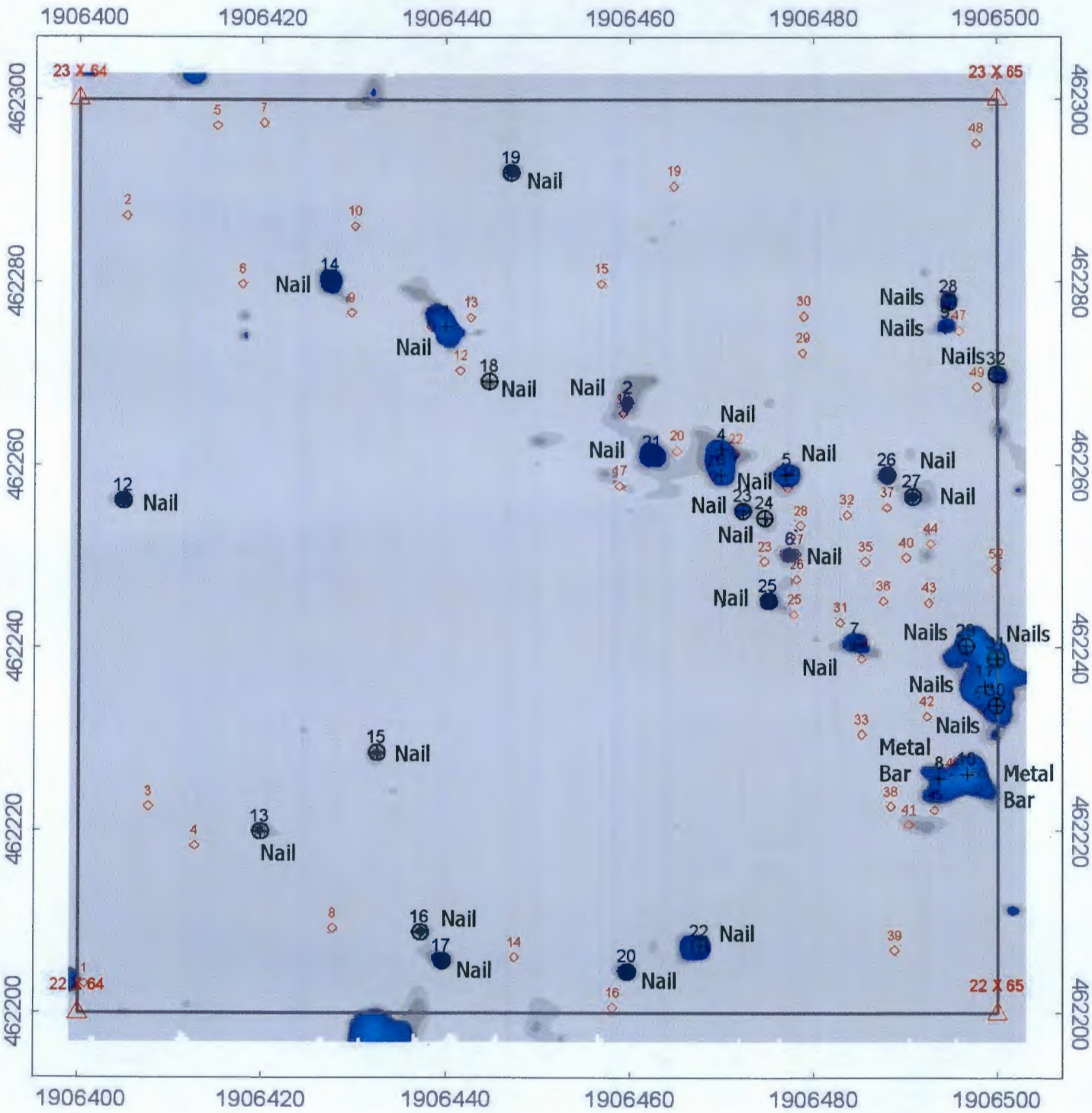
TerranearPMC

ARM GEOPHYSICS

Figure 29 GRID 22X64V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

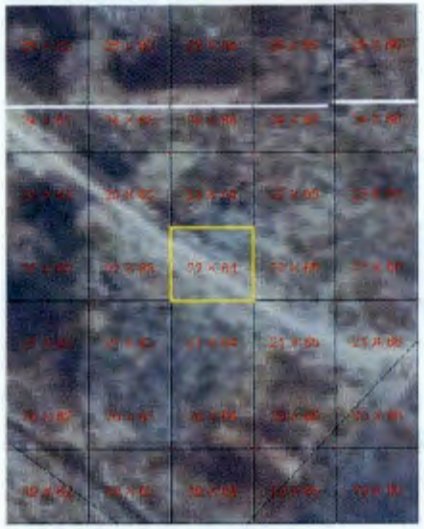
Former Hanford Small Arms Range
Hanford, WA



Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-21-2011	File:	22X64V
Coordinate System:	NAD83 WA Sth State Plane Feet		

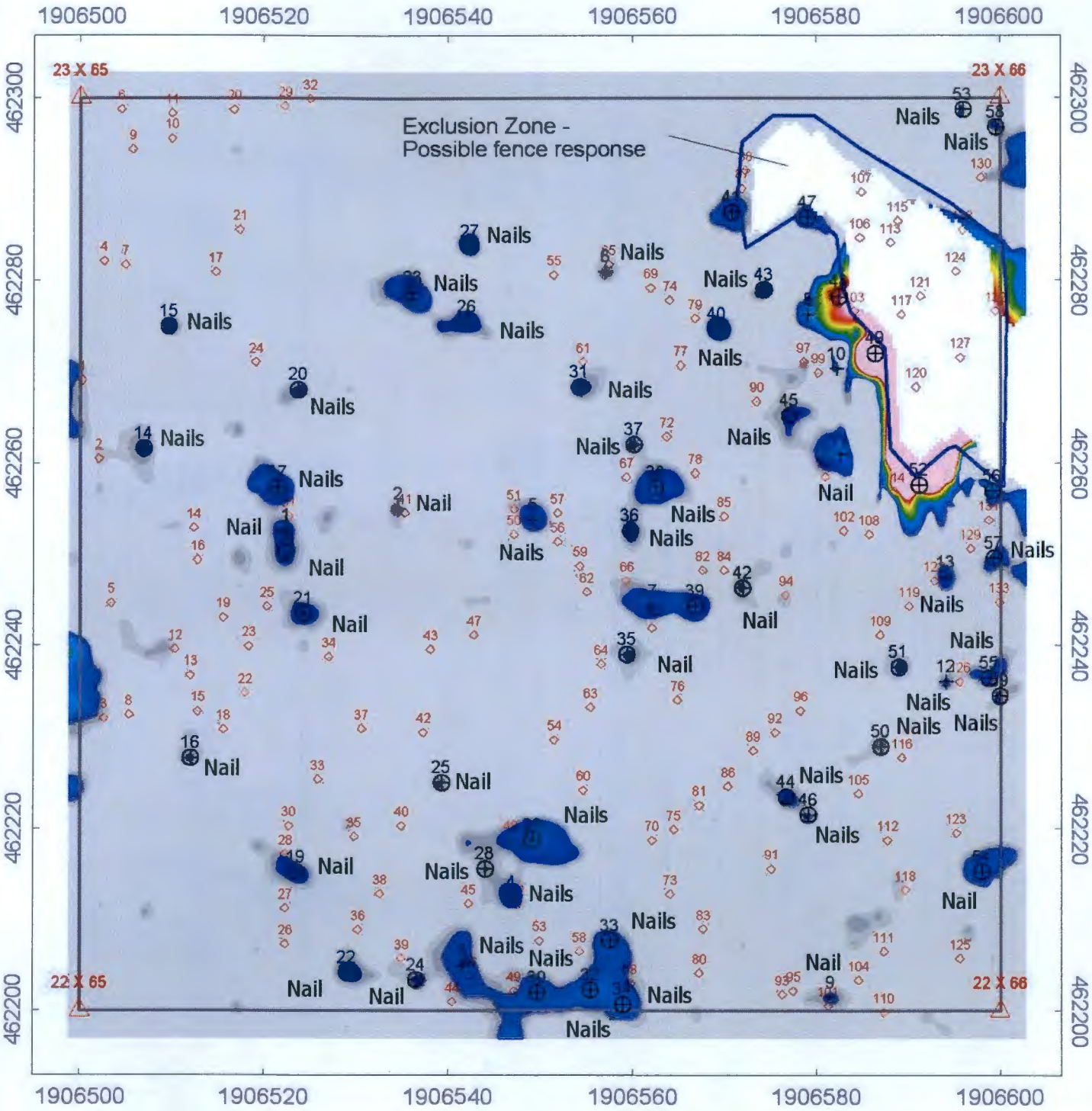
TerranearPMC

ARM GEOPHYSICS

Figure 30 GRID 22X65V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford, WA

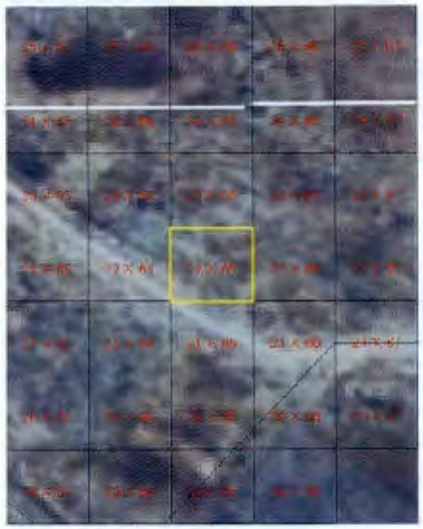


Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC		
PROJECT:	Hanford, WA		
CONTRACTOR:	ARM Geophysics		
Created By:	IDW	Verified By:	IDW
Date:	Mar-21-2011	File:	22X65V
Coordinate System:	NAD83 WA Sth State Plane Feet		

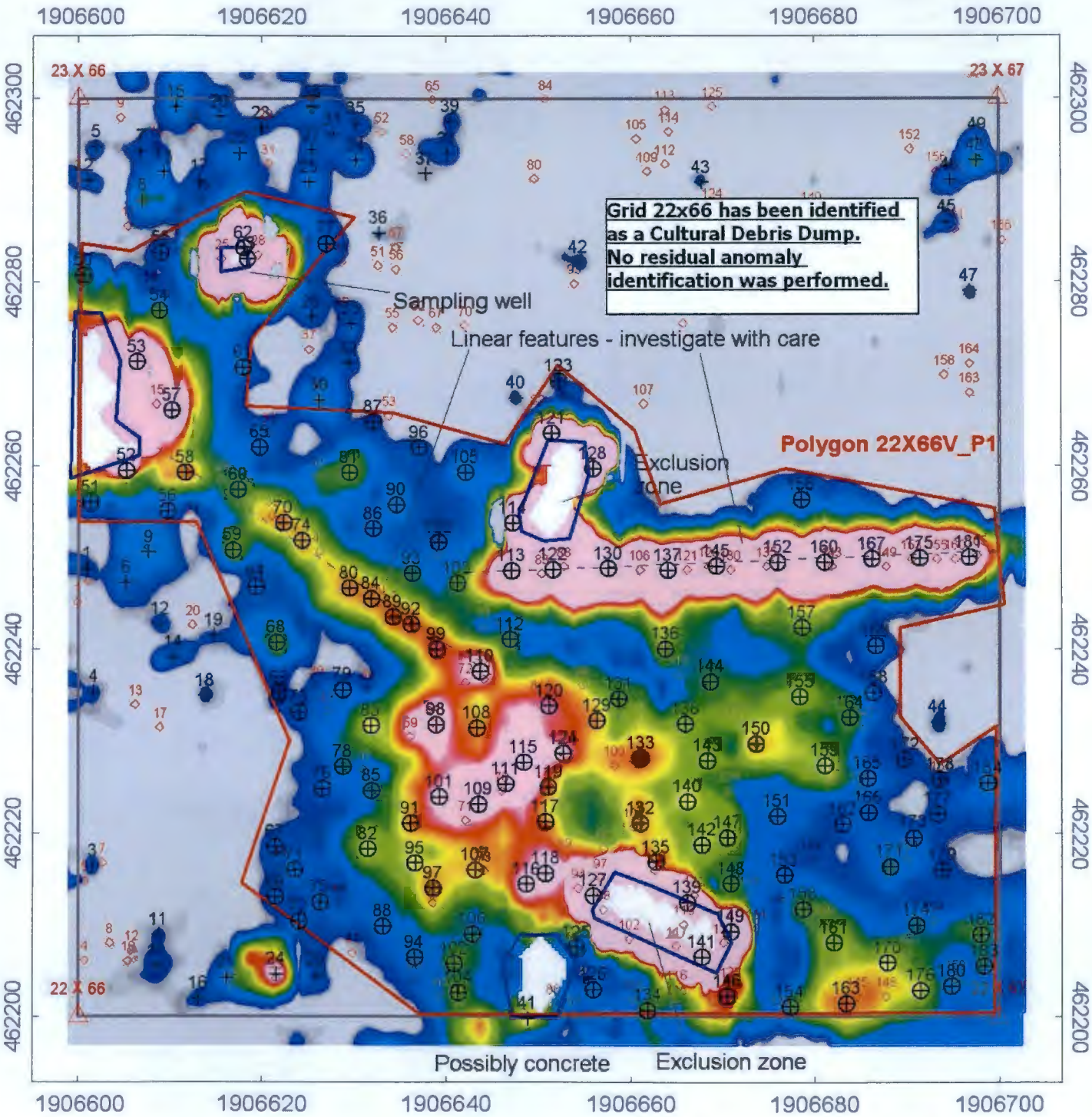
TerranearPMC

ARM GEOPHYSICS

Figure 31 GRID 22X66V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

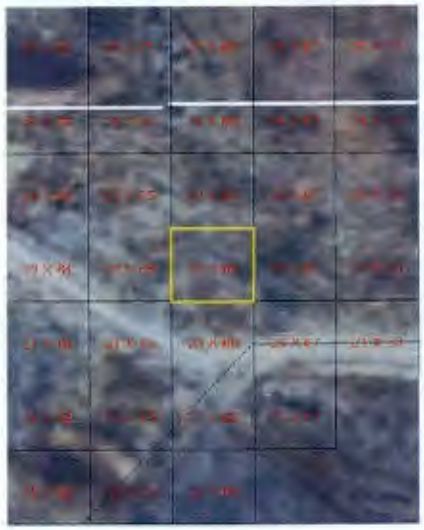
Former Hanford Small Arms Range
Hanford, WA



Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Anomaly Outside of Dig Polygon
- Anomaly Inside Dig Polygon

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-21-2011	File:	22X66V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

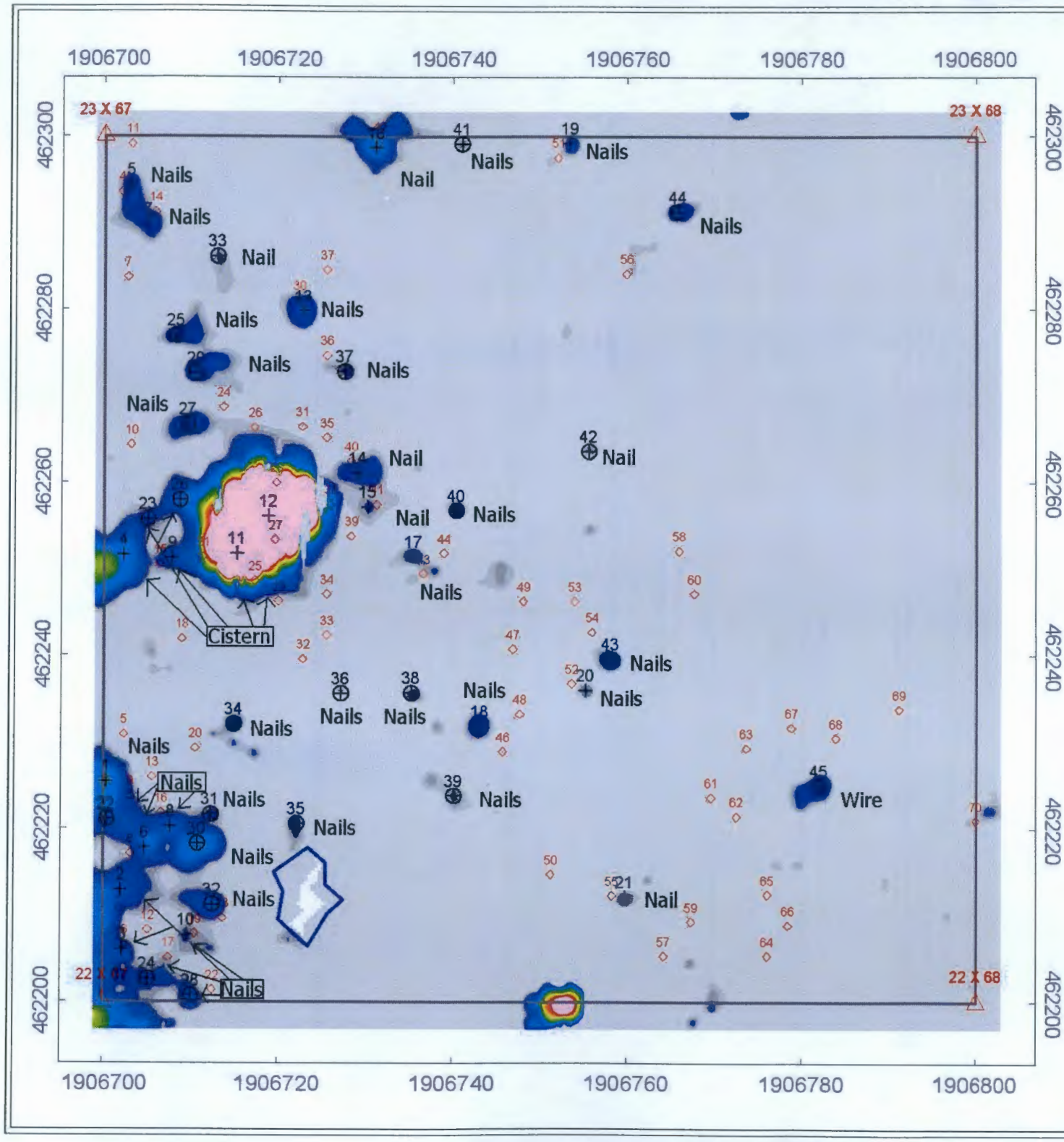


Figure 32 GRID 22X67V

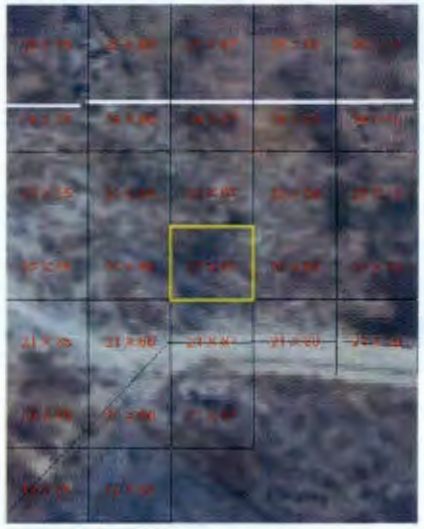
Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-21-2011	File:	22X67V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

Figure 33 GRID 23X59V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

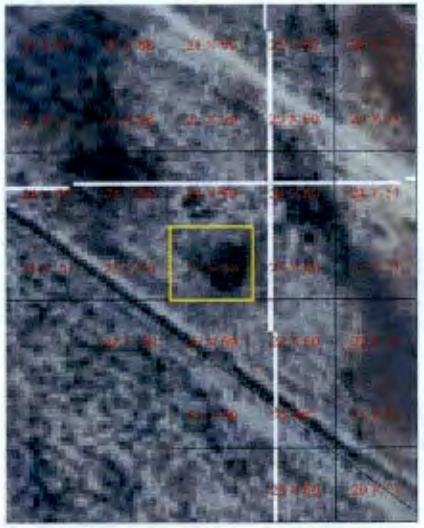
Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:220.2345

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-15-2011	File:	23X59V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

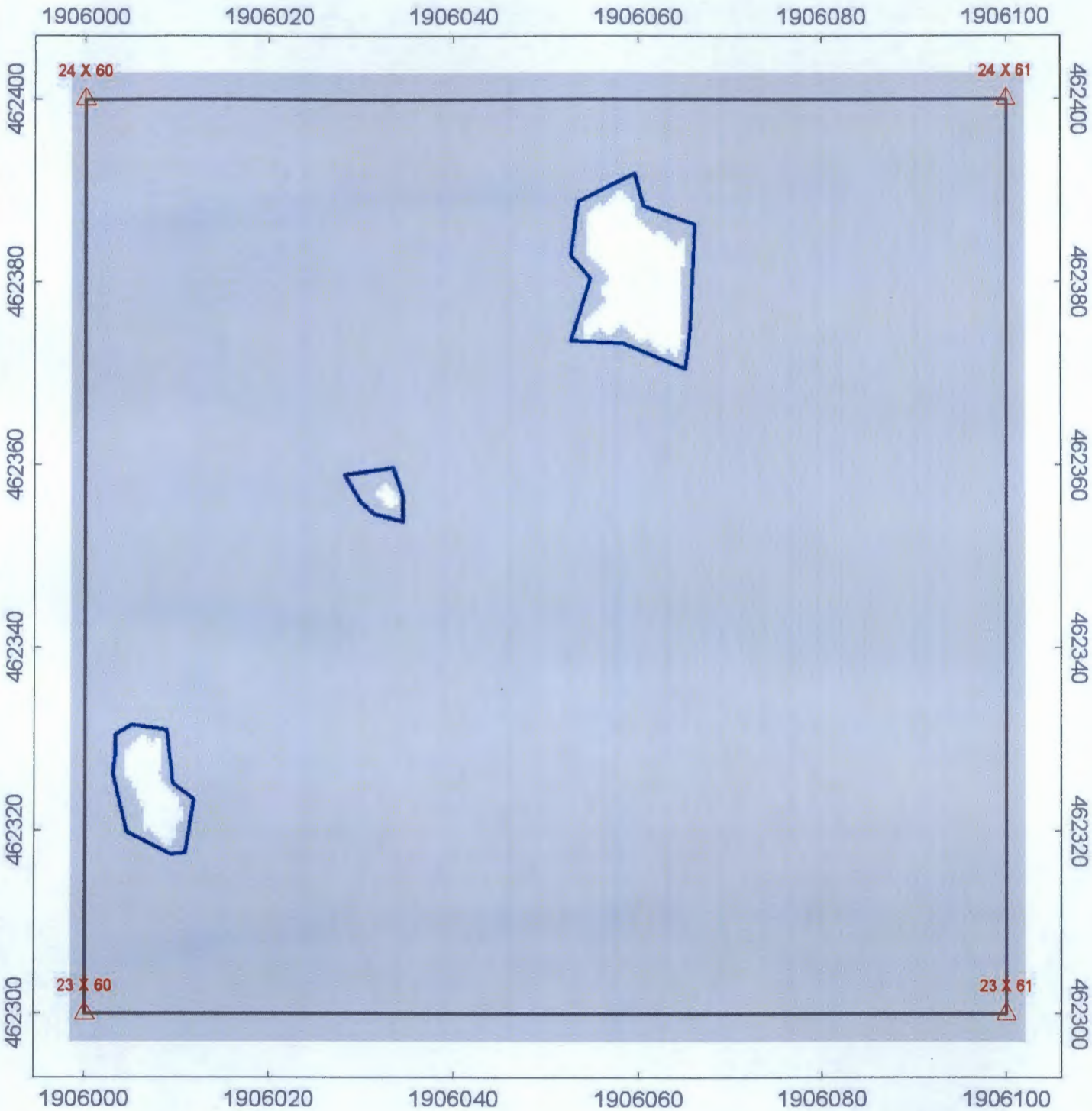


Figure 34 GRID 23X60V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

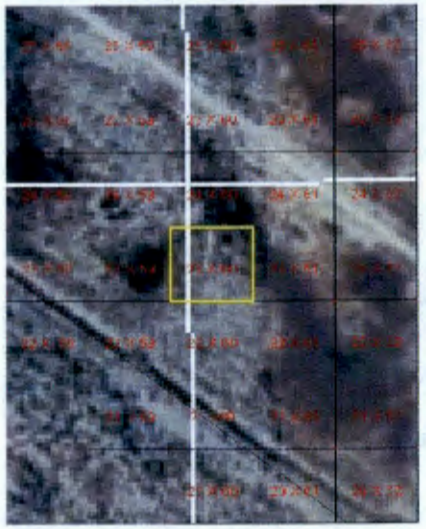
Former Hanford Small Arms Range
Hanford. WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-15-2011	File:	23X60V
Coordinate System:	NAD83 WA Sth State Plane Feet		

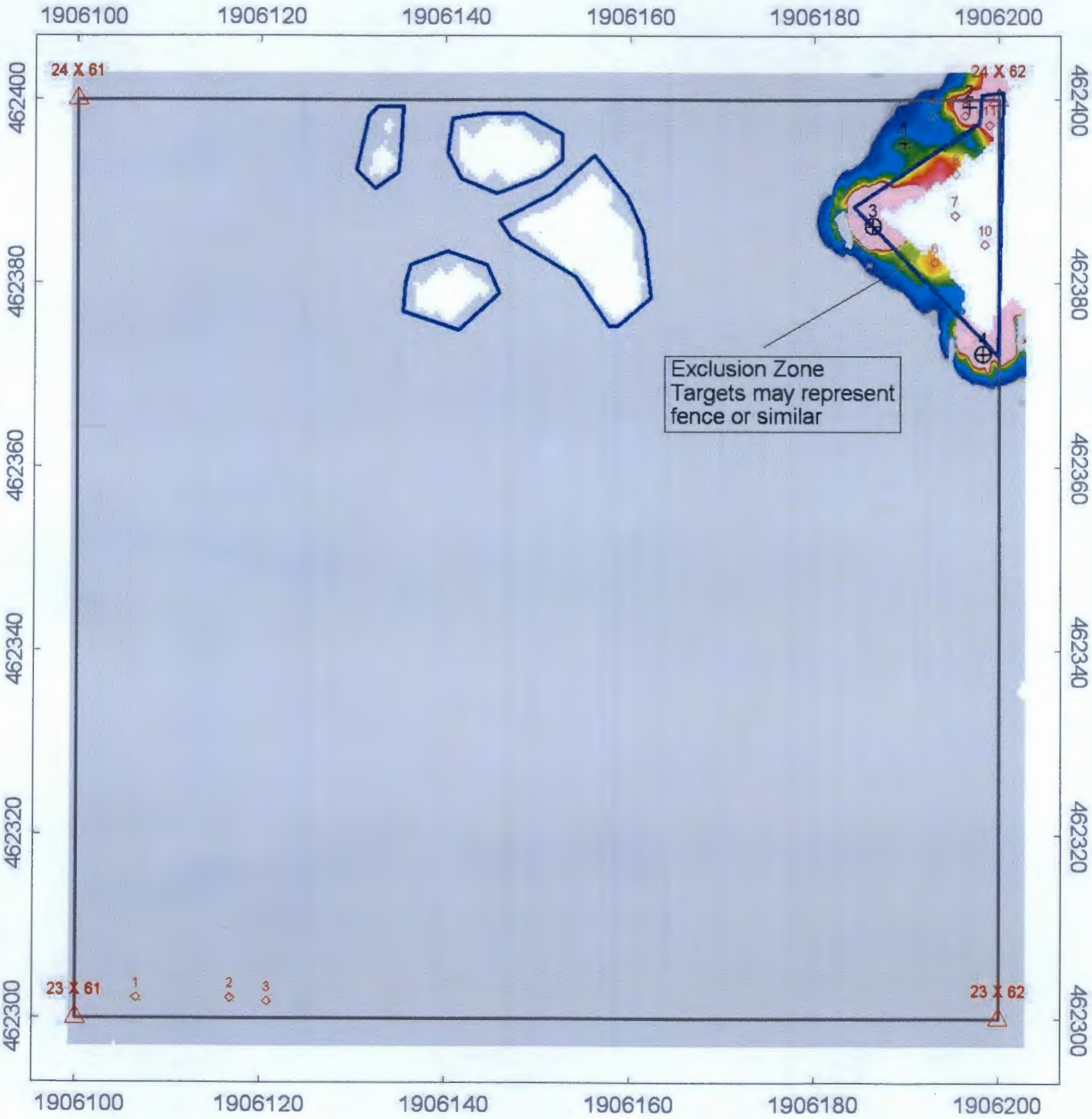
TerranearPMC

ARM Geophysics

Figure 35 GRID 23X61V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford, WA

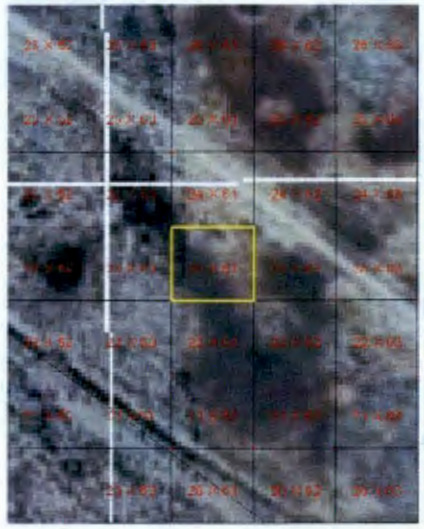


Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-15-2011	File:	23X61V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM Geophysics

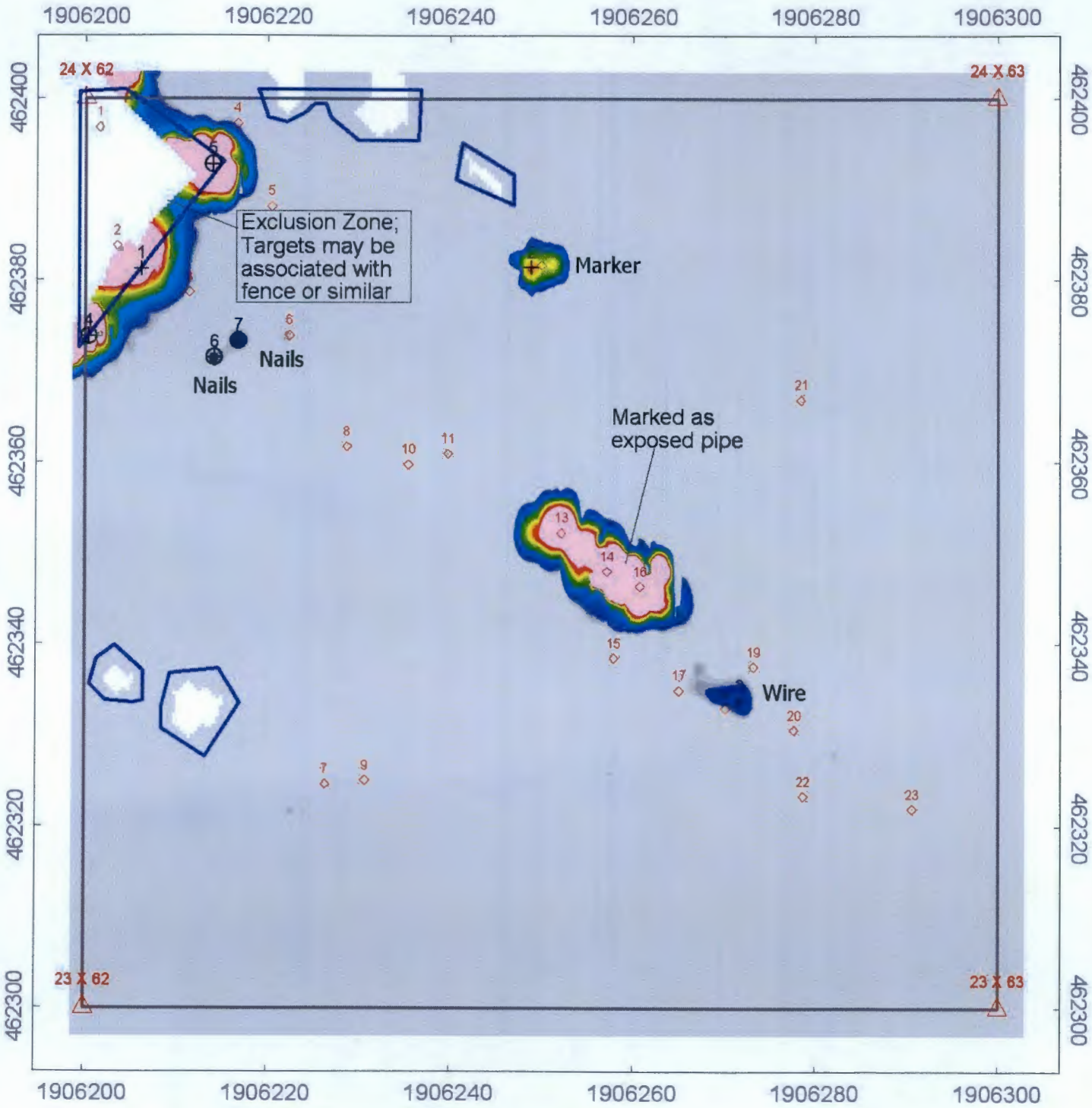


Figure 36 GRID 23X62V

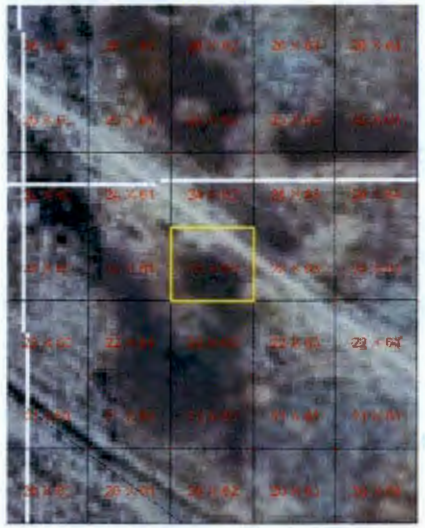
Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-15-2011	File:	23X62V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

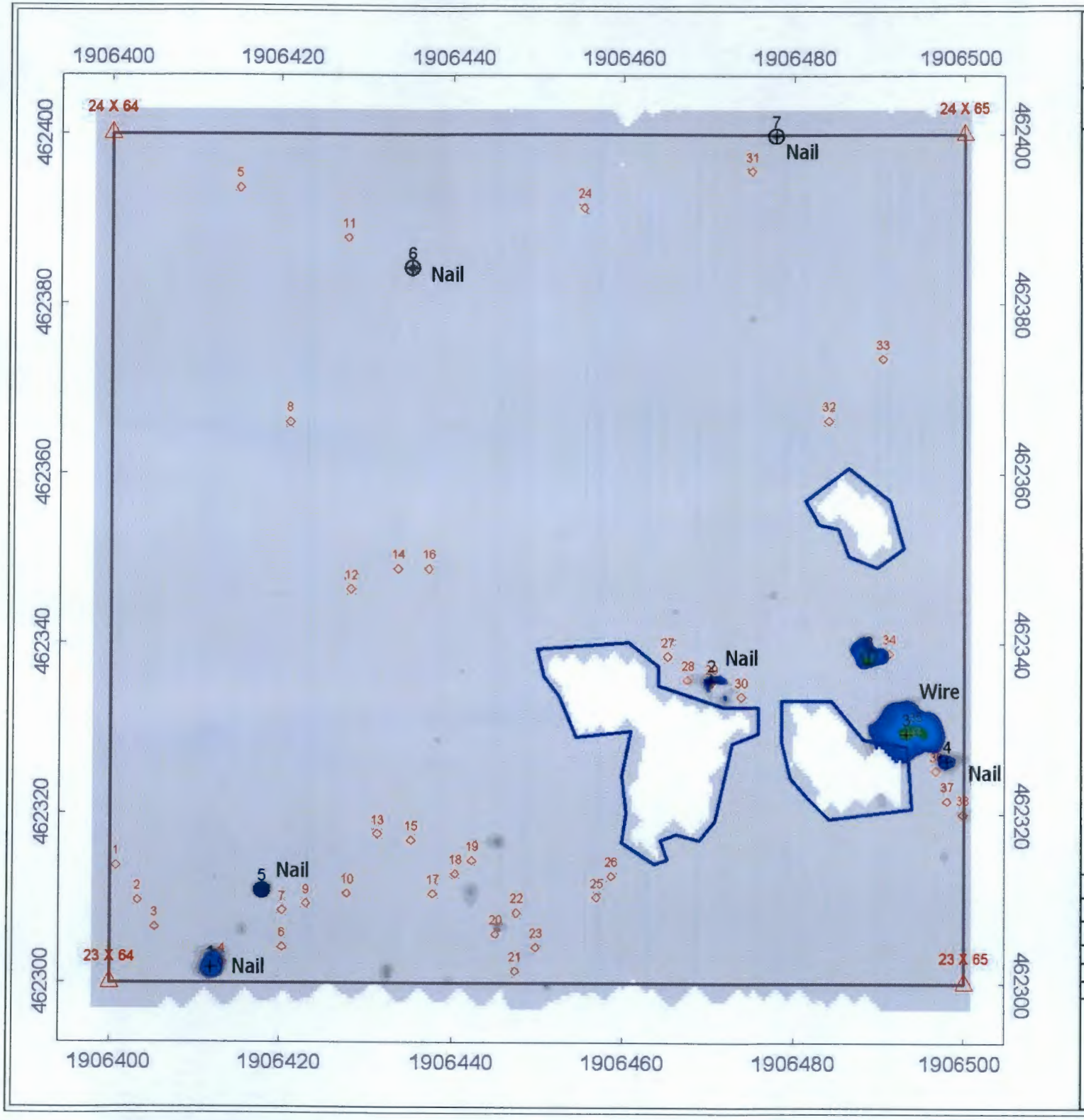


Figure 37 GRID 23X64V

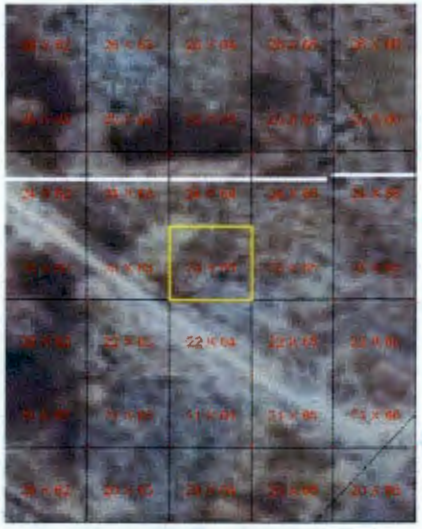
Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-18-2011	File:	23X64V
Coordinate System:	NAD83 WA Sth State Plane Feet		

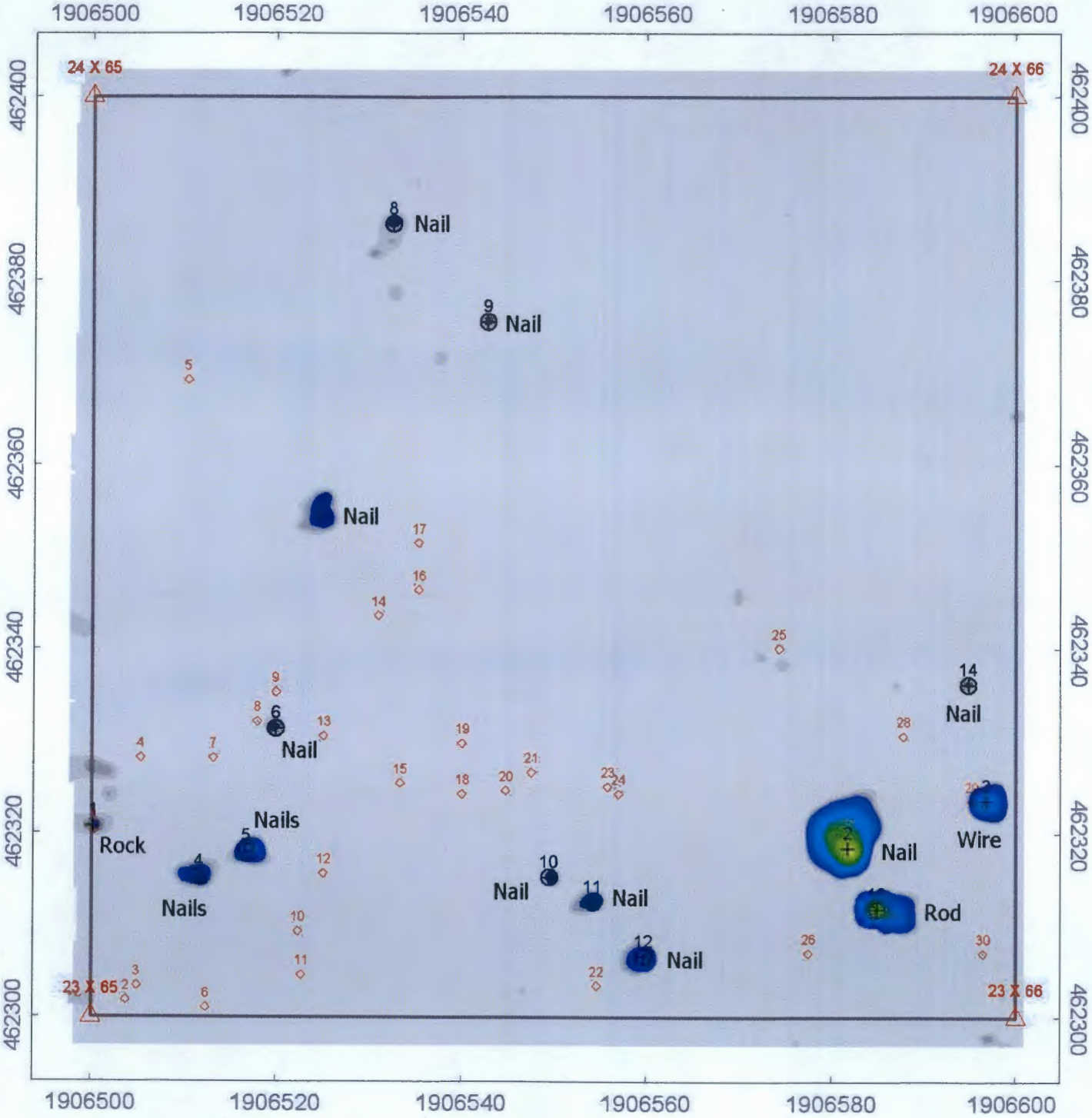
TerranearPMC

ARM GEOPHYSICS

Figure 38 GRID 23X65V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford, WA

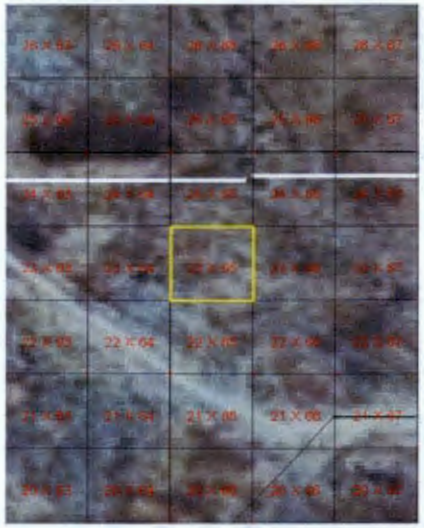


Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-18-2011	File:	23X65V
Coordinate System:	NAD83 WA Sth State Plane Feet		

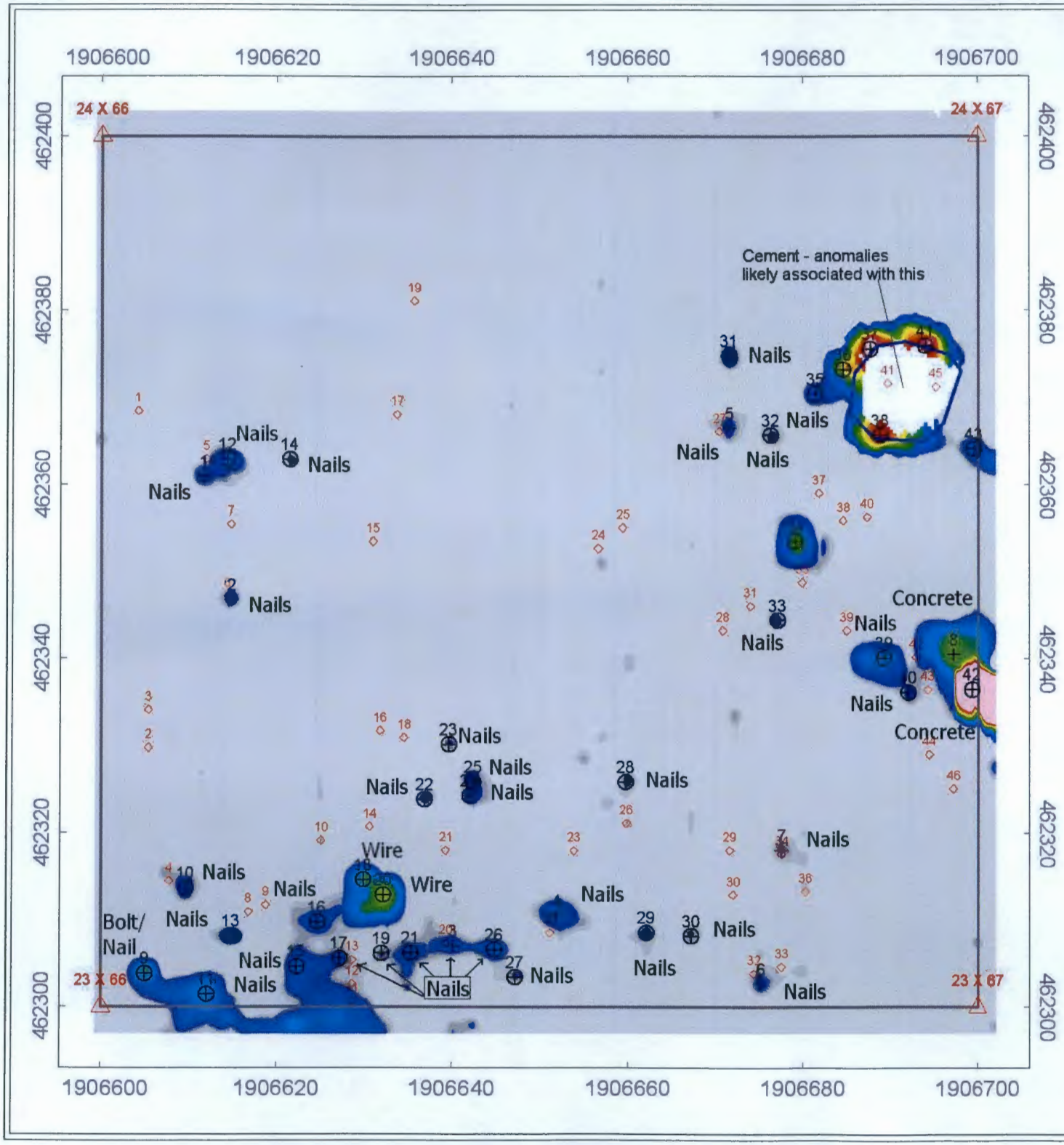
TerranearPMC

ARM GEOPHYSICS

Figure 39 GRID 23X66V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

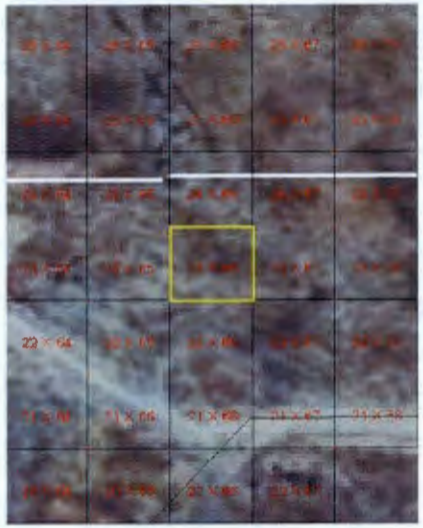
Former Hanford Small Arms Range
Hanford, WA



Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC		
PROJECT:	Hanford, WA		
CONTRACTOR:	ARM Geophysics		
Created By:	IDW	Verified By:	IDW
Date:	Mar-18-2011	File:	23X66V
Coordinate System:	NAD83 WA Sth State Plane Feet		

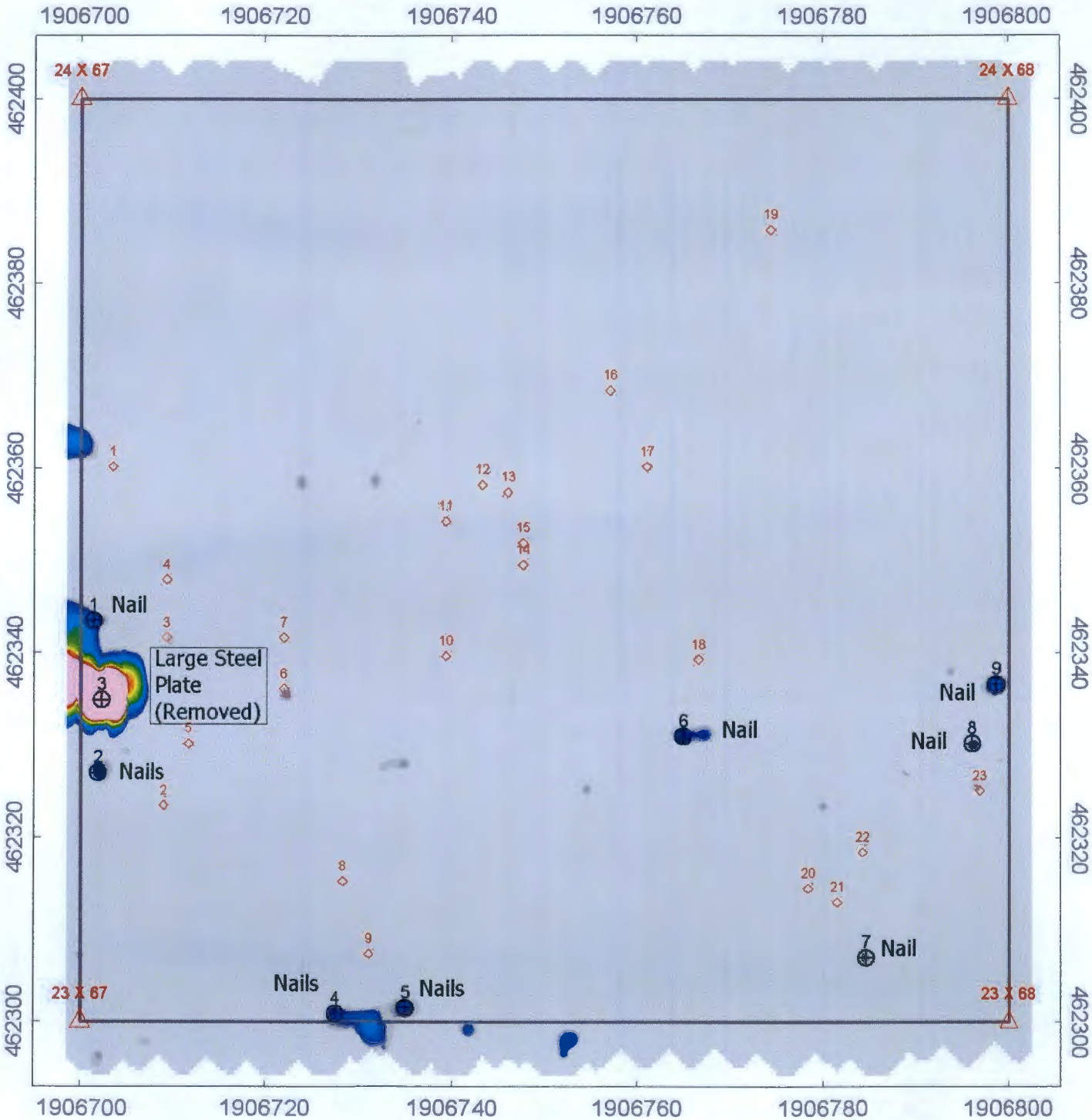
TerranearPMC

ARM GEOPHYSICS

Figure 40 GRID 23X67V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

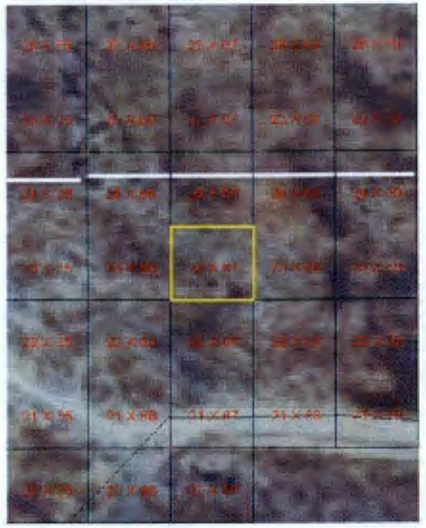
Former Hanford Small Arms Range
Hanford, WA



Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-18-2011	File:	23X67V
Coordinate System:	NAD83 WA Sth State Plane Feet		

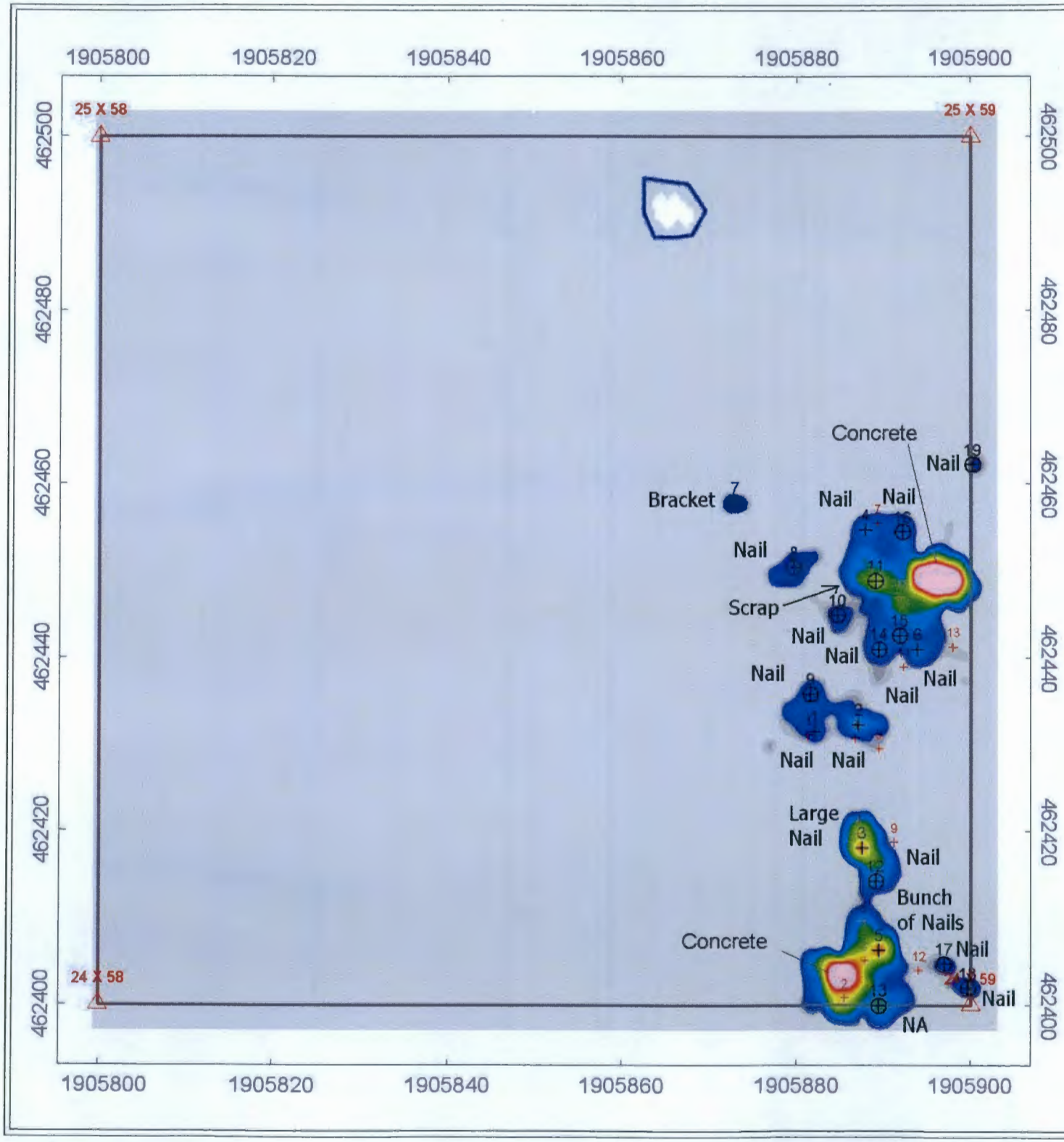
TerranearPMC

ARM GEOPHYSICS

Figure 41 GRID 24X58V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford. WA

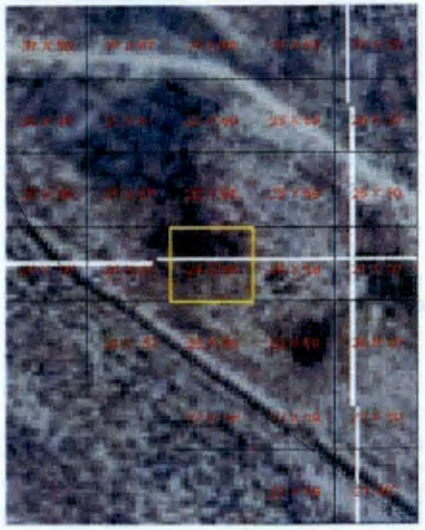


Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-12-2011	File:	24X58V
Coordinate System:	NAD83 WA Sth State Plane Feet		

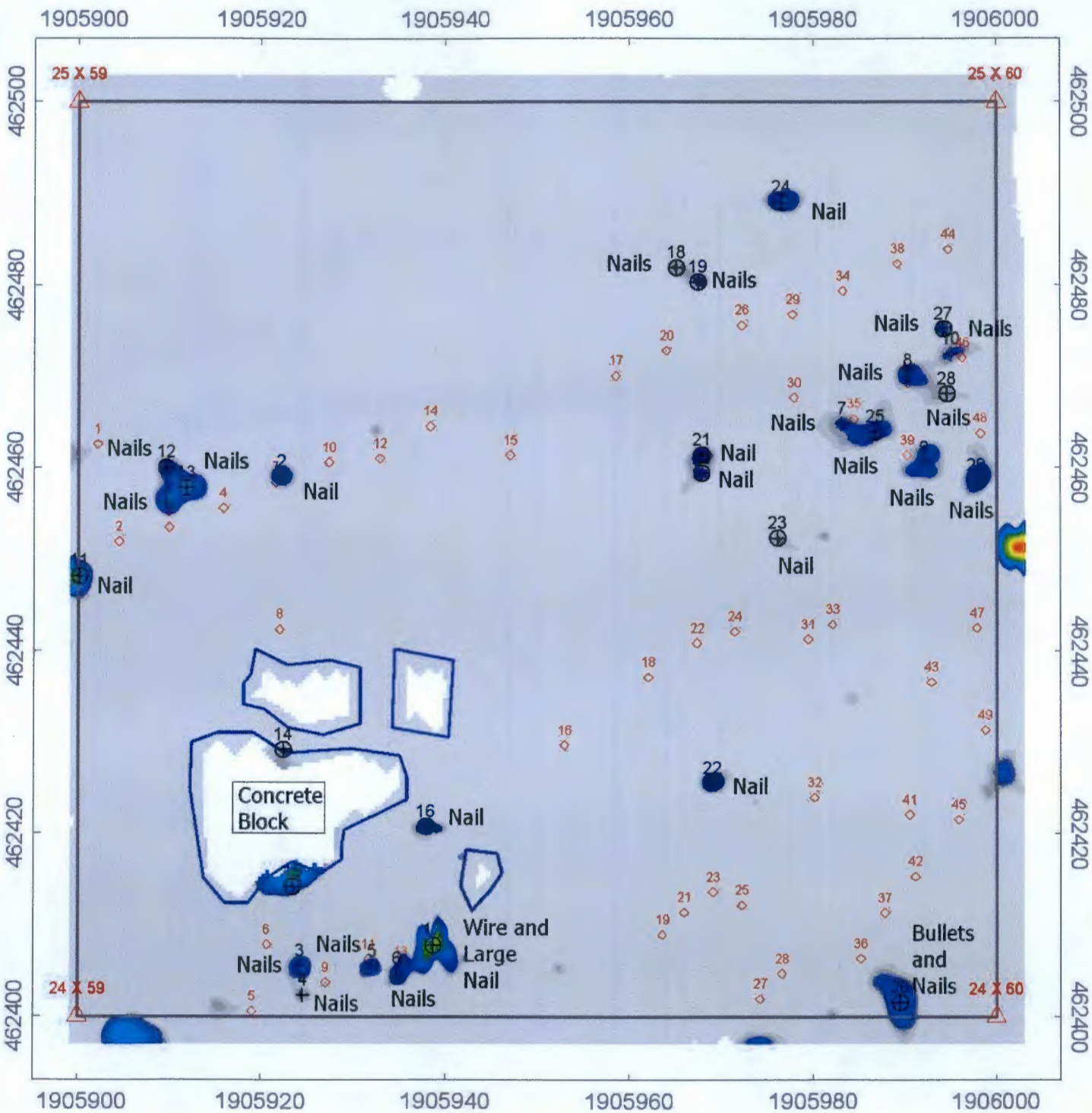
TerranearPMC

ARM GEOPHYSICS

Figure 42 GRID 24X59V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

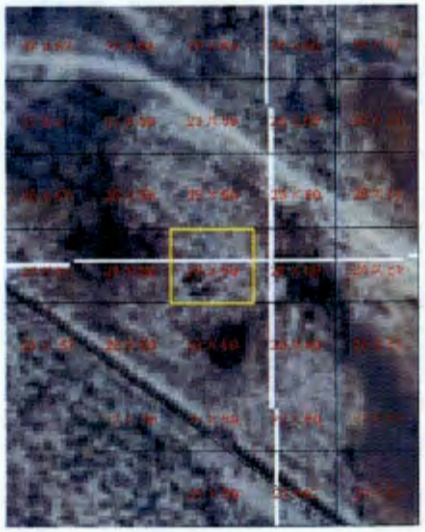
Former Hanford Small Arms Range
Hanford, WA



Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-12-2011	File:	24X59V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

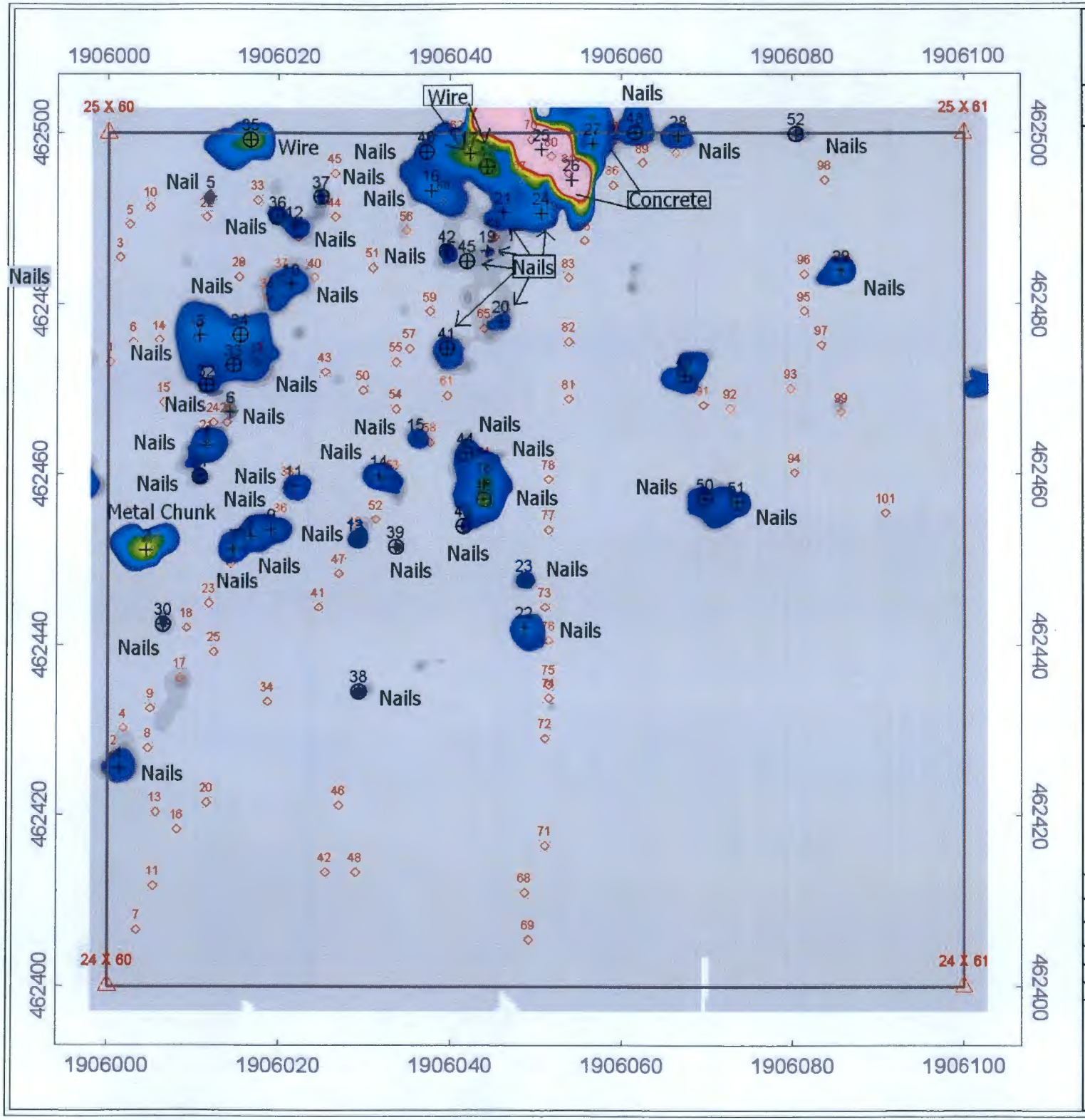


Figure 43 GRID 24X60V

Verification Survey and Reacquisition Results

GPS Positioned Single Coil EM61

Former Hanford Small Arms Range

Hanford, WA

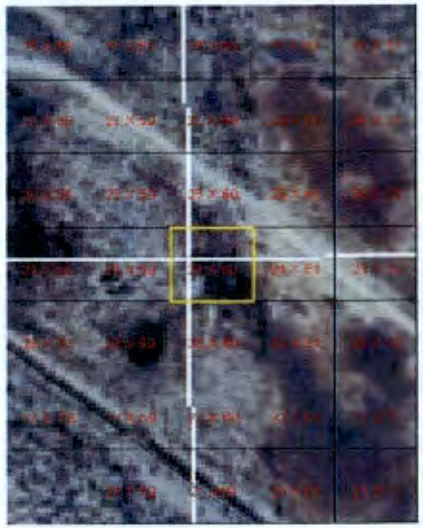
Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)

mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-15-2011	File:	24X60V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

Figure 44 GRID 24X61V

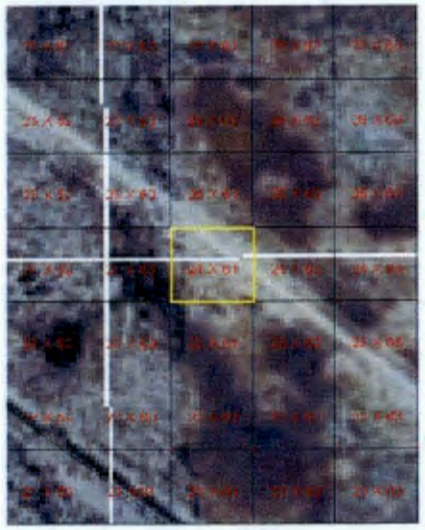
Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford. WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC		
PROJECT:	Hanford, WA		
CONTRACTOR:	ARM Geophysics		
Created By:	IDW	Verified By:	IDW
Date:	Mar-15-2011	File:	24X61V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

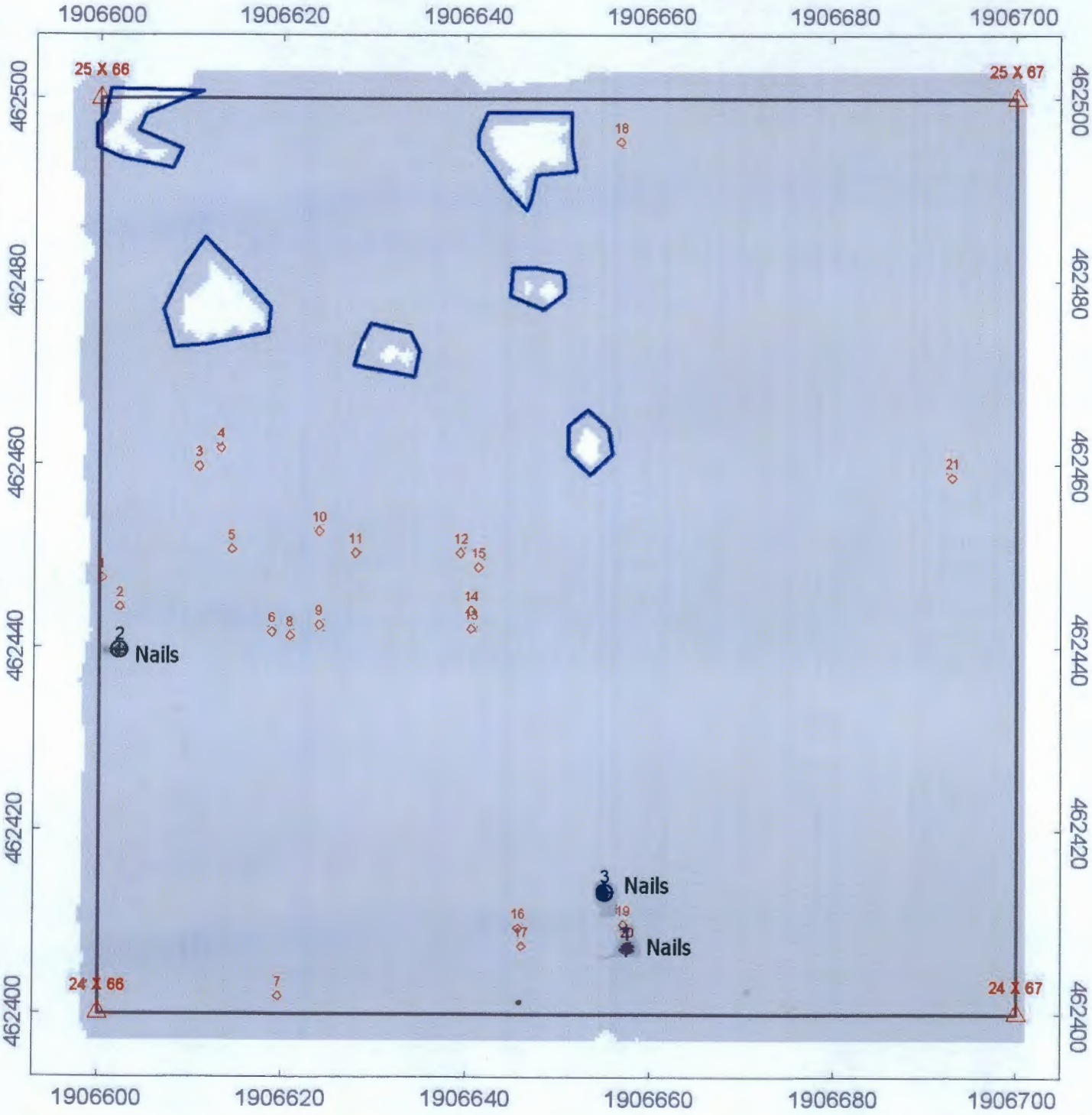


Figure 45 GRID 24X66V

Verification Survey and Reacquisition Results

GPS Positioned Single Coil EM61

Former Hanford Small Arms Range

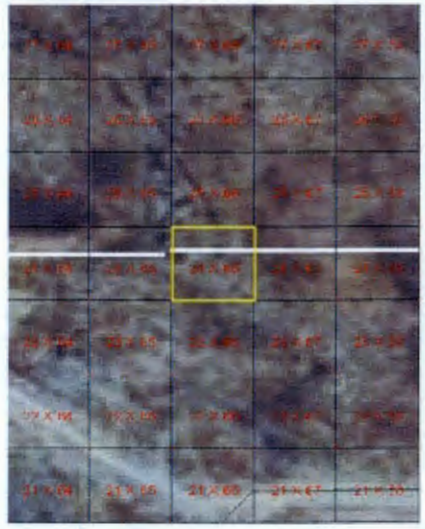
Hanford. WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Interpreted Anomaly - Class 1
- Interpreted Anomaly - Class 2

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-18-2011	File:	24X66V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

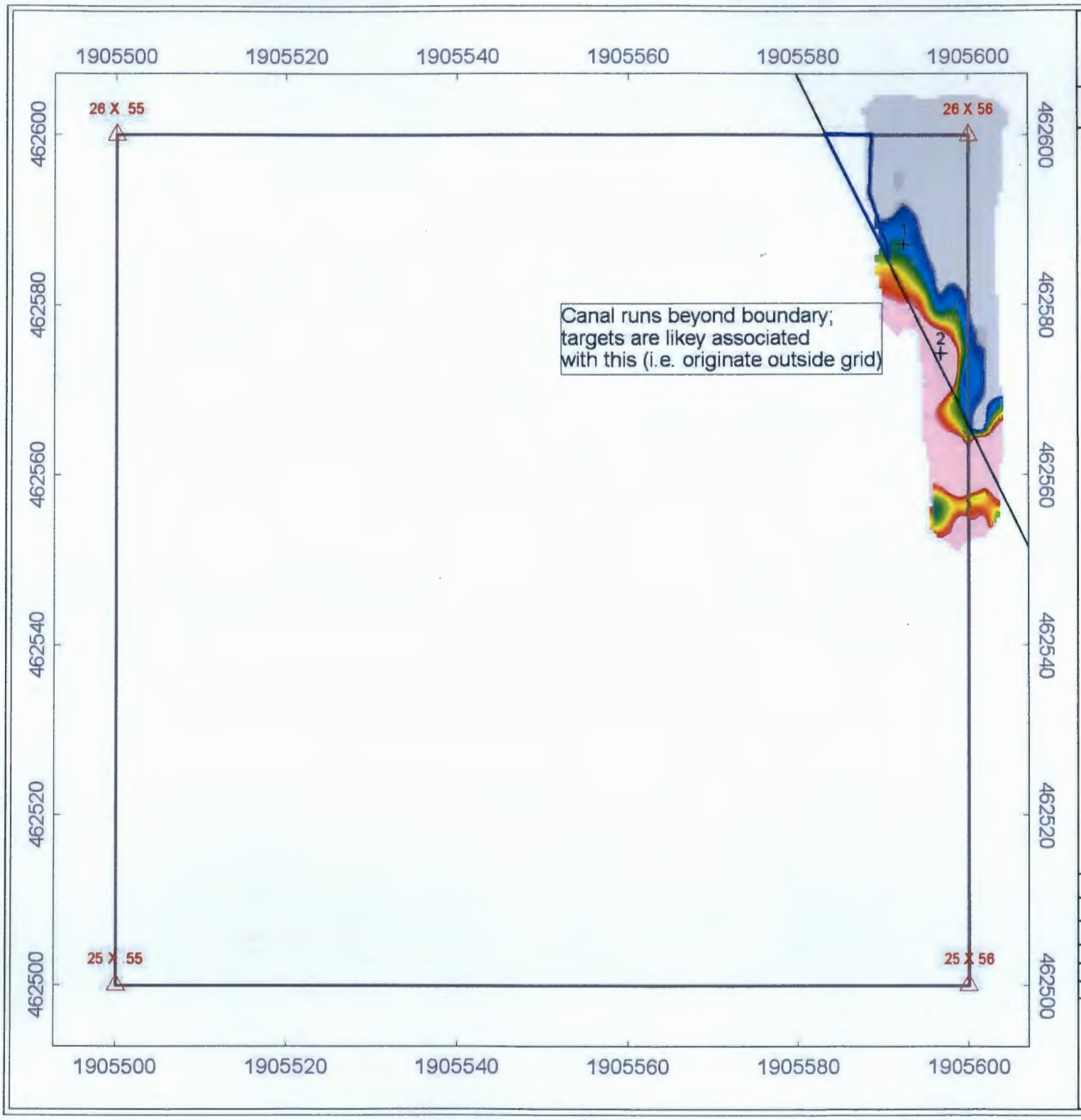


Figure 46 GRID 25X55V

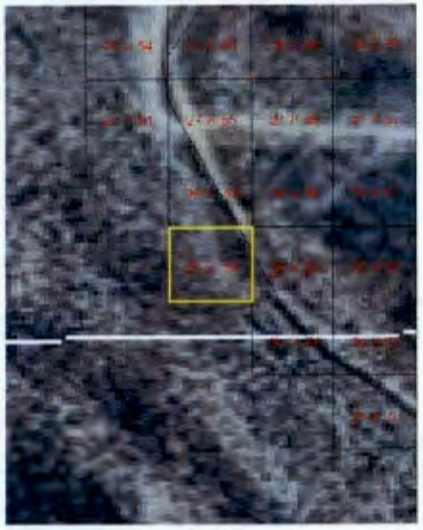
Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 25 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC		
PROJECT:	Hanford, WA		
CONTRACTOR:	ARM Geophysics		
Created By:	IDW	Verified By:	IDW
Date:	Mar-22-2011	File:	25X55V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

Figure 47 GRID 25X56V

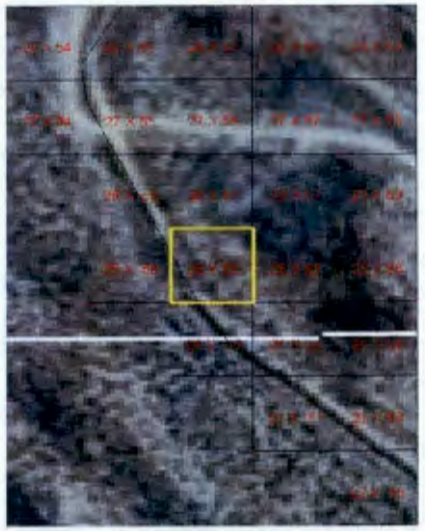
Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford. WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-10-2011	File:	25X56V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

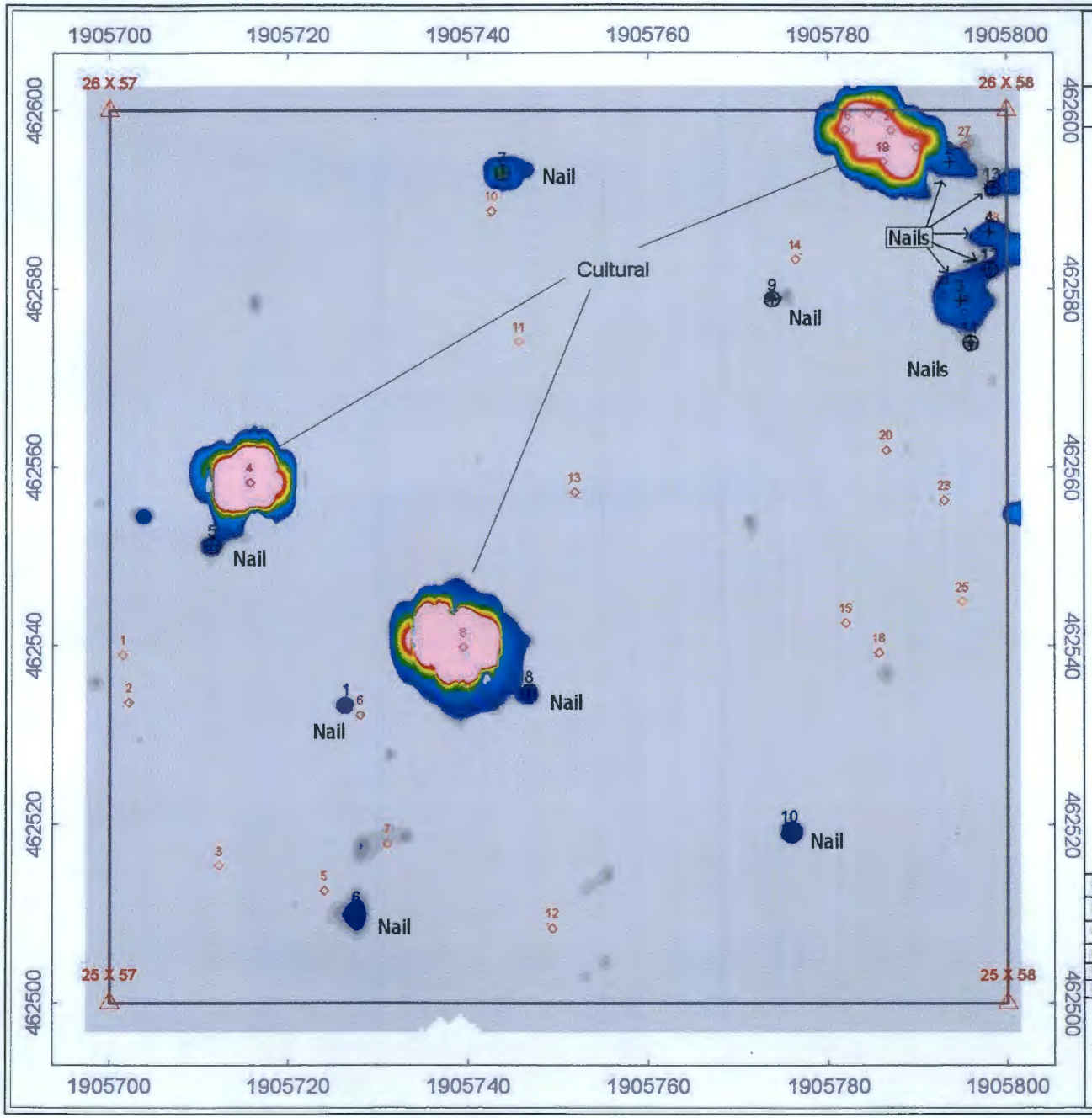


Figure 48 GRID 25X57V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

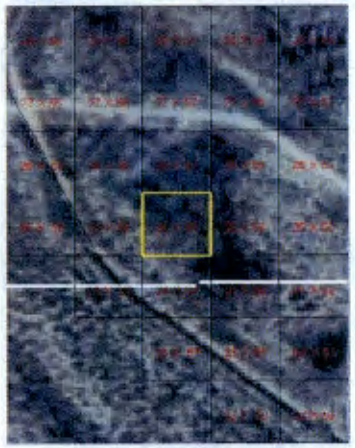
Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:656.5272

10 0 10 20

(meters)

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics
Created By: IDW	Verified By: IDW
Date: Mar.10.2011	File: 25X57V
Coordinate System:	NAD83 WA Sth State Plane Feet

TerranearPMC

ARM GEOPHYSICS

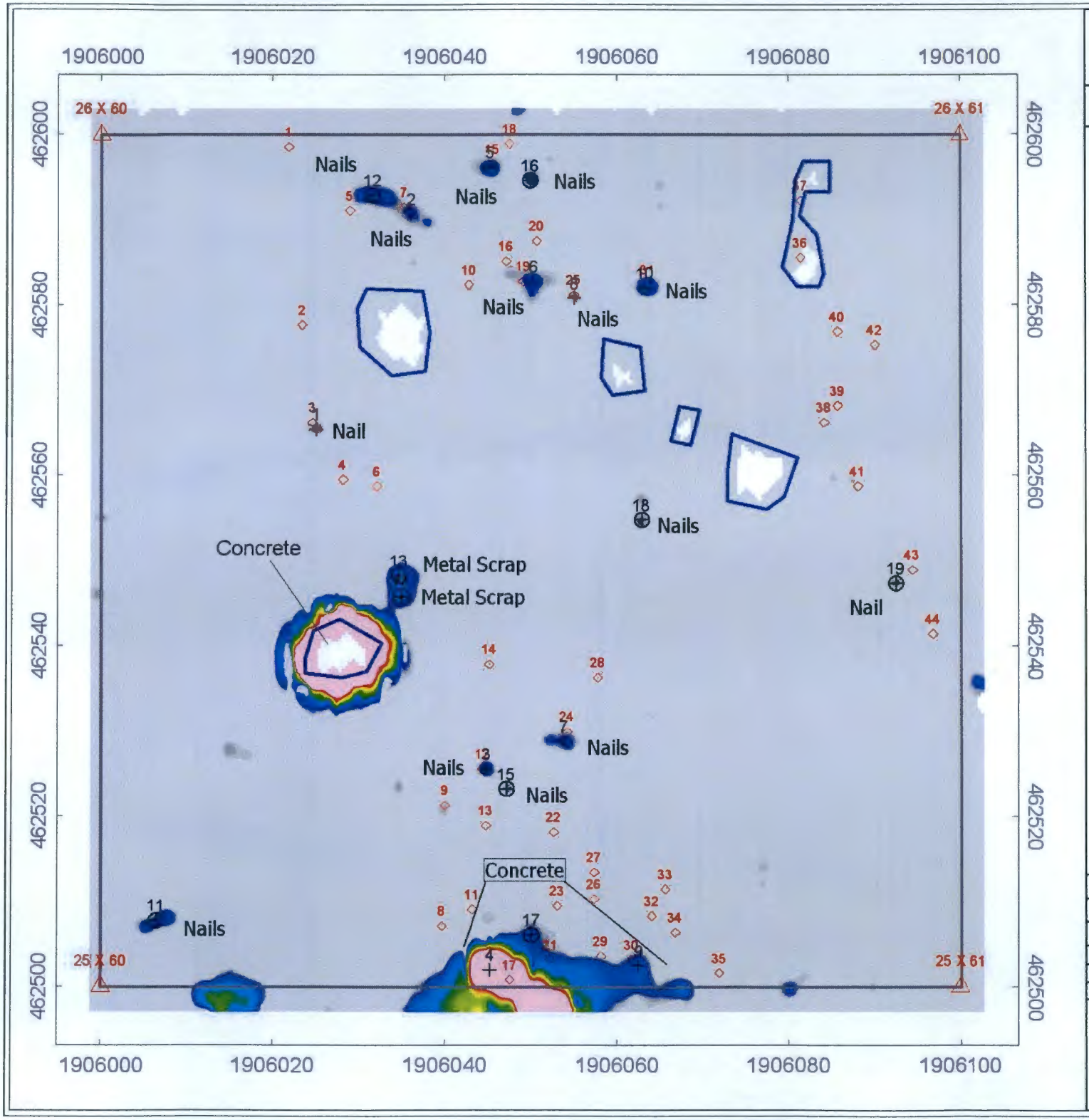


Figure 49 GRID 25X60V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

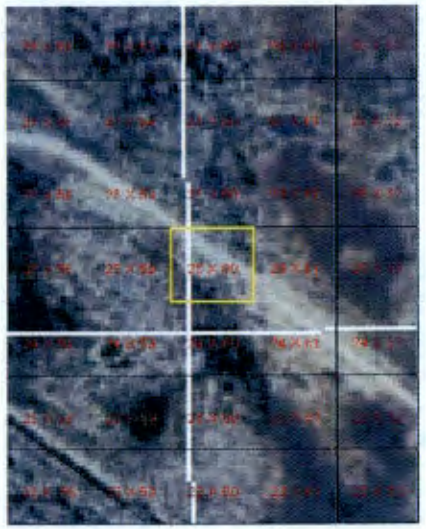
Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Interpreted Anomaly - Class 1
- Interpreted Anomaly - Class 2

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-15-2011	File:	25X60V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

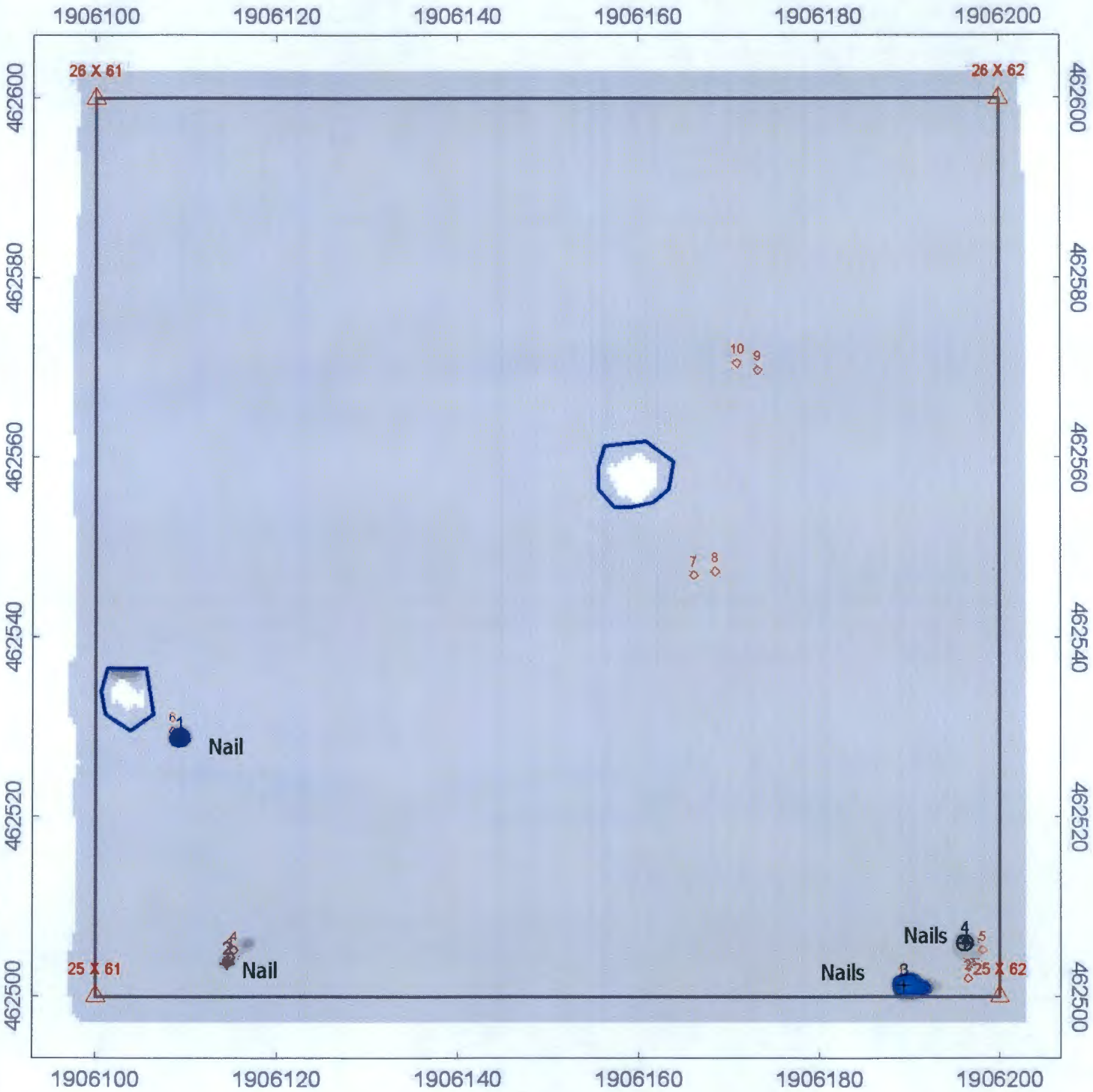


Figure 50 GRID 25X61V

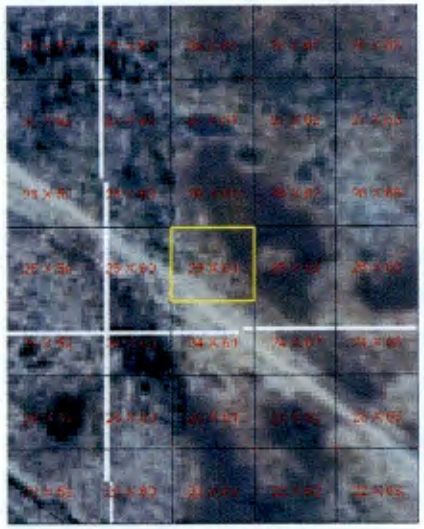
Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-15-2011	File:	25X61V
Coordinate System:	NAD83 WA Sth State Plane Feet		

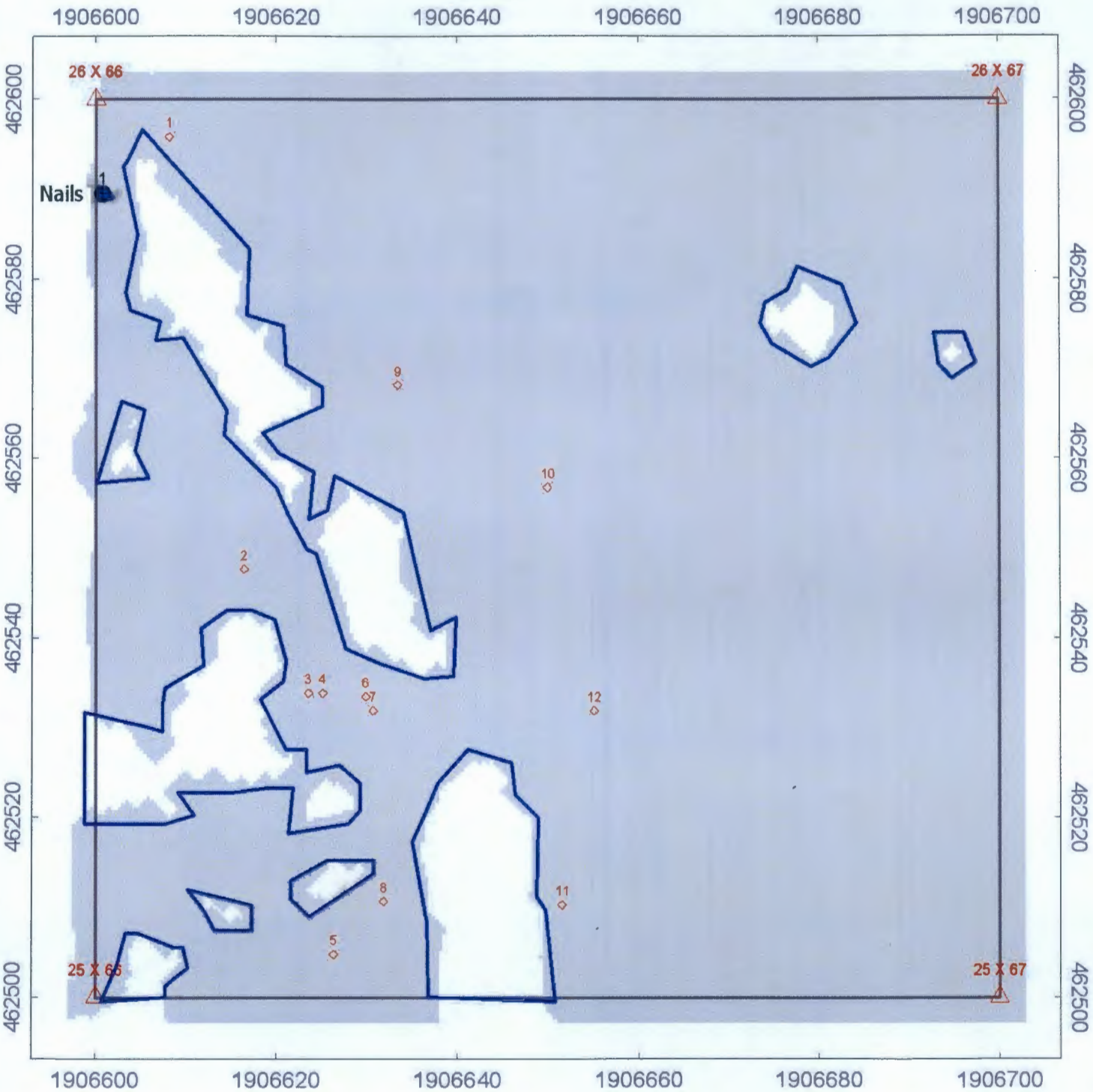
TerranearPMC

ARM GEOPHYSICS

Figure 51 GRID 25X66V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford. WA

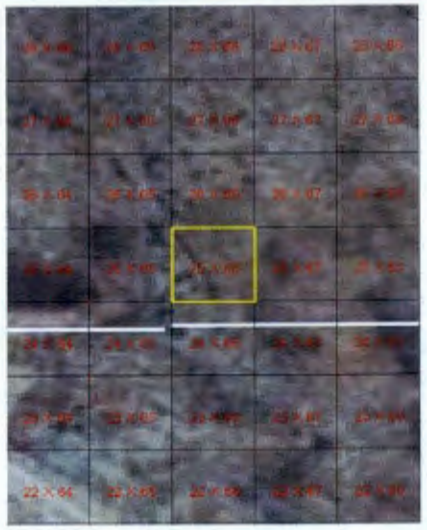


Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-18-2011	File:	25X66V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

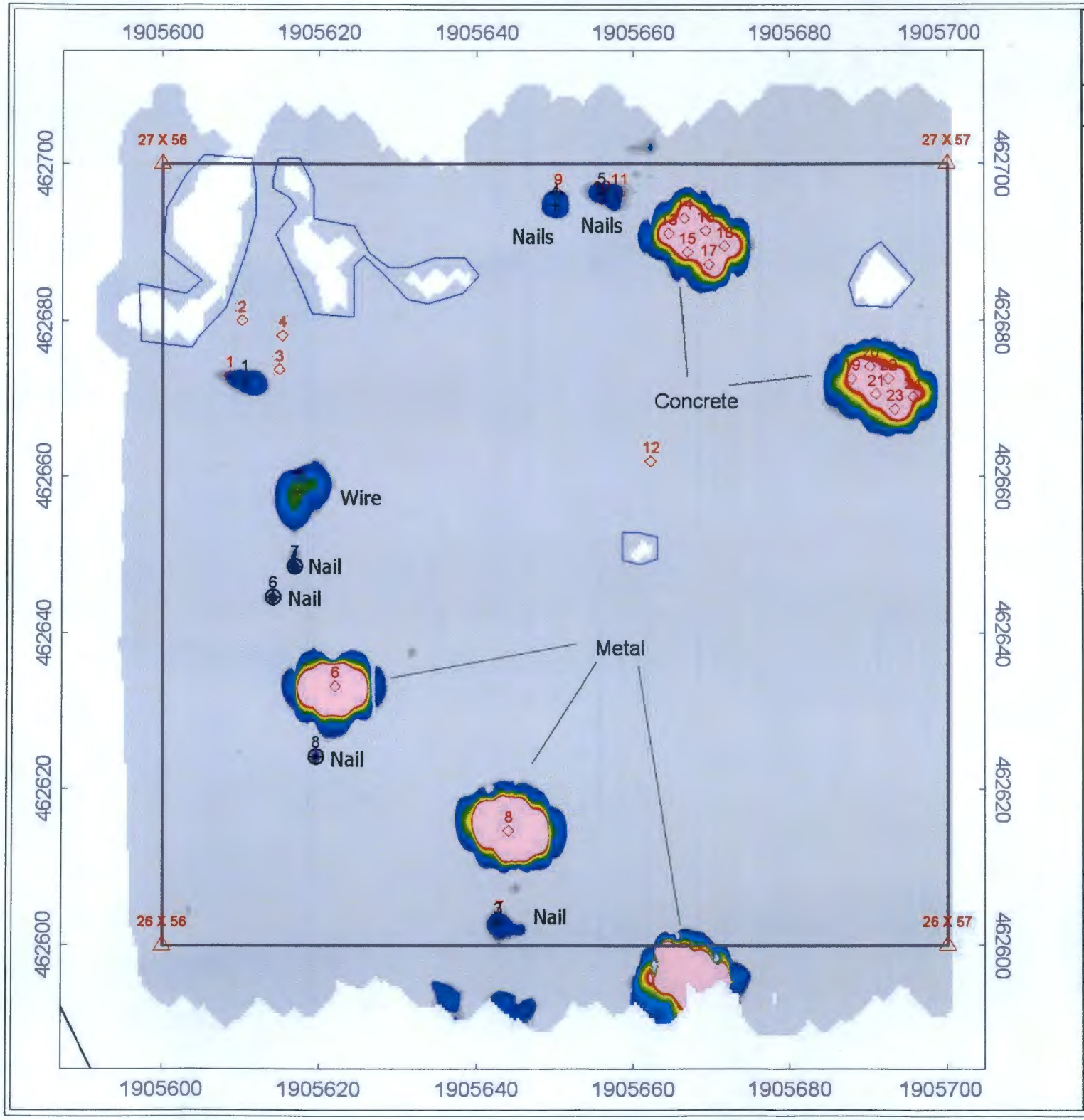


Figure 52 GRID 26X56V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

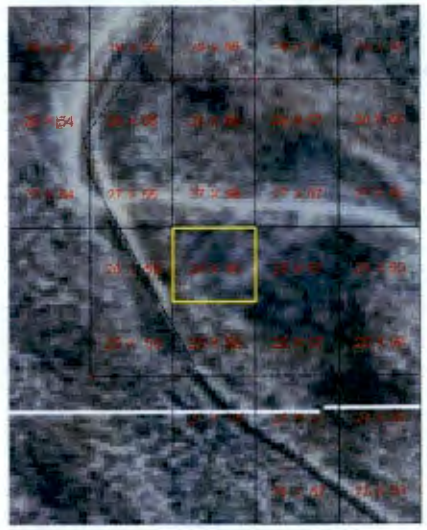
Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 25 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:229.167

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics
Created By: IDW	Verified By: IDW
Date: Mar-9-2011	File: 26X56V
Coordinate System:	NAD83 WA Sth State Plane Feet

TerranearPMC

ARM GEOPHYSICS

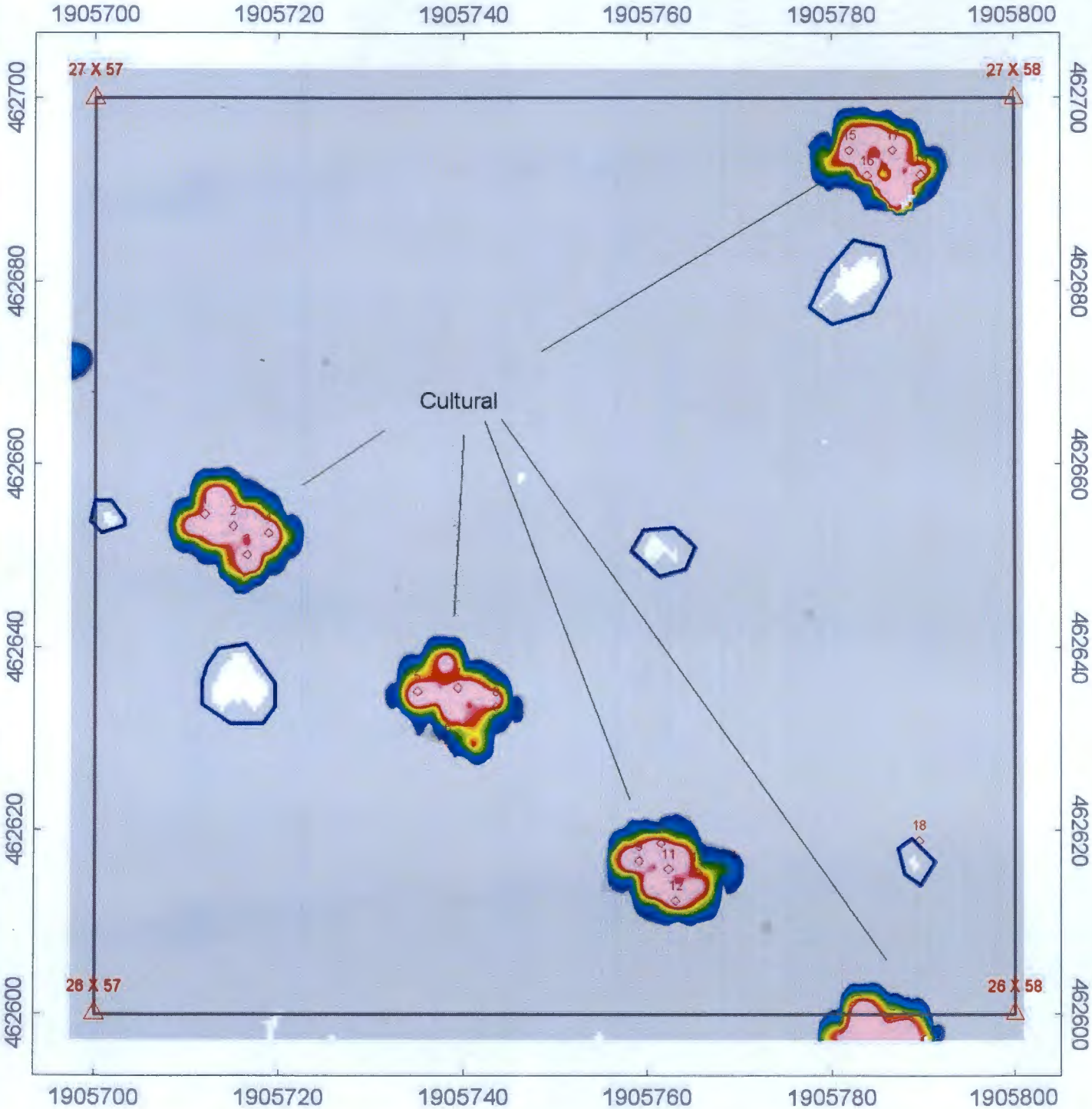


Figure 53 GRID 26X57V

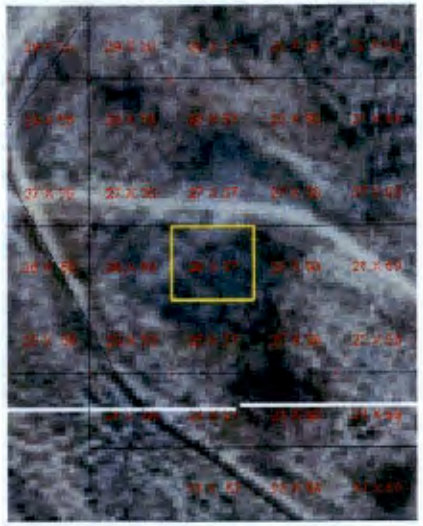
Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford. WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-10-2011	File:	26X57V
Coordinate System:	NAD83 WA Sth State Plane Feet		

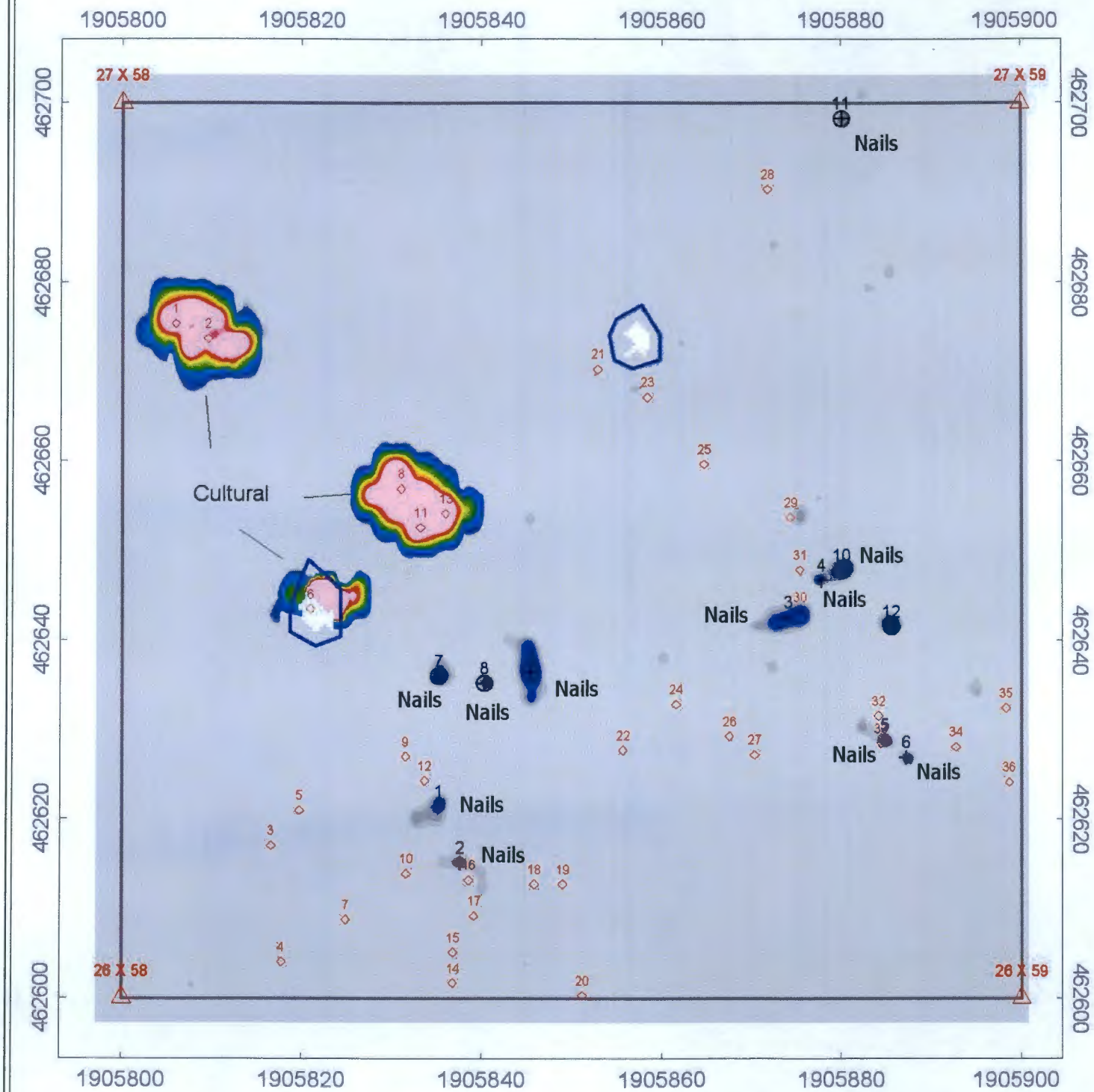
TerranearPMC

ARM GEOPHYSICS

Figure 54 GRID 26X58V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

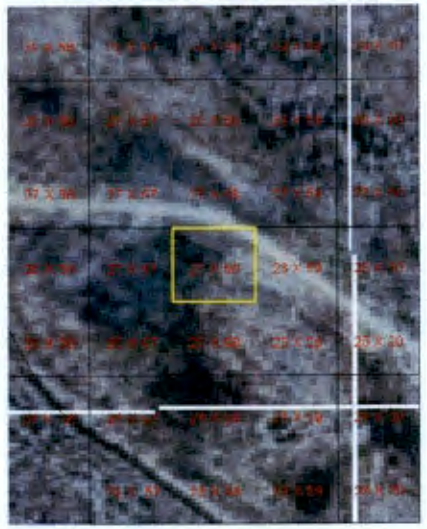
Former Hanford Small Arms Range
Hanford, WA



Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-11-2011	File:	26X58V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

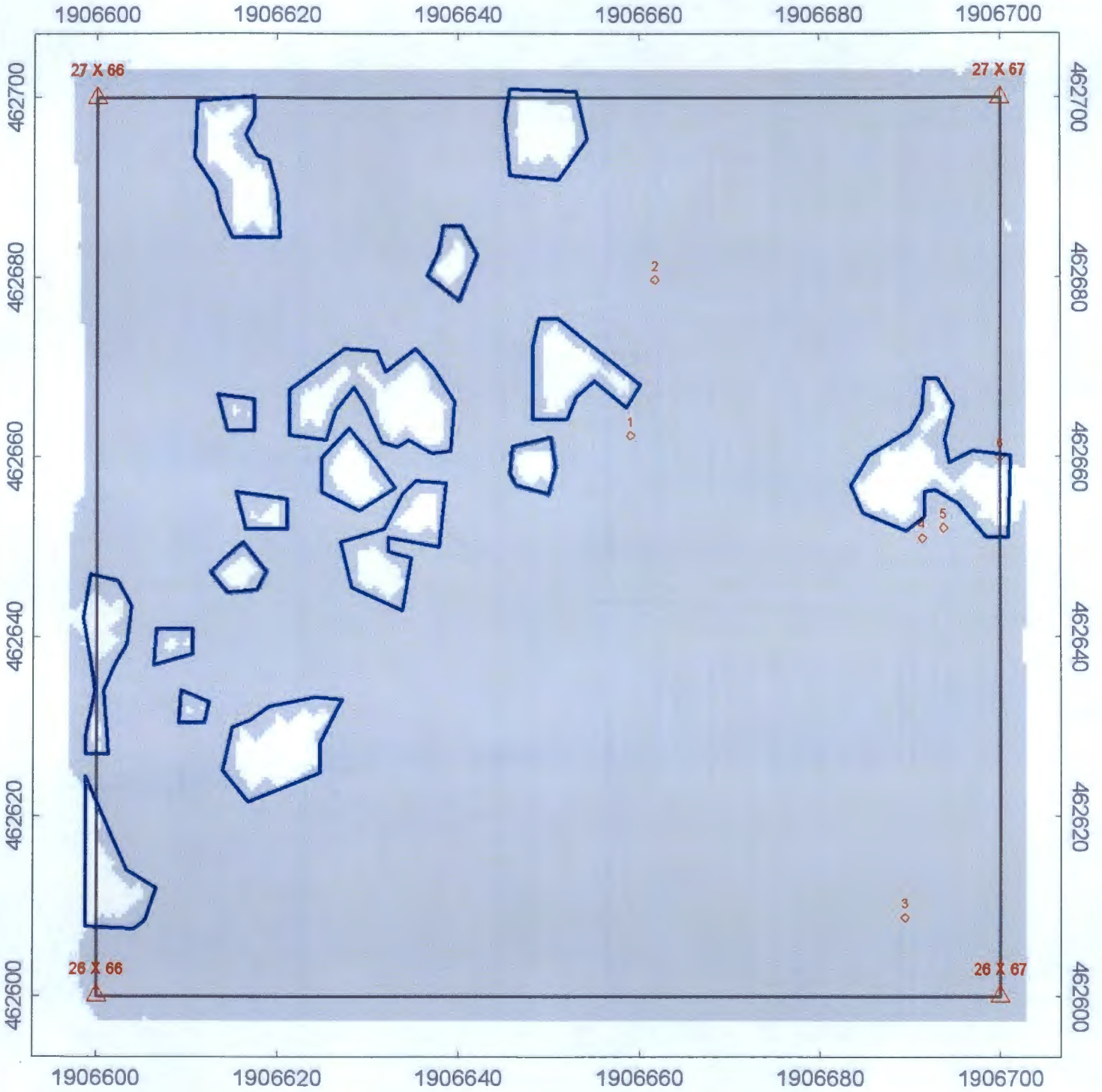


Figure 55 GRID 26X66V

Verification Survey and Reacquisition Results

GPS Positioned Single Coil EM61

Former Hanford Small Arms Range

Hanford, WA

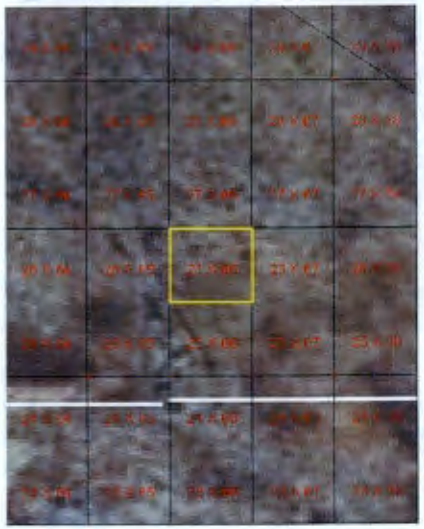
Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)

mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-18-2011	File:	26X66V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

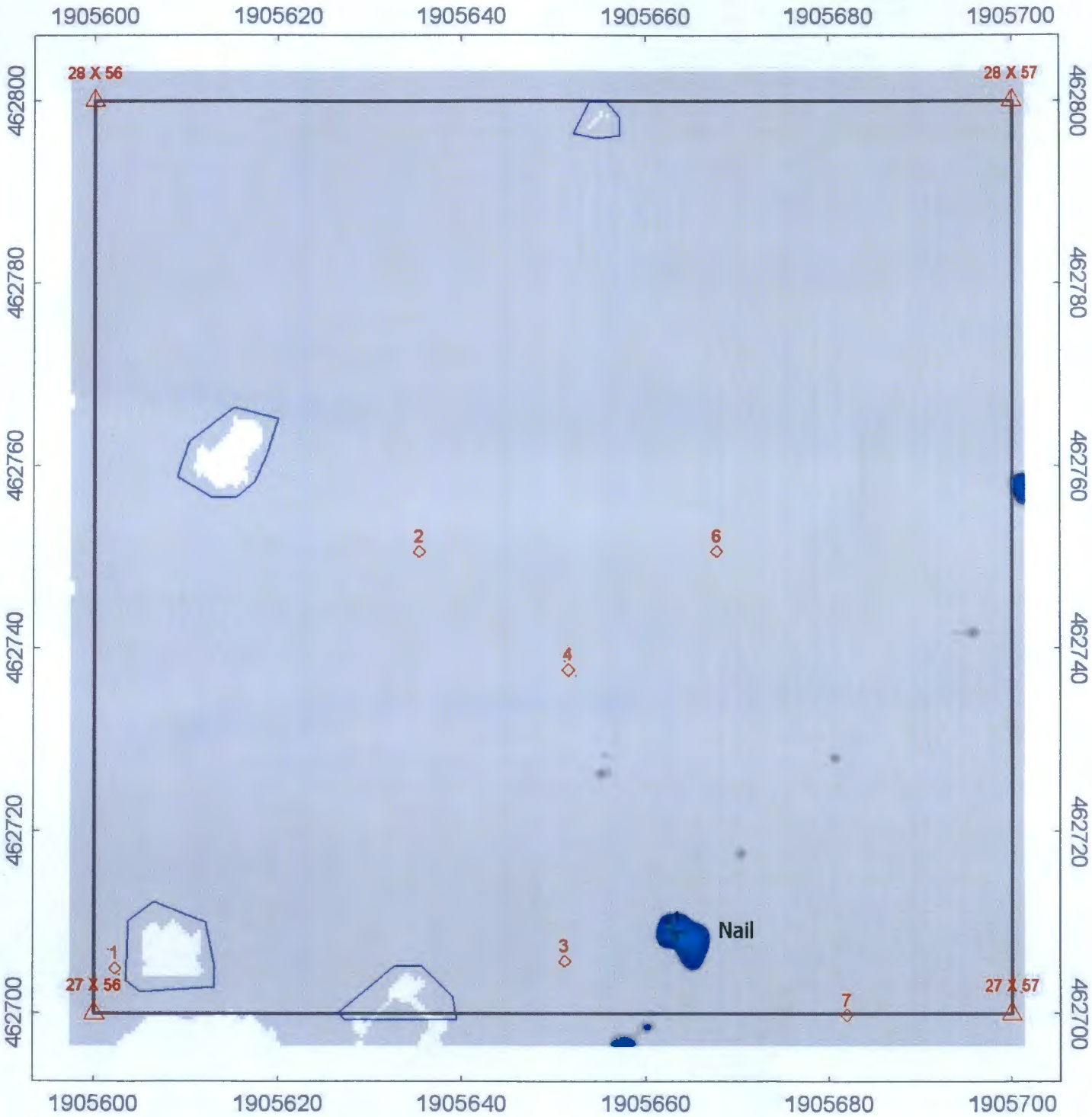


Figure 56 GRID 27X56V

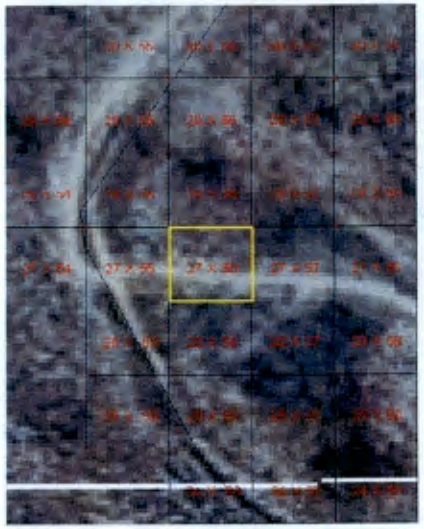
Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-9-2011	File:	27X56V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

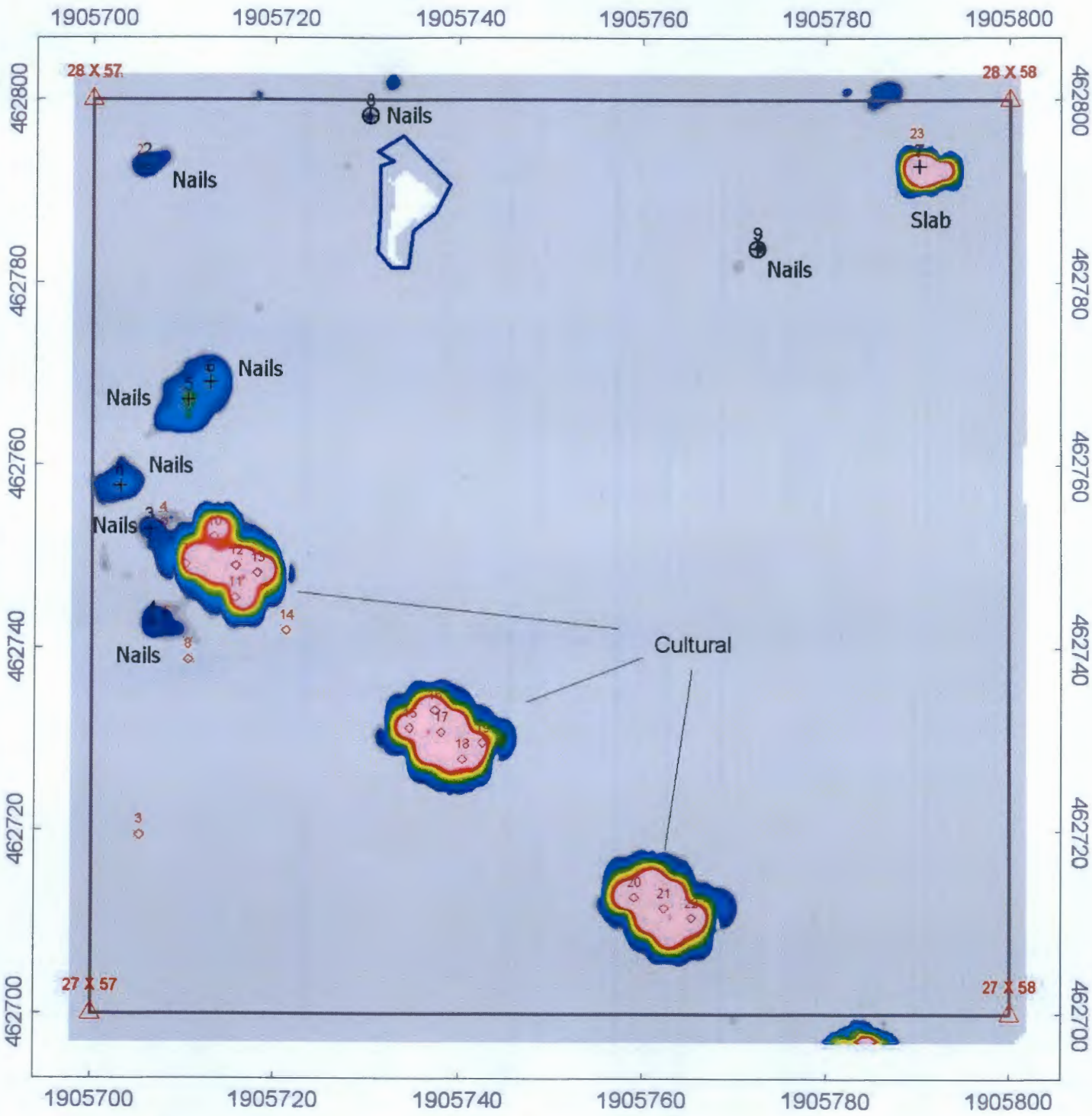


Figure 57 GRID 27X57V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

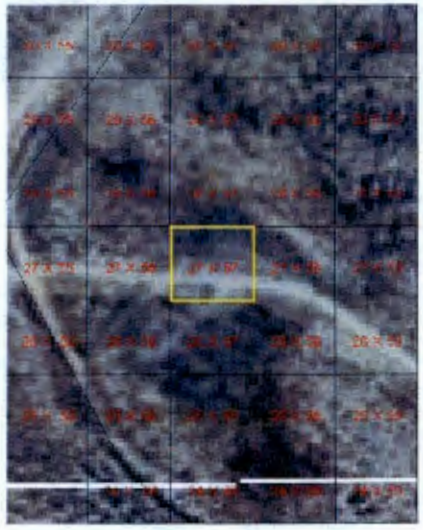
Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-10-2011	File:	27X57V
Coordinate System:	NAD83 WA Sth State Plane Feet		

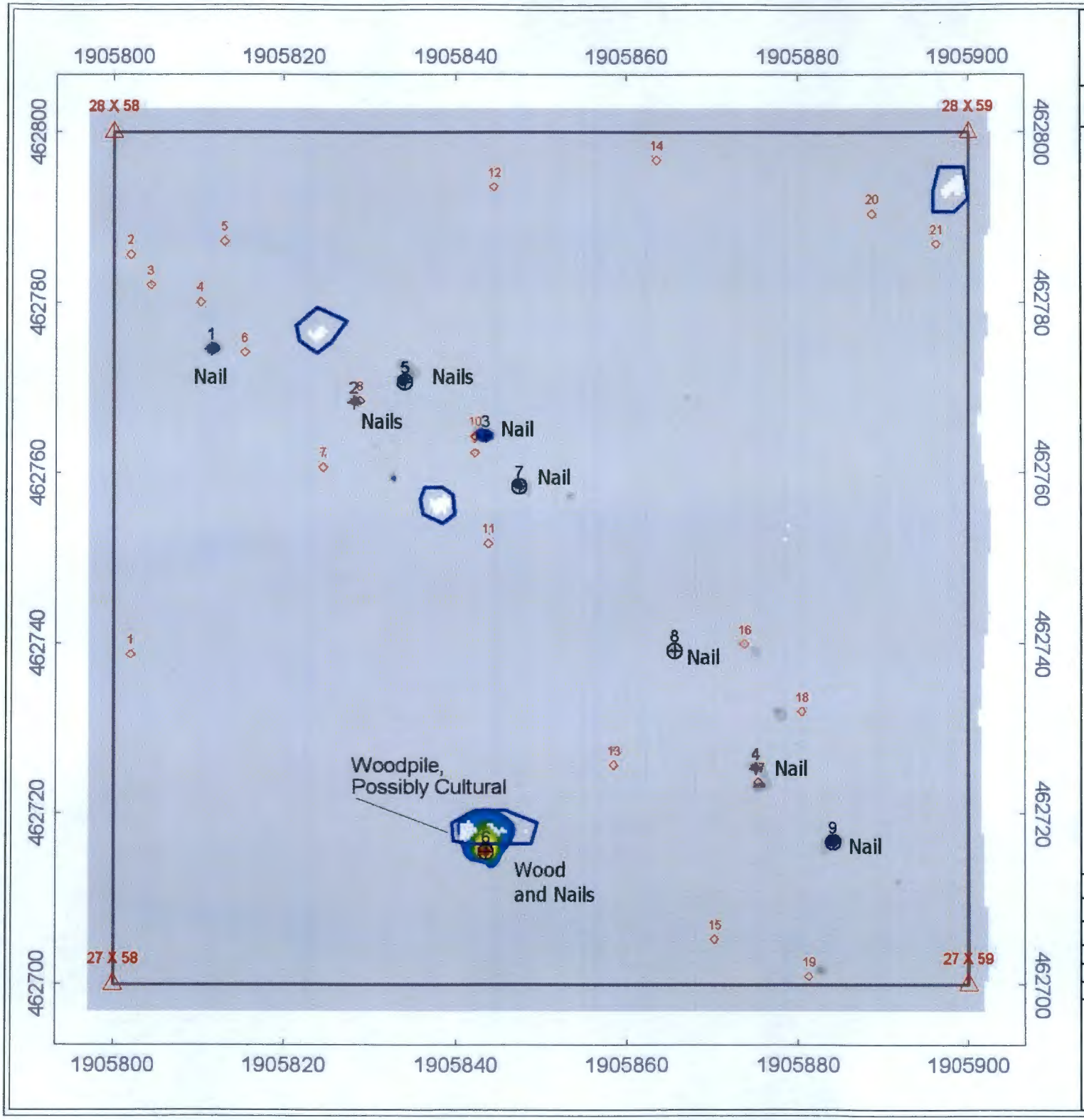
TerranearPMC

ARM GEOPHYSICS

Figure 58 GRID 27X58V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford, WA

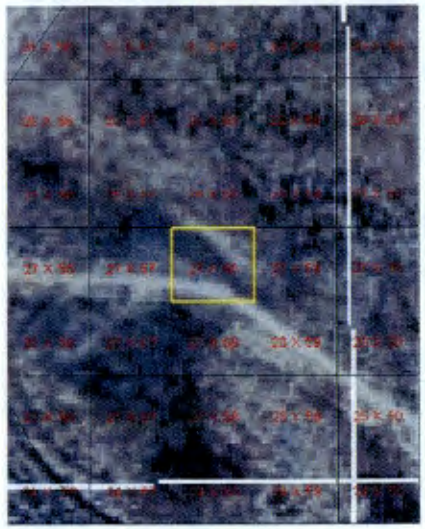


Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-11-2011	File:	27X58V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

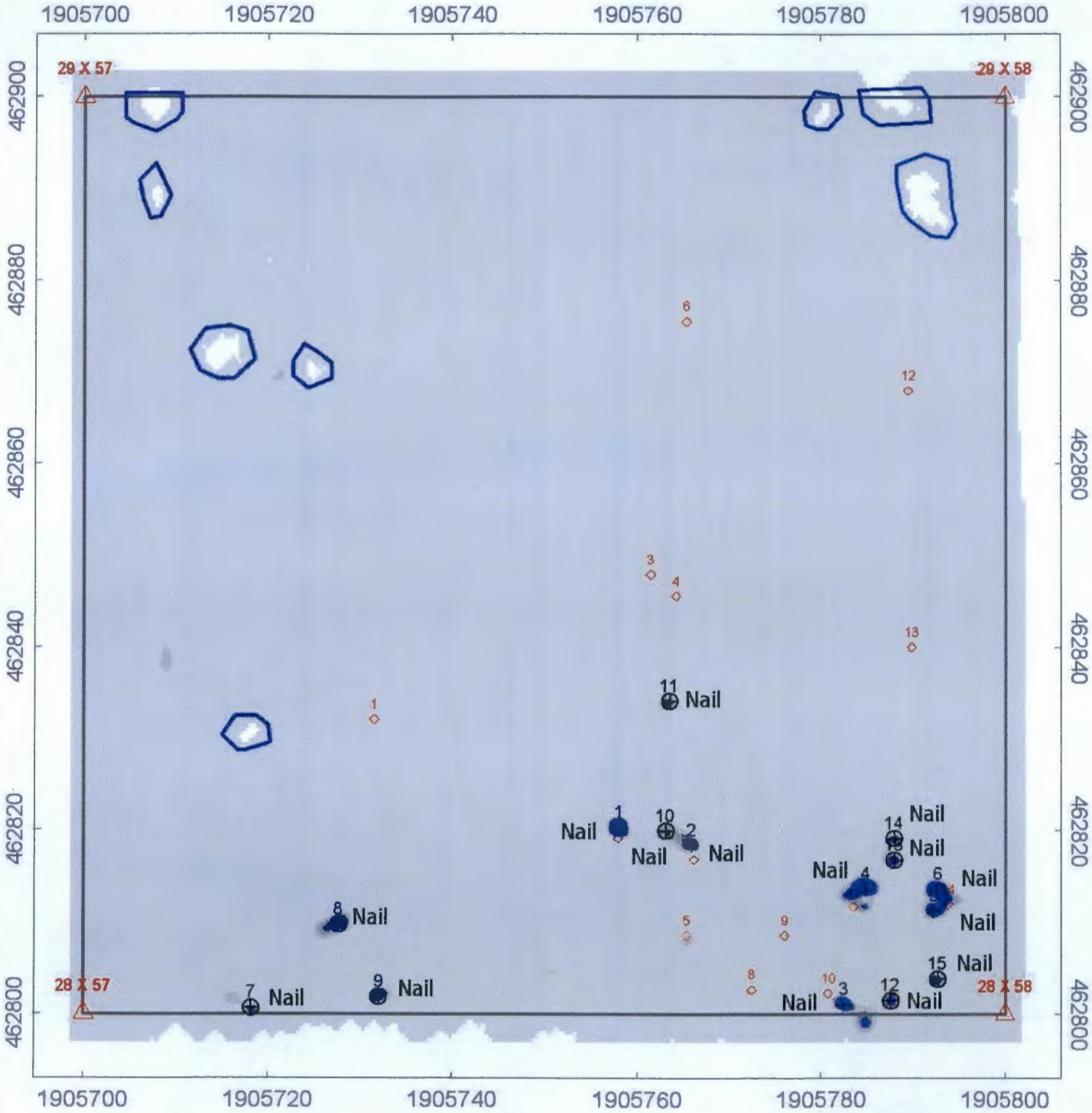


Figure 59 GRID 28X57V

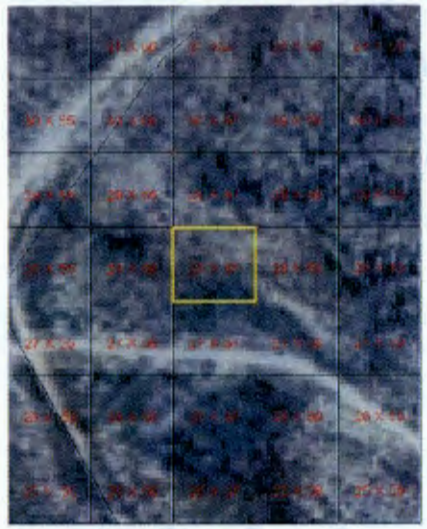
Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 25 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC		
PROJECT:	Hanford, WA		
CONTRACTOR:	ARM Geophysics		
Created By:	IDW	Verified By:	IDW
Date:	Mar-11-2011	File:	28X57V
Coordinate System:	NAD83 WA Sth State Plane Feet		

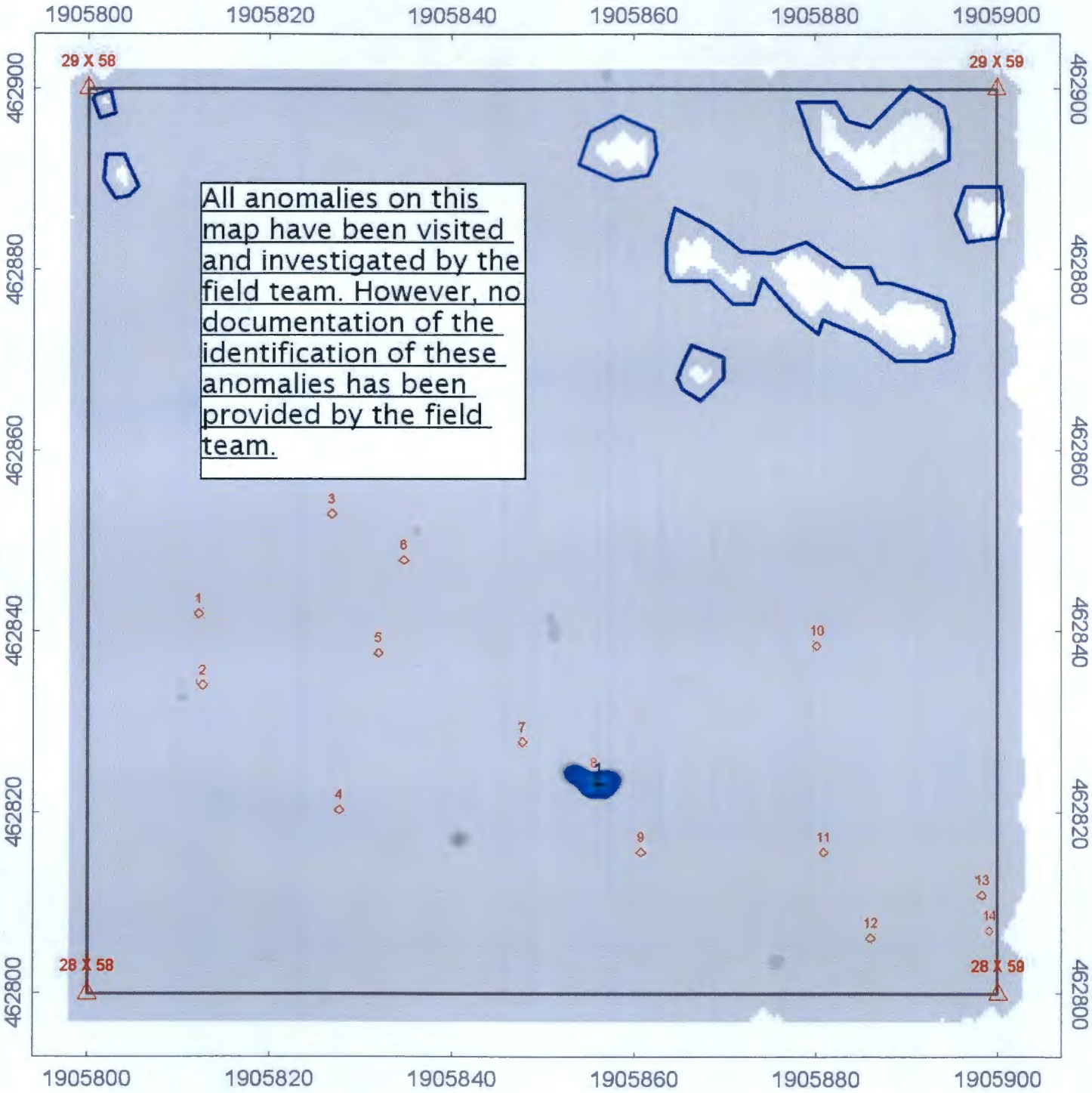
TerranearPMC

ARM Geophysics

Figure 60 GRID 28X58V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford. WA

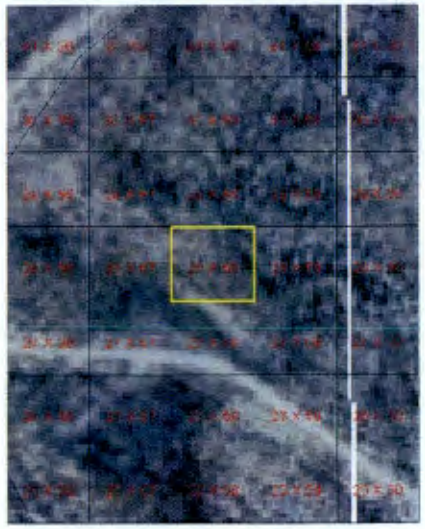


Legend

- Grid/Area Boundary
- Grid Corner
- 25 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-11-2011	File:	28X58V
Coordinate System:	NAD83 WA Sth State Plane Feet		

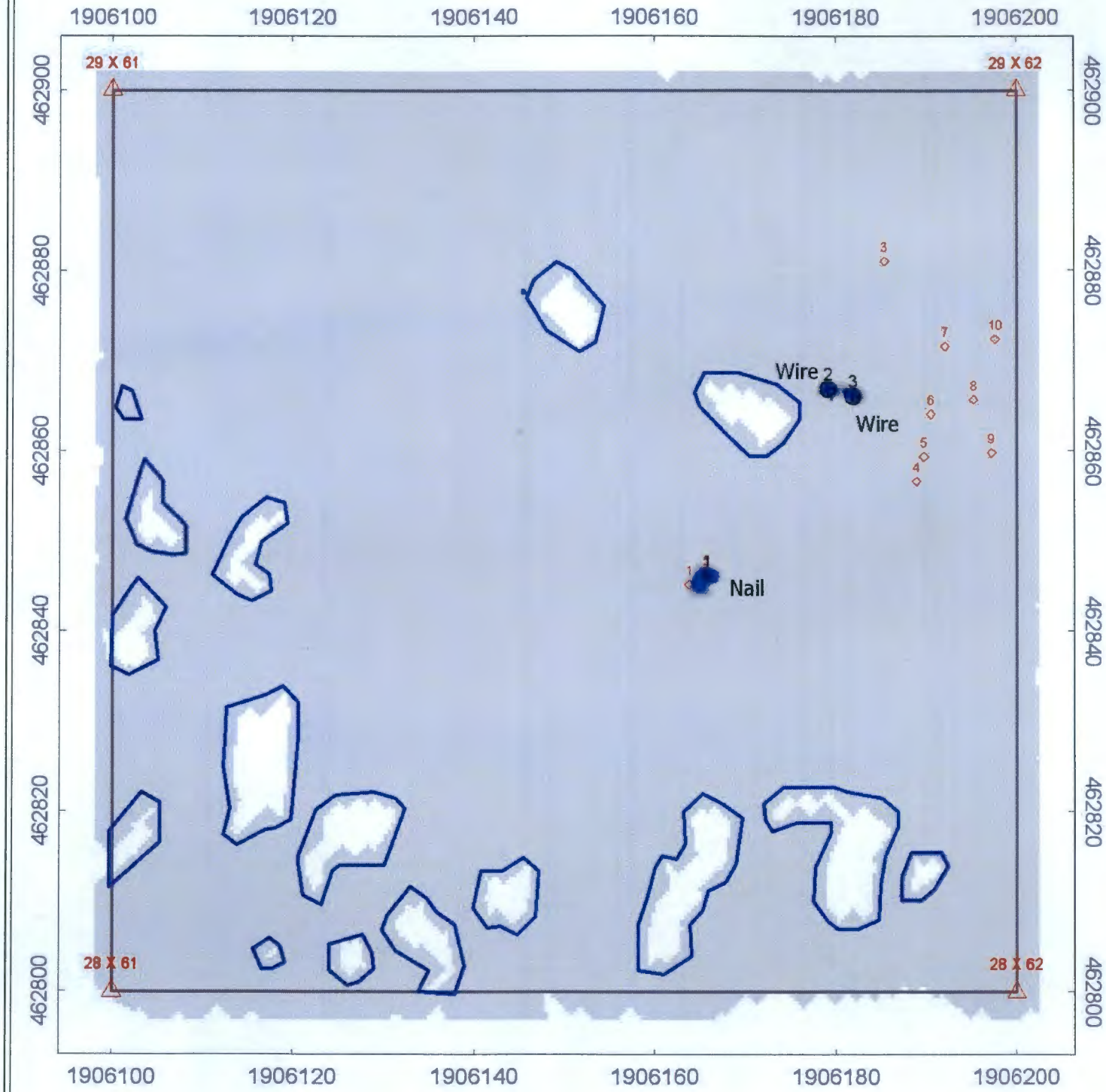
TerranearPMC

ARM GEOPHYSICS

Figure 61 GRID 28X61V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford, WA

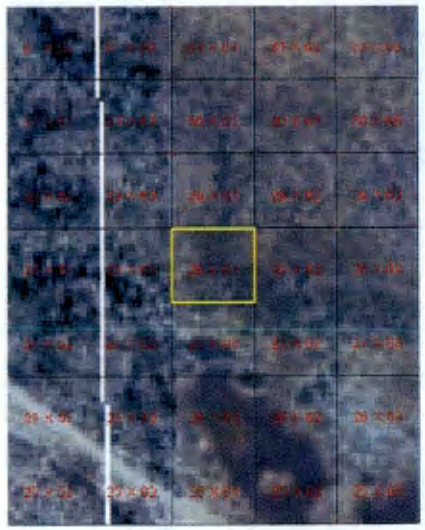


Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Interpreted Anomaly - Class 1
- Interpreted Anomaly - Class 2

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-12-2011	File:	28X61V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

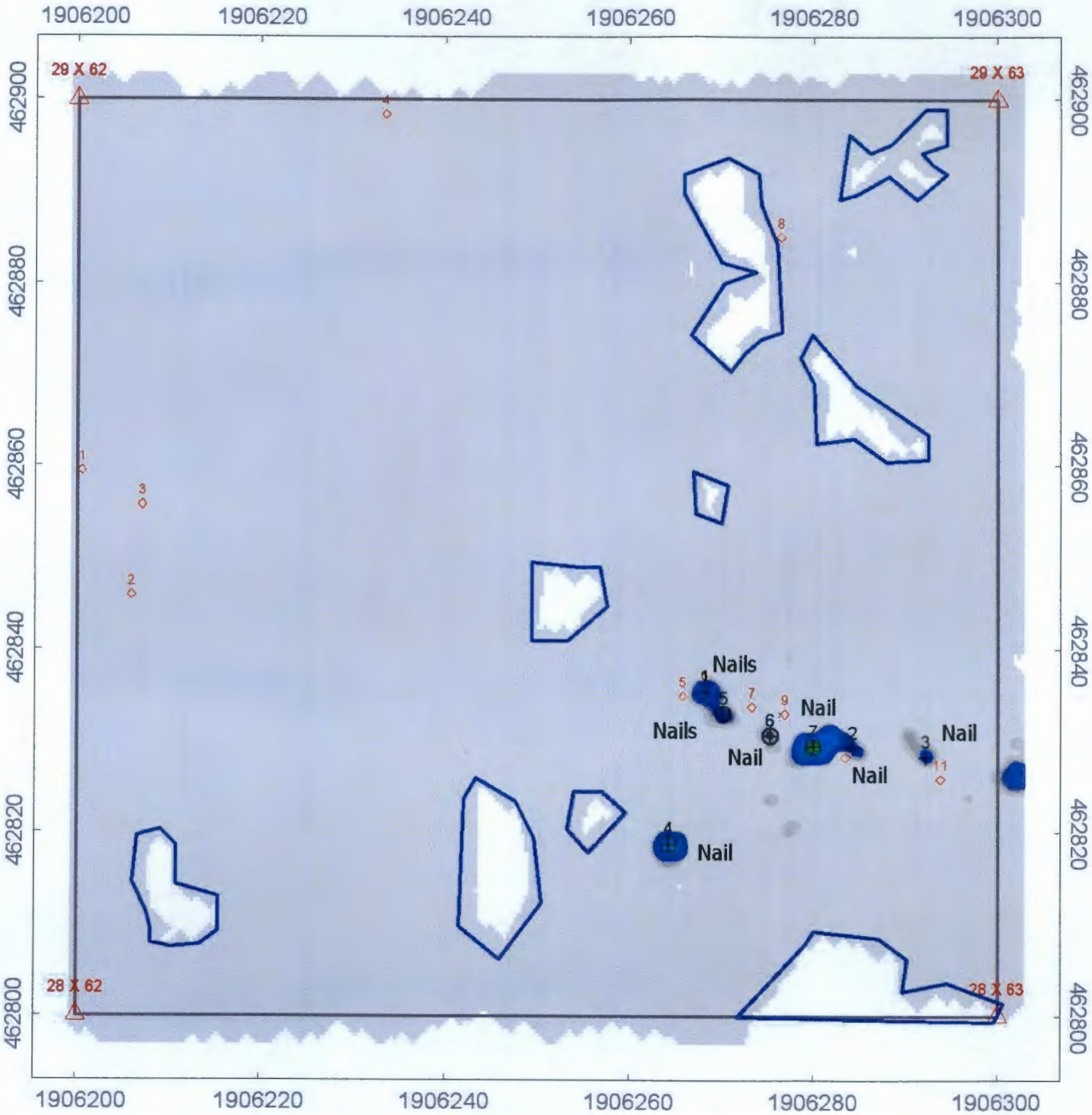


Figure 62 GRID 28X62V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

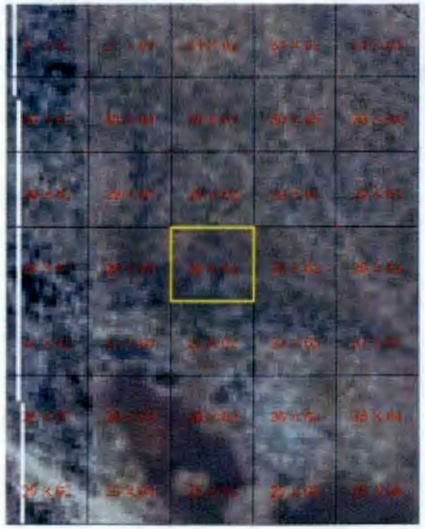
Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-12-2011	File:	28X62V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

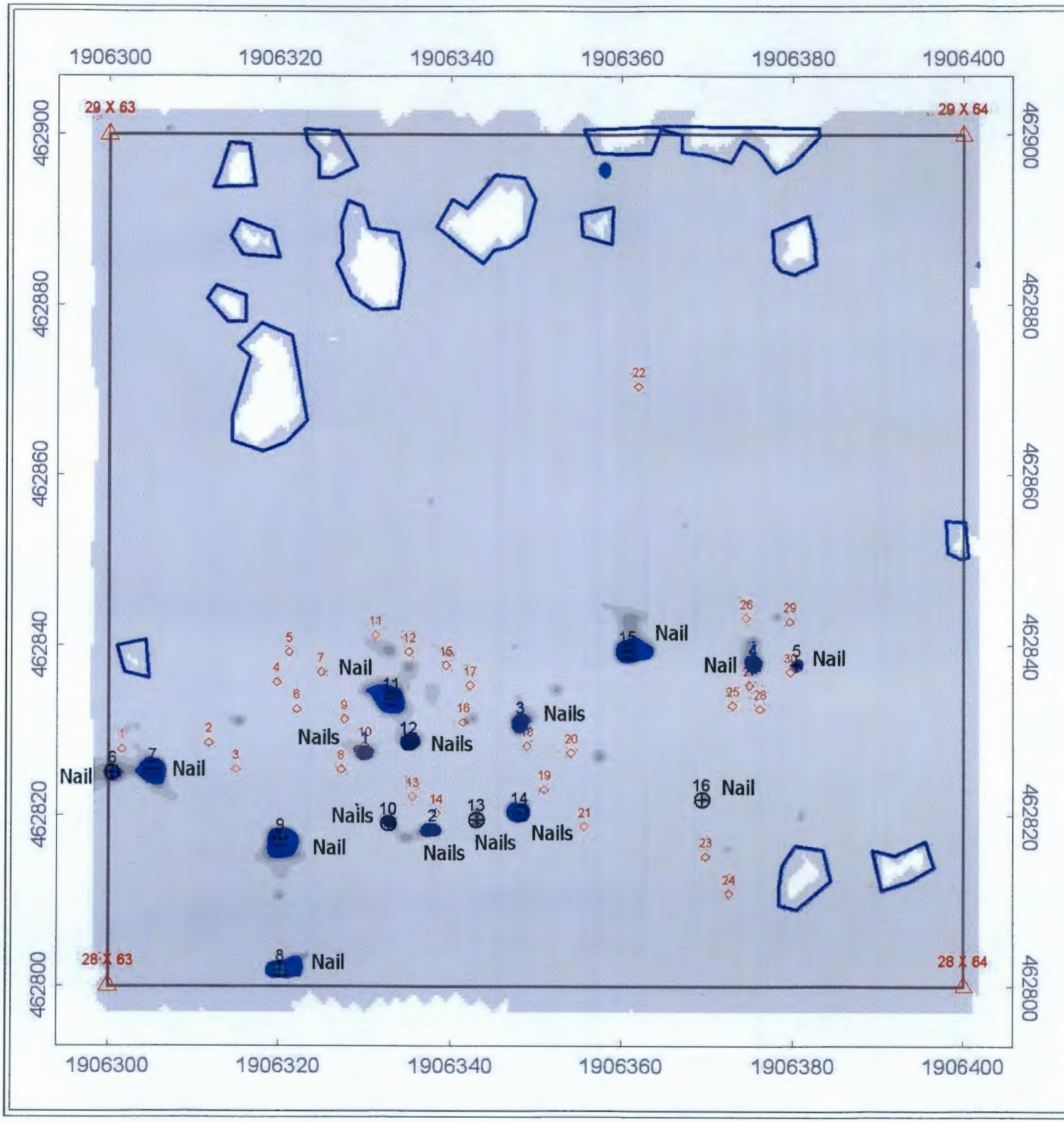


Figure 63 GRID 28X63V

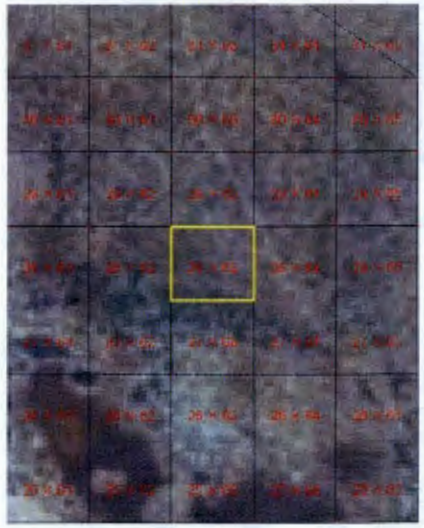
Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford. WA

Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-12-2011	File:	28X63V
Coordinate System:	NAD83 WA Sth State Plane Feet		

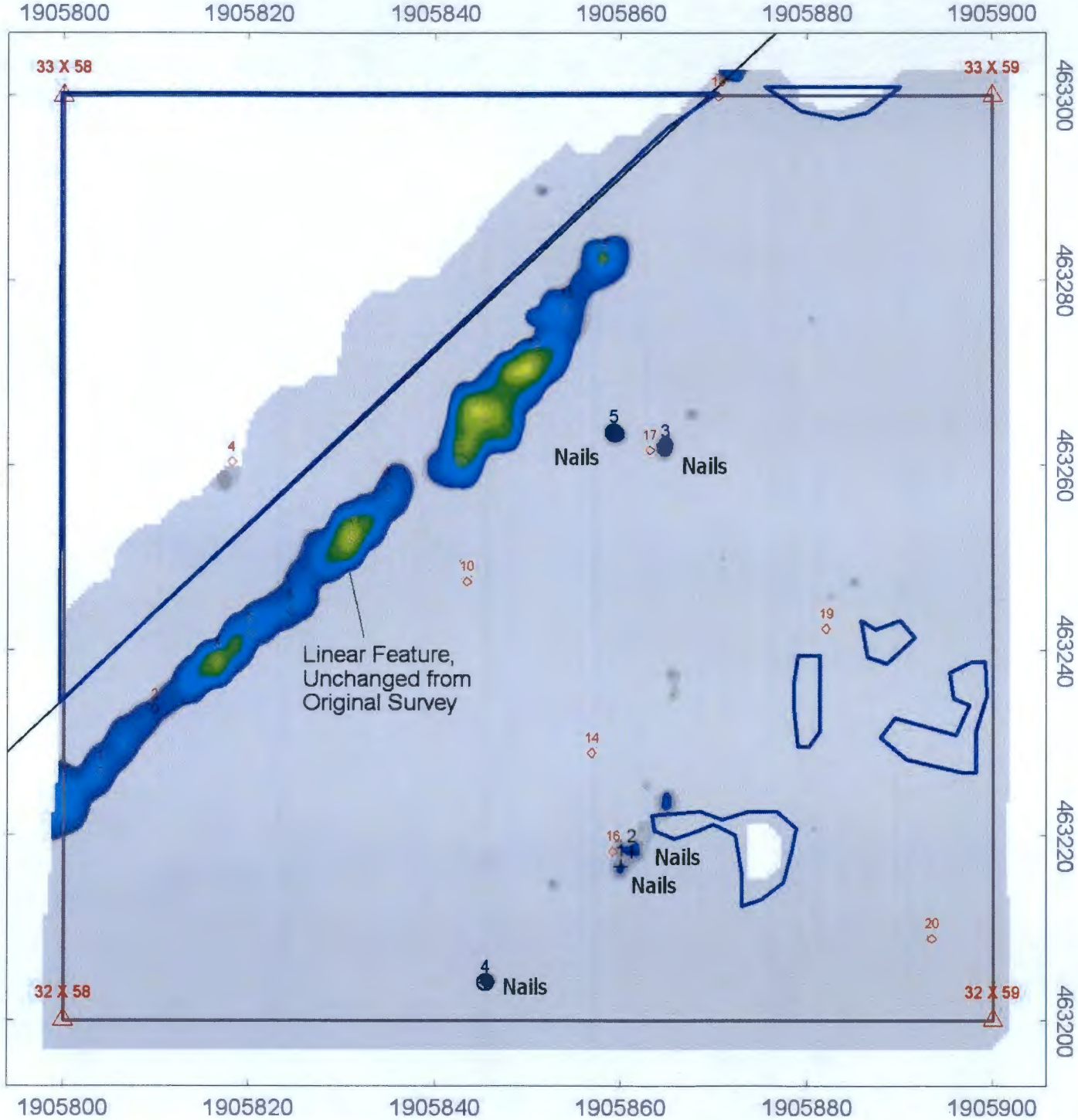
TerranearPMC

ARM GEOPHYSICS

Figure 64 GRID 32X58V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford. WA

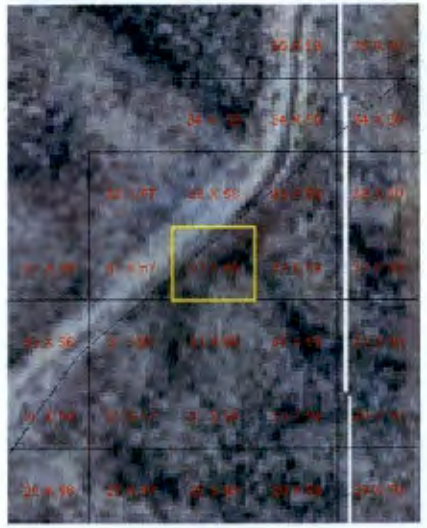


Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Mar-11-2011	File:	32X58V
Coordinate System:	NAD83 WA Sth State Plane Feet		

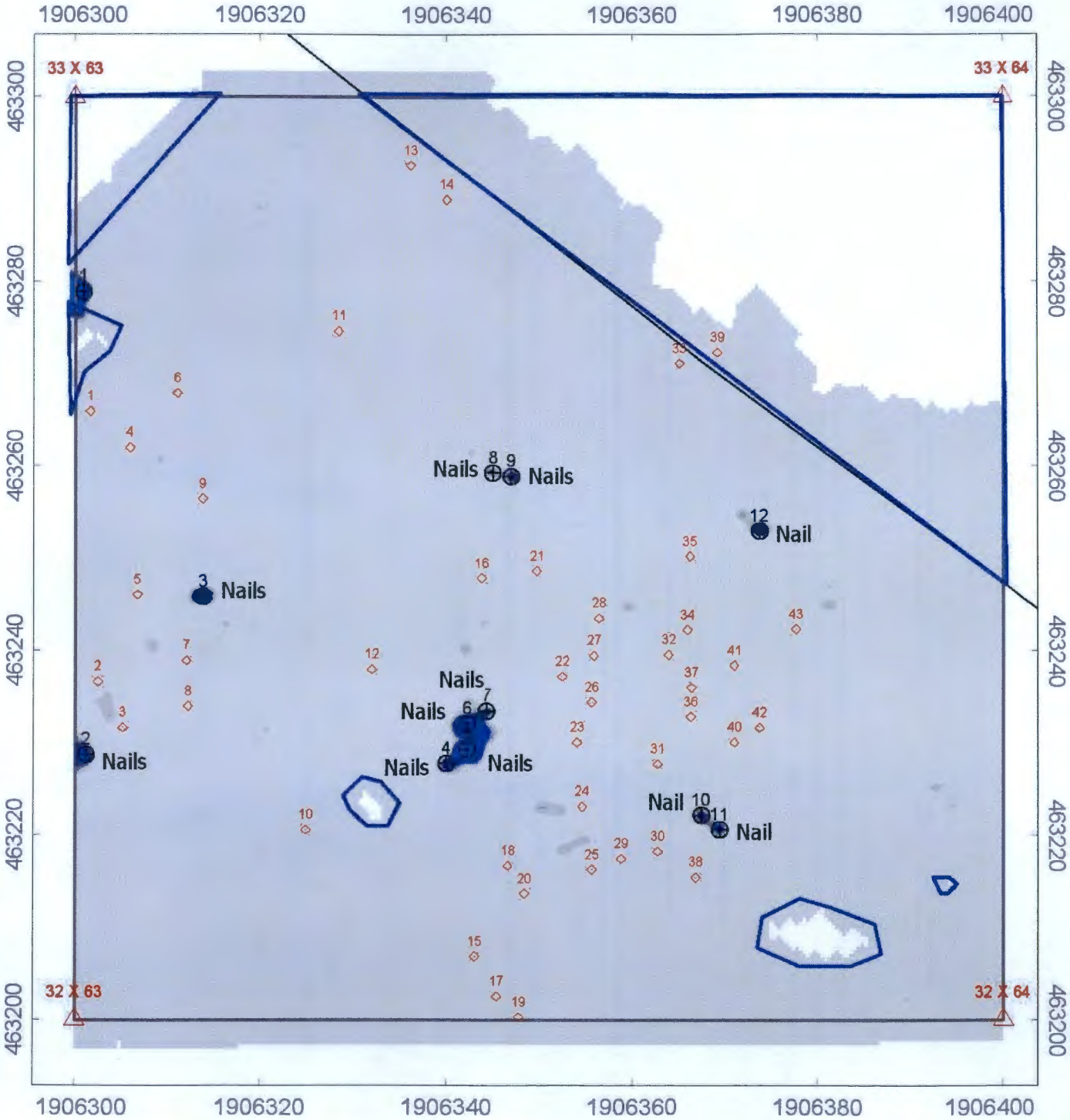
TerranearPMC

ARM GEOPHYSICS

Figure 65 GRID 32X63V

Verification Survey and Reacquisition Results
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford. WA



Legend

- Grid/Area Boundary
- Grid Corner
- 25 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV
3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96

Scale 1:210

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

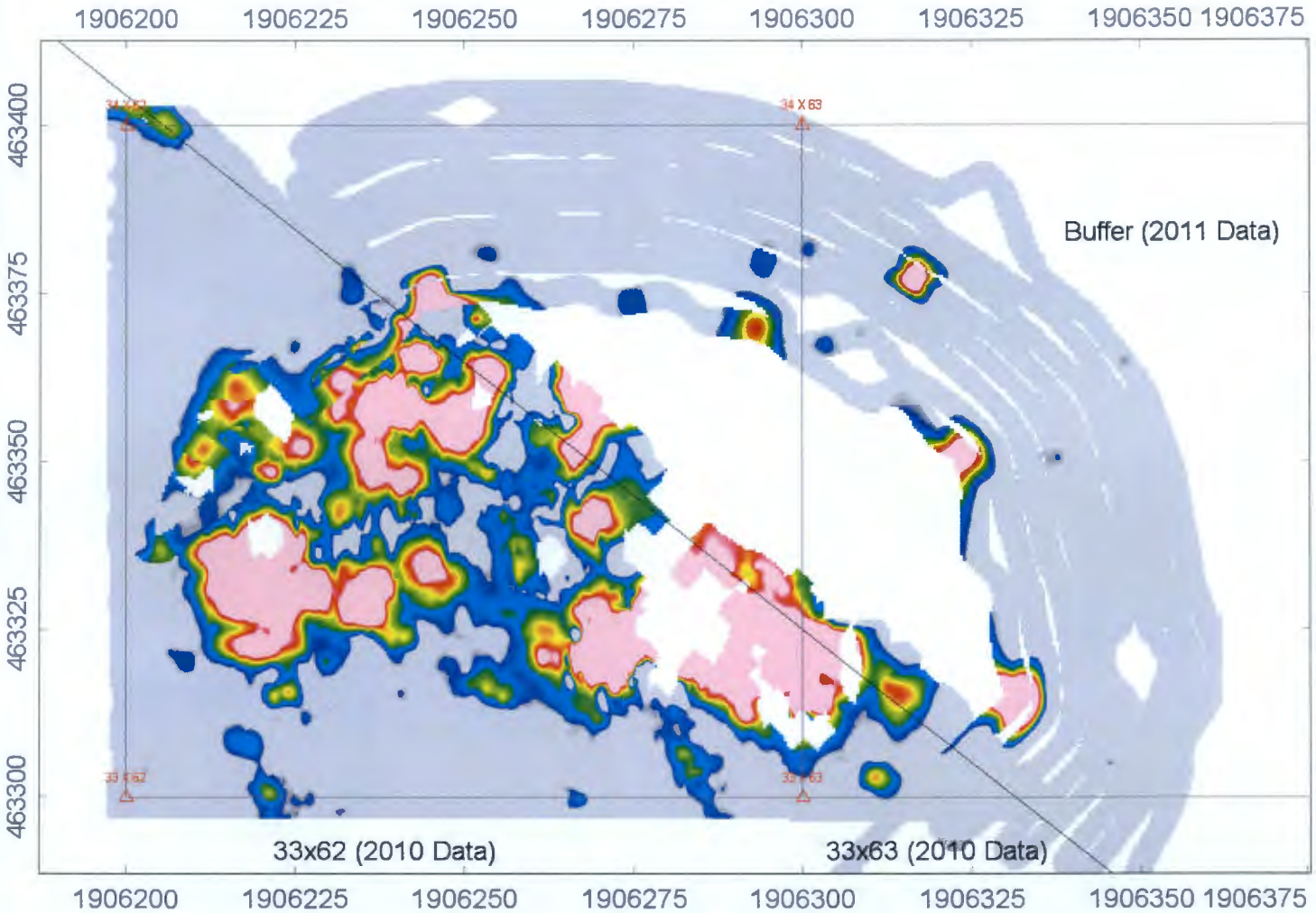
Created By:	IDW	Verified By:	IDW
Date:	Mar-11-2011	File:	32X63V
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

Figure 66
DGM of Burn Pit Area(33x62/63)
Verification Survey
GPS Positioned Single Coil EM61

Former Hanford Small Arms Range
Hanford, WA

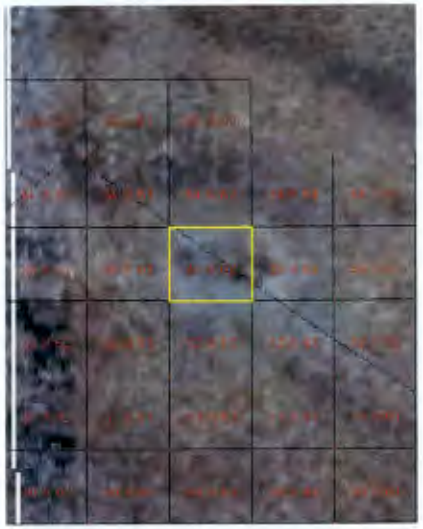


Legend

- Grid/Area Boundary
- Grid Corner
- 26 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Residual Anomaly - Class 1
- New Anomaly - Class 2
- Original Anomaly

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:337.8303

25 0 25

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics
Created By: IDW	Verified By: IDW
Date: Mar-22-2011	File: 33X62V
Coordinate System:	NAD83 WA Sth State Plane Feet

TerranearPMC

ARM GEOPHYSICS

APPENDIX B

SITE PHOTOGRAPHIC LOG

Photo 1 - Surface Sweep Team

Photo 2 - Cultural Surface Debris

Photo 3 - DGM data collection with EM61

Photo 4 - DGM Leica 1200 GPS Base Station

Photo 5 - UXO Techs performing depth measurement during the subsurface investigation

Photo 6 - Subsurface range debris staged in buckets prior to radiation screen

Photo 7 - MDAS consisting of small arms shell casings and smoke grenade casing from subsurface investigation

Photo 8 - Hot Rocks

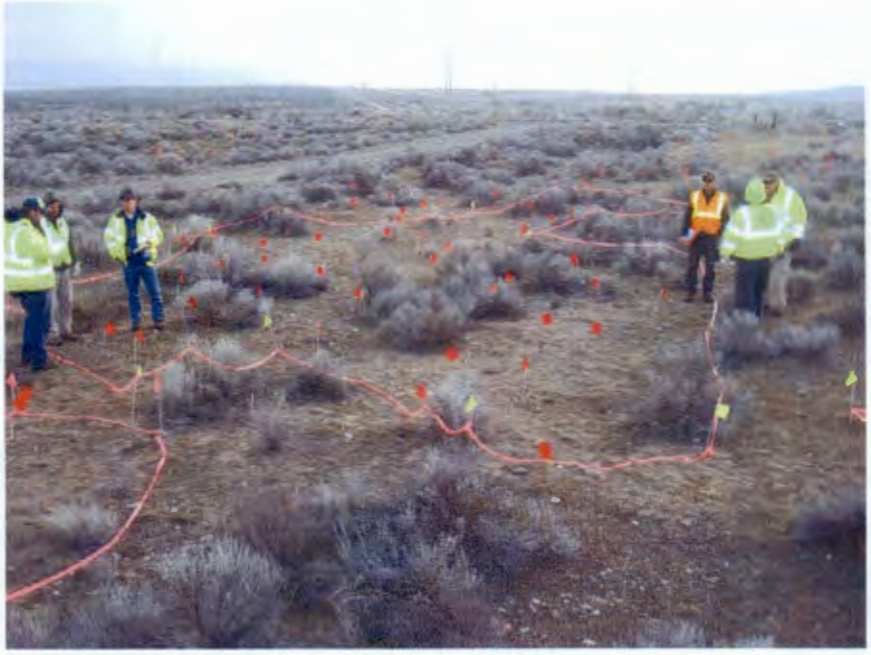


Photo 9 - High density anomaly sift area boundary

Photo 10 - High density anomaly area soil sifting operations

Photo 11 - High density anomaly area soil sifting operations

Photo 12 - Excavated high density anomaly area -sift piles on right

Photo 13 - Excavated high density anomaly area – concrete slab in foreground.

Photo 14 - Completed and regarded sift area

Photo 15 - 37mm Unfired Flare

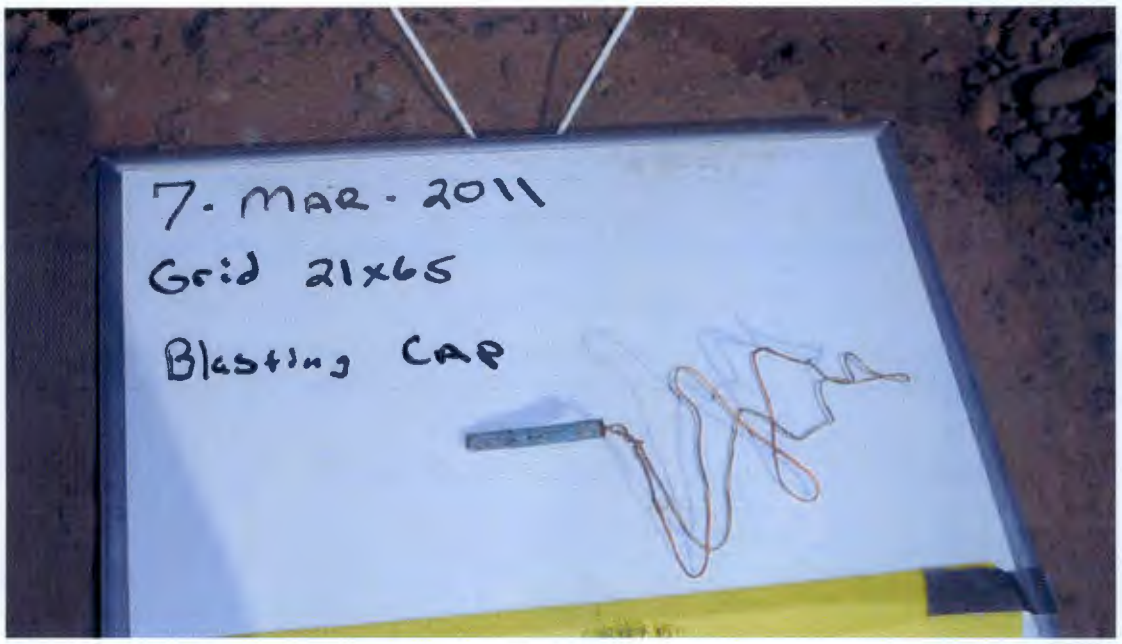


Photo 16 - Blasting Cap

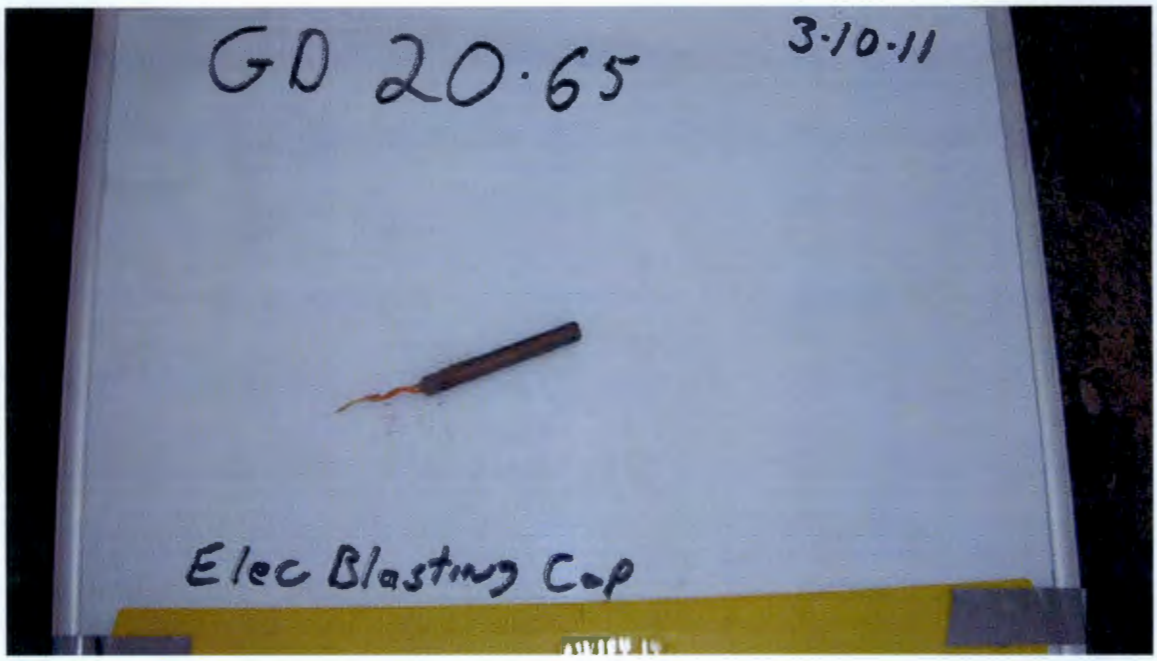


Photo 17 - Blasting Cap

Photo 18 - 12mm Flare

Photo 19 - 12mm White Star Flare

Photo 20 - 37mm CS Rifle Grenade

Photo 21 - 37 mm Flare

Photo 22 - CS Smoke Grenade

APPENDIX C

DIGITAL GEOPHYSICAL MAPPING REPORTS
SURVEY REPORT – FEBRUARY 2011
VERIFICATION REPORT – APRIL 2011

FINAL REPORT

For the

Summary of Digital Geophysical Mapping (DGM) Activities at the Former Army Pistol Range, Site 600-149, within the confines of Hanford Department of Energy (DOE) Facility, near Richland, WA

Prepared for:

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Initial TERRANEARPMC Contract Agreement #: PE-10-001
Subsequent ARM GEOPHYSICS Subcontract Agreement #: ARM11950

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FEBRUARY 2011

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1.0 INTRODUCTION

1.1 PROJECT AUTHORIZATION

1.1.1 ARM Geophysics (ARM) was awarded subcontract # ARM11950 under TerranearPMC's (TPMC) Contract # PE-10-001 on November 5th, 2010 to conduct Digital Geophysical Mapping (DGM) activities at the Former Army Pistol Range 600-149, within the confines of the Hanford Department of Energy (DOE) Facility, near Richland, WA.

1.1.2 The DGM Final Report not only introduces the methods/procedures implemented to capture the digital results but also a broad-scale summary of the digital results in order for subsequent reports/discussions to describe an effective remediation plan based on the DGM results, intrusive investigation results, and future land use considerations.

1.2 PURPOSE AND SCOPE

1.2.1 This DGM Final Report is to serve as a comprehensive summary of the field activities conducted and office processing completed which culminated in the delivery of a site-wide geophysical anomaly map with associated dig-sheets populated with discrete anomaly locations.

1.2.2 The DGM survey activities consisted of capturing approximately 47 acres of subsurface metal detection information utilizing the current industry standard sensor, the Geonics EM61 MKII, in conjunction with a Leica Differential Global Positioning System (DGPS) unit. The DGM activities (collection, processing, and analysis) were conducted between late October and mid December of 2010.

1.2.3 The purpose of the project was to locate Unexploded Ordnance (UXO) remaining from the historic use of the site as a small arms training range. From historical records review and previous (surface sweep and digital) investigations, small arms shell casings and grenades have been the primary ordnance related items found on site. This history of ordnance related material found on site was utilized in determining the items with which to seed the Geophysical Prove-Out (GPO) and following from this, which items were to be the focus of the field investigation efforts.

1.3 SITE DESCRIPTION

1.3.1 Location

1.3.1.1 The Area of Concern (AOC) is within the Hanford Small Arms Range Site 600-149, on the Hanford Site in southeastern Washington. The Small Arms Range is located approximately 2 miles southwest of the Columbia River, on a plateau adjacent to the northern edge of Gable Mountain, which forms a natural backstop for the firing range. The DGM investigation area is approximately 47 acres, in the eastern portion of the area.

1.3.2 Topography & Vegetation

1.3.2.1 The topography of the area is flat with elevation changes only near the boundaries, particularly towards the NW corner. Shrubs and sagebrush were the dominant vegetation in the area. Neither the terrain nor the vegetation could be altered (flattened or removed), so only the areas that could be adequately and safely surveyed were completed, with residual areas circumnavigated.

2.0 DGM METHODOLOGIES, PROCEDURES, AND RESULTS

In late October of 2010, ARM mobilized two DGM field teams (consisting of two personnel each) to the Richland, WA, area to complete the following activities:

1. Hanford Site-Specific Training & Badging;
2. Geophysical Prove-Out;
3. Quality Control DGM Survey Activities; and
4. Production DGM Survey Activities.

2.1 HANFORD SITE-SPECIFIC TRAINING & BADGING

During the first day entering the Hanford DOE Facility, but prior to conducting any field activities, site specific training and badging requirements were completed by all ARM personnel as required by Hanford as a precursor to working on site. In addition, TPMC conducted an additional site-specific training and review of Work Plan (WP) requirements with all ARM personnel present.

2.2 GEOPHYSICAL PROVE-OUT (GPO)

As introduced in the site-specific WP, the Geophysical Prove-Out (GPO) demonstrates the effectiveness of the entire system of personnel, equipment, field methodologies, and processing procedures working cohesively to obtain an accurate final product of listing discrete locations for intrusive investigations. Since the GPO is not only used for demonstrating system effectiveness but also utilized for establishing interpretation methodologies to be implemented in generating the "digsheets" (i.e. the discrete listing of locations for intrusive investigations), the GPO area was surveyed by the same personnel (in order to test both "systems") after seeding the area with inert ordnance items gathered during the surface clearances by TPMC.

2.2.1 A GPO grid was established by using tape measures to square-off a 100ft x 100ft area. A surface sweep of the grid was conducted by TPMC personnel and a background survey of the grid was collected by ARM personnel in order to accomplish two goals: (1) clear the grid of surface material and (2) avoid subsurface material during the seeding process. No surface items of interest were found and only a few anomalous locations were identified in the background survey conducted on November 3rd, 2010.

2.2.2 Anomaly avoidance techniques were followed in seeding the GPO grid with ARM marking the locations of pre-existing anomalies for TPMC personnel to seed around. Anomaly avoidance is not only crucial for safety reasons but also vital to minimize overlapping signatures of the GPO results. Thirteen (13) inert ordnance-related seed items and five (5) industry standard objects were seeded within the confines of the GPO grid. A listing of the items locations, description, depths, etc., is summarized within **Appendix A**.

2.2.3 Subsequently, a seeded survey (**shown in Appendix A**) was conducted later on November 3rd, 2010. After processing, analyzing, and reviewing of the GPO data, a channel 2 signal threshold of 5 mV was determined to have the best tradeoff for safely detecting the entire suite of potential ordnance items above the background noise level observed within the grid.

2.2.4 As the project moved forward and high anomaly concentration areas were identified within the AOC, discussions among ARM, TPMC and WCH regarding revising the best method for the High Density (HD) areas was considered to be a 'phased' approach. The phased

approach would allow for progressive elevation of the threshold in these specific areas in order to remediate HD areas in layers. Further details of this approach are to be found in the prime contractors report. The phased approach, however, did not change ARM's interpretation methodologies, given the anomalies would be re-sorted after review by TPMC onsite representatives.

2.3 QUALITY CONTROL (QC) DGM SURVEY ACTIVITIES

In order to establish a base-line and monitor data quality and instrument performance, site-specific quality control (QC), tests were completed on a daily basis to document that the "system" (of equipment, operators, and procedures) were meeting established criteria. After equipment warm-up (which ranged from 5-15 minutes, depending on the daily temperature), the following QC tests were conducted at their specified frequencies and within their specified tolerances:

1. GPS Position Test
2. Personnel Test
3. Cable Shake Test
4. Static Background / Static Spike Response Tests
5. IVS Test
6. Lag Test
7. Repeat Data Test

2.3.1 **GPS Position Test.** Once daily, first thing in the morning usually while the Equipment Warm-up Test was being conducted, the GPS unit was tested over a known point. The tolerance for this test was 6 inches, and no position checks were outside of the tolerances.

2.3.2 **Personnel Test.** Each morning, after equipment warm-up was complete, the operators were tested for interference (e.g. from metallic items about the person) as a precursor (but a part of the same file) to the Static Tests.

2.3.3 **Cable Shake Test.** Each morning, after the Personnel test was complete, the equipment was tested for response changes or signal dropouts by shaking all of the cables. The cable shake test was another precursor (and a part of the same file) to the Static Tests.

2.3.4 **Static Background / Static Spike Response Tests.** The static background and static spike response tests required the operator to collect several minutes of background data (with no metallic test item), then place a known test item at a repeatable location relative the coil using a "test jig", and then removing the item again to collect a further minute of background data. All of the static test (personnel, cable shake, and background) data were of sufficient quality and within the limits of the 2.5 p-p on channel 3. All spike responses were consistent across the project, being repeatable within the standard 20%.

2.3.5 **Instrument Verification Strip (IVS) Test.** The IVS Test required the collection of data each day over the exact same line-path, covering a number of known seed items, in order to demonstrate that, under a controlled setting, the calculated positions and responses of the seeds were within project tolerances. The results were all within the tolerances of positioning offset and amplitude response metrics for kinematic data collection.

2.3.6 **Lag Test.** The two-line (lag) test was a once daily test that required the operator to collect data back and forth across a metallic item to determine the correction required to

correctly account for the delay between the EM instrument passing over a metallic item and the item's response being written to file.

2.3.7 **Repeat Data Test.** In addition to the IVS Test (which was evaluated quantitatively), a qualitative test in the form of a 2% repeat collection of data was conducted daily in the production area. This repeat data was collected in order to verify that responses were repeatable. The repeat data were viewed in map form, overlain on the original data, and reviewed for discrepancies. No major discrepancies were observed during the review process.

2.3.8 **Quality Assurance (QA) Sampling Metrics.** In addition to evaluating specific QC tests (items 1 through 7), two QA checks of the production data were also required to be monitored. First, down-line sampling distance (the distance between adjacent data points) must have 98% of the readings be less than 0.7 feet apart and with no down-line gaps greater than 2 feet without adequate documentation. Second, cross-line sampling (distance between data points on adjacent lines) must have 98% coverage within a grid or group of grids (i.e. grid-block, sector, etc.) with an effective instrument swath of 1.2 meters (coil width +/- 20%, accounting for positional variance due to tilt or other standard effects). Both of the quoted percentage metrics are exclusive of gaps (vegetation, terrain or other) and are further detailed in the WP.

2.3.9 **Example QC Test Images.** Example images of each of the seven introduced quality control (QC) tests and two quality assurance (QA) tests are displayed in **Appendix B.**

2.4 PRODUCTION DGM SURVEY ACTIVITIES

Between the morning and afternoon QC tests, all production data collection for the day was performed. Production DGM survey activities started on November 4th and continued until the mid December completion for two teams, working their way from the eastern to western sides of the 47 acre site.

2.4.1 As mentioned previously, the topography of the area was flat with numerous sage brush patches that could not be removed or altered. The two teams covered all areas feasibly possible within the area mapped out for collection. At the end of each day, the teams communicated their progress with each other and the site management, as to not create logistical roadblocks amongst the field teams on site. After returning to their hotel, the data was downloaded and then transferred (via email and ftp) to the ARM office, in Hershey, PA, for processing.

2.4.2 After the data was downloaded, file conversions and imports began with the analysis of all of the QC/QA data prior to conversion of the production data in order to ensure there were no 'large scale' data quality issues that might require re-collection of the entire day's effort. Production data was then converted, imported, and preliminarily processed using industry-standard drift correction filters and positional adjustments (lag corrections). The data was then evaluated for data gaps, exclusive of terrain or vegetation related areas, with the location of any gaps identified issued to the field teams for in-fill collection and the files exported, with the preliminary processing stage then being complete. The project status and coverage maps were then updated.

2.4.3 After the collection and pre-processing of a group of grids (primarily a column of grids based on the N-S pattern of collection in the field) was completed, the individual grids within the 'gridblock' were interpreted one-by-one, following any final adjustments that may have been required during the final processing stage. These interpretations consisted of using an automated picking routine in Geosoft's UX-Detect module and then reviewing the selected locations based on the 5mV threshold established during the GPO process. Target locations were then moved or deleted as required, and additional targets selected, at the interpreters' discretion.. At this time, the targets were then plotted on the map and all associated image and text deliverables files, inclusive of the final digsheet, were exported for each grid on an as–completed basis. The deliverables, in turn, were utilized by site TPMC representatives to reacquire and intrusively investigate the identified anomalies. An example grid of the deliverables provided to site TPMC representatives is provided in **Appendix C** for reference.

3.0 RESULTS SUMMARY

3.1 SITE-WIDE DGM SUMMARY

Approximately 47 acres of DGM was conducted by two teams, utilizing DGPS positioned EM61-MKII sensors in a pattern of data collection progressing from east to west across the site. The progression of data collection events resulted in a site-wide map (**see Appendix D**) and an Oasis Montaj exported geo-referenced GIS layer (**provided to TPMC**) for reference. From the site-wide map, the following is of note:

1. Lightly-cluttered areas predominant near the far eastern border of the site (in the vicinity of grid 23x74);

2. Highly-cluttered areas with probable utilities are prominent near the south-central portion of the site (in the vicinity of grids 22x65, 22x66, 21x65, 21x66);

3. Highly cluttered linear-dispersions of anomalies, originating in the south-west portion of the site (in the vicinity of grid 24x60) trend in three, approximately, south-westerly directions;

4. Linear-trending large anomalous features occur in the west-central portion of the site (in the vicinity of grids 25x56, 26x57, 26x58), all trending from south-east to north-west;

5. A linear-trending thin anomalous feature occurs along the west-northwest central boundary of the site (in the vicinity of grids 31x56, 32x57, 32x58), trending from southwest to northeast; and

6. An extremely cluttered area, with possible trenches/dumps, occurs near the north-central portion of the site (in the vicinity of grids 32x62, 32x63, and 33x63).

The six trends, as identified above and as shown in zoomed in sections of the site-wide map (**see Appendix E**), will be re-examined in the dig results in order to aptly determine their characteristics. As a reminder, even though these six broad-scale locations of interest were identified from the site wide map, and will be a focus of the intrusive results, all anomalous locations were investigated and are of interest to the project. All individual grid maps and grid digsheets, along with the full suite of deliverables, are provided on a DVD as **Appendix F** for future reference. The data will also be maintained on ARM's ftp site and backup server if additional copies are desired.

3.2 SITE-WIDE INTERPRETATION SUMMARY

Using the threshold value established during the GPO process of 5 mV on channel 2, over 2900 anomalies (with the total count currently at 2926) were identified across the 47 acre area. As indicated in the site-wide DGM map, the eastern half of the site primarily consists of low anomaly counts per grid and small anomalies trending towards more and larger anomalies towards the western boundaries of the site. Also of note, a majority of the grids had terrain changes (drop-offs, rocks jutting out of the surface and/or bouldering on the surface) or heavily vegetated features which induced occasional false-positives in the data when damp from overnight snow / ice. At the

time of collection and review, the primary objective was to maximize the removal of ordnance hazards with the secondary objective to minimize false-positives as much as possible. Ultimately, intrusive investigations by TPMC representatives demonstrated whether the anomalies identified were related to real metallic items or to false positives (damp vegetation related or otherwise) and any major discrepancies (i.e. lack metallic item from large amplitude response) were re-examined with the EM61 by one of ARM's field teams. For the most part, unexplained false positives were isolated to low responses.

3.3 PRELIMINARY INTRUSIVE RESULTS SUMMARY

The full intrusive results summary will be provided within the intrusive investigation report, however, a brief overview of the preliminary results as inferred from draft versions of the intrusive results is summarized below:

1. Small counts (1-2 items) of ordnance-related material (larger than shell casings) were found in grids 28x64, 24x70, 31x63, 32x63, 20x65, 25x65, 23x65, 26x67, 27x56, 28x56, 28x57, 26x57, 21x65, 30x60, 21x61, 21x62, 30x61, 31x61, 34x61;

2. Moderate counts (3-5 items) of ordnance-related material (larger than shell casings) were found in grids 24x67, 19x65;

3. Elevated counts (5+ items) of ordnance related material (larger than shell casings) were found in grids 33x63, 25x56, 25x57, 20x65, 19x62, 20x61, 22x62, 23x60, 21x60, 22x60, 25x58, 28x58, 22x61; and

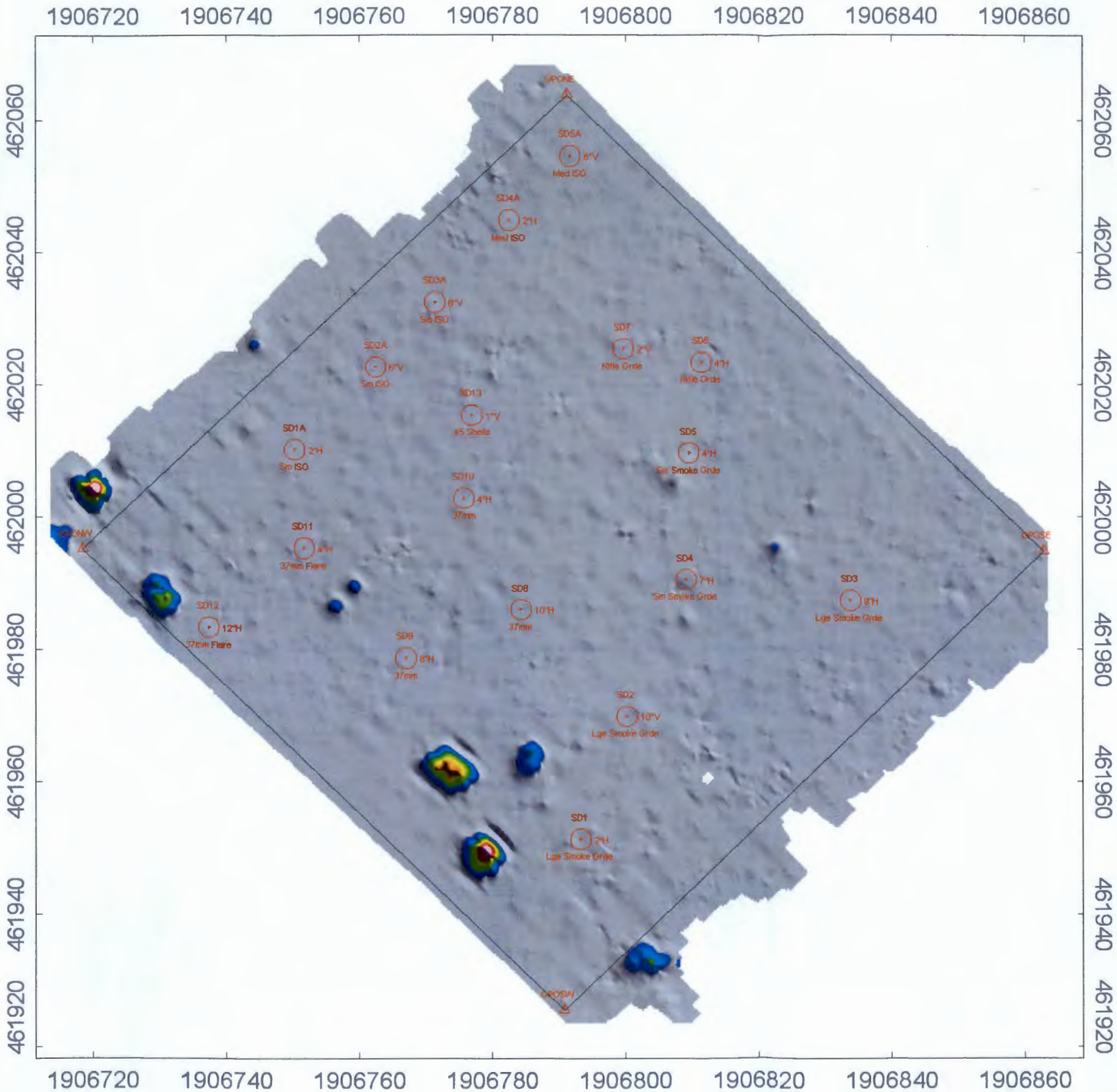
4. The remaining grids primarily contained benign man-made material such as nails, wood, concrete, wires, utilities, or other material related to the prior land-use.

Lastly, as a footnote, ARM and TPMC identified 52 grids which are considered HD areas which will be intrusively investigated further (using alternative methods such as mechanical removal and/or sifting) due to either the aerial extent of large anomalous areas (presumed to be trenches or similar) or an abundant number of anomalies contained within each of these grids. After completion, TPMC has requested that ARM return to the site to resurvey these areas as a method of QA.

APPENDIX A. GEOPHYSICAL PROVE-OUT (GPO) RESULTS

TABLE I. Seed Item List for Hanford GPO construction (Nov, 2010).

Point_ID	X_StPln_ft	Y_StPln_ft	Item_Description	Depth_	Orientation	CH2_Resp_mv
SD1	1906793.25	461951.27	Large Smoke Grenade	2	Horizontal	30.1
SD2	1906800.16	461969.80	Large Smoke Grenade	10	Vertical	58.1
SD3	1906833.78	461987.37	Large Smoke Grenade	9	Horizontal	19.8
SD4	1906809.00	461990.54	Small Smoke Grenade	7	Horizontal	17.2
SD5	1906809.45	462009.73	Small Smoke Grenade	4	Horizontal	63.4
SD6	1906811.32	462023.40	Rifle Grenade	4	Horizontal	18.3
SD7	1906799.57	462025.48	Rifle Grenade	2	Vertical	23.3
SD8	1906784.27	461985.96	37mm Projectile	10	Horizontal	31.7
SD9	1906766.98	461978.62	37mm Projectile	8	Horizontal	28.5
SD10	1906775.66	462002.78	37mm Projectile	4	Horizontal	58.1
SD11	1906751.62	461995.24	37mm Flare	4	Horizontal	82.6
SD12	1906737.29	461983.32	37mm Flare	12	Horizontal	28.8
SD13	1906776.85	462015.41	.45 Shells, Cache	1	Vertical	0.0
ISO1	1906750.21	462010.16	Small ISO	2	Horizontal	37.0
ISO2	1906762.41	462022.70	Small ISO	6	Vertical	68.0
ISO3	1906771.31	462032.50	Small ISO	8	Vertical	58.0
ISO4	1906782.38	462044.89	Medium ISO	2	Horizontal	69.0
ISO5	1906791.58	462054.65	Medium ISO	6	Vertical	137.0



GeoA GPO Background

EM Geophysical Survey

GPS Positioned Single Coil EM61

Former Hanford Small Arms Range

Hanford. WA

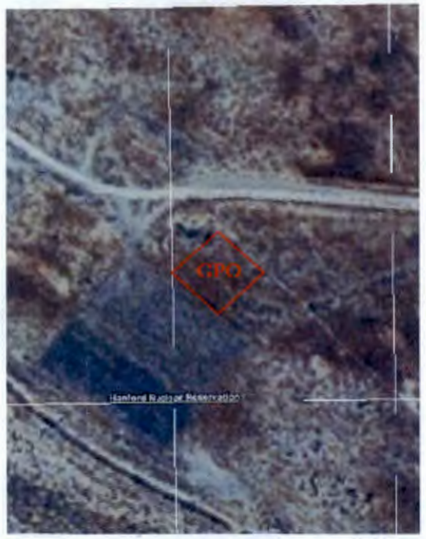
Legend

- Grid/Area Boundary
- Grid Corner
- 25 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Interpreted Anomaly - Class 1
- Seed Item

N

EM (Ch2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:300

10 0 10 20 30

US survey foot

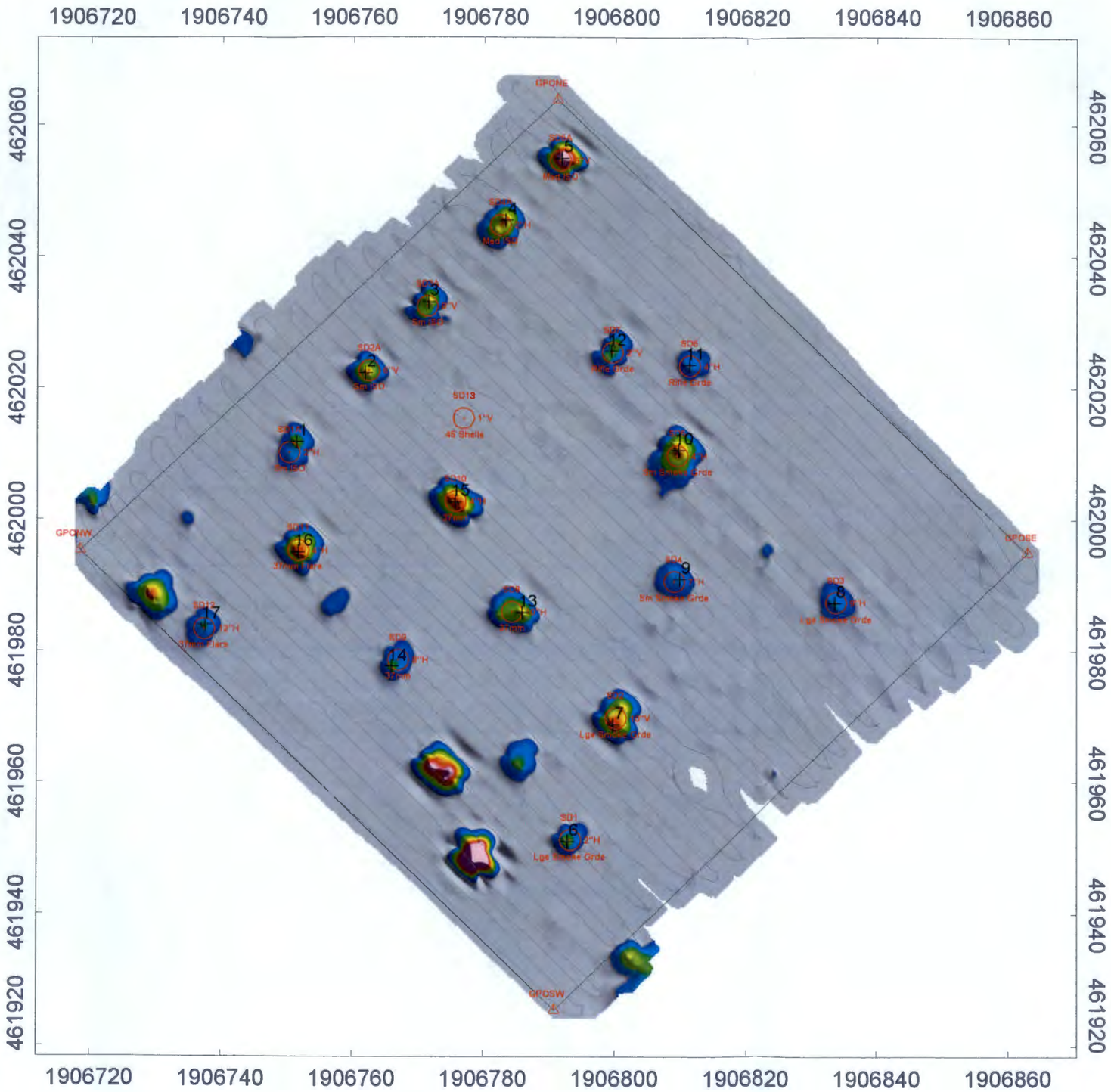
NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC
PROJECT:	Hanford, WA
CONTRACTOR:	ARM Geophysics

Created By:	IDW	Verified By:	IDW
Date:	Nov-4-2010	File:	GPO
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS



GeoB GPO

EM Geophysical Survey

GPS Positioned Single Coil EM61

Former Hanford Small Arms Range

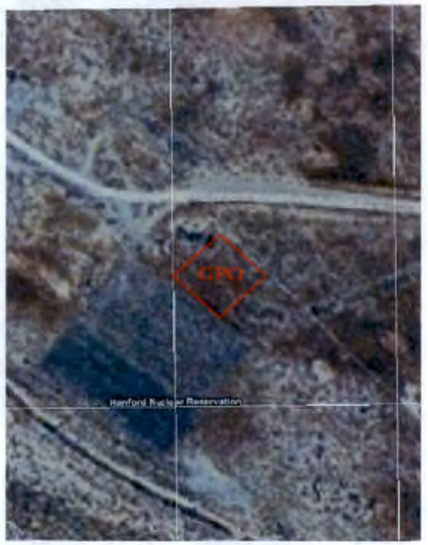
Hanford. WA

Legend

- Grid/Area Boundary
- Grid Corner
- 25 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Interpreted Anomaly - Class 1
- Seed Item

EM (CH3)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:300

10 0 10 20 30

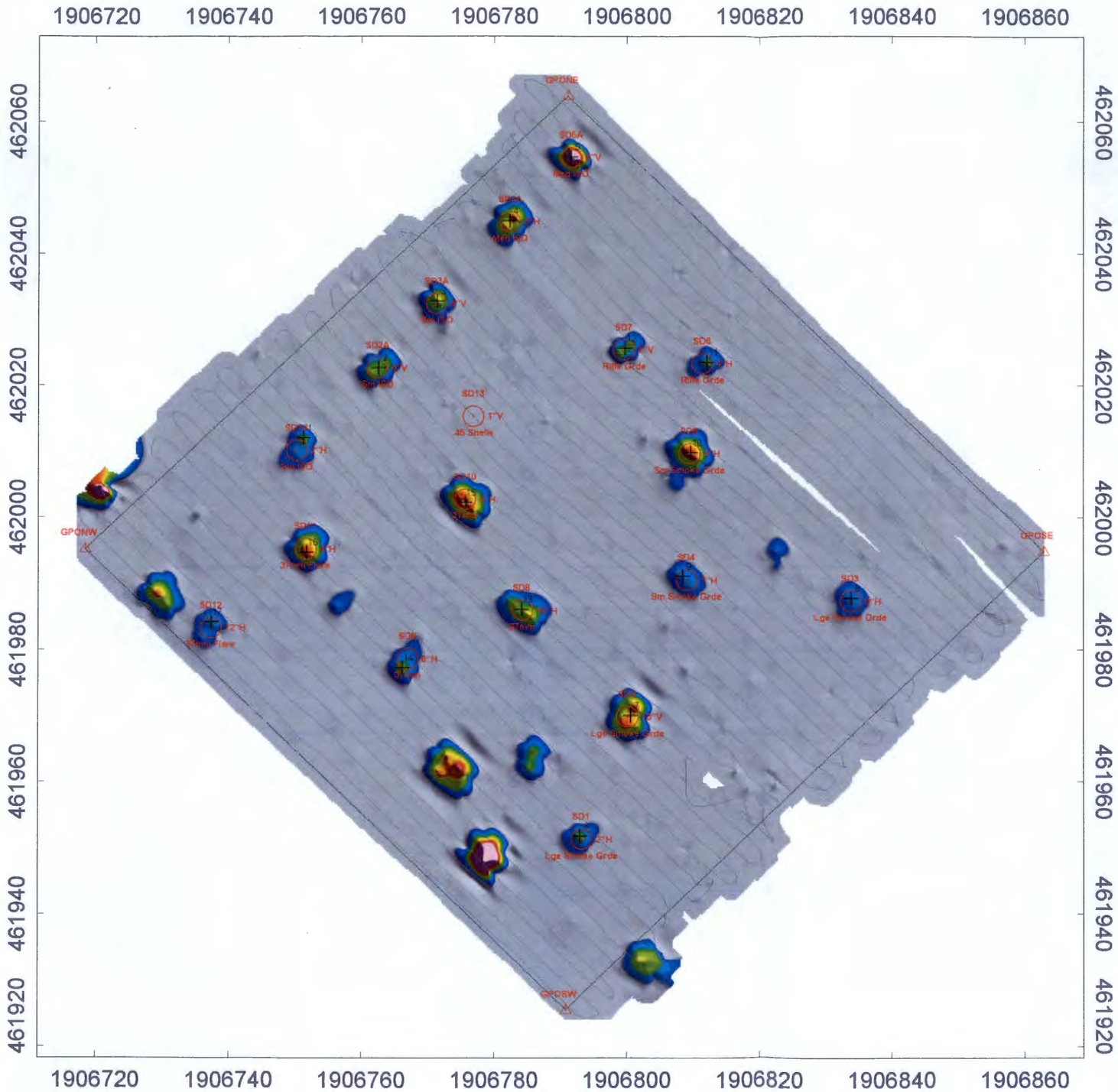
US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC		
PROJECT:	Hanford, WA		
CONTRACTOR:	ARM Geophysics		
Created By:	IDW	Verified By:	IDW
Date:	Nov-4-2010	File:	GPO
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS



GeoA GPO

EM Geophysical Survey

GPS Positioned Single Coil EM61

Former Hanford Small Arms Range

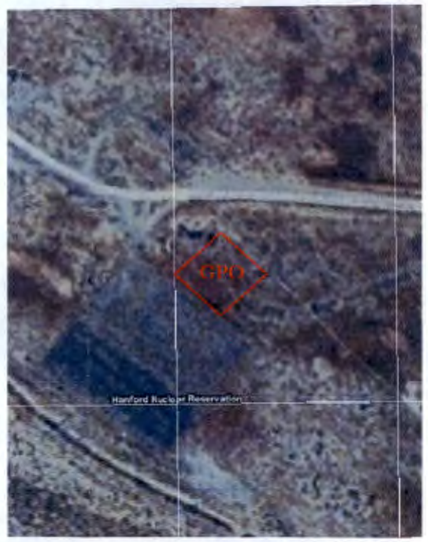
Hanford. WA

Legend

- Grid/Area Boundary
- Grid Corner
- 25 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Interpreted Anomaly - Class 1
- Seed Item

EM (Ch2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:300

10 0 10 20 30

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC		
PROJECT:	Hanford, WA		
CONTRACTOR:	ARM Geophysics		
Created By:	IDW	Verified By:	IDW
Date:	Nov-4-2010	File:	GPO
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

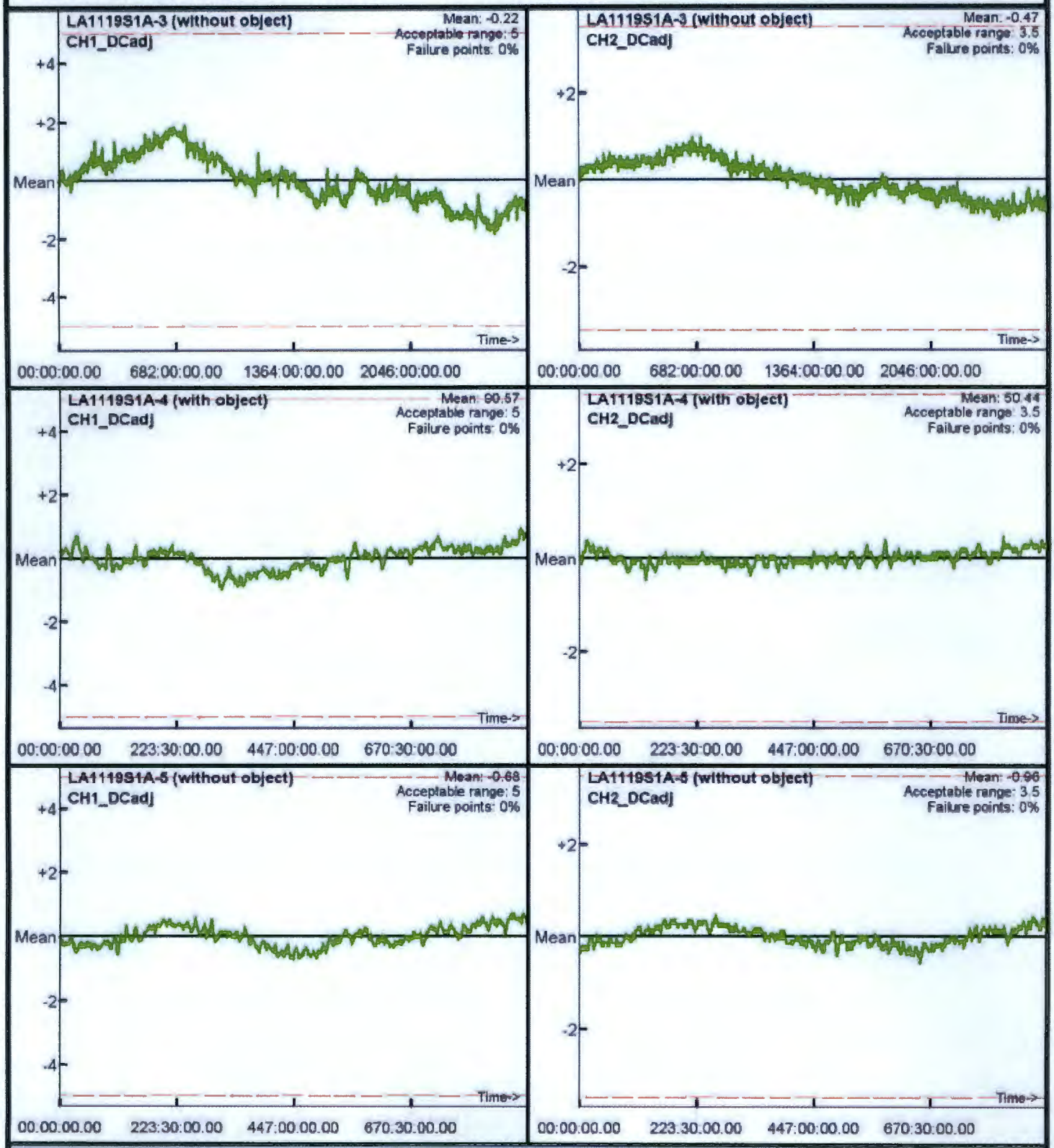
APPENDIX B. EXAMPLE QC/QA METRICS IMAGE FILES

Static Calibration Test

Project: Hanford
Equipment: EM-61 (1.0x0.5m)
Grid/Location: Small Arms Range

Instrument Threshold: 20%
Outside range
Acceptable limits

AM test
Operator: GeoA
Date: 2010/11/19



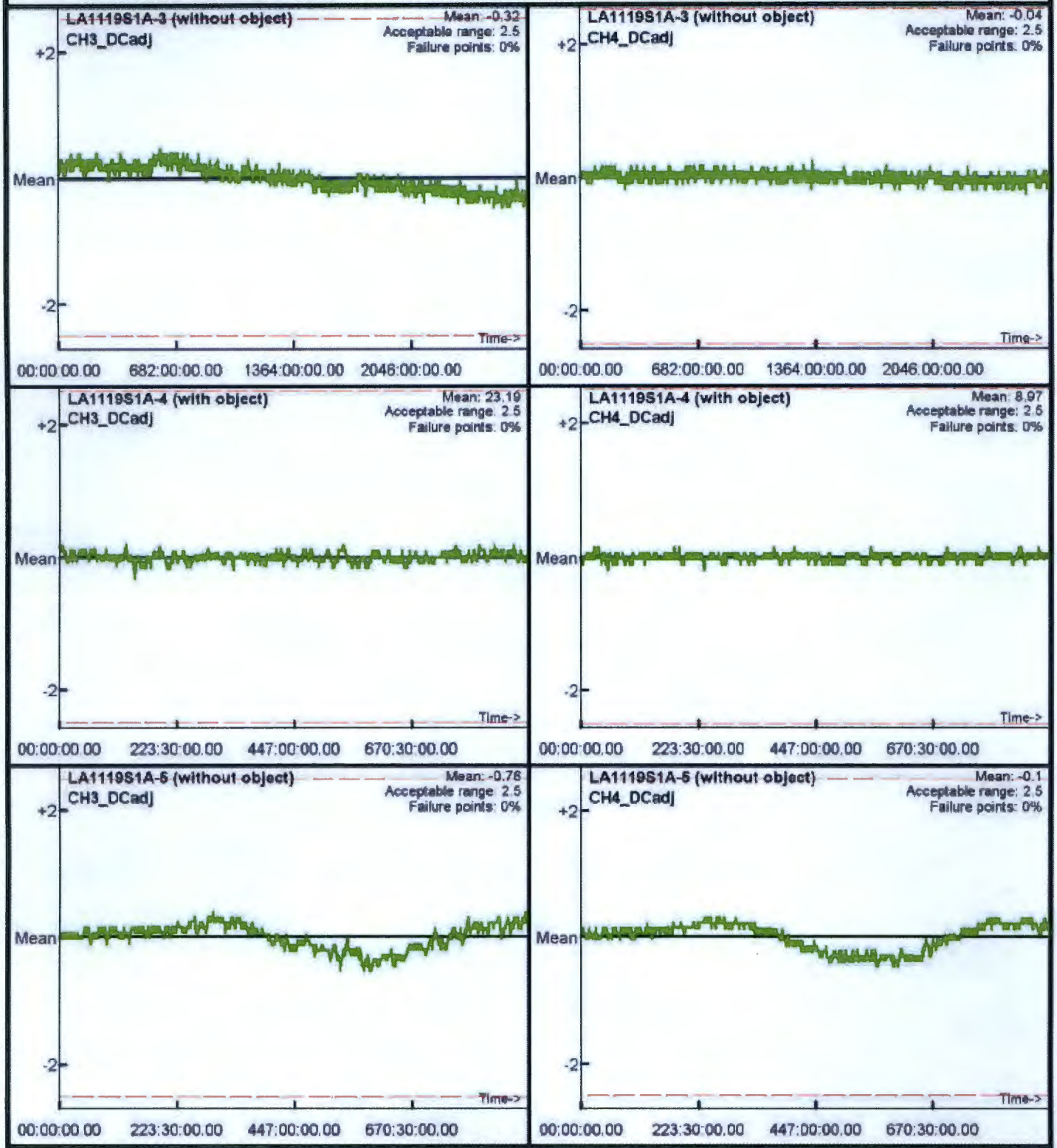
Database: C:\DATA\BRIANS DATA\ARM GROUP - only\PROJECTS\10402 TERR - hanford\02_work\111910\2010-11-19_QC_GeoA
Line Name: LA1119S1A-3 LA1119S1A-4 LA1119S1A-5

Static Calibration Test

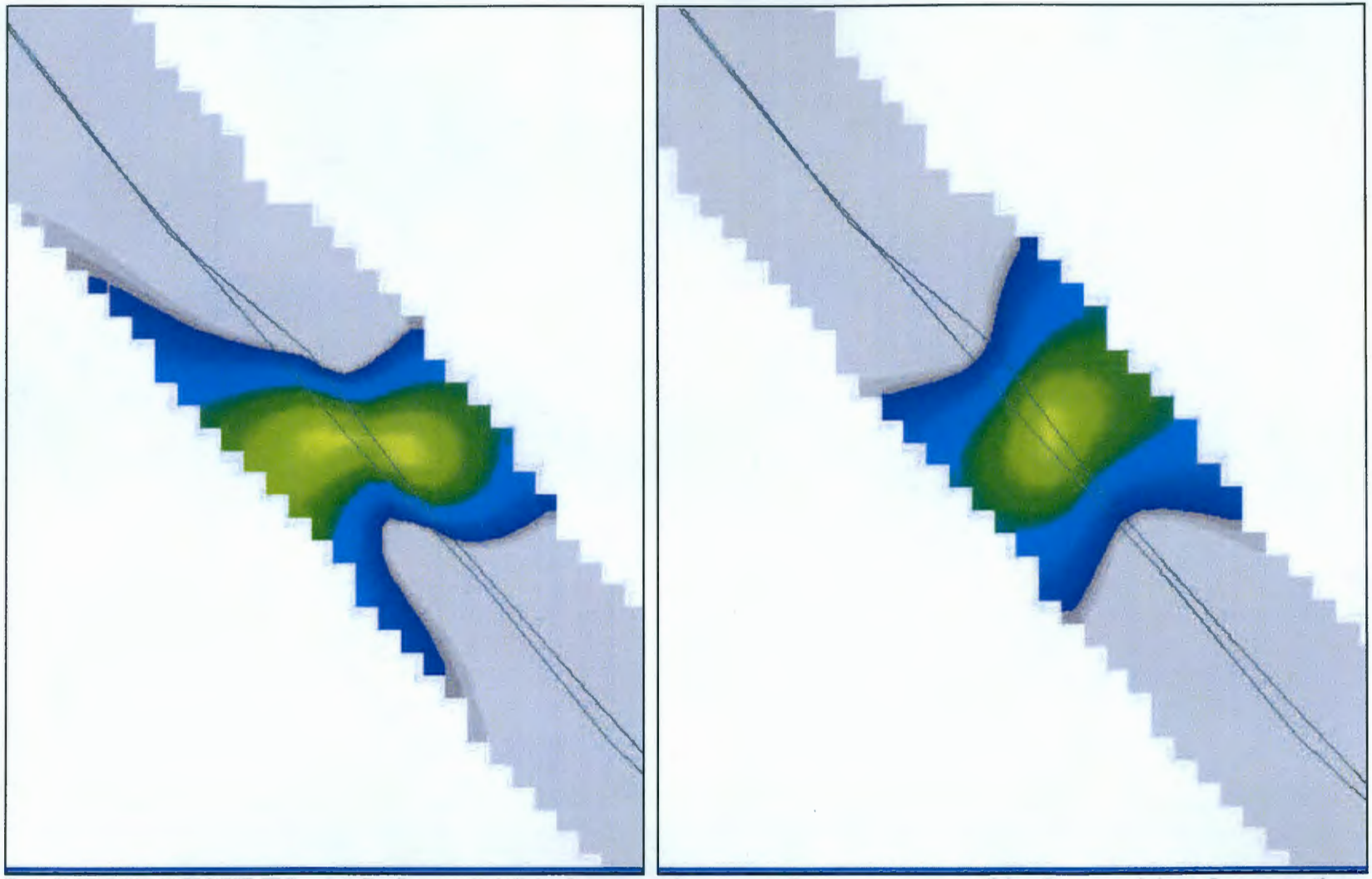
Project: Hanford
Equipment: EM-61 (1.0x0.5m)
Grid/Location: Small Arms Range

Instrument Threshold: 20%
Outside range
Acceptable limits

AM test
Operator: GeoA
Date: 2010/11/19

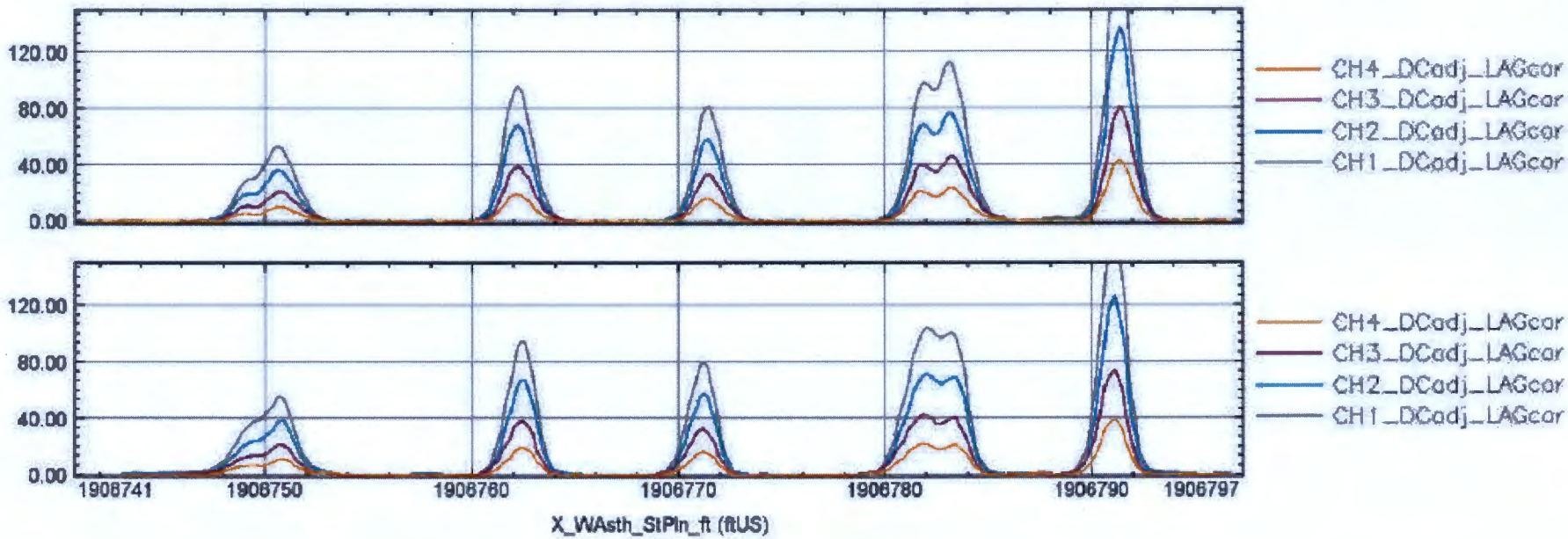


Database: C:\DATA\BRIANS DATA\ARM GROUP - only\PROJECTS\10402 TERR - hanford\02_work\111910\2010-11-19_QC_GeoA\A
Line Name: LA1119S1A-3 LA1119S1A-4 LA1119S1A-5



LAG TEST RESULTS (a) before positional corrections and (b) after positional corrections.

2010-11-19 Geo TeamA IVS (Down and Back)



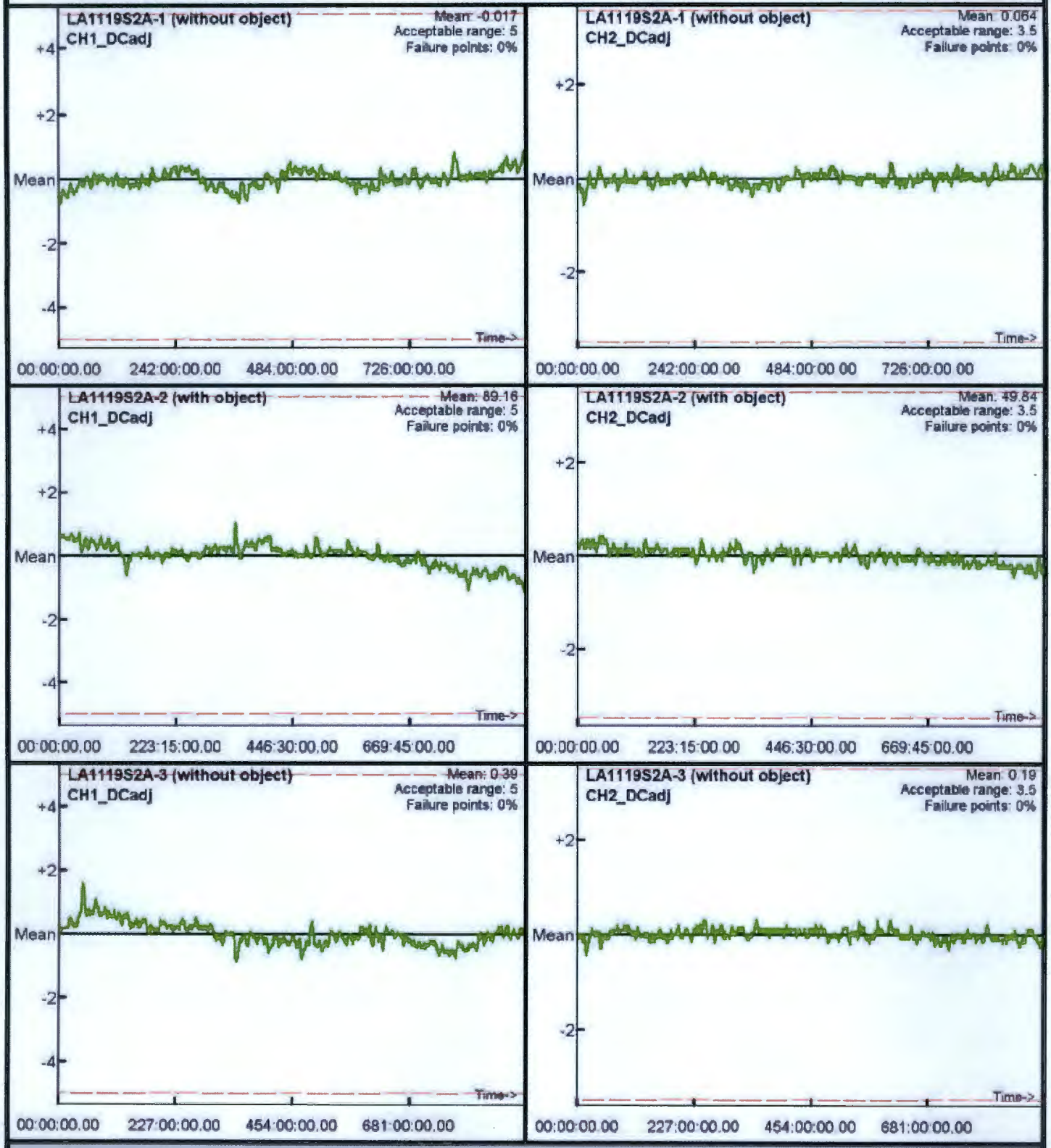
database: C:\DATA\BRIANS DATA\ARM GROUP - only\PROJECTS\10402 TERR - hanford\02_work\111910\2010-11-19_QC_GeoA\A1119V1A\A1119V1A_EM.gdb line/group:2040/m910A

Static Calibration Test

Project: Hanford
Equipment: EM-61 (1.0x0.5m)
Grid/Location: Small Arms Range

Instrument Threshold: 20%
Outside range
Acceptable limits

PM test
Operator: GeoA
Date: 2010/11/20



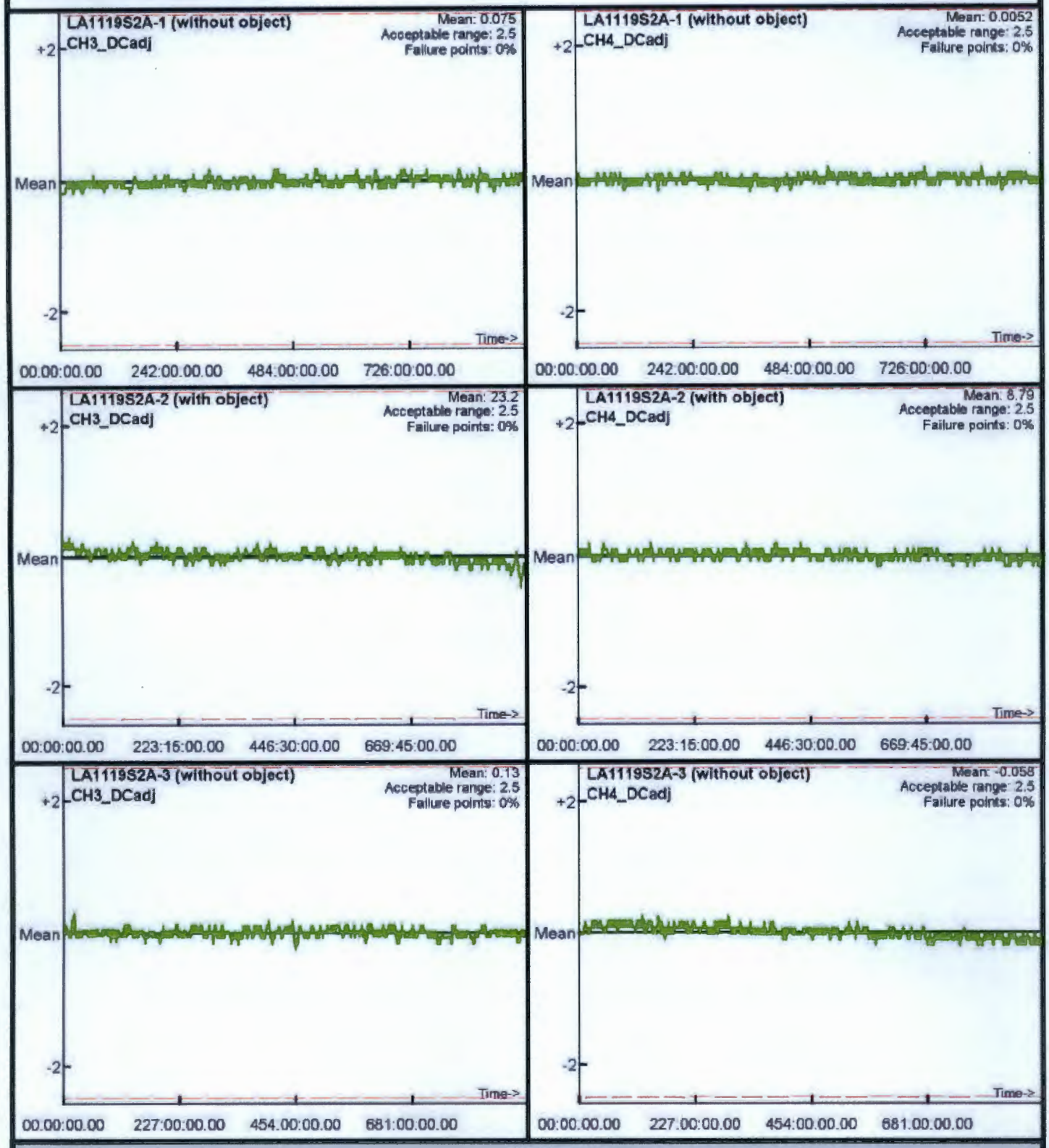
Database: C:\DATA\BRIANS DATA\ARM GROUP - only\PROJECTS\10402 TERR - hanford\02_work\111910\2010-11-19_QC_GeoA
Line Name: LA1119S2A-1 LA1119S2A-2 LA1119S2A-3

Static Calibration Test

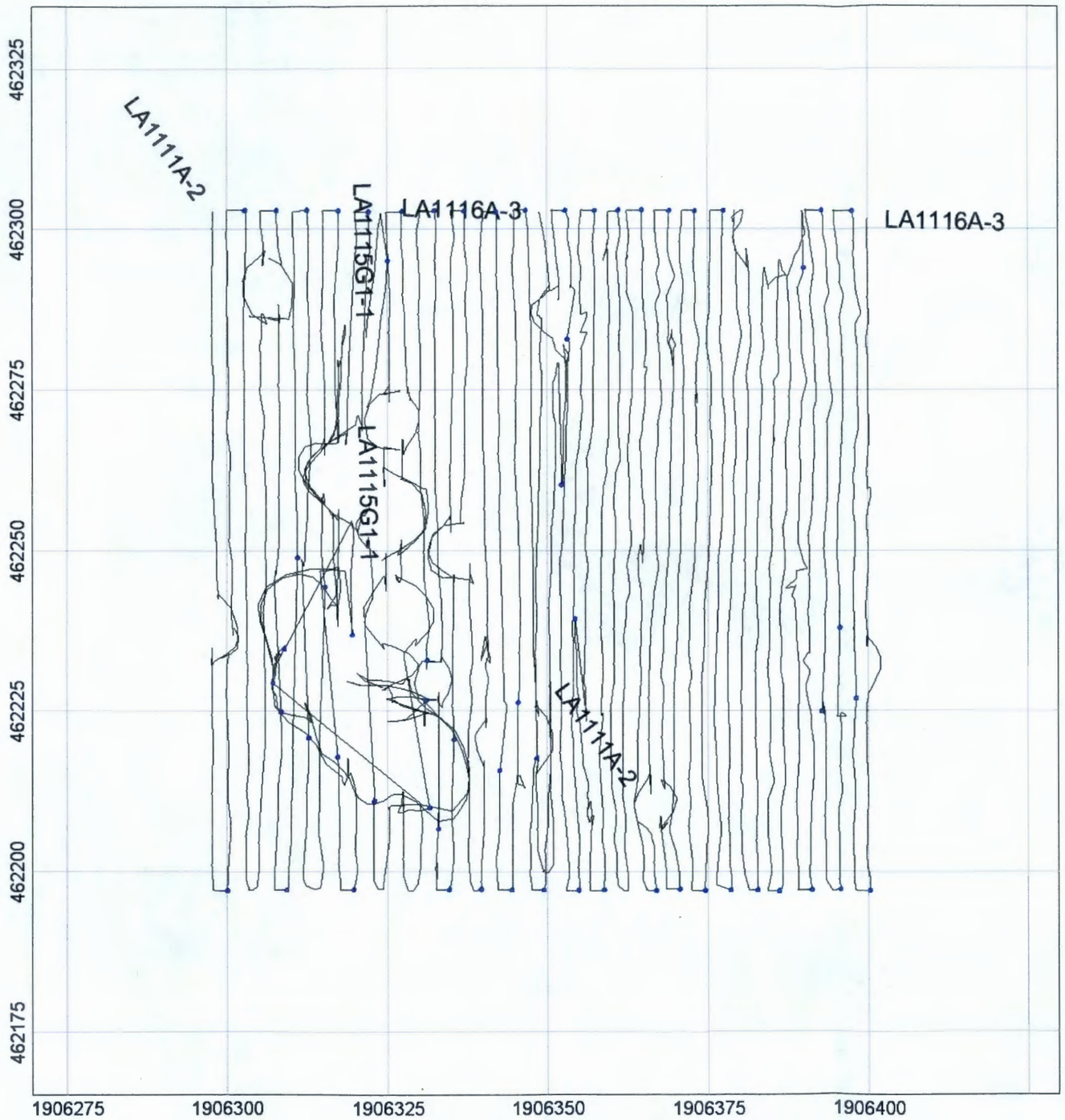
Project: Hanford
Equipment: EM-61 (1.0x0.5m)
Grid/Location: Small Arms Range

Instrument Threshold: 20%
Outside range
Acceptable limits

PM test
Operator: GeoA
Date: 2010/11/20



Database: C:\DATA\BRIANS DATA\ARM GROUP - only\PROJECTS\10402 TERR - hanford\02_work\111910\2010-11-19_QC_GeoA\
Line Name: LA1119S2A-1 LA1119S2A-2 LA1119S2A-3



22x63

Sample Separation

LEGEND

Line path

Flag_Separation

Data exceeding max. data spacing: 0.2%

Map Scale: Scale 1:325

US survey foot

NAD83 / Washington CRS3 South zone

N

Grid North: 0°0'0"

Mag North: 0°0'0"

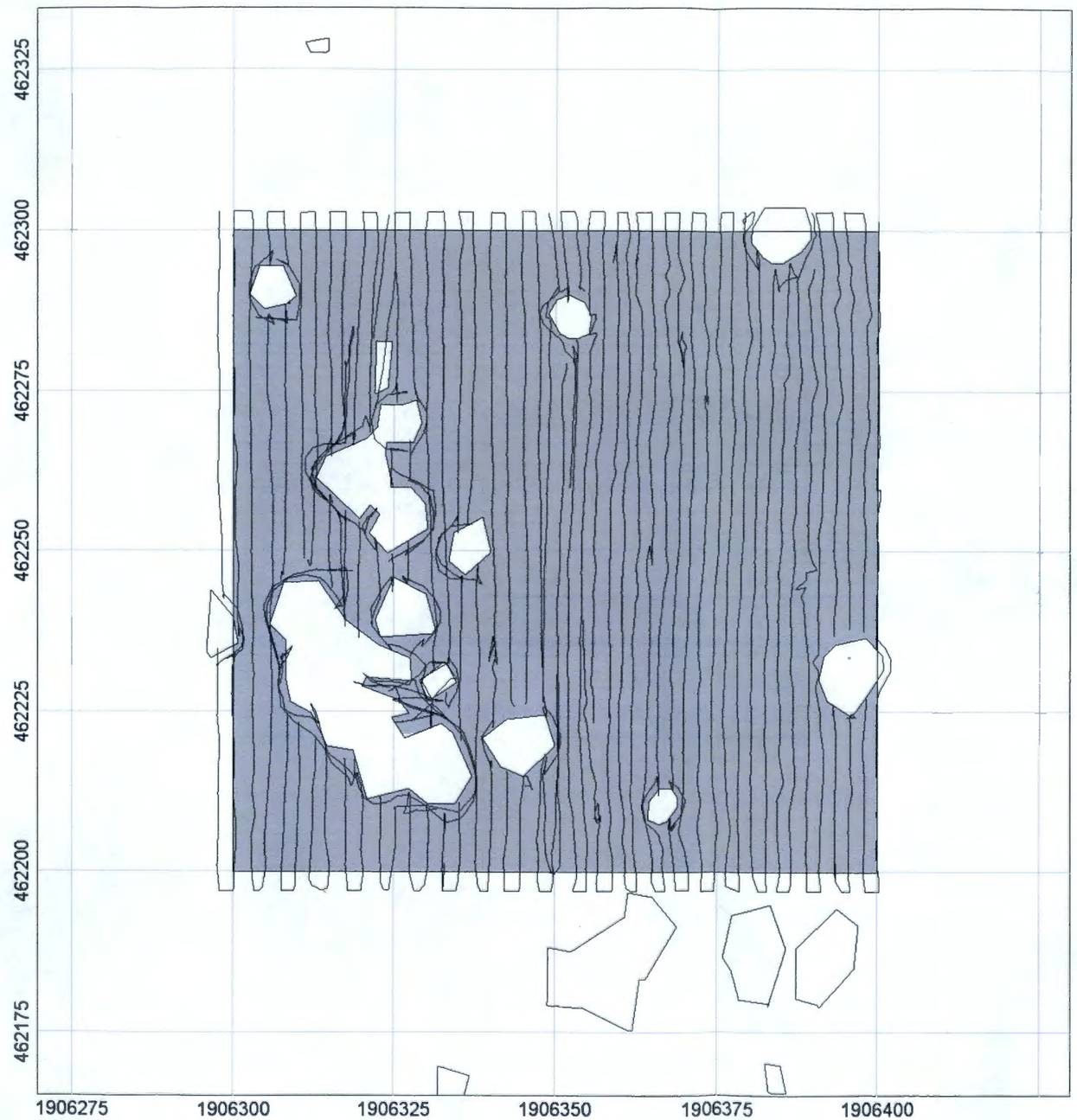
Client: TerranearPMC, LLC

Project: Hanford Former Small Arms Range, Hanford Site, Washington: DGM

Contractor: ARM Geophysics

Created by: "	Verified by:
Date: 2010/11/01	File: 22x63_Subset_DATASEP
Page number:	Approved:

TerranearPMC



22x63

Footprint Coverage

LEGEND

Area covered: 8899.14 Foot²
Total area:8899.14 Foot²
Percentage covered: 100.00 %
Instrument foot print: 3.90 Foot

Map Scale: Scale 1:325

N

Grid North: 0°0'0"
Mag North: 0°0'0"

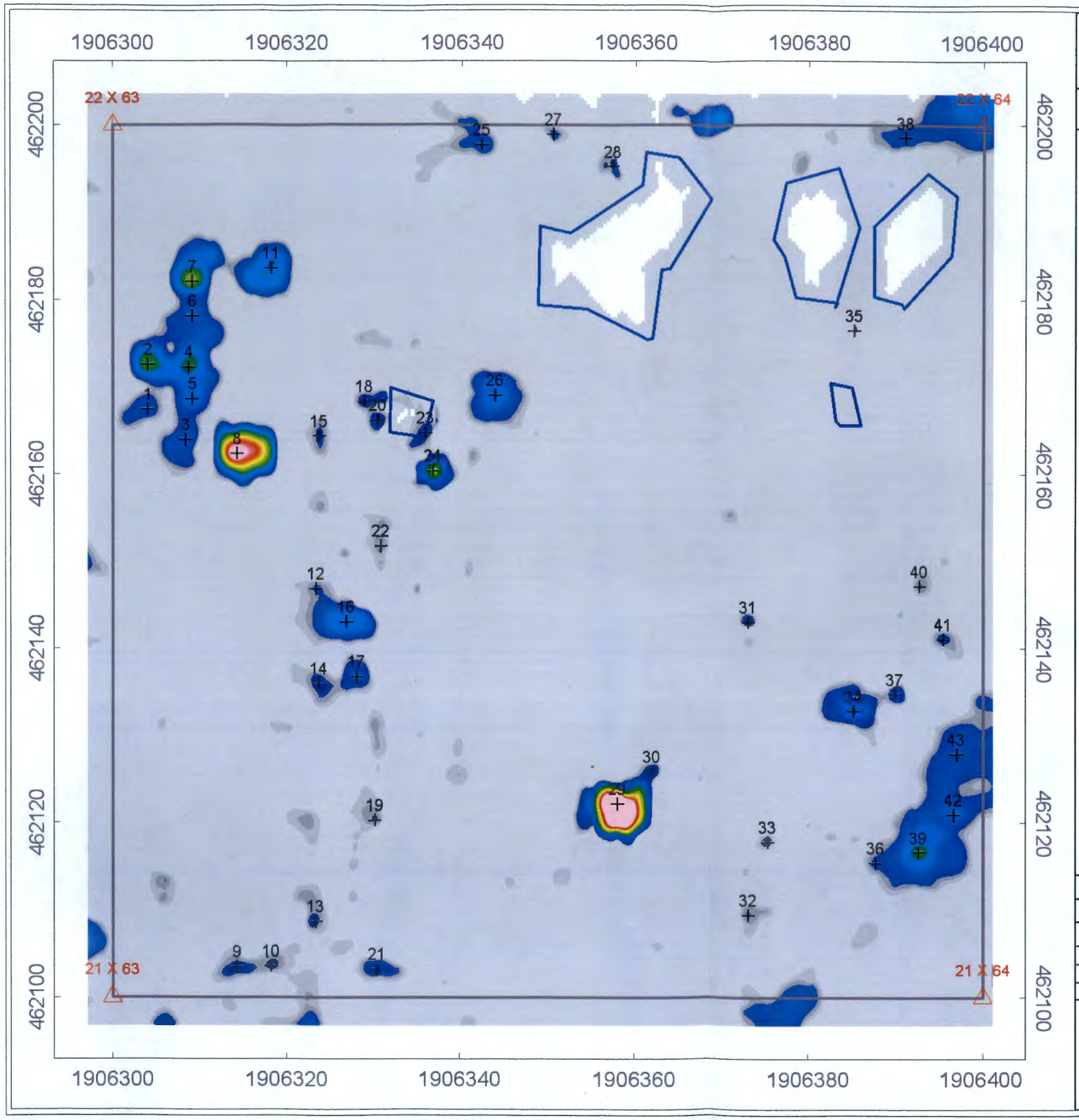
Client: TerranearPMC, LLC

Project: Hanford Former Small Arms Range, Hanford Site, Washington: DGM

Contractor: ARM Geophysics

Created by: *	Verified by:
Date: 2010/11/01	File: 22x63_Subset_uceFootpri...
Page number:	Approved:

APPENDIX C. EXAMPLE PRODUCTION DELIVERABLES



GRID 21X63

EM Geophysical Survey
GPS Positioned Single Coil EM61

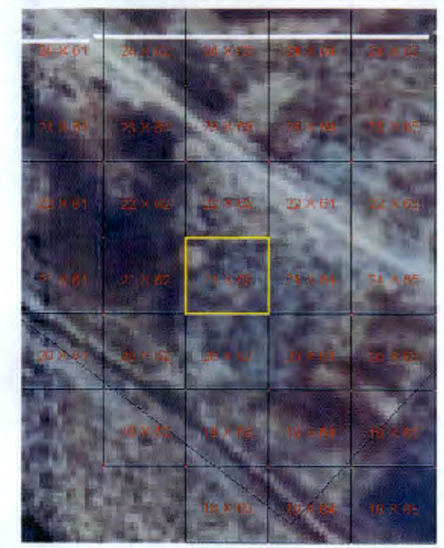
Former Hanford Small Arms Range
Hanford, WA

Legend

- Grid/Area Boundary
- Grid Corner
- 25 Anomaly Number
- Obstacle / Man-Made Feature
- Polygon Anomaly
- Inferred Utility
- Interpreted Anomaly - Class 1
- Interpreted Anomaly - Class 2

EM (CH2)
mV

3 7 11 17 23 29 35 41 48 54 60 66 72 78 84 90 96



Scale 1:205

10 0 10 20

US survey foot

NAD83 / Washington CS83 South zone

CLIENT:	Terranear PMC		
PROJECT:	Hanford, WA		
CONTRACTOR:	ARM Geophysics		
Created By:	IDW	Verified By:	IDW
Date:	Nov-18-2010	File:	21X63
Coordinate System:	NAD83 WA Sth State Plane Feet		

TerranearPMC

ARM GEOPHYSICS

DID OE 005-05

Geophysical Dig Sheet and Target History

Project Name: 10402 Hanford
Contractor: TMPC
Geophysical Contractor: ARM Geophysics
Project Geophysicist: Brian Brunette
Field Team: RG/SMC, JB/MJ
Survey Area ID: Hanford
Sector: x63 Grid: 21x63

Project Location: Hanford, WA
Design Center POC:
Processing Geophysicist: Ian Duke-Wilson
Date: 11/18/2010
Coordinate System: NAD83 Washington South State Plane Feet

Scanning Geophysical Equipment Used: Single-Coil Geonics EM61 MKII GPS Positioned

Reacquisition Geophysical Equipment Used:

Grid Background Value (mV / nT)	Date	Time
3.44		

Unique Target ID	Original Survey					Reacquisition Survey			Dig Results									Post-Dig UXO QC Results			Post-Dig Geophysical QC		
													Offset		Depth								
	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	# of Contacts to dig	Amplitude (Ch2 mV)	Date	Anomaly type *	# of contacts	Approx. weight (lbs-oz / kg-g)	Comments	Distance (inches)	Direction (N, NE, etc.)	Top of Item (inches)	Date	Team Leader Initials	Excavation Hole Cleared?	UXO QC Spec. Initials	Date	Agreement between Dig Results & Geophysical Data? (G=good, P=poor, U=unacceptable)	Geophysicist QC Initials	Date
1	1906303.99	462167.52	9.08	1	########																		
2	1906303.99	462172.64	28.82	1	########																		
3	1906308.32	462163.97	9.17	1	########																		
4	1906308.72	462172.24	24.78	1	########																		
5	1906309.11	462168.70	17.42	1	########																		
6	1906309.11	462178.15	11.42	1	########																		
7	1906309.11	462182.09	39.33	1	########																		
8	1906314.23	462162.39	128.66	1	########																		
9	1906314.25	462103.58	5.44	1	########																		
10	1906318.17	462103.69	5.71	1	########																		
11	1906318.17	462183.67	20.63	1	########																		
12	1906323.27	462146.78	5.30	1	########																		
13	1906323.30	462108.81	5.64	1	########																		
14	1906323.69	462136.00	5.71	1	########																		
15	1906323.69	462164.36	5.42	1	########																		
16	1906326.84	462143.09	16.47	1	########																		
17	1906328.02	462136.78	10.92	1	########																		
18	1906328.84	462168.37	6.04	1	########																		
19	1906330.10	462120.35	5.09	1	########																		
20	1906330.39	462166.24	7.52	1	########																		
21	1906330.39	462103.29	8.45	1	########																		
22	1906330.78	462151.76	5.00	1	########																		
23	1906335.90	462164.76	6.53	1	########																		
24	1906336.69	462160.42	39.14	1	########																		
25	1906342.21	462197.85	7.42	1	########																		
26	1906343.78	462169.09	17.90	1	########																		
27	1906350.48	462199.04	6.44	1	########																		
28	1906357.32	462195.31	5.50	1	########																		
29	1906357.97	462122.21	373.52	1	########																		
30	1906361.95	462125.89	7.28	1	########																		
31	1906372.94	462143.09	7.34	1	########																		
32	1906373.02	462109.49	5.07	1	########																		
33	1906375.25	462117.87	5.33	1	########																		
34	1906385.15	462132.84	22.20	1	########																		
35	1906385.15	462176.58	7.89	1	########																		
36	1906387.70	462115.45	5.51	1	########																		
37	1906389.88	462134.81	8.74	1	########																		
38	1906391.06	462198.64	6.04	1	########																		
39	1906392.64	462116.69	27.52	1	########																		
40	1906392.72	462147.18	5.05	1	########																		
41	1906395.40	462141.12	6.35	1	########																		
42	1906396.58	462121.02	11.38	1	########																		
43	1906396.97	462127.92	8.07	1	########																		

* For Anomaly type, use U for UXO, F for frag, OS for ordnance related scrap, S for scrap, A for small arms ammunition, NC for no contact, O for other.

** Optional Fields

APPENDIX D. COLOR-CODED SITEWIDE DGM MAP

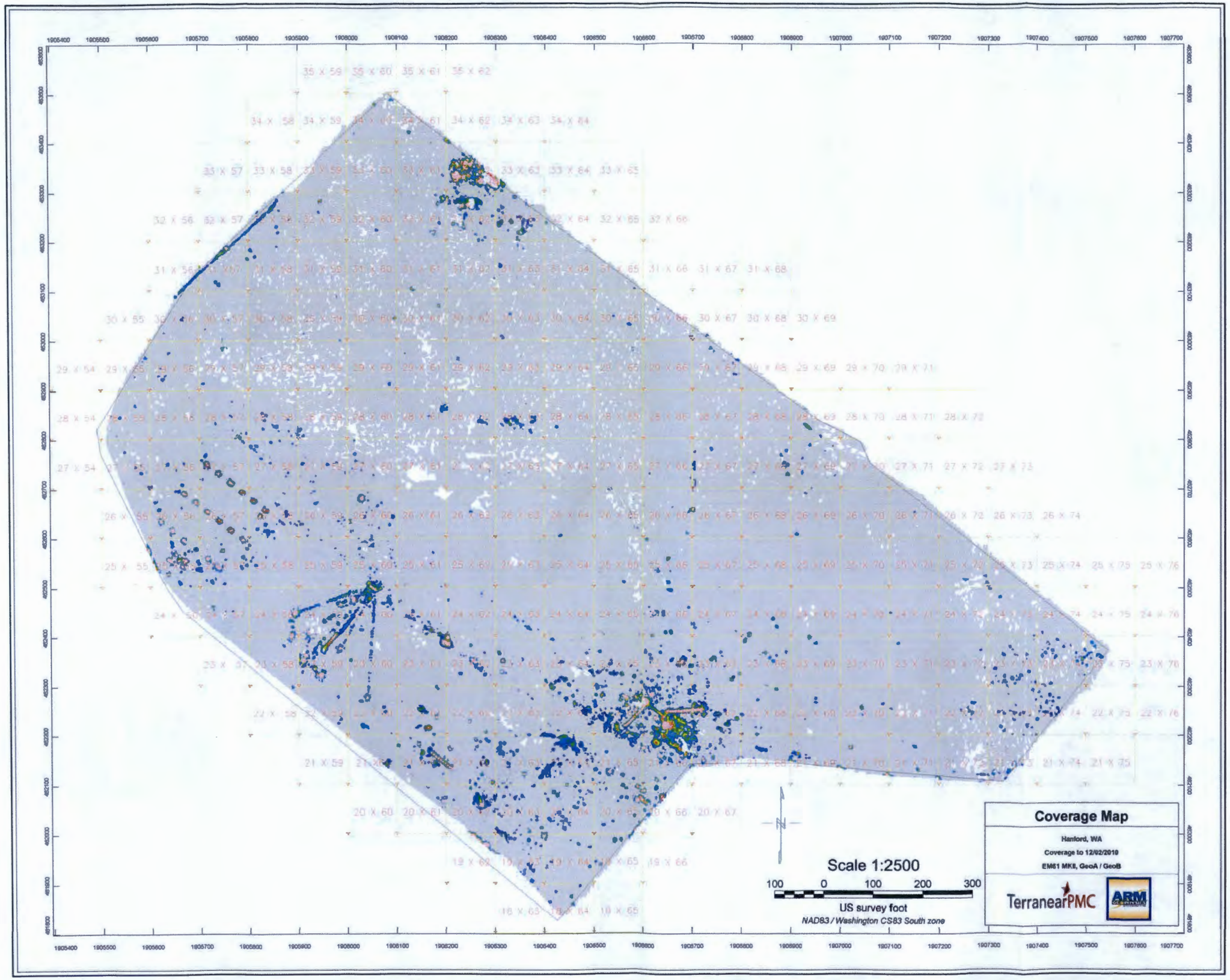

Coverage Map
Hanford, WA
Coverage to 12/02/2010
EM61 MKII, GeoA / GeoB
TerranearPMC
ARM
Scale 1:2500
100 0 100 200 300
US survey foot
NAD83 / Washington CS83 South zone

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
21x72-1	1907230.68	462126.15	100	23.05
21x72-2	1907244.47	462146.24	100	5.38
21x72-3	1907268.11	462121.02	100	5.00
21x72-4	1907277.17	462121.42	100	8.04
21x72-5	1907282.90	462121.09	100	6.29
21x72-6	1907285.43	462120.56	100	8.05
21x72-7	1907298.36	462180.52	100	9.39
21x72-8	1907299.17	462122.76	100	6.78
22x72-1	1907211.79	462226.57	100	5.11
22x72-2	1907243.29	462252.62	100	9.37
22x72-3	1907244.86	462247.50	100	5.95
22x72-4	1907258.26	462255.38	100	5.38
22x72-5	1907259.05	462249.07	100	7.85
22x72-6	1907263.38	462231.74	100	6.90
22x72-7	1907264.76	462245.85	100	129.75
22x72-8	1907265.35	462266.41	100	15.45
22x72-9	1907270.47	462266.02	100	13.55
22x72-10	1907283.47	462257.35	100	5.57
22x72-11	1907289.38	462226.62	100	5.00
22x74-1	1907400.09	462232.13	100	23.01
22x74-2	1907402.46	462287.29	100	13.25
22x74-3	1907404.04	462248.29	100	7.84
22x74-4	1907406.80	462260.50	100	5.29
22x74-5	1907407.19	462256.17	100	6.82
22x74-6	1907407.19	462293.99	100	5.04
22x74-7	1907407.58	462279.41	100	6.59
22x74-8	1907411.92	462247.10	100	8.02
22x74-9	1907418.62	462247.50	100	21.75
22x74-10	1907419.40	462267.59	100	22.57
22x74-11	1907424.92	462269.96	100	5.55
22x74-12	1907425.00	462284.04	100	9.85
22x74-13	1907426.50	462254.59	100	5.58
22x74-14	1907426.55	462281.72	100	13.95
22x74-15	1907427.28	462237.25	100	5.66
22x74-16	1907428.07	462243.56	100	7.77
22x74-17	1907429.65	462240.80	100	8.68
22x74-18	1907430.04	462260.50	100	9.08
22x74-19	1907431.22	462269.56	100	11.30
22x74-20	1907432.41	462277.84	100	6.34
22x74-21	1907436.74	462244.35	100	5.43
22x74-22	1907439.50	462241.98	100	9.38

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
22x74-23	1907443.44	462253.41	100	11.81
22x74-24	1907443.83	462276.26	100	16.17
22x74-25	1907444.18	462247.77	100	8.80
23x72-1	1907250.67	462337.59	100	5.49
23x72-2	1907250.83	462339.95	100	5.33
23x72-3	1907272.44	462359.79	100	5.00
23x72-4	1907284.06	462372.99	100	6.38
23x72-5	1907285.10	462354.46	100	5.56
23x72-6	1907293.07	462336.97	100	5.00
23x74-1	1907404.43	462304.63	100	5.38
23x74-2	1907409.55	462303.84	100	5.90
23x74-3	1907409.55	462362.15	100	19.45
23x74-4	1907410.74	462373.18	100	5.66
23x74-5	1907413.10	462303.45	100	6.79
23x74-6	1907416.25	462368.06	100	19.24
23x74-7	1907416.51	462300.57	100	8.60
23x74-8	1907419.11	462387.48	100	6.04
23x74-9	1907420.59	462376.34	100	6.28
23x74-10	1907421.29	462389.52	100	5.98
23x74-11	1907424.92	462385.00	100	5.07
23x74-12	1907426.10	462304.63	100	9.58
23x74-13	1907429.65	462305.42	100	11.59
23x74-14	1907430.83	462366.09	100	5.49
23x74-15	1907430.83	462372.00	100	15.50
23x74-16	1907435.95	462357.42	100	9.24
23x74-17	1907438.32	462360.97	100	18.24
23x74-18	1907440.29	462394.85	100	13.32
23x74-19	1907454.08	462379.49	100	6.72
23x74-20	1907465.50	462338.12	100	5.31
23x74-21	1907467.87	462381.46	100	6.63
23x74-22	1907479.29	462357.42	100	6.05
23x74-23	1907480.47	462366.88	100	8.56
23x74-24	1907482.84	462349.54	100	35.47
23x74-25	1907491.51	462356.24	100	72.84
23x74-26	1907492.29	462323.15	100	5.20
23x74-27	1907492.69	462345.60	100	10.81
23x74-28	1907493.08	462353.48	100	64.00
23x74-29	1907495.45	462357.42	100	11.50
23x74-30	1907497.42	462322.36	100	10.27
23x74-31	1907497.42	462373.18	100	15.47
23x74-32	1907499.78	462359.79	100	14.67

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
24x73-1	1907302.39	462498.48	100	16.05
24x73-2	1907302.55	462496.05	100	5.68
24x73-3	1907322.09	462480.35	100	13.73
24x73-4	1907325.24	462481.53	100	17.68
24x73-5	1907359.17	462485.50	100	5.06
24x73-6	1907393.01	462401.16	100	10.94
24x74-1	1907406.01	462449.62	100	5.03
24x74-1	1907410.34	462408.64	100	8.45
18x64-1	1906411.03	461864.00	100	9.72
18x64-2	1906422.58	461885.02	100	10.22
18x64-3	1906452.53	461875.17	100	63.68
18x64-4	1906455.68	461859.41	100	84.47
18x64-5	1906469.14	461894.31	100	5.11
18x64-6	1906471.83	461896.05	100	7.91
19x64-1	1906402.10	461933.09	100	8.07
19x64-2	1906404.90	461937.01	100	10.88
19x64-3	1906406.82	461932.69	100	5.27
19x64-4	1906413.31	461945.36	100	6.97
19x64-5	1906452.22	461988.14	100	6.23
19x64-6	1906467.11	461980.37	100	115.32
19x64-7	1906488.78	461974.06	100	7.41
19x64-8	1906491.53	461935.06	100	58.23
19x64-9	1906493.25	461974.95	100	7.01
20x64-1	1906400.52	462083.20	100	6.26
20x64-2	1906402.88	462020.16	100	5.60
20x64-3	1906405.16	462072.60	100	6.14
20x64-4	1906407.43	462071.05	100	6.60
20x64-5	1906407.61	462068.23	100	7.58
20x64-6	1906408.99	462031.39	100	24.04
20x64-7	1906412.73	462026.46	100	16.32
20x64-8	1906414.26	462030.40	100	7.45
20x64-9	1906417.86	462085.17	100	148.33
20x64-10	1906419.87	462034.06	100	5.22
20x64-11	1906422.19	462040.25	100	6.26
20x64-12	1906425.56	462077.47	100	44.94
20x64-13	1906425.97	462080.64	100	34.48
20x64-14	1906427.19	462020.32	100	6.66
20x64-15	1906429.68	462043.80	100	21.60
20x64-16	1906430.36	462085.52	100	6.47
20x64-17	1906432.55	462071.95	100	5.56
20x64-18	1906435.98	462036.31	100	20.94

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
20x64-19	1906436.37	462049.71	100	9.23
20x64-20	1906436.77	462022.13	100	5.60
20x64-21	1906436.77	462027.25	100	11.37
20x64-22	1906437.16	462015.43	100	9.72
20x64-23	1906439.92	462011.89	100	22.76
20x64-24	1906442.15	462096.82	100	6.97
20x64-25	1906442.23	462015.12	100	5.70
20x64-26	1906442.28	462030.01	100	20.78
20x64-27	1906443.21	462027.47	100	9.48
20x64-28	1906444.67	462098.21	100	123.60
20x64-29	1906448.19	462019.77	100	10.71
20x64-30	1906448.19	462023.31	100	6.59
20x64-31	1906450.60	462025.20	100	5.71
20x64-32	1906451.35	462017.40	100	5.27
20x64-33	1906458.44	462055.23	100	106.08
20x64-34	1906459.23	462074.14	100	6.42
20x64-35	1906461.34	462097.15	100	16.10
20x64-36	1906463.56	462053.26	100	45.53
20x64-37	1906467.11	462063.82	100	9.13
20x64-38	1906467.50	462066.26	100	10.71
20x64-39	1906471.42	462087.55	100	15.09
20x64-40	1906471.83	462074.93	100	9.56
20x64-41	1906477.35	462070.59	100	8.24
20x64-42	1906479.32	462061.53	100	12.53
20x64-43	1906484.05	462081.62	100	7.41
20x64-44	1906486.62	462089.75	100	5.96
20x64-45	1906489.17	462087.53	100	11.21
20x64-46	1906491.82	462085.77	100	7.33
20x64-47	1906496.46	462084.87	100	8.28
21x64-1	1906400.49	462198.94	100	11.02
21x64-2	1906400.65	462130.36	100	8.32
21x64-3	1906401.05	462122.23	100	6.63
21x64-4	1906401.13	462126.54	100	8.57
21x64-5	1906402.32	462133.47	100	13.55
21x64-6	1906405.25	462118.66	100	215.65
21x64-7	1906405.25	462134.42	100	24.74
21x64-8	1906405.25	462198.64	100	18.63
21x64-9	1906407.22	462137.18	100	18.80
21x64-10	1906409.65	462128.05	100	5.13
21x64-11	1906409.65	462133.70	100	6.40
21x64-12	1906410.21	462199.26	100	12.51

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
21x64-13	1906413.13	462165.94	100	6.09
21x64-14	1906414.70	462139.94	100	8.57
21x64-15	1906415.10	462198.64	100	12.36
21x64-16	1906415.22	462195.36	100	7.09
21x64-17	1906417.86	462141.91	100	13.02
21x64-18	1906417.86	462150.57	100	5.10
21x64-19	1906417.86	462199.43	100	14.84
21x64-20	1906418.25	462169.88	100	16.32
21x64-21	1906419.83	462195.88	100	11.37
21x64-22	1906420.22	462116.30	100	6.59
21x64-23	1906421.01	462180.91	100	7.58
21x64-24	1906422.19	462138.36	100	5.43
21x64-25	1906422.58	462128.12	100	6.59
21x64-26	1906425.02	462151.07	100	5.45
21x64-27	1906425.74	462183.28	100	15.33
21x64-28	1906425.74	462194.70	100	5.60
21x64-29	1906427.41	462152.34	100	9.95
21x64-30	1906427.71	462141.12	100	7.08
21x64-31	1906427.73	462180.30	100	8.17
21x64-32	1906428.45	462195.91	100	8.62
21x64-33	1906429.68	462136.39	100	7.58
21x64-34	1906430.07	462182.88	100	14.01
21x64-35	1906431.25	462142.50	100	8.07
21x64-36	1906432.43	462123.39	100	23.75
21x64-37	1906432.43	462193.13	100	73.08
21x64-38	1906432.99	462177.12	100	9.30
21x64-39	1906433.22	462186.82	100	28.53
21x64-40	1906434.80	462194.70	100	69.29
21x64-41	1906435.59	462179.73	100	24.74
21x64-42	1906438.34	462158.06	100	12.20
21x64-43	1906438.34	462172.64	100	21.77
21x64-44	1906438.34	462191.94	100	19.62
21x64-45	1906439.92	462184.84	100	16.30
21x64-46	1906439.92	462197.07	100	51.47
21x64-47	1906440.25	462179.03	100	14.25
21x64-48	1906440.31	462174.61	100	27.87
21x64-49	1906440.31	462188.79	100	19.29
21x64-50	1906443.02	462177.75	100	13.72
21x64-51	1906443.66	462192.73	100	16.82
21x64-52	1906444.65	462100.93	100	272.24
21x64-53	1906445.04	462150.18	100	6.09

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
21x64-54	1906445.04	462174.21	100	6.26
21x64-55	1906445.44	462186.82	100	28.86
21x64-56	1906447.17	462191.06	100	16.85
21x64-57	1906448.59	462181.31	100	15.50
21x64-58	1906449.38	462117.87	100	6.75
21x64-59	1906450.16	462188.79	100	21.44
21x64-60	1906452.58	462179.98	100	30.67
21x64-61	1906454.50	462107.63	100	5.60
21x64-62	1906455.12	462190.91	100	5.00
21x64-63	1906455.37	462175.20	100	20.39
21x64-64	1906455.68	462179.73	100	47.84
21x64-65	1906455.68	462186.43	100	23.09
21x64-66	1906457.26	462145.45	100	9.06
21x64-67	1906457.44	462195.20	100	8.28
21x64-68	1906457.65	462192.34	100	12.86
21x64-69	1906457.76	462182.13	100	37.41
21x64-70	1906457.84	462173.69	100	13.08
21x64-71	1906459.62	462188.79	100	5.93
21x64-72	1906460.71	462170.66	100	12.69
21x64-73	1906460.80	462174.21	100	18.96
21x64-74	1906462.62	462162.78	100	5.70
21x64-75	1906462.99	462182.56	100	6.51
21x64-76	1906463.56	462171.46	100	15.50
21x64-77	1906463.95	462160.23	100	6.01
21x64-78	1906464.35	462106.05	100	6.42
21x64-79	1906464.77	462165.80	100	14.22
21x64-80	1906465.53	462168.70	100	19.13
21x64-81	1906466.71	462103.29	100	9.06
21x64-82	1906467.89	462180.91	100	5.43
21x64-83	1906469.47	462101.72	100	5.76
21x64-84	1906469.86	462137.57	100	12.86
21x64-85	1906470.35	462164.85	100	5.72
21x64-86	1906470.35	462169.55	100	6.10
21x64-87	1906471.44	462177.76	100	8.40
21x64-88	1906472.62	462183.67	100	26.55
21x64-89	1906474.99	462176.58	100	23.25
21x64-90	1906475.38	462167.12	100	5.10
21x64-91	1906476.56	462122.21	100	7.74
21x64-92	1906477.35	462107.63	100	9.23
21x64-93	1906477.36	462179.43	100	8.72
21x64-94	1906478.93	462105.66	100	6.92

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
21x64-95	1906479.71	462170.67	100	65.16
21x64-96	1906482.08	462162.79	100	10.05
21x64-97	1906482.29	462169.31	100	12.23
21x64-98	1906484.05	462149.39	100	6.42
21x64-99	1906484.76	462173.05	100	7.55
21x64-100	1906486.81	462150.18	100	6.42
21x64-101	1906486.81	462160.82	100	10.55
21x64-102	1906488.38	462136.78	100	5.76
21x64-103	1906488.38	462140.33	100	5.10
21x64-104	1906491.93	462181.70	100	7.91
21x64-105	1906492.32	462162.79	100	6.26
21x64-106	1906493.50	462152.15	100	7.58
21x64-107	1906494.29	462156.88	100	11.04
21x64-108	1906496.66	462146.24	100	10.88
21x64-109	1906496.66	462149.00	100	7.25
21x64-110	1906496.66	462154.91	100	6.59
21x64-111	1906497.84	462110.78	100	17.31
21x64-112	1906498.23	462151.76	100	7.08
21x73-1	1907307.20	462177.84	100	6.08
21x73-2	1907307.68	462121.82	100	11.86
21x73-3	1907310.66	462122.60	100	33.92
21x73-4	1907312.08	462113.41	100	5.48
21x73-5	1907320.12	462124.18	100	7.23
21x73-6	1907323.27	462122.60	100	13.50
21x73-7	1907326.53	462124.58	100	5.22
21x73-8	1907328.41	462137.37	100	5.70
21x73-9	1907332.33	462124.96	100	7.00
21x73-10	1907333.51	462111.96	100	8.16
21x73-11	1907333.79	462128.47	100	5.20
21x73-12	1907334.31	462152.25	100	5.07
21x73-13	1907335.21	462163.98	100	5.15
21x73-14	1907335.25	462114.49	100	8.34
21x73-15	1907337.85	462124.96	100	14.66
21x73-16	1907339.36	462121.72	100	7.92
21x73-17	1907339.42	462131.27	100	11.64
21x73-18	1907342.57	462127.33	100	29.05
21x73-19	1907343.76	462129.30	100	38.10
21x73-20	1907350.60	462132.87	100	105.93
22x64-1	1906400.70	462203.23	100	9.14
22x64-2	1906405.25	462287.29	100	6.09
22x64-3	1906407.61	462222.68	100	7.74

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
22x64-4	1906412.73	462218.34	100	8.57
22x64-5	1906415.10	462297.14	100	161.86
22x64-6	1906417.86	462279.81	100	8.90
22x64-7	1906420.18	462297.42	100	24.69
22x64-8	1906427.71	462209.28	100	17.31
22x64-9	1906429.68	462276.65	100	5.76
22x64-10	1906430.07	462286.11	100	22.10
22x64-11	1906438.34	462275.08	100	7.25
22x64-12	1906441.50	462270.35	100	18.47
22x64-13	1906442.68	462276.12	100	8.29
22x64-14	1906447.41	462206.13	100	9.89
22x64-15	1906456.86	462279.81	100	37.77
22x64-16	1906458.04	462200.61	100	6.59
22x64-17	1906458.83	462257.74	100	6.26
22x64-18	1906459.23	462265.62	100	123.08
22x64-19	1906464.74	462290.44	100	8.24
22x64-20	1906465.05	462261.57	100	8.99
22x64-21	1906469.08	462258.92	100	5.60
22x64-22	1906471.44	462261.29	100	7.58
22x64-23	1906474.59	462249.47	100	7.25
22x64-24	1906477.15	462257.55	100	5.72
22x64-25	1906477.80	462243.64	100	6.09
22x64-26	1906478.14	462247.50	100	9.23
22x64-27	1906478.14	462250.26	100	9.56
22x64-28	1906478.53	462253.41	100	5.76
22x64-29	1906478.77	462272.28	100	5.59
22x64-30	1906478.93	462276.26	100	7.91
22x64-31	1906482.87	462242.77	100	11.04
22x64-32	1906483.65	462254.59	100	12.03
22x64-33	1906485.23	462230.56	100	5.76
22x64-34	1906485.23	462238.83	100	8.07
22x64-35	1906485.62	462249.47	100	8.07
22x64-36	1906487.59	462245.13	100	5.60
22x64-37	1906487.99	462255.38	100	53.94
22x64-38	1906488.38	462222.68	100	6.59
22x64-39	1906488.78	462206.92	100	5.43
22x64-40	1906490.07	462249.90	100	10.52
22x64-41	1906490.35	462220.71	100	7.08
22x64-42	1906492.32	462232.53	100	6.26
22x64-43	1906492.52	462244.94	100	13.35
22x64-44	1906492.72	462251.44	100	15.50

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
22x64-45	1906493.11	462222.28	100	7.25
22x64-46	1906495.08	462225.83	100	11.21
22x64-47	1906495.87	462274.68	100	10.55
22x64-48	1906497.73	462295.19	100	5.15
22x64-49	1906497.77	462268.55	100	9.08
22x64-50	1906497.84	462224.65	100	12.53
22x64-51	1906498.23	462233.31	100	8.40
22x64-52	1906499.81	462248.68	100	5.43
22x73-1	1907320.90	462247.10	100	18.60
22x73-2	1907326.03	462217.16	100	36.01
22x73-3	1907328.39	462250.26	100	5.84
22x73-4	1907329.57	462228.98	100	5.84
22x73-5	1907331.54	462243.95	100	15.35
22x73-6	1907332.53	462209.67	100	5.84
22x73-7	1907341.39	462297.54	100	10.02
22x73-8	1907341.79	462284.14	100	5.61
22x73-9	1907345.56	462249.58	100	5.84
22x73-10	1907349.27	462201.40	100	6.77
22x73-11	1907350.45	462233.71	100	5.37
22x73-12	1907350.85	462247.50	100	6.53
22x73-13	1907353.61	462230.95	100	15.35
22x73-14	1907354.39	462244.74	100	6.53
22x73-15	1907355.97	462261.29	100	7.93
22x73-16	1907357.55	462245.53	100	6.77
22x73-17	1907358.73	462296.35	100	5.14
22x73-18	1907364.64	462241.98	100	8.16
22x73-19	1907366.49	462244.77	100	5.13
22x73-20	1907367.40	462221.49	100	5.14
22x73-21	1907371.73	462201.40	100	7.46
22x73-22	1907371.73	462245.53	100	16.75
22x73-23	1907376.85	462200.22	100	6.30
22x73-24	1907377.64	462221.89	100	10.02
22x73-25	1907378.82	462218.74	100	12.80
22x73-26	1907382.76	462223.86	100	5.37
22x73-27	1907385.91	462239.62	100	5.61
22x73-28	1907389.07	462216.37	100	7.46
22x73-29	1907389.46	462201.40	100	15.12
22x73-30	1907391.04	462293.60	100	16.05
22x73-31	1907391.82	462288.87	100	5.61
22x73-32	1907396.95	462273.50	100	7.93
22x73-33	1907397.34	462259.71	100	5.84

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
22x73-34	1907398.92	462201.40	100	18.14
22x73-35	1907399.74	462232.45	100	24.40
22x73-36	1907400.10	462256.17	100	4.91
23x64-1	1906400.69	462313.84	100	7.08
23x64-2	1906403.28	462309.75	100	41.07
23x64-3	1906405.25	462306.60	100	6.09
23x64-4	1906413.21	462302.41	100	31.67
23x64-5	1906415.10	462393.67	100	21.27
23x64-6	1906420.22	462304.23	100	5.27
23x64-7	1906420.22	462308.57	100	7.91
23x64-8	1906421.01	462366.09	100	6.92
23x64-9	1906422.98	462309.36	100	10.55
23x64-10	1906427.71	462310.54	100	10.55
23x64-11	1906427.71	462387.76	100	5.27
23x64-12	1906428.10	462346.39	100	6.09
23x64-13	1906431.23	462317.58	100	7.30
23x64-14	1906433.62	462348.76	100	13.35
23x64-15	1906435.19	462316.84	100	15.33
23x64-16	1906437.16	462348.76	100	8.57
23x64-17	1906437.72	462310.55	100	11.73
23x64-18	1906440.31	462312.90	100	40.25
23x64-19	1906442.28	462314.48	100	30.84
23x64-20	1906445.04	462305.81	100	5.43
23x64-21	1906447.39	462301.43	100	10.95
23x64-22	1906447.57	462308.32	100	5.06
23x64-23	1906449.77	462304.23	100	24.41
23x64-24	1906455.29	462391.31	100	5.43
23x64-25	1906456.86	462310.14	100	10.55
23x64-26	1906458.59	462312.63	100	5.24
23x64-27	1906465.14	462338.51	100	5.43
23x64-28	1906467.50	462335.75	100	5.43
23x64-29	1906470.26	462335.36	100	5.43
23x64-30	1906473.80	462333.78	100	7.08
23x64-31	1906474.99	462395.64	100	5.60
23x64-32	1906484.05	462366.29	100	5.35
23x64-33	1906490.35	462373.58	100	7.25
23x64-34	1906491.14	462338.91	100	10.71
23x64-35	1906494.29	462329.84	100	23.75
23x64-36	1906496.66	462325.12	100	14.34
23x64-37	1906497.84	462321.57	100	6.42
23x64-38	1906499.81	462319.99	100	9.72

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
23x73-1	1907307.51	462306.60	100	14.66
23x73-2	1907311.45	462334.57	100	10.71
23x73-3	1907312.28	462325.41	100	5.06
23x73-4	1907315.39	462320.78	100	6.30
23x73-5	1907315.78	462334.18	100	10.48
23x73-6	1907320.12	462309.36	100	6.07
23x73-7	1907328.05	462367.12	100	5.26
23x73-8	1907329.18	462306.99	100	5.37
23x73-9	1907330.36	462364.12	100	17.91
23x73-10	1907331.54	462321.57	100	13.73
23x73-11	1907331.69	462318.75	100	10.69
23x73-12	1907331.94	462310.14	100	73.61
23x73-13	1907333.89	462361.47	100	7.67
23x73-14	1907337.85	462300.29	100	11.64
23x73-15	1907337.85	462308.57	100	5.61
23x73-16	1907343.76	462380.28	100	7.23
23x73-17	1907344.23	462377.56	100	5.14
23x73-18	1907346.91	462316.05	100	26.26
23x73-19	1907349.86	462373.78	100	5.49
23x73-20	1907351.24	462313.69	100	11.41
23x73-21	1907354.79	462305.42	100	11.64
23x73-22	1907355.18	462363.33	100	7.70
23x73-23	1907357.55	462321.18	100	7.00
23x73-24	1907357.94	462312.90	100	6.53
23x73-25	1907360.30	462362.15	100	5.37
23x73-26	1907363.06	462315.66	100	23.48
23x73-27	1907367.00	462322.36	100	39.21
23x73-28	1907370.94	462348.36	100	5.61
23x73-29	1907371.34	462364.16	100	5.09
23x73-30	1907374.60	462322.77	100	5.07
23x73-31	1907378.03	462363.73	100	11.18
23x73-32	1907383.16	462329.84	100	12.80
23x73-33	1907387.49	462308.57	100	8.16
23x73-34	1907393.01	462393.67	100	5.84
23x73-35	1907394.42	462308.69	100	5.75
23x73-36	1907396.82	462309.94	100	7.39
23x73-37	1907396.95	462306.20	100	8.39
23x75-1	1907500.17	462337.33	100	6.08
23x75-2	1907500.17	462370.43	100	6.84
23x75-3	1907502.14	462341.27	100	32.25
23x75-4	1907502.93	462362.15	100	10.38

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
23x75-5	1907505.30	462365.70	100	22.49
23x75-6	1907509.24	462356.24	100	8.44
23x75-7	1907509.63	462367.67	100	7.98
23x75-8	1907511.62	462386.61	100	28.64
23x75-9	1907513.57	462362.94	100	5.43
23x75-10	1907517.12	462378.31	100	34.37
23x75-11	1907517.12	462381.06	100	29.78
23x75-12	1907520.70	462361.15	100	7.81
23x75-13	1907522.24	462363.73	100	16.72
23x75-14	1907526.64	462363.81	100	6.83
23x75-15	1907530.12	462358.21	100	18.78
21x71-1	1907126.66	462187.61	100	6.08
21x71-2	1907150.70	462176.58	100	54.98
21x71-3	1907158.18	462130.48	100	159.21
22x71-1	1907102.63	462254.59	100	6.94
23x71-1	1907117.99	462386.58	100	19.14
24x71-1	1907100.13	462448.32	100	7.68
24x71-2	1907196.40	462448.83	100	5.70
21x69-1	1906900.51	462157.27	100	15.33
21x69-2	1906901.29	462148.60	100	202.71
21x69-3	1906904.47	462165.60	100	7.10
21x69-4	1906907.72	462166.23	100	8.51
21x69-5	1906909.96	462161.21	100	13.07
21x69-6	1906913.11	462181.70	100	5.90
21x69-7	1906914.49	462162.20	100	74.88
21x69-8	1906916.27	462154.51	100	7.33
21x69-9	1906929.66	462160.42	100	7.22
21x69-10	1906930.84	462153.73	100	7.42
21x69-11	1906936.36	462154.12	100	6.25
21x69-12	1906984.82	462142.30	100	5.92
21x69-13	1906995.85	462141.51	100	5.15
21x69-14	1906996.92	462138.29	100	28.97
22x70-1	1907042.74	462257.35	100	66.30
22x70-2	1907045.50	462241.59	100	17.38
22x70-3	1907086.47	462265.43	100	7.24
23x70-1	1907035.65	462334.97	100	5.14
24x70-1	1907005.70	462410.61	100	5.93
26x64-1	1906430.07	462602.89	100	13.02
26x64-2	1906432.83	462605.25	100	14.84
26x70-1	1907070.71	462605.25	100	4.99
26x71-1	1907151.09	462650.95	100	13.41

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
27x64-1	1906441.89	462719.51	100	6.09
27x64-2	1906462.78	462761.71	100	5.47
27x70-1	1907077.02	462709.27	100	5.57
28x64-1	1906423.77	462824.31	100	23.09
28x64-2	1906400.52	462899.17	100	4.94
29x64-1	1906417.86	462920.45	100	6.75
29x64-2	1906434.40	462905.08	100	5.60
30x64-1	1906454.50	463091.84	100	5.27
30x64-2	1906487.59	463095.40	100	5.37
30x64-3	1906488.78	463053.62	100	5.93
31x64-1	1906440.71	463173.40	100	6.59
31x64-2	1906448.98	463158.82	100	6.42
31x64-3	1906483.26	463180.10	100	6.26
32x64-1	1906402.49	463235.26	100	163.51
32x64-2	1906405.64	463244.32	100	5.10
32x64-3	1906443.47	463218.71	100	8.90
21x68-1	1906819.34	462168.70	100	4.93
21x68-2	1906825.65	462154.51	100	5.15
21x68-3	1906825.65	462182.49	100	5.41
21x68-4	1906830.77	462175.79	100	12.99
21x68-5	1906835.10	462171.46	100	13.90
21x68-6	1906839.04	462169.49	100	14.33
21x68-7	1906842.58	462173.70	100	5.89
21x68-8	1906848.50	462171.06	100	15.79
21x68-9	1906857.95	462176.97	100	6.89
21x68-10	1906870.96	462185.25	100	5.40
21x68-11	1906891.44	462163.97	100	5.38
21x68-12	1906899.72	462154.51	100	11.77
22x68-1	1906800.57	462241.93	100	12.48
22x68-2	1906803.19	462202.98	100	9.76
22x68-3	1906828.80	462216.77	100	11.10
22x68-4	1906831.16	462202.19	100	48.47
22x68-5	1906832.34	462272.71	100	15.65
22x68-6	1906837.86	462215.58	100	8.88
22x68-7	1906869.38	462293.99	100	41.66
22x69-1	1906928.48	462232.92	100	5.87
22x69-2	1906948.52	462268.85	100	6.00
22x69-3	1906950.15	462274.68	100	9.82
22x69-4	1906951.73	462266.41	100	14.18
23x68-1	1906805.95	462391.70	100	50.93
23x68-2	1906808.87	462395.38	100	6.34

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
23x68-3	1906828.01	462351.12	100	9.06
23x68-4	1906836.68	462362.15	100	5.58
23x68-5	1906843.38	462367.27	100	7.23
23x68-6	1906848.10	462366.09	100	64.45
23x68-7	1906849.48	462300.89	100	5.68
23x68-8	1906856.38	462356.24	100	21.91
23x68-9	1906864.65	462349.15	100	26.47
23x68-10	1906870.56	462361.36	100	10.12
23x68-11	1906889.87	462369.24	100	14.53
23x68-12	1906890.26	462366.09	100	6.74
23x69-1	1906919.12	462377.48	100	5.03
23x69-2	1906937.55	462399.14	100	20.68
23x69-3	1906947.23	462386.03	100	6.75
23x69-4	1906951.73	462386.58	100	30.27
24x68-1	1906817.77	462403.13	100	298.09
24x68-2	1906863.08	462435.44	100	37.54
24x68-3	1906870.37	462419.68	100	31.80
25x69-1	1906913.11	462584.76	100	5.70
25x69-2	1906958.42	462518.18	100	5.08
25x69-3	1906995.46	462514.24	100	5.32
27x68-1	1906815.01	462728.18	100	5.06
27x68-2	1906824.46	462732.12	100	9.24
27x68-3	1906878.05	462767.58	100	27.96
27x68-4	1906885.14	462752.21	100	27.28
27x68-5	1906888.88	462743.74	100	5.27
27x68-6	1906889.87	462777.23	100	18.12
27x68-7	1906891.12	462728.39	100	113.17
27x68-8	1906893.46	462747.34	100	20.53
28x69-1	1906928.09	462829.04	100	34.82
28x69-2	1906928.09	462861.74	100	154.11
28x69-3	1906932.81	462825.50	100	64.77
28x69-4	1906934.78	462823.13	100	70.10
28x69-5	1906937.94	462821.16	100	64.32
28x69-6	1906960.00	462805.40	100	9.94
18x63-1	1906386.73	461889.75	100	12.61
18x63-2	1906391.46	461885.02	100	5.93
19x63-1	1906303.99	461984.70	100	5.97
19x63-2	1906308.37	461999.47	100	5.70
19x63-3	1906312.73	461998.49	100	10.43
19x63-4	1906317.37	461995.53	100	5.74
19x63-5	1906321.73	461995.96	100	9.12

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
19x63-6	1906322.11	461990.61	100	12.24
19x63-7	1906322.51	461987.46	100	6.54
19x63-8	1906324.82	461984.14	100	11.10
19x63-9	1906326.05	461998.49	100	8.25
19x63-10	1906326.65	461991.32	100	5.59
19x63-11	1906330.78	461992.97	100	23.64
19x63-12	1906336.91	461989.91	100	8.99
19x63-13	1906340.24	461991.40	100	13.76
19x63-14	1906350.93	461999.34	100	6.15
19x63-15	1906351.82	461925.09	100	7.05
19x63-16	1906354.91	461981.75	100	6.87
19x63-17	1906357.18	461968.94	100	7.49
19x63-18	1906358.36	461921.27	100	18.89
19x63-19	1906359.41	461928.88	100	17.94
19x63-20	1906364.79	461980.19	100	5.22
19x63-21	1906366.64	461987.46	100	36.94
19x63-22	1906366.72	461939.85	100	10.53
19x63-23	1906367.42	461960.27	100	8.06
19x63-24	1906370.18	461934.66	100	11.29
19x63-25	1906371.36	461971.70	100	8.25
19x63-26	1906372.94	461907.87	100	29.34
19x63-27	1906373.61	461997.92	100	5.53
19x63-28	1906373.73	461929.54	100	13.38
19x63-29	1906374.12	461939.39	100	8.44
19x63-30	1906376.85	461906.95	100	15.47
19x63-31	1906377.27	461926.78	100	16.61
19x63-32	1906379.24	461929.93	100	6.92
19x63-33	1906381.91	461982.18	100	9.67
19x63-34	1906391.06	461951.60	100	7.30
19x63-35	1906391.06	461956.73	100	5.40
19x63-36	1906392.74	461999.33	100	25.79
19x63-37	1906393.03	461977.21	100	7.87
20x63-1	1906301.24	462077.98	100	6.05
20x63-2	1906301.43	462081.68	100	7.20
20x63-3	1906302.02	462012.67	100	9.91
20x63-4	1906304.38	462006.55	100	8.17
20x63-5	1906304.38	462049.71	100	10.30
20x63-6	1906306.05	462097.11	100	7.56
20x63-7	1906306.60	462040.46	100	6.90
20x63-8	1906308.72	462090.69	100	5.23
20x63-9	1906309.90	462004.40	100	18.48

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
20x63-10	1906311.87	462036.71	100	6.79
20x63-11	1906313.72	462075.58	100	6.17
20x63-12	1906316.40	462004.24	100	5.39
20x63-13	1906316.60	462077.68	100	14.58
20x63-14	1906319.35	462001.28	100	7.12
20x63-15	1906319.36	462004.40	100	6.59
20x63-16	1906322.11	462057.98	100	10.10
20x63-17	1906322.68	462095.73	100	7.80
20x63-18	1906328.81	462081.23	100	6.79
20x63-19	1906328.83	462055.67	100	5.16
20x63-20	1906333.77	462038.34	100	5.44
20x63-21	1906333.93	462073.74	100	5.03
20x63-22	1906339.06	462002.04	100	13.81
20x63-23	1906341.16	462074.66	100	12.94
20x63-24	1906341.72	462008.58	100	6.74
20x63-25	1906344.21	462044.16	100	7.70
20x63-26	1906346.15	462046.95	100	11.47
20x63-27	1906348.17	462082.85	100	5.41
20x63-28	1906348.74	462018.29	100	5.76
20x63-29	1906348.74	462071.79	100	7.53
20x63-30	1906353.73	462051.74	100	5.18
20x63-31	1906354.01	462075.86	100	7.45
20x63-32	1906354.03	462079.26	100	9.71
20x63-33	1906357.80	462075.67	100	12.11
20x63-34	1906357.97	462085.17	100	5.03
20x63-35	1906361.12	462062.32	100	5.42
20x63-36	1906367.03	462010.70	100	6.40
20x63-37	1906368.61	462004.79	100	21.21
20x63-38	1906371.36	462006.37	100	48.50
20x63-39	1906372.86	462098.50	100	5.20
20x63-40	1906373.23	462030.48	100	5.97
20x63-41	1906378.06	462098.96	100	7.96
20x63-42	1906384.04	462029.19	100	26.72
20x63-43	1906385.15	462035.57	100	12.80
20x63-44	1906393.82	462013.86	100	75.98
20x63-45	1906393.84	462004.70	100	6.94
21x63-1	1906303.99	462167.52	100	9.08
21x63-2	1906303.99	462172.64	100	28.82
21x63-3	1906308.32	462163.97	100	9.17
21x63-4	1906308.72	462172.24	100	24.78
21x63-5	1906309.11	462168.70	100	17.42

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
21x63-6	1906309.11	462178.15	100	11.42
21x63-7	1906309.11	462182.09	100	39.33
21x63-8	1906314.23	462162.39	100	128.66
21x63-9	1906314.25	462103.58	100	5.44
21x63-10	1906318.17	462103.69	100	5.71
21x63-11	1906318.17	462183.67	100	20.63
21x63-12	1906323.27	462146.78	100	5.30
21x63-13	1906323.30	462108.81	100	5.64
21x63-14	1906323.69	462136.00	100	5.71
21x63-15	1906323.69	462164.36	100	5.42
21x63-16	1906326.84	462143.09	100	16.47
21x63-17	1906328.02	462136.78	100	10.92
21x63-18	1906328.84	462168.37	100	6.04
21x63-19	1906330.10	462120.35	100	5.09
21x63-20	1906330.39	462166.24	100	7.52
21x63-21	1906330.39	462103.29	100	8.45
21x63-22	1906330.78	462151.76	100	5.00
21x63-23	1906335.90	462164.76	100	6.53
21x63-24	1906336.69	462160.42	100	39.14
21x63-25	1906342.21	462197.85	100	7.42
21x63-26	1906343.78	462169.09	100	17.90
21x63-27	1906350.48	462199.04	100	6.44
21x63-28	1906357.32	462195.31	100	5.50
21x63-29	1906357.97	462122.21	100	373.52
21x63-30	1906361.95	462125.89	100	7.28
21x63-31	1906372.94	462143.09	100	7.34
21x63-32	1906373.02	462109.49	100	5.07
21x63-33	1906375.25	462117.87	100	5.33
21x63-34	1906385.15	462132.84	100	22.20
21x63-35	1906385.15	462176.58	100	7.89
21x63-36	1906387.70	462115.45	100	5.51
21x63-37	1906389.88	462134.81	100	8.74
21x63-38	1906391.06	462198.64	100	6.04
21x63-39	1906392.64	462116.69	100	27.52
21x63-40	1906392.72	462147.18	100	5.05
21x63-41	1906395.40	462141.12	100	6.35
21x63-42	1906396.58	462121.02	100	11.38
21x63-43	1906396.97	462127.92	100	8.07
24x63-1	1906329.99	462446.07	100	5.09
24x63-2	1906330.64	462449.23	100	5.05
24x63-3	1906333.54	462435.04	100	5.74

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
24x63-4	1906339.84	462438.59	100	10.69
24x63-5	1906342.21	462436.62	100	8.90
24x63-6	1906344.97	462431.10	100	20.16
24x63-7	1906356.00	462429.53	100	11.67
24x63-8	1906359.94	462420.86	100	6.95
24x63-9	1906366.24	462418.10	100	46.46
24x63-10	1906370.97	462413.77	100	11.81
24x63-11	1906387.52	462413.37	100	6.43
29x63-1	1906316.20	462903.11	100	6.59
29x63-2	1906350.88	462966.15	100	6.35
29x63-3	1906370.97	462905.08	100	5.95
29x63-4	1906373.33	462970.88	100	10.39
29x63-5	1906373.73	462926.36	100	5.50
29x63-6	1906374.12	462934.24	100	10.56
29x63-7	1906376.85	462958.83	100	5.64
29x63-8	1906383.97	462933.45	100	14.88
29x63-9	1906386.73	462942.91	100	6.64
30x63-1	1906312.26	463008.31	100	12.59
30x63-2	1906313.45	463002.40	100	13.02
30x63-3	1906316.60	463003.98	100	7.83
30x63-4	1906330.39	463051.65	100	18.76
30x63-5	1906344.97	463020.53	100	5.07
30x63-6	1906360.31	463049.68	100	5.23
31x63-1	1906307.54	463153.70	100	39.87
31x63-2	1906307.93	463130.45	100	6.19
31x63-3	1906307.93	463148.58	100	13.88
31x63-4	1906308.72	463194.67	100	5.17
31x63-5	1906343.78	463126.12	100	10.46
31x63-6	1906344.97	463190.34	100	19.27
31x63-7	1906347.72	463166.31	100	6.02
31x63-8	1906355.21	463184.04	100	9.62
31x63-9	1906357.57	463199.40	100	6.08
31x63-10	1906378.46	463111.54	100	6.44
31x63-11	1906387.52	463164.73	100	4.94
32x63-1	1906301.63	463265.99	100	6.92
32x63-2	1906302.43	463236.67	100	13.36
32x63-3	1906305.17	463231.71	100	69.26
32x63-4	1906305.96	463262.05	100	15.86
32x63-5	1906306.75	463246.09	100	6.47
32x63-6	1906311.08	463267.96	100	320.30
32x63-7	1906312.06	463238.96	100	86.72

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
32x63-8	1906312.24	463234.02	100	8.40
32x63-9	1906313.84	463256.53	100	11.72
32x63-10	1906324.87	463220.68	100	18.98
32x63-11	1906328.42	463274.66	100	5.75
32x63-12	1906331.96	463238.01	100	138.59
32x63-13	1906336.16	463292.57	100	12.92
32x63-14	1906340.04	463288.84	100	115.85
32x63-15	1906343.00	463206.89	100	25.07
32x63-16	1906343.78	463247.86	100	9.14
32x63-17	1906345.36	463202.55	100	115.91
32x63-18	1906346.54	463216.74	100	194.80
32x63-19	1906347.70	463200.30	100	55.83
32x63-20	1906348.32	463213.72	100	25.83
32x63-21	1906349.69	463248.65	100	6.41
32x63-22	1906352.45	463237.23	100	5.28
32x63-23	1906354.03	463230.13	100	8.60
32x63-24	1906354.57	463223.20	100	59.07
32x63-25	1906355.60	463216.34	100	26.20
32x63-26	1906355.60	463234.47	100	18.43
32x63-27	1906355.82	463239.49	100	6.02
32x63-28	1906356.39	463243.53	100	18.28
32x63-29	1906358.76	463217.53	100	12.19
32x63-30	1906362.70	463218.31	100	6.14
32x63-31	1906362.70	463227.77	100	11.45
32x63-32	1906363.88	463239.59	100	14.45
32x63-33	1906365.06	463271.11	100	21.13
32x63-34	1906365.90	463242.26	100	8.11
32x63-35	1906366.22	463250.23	100	5.29
32x63-36	1906366.24	463232.89	100	14.53
32x63-37	1906366.38	463236.02	100	5.35
32x63-38	1906366.78	463215.48	100	5.02
32x63-39	1906369.14	463272.32	100	333.68
32x63-40	1906370.97	463230.13	100	11.76
32x63-41	1906370.97	463238.41	100	9.38
32x63-42	1906373.73	463231.71	100	8.09
32x63-43	1906377.67	463242.35	100	16.95
33x63-1	1906300.93	463315.22	100	486.71
33x63-2	1906302.02	463321.94	100	626.98
33x63-3	1906306.53	463312.10	100	9.09
33x63-4	1906310.69	463303.02	100	62.77
33x63-5	1906313.84	463315.63	100	76.94

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
24x62-1	1906203.13	462474.05	100	23.96
24x62-2	1906258.29	462414.95	100	9.03
24x62-3	1906271.68	462485.87	100	18.76
24x62-4	1906293.35	462471.29	100	8.19
26x62-1	1906249.22	462651.74	100	21.17
26x62-2	1906261.83	462643.47	100	5.58
26x62-3	1906277.99	462638.35	100	5.20
27x62-1	1906288.23	462735.27	100	6.26
27x62-2	1906204.70	462776.25	100	5.44
27x62-3	1906268.92	462792.79	100	11.77
28x62-1	1906200.50	462859.53	100	9.33
28x62-2	1906205.88	462845.98	100	5.20
28x62-3	1906207.07	462855.83	100	5.40
28x62-4	1906233.46	462898.39	100	8.12
28x62-5	1906265.77	462834.95	100	31.55
28x62-6	1906268.14	462835.74	100	29.18
28x62-7	1906273.26	462833.77	100	32.24
28x62-8	1906276.41	462884.99	100	4.92
28x62-9	1906276.84	462832.99	100	7.28
28x62-10	1906283.50	462828.25	100	6.61
28x62-11	1906293.75	462825.89	100	6.44
29x62-1	1906201.94	462931.88	100	5.50
29x62-2	1906208.25	462942.91	100	5.14
29x62-3	1906210.61	462961.82	100	15.54
29x62-4	1906215.02	462926.18	100	5.96
29x62-5	1906222.04	462932.66	100	6.64
29x62-6	1906224.40	462961.82	100	101.70
29x62-7	1906225.19	462929.12	100	5.36
29x62-8	1906226.34	462940.33	100	4.83
29x62-9	1906233.46	462898.39	100	8.12
29x62-10	1906241.74	462981.13	100	5.41
29x62-11	1906278.38	462997.67	100	7.11
29x62-12	1906278.77	462983.49	100	5.93
29x62-13	1906296.11	462910.99	100	6.95
30x62-1	1906275.62	463040.23	100	5.56
30x62-2	1906283.11	463054.02	100	6.71
30x62-3	1906273.26	463078.84	100	7.15
31x62-1	1906202.34	463171.03	100	5.42
31x62-2	1906205.12	463170.68	100	5.35
31x62-3	1906225.47	463113.60	100	4.47
31x62-4	1906254.35	463120.21	100	5.62

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
31x62-5	1906262.78	463193.03	100	4.57
31x62-6	1906263.01	463190.34	100	6.51
31x62-7	1906268.26	463171.01	100	5.18
31x62-8	1906297.29	463124.94	100	6.94
32x62-1	1906200.37	463283.32	100	1770.78
32x62-2	1906202.06	463287.35	100	53.67
32x62-3	1906202.81	463290.92	100	10.95
32x62-4	1906203.93	463281.90	100	12.27
32x62-5	1906205.88	463275.84	100	47.34
32x62-6	1906207.07	463280.57	100	30.53
32x62-7	1906212.19	463231.32	100	4.90
32x62-8	1906212.19	463290.02	100	6.93
32x62-9	1906212.29	463247.91	100	5.05
32x62-10	1906212.58	463236.44	100	97.18
32x62-11	1906215.34	463236.04	100	40.75
32x62-12	1906215.34	463282.93	100	5.13
32x62-13	1906215.77	463277.58	100	6.43
32x62-14	1906216.13	463280.17	100	7.06
32x62-15	1906217.70	463259.68	100	5.76
32x62-16	1906219.05	463276.36	100	7.17
32x62-17	1906221.25	463280.17	100	43.97
32x62-18	1906221.25	463297.51	100	12.67
32x62-19	1906221.31	463235.41	100	12.51
32x62-20	1906223.22	463283.72	100	24.37
32x62-21	1906224.13	463297.31	100	5.12
32x62-22	1906224.40	463236.04	100	588.86
32x62-23	1906224.80	463299.48	100	6.01
32x62-24	1906225.58	463221.86	100	4.98
32x62-25	1906225.98	463278.60	100	21.41
32x62-26	1906226.77	463299.48	100	6.31
32x62-27	1906227.16	463214.37	100	6.65
32x62-28	1906227.55	463267.96	100	1672.50
32x62-29	1906227.60	463287.63	100	7.36
32x62-30	1906229.13	463221.07	100	7.19
32x62-31	1906229.20	463263.68	100	9.90
32x62-32	1906229.52	463271.50	100	500.09
32x62-33	1906229.52	463282.14	100	26.55
32x62-34	1906230.31	463290.02	100	88.76
32x62-35	1906231.49	463285.29	100	20.85
32x62-36	1906231.49	463297.90	100	5.59
32x62-37	1906231.89	463271.50	100	410.98

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
32x62-38	1906232.20	463237.86	100	12.04
32x62-39	1906232.30	463244.81	100	12.03
32x62-40	1906233.86	463269.93	100	251.00
32x62-41	1906234.25	463282.14	100	19.87
32x62-42	1906234.46	463285.28	100	8.36
32x62-43	1906234.65	463288.84	100	24.53
32x62-44	1906235.43	463228.16	100	391.06
32x62-45	1906235.43	463243.92	100	7.61
32x62-46	1906236.22	463254.56	100	6.37
32x62-47	1906236.62	463272.98	100	26.14
32x62-48	1906237.01	463247.08	100	6.19
32x62-49	1906237.01	463249.44	100	6.62
32x62-50	1906237.46	463225.55	100	31.78
32x62-51	1906238.19	463275.44	100	65.60
32x62-52	1906238.98	463291.20	100	31.75
32x62-53	1906239.06	463221.70	100	9.43
32x62-54	1906239.37	463252.59	100	9.86
32x62-55	1906239.37	463256.14	100	15.76
32x62-56	1906239.37	463267.17	100	10.84
32x62-57	1906239.43	463283.03	100	23.63
32x62-58	1906240.09	463226.40	100	5.61
32x62-59	1906241.34	463251.02	100	11.64
32x62-60	1906241.34	463253.38	100	14.90
32x62-61	1906241.34	463281.75	100	35.77
32x62-62	1906241.74	463229.35	100	5.18
32x62-63	1906242.92	463284.11	100	32.91
32x62-64	1906243.71	463272.29	100	1184.45
32x62-65	1906243.71	463280.57	100	39.40
32x62-66	1906244.60	463288.57	100	7.57
32x62-67	1906253.56	463220.68	100	7.80
32x62-68	1906256.32	463286.48	100	16.50
32x62-69	1906259.47	463282.14	100	34.67
32x62-70	1906259.63	463270.92	100	28.60
32x62-71	1906260.65	463213.19	100	23.44
32x62-72	1906261.13	463275.89	100	39.86
32x62-73	1906261.97	463285.38	100	13.10
32x62-74	1906262.62	463269.93	100	7.46
32x62-75	1906263.01	463272.69	100	7.93
32x62-76	1906263.41	463265.59	100	34.07
32x62-77	1906266.56	463202.55	100	25.44
32x62-78	1906266.95	463299.87	100	14.37

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
32x62-79	1906268.53	463236.44	100	7.54
32x62-80	1906268.53	463278.60	100	47.75
32x62-81	1906270.71	463273.83	100	11.08
32x62-82	1906270.80	463234.76	100	5.39
32x62-83	1906274.83	463200.58	100	12.24
32x62-84	1906277.99	463207.28	100	8.70
32x62-85	1906278.38	463292.78	100	12.20
32x62-86	1906286.02	463298.90	100	8.08
32x62-87	1906288.23	463295.54	100	12.65
32x62-88	1906292.96	463250.23	100	10.14
32x62-89	1906295.32	463291.20	100	7.67
32x62-90	1906300.20	463204.14	100	5.04
33x62-1	1906205.49	463345.18	100	6.90
33x62-2	1906208.64	463320.36	100	11.13
33x62-3	1906210.22	463350.70	100	106.02
33x62-4	1906210.79	463342.47	100	5.44
33x62-5	1906211.69	463361.95	100	15.92
33x62-6	1906213.41	463330.58	100	187.31
33x62-7	1906213.68	463333.19	100	328.18
33x62-8	1906214.55	463336.51	100	263.83
33x62-9	1906214.95	463366.06	100	11.74
33x62-10	1906215.73	463358.58	100	112.09
33x62-11	1906218.00	463329.49	100	325.83
33x62-12	1906218.10	463307.75	100	19.41
33x62-13	1906218.27	463319.22	100	17.21
33x62-14	1906218.89	463322.72	100	199.48
33x62-15	1906219.67	463332.97	100	2500.87
33x62-16	1906220.86	463300.66	100	44.66
33x62-17	1906221.25	463348.33	100	132.96
33x62-18	1906222.04	463315.24	100	48.61
33x62-19	1906223.41	463327.24	100	330.87
33x62-20	1906223.41	463327.24	100	330.87
33x62-21	1906223.61	463315.63	100	59.35
33x62-22	1906224.80	463336.91	100	280.13
33x62-23	1906224.85	463363.93	100	5.02
33x62-24	1906225.58	463352.27	100	141.90
33x62-25	1906225.98	463366.46	100	10.94
33x62-26	1906226.37	463311.69	100	8.68
33x62-27	1906226.77	463331.39	100	688.84
33x62-28	1906228.01	463355.55	100	23.97
33x62-29	1906229.52	463320.36	100	23.11

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
33x62-30	1906231.10	463357.79	100	127.89
33x62-31	1906231.49	463342.42	100	64.57
33x62-32	1906231.49	463360.94	100	168.05
33x62-33	1906233.86	463375.52	100	18.57
33x62-34	1906234.25	463329.03	100	592.32
33x62-35	1906234.32	463357.89	100	132.19
33x62-36	1906234.65	463367.25	100	77.14
33x62-37	1906235.83	463331.00	100	549.10
33x62-38	1906235.83	463350.70	100	185.26
33x62-39	1906236.22	463364.09	100	25.33
33x62-40	1906236.30	463347.79	100	162.21
33x62-41	1906237.01	463337.30	100	40.27
33x62-42	1906237.38	463354.91	100	148.96
33x62-43	1906238.98	463358.97	100	2114.10
33x62-44	1906240.36	463324.08	100	45.90
33x62-45	1906240.36	463362.31	100	202.03
33x62-46	1906240.56	463315.63	100	5.30
33x62-47	1906240.56	463346.76	100	186.67
33x62-48	1906240.56	463370.40	100	109.60
33x62-49	1906240.72	463342.65	100	33.45
33x62-50	1906240.95	463358.18	100	2045.67
33x62-51	1906242.88	463342.02	100	20.73
33x62-52	1906243.31	463365.28	100	500.72
33x62-53	1906244.10	463334.94	100	174.74
33x62-54	1906245.68	463355.09	100	158.15
33x62-55	1906245.86	463329.13	100	35.91
33x62-56	1906247.25	463342.82	100	19.15
33x62-57	1906247.65	463319.57	100	7.69
33x62-58	1906248.20	463324.99	100	5.06
33x62-59	1906248.29	463358.61	100	167.84
33x62-60	1906248.44	463347.15	100	9.28
33x62-61	1906248.83	463355.03	100	383.44
33x62-62	1906250.00	463315.88	100	10.86
33x62-63	1906251.72	463329.85	100	14.22
33x62-64	1906252.26	463353.83	100	98.42
33x62-65	1906253.16	463319.22	100	20.73
33x62-66	1906253.16	463316.42	100	50.11
33x62-67	1906253.16	463347.94	100	59.28
33x62-68	1906255.14	463356.09	100	7.28
33x62-69	1906255.53	463315.24	100	46.37
33x62-70	1906255.53	463341.64	100	30.08

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
33x62-71	1906256.32	463327.45	100	22.76
33x62-72	1906256.32	463346.36	100	16.08
33x62-73	1906257.89	463334.15	100	50.78
33x62-74	1906258.29	463337.70	100	42.35
33x62-75	1906259.47	463347.55	100	20.38
33x62-76	1906260.82	463352.75	100	38.58
33x62-77	1906261.44	463321.15	100	132.47
33x62-78	1906261.83	463340.85	100	13.67
33x62-79	1906262.23	463324.69	100	62.66
33x62-80	1906262.62	463344.79	100	29.21
33x62-81	1906265.96	463349.14	100	96.03
33x62-82	1906266.05	463321.11	100	279.77
33x62-83	1906267.58	463313.90	100	28.31
33x62-84	1906268.53	463341.24	100	286.69
33x62-85	1906269.32	463312.09	100	31.89
33x62-86	1906269.66	463327.06	100	204.11
33x62-87	1906270.50	463321.54	100	8745.40
33x62-88	1906272.09	463316.42	100	209.55
33x62-89	1906274.25	463321.29	100	963.13
33x62-90	1906277.99	463313.66	100	6.59
33x62-91	1906278.85	463309.57	100	5.44
33x62-92	1906280.74	463312.48	100	13.36
33x62-93	1906282.32	463306.57	100	37.05
33x62-94	1906283.50	463303.81	100	34.31
33x62-95	1906285.47	463300.66	100	17.28
33x62-96	1906286.96	463304.70	100	7.56
33x62-97	1906287.84	463301.05	100	5.30
33x62-98	1906290.39	463322.19	100	3068.25
33x62-99	1906291.02	463312.55	100	151.55
33x62-100	1906291.38	463320.75	100	3404.23
33x62-101	1906293.72	463327.24	100	237.11
33x62-102	1906295.72	463322.33	100	2376.06
33x62-103	1906298.68	463322.55	100	1509.94
33x62-104	1906299.40	463304.88	100	14.62
34x62-1	1906200.37	463403.49	100	61.24
34x62-2	1906205.00	463400.34	100	45.61
20x66-1	1906601.62	462068.89	100	64.88
20x66-2	1906602.25	462087.14	100	374.11
20x66-3	1906604.22	462046.95	100	50.44
20x66-4	1906604.22	462065.08	100	155.24
20x66-5	1906606.98	462062.71	100	148.00

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
20x66-6	1906610.52	462068.23	100	35.38
20x66-7	1906612.49	462066.65	100	37.41
20x66-8	1906615.25	462060.74	100	5.92
20x66-9	1906623.92	462057.50	100	31.46
20x66-10	1906624.51	462092.33	100	7.09
20x66-11	1906627.07	462074.53	100	24.14
20x66-12	1906627.07	462095.41	100	39.43
20x66-13	1906638.10	462078.08	100	202.60
20x66-14	1906641.45	462079.53	100	95.16
21x66-1	1906600.67	462103.29	100	9.20
21x66-2	1906601.07	462199.82	100	16.40
21x66-3	1906603.04	462173.82	100	1741.84
21x66-4	1906603.43	462161.61	100	6.64
21x66-5	1906606.98	462171.46	100	140.18
21x66-6	1906608.95	462168.30	100	29.87
21x66-7	1906611.70	462172.24	100	12.02
21x66-8	1906613.67	462166.73	100	6.42
21x66-9	1906614.46	462179.34	100	5.37
21x66-10	1906619.30	462185.75	100	25.50
21x66-11	1906619.98	462178.15	100	8.81
21x66-12	1906622.34	462176.18	100	11.51
21x66-13	1906625.60	462193.76	100	17.62
21x66-14	1906625.89	462189.58	100	57.52
21x66-15	1906626.28	462184.85	100	94.86
21x66-16	1906626.68	462197.85	100	42.37
21x66-17	1906627.46	462109.99	100	392.19
21x66-18	1906628.65	462158.85	100	10.37
21x66-19	1906628.84	462179.28	100	31.00
21x66-20	1906629.43	462154.51	100	6.31
21x66-21	1906630.03	462182.86	100	62.33
21x66-22	1906631.80	462186.43	100	49.53
21x66-23	1906633.37	462198.25	100	9.47
21x66-24	1906634.16	462159.24	100	9155.91
21x66-25	1906634.56	462190.37	100	25.85
21x66-26	1906636.13	462145.85	100	48.71
21x66-27	1906636.33	462183.54	100	13.28
21x66-28	1906636.92	462157.27	100	2457.51
21x66-29	1906638.04	462189.67	100	7.71
21x66-30	1906638.10	462195.49	100	19.98
21x66-31	1906638.50	462150.18	100	27.77
21x66-32	1906638.50	462162.79	100	62.77

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
21x66-33	1906640.86	462156.48	100	57.98
21x66-34	1906640.86	462174.61	100	8.60
21x66-35	1906641.65	462182.49	100	5.03
21x66-36	1906642.04	462196.28	100	93.64
21x66-37	1906643.62	462165.15	100	6.41
21x66-38	1906644.01	462113.93	100	10.26
21x66-39	1906644.01	462197.07	100	91.97
21x66-40	1906644.41	462189.19	100	30.67
21x66-41	1906645.19	462155.30	100	13.31
21x66-42	1906645.98	462171.06	100	5.94
21x66-43	1906648.74	462195.10	100	46.74
21x66-44	1906650.99	462163.95	100	4.64
21x66-45	1906651.10	462140.72	100	6.38
21x66-46	1906651.67	462192.74	100	25.37
21x66-47	1906651.89	462184.85	100	34.21
21x66-48	1906653.86	462152.94	100	78.87
21x66-49	1906653.86	462195.88	100	22.06
21x66-50	1906654.65	462190.37	100	34.45
21x66-51	1906655.76	462176.89	100	6.01
21x66-52	1906656.62	462182.88	100	61.78
21x66-53	1906658.20	462181.31	100	50.40
21x66-54	1906659.38	462146.63	100	8.73
21x66-55	1906659.38	462187.61	100	20.40
21x66-56	1906659.38	462190.76	100	22.03
21x66-57	1906659.38	462193.52	100	31.99
21x66-58	1906660.17	462162.00	100	65.26
21x66-59	1906662.92	462198.64	100	18.49
21x66-60	1906664.50	462180.52	100	161.50
21x66-61	1906665.68	462196.67	100	27.66
21x66-62	1906666.83	462187.63	100	6.37
21x66-63	1906668.87	462177.06	100	40.91
21x66-64	1906673.13	462168.38	100	33.28
21x66-65	1906673.56	462174.61	100	149.99
21x66-66	1906675.53	462188.79	100	36.81
21x66-67	1906675.93	462146.24	100	8.11
21x66-68	1906676.32	462165.15	100	17.65
21x66-69	1906676.32	462172.24	100	117.65
21x66-70	1906676.32	462181.31	100	15.25
21x66-71	1906676.71	462162.79	100	11.08
21x66-72	1906679.87	462153.33	100	151.96
21x66-73	1906682.84	462198.19	100	43.27

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
21x66-74	1906685.78	462158.45	100	81.36
21x66-75	1906686.17	462191.55	100	37.60
21x66-76	1906687.35	462196.28	100	43.03
21x66-77	1906687.75	462165.94	100	93.43
21x66-78	1906688.14	462160.82	100	119.27
21x66-79	1906689.72	462146.63	100	5.09
21x66-80	1906690.11	462188.40	100	29.35
21x66-81	1906691.69	462165.55	100	114.42
21x66-82	1906692.08	462185.64	100	18.27
21x66-83	1906692.47	462155.30	100	18.22
21x66-84	1906692.47	462191.55	100	40.65
21x66-85	1906694.44	462184.06	100	25.72
21x66-86	1906695.23	462178.55	100	13.40
21x66-87	1906696.02	462196.28	100	29.29
21x66-88	1906696.41	462187.22	100	11.40
21x66-89	1906697.32	462160.54	100	11.78
21x66-90	1906697.60	462178.15	100	13.97
21x66-91	1906699.17	462174.61	100	5.16
21x66-92	1906699.96	462199.43	100	22.47
22x66-1	1906599.88	462245.13	100	13.22
22x66-2	1906599.88	462291.23	100	5.52
22x66-3	1906600.28	462255.77	100	334.11
22x66-4	1906600.67	462206.13	100	7.61
22x66-5	1906600.67	462214.80	100	8.18
22x66-6	1906601.07	462247.50	100	8.17
22x66-7	1906602.64	462216.77	100	9.17
22x66-8	1906603.43	462208.10	100	8.21
22x66-9	1906604.61	462297.93	100	14.87
22x66-10	1906605.40	462206.13	100	11.75
22x66-11	1906605.40	462286.11	100	4.96
22x66-12	1906605.79	462207.31	100	13.28
22x66-13	1906606.19	462234.10	100	15.62
22x66-14	1906607.76	462279.02	100	11.98
22x66-15	1906608.55	462266.80	100	1385.98
22x66-16	1906608.55	462294.78	100	31.01
22x66-17	1906608.89	462231.65	100	5.77
22x66-18	1906610.92	462286.11	100	40.49
22x66-19	1906611.31	462283.35	100	60.83
22x66-20	1906612.49	462242.77	100	15.88
22x66-21	1906612.49	462253.80	100	6.17
22x66-22	1906612.53	462296.76	100	7.06

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
22x66-23	1906613.67	462288.87	100	46.20
22x66-24	1906615.64	462258.53	100	30.77
22x66-25	1906615.64	462282.56	100	3023.91
22x66-26	1906616.83	462203.37	100	156.85
22x66-27	1906618.40	462256.56	100	25.01
22x66-28	1906619.58	462282.96	100	3106.10
22x66-29	1906620.37	462296.75	100	17.53
22x66-30	1906620.77	462263.65	100	11.20
22x66-31	1906620.77	462292.81	100	26.94
22x66-32	1906621.16	462254.59	100	29.33
22x66-33	1906621.55	462204.16	100	9.30
22x66-34	1906621.99	462216.37	100	16.16
22x66-35	1906621.99	462234.44	100	234.50
22x66-36	1906624.71	462282.96	100	78.58
22x66-37	1906625.10	462272.71	100	5.73
22x66-38	1906625.49	462298.72	100	15.23
22x66-39	1906625.89	462236.07	100	736.01
22x66-40	1906625.89	462258.92	100	5.60
22x66-41	1906626.28	462250.65	100	39.58
22x66-42	1906626.28	462267.20	100	19.69
22x66-43	1906627.07	462233.31	100	902.76
22x66-44	1906628.25	462212.43	100	98.54
22x66-45	1906628.65	462276.26	100	5.03
22x66-46	1906628.65	462282.17	100	6.13
22x66-47	1906629.83	462206.92	100	28.06
22x66-48	1906631.01	462227.01	100	17.74
22x66-49	1906631.40	462235.68	100	6.12
22x66-50	1906632.59	462245.13	100	62.93
22x66-51	1906632.59	462281.78	100	5.63
22x66-52	1906632.98	462296.35	100	12.51
22x66-53	1906633.75	462265.48	100	4.75
22x66-54	1906633.77	462244.35	100	63.33
22x66-55	1906634.16	462275.08	100	7.91
22x66-56	1906634.56	462281.38	100	5.99
22x66-57	1906634.56	462283.75	100	6.32
22x66-58	1906635.69	462293.97	100	7.29
22x66-59	1906636.05	462230.56	100	59.61
22x66-60	1906636.53	462204.16	100	52.19
22x66-61	1906636.53	462242.77	100	62.00
22x66-62	1906636.92	462275.87	100	6.07
22x66-63	1906638.50	462212.43	100	32.69

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
22x66-64	1906638.50	462232.13	100	113.08
22x66-65	1906638.50	462299.90	100	4.90
22x66-66	1906638.89	462250.26	100	13.15
22x66-67	1906638.89	462275.08	100	6.50
22x66-68	1906639.28	462202.19	100	71.12
22x66-69	1906641.25	462201.40	100	83.81
22x66-70	1906641.99	462275.30	100	4.90
22x66-71	1906642.04	462221.49	100	425.32
22x66-72	1906642.04	462236.47	100	122.78
22x66-73	1906644.01	462215.98	100	539.57
22x66-74	1906644.01	462236.86	100	147.09
22x66-75	1906644.01	462242.38	100	42.64
22x66-76	1906645.98	462224.65	100	286.66
22x66-77	1906646.77	462204.55	100	75.06
22x66-78	1906647.16	462240.41	100	43.33
22x66-79	1906649.13	462219.13	100	692.26
22x66-80	1906649.53	462291.23	100	10.64
22x66-81	1906649.92	462234.50	100	54.20
22x66-82	1906649.92	462265.62	100	20.81
22x66-83	1906650.32	462248.29	100	249.47
22x66-84	1906650.71	462299.90	100	5.14
22x66-85	1906651.33	462224.98	100	210.99
22x66-86	1906651.50	462201.40	100	11.93
22x66-87	1906652.29	462228.98	100	72.45
22x66-88	1906652.68	462249.07	100	275.64
22x66-89	1906652.78	462217.34	100	258.02
22x66-90	1906653.07	462266.02	100	45.83
22x66-91	1906653.86	462200.22	100	22.20
22x66-92	1906653.86	462207.31	100	30.15
22x66-93	1906653.86	462279.81	100	30.84
22x66-94	1906654.26	462214.01	100	130.84
22x66-95	1906654.72	462236.14	100	28.57
22x66-96	1906655.44	462202.58	100	17.79
22x66-97	1906656.62	462215.19	100	117.96
22x66-98	1906657.01	462211.64	100	68.03
22x66-99	1906657.01	462218.34	100	121.30
22x66-100	1906658.20	462227.40	100	120.18
22x66-101	1906658.84	462232.98	100	18.60
22x66-102	1906659.77	462208.49	100	28.48
22x66-103	1906660.17	462201.79	100	22.40
22x66-104	1906660.17	462220.71	100	129.74

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
22x66-105	1906660.56	462295.57	100	6.45
22x66-106	1906660.95	462248.68	100	431.32
22x66-107	1906661.35	462266.80	100	6.98
22x66-108	1906661.74	462285.72	100	26.19
22x66-109	1906661.74	462292.02	100	6.06
22x66-110	1906662.53	462215.98	100	70.66
22x66-111	1906663.71	462240.41	100	58.69
22x66-112	1906663.71	462292.81	100	6.23
22x66-113	1906663.71	462298.72	100	4.97
22x66-114	1906664.11	462296.35	100	5.31
22x66-115	1906664.89	462201.40	100	22.74
22x66-116	1906664.89	462202.98	100	23.68
22x66-117	1906664.89	462207.70	100	71.56
22x66-118	1906665.29	462237.25	100	60.02
22x66-119	1906665.68	462210.07	100	53.79
22x66-120	1906665.68	462275.47	100	5.35
22x66-121	1906666.08	462248.68	100	540.02
22x66-122	1906666.85	462213.22	100	26.49
22x66-123	1906668.44	462249.07	100	592.77
22x66-124	1906668.83	462288.08	100	28.42
22x66-125	1906668.83	462299.11	100	9.58
22x66-126	1906669.23	462200.22	100	26.57
22x66-127	1906670.02	462208.10	100	45.17
22x66-128	1906670.80	462203.37	100	93.28
22x66-129	1906670.80	462224.65	100	29.71
22x66-130	1906670.80	462248.68	100	597.19
22x66-131	1906671.20	462218.34	100	19.65
22x66-132	1906671.59	462232.13	100	52.48
22x66-133	1906672.77	462213.22	100	52.09
22x66-134	1906673.56	462209.67	100	46.50
22x66-135	1906674.74	462249.07	100	603.31
22x66-136	1906675.93	462211.25	100	60.26
22x66-137	1906676.32	462200.22	100	14.76
22x66-138	1906679.47	462210.07	100	84.81
22x66-139	1906679.47	462217.16	100	81.34
22x66-140	1906679.70	462287.67	100	4.94
22x66-141	1906681.44	462210.07	100	80.65
22x66-142	1906681.84	462225.83	100	62.98
22x66-143	1906681.84	462249.07	100	545.72
22x66-144	1906682.00	462284.39	100	4.60
22x66-145	1906684.59	462202.19	100	71.46

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
22x66-146	1906684.99	462224.65	100	53.45
22x66-147	1906685.40	462231.53	100	8.97
22x66-148	1906687.75	462202.19	100	60.19
22x66-149	1906687.75	462249.07	100	548.37
22x66-150	1906690.11	462206.92	100	24.89
22x66-151	1906690.11	462217.16	100	22.11
22x66-152	1906690.37	462294.46	100	5.00
22x66-153	1906690.50	462249.86	100	536.40
22x66-154	1906692.87	462210.46	100	56.02
22x66-155	1906693.26	462249.86	100	563.89
22x66-156	1906693.26	462292.02	100	9.93
22x66-157	1906693.66	462225.83	100	9.13
22x66-158	1906694.05	462269.96	100	14.41
22x66-159	1906695.23	462204.16	100	8.87
22x66-160	1906695.23	462249.86	100	583.53
22x66-161	1906695.23	462285.72	100	20.86
22x66-162	1906695.23	462290.84	100	11.67
22x66-163	1906696.81	462267.99	100	11.44
22x66-164	1906696.81	462271.14	100	26.39
22x66-165	1906697.60	462250.26	100	590.37
22x66-166	1906700.35	462284.53	100	8.54
23x66-1	1906604.22	462368.46	100	16.37
23x66-2	1906605.4	462329.84	100	9.05
23x66-3	1906605.4	462334.18	100	5.12
23x66-4	1906607.76	462314.48	100	8.94
23x66-5	1906612.1	462362.94	100	10.82
23x66-6	1906614.46	462347.18	100	7.85
23x66-7	1906614.86	462355.45	100	28.88
23x66-8	1906616.83	462310.93	100	11.38
23x66-9	1906618.8	462311.72	100	14.97
23x66-10	1906625.1	462319.21	100	5.62
23x66-11	1906628.65	462300.69	100	8.59
23x66-12	1906628.65	462302.66	100	11.48
23x66-13	1906628.65	462305.42	100	6.42
23x66-14	1906630.62	462320.78	100	31.32
23x66-15	1906631.01	462353.48	100	5.91
23x66-16	1906631.8	462331.81	100	5.64
23x66-17	1906633.77	462368.06	100	18.23
23x66-18	1906634.56	462331.03	100	5.77
23x66-19	1906635.74	462381.06	100	9.56
23x66-20	1906639.28	462307.39	100	8.48

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
23x66-21	1906639.28	462318.02	100	6.29
23x66-22	1906651.1	462308.57	100	7.37
23x66-23	1906653.86	462318.02	100	8.77
23x66-24	1906656.62	462352.7	100	12.17
23x66-25	1906659.38	462355.06	100	11.94
23x66-26	1906659.77	462321.18	100	5.47
23x66-27	1906670.41	462366.09	100	5.14
23x66-28	1906670.8	462343.24	100	31.00
23x66-29	1906671.59	462318.02	100	31.09
23x66-30	1906671.99	462312.9	100	11.02
23x66-31	1906673.96	462346	100	386.07
23x66-32	1906674.35	462303.84	100	5.27
23x66-33	1906677.5	462304.63	100	5.06
23x66-34	1906677.5	462317.63	100	6.75
23x66-35	1906679.87	462348.76	100	917.51
23x66-36	1906680.26	462313.3	100	5.72
23x66-37	1906681.84	462359	100	12.28
23x66-38	1906684.59	462355.85	100	15.38
23x66-39	1906684.99	462343.24	100	6.12
23x66-40	1906687.35	462356.24	100	14.31
23x66-41	1906689.72	462371.61	100	5.00
23x66-42	1906692.95	462340.2	100	5.26
23x66-43	1906694.28	462336.48	100	4.45
23x66-44	1906694.44	462329.06	100	7.71
23x66-45	1906695.23	462371.21	100	8.23
23x66-46	1906697.2	462325.12	100	12.11
23x66-47	1906697.2	462341.27	100	30.87
24x66-1	1906600.28	462447.65	100	5.03
24x66-2	1906602.25	462444.50	100	11.49
24x66-3	1906610.92	462459.86	100	7.30
24x66-4	1906613.28	462461.83	100	5.10
24x66-5	1906614.46	462450.80	100	7.84
24x66-6	1906618.80	462441.74	100	6.99
24x66-7	1906619.58	462401.95	100	157.09
24x66-8	1906620.77	462441.35	100	6.00
24x66-9	1906623.92	462442.53	100	5.59
24x66-10	1906623.92	462452.77	100	8.93
24x66-11	1906627.86	462450.41	100	21.00
24x66-12	1906639.28	462450.41	100	41.36
24x66-13	1906640.47	462442.13	100	15.08
24x66-14	1906640.47	462444.10	100	13.87

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
24x66-15	1906641.25	462448.83	100	44.36
24x66-16	1906645.59	462409.43	100	54.70
24x66-17	1906645.98	462407.46	100	60.38
24x66-18	1906656.62	462495.32	100	36.79
24x66-19	1906657.01	462409.83	100	28.24
24x66-20	1906657.41	462407.46	100	38.27
24x66-21	1906692.87	462458.68	100	14.72
25x66-1	1906608.16	462595.79	100	56.76
25x66-2	1906616.43	462547.73	100	9.37
25x66-3	1906623.52	462533.94	100	9.02
25x66-4	1906625.10	462533.94	100	6.83
25x66-5	1906626.28	462504.78	100	6.23
25x66-6	1906629.83	462533.54	100	39.82
25x66-7	1906630.62	462531.97	100	36.75
25x66-8	1906631.80	462510.69	100	5.32
25x66-9	1906633.37	462568.21	100	7.75
25x66-10	1906649.92	462556.79	100	112.28
25x66-11	1906651.50	462510.30	100	30.04
25x66-12	1906655.04	462531.97	100	8.11
26x66-1	1906658.98	462662.38	100	6.58
26x66-2	1906661.74	462679.72	100	6.24
26x66-3	1906689.32	462608.80	100	76.23
26x66-4	1906691.29	462650.95	100	36.26
26x66-5	1906693.66	462652.14	100	65.74
26x66-6	1906700.00	462660.02	100	174.43
27x66-1	1906612.10	462730.54	100	6.64
27x66-2	1906675.14	462743.15	100	5.71
27x66-3	1906695.23	462766.00	100	5.48
27x66-4	1906695.63	462771.12	100	6.88
27x66-5	1906696.41	462721.09	100	7.72
29x66-1	1906648.70	462970.10	100	5.10
29x66-2	1906655.00	462986.60	100	4.90
30x66-1	1906601.07	463025.65	100	5.37
30x66-2	1906629.83	463061.50	100	9.13
30x66-3	1906697.20	463007.13	100	8.66
22x61-1	1906108.96	462269.17	100	6.09
22x61-2	1906116.84	462200.22	100	6.23
22x61-3	1906138.12	462215.19	100	7.97
22x61-4	1906140.48	462215.98	100	9.47
22x61-5	1906143.63	462219.13	100	11.76
22x61-6	1906146.78	462251.83	100	79.78

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
22x61-7	1906146.78	462258.92	100	11.29
22x61-8	1906147.97	462219.52	100	17.34
22x61-9	1906153.09	462255.77	100	40.81
22x61-10	1906154.27	462248.29	100	18.12
22x61-11	1906158.60	462215.19	100	84.35
22x61-12	1906158.60	462244.74	100	38.01
22x61-13	1906160.18	462245.53	100	33.07
22x61-14	1906162.94	462215.19	100	128.87
22x61-15	1906173.18	462201.79	100	20.03
22x61-16	1906175.55	462201.40	100	18.26
22x61-17	1906178.30	462235.28	100	289.90
22x61-18	1906180.27	462298.72	100	46.57
22x61-19	1906181.06	462235.68	100	376.79
22x61-20	1906182.64	462293.60	100	12.13
22x61-21	1906195.25	462201.01	100	7.04
23x61-1	1906106.60	462302.26	100	12.07
23x61-2	1906116.84	462302.26	100	5.93
23x61-3	1906120.78	462301.87	100	6.85
23x61-4	1906189.48	462395.02	100	23.31
23x61-5	1906192.83	462398.37	100	10.51
23x61-6	1906193.13	462382.30	100	138.13
23x61-7	1906195.25	462387.37	100	4094.17
23x61-8	1906195.36	462391.90	100	121.18
23x61-9	1906196.33	462398.22	100	25.47
23x61-10	1906198.50	462384.22	100	363.72
23x61-11	1906199.00	462397.22	100	522.74
24x61-1	1906104.23	462470.11	100	7.67
24x61-2	1906105.11	462472.75	100	4.99
24x61-3	1906108.17	462472.87	100	6.18
24x61-4	1906114.48	462473.65	100	6.21
24x61-5	1906116.45	462444.89	100	5.27
24x61-6	1906118.81	462440.56	100	10.71
24x61-7	1906121.60	462449.36	100	4.89
24x61-8	1906125.90	462437.41	100	15.71
24x61-9	1906128.49	462436.32	100	6.81
24x61-10	1906128.66	462419.68	100	8.08
24x61-11	1906131.02	462453.95	100	9.22
24x61-12	1906132.99	462450.41	100	6.97
24x61-13	1906134.18	462435.83	100	12.97
24x61-14	1906136.15	462432.28	100	7.90
24x61-15	1906143.24	462438.98	100	9.30

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
24x61-16	1906151.12	462428.34	100	6.35
24x61-17	1906153.48	462412.98	100	10.68
24x61-18	1906156.24	462417.31	100	42.05
24x61-19	1906158.60	462405.10	100	15.00
24x61-20	1906160.57	462405.10	100	20.77
24x61-21	1906160.57	462414.55	100	13.64
24x61-22	1906163.33	462429.13	100	11.27
24x61-23	1906163.73	462419.28	100	5.30
24x61-24	1906166.09	462419.68	100	7.69
24x61-25	1906166.15	462413.06	100	71.20
24x61-26	1906166.48	462424.40	100	7.99
24x61-27	1906168.45	462412.19	100	124.23
24x61-28	1906175.38	462408.01	100	4.55
24x61-29	1906181.06	462414.95	100	6.09
24x61-30	1906183.99	462405.31	100	24.80
24x61-31	1906187.76	462403.92	100	55.57
24x61-32	1906188.15	462425.59	100	6.67
24x61-33	1906192.88	462402.73	100	12.34
24x61-34	1906193.28	462416.13	100	6.04
25x61-1	1906188.90	462501.20	100	10.70
25x61-2	1906196.40	462502.00	100	4.90
25x61-3	1906114.90	462504.40	100	5.10
25x61-4	1906115.30	462505.20	100	5.30
25x61-5	1906198.00	462505.20	100	5.10
25x61-6	1906108.60	462529.60	100	6.00
25x61-7	1906166.10	462546.90	100	5.50
25x61-8	1906168.50	462547.30	100	6.10
25x61-9	1906173.20	462569.80	100	8.60
25x61-10	1906170.80	462570.60	100	10.00
28x61-1	1906163.73	462845.2	100	5.27
28x61-2	1906165.7	462846.38	100	6.07
28x61-3	1906185.4	462881.05	100	5.66
28x61-4	1906188.94	462856.62	100	19.26
28x61-5	1906189.73	462859.38	100	15.01
28x61-6	1906190.52	462864.11	100	18.38
28x61-7	1906192.09	462871.59	100	6.45
28x61-8	1906195.25	462865.68	100	225.94
28x61-9	1906197.22	462859.78	100	21.69
28x61-10	1906197.61	462872.38	100	5.8
30x61-1	1906183.43	463070.17	100	220.28
31x61-1	1906128.66	463103.66	100	71.63

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
31x61-2	1906131.02	463102.87	100	158.98
31x61-3	1906168.45	463130.45	100	5.75
32x61-1	1906107.78	463298.69	100	6.24
32x61-2	1906118.42	463215.95	100	6.08
32x61-3	1906172.39	463214.77	100	13.62
32x61-4	1906175.94	463218.71	100	276.51
32x61-5	1906177.91	463278.2	100	5.15
32x61-6	1906178.3	463293.57	100	13.34
32x61-7	1906180.67	463274.66	100	98.06
32x61-8	1906183.43	463237.23	100	14.84
32x61-9	1906183.82	463275.97	100	27.46
32x61-10	1906185.4	463235.65	100	25.68
32x61-11	1906185.4	463238.01	100	18.11
32x61-12	1906190.74	463288.9	100	41.76
32x61-13	1906191.34	463280.78	100	32.88
32x61-14	1906194.06	463291.99	100	21.21
32x61-15	1906197.22	463233.68	100	5.31
32x61-16	1906199.5	463283.72	100	1716.02
33x61-1	1906100.69	463398.77	100	7.13
33x61-2	1906141.27	463332.97	100	5.65
33x61-3	1906142.84	463333.76	100	5.10
33x61-4	1906168.06	463399.55	100	9.38
33x61-5	1906190.91	463334.54	100	6.59
33x61-6	1906192.88	463332.97	100	11.81
34x61-1	1906103.84	463451.96	100	16.05
34x61-2	1906115.26	463457.47	100	6.27
34x61-3	1906124.72	463420.44	100	103.91
34x61-4	1906197.22	463405.07	100	73.16
19x65-1	1906503.75	461945.30	100	12.47
19x65-2	1906513.60	461938.60	100	168.42
19x65-3	1906541.97	461988.25	100	105.98
19x65-4	1906554.57	461988.64	100	64.75
20x65-1	1906500.20	462000.85	100	6.74
20x65-2	1906511.23	462091.08	100	6.64
20x65-3	1906513.20	462063.89	100	5.81
20x65-4	1906517.00	462019.50	100	14.06
20x65-5	1906520.69	462019.37	100	15.60
20x65-6	1906524.63	462090.69	100	7.88
20x65-7	1906524.63	462092.66	100	9.07
20x65-8	1906537.63	462026.07	100	10.73
20x65-9	1906548.27	462067.05	100	10.96

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
20x65-10	1906556.54	462074.93	100	20.61
20x65-11	1906558.12	462098.96	100	69.89
20x65-12	1906564.42	462074.14	100	28.27
20x65-13	1906565.61	462093.44	100	12.94
20x65-14	1906566.79	462074.14	100	23.51
20x65-15	1906579.79	462005.01	100	37.73
20x65-16	1906581.37	462036.71	100	69.11
20x65-17	1906584.91	462061.53	100	6.21
20x65-18	1906587.67	462067.83	100	1606.27
20x65-19	1906588.06	462096.20	100	182.76
20x65-20	1906594.37	462097.38	100	12.63
20x65-21	1906596.34	462070.99	100	332.35
20x65-22	1906596.34	462086.75	100	184.62
20x65-23	1906598.31	462069.41	100	464.55
20x65-24	1906598.70	462087.14	100	131.08
21x65-1	1906500.20	462130.87	100	21.91
21x65-2	1906500.60	462156.48	100	6.33
21x65-3	1906502.96	462130.48	100	16.40
21x65-4	1906502.96	462160.82	100	10.65
21x65-5	1906503.35	462133.63	100	24.99
21x65-6	1906505.32	462131.66	100	11.84
21x65-7	1906506.11	462101.72	100	8.66
21x65-8	1906508.48	462144.66	100	6.48
21x65-9	1906510.05	462146.63	100	5.12
21x65-10	1906510.45	462124.18	100	11.70
21x65-11	1906510.84	462103.69	100	8.55
21x65-12	1906512.42	462123.39	100	15.32
21x65-13	1906512.81	462131.27	100	5.82
21x65-14	1906513.20	462106.05	100	5.13
21x65-15	1906519.51	462102.90	100	7.95
21x65-16	1906520.30	462105.26	100	6.66
21x65-17	1906520.69	462112.36	100	5.33
21x65-18	1906524.63	462165.94	100	30.84
21x65-19	1906525.02	462128.12	100	11.13
21x65-20	1906527.78	462120.57	100	51.08
21x65-21	1906529.40	462129.03	100	40.14
21x65-22	1906532.51	462125.36	100	6620.27
21x65-23	1906535.66	462119.45	100	5.85
21x65-24	1906535.69	462127.52	100	369.04
21x65-25	1906541.18	462126.54	100	5.65
21x65-26	1906541.18	462129.30	100	4.97

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
21x65-27	1906541.97	462134.81	100	8.08
21x65-28	1906542.36	462133.24	100	7.03
21x65-29	1906543.54	462177.76	100	4.98
21x65-30	1906544.33	462197.46	100	7.75
21x65-31	1906546.30	462199.04	100	8.54
21x65-32	1906549.45	462193.91	100	5.60
21x65-33	1906550.63	462136.39	100	9.76
21x65-34	1906552.21	462193.91	100	10.18
21x65-35	1906554.33	462199.29	100	8.22
21x65-36	1906556.54	462193.52	100	8.82
21x65-37	1906556.94	462196.67	100	13.38
21x65-38	1906558.51	462197.46	100	16.23
21x65-39	1906558.91	462120.24	100	158.60
21x65-40	1906560.88	462198.64	100	17.64
21x65-41	1906561.67	462194.31	100	7.99
21x65-42	1906562.85	462199.43	100	18.43
21x65-43	1906566.39	462195.88	100	11.10
21x65-44	1906568.43	462193.24	100	7.20
21x65-45	1906571.12	462103.29	100	5.85
21x65-46	1906571.91	462190.37	100	15.94
21x65-47	1906572.70	462100.54	100	5.61
21x65-48	1906574.27	462191.55	100	15.27
21x65-49	1906575.06	462188.00	100	14.14
21x65-50	1906575.85	462178.55	100	14.17
21x65-51	1906579.00	462112.36	100	12.32
21x65-52	1906580.18	462191.55	100	18.50
21x65-53	1906582.55	462192.73	100	14.37
21x65-54	1906583.04	462198.53	100	13.43
21x65-55	1906583.73	462184.06	100	19.06
21x65-56	1906585.30	462194.25	100	7.88
21x65-57	1906588.06	462199.82	100	32.05
21x65-58	1906592.00	462172.00	100	8.65
21x65-59	1906593.97	462199.82	100	5.88
21x65-60	1906598.70	462173.82	100	2037.51
21x65-61	1906598.90	462103.84	100	11.23
22x65-1	1906500.20	462269.17	100	25.25
22x65-2	1906502.02	462260.58	100	13.92
22x65-3	1906502.57	462232.13	100	7.00
22x65-4	1906502.57	462282.17	100	38.09
22x65-5	1906503.35	462244.74	100	7.16
22x65-6	1906504.49	462298.78	100	9.77

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
22x65-7	1906504.93	462281.78	100	38.98
22x65-8	1906505.32	462232.53	100	7.90
22x65-9	1906505.72	462294.38	100	12.67
22x65-10	1906510.05	462295.57	100	5.49
22x65-11	1906510.05	462298.32	100	7.80
22x65-12	1906510.36	462239.68	100	6.75
22x65-13	1906512.02	462236.86	100	13.06
22x65-14	1906512.42	462253.01	100	7.75
22x65-15	1906512.81	462232.92	100	8.64
22x65-16	1906512.81	462249.47	100	9.76
22x65-17	1906514.78	462280.99	100	112.49
22x65-18	1906515.57	462230.95	100	11.34
22x65-19	1906515.57	462243.16	100	8.27
22x65-20	1906516.75	462298.72	100	13.76
22x65-21	1906517.36	462285.60	100	15.59
22x65-22	1906517.93	462234.89	100	17.46
22x65-23	1906518.33	462240.01	100	6.96
22x65-24	1906519.11	462271.14	100	6.30
22x65-25	1906520.30	462244.35	100	6.83
22x65-26	1906522.27	462207.31	100	10.93
22x65-27	1906522.27	462211.25	100	18.96
22x65-28	1906522.27	462217.16	100	10.19
22x65-29	1906522.27	462299.11	100	8.53
22x65-30	1906522.66	462220.31	100	10.37
22x65-31	1906522.66	462254.20	100	8.30
22x65-32	1906525.02	462299.90	100	9.76
22x65-33	1906525.81	462225.43	100	7.08
22x65-34	1906526.99	462238.83	100	8.65
22x65-35	1906529.75	462219.13	100	13.49
22x65-36	1906530.15	462208.89	100	11.50
22x65-37	1906530.54	462230.95	100	28.56
22x65-38	1906532.51	462212.83	100	10.45
22x65-39	1906534.87	462205.73	100	6.21
22x65-40	1906534.87	462220.31	100	5.61
22x65-41	1906535.27	462254.59	100	6.89
22x65-42	1906537.24	462230.56	100	7.17
22x65-43	1906538.03	462239.62	100	362.13
22x65-44	1906540.39	462201.01	100	5.08
22x65-45	1906542.17	462211.77	100	27.38
22x65-46	1906542.36	462203.76	100	6.27
22x65-47	1906542.75	462241.19	100	7.61

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
22x65-48	1906546.69	462218.74	100	89.82
22x65-49	1906547.09	462202.19	100	6.65
22x65-50	1906547.09	462252.23	100	12.80
22x65-51	1906547.09	462254.98	100	11.98
22x65-52	1906547.48	462211.64	100	120.57
22x65-53	1906549.85	462207.70	100	73.84
22x65-54	1906551.42	462229.77	100	11.48
22x65-55	1906551.42	462280.59	100	6.22
22x65-56	1906551.82	462251.44	100	10.73
22x65-57	1906551.82	462254.59	100	11.63
22x65-58	1906554.18	462206.52	100	18.05
22x65-59	1906554.22	462248.74	100	9.39
22x65-60	1906554.57	462224.25	100	9.60
22x65-61	1906554.57	462271.14	100	76.34
22x65-62	1906554.97	462245.92	100	17.63
22x65-63	1906555.36	462233.31	100	6.31
22x65-64	1906556.54	462238.04	100	14.91
22x65-65	1906557.41	462281.79	100	120.69
22x65-66	1906559.30	462247.10	100	22.47
22x65-67	1906559.30	462258.53	100	7.21
22x65-68	1906559.70	462202.98	100	15.89
22x65-69	1906561.94	462279.22	100	518.28
22x65-70	1906562.06	462218.74	100	218.20
22x65-71	1906562.06	462241.98	100	33.12
22x65-72	1906563.70	462262.95	100	22.99
22x65-73	1906564.03	462212.83	100	12.05
22x65-74	1906564.03	462277.84	100	679.22
22x65-75	1906564.42	462219.92	100	206.76
22x65-76	1906564.82	462234.10	100	10.94
22x65-77	1906565.21	462270.74	100	75.66
22x65-78	1906566.79	462258.92	100	160.17
22x65-79	1906566.79	462275.87	100	545.06
22x65-80	1906567.18	462204.16	100	125.54
22x65-81	1906567.20	462222.58	100	171.47
22x65-82	1906567.58	462248.29	100	6.07
22x65-83	1906567.61	462208.99	100	11.77
22x65-84	1906569.94	462248.29	100	8.55
22x65-85	1906569.94	462254.20	100	416.14
22x65-86	1906570.33	462224.65	100	277.24
22x65-87	1906571.91	462290.05	100	10.02
22x65-88	1906572.30	462292.02	100	10.14

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
22x65-89	1906573.09	462228.59	100	333.01
22x65-90	1906573.49	462266.80	100	24.03
22x65-91	1906575.06	462215.58	100	12.55
22x65-92	1906575.46	462230.56	100	308.10
22x65-93	1906576.24	462201.79	100	44.31
22x65-94	1906576.64	462245.53	100	17.44
22x65-95	1906577.43	462202.19	100	44.63
22x65-96	1906578.21	462232.92	100	312.38
22x65-97	1906578.61	462271.14	100	46.89
22x65-98	1906579.66	462276.13	100	55.38
22x65-99	1906580.18	462269.96	100	37.32
22x65-100	1906580.97	462258.53	100	7.29
22x65-101	1906581.20	462200.55	100	22.51
22x65-102	1906582.94	462252.62	100	429.06
22x65-103	1906584.12	462276.65	100	179.06
22x65-104	1906584.52	462203.37	100	8.56
22x65-105	1906584.52	462223.86	100	6.12
22x65-106	1906584.70	462284.67	100	6.94
22x65-107	1906584.91	462289.66	100	6.28
22x65-108	1906585.70	462252.23	100	423.97
22x65-109	1906586.88	462241.19	100	304.23
22x65-110	1906587.28	462199.82	100	31.58
22x65-111	1906587.28	462206.52	100	6.02
22x65-112	1906587.67	462218.74	100	143.96
22x65-113	1906588.06	462284.14	100	10.89
22x65-114	1906588.46	462256.95	100	109.60
22x65-115	1906588.85	462286.50	100	11.76
22x65-116	1906589.25	462227.80	100	7.48
22x65-117	1906589.25	462276.26	100	50.87
22x65-118	1906589.64	462213.22	100	9.98
22x65-119	1906590.03	462244.35	100	217.39
22x65-120	1906590.82	462268.38	100	176.07
22x65-121	1906591.29	462278.29	100	35.52
22x65-122	1906592.79	462247.10	100	279.76
22x65-123	1906595.16	462219.52	100	50.96
22x65-124	1906595.16	462280.99	100	65.04
22x65-125	1906595.55	462205.73	100	17.20
22x65-126	1906595.55	462236.07	100	11.40
22x65-127	1906595.62	462271.60	100	81.28
22x65-128	1906595.92	462285.50	100	11.21
22x65-129	1906596.73	462250.65	100	328.70

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
22x65-130	1906597.91	462291.23	100	8.53
22x65-131	1906598.70	462253.80	100	294.15
22x65-132	1906599.49	462276.65	100	518.45
22x65-133	1906599.88	462244.74	100	12.79
23x65-1	1906500.32	462320.33	100	6.74
23x65-2	1906503.75	462301.87	100	19.77
23x65-3	1906504.93	462303.45	100	25.66
23x65-4	1906505.32	462328.27	100	15.48
23x65-5	1906510.45	462369.24	100	39.14
23x65-6	1906512.42	462301.08	100	6.25
23x65-7	1906513.20	462328.27	100	5.80
23x65-8	1906517.93	462332.21	100	8.25
23x65-9	1906519.90	462335.36	100	6.06
23x65-10	1906522.27	462309.36	100	6.33
23x65-11	1906522.66	462304.63	100	4.94
23x65-12	1906525.02	462315.66	100	4.90
23x65-13	1906525.02	462330.63	100	8.52
23x65-14	1906530.93	462343.63	100	12.32
23x65-15	1906533.30	462325.51	100	30.87
23x65-16	1906535.27	462346.39	100	9.11
23x65-17	1906535.27	462351.51	100	8.21
23x65-18	1906540.00	462324.33	100	12.52
23x65-19	1906540.00	462329.84	100	7.65
23x65-20	1906544.72	462324.72	100	11.50
23x65-21	1906547.48	462326.69	100	17.78
23x65-22	1906554.57	462303.45	100	8.00
23x65-23	1906555.76	462325.12	100	63.85
23x65-24	1906556.94	462324.33	100	59.24
23x65-25	1906574.27	462340.09	100	10.19
23x65-26	1906577.43	462306.99	100	6.88
23x65-27	1906581.76	462319.60	100	46.43
23x65-28	1906587.67	462330.63	100	7.51
23x65-29	1906595.16	462323.54	100	5.43
23x65-30	1906596.34	462306.99	100	19.65
24x65-1	1906511.63	462411.01	100	5.12
24x65-2	1906512.02	462408.64	100	5.14
24x65-3	1906572.30	462496.90	100	5.29
24x65-4	1906591.61	462401.95	100	7.24
25x65-1	1906510.45	462531.18	100	6.29
25x65-2	1906561.27	462509.90	100	18.30
26x65-1	1906528.18	462697.84	100	9.57

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
26x65-2	1906534.09	462700.60	100	7.76
26x65-3	1906550.63	462667.11	100	7.16
26x65-4	1906560.88	462671.84	100	7.39
26x65-5	1906570.33	462657.26	100	5.22
26x65-6	1906571.12	462654.11	100	6.22
26x65-7	1906572.70	462638.74	100	6.84
26x65-8	1906573.88	462646.62	100	5.73
26x65-9	1906578.21	462676.56	100	10.19
26x65-10	1906580.58	462621.80	100	5.61
26x65-11	1906580.97	462619.04	100	6.30
26x65-12	1906586.49	462618.65	100	20.89
26x65-13	1906588.46	462618.25	100	15.42
26x65-14	1906600.28	462670.26	100	4.97
27x65-1	1906572.30	462783.34	100	5.60
28x65-1	1906512.02	462881.84	100	5.11
28x65-2	1906561.27	462812.49	100	7.79
28x65-3	1906568.36	462844.01	100	5.44
28x65-4	1906574.67	462880.26	100	9.77
28x65-5	1906580.18	462811.31	100	8.70
28x65-6	1906582.94	462807.37	100	5.09
29x65-1	1906510.45	462963.40	100	7.88
29x65-2	1906568.84	462985.36	100	8.95
29x65-3	1906575.46	462981.13	100	1840.50
29x65-4	1906576.24	462977.97	100	18.95
29x65-5	1906578.94	462985.86	100	6.94
30x65-1	1906537.63	463048.11	100	16.80
30x65-2	1906569.55	463033.13	100	18.93
30x65-3	1906587.67	463002.01	100	7.28
30x65-4	1906588.85	463090.26	100	6.58
31x65-1	1906502.17	463171.80	100	6.68
31x65-2	1906579.00	463103.66	100	12.05
21x67-1	1906700.38	462199.30	100	12.08
21x67-2	1906702.32	462180.91	100	8.56
21x67-3	1906702.52	462193.28	100	31.51
21x67-4	1906702.71	462189.50	100	17.95
21x67-5	1906703.10	462169.78	100	6.88
21x67-6	1906703.51	462176.97	100	9.12
21x67-7	1906705.62	462198.53	100	6.47
21x67-8	1906705.87	462192.34	100	30.61
21x67-9	1906707.05	462155.70	100	10.67
21x67-10	1906707.45	462161.61	100	1427.10

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
21x67-11	1906707.47	462186.68	100	5.68
21x67-12	1906709.84	462180.87	100	5.05
21x67-13	1906712.13	462175.32	100	12.52
21x67-14	1906712.52	462170.95	100	11.87
21x67-15	1906714.09	462194.62	100	5.24
21x67-16	1906721.24	462141.51	100	14.97
21x67-17	1906722.42	462152.94	100	1120.23
21x67-18	1906723.60	462148.60	100	1807.17
21x67-19	1906727.15	462178.15	100	5.60
21x67-20	1906730.69	462173.03	100	7.68
21x67-21	1906736.60	462180.12	100	20.66
21x67-22	1906737.00	462163.18	100	8.43
21x67-23	1906739.36	462149.00	100	5.77
21x67-24	1906742.91	462156.48	100	62.29
21x67-25	1906746.45	462172.64	100	10.04
21x67-26	1906755.12	462183.28	100	6.33
21x67-27	1906757.48	462186.03	100	7.54
21x67-28	1906757.48	462191.94	100	20.52
21x67-29	1906762.21	462180.12	100	8.53
21x67-30	1906765.36	462176.58	100	6.49
21x67-31	1906767.33	462197.07	100	5.80
21x67-32	1906777.58	462183.28	100	5.57
21x67-33	1906799.25	462188.79	100	8.79
21x70-1	1907021.46	462176.97	100	226.07
22x67-1	1906700.35	462225.83	100	28.76
22x67-2	1906700.59	462250.12	100	550.36
22x67-3	1906701.93	462210.86	100	65.70
22x67-4	1906702.02	462293.59	100	8.88
22x67-5	1906702.32	462230.95	100	7.41
22x67-6	1906702.50	462206.64	100	54.40
22x67-7	1906702.72	462283.75	100	10.70
22x67-8	1906703.11	462217.16	100	15.28
22x67-9	1906703.11	462223.86	100	24.68
22x67-10	1906703.11	462264.44	100	84.56
22x67-11	1906703.11	462299.11	100	30.28
22x67-12	1906705.18	462208.32	100	27.96
22x67-13	1906705.61	462226.04	100	7.65
22x67-14	1906705.87	462291.23	100	14.09
22x67-15	1906706.49	462250.59	100	468.75
22x67-16	1906706.66	462221.89	100	50.59
22x67-17	1906707.54	462205.12	100	23.90

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
22x67-18	1906709.02	462241.98	100	6.75
22x67-19	1906710.56	462207.87	100	5.72
22x67-20	1906710.60	462229.37	100	6.59
22x67-21	1906711.44	462251.45	100	346.57
22x67-22	1906712.57	462201.40	100	5.26
22x67-23	1906713.75	462209.67	100	7.60
22x67-24	1906713.75	462268.77	100	8.84
22x67-25	1906717.30	462248.68	100	407.05
22x67-26	1906717.30	462266.41	100	9.12
22x67-27	1906719.66	462253.41	100	198.41
22x67-28	1906719.81	462260.01	100	38.04
22x67-29	1906720.05	462246.32	100	307.50
22x67-30	1906722.42	462280.99	100	5.33
22x67-31	1906722.76	462266.48	100	6.97
22x67-32	1906722.81	462239.62	100	53.79
22x67-33	1906725.57	462242.38	100	64.56
22x67-34	1906725.57	462247.10	100	20.75
22x67-35	1906725.57	462265.23	100	8.48
22x67-36	1906725.57	462274.68	100	7.03
22x67-37	1906725.57	462284.53	100	15.95
22x67-38	1906725.99	462257.44	100	14.24
22x67-39	1906728.33	462253.80	100	24.39
22x67-40	1906728.33	462262.47	100	13.39
22x67-41	1906731.23	462257.44	100	9.17
22x67-42	1906731.48	462299.51	100	15.15
22x67-43	1906736.60	462249.47	100	13.08
22x67-44	1906738.97	462251.83	100	8.67
22x67-45	1906742.91	462230.95	100	6.11
22x67-46	1906745.66	462228.98	100	7.96
22x67-47	1906746.85	462240.80	100	18.07
22x67-48	1906747.63	462233.31	100	9.05
22x67-49	1906748.03	462246.32	100	8.56
22x67-50	1906751.18	462214.80	100	27.65
22x67-51	1906751.97	462297.54	100	5.33
22x67-52	1906753.54	462236.86	100	5.56
22x67-53	1906753.96	462246.31	100	7.86
22x67-54	1906755.91	462242.77	100	56.24
22x67-55	1906758.24	462212.35	100	33.50
22x67-56	1906759.85	462284.14	100	5.20
22x67-57	1906764.18	462205.34	100	6.41
22x67-58	1906765.95	462252.11	100	11.42

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
22x67-59	1906767.33	462209.28	100	7.15
22x67-60	1906767.66	462247.17	100	7.48
22x67-61	1906769.57	462223.67	100	29.58
22x67-62	1906772.51	462221.48	100	29.74
22x67-63	1906773.64	462229.37	100	11.04
22x67-64	1906776.00	462205.34	100	10.53
22x67-65	1906776.00	462212.43	100	10.86
22x67-66	1906778.37	462208.89	100	5.21
22x67-67	1906778.76	462231.74	100	5.18
22x67-68	1906783.88	462230.56	100	5.87
22x67-69	1906791.16	462233.85	100	53.15
22x67-70	1906799.91	462221.01	100	5.95
23x67-1	1906703.51	462360.18	100	13.50
23x67-2	1906709.02	462323.54	100	5.54
23x67-3	1906709.42	462341.66	100	11.48
23x67-4	1906709.42	462347.97	100	9.00
23x67-5	1906711.78	462330.24	100	5.92
23x67-6	1906722.02	462336.15	100	6.52
23x67-7	1906722.02	462341.66	100	6.14
23x67-8	1906728.33	462315.27	100	5.98
23x67-9	1906731.09	462307.39	100	15.76
23x67-10	1906739.36	462339.69	100	5.61
23x67-11	1906739.36	462354.27	100	86.19
23x67-12	1906743.30	462358.21	100	51.87
23x67-13	1906746.06	462357.42	100	57.52
23x67-14	1906747.63	462349.54	100	8.79
23x67-15	1906747.63	462351.91	100	6.27
23x67-16	1906757.09	462368.46	100	17.71
23x67-17	1906761.03	462360.18	100	6.70
23x67-18	1906766.55	462339.30	100	8.64
23x67-19	1906774.43	462385.79	100	5.47
23x67-20	1906778.37	462314.48	100	105.50
23x67-21	1906781.54	462312.99	100	76.28
23x67-22	1906784.28	462318.42	100	13.18
23x67-23	1906796.88	462325.12	100	60.28
24x67-1	1906702.32	462424.01	100	25.21
24x67-2	1906703.90	462417.71	100	14.97
24x67-3	1906731.87	462427.95	100	7.43
24x67-4	1906752.99	462499.74	100	7.83
24x67-5	1906788.22	462411.01	100	7.22
26x67-1	1906754.73	462604.86	100	5.46

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
26x69-1	1906909.96	462607.22	100	19.99
26x69-2	1906928.48	462691.93	100	10.15
27x67-1	1906726.36	462729.36	100	6.40
27x67-2	1906737.39	462781.37	100	18.70
27x67-3	1906738.18	462778.61	100	12.55
27x69-1	1906922.40	462733.43	100	16.47
27x69-2	1906922.57	462760.88	100	9.43
27x69-3	1906937.54	462788.46	100	19.97
27x69-4	1906969.46	462775.46	100	17.51
27x69-5	1906973.00	462720.69	100	5.64
27x69-6	1906983.64	462785.70	100	5.72
27x69-7	1906988.37	462727.00	100	7.60
27x69-8	1906993.10	462730.54	100	11.66
28x68-1	1906873.38	462893.95	100	6.62
29x67-1	1906735.03	462984.28	100	34.99
29x67-2	1906742.51	462978.37	100	9.80
29x67-3	1906762.61	462959.06	100	5.63
29x67-4	1906778.54	462972.16	100	9.72
29x67-5	1906782.31	462954.33	100	8.44
29x67-6	1906783.09	462931.48	100	11.57
29x67-7	1906787.43	462961.03	100	7.90
29x67-8	1906787.82	462931.09	100	9.43
29x67-9	1906792.94	462959.85	100	10.69
29x67-10	1906794.13	462933.06	100	5.46
30x67-1	1906700.35	463017.77	100	6.53
30x67-2	1906714.14	463001.61	100	5.65
30x67-3	1906729.12	463009.89	100	14.08
25x72-1	1907252.77	462514.07	100	32.81
25x72-2	1907294.51	462521.33	100	8.71
25x72-3	1907296.51	462510.06	100	16.50
25x55-1	1905593.87	462585.11	100	9.99
25x55-2	1905598.69	462578.28	100	17.08
25x56-1	1905607.42	462553.82	100	11.56
25x56-2	1905613.40	462541.13	100	24.26
25x56-3	1905634.58	462527.24	100	242.81
25x56-4	1905635.30	462557.06	100	850.72
25x56-5	1905636.16	462548.91	100	5.26
25x56-6	1905639.31	462554.42	100	2917.31
25x56-7	1905641.68	462591.85	100	14.07
25x56-8	1905642.07	462552.85	100	2063.68
25x56-9	1905642.07	462572.94	100	6.25

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
25x56-10	1905642.07	462583.58	100	28.49
25x56-11	1905644.04	462583.97	100	36.00
25x56-12	1905644.04	462589.49	100	22.77
25x56-13	1905644.43	462568.21	100	27.97
25x56-14	1905644.83	462546.15	100	13.93
25x56-15	1905647.98	462555.61	100	7.89
25x56-16	1905651.92	462566.24	100	560.53
25x56-17	1905655.47	462554.03	100	261.19
25x56-18	1905657.04	462554.82	100	238.17
25x56-19	1905657.44	462513.05	100	14.96
25x56-20	1905660.19	462557.97	100	73.09
25x56-21	1905660.59	462508.72	100	20.58
25x56-22	1905660.59	462532.36	100	15.43
25x56-23	1905662.95	462542.60	100	415.35
25x56-24	1905664.13	462517.78	100	5.52
25x56-25	1905667.29	462550.48	100	292.76
25x56-26	1905667.29	462596.58	100	4730.59
25x56-27	1905668.07	462555.21	100	584.12
25x56-28	1905668.07	462568.21	100	29.49
25x56-29	1905672.90	462554.07	100	438.07
25x56-30	1905675.56	462594.61	100	29.22
25x56-31	1905677.14	462574.52	100	13.32
25x56-32	1905678.32	462554.42	100	7.54
25x56-33	1905679.50	462504.39	100	11.02
25x56-34	1905683.05	462573.34	100	6.15
25x56-35	1905684.62	462537.09	100	6.77
25x56-36	1905685.02	462531.18	100	5.30
25x56-37	1905687.77	462566.24	100	5.06
25x56-38	1905688.17	462530.78	100	5.21
25x56-39	1905691.32	462578.06	100	34.80
25x56-40	1905694.87	462536.69	100	21.19
25x56-41	1905694.87	462553.64	100	18.20
25x56-42	1905698.02	462548.51	100	50.63
25x56-43	1905699.99	462534.72	100	9.75
26x56-1	1905608.58	462673.02	100	18.36
26x56-2	1905610.16	462680.11	100	5.06
26x56-3	1905614.88	462673.81	100	5.45
26x56-4	1905615.28	462678.14	100	5.00
26x56-5	1905617.64	462658.44	100	42.07
26x56-6	1905621.98	462633.22	100	2472.41
26x56-7	1905642.86	462603.28	100	6.27

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
26x56-8	1905644.04	462614.71	100	2611.53
26x56-9	1905650.34	462696.26	100	9.63
26x56-10	1905655.86	462695.48	100	14.94
26x56-11	1905658.22	462696.26	100	16.08
26x56-12	1905662.16	462661.99	100	12.91
26x56-13	1905664.53	462691.14	100	131.72
26x56-14	1905666.50	462693.11	100	196.16
26x56-15	1905666.89	462688.78	100	147.09
26x56-16	1905669.26	462691.54	100	214.67
26x56-17	1905669.65	462687.20	100	175.85
26x56-18	1905671.62	462689.57	100	174.34
26x56-19	1905687.77	462672.62	100	141.37
26x56-20	1905690.14	462674.20	100	176.72
26x56-21	1905690.93	462670.65	100	174.67
26x56-22	1905692.50	462672.62	100	185.23
26x56-23	1905693.29	462668.68	100	169.39
26x56-24	1905695.65	462670.26	100	117.17
27x55-1	1905544.36	462715.18	100	6.26
27x55-2	1905546.33	462712.42	100	7.36
27x55-3	1905547.90	462773.88	100	9.77
27x55-4	1905547.90	462776.25	100	15.66
27x55-5	1905549.87	462792.01	100	5.82
27x55-6	1905556.57	462799.10	100	5.16
27x55-7	1905570.76	462743.54	100	12.61
27x55-8	1905581.39	462748.67	100	7.62
27x55-9	1905582.18	462732.51	100	14.36
27x55-10	1905584.55	462725.81	100	5.20
27x55-11	1905590.06	462705.72	100	5.08
27x55-12	1905593.21	462734.48	100	5.48
27x55-13	1905597.94	462704.93	100	18.19
27x55-14	1905598.34	462702.17	100	11.71
27x56-1	1905602.28	462704.93	100	14.81
27x56-2	1905635.37	462750.64	100	25.76
27x56-3	1905651.13	462705.72	100	5.38
27x56-4	1905651.53	462737.63	100	8.97
27x56-5	1905662.56	462708.08	100	18.86
27x56-6	1905667.68	462750.64	100	16.29
27x56-7	1905681.86	462699.81	100	8.46
28x55-1	1905520.32	462847.95	100	8.65
28x55-2	1905530.57	462800.67	100	6.82
28x55-3	1905531.75	462808.16	100	7.73

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
28x55-4	1905539.24	462845.59	100	16.32
28x55-5	1905555.76	462813.94	100	4.82
28x55-6	1905570.76	462867.65	100	23.60
28x56-1	1905679.11	462885.78	100	5.87
28x56-2	1905684.62	462845.98	100	7.46
28x56-3	1905697.23	462891.29	100	6.40
28x56-4	1905697.23	462893.26	100	4.95
29x55-1	1905569.57	462927.94	100	6.50
29x55-2	1905586.52	462959.46	100	7.10
29x55-3	1905590.46	462965.37	100	23.22
29x55-4	1905592.82	462964.97	100	21.39
29x56-1	1905617.64	462929.12	100	13.91
29x56-2	1905621.98	462944.88	100	11.11
29x56-3	1905626.31	462922.81	100	7.65
29x56-4	1905629.46	462929.12	100	8.00
29x56-5	1905632.22	462930.30	100	7.31
29x56-6	1905637.34	462975.61	100	9.96
29x56-7	1905639.31	462976.40	100	10.34
30x56-1	1905628.28	463015.40	100	7.42
30x56-2	1905639.71	463002.01	100	5.56
30x56-3	1905652.71	463089.87	100	29.32
30x56-4	1905659.80	463098.14	100	40.87
30x56-5	1905663.74	463043.38	100	10.37
30x56-6	1905666.89	463048.11	100	5.41
31x56-1	1905679.89	463116.66	100	20.87
31x56-2	1905682.65	463119.42	100	23.53
31x56-3	1905685.80	463122.97	100	17.25
31x56-4	1905688.56	463125.72	100	12.49
31x56-5	1905691.32	463128.48	100	12.95
31x56-6	1905694.08	463130.45	100	15.30
31x56-7	1905696.84	463133.21	100	17.67
31x56-8	1905699.20	463136.36	100	24.30
22x63-1	1906330.39	462207.70	100	34.80
22x63-2	1906347.33	462205.73	100	5.13
22x63-3	1906347.33	462291.23	100	14.16
22x63-4	1906365.06	462201.01	100	8.80
22x63-5	1906365.45	462282.56	100	7.62
22x63-6	1906368.61	462200.61	100	21.15
22x63-7	1906372.94	462254.98	100	7.18
22x63-8	1906374.42	462274.21	100	6.95
22x63-9	1906384.76	462233.71	100	5.35

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
22x63-10	1906391.06	462211.25	100	8.24
22x63-11	1906398.16	462202.19	100	13.60
24x57-1	1905710.63	462462.23	100	6.14
24x57-2	1905727.17	462460.65	100	124.90
24x57-3	1905727.96	462455.14	100	18.72
24x57-4	1905751.21	462452.38	100	6.28
24x57-5	1905765.23	462453.31	100	6.12
24x57-6	1905772.88	462404.70	100	5.33
25x57-1	1905701.56	462538.98	100	13.11
25x57-2	1905702.19	462533.65	100	9.62
25x57-3	1905712.20	462515.42	100	19.43
25x57-4	1905715.75	462558.36	100	2192.78
25x57-5	1905723.95	462512.67	100	26.34
25x57-6	1905727.96	462532.36	100	5.76
25x57-7	1905731.00	462517.84	100	6.79
25x57-8	1905739.39	462539.85	100	9421.68
25x57-9	1905739.92	462533.65	100	13.47
25x57-10	1905742.54	462588.70	100	10.20
25x57-11	1905745.69	462574.12	100	162.39
25x57-12	1905749.31	462508.45	100	8.27
25x57-13	1905751.82	462557.29	100	8.88
25x57-14	1905776.40	462583.28	100	5.78
25x57-15	1905781.94	462542.60	100	17.40
25x57-16	1905781.94	462597.76	100	178.46
25x57-17	1905784.54	462599.72	100	131.87
25x57-18	1905785.64	462539.29	100	8.72
25x57-19	1905786.11	462594.24	100	126.98
25x57-20	1905786.42	462561.99	100	25.24
25x57-21	1905787.06	462597.76	100	225.18
25x57-22	1905789.86	462595.81	100	206.88
25x57-23	1905792.97	462556.39	100	13.52
25x57-24	1905792.97	462579.25	100	8.53
25x57-25	1905794.94	462544.97	100	147.98
25x57-26	1905795.34	462577.28	100	16.11
25x57-27	1905795.34	462595.97	100	6.28
25x57-28	1905798.49	462586.34	100	12.41
26x57-1	1905711.95	462654.59	100	127.50
26x57-2	1905715.05	462653.30	100	147.73
26x57-3	1905716.54	462650.17	100	153.91
26x57-4	1905718.90	462652.53	100	170.38
26x57-5	1905735.05	462635.19	100	143.05

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
26x57-6	1905738.41	462629.60	100	37.71
26x57-7	1905739.39	462635.59	100	203.83
26x57-8	1905743.58	462633.57	100	65.07
26x57-9	1905759.09	462616.68	100	152.09
26x57-10	1905761.45	462618.65	100	91.96
26x57-11	1905762.27	462615.82	100	119.99
26x57-12	1905763.03	462612.34	100	121.39
26x57-13	1905765.39	462615.49	100	139.47
26x57-14	1905768.82	462615.64	100	7.91
26x57-15	1905781.94	462694.29	100	186.05
26x57-16	1905783.91	462691.54	100	162.19
26x57-17	1905786.67	462694.29	100	136.46
26x57-18	1905789.50	462618.92	100	7.51
26x57-19	1905789.76	462691.64	100	74.09
27x57-1	1905702.75	462757.73	100	14.70
27x57-2	1905705.11	462792.79	100	6.44
27x57-3	1905705.28	462719.62	100	7.23
27x57-4	1905707.87	462753.79	100	6.78
27x57-5	1905708.26	462742.36	100	8.09
27x57-6	1905710.07	462766.47	100	17.13
27x57-7	1905710.27	462749.18	100	71.63
27x57-8	1905710.63	462738.82	100	5.17
27x57-9	1905712.60	462768.76	100	16.79
27x57-10	1905713.38	462752.21	100	182.45
27x57-11	1905715.69	462745.54	100	109.19
27x57-12	1905715.75	462749.06	100	175.09
27x57-13	1905718.11	462748.27	100	172.51
27x57-14	1905721.26	462741.97	100	5.17
27x57-15	1905734.66	462731.33	100	176.01
27x57-16	1905737.42	462733.30	100	141.03
27x57-17	1905738.07	462730.86	100	124.05
27x57-18	1905740.36	462727.95	100	102.85
27x57-19	1905742.54	462729.75	100	117.23
27x57-20	1905759.09	462712.81	100	174.07
27x57-21	1905762.33	462711.60	100	159.43
27x57-22	1905765.35	462710.56	100	115.99
27x57-23	1905789.82	462794.76	100	10.72
28x57-1	1905731.51	462832.19	100	11.45
28x57-2	1905757.91	462819.19	100	5.56
28x57-3	1905761.45	462847.95	100	7.33
28x57-4	1905764.21	462845.59	100	8.10

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
28x57-5	1905765.39	462808.55	100	5.40
28x57-6	1905765.39	462875.53	100	8.84
28x57-7	1905766.17	462816.85	100	6.72
28x57-8	1905772.48	462802.64	100	7.92
28x57-9	1905776.03	462808.55	100	6.91
28x57-10	1905780.76	462802.25	100	137.11
28x57-11	1905783.52	462811.71	100	8.37
28x57-12	1905789.43	462868.05	100	5.47
28x57-13	1905789.82	462840.07	100	5.11
28x57-14	1905793.75	462811.96	100	6.31
28x63-1	1906301.63	462827.86	100	8.32
28x63-2	1906311.87	462828.65	100	15.61
28x63-3	1906315.02	462825.50	100	12.29
28x63-4	1906319.75	462835.74	100	17.77
28x63-5	1906321.19	462839.26	100	17.49
28x63-6	1906322.11	462832.59	100	16.68
28x63-7	1906324.93	462836.93	100	8.14
28x63-8	1906327.24	462825.50	100	5.52
28x63-9	1906327.63	462831.41	100	100.15
28x63-10	1906329.99	462828.25	100	45.07
28x63-11	1906331.23	462841.24	100	9.60
28x63-12	1906335.12	462839.29	100	17.01
28x63-13	1906335.59	462822.29	100	5.93
28x63-14	1906338.27	462820.37	100	13.82
28x63-15	1906339.45	462837.71	100	38.19
28x63-16	1906341.42	462831.01	100	15.79
28x63-17	1906342.21	462835.35	100	39.63
28x63-18	1906348.91	462828.25	100	21.17
28x63-19	1906350.88	462823.13	100	10.83
28x63-20	1906354.03	462827.47	100	13.30
28x63-21	1906355.60	462818.80	100	5.64
28x63-22	1906361.91	462870.41	100	7.99
28x63-23	1906369.79	462815.25	100	13.34
28x63-24	1906372.55	462810.92	100	8.88
28x63-25	1906372.94	462832.98	100	24.46
28x63-26	1906374.52	462843.23	100	43.97
28x63-27	1906374.91	462835.35	100	16.51
28x63-28	1906376.09	462832.59	100	16.52
28x63-29	1906379.64	462842.83	100	26.98
28x63-30	1906379.67	462836.93	100	8.54
23x63-1	1906300.64	462371.80	100	6.14

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
23x63-2	1906307.54	462366.88	100	47.58
23x63-3	1906313.45	462329.06	100	8186.30
23x63-4	1906314.23	462350.33	100	799.25
23x63-5	1906321.72	462325.90	100	11.05
23x63-6	1906334.33	462343.24	100	7.64
23x63-7	1906348.91	462366.49	100	5.04
23x63-8	1906355.60	462352.70	100	6.50
23x63-9	1906391.06	462329.06	100	5.85
24x56-1	1905671.62	462465.77	100	4.94
24x56-2	1905681.86	462483.11	100	6.78
24x56-3	1905686.99	462483.11	100	5.36
24x58-1	1905881.35	462431.08	100	19.68
24x58-2	1905885.56	462400.76	100	8825.01
24x58-3	1905886.74	462430.71	100	33.43
24x58-4	1905887.14	462419.68	100	48.77
24x58-5	1905887.69	462409.50	100	24.27
24x58-6	1905887.93	462405.10	100	555.40
24x58-7	1905889.27	462455.44	100	20.74
24x58-8	1905889.50	462429.53	100	39.33
24x58-9	1905891.20	462418.79	100	8.58
24x58-10	1905891.87	462446.86	100	11296.22
24x58-11	1905892.26	462438.98	100	60.17
24x58-12	1905894.02	462403.96	100	7.93
24x58-13	1905898.00	462441.25	100	17.11
25x58-1	1905802.43	462552.45	100	8.42
25x58-2	1905805.97	462561.12	100	9.50
25x58-3	1905813.46	462545.36	100	19.27
25x58-4	1905813.85	462571.37	100	5.98
25x58-5	1905833.16	462560.73	100	6.54
26x58-1	1905805.97	462675.38	100	130.02
26x58-2	1905809.62	462673.73	100	136.44
26x58-3	1905816.61	462617.07	100	12.54
26x58-4	1905817.79	462604.07	100	5.42
26x58-5	1905819.76	462621.01	100	5.40
26x58-6	1905820.95	462643.47	100	195.61
26x58-7	1905824.89	462608.80	100	6.02
26x58-8	1905831.01	462656.88	100	131.99
26x58-9	1905831.52	462627.01	100	14.59
26x58-10	1905831.58	462613.92	100	10.76
26x58-11	1905833.16	462652.53	100	133.48
26x58-12	1905833.63	462624.29	100	13.24

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
26x58-13	1905835.92	462654.11	100	112.56
26x58-14	1905836.71	462601.70	100	6.04
26x58-15	1905836.76	462605.12	100	6.81
26x58-16	1905838.48	462613.19	100	14.33
26x58-17	1905839.07	462609.19	100	25.21
26x58-18	1905845.77	462612.74	100	14.51
26x58-19	1905848.92	462612.74	100	20.72
26x58-20	1905851.09	462600.27	100	7.11
26x58-21	1905852.86	462670.26	100	6.91
26x58-22	1905855.62	462627.71	100	5.57
26x58-23	1905858.38	462667.11	100	11.13
26x58-24	1905861.53	462632.83	100	7.99
26x58-25	1905864.68	462659.62	100	5.63
26x58-26	1905867.44	462629.28	100	17.40
26x58-27	1905870.26	462627.21	100	7.97
26x58-28	1905871.77	462690.35	100	6.94
26x58-29	1905874.30	462653.65	100	6.86
26x58-30	1905875.32	462643.07	100	8.06
26x58-31	1905875.32	462647.80	100	8.74
26x58-32	1905884.08	462631.55	100	5.26
26x58-33	1905884.38	462628.50	100	8.01
26x58-34	1905892.65	462628.10	100	6.67
26x58-35	1905898.17	462632.44	100	6.09
26x58-36	1905898.56	462624.16	100	17.89
27x58-1	1905802.03	462738.82	100	5.31
27x58-2	1905802.03	462785.70	100	42.89
27x58-3	1905804.40	462782.16	100	8.17
27x58-4	1905810.31	462780.19	100	28.07
27x58-5	1905813.07	462787.28	100	22.18
27x58-6	1905815.43	462774.28	100	8.29
27x58-7	1905824.54	462760.76	100	11.84
27x58-8	1905828.83	462768.58	100	5.48
27x58-9	1905842.22	462762.46	100	6.84
27x58-10	1905842.22	462764.43	100	5.65
27x58-11	1905843.80	462751.82	100	10.51
27x58-12	1905844.46	462793.63	100	13.53
27x58-13	1905858.38	462725.81	100	5.00
27x58-14	1905863.50	462796.73	100	6.55
27x58-15	1905870.20	462705.33	100	5.82
27x58-16	1905873.74	462740.00	100	5.54
27x58-17	1905875.32	462723.84	100	7.45

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
27x58-18	1905880.44	462732.12	100	8.41
27x58-19	1905881.23	462700.99	100	11.47
27x58-20	1905888.71	462790.43	100	15.71
27x58-21	1905896.20	462786.88	100	6.52
27x63-1	1906309.51	462709.66	100	10.90
27x63-2	1906320.14	462727.39	100	5.98
27x63-3	1906328.02	462730.54	100	7.39
27x63-4	1906338.66	462733.30	100	6.42
27x63-5	1906353.24	462732.51	100	8.96
27x63-6	1906387.52	462733.69	100	8.45
27x63-7	1906398.16	462736.06	100	15.11
28x58-1	1905812.28	462842.04	100	5.08
28x58-2	1905812.67	462834.16	100	5.48
28x58-3	1905826.86	462853.08	100	10.11
28x58-4	1905827.64	462820.37	100	16.84
28x58-5	1905831.98	462837.71	100	14.11
28x58-6	1905834.74	462847.95	100	31.42
28x58-7	1905847.74	462827.86	100	10.90
28x58-8	1905855.62	462823.92	100	23.30
28x58-9	1905860.74	462815.65	100	8.01
28x58-10	1905880.05	462838.50	100	12.77
28x58-11	1905880.83	462815.65	100	8.65
28x58-12	1905885.96	462806.19	100	9.79
28x58-13	1905898.17	462810.92	100	10.48
28x58-14	1905898.96	462806.98	100	11.06
29x58-1	1905826.07	462964.97	100	8.15
29x58-2	1905877.68	462954.73	100	5.46
30x58-1	1905878.86	463035.10	100	7.51
31x58-1	1905803.07	463182.79	100	21.81
31x58-2	1905808.29	463179.89	100	5.07
31x58-3	1905812.36	463170.03	100	10.40
31x58-4	1905856.80	463189.95	100	7.26
32x58-1	1905804.00	463226.98	100	12.90
32x58-2	1905809.91	463233.68	100	7.49
32x58-3	1905816.61	463239.20	100	32.67
32x58-4	1905818.19	463260.47	100	12.88
32x58-5	1905820.16	463241.95	100	21.47
32x58-6	1905824.49	463244.32	100	14.60
32x58-7	1905831.19	463252.20	100	42.21
32x58-8	1905834.98	463257.58	100	8.98
32x58-9	1905842.62	463260.47	100	20.01

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
32x58-10	1905843.40	463247.47	100	5.01
32x58-11	1905845.37	463265.20	100	41.69
32x58-12	1905850.50	463271.50	100	27.28
32x58-13	1905854.04	463277.02	100	13.77
32x58-14	1905856.80	463228.95	100	16.93
32x58-15	1905857.98	463282.14	100	17.91
32x58-16	1905859.16	463218.31	100	11.18
32x58-17	1905863.10	463261.65	100	7.78
32x58-18	1905870.44	463299.89	100	20.52
32x58-19	1905882.02	463242.35	100	9.44
32x58-20	1905893.44	463208.86	100	8.65
21x60-1	1906041.59	462183.28	100	5.80
21x60-2	1906077.44	462141.91	100	113.93
21x60-3	1906080.99	462149.39	100	40.55
21x60-4	1906083.74	462144.66	100	10.06
21x60-5	1906085.87	462147.36	100	6.14
21x60-6	1906099.90	462179.73	100	32.05
22x60-1	1906026.22	462269.17	100	25.54
22x60-2	1906027.80	462269.56	100	25.14
22x60-3	1906028.19	462220.71	100	26.04
22x60-4	1906030.16	462217.55	100	17.88
22x60-5	1906036.07	462217.16	100	26.24
22x60-6	1906038.43	462276.26	100	1727.45
22x60-7	1906040.40	462287.29	100	6.97
22x60-8	1906040.40	462292.41	100	11.10
22x60-9	1906040.40	462298.32	100	14.39
22x60-10	1906040.80	462214.01	100	7.52
22x60-11	1906045.13	462278.23	100	6.86
22x60-12	1906053.41	462254.59	100	5.66
22x60-13	1906073.50	462257.35	100	25.76
22x60-14	1906075.47	462247.10	100	17.37
22x60-15	1906087.68	462203.76	100	5.78
23x60-1	1906006.52	462351.12	100	80.16
23x60-2	1906041.59	462316.84	100	11.55
23x60-3	1906041.59	462327.48	100	8.35
23x60-4	1906041.59	462352.30	100	5.9
23x60-5	1906041.98	462308.96	100	7.53
23x60-6	1906045.13	462326.30	100	7.91
23x60-7	1906045.53	462370.03	100	18.66
23x60-8	1906045.92	462351.51	100	9.27
23x60-9	1906045.92	462357.03	100	13.13

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
23x60-10	1906045.92	462364.12	100	10.57
23x60-11	1906046.31	462386.58	100	19.87
23x60-12	1906047.10	462382.25	100	17.84
23x60-13	1906047.10	462399.19	100	12.63
24x60-1	1906000.22	462473.26	100	6.75
24x60-2	1906000.64	462427.10	100	10.17
24x60-3	1906001.40	462485.47	100	39.65
24x60-4	1906001.79	462430.31	100	25.46
24x60-5	1906002.49	462489.32	100	14.87
24x60-6	1906002.97	462475.62	100	22.62
24x60-7	1906003.37	462406.67	100	13.92
24x60-8	1906004.70	462428.03	100	5.01
24x60-9	1906004.94	462432.68	100	11.44
24x60-10	1906004.94	462491.38	100	28.82
24x60-11	1906005.34	462411.80	100	13.56
24x60-12	1906005.34	462451.20	100	19.35
24x60-13	1906005.62	462420.46	100	7.08
24x60-14	1906005.99	462475.85	100	7.14
24x60-15	1906006.52	462468.53	100	40.13
24x60-16	1906008.10	462418.49	100	13.12
24x60-17	1906008.49	462436.22	100	11.50
24x60-18	1906009.28	462442.13	100	20.27
24x60-19	1906010.46	462476.02	100	10358.61
24x60-20	1906011.64	462421.65	100	11.72
24x60-21	1906011.64	462464.20	100	13.53
24x60-22	1906011.64	462490.20	100	51.33
24x60-23	1906011.90	462445.01	100	14.87
24x60-24	1906012.43	462466.17	100	8.71
24x60-25	1906012.46	462439.29	100	5.94
24x60-26	1906014.01	462466.17	100	11.85
24x60-27	1906014.40	462449.62	100	13.74
24x60-28	1906015.41	462483.23	100	12.52
24x60-29	1906015.41	462483.23	100	12.52
24x60-30	1906015.98	462451.59	100	14.14
24x60-31	1906017.44	462473.26	100	24.19
24x60-32	1906017.44	462473.26	100	24.19
24x60-33	1906017.55	462492.17	100	36.22
24x60-34	1906018.73	462433.47	100	5.41
24x60-35	1906018.73	462480.75	100	30.48
24x60-36	1906020.31	462454.35	100	12.62
24x60-37	1906020.39	462483.05	100	9.35

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
24x60-38	1906021.10	462458.68	100	7.96
24x60-39	1906022.28	462487.84	100	5.75
24x60-40	1906024.25	462483.11	100	11.49
24x60-41	1906024.64	462444.50	100	20.28
24x60-42	1906025.43	462413.37	100	24.55
24x60-43	1906025.43	462472.08	100	53.88
24x60-44	1906026.61	462490.20	100	17.29
24x60-45	1906026.61	462495.32	100	6.48
24x60-46	1906027.01	462421.25	100	7.92
24x60-47	1906027.01	462448.44	100	10.94
24x60-48	1906028.98	462413.37	100	15.76
24x60-49	1906028.98	462452.77	100	6.23
24x60-50	1906029.81	462469.94	100	11.88
24x60-51	1906030.95	462484.29	100	54.26
24x60-52	1906031.34	462454.74	100	5.00
24x60-53	1906033.31	462459.47	100	9.97
24x60-54	1906033.69	462467.72	100	5.39
24x60-55	1906033.71	462473.26	100	12.66
24x60-56	1906034.89	462488.63	100	55.35
24x60-57	1906035.28	462474.84	100	13.94
24x60-58	1906037.65	462463.80	100	9.94
24x60-59	1906037.65	462479.17	100	19.87
24x60-60	1906039.22	462492.17	100	56.54
24x60-61	1906039.62	462469.32	100	11.46
24x60-62	1906040.80	462499.26	100	45.67
24x60-63	1906042.77	462496.90	100	51.47
24x60-64	1906043.95	462461.05	100	11.07
24x60-65	1906043.95	462477.20	100	81.28
24x60-66	1906045.13	462487.84	100	49.57
24x60-67	1906048.09	462494.49	100	18.87
24x60-68	1906048.68	462411.01	100	29.25
24x60-69	1906049.07	462405.49	100	15.44
24x60-70	1906049.47	462499.26	100	421.23
24x60-71	1906051.04	462416.52	100	12.01
24x60-72	1906051.04	462429.13	100	27.27
24x60-73	1906051.04	462444.50	100	25.79
24x60-74	1906051.44	462433.86	100	13.72
24x60-75	1906051.44	462435.44	100	16.97
24x60-76	1906051.44	462440.56	100	20.36
24x60-77	1906051.44	462453.56	100	14.15
24x60-78	1906051.44	462459.47	100	24.54

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
24x60-79	1906051.83	462489.81	100	19.51
24x60-80	1906051.83	462497.29	100	454.90
24x60-81	1906053.80	462468.93	100	63.70
24x60-82	1906053.80	462475.62	100	14.01
24x60-83	1906053.80	462483.11	100	12.35
24x60-84	1906053.80	462495.32	100	361.68
24x60-85	1906055.66	462487.48	100	4.73
24x60-86	1906058.98	462493.94	100	41.95
24x60-87	1906058.98	462499.11	100	11.93
24x60-88	1906058.98	462499.11	100	11.93
24x60-89	1906062.47	462496.51	100	40.93
24x60-90	1906066.41	462497.69	100	82.86
24x60-91	1906069.56	462468.14	100	16.82
24x60-92	1906072.71	462467.74	100	21.05
24x60-93	1906079.80	462470.11	100	18.23
24x60-94	1906080.20	462460.26	100	8.23
24x60-95	1906081.38	462479.17	100	19.17
24x60-96	1906081.38	462483.50	100	7.53
24x60-97	1906083.35	462475.23	100	31.24
24x60-98	1906083.74	462494.54	100	9.41
24x60-99	1906085.71	462467.35	100	42.68
24x60-100	1906085.71	462483.50	100	15.21
24x60-101	1906090.84	462455.53	100	8.89
25x60-1	1906021.89	462598.55	100	8.34
25x60-2	1906023.46	462577.67	100	17.68
25x60-3	1906024.64	462566.24	100	7.15
25x60-4	1906028.19	462559.55	100	8.73
25x60-5	1906028.98	462591.07	100	9.39
25x60-6	1906032.13	462558.76	100	6.53
25x60-7	1906035.28	462591.46	100	12.24
25x60-8	1906039.62	462507.14	100	53.88
25x60-9	1906040.01	462521.33	100	7.42
25x60-10	1906042.77	462582.40	100	10.35
25x60-11	1906043.16	462509.11	100	102.49
25x60-12	1906044.34	462525.66	100	7.83
25x60-13	1906044.74	462518.96	100	18.79
25x60-14	1906045.13	462537.88	100	49.08
25x60-15	1906045.53	462596.58	100	9.14
25x60-16	1906047.10	462585.16	100	8.23
25x60-17	1906047.50	462500.84	100	392.90
25x60-18	1906047.50	462598.95	100	9.53

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
25x60-19	1906049.07	462582.79	100	17.57
25x60-20	1906050.65	462587.52	100	11.12
25x60-21	1906052.22	462503.20	100	29.47
25x60-22	1906052.62	462518.18	100	4.95
25x60-23	1906053.01	462509.51	100	11.67
25x60-24	1906054.19	462530.00	100	16.15
25x60-25	1906054.98	462581.22	100	5.90
25x60-26	1906057.35	462510.30	100	6.36
25x60-27	1906057.35	462513.45	100	8.64
25x60-28	1906057.74	462536.30	100	9.87
25x60-29	1906058.13	462503.60	100	43.13
25x60-30	1906061.68	462503.20	100	22.29
25x60-31	1906063.65	462582.40	100	6.12
25x60-32	1906064.04	462508.33	100	7.94
25x60-33	1906065.62	462511.48	100	7.79
25x60-34	1906066.80	462506.36	100	13.76
25x60-35	1906071.92	462501.63	100	10.68
25x60-36	1906081.38	462585.55	100	7.19
25x60-37	1906081.38	462592.25	100	5.37
25x60-38	1906084.14	462566.24	100	8.30
25x60-39	1906085.71	462568.21	100	5.39
25x60-40	1906085.71	462576.88	100	7.20
25x60-41	1906088.08	462558.76	100	11.15
25x60-42	1906090.05	462575.31	100	7.28
25x60-43	1906094.38	462548.91	100	7.77
25x60-44	1906096.75	462541.42	100	9.47
26x60-1	1906000.22	462634.41	100	8.09
26x60-2	1906001.79	462615.89	100	5.72
26x60-3	1906002.58	462608.80	100	5.85
26x60-4	1906003.76	462631.25	100	160.72
26x60-5	1906006.52	462611.95	100	6.89
26x60-6	1906011.25	462614.31	100	6.58
26x60-7	1906027.80	462678.93	100	2171.60
26x60-8	1906032.13	462639.53	100	12.32
26x60-9	1906034.89	462642.68	100	10.04
26x60-10	1906036.46	462650.56	100	5.82
26x60-11	1906039.62	462690.75	100	5.79
26x60-12	1906040.01	462674.99	100	10.31
26x60-13	1906040.01	462692.72	100	6.14
26x60-14	1906040.80	462654.50	100	5.44
26x60-15	1906041.98	462624.56	100	7.60

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
26x60-16	1906042.77	462661.20	100	6.55
26x60-17	1906047.89	462603.67	100	18.85
26x60-18	1906048.28	462624.56	100	8.93
26x60-19	1906048.28	462654.11	100	6.25
26x60-20	1906060.10	462665.14	100	12.17
26x60-21	1906062.07	462619.43	100	7.73
26x60-22	1906067.20	462670.65	100	7.96
26x60-23	1906084.14	462625.34	100	13.64
26x60-24	1906091.23	462641.10	100	26.46
27x60-1	1906009.67	462740.00	100	13.51
27x60-2	1906014.01	462769.15	100	21.76
27x60-3	1906015.19	462797.13	100	41.88
27x60-4	1906015.58	462769.94	100	20.82
27x60-5	1906017.16	462755.36	100	9.43
27x60-6	1906027.40	462736.45	100	13.92
27x60-7	1906029.37	462751.42	100	5.25
27x60-8	1906030.16	462751.82	100	5.33
27x60-9	1906030.95	462749.85	100	5.57
27x60-10	1906033.31	462708.48	100	5.15
27x60-11	1906040.01	462700.20	100	5.68
27x60-12	1906049.86	462721.09	100	5.12
27x60-13	1906051.44	462726.60	100	8.64
28x60-1	1906069.17	462827.07	100	5.04
28x60-2	1906084.53	462821.16	100	5.10
29x60-1	1906084.53	462910.60	100	19.06
29x60-2	1906084.53	462912.96	100	13.61
30x60-1	1906014.01	463096.17	100	5.13
30x60-2	1906093.59	463043.38	100	82.35
30x60-3	1906095.96	463044.95	100	139.26
31x60-1	1906017.95	463117.45	100	5.58
31x60-2	1906018.57	463127.30	100	5.28
31x60-3	1906018.73	463183.25	100	5.50
31x60-4	1906023.59	463146.26	100	5.00
31x60-5	1906040.98	463107.55	100	5.00
32x60-1	1906010.85	463204.13	100	5.47
32x60-2	1906030.89	463253.83	100	5.13
32x60-3	1906037.25	463207.28	100	5.03
32x60-4	1906038.04	463277.02	100	5.31
32x60-5	1906040.80	463200.19	100	5.74
32x60-6	1906042.77	463201.37	100	6.61
32x60-7	1906043.95	463290.81	100	4.99

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
32x60-8	1906059.32	463221.47	100	13.65
34x60-1	1906014.01	463416.50	100	7.94
34x60-2	1906015.19	463419.65	100	6.91
34x60-3	1906056.00	463475.50	100	100.26
34x60-4	1906076.26	463488.60	100	7.42
34x60-5	1906087.29	463485.05	100	36.74
22x58-1	1905889.11	462297.93	100	27.30
22x58-2	1905898.17	462286.11	100	5.83
22x59-1	1905979.73	462277.84	100	15.72
22x59-2	1905980.12	462223.86	100	10.09
22x59-3	1905984.85	462231.34	100	9.14
22x59-4	1905998.25	462223.46	100	5.24
23x58-1	1905889.11	462297.93	100	27.30
23x58-2	1905898.17	462286.11	100	5.83
23x59-1	1905905.66	462340.48	100	9.44
23x59-2	1905906.05	462328.66	100	10.38
23x59-3	1905908.41	462351.12	100	8716.54
23x59-4	1905909.80	462341.77	100	5.54
23x59-5	1905913.54	462361.76	100	5766.72
23x59-6	1905914.72	462396.04	100	25.01
23x59-7	1905916.29	462369.64	100	42.46
23x59-8	1905916.69	462380.28	100	10.38
23x59-9	1905917.00	462350.72	100	10.00
23x59-10	1905917.08	462397.61	100	19.39
23x59-11	1905917.87	462387.76	100	11.70
23x59-12	1905919.45	462343.63	100	16.76
23x59-13	1905920.99	462391.18	100	10.57
23x59-14	1905925.36	462340.09	100	13.76
23x59-15	1905927.72	462355.85	100	19.20
23x59-16	1905927.72	462396.82	100	8.32
23x59-17	1905928.11	462365.30	100	10.38
23x59-18	1905930.72	462357.82	100	33.45
23x59-19	1905931.01	462360.64	100	9.33
23x59-20	1905931.27	462333.78	100	202.85
23x59-21	1905931.27	462368.85	100	25.76
23x59-22	1905933.24	462376.73	100	35.14
23x59-23	1905935.99	462364.52	100	27.45
23x59-24	1905935.99	462368.06	100	40.96
23x59-25	1905936.55	462328.64	100	23.09
23x59-26	1905937.14	462323.58	100	122.17
23x59-27	1905938.01	462382.82	100	10.31

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
23x59-28	1905940.72	462386.19	100	83.35
23x59-29	1905944.82	462370.95	100	11.57
23x59-30	1905945.06	462321.18	100	10975.48
23x59-31	1905945.84	462331.03	100	11.70
23x59-32	1905946.96	462374.84	100	46.69
23x59-33	1905947.64	462362.10	100	5.33
23x59-34	1905949.20	462367.25	100	18.17
23x59-35	1905951.36	462329.84	100	52.03
23x59-36	1905951.36	462396.43	100	65.35
23x59-37	1905952.54	462376.73	100	70.41
23x59-38	1905952.94	462370.03	100	25.95
23x59-39	1905954.55	462326.69	100	8.85
23x59-40	1905955.81	462330.58	100	5.94
23x59-41	1905957.66	462382.64	100	93.11
23x59-42	1905960.19	462385.35	100	106.86
23x59-43	1905965.35	462391.18	100	119.55
23x59-44	1905969.48	462396.04	100	190.65
23x59-45	1905972.06	462399.26	100	154.91
23x59-46	1905979.26	462367.94	100	7.68
23x59-47	1905980.91	462331.81	100	5.51
23x59-48	1905982.08	462382.14	100	9.11
23x59-49	1905983.67	462375.94	100	1595.88
23x59-50	1905988.69	462379.80	100	19.02
23x59-51	1905991.94	462387.37	100	11.32
23x59-52	1905994.31	462392.10	100	11.13
24x59-1	1905902.11	462462.62	100	5.95
24x59-2	1905904.47	462451.98	100	22.02
24x59-3	1905909.99	462453.58	100	12.48
24x59-4	1905915.86	462455.65	100	10.93
24x59-5	1905919.02	462400.58	100	20.13
24x59-6	1905920.63	462407.86	100	11650.96
24x59-7	1905921.52	462458.48	100	14.10
24x59-8	1905921.96	462442.37	100	7.01
24x59-9	1905926.96	462403.74	100	7.24
24x59-10	1905927.33	462460.65	100	11.11
24x59-11	1905931.66	462406.28	100	8.13
24x59-12	1905932.84	462461.05	100	34.12
24x59-13	1905935.21	462405.49	100	14.28
24x59-14	1905938.36	462464.59	100	24.20
24x59-15	1905947.03	462461.44	100	6.15
24x59-16	1905952.87	462429.75	100	48.71

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
24x59-17	1905958.45	462470.11	100	18.84
24x59-18	1905962.01	462437.15	100	25.73
24x59-19	1905963.53	462408.96	100	8.97
24x59-20	1905963.97	462472.87	100	55.34
24x59-21	1905965.94	462411.40	100	7.14
24x59-22	1905967.34	462440.85	100	23.81
24x59-23	1905969.08	462413.64	100	12.47
24x59-24	1905971.45	462442.13	100	36.50
24x59-25	1905972.24	462412.19	100	10.12
24x59-26	1905972.24	462475.62	100	45.62
24x59-27	1905974.21	462401.95	100	164.22
24x59-28	1905976.58	462404.70	100	109.28
24x59-29	1905977.76	462476.81	100	47.40
24x59-30	1905977.90	462467.73	100	15.67
24x59-31	1905979.42	462441.28	100	7.17
24x59-32	1905980.12	462424.01	100	45.62
24x59-33	1905982.09	462442.92	100	5.95
24x59-34	1905983.23	462479.37	100	27.49
24x59-35	1905984.46	462465.38	100	2058.32
24x59-36	1905985.19	462406.35	100	8.17
24x59-37	1905987.80	462411.36	100	10.26
24x59-38	1905989.18	462482.32	100	47.60
24x59-39	1905990.30	462461.42	100	18.20
24x59-40	1905990.37	462469.32	100	51.37
24x59-41	1905990.52	462422.13	100	8.63
24x59-42	1905991.15	462415.34	100	14.68
24x59-43	1905992.91	462436.60	100	8.42
24x59-44	1905994.70	462483.90	100	50.78
24x59-45	1905995.85	462421.59	100	15.94
24x59-46	1905996.28	462472.08	100	14.48
24x59-47	1905997.85	462442.53	100	55.93
24x59-48	1905998.25	462463.80	100	8.93
24x59-49	1905998.79	462431.38	100	6.30
25x59-1	1905945.45	462596.19	100	9.86
25x59-2	1905974.61	462578.85	100	8.44
25x59-3	1905984.85	462506.75	100	6.58
25x59-4	1905985.24	462565.06	100	9.81
25x59-5	1905993.12	462555.21	100	7.56
25x59-6	1905993.52	462561.91	100	9.93
25x59-7	1905998.64	462546.54	100	8.15
26x59-1	1905902.50	462627.31	100	11.59

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
26x59-2	1905905.26	462651.35	100	5.33
26x59-3	1905908.02	462627.31	100	8.62
26x59-4	1905916.69	462604.46	100	8.44
26x59-5	1905919.45	462615.89	100	6.23
26x59-6	1905925.36	462690.75	100	6.65
26x59-7	1905930.48	462694.69	100	19.70
26x59-8	1905932.84	462669.08	100	18.67
26x59-9	1905938.36	462672.23	100	8.21
26x59-10	1905966.33	462602.89	100	6.14
26x59-11	1905981.70	462632.44	100	9.75
26x59-12	1905987.21	462638.74	100	6.91
26x59-13	1905987.61	462627.31	100	7.59
26x59-14	1905990.37	462641.10	100	8.78
26x59-15	1905993.12	462621.80	100	5.57
26x59-16	1905993.12	462634.80	100	8.28
26x59-17	1905995.72	462623.18	100	5.06
27x59-1	1905903.29	462725.03	100	6.35
27x59-2	1905906.96	462750.19	100	10.02
27x59-3	1905909.60	462767.18	100	5.82
27x59-4	1905910.95	462751.48	100	6.32
27x59-5	1905914.32	462763.24	100	6.79
27x59-6	1905924.17	462714.39	100	7.77
27x59-7	1905929.30	462713.21	100	10.26
27x59-8	1905934.02	462725.42	100	6.12
27x59-9	1905958.85	462748.67	100	11.99
27x59-10	1905976.97	462752.21	100	11.64
27x59-11	1905988.79	462752.21	100	5.32
28x59-1	1905902.90	462818.01	100	46.08
28x59-2	1905909.60	462806.19	100	17.64
28x59-3	1905963.18	462891.29	100	8.93
28x59-4	1905966.73	462895.63	100	5.70
29x57-1	1905708.26	462913.36	100	12.94
29x57-2	1905747.27	462998.86	100	84.16
29x57-3	1905747.49	462984.16	100	24.43
30x57-1	1905712.20	463023.28	100	8.43
30x59-1	1905910.78	463014.22	100	13.24
30x59-2	1905917.87	463004.77	100	5.87
30x59-3	1905919.45	463039.83	100	11.37
30x59-4	1905922.99	463000.83	100	24.83
30x59-5	1905978.55	463088.29	100	15.34
30x59-6	1905985.21	463000.37	100	12.07

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
31x57-1	1905705.90	463141.09	100	14.12
31x57-2	1905709.44	463143.85	100	18.72
31x57-3	1905712.60	463147.39	100	8.89
31x57-4	1905718.11	463152.52	100	6.26
31x57-5	1905726.39	463158.82	100	8.76
31x57-6	1905731.90	463164.34	100	22.24
31x57-7	1905735.05	463119.42	100	51.66
31x57-8	1905735.84	463167.49	100	35.56
31x57-9	1905738.21	463170.64	100	47.05
31x57-10	1905740.57	463113.90	100	46.50
31x57-11	1905743.72	463176.55	100	71.37
31x57-12	1905748.06	463178.91	100	39.78
31x57-13	1905756.72	463187.58	100	781.57
31x57-14	1905766.18	463192.70	100	20.57
31x57-15	1905769.73	463197.04	100	31.09
31x57-16	1905772.88	463200.19	100	17.08
31x57-17	1905797.31	463165.52	100	31.61
31x59-1	1905921.81	463161.18	100	5.23
32x57-1	1905776.05	463202.26	100	9.78
32x57-2	1905781.15	463205.71	100	12.12
32x57-3	1905786.68	463211.53	100	7.13
32x57-4	1905792.89	463216.28	100	23.33
32x57-5	1905796.91	463219.89	100	30.40
32x57-6	1905799.28	463222.25	100	18.56
32x59-1	1905902.50	463233.68	100	4.96
32x59-2	1905903.69	463240.77	100	5.50
32x59-3	1905914.72	463228.56	100	6.99
32x59-4	1905914.72	463234.47	100	5.11
32x59-5	1905941.34	463259.11	100	7.41
32x59-6	1905944.25	463280.59	100	109.52
32x59-7	1905966.73	463252.20	100	6.14
32x59-8	1905970.67	463289.63	100	4.98
19x62-1	1906252.38	461996.91	100	340.98
19x62-2	1906260.88	461994.24	100	53.93
19x62-3	1906268.92	461986.28	100	257.28
19x62-4	1906280.74	461976.03	100	819.56
19x62-5	1906281.14	461978.79	100	1006.68
19x62-6	1906285.47	461977.21	100	908.56
19x62-7	1906290.20	461970.91	100	5.96
19x62-8	1906295.45	461964.91	100	463.51
20x61-1	1906155.41	462099.09	100	5.20

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
20x61-2	1906159.00	462096.60	100	6.69
20x61-3	1906162.94	462094.63	100	7.43
20x61-4	1906170.97	462090.04	100	5.14
20x61-5	1906174.76	462087.14	100	6.90
20x61-6	1906179.55	462074.84	100	6.34
20x61-7	1906183.03	462073.74	100	24.51
20x61-8	1906185.51	462078.38	100	5.63
20x61-9	1906191.31	462053.65	100	9.87
20x61-10	1906195.25	462066.26	100	6143.85
20x61-11	1906196.03	462074.14	100	444.19
20x62-1	1906213.95	462070.24	100	9.00
20x62-2	1906222.83	462060.35	100	5.72
20x62-3	1906237.29	462056.12	100	5.20
20x62-4	1906240.16	462070.59	100	5.72
20x62-5	1906240.56	462097.78	100	6.09
20x62-6	1906247.25	462029.62	100	5.17
20x62-7	1906249.62	462093.05	100	45.65
20x62-8	1906256.32	462063.11	100	19.09
20x62-9	1906256.33	462078.72	100	5.33
20x62-10	1906256.71	462025.28	100	7.21
20x62-11	1906258.68	462069.02	100	29.31
20x62-12	1906260.51	462082.53	100	14.67
20x62-13	1906260.87	462099.60	100	14.58
20x62-14	1906261.00	462076.88	100	39.90
20x62-15	1906263.01	462063.89	100	28.75
20x62-16	1906265.30	462082.53	100	7.55
20x62-17	1906266.17	462076.50	100	27.45
20x62-18	1906268.14	462095.41	100	7.77
20x62-19	1906268.49	462067.42	100	48.55
20x62-20	1906268.49	462071.96	100	39.31
20x62-21	1906270.50	462044.19	100	7.02
20x62-22	1906273.26	462057.98	100	10948.62
20x62-23	1906274.05	462076.90	100	22.25
20x62-24	1906274.05	462083.99	100	5.91
20x62-25	1906276.41	462087.53	100	5.35
20x62-26	1906276.80	462071.77	100	7.21
20x62-27	1906279.17	462024.49	100	5.35
20x62-28	1906281.63	462068.03	100	6.79
20x62-29	1906281.93	462075.71	100	7.77
20x62-30	1906281.93	462079.65	100	6.28
20x62-31	1906284.29	462059.56	100	14.26

TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
20x62-32	1906284.33	462064.96	100	9.12
20x62-33	1906286.87	462061.55	100	16.53
20x62-34	1906289.02	462069.80	100	5.91
20x62-35	1906291.46	462072.21	100	6.54
20x62-36	1906291.78	462065.47	100	7.58
20x62-37	1906294.28	462070.61	100	6.00
20x62-38	1906296.90	462045.38	100	11.85
20x62-39	1906297.11	462076.63	100	9.11
20x62-40	1906297.35	462080.56	100	6.50
20x62-41	1906299.66	462050.89	100	9.07
20x62-42	1906300.05	462072.96	100	12.22
21x61-1	1906101.28	462179.52	100	40.02
21x61-2	1906106.20	462153.33	100	5.21
21x61-3	1906110.54	462128.51	100	7.15
21x61-4	1906123.93	462136.39	100	21.85
21x61-5	1906126.30	462194.70	100	8.78
21x61-6	1906132.07	462118.59	100	5.52
21x61-7	1906134.18	462176.97	100	8.10
21x61-8	1906134.96	462167.91	100	5.90
21x61-9	1906143.24	462182.09	100	414.40
21x61-10	1906145.60	462175.40	100	10.24
21x61-11	1906148.36	462152.94	100	25.88
21x61-12	1906151.12	462162.00	100	82.48
21x61-13	1906152.69	462166.33	100	58.68
21x61-14	1906155.85	462143.48	100	8.85
21x61-15	1906161.36	462157.67	100	20.63
21x61-16	1906162.83	462161.36	100	5.54
21x61-17	1906162.94	462145.06	100	8.76
21x61-18	1906163.33	462167.91	100	22.09
21x61-19	1906166.09	462173.03	100	17.13
21x61-20	1906166.18	462158.20	100	8.31
21x61-21	1906168.06	462143.88	100	7.28
21x61-22	1906168.06	462163.97	100	619.41
21x61-23	1906170.82	462180.12	100	17.09
21x61-24	1906172.79	462137.18	100	25.57
21x61-25	1906173.18	462160.03	100	621.97
21x61-26	1906175.66	462146.11	100	36.67
21x61-27	1906176.96	462136.17	100	5.24
21x61-28	1906177.52	462141.51	100	67.33
21x61-29	1906177.91	462156.48	100	690.91
21x61-30	1906182.64	462152.94	100	643.50

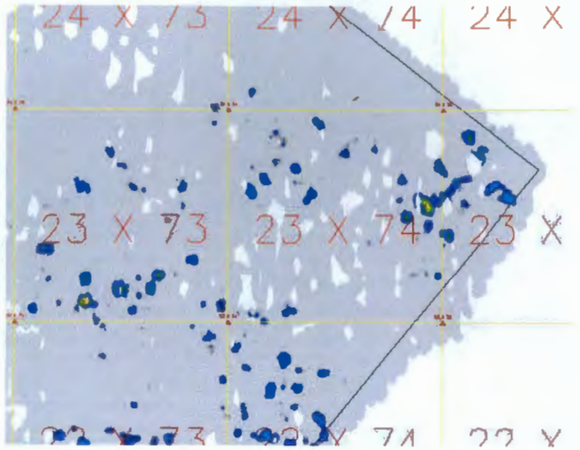
TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
21x61-31	1906182.91	462158.48	100	5.94
21x61-32	1906183.43	462138.75	100	14.61
21x61-33	1906187.76	462149.79	100	519.71
21x61-34	1906192.49	462145.85	100	573.23
21x61-35	1906196.82	462142.30	100	612.74
21x62-1	1906201.55	462138.75	100	637.51
21x62-2	1906206.67	462172.24	100	433.40
21x62-3	1906207.07	462135.60	100	494.74
21x62-4	1906211.79	462132.06	100	1051.35
21x62-5	1906247.25	462104.08	100	8.60
21x62-6	1906247.25	462108.42	100	18.36
21x62-7	1906250.80	462148.21	100	5.95
21x62-8	1906258.29	462171.06	100	8.15
21x62-9	1906258.48	462103.52	100	7.92
21x62-10	1906259.82	462126.05	100	5.66
21x62-11	1906259.86	462191.55	100	591.12
21x62-12	1906261.79	462176.69	100	10.30
21x62-13	1906263.01	462134.81	100	8.40
21x62-14	1906264.98	462180.12	100	5.39
21x62-15	1906266.17	462112.75	100	15.24
21x62-16	1906269.32	462187.22	100	8.17
21x62-17	1906270.88	462142.17	100	6.19
21x62-18	1906273.65	462120.24	100	42.14
21x62-19	1906274.05	462125.75	100	6.21
21x62-20	1906276.41	462154.91	100	17.07
21x62-21	1906281.14	462191.55	100	28.98
21x62-22	1906282.32	462144.66	100	57.77
21x62-23	1906285.47	462188.00	100	28.03
21x62-24	1906294.53	462103.29	100	83.29
21x62-25	1906294.93	462105.66	100	108.20
22x62-1	1906235.07	462235.91	100	5.65
22x62-2	1906247.65	462227.01	100	606.09
22x62-3	1906281.93	462205.73	100	161.80
23x62-1	1906201.55	462396.82	100	1119.34
23x62-2	1906203.52	462383.82	100	1593.09
23x62-3	1906211.47	462378.76	100	7.09
23x62-4	1906216.70	462397.27	100	5.12
23x62-5	1906220.46	462388.16	100	5.22
23x62-6	1906222.43	462373.97	100	5.07
23x62-7	1906226.37	462324.72	100	21.22
23x62-8	1906228.74	462361.76	100	7.37

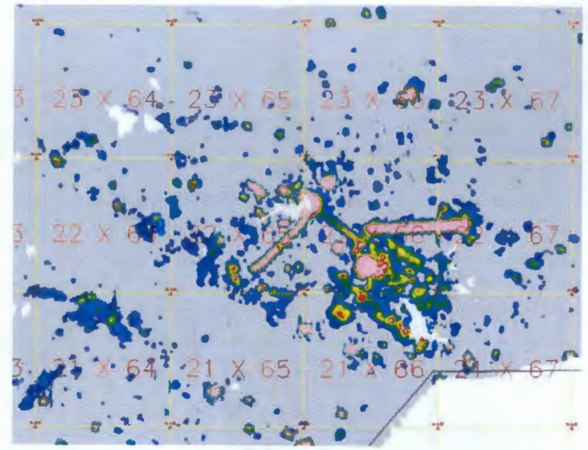
TABLE II. Anomaly List with CH2 Response from EM61MKII Data

GPS_Anom-ID	X_StPln_ft	Y_StPln_ft	Z_Est_ft	CH2_Resp_mv
23x62-9	1906230.71	462325.12	100	25.51
23x62-10	1906235.43	462359.79	100	15.26
23x62-11	1906239.77	462360.97	100	5.33
23x62-12	1906249.96	462381.70	100	164.57
23x62-13	1906252.14	462352.26	100	361.38
23x62-14	1906257.15	462348.01	100	2213.29
23x62-15	1906257.89	462338.51	100	7.84
23x62-16	1906260.75	462346.38	100	2206.61
23x62-17	1906265.00	462334.93	100	11.57
23x62-18	1906270.11	462333.00	100	19.29
23x62-19	1906273.18	462337.54	100	5.77
23x62-20	1906277.59	462330.63	100	5.95
23x62-21	1906278.38	462366.88	100	11.50
23x62-22	1906278.63	462323.37	100	18.65
23x62-23	1906290.59	462321.96	100	6.95

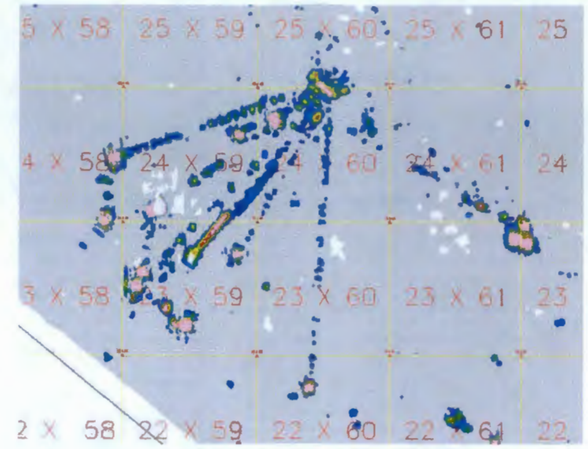
APPENDIX E. ZOOMED IN PORTIONS OF SITE-WIDE DGM MAP



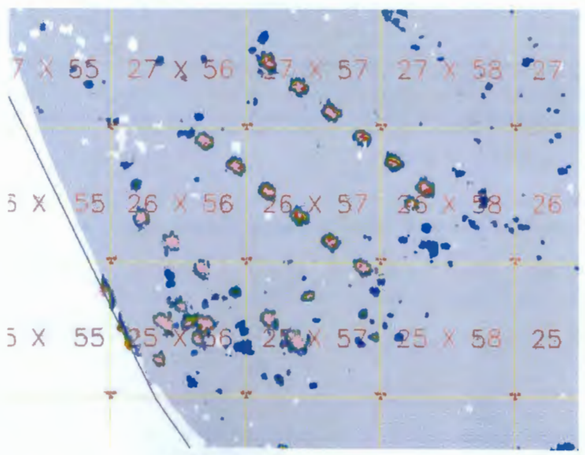
1. Lightly-cluttered areas predominant near the far eastern border of the site (in the vicinity of grid 23x74)



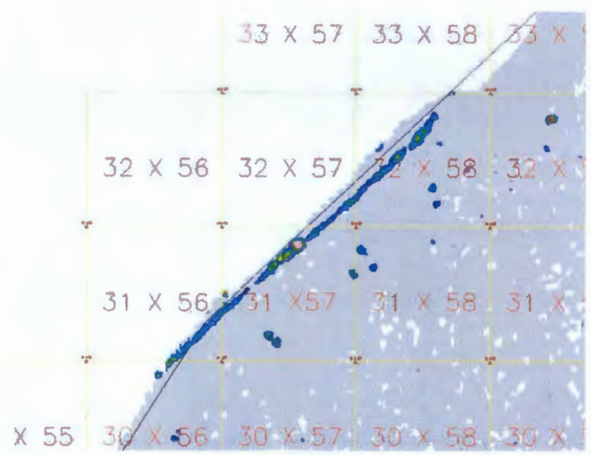
2. Highly-cluttered areas with probable utilities are prominent near the south-central portion of the site (in the vicinity of grids 22x65, 22x66, 21x65, 21x66)



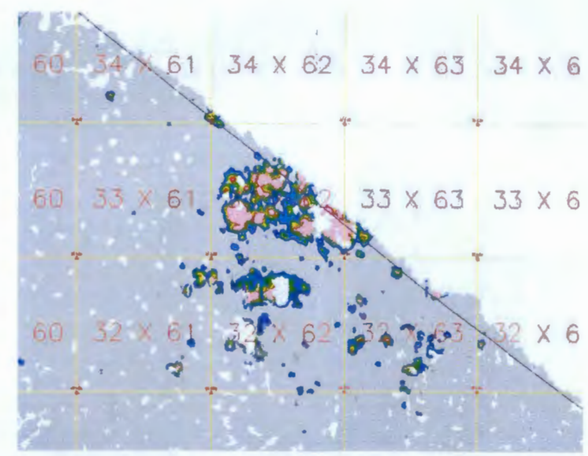
3. Highly cluttered linear-dispersions of anomalies, originating in the south-west portion of the site (in the vicinity of grid 24x60) trend in three, approximately, south-westerly directions



4. Linear-trending large anomalous features occur in the west-central portion of the site (in the vicinity of grids 5x56, 26x57, 26x58), all trending from south-east to north-west



5. A linear-trending thin anomalous feature occurs long the west-northwest central boundary of the site (in the vicinity of grids 31x56, 32x57, 32x58), trending from southwest to northeast



6. An extremely cluttered area, with possible trenches/dumps, occurs near the north-central portion of the site (in the vicinity of grids 32x62, 32x63, and 33x63)

APPENDIX F. DVD CONTAINING DELIVERABLES

FINAL
REPORT

For the

Summary of Digital Geophysical Mapping (DGM) Verification Activities at the Former Army Pistol Range, Site 600-149, Within the Confines of the Hanford Department of Energy (DOE) Facility, Near Richland, WA

Prepared for:

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Initial TERRANEARPMC Contract Agreement #: PE-10-001
Subsequent ARM GEOPHYSICS Subcontract Agreement #: ARM11950

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REVISION 1
MAY 2011

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1.0 INTRODUCTION

1.1 PROJECT AUTHORIZATION

1.1.1 ARM Geophysics (ARM) was awarded subcontract # ARM11950 under Terranear PMC's (TPMC) Contract # PE-10-001 on November 5th, 2010 to conduct Digital Geophysical Mapping (DGM) activities at the Former Army Pistol Range 600-149, within the confines of the Hanford Department of Energy (DOE) Facility, near Richland, WA.

This original phase of work was carried out during November and December of 2010 and a final report prepared and submitted. Subsequently, intrusive investigations, including sifting, were performed by TPMC on the targets identified by during DGM activities.

1.1.2 Under a modification of the original work order, ARM was contracted to undertake DGM verification surveys of a percentage of the grids originally covered. The DGM verification surveys primarily included grids that were found during the original surveys and subsequent intrusive activities to contain either items of interest or high densities of anomalous responses.

1.2 PURPOSE AND SCOPE

1.2.1 The purpose of this DGM Verification Report is to serve as a summary of the field activities and data processing conducted in producing the digsheets and accompanying maps for each verification grid.

1.2.2 The DGM verification survey activities consisted of re-mapping the accessible portions of 60 grids and an additional buffer zone surrounding a suspected burn pit in the north of the site; approximately 12 acres within the Area of Concern (AOC). All surveying was conducted utilizing the current industry standard sensor, the Geonics EM61 MKII, in conjunction with a Leica Differential Global Positioning System (DGPS) unit. The DGM verification activities (collection, processing, and analysis) were conducted during March of 2011.

1.2.3 The overall purpose of the project was to locate Unexploded Ordnance (UXO) remaining from the historic use of the site as a small arms training range. More specifically, the purpose of the DGM verification surveys was to determine whether any items of interest remained in grids following the previous mapping and intrusive investigation efforts.

1.3 SITE DESCRIPTION

1.3.1 Location

1.3.1.1 The Area of Concern (AOC) is within the Hanford Small Arms Range Site 600-149, on the Hanford Site in southeastern Washington. The Small Arms Range is located approximately 2 miles southwest of the Columbia River, on a plateau adjacent to the northern edge of Gable Mountain, which forms a natural backstop for the firing range. The total area of the original DGM investigation was approximately 47 acres, in the eastern portion of the area, of which, approximately 12 acres (exclusive of obstacles) was re-surveyed following intrusive investigation.

1.3.2 Topography & Vegetation

1.3.2.1 The topography of the area is relatively flat with elevation changes only near the boundaries, particularly towards the NW corner. Shrubs and sagebrush were the dominant vegetation in the area. As with the original surveys, there were restrictions on vegetation alteration or removal, such that only the areas that could be adequately and safely surveyed were completed, with residual areas circumnavigated. However, as can be seen from a comparison of the original and the verification maps (see Appendix D), some areas had a greater coverage than before due to vegetation removal/flattening associated with the intrusive investigations completed by TPMC.

2.0 DGM METHODOLOGIES, PROCEDURES, AND RESULTS

During the weekend of March 5 and 6, ARM mobilized two qualified geophysical personnel to the Richland, WA, area to complete the following activities, which commenced on March 7, 2011:

1. Hanford Site-Specific Training & Badging (one operator had previously undertaken badging/training during the original phase of operations);
2. Setup and testing of Geophysical and Positioning Equipment;
3. Quality Control DGM Survey Activities; and
4. Production DGM Survey Activities.

2.1 HANFORD SITE-SPECIFIC TRAINING & BADGING

During the first day entering the Hanford DOE Facility and prior to conducting any field activities, site specific training and badging requirements were completed by the ARM operator who had not previously been onsite, as required by Hanford as a precursor to working on site. During this time, the ARM operator who had previously undertaken the badging and training proceeded to setup and test the equipment and confirm the location of the control points.

2.2 QUALITY CONTROL (QC) DGM SURVEY ACTIVITIES

In order to monitor data quality and instrument performance and to confirm that instrumentation responded within the same ranges as during the original survey, site-specific quality control (QC), tests were completed on a daily basis to document that the "system" (equipment, operators, and procedures) met established criteria. Following equipment warm-up (which ranged from 5-15 minutes, depending on the daily temperature), the following QC tests were conducted at their specified frequencies and within their specified tolerances:

1. GPS Position Test
2. Personnel Test
3. Cable Shake Test
4. Static Background / Static Spike Response Tests
5. Instrument Verification Strip (IVS) Test
6. Lag Test
7. Repeat Data Test

2.2.1 **GPS Position Test:** Once daily, first thing in the morning usually while the Equipment Warm-up was being conducted, the GPS unit was tested over a known point (Control Point 2). The tolerance for this test was for reading to be within 6 inches (~15cm); no position checks fell outside of the tolerances.

2.2.2 **Personnel Test:** Following equipment warm-up, the operators were tested to ensure that there was no interference from any metal carried about their person. This test was carried out as part of the AM Static Test and was monitored both in the field and during processing. No personnel tests were outside of specifications.

2.2.3 **Cable Shake Test:** Each morning, after the Personnel test was complete, the equipment was tested for response changes or signal dropouts that may indicate a shorting or broken cable or connection by shaking all of the cables. The cable shake test formed the second line of the AM Static Test file and was monitored both in the field and during processing. No cable shake tests were outside of specifications.

2.2.4 **Static Background / Static Spike Response Tests:** The static background and static spike response tests required the operators to first collect three minutes of background data in an area free of metallic response, then place a known test item at a repeatable location relative to the coil, recording for one minute, and then removing the item to collect an additional minute of background data. These tests were conducted twice daily – once before collection of any production data (AM test) and once after collection of all the day's production data (PM test). All of the tests were considered passes; on 3/08 and 3/10, the PM tests were conducted in very windy conditions, resulting in relative movement between the test item and the coil, which introduced noise into the spike lines. However, as could be seen by the bracketing static lines, the response of the coil itself was normal and the mean spike response in both cases was as expected (in relation to the AM spike for 3/08 and in relation to all other values for 3/10). After the first day's QC tests, the latency test item had been changed as the response was too strong, resulting in a different spike item for the static-spike tests for all tests after 3/08.

All static responses were within the allowable +/- 2.5mV (Ch3), as were all spike responses (with the noted and allowable exceptions mentioned above). All mean spike values were consistent across the project, being repeatable within the standard 20%.

2.2.5 **Instrument Verification Strip (IVS) Test:** The IVS Test required the daily collection of data over a portion of the Geophysical Prove-Out (GPO) established for the original phase of operations in 2010. The IVS location consisted of a strip of five items in the exact same line-path and was surveyed repeatedly in order to demonstrate that, under a controlled setting, the calculated positions and responses of the seeds were within project tolerances. The results were all within the tolerances for positioning offset and amplitude response metrics for the kinematic data collection, both internally within this phase of operations and as compared with the responses of the previous phase of operations completed in 2010. This demonstrated that the recorded EM responses were directly comparable with the previously collected data, ensuring that the same items would be detected to the same depths.

2.2.6 **Lag Test:** The two-line (lag) test was completed daily by the operator collecting data back and forth across a metallic test item to determine the correction required to

accurately account for the delay between the EM instrument passing over a metallic item and the item's response being written to file. Lag corrections were 3 to 3.5 fids.

2.2.7 **Repeat Data Test:** In addition to the IVS Test (which was evaluated quantitatively), a qualitative test in the form of a 2% repeat collection of data was conducted daily in the production area. This repeat data test was completed to verify that responses were repeatable. The repeat data were viewed in map form, overlain on the original data, and reviewed for discrepancies. No major discrepancies were observed during the review process.

2.2.8 **Quality Assurance (QA) Sampling Metrics:** In addition to evaluating the specific QC tests noted above (items 1 through 7), two QA checks of the production data were also required to be monitored. First, down-line sampling distance (the distance between adjacent data points) are required to have 98% of the readings to be less than 0.7 feet apart and with no down-line gaps greater than 2 feet without adequate documentation. Second, cross-line sampling (distance between data points on adjacent lines) must have 98% coverage within a grid with an effective instrument swath of 1.2 meters (~3.9ft; coil width +/- 20%, accounting for positional variance due to tilt or other standard effects). Both of the quoted percentage metrics were required of the data, exclusive of gaps (vegetation, terrain, or other) and are further detailed in the Work Plan. All data were assessed both in profile and map form and met these QA metrics. Due to a change in the processing software version, the sample separation maps, while still identifying data with separations greater than that specified, do not display the amount of out-of-specification data as a percentage. However, all data were assessed in profile mode in addition to map mode and at no point approached a level of 2% outside of metric for any dataset.

2.2.9 **Example QC Test Images:** Example images of each of the seven introduced quality control (QC) tests and two quality assurance (QA) tests are displayed in Appendix B.

2.3 PRODUCTION DGM SURVEY ACTIVITIES

Between the morning and afternoon QC tests, all production verification data collection for the day was performed. DGM verification survey activities began on March 8th and continued until March 21st with the completion of all directed grid re-surveys and an additional data collection event surrounding a suspected burn-pit to assess whether the response of the pit continued beyond the project area boundary.

2.3.1 As noted above, the topography of the area was relatively flat with numerous sage brush patches that could not be removed or altered. Within each grid, the DGM team covered all traversable area. At the end of each day, the team communicated their progress with the data processor and the site management. After returning to their hotel, the data were downloaded and then transferred via email and FTP to the ARM processing geophysicist.

2.3.2 After the data were downloaded from the FTP site, file conversions and imports began with the analysis of all of the QC/QA data prior to the processing of the production data in order to ensure there were no 'large scale' data quality issues that might require re-collection of the entire day's effort. Production data were then converted, imported, and preliminarily processed using industry-standard drift correction filters and the positional

adjustments (lag corrections) determined from the QC tests. The data were then evaluated for data gaps, exclusive of those associated with terrain or vegetation features, with the location of any identified gaps issued to the field team for in-fill collection. The files were then exported, headers were added, and the internal project QC tracking spreadsheet was updated, which completed the preliminary processing stage.

2.3.3 After the pre-processing, the data files associated with each grid were combined (if necessary – most grids consisted of a single file to facilitate efficient processing), all channels were gridded, a map was made and the grids of Channel 2 were interpreted one-by-one, following any overlap removal or other adjustments that may have been required during the final processing stage. These interpretations consisted of the use of an automated picking routine in Geosoft's UX-Detect module, followed by a manual review of the selected locations based on the 5mV threshold established during the original data collection in 2010. Target locations were moved or deleted as required where the auto-pick had mis-placed, double-picked or placed a pick on an obvious 'coil-bump' or similar non-target, and additional targets were selected, at the interpreters' discretion. At this time, the targets were then plotted on the grid map and all associated image and ASCII deliverables files were exported and the dig-sheet was created for each grid on an as–completed basis. The map image and digsheets were emailed to site personnel and were, in turn, utilized by on-site TPMC representatives to reacquire and intrusively investigate the identified anomalies. An example grid of the deliverables provided to on-site TPMC representatives is provided in Appendix B for reference.

3.0 RESULTS SUMMARY

3.1 SITE-WIDE DGM SUMMARY

Approximately 12 acres of DGM verification data, exclusive of vegetation and other obstacles, was collected by ARM personnel, utilizing a DGPS positioned EM61-MKII sensor. The progression of data collection events resulted in a site-wide map (see Appendix C) and an Oasis Montaj exported geo-referenced GIS layer (GeoTiff format, provided on accompanying DVD) for reference. From a comparison of the original and the current site-wide maps, the following items are of note:

1. With the exception of grids 21x66 and 22x66, which remain highly responsive (and have spread out somewhat), the overall impression given by the comparison between the original and the verification data is that the amount of anomalous response in the area has been greatly reduced;

2. Where regions of response remain, the response is generally lighter or more fragmentary, implying that remaining anomalies, particularly those in locations where there was not a previous pick, may be due to broken-up sections of original anomalies disturbed during the intrusive process. The exceptions to this are areas noted as being either piles of concrete or exclusion zones which were not present during the original surveys;

3. The areas of high response in grids 21x66 and 22x66 retain their approximate outline (though somewhat more spread out) and internal features from the original surveys.

4. The data collected as a buffer around the suspected burn pit in the vicinity of grid 33x62 indicated that the response attributed to the burn pit does not extend significantly (less than 20 feet) outside of the project boundaries.

3.2 SITE-WIDE INTERPRETATION SUMMARY

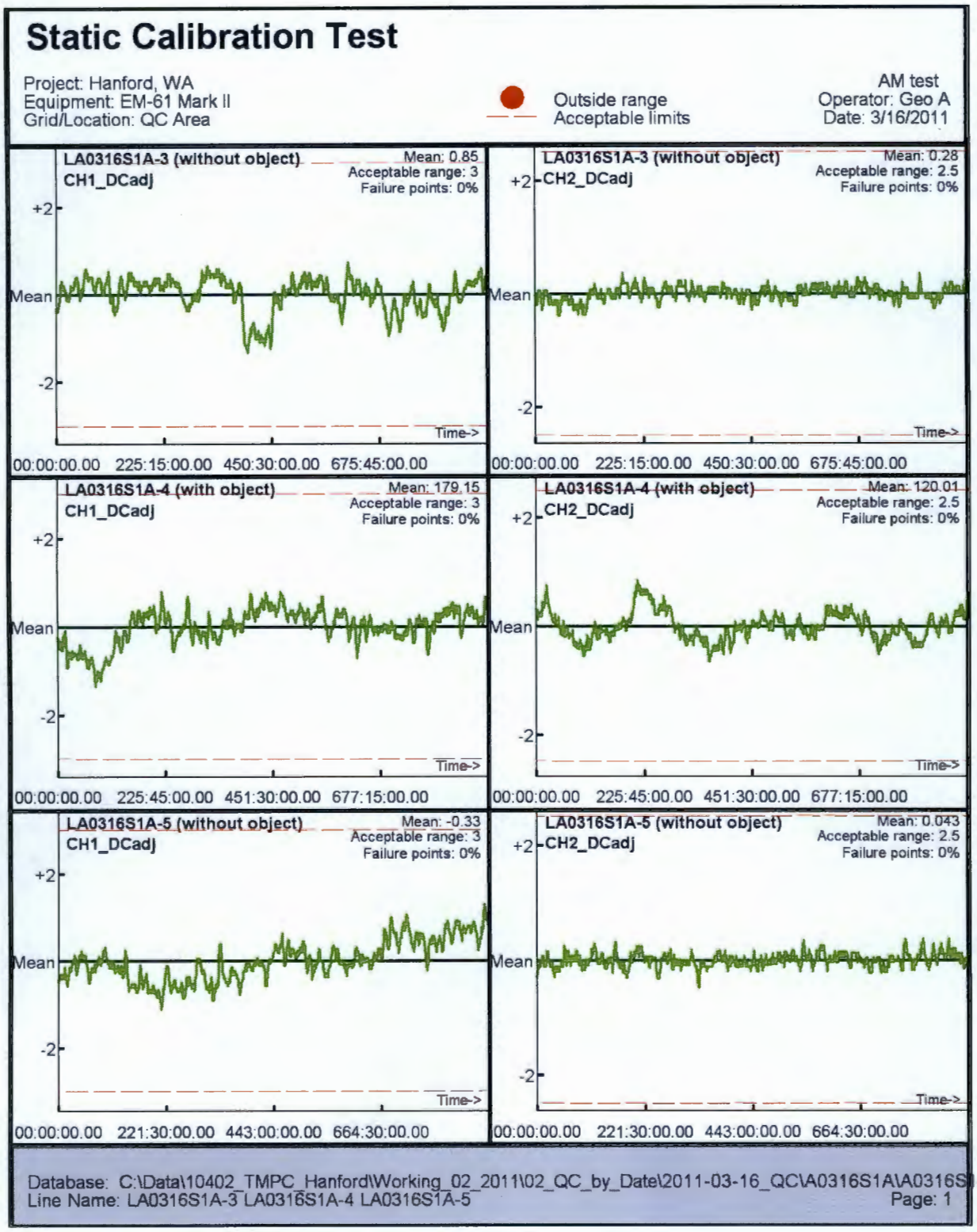
Using the threshold value of 5 mV on Channel 2, established during the original survey phase in 2010, 1130 anomalies (exclusive of the additional buffer zone surveyed in the area of 33x62) were identified across the 12 acres of DGM verification. As with the original surveys, a number of the grids contained terrain changes (drop-offs, rocks jutting out of the surface and/or bouldering on the surface) or heavily vegetated features which had the potential to induce occasional false-positives in the data if bumped or, in the case of vegetation, contacted when damp from rain. At the time of data collection and review, the primary objective was to maximize the removal of ordnance hazards with the secondary objective to minimize false-positives as much as possible.

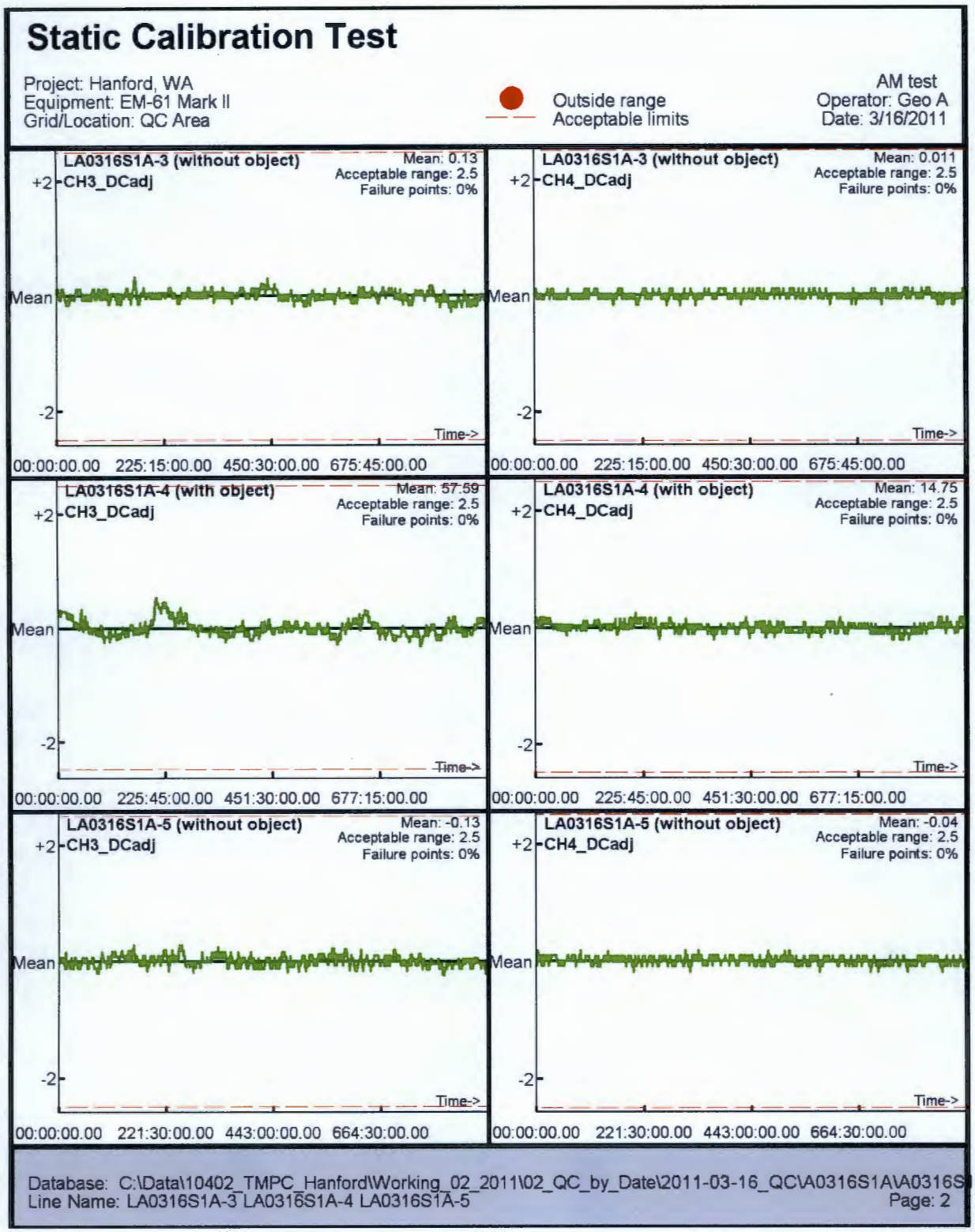
Targets were separated into two classes: Class 1 consisted of those targets which were coincident with the location of a pick from the original survey phase and Class 2, which were targets in a location not coincident with a previous pick. Original picks were noted on the verification grid maps by red symbols and numbers to differentiate them from the verification picks (see example map in Appendix B). An exception to this classification scheme was made for grids 21x66 and

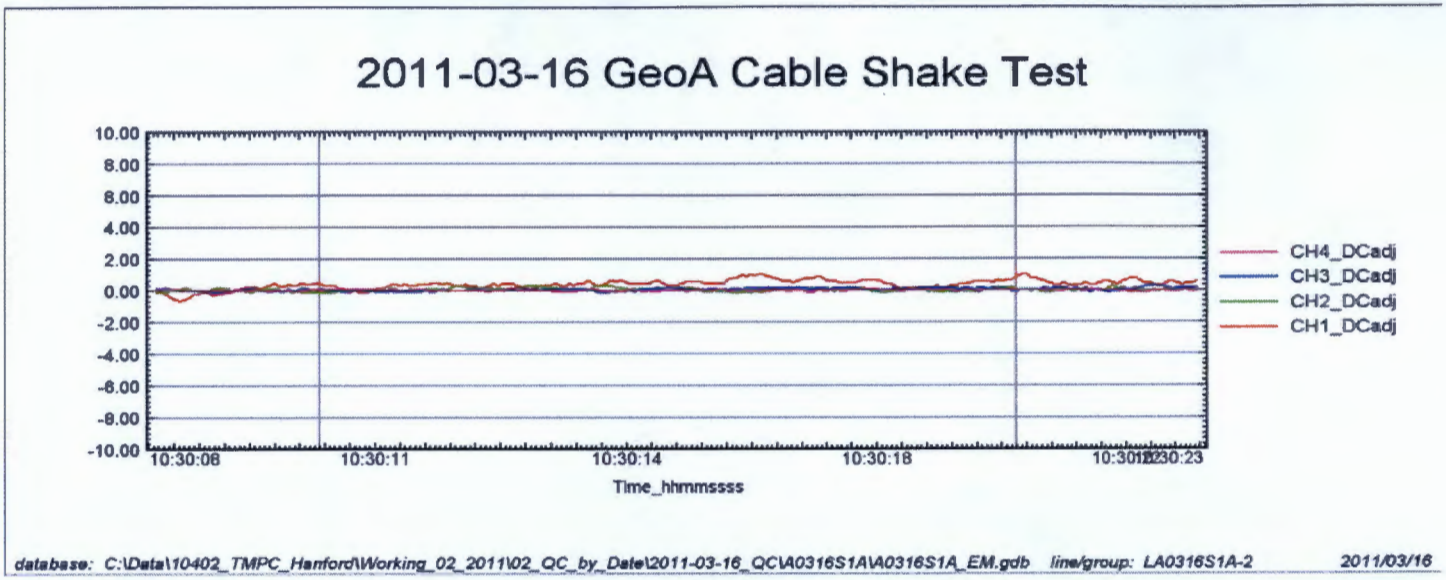
22x66. In these grids, a large amount of concentrated response remained after sifting, with the anomalies concentrated such that the responses 'bled' into one another, meaning that potential targets may be masked by the response of adjacent anomalies. As can be seen from the comparison maps in Appendix D, this region of response is more spread out than in the original data.

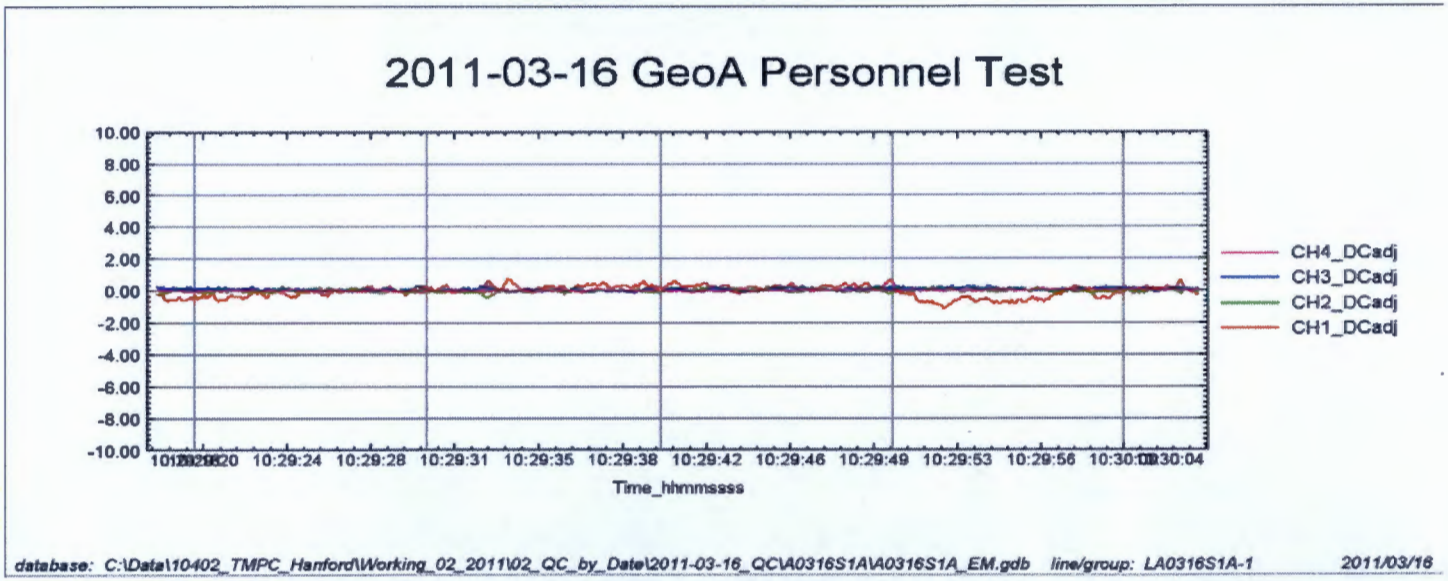
To minimize the potential of missing anomalies during intrusive operations, these areas were surrounded with polygons in which it was recommended 'Mag & Dig' operations be carried out. The inflection points of these polygons (see example map in Appendix B) were listed in the digsheets to facilitate staking out of the areas in the field. In addition to the polygons, however, individual picks were also made on the prominent grid peaks within the areas of dense response, with the note that these may not represent the entirety of individual point anomalies due to the effect of anomaly bleed mentioned above. The individual picks in these two grids were classed into "outside" the mag & dig polygons and "inside" the mag & dig polygons, with Class 1 representing the "outside" picks and Class 2, the "inside" picks. Some linear features remained within the data and were marked as such on the maps for investigation with care.

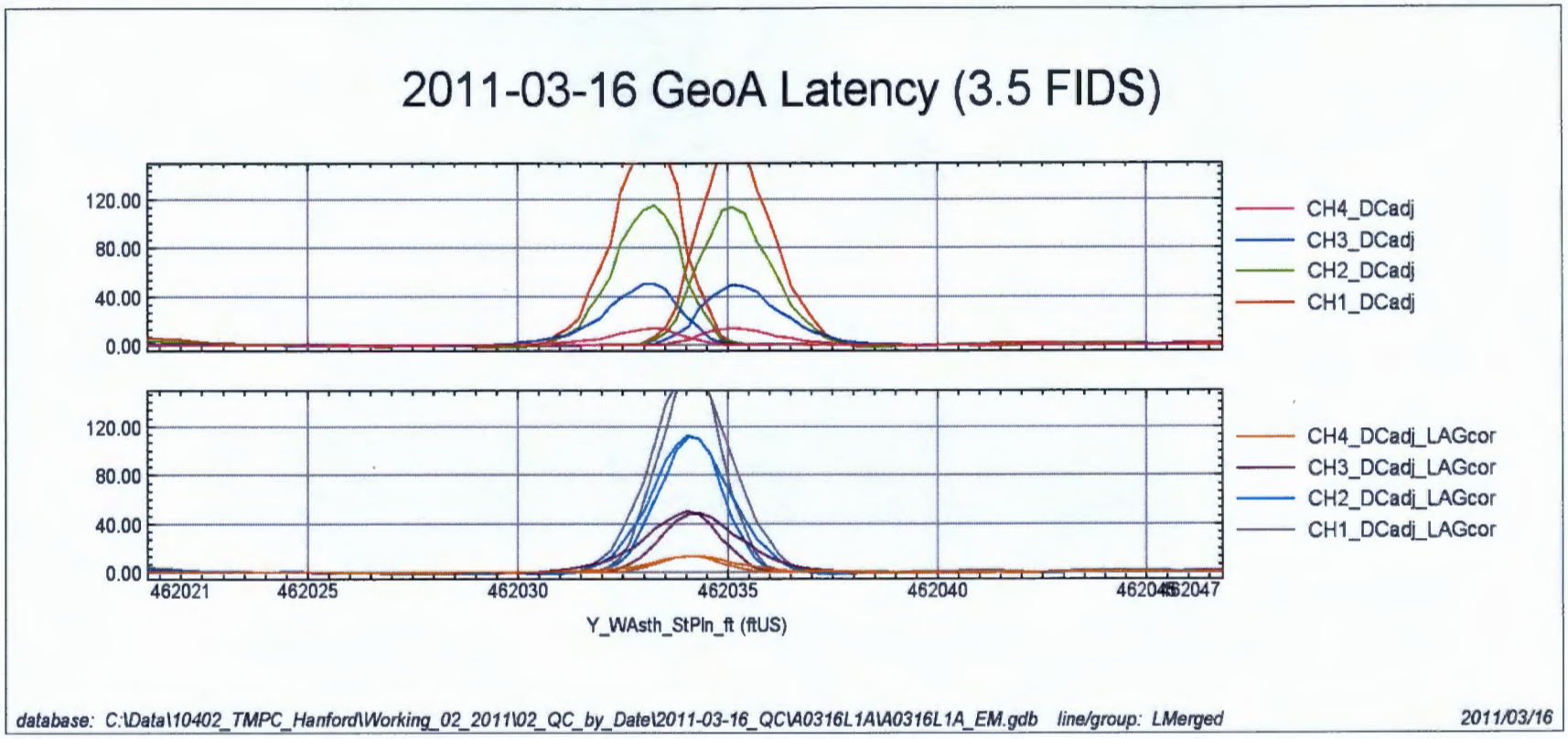
APPENDIX A. EXAMPLE QC/QA METRICS IMAGE FILES


Static Calibration Test
Project: Hanford, WA
Equipment: EM-61 Mark II
Grid/Location: QC Area
Outside range
Acceptable limits
AM test
Operator: Geo A
Date: 3/16/2011
LA0316S1A-3 (without object)
CH1_DCadj
Mean: 0.85
Acceptable range: 3
Failure points: 0%
LA0316S1A-3 (without object)
CH2_DCadj
Mean: 0.28
Acceptable range: 2.5
Failure points: 0%
LA0316S1A-4 (with object)
CH1_DCadj
Mean: 179.15
Acceptable range: 3
Failure points: 0%
LA0316S1A-4 (with object)
CH2_DCadj
Mean: 120.01
Acceptable range: 2.5
Failure points: 0%
LA0316S1A-5 (without object)
CH1_DCadj
Mean: -0.33
Acceptable range: 3
Failure points: 0%
LA0316S1A-5 (without object)
CH2_DCadj
Mean: 0.043
Acceptable range: 2.5
Failure points: 0%
+2
Mean
-2
Time->
00:00:00.00 225:15:00.00 450:30:00.00 675:45:00.00
00:00:00.00 225:45:00.00 451:30:00.00 677:15:00.00
00:00:00.00 221:30:00.00 443:00:00.00 664:30:00.00
Database: C:\Data\10402_TMPC_Hanford\Working_02_2011\02_QC_by_Date\2011-03-16_QC\A0316S1A\A0316S1A_EM.gdb
Line Name: LA0316S1A-3 LA0316S1A-4 LA0316S1A-5
Page: 1

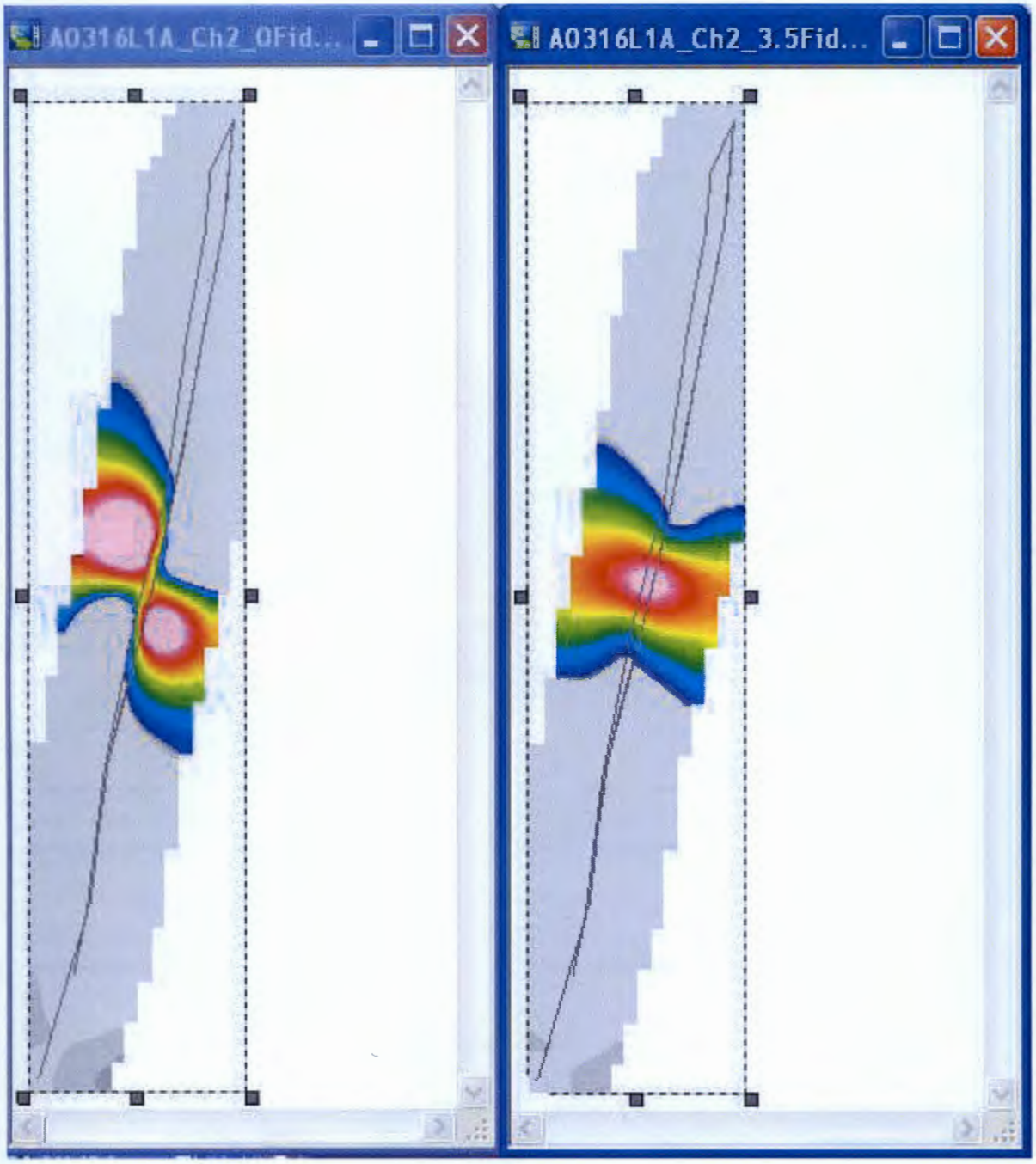

Static Calibration Test
Project: Hanford, WA
Equipment: EM-61 Mark II
Grid/Location: QC Area
Outside range
Acceptable limits
AM test
Operator: Geo A
Date: 3/16/2011
LA0316S1A-3 (without object)
CH3_DCadj
Mean: 0.13
Acceptable range: 2.5
Failure points: 0%
LA0316S1A-3 (without object)
CH4_DCadj
Mean: 0.011
Acceptable range: 2.5
Failure points: 0%
LA0316S1A-4 (with object)
CH3_DCadj
Mean: 57.59
Acceptable range: 2.5
Failure points: 0%
LA0316S1A-4 (with object)
CH4_DCadj
Mean: 14.75
Acceptable range: 2.5
Failure points: 0%
LA0316S1A-5 (without object)
CH3_DCadj
Mean: -0.13
Acceptable range: 2.5
Failure points: 0%
LA0316S1A-5 (without object)
CH4_DCadj
Mean: -0.04
Acceptable range: 2.5
Failure points: 0%
+2
Mean
-2
Time->
00:00:00.00 225:15:00.00 450:30:00.00 675:45:00.00
00:00:00.00 225:45:00.00 451:30:00.00 677:15:00.00
00:00:00.00 221:30:00.00 443:00:00.00 664:30:00.00
Database: C:\Data\10402_TMPC_Hanford\Working_02_2011\02_QC_by_Date\2011-03-16_QC\A0316S1A\A0316S1A_EM.gdb
Line Name: LA0316S1A-3 LA0316S1A-4 LA0316S1A-5
Page: 2


2011-03-16 GeoA Cable Shake Test
10.00
8.00
6.00
4.00
2.00
0.00
-2.00
-4.00
-6.00
-8.00
-10.00
10:30:08
10:30:11
10:30:14
10:30:18
Time_hhmmssss
CH4_DCadj
CH3_DCadj
CH2_DCadj
CH1_DCadj
database: C:\Data\10402_TMPC_Hanford\Working_02_2011\02_QC_by_Date\2011-03-16_QC\A0316S1A\A0316S1A_EM.gdb line/group: LA0316S1A-2
2011/03/16

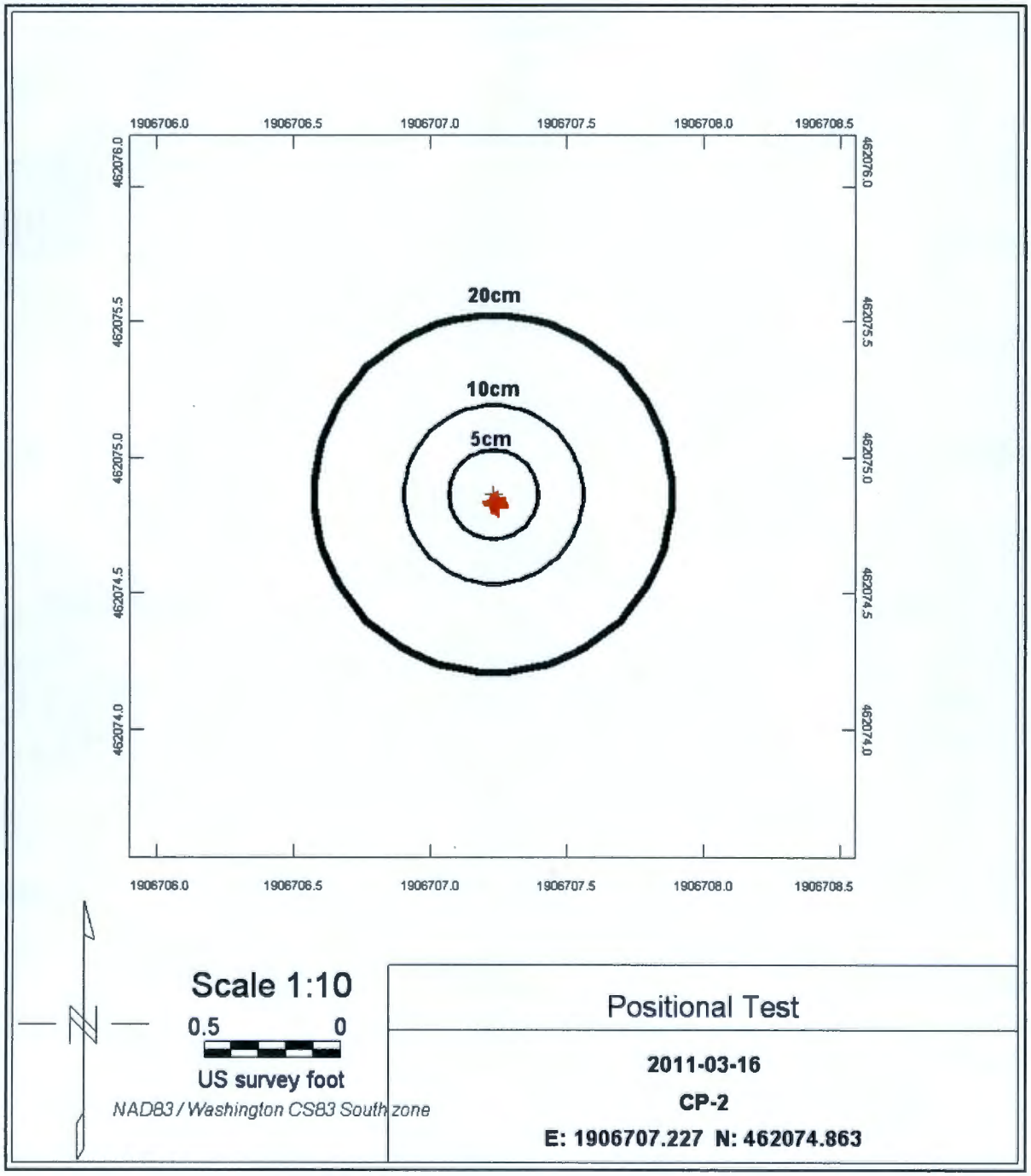

2011-03-16 GeoA Personnel Test
10.00
8.00
6.00
4.00
2.00
0.00
-2.00
-4.00
-6.00
-8.00
-10.00
10:29:24
10:29:28
10:29:31
10:29:35
10:29:38
10:29:42
10:29:46
10:29:49
10:29:53
10:29:56
Time_hhmmssss
CH4_DCadj
CH3_DCadj
CH2_DCadj
CH1_DCadj
database: C:\Data\10402_TMPC_Hanford\Working_02_2011\02_QC_by_Date\2011-03-16_QC\A0316S1A\A0316S1A_EM.gdb line/group: LA0316S1A-1
2011/03/16



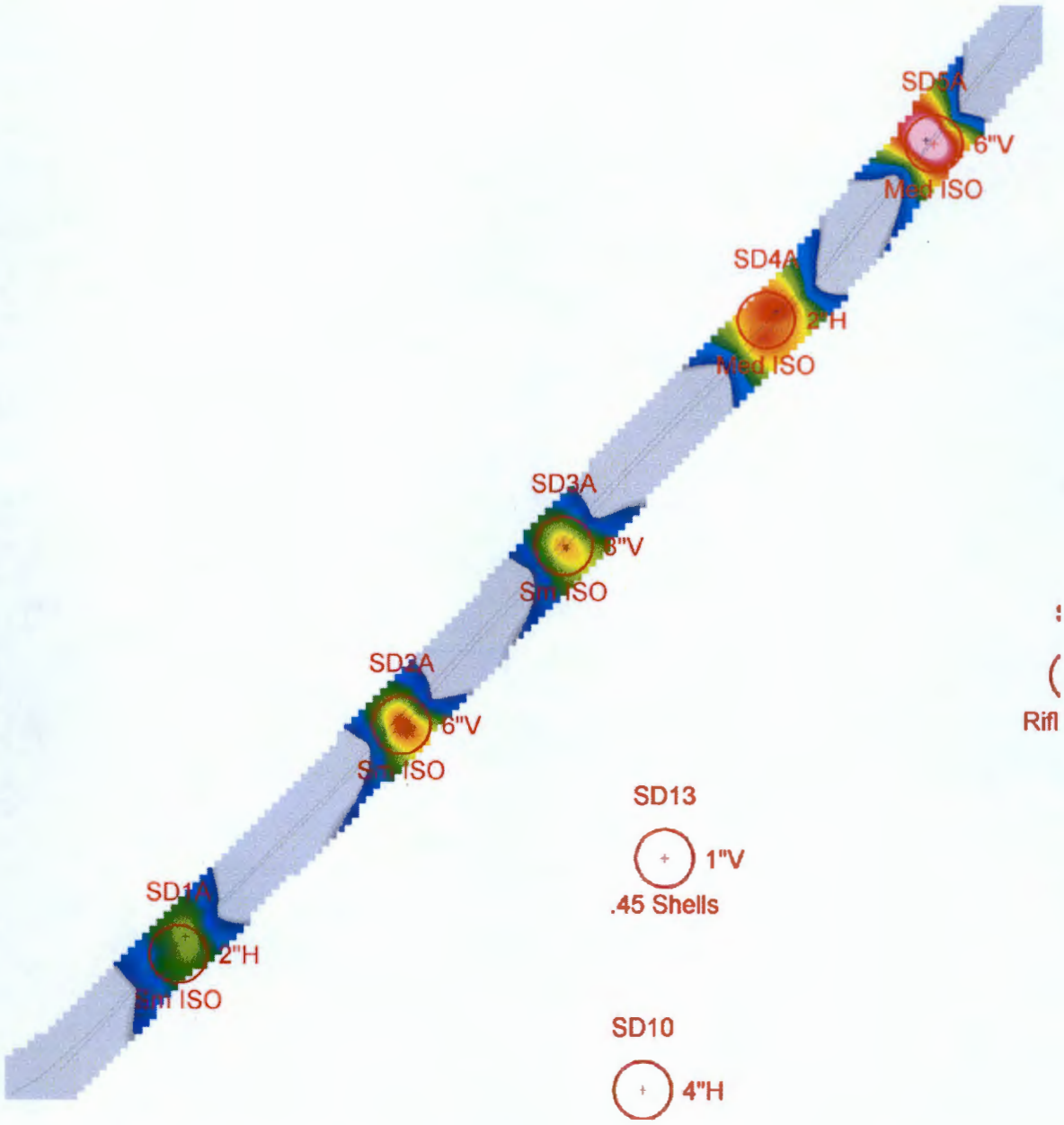
Example Latency Test profile image



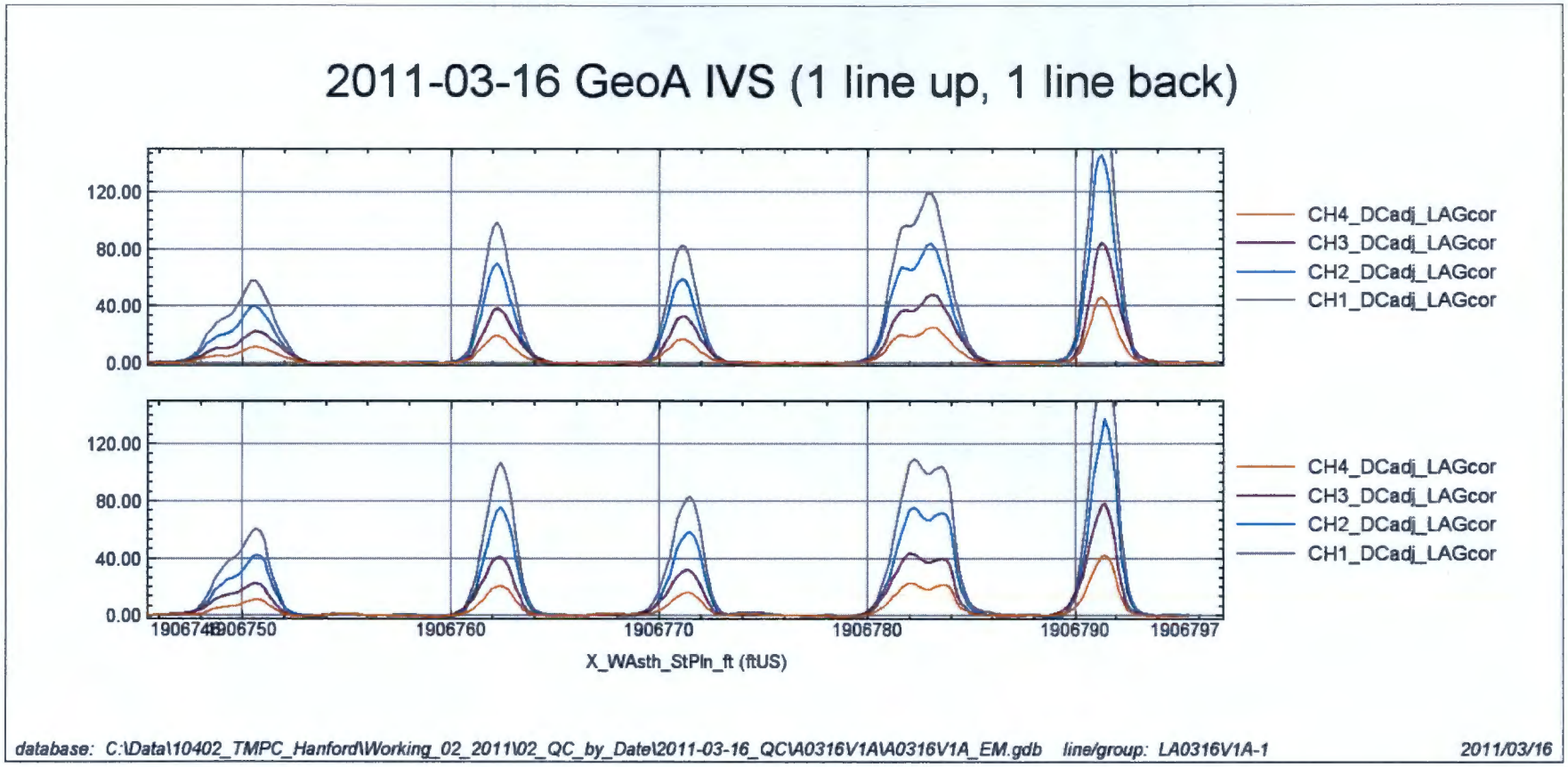
Example Lag Test: (Left) No Correction, (Right) Following Correction



Example Positional Test



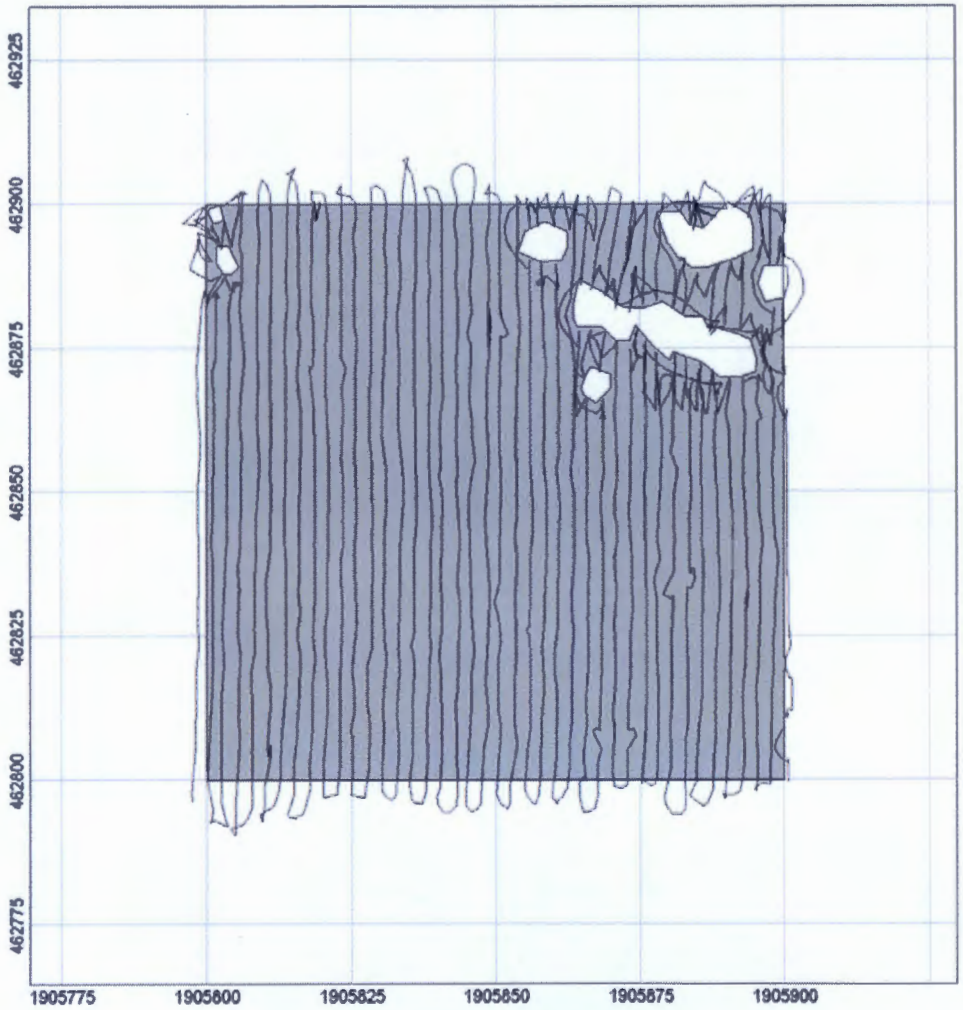
Example IVS Map View: Circles have a diameter of 1.0m



Example IVS profile image

Example of QC ASCII File Deliverable:

```
/-----------------------------------------------------------------------------
/ Deliverable Type: QC - Static Test AM
/ Site ID: Hanford, WA
/ Grid Location: QC
/ Positioning System: Leica SR530 DGPS
/ Sensor(s): Single EM61 MKII Coil in '4' Channel Wheeled Mode (16 inches operational height)
/ Coordinate System: NAD83 Datum WA South State Plane Feet
/ Data Collectors: (GeoA) Roy Gecelosky / Jenn Weller
/ Data Processors: (GeoA) Ian Duke-Wilson
/ Data Quality Control: Ian Duke-Wilson
/ Date(s) of Data Collection: 2011-03-16
/ Raw File Name(s): A0316S1A
/ Converted Data File Name(s): A0316S1A_combined.xyz
/ Processed Data File Name(s): A0316S1A_Processed.XYZ
/ X_WAsth_StPln, Y_WAsth_StPln = Easting, Northing in NAD83 Datum WA South State Plane Feet
/ CH1,CH2,CH3,CH4 raw = raw EM response data channels
/ CH1,CH2,CH3,CH4 DCadj = EM data after sensor adjustments - UX Filter Low%/High%/Window: DC adj
/ Date_mmddyy: Date of Data Collection
/ Time_hhmmssss: Time of Survey (Local)
/ -----------------------------------------------------------------------------
/ XYZ EXPORT [03/16/2011]
/ DATABASE   [.\A0316S1A\A0316S1A_EM.gdb]
/ -----------------------------------------------------------------------------
/
/  X_Long    Y_Lat X_WAsth_StPln_ft Y_WAsth_StPln_ft  Date_mmddyy Time_hhmmssss     CH1raw     CH2raw     CH3raw     CH4raw  CH1_DCadj  CH2_DCadj  CH3_DCadj  CH4_DCadj
/======== ======== ================ ================ ============ ============= ========== ========== ========== ========== ========== ========== ========== ==========
/
//Flight 0
//Date 2011/03/16
Line  A0316S1A-1
 -119.44    46.60       1906739.50       462033.01    3/16/2011   10:29:18.42      -0.68       0.03       0.27       0.03      -0.18       0.03       0.27       0.03
 -119.44    46.60       1906739.50       462033.00    3/16/2011   10:29:18.49      -0.68       0.03       0.18       0.03      -0.18       0.03       0.18       0.03
 -119.44    46.60       1906739.50       462033.00    3/16/2011   10:29:18.55      -0.77      -0.07       0.27       0.03      -0.27      -0.07       0.27       0.03
 -119.44    46.60       1906739.50       462033.00    3/16/2011   10:29:18.64      -0.77      -0.07       0.18       0.03      -0.27      -0.07       0.18       0.03
 -119.44    46.60       1906739.50       462033.00    3/16/2011   10:29:18.70      -0.86      -0.25       0.27       0.03      -0.36      -0.25       0.27       0.03
 -119.44    46.60       1906739.50       462033.00    3/16/2011   10:29:18.77      -1.04      -0.07       0.18       0.03      -0.54      -0.07       0.18       0.03
 -119.44    46.60       1906739.50       462033.00    3/16/2011   10:29:18.84      -1.04      -0.16       0.09       0.03      -0.54      -0.16       0.09       0.03
 -119.44    46.60       1906739.50       462033.00    3/16/2011   10:29:18.90      -1.13      -0.07       0.18      -0.06      -0.63      -0.07       0.18      -0.06
 -119.44    46.60       1906739.50       462032.99    3/16/2011   10:29:18.97      -1.03       0.11       0.09      -0.06      -0.53       0.11       0.09      -0.06
 -119.44    46.60       1906739.50       462032.99    3/16/2011   10:29:19.04      -1.03       0.20       0.18       0.03      -0.53       0.20       0.18       0.03
 -119.44    46.60       1906739.50       462032.99    3/16/2011   10:29:19.10      -1.12       0.11       0.27       0.03      -0.62       0.11       0.27       0.03
 -119.44    46.60       1906739.50       462032.99    3/16/2011   10:29:19.17      -1.12       0.20       0.09       0.03      -0.62       0.20       0.09       0.03
 -119.44    46.60       1906739.50       462032.99    3/16/2011   10:29:19.24      -1.03       0.20       0.18       0.12      -0.53       0.20       0.18       0.12
 -119.44    46.60       1906739.50       462032.99    3/16/2011   10:29:19.30      -0.93       0.11       0.18       0.12      -0.43       0.11       0.18       0.12
 -119.44    46.60       1906739.50       462032.99    3/16/2011   10:29:19.37      -0.84       0.02       0.09       0.03      -0.34       0.02       0.09       0.03
 -119.44    46.60       1906739.50       462032.99    3/16/2011   10:29:19.44      -1.02       0.11       0.18       0.12      -0.52       0.11       0.18       0.12
 -119.44    46.60       1906739.50       462032.99    3/16/2011   10:29:19.50      -1.11       0.11       0.18       0.03      -0.61       0.11       0.18       0.03
 -119.44    46.60       1906739.50       462032.99    3/16/2011   10:29:19.57      -1.11       0.02       0.18      -0.06      -0.61       0.02       0.18      -0.06
 -119.44    46.60       1906739.50       462032.99    3/16/2011   10:29:19.64      -1.11       0.11       0.18      -0.06      -0.61       0.11       0.18      -0.06
 -119.44    46.60       1906739.50       462032.99    3/16/2011   10:29:19.70      -1.01       0.11       0.27       0.03      -0.51       0.11       0.27       0.03
 -119.44    46.60       1906739.50       462032.99    3/16/2011   10:29:19.77      -1.01       0.11       0.09      -0.06      -0.51       0.11       0.09      -0.06
 -119.44    46.60       1906739.50       462032.99    3/16/2011   10:29:19.84      -0.92       0.11       0.27      -0.06      -0.42       0.11       0.27      -0.06
 -119.44    46.60       1906739.50       462033.00    3/16/2011   10:29:19.90      -1.01       0.11       0.18      -0.06      -0.51       0.11       0.18      -0.06
 -119.44    46.60       1906739.49       462033.00    3/16/2011   10:29:19.97      -0.92       0.11       0.08      -0.06      -0.42       0.11       0.08      -0.06
 -119.44    46.60       1906739.49       462033.00    3/16/2011   10:29:20.03      -0.82       0.20       0.18      -0.06      -0.32       0.20       0.18      -0.06
```



28x58V

Footprint Coverage

LEGEND

Area covered: 9547.42 Foot²
Total area:9560.72 Foot²
Percentage covered: 99.86 %
Instrument foot print: 3.90 Foot

Map Scale:

N

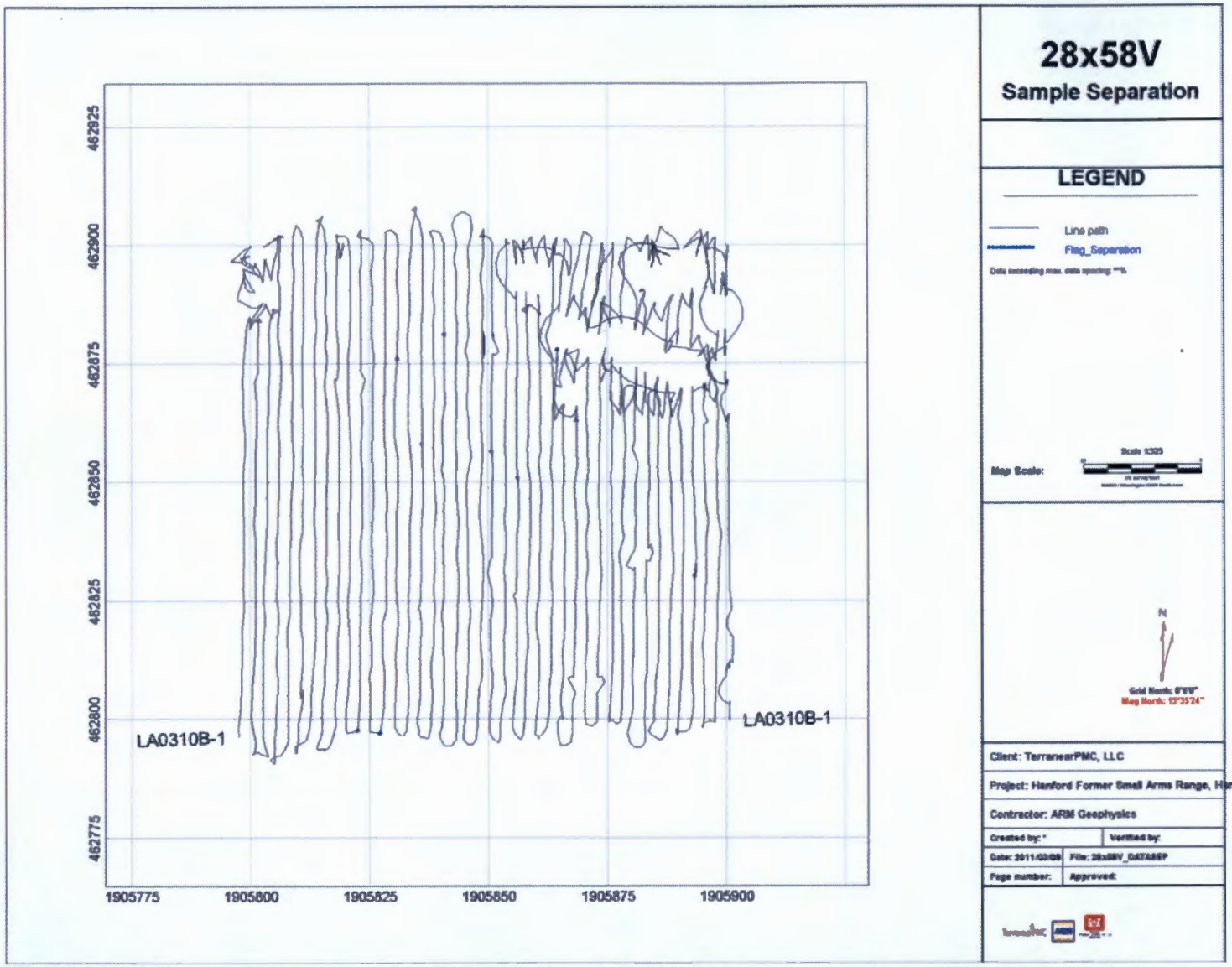
Grid North: 0°0'0"
Mag North: 15°35'24"

Client: TerraneerPMC, LLC

Project: Hanford Former Small Arms Range, Hanford Site, Washington: DGM

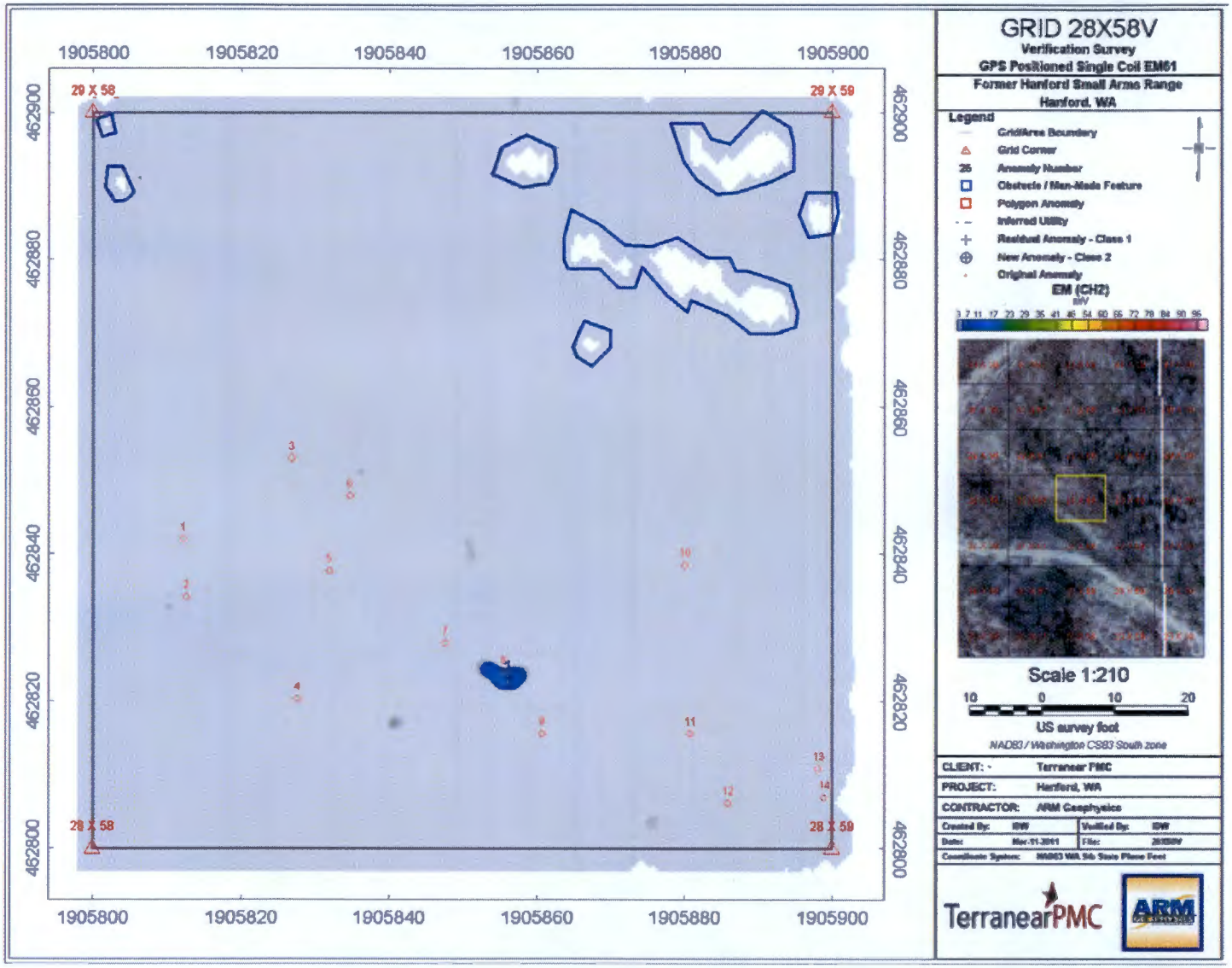
Contractor: ARM Geophysics

Created by:	Verified by:
Date: 2011/03/09	File: 28x58V_useFootprintCov
Page number:	Approved:

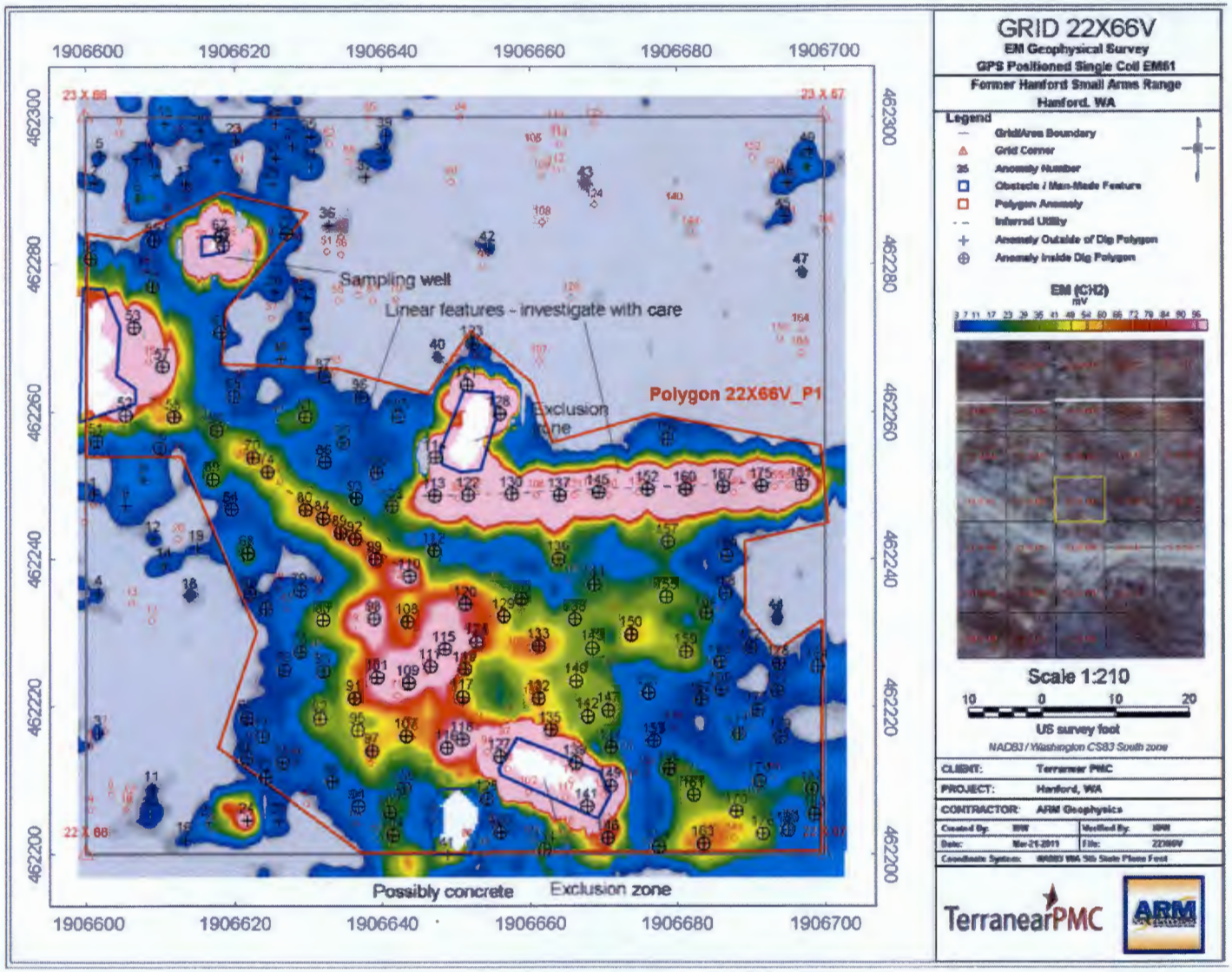


Note: Blue dots represent points where sample separation is >0.7ft. No Grid approached a density of blue dots representing 2% out of limit.

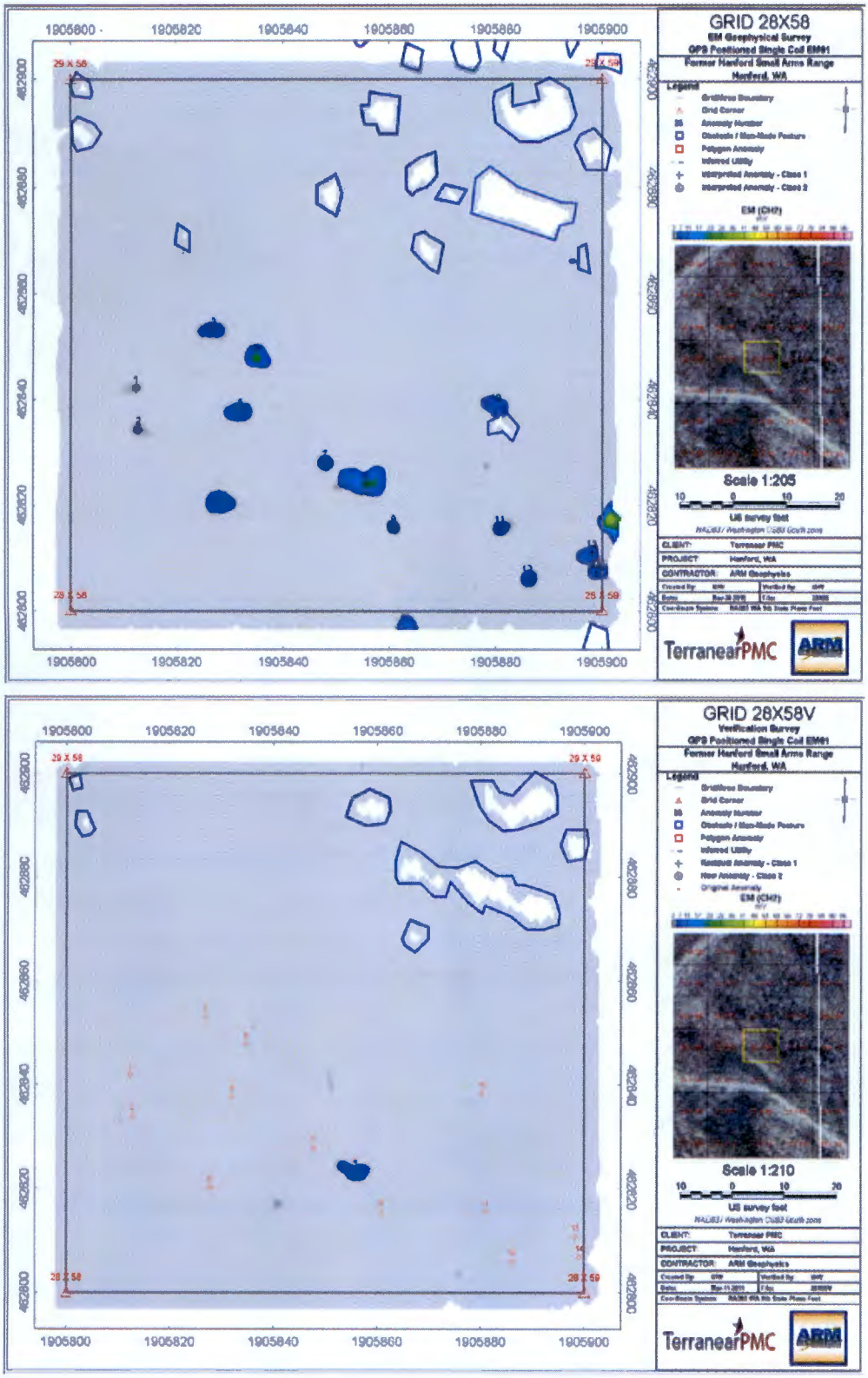
APPENDIX B. EXAMPLE PRODUCTION DELIVERABLES



Example of a verification grid map – note the location of the original target picks



Example of one of the two verification grids containing mag & dig polygons



Comparison of (Top) Original and (Bottom) Verification Data

DID OE 005-05

Geophysical Dig Sheet and Target History

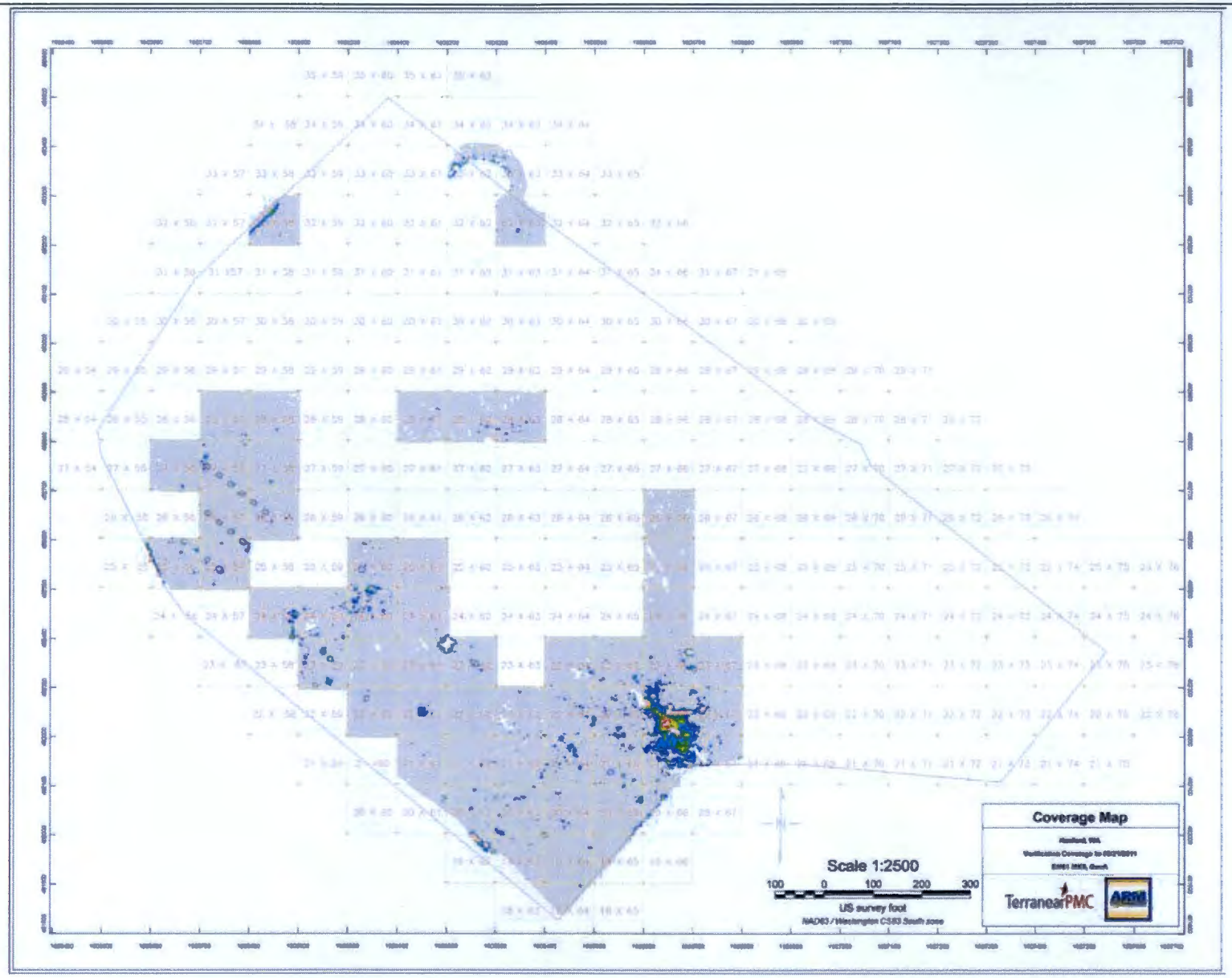
Project Name:	10402 Hanford	Project Location:	Hanford, WA Dig Verification		
Contractor:	TMPC	Design Center POC:		Scanning Geophysical Equipment Used:	Single-Coil Geonics EM61 MK2
Geophysical Contractor:	ARM Geophysics	Processing Geophysicist:	Ian Duke-Wilson		GPS Positioned
Project Geophysicist:	Scott Wendling	Date:	3/18/2011		
Field Team:	RG/JW	Coordinate System:	NAD83 Washington South State Plane Feet	Reacquisition Geophysical Equipment Used:	
Survey Area ID:	Hanford				
Sector:	x66 Grid: 22x66V				

Grid Background Value (mV / nT)	Date	Time

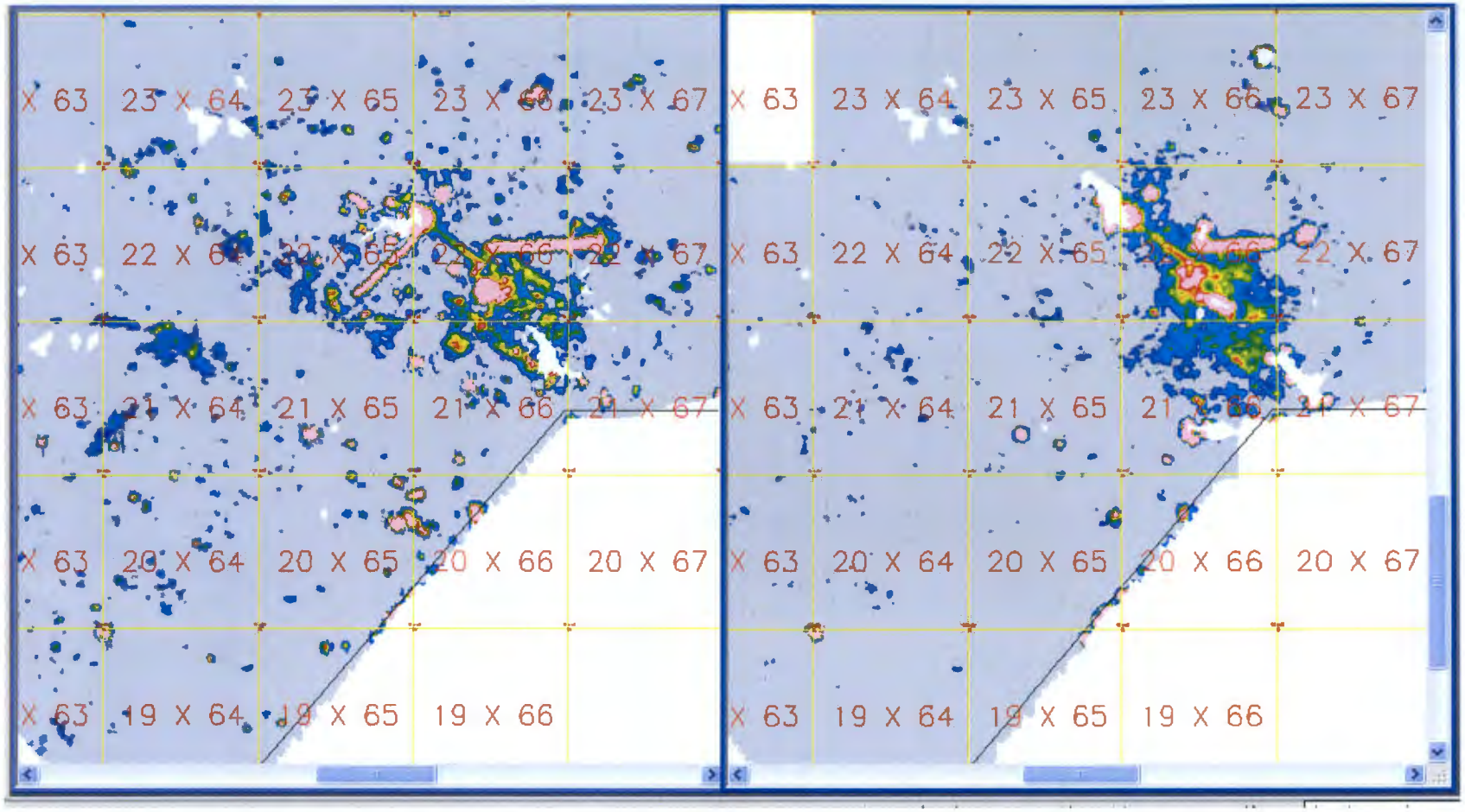
Unique Target ID	Original Survey					Reacquisition Survey			Dig Results									Post-Dig UXO QC Results			Post-Dig Geophysical QC		
													Offset		Depth								
	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	# of Contacts to dig	Amplitude (Ch2 mV)	Date	Anomaly type *	# of contacts	Approx. weight (lbs-oz / kg-g)	Comments	Distance (inches)	Direction (N, NE, etc.)	Top of Item (inches)	Date	Team Leader Initials	Excavation Hole Cleared?	UXO QC Spec. Initials	Date	Agreement between Dig Results & Geophysical Data? (G=good, P=poor, U=unacceptable)	Geophysicist QC Initials	Date
22x66V_P1A	1906637.09	462200.24	n/a	Polygon Inflection Point																			
22x66V_P1B	1906617.85	462214.56	n/a	Polygon Inflection Point																			
22x66V_P1C	1906622.98	462230.17	n/a	Polygon Inflection Point																			
22x66V_P1D	1906612.93	462253.90	n/a	Polygon Inflection Point																			
22x66V_P1E	1906600.10	462253.90	n/a	Polygon Inflection Point																			
22x66V_P1F	1906600.32	462284.25	n/a	Polygon Inflection Point																			
22x66V_P1G	1906605.66	462283.40	n/a	Polygon Inflection Point																			
22x66V_P1H	1906618.27	462289.81	n/a	Polygon Inflection Point																			
22x66V_P1I	1906630.03	462287.03	n/a	Polygon Inflection Point																			
22x66V_P1J	1906618.91	462273.78	n/a	Polygon Inflection Point																			
22x66V_P1K	1906618.27	462266.51	n/a	Polygon Inflection Point																			
22x66V_P1L	1906634.09	462265.87	n/a	Polygon Inflection Point																			
22x66V_P1M	1906646.28	462262.45	n/a	Polygon Inflection Point																			
22x66V_P1N	1906652.05	462271.00	n/a	Polygon Inflection Point																			
22x66V_P1O	1906660.39	462263.95	n/a	Polygon Inflection Point																			
22x66V_P1P	1906663.17	462255.82	n/a	Polygon Inflection Point																			
22x66V_P1Q	1906676.85	462259.67	n/a	Polygon Inflection Point																			
22x66V_P1R	1906699.51	462255.39	n/a	Polygon Inflection Point																			
22x66V_P1S	1906700.58	462244.92	n/a	Polygon Inflection Point																			
22x66V_P1T	1906689.25	462242.35	n/a	Polygon Inflection Point																			
22x66V_P1U	1906689.25	462232.73	n/a	Polygon Inflection Point																			
22x66V_P1V	1906693.52	462227.60	n/a	Polygon Inflection Point																			
22x66V_P1W	1906699.72	462231.67	n/a	Polygon Inflection Point																			
22x66V_P1X	1906699.51	462200.45	n/a	Polygon Inflection Point																			
1	1906600.88	462248.77	6.17	1	#######																		
2	1906601.07	462291.04	8.18	1	#######																		
3	1906601.46	462216.37	7.17	1	#######																		
4	1906601.54	462235.37	5.36	1	#######																		
5	1906601.82	462294.72	7.35	1	#######																		
6	1906605.13	462247.26	10.64	1	#######																		
7	1906606.73	462294.24	7.91	1	#######																		
8	1906606.92	462288.87	22.30	1	#######																		
9	1906607.58	462250.65	19.80	1	#######																		
10	1906608.52	462205.56	7.79	1	#######																		
11	1906608.71	462208.95	5.74	1	#######																		
12	1906608.95	462242.77	7.40	1	#######																		
13	1906609.37	462291.98	15.85	1	#######																		
14	1906610.41	462239.14	7.66	1	#######																		
15	1906610.69	462299.06	17.48	1	#######																		
16	1906613.14	462201.97	6.11	1	#######																		

Example Digsheet

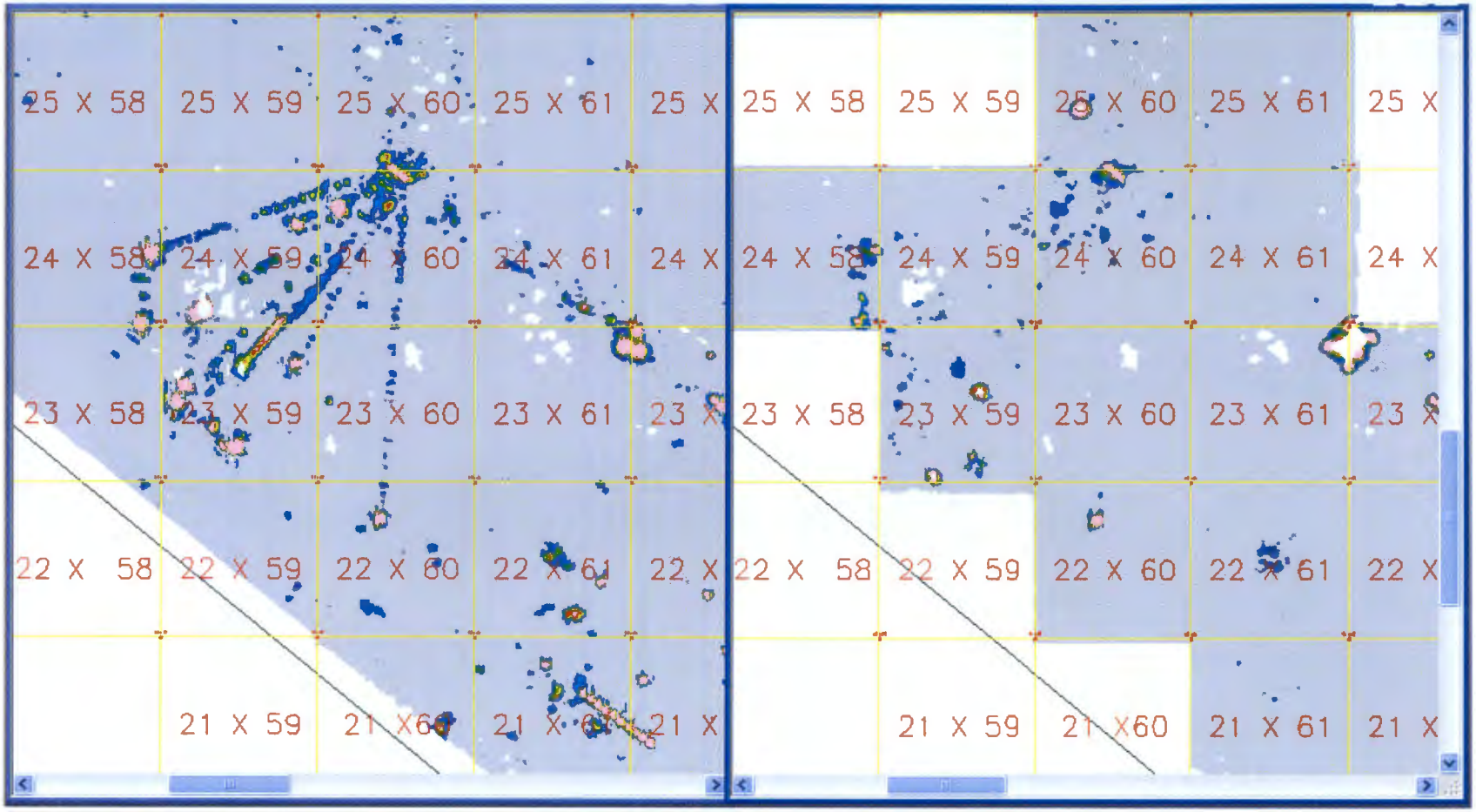
APPENDIX C. COLOR-CODED SITEWIDE DGM MAP


Coverage Map
Scale 1:2500
100 0 100 200 300
US survey foot
TerraneaPMC
ARM

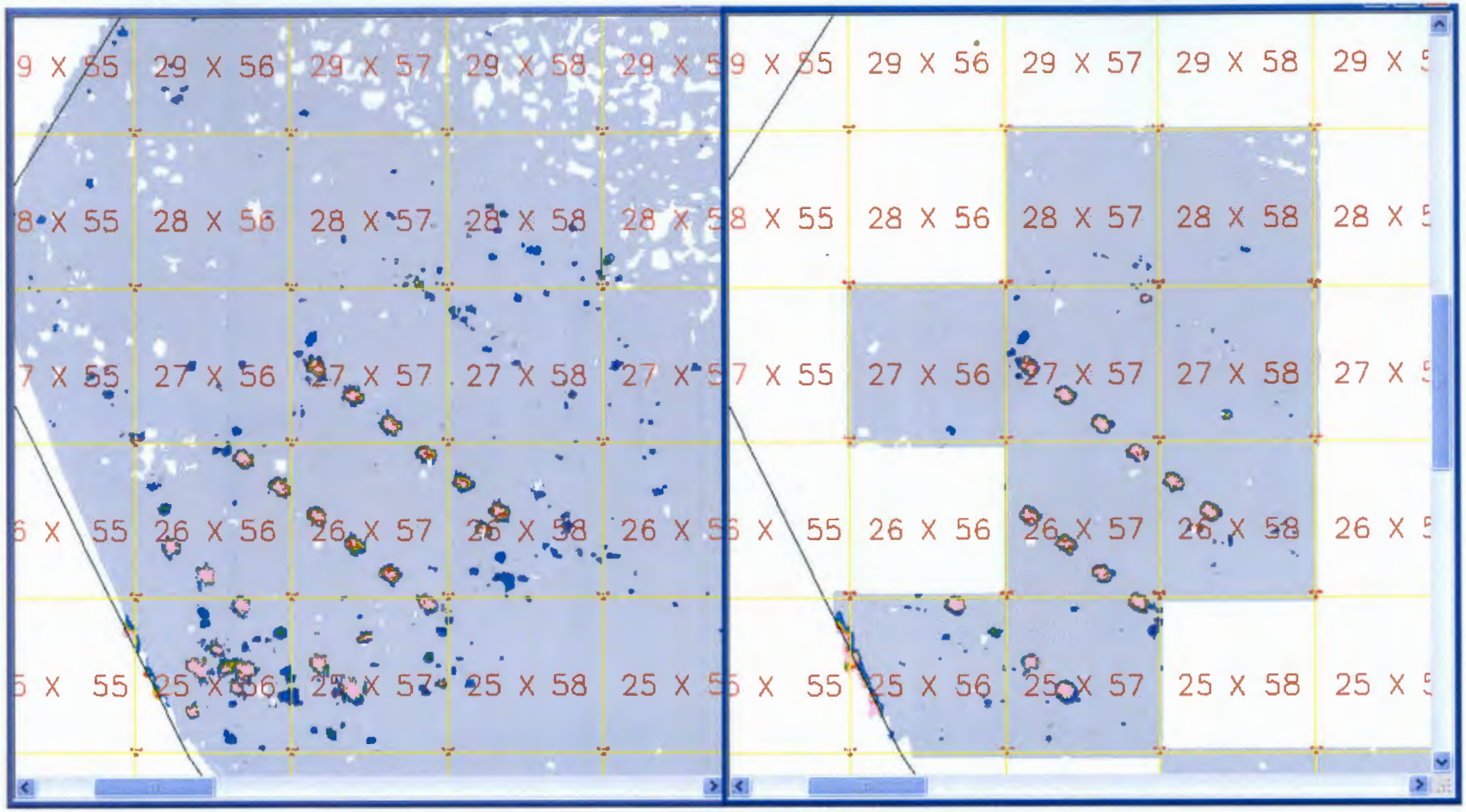
APPENDIX D. SELECTED COMPARISONS: ORIGINAL AND VERIFICATION DATA



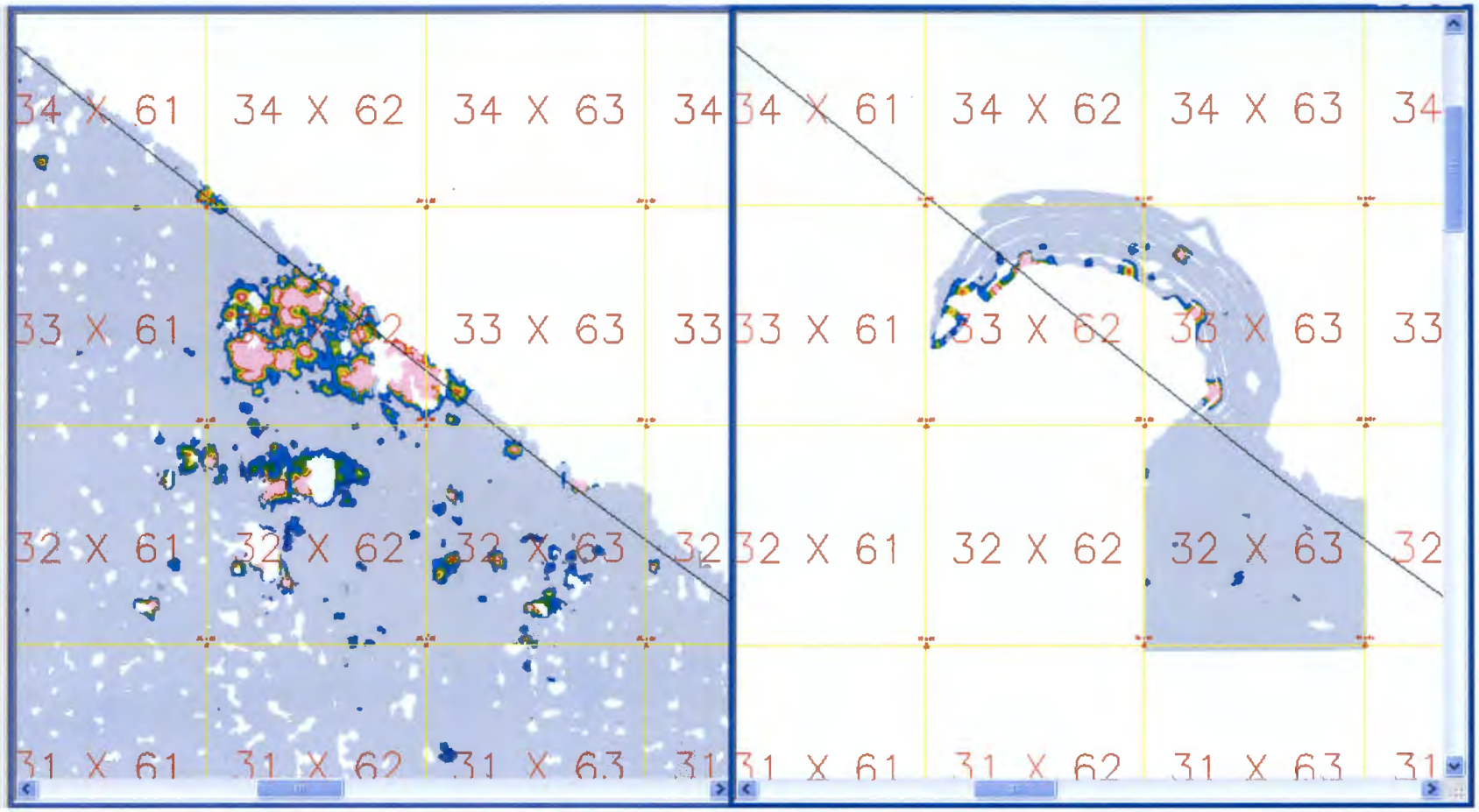
Original (Left) and Verification (Right): Note marked overall lessening of anomalies and the 'spread' of the concentrated response are in the vicinity of 22x66



Original (Left) and Verification (Right): Note removal of the majority of the response associate with the 'fan' shaped feature



Original (Left) and Verification (Right): Regularly arrayed features remaining noted to be cultural in origin



Original (Left) and Verification/Buffer (Right): Buffer zone collected around suspected burn pit to ascertain extent of response beyond project boundary

APPENDIX E. TABLE OF ANOMALIES

Note: For all grids except 21x66 and 22x66, 'Class 1' anomalies represent those presumed to be a residual response of an originally selected anomaly (2010), i.e. one at, or close to, the position of an original pick. 'Class 2' anomalies are 'new' anomalies, i.e. ones that are in a location where no original pick had been made.

For grids 21x66 and 22x66, however, the presence of a large area of dense response required a different picking method: 'Mag & Dig' polygons were drawn around the areas of dense response, and it was recommended that those areas be investigated by that means due to the potential for anomalies to be masked by adjacent, larger, anomalies. However, individual picks were also made within the confines of the 'mag & dig' polygons and these were listed as 'Class 2' picks, while those outside of the polygons were listed as 'Class 1'. The inflection points of the polygons were listed on the digsheets under the following naming convention: 21x66V_P1A, P1B etc, as compared with the regular anomalies, 21x66V-1, -2, etc.

For clarity in the following table, grids 21x66 and 22x66 have been shaded to differentiate them from the remaining grids.

TABLE 1: List of Verification Anomalies

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
18x64	18x64V-1	1906471.05	461897.63	8.43	1
18x64	18x64V-2	1906408.01	461867.68	5.09	2
18x64	18x64V-3	1906420.22	461855.07	6.02	2
19x62	19x62V-1	1906252.77	461997.31	302.90	1
19x62	19x62V-2	1906268.53	461985.49	178.88	1
19x62	19x62V-3	1906280.74	461976.03	821.32	1
19x62	19x62V-4	1906280.74	461978.79	1256.73	1
19x62	19x62V-5	1906290.20	461970.91	6.66	1
19x62	19x62V-6	1906296.11	461963.42	902.24	1
19x62	19x62V-7	1906256.32	461994.55	449.44	2
19x62	19x62V-8	1906263.41	461987.85	668.46	2
19x62	19x62V-9	1906274.83	461983.12	11.21	2
19x62	19x62V-10	1906277.86	461967.28	23.37	2
19x62	19x62V-11	1906295.32	461988.64	5.00	2
19x63	19x63V-1	1906315.42	461976.82	4.97	2
19x63	19x63V-2	1906332.75	461991.00	7.85	2
19x63	19x63V-3	1906335.51	461997.31	5.43	2
19x63	19x63V-4	1906367.65	461968.28	5.22	2
19x63	19x63V-5	1906368.21	461978.40	6.47	2
19x63	19x63V-6	1906372.94	461979.18	6.81	2
19x64	19x64V-1	1906489.56	461974.46	8.38	1
19x64	19x64V-2	1906493.24	461974.72	7.08	1
19x64	19x64V-3	1906414.31	461963.03	6.68	2
19x64	19x64V-4	1906419.70	461910.95	7.75	2

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
19x64	19x64V-5	1906474.20	461900.38	5.40	2
20x61	20x61V-1	1906196.03	462074.14	445.12	1
20x61	20x61V-2	1906196.79	462065.61	28.17	1
20x61	20x61V-3	1906193.66	462067.69	1528.01	2
20x61	20x61V-4	1906194.85	462054.83	7.70	2
20x61	20x61V-5	1906196.43	462068.62	3547.81	2
20x62	20x62V-1	1906222.97	462061.20	5.15	1
20x62	20x62V-2	1906277.59	462089.11	5.41	1
20x62	20x62V-3	1906280.35	462068.23	6.05	1
20x62	20x62V-4	1906280.35	462070.59	6.03	1
20x62	20x62V-5	1906299.05	462073.35	5.95	1
20x62	20x62V-6	1906215.73	462072.56	6.15	2
20x62	20x62V-7	1906229.92	462091.87	6.22	2
20x62	20x62V-8	1906249.77	462054.10	8.22	2
20x62	20x62V-9	1906250.58	462003.83	9.52	2
20x62	20x62V-10	1906255.92	462039.47	6.87	2
20x62	20x62V-11	1906257.10	462092.66	16.37	2
20x62	20x62V-12	1906262.62	462080.05	5.15	2
20x62	20x62V-13	1906280.35	462056.41	5.73	2
20x62	20x62V-14	1906282.32	462094.23	5.36	2
20x62	20x62V-15	1906285.08	462089.90	5.45	2
20x62	20x62V-16	1906285.47	462017.01	7.00	2
20x62	20x62V-17	1906287.05	462054.83	5.57	2
20x62	20x62V-18	1906294.93	462068.23	5.36	2
20x63	20x63V-1	1906300.23	462011.34	7.85	1
20x63	20x63V-2	1906300.36	462078.63	5.31	1
20x63	20x63V-3	1906302.81	462081.62	6.71	1
20x63	20x63V-4	1906305.71	462006.26	7.33	1
20x63	20x63V-5	1906305.97	462039.25	7.39	1
20x63	20x63V-6	1906310.27	462003.91	10.76	1
20x63	20x63V-7	1906315.36	462004.04	6.46	1
20x63	20x63V-8	1906317.39	462077.68	12.23	1
20x63	20x63V-9	1906324.09	462058.94	5.68	1
20x63	20x63V-10	1906340.40	462074.98	6.37	1
20x63	20x63V-11	1906347.83	462073.16	6.29	1
20x63	20x63V-12	1906352.92	462078.50	8.23	1
20x63	20x63V-13	1906355.60	462076.11	12.04	1
20x63	20x63V-14	1906373.52	462029.47	6.63	1
20x63	20x63V-15	1906378.09	462099.24	7.45	1
20x63	20x63V-16	1906383.58	462028.83	10.52	1
20x63	20x63V-17	1906392.56	462005.34	5.69	1

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
20x63	20x63V-18	1906303.75	462071.98	5.37	2
20x63	20x63V-19	1906313.45	462034.74	8.61	2
20x63	20x63V-20	1906315.75	462001.30	5.56	2
20x63	20x63V-21	1906321.11	462044.57	5.09	2
20x63	20x63V-22	1906337.87	462071.77	6.14	2
20x63	20x63V-23	1906345.48	462068.20	5.82	2
20x63	20x63V-24	1906353.24	462010.31	5.56	2
20x63	20x63V-25	1906357.74	462079.16	5.05	2
20x63	20x63V-26	1906374.96	462097.54	5.18	2
20x63	20x63V-27	1906384.76	462030.80	5.75	2
20x64	20x64V-1	1906405.56	462073.21	5.10	1
20x64	20x64V-2	1906407.62	462070.74	5.83	1
20x64	20x64V-3	1906408.01	462031.19	6.74	1
20x64	20x64V-4	1906422.58	462040.25	6.20	1
20x64	20x64V-5	1906430.02	462085.99	6.40	1
20x64	20x64V-6	1906435.98	462049.32	5.40	1
20x64	20x64V-7	1906436.21	462026.76	6.92	1
20x64	20x64V-8	1906438.68	462014.25	6.70	1
20x64	20x64V-9	1906447.41	462023.31	12.62	1
20x64	20x64V-10	1906449.83	462017.07	5.27	1
20x64	20x64V-11	1906459.99	462074.54	5.34	1
20x64	20x64V-12	1906407.26	462081.98	5.03	2
20x64	20x64V-13	1906414.90	462074.04	5.70	2
20x64	20x64V-14	1906422.05	462084.62	5.75	2
20x64	20x64V-15	1906422.05	462086.68	5.13	2
20x64	20x64V-16	1906425.34	462083.59	7.54	2
20x64	20x64V-17	1906425.49	462029.51	6.46	2
20x64	20x64V-18	1906430.30	462075.27	5.26	2
20x64	20x64V-19	1906432.36	462030.75	5.46	2
20x64	20x64V-20	1906460.48	462058.09	5.02	2
20x65	20x65V-1	1906512.81	462063.89	6.67	1
20x65	20x65V-2	1906557.73	462098.57	13.07	1
20x65	20x65V-3	1906586.01	462069.29	7.98	1
20x65	20x65V-4	1906594.76	462074.53	214.05	1
20x65	20x65V-5	1906530.15	462069.80	7.61	2
20x65	20x65V-6	1906582.55	462077.68	5.73	2
20x65	20x65V-7	1906594.78	462066.91	9.85	2
20x65	20x65V-8	1906599.67	462099.62	6.02	2
20x66	20x66V-1	1906638.10	462074.53	120.71	1
20x66	20x66V-2	1906622.41	462086.95	6.04	2
20x66	20x66V-3	1906625.10	462084.78	16.47	2

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
20x66	20x66V-4	1906625.10	462089.50	8.61	2
21x61	21x61V-1	1906152.30	462161.21	8.72	1
21x61	21x61V-2	1906129.45	462184.85	9.20	2
21x61	21x61V-3	1906167.67	462168.70	5.63	2
21x61	21x61V-4	1906185.00	462198.25	5.10	2
21x62	21x62V-1	1906269.71	462143.09	6.29	1
21x62	21x62V-2	1906248.83	462110.39	5.01	2
21x62	21x62V-3	1906263.80	462111.17	6.75	2
21x62	21x62V-4	1906269.32	462146.63	5.13	2
21x62	21x62V-5	1906271.29	462140.33	5.07	2
21x62	21x62V-6	1906273.65	462108.02	5.17	2
21x62	21x62V-7	1906281.14	462128.51	5.19	2
21x62	21x62V-8	1906284.29	462144.27	5.02	2
21x62	21x62V-9	1906289.02	462145.06	6.71	2
21x62	21x62V-10	1906294.14	462149.00	5.87	2
21x62	21x62V-11	1906297.29	462147.03	5.58	2
21x63	21x63V-1	1906313.84	462103.29	10.20	1
21x63	21x63V-2	1906341.03	462199.82	6.22	1
21x63	21x63V-3	1906343.39	462170.27	10.91	1
21x63	21x63V-4	1906356.79	462195.49	8.26	1
21x63	21x63V-5	1906389.09	462134.03	6.92	1
21x63	21x63V-6	1906390.67	462197.85	6.04	1
21x63	21x63V-7	1906393.03	462115.51	8.88	1
21x63	21x63V-8	1906393.03	462119.05	6.87	1
21x63	21x63V-9	1906396.19	462108.42	6.00	1
21x63	21x63V-10	1906396.97	462142.69	6.58	1
21x63	21x63V-11	1906398.94	462129.30	8.17	1
21x63	21x63V-12	1906309.90	462112.36	5.18	2
21x63	21x63V-13	1906326.45	462105.66	5.76	2
21x63	21x63V-14	1906393.03	462124.96	8.09	2
21x64	21x64V-1	1906417.07	462143.48	5.17	1
21x64	21x64V-2	1906419.83	462181.70	8.26	1
21x64	21x64V-3	1906421.80	462127.33	7.86	1
21x64	21x64V-4	1906429.28	462143.48	8.75	1
21x64	21x64V-5	1906429.68	462135.21	10.30	1
21x64	21x64V-6	1906431.68	462192.02	5.15	1
21x64	21x64V-7	1906433.95	462194.40	6.15	1
21x64	21x64V-8	1906436.77	462179.34	6.18	1
21x64	21x64V-9	1906439.13	462158.06	8.70	1
21x64	21x64V-10	1906439.53	462187.61	7.43	1
21x64	21x64V-11	1906442.68	462149.79	7.87	1

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
21x64	21x64V-12	1906449.38	462180.91	12.57	1
21x64	21x64V-13	1906454.50	462180.91	12.64	1
21x64	21x64V-14	1906456.47	462145.06	8.46	1
21x64	21x64V-15	1906459.62	462172.64	14.87	1
21x64	21x64V-16	1906462.77	462161.61	11.77	1
21x64	21x64V-17	1906464.35	462106.84	7.21	1
21x64	21x64V-18	1906470.26	462137.57	11.15	1
21x64	21x64V-19	1906489.17	462137.97	4.95	1
21x64	21x64V-20	1906401.71	462138.53	5.02	2
21x64	21x64V-21	1906404.07	462142.69	8.48	2
21x64	21x64V-22	1906419.83	462178.94	7.40	2
21x64	21x64V-23	1906422.19	462147.42	6.42	2
21x64	21x64V-24	1906424.55	462154.51	5.69	2
21x64	21x64V-25	1906426.92	462171.46	6.32	2
21x64	21x64V-26	1906432.43	462197.46	12.01	2
21x64	21x64V-27	1906434.40	462166.73	6.89	2
21x64	21x64V-28	1906446.62	462176.58	9.70	2
21x64	21x64V-29	1906449.59	462174.45	5.57	2
21x64	21x64V-30	1906449.77	462170.67	8.41	2
21x64	21x64V-31	1906457.07	462161.87	5.37	2
21x64	21x64V-32	1906457.65	462168.70	7.76	2
21x64	21x64V-33	1906466.71	462176.18	6.38	2
21x64	21x64V-34	1906474.59	462188.79	6.59	2
21x64	21x64V-35	1906484.84	462131.27	5.78	2
21x64	21x64V-36	1906494.69	462145.85	5.57	2
21x65	21x65V-1	1906501.38	462162.39	5.07	1
21x65	21x65V-2	1906504.54	462160.03	7.35	1
21x65	21x65V-3	1906511.20	462104.19	5.66	1
21x65	21x65V-4	1906512.42	462106.84	5.19	1
21x65	21x65V-5	1906518.33	462102.51	5.37	1
21x65	21x65V-6	1906519.11	462113.93	5.07	1
21x65	21x65V-7	1906520.69	462105.26	7.24	1
21x65	21x65V-8	1906521.08	462113.14	5.97	1
21x65	21x65V-9	1906541.57	462135.60	6.34	1
21x65	21x65V-10	1906543.52	462133.27	5.70	1
21x65	21x65V-11	1906544.33	462177.37	5.19	1
21x65	21x65V-12	1906547.38	462196.84	5.79	1
21x65	21x65V-13	1906551.03	462136.39	11.38	1
21x65	21x65V-14	1906558.51	462120.24	197.37	1
21x65	21x65V-15	1906573.05	462100.45	7.95	1
21x65	21x65V-16	1906577.43	462177.37	8.66	1

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
21x65	21x65V-17	1906580.58	462112.75	9.81	1
21x65	21x65V-18	1906592.40	462199.04	5.41	1
21x65	21x65V-19	1906597.56	462176.30	5.44	1
21x65	21x65V-20	1906551.82	462162.00	6.27	2
21x65	21x65V-21	1906551.82	462175.00	5.33	2
21x65	21x65V-22	1906556.94	462183.67	10.79	2
21x65	21x65V-23	1906558.12	462100.54	14.85	2
21x65	21x65V-24	1906561.27	462125.36	5.45	2
21x65	21x65V-25	1906562.06	462168.30	8.10	2
21x65	21x65V-26	1906562.45	462171.06	5.11	2
21x65	21x65V-27	1906571.91	462175.79	7.54	2
21x65	21x65V-28	1906571.91	462182.49	7.72	2
21x65	21x65V-29	1906586.88	462162.79	5.00	2
21x65	21x65V-30	1906592.00	462188.00	5.22	2
21x65	21x65V-31	1906595.16	462185.25	5.07	2
21x65	21x65V-32	1906596.73	462169.88	5.22	2
21x65	21x65V-33	1906597.91	462187.61	6.94	2
21x66	21x66V_P1A	1906631.04	462200.31	n/a	Polygon
21x66	21x66V_P1B	1906700.35	462199.87	n/a	Polygon
21x66	21x66V_P1C	1906700.21	462147.67	n/a	Polygon
21x66	21x66V_P1D	1906681.65	462153.03	n/a	Polygon
21x66	21x66V_P1E	1906681.21	462161.59	n/a	Polygon
21x66	21x66V_P1F	1906670.34	462164.05	n/a	Polygon
21x66	21x66V_P1G	1906660.47	462174.50	n/a	Polygon
21x66	21x66V_P1H	1906633.65	462174.21	n/a	Polygon
21x66	21x66V_P1I	1906630.31	462170.29	n/a	Polygon
21x66	21x66V_P1J	1906617.40	462172.47	n/a	Polygon
21x66	21x66V_P1K	1906616.53	462179.72	n/a	Polygon
21x66	21x66V-1	1906599.75	462176.23	7.02	1*
21x66	21x66V-2	1906602.25	462173.82	8.14	1*
21x66	21x66V-3	1906603.82	462167.12	6.02	1*
21x66	21x66V-4	1906603.83	462170.74	9.31	1*
21x66	21x66V-5	1906604.47	462178.66	6.02	1*
21x66	21x66V-6	1906605.01	462100.93	5.81	1*
21x66	21x66V-7	1906605.87	462118.78	5.60	1*
21x66	21x66V-8	1906606.19	462173.43	10.89	1*
21x66	21x66V-9	1906607.15	462179.68	6.68	1*
21x66	21x66V-10	1906609.32	462175.09	8.81	1*
21x66	21x66V-11	1906611.70	462170.67	5.81	1*
21x66	21x66V-12	1906611.70	462183.28	8.14	1*
21x66	21x66V-13	1906615.19	462177.13	6.81	1*

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
21x66	21x66V-14	1906616.43	462165.15	8.56	1*
21x66	21x66V-15	1906616.85	462189.51	12.57	1*
21x66	21x66V-16	1906621.95	462165.94	5.39	1*
21x66	21x66V-17	1906621.95	462193.91	10.47	1*
21x66	21x66V-18	1906624.64	462198.32	5.07	1*
21x66	21x66V-19	1906626.05	462166.91	5.01	1*
21x66	21x66V-20	1906626.17	462162.32	6.04	1*
21x66	21x66V-21	1906628.25	462156.09	13.00	1*
21x66	21x66V-22	1906628.34	462110.23	203.48	1*
21x66	21x66V-23	1906632.81	462153.25	12.13	1*
21x66	21x66V-24	1906634.22	462168.83	6.75	1*
21x66	21x66V-25	1906636.39	462162.19	14.39	1*
21x66	21x66V-26	1906636.53	462164.36	17.24	1*
21x66	21x66V-27	1906638.10	462133.24	81.77	1*
21x66	21x66V-28	1906638.56	462155.81	5.82	1*
21x66	21x66V-29	1906639.32	462168.96	5.50	1*
21x66	21x66V-30	1906640.09	462125.80	255.84	1*
21x66	21x66V-31	1906641.25	462153.33	23.16	1*
21x66	21x66V-32	1906642.04	462134.03	10540.68	1*
21x66	21x66V-33	1906642.04	462172.64	9.20	1*
21x66	21x66V-34	1906642.90	462164.87	7.68	1*
21x66	21x66V-35	1906643.22	462153.73	24.64	1*
21x66	21x66V-36	1906645.19	462122.99	1294.02	1*
21x66	21x66V-37	1906645.96	462160.53	5.85	1*
21x66	21x66V-38	1906645.96	462171.25	5.83	1*
21x66	21x66V-39	1906645.98	462165.15	10.25	1*
21x66	21x66V-40	1906647.95	462149.00	136.58	1*
21x66	21x66V-41	1906648.64	462167.68	9.06	1*
21x66	21x66V-42	1906650.43	462146.23	63.05	1*
21x66	21x66V-43	1906650.71	462155.70	5.60	1*
21x66	21x66V-44	1906652.09	462126.31	706.57	1*
21x66	21x66V-45	1906652.68	462141.12	55.11	1*
21x66	21x66V-46	1906653.11	462152.10	5.79	1*
21x66	21x66V-47	1906653.62	462133.97	930.96	1*
21x66	21x66V-48	1906658.35	462150.32	7.30	1*
21x66	21x66V-49	1906658.98	462170.27	9.20	1*
21x66	21x66V-50	1906659.77	462140.72	18.93	1*
21x66	21x66V-51	1906661.03	462155.04	9.11	1*
21x66	21x66V-52	1906661.35	462171.06	9.41	1*
21x66	21x66V-53	1906661.92	462166.79	5.81	1*
21x66	21x66V-54	1906662.14	462121.42	7.08	1*

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
21x66	21x66V-55	1906662.69	462143.93	9.84	1*
21x66	21x66V-56	1906665.11	462148.02	5.84	1*
21x66	21x66V-57	1906668.82	462158.10	14.16	1*
21x66	21x66V-58	1906668.83	462154.12	14.91	1*
21x66	21x66V-59	1906669.97	462139.85	9.66	1*
21x66	21x66V-60	1906670.22	462149.68	11.88	1*
21x66	21x66V-61	1906670.80	462156.09	20.41	1*
21x66	21x66V-62	1906672.90	462145.98	13.40	1*
21x66	21x66V-63	1906673.54	462152.23	21.05	1*
21x66	21x66V-64	1906674.31	462142.14	33.39	1*
21x66	21x66V-65	1906677.75	462153.13	13.61	1*
21x66	21x66V-66	1906678.01	462143.55	14.99	1*
21x66	21x66V-67	1906683.12	462141.89	23.53	1*
21x66	21x66V-68	1906688.14	462137.97	185.25	1*
21x66	21x66V-69	1906690.50	462149.79	7.50	1*
21x66	21x66V-70	1906697.93	462136.40	175.35	1*
21x66	21x66V-71	1906619.53	462173.30	6.64	2*
21x66	21x66V-72	1906619.53	462180.83	5.97	2*
21x66	21x66V-73	1906621.95	462184.06	5.39	2*
21x66	21x66V-74	1906623.49	462178.28	10.05	2*
21x66	21x66V-75	1906624.51	462186.96	8.42	2*
21x66	21x66V-76	1906626.94	462173.30	11.06	2*
21x66	21x66V-77	1906626.94	462189.38	7.89	2*
21x66	21x66V-78	1906627.96	462176.74	18.51	2*
21x66	21x66V-79	1906629.43	462182.49	22.53	2*
21x66	21x66V-80	1906631.80	462181.31	26.76	2*
21x66	21x66V-81	1906632.56	462197.56	10.58	2*
21x66	21x66V-82	1906634.16	462189.97	19.99	2*
21x66	21x66V-83	1906634.16	462193.91	28.66	2*
21x66	21x66V-84	1906636.64	462180.83	13.95	2*
21x66	21x66V-85	1906637.31	462186.43	18.29	2*
21x66	21x66V-86	1906639.20	462178.02	12.38	2*
21x66	21x66V-87	1906639.20	462189.90	18.69	2*
21x66	21x66V-88	1906639.28	462186.03	19.35	2*
21x66	21x66V-89	1906639.58	462192.83	21.35	2*
21x66	21x66V-90	1906642.04	462182.88	25.07	2*
21x66	21x66V-91	1906642.39	462175.85	9.93	2*
21x66	21x66V-92	1906643.92	462199.60	69.30	2*
21x66	21x66V-93	1906646.38	462176.97	10.47	2*
21x66	21x66V-94	1906646.73	462181.60	8.48	2*
21x66	21x66V-95	1906646.77	462189.97	26.97	2*

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
21x66	21x66V-96	1906649.54	462199.47	34.79	2*
21x66	21x66V-97	1906651.89	462179.73	25.28	2*
21x66	21x66V-98	1906654.65	462187.22	24.85	2*
21x66	21x66V-99	1906655.03	462183.51	20.72	2*
21x66	21x66V-100	1906655.04	462197.85	14.27	2*
21x66	21x66V-101	1906656.23	462188.79	28.66	2*
21x66	21x66V-102	1906656.62	462175.79	8.98	2*
21x66	21x66V-103	1906657.01	462195.88	21.89	2*
21x66	21x66V-104	1906658.98	462183.28	32.89	2*
21x66	21x66V-105	1906658.98	462190.37	26.34	2*
21x66	21x66V-106	1906661.16	462194.49	17.70	2*
21x66	21x66V-107	1906661.28	462198.19	25.33	2*
21x66	21x66V-108	1906663.58	462190.66	16.97	2*
21x66	21x66V-109	1906663.71	462187.09	16.53	2*
21x66	21x66V-110	1906664.09	462177.64	19.09	2*
21x66	21x66V-111	1906665.37	462195.77	13.46	2*
21x66	21x66V-112	1906666.65	462186.70	16.99	2*
21x66	21x66V-113	1906666.77	462173.94	14.16	2*
21x66	21x66V-114	1906666.86	462191.94	18.29	2*
21x66	21x66V-115	1906667.65	462197.46	15.76	2*
21x66	21x66V-116	1906668.95	462169.72	15.09	2*
21x66	21x66V-117	1906669.23	462180.12	50.03	2*
21x66	21x66V-118	1906671.20	462183.28	34.16	2*
21x66	21x66V-119	1906671.20	462189.19	29.72	2*
21x66	21x66V-120	1906671.59	462167.52	17.45	2*
21x66	21x66V-121	1906671.63	462198.83	24.73	2*
21x66	21x66V-122	1906673.67	462192.45	22.23	2*
21x66	21x66V-123	1906673.96	462174.21	95.32	2*
21x66	21x66V-124	1906675.53	462184.06	36.70	2*
21x66	21x66V-125	1906676.71	462171.85	71.41	2*
21x66	21x66V-126	1906678.29	462193.13	21.89	2*
21x66	21x66V-127	1906678.39	462185.81	31.36	2*
21x66	21x66V-128	1906678.52	462183.64	28.82	2*
21x66	21x66V-129	1906678.68	462178.55	53.21	2*
21x66	21x66V-130	1906681.05	462167.12	52.36	2*
21x66	21x66V-131	1906683.41	462169.09	47.28	2*
21x66	21x66V-132	1906683.63	462181.60	33.72	2*
21x66	21x66V-133	1906683.81	462191.16	34.59	2*
21x66	21x66V-134	1906685.42	462152.36	6.38	2*
21x66	21x66V-135	1906685.42	462157.47	33.78	2*
21x66	21x66V-136	1906686.17	462163.18	13.85	2*

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
21x66	21x66V-137	1906686.31	462174.70	25.92	2*
21x66	21x66V-138	1906686.56	462178.94	42.84	2*
21x66	21x66V-139	1906686.56	462187.22	38.40	2*
21x66	21x66V-140	1906688.53	462193.13	43.26	2*
21x66	21x66V-141	1906689.50	462161.04	7.28	2*
21x66	21x66V-142	1906690.50	462152.54	10.68	2*
21x66	21x66V-143	1906691.42	462183.00	27.40	2*
21x66	21x66V-144	1906692.95	462155.42	9.57	2*
21x66	21x66V-145	1906693.66	462161.61	9.20	2*
21x66	21x66V-146	1906693.71	462191.04	14.58	2*
21x66	21x66V-147	1906694.44	462177.37	11833.34	2*
21x66	21x66V-148	1906695.63	462196.67	14.27	2*
21x66	21x66V-149	1906696.02	462165.94	23.16	2*
21x66	21x66V-150	1906697.99	462191.94	11.73	2*
21x66	21x66V-151	1906698.18	462163.59	12.71	2*
21x66	21x66V-152	1906698.38	462152.54	60.19	2*
21x66	21x66V-153	1906698.38	462160.03	15.97	2*
21x66	21x66V-154	1906699.57	462195.10	14.27	2*
21x67	21x67V-1	1906701.93	462194.70	18.73	1
21x67	21x67V-2	1906704.42	462198.60	6.72	1
21x67	21x67V-3	1906707.05	462161.21	465.72	1
21x67	21x67V-4	1906710.99	462176.58	12.95	1
21x67	21x67V-5	1906712.96	462172.24	10.01	1
21x67	21x67V-6	1906728.09	462178.69	6.08	1
21x67	21x67V-7	1906731.48	462172.24	6.80	1
21x67	21x67V-8	1906736.60	462180.52	30.40	1
21x67	21x67V-9	1906738.18	462149.39	7.52	1
21x67	21x67V-10	1906738.18	462165.15	6.00	1
21x67	21x67V-11	1906756.30	462186.03	8.23	1
21x67	21x67V-12	1906756.70	462190.76	15.88	1
21x67	21x67V-13	1906799.24	462189.05	6.48	1
21x67	21x67V-14	1906700.39	462147.76	9.66	2
21x67	21x67V-15	1906701.54	462167.12	9.83	2
21x67	21x67V-16	1906701.87	462155.96	11.23	2
21x67	21x67V-17	1906702.72	462162.00	14.19	2
21x67	21x67V-18	1906705.09	462181.79	1771.72	2
21x67	21x67V-19	1906715.33	462175.40	13.84	2
21x67	21x67V-20	1906722.81	462143.48	478.45	2
21x67	21x67V-21	1906727.54	462168.30	6.54	2
21x67	21x67V-22	1906731.87	462147.42	872.92	2
21x67	21x67V-23	1906749.61	462199.81	25.74	2

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
21x67	21x67V-24	1906752.76	462198.25	229.19	2
21x67	21x67V-25	1906785.06	462199.43	5.47	2
22x60	22x60V-1	1906040.01	462292.41	12.14	1
22x60	22x60V-2	1906034.44	462281.11	11.01	2
22x60	22x60V-3	1906075.08	462251.04	6.78	2
22x61	22x61V-1	1906109.75	462269.96	5.76	1
22x61	22x61V-2	1906145.60	462257.74	14.97	1
22x61	22x61V-3	1906153.09	462255.77	10.29	1
22x61	22x61V-4	1906154.94	462249.13	7.98	1
22x61	22x61V-5	1906157.82	462214.40	5.48	1
22x61	22x61V-6	1906140.87	462244.74	5.52	2
22x61	22x61V-7	1906143.24	462243.16	10.70	2
22x61	22x61V-8	1906143.63	462256.17	14.32	2
22x61	22x61V-9	1906144.07	462249.59	12.04	2
22x61	22x61V-10	1906145.21	462262.47	5.61	2
22x61	22x61V-11	1906147.57	462255.77	10.70	2
22x61	22x61V-12	1906148.36	462247.10	10.74	2
22x61	22x61V-13	1906152.51	462258.96	5.91	2
22x61	22x61V-14	1906152.69	462253.41	9.29	2
22x61	22x61V-15	1906153.48	462243.95	7.56	2
22x61	22x61V-16	1906154.66	462246.32	9.73	2
22x61	22x61V-17	1906154.66	462261.29	6.41	2
22x61	22x61V-18	1906160.18	462251.44	6.82	2
22x61	22x61V-19	1906160.57	462249.07	7.82	2
22x61	22x61V-20	1906162.15	462264.44	7.71	2
22x61	22x61V-21	1906164.51	462266.80	6.31	2
22x61	22x61V-22	1906169.64	462248.29	7.03	2
22x63	22x63V-1	1906329.60	462207.70	28.71	1
22x63	22x63V-2	1906346.94	462206.52	5.52	1
22x63	22x63V-3	1906346.94	462291.63	12.93	1
22x63	22x63V-4	1906364.67	462201.40	13.27	1
22x63	22x63V-5	1906391.85	462211.25	6.99	1
22x63	22x63V-6	1906397.37	462204.16	8.71	1
22x63	22x63V-7	1906306.75	462224.25	6.81	2
22x63	22x63V-8	1906309.51	462225.04	6.86	2
22x63	22x63V-9	1906337.09	462225.83	7.31	2
22x63	22x63V-10	1906338.66	462224.25	5.34	2
22x63	22x63V-11	1906339.84	462200.22	5.57	2
22x63	22x63V-12	1906388.70	462233.71	5.93	2
22x64	22x64V-1	1906439.92	462275.08	13.18	1
22x64	22x64V-2	1906459.62	462266.80	5.41	1

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
22x64	22x64V-3	1906469.86	462258.92	8.59	1
22x64	22x64V-4	1906469.86	462261.68	6.61	1
22x64	22x64V-5	1906476.96	462258.92	8.23	1
22x64	22x64V-6	1906477.35	462250.26	6.31	1
22x64	22x64V-7	1906484.44	462240.41	7.71	1
22x64	22x64V-8	1906493.58	462225.72	8.07	1
22x64	22x64V-9	1906494.29	462275.08	6.81	1
22x64	22x64V-10	1906496.66	462226.22	14.09	1
22x64	22x64V-11	1906498.55	462235.80	10.99	1
22x64	22x64V-12	1906404.85	462256.17	6.49	2
22x64	22x64V-13	1906419.83	462219.92	5.33	2
22x64	22x64V-14	1906427.31	462280.20	9.09	2
22x64	22x64V-15	1906432.43	462228.59	5.39	2
22x64	22x64V-16	1906437.16	462208.89	5.98	2
22x64	22x64V-17	1906439.53	462205.73	7.54	2
22x64	22x64V-18	1906444.65	462269.17	5.01	2
22x64	22x64V-19	1906447.01	462292.02	6.23	2
22x64	22x64V-20	1906459.62	462204.55	6.71	2
22x64	22x64V-21	1906462.38	462260.89	8.11	2
22x64	22x64V-22	1906467.50	462207.31	12.03	2
22x64	22x64V-23	1906472.23	462254.98	7.12	2
22x64	22x64V-24	1906474.59	462254.20	5.07	2
22x64	22x64V-25	1906474.99	462245.13	6.21	2
22x64	22x64V-26	1906487.99	462258.92	6.35	2
22x64	22x64V-27	1906490.75	462256.56	5.29	2
22x64	22x64V-28	1906494.69	462277.84	7.18	2
22x64	22x64V-29	1906496.56	462240.19	11.32	2
22x64	22x64V-30	1906499.81	462233.71	10.35	2
22x64	22x64V-31	1906499.81	462238.83	22.07	2
22x64	22x64V-32	1906499.87	462269.96	6.32	2
22x65	22x65V-1	1906522.27	462252.62	7.45	1
22x65	22x65V-2	1906534.48	462254.98	5.10	1
22x65	22x65V-3	1906541.48	462204.87	6.60	1
22x65	22x65V-4	1906546.69	462212.43	7.79	1
22x65	22x65V-5	1906549.06	462253.80	8.20	1
22x65	22x65V-6	1906556.94	462280.99	5.27	1
22x65	22x65V-7	1906562.06	462244.35	9.00	1
22x65	22x65V-8	1906579.05	462276.23	12.95	1
22x65	22x65V-9	1906581.37	462201.40	5.68	1
22x65	22x65V-10	1906582.15	462270.35	5.83	1
22x65	22x65V-11	1906582.55	462260.89	12.68	1

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
22x65	22x65V-12	1906593.97	462236.07	5.47	1
22x65	22x65V-13	1906593.97	462247.50	6.82	1
22x65	22x65V-14	1906506.90	462261.68	5.54	2
22x65	22x65V-15	1906509.66	462275.08	6.65	2
22x65	22x65V-16	1906512.02	462227.80	5.47	2
22x65	22x65V-17	1906521.48	462257.35	9.49	2
22x65	22x65V-18	1906522.27	462250.26	6.14	2
22x65	22x65V-19	1906523.45	462215.19	6.34	2
22x65	22x65V-20	1906523.67	462268.10	5.45	2
22x65	22x65V-21	1906524.24	462243.56	7.74	2
22x65	22x65V-22	1906528.96	462204.16	7.31	2
22x65	22x65V-23	1906536.15	462278.62	7.64	2
22x65	22x65V-24	1906536.45	462203.37	5.68	2
22x65	22x65V-25	1906539.21	462225.04	5.01	2
22x65	22x65V-26	1906541.97	462275.47	8.66	2
22x65	22x65V-27	1906542.36	462283.75	7.89	2
22x65	22x65V-28	1906543.94	462215.58	5.13	2
22x65	22x65V-29	1906549.06	462218.74	10.89	2
22x65	22x65V-30	1906549.61	462201.93	6.97	2
22x65	22x65V-31	1906554.18	462268.38	6.02	2
22x65	22x65V-32	1906555.36	462202.21	8.98	2
22x65	22x65V-33	1906557.46	462207.67	7.97	2
22x65	22x65V-34	1906558.91	462200.61	10.70	2
22x65	22x65V-35	1906559.29	462239.08	5.31	2
22x65	22x65V-36	1906559.70	462252.62	6.05	2
22x65	22x65V-37	1906560.09	462262.08	5.30	2
22x65	22x65V-38	1906562.45	462257.35	11.25	2
22x65	22x65V-39	1906566.79	462244.35	10.04	2
22x65	22x65V-40	1906569.15	462274.68	10.41	2
22x65	22x65V-41	1906570.78	462287.45	5.35	2
22x65	22x65V-42	1906571.91	462246.32	5.18	2
22x65	22x65V-43	1906574.27	462279.02	8.28	2
22x65	22x65V-44	1906576.64	462223.46	6.02	2
22x65	22x65V-45	1906577.03	462265.23	5.76	2
22x65	22x65V-46	1906579.00	462221.49	5.18	2
22x65	22x65V-47	1906579.00	462286.90	7.26	2
22x65	22x65V-48	1906582.42	462278.20	89.77	2
22x65	22x65V-49	1906586.34	462272.03	1310.07	2
22x65	22x65V-50	1906586.88	462228.98	5.08	2
22x65	22x65V-51	1906588.85	462237.65	5.54	2
22x65	22x65V-52	1906591.11	462257.59	391.89	2

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
22x65	22x65V-53	1906595.94	462298.72	5.15	2
22x65	22x65V-54	1906597.91	462215.19	8.25	2
22x65	22x65V-55	1906598.70	462236.47	6.43	2
22x65	22x65V-56	1906599.10	462256.95	14.74	2
22x65	22x65V-57	1906599.24	462249.59	6.75	2
22x65	22x65V-58	1906599.49	462296.75	5.44	2
22x65	22x65V-59	1906599.88	462234.50	5.51	2
22x66	22x66V_P1A	1906637.09	462200.24	n/a	Polygon
22x66	22x66V_P1B	1906617.85	462214.56	n/a	Polygon
22x66	22x66V_P1C	1906622.98	462230.17	n/a	Polygon
22x66	22x66V_P1D	1906612.93	462253.90	n/a	Polygon
22x66	22x66V_P1E	1906600.10	462253.90	n/a	Polygon
22x66	22x66V_P1F	1906600.32	462284.25	n/a	Polygon
22x66	22x66V_P1G	1906605.66	462283.40	n/a	Polygon
22x66	22x66V_P1H	1906618.27	462289.81	n/a	Polygon
22x66	22x66V_P1I	1906630.03	462287.03	n/a	Polygon
22x66	22x66V_P1J	1906618.91	462273.78	n/a	Polygon
22x66	22x66V_P1K	1906618.27	462266.51	n/a	Polygon
22x66	22x66V_P1L	1906634.09	462265.87	n/a	Polygon
22x66	22x66V_P1M	1906646.28	462262.45	n/a	Polygon
22x66	22x66V_P1N	1906652.05	462271.00	n/a	Polygon
22x66	22x66V_P1O	1906660.39	462263.95	n/a	Polygon
22x66	22x66V_P1P	1906663.17	462255.82	n/a	Polygon
22x66	22x66V_P1Q	1906676.85	462259.67	n/a	Polygon
22x66	22x66V_P1R	1906699.51	462255.39	n/a	Polygon
22x66	22x66V_P1S	1906700.58	462244.92	n/a	Polygon
22x66	22x66V_P1T	1906689.25	462242.35	n/a	Polygon
22x66	22x66V_P1U	1906689.25	462232.73	n/a	Polygon
22x66	22x66V_P1V	1906693.52	462227.60	n/a	Polygon
22x66	22x66V_P1W	1906699.72	462231.67	n/a	Polygon
22x66	22x66V_P1X	1906699.51	462200.45	n/a	Polygon
22x66	22x66V-1	1906600.88	462248.77	6.17	1*
22x66	22x66V-2	1906601.07	462291.04	8.18	1*
22x66	22x66V-3	1906601.46	462216.37	7.17	1*
22x66	22x66V-4	1906601.54	462235.37	5.36	1*
22x66	22x66V-5	1906601.82	462294.72	7.35	1*
22x66	22x66V-6	1906605.13	462247.26	10.64	1*
22x66	22x66V-7	1906606.73	462294.24	7.91	1*
22x66	22x66V-8	1906606.92	462288.87	22.30	1*
22x66	22x66V-9	1906607.58	462250.65	19.80	1*
22x66	22x66V-10	1906608.52	462205.56	7.79	1*

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
22x66	22x66V-11	1906608.71	462208.95	5.74	1*
22x66	22x66V-12	1906608.95	462242.77	7.40	1*
22x66	22x66V-13	1906609.37	462291.98	15.85	1*
22x66	22x66V-14	1906610.41	462239.14	7.66	1*
22x66	22x66V-15	1906610.69	462299.06	17.48	1*
22x66	22x66V-16	1906613.14	462201.97	6.11	1*
22x66	22x66V-17	1906613.33	462290.94	7.40	1*
22x66	22x66V-18	1906613.81	462235.09	5.89	1*
22x66	22x66V-19	1906614.75	462241.50	5.43	1*
22x66	22x66V-20	1906615.41	462298.02	12.30	1*
22x66	22x66V-21	1906616.16	462204.23	16.55	1*
22x66	22x66V-22	1906617.61	462293.99	15.08	1*
22x66	22x66V-23	1906619.98	462296.75	7.63	1*
22x66	22x66V-24	1906621.55	462204.55	144.53	1*
22x66	22x66V-25	1906625.10	462290.84	16.89	1*
22x66	22x66V-26	1906625.41	462276.22	8.26	1*
22x66	22x66V-27	1906625.49	462294.38	9.88	1*
22x66	22x66V-28	1906625.49	462299.11	13.95	1*
22x66	22x66V-29	1906625.79	462204.52	8.38	1*
22x66	22x66V-30	1906626.17	462267.17	17.46	1*
22x66	22x66V-31	1906627.77	462296.04	9.51	1*
22x66	22x66V-32	1906629.37	462271.22	8.62	1*
22x66	22x66V-33	1906629.66	462275.47	9.82	1*
22x66	22x66V-34	1906630.22	462293.20	14.18	1*
22x66	22x66V-35	1906630.22	462297.26	8.08	1*
22x66	22x66V-36	1906632.68	462285.28	5.11	1*
22x66	22x66V-37	1906637.68	462291.79	5.02	1*
22x66	22x66V-38	1906640.07	462293.99	7.85	1*
22x66	22x66V-39	1906640.47	462297.54	7.63	1*
22x66	22x66V-40	1906647.49	462267.45	5.74	1*
22x66	22x66V-41	1906648.74	462199.82	50.32	1*
22x66	22x66V-42	1906654.26	462282.17	5.59	1*
22x66	22x66V-43	1906667.65	462290.84	5.82	1*
22x66	22x66V-44	1906693.26	462232.13	6.27	1*
22x66	22x66V-45	1906694.44	462286.50	9.66	1*
22x66	22x66V-46	1906694.76	462291.04	11.38	1*
22x66	22x66V-47	1906696.81	462279.02	6.04	1*
22x66	22x66V-48	1906697.60	462293.20	23.21	1*
22x66	22x66V-49	1906697.78	462295.47	14.09	1*
22x66	22x66V-50	1906600.50	462280.75	23.32	2*
22x66	22x66V-51	1906601.26	462256.03	16.23	2*

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
22x66	22x66V-52	1906605.22	462259.52	141.86	2*
22x66	22x66V-53	1906606.35	462271.41	1542.11	2*
22x66	22x66V-54	1906608.80	462276.98	27.66	2*
22x66	22x66V-55	1906608.99	462283.21	9.29	2*
22x66	22x66V-56	1906609.75	462255.09	12.59	2*
22x66	22x66V-57	1906610.22	462266.13	332.07	2*
22x66	22x66V-58	1906611.70	462259.32	68.62	2*
22x66	22x66V-59	1906616.82	462250.84	33.48	2*
22x66	22x66V-60	1906617.39	462257.45	29.45	2*
22x66	22x66V-61	1906617.96	462270.75	14.75	2*
22x66	22x66V-62	1906618.01	462283.75	11028.59	2*
22x66	22x66V-63	1906618.40	462282.56	11051.86	2*
22x66	22x66V-64	1906619.37	462246.79	10.82	2*
22x66	22x66V-65	1906619.75	462262.07	14.14	2*
22x66	22x66V-66	1906621.45	462213.01	10.08	2*
22x66	22x66V-67	1906621.45	462218.48	9.37	2*
22x66	22x66V-68	1906621.55	462240.80	28.41	2*
22x66	22x66V-69	1906621.83	462235.28	6.05	2*
22x66	22x66V-70	1906622.34	462253.80	66.14	2*
22x66	22x66V-71	1906623.52	462215.98	11.69	2*
22x66	22x66V-72	1906624.00	462210.37	12.32	2*
22x66	22x66V-73	1906624.00	462233.20	8.96	2*
22x66	22x66V-74	1906624.31	462251.83	62.52	2*
22x66	22x66V-75	1906626.28	462212.43	12.60	2*
22x66	22x66V-76	1906626.54	462224.90	11.71	2*
22x66	22x66V-77	1906626.92	462284.15	11.15	2*
22x66	22x66V-78	1906628.71	462227.35	21.40	2*
22x66	22x66V-79	1906628.71	462235.65	15.02	2*
22x66	22x66V-80	1906629.43	462246.71	67.27	2*
22x66	22x66V-81	1906629.43	462259.32	34.96	2*
22x66	22x66V-82	1906631.40	462218.34	46.48	2*
22x66	22x66V-83	1906631.80	462231.74	50.32	2*
22x66	22x66V-84	1906631.80	462245.53	66.82	2*
22x66	22x66V-85	1906631.83	462224.71	20.56	2*
22x66	22x66V-86	1906632.02	462253.20	14.36	2*
22x66	22x66V-87	1906632.02	462264.81	6.06	2*
22x66	22x66V-88	1906633.05	462209.90	18.60	2*
22x66	22x66V-89	1906634.16	462243.56	78.79	2*
22x66	22x66V-90	1906634.56	462255.77	19.60	2*
22x66	22x66V-91	1906636.07	462221.12	65.99	2*
22x66	22x66V-92	1906636.13	462242.77	76.08	2*

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
22x66	22x66V-93	1906636.26	462248.30	22.65	2*
22x66	22x66V-94	1906636.53	462206.52	17.79	2*
22x66	22x66V-95	1906636.54	462216.78	48.26	2*
22x66	22x66V-96	1906637.02	462261.98	9.82	2*
22x66	22x66V-97	1906638.50	462214.01	64.33	2*
22x66	22x66V-98	1906638.81	462231.88	139.76	2*
22x66	22x66V-99	1906638.89	462240.01	90.09	2*
22x66	22x66V-100	1906639.09	462251.69	12.11	2*
22x66	22x66V-101	1906639.19	462223.95	112.40	2*
22x66	22x66V-102	1906640.79	462205.74	27.78	2*
22x66	22x66V-103	1906641.17	462247.16	27.78	2*
22x66	22x66V-104	1906641.25	462202.58	31.12	2*
22x66	22x66V-105	1906642.04	462259.32	19.37	2*
22x66	22x66V-106	1906642.77	462208.95	21.08	2*
22x66	22x66V-107	1906643.05	462216.03	57.05	2*
22x66	22x66V-108	1906643.24	462231.50	64.62	2*
22x66	22x66V-109	1906643.43	462223.20	159.13	2*
22x66	22x66V-110	1906643.62	462237.65	160.12	2*
22x66	22x66V-111	1906646.38	462225.43	168.25	2*
22x66	22x66V-112	1906646.83	462241.13	27.14	2*
22x66	22x66V-113	1906647.02	462248.58	219.24	2*
22x66	22x66V-114	1906647.14	462253.80	873.75	2*
22x66	22x66V-115	1906648.35	462227.80	155.83	2*
22x66	22x66V-116	1906648.62	462214.42	119.92	2*
22x66	22x66V-117	1906650.70	462221.31	64.09	2*
22x66	22x66V-118	1906650.71	462215.58	141.37	2*
22x66	22x66V-119	1906650.98	462225.09	71.10	2*
22x66	22x66V-120	1906651.07	462233.86	95.03	2*
22x66	22x66V-121	1906651.36	462263.58	991.35	2*
22x66	22x66V-122	1906651.50	462248.68	398.24	2*
22x66	22x66V-123	1906652.11	462269.24	5.78	2*
22x66	22x66V-124	1906652.58	462228.77	102.04	2*
22x66	22x66V-125	1906654.00	462207.54	17.07	2*
22x66	22x66V-126	1906655.83	462202.98	17.79	2*
22x66	22x66V-127	1906655.83	462213.22	1880.03	2*
22x66	22x66V-128	1906655.83	462259.71	1175.85	2*
22x66	22x66V-129	1906656.26	462232.26	62.29	2*
22x66	22x66V-130	1906657.48	462248.83	436.52	2*
22x66	22x66V-131	1906658.62	462234.62	30.10	2*
22x66	22x66V-132	1906660.95	462221.10	64.56	2*
22x66	22x66V-133	1906660.95	462228.19	83.08	2*

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
22x66	22x66V-134	1906661.74	462200.61	28.18	2*
22x66	22x66V-135	1906662.68	462216.88	70.82	2*
22x66	22x66V-136	1906663.72	462239.99	39.23	2*
22x66	22x66V-137	1906663.98	462248.63	334.16	2*
22x66	22x66V-138	1906665.89	462231.88	39.89	2*
22x66	22x66V-139	1906666.08	462212.43	648.56	2*
22x66	22x66V-140	1906666.08	462223.46	52.58	2*
22x66	22x66V-141	1906667.65	462206.52	3692.35	2*
22x66	22x66V-142	1906667.65	462218.74	46.48	2*
22x66	22x66V-143	1906668.25	462227.92	43.46	2*
22x66	22x66V-144	1906668.53	462236.50	24.69	2*
22x66	22x66V-145	1906669.23	462249.07	415.86	2*
22x66	22x66V-146	1906670.41	462202.19	89.18	2*
22x66	22x66V-147	1906670.41	462219.52	41.51	2*
22x66	22x66V-148	1906670.79	462214.52	31.34	2*
22x66	22x66V-149	1906670.80	462209.28	491.77	2*
22x66	22x66V-150	1906673.56	462229.77	64.78	2*
22x66	22x66V-151	1906675.89	462221.88	18.12	2*
22x66	22x66V-152	1906675.93	462249.47	603.60	2*
22x66	22x66V-153	1906676.64	462215.46	13.48	2*
22x66	22x66V-154	1906677.30	462201.03	23.51	2*
22x66	22x66V-155	1906678.29	462234.89	43.09	2*
22x66	22x66V-156	1906678.53	462256.32	15.22	2*
22x66	22x66V-157	1906678.59	462242.34	37.52	2*
22x66	22x66V-158	1906678.68	462211.64	28.64	2*
22x66	22x66V-159	1906681.05	462227.40	46.48	2*
22x66	22x66V-160	1906681.05	462249.47	650.36	2*
22x66	22x66V-161	1906682.02	462208.10	40.60	2*
22x66	22x66V-162	1906683.06	462220.93	10.55	2*
22x66	22x66V-163	1906683.41	462201.40	72.24	2*
22x66	22x66V-164	1906683.72	462232.63	30.97	2*
22x66	22x66V-165	1906685.70	462226.03	16.02	2*
22x66	22x66V-166	1906685.78	462222.28	12.82	2*
22x66	22x66V-167	1906686.17	462249.86	445.68	2*
22x66	22x66V-168	1906686.36	462235.28	11.94	2*
22x66	22x66V-169	1906686.56	462240.41	16.89	2*
22x66	22x66V-170	1906687.87	462205.84	46.24	2*
22x66	22x66V-171	1906688.14	462216.37	22.54	2*
22x66	22x66V-172	1906689.76	462228.01	6.15	2*
22x66	22x66V-173	1906690.70	462219.52	13.40	2*
22x66	22x66V-174	1906690.98	462209.99	21.23	2*

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
22x66	22x66V-175	1906691.37	462249.95	514.71	2*
22x66	22x66V-176	1906691.46	462202.82	47.85	2*
22x66	22x66V-177	1906693.34	462222.07	8.95	2*
22x66	22x66V-178	1906693.53	462225.84	6.85	2*
22x66	22x66V-179	1906693.81	462215.93	7.92	2*
22x66	22x66V-180	1906694.76	462203.39	19.15	2*
22x66	22x66V-181	1906696.75	462250.05	333.38	2*
22x66	22x66V-182	1906697.99	462208.89	25.92	2*
22x66	22x66V-183	1906698.34	462205.46	22.51	2*
22x66	22x66V-184	1906698.78	462225.43	17.34	2*
22x67	22x67V-1	1906700.26	462225.51	20.74	1
22x67	22x67V-2	1906702.02	462213.01	9.04	1
22x67	22x67V-3	1906702.16	462206.07	8.93	1
22x67	22x67V-4	1906702.29	462251.67	15.72	1
22x67	22x67V-5	1906702.97	462294.42	7.15	1
22x67	22x67V-6	1906704.74	462217.90	11.43	1
22x67	22x67V-7	1906704.88	462289.80	6.85	1
22x67	22x67V-8	1906707.73	462220.35	10.05	1
22x67	22x67V-9	1906707.87	462251.34	7.10	1
22x67	22x67V-10	1906709.64	462207.71	5.30	1
22x67	22x67V-11	1906715.33	462251.83	9211.67	1
22x67	22x67V-12	1906718.87	462256.17	12624.46	1
22x67	22x67V-13	1906722.81	462279.81	12.10	1
22x67	22x67V-14	1906729.07	462261.12	6.06	1
22x67	22x67V-15	1906730.16	462257.18	5.38	1
22x67	22x67V-16	1906731.09	462298.72	18.91	1
22x67	22x67V-17	1906735.42	462251.44	7.82	1
22x67	22x67V-18	1906743.07	462231.90	8.19	1
22x67	22x67V-19	1906753.27	462299.18	6.25	1
22x67	22x67V-20	1906755.12	462236.07	5.30	1
22x67	22x67V-21	1906759.66	462212.19	5.51	1
22x67	22x67V-22	1906700.39	462221.16	7.21	2
22x67	22x67V-23	1906705.08	462255.77	6.06	2
22x67	22x67V-24	1906705.15	462202.68	5.30	2
22x67	22x67V-25	1906708.23	462277.05	7.57	2
22x67	22x67V-26	1906708.79	462258.03	11.11	2
22x67	22x67V-27	1906709.64	462266.83	6.81	2
22x67	22x67V-28	1906710.18	462200.77	7.56	2
22x67	22x67V-29	1906710.60	462272.71	10.09	2
22x67	22x67V-30	1906710.86	462218.31	13.48	2
22x67	22x67V-31	1906712.35	462221.71	5.64	2

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
22x67	22x67V-32	1906712.57	462211.25	11.10	2
22x67	22x67V-33	1906713.03	462286.13	5.06	2
22x67	22x67V-34	1906714.93	462232.13	7.57	2
22x67	22x67V-35	1906722.14	462220.62	5.83	2
22x67	22x67V-36	1906727.15	462235.68	5.05	2
22x67	22x67V-37	1906727.58	462272.81	5.58	2
22x67	22x67V-38	1906735.19	462235.71	5.79	2
22x67	22x67V-39	1906740.08	462223.88	5.24	2
22x67	22x67V-40	1906740.35	462256.77	6.29	2
22x67	22x67V-41	1906740.94	462299.11	5.30	2
22x67	22x67V-42	1906755.51	462263.65	5.05	2
22x67	22x67V-43	1906758.02	462239.65	9.60	2
22x67	22x67V-44	1906765.76	462291.23	12.61	2
22x67	22x67V-45	1906781.91	462225.04	8.07	2
23x59	23x59V-1	1905905.26	462329.45	6.34	1
23x59	23x59V-2	1905907.63	462339.30	5.08	1
23x59	23x59V-3	1905909.99	462350.73	13.13	1
23x59	23x59V-4	1905912.35	462361.36	13.07	1
23x59	23x59V-5	1905914.32	462381.85	7.28	1
23x59	23x59V-6	1905918.66	462369.24	5.22	1
23x59	23x59V-7	1905929.30	462365.30	6.68	1
23x59	23x59V-8	1905946.63	462373.97	32.75	1
23x59	23x59V-9	1905947.03	462370.82	17.68	1
23x59	23x59V-10	1905951.13	462370.58	11.89	1
23x59	23x59V-11	1905951.36	462376.34	12.20	1
23x59	23x59V-12	1905974.61	462397.22	8.63	1
23x59	23x59V-13	1905902.50	462386.58	176.39	2
23x59	23x59V-14	1905904.87	462382.64	10.30	2
23x59	23x59V-15	1905905.26	462398.40	18.78	2
23x59	23x59V-16	1905905.32	462389.26	6.14	2
23x59	23x59V-17	1905907.63	462331.42	8.49	2
23x59	23x59V-18	1905908.02	462325.12	7.74	2
23x59	23x59V-19	1905909.20	462399.64	5.21	2
23x59	23x59V-20	1905909.60	462395.25	5.43	2
23x59	23x59V-21	1905909.89	462347.05	5.34	2
23x59	23x59V-22	1905910.78	462319.21	14.41	2
23x59	23x59V-23	1905917.87	462336.94	6.04	2
23x59	23x59V-24	1905919.05	462366.88	5.33	2
23x59	23x59V-25	1905919.45	462379.49	6.41	2
23x59	23x59V-26	1905921.81	462372.79	5.49	2
23x59	23x59V-27	1905924.96	462335.36	5.75	2

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
23x59	23x59V-28	1905927.72	462329.45	5.31	2
23x59	23x59V-29	1905949.39	462379.88	8.20	2
23x59	23x59V-30	1905952.23	462309.14	5.31	2
23x59	23x59V-31	1905954.91	462310.14	70.67	2
23x59	23x59V-32	1905958.06	462317.24	146.36	2
23x59	23x59V-33	1905961.60	462368.46	5.61	2
23x59	23x59V-34	1905962.79	462304.23	20.25	2
23x59	23x59V-35	1905963.18	462308.17	49.45	2
23x59	23x59V-36	1905964.76	462311.72	51.74	2
23x59	23x59V-37	1905965.54	462315.66	5.63	2
23x59	23x59V-38	1905976.18	462394.85	5.09	2
23x59	23x59V-39	1905982.09	462398.79	4.92	2
23x59	23x59V-40	1905984.06	462385.79	5.34	2
23x59	23x59V-41	1905986.82	462374.76	8.54	2
23x61	23x61V-1	1906189.76	462395.20	25.17	1
23x61	23x61V-2	1906196.82	462399.19	479.96	1
23x61	23x61V-3	1906186.33	462386.25	3431.60	2
23x61	23x61V-4	1906198.29	462372.32	854.97	2
23x62	23x62V-1	1906206.11	462381.33	342.11	1
23x62	23x62V-2	1906248.83	462381.46	62.55	1
23x62	23x62V-3	1906271.68	462333.78	8.52	1
23x62	23x62V-4	1906200.38	462373.90	4194.42	2
23x62	23x62V-5	1906214.01	462392.79	1420.70	2
23x62	23x62V-6	1906214.16	462371.61	5.91	2
23x62	23x62V-7	1906216.80	462373.43	6.13	2
23x64	23x64V-1	1906411.95	462301.87	6.39	1
23x64	23x64V-2	1906470.26	462335.75	5.82	1
23x64	23x64V-3	1906493.11	462329.45	26.44	1
23x64	23x64V-4	1906497.84	462326.30	6.17	1
23x64	23x64V-5	1906417.86	462310.93	7.77	2
23x64	23x64V-6	1906435.19	462384.22	5.31	2
23x64	23x64V-7	1906477.79	462399.83	5.00	2
23x64	23x64V-8	1906488.78	462338.51	23.53	2
23x65	23x65V-1	1906500.20	462320.78	5.45	1
23x65	23x65V-2	1906581.76	462318.42	42.58	1
23x65	23x65V-3	1906596.73	462323.54	17.52	1
23x65	23x65V-4	1906511.63	462315.27	6.37	2
23x65	23x65V-5	1906516.75	462318.02	11.36	2
23x65	23x65V-6	1906519.90	462331.42	5.39	2
23x65	23x65V-7	1906525.02	462354.27	6.90	2
23x65	23x65V-8	1906532.51	462386.19	5.78	2

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
23x65	23x65V-9	1906542.75	462375.55	5.27	2
23x65	23x65V-10	1906549.45	462315.27	6.31	2
23x65	23x65V-11	1906554.18	462312.51	6.80	2
23x65	23x65V-12	1906559.70	462306.60	9.86	2
23x65	23x65V-13	1906584.91	462311.72	31.12	2
23x65	23x65V-14	1906594.76	462336.15	5.36	2
23x66	23x66V-1	1906611.70	462360.97	6.93	1
23x66	23x66V-2	1906614.86	462346.79	6.64	1
23x66	23x66V-3	1906640.07	462306.99	6.75	1
23x66	23x66V-4	1906651.89	462310.54	11.69	1
23x66	23x66V-5	1906671.59	462366.49	5.84	1
23x66	23x66V-6	1906675.14	462302.66	6.49	1
23x66	23x66V-7	1906677.50	462318.02	5.28	1
23x66	23x66V-8	1906697.20	462340.48	33.48	1
23x66	23x66V-9	1906605.01	462303.84	24.49	2
23x66	23x66V-10	1906609.73	462313.69	7.05	2
23x66	23x66V-11	1906612.10	462301.48	14.59	2
23x66	23x66V-12	1906614.46	462362.94	10.83	2
23x66	23x66V-13	1906614.86	462308.17	10.63	2
23x66	23x66V-14	1906621.55	462362.94	5.93	2
23x66	23x66V-15	1906622.34	462304.63	10.69	2
23x66	23x66V-16	1906624.71	462309.75	7.05	2
23x66	23x66V-17	1906627.25	462305.59	5.96	2
23x66	23x66V-18	1906629.92	462314.65	24.87	2
23x66	23x66V-19	1906632.01	462306.17	5.08	2
23x66	23x66V-20	1906632.19	462312.90	44.45	2
23x66	23x66V-21	1906635.34	462306.20	6.58	2
23x66	23x66V-22	1906636.92	462323.93	6.49	2
23x66	23x66V-23	1906639.68	462330.24	5.90	2
23x66	23x66V-24	1906642.04	462324.33	6.49	2
23x66	23x66V-25	1906642.44	462325.90	6.52	2
23x66	23x66V-26	1906644.80	462306.60	9.92	2
23x66	23x66V-27	1906647.16	462303.45	5.42	2
23x66	23x66V-28	1906659.77	462325.90	5.72	2
23x66	23x66V-29	1906662.14	462308.57	6.43	2
23x66	23x66V-30	1906667.26	462308.17	5.48	2
23x66	23x66V-31	1906671.59	462374.76	8.82	2
23x66	23x66V-32	1906676.32	462365.70	5.60	2
23x66	23x66V-33	1906677.11	462344.42	5.98	2
23x66	23x66V-34	1906679.08	462353.48	30.52	2
23x66	23x66V-35	1906681.44	462370.43	11.66	2

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
23x66	23x66V-36	1906684.62	462373.19	52.89	2
23x66	23x66V-37	1906687.75	462375.55	107.00	2
23x66	23x66V-38	1906688.93	462365.70	84.80	2
23x66	23x66V-39	1906689.32	462340.09	15.62	2
23x66	23x66V-40	1906692.08	462336.15	5.66	2
23x66	23x66V-41	1906694.05	462375.94	90.68	2
23x66	23x66V-42	1906699.37	462336.49	510.33	2
23x66	23x66V-43	1906699.57	462364.12	9.33	2
23x67	23x67V-1	1906701.45	462343.50	7.43	2
23x67	23x67V-2	1906701.93	462327.09	6.24	2
23x67	23x67V-3	1906702.32	462334.97	2214.55	2
23x67	23x67V-4	1906727.56	462300.88	5.82	2
23x67	23x67V-5	1906735.03	462301.48	6.50	2
23x67	23x67V-6	1906764.97	462331.03	7.14	2
23x67	23x67V-7	1906784.67	462306.99	5.04	2
23x67	23x67V-8	1906796.10	462330.24	6.13	2
23x67	23x67V-9	1906798.67	462336.58	8.86	2
24x58	24x58V-1	1905882.02	462431.50	6.98	1
24x58	24x58V-2	1905887.14	462432.28	16.05	1
24x58	24x58V-3	1905887.53	462418.10	61.79	1
24x58	24x58V-4	1905887.93	462454.74	11.87	1
24x58	24x58V-5	1905889.50	462406.28	69.69	1
24x58	24x58V-6	1905893.84	462440.95	12.25	1
24x58	24x58V-7	1905872.95	462457.89	9.67	2
24x58	24x58V-8	1905879.65	462450.41	10.19	2
24x58	24x58V-9	1905881.62	462435.83	8.35	2
24x58	24x58V-10	1905884.77	462444.89	7.28	2
24x58	24x58V-11	1905889.11	462448.83	44.37	2
24x58	24x58V-12	1905889.15	462414.24	15.13	2
24x58	24x58V-13	1905889.50	462399.98	24.18	2
24x58	24x58V-14	1905889.50	462440.95	12.29	2
24x58	24x58V-15	1905891.87	462442.53	11.96	2
24x58	24x58V-16	1905892.21	462454.49	10.20	2
24x58	24x58V-17	1905896.99	462404.70	7.87	2
24x58	24x58V-18	1905899.75	462401.95	11.79	2
24x58	24x58V-19	1905900.26	462462.27	5.39	2
24x59	24x59V-1	1905909.73	462456.26	11.27	1
24x59	24x59V-2	1905922.20	462459.08	8.34	1
24x59	24x59V-3	1905924.17	462405.49	10.10	1
24x59	24x59V-4	1905924.57	462402.34	5.12	1
24x59	24x59V-5	1905932.05	462405.49	8.56	1

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
24x59	24x59V-6	1905934.81	462404.70	8.95	1
24x59	24x59V-7	1905983.19	462464.87	5.63	1
24x59	24x59V-8	1905990.37	462470.11	8.40	1
24x59	24x59V-9	1905992.14	462460.57	6.02	1
24x59	24x59V-10	1905995.09	462472.47	5.20	1
24x59	24x59V-11	1905900.21	462448.21	17.98	2
24x59	24x59V-12	1905909.73	462460.11	6.48	2
24x59	24x59V-13	1905911.96	462457.89	16.23	2
24x59	24x59V-14	1905922.43	462429.28	5.03	2
24x59	24x59V-15	1905923.45	462414.20	10.02	2
24x59	24x59V-16	1905937.96	462420.86	7.33	2
24x59	24x59V-17	1905938.75	462407.86	33.38	2
24x59	24x59V-18	1905965.15	462481.93	5.15	2
24x59	24x59V-19	1905967.51	462480.35	5.70	2
24x59	24x59V-20	1905967.91	462459.47	6.00	2
24x59	24x59V-21	1905967.91	462461.44	7.16	2
24x59	24x59V-22	1905969.09	462425.59	9.26	2
24x59	24x59V-23	1905976.18	462452.38	5.15	2
24x59	24x59V-24	1905976.58	462489.02	10.92	2
24x59	24x59V-25	1905986.82	462463.97	6.51	2
24x59	24x59V-26	1905989.58	462401.55	9.08	2
24x59	24x59V-27	1905994.31	462475.23	6.61	2
24x59	24x59V-28	1905994.68	462468.14	5.00	2
24x59	24x59V-29	1905997.85	462458.68	9.06	2
24x60	24x60V-1	1906001.40	462425.59	7.11	1
24x60	24x60V-2	1906004.55	462451.20	54.61	1
24x60	24x60V-3	1906010.87	462476.36	12.11	1
24x60	24x60V-4	1906011.64	462463.41	12.87	1
24x60	24x60V-5	1906012.04	462492.57	5.49	1
24x60	24x60V-6	1906014.40	462467.35	5.07	1
24x60	24x60V-7	1906014.79	462451.20	14.97	1
24x60	24x60V-8	1906016.76	462452.77	12.41	1
24x60	24x60V-9	1906019.13	462453.56	11.34	1
24x60	24x60V-10	1906021.49	462482.32	8.26	1
24x60	24x60V-11	1906021.89	462458.68	11.24	1
24x60	24x60V-12	1906021.89	462489.02	7.72	1
24x60	24x60V-13	1906028.98	462452.38	9.81	1
24x60	24x60V-14	1906031.74	462459.86	11.37	1
24x60	24x60V-15	1906036.07	462464.20	7.94	1
24x60	24x60V-16	1906037.75	462493.31	16.53	1
24x60	24x60V-17	1906042.37	462497.69	40.28	1

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
24x60	24x60V-18	1906043.95	462459.08	24.66	1
24x60	24x60V-19	1906044.34	462486.26	5.20	1
24x60	24x60V-20	1906045.92	462477.99	5.83	1
24x60	24x60V-21	1906046.22	462490.73	9.04	1
24x60	24x60V-22	1906048.68	462442.13	16.54	1
24x60	24x60V-23	1906048.68	462447.65	7.75	1
24x60	24x60V-24	1906050.65	462490.60	17.04	1
24x60	24x60V-25	1906050.65	462498.08	449.22	1
24x60	24x60V-26	1906054.19	462494.54	490.37	1
24x60	24x60V-27	1906056.66	462498.71	21.56	1
24x60	24x60V-28	1906066.80	462499.66	12.65	1
24x60	24x60V-29	1906085.71	462483.90	17.93	1
24x60	24x60V-30	1906006.52	462442.53	5.45	2
24x60	24x60V-31	1906010.85	462459.86	6.98	2
24x60	24x60V-32	1906011.64	462470.50	7.09	2
24x60	24x60V-33	1906014.79	462472.87	9.55	2
24x60	24x60V-34	1906015.58	462476.41	14.55	2
24x60	24x60V-35	1906016.76	462499.26	36.80	2
24x60	24x60V-36	1906019.92	462490.20	7.98	2
24x60	24x60V-37	1906025.04	462492.57	5.41	2
24x60	24x60V-38	1906029.37	462434.65	5.60	2
24x60	24x60V-39	1906033.71	462451.59	5.60	2
24x60	24x60V-40	1906037.26	462497.85	10.50	2
24x60	24x60V-41	1906039.62	462474.84	7.64	2
24x60	24x60V-42	1906039.62	462486.26	5.67	2
24x60	24x60V-43	1906041.56	462454.02	5.98	2
24x60	24x60V-44	1906041.81	462462.49	8.87	2
24x60	24x60V-45	1906041.98	462485.08	5.05	2
24x60	24x60V-46	1906043.95	462457.11	26.97	2
24x60	24x60V-47	1906044.34	462496.11	36.48	2
24x60	24x60V-48	1906061.68	462500.05	12.88	2
24x60	24x60V-49	1906067.46	462471.58	10.88	2
24x60	24x60V-50	1906069.79	462457.09	7.78	2
24x60	24x60V-51	1906073.50	462456.71	14.41	2
24x60	24x60V-52	1906080.47	462499.93	5.82	2
24x61	24x61V-1	1906100.69	462469.71	6.36	2
24x61	24x61V-2	1906110.43	462470.39	7.85	2
24x61	24x61V-3	1906124.33	462411.80	5.09	2
24x61	24x61V-4	1906129.05	462451.59	5.43	2
24x61	24x61V-5	1906178.70	462416.52	8.04	2
24x66	24x66V-1	1906657.41	462407.07	5.80	1

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
24x66	24x66V-2	1906602.25	462439.77	5.03	2
24x66	24x66V-3	1906655.04	462413.37	5.43	2
25x55	25x55V-1	1905592.44	462587.06	17.41	1
25x55	25x55V-2	1905596.71	462574.27	370.74	1
25x56	25x56V-1	1905633.33	462557.75	5.16	1
25x56	25x56V-2	1905642.86	462593.04	8.33	1
25x56	25x56V-3	1905657.83	462509.90	5.45	1
25x56	25x56V-4	1905657.83	462515.42	6.14	1
25x56	25x56V-5	1905668.86	462570.58	7.24	1
25x56	25x56V-6	1905684.50	462537.08	6.07	1
25x56	25x56V-7	1905686.59	462567.03	5.84	1
25x56	25x56V-8	1905687.38	462530.78	11.92	1
25x56	25x56V-9	1905691.71	462577.87	33.72	1
25x56	25x56V-10	1905696.76	462534.12	7.01	1
25x56	25x56V-11	1905697.48	462554.70	5.57	1
25x56	25x56V-12	1905622.37	462593.82	5.55	2
25x56	25x56V-13	1905636.36	462594.42	6.12	2
25x56	25x56V-14	1905645.22	462531.18	5.74	2
25x56	25x56V-15	1905647.19	462591.85	5.55	2
25x56	25x56V-16	1905656.58	462561.53	6.79	2
25x56	25x56V-17	1905660.98	462574.91	18.59	2
25x56	25x56V-18	1905673.20	462565.85	6.44	2
25x56	25x56V-19	1905686.99	462533.79	15.80	2
25x57	25x57V-1	1905726.39	462533.54	8.05	1
25x57	25x57V-2	1905793.53	462594.12	11.22	1
25x57	25x57V-3	1905794.69	462578.63	9.20	1
25x57	25x57V-4	1905797.96	462586.32	10.10	1
25x57	25x57V-5	1905711.41	462551.27	7.35	2
25x57	25x57V-6	1905727.48	462510.24	6.55	2
25x57	25x57V-7	1905743.72	462593.04	25.41	2
25x57	25x57V-8	1905746.70	462534.94	6.92	2
25x57	25x57V-9	1905773.67	462578.85	5.50	2
25x57	25x57V-10	1905775.64	462519.36	9.90	2
25x57	25x57V-11	1905795.86	462573.97	5.13	2
25x57	25x57V-12	1905798.07	462582.12	6.56	2
25x57	25x57V-13	1905798.31	462591.21	5.90	2
25x60	25x60V-1	1906025.04	462565.46	5.19	1
25x60	25x60V-2	1906036.07	462590.67	6.13	1
25x60	25x60V-3	1906044.74	462525.66	8.80	1
25x60	25x60V-4	1906045.13	462502.02	524.89	1
25x60	25x60V-5	1906045.13	462596.19	8.08	1

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
25x60	25x60V-6	1906050.25	462582.79	6.49	1
25x60	25x60V-7	1906053.71	462528.90	5.79	1
25x60	25x60V-8	1906054.98	462580.82	5.35	1
25x60	25x60V-9	1906062.51	462502.49	9.21	1
25x60	25x60V-10	1906063.26	462582.00	10.00	1
25x60	25x60V-11	1906006.44	462507.77	5.76	2
25x60	25x60V-12	1906031.58	462592.84	6.85	2
25x60	25x60V-13	1906034.67	462548.24	16.80	2
25x60	25x60V-14	1906034.93	462545.79	13.22	2
25x60	25x60V-15	1906047.10	462523.30	5.00	2
25x60	25x60V-16	1906049.86	462594.61	6.95	2
25x60	25x60V-17	1906050.01	462506.09	6.27	2
25x60	25x60V-18	1906062.86	462554.82	5.35	2
25x60	25x60V-19	1906092.41	462547.33	4.93	2
25x61	25x61V-1	1906109.35	462528.81	8.51	1
25x61	25x61V-2	1906114.46	462503.70	5.07	1
25x61	25x61V-3	1906189.34	462501.23	12.56	1
25x61	25x61V-4	1906196.03	462505.96	5.04	2
25x66	25x66V-1	1906600.67	462589.49	5.81	2
26x56	26x56V-1	1905610.48	462672.36	7.49	1
26x56	26x56V-2	1905616.85	462658.05	30.70	1
26x56	26x56V-3	1905642.69	462602.93	9.01	1
26x56	26x56V-4	1905649.95	462694.69	14.15	1
26x56	26x56V-5	1905655.86	462696.26	7.65	1
26x56	26x56V-6	1905614.10	462644.65	5.91	2
26x56	26x56V-7	1905616.85	462648.59	5.91	2
26x56	26x56V-8	1905619.54	462624.24	5.68	2
26x58	26x58V-1	1905835.13	462621.40	6.13	1
26x58	26x58V-2	1905837.49	462615.10	5.15	1
26x58	26x58V-3	1905874.05	462642.49	5.69	1
26x58	26x58V-4	1905877.68	462646.62	6.05	1
26x58	26x58V-5	1905884.77	462628.89	5.92	1
26x58	26x58V-6	1905887.14	462626.92	5.53	1
26x58	26x58V-7	1905835.13	462635.98	6.95	2
26x58	26x58V-8	1905840.25	462635.19	5.87	2
26x58	26x58V-9	1905845.37	462636.38	8.91	2
26x58	26x58V-10	1905880.05	462647.80	6.89	2
26x58	26x58V-11	1905880.05	462698.23	5.19	2
26x58	26x58V-12	1905885.56	462641.50	8.67	2
27x56	27x56V-1	1905663.35	462708.87	17.45	1
27x57	27x57V-1	1905703.14	462757.73	16.49	1

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
27x57	27x57V-2	1905705.90	462792.79	10.90	1
27x57	27x57V-3	1905706.29	462753.00	6.54	1
27x57	27x57V-4	1905706.69	462742.76	8.26	1
27x57	27x57V-5	1905710.63	462767.18	26.13	1
27x57	27x57V-6	1905712.99	462769.15	19.83	1
27x57	27x57V-7	1905790.21	462792.79	371.28	1
27x57	27x57V-8	1905730.33	462798.31	5.60	2
27x57	27x57V-9	1905772.48	462783.73	5.53	2
27x58	27x58V-1	1905811.49	462774.67	6.17	1
27x58	27x58V-2	1905828.04	462768.37	5.61	1
27x58	27x58V-3	1905843.40	462764.43	8.58	1
27x58	27x58V-4	1905874.92	462725.42	5.53	1
27x58	27x58V-5	1905833.95	462770.73	5.58	2
27x58	27x58V-6	1905843.40	462715.57	98.50	2
27x58	27x58V-7	1905847.34	462758.52	5.40	2
27x58	27x58V-8	1905865.47	462739.21	4.91	2
27x58	27x58V-9	1905883.99	462716.75	6.14	2
28x57	28x57V-1	1905757.91	462820.37	7.58	1
28x57	28x57V-2	1905765.79	462818.40	5.52	1
28x57	28x57V-3	1905782.33	462801.07	9.07	1
28x57	28x57V-4	1905784.70	462813.68	8.46	1
28x57	28x57V-5	1905792.18	462811.31	7.64	1
28x57	28x57V-6	1905792.58	462813.68	8.09	1
28x57	28x57V-7	1905718.11	462800.67	5.64	2
28x57	28x57V-8	1905727.57	462809.74	5.97	2
28x57	28x57V-9	1905731.90	462801.86	7.60	2
28x57	28x57V-10	1905763.03	462819.98	5.14	2
28x57	28x57V-11	1905763.42	462834.16	5.11	2
28x57	28x57V-12	1905787.46	462801.46	5.87	2
28x57	28x57V-13	1905787.85	462816.83	6.10	2
28x57	28x57V-14	1905787.85	462819.19	6.00	2
28x57	28x57V-15	1905792.58	462803.83	5.67	2
28x58	28x58V-1	1905856.01	462823.13	18.04	1
28x61	28x61V-1	1906165.70	462845.98	8.11	1
28x61	28x61V-2	1906179.09	462866.87	7.92	2
28x61	28x61V-3	1906181.85	462866.08	6.26	2
28x62	28x62V-1	1906268.14	462835.35	8.91	1
28x62	28x62V-2	1906284.17	462829.26	5.54	1
28x62	28x62V-3	1906292.17	462828.25	6.02	1
28x62	28x62V-4	1906264.20	462818.80	16.57	2
28x62	28x62V-5	1906270.11	462832.98	5.89	2

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
28x62	28x62V-6	1906275.23	462830.62	5.40	2
28x62	28x62V-7	1906279.96	462829.44	29.56	2
28x63	28x63V-1	1906329.99	462827.47	6.28	1
28x63	28x63V-2	1906337.87	462818.40	8.51	1
28x63	28x63V-3	1906348.12	462831.01	6.47	1
28x63	28x63V-4	1906375.30	462837.71	6.92	1
28x63	28x63V-5	1906380.43	462837.71	6.59	1
28x63	28x63V-6	1906300.44	462825.10	5.81	2
28x63	28x63V-7	1906305.17	462825.50	9.73	2
28x63	28x63V-8	1906320.14	462801.86	17.92	2
28x63	28x63V-9	1906320.14	462817.22	10.27	2
28x63	28x63V-10	1906332.75	462819.19	6.51	2
28x63	28x63V-11	1906333.15	462833.77	8.69	2
28x63	28x63V-12	1906335.12	462828.65	7.46	2
28x63	28x63V-13	1906343.00	462819.59	5.00	2
28x63	28x63V-14	1906348.12	462820.37	12.19	2
28x63	28x63V-15	1906360.73	462839.29	7.79	2
28x63	28x63V-16	1906369.39	462821.95	5.07	2
32x58	32x58V-1	1905859.95	463216.74	5.20	1
32x58	32x58V-2	1905861.13	463218.31	5.20	1
32x58	32x58V-3	1905864.68	463262.05	6.23	1
32x58	32x58V-4	1905845.37	463204.13	6.86	2
32x58	32x58V-5	1905859.16	463263.62	6.87	2
32x63	32x63V-1	1906300.91	463278.93	6.71	2
32x63	32x63V-2	1906301.17	463228.78	5.75	2
32x63	32x63V-3	1906313.84	463245.89	8.21	2
32x63	32x63V-4	1906339.96	463227.87	5.78	2
32x63	32x63V-5	1906342.21	463229.35	13.54	2
32x63	32x63V-6	1906342.21	463232.10	11.05	2
32x63	32x63V-7	1906344.27	463233.48	5.18	2
32x63	32x63V-8	1906344.97	463259.29	5.39	2
32x63	32x63V-9	1906346.94	463258.90	5.74	2
32x63	32x63V-10	1906367.42	463222.25	5.44	2
32x63	32x63V-11	1906369.39	463220.68	5.91	2
32x63	32x63V-12	1906373.73	463252.99	7.19	2
33x62	33x62V_Buffer-1	1906205.10	463336.51	41.31	1
33x62	33x62V_Buffer-2	1906238.68	463368.05	23.26	1
33x62	33x62V_Buffer-3	1906245.28	463374.34	680.42	1
33x62	33x62V_Buffer-4	1906253.16	463381.04	7.31	1
33x62	33x62V_Buffer-5	1906256.84	463375.73	12.88	1
33x62	33x62V_Buffer-6	1906274.57	463373.93	7.04	1

Grid	Anomaly ID	X_WA_St_Pln_ft	Y_WA_St_Pln_ft	CH2_Response_mV	Class
33x62	33x62V_Buffer-7	1906292.96	463370.00	84.69	1
33x62	33x62V_Buffer-8	1906294.14	463379.46	15.31	1
33x62	33x62V_Buffer-9	1906300.44	463381.43	6.85	1
33x62	33x62V_Buffer-10	1906303.20	463367.25	7.37	1
33x62	33x62V_Buffer-11	1906316.60	463377.49	236.59	1
33x62	33x62V_Buffer-12	1906323.30	463351.49	203.84	1
33x62	33x62V_Buffer-13	1906331.57	463315.24	383.14	1
33x62	33x62V_Buffer-14	1906337.48	463350.30	5.09	1
33x62	33x62V_Buffer-15	1906345.37	463305.03	5.26	1
33x62	33x62V_Buffer-16	1906211.40	463351.88	68.56	2
33x62	33x62V_Buffer-17	1906212.41	463342.46	6.18	2
33x62	33x62V_Buffer-18	1906216.13	463360.94	77.34	2
33x62	33x62V_Buffer-19	1906224.80	463366.85	6.40	2
33x62	33x62V_Buffer-20	1906231.89	463362.12	132.54	2
33x62	33x62V_Buffer-21	1906233.46	463374.73	11.51	2
33x62	33x62V_Buffer-22	1906235.12	463365.37	23.78	2
33x62	33x62V_Buffer-23	1906240.30	463370.75	101.43	2

APPENDIX F. REPORT AND DATA DELIVERABLES (ON DVD)

APPENDIX D

DIG SHEETS

Subsurface Anomaly Investigation Results

Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
18X63	18X63_1	1906386.73	461889.75	12.61	1	11/18/2010	MD	50 Cal
18X63	18X63_2	1906391.46	461885.02	5.93	1	11/18/2010	CD	Nail
18X64	18X64_1	1906411.03	461864.00	9.72	1	11/10/2010	MD	0.45
18X64	18X64_2	1906422.58	461885.02	10.22	1	11/10/2010	MD	Cart
18X64	18X64_3	1906452.53	461875.17	63.68	1	11/10/2010	MD	0.5
18X64	18X64_4	1906455.68	461859.41	84.47	1	11/10/2010	MD	Cart
18X64	18X64_5	1906469.14	461894.31	5.11	1	11/10/2010	MD	Cart
18X64	18X64_6	1906471.83	461896.05	7.91	1	11/10/2010	MD	Cart
19X62	19X62_1	1906252.38	461996.91	340.98	1	12/8/2010		Buried Ditch
19X62	19X62_2	1906260.88	461994.24	53.93	1	12/8/2010		Buried Ditch/Bullets/Brass
19X62	19X62_3	1906268.92	461986.28	257.28	1	12/8/2010		Buried Ditch/Bullets/Brass
19X62	19X62_4	1906280.74	461976.03	819.56	1	12/8/2010		Buried Ditch/Bullets/Brass
19X62	19X62_5	1906281.14	461978.79	1006.68	1	12/8/2010		Buried Ditch/Bullets/Brass
19X62	19X62_6	1906285.47	461977.21	908.56	1	12/8/2010		Buried Ditch
19X62	19X62_7	1906290.20	461970.91	5.96	1	12/8/2010		Buried Ditch
19X62	19X62_8	1906295.45	461964.91	463.51	1	12/8/2010		Buried Ditch
19X63	19X63_1	1906303.99	461984.70	5.97	1	11/18/2010	MD	Brass
19X63	19X63_2	1906308.37	461999.47	5.70	1	11/18/2010	MD	Brass
19X63	19X63_3	1906312.73	461998.49	10.43	1	11/18/2010	MD, NF	Brass
19X63	19X63_4	1906317.37	461995.53	5.74	1	11/18/2010	MD	Primer
19X63	19X63_5	1906321.73	461995.96	9.12	1	11/18/2010	CD	Nail
19X63	19X63_6	1906322.11	461990.61	12.24	1	11/18/2010	NF	
19X63	19X63_7	1906322.51	461987.46	6.54	1	11/18/2010	CD	Nail
19X63	19X63_8	1906324.82	461984.14	11.10	1	11/18/2010	CD	Wire
19X63	19X63_9	1906326.05	461998.49	8.25	1	11/18/2010	CD	Nail
19X63	19X63_10	1906326.65	461991.32	5.59	1	11/18/2010	MD	Brass
19X63	19X63_11	1906330.78	461992.97	23.64	1	11/18/2010	CD	Scrap
19X63	19X63_12	1906336.91	461989.91	8.99	1	11/18/2010	CD	Wire
19X63	19X63_13	1906340.24	461991.40	13.76	1	11/18/2010	NF	
19X63	19X63_14	1906350.93	461999.34	6.15	1	11/18/2010	CD	Nail
19X63	19X63_15	1906351.82	461925.09	7.05	1	11/18/2010	CD	Wire
19X63	19X63_16	1906354.91	461981.75	6.87	1	11/18/2010	MD	Piece Grenade
19X63	19X63_17	1906357.18	461968.94	7.49	1	11/18/2010	CD	Scrap
19X63	19X63_18	1906358.36	461921.27	18.89	1	11/18/2010	CD	Nails
19X63	19X63_19	1906359.41	461928.88	17.94	1	11/18/2010	CD	Wire
19X63	19X63_20	1906364.79	461980.19	5.22	1	11/18/2010	NF	
19X63	19X63_21	1906366.64	461987.46	36.94	1	11/18/2010	CD	Rod
19X63	19X63_22	1906366.72	461939.85	10.53	1	11/18/2010	CD, MD	Staples, Brass
19X63	19X63_23	1906367.42	461960.27	8.06	1	11/18/2010	CD	Nail
19X63	19X63_24	1906370.18	461934.66	11.29	1	11/18/2010	NF	Raised Soil
19X63	19X63_25	1906371.36	461971.70	8.25	1	11/18/2010	CD	Nail
19X63	19X63_26	1906372.94	461907.87	29.34	1	11/18/2010	CD	Clasp
19X63	19X63_27	1906373.61	461997.92	5.53	1	11/18/2010	CD	Nail
19X63	19X63_28	1906373.73	461929.54	13.38	1	11/18/2010	CD	Nail
19X63	19X63_29	1906374.12	461939.39	8.44	1	11/18/2010	CD	Wire
19X63	19X63_30	1906376.85	461906.95	15.47	1	11/18/2010	MD, NF	Brass
19X63	19X63_31	1906377.27	461926.78	16.61	1	11/18/2010	CD	Flare Cap
19X63	19X63_32	1906379.24	461929.93	6.92	1	11/18/2010	CD	Bolt
19X63	19X63_33	1906381.91	461982.18	9.67	1	11/18/2010	CD	Nail
19X63	19X63_34	1906391.06	461951.60	7.30	1	11/18/2010	CD	Nail
19X63	19X63_35	1906391.06	461956.73	5.40	1	11/18/2010	NF	
19X63	19X63_36	1906392.74	461999.33	25.79	1	11/18/2010	CD	Nail
19X63	19X63_37	1906393.03	461977.21	7.87	1	11/18/2010	CD	Nail
19X64	19x64_1	1906402.10	461933.09	8.07	1	11/10/2010	CD	18
19X64	19x64_2	1906404.90	461937.01	10.88	1	11/10/2010	CD	18
19X64	19x64_3	1906406.82	461932.69	5.27	1	11/10/2010	CD	18
19X64	19x64_4	1906413.31	461945.36	6.97	1	11/10/2010	NF	
19X64	19x64_5	1906452.22	461988.14	6.23	1	11/10/2010	NF	
19X64	19x64_6	1906467.11	461980.37	115.32	1	11/10/2010	MD	54
19X64	19x64_7	1906488.78	461974.06	7.41	1	11/10/2010	NF	
19X64	19x64_8	1906491.53	461935.06	58.23	1	11/10/2010	MD	54
19X64	19x64_9	1906493.25	461974.95	7.01	1	11/10/2010	NF	
19X65	19X65_1	1906503.75	461945.30	12.47	1	11/24/2010	CD	Hinge
19X65	19X65_2	1906513.60	461938.60	168.42	1	11/24/2010	MD	Flare
19X65	19X65_3	1906541.97	461988.25	105.98	1	11/24/2010	MD	Grenade/Smoke
19X65	19X65_4	1906554.57	461988.64	64.75	1	11/24/2010	MD	Smoke
20X61	20X61_1	1906155.41	462099.09	5.20	1	12/8/2010	NF	Bullets
20X61	20X61_2	1906159.00	462096.60	6.69	1	12/8/2010	NF	Bullets
20X61	20X61_3	1906162.94	462094.63	7.43	1	12/8/2010	NF	Bullets
20X61	20X61_4	1906170.97	462090.04	5.14	1	12/8/2010	NF	Bullets
20X61	20X61_5	1906174.76	462087.14	6.90	1	12/8/2010	NF	Bullets
20X61	20X61_6	1906179.55	462074.84	6.34	1	12/8/2010	NF	Bullets
20X61	20X61_7	1906183.03	462073.74	24.51	1	12/8/2010	CD	Wire
20X61	20X61_8	1906185.51	462078.38	5.63	1	12/8/2010	CD	Wire

Subsurface Anomaly Investigation Results

Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
20X61	20X61_9	1906191.31	462053.65	9.87	1	12/8/2010	CD	Wire
20X61	20X61_10	1906195.25	462066.26	6143.85	1	12/8/2010	CD	Barbed Wire
20X61	20X61_11	1906196.03	462074.14	444.19	1	12/8/2010	CD	Barbed Wire
20X62	20X62_1	1906213.95	462070.24	9.00	1	12/8/2010	CD	Wire
20X62	20X62_2	1906222.83	462060.35	5.72	1	12/8/2010	NF	Brass/Bullets
20X62	20X62_3	1906237.29	462056.12	5.20	1	12/8/2010	CD	Nail
20X62	20X62_4	1906240.16	462070.59	5.72	1	12/8/2010	CD	Brass/Bullets
20X62	20X62_5	1906240.56	462097.78	6.09	1	12/8/2010	CD	Bracket
20X62	20X62_6	1906247.25	462029.62	5.17	1	12/8/2010	NF	Brass/Bullets
20X62	20X62_7	1906249.62	462093.05	45.65	1	12/8/2010	CD	Bolt
20X62	20X62_8	1906256.32	462063.11	19.09	1	12/8/2010	CD	Nail
20X62	20X62_9	1906256.33	462078.72	5.33	1	12/8/2010	NF	
20X62	20X62_10	1906256.71	462025.28	7.21	1	12/8/2010	CD	Nail
20X62	20X62_11	1906258.68	462069.02	29.31	1	12/8/2010	CD	Brass/Bullets/Nail
20X62	20X62_12	1906260.51	462082.53	14.67	1	12/8/2010	CD	Nail
20X62	20X62_13	1906260.87	462099.60	14.58	1	12/8/2010	NF	Brass/Bullets
20X62	20X62_14	1906261.00	462076.88	39.90	1	12/8/2010	CD	Nail
20X62	20X62_15	1906263.01	462063.89	28.75	1	12/8/2010	CD	Rod
20X62	20X62_16	1906265.30	462082.53	7.55	1	12/8/2010	NF	Brass/Bullets
20X62	20X62_17	1906266.17	462076.50	27.45	1	12/8/2010	CD	Nail
20X62	20X62_18	1906268.14	462095.41	7.77	1	12/8/2010	NF	Brass/Bullets
20X62	20X62_19	1906268.49	462067.42	48.55	1	12/8/2010	NF	Brass/Bullets
20X62	20X62_20	1906268.49	462071.96	39.31	1	12/8/2010	CD	Nail
20X62	20X62_21	1906270.50	462044.19	7.02	1	12/8/2010	NF	Brass/Bullets
20X62	20X62_22	1906273.26	462057.98	10948.62	1	12/8/2010	CD	Buried Barrel
20X62	20X62_23	1906274.05	462076.90	22.25	1	12/8/2010	CD	Rod
20X62	20X62_24	1906274.05	462083.99	5.91	1	12/8/2010	NF	Brass/Bullets
20X62	20X62_25	1906276.41	462087.53	5.35	1	12/8/2010	CD	Nail
20X62	20X62_26	1906276.80	462071.77	7.21	1	12/8/2010	NF	Brass/Bullets
20X62	20X62_27	1906279.17	462024.49	5.35	1	12/8/2010	NF	Brass/Bullets
20X62	20X62_28	1906281.63	462068.03	6.79	1	12/8/2010	NF	Brass/Bullets
20X62	20X62_29	1906281.93	462075.71	7.77	1	12/8/2010	CD	Scrap
20X62	20X62_30	1906281.93	462079.65	6.28	1	12/8/2010	CD	Nail
20X62	20X62_31	1906284.29	462059.56	14.26	1	12/8/2010	CD	Nail
20X62	20X62_32	1906284.33	462064.96	9.12	1	12/8/2010	NF	
20X62	20X62_33	1906286.87	462061.55	16.53	1	12/8/2010	CD	Nail
20X62	20X62_34	1906289.02	462069.80	5.91	1	12/8/2010	CD	Nail
20X62	20X62_35	1906291.46	462072.21	6.54	1	12/8/2010	CD	Wire
20X62	20X62_36	1906291.78	462065.47	7.58	1	12/8/2010	CD	Nail
20X62	20X62_37	1906294.28	462070.61	6.00	1	12/8/2010	CD	Nail
20X62	20X62_38	1906296.90	462045.38	11.85	1	12/8/2010	CD	Nail
20X62	20X62_39	1906297.11	462076.63	9.11	1	12/8/2010	CD	Scrap
20X62	20X62_40	1906297.35	462080.56	6.50	1	12/8/2010	NF	Brass/Bullets
20X62	20X62_41	1906299.66	462050.89	9.07	1	12/8/2010	CD	Brass/Bullets/Nail
20X62	20X62_42	1906300.05	462072.96	12.22	1	12/8/2010	CD	Nail
20X63	20X63_1	1906301.24	462077.98	6.05	1	11/18/2010	MD	Brass
20X63	20X63_2	1906301.43	462081.68	7.20	1	11/18/2010	MD	Brass
20X63	20X63_3	1906302.02	462012.67	9.91	1	11/18/2010	CD	Wire
20X63	20X63_4	1906304.38	462006.55	8.17	1	11/18/2010	CD/MD	Scrap/Brass
20X63	20X63_5	1906304.38	462049.71	10.30	1	11/18/2010	CD	Nail
20X63	20X63_6	1906306.05	462097.11	7.56	1	11/18/2010	MD	Brass
20X63	20X63_7	1906306.60	462040.46	6.90	1	11/18/2010	Md	Brass
20X63	20X63_8	1906308.72	462090.69	5.23	1	11/18/2010	CD	Nail
20X63	20X63_9	1906309.90	462004.40	18.48	1	11/18/2010	CD	Nail
20X63	20X63_10	1906311.87	462036.71	6.79	1	11/18/2010	MD	Brass
20X63	20X63_11	1906313.72	462075.58	6.17	1	11/18/2010	CD/MD	Nail/Brass
20X63	20X63_12	1906316.40	462004.24	5.39	1	11/18/2010	MD	Brass/Bullets
20X63	20X63_13	1906316.60	462077.68	14.58	1	11/18/2010	CD/MD	Nail/Brass
20X63	20X63_14	1906319.35	462001.28	7.12	1	11/18/2010	MD	Brass/Cart
20X63	20X63_15	1906319.36	462004.40	6.59	1	11/18/2010	CD/MD	Nail/Brass
20X63	20X63_16	1906322.11	462057.98	10.10	1	11/18/2010	MD	Brass
20X63	20X63_17	1906322.68	462095.73	7.80	1	11/18/2010	CD	Nail
20X63	20X63_18	1906328.81	462081.23	6.79	1	11/18/2010	CD	Nail
20X63	20X63_19	1906328.83	462055.67	5.16	1	11/18/2010	MD	Brass
20X63	20X63_20	1906333.77	462038.34	5.44	1	11/18/2010	MD	Brass
20X63	20X63_21	1906333.93	462073.74	5.03	1	11/18/2010	MD	Brass
20X63	20X63_22	1906339.06	462002.04	13.81	1	11/18/2010	CD	Scrap/Nails
20X63	20X63_23	1906341.16	462074.66	12.94	1	11/18/2010	CD/MD	Nail/Brass
20X63	20X63_24	1906341.72	462008.58	6.74	1	11/18/2010	NF	
20X63	20X63_25	1906344.21	462044.16	7.70	1	11/18/2010	CD	Scrap
20X63	20X63_26	1906346.15	462046.95	11.47	1	11/18/2010	MD	Brass/Rocks
20X63	20X63_27	1906348.17	462082.85	5.41	1	11/18/2010	CD/MD	Nail/Brass
20X63	20X63_28	1906348.74	462018.29	5.76	1	11/18/2010	CD	Scrap
20X63	20X63_29	1906348.74	462071.79	7.53	1	11/18/2010	CD	Washer

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
20X63	20X63_30	1906353.73	462051.74	5.18	1	11/18/2010	MD	Brass
20X63	20X63_31	1906354.01	462075.86	7.45	1	11/18/2010	MD	Brass
20X63	20X63_32	1906354.03	462079.26	9.71	1	11/18/2010	CD	Nail
20X63	20X63_33	1906357.80	462075.67	12.11	1	11/18/2010	MD	Brass
20X63	20X63_34	1906357.97	462085.17	5.03	1	11/18/2010	MD	Brass
20X63	20X63_35	1906361.12	462062.32	5.42	1	11/18/2010	MD	Brass
20X63	20X63_36	1906367.03	462010.70	6.40	1	11/18/2010	CD	Nail
20X63	20X63_37	1906368.61	462004.79	21.21	1	11/18/2010	CD	Metal Rod
20X63	20X63_38	1906371.36	462006.37	48.50	1	11/18/2010	NF	See #37
20X63	20X63_39	1906372.86	462098.50	5.20	1	11/18/2010	MD	Brass/Bullets
20X63	20X63_40	1906373.23	462030.48	5.97	1	11/18/2010	CD	Nail
20X63	20X63_41	1906378.06	462098.96	7.96	1	11/18/2010	MD	Brass/Bullets
20X63	20X63_42	1906384.04	462029.19	26.72	1	11/18/2010	CD	Nut/Bolt/Scrap
20X63	20X63_43	1906385.15	462035.57	12.80	1	11/18/2010	SEED	SEED
20X63	20X63_44	1906393.82	462013.86	75.98	1	11/18/2010	CD	Pipe
20X63	20X63_45	1906393.84	462004.70	6.94	1	11/18/2010	MD	Primer
20X64	20X64_1	1906400.52	462083.20	6.26	1	11/10/2010	CD	Wire
20X64	20X64_2	1906402.88	462020.16	5.60	1	11/10/2010	NF	
20X64	20X64_3	1906405.16	462072.60	6.14	1	11/10/2010	NF	
20X64	20X64_4	1906407.43	462071.05	6.60	1	11/10/2010	NF	
20X64	20X64_5	1906407.61	462068.23	7.58	1	11/10/2010	CD	Metal
20X64	20X64_6	1906408.99	462031.39	24.04	1	11/10/2010	CD	Metal
20X64	20X64_7	1906412.73	462026.46	16.32	1	11/10/2010	CD	Nail
20X64	20X64_8	1906414.26	462030.40	7.45	1	11/10/2010	CD	Nail
20X64	20X64_9	1906417.86	462085.17	148.33	1	11/10/2010	CD	Iron
20X64	20X64_10	1906419.87	462034.06	5.22	1	11/10/2010	CD	Wire
20X64	20X64_11	1906422.19	462040.25	6.26	1	11/10/2010	CD	Wire
20X64	20X64_12	1906425.56	462077.47	44.94	1	11/10/2010	CD	Rod
20X64	20X64_13	1906425.97	462080.64	34.48	1	11/10/2010	CD	Rod
20X64	20X64_14	1906427.19	462020.32	6.66	1	11/10/2010	CD	Metal
20X64	20X64_15	1906429.68	462043.80	21.60	1	11/10/2010	MD	SMK
20X64	20X64_16	1906430.36	462085.52	6.47	1	11/10/2010	CD	Nail
20X64	20X64_17	1906432.55	462071.95	5.56	1	11/10/2010	CD	Nail
20X64	20X64_18	1906435.98	462036.31	20.94	1	11/10/2010	CD	Nail/Wire
20X64	20X64_19	1906436.37	462049.71	9.23	1	11/10/2010	CD	Nail
20X64	20X64_20	1906436.77	462022.13	5.60	1	11/10/2010	CD	Nail
20X64	20X64_21	1906436.77	462027.25	11.37	1	11/10/2010	CD	Nail
20X64	20X64_22	1906437.16	462015.43	9.72	1	11/10/2010	CD	Rod
20X64	20X64_23	1906439.92	462011.89	22.76	1	11/10/2010	NF	
20X64	20X64_24	1906442.15	462096.82	6.97	1	11/10/2010	NF	
20X64	20X64_25	1906442.23	462015.12	5.70	1	11/10/2010	NF	
20X64	20X64_26	1906442.28	462030.01	20.78	1	11/10/2010	CD	Bolt/Nail
20X64	20X64_27	1906443.21	462027.47	9.48	1	11/10/2010	CD	Nail
20X64	20X64_28	1906444.67	462098.21	123.60	1	11/10/2010	CD	Rod
20X64	20X64_29	1906448.19	462019.77	10.71	1	11/10/2010	MD/CD	Cart/Wire
20X64	20X64_30	1906448.19	462023.31	6.59	1	11/10/2010	CD	Nail
20X64	20X64_31	1906450.60	462025.20	5.71	1	11/10/2010	NF	
20X64	20X64_32	1906451.35	462017.40	5.27	1	11/10/2010	CD	Wire
20X64	20X64_33	1906458.44	462055.23	106.08	1	11/10/2010	MD	Flare
20X64	20X64_34	1906459.23	462074.14	6.42	1	11/10/2010	MD	BUI
20X64	20X64_35	1906461.34	462097.15	16.10	1	11/10/2010	CD	Steel
20X64	20X64_36	1906463.56	462053.26	45.53	1	11/10/2010	CD	Nail
20X64	20X64_37	1906467.11	462063.82	9.13	1	11/10/2010	CD	Nail
20X64	20X64_38	1906467.50	462066.26	10.71	1	11/10/2010	CD	Nail
20X64	20X64_39	1906471.42	462087.55	15.09	1	11/10/2010	CD	Metal/Nail
20X64	20X64_40	1906471.83	462074.93	9.56	1	11/10/2010	MD/CD	Metal/Brass
20X64	20X64_41	1906477.35	462070.59	8.24	1	11/10/2010	MD	Brass
20X64	20X64_42	1906479.32	462061.53	12.53	1	11/10/2010	MD	Brass
20X64	20X64_43	1906484.05	462081.62	7.41	1	11/10/2010	CD	Nail
20X64	20X64_44	1906486.62	462089.75	5.96	1	11/10/2010	CD	Nail
20X64	20X64_45	1906489.17	462087.53	11.21	1	11/10/2010	CD	Nail
20X64	20X64_46	1906491.82	462085.77	7.33	1	11/10/2010	CD	Nail
20X64	20X64_47	1906496.46	462084.87	8.28	1	11/10/2010	CD	BUI
20X65	20X65_1	1906500.20	462000.85	6.74	1	11/24/2010	NF	
20X65	20X65_2	1906511.23	462091.08	6.64	1	11/24/2010	CD	Scrap
20X65	20X65_3	1906513.20	462063.89	5.81	1	11/24/2010	CD	Scrap
20X65	20X65_4	1906517.00	462019.50	14.06	1	11/24/2010	CD	Wire
20X65	20X65_5	1906520.69	462019.37	15.60	1	11/24/2010	CD	Wire
20X65	20X65_6	1906524.63	462090.69	7.88	1	11/24/2010	CD	Bolt
20X65	20X65_7	1906524.63	462092.66	9.07	1	11/24/2010	CD	Bolt
20X65	20X65_8	1906537.63	462026.07	10.73	1	11/24/2010	CD	Scrap
20X65	20X65_9	1906548.27	462067.05	10.96	1	11/24/2010	MD	Smoke Grenade
20X65	20X65_10	1906556.54	462074.93	20.61	1	11/24/2010	MD	Smoke Grenade
20X65	20X65_11	1906558.12	462098.96	69.89	1	11/24/2010	CD	Scrap

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
20X65	20X65_12	1906564.42	462074.14	28.27	1	11/24/2010	MD	Flare
20X65	20X65_13	1906565.61	462093.44	12.94	1	11/24/2010	CD	Wire
20X65	20X65_14	1906566.79	462074.14	23.51	1	11/24/2010	MD	Flare
20X65	20X65_15	1906579.79	462005.01	37.73	1	11/24/2010	NF	
20X65	20X65_16	1906581.37	462036.71	69.11	1	11/24/2010	MD	Smoke Grenade
20X65	20X65_17	1906584.91	462061.53	6.21	1	11/24/2010	NF	
20X65	20X65_18	1906587.67	462067.83	1606.27	1	11/24/2010		Buried possible drum at 36+" deep
20X65	20X65_19	1906588.06	462096.20	182.76	1	11/24/2010	CD/MD	Drum Parts/Spoon/Brass
20X65	20X65_20	1906594.37	462097.38	12.63	1	11/24/2010	CD	Scrap
20X65	20X65_21	1906596.34	462070.99	332.35	1	11/24/2010	CD	Pipe/Buried Items 12+"
20X65	20X65_22	1906596.34	462086.75	184.62	1	11/24/2010		Buried Over 12"
20X65	20X65_23	1906598.31	462069.41	464.55	1	11/24/2010		Same as flag #21/Drum at 36" deep
20X65	20X65_24	1906598.70	462087.14	131.08	1	11/24/2010		Buried Over 12" Deep - Large Area. Connected to flag #
20X66	20X66_1	1906601.62	462068.89	64.88	1	11/21/2010		Deeper than 2'
20X66	20X66_2	1906602.25	462087.14	374.11	1	11/21/2010		Deeper than 2'
20X66	20X66_3	1906604.22	462046.95	50.44	1	11/21/2010	MD	Flare
20X66	20X66_4	1906604.22	462065.08	155.24	1	11/21/2010		Deeper than 2'
20X66	20X66_5	1906606.98	462062.71	148.00	1	11/21/2010		Deeper than 2'
20X66	20X66_6	1906610.52	462068.23	35.38	1	11/21/2010	CD	Wire (Buried)
20X66	20X66_7	1906612.49	462066.65	37.41	1	11/21/2010	CD	Wire (Buried)
20X66	20X66_8	1906615.25	462060.74	5.92	1	11/21/2010	NF	
20X66	20X66_9	1906623.92	462057.50	31.46	1	11/21/2010	CD	Scrap
20X66	20X66_10	1906624.51	462092.33	7.09	1	11/21/2010	CD	Wire
20X66	20X66_11	1906627.07	462074.53	24.14	1	11/21/2010	CD	Scrap
20X66	20X66_12	1906627.07	462095.41	39.43	1	11/21/2010	CD	Nails
20X66	20X66_13	1906638.10	462078.08	202.60	1	11/21/2010		Deeper than 2'
20X66	20X66_14	1906641.45	462079.53	95.16	1	11/21/2010		Deeper than 2'
21X60	21X60_1	1906041.59	462183.28	5.80	1	12/6/2010	NF	Bullets
21X60	21X60_2	1906077.44	462141.91	113.93	1	12/6/2010	CD	Target Debris
21X60	21X60_3	1906080.99	462149.39	40.55	1	12/6/2010	MD	Rfile Grenade
21X60	21X60_4	1906083.74	462144.66	10.06	1	12/6/2010	NF	Bullets
21X60	21X60_5	1906085.87	462147.36	6.14	1	12/6/2010	NF	Bullets
21X60	21X60_6	1906099.90	462179.73	32.05	1	12/6/2010	MD	Rifle Grenade
21X61	21X61_1	1906101.28	462179.52	40.02	1	12/8/2010	NF	See 21X60_6
21X61	21X61_2	1906106.20	462153.33	5.21	1	12/8/2010	CD	Scrap
21X61	21X61_3	1906110.54	462128.51	7.15	1	12/8/2010	NF	
21X61	21X61_4	1906123.93	462136.39	21.85	1	12/8/2010	MD	Rifle Grenade
21X61	21X61_5	1906126.30	462194.70	8.78	1	12/8/2010	CD	Scrap
21X61	21X61_6	1906132.07	462118.59	5.52	1	12/8/2010	NF	
21X61	21X61_7	1906134.18	462176.97	8.10	1	12/8/2010	CD	Scrap
21X61	21X61_8	1906134.96	462167.91	5.90	1	12/8/2010	CD	Scrap.
21X61	21X61_9	1906143.24	462182.09	414.40	1	12/8/2010	CD	Pipe
21X61	21X61_10	1906145.60	462175.40	10.24	1	12/8/2010	MD	Flare Cap
21X61	21X61_11	1906148.36	462152.94	25.88	1	12/8/2010	CD	Scrap
21X61	21X61_12	1906151.12	462162.00	82.48	1	12/8/2010	CD	Scrap
21X61	21X61_13	1906152.69	462166.33	58.68	1	12/8/2010	CD	Scrap
21X61	21X61_14	1906155.85	462143.48	8.85	1	12/8/2010	CD	Scrap
21X61	21X61_15	1906161.36	462157.67	20.63	1	12/8/2010	CD	Scrap
21X61	21X61_16	1906162.83	462161.36	5.54	1	12/8/2010	CD	Scrap
21X61	21X61_17	1906162.94	462145.06	8.76	1	12/8/2010	CD	Scrap
21X61	21X61_18	1906163.33	462167.91	22.09	1	12/8/2010	CD	Scrap
21X61	21X61_19	1906166.09	462173.03	17.13	1	12/8/2010	CD	Scrap
21X61	21X61_20	1906166.18	462158.20	8.31	1	12/8/2010	CD	Scrap
21X61	21X61_21	1906168.06	462143.88	7.28	1	12/8/2010	CD	Scrap
21X61	21X61_22	1906168.06	462163.97	619.41	1	12/8/2010		Buried Pipe
21X61	21X61_23	1906170.82	462180.12	17.09	1	12/8/2010	CD	Scrap
21X61	21X61_24	1906172.79	462137.18	25.57	1	12/8/2010	CD	Scrap
21X61	21X61_25	1906173.18	462160.03	621.97	1	12/8/2010		Buried Pipe
21X61	21X61_26	1906175.66	462146.11	36.67	1	12/8/2010	CD	Scrap
21X61	21X61_27	1906176.96	462136.17	5.24	1	12/8/2010	CD	Scrap
21X61	21X61_28	1906177.52	462141.51	67.33	1	12/8/2010	CD	Scrap
21X61	21X61_29	1906177.91	462156.48	690.91	1	12/8/2010		Buried Pipe
21X61	21X61_30	1906182.64	462152.94	643.50	1	12/8/2010		Buried Pipe
21X61	21X61_31	1906182.91	462158.48	5.94	1	12/8/2010	NF	Bullets/Brass
21X61	21X61_32	1906183.43	462138.75	14.61	1	12/8/2010	CD	Scrap
21X61	21X61_33	1906187.76	462149.79	519.71	1	12/8/2010		Buried Pipe
21X61	21X61_34	1906192.49	462145.85	573.23	1	12/8/2010		Buried Pipe
21X61	21X61_35	1906196.82	462142.30	612.74	1	12/8/2010		Buried Pipe
21X62	21X62_1	1906201.55	462138.75	637.51	1	12/8/2010		Buried Pipe
21X62	21X62_2	1906206.67	462172.24	433.40	1	12/8/2010		Buried Pipe
21X62	21X62_3	1906207.07	462135.60	494.74	1	12/8/2010		Buried Pipe
21X62	21X62_4	1906211.79	462132.06	1051.35	1	12/8/2010		Buried Pipe
21X62	21X62_5	1906247.25	462104.08	8.60	1	12/8/2010	CD	Nail
21X62	21X62_6	1906247.25	462108.42	18.36	1	12/8/2010	CD	Nail/Brass

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21X62	21X62_7	1906250.80	462148.21	5.95	1	12/8/2010	NF	Brass/Bullets
21X62	21X62_8	1906258.29	462171.06	8.15	1	12/8/2010	NF	Brass/Bullets
21X62	21X62_9	1906258.48	462103.52	7.92	1	12/8/2010	CD	Nail
21X62	21X62_10	1906259.82	462126.05	5.66	1	12/8/2010	CD	Nail
21X62	21X62_11	1906259.86	462191.55	591.12	1	12/8/2010		Buried Pipe
21X62	21X62_12	1906261.79	462176.69	10.30	1	12/8/2010	NF	Brass/Bullets/Deeper than 12"
21X62	21X62_13	1906263.01	462134.81	8.40	1	12/8/2010	CD	Wire
21X62	21X62_14	1906264.98	462180.12	5.39	1	12/8/2010	NF	Brass/Bullets
21X62	21X62_15	1906266.17	462112.75	15.24	1	12/8/2010	CD	Nail
21X62	21X62_16	1906269.32	462187.22	8.17	1	12/8/2010	CD	Nail
21X62	21X62_17	1906270.88	462142.17	6.19	1	12/8/2010	NF	Brass/Bullets
21X62	21X62_18	1906273.65	462120.24	42.14	1	12/8/2010	MD	Slap Flare
21X62	21X62_19	1906274.05	462125.75	6.21	1	12/8/2010	CD	Nail
21X62	21X62_20	1906276.41	462154.91	17.07	1	12/8/2010	NF	Brass/Bullets
21X62	21X62_21	1906281.14	462191.55	28.98	1	12/8/2010	CD	Wire
21X62	21X62_22	1906282.32	462144.66	57.77	1	12/8/2010	MD	Brass Pit
21X62	21X62_23	1906285.47	462188.00	28.03	1	12/8/2010	CD	Scrap
21X62	21X62_24	1906294.53	462103.29	83.29	1	12/8/2010	CD	Post
21X62	21X62_25	1906294.93	462105.66	108.20	1	12/8/2010	CD	Post
21X63	21X63_1	1906303.99	462167.52	9.08	1	11/18/2010	MD	Brass Cart
21X63	21X63_2	1906303.99	462172.64	28.82	1	11/18/2010	CD	Metal Rod
21X63	21X63_3	1906308.32	462163.97	9.17	1	11/18/2010	CD,MD	Bolt, Bullets
21X63	21X63_4	1906308.72	462172.24	24.78	1	11/18/2010	CD	Metal Rod
21X63	21X63_5	1906309.11	462168.70	17.42	1	11/18/2010	CD	Nail, Rod
21X63	21X63_6	1906309.11	462178.15	11.42	1	11/18/2010	NF	
21X63	21X63_7	1906309.11	462182.09	39.33	1	11/18/2010	CD	Metal Rods
21X63	21X63_8	1906314.23	462162.39	128.66	1	11/18/2010	CD	
21X63	21X63_9	1906314.25	462103.58	5.44	1	11/18/2010	MD	Brass
21X63	21X63_10	1906318.17	462103.69	5.71	1	11/18/2010	NF	
21X63	21X63_11	1906318.17	462183.67	20.63	1	11/18/2010	CD	Wire
21X63	21X63_12	1906323.27	462146.78	5.30	1	11/18/2010	MD	Brass
21X63	21X63_13	1906323.30	462108.81	5.64	1	11/18/2010	MD	Brass
21X63	21X63_14	1906323.69	462136.00	5.71	1	11/18/2010	NF	
21X63	21X63_15	1906323.69	462164.36	5.42	1	11/18/2010	NF	
21X63	21X63_16	1906326.84	462143.09	16.47	1	11/18/2010	CD	Scrap, Nail
21X63	21X63_17	1906328.02	462136.78	10.92	1	11/18/2010	CD	Bolt
21X63	21X63_18	1906328.84	462168.37	6.04	1	11/18/2010	CD	Nail
21X63	21X63_19	1906330.10	462120.35	5.09	1	11/18/2010	CD	Nail
21X63	21X63_20	1906330.39	462166.24	7.52	1	11/18/2010	CD	Nail
21X63	21X63_21	1906330.39	462103.29	8.45	1	11/18/2010	CD, MD	Nails, Brass Bucket
21X63	21X63_22	1906330.78	462151.76	5.00	1	11/18/2010	NF	
21X63	21X63_23	1906335.90	462164.76	6.53	1	11/18/2010	NF	
21X63	21X63_24	1906336.69	462160.42	39.14	1	11/18/2010	CD	Metal Rod
21X63	21X63_25	1906342.21	462197.85	7.42	1	11/18/2010	CD,MD	Nail, Brass
21X63	21X63_26	1906343.78	462169.09	17.90	1	11/18/2010	CD	Nails
21X63	21X63_27	1906350.48	462199.04	6.44	1	11/18/2010	CD	Nails
21X63	21X63_28	1906357.32	462195.31	5.50	1	11/18/2010	MD	Brass
21X63	21X63_29	1906357.97	462122.21	373.52	1	11/18/2010	CD	Bracket
21X63	21X63_30	1906361.95	462125.89	7.28	1	11/18/2010	CD	Nail
21X63	21X63_31	1906372.94	462143.09	7.34	1	11/18/2010	CD	Nail
21X63	21X63_32	1906373.02	462109.49	5.07	1	11/18/2010	MD	Brass
21X63	21X63_33	1906375.25	462117.87	5.33	1	11/18/2010	CD	Nail
21X63	21X63_34	1906385.15	462132.84	22.20	1	11/18/2010	CD	Horse Shoe
21X63	21X63_35	1906385.15	462176.58	7.89	1	11/18/2010	NF	
21X63	21X63_36	1906387.70	462115.45	5.51	1	11/18/2010	MD	Brass
21X63	21X63_37	1906389.88	462134.81	8.74	1	11/18/2010	CD	Nail
21X63	21X63_38	1906391.06	462198.64	6.04	1	11/18/2010	MD	Brass
21X63	21X63_39	1906392.64	462116.69	27.52	1	11/18/2010	CD, MD	Brass, Nails
21X63	21X63_40	1906392.72	462147.18	5.05	1	11/18/2010	MD	Brass
21X63	21X63_41	1906395.40	462141.12	6.35	1	11/18/2010	NF	Hot Rock
21X63	21X63_42	1906396.58	462121.02	11.38	1	11/18/2010	MD, CD	Nail, Brass
21X63	21X63_43	1906396.97	462127.92	8.07	1	11/18/2010	MD	Brass
21X64	21X64_1	1906400.49	462198.94	11.02	1	11/10/2010	MD	Cart Case
21X64	21X64_2	1906400.65	462130.36	8.32	1	11/10/2010	MD	Cart Case
21X64	21X64_3	1906401.05	462122.23	6.63	1	11/10/2010	MD	Cart Case
21X64	21X64_4	1906401.13	462126.54	8.57	1	11/10/2010	MD	Cart Case
21X64	21X64_5	1906402.32	462133.47	13.55	1	11/10/2010	MD	Cart Case
21X64	21X64_6	1906405.25	462118.66	215.65	1	11/10/2010	CD	Metal
21X64	21X64_7	1906405.25	462134.42	24.74	1	11/10/2010	MD	Cart Case
21X64	21X64_8	1906405.25	462198.64	18.63	1	11/10/2010	MD	Brass
21X64	21X64_9	1906407.22	462137.18	18.80	1	11/10/2010	MD	Cart Case
21X64	21X64_10	1906409.65	462128.05	5.13	1	11/10/2010	MD	Brass
21X64	21X64_11	1906409.65	462133.70	6.40	1	11/10/2010	CD, MD	Bolt, Brass
21X64	21X64_12	1906410.21	462199.26	12.51	1	11/10/2010	MD	Brass

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
21X64	21X64_13	1906413.13	462165.94	6.09	1	11/10/2010	MD	Brass
21X64	21X64_14	1906414.70	462139.94	8.57	1	11/10/2010	MD	Brass
21X64	21X64_15	1906415.10	462198.64	12.36	1	11/10/2010	MD	Brass
21X64	21X64_16	1906415.22	462195.36	7.09	1	11/10/2010	MD	Brass
21X64	21X64_17	1906417.86	462141.91	13.02	1	11/10/2010	MD	Brass
21X64	21X64_18	1906417.86	462150.57	5.10	1	11/10/2010	MD	Brass
21X64	21X64_19	1906417.86	462199.43	14.84	1	11/10/2010	MD	Brass
21X64	21X64_20	1906418.25	462169.88	16.32	1	11/10/2010	MD	Brass, SMK
21X64	21X64_21	1906419.83	462195.88	11.37	1	11/10/2010	MD	Brass Nail
21X64	21X64_22	1906420.22	462116.30	6.59	1	11/10/2010	CD	Nail
21X64	21X64_23	1906421.01	462180.91	7.58	1	11/10/2010	MD	Brass
21X64	21X64_24	1906422.19	462138.36	5.43	1	11/10/2010	MD	Brass
21X64	21X64_25	1906422.58	462128.12	6.59	1	11/10/2010	MD	Brass
21X64	21X64_26	1906425.02	462151.07	5.45	1	11/10/2010	MD	Brass
21X64	21X64_27	1906425.74	462183.28	15.33	1	11/10/2010	MD, CD	Brass
21X64	21X64_28	1906425.74	462194.70	5.60	1	11/10/2010	MD	Brass
21X64	21X64_29	1906427.41	462152.34	9.95	1	11/10/2010	MD	Brass
21X64	21X64_30	1906427.71	462141.12	7.08	1	11/10/2010	MD	Brass
21X64	21X64_31	1906427.73	462180.30	8.17	1	11/10/2010	MD	Brass
21X64	21X64_32	1906428.45	462195.91	8.62	1	11/10/2010	MD	Brass
21X64	21X64_33	1906429.68	462136.39	7.58	1	11/10/2010	MD	Brass
21X64	21X64_34	1906430.07	462182.88	14.01	1	11/10/2010	MD	Brass
21X64	21X64_35	1906431.25	462142.50	8.07	1	11/10/2010	MD	Brass
21X64	21X64_36	1906432.43	462123.39	23.75	1	11/10/2010	CD	Nail
21X64	21X64_37	1906432.43	462193.13	73.08	1	11/10/2010	MD	Flare
21X64	21X64_38	1906432.99	462177.12	9.30	1	11/10/2010	MD	Brass
21X64	21X64_39	1906433.22	462186.82	28.53	1	11/10/2010	CD	Brass, Wire
21X64	21X64_40	1906434.80	462194.70	69.29	1	11/10/2010	CD	Metal
21X64	21X64_41	1906435.59	462179.73	24.74	1	11/10/2010	MD	Brass
21X64	21X64_42	1906438.34	462158.06	12.20	1	11/10/2010	MD	Brass
21X64	21X64_43	1906438.34	462172.64	21.77	1	11/10/2010	CD, MD	Nail, Brass
21X64	21X64_44	1906438.34	462191.94	19.62	1	11/10/2010	MD	Brass
21X64	21X64_45	1906439.92	462184.84	16.30	1	11/10/2010	MD	Brass
21X64	21X64_46	1906439.92	462197.07	51.47	1	11/10/2010	MD	Brass Pit
21X64	21X64_47	1906440.25	462179.03	14.25	1	11/10/2010	CD	Nail
21X64	21X64_48	1906440.31	462174.61	27.87	1	11/10/2010	MD	Brass
21X64	21X64_49	1906440.31	462188.79	19.29	1	11/10/2010	MD	Brass
21X64	21X64_50	1906443.02	462177.75	13.72	1	11/10/2010	MD	Brass
21X64	21X64_51	1906443.66	462192.73	16.82	1	11/10/2010	MD	Brass Pit
21X64	21X64_52	1906444.65	462100.93	272.24	1	11/10/2010	NF	Re-check with EM 61
21X64	21X64_53	1906445.04	462150.18	6.09	1	11/10/2010	MD	Brass
21X64	21X64_54	1906445.04	462174.21	6.26	1	11/10/2010	NF	
21X64	21X64_55	1906445.44	462186.82	28.86	1	11/10/2010	MD	Brass Pit
21X64	21X64_56	1906447.17	462191.06	16.85	1	11/10/2010	MD	Brass
21X64	21X64_57	1906448.59	462181.31	15.50	1	11/10/2010	CD	Nail
21X64	21X64_58	1906449.38	462117.87	6.75	1	11/10/2010	CD	Nail
21X64	21X64_59	1906450.16	462188.79	21.44	1	11/10/2010	MD	Brass
21X64	21X64_60	1906452.58	462179.98	30.67	1	11/10/2010	CD	Nail
21X64	21X64_61	1906454.50	462107.63	5.60	1	11/10/2010	CD	Nail
21X64	21X64_62	1906455.12	462190.91	5.00	1	11/10/2010	MD	Brass
21X64	21X64_63	1906455.37	462175.20	20.39	1	11/10/2010	CD	Nail
21X64	21X64_64	1906455.68	462179.73	47.84	1	11/10/2010	CD	Nail
21X64	21X64_65	1906455.68	462186.43	23.09	1	11/10/2010	CD	Wire
21X64	21X64_66	1906457.26	462145.45	9.06	1	11/10/2010	NF	
21X64	21X64_67	1906457.44	462195.20	8.28	1	11/10/2010	CD	Nail
21X64	21X64_68	1906457.65	462192.34	12.86	1	11/10/2010	CD	Nail
21X64	21X64_69	1906457.76	462182.13	37.41	1	11/10/2010	CD	Nail, Wire
21X64	21X64_70	1906457.84	462173.69	13.08	1	11/10/2010	NF	
21X64	21X64_71	1906459.62	462188.79	5.93	1	11/10/2010	MD	Brass
21X64	21X64_72	1906460.71	462170.66	12.69	1	11/10/2010	MD	Brass
21X64	21X64_73	1906460.80	462174.21	18.96	1	11/10/2010	MD	Brass
21X64	21X64_74	1906462.62	462162.78	5.70	1	11/10/2010	MD	Brass
21X64	21X64_75	1906462.99	462182.56	6.51	1	11/10/2010	MD	Brass
21X64	21X64_76	1906463.56	462171.46	15.50	1	11/10/2010	MD	Brass
21X64	21X64_77	1906463.95	462160.23	6.01	1	11/10/2010	NF	
21X64	21X64_78	1906464.35	462106.05	6.42	1	11/10/2010	MD	Brass
21X64	21X64_79	1906464.77	462165.80	14.22	1	11/10/2010	MD	Brass
21X64	21X64_80	1906465.53	462168.70	19.13	1	11/10/2010	MD	Brass
21X64	21X64_81	1906466.71	462103.29	9.06	1	11/10/2010	CD	Nail
21X64	21X64_82	1906467.89	462180.91	5.43	1	11/10/2010	MD	Brass
21X64	21X64_83	1906469.47	462101.72	5.76	1	11/10/2010	NF	
21X64	21X64_84	1906469.86	462137.57	12.86	1	11/10/2010	CD	Wire
21X64	21X64_85	1906470.35	462164.85	5.72	1	11/10/2010	MD	Brass
21X64	21X64_86	1906470.35	462169.55	6.10	1	11/10/2010	MD	Brass

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
21X64	21X64_87	1906471.44	462177.76	8.40	1	11/10/2010	MD	Brass
21X64	21X64_88	1906472.62	462183.67	26.55	1	11/10/2010	MD	SMK
21X64	21X64_89	1906474.99	462176.58	23.25	1	11/10/2010	CD	Nail
21X64	21X64_90	1906475.38	462167.12	5.10	1	11/10/2010	CD	Nail
21X64	21X64_91	1906476.56	462122.21	7.74	1	11/10/2010	MD, CD	Wire
21X64	21X64_92	1906477.35	462107.63	9.23	1	11/10/2010	CD	Nail
21X64	21X64_93	1906477.36	462179.43	8.72	1	11/10/2010	CD	Nail
21X64	21X64_94	1906478.93	462105.66	6.92	1	11/10/2010	MD	Brass
21X64	21X64_95	1906479.71	462170.67	65.16	1	11/10/2010	CD	Bolt
21X64	21X64_96	1906482.08	462162.79	10.05	1	11/10/2010	CD	Bolt
21X64	21X64_97	1906482.29	462169.31	12.23	1	11/10/2010	NF	
21X64	21X64_98	1906484.05	462149.39	6.42	1	11/10/2010	CD	Nail
21X64	21X64_99	1906484.76	462173.05	7.55	1	11/10/2010	CD	Nail
21X64	21X64_100	1906486.81	462150.18	6.42	1	11/10/2010	CD	Nail
21X64	21X64_101	1906486.81	462160.82	10.55	1	11/10/2010	CD	Nail
21X64	21X64_102	1906488.38	462136.78	5.76	1	11/10/2010	MD, CD	Metal Cart
21X64	21X64_103	1906488.38	462140.33	5.10	1	11/10/2010	MD	Brass
21X64	21X64_104	1906491.93	462181.70	7.91	1	11/10/2010	MD	Link, Brass
21X64	21X64_105	1906492.32	462162.79	6.26	1	11/10/2010	CD	Nail
21X64	21X64_106	1906493.50	462152.15	7.58	1	11/10/2010	CD	Nail
21X64	21X64_107	1906494.29	462156.88	11.04	1	11/10/2010	MD, CD	Clip, Cart
21X64	21X64_108	1906496.66	462146.24	10.88	1	11/10/2010	MD	Cart
21X64	21X64_109	1906496.66	462149.00	7.25	1	11/10/2010	MD	Nail
21X64	21X64_110	1906496.66	462154.91	6.59	1	11/10/2010	CD	Nail
21X64	21X64_111	1906497.84	462110.78	17.31	1	11/10/2010	CD	Rod
21X64	21X64_112	1906498.23	462151.76	7.08	1	11/10/2010	MD	Spoon
21X65	21X65_1	1906500.20	462130.87	21.91	1	11/24/2010	NF	
21X65	21X65_2	1906500.60	462156.48	6.33	1	11/24/2010	NF	
21X65	21X65_3	1906502.96	462130.48	16.40	1	11/24/2010	NF	
21X65	21X65_4	1906502.96	462160.82	10.65	1	11/24/2010	CD	Nails
21X65	21X65_5	1906503.35	462133.63	24.99	1	11/24/2010	CD	Nails
21X65	21X65_6	1906505.32	462131.66	11.84	1	11/24/2010	NF	
21X65	21X65_7	1906506.11	462101.72	8.66	1	11/24/2010	CD	Nails
21X65	21X65_8	1906508.48	462144.66	6.48	1	11/24/2010	NF	
21X65	21X65_9	1906510.05	462146.63	5.12	1	11/24/2010	NF	
21X65	21X65_10	1906510.45	462124.18	11.70	1	11/24/2010	CD	Wire
21X65	21X65_11	1906510.84	462103.69	8.55	1	11/24/2010	CD	Scrap
21X65	21X65_12	1906512.42	462123.39	15.32	1	11/24/2010	CD	Wire
21X65	21X65_13	1906512.81	462131.27	5.82	1	11/24/2010	CD	Nails
21X65	21X65_14	1906513.20	462106.05	5.13	1	11/24/2010	NF	
21X65	21X65_15	1906519.51	462102.90	7.95	1	11/24/2010	NF	
21X65	21X65_16	1906520.30	462105.26	6.66	1	11/24/2010	CD	Nails
21X65	21X65_17	1906520.69	462112.36	5.33	1	11/24/2010	CD	Scrap
21X65	21X65_18	1906524.63	462165.94	30.84	1	11/24/2010	CD	Wire
21X65	21X65_19	1906525.02	462128.12	11.13	1	11/24/2010	NF	
21X65	21X65_20	1906527.78	462120.57	51.08	1	11/24/2010	CD	Can
21X65	21X65_21	1906529.40	462129.03	40.14	1	11/24/2010	NF	
21X65	21X65_22	1906532.51	462125.36	6620.27	1	11/24/2010	NF	
21X65	21X65_23	1906535.66	462119.45	5.85	1	11/24/2010	CD	Can
21X65	21X65_24	1906535.69	462127.52	369.04	1	11/24/2010	NF	
21X65	21X65_25	1906541.18	462126.54	5.65	1	11/24/2010	NF	
21X65	21X65_26	1906541.18	462129.30	4.97	1	11/24/2010	NF	
21X65	21X65_27	1906541.97	462134.81	8.08	1	11/24/2010	NF	
21X65	21X65_28	1906542.36	462133.24	7.03	1	11/24/2010	NF	
21X65	21X65_29	1906543.54	462177.76	4.98	1	11/24/2010	NF	ROAD
21X65	21X65_30	1906544.33	462197.46	7.75	1	11/24/2010	CD	Spark Plug
21X65	21X65_31	1906546.30	462199.04	8.54	1	11/24/2010	MD	Smoke Grenade
21X65	21X65_32	1906549.45	462193.91	5.60	1	11/24/2010	NF	
21X65	21X65_33	1906550.63	462136.39	9.76	1	11/24/2010	MD	.50 Cal
21X65	21X65_34	1906552.21	462193.91	10.18	1	11/24/2010	NF	
21X65	21X65_35	1906554.33	462199.29	8.22	1	11/24/2010	CD	Wire
21X65	21X65_36	1906556.54	462193.52	8.82	1	11/24/2010	CD	Nail
21X65	21X65_37	1906556.94	462196.67	13.38	1	11/24/2010	NF	
21X65	21X65_38	1906558.51	462197.46	16.23	1	11/24/2010	CD	Nail
21X65	21X65_39	1906558.91	462120.24	158.60	1	11/24/2010	NF	Brass
21X65	21X65_40	1906560.88	462198.64	17.64	1	11/24/2010	NF	
21X65	21X65_41	1906561.67	462194.31	7.99	1	11/24/2010	NF	
21X65	21X65_42	1906562.85	462199.43	18.43	1	11/24/2010	NF	
21X65	21X65_43	1906566.39	462195.88	11.10	1	11/24/2010	CD	Bolt
21X65	21X65_44	1906568.43	462193.24	7.20	1	11/24/2010	CD	Nail
21X65	21X65_45	1906571.12	462103.29	5.85	1	11/24/2010	NF	
21X65	21X65_46	1906571.91	462190.37	15.94	1	11/24/2010	NF	
21X65	21X65_47	1906572.70	462100.54	5.61	1	11/24/2010	NF	
21X65	21X65_48	1906574.27	462191.55	15.27	1	11/24/2010	CD	Nail

Subsurface Anomaly Investigation Results

Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
21X65	21X65_49	1906575.06	462188.00	14.14	1	11/24/2010	CD	Can
21X65	21X65_50	1906575.85	462178.55	14.17	1	11/24/2010	CD	Nails
21X65	21X65_51	1906579.00	462112.36	12.32	1	11/24/2010	MD/CD	Grenade & Fuse
21X65	21X65_52	1906580.18	462191.55	18.50	1	11/24/2010	CD/MD	Nail&LIMT
21X65	21X65_53	1906582.55	462192.73	14.37	1	11/24/2010	NF	
21X65	21X65_54	1906583.04	462198.53	13.43	1	11/24/2010	CD	Nail
21X65	21X65_55	1906583.73	462184.06	19.06	1	11/24/2010	CD	Wire
21X65	21X65_56	1906585.30	462194.25	7.88	1	11/24/2010	NF	
21X65	21X65_57	1906588.06	462199.82	32.05	1	11/24/2010	CD	Nail
21X65	21X65_58	1906592.00	462172.00	8.65	1	11/24/2010	CD	Wwire
21X65	21X65_59	1906593.97	462199.82	5.88	1	11/24/2010	CD	Wire & Can
21X65	21X65_60	1906598.70	462173.82	2037.51	1	11/24/2010	CD	Pole in Ground
21X65	21X65_61	1906598.90	462103.84	11.23	1	11/24/2010	CD	Wire
21X66	21X66_1	1906600.67	462103.29	9.20	1	11/21/2010		Sift Grid - High Density
21X66	21X66_2	1906601.07	462199.82	16.40	1	11/21/2010		Sift Grid - High Density
21X66	21X66_3	1906603.04	462173.82	1741.84	1	11/21/2010		Sift Grid - High Density
21X66	21X66_4	1906603.43	462161.61	6.64	1	11/21/2010		Sift Grid - High Density
21X66	21X66_5	1906606.98	462171.46	140.18	1	11/21/2010		Sift Grid - High Density
21X66	21X66_6	1906608.95	462168.30	29.87	1	11/21/2010		Sift Grid - High Density
21X66	21X66_7	1906611.70	462172.24	12.02	1	11/21/2010		Sift Grid - High Density
21X66	21X66_8	1906613.67	462166.73	6.42	1	11/21/2010		Sift Grid - High Density
21X66	21X66_9	1906614.46	462179.34	5.37	1	11/21/2010		Sift Grid - High Density
21X66	21X66_10	1906619.30	462185.75	25.50	1	11/21/2010		Sift Grid - High Density
21X66	21X66_11	1906619.98	462178.15	8.81	1	11/21/2010		Sift Grid - High Density
21X66	21X66_12	1906622.34	462176.18	11.51	1	11/21/2010		Sift Grid - High Density
21X66	21X66_13	1906625.60	462193.76	17.62	1	11/21/2010		Sift Grid - High Density
21X66	21X66_14	1906625.89	462189.58	57.52	1	11/21/2010		Sift Grid - High Density
21X66	21X66_15	1906626.28	462184.85	94.86	1	11/21/2010		Sift Grid - High Density
21X66	21X66_16	1906626.68	462197.85	42.37	1	11/21/2010		Sift Grid - High Density
21X66	21X66_17	1906627.46	462109.99	392.19	1	11/21/2010		Sift Grid - High Density
21X66	21X66_18	1906628.65	462158.85	10.37	1	11/21/2010		Sift Grid - High Density
21X66	21X66_19	1906628.84	462179.28	31.00	1	11/21/2010		Sift Grid - High Density
21X66	21X66_20	1906629.43	462154.51	6.31	1	11/21/2010		Sift Grid - High Density
21X66	21X66_21	1906630.03	462182.86	62.33	1	11/21/2010		Sift Grid - High Density
21X66	21X66_22	1906631.80	462186.43	49.53	1	11/21/2010		Sift Grid - High Density
21X66	21X66_23	1906633.37	462198.25	9.47	1	11/21/2010		Sift Grid - High Density
21X66	21X66_24	1906634.16	462159.24	9155.91	1	11/21/2010		Sift Grid - High Density
21X66	21X66_25	1906634.56	462190.37	25.85	1	11/21/2010		Sift Grid - High Density
21X66	21X66_26	1906636.13	462145.85	48.71	1	11/21/2010		Sift Grid - High Density
21X66	21X66_27	1906636.33	462183.54	13.28	1	11/21/2010		Sift Grid - High Density
21X66	21X66_28	1906636.92	462157.27	2457.51	1	11/21/2010		Sift Grid - High Density
21X66	21X66_29	1906638.04	462189.67	7.71	1	11/21/2010		Sift Grid - High Density
21X66	21X66_30	1906638.10	462195.49	19.98	1	11/21/2010		Sift Grid - High Density
21X66	21X66_31	1906638.50	462150.18	27.77	1	11/21/2010		Sift Grid - High Density
21X66	21X66_32	1906638.50	462162.79	62.77	1	11/21/2010		Sift Grid - High Density
21X66	21X66_33	1906640.86	462156.48	57.98	1	11/21/2010		Sift Grid - High Density
21X66	21X66_34	1906640.86	462174.61	8.60	1	11/21/2010		Sift Grid - High Density
21X66	21X66_35	1906641.65	462182.49	5.03	1	11/21/2010		Sift Grid - High Density
21X66	21X66_36	1906642.04	462196.28	93.64	1	11/21/2010		Sift Grid - High Density
21X66	21X66_37	1906643.62	462165.15	6.41	1	11/21/2010		Sift Grid - High Density
21X66	21X66_38	1906644.01	462113.93	10.26	1	11/21/2010		Sift Grid - High Density
21X66	21X66_39	1906644.01	462197.07	91.97	1	11/21/2010		Sift Grid - High Density
21X66	21X66_40	1906644.41	462189.19	30.67	1	11/21/2010		Sift Grid - High Density
21X66	21X66_41	1906645.19	462155.30	13.31	1	11/21/2010		Sift Grid - High Density
21X66	21X66_42	1906645.98	462171.06	5.94	1	11/21/2010		Sift Grid - High Density
21X66	21X66_43	1906648.74	462195.10	46.74	1	11/21/2010		Sift Grid - High Density
21X66	21X66_44	1906650.99	462163.95	4.64	1	11/21/2010		Sift Grid - High Density
21X66	21X66_45	1906651.10	462140.72	6.38	1	11/21/2010		Sift Grid - High Density
21X66	21X66_46	1906651.67	462192.74	25.37	1	11/21/2010		Sift Grid - High Density
21X66	21X66_47	1906651.89	462184.85	34.21	1	11/21/2010		Sift Grid - High Density
21X66	21X66_48	1906653.86	462152.94	78.87	1	11/21/2010		Sift Grid - High Density
21X66	21X66_49	1906653.86	462195.88	22.06	1	11/21/2010		Sift Grid - High Density
21X66	21X66_50	1906654.65	462190.37	34.45	1	11/21/2010		Sift Grid - High Density
21X66	21X66_51	1906655.76	462176.89	6.01	1	11/21/2010		Sift Grid - High Density
21X66	21X66_52	1906656.62	462182.88	61.78	1	11/21/2010		Sift Grid - High Density
21X66	21X66_53	1906658.20	462181.31	50.40	1	11/21/2010		Sift Grid - High Density
21X66	21X66_54	1906659.38	462146.63	8.73	1	11/21/2010		Sift Grid - High Density
21X66	21X66_55	1906659.38	462187.61	20.40	1	11/21/2010		Sift Grid - High Density
21X66	21X66_56	1906659.38	462190.76	22.03	1	11/21/2010		Sift Grid - High Density
21X66	21X66_57	1906659.38	462193.52	31.99	1	11/21/2010		Sift Grid - High Density
21X66	21X66_58	1906660.17	462162.00	65.26	1	11/21/2010		Sift Grid - High Density
21X66	21X66_59	1906662.92	462198.64	18.49	1	11/21/2010		Sift Grid - High Density
21X66	21X66_60	1906664.50	462180.52	161.50	1	11/21/2010		Sift Grid - High Density
21X66	21X66_61	1906665.68	462196.67	27.66	1	11/21/2010		Sift Grid - High Density

Subsurface Anomaly Investigation Results

Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
21X66	21X66_62	1906666.83	462187.63	6.37	1	11/21/2010		Sift Grid - High Density
21X66	21X66_63	1906668.87	462177.06	40.91	1	11/21/2010		Sift Grid - High Density
21X66	21X66_64	1906673.13	462168.38	33.28	1	11/21/2010		Sift Grid - High Density
21X66	21X66_65	1906673.56	462174.61	149.99	1	11/21/2010		Sift Grid - High Density
21X66	21X66_66	1906675.53	462188.79	36.81	1	11/21/2010		Sift Grid - High Density
21X66	21X66_67	1906675.93	462146.24	8.11	1	11/21/2010		Sift Grid - High Density
21X66	21X66_68	1906676.32	462165.15	17.65	1	11/21/2010		Sift Grid - High Density
21X66	21X66_69	1906676.32	462172.24	117.65	1	11/21/2010		Sift Grid - High Density
21X66	21X66_70	1906676.32	462181.31	15.25	1	11/21/2010		Sift Grid - High Density
21X66	21X66_71	1906676.71	462162.79	11.08	1	11/21/2010		Sift Grid - High Density
21X66	21X66_72	1906679.87	462153.33	151.96	1	11/21/2010		Sift Grid - High Density
21X66	21X66_73	1906682.84	462198.19	43.27	1	11/21/2010		Sift Grid - High Density
21X66	21X66_74	1906685.78	462158.45	81.36	1	11/21/2010		Sift Grid - High Density
21X66	21X66_75	1906686.17	462191.55	37.60	1	11/21/2010		Sift Grid - High Density
21X66	21X66_76	1906687.35	462196.28	43.03	1	11/21/2010		Sift Grid - High Density
21X66	21X66_77	1906687.75	462165.94	93.43	1	11/21/2010		Sift Grid - High Density
21X66	21X66_78	1906688.14	462160.82	119.27	1	11/21/2010		Sift Grid - High Density
21X66	21X66_79	1906689.72	462146.63	5.09	1	11/21/2010		Sift Grid - High Density
21X66	21X66_80	1906690.11	462188.40	29.35	1	11/21/2010		Sift Grid - High Density
21X66	21X66_81	1906691.69	462165.55	114.42	1	11/21/2010		Sift Grid - High Density
21X66	21X66_82	1906692.08	462185.64	18.27	1	11/21/2010		Sift Grid - High Density
21X66	21X66_83	1906692.47	462155.30	18.22	1	11/21/2010		Sift Grid - High Density
21X66	21X66_84	1906692.47	462191.55	40.65	1	11/21/2010		Sift Grid - High Density
21X66	21X66_85	1906694.44	462184.06	25.72	1	11/21/2010		Sift Grid - High Density
21X66	21X66_86	1906695.23	462178.55	13.40	1	11/21/2010		Sift Grid - High Density
21X66	21X66_87	1906696.02	462196.28	29.29	1	11/21/2010		Sift Grid - High Density
21X66	21X66_88	1906696.41	462187.22	11.40	1	11/21/2010		Sift Grid - High Density
21X66	21X66_89	1906697.32	462160.54	11.78	1	11/21/2010		Sift Grid - High Density
21X66	21X66_90	1906697.60	462178.15	13.97	1	11/21/2010		Sift Grid - High Density
21X66	21X66_91	1906699.17	462174.61	5.16	1	11/21/2010		Sift Grid - High Density
21X66	21X66_92	1906699.96	462199.43	22.47	1	11/21/2010		Sift Grid - High Density
21X67	21X67_1	1906700.38	462199.30	12.08	1	11/26/2010	CD	Nail
21X67	21X67_2	1906702.32	462180.91	8.56	1	11/26/2010	CD	Nails
21X67	21X67_3	1906702.52	462193.28	31.51	1	11/26/2010	CD	Nail
21X67	21X67_4	1906702.71	462189.50	17.95	1	11/26/2010	CD	Nail
21X67	21X67_5	1906703.10	462169.78	6.88	1	11/26/2010	CD	Nail
21X67	21X67_6	1906703.51	462176.97	9.12	1	11/26/2010	CD	Nail
21X67	21X67_7	1906705.62	462198.53	6.47	1	11/26/2010	CD	Nail
21X67	21X67_8	1906705.87	462192.34	30.61	1	11/26/2010	CD	Nail
21X67	21X67_9	1906707.05	462155.70	10.67	1	11/26/2010	CD	Scrap/Nail
21X67	21X67_10	1906707.45	462161.61	1427.10	1	11/26/2010	CD	Nail
21X67	21X67_11	1906707.47	462186.68	5.68	1	11/26/2010	CD	Nail
21X67	21X67_12	1906709.84	462180.87	5.05	1	11/26/2010	CD	Nail/Can
21X67	21X67_13	1906712.13	462175.32	12.52	1	11/26/2010	CD	Nail
21X67	21X67_14	1906712.52	462170.95	11.87	1	11/26/2010	CD	Wire
21X67	21X67_15	1906714.09	462194.62	5.24	1	11/26/2010	CD	Nail
21X67	21X67_16	1906721.24	462141.51	14.97	1	11/26/2010	CD	Can
21X67	21X67_17	1906722.42	462152.94	1120.23	1	11/26/2010	CD	PIPE
21X67	21X67_18	1906723.60	462148.60	1807.17	1	11/26/2010	CD	PIPE
21X67	21X67_19	1906727.15	462178.15	5.60	1	11/26/2010	CD	Nail
21X67	21X67_20	1906730.69	462173.03	7.68	1	11/26/2010	CD	Nail
21X67	21X67_21	1906736.60	462180.12	20.66	1	11/26/2010	NF	
21X67	21X67_22	1906737.00	462163.18	8.43	1	11/26/2010	CD	Can
21X67	21X67_23	1906739.36	462149.00	5.77	1	11/26/2010	CD	Nail
21X67	21X67_24	1906742.91	462156.48	62.29	1	11/26/2010	CD	Scrap
21X67	21X67_25	1906746.45	462172.64	10.04	1	11/26/2010	CD	Nails
21X67	21X67_26	1906755.12	462183.28	6.33	1	11/26/2010	CD	Nails
21X67	21X67_27	1906757.48	462186.03	7.54	1	11/26/2010	CD	Nail
21X67	21X67_28	1906757.48	462191.94	20.52	1	11/26/2010	CD	Can
21X67	21X67_29	1906762.21	462180.12	8.53	1	11/26/2010	CD	Wire
21X67	21X67_30	1906765.36	462176.58	6.49	1	11/26/2010	CD	Nail
21X67	21X67_31	1906767.33	462197.07	5.80	1	11/26/2010	CD	Band
21X67	21X67_32	1906777.58	462183.28	5.57	1	11/26/2010	CD	Nail
21X67	21X67_33	1906799.25	462188.79	8.79	1	11/26/2010	CD	Wire
21X68	21X68_1	1906819.34	462168.70	4.93	1	11/17/2010	NF	
21X68	21X68_2	1906825.65	462154.51	5.15	1	11/17/2010	NF	
21X68	21X68_3	1906825.65	462182.49	5.41	1	11/17/2010	CD	Big Nails
21X68	21X68_4	1906830.77	462175.79	12.99	1	11/17/2010	CD	Nail
21X68	21X68_5	1906835.10	462171.46	13.90	1	11/17/2010	CD	Nail
21X68	21X68_6	1906839.04	462169.49	14.33	1	11/17/2010	CD	Nail
21X68	21X68_7	1906842.58	462173.70	5.89	1	11/17/2010	CD	Nail
21X68	21X68_8	1906848.50	462171.06	15.79	1	11/17/2010	CD	Nail
21X68	21X68_9	1906857.95	462176.97	6.89	1	11/17/2010	CD	Can
21X68	21X68_10	1906870.96	462185.25	5.40	1	11/17/2010	CD	Nail/Alum

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
21X68	21X68_11	1906891.44	462163.97	5.38	1	11/17/2010	CD	Lid
21X68	21X68_12	1906899.72	462154.51	11.77	1	11/17/2010	NF	
21X69	21X69_1	1906900.51	462157.27	15.33	1	11/17/2010	O	Rocks
21X69	21X69_2	1906901.29	462148.60	202.71	1	11/17/2010	NF	
21X69	21X69_3	1906904.47	462165.60	7.10	1	11/17/2010	S	Foil/Nails
21X69	21X69_4	1906907.72	462166.23	8.51	1	11/17/2010	O	Rock
21X69	21X69_5	1906909.96	462161.21	13.07	1	11/17/2010	S	Nails
21X69	21X69_6	1906913.11	462181.70	5.90	1	11/17/2010	S	Nails
21X69	21X69_7	1906914.49	462162.20	74.88	1	11/17/2010	S/OS	Can Lid
21X69	21X69_8	1906916.27	462154.51	7.33	1	11/17/2010	O	Rock
21X69	21X69_9	1906929.66	462160.42	7.22	1	11/17/2010	S/OS	Nails/Cart
21X69	21X69_10	1906930.84	462153.73	7.42	1	11/17/2010	NF	
21X69	21X69_11	1906936.36	462154.12	6.25	1	11/17/2010	NF	
21X69	21X69_12	1906984.82	462142.30	5.92	1	11/17/2010	S	Can/Rock
21X69	21X69_13	1906995.85	462141.51	5.15	1	11/17/2010	S	Flakes of Metal
21X69	21X69_14	1906996.92	462138.29	28.97	1	11/17/2010	NF	fence post near flag
21X70	21X70_1	1907021.46	462176.97	226.07	1	11/17/2010	CD	Wire
21X71	21X71_1	1907126.66	462187.61	6.08	1	11/16/2010	CD	Wire
21X71	21X71_2	1907150.70	462176.58	54.98	1	11/16/2010	SEED	SEED
21X71	21X71_3	1907158.18	462130.48	159.21	1	11/16/2010	MD	.37mm Casing
21X72	21X72_1	1907230.68	462126.15	23.05	1	11/15/2010	A	wirr, cartrige 3400sav, cart. 038
21X72	21X72_2	1907244.47	462146.24	5.38	1	11/15/2010	OS	flare cap
21X72	21X72_3	1907268.11	462121.02	5.00	1	11/15/2010	S	hinge
21X72	21X72_4	1907277.17	462121.42	8.04	1	11/15/2010	S	nail
21X72	21X72_1	1907282.90	462121.09	6.29	1	11/15/2010	S	wire
21X72	21X72_5	1907285.43	462120.56	8.05	1	11/15/2010	S	nail
21X72	21X72_6	1907298.36	462180.52	9.39	1	11/15/2010	NF	
21X72	21X72_7	1907299.17	462122.76	6.78	1	11/15/2010	O	rock
21X73	21X73_1	1907307.20	462177.84	6.08	1	11/10/2010	CD	Nail
21X73	21X73_2	1907307.68	462121.82	11.86	1	11/10/2010	CD	Wire
21X73	21X73_3	1907310.66	462122.60	33.92	1	11/10/2010	CD	Wire
21X73	21X73_4	1907312.08	462113.41	5.48	1	11/10/2010	CD	Nail
21X73	21X73_5	1907320.12	462124.18	7.23	1	11/10/2010	CD	Wire/Nail
21X73	21X73_6	1907323.27	462122.60	13.50	1	11/10/2010	CD	Nail
21X73	21X73_7	1907326.53	462124.58	5.22	1	11/10/2010	CD	Nail
21X73	21X73_8	1907328.41	462137.37	5.70	1	11/10/2010	CD	Staple/Wire
21X73	21X73_9	1907332.33	462124.96	7.00	1	11/10/2010	CD	Nail
21X73	21X73_10	1907333.51	462111.96	8.16	1	11/10/2010	CD	Can
21X73	21X73_11	1907333.79	462128.47	5.20	1	11/10/2010	CD	Nail
21X73	21X73_12	1907334.31	462152.25	5.07	1	11/10/2010	CD	Staple/Wire
21X73	21X73_13	1907335.21	462163.98	5.15	1	11/10/2010	CD	Nail
21X73	21X73_14	1907335.25	462114.49	8.34	1	11/10/2010	NF	
21X73	21X73_15	1907337.85	462124.96	14.66	1	11/10/2010	CD	Nail
21X73	21X73_16	1907339.36	462121.72	7.92	1	11/10/2010	CD	Nail
21X73	21X73_17	1907339.42	462131.27	11.64	1	11/10/2010	CD	Nail
21X73	21X73_18	1907342.57	462127.33	29.05	1	11/10/2010	CD	Barbed Wire
21X73	21X73_19	1907343.76	462129.30	38.10	1	11/10/2010	CD	Nail/Bolt
21X73	21X73_20	1907350.60	462132.87	105.93	1	11/10/2010	CD	Nail
21X74	21X74_1	1907230.68	462126.15	23.05	1	11/15/2010		
21X74	21X74_2	1907244.47	462146.24	5.38	1	11/15/2010	MD	Flare Cap
21X74	21X74_3	1907268.11	462121.02	5.00	1	11/15/2010	CD	Hinge
21X74	21X74_4	1907277.17	462121.42	8.04	1	11/15/2010	CD	Nail
21X74	21X74_5	1907282.90	462121.09	6.29	1	11/15/2010	CD	Wire
21X74	21X74_6	1907285.43	462120.56	8.05	1	11/15/2010	CD	Nail
21X74	21X74_7	1907298.36	462180.52	9.39	1	11/15/2010	NF	
21X74	21X74_8	1907299.17	462122.76	6.78	1	11/15/2010	CD	Rock
21X74								No Targets
22X58	22X58_1	1905889.11	462297.93	27.30	1	12/7/2010	CD	Scrap
22X58	22X58_2	1905898.17	462286.11	5.83	1	12/7/2010	NF	
22X59	22X59_1	1905979.73	462277.84	15.72	1	12/7/2010	MD	Bullets
22X59	22X59_2	1905980.12	462223.86	10.09	1	12/7/2010	CD	Nail
22X59	22X59_3	1905984.85	462231.34	9.14	1	12/7/2010	CD	Nail
22X59	22X59_4	1905998.25	462223.46	5.24	1	12/7/2010	CD	Staple
22X60	22X60_1	1906026.22	462269.17	25.54	1	12/6/2010	CD	Wire
22X60	22X60_2	1906027.80	462269.56	25.14	1	12/6/2010	CD	Wire
22X60	22X60_3	1906028.19	462220.71	26.04	1	12/6/2010	CD	Wire
22X60	22X60_4	1906030.16	462217.55	17.88	1	12/6/2010	CD	Wire
22X60	22X60_5	1906036.07	462217.16	26.24	1	12/6/2010	CD	Wire
22X60	22X60_6	1906038.43	462276.26	1727.45	1	12/6/2010	CD	Concrete Slab
22X60	22X60_7	1906040.40	462287.29	6.97	1	12/6/2010	NF	Bullets
22X60	22X60_8	1906040.40	462292.41	11.10	1	12/6/2010	NF	Bullets
22X60	22X60_9	1906040.40	462298.32	14.39	1	12/6/2010	CD	Clip
22X60	22X60_10	1906040.80	462214.01	7.52	1	12/6/2010	CD	Wire
22X60	22X60_11	1906045.13	462278.23	6.86	1	12/6/2010	CD	Wire

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
22X60	22X60_12	1906053.41	462254.59	5.66	1	12/6/2010	MD	Frag
22X60	22X60_13	1906073.50	462257.35	25.76	1	12/6/2010	CD	Scrap
22X60	22X60_14	1906075.47	462247.10	17.37	1	12/6/2010	CD	Bracket
22X60	22X60_15	1906087.68	462203.76	5.78	1	12/6/2010	CD	Scrap
22X61	22X61_1	1906108.96	462269.17	6.09	1	11/22/2010	NF	
22X61	22X61_2	1906116.84	462200.22	6.23	1	11/22/2010	NF	
22X61	22X61_3	1906138.12	462215.19	7.97	1	11/22/2010	NF	
22X61	22X61_4	1906140.48	462215.98	9.47	1	11/22/2010	CD	Scrap
22X61	22X61_5	1906143.63	462219.13	11.76	1	11/22/2010	CD	Scrap
22X61	22X61_6	1906146.78	462251.83	79.78	1	11/22/2010	MD	Numerous/High Density/Burnt Material
22X61	22X61_7	1906146.78	462258.92	11.29	1	11/22/2010	MD	Numerous/High Density/Burnt Material
22X61	22X61_8	1906147.97	462219.52	17.34	1	11/22/2010	CD	Hinge
22X61	22X61_9	1906153.09	462255.77	40.81	1	11/22/2010	CD	Hinge
22X61	22X61_10	1906154.27	462248.29	18.12	1	11/22/2010		Numerous/High Density/Burnt Material
22X61	22X61_11	1906158.60	462215.19	84.35	1	11/22/2010	CD	Scrap/Bolt
22X61	22X61_12	1906158.60	462244.74	38.01	1	11/22/2010	CD	Scrap
22X61	22X61_13	1906160.18	462245.53	33.07	1	11/22/2010		Same as #13
22X61	22X61_14	1906162.94	462215.19	128.87	1	11/22/2010	CD	Scrap/Bolt
22X61	22X61_15	1906173.18	462201.79	20.03	1	11/22/2010	CD	Scrap
22X61	22X61_16	1906175.55	462201.40	18.26	1	11/22/2010	CD	Scrap
22X61	22X61_17	1906178.30	462235.28	289.90	1	11/22/2010		Same as #19
22X61	22X61_18	1906180.27	462298.72	46.57	1	11/22/2010	CD	Cap
22X61	22X61_19	1906181.06	462235.68	376.79	1	11/22/2010	CD	Buried Pipe
22X61	22X61_20	1906182.64	462293.60	12.13	1	11/22/2010	CD	Scrap
22X61	22X61_21	1906195.25	462201.01	7.04	1	11/22/2010	NF	
22X62	22X62_1	1906235.07	462235.91	5.65	1	12/8/2010	MD	Flare Cap
22X62	22X62_2	1906247.65	462227.01	606.09	1	12/8/2010	CD	Buried Pipe
22X62	22X62_3	1906281.93	462205.73	161.80	1	12/8/2010	MD	Flare Cap
22X63	22X63_1	1906330.39	462207.70	34.80	1	11/30/2010	NF	Brass
22X63	22X63_2	1906347.33	462205.73	5.13	1	11/30/2010	NF/MD	Brass
22X63	22X63_3	1906347.33	462291.23	14.16	1	11/30/2010	CD	Nail/Bracket
22X63	22X63_4	1906365.06	462201.01	8.80	1	11/30/2010	NF/MD	
22X63	22X63_5	1906365.45	462282.56	7.62	1	11/30/2010	NF/MD	Bullets/Brass
22X63	22X63_6	1906368.61	462200.61	21.15	1	11/30/2010	MD	Mag
22X63	22X63_7	1906372.94	462254.98	7.18	1	11/30/2010	CD/MD	Bullets/Brass
22X63	22X63_8	1906374.42	462274.21	6.95	1	11/30/2010	NF/MD	Bullets/Brass
22X63	22X63_9	1906384.76	462233.71	5.35	1	11/30/2010	MD	Primer/Brass
22X63	22X63_10	1906391.06	462211.25	8.24	1	11/30/2010	NF/MD	Brass
22X63	22X63_11	1906398.16	462202.19	13.60	1	11/30/2010	NF/MD	Brass
22X64	22X64_1	1906400.70	462203.23	9.14	1	11/10/2010	MD	Brass
22X64	22X64_2	1906405.25	462287.29	6.09	1	11/10/2010	MD	Clip
22X64	22X64_3	1906407.61	462222.68	7.74	1	11/10/2010	MD/CD	Brass/Nail
22X64	22X64_4	1906412.73	462218.34	8.57	1	11/10/2010	CD	Scrapp
22X64	22X64_5	1906415.10	462297.14	161.86	1	11/10/2010	MD/CD	Sheet Metal
22X64	22X64_6	1906417.86	462279.81	8.90	1	11/10/2010	CD	Scrapp
22X64	22X64_7	1906420.18	462297.42	24.69	1	11/10/2010	MD	SMK
22X64	22X64_8	1906427.71	462209.28	17.31	1	11/10/2010	MD/CD	Brass/Nail
22X64	22X64_9	1906429.68	462276.65	5.76	1	11/10/2010	MD	Spoon
22X64	22X64_10	1906430.07	462286.11	22.10	1	11/10/2010	MD	Mach Clip
22X64	22X64_11	1906438.34	462275.08	7.25	1	11/10/2010	MD/CD	Brass/Nail
22X64	22X64_12	1906441.50	462270.35	18.47	1	11/10/2010	CD	Lid
22X64	22X64_13	1906442.68	462276.12	8.29	1	11/10/2010	CD	Wire
22X64	22X64_14	1906447.41	462206.13	9.89	1	11/10/2010	CD	Nail
22X64	22X64_15	1906456.86	462279.81	37.77	1	11/10/2010	CD	Scrap
22X64	22X64_16	1906458.04	462200.61	6.59	1	11/10/2010	CD	Nail
22X64	22X64_17	1906458.83	462257.74	6.26	1	11/10/2010	NF	
22X64	22X64_18	1906459.23	462265.62	123.08	1	11/10/2010	CD	Lid/Rod
22X64	22X64_19	1906464.74	462290.44	8.24	1	11/10/2010	CD	SMK/Nail
22X64	22X64_20	1906465.05	462261.57	8.99	1	11/10/2010	NF	
22X64	22X64_21	1906469.08	462258.92	5.60	1	11/10/2010	CD	Scrap
22X64	22X64_22	1906471.44	462261.29	7.58	1	11/10/2010	NF	
22X64	22X64_23	1906474.59	462249.47	7.25	1	11/10/2010	CD	Wire
22X64	22X64_24	1906477.15	462257.55	5.72	1	11/10/2010	CD	Nail
22X64	22X64_25	1906477.80	462243.64	6.09	1	11/10/2010	MD	Primer
22X64	22X64_26	1906478.14	462247.50	9.23	1	11/10/2010	MD	Brass
22X64	22X64_27	1906478.14	462250.26	9.56	1	11/10/2010	CD	Nail
22X64	22X64_28	1906478.53	462253.41	5.76	1	11/10/2010	CD	Nail
22X64	22X64_29	1906478.77	462272.28	5.59	1	11/10/2010	CD	Wire
22X64	22X64_30	1906478.93	462276.26	7.91	1	11/10/2010	MD	SMK
22X64	22X64_31	1906482.87	462242.77	11.04	1	11/10/2010	CD	Screen
22X64	22X64_32	1906483.65	462254.59	12.03	1	11/10/2010	CD	Wire Mesh
22X64	22X64_33	1906485.23	462230.56	5.76	1	11/10/2010	MD	Bull
22X64	22X64_34	1906485.23	462238.83	8.07	1	11/10/2010	CD	Staple
22X64	22X64_35	1906485.62	462249.47	8.07	1	11/10/2010	MD	Spoon

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
22X64	22X64_36	1906487.59	462245.13	5.60	1	11/10/2010	CD	Nail
22X64	22X64_37	1906487.99	462255.38	53.94	1	11/10/2010	CD	G Rod
22X64	22X64_38	1906488.38	462222.68	6.59	1	11/10/2010	CD	Nails
22X64	22X64_39	1906488.78	462206.92	5.43	1	11/10/2010		Middle of Road
22X64	22X64_40	1906490.07	462249.90	10.52	1	11/10/2010	CD	Nail
22X64	22X64_41	1906490.35	462220.71	7.08	1	11/10/2010	CD	Nail
22X64	22X64_42	1906492.32	462232.53	6.26	1	11/10/2010	MD	Brass
22X64	22X64_43	1906492.52	462244.94	13.35	1	11/10/2010	CD	Bolt
22X64	22X64_44	1906492.72	462251.44	15.50	1	11/10/2010	CD	Nail/Scrap
22X64	22X64_45	1906493.11	462222.28	7.25	1	11/10/2010	CD	Trash
22X64	22X64_46	1906495.08	462225.83	11.21	1	11/10/2010	CD	Trash
22X64	22X64_47	1906495.87	462274.68	10.55	1	11/10/2010	CD	Nail
22X64	22X64_48	1906497.73	462295.19	5.15	1	11/10/2010	CD	Nail
22X64	22X64_49	1906497.77	462268.55	9.08	1	11/10/2010	CD	Nail
22X64	22X64_50	1906497.84	462224.65	12.53	1	11/10/2010	MD	Brass
22X64	22X64_51	1906498.23	462233.31	8.40	1	11/10/2010	CD	Nail
22X64	22X64_52	1906499.81	462248.68	5.43	1	11/10/2010	CD	Bolt/Nail
22X65	22X65_1	1906500.20	462269.17	25.25	1	11/24/2010	CD	Nails
22X65	22X65_2	1906502.02	462260.58	13.92	1	11/24/2010	CD	Nails
22X65	22X65_3	1906502.57	462232.13	7.00	1	11/24/2010	CD	Nail/Clip
22X65	22X65_4	1906502.57	462282.17	38.09	1	11/24/2010	CD	Grounding Rod
22X65	22X65_5	1906503.35	462244.74	7.16	1	11/24/2010	CD	Nail
22X65	22X65_6	1906504.49	462298.78	9.77	1	11/24/2010	CD	Bolt
22X65	22X65_7	1906504.93	462281.78	38.98	1	11/24/2010		Same as #4
22X65	22X65_8	1906505.32	462232.53	7.90	1	11/24/2010	NF	Brass
22X65	22X65_9	1906505.72	462294.38	12.67	1	11/24/2010	NF	
22X65	22X65_10	1906510.05	462295.57	5.49	1	11/24/2010	NF	
22X65	22X65_11	1906510.05	462298.32	7.80	1	11/24/2010	CD	Wire
22X65	22X65_12	1906510.36	462239.68	6.75	1	11/24/2010	CD	Screw
22X65	22X65_13	1906512.02	462236.86	13.06	1	11/24/2010	CD	Nails
22X65	22X65_14	1906512.42	462253.01	7.75	1	11/24/2010	CD	Lid
22X65	22X65_15	1906512.81	462232.92	8.64	1	11/24/2010	NF	
22X65	22X65_16	1906512.81	462249.47	9.76	1	11/24/2010	CD	Screw/Bolt
22X65	22X65_17	1906514.78	462280.99	112.49	1	11/24/2010	CD	Disc
22X65	22X65_18	1906515.57	462230.95	11.34	1	11/24/2010	CD	Wire/Brush
22X65	22X65_19	1906515.57	462243.16	8.27	1	11/24/2010	CD	Nail/Staple
22X65	22X65_20	1906516.75	462298.72	13.76	1	11/24/2010	CD	Wire
22X65	22X65_21	1906517.36	462285.60	15.59	1	11/24/2010	CD	Washer
22X65	22X65_22	1906517.93	462234.89	17.46	1	11/24/2010	CD	Screw/Nails
22X65	22X65_23	1906518.33	462240.01	6.96	1	11/24/2010	CD	Brass/Nails
22X65	22X65_24	1906519.11	462271.14	6.30	1	11/24/2010	CD	Bolt/Staple
22X65	22X65_25	1906520.30	462244.35	6.83	1	11/24/2010	CD	Nails
22X65	22X65_26	1906522.27	462207.31	10.93	1	11/24/2010	NF	
22X65	22X65_27	1906522.27	462211.25	18.96	1	11/24/2010	NF	
22X65	22X65_28	1906522.27	462217.16	10.19	1	11/24/2010	NF	
22X65	22X65_29	1906522.27	462299.11	8.53	1	11/24/2010	CD	Brass/Same as #32
22X65	22X65_30	1906522.66	462220.31	10.37	1	11/24/2010	CD	Nail
22X65	22X65_31	1906522.66	462254.20	8.30	1	11/24/2010	CD	Nail/Brass
22X65	22X65_32	1906525.02	462299.90	9.76	1	11/24/2010	CD	Brass/Wire
22X65	22X65_33	1906525.81	462225.43	7.08	1	11/24/2010	NF	
22X65	22X65_34	1906526.99	462238.83	8.65	1	11/24/2010	CD	Nail
22X65	22X65_35	1906529.75	462219.13	13.49	1	11/24/2010	CD	Staple
22X65	22X65_36	1906530.15	462208.89	11.50	1	11/24/2010	CD	Scrap/Nail
22X65	22X65_37	1906530.54	462230.95	28.56	1	11/24/2010	CD	Nail Pit
22X65	22X65_38	1906532.51	462212.83	10.45	1	11/24/2010	NF	
22X65	22X65_39	1906534.87	462205.73	6.21	1	11/24/2010	NF	
22X65	22X65_40	1906534.87	462220.31	5.61	1	11/24/2010	CD	Nail/Brass
22X65	22X65_41	1906535.27	462254.59	6.89	1	11/24/2010	CD	Nail
22X65	22X65_42	1906537.24	462230.56	7.17	1	11/24/2010	CD	Nail
22X65	22X65_43	1906538.03	462239.62	362.13	1	11/24/2010	CD	Grounding Rod
22X65	22X65_44	1906540.39	462201.01	5.08	1	11/24/2010	NF	
22X65	22X65_45	1906542.17	462211.77	27.38	1	11/24/2010	MD	Smoke Grenade
22X65	22X65_46	1906542.36	462203.76	6.27	1	11/24/2010	NF	
22X65	22X65_47	1906542.75	462241.19	7.61	1	11/24/2010	CD	Wire
22X65	22X65_48	1906546.69	462218.74	89.82	1	11/24/2010	CD	Nails
22X65	22X65_49	1906547.09	462202.19	6.65	1	11/24/2010	CD	Wire
22X65	22X65_50	1906547.09	462252.23	12.80	1	11/24/2010		
22X65	22X65_51	1906547.09	462254.98	11.98	1	11/24/2010		
22X65	22X65_52	1906547.48	462211.64	120.57	1	11/24/2010	CD	Scrap
22X65	22X65_53	1906549.85	462207.70	73.84	1	11/24/2010	CD	Can
22X65	22X65_54	1906551.42	462229.77	11.48	1	11/24/2010		
22X65	22X65_55	1906551.42	462280.59	6.22	1	11/24/2010		
22X65	22X65_56	1906551.82	462251.44	10.73	1	11/24/2010		
22X65	22X65_57	1906551.82	462254.59	11.63	1	11/24/2010		

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
22X65	22X65_58	1906554.18	462206.52	18.05	1	11/24/2010	CD	Wire
22X65	22X65_59	1906554.22	462248.74	9.39	1	11/24/2010		
22X65	22X65_60	1906554.57	462224.25	9.60	1	11/24/2010		
22X65	22X65_61	1906554.57	462271.14	76.34	1	11/24/2010		
22X65	22X65_62	1906554.97	462245.92	17.63	1	11/24/2010		
22X65	22X65_63	1906555.36	462233.31	6.31	1	11/24/2010		
22X65	22X65_64	1906556.54	462238.04	14.91	1	11/24/2010		
22X65	22X65_65	1906557.41	462281.79	120.69	1	11/24/2010		
22X65	22X65_66	1906559.30	462247.10	22.47	1	11/24/2010		
22X65	22X65_67	1906559.30	462258.53	7.21	1	11/24/2010	CD	Grounding Rod
22X65	22X65_68	1906559.70	462202.98	15.89	1	11/24/2010	NF	
22X65	22X65_69	1906561.94	462279.22	518.28	1	11/24/2010		
22X65	22X65_70	1906562.06	462218.74	218.20	1	11/24/2010		Buried Pipe
22X65	22X65_71	1906562.06	462241.98	33.12	1	11/24/2010		
22X65	22X65_72	1906563.70	462262.95	22.99	1	11/24/2010	CD	Scrap
22X65	22X65_73	1906564.03	462212.83	12.05	1	11/24/2010	CD	Wire
22X65	22X65_74	1906564.03	462277.84	679.22	1	11/24/2010		
22X65	22X65_75	1906564.42	462219.92	206.76	1	11/24/2010		Buried Pipe
22X65	22X65_76	1906564.82	462234.10	10.94	1	11/24/2010		
22X65	22X65_77	1906565.21	462270.74	75.66	1	11/24/2010		
22X65	22X65_78	1906566.79	462258.92	160.17	1	11/24/2010		Same as #85
22X65	22X65_79	1906566.79	462275.87	545.06	1	11/24/2010		
22X65	22X65_80	1906567.18	462204.16	125.54	1	11/24/2010	CD	Pipe
22X65	22X65_81	1906567.20	462222.58	171.47	1	11/24/2010		Buried Pipe
22X65	22X65_82	1906567.58	462248.29	6.07	1	11/24/2010		Same as #84
22X65	22X65_83	1906567.61	462208.99	11.77	1	11/24/2010	CD	Scrap
22X65	22X65_84	1906569.94	462248.29	8.55	1	11/24/2010	CD	Bolt
22X65	22X65_85	1906569.94	462254.20	416.14	1	11/24/2010	CD	Paint Can
22X65	22X65_86	1906570.33	462224.65	277.24	1	11/24/2010		Buried Pipe
22X65	22X65_87	1906571.91	462290.05	10.02	1	11/24/2010		
22X65	22X65_88	1906572.30	462292.02	10.14	1	11/24/2010		
22X65	22X65_89	1906573.09	462228.59	333.01	1	11/24/2010		Buried Pipe
22X65	22X65_90	1906573.49	462266.80	24.03	1	11/24/2010		
22X65	22X65_91	1906575.06	462215.58	12.55	1	11/24/2010		
22X65	22X65_92	1906575.46	462230.56	308.10	1	11/24/2010		Buried Pipe
22X65	22X65_93	1906576.24	462201.79	44.31	1	11/24/2010	CD	Scrap
22X65	22X65_94	1906576.64	462245.53	17.44	1	11/24/2010	CD	Cable
22X65	22X65_95	1906577.43	462202.19	44.63	1	11/24/2010	CD	Scrap
22X65	22X65_96	1906578.21	462232.92	312.38	1	11/24/2010		Buried Pipe
22X65	22X65_97	1906578.61	462271.14	46.89	1	11/24/2010		
22X65	22X65_98	1906579.66	462276.13	55.38	1	11/24/2010		
22X65	22X65_99	1906580.18	462269.96	37.32	1	11/24/2010		
22X65	22X65_100	1906580.97	462258.53	7.29	1	11/24/2010	CD	Wire
22X65	22X65_101	1906581.20	462200.55	22.51	1	11/24/2010	CD	Can
22X65	22X65_102	1906582.94	462252.62	429.06	1	11/24/2010		Same as #108
22X65	22X65_103	1906584.12	462276.65	179.06	1	11/24/2010		
22X65	22X65_104	1906584.52	462203.37	8.56	1	11/24/2010	CD	Wire
22X65	22X65_105	1906584.52	462223.86	6.12	1	11/24/2010	NF	Brass
22X65	22X65_106	1906584.70	462284.67	6.94	1	11/24/2010		
22X65	22X65_107	1906584.91	462289.66	6.28	1	11/24/2010		
22X65	22X65_108	1906585.70	462252.23	423.97	1	11/24/2010	CD	Pipe
22X65	22X65_109	1906586.88	462241.19	304.23	1	11/24/2010		Buried Pipe
22X65	22X65_110	1906587.28	462199.82	31.58	1	11/24/2010		
22X65	22X65_111	1906587.28	462206.52	6.02	1	11/24/2010	CD	Can Pit
22X65	22X65_112	1906587.67	462218.74	143.96	1	11/24/2010		Concrete Slab
22X65	22X65_113	1906588.06	462284.14	10.89	1	11/24/2010		
22X65	22X65_114	1906588.46	462256.95	109.60	1	11/24/2010	CD	Pipe on Surface
22X65	22X65_115	1906588.85	462286.50	11.76	1	11/24/2010		
22X65	22X65_116	1906589.25	462227.80	7.48	1	11/24/2010	NF	
22X65	22X65_117	1906589.25	462276.26	50.87	1	11/24/2010		
22X65	22X65_118	1906589.64	462213.22	9.98	1	11/24/2010	CD	Cans
22X65	22X65_119	1906590.03	462244.35	217.39	1	11/24/2010		Buried Pipe
22X65	22X65_120	1906590.82	462268.38	176.07	1	11/24/2010		
22X65	22X65_121	1906591.29	462278.29	35.52	1	11/24/2010		
22X65	22X65_122	1906592.79	462247.10	279.76	1	11/24/2010		Buried Pipe
22X65	22X65_123	1906595.16	462219.52	50.96	1	11/24/2010		Same as #112
22X65	22X65_124	1906595.16	462280.99	65.04	1	11/24/2010		
22X65	22X65_125	1906595.55	462205.73	17.20	1	11/24/2010		
22X65	22X65_126	1906595.55	462236.07	11.40	1	11/24/2010	CD	Nail
22X65	22X65_127	1906595.62	462271.60	81.28	1	11/24/2010		
22X65	22X65_128	1906595.92	462285.50	11.21	1	11/24/2010		
22X65	22X65_129	1906596.73	462250.65	328.70	1	11/24/2010		Buried Pipe
22X65	22X65_130	1906597.91	462291.23	8.53	1	11/24/2010		
22X65	22X65_131	1906598.70	462253.80	294.15	1	11/24/2010		Buried Pipe

Subsurface Anomaly Investigation Results

Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
22X65	22X65_132	1906599.49	462276.65	518.45	1	11/24/2010		
22X65	22X65_133	1906599.88	462244.74	12.79	1	11/24/2010	CD	Wire
22X66	22X66_1	1906599.88	462245.13	13.22	1	11/21/2010		Sift Grid - High Density
22X66	22X66_2	1906599.88	462291.23	5.52	1	11/21/2010		Sift Grid - High Density
22X66	22X66_3	1906600.28	462255.77	334.11	1	11/21/2010		Sift Grid - High Density
22X66	22X66_4	1906600.67	462206.13	7.61	1	11/21/2010		Sift Grid - High Density
22X66	22X66_5	1906600.67	462214.80	8.18	1	11/21/2010		Sift Grid - High Density
22X66	22X66_6	1906601.07	462247.50	8.17	1	11/21/2010		Sift Grid - High Density
22X66	22X66_7	1906602.64	462216.77	9.17	1	11/21/2010		Sift Grid - High Density
22X66	22X66_8	1906603.43	462208.10	8.21	1	11/21/2010		Sift Grid - High Density
22X66	22X66_9	1906604.61	462297.93	14.87	1	11/21/2010		Sift Grid - High Density
22X66	22X66_10	1906605.40	462206.13	11.75	1	11/21/2010		Sift Grid - High Density
22X66	22X66_11	1906605.40	462286.11	4.96	1	11/21/2010		Sift Grid - High Density
22X66	22X66_12	1906605.79	462207.31	13.28	1	11/21/2010		Sift Grid - High Density
22X66	22X66_13	1906606.19	462234.10	15.62	1	11/21/2010		Sift Grid - High Density
22X66	22X66_14	1906607.76	462279.02	11.98	1	11/21/2010		Sift Grid - High Density
22X66	22X66_15	1906608.55	462266.80	1385.98	1	11/21/2010		Sift Grid - High Density
22X66	22X66_16	1906608.55	462294.78	31.01	1	11/21/2010		Sift Grid - High Density
22X66	22X66_17	1906608.89	462231.65	5.77	1	11/21/2010		Sift Grid - High Density
22X66	22X66_18	1906610.92	462286.11	40.49	1	11/21/2010		Sift Grid - High Density
22X66	22X66_19	1906611.31	462283.35	60.83	1	11/21/2010		Sift Grid - High Density
22X66	22X66_20	1906612.49	462242.77	15.88	1	11/21/2010		Sift Grid - High Density
22X66	22X66_21	1906612.49	462253.80	6.17	1	11/21/2010		Sift Grid - High Density
22X66	22X66_22	1906612.53	462296.76	7.06	1	11/21/2010		Sift Grid - High Density
22X66	22X66_23	1906613.67	462288.87	46.20	1	11/21/2010		Sift Grid - High Density
22X66	22X66_24	1906615.64	462258.53	30.77	1	11/21/2010		Sift Grid - High Density
22X66	22X66_25	1906615.64	462282.56	3023.91	1	11/21/2010		Sift Grid - High Density
22X66	22X66_26	1906616.83	462203.37	156.85	1	11/21/2010		Sift Grid - High Density
22X66	22X66_27	1906618.40	462256.56	25.01	1	11/21/2010		Sift Grid - High Density
22X66	22X66_28	1906619.58	462282.96	3106.10	1	11/21/2010		Sift Grid - High Density
22X66	22X66_29	1906620.37	462296.75	17.53	1	11/21/2010		Sift Grid - High Density
22X66	22X66_30	1906620.77	462263.65	11.20	1	11/21/2010		Sift Grid - High Density
22X66	22X66_31	1906620.77	462292.81	26.94	1	11/21/2010		Sift Grid - High Density
22X66	22X66_32	1906621.16	462254.59	29.33	1	11/21/2010		Sift Grid - High Density
22X66	22X66_33	1906621.55	462204.16	9.30	1	11/21/2010		Sift Grid - High Density
22X66	22X66_34	1906621.99	462216.37	16.16	1	11/21/2010		Sift Grid - High Density
22X66	22X66_35	1906621.99	462234.44	234.50	1	11/21/2010		Sift Grid - High Density
22X66	22X66_36	1906624.71	462282.96	78.58	1	11/21/2010		Sift Grid - High Density
22X66	22X66_37	1906625.10	462272.71	5.73	1	11/21/2010		Sift Grid - High Density
22X66	22X66_38	1906625.49	462298.72	15.23	1	11/21/2010		Sift Grid - High Density
22X66	22X66_39	1906625.89	462236.07	736.01	1	11/21/2010		Sift Grid - High Density
22X66	22X66_40	1906625.89	462258.92	5.60	1	11/21/2010		Sift Grid - High Density
22X66	22X66_41	1906626.28	462250.65	39.58	1	11/21/2010		Sift Grid - High Density
22X66	22X66_42	1906626.28	462267.20	19.69	1	11/21/2010		Sift Grid - High Density
22X66	22X66_43	1906627.07	462233.31	902.76	1	11/21/2010		Sift Grid - High Density
22X66	22X66_44	1906628.25	462212.43	98.54	1	11/21/2010		Sift Grid - High Density
22X66	22X66_45	1906628.65	462276.26	5.03	1	11/21/2010		Sift Grid - High Density
22X66	22X66_46	1906628.65	462282.17	6.13	1	11/21/2010		Sift Grid - High Density
22X66	22X66_47	1906629.83	462206.92	28.06	1	11/21/2010		Sift Grid - High Density
22X66	22X66_48	1906631.01	462227.01	17.74	1	11/21/2010		Sift Grid - High Density
22X66	22X66_49	1906631.40	462235.68	6.12	1	11/21/2010		Sift Grid - High Density
22X66	22X66_50	1906632.59	462245.13	62.93	1	11/21/2010		Sift Grid - High Density
22X66	22X66_51	1906632.59	462281.78	5.63	1	11/21/2010		Sift Grid - High Density
22X66	22X66_52	1906632.98	462296.35	12.51	1	11/21/2010		Sift Grid - High Density
22X66	22X66_53	1906633.75	462265.48	4.75	1	11/21/2010		Sift Grid - High Density
22X66	22X66_54	1906633.77	462244.35	63.33	1	11/21/2010		Sift Grid - High Density
22X66	22X66_55	1906634.16	462275.08	7.91	1	11/21/2010		Sift Grid - High Density
22X66	22X66_56	1906634.56	462281.38	5.99	1	11/21/2010		Sift Grid - High Density
22X66	22X66_57	1906634.56	462283.75	6.32	1	11/21/2010		Sift Grid - High Density
22X66	22X66_58	1906635.69	462293.97	7.29	1	11/21/2010		Sift Grid - High Density
22X66	22X66_59	1906636.05	462230.56	59.61	1	11/21/2010		Sift Grid - High Density
22X66	22X66_60	1906636.53	462204.16	52.19	1	11/21/2010		Sift Grid - High Density
22X66	22X66_61	1906636.53	462242.77	62.00	1	11/21/2010		Sift Grid - High Density
22X66	22X66_62	1906636.92	462275.87	6.07	1	11/21/2010		Sift Grid - High Density
22X66	22X66_63	1906638.50	462212.43	32.69	1	11/21/2010		Sift Grid - High Density
22X66	22X66_64	1906638.50	462232.13	113.08	1	11/21/2010		Sift Grid - High Density
22X66	22X66_65	1906638.50	462299.90	4.90	1	11/21/2010		Sift Grid - High Density
22X66	22X66_66	1906638.89	462250.26	13.15	1	11/21/2010		Sift Grid - High Density
22X66	22X66_67	1906638.89	462275.08	6.50	1	11/21/2010		Sift Grid - High Density
22X66	22X66_68	1906639.28	462202.19	71.12	1	11/21/2010		Sift Grid - High Density
22X66	22X66_69	1906641.25	462201.40	83.81	1	11/21/2010		Sift Grid - High Density
22X66	22X66_70	1906641.99	462275.30	4.90	1	11/21/2010		Sift Grid - High Density
22X66	22X66_71	1906642.04	462221.49	425.32	1	11/21/2010		Sift Grid - High Density
22X66	22X66_72	1906642.04	462236.47	122.78	1	11/21/2010		Sift Grid - High Density

Subsurface Anomaly Investigation Results

Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
22X66	22X66_73	1906644.01	462215.98	539.57	1	11/21/2010		Sift Grid - High Density
22X66	22X66_74	1906644.01	462236.86	147.09	1	11/21/2010		Sift Grid - High Density
22X66	22X66_75	1906644.01	462242.38	42.64	1	11/21/2010		Sift Grid - High Density
22X66	22X66_76	1906645.98	462224.65	286.66	1	11/21/2010		Sift Grid - High Density
22X66	22X66_77	1906646.77	462204.55	75.06	1	11/21/2010		Sift Grid - High Density
22X66	22X66_78	1906647.16	462240.41	43.33	1	11/21/2010		Sift Grid - High Density
22X66	22X66_79	1906649.13	462219.13	692.26	1	11/21/2010		Sift Grid - High Density
22X66	22X66_80	1906649.53	462291.23	10.64	1	11/21/2010		Sift Grid - High Density
22X66	22X66_81	1906649.92	462234.50	54.20	1	11/21/2010		Sift Grid - High Density
22X66	22X66_82	1906649.92	462265.62	20.81	1	11/21/2010		Sift Grid - High Density
22X66	22X66_83	1906650.32	462248.29	249.47	1	11/21/2010		Sift Grid - High Density
22X66	22X66_84	1906650.71	462299.90	5.14	1	11/21/2010		Sift Grid - High Density
22X66	22X66_85	1906651.33	462224.98	210.99	1	11/21/2010		Sift Grid - High Density
22X66	22X66_86	1906651.50	462201.40	11.93	1	11/21/2010		Sift Grid - High Density
22X66	22X66_87	1906652.29	462228.98	72.45	1	11/21/2010		Sift Grid - High Density
22X66	22X66_88	1906652.68	462249.07	275.64	1	11/21/2010		Sift Grid - High Density
22X66	22X66_89	1906652.78	462217.34	258.02	1	11/21/2010		Sift Grid - High Density
22X66	22X66_90	1906653.07	462266.02	45.83	1	11/21/2010		Sift Grid - High Density
22X66	22X66_91	1906653.86	462200.22	22.20	1	11/21/2010		Sift Grid - High Density
22X66	22X66_92	1906653.86	462207.31	30.15	1	11/21/2010		Sift Grid - High Density
22X66	22X66_93	1906653.86	462279.81	30.84	1	11/21/2010		Sift Grid - High Density
22X66	22X66_94	1906654.26	462214.01	130.84	1	11/21/2010		Sift Grid - High Density
22X66	22X66_95	1906654.72	462236.14	28.57	1	11/21/2010		Sift Grid - High Density
22X66	22X66_96	1906655.44	462202.58	17.79	1	11/21/2010		Sift Grid - High Density
22X66	22X66_97	1906656.62	462215.19	117.96	1	11/21/2010		Sift Grid - High Density
22X66	22X66_98	1906657.01	462211.64	68.03	1	11/21/2010		Sift Grid - High Density
22X66	22X66_99	1906657.01	462218.34	121.30	1	11/21/2010		Sift Grid - High Density
22X66	22X66_100	1906658.20	462227.40	120.18	1	11/21/2010		Sift Grid - High Density
22X66	22X66_101	1906658.84	462232.98	18.60	1	11/21/2010		Sift Grid - High Density
22X66	22X66_102	1906659.77	462208.49	28.48	1	11/21/2010		Sift Grid - High Density
22X66	22X66_103	1906660.17	462201.79	22.40	1	11/21/2010		Sift Grid - High Density
22X66	22X66_104	1906660.17	462220.71	129.74	1	11/21/2010		Sift Grid - High Density
22X66	22X66_105	1906660.56	462295.57	6.45	1	11/21/2010		Sift Grid - High Density
22X66	22X66_106	1906660.95	462248.68	431.32	1	11/21/2010		Sift Grid - High Density
22X66	22X66_107	1906661.35	462266.80	6.98	1	11/21/2010		Sift Grid - High Density
22X66	22X66_108	1906661.74	462285.72	26.19	1	11/21/2010		Sift Grid - High Density
22X66	22X66_109	1906661.74	462292.02	6.06	1	11/21/2010		Sift Grid - High Density
22X66	22X66_110	1906662.53	462215.98	70.66	1	11/21/2010		Sift Grid - High Density
22X66	22X66_111	1906663.71	462240.41	58.69	1	11/21/2010		Sift Grid - High Density
22X66	22X66_112	1906663.71	462292.81	6.23	1	11/21/2010		Sift Grid - High Density
22X66	22X66_113	1906663.71	462298.72	4.97	1	11/21/2010		Sift Grid - High Density
22X66	22X66_114	1906664.11	462296.35	5.31	1	11/21/2010		Sift Grid - High Density
22X66	22X66_115	1906664.89	462201.40	22.74	1	11/21/2010		Sift Grid - High Density
22X66	22X66_116	1906664.89	462202.98	23.68	1	11/21/2010		Sift Grid - High Density
22X66	22X66_117	1906664.89	462207.70	71.56	1	11/21/2010		Sift Grid - High Density
22X66	22X66_118	1906665.29	462237.25	60.02	1	11/21/2010		Sift Grid - High Density
22X66	22X66_119	1906665.68	462210.07	53.79	1	11/21/2010		Sift Grid - High Density
22X66	22X66_120	1906665.68	462275.47	5.35	1	11/21/2010		Sift Grid - High Density
22X66	22X66_121	1906666.08	462248.68	540.02	1	11/21/2010		Sift Grid - High Density
22X66	22X66_122	1906666.85	462213.22	26.49	1	11/21/2010		Sift Grid - High Density
22X66	22X66_123	1906668.44	462249.07	592.77	1	11/21/2010		Sift Grid - High Density
22X66	22X66_124	1906668.83	462288.08	28.42	1	11/21/2010		Sift Grid - High Density
22X66	22X66_125	1906668.83	462299.11	9.58	1	11/21/2010		Sift Grid - High Density
22X66	22X66_126	1906669.23	462200.22	26.57	1	11/21/2010		Sift Grid - High Density
22X66	22X66_127	1906670.02	462208.10	45.17	1	11/21/2010		Sift Grid - High Density
22X66	22X66_128	1906670.80	462203.37	93.28	1	11/21/2010		Sift Grid - High Density
22X66	22X66_129	1906670.80	462224.65	29.71	1	11/21/2010		Sift Grid - High Density
22X66	22X66_130	1906670.80	462248.68	597.19	1	11/21/2010		Sift Grid - High Density
22X66	22X66_131	1906671.20	462218.34	19.65	1	11/21/2010		Sift Grid - High Density
22X66	22X66_132	1906671.59	462232.13	52.48	1	11/21/2010		Sift Grid - High Density
22X66	22X66_133	1906672.77	462213.22	52.09	1	11/21/2010		Sift Grid - High Density
22X66	22X66_134	1906673.56	462209.67	46.50	1	11/21/2010		Sift Grid - High Density
22X66	22X66_135	1906674.74	462249.07	603.31	1	11/21/2010		Sift Grid - High Density
22X66	22X66_136	1906675.93	462211.25	60.26	1	11/21/2010		Sift Grid - High Density
22X66	22X66_137	1906676.32	462200.22	14.76	1	11/21/2010		Sift Grid - High Density
22X66	22X66_138	1906679.47	462210.07	84.81	1	11/21/2010		Sift Grid - High Density
22X66	22X66_139	1906679.47	462217.16	81.34	1	11/21/2010		Sift Grid - High Density
22X66	22X66_140	1906679.70	462287.67	4.94	1	11/21/2010		Sift Grid - High Density
22X66	22X66_141	1906681.44	462210.07	80.65	1	11/21/2010		Sift Grid - High Density
22X66	22X66_142	1906681.84	462225.83	62.98	1	11/21/2010		Sift Grid - High Density
22X66	22X66_143	1906681.84	462249.07	545.72	1	11/21/2010		Sift Grid - High Density
22X66	22X66_144	1906682.00	462284.39	4.60	1	11/21/2010		Sift Grid - High Density
22X66	22X66_145	1906684.59	462202.19	71.46	1	11/21/2010		Sift Grid - High Density
22X66	22X66_146	1906684.99	462224.65	53.45	1	11/21/2010		Sift Grid - High Density

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
22X66	22X66_147	1906685.40	462231.53	8.97	1	11/21/2010		Sift Grid - High Density
22X66	22X66_148	1906687.75	462202.19	60.19	1	11/21/2010		Sift Grid - High Density
22X66	22X66_149	1906687.75	462249.07	548.37	1	11/21/2010		Sift Grid - High Density
22X66	22X66_150	1906690.11	462206.92	24.89	1	11/21/2010		Sift Grid - High Density
22X66	22X66_151	1906690.11	462217.16	22.11	1	11/21/2010		Sift Grid - High Density
22X66	22X66_152	1906690.37	462294.46	5.00	1	11/21/2010		Sift Grid - High Density
22X66	22X66_153	1906690.50	462249.86	536.40	1	11/21/2010		Sift Grid - High Density
22X66	22X66_154	1906692.87	462210.46	56.02	1	11/21/2010		Sift Grid - High Density
22X66	22X66_155	1906693.26	462249.86	563.89	1	11/21/2010		Sift Grid - High Density
22X66	22X66_156	1906693.26	462292.02	9.93	1	11/21/2010		Sift Grid - High Density
22X66	22X66_157	1906693.66	462225.83	9.13	1	11/21/2010		Sift Grid - High Density
22X66	22X66_158	1906694.05	462269.96	14.41	1	11/21/2010		Sift Grid - High Density
22X66	22X66_159	1906695.23	462204.16	8.87	1	11/21/2010		Sift Grid - High Density
22X66	22X66_160	1906695.23	462249.86	583.53	1	11/21/2010		Sift Grid - High Density
22X66	22X66_161	1906695.23	462285.72	20.86	1	11/21/2010		Sift Grid - High Density
22X66	22X66_162	1906695.23	462290.84	11.67	1	11/21/2010		Sift Grid - High Density
22X66	22X66_163	1906696.81	462267.99	11.44	1	11/21/2010		Sift Grid - High Density
22X66	22X66_164	1906696.81	462271.14	26.39	1	11/21/2010		Sift Grid - High Density
22X66	22X66_165	1906697.60	462250.26	590.37	1	11/21/2010		Sift Grid - High Density
22X66	22X66_166	1906700.35	462284.53	8.54	1	11/21/2010		Sift Grid - High Density
22X67	22X67_1	1906700.35	462225.83	28.76	1	11/26/2010	NF	Sift Grid - High Density
22X67	22X67_2	1906700.59	462250.12	550.36	1	11/26/2010	CD	Pipe
22X67	22X67_3	1906701.93	462210.86	65.70	1	11/26/2010	NF	
22X67	22X67_4	1906702.02	462293.59	8.88	1	11/26/2010	CD	Nail Pit
22X67	22X67_5	1906702.32	462230.95	7.41	1	11/26/2010	NF	
22X67	22X67_6	1906702.50	462206.64	54.40	1	11/26/2010	NF	
22X67	22X67_7	1906702.72	462283.75	10.70	1	11/26/2010	MD	Spoon
22X67	22X67_8	1906703.11	462217.16	15.28	1	11/26/2010	CD	Scrap
22X67	22X67_9	1906703.11	462223.86	24.68	1	11/26/2010	NF	
22X67	22X67_10	1906703.11	462264.44	84.56	1	11/26/2010	NF	
22X67	22X67_11	1906703.11	462299.11	30.28	1	11/26/2010	CD/MD	Wire/Grenade
22X67	22X67_12	1906705.18	462208.32	27.96	1	11/26/2010	NF	
22X67	22X67_13	1906705.61	462226.04	7.65	1	11/26/2010	NF	
22X67	22X67_14	1906705.87	462291.23	14.09	1	11/26/2010	CD	Nails Pit
22X67	22X67_15	1906706.49	462250.59	468.75	1	11/26/2010	CD	Pipe
22X67	22X67_16	1906706.66	462221.89	50.59	1	11/26/2010	NF	
22X67	22X67_17	1906707.54	462205.12	23.90	1	11/26/2010	CD	Nails
22X67	22X67_18	1906709.02	462241.98	6.75	1	11/26/2010	NF	
22X67	22X67_19	1906710.56	462207.87	5.72	1	11/26/2010	CD	Nails
22X67	22X67_20	1906710.60	462229.37	6.59	1	11/26/2010	NF	
22X67	22X67_21	1906711.44	462251.45	346.57	1	11/26/2010	CD	Pipe
22X67	22X67_22	1906712.57	462201.40	5.26	1	11/26/2010	CD	Wire
22X67	22X67_23	1906713.75	462209.67	7.60	1	11/26/2010	MD	Spoon
22X67	22X67_24	1906713.75	462268.77	8.84	1	11/26/2010	CD	Nail
22X67	22X67_25	1906717.30	462248.68	407.05	1	11/26/2010	CD	Pipe
22X67	22X67_26	1906717.30	462266.41	9.12	1	11/26/2010	CD	Nail
22X67	22X67_27	1906719.66	462253.41	198.41	1	11/26/2010	CD	Pipe
22X67	22X67_28	1906719.81	462260.01	38.04	1	11/26/2010	CD	Buried Foundation/Pipe
22X67	22X67_29	1906720.05	462246.32	307.50	1	11/26/2010	CD	Rod
22X67	22X67_30	1906722.42	462280.99	5.33	1	11/26/2010	CD	Nail
22X67	22X67_31	1906722.76	462266.48	6.97	1	11/26/2010	CD	Nail
22X67	22X67_32	1906722.81	462239.62	53.79	1	11/26/2010	CD	Nail Puller
22X67	22X67_33	1906725.57	462242.38	64.56	1	11/26/2010	CD	Nail Puller
22X67	22X67_34	1906725.57	462247.10	20.75	1	11/26/2010	CD	Nails
22X67	22X67_35	1906725.57	462265.23	8.48	1	11/26/2010	CD	Bolt
22X67	22X67_36	1906725.57	462274.68	7.03	1	11/26/2010	CD	Nail
22X67	22X67_37	1906725.57	462284.53	15.95	1	11/26/2010	CD	Can
22X67	22X67_38	1906725.99	462257.44	14.24	1	11/26/2010	CD	Nail/Nut
22X67	22X67_39	1906728.33	462253.80	24.39	1	11/26/2010	CD	Nails/Scrap
22X67	22X67_40	1906728.33	462262.47	13.39	1	11/26/2010	NF	
22X67	22X67_41	1906731.23	462257.44	9.17	1	11/26/2010	CD	Bolt
22X67	22X67_42	1906731.48	462299.51	15.15	1	11/26/2010	CD	Nails
22X67	22X67_43	1906736.60	462249.47	13.08	1	11/26/2010	CD/MD	Nail/Bullet
22X67	22X67_44	1906738.97	462251.83	8.67	1	11/26/2010	CD	Nail
22X67	22X67_45	1906742.91	462230.95	6.11	1	11/26/2010	CD	Nail
22X67	22X67_46	1906745.66	462228.98	7.96	1	11/26/2010	MD	Spoon
22X67	22X67_47	1906746.85	462240.80	18.07	1	11/26/2010	CD	Nails
22X67	22X67_48	1906747.63	462233.31	9.05	1	11/26/2010	CD	Lid
22X67	22X67_49	1906748.03	462246.32	8.56	1	11/26/2010	CD	Wire/Rod
22X67	22X67_50	1906751.18	462214.80	27.65	1	11/26/2010	CD	Pipe/Rod
22X67	22X67_51	1906751.97	462297.54	5.33	1	11/26/2010	CD	Foil
22X67	22X67_52	1906753.54	462236.86	5.56	1	11/26/2010	CD	Scrap
22X67	22X67_53	1906753.96	462246.31	7.86	1	11/26/2010	CD	Nail
22X67	22X67_54	1906755.91	462242.77	56.24	1	11/26/2010	CD	Faucet

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
22X67	22X67_55	1906758.24	462212.35	33.50	1	11/26/2010	CD	Wire
22X67	22X67_56	1906759.85	462284.14	5.20	1	11/26/2010	CD	Bottle Cap
22X67	22X67_57	1906764.18	462205.34	6.41	1	11/26/2010	CD	Nail
22X67	22X67_58	1906765.95	462252.11	11.42	1	11/26/2010	CD	Scrap
22X67	22X67_59	1906767.33	462209.28	7.15	1	11/26/2010	CD	Nail
22X67	22X67_60	1906767.66	462247.17	7.48	1	11/26/2010	CD	Wire
22X67	22X67_61	1906769.57	462223.67	29.58	1	11/26/2010	CD	Rod
22X67	22X67_62	1906772.51	462221.48	29.74	1	11/26/2010	CD	Rod
22X67	22X67_63	1906773.64	462229.37	11.04	1	11/26/2010	CD	Wire
22X67	22X67_64	1906776.00	462205.34	10.53	1	11/26/2010	CD	Bottle Cap
22X67	22X67_65	1906776.00	462212.43	10.86	1	11/26/2010	CD	Pipe
22X67	22X67_66	1906778.37	462208.89	5.21	1	11/26/2010	CD	Scrap/Wire
22X67	22X67_67	1906778.76	462231.74	5.18	1	11/26/2010	CD	Nail
22X67	22X67_68	1906783.88	462230.56	5.87	1	11/26/2010	CD	Nail
22X67	22X67_69	1906791.16	462233.85	53.15	1	11/26/2010	CD	Scrap/Wire
22X67	22X67_70	1906799.91	462221.01	5.95	1	11/26/2010	CD	Can
22X68	22X68_1	1906800.57	462241.93	12.48	1	11/17/2010	CD	Wire/Can
22X68	22X68_2	1906803.19	462202.98	9.76	1	11/17/2010	CD	Rod
22X68	22X68_3	1906828.80	462216.77	11.10	1	11/17/2010	CD	Lg Can
22X68	22X68_4	1906831.16	462202.19	48.47	1	11/17/2010	CD	Wire
22X68	22X68_5	1906832.34	462272.71	15.65	1	11/17/2010	CD	Wire
22X68	22X68_6	1906837.86	462215.58	8.88	1	11/17/2010	CD	Wire
22X68	22X68_7	1906869.38	462293.99	41.66	1	11/17/2010	CD	Pipe
22X69	22X69_1	1906928.48	462232.92	5.87	1	11/17/2010	CD	Wire
22X69	22X69_2	1906948.52	462268.85	6.00	1	11/17/2010	CD	Wire
22X69	22X69_3	1906950.15	462274.68	9.82	1	11/17/2010	MD/CD	.50Cal/Nail
22X69	22X69_4	1906951.73	462266.41	14.18	1	11/17/2010	CD	Wire
22X70	22X70_1	1907042.74	462257.35	66.30	1	11/17/2010	CD	Wire/Staples
22X70	22X70_2	1907045.50	462241.59	17.38	1	11/17/2010	CD	Big Nail
22X70	22X70_3	1907086.47	462265.43	7.24	1	11/17/2010	CD	Wire/Staples
22X71	22X71_1	1907102.63	462254.59	6.94	1	11/16/2010	CD	Wire
22X72	22X72_1	1907211.79	462226.57	5.11	1	11/15/2010	NF	
22X72	22X72_2	1907243.29	462252.62	9.37	1	11/15/2010	CD	Wire
22X72	22X72_3	1907244.86	462247.50	5.95	1	11/15/2010	CD	Wire
22X72	22X72_4	1907258.26	462255.38	5.38	1	11/15/2010	Rock	
22X72	22X72_5	1907259.05	462249.07	7.85	1	11/15/2010	Rock	
22X72	22X72_6	1907263.38	462231.74	6.90	1	11/15/2010	Rock	
22X72	22X72_7	1907264.76	462245.85	129.75	1	11/15/2010	CD	Rod
22X72	22X72_8	1907265.35	462266.41	15.45	1	11/15/2010	Rock	
22X72	22X72_9	1907270.47	462266.02	13.55	1	11/15/2010	Rock	
22X72	22X72_10	1907283.47	462257.35	5.57	1	11/15/2010	Rock	
22X72	22X72_11	1907289.38	462226.62	5.00	1	11/15/2010	Rock	
22X73	22X73_1	1907320.90	462247.10	18.60	1	11/10/2010	Rock	
22X73	22X73_2	1907326.03	462217.16	36.01	1	11/10/2010	Rock	
22X73	22X73_3	1907328.39	462250.26	5.84	1	11/10/2010	Rock	
22X73	22X73_4	1907329.57	462228.98	5.84	1	11/10/2010	Rock	
22X73	22X73_5	1907331.54	462243.95	15.35	1	11/10/2010	Rock	
22X73	22X73_6	1907332.53	462209.67	5.84	1	11/10/2010	Rock	
22X73	22X73_7	1907341.39	462297.54	10.02	1	11/10/2010	Rock	
22X73	22X73_8	1907341.79	462284.14	5.61	1	11/10/2010	Rock	
22X73	22X73_9	1907345.56	462249.58	5.84	1	11/10/2010	Rock	
22X73	22X73_10	1907349.27	462201.40	6.77	1	11/10/2010	MD	Bull
22X73	22X73_11	1907350.45	462233.71	5.37	1	11/10/2010	Rock	
22X73	22X73_12	1907350.85	462247.50	6.53	1	11/10/2010	Rock	
22X73	22X73_13	1907353.61	462230.95	15.35	1	11/10/2010	Rock	
22X73	22X73_14	1907354.39	462244.74	6.53	1	11/10/2010	Rock	
22X73	22X73_15	1907355.97	462261.29	7.93	1	11/10/2010	Rock	
22X73	22X73_16	1907357.55	462245.53	6.77	1	11/10/2010	Rock	
22X73	22X73_17	1907358.73	462296.35	5.14	1	11/10/2010	Rock	
22X73	22X73_18	1907364.64	462241.98	8.16	1	11/10/2010	Rock	
22X73	22X73_19	1907366.49	462244.77	5.13	1	11/10/2010	Rock	
22X73	22X73_20	1907367.40	462221.49	5.14	1	11/10/2010	Rock	
22X73	22X73_21	1907371.73	462201.40	7.46	1	11/10/2010	CD	Nail
22X73	22X73_22	1907371.73	462245.53	16.75	1	11/10/2010	Rock	
22X73	22X73_23	1907376.85	462200.22	6.30	1	11/10/2010	CD	Nail
22X73	22X73_24	1907377.64	462221.89	10.02	1	11/10/2010	Rock	
22X73	22X73_25	1907378.82	462218.74	12.80	1	11/10/2010	Rock	
22X73	22X73_26	1907382.76	462223.86	5.37	1	11/10/2010	Rock	
22X73	22X73_27	1907385.91	462239.62	5.61	1	11/10/2010	Rock	
22X73	22X73_28	1907389.07	462216.37	7.46	1	11/10/2010	Rock	
22X73	22X73_29	1907389.46	462201.40	15.12	1	11/10/2010	Rock	
22X73	22X73_30	1907391.04	462293.60	16.05	1	11/10/2010	Rock	
22X73	22X73_31	1907391.82	462288.87	5.61	1	11/10/2010	Rock	
22X73	22X73_32	1907396.95	462273.50	7.93	1	11/10/2010	Rock	

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
22X73	22X73_33	1907397.34	462259.71	5.84	1	11/10/2010	Rock	
22X73	22X73_34	1907398.92	462201.40	18.14	1	11/10/2010	Rock	
22X73	22X73_35	1907399.74	462232.45	24.40	1	11/10/2010	CD	Wire
22X73	22X73_36	1907400.10	462256.17	4.91	1	11/10/2010	Rock	
22X74	22X74_1	1907400.09	462232.13	23.01	1	11/15/2010	CD	Wire
22X74	22X74_2	1907402.46	462287.29	13.25	1	11/15/2010	Rock	
22X74	22X74_3	1907404.04	462248.29	7.84	1	11/15/2010	Rock	
22X74	22X74_4	1907406.80	462260.50	5.29	1	11/15/2010	Rock	
22X74	22X74_5	1907407.19	462256.17	6.82	1	11/15/2010	Rock	
22X74	22X74_6	1907407.19	462293.99	5.04	1	11/15/2010	Rock	
22X74	22X74_7	1907407.58	462279.41	6.59	1	11/15/2010	Rock	
22X74	22X74_8	1907411.92	462247.10	8.02	1	11/15/2010	CD	Staple
22X74	22X74_9	1907418.62	462247.50	21.75	1	11/15/2010	CD	Wire
22X74	22X74_10	1907419.40	462267.59	22.57	1	11/15/2010	Rock	
22X74	22X74_11	1907424.92	462269.96	5.55	1	11/15/2010	Rock	
22X74	22X74_12	1907425.00	462284.04	9.85	1	11/15/2010	Rock	
22X74	22X74_13	1907426.50	462254.59	5.58	1	11/15/2010	Rock	
22X74	22X74_14	1907426.55	462281.72	13.95	1	11/15/2010	Rock	
22X74	22X74_15	1907427.28	462237.25	5.66	1	11/15/2010	Rock	
22X74	22X74_16	1907428.07	462243.56	7.77	1	11/15/2010	Rock	
22X74	22X74_17	1907429.65	462240.80	8.68	1	11/15/2010	Rock	
22X74	22X74_18	1907430.04	462260.50	9.08	1	11/15/2010	CD	Staple
22X74	22X74_19	1907431.22	462269.56	11.30	1	11/15/2010	Rock	
22X74	22X74_20	1907432.41	462277.84	6.34	1	11/15/2010	Rock	
22X74	22X74_21	1907436.74	462244.35	5.43	1	11/15/2010	Rock	
22X74	22X74_22	1907439.50	462241.98	9.38	1	11/15/2010	Rock	
22X74	22X74_23	1907443.44	462253.41	11.81	1	11/15/2010	Rock	
22X74	22X74_24	1907443.83	462276.26	16.17	1	11/15/2010	CD	Nail
22X74	22X74_25	1907444.18	462247.77	8.80	1	11/15/2010	Rock	
23X57								No Flags
23X58	23X58_1	1905889.11	462297.93	27.30	1	12/7/2010	CD	Scrap
23X58	23X58_2	1905898.17	462286.11	5.83	1	12/7/2010	CD	Scrap
23X58								No Targets
23X59	23X59_1	1905905.66	462340.48	9.44	1	12/7/2010		Sift Grid - High Density
23X59	23X59_2	1905906.05	462328.66	10.38	1	12/7/2010		Sift Grid - High Density
23X59	23X59_3	1905908.41	462351.12	8716.54	1	12/7/2010		Sift Grid - High Density
23X59	23X59_4	1905909.80	462341.77	5.54	1	12/7/2010		Sift Grid - High Density
23X59	23X59_5	1905913.54	462361.76	5766.72	1	12/7/2010		Sift Grid - High Density
23X59	23X59_6	1905914.72	462396.04	25.01	1	12/7/2010		Sift Grid - High Density
23X59	23X59_7	1905916.29	462369.64	42.46	1	12/7/2010		Sift Grid - High Density
23X59	23X59_8	1905916.69	462380.28	10.38	1	12/7/2010		Sift Grid - High Density
23X59	23X59_9	1905917.00	462350.72	10.00	1	12/7/2010		Sift Grid - High Density
23X59	23X59_10	1905917.08	462397.61	19.39	1	12/7/2010		Sift Grid - High Density
23X59	23X59_11	1905917.87	462387.76	11.70	1	12/7/2010		Sift Grid - High Density
23X59	23X59_12	1905919.45	462343.63	16.76	1	12/7/2010		Sift Grid - High Density
23X59	23X59_13	1905920.99	462391.18	10.57	1	12/7/2010		Sift Grid - High Density
23X59	23X59_14	1905925.36	462340.09	13.76	1	12/7/2010		Sift Grid - High Density
23X59	23X59_15	1905927.72	462355.85	19.20	1	12/7/2010		Sift Grid - High Density
23X59	23X59_16	1905927.72	462396.82	8.32	1	12/7/2010		Sift Grid - High Density
23X59	23X59_17	1905928.11	462365.30	10.38	1	12/7/2010		Sift Grid - High Density
23X59	23X59_18	1905930.72	462357.82	33.45	1	12/7/2010		Sift Grid - High Density
23X59	23X59_19	1905931.01	462360.64	9.33	1	12/7/2010		Sift Grid - High Density
23X59	23X59_20	1905931.27	462333.78	202.85	1	12/7/2010		Sift Grid - High Density
23X59	23X59_21	1905931.27	462368.85	25.76	1	12/7/2010		Sift Grid - High Density
23X59	23X59_22	1905933.24	462376.73	35.14	1	12/7/2010		Sift Grid - High Density
23X59	23X59_23	1905935.99	462364.52	27.45	1	12/7/2010		Sift Grid - High Density
23X59	23X59_24	1905935.99	462368.06	40.96	1	12/7/2010		Sift Grid - High Density
23X59	23X59_25	1905936.55	462328.64	23.09	1	12/7/2010		Sift Grid - High Density
23X59	23X59_26	1905937.14	462323.58	122.17	1	12/7/2010		Sift Grid - High Density
23X59	23X59_27	1905938.01	462382.82	10.31	1	12/7/2010		Sift Grid - High Density
23X59	23X59_28	1905940.72	462386.19	83.35	1	12/7/2010		Sift Grid - High Density
23X59	23X59_29	1905944.82	462370.95	11.57	1	12/7/2010		Sift Grid - High Density
23X59	23X59_30	1905945.06	462321.18	10975.48	1	12/7/2010		Sift Grid - High Density
23X59	23X59_31	1905945.84	462331.03	11.70	1	12/7/2010		Sift Grid - High Density
23X59	23X59_32	1905946.96	462374.84	46.69	1	12/7/2010		Sift Grid - High Density
23X59	23X59_33	1905947.64	462362.10	5.33	1	12/7/2010		Sift Grid - High Density
23X59	23X59_34	1905949.20	462367.25	18.17	1	12/7/2010		Sift Grid - High Density
23X59	23X59_35	1905951.36	462329.84	52.03	1	12/7/2010		Sift Grid - High Density
23X59	23X59_36	1905951.36	462396.43	65.35	1	12/7/2010		Sift Grid - High Density
23X59	23X59_37	1905952.54	462376.73	70.41	1	12/7/2010		Sift Grid - High Density
23X59	23X59_38	1905952.94	462370.03	25.95	1	12/7/2010		Sift Grid - High Density
23X59	23X59_39	1905954.55	462326.69	8.85	1	12/7/2010		Sift Grid - High Density
23X59	23X59_40	1905955.81	462330.58	5.94	1	12/7/2010		Sift Grid - High Density
23X59	23X59_41	1905957.66	462382.64	93.11	1	12/7/2010		Sift Grid - High Density

Subsurface Anomaly Investigation Results

Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
23X59	23X59_42	1905960.19	462385.35	106.86	1	12/7/2010		Sift Grid - High Density
23X59	23X59_43	1905965.35	462391.18	119.55	1	12/7/2010		Sift Grid - High Density
23X59	23X59_44	1905969.48	462396.04	190.65	1	12/7/2010		Sift Grid - High Density
23X59	23X59_45	1905972.06	462399.26	154.91	1	12/7/2010		Sift Grid - High Density
23X59	23X59_46	1905979.26	462367.94	7.68	1	12/7/2010		Sift Grid - High Density
23X59	23X59_47	1905980.91	462331.81	5.51	1	12/7/2010		Sift Grid - High Density
23X59	23X59_48	1905982.08	462382.14	9.11	1	12/7/2010		Sift Grid - High Density
23X59	23X59_49	1905983.67	462375.94	1595.88	1	12/7/2010		Sift Grid - High Density
23X59	23X59_50	1905988.69	462379.80	19.02	1	12/7/2010		Sift Grid - High Density
23X59	23X59_51	1905991.94	462387.37	11.32	1	12/7/2010		Sift Grid - High Density
23X59	23X59_52	1905994.31	462392.10	11.13	1	12/7/2010		Sift Grid - High Density
23X60	23X60_1	1906006.52	462351.12	80.16	1	12/6/2010	CD	Horse Shoe
23X60	23X60_2	1906041.59	462316.84	11.55	1	12/6/2010	CD	Clip
23X60	23X60_3	1906041.59	462327.48	8.35	1	12/6/2010	CD	Clip
23X60	23X60_4	1906041.59	462352.3	5.9	1	12/6/2010	NF	
23X60	23X60_5	1906041.98	462308.96	7.53	1	12/6/2010	CD	Clip
23X60	23X60_6	1906045.13	462326.3	7.91	1	12/6/2010	CD	Clip
23X60	23X60_7	1906045.53	462370.03	18.66	1	12/6/2010	CD	Clip
23X60	23X60_8	1906045.92	462351.51	9.27	1	12/6/2010	CD	Clip
23X60	23X60_9	1906045.92	462357.03	13.13	1	12/6/2010	CD	Clip
23X60	23X60_10	1906045.92	462364.12	10.57	1	12/6/2010	CD	Clip
23X60	23X60_11	1906046.31	462386.58	19.87	1	12/6/2010	CD	Clip
23X60	23X60_12	1906047.1	462382.25	17.84	1	12/6/2010	CD	Clip
23X60	23X60_13	1906047.1	462399.19	12.63	1	12/6/2010	CD	Clip
23X61	23X61_1	1906106.60	462302.26	12.07	1	11/22/2010	NF	Sift Grid - High Density
23X61	23X61_2	1906116.84	462302.26	5.93	1	11/22/2010	NF	Sift Grid - High Density
23X61	23X61_3	1906120.78	462301.87	6.85	1	11/22/2010	NF	Sift Grid - High Density
23X61	23X61_4	1906189.48	462395.02	23.31	1	11/22/2010		Sift Grid - High Density
23X61	23X61_5	1906192.83	462398.37	10.51	1	11/22/2010		Sift Grid - High Density
23X61	23X61_6	1906193.13	462382.30	138.13	1	11/22/2010		Deeper than 24", Sift Grid - High Density
23X61	23X61_7	1906195.25	462387.37	4094.17	1	11/22/2010		Sift Grid - High Density
23X61	23X61_8	1906195.36	462391.90	121.18	1	11/22/2010		Intact drum at 12"
23X61	23X61_9	1906196.33	462398.22	25.47	1	11/22/2010		Sift Grid - High Density
23X61	23X61_10	1906198.50	462384.22	363.72	1	11/22/2010		Sift Grid - High Density
23X61	23X61_11	1906199.00	462397.22	522.74	1	11/22/2010		Sift Grid - High Density
23X62	23X62_1	1906201.55	462396.82	1119.34	1	12/8/2010		Deeper than 12"
23X62	23X62_2	1906203.52	462383.82	1593.09	1	12/8/2010		Deeper than 12"
23X62	23X62_3	1906211.47	462378.76	7.09	1	12/8/2010	CD	Nail
23X62	23X62_4	1906216.70	462397.27	5.12	1	12/8/2010	CD	Hot Rocks/Nail
23X62	23X62_5	1906220.46	462388.16	5.22	1	12/8/2010	CD	Nail
23X62	23X62_6	1906222.43	462373.97	5.07	1	12/8/2010	NF	
23X62	23X62_7	1906226.37	462324.72	21.22	1	12/8/2010	SEED	SEED
23X62	23X62_8	1906228.74	462361.76	7.37	1	12/8/2010	CD	Nail
23X62	23X62_9	1906230.71	462325.12	25.51	1	12/8/2010		Same as # 7
23X62	23X62_10	1906235.43	462359.79	15.26	1	12/8/2010	CD	Nail
23X62	23X62_11	1906239.77	462360.97	5.33	1	12/8/2010	CD	Nail
23X62	23X62_12	1906249.96	462381.70	164.57	1	12/8/2010	CD	Survey Marker
23X62	23X62_13	1906252.14	462352.26	361.38	1	12/8/2010	CD	Buried Conduit
23X62	23X62_14	1906257.15	462348.01	2213.29	1	12/8/2010	CD	Buried Conduit
23X62	23X62_15	1906257.89	462338.51	7.84	1	12/8/2010	CD	Nail
23X62	23X62_16	1906260.75	462346.38	2206.61	1	12/8/2010	CD	Buried Conduit
23X62	23X62_17	1906265.00	462334.93	11.57	1	12/8/2010	CD	Scrap
23X62	23X62_18	1906270.11	462333.00	19.29	1	12/8/2010	CD	Nail
23X62	23X62_19	1906273.18	462337.54	5.77	1	12/8/2010	CD	Nail
23X62	23X62_20	1906277.59	462330.63	5.95	1	12/8/2010	CD	Nail
23X62	23X62_21	1906278.38	462366.88	11.50	1	12/8/2010	CD	Nails
23X62	23X62_22	1906278.63	462323.37	18.65	1	12/8/2010	CD	Nails
23X62	23X62_23	1906290.59	462321.96	6.95	1	12/8/2010	CD	Nail
23X63	23X63_1	1906300.64	462371.80	6.14	1	12/2/2010	MD	smoke grenade
23X63	23X63_2	1906307.54	462366.88	47.58	1	12/2/2010	CD	scrap
23X63	23X63_3	1906313.45	462329.06	8186.30	1	12/2/2010	CD	rebar (in ground)
23X63	23X63_4	1906314.23	462350.33	799.25	1	12/2/2010	CD	steel
23X63	23X63_5	1906321.72	462325.90	11.05	1	12/2/2010	MD	spoon
23X63	23X63_6	1906334.33	462343.24	7.64	1	12/2/2010	MD	smoke grenade
23X63	23X63_7	1906348.91	462366.49	5.04	1	12/2/2010	CD	nails
23X63	23X63_8	1906355.60	462352.70	6.50	1	12/2/2010	CD	nails
23X63	23X63_9	1906391.06	462329.06	5.85	1	12/2/2010	CD	wires
23X64	23X64_1	1906400.69	462313.84	7.08	1	11/10/2010	CD	Wire
23X64	23X64_2	1906403.28	462309.75	41.07	1	11/10/2010	MD/CD	Cart/Mail
23X64	23X64_3	1906405.25	462306.60	6.09	1	11/10/2010	MD	Spoon
23X64	23X64_4	1906413.21	462302.41	31.67	1	11/10/2010	MD	Flare
23X64	23X64_5	1906415.10	462393.67	21.27	1	11/10/2010	CD	Nail
23X64	23X64_6	1906420.22	462304.23	5.27	1	11/10/2010	CD	Can
23X64	23X64_7	1906420.22	462308.57	7.91	1	11/10/2010	MD/CD	Spoon/Link

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
23X64	23X64_8	1906421.01	462366.09	6.92	1	11/10/2010	CD	Nail
23X64	23X64_9	1906422.98	462309.36	10.55	1	11/10/2010	CD	Nail
23X64	23X64_10	1906427.71	462310.54	10.55	1	11/10/2010	CD	Wire/Nail
23X64	23X64_11	1906427.71	462387.76	5.27	1	11/10/2010	CD	Nail
23X64	23X64_12	1906428.10	462346.39	6.09	1	11/10/2010	CD	Nail
23X64	23X64_13	1906431.23	462317.58	7.30	1	11/10/2010	CD	Wire/Nail
23X64	23X64_14	1906433.62	462348.76	13.35	1	11/10/2010	CD	Wire
23X64	23X64_15	1906435.19	462316.84	15.33	1	11/10/2010	CD	Nail
23X64	23X64_16	1906437.16	462348.76	8.57	1	11/10/2010	CD	Nail
23X64	23X64_17	1906437.72	462310.55	11.73	1	11/10/2010	MD	SMK
23X64	23X64_18	1906440.31	462312.90	40.25	1	11/10/2010	CD	Wire
23X64	23X64_19	1906442.28	462314.48	30.84	1	11/10/2010	MD	Brass
23X64	23X64_20	1906445.04	462305.81	5.43	1	11/10/2010	MD	Cart/Mail
23X64	23X64_21	1906447.39	462301.43	10.95	1	11/10/2010	CD/MD	Nail/Fuse
23X64	23X64_22	1906447.57	462308.32	5.06	1	11/10/2010	CD	Nails
23X64	23X64_23	1906449.77	462304.23	24.41	1	11/10/2010	CD/MD	Lg Bolt/UNK
23X64	23X64_24	1906455.29	462391.31	5.43	1	11/10/2010	NF	
23X64	23X64_25	1906456.86	462310.14	10.55	1	11/10/2010	MD/CD	Bolt/Spoon
23X64	23X64_26	1906458.59	462312.63	5.24	1	11/10/2010	NF	
23X64	23X64_27	1906465.14	462338.51	5.43	1	11/10/2010	MD	EXcess Cart
23X64	23X64_28	1906467.50	462335.75	5.43	1	11/10/2010	MD	EXcess Cart
23X64	23X64_29	1906470.26	462335.36	5.43	1	11/10/2010	CD	Cart/Wire
23X64	23X64_30	1906473.80	462333.78	7.08	1	11/10/2010	CD	Nail
23X64	23X64_31	1906474.99	462395.64	5.60	1	11/10/2010	NF	
23X64	23X64_32	1906484.05	462366.29	5.35	1	11/10/2010	NF	
23X64	23X64_33	1906490.35	462373.58	7.25	1	11/10/2010	NF	
23X64	23X64_34	1906491.14	462338.91	10.71	1	11/10/2010	MD	Brass/Cart
23X64	23X64_35	1906494.29	462329.84	23.75	1	11/10/2010	MD/CD	Cart/Can
23X64	23X64_36	1906496.66	462325.12	14.34	1	11/10/2010	CD	Can/Nail
23X64	23X64_37	1906497.84	462321.57	6.42	1	11/10/2010	CD	Wire
23X64	23X64_38	1906499.81	462319.99	9.72	1	11/10/2010	ROCK	
23X65	23X65_1	1906500.32	462320.33	6.74	1	11/24/2010	MD/CD	Nail/Brass
23X65	23X65_2	1906503.75	462301.87	19.77	1	11/24/2010	CD	Nail
23X65	23X65_3	1906504.93	462303.45	25.66	1	11/24/2010	CD	Bolt
23X65	23X65_4	1906505.32	462328.27	15.48	1	11/24/2010	CD/MD	Nail/Bullets
23X65	23X65_5	1906510.45	462369.24	39.14	1	11/24/2010	CD	Wire/Scrap
23X65	23X65_6	1906512.42	462301.08	6.25	1	11/24/2010	CD/MD	Brass/Nail
23X65	23X65_7	1906513.20	462328.27	5.80	1	11/24/2010	CD	Nail
23X65	23X65_8	1906517.93	462332.21	8.25	1	11/24/2010	CD	Nail
23X65	23X65_9	1906519.90	462335.36	6.06	1	11/24/2010	CD	Nail
23X65	23X65_10	1906522.27	462309.36	6.33	1	11/24/2010	CD/MD	Brass/Scrap
23X65	23X65_11	1906522.66	462304.63	4.94	1	11/24/2010	MD/CD	Brass/Nail
23X65	23X65_12	1906525.02	462315.66	4.90	1	11/24/2010	MD	Brass
23X65	23X65_13	1906525.02	462330.63	8.52	1	11/24/2010	CD	Wire
23X65	23X65_14	1906530.93	462343.63	12.32	1	11/24/2010	MD	Smoke Grenade
23X65	23X65_15	1906533.30	462325.51	30.87	1	11/24/2010	CD	Wire
23X65	23X65_16	1906535.27	462346.39	9.11	1	11/24/2010	CD	Nail
23X65	23X65_17	1906535.27	462351.51	8.21	1	11/24/2010	CD	Nail
23X65	23X65_18	1906540.00	462324.33	12.52	1	11/24/2010	CD	Wire
23X65	23X65_19	1906540.00	462329.84	7.65	1	11/24/2010	CD	Wire
23X65	23X65_20	1906544.72	462324.72	11.50	1	11/24/2010	CD	Wire
23X65	23X65_21	1906547.48	462326.69	17.78	1	11/24/2010	MD	.50Cal/Fuse/Brass
23X65	23X65_22	1906554.57	462303.45	8.00	1	11/24/2010	CD	Scrap
23X65	23X65_23	1906555.76	462325.12	63.85	1	11/24/2010	CD	Pipe
23X65	23X65_24	1906556.94	462324.33	59.24	1	11/24/2010	CD	Pipe
23X65	23X65_25	1906574.27	462340.09	10.19	1	11/24/2010	CD	Nail
23X65	23X65_26	1906577.43	462306.99	6.88	1	11/24/2010	CD/MD	Nail/Brass
23X65	23X65_27	1906581.76	462319.60	46.43	1	11/24/2010	CD	Nails
23X65	23X65_28	1906587.67	462330.63	7.51	1	11/24/2010	CD/MD	Brass/Nail
23X65	23X65_29	1906595.16	462323.54	5.43	1	11/24/2010	CD	Wire
23X65	23X65_30	1906596.34	462306.99	19.65	1	11/24/2010	CD	Pipe
23X66	23X66_1	1906604.22	462368.46	16.37	1	11/21/2010		Sift Grid - High Density
23X66	23X66_2	1906605.40	462329.84	9.05	1	11/21/2010		Sift Grid - High Density
23X66	23X66_3	1906605.40	462334.18	5.12	1	11/21/2010		Sift Grid - High Density
23X66	23X66_4	1906607.76	462314.48	8.94	1	11/21/2010		Sift Grid - High Density
23X66	23X66_5	1906612.10	462362.94	10.82	1	11/21/2010		Sift Grid - High Density
23X66	23X66_6	1906614.46	462347.18	7.85	1	11/21/2010		Sift Grid - High Density
23X66	23X66_7	1906614.86	462355.45	28.88	1	11/21/2010		Sift Grid - High Density
23X66	23X66_8	1906616.83	462310.93	11.38	1	11/21/2010		Sift Grid - High Density
23X66	23X66_9	1906618.80	462311.72	14.97	1	11/21/2010		Sift Grid - High Density
23X66	23X66_10	1906625.10	462319.21	5.62	1	11/21/2010		Sift Grid - High Density
23X66	23X66_11	1906628.65	462300.69	8.59	1	11/21/2010		Sift Grid - High Density
23X66	23X66_12	1906628.65	462302.66	11.48	1	11/21/2010		Sift Grid - High Density
23X66	23X66_13	1906628.65	462305.42	6.42	1	11/21/2010		Sift Grid - High Density

Subsurface Anomaly Investigation Results

Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
23X66	23X66_14	1906630.62	462320.78	31.32	1	11/21/2010		Sift Grid - High Density
23X66	23X66_15	1906631.01	462353.48	5.91	1	11/21/2010		Sift Grid - High Density
23X66	23X66_16	1906631.80	462331.81	5.64	1	11/21/2010		Sift Grid - High Density
23X66	23X66_17	1906633.77	462368.06	18.23	1	11/21/2010		Sift Grid - High Density
23X66	23X66_18	1906634.56	462331.03	5.77	1	11/21/2010		Sift Grid - High Density
23X66	23X66_19	1906635.74	462381.06	9.56	1	11/21/2010		Sift Grid - High Density
23X66	23X66_20	1906639.28	462307.39	8.48	1	11/21/2010		Sift Grid - High Density
23X66	23X66_21	1906639.28	462318.02	6.29	1	11/21/2010		Sift Grid - High Density
23X66	23X66_22	1906651.10	462308.57	7.37	1	11/21/2010		Sift Grid - High Density
23X66	23X66_23	1906653.86	462318.02	8.77	1	11/21/2010		Sift Grid - High Density
23X66	23X66_24	1906656.62	462352.70	12.17	1	11/21/2010		Sift Grid - High Density
23X66	23X66_25	1906659.38	462355.06	11.94	1	11/21/2010		Sift Grid - High Density
23X66	23X66_26	1906659.77	462321.18	5.47	1	11/21/2010		Sift Grid - High Density
23X66	23X66_27	1906670.41	462366.09	5.14	1	11/21/2010		Sift Grid - High Density
23X66	23X66_28	1906670.80	462343.24	31.00	1	11/21/2010		Sift Grid - High Density
23X66	23X66_29	1906671.59	462318.02	31.09	1	11/21/2010		Sift Grid - High Density
23X66	23X66_30	1906671.99	462312.90	11.02	1	11/21/2010		Sift Grid - High Density
23X66	23X66_31	1906673.96	462346.00	386.07	1	11/21/2010		Sift Grid - High Density
23X66	23X66_32	1906674.35	462303.84	5.27	1	11/21/2010		Sift Grid - High Density
23X66	23X66_33	1906677.50	462304.63	5.06	1	11/21/2010		Sift Grid - High Density
23X66	23X66_34	1906677.50	462317.63	6.75	1	11/21/2010		Sift Grid - High Density
23X66	23X66_35	1906679.87	462348.76	917.51	1	11/21/2010		Sift Grid - High Density
23X66	23X66_36	1906680.26	462313.30	5.72	1	11/21/2010		Sift Grid - High Density
23X66	23X66_37	1906681.84	462359.00	12.28	1	11/21/2010		Sift Grid - High Density
23X66	23X66_38	1906684.59	462355.85	15.38	1	11/21/2010		Sift Grid - High Density
23X66	23X66_39	1906684.99	462343.24	6.12	1	11/21/2010		Sift Grid - High Density
23X66	23X66_40	1906687.35	462356.24	14.31	1	11/21/2010		Sift Grid - High Density
23X66	23X66_41	1906689.72	462371.61	5.00	1	11/21/2010		Sift Grid - High Density
23X66	23X66_42	1906692.95	462340.20	5.26	1	11/21/2010		Sift Grid - High Density
23X66	23X66_43	1906694.28	462336.48	4.45	1	11/21/2010		Sift Grid - High Density
23X66	23X66_44	1906694.44	462329.06	7.71	1	11/21/2010		Sift Grid - High Density
23X66	23X66_45	1906695.23	462371.21	8.23	1	11/21/2010		Sift Grid - High Density
23X66	23X66_46	1906697.20	462325.12	12.11	1	11/21/2010		Sift Grid - High Density
23X66	23X66_47	1906697.20	462341.27	30.87	1	11/21/2010		Sift Grid - High Density
23X67	23X67_1	1906703.51	462360.18	13.50	1	11/26/2010		Sift Grid - High Density
23X67	23X67_2	1906709.02	462323.54	5.54	1	11/26/2010		Sift Grid - High Density
23X67	23X67_3	1906709.42	462341.66	11.48	1	11/26/2010		Sift Grid - High Density
23X67	23X67_4	1906709.42	462347.97	9.00	1	11/26/2010		Sift Grid - High Density
23X67	23X67_5	1906711.78	462330.24	5.92	1	11/26/2010		Sift Grid - High Density
23X67	23X67_6	1906722.02	462336.15	6.52	1	11/26/2010		Sift Grid - High Density
23X67	23X67_7	1906722.02	462341.66	6.14	1	11/26/2010		Sift Grid - High Density
23X67	23X67_8	1906728.33	462315.27	5.98	1	11/26/2010		Sift Grid - High Density
23X67	23X67_9	1906731.09	462307.39	15.76	1	11/26/2010		Sift Grid - High Density
23X67	23X67_10	1906739.36	462339.69	5.61	1	11/26/2010		Sift Grid - High Density
23X67	23X67_11	1906739.36	462354.27	86.19	1	11/26/2010		Sift Grid - High Density
23X67	23X67_12	1906743.30	462358.21	51.87	1	11/26/2010		Sift Grid - High Density
23X67	23X67_13	1906746.06	462357.42	57.52	1	11/26/2010		Sift Grid - High Density
23X67	23X67_14	1906747.63	462349.54	8.79	1	11/26/2010		Sift Grid - High Density
23X67	23X67_15	1906747.63	462351.91	6.27	1	11/26/2010		Sift Grid - High Density
23X67	23X67_16	1906757.09	462368.46	17.71	1	11/26/2010		Sift Grid - High Density
23X67	23X67_17	1906761.03	462360.18	6.70	1	11/26/2010		Sift Grid - High Density
23X67	23X67_18	1906766.55	462339.30	8.64	1	11/26/2010		Sift Grid - High Density
23X67	23X67_19	1906774.43	462385.79	5.47	1	11/26/2010		Sift Grid - High Density
23X67	23X67_20	1906778.37	462314.48	105.50	1	11/26/2010		Sift Grid - High Density
23X67	23X67_21	1906781.54	462312.99	76.28	1	11/26/2010		Sift Grid - High Density
23X67	23X67_22	1906784.28	462318.42	13.18	1	11/26/2010		Sift Grid - High Density
23X67	23X67_23	1906796.88	462325.12	60.28	1	11/26/2010		Sift Grid - High Density
23X68	23X68_1	1906805.95	462391.70	50.93	1	11/17/2010	CD	Wire
23X68	23X68_2	1906808.87	462395.38	6.34	1	11/17/2010	CD	Scrap
23X68	23X68_3	1906828.01	462351.12	9.06	1	11/17/2010	CD	Can
23X68	23X68_4	1906836.68	462362.15	5.58	1	11/17/2010	CD	Scrap
23X68	23X68_5	1906843.38	462367.27	7.23	1	11/17/2010	MD	Smoke Grenade
23X68	23X68_6	1906848.10	462366.09	64.45	1	11/17/2010	CD	Pipe
23X68	23X68_7	1906849.48	462300.89	5.68	1	11/17/2010	CD	Nail
23X68	23X68_8	1906856.38	462356.24	21.91	1	11/17/2010	CD	Wire/Lead Nut
23X68	23X68_9	1906864.65	462349.15	26.47	1	11/17/2010	CD	Poker
23X68	23X68_10	1906870.56	462361.36	10.12	1	11/17/2010	MD	Smoke Grenade
23X68	23X68_11	1906889.87	462369.24	14.53	1	11/17/2010	CD	Metal Rod
23X68	23X68_12	1906890.26	462366.09	6.74	1	11/17/2010	CD	Nail
23X69	23X69_1	1906919.12	462377.48	5.03	1	11/17/2010	CD	Nut
23X69	23X69_2	1906937.55	462399.14	20.68	1	11/17/2010	CD	Wire
23X69	23X69_3	1906947.23	462386.03	6.75	1	11/17/2010	SEED	SEED
23X69	23X69_4	1906951.73	462386.58	30.27	1	11/17/2010	SEED	SEED
23X70	23X70_1	1907035.65	462334.97	5.14	1	11/17/2010	CD	Nails/Foil

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
23X71	23X71_1	1907117.99	462386.58	19.14	1	11/16/2010	CD	Bolt
23X72	23X72_1	1907250.67	462337.59	5.49	1	11/15/2010	CD	Wire
23X72	23X72_2	1907250.83	462339.95	5.33	1	11/15/2010	CD	Wire
23X72	23X72_3	1907272.44	462359.79	5.00	1	11/15/2010	Rock	
23X72	23X72_4	1907284.06	462372.99	6.38	1	11/15/2010	Rock	
23X72	23X72_5	1907285.10	462354.46	5.56	1	11/15/2010	Rock	
23X72	23X72_6	1907293.07	462336.97	5.00	1	11/15/2010	Rock	
23X73	23X73_1	1907307.51	462306.60	14.66	1	11/10/2010	Rock	
23X73	23X73_2	1907311.45	462334.57	10.71	1	11/10/2010	Rock	
23X73	23X73_3	1907312.28	462325.41	5.06	1	11/10/2010	Rock	
23X73	23X73_4	1907315.39	462320.78	6.30	1	11/10/2010	CD	Nails
23X73	23X73_5	1907315.78	462334.18	10.48	1	11/10/2010	Rock	
23X73	23X73_6	1907320.12	462309.36	6.07	1	11/10/2010	Rock	
23X73	23X73_7	1907328.05	462367.12	5.26	1	11/10/2010	Rock	
23X73	23X73_8	1907329.18	462306.99	5.37	1	11/10/2010	Rock	
23X73	23X73_9	1907330.36	462364.12	17.91	1	11/10/2010	Rock	
23X73	23X73_10	1907331.54	462321.57	13.73	1	11/10/2010	Rock	
23X73	23X73_11	1907331.69	462318.75	10.69	1	11/10/2010	Rock	
23X73	23X73_12	1907331.94	462310.14	73.61	1	11/10/2010	Rock	
23X73	23X73_13	1907333.89	462361.47	7.67	1	11/10/2010	Rock	
23X73	23X73_14	1907337.85	462300.29	11.64	1	11/10/2010	Rock	
23X73	23X73_15	1907337.85	462308.57	5.61	1	11/10/2010	Rock	
23X73	23X73_16	1907343.76	462380.28	7.23	1	11/10/2010	Rock	
23X73	23X73_17	1907344.23	462377.56	5.14	1	11/10/2010	Rock	
23X73	23X73_18	1907346.91	462316.05	26.26	1	11/10/2010	Rock	
23X73	23X73_19	1907349.86	462373.78	5.49	1	11/10/2010	Rock	
23X73	23X73_20	1907351.24	462313.69	11.41	1	11/10/2010	Rock	
23X73	23X73_21	1907354.79	462305.42	11.64	1	11/10/2010	Rock	
23X73	23X73_22	1907355.18	462363.33	7.70	1	11/10/2010	Rock	
23X73	23X73_23	1907357.55	462321.18	7.00	1	11/10/2010	Rock	
23X73	23X73_24	1907357.94	462312.90	6.53	1	11/10/2010	Rock	
23X73	23X73_25	1907360.30	462362.15	5.37	1	11/10/2010	Rock	
23X73	23X73_26	1907363.06	462315.66	23.48	1	11/10/2010	Rock	
23X73	23X73_27	1907367.00	462322.36	39.21	1	11/10/2010	Rock	
23X73	23X73_28	1907370.94	462348.36	5.61	1	11/10/2010	Rock	
23X73	23X73_29	1907371.34	462364.16	5.09	1	11/10/2010	Rock	
23X73	23X73_30	1907374.60	462322.77	5.07	1	11/10/2010	Rock	
23X73	23X73_31	1907378.03	462363.73	11.18	1	11/10/2010	Rock	
23X73	23X73_32	1907383.16	462329.84	12.80	1	11/10/2010	Rock	
23X73	23X73_33	1907387.49	462308.57	8.16	1	11/10/2010	Rock	
23X73	23X73_34	1907393.01	462393.67	5.84	1	11/10/2010	Rock	
23X73	23X73_35	1907394.42	462308.69	5.75	1	11/10/2010	Rock	
23X73	23X73_36	1907396.82	462309.94	7.39	1	11/10/2010	Rock	
23X73	23X73_37	1907396.95	462306.20	8.39	1	11/10/2010	Rock	
23X74	23X74_1	1907404.43	462304.63	5.38	1	11/15/2010	Rock	
23X74	23X74_2	1907409.55	462303.84	5.90	1	11/15/2010	Rock	
23X74	23X74_3	1907409.55	462362.15	19.45	1	11/15/2010	Rock	
23X74	23X74_4	1907410.74	462373.18	5.66	1	11/15/2010	Rock	
23X74	23X74_5	1907413.10	462303.45	6.79	1	11/15/2010	Rock	
23X74	23X74_6	1907416.25	462368.06	19.24	1	11/15/2010	Rock	
23X74	23X74_7	1907416.51	462300.57	8.60	1	11/15/2010	Rock	
23X74	23X74_8	1907419.11	462387.48	6.04	1	11/15/2010	Rock	
23X74	23X74_9	1907420.59	462376.34	6.28	1	11/15/2010	Rock	
23X74	23X74_10	1907421.29	462389.52	5.98	1	11/15/2010	Rock	
23X74	23X74_11	1907424.92	462385.00	5.07	1	11/15/2010	Rock	
23X74	23X74_12	1907426.10	462304.63	9.58	1	11/15/2010	Rock	
23X74	23X74_13	1907429.65	462305.42	11.59	1	11/15/2010	Rock	
23X74	23X74_14	1907430.83	462366.09	5.49	1	11/15/2010	Rock	
23X74	23X74_15	1907430.83	462372.00	15.50	1	11/15/2010	Rock	
23X74	23X74_16	1907435.95	462357.42	9.24	1	11/15/2010	Rock	
23X74	23X74_17	1907438.32	462360.97	18.24	1	11/15/2010	Rock	
23X74	23X74_18	1907440.29	462394.85	13.32	1	11/15/2010	Rock	
23X74	23X74_19	1907454.08	462379.49	6.72	1	11/15/2010	Rock	
23X74	23X74_20	1907465.50	462338.12	5.31	1	11/15/2010	Rock	
23X74	23X74_21	1907467.87	462381.46	6.63	1	11/15/2010	Rock	
23X74	23X74_22	1907479.29	462357.42	6.05	1	11/15/2010	Rock	
23X74	23X74_23	1907480.47	462366.88	8.56	1	11/15/2010	Rock	
23X74	23X74_24	1907482.84	462349.54	35.47	1	11/15/2010	Rock	
23X74	23X74_25	1907491.51	462356.24	72.84	1	11/15/2010	Rock	
23X74	23X74_26	1907492.29	462323.15	5.20	1	11/15/2010	Rock	
23X74	23X74_27	1907492.69	462345.60	10.81	1	11/15/2010	Rock	
23X74	23X74_28	1907493.08	462353.48	64.00	1	11/15/2010	Rock	
23X74	23X74_29	1907495.45	462357.42	11.50	1	11/15/2010	Rock	
23X74	23X74_30	1907497.42	462322.36	10.27	1	11/15/2010	Rock	

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
23X74	23X74_31	1907497.42	462373.18	15.47	1	11/15/2010	CD	Nail/Staple
23X74	23X74_32	1907499.78	462359.79	14.67	1	11/15/2010	CD	Staple
23X75	23X75_1	1907500.17	462337.33	6.08	1	11/10/2010	Rock	Rock
23X75	23X75_2	1907500.17	462370.43	6.84	1	11/10/2010	CD	Nail/Staple
23X75	23X75_3	1907502.14	462341.27	32.25	1	11/10/2010	Rock	Rock
23X75	23X75_4	1907502.93	462362.15	10.38	1	11/10/2010	CD	Staple/Wire
23X75	23X75_5	1907505.30	462365.70	22.49	1	11/10/2010	CD	Nails/Wire
23X75	23X75_6	1907509.24	462356.24	8.44	1	11/10/2010	Rock	Rock
23X75	23X75_7	1907509.63	462367.67	7.98	1	11/10/2010	CD	Nail
23X75	23X75_8	1907511.62	462386.61	28.64	1	11/10/2010	CD	Wire
23X75	23X75_9	1907513.57	462362.94	5.43	1	11/10/2010	CD	Wire/Nail
23X75	23X75_10	1907517.12	462378.31	34.37	1	11/10/2010	CD	Wire
23X75	23X75_11	1907517.12	462381.06	29.78	1	11/10/2010	CD	Wire
23X75	23X75_12	1907520.70	462361.15	7.81	1	11/10/2010	CD	Barbed Wire
23X75	23X75_13	1907522.24	462363.73	16.72	1	11/10/2010	CD	Barbed Wire
23X75	23X75_14	1907526.64	462363.81	6.83	1	11/10/2010	CD	Barbed Wire
23X75	23X75_15	1907530.12	462358.21	18.78	1	11/10/2010	CD	Barbed Wire
24X56	24X56_1	1905671.62	462465.77	4.94	1	11/30/2010	NF	
24X56	24X56_2	1905681.86	462483.11	6.78	1	11/30/2010	NF	
24X56	24X56_3	1905686.99	462483.11	5.36	1	11/30/2010	NF	
24X57	24X57_1	1905710.63	462462.23	6.14	1	11/30/2010	NF	
24X57	24X57_2	1905727.17	462460.65	124.90	1	11/30/2010	MEC	Flare
24X57	24X57_3	1905727.96	462455.14	18.72	1	11/30/2010	NF	
24X57	24X57_4	1905751.21	462452.38	6.28	1	11/30/2010	CD	Scrap
24X57	24X57_5	1905765.23	462453.31	6.12	1	11/30/2010	CD	Latch
24X57	24X57_6	1905772.88	462404.70	5.33	1	11/30/2010	CD	Staple
24X58	24X58_1	1905881.35	462431.08	19.68	1	12/2/2010	NF	
24X58	24X58_2	1905885.56	462400.76	8825.01	1	12/2/2010	CD	Large Slab/Steel
24X58	24X58_3	1905886.74	462430.71	33.43	1	12/2/2010	CD	Pipe
24X58	24X58_4	1905887.14	462419.68	48.77	1	12/2/2010		See #2, Unable to clear
24X58	24X58_5	1905887.69	462409.50	24.27	1	12/2/2010	CD	Nail
24X58	24X58_6	1905887.93	462405.10	555.40	1	12/2/2010		Same as #2
24X58	24X58_7	1905889.27	462455.44	20.74	1	12/2/2010	CD	Nail
24X58	24X58_8	1905889.50	462429.53	39.33	1	12/2/2010	CD/NF	Nails in wood beams, unable to locate large hit
24X58	24X58_9	1905891.20	462418.79	8.58	1	12/2/2010	CD	Nails in wood beams, unable to locate large hit
24X58	24X58_10	1905891.87	462446.86	11296.22	1	12/2/2010	CD	Slab/Steel
24X58	24X58_11	1905892.26	462438.98	60.17	1	12/2/2010	CD/NF	Nails in wood , Large hit on #10
24X58	24X58_12	1905894.02	462403.96	7.93	1	12/2/2010	CD	Nails
24X58	24X58_13	1905898.00	462441.25	17.11	1	12/2/2010		See #10, #11
24X59	24X59_1	1905902.11	462462.62	5.95	1	12/7/2010		Sift Grid - High Density
24X59	24X59_2	1905904.47	462451.98	22.02	1	12/7/2010		Sift Grid - High Density
24X59	24X59_3	1905909.99	462453.58	12.48	1	12/7/2010		Sift Grid - High Density
24X59	24X59_4	1905915.86	462455.65	10.93	1	12/7/2010		Sift Grid - High Density
24X59	24X59_5	1905919.02	462400.58	20.13	1	12/7/2010		Sift Grid - High Density
24X59	24X59_6	1905920.63	462407.86	11650.96	1	12/7/2010		Sift Grid - High Density
24X59	24X59_7	1905921.52	462458.48	14.10	1	12/7/2010		Sift Grid - High Density
24X59	24X59_8	1905921.96	462442.37	7.01	1	12/7/2010		Sift Grid - High Density
24X59	24X59_9	1905926.96	462403.74	7.24	1	12/7/2010		Sift Grid - High Density
24X59	24X59_10	1905927.33	462460.65	11.11	1	12/7/2010		Sift Grid - High Density
24X59	24X59_11	1905931.66	462406.28	8.13	1	12/7/2010		Sift Grid - High Density
24X59	24X59_12	1905932.84	462461.05	34.12	1	12/7/2010		Sift Grid - High Density
24X59	24X59_13	1905935.21	462405.49	14.28	1	12/7/2010		Sift Grid - High Density
24X59	24X59_14	1905938.36	462464.59	24.20	1	12/7/2010		Sift Grid - High Density
24X59	24X59_15	1905947.03	462461.44	6.15	1	12/7/2010		Sift Grid - High Density
24X59	24X59_16	1905952.87	462429.75	48.71	1	12/7/2010		Sift Grid - High Density
24X59	24X59_17	1905958.45	462470.11	18.84	1	12/7/2010		Sift Grid - High Density
24X59	24X59_18	1905962.01	462437.15	25.73	1	12/7/2010		Sift Grid - High Density
24X59	24X59_19	1905963.53	462408.96	8.97	1	12/7/2010		Sift Grid - High Density
24X59	24X59_20	1905963.97	462472.87	55.34	1	12/7/2010		Sift Grid - High Density
24X59	24X59_21	1905965.94	462411.40	7.14	1	12/7/2010		Sift Grid - High Density
24X59	24X59_22	1905967.34	462440.85	23.81	1	12/7/2010		Sift Grid - High Density
24X59	24X59_23	1905969.08	462413.64	12.47	1	12/7/2010		Sift Grid - High Density
24X59	24X59_24	1905971.45	462442.13	36.50	1	12/7/2010		Sift Grid - High Density
24X59	24X59_25	1905972.24	462412.19	10.12	1	12/7/2010		Sift Grid - High Density
24X59	24X59_26	1905972.24	462475.62	45.62	1	12/7/2010		Sift Grid - High Density
24X59	24X59_27	1905974.21	462401.95	164.22	1	12/7/2010		Sift Grid - High Density
24X59	24X59_28	1905976.58	462404.70	109.28	1	12/7/2010		Sift Grid - High Density
24X59	24X59_29	1905977.76	462476.81	47.40	1	12/7/2010		Sift Grid - High Density
24X59	24X59_30	1905977.90	462467.73	15.67	1	12/7/2010		Sift Grid - High Density
24X59	24X59_31	1905979.42	462441.28	7.17	1	12/7/2010		Sift Grid - High Density
24X59	24X59_32	1905980.12	462424.01	45.62	1	12/7/2010		Sift Grid - High Density
24X59	24X59_33	1905982.09	462442.92	5.95	1	12/7/2010		Sift Grid - High Density
24X59	24X59_34	1905983.23	462479.37	27.49	1	12/7/2010		Sift Grid - High Density
24X59	24X59_35	1905984.46	462465.38	2058.32	1	12/7/2010		Sift Grid - High Density

Subsurface Anomaly Investigation Results

Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
24X59	24X59_36	1905985.19	462406.35	8.17	1	12/7/2010		Sift Grid - High Density
24X59	24X59_37	1905987.80	462411.36	10.26	1	12/7/2010		Sift Grid - High Density
24X59	24X59_38	1905989.18	462482.32	47.60	1	12/7/2010		Sift Grid - High Density
24X59	24X59_39	1905990.30	462461.42	18.20	1	12/7/2010		Sift Grid - High Density
24X59	24X59_40	1905990.37	462469.32	51.37	1	12/7/2010		Sift Grid - High Density
24X59	24X59_41	1905990.52	462422.13	8.63	1	12/7/2010		Sift Grid - High Density
24X59	24X59_42	1905991.15	462415.34	14.68	1	12/7/2010		Sift Grid - High Density
24X59	24X59_43	1905992.91	462436.60	8.42	1	12/7/2010		Sift Grid - High Density
24X59	24X59_44	1905994.70	462483.90	50.78	1	12/7/2010		Sift Grid - High Density
24X59	24X59_45	1905995.85	462421.59	15.94	1	12/7/2010		Sift Grid - High Density
24X59	24X59_46	1905996.28	462472.08	14.48	1	12/7/2010		Sift Grid - High Density
24X59	24X59_47	1905997.85	462442.53	55.93	1	12/7/2010		Sift Grid - High Density
24X59	24X59_48	1905998.25	462463.80	8.93	1	12/7/2010		Sift Grid - High Density
24X59	24X59_49	1905998.79	462431.38	6.30	1	12/7/2010		Sift Grid - High Density
24X60	24X60_1	1906000.22	462473.26	6.75	1	12/6/2010		Sift Grid - High Density
24X60	24X60_2	1906000.64	462427.10	10.17	1	12/6/2010		Sift Grid - High Density
24X60	24X60_3	1906001.40	462485.47	39.65	1	12/6/2010		Sift Grid - High Density
24X60	24X60_4	1906001.79	462430.31	25.46	1	12/6/2010		Sift Grid - High Density
24X60	24X60_5	1906002.49	462489.32	14.87	1	12/6/2010		Sift Grid - High Density
24X60	24X60_6	1906002.97	462475.62	22.62	1	12/6/2010		Sift Grid - High Density
24X60	24X60_7	1906003.37	462406.67	13.92	1	12/6/2010		Sift Grid - High Density
24X60	24X60_8	1906004.70	462428.03	5.01	1	12/6/2010		Sift Grid - High Density
24X60	24X60_9	1906004.94	462432.68	11.44	1	12/6/2010		Sift Grid - High Density
24X60	24X60_10	1906004.94	462491.38	28.82	1	12/6/2010		Sift Grid - High Density
24X60	24X60_11	1906005.34	462411.80	13.56	1	12/6/2010		Sift Grid - High Density
24X60	24X60_12	1906005.34	462451.20	19.35	1	12/6/2010		Sift Grid - High Density
24X60	24X60_13	1906005.62	462420.46	7.08	1	12/6/2010		Sift Grid - High Density
24X60	24X60_14	1906005.99	462475.85	7.14	1	12/6/2010		Sift Grid - High Density
24X60	24X60_15	1906006.52	462468.53	40.13	1	12/6/2010		Sift Grid - High Density
24X60	24X60_16	1906008.10	462418.49	13.12	1	12/6/2010		Sift Grid - High Density
24X60	24X60_17	1906008.49	462436.22	11.50	1	12/6/2010		Sift Grid - High Density
24X60	24X60_18	1906009.28	462442.13	20.27	1	12/6/2010		Sift Grid - High Density
24X60	24X60_19	1906010.46	462476.02	10358.61	1	12/6/2010		Sift Grid - High Density
24X60	24X60_20	1906011.64	462421.65	11.72	1	12/6/2010		Sift Grid - High Density
24X60	24X60_21	1906011.64	462464.20	13.53	1	12/6/2010		Sift Grid - High Density
24X60	24X60_22	1906011.64	462490.20	51.33	1	12/6/2010		Sift Grid - High Density
24X60	24X60_23	1906011.90	462445.01	14.87	1	12/6/2010		Sift Grid - High Density
24X60	24X60_24	1906012.43	462466.17	8.71	1	12/6/2010		Sift Grid - High Density
24X60	24X60_25	1906012.46	462439.29	5.94	1	12/6/2010		Sift Grid - High Density
24X60	24X60_26	1906014.01	462466.17	11.85	1	12/6/2010		Sift Grid - High Density
24X60	24X60_27	1906014.40	462449.62	13.74	1	12/6/2010		Sift Grid - High Density
24X60	24X60_28	1906015.41	462483.23	12.52	1	12/6/2010		Sift Grid - High Density
24X60	24X60_29	1906015.41	462483.23	12.52	1	12/6/2010		Sift Grid - High Density
24X60	24X60_30	1906015.98	462451.59	14.14	1	12/6/2010		Sift Grid - High Density
24X60	24X60_31	1906017.44	462473.26	24.19	1	12/6/2010		Sift Grid - High Density
24X60	24X60_32	1906017.44	462473.26	24.19	1	12/6/2010		Sift Grid - High Density
24X60	24X60_33	1906017.55	462492.17	36.22	1	12/6/2010		Sift Grid - High Density
24X60	24X60_34	1906018.73	462433.47	5.41	1	12/6/2010		Sift Grid - High Density
24X60	24X60_35	1906018.73	462480.75	30.48	1	12/6/2010		Sift Grid - High Density
24X60	24X60_36	1906020.31	462454.35	12.62	1	12/6/2010		Sift Grid - High Density
24X60	24X60_37	1906020.39	462483.05	9.35	1	12/6/2010		Sift Grid - High Density
24X60	24X60_38	1906021.10	462458.68	7.96	1	12/6/2010		Sift Grid - High Density
24X60	24X60_39	1906022.28	462487.84	5.75	1	12/6/2010		Sift Grid - High Density
24X60	24X60_40	1906024.25	462483.11	11.49	1	12/6/2010		Sift Grid - High Density
24X60	24X60_41	1906024.64	462444.50	20.28	1	12/6/2010		Sift Grid - High Density
24X60	24X60_42	1906025.43	462413.37	24.55	1	12/6/2010		Sift Grid - High Density
24X60	24X60_43	1906025.43	462472.08	53.88	1	12/6/2010		Sift Grid - High Density
24X60	24X60_44	1906026.61	462490.20	17.29	1	12/6/2010		Sift Grid - High Density
24X60	24X60_45	1906026.61	462495.32	6.48	1	12/6/2010		Sift Grid - High Density
24X60	24X60_46	1906027.01	462421.25	7.92	1	12/6/2010		Sift Grid - High Density
24X60	24X60_47	1906027.01	462448.44	10.94	1	12/6/2010		Sift Grid - High Density
24X60	24X60_48	1906028.98	462413.37	15.76	1	12/6/2010		Sift Grid - High Density
24X60	24X60_49	1906028.98	462452.77	6.23	1	12/6/2010		Sift Grid - High Density
24X60	24X60_50	1906029.81	462469.94	11.88	1	12/6/2010		Sift Grid - High Density
24X60	24X60_51	1906030.95	462484.29	54.26	1	12/6/2010		Sift Grid - High Density
24X60	24X60_52	1906031.34	462454.74	5.00	1	12/6/2010		Sift Grid - High Density
24X60	24X60_53	1906033.31	462459.47	9.97	1	12/6/2010		Sift Grid - High Density
24X60	24X60_54	1906033.69	462467.72	5.39	1	12/6/2010		Sift Grid - High Density
24X60	24X60_55	1906033.71	462473.26	12.66	1	12/6/2010		Sift Grid - High Density
24X60	24X60_56	1906034.89	462488.63	55.35	1	12/6/2010		Sift Grid - High Density
24X60	24X60_57	1906035.28	462474.84	13.94	1	12/6/2010		Sift Grid - High Density
24X60	24X60_58	1906037.65	462463.80	9.94	1	12/6/2010		Sift Grid - High Density
24X60	24X60_59	1906037.65	462479.17	19.87	1	12/6/2010		Sift Grid - High Density
24X60	24X60_60	1906039.22	462492.17	56.54	1	12/6/2010		Sift Grid - High Density

Subsurface Anomaly Investigation Results

Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
24X60	24X60_61	1906039.62	462469.32	11.46	1	12/6/2010		Sift Grid - High Density
24X60	24X60_62	1906040.80	462499.26	45.67	1	12/6/2010		Sift Grid - High Density
24X60	24X60_63	1906042.77	462496.90	51.47	1	12/6/2010		Sift Grid - High Density
24X60	24X60_64	1906043.95	462461.05	11.07	1	12/6/2010		Sift Grid - High Density
24X60	24X60_65	1906043.95	462477.20	81.28	1	12/6/2010		Sift Grid - High Density
24X60	24X60_66	1906045.13	462487.84	49.57	1	12/6/2010		Sift Grid - High Density
24X60	24X60_67	1906048.09	462494.49	18.87	1	12/6/2010		Sift Grid - High Density
24X60	24X60_68	1906048.68	462411.01	29.25	1	12/6/2010		Sift Grid - High Density
24X60	24X60_69	1906049.07	462405.49	15.44	1	12/6/2010		Sift Grid - High Density
24X60	24X60_70	1906049.47	462499.26	421.23	1	12/6/2010		Sift Grid - High Density
24X60	24X60_71	1906051.04	462416.52	12.01	1	12/6/2010		Sift Grid - High Density
24X60	24X60_72	1906051.04	462429.13	27.27	1	12/6/2010		Sift Grid - High Density
24X60	24X60_73	1906051.04	462444.50	25.79	1	12/6/2010		Sift Grid - High Density
24X60	24X60_74	1906051.44	462433.86	13.72	1	12/6/2010		Sift Grid - High Density
24X60	24X60_75	1906051.44	462435.44	16.97	1	12/6/2010		Sift Grid - High Density
24X60	24X60_76	1906051.44	462440.56	20.36	1	12/6/2010		Sift Grid - High Density
24X60	24X60_77	1906051.44	462453.56	14.15	1	12/6/2010		Sift Grid - High Density
24X60	24X60_78	1906051.44	462459.47	24.54	1	12/6/2010		Sift Grid - High Density
24X60	24X60_79	1906051.83	462489.81	19.51	1	12/6/2010		Sift Grid - High Density
24X60	24X60_80	1906051.83	462497.29	454.90	1	12/6/2010		Sift Grid - High Density
24X60	24X60_81	1906053.80	462468.93	63.70	1	12/6/2010		Sift Grid - High Density
24X60	24X60_82	1906053.80	462475.62	14.01	1	12/6/2010		Sift Grid - High Density
24X60	24X60_83	1906053.80	462483.11	12.35	1	12/6/2010		Sift Grid - High Density
24X60	24X60_84	1906053.80	462495.32	361.68	1	12/6/2010		Sift Grid - High Density
24X60	24X60_85	1906055.66	462487.48	4.73	1	12/6/2010		Sift Grid - High Density
24X60	24X60_86	1906058.98	462493.94	41.95	1	12/6/2010		Sift Grid - High Density
24X60	24X60_87	1906058.98	462499.11	11.93	1	12/6/2010		Sift Grid - High Density
24X60	24X60_88	1906058.98	462499.11	11.93	1	12/6/2010		Sift Grid - High Density
24X60	24X60_89	1906062.47	462496.51	40.93	1	12/6/2010		Sift Grid - High Density
24X60	24X60_90	1906066.41	462497.69	82.86	1	12/6/2010		Sift Grid - High Density
24X60	24X60_91	1906069.56	462468.14	16.82	1	12/6/2010		Sift Grid - High Density
24X60	24X60_92	1906072.71	462467.74	21.05	1	12/6/2010		Sift Grid - High Density
24X60	24X60_93	1906079.80	462470.11	18.23	1	12/6/2010		Sift Grid - High Density
24X60	24X60_94	1906080.20	462460.26	8.23	1	12/6/2010		Sift Grid - High Density
24X60	24X60_95	1906081.38	462479.17	19.17	1	12/6/2010		Sift Grid - High Density
24X60	24X60_96	1906081.38	462483.50	7.53	1	12/6/2010		Sift Grid - High Density
24X60	24X60_97	1906083.35	462475.23	31.24	1	12/6/2010		Sift Grid - High Density
24X60	24X60_98	1906083.74	462494.54	9.41	1	12/6/2010		Sift Grid - High Density
24X60	24X60_99	1906085.71	462467.35	42.68	1	12/6/2010		Sift Grid - High Density
24X60	24X60_100	1906085.71	462483.50	15.21	1	12/6/2010		Sift Grid - High Density
24X60	24X60_101	1906090.84	462455.53	8.89	1	12/6/2010		Sift Grid - High Density
24X61	24X61_1	1906104.23	462470.11	7.67	1	11/22/2010		Sift Grid - High Density
24X61	24X61_2	1906105.11	462472.75	4.99	1	11/22/2010		Sift Grid - High Density
24X61	24X61_3	1906108.17	462472.87	6.18	1	11/22/2010		Sift Grid - High Density
24X61	24X61_4	1906114.48	462473.65	6.21	1	11/22/2010		Sift Grid - High Density
24X61	24X61_5	1906116.45	462444.89	5.27	1	11/22/2010		Sift Grid - High Density
24X61	24X61_6	1906118.81	462440.56	10.71	1	11/22/2010		Sift Grid - High Density
24X61	24X61_7	1906121.60	462449.36	4.89	1	11/22/2010		Sift Grid - High Density
24X61	24X61_8	1906125.90	462437.41	15.71	1	11/22/2010		Sift Grid - High Density
24X61	24X61_9	1906128.49	462436.32	6.81	1	11/22/2010		Sift Grid - High Density
24X61	24X61_10	1906128.66	462419.68	8.08	1	11/22/2010		Sift Grid - High Density
24X61	24X61_11	1906131.02	462453.95	9.22	1	11/22/2010		Sift Grid - High Density
24X61	24X61_12	1906132.99	462450.41	6.97	1	11/22/2010		Sift Grid - High Density
24X61	24X61_13	1906134.18	462435.83	12.97	1	11/22/2010		Sift Grid - High Density
24X61	24X61_14	1906136.15	462432.28	7.90	1	11/22/2010		Sift Grid - High Density
24X61	24X61_15	1906143.24	462438.98	9.30	1	11/22/2010		Sift Grid - High Density
24X61	24X61_16	1906151.12	462428.34	6.35	1	11/22/2010		Sift Grid - High Density
24X61	24X61_17	1906153.48	462412.98	10.68	1	11/22/2010		Sift Grid - High Density
24X61	24X61_18	1906156.24	462417.31	42.05	1	11/22/2010		Sift Grid - High Density
24X61	24X61_19	1906158.60	462405.10	15.00	1	11/22/2010		Sift Grid - High Density
24X61	24X61_20	1906160.57	462405.10	20.77	1	11/22/2010		Sift Grid - High Density
24X61	24X61_21	1906160.57	462414.55	13.64	1	11/22/2010		Sift Grid - High Density
24X61	24X61_22	1906163.33	462429.13	11.27	1	11/22/2010		Sift Grid - High Density
24X61	24X61_23	1906163.73	462419.28	5.30	1	11/22/2010		Sift Grid - High Density
24X61	24X61_24	1906166.09	462419.68	7.69	1	11/22/2010		Sift Grid - High Density
24X61	24X61_25	1906166.15	462413.06	71.20	1	11/22/2010		Sift Grid - High Density
24X61	24X61_26	1906166.48	462424.40	7.99	1	11/22/2010		Sift Grid - High Density
24X61	24X61_27	1906168.45	462412.19	124.23	1	11/22/2010		Sift Grid - High Density
24X61	24X61_28	1906175.38	462408.01	4.55	1	11/22/2010		Sift Grid - High Density
24X61	24X61_29	1906181.06	462414.95	6.09	1	11/22/2010		Sift Grid - High Density
24X61	24X61_30	1906183.99	462405.31	24.80	1	11/22/2010		Sift Grid - High Density
24X61	24X61_31	1906187.76	462403.92	55.57	1	11/22/2010		Sift Grid - High Density
24X61	24X61_32	1906188.15	462425.59	6.67	1	11/22/2010		Sift Grid - High Density
24X61	24X61_33	1906192.88	462402.73	12.34	1	11/22/2010		Sift Grid - High Density

Subsurface Anomaly Investigation Results

Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
24X61	24X61_34	1906193.28	462416.13	6.04	1	11/22/2010		Sift Grid - High Density
24X62	24X62_1	1906203.13	462474.05	23.96	1	11/21/2010	CD	Scrap
24X62	24X62_2	1906258.29	462414.95	9.03	1	11/21/2010	CD	Nail
24X62	24X62_3	1906271.68	462485.87	18.76	1	11/21/2010	CD	Nail
24X62	24X62_4	1906293.35	462471.29	8.19	1	11/21/2010	CD	Wire
24X63	24X63_1	1906329.99	462446.07	5.09	1	11/18/2010	CD, MD	Foil, Bullet, Nails
24X63	24X63_2	1906330.64	462449.23	5.05	1	11/18/2010	CD	Nails
24X63	24X63_3	1906333.54	462435.04	5.74	1	11/18/2010	MD, CD	Brass Nail
24X63	24X63_4	1906339.84	462438.59	10.69	1	11/18/2010	CD	Nail
24X63	24X63_5	1906342.21	462436.62	8.90	1	11/18/2010	NF	
24X63	24X63_6	1906344.97	462431.10	20.16	1	11/18/2010	CD	Nail
24X63	24X63_7	1906356.00	462429.53	11.67	1	11/18/2010	CD	Nails
24X63	24X63_8	1906359.94	462420.86	6.95	1	11/18/2010	CD	Nail
24X63	24X63_9	1906366.24	462418.10	46.46	1	11/18/2010	CD	Nail
24X63	24X63_10	1906370.97	462413.77	11.81	1	11/18/2010	CD	Nail
24X63	24X63_11	1906387.52	462413.37	6.43	1	11/18/2010	CD	Nail
24X64								No Targets
24X65	24X65_1	1906511.63	462411.01	5.12	1	11/24/2010	CD	Scrap
24X65	24X65_2	1906512.02	462408.64	5.14	1	11/24/2010	CD	Scrap
24X65	24X65_3	1906572.30	462496.90	5.29	1	11/24/2010	CD	Wire
24X65	24X65_4	1906591.61	462401.95	7.24	1	11/24/2010	CD	Can
24X66	24X66_1	1906600.28	462447.65	5.03	1	11/21/2010	CD	Nail
24X66	24X66_2	1906602.25	462444.50	11.49	1	11/21/2010	CD	Lid/Nail
24X66	24X66_3	1906610.92	462459.86	7.30	1	11/21/2010	CD	pipe
24X66	24X66_4	1906613.28	462461.83	5.10	1	11/21/2010	CD	Nail
24X66	24X66_5	1906614.46	462450.80	7.84	1	11/21/2010	CD	Nail/Rod
24X66	24X66_6	1906618.80	462441.74	6.99	1	11/21/2010	CD	Bolt
24X66	24X66_7	1906619.58	462401.95	157.09	1	11/21/2010	CD	Chain
24X66	24X66_8	1906620.77	462441.35	6.00	1	11/21/2010	CD	Bolt
24X66	24X66_9	1906623.92	462442.53	5.59	1	11/21/2010	CD	Bolt/Nail
24X66	24X66_10	1906623.92	462452.77	8.93	1	11/21/2010	CD	Nail
24X66	24X66_11	1906627.86	462450.41	21.00	1	11/21/2010	CD	Wire
24X66	24X66_12	1906639.28	462450.41	41.36	1	11/21/2010	CD	Bolt
24X66	24X66_13	1906640.47	462442.13	15.08	1	11/21/2010	CD	Wire
24X66	24X66_14	1906640.47	462444.10	13.87	1	11/21/2010	CD	Wire
24X66	24X66_15	1906641.25	462448.83	44.36	1	11/21/2010	CD	Bolt
24X66	24X66_16	1906645.59	462409.43	54.70	1	11/21/2010	CD	Horse Shoe
24X66	24X66_17	1906645.98	462407.46	60.38	1	11/21/2010	CD	Horse Shoe
24X66	24X66_18	1906656.62	462495.32	36.79	1	11/21/2010	CD	Rod
24X66	24X66_19	1906657.01	462409.83	28.24	1	11/21/2010	CD	Nails/Trash
24X66	24X66_20	1906657.41	462407.46	38.27	1	11/21/2010	CD	Nails/Trash
24X66	24X66_21	1906692.87	462458.68	14.72	1	11/21/2010	CD	Scrap
24X67	24X67_1	1906702.32	462424.01	25.21	1	11/26/2010	CD	Can
24X67	24X67_2	1906703.90	462417.71	14.97	1	11/26/2010	MD	Smoke Grenade
24X67	24X67_3	1906731.87	462427.95	7.43	1	11/26/2010	MD	Smoke Grenade
24X67	24X67_4	1906752.99	462499.74	7.83	1	11/26/2010	MD	Flare Cap
24X67	24X67_5	1906788.22	462411.01	7.22	1	11/26/2010	CD	Nail
24X68	24X68_1	1906817.77	462403.13	298.09	1	11/17/2010	CD	Lead Scrap
24X68	24X68_2	1906863.08	462435.44	37.54	1	11/17/2010	CD	Wire
24X68	24X68_3	1906870.37	462419.68	31.80	1	11/17/2010	CD	Metal
24X69								No Targets
24X70	24X70_1	1907005.70	462410.61	5.93	1	11/17/2010	MD	Flare Cap
24X71	24X71_1	1907100.13	462448.32	7.68	1	11/16/2010	CD	Square Washer
24X71	24X71_2	1907196.40	462448.83	5.70	1	11/16/2010	CD	Wire
24X72								No Targets
24X73	24X73_1	1907302.39	462498.48	16.05	1	11/14/2010		Barbed Wire
24X73	24X73_2	1907302.55	462496.05	5.68	1	11/14/2010		Barbed Wire
24X73	24X73_3	1907322.09	462480.35	13.73	1	11/14/2010	CD	Barbed Wire
24X73	24X73_4	1907325.24	462481.53	17.68	1	11/14/2010	CD	Barbed Wire
24X73	24X73_5	1907359.17	462485.50	5.06	1	11/14/2010	CD	Nails
24X73	24X73_6	1907393.01	462401.16	10.94	1	11/14/2010	Rock	
24X74	24X74_1	1907406.01	462449.62	5.03	1	11/15/2010	CD	Staple
24X74	24X74_2	1907410.34	462408.64	8.45	1	11/15/2010	Rock	
24X75								No Targets
25X55	25X55_1	1905593.87	462585.11	9.99	1	11/26/2010		Unknown Buried 2+ Ft Deep
25X55	25X55_2	1905598.69	462578.28	17.08	1	11/26/2010		Actual hit outside grid. Large hit is 15+ Ft long
25X56	25X56_1	1905607.42	462553.82	11.56	1	11/26/2010		Concrete Slab? Outside Grid - DEEP
25X56	25X56_2	1905613.40	462541.13	24.26	1	11/26/2010		Concrete Slab? Outside Grid - DEEP
25X56	25X56_3	1905634.58	462527.24	242.81	1	11/26/2010	CD	Rod
25X56	25X56_4	1905635.30	462557.06	850.72	1	11/26/2010	CD	Rod
25X56	25X56_5	1905636.16	462548.91	5.26	1	11/26/2010	CD	Wire
25X56	25X56_6	1905639.31	462554.42	2917.31	1	11/26/2010	CD	Rod
25X56	25X56_7	1905641.68	462591.85	14.07	1	11/26/2010	CD	Nail
25X56	25X56_8	1905642.07	462552.85	2063.68	1	11/26/2010	CD	Rod

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
25X56	25X56_9	1905642.07	462572.94	6.25	1	11/26/2010	CD	Scrap
25X56	25X56_10	1905642.07	462583.58	28.49	1	11/26/2010	CD	Bolt
25X56	25X56_11	1905644.04	462583.97	36.00	1	11/26/2010	CD	Bolt
25X56	25X56_12	1905644.04	462589.49	22.77	1	11/26/2010	CD	Nail
25X56	25X56_13	1905644.43	462568.21	27.97	1	11/26/2010	MD	Flare
25X56	25X56_14	1905644.83	462546.15	13.93	1	11/26/2010	MD	Flare
25X56	25X56_15	1905647.98	462555.61	7.89	1	11/26/2010	MD	Spoon
25X56	25X56_16	1905651.92	462566.24	560.53	1	11/26/2010	CD	Scrap
25X56	25X56_17	1905655.47	462554.03	261.19	1	11/26/2010	CD	Rod
25X56	25X56_18	1905657.04	462554.82	238.17	1	11/26/2010	CD	Rod
25X56	25X56_19	1905657.44	462513.05	14.96	1	11/26/2010	MD	Smoke Grenade
25X56	25X56_20	1905660.19	462557.97	73.09	1	11/26/2010	CD	Wire
25X56	25X56_21	1905660.59	462508.72	20.58	1	11/26/2010	MD	Smoke Grenade
25X56	25X56_22	1905660.59	462532.36	15.43	1	11/26/2010	MD	Smoke Grenade
25X56	25X56_23	1905662.95	462542.60	415.35	1	11/26/2010	CD	Scrap
25X56	25X56_24	1905664.13	462517.78	5.52	1	11/26/2010	NF	
25X56	25X56_25	1905667.29	462550.48	292.76	1	11/26/2010	MD	Spoon/Can
25X56	25X56_26	1905667.29	462596.58	4730.59	1	11/26/2010	CD	Steel/Concrete
25X56	25X56_27	1905668.07	462555.21	584.12	1	11/26/2010	CD	Scrap
25X56	25X56_28	1905668.07	462568.21	29.49	1	11/26/2010	MD	Flare
25X56	25X56_29	1905672.90	462554.07	438.07	1	11/26/2010	CD	Scrap
25X56	25X56_30	1905675.56	462594.61	29.22	1	11/26/2010	CD	Concrete
25X56	25X56_31	1905677.14	462574.52	13.32	1	11/26/2010	MD	Flare EXtended
25X56	25X56_32	1905678.32	462554.42	7.54	1	11/26/2010	CD	Nail
25X56	25X56_33	1905679.50	462504.39	11.02	1	11/26/2010	MD	Flare
25X56	25X56_34	1905683.05	462573.34	6.15	1	11/26/2010	MD	Spoon
25X56	25X56_35	1905684.62	462537.09	6.77	1	11/26/2010	CD/MD	Brass/Nail
25X56	25X56_36	1905685.02	462531.18	5.30	1	11/26/2010	CD/MD	Brass/Nail
25X56	25X56_37	1905687.77	462566.24	5.06	1	11/26/2010	NF	
25X56	25X56_38	1905688.17	462530.78	5.21	1	11/26/2010	MD	Brass
25X56	25X56_39	1905691.32	462578.06	34.80	1	11/26/2010		Concrete Slab
25X56	25X56_40	1905694.87	462536.69	21.19	1	11/26/2010	MD	Brass Pit
25X56	25X56_41	1905694.87	462553.64	18.20	1	11/26/2010	MD	Flare
25X56	25X56_42	1905698.02	462548.51	50.63	1	11/26/2010	MD	Flare
25X56	25X56_43	1905699.99	462534.72	9.75	1	11/26/2010	MD	Brass Pit
25X57	25X57_1	1905701.56	462538.98	13.11	1	11/30/2010	MD	Brass
25X57	25X57_2	1905702.19	462533.65	9.62	1	11/30/2010	MD	Brass Pit
25X57	25X57_3	1905712.20	462515.42	19.43	1	11/30/2010	CD	Nail
25X57	25X57_4	1905715.75	462558.36	2192.78	1	11/30/2010	CD	Metal Plate
25X57	25X57_5	1905723.95	462512.67	26.34	1	11/30/2010	MD	Brass Pit
25X57	25X57_6	1905727.96	462532.36	5.76	1	11/30/2010	CD	Screw
25X57	25X57_7	1905731.00	462517.84	6.79	1	11/30/2010	MD	Brass Pit
25X57	25X57_8	1905739.39	462539.85	9421.68	1	11/30/2010	CD	Steel Plate
25X57	25X57_9	1905739.92	462533.65	13.47	1	11/30/2010	CD	Nail
25X57	25X57_10	1905742.54	462588.70	10.20	1	11/30/2010	CD	Screws
25X57	25X57_11	1905745.69	462574.12	162.39	1	11/30/2010	CD	Rod
25X57	25X57_12	1905749.31	462508.45	8.27	1	11/30/2010	MD	Brass Pit
25X57	25X57_13	1905751.82	462557.29	8.88	1	11/30/2010	CD	Nail
25X57	25X57_14	1905776.40	462583.28	5.78	1	11/30/2010	CD	Nail
25X57	25X57_15	1905781.94	462542.60	17.40	1	11/30/2010	MD	Brass Pit
25X57	25X57_16	1905781.94	462597.76	178.46	1	11/30/2010		Concrete
25X57	25X57_17	1905784.54	462599.72	131.87	1	11/30/2010		Concrete
25X57	25X57_18	1905785.64	462539.29	8.72	1	11/30/2010	MD	Brass Pit
25X57	25X57_19	1905786.11	462594.24	126.98	1	11/30/2010		Concrete
25X57	25X57_20	1905786.42	462561.99	25.24	1	11/30/2010	CD	Wrench
25X57	25X57_21	1905787.06	462597.76	225.18	1	11/30/2010		Concrete
25X57	25X57_22	1905789.86	462595.81	206.88	1	11/30/2010		Concrete
25X57	25X57_23	1905792.97	462556.39	13.52	1	11/30/2010	MD	Smoke Grenade
25X57	25X57_24	1905792.97	462579.25	8.53	1	11/30/2010	CD	Nail
25X57	25X57_25	1905794.94	462544.97	147.98	1	11/30/2010	NF	
25X57	25X57_26	1905795.34	462577.28	16.11	1	11/30/2010	CD	Nail
25X57	25X57_27	1905795.34	462595.97	6.28	1	11/30/2010	MD	Spoon
25X57	25X57_28	1905798.49	462586.34	12.41	1	11/30/2010	CD/MD	Nail/Brass
25X58	25X58_1	1905802.43	462552.45	8.42	1	12/2/2010	MD	Smoke Grenade
25X58	25X58_2	1905805.97	462561.12	9.50	1	12/2/2010	MD	Smoke Grenade
25X58	25X58_3	1905813.46	462545.36	19.27	1	12/2/2010	CD	Bolt
25X58	25X58_4	1905813.85	462571.37	5.98	1	12/2/2010	MD	Smoke Grenade
25X58	25X58_5	1905833.16	462560.73	6.54	1	12/2/2010	CD	Nails
25X59	25X59_1	1905945.45	462596.19	9.86	1	12/7/2010	CD	Bracket
25X59	25X59_2	1905974.61	462578.85	8.44	1	12/7/2010	CD	Clasp
25X59	25X59_3	1905984.85	462506.75	6.58	1	12/7/2010	NF	
25X59	25X59_4	1905985.24	462565.06	9.81	1	12/7/2010	CD	Bracket/Nail
25X59	25X59_5	1905993.12	462555.21	7.56	1	12/7/2010	CD	Bracket
25X59	25X59_6	1905993.52	462561.91	9.93	1	12/7/2010	CD	Bracket

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
25X59	25X59_7	1905998.64	462546.54	8.15	1	12/7/2010	NF	
25X60	25X60_1	1906021.89	462598.55	8.34	1	12/6/2010	CD	Nail
25X60	25X60_2	1906023.46	462577.67	17.68	1	12/6/2010	CD	Wire
25X60	25X60_3	1906024.64	462566.24	7.15	1	12/6/2010	NF	
25X60	25X60_4	1906028.19	462559.55	8.73	1	12/6/2010	NF	
25X60	25X60_5	1906028.98	462591.07	9.39	1	12/6/2010	CD	Nail
25X60	25X60_6	1906032.13	462558.76	6.53	1	12/6/2010	CD	Nail
25X60	25X60_7	1906035.28	462591.46	12.24	1	12/6/2010	CD	Nail
25X60	25X60_8	1906039.62	462507.14	53.88	1	12/6/2010	CD	Scrap Wire
25X60	25X60_9	1906040.01	462521.33	7.42	1	12/6/2010	NF	Deeper than 12"
25X60	25X60_10	1906042.77	462582.40	10.35	1	12/6/2010	CD	Nail
25X60	25X60_11	1906043.16	462509.11	102.49	1	12/6/2010	CD	Unknown Scrap Item
25X60	25X60_12	1906044.34	462525.66	7.83	1	12/6/2010	NF	
25X60	25X60_13	1906044.74	462518.96	18.79	1	12/6/2010	CD	Nails
25X60	25X60_14	1906045.13	462537.88	49.08	1	12/6/2010	CD	Nails
25X60	25X60_15	1906045.53	462596.58	9.14	1	12/6/2010	CD	Nail
25X60	25X60_16	1906047.10	462585.16	8.23	1	12/6/2010	CD	Nail
25X60	25X60_17	1906047.50	462500.84	392.90	1	12/6/2010		Concrete Slab
25X60	25X60_18	1906047.50	462598.95	9.53	1	12/6/2010	CD	Nail
25X60	25X60_19	1906049.07	462582.79	17.57	1	12/6/2010	CD	Nail
25X60	25X60_20	1906050.65	462587.52	11.12	1	12/6/2010	CD	Nail
25X60	25X60_21	1906052.22	462503.20	29.47	1	12/6/2010	CD	Scrap Wire
25X60	25X60_22	1906052.62	462518.18	4.95	1	12/6/2010	CD	Washer
25X60	25X60_23	1906053.01	462509.51	11.67	1	12/6/2010	CD	Nails
25X60	25X60_24	1906054.19	462530.00	16.15	1	12/6/2010	CD	Nail
25X60	25X60_25	1906054.98	462581.22	5.90	1	12/6/2010	NF	
25X60	25X60_26	1906057.35	462510.30	6.36	1	12/6/2010	CD	Wire
25X60	25X60_27	1906057.35	462513.45	8.64	1	12/6/2010	CD	Scrap Wire
25X60	25X60_28	1906057.74	462536.30	9.87	1	12/6/2010	CD	Nail/Wire
25X60	25X60_29	1906058.13	462503.60	43.13	1	12/6/2010	CD	Bolt/Nail
25X60	25X60_30	1906061.68	462503.20	22.29	1	12/6/2010	CD	Wire
25X60	25X60_31	1906063.65	462582.40	6.12	1	12/6/2010	CD	Nail
25X60	25X60_32	1906064.04	462508.33	7.94	1	12/6/2010	CD	Nails
25X60	25X60_33	1906065.62	462511.48	7.79	1	12/6/2010	CD	Nail
25X60	25X60_34	1906066.80	462506.36	13.76	1	12/6/2010	CD	ScrapNail
25X60	25X60_35	1906071.92	462501.63	10.68	1	12/6/2010	CD	Nail
25X60	25X60_36	1906081.38	462585.55	7.19	1	12/6/2010	CD	Nail
25X60	25X60_37	1906081.38	462592.25	5.37	1	12/6/2010	CD	Nail
25X60	25X60_38	1906084.14	462566.24	8.30	1	12/6/2010	CD	Nail
25X60	25X60_39	1906085.71	462568.21	5.39	1	12/6/2010	CD	Nail
25X60	25X60_40	1906085.71	462576.88	7.20	1	12/6/2010	CD	Nail
25X60	25X60_41	1906088.08	462558.76	11.15	1	12/6/2010	CD	Nail
25X60	25X60_42	1906090.05	462575.31	7.28	1	12/6/2010	CD	Nail
25X60	25X60_43	1906094.38	462548.91	7.77	1	12/6/2010	CD	Nail
25X60	25X60_44	1906096.75	462541.42	9.47	1	12/6/2010	CD	Nail
25X61	25X61_1	1906188.90	462501.20	10.70	1	11/22/2010	NF	
25X61	25X61_2	1906196.40	462502.00	4.90	1	11/22/2010	NF	
25X61	25X61_3	1906114.90	462504.40	5.10	1	11/22/2010	Road	
25X61	25X61_4	1906115.30	462505.20	5.30	1	11/22/2010	Road	
25X61	25X61_5	1906198.00	462505.20	5.10	1	11/22/2010	NF	
25X61	25X61_6	1906108.60	462529.60	6.00	1	11/22/2010	CD	Nail/Brass
25X61	25X61_7	1906166.10	462546.90	5.50	1	11/22/2010	CD	Wire
25X61	25X61_8	1906168.50	462547.30	6.10	1	11/22/2010	CD	Wire
25X61	25X61_9	1906173.20	462569.80	8.60	1	11/22/2010	CD	Wire
25X61	25X61_10	1906170.80	462570.60	10.00	1	11/22/2010	CD	Wire
25X62								No Targets
25X63								No Targets
25X64								No Targets
25X65	25X65_1	1906510.45	462531.18	6.29	1	11/24/2010	MD	Flare Cap
25X65	25X65_2	1906561.27	462509.90	18.30	1	11/24/2010	SEED	Seed
25X66	25x66_1	1906608.16	462595.79	56.76	1	11/21/2010		Sift Grid - High Density
25X66	25x66_2	1906616.43	462547.73	9.37	1	11/21/2010		Sift Grid - High Density
25X66	25x66_3	1906623.52	462533.94	9.02	1	11/21/2010		Sift Grid - High Density
25X66	25x66_4	1906625.10	462533.94	6.83	1	11/21/2010		Sift Grid - High Density
25X66	25x66_5	1906626.28	462504.78	6.23	1	11/21/2010		Sift Grid - High Density
25X66	25x66_6	1906629.83	462533.54	39.82	1	11/21/2010		Sift Grid - High Density
25X66	25x66_7	1906630.62	462531.97	36.75	1	11/21/2010		Sift Grid - High Density
25X66	25x66_8	1906631.80	462510.69	5.32	1	11/21/2010		Sift Grid - High Density
25X66	25x66_9	1906633.37	462568.21	7.75	1	11/21/2010		Sift Grid - High Density
25X66	25x66_10	1906649.92	462556.79	112.28	1	11/21/2010		Sift Grid - High Density
25X66	25x66_11	1906651.50	462510.30	30.04	1	11/21/2010		Sift Grid - High Density
25X66	25x66_12	1906655.04	462531.97	8.11	1	11/21/2010		Sift Grid - High Density
25X67								No Targets
25X68								No Targets

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
25X69	25X69_1	1906913.11	462584.76	5.70	1	11/17/2010	MD	Flare Cap
25X69	25X69_2	1906958.42	462518.18	5.08	1	11/17/2010	MD	Flare Cap
25X69	25X69_3	1906995.46	462514.24	5.32	1	11/17/2010	MD	Flare Cap
25X69								No Targets
25X70								No Targets
25X71								No Targets
25X72	25X72_1	1907252.77	462514.07	32.81	1	11/26/2010	CD	Post w/Nails
25X72	25X72_2	1907294.51	462521.33	8.71	1	11/26/2010	CD	Scrap
25X72	25X72_3	1907296.51	462510.06	16.50	1	11/26/2010	CD	Wire
25X73								No Targets
26X53								No Targets
26X55								No Targets
26X56	26X56_1	1905608.58	462673.02	18.36	1	11/26/2010	CD	Nail
26X56	26X56_2	1905610.16	462680.11	5.06	1	11/26/2010	CD	Scrap
26X56	26X56_3	1905614.88	462673.81	5.45	1	11/26/2010	CD	Nail
26X56	26X56_4	1905615.28	462678.14	5.00	1	11/26/2010	CD	Wire
26X56	26X56_5	1905617.64	462658.44	42.07	1	11/26/2010	CD	Nails
26X56	26X56_6	1905621.98	462633.22	2472.41	1	11/26/2010	CD	Plate/Slab
26X56	26X56_7	1905642.86	462603.28	6.27	1	11/26/2010	NF	
26X56	26X56_8	1905644.04	462614.71	2611.53	1	11/26/2010	CD	Plate/Slab
26X56	26X56_9	1905650.34	462696.26	9.63	1	11/26/2010	CD	Nail Pit
26X56	26X56_10	1905655.86	462695.48	14.94	1	11/26/2010	CD	Nail Pit
26X56	26X56_11	1905658.22	462696.26	16.08	1	11/26/2010	CD	Nail
26X56	26X56_12	1905662.16	462661.99	12.91	1	11/26/2010	CD	Nail
26X56	26X56_13	1905664.53	462691.14	131.72	1	11/26/2010		Concrete
26X56	26X56_14	1905666.50	462693.11	196.16	1	11/26/2010		Concrete
26X56	26X56_15	1905666.89	462688.78	147.09	1	11/26/2010		Concrete
26X56	26X56_16	1905669.26	462691.54	214.67	1	11/26/2010		Concrete
26X56	26X56_17	1905669.65	462687.20	175.85	1	11/26/2010		Concrete
26X56	26X56_18	1905671.62	462689.57	174.34	1	11/26/2010		Concrete
26X56	26X56_19	1905687.77	462672.62	141.37	1	11/26/2010		Concrete
26X56	26X56_20	1905690.14	462674.20	176.72	1	11/26/2010		Concrete
26X56	26X56_21	1905690.93	462670.65	174.67	1	11/26/2010		Concrete
26X56	26X56_22	1905692.50	462672.62	185.23	1	11/26/2010		Concrete
26X56	26X56_23	1905693.29	462668.68	169.39	1	11/26/2010		Concrete
26X56	26X56_24	1905695.65	462670.26	117.17	1	11/26/2010		Concrete
26X57	26X57_1	1905711.95	462654.59	127.50	1	11/30/2010		Concrete
26X57	26X57_2	1905715.05	462653.30	147.73	1	11/30/2010		Concrete
26X57	26X57_3	1905716.54	462650.17	153.91	1	11/30/2010		Concrete
26X57	26X57_4	1905718.90	462652.53	170.38	1	11/30/2010		Concrete
26X57	26X57_5	1905735.05	462635.19	143.05	1	11/30/2010		Concrete
26X57	26X57_6	1905738.41	462629.60	37.71	1	11/30/2010		Concrete
26X57	26X57_7	1905739.39	462635.59	203.83	1	11/30/2010		Concrete
26X57	26X57_8	1905743.58	462633.57	65.07	1	11/30/2010		Concrete
26X57	26X57_9	1905759.09	462616.68	152.09	1	11/30/2010		Concrete
26X57	26X57_10	1905761.45	462618.65	91.96	1	11/30/2010		Concrete
26X57	26X57_11	1905762.27	462615.82	119.99	1	11/30/2010		Concrete
26X57	26X57_12	1905763.03	462612.34	121.39	1	11/30/2010		Concrete
26X57	26X57_13	1905765.39	462615.49	139.47	1	11/30/2010		Concrete
26X57	26X57_14	1905768.82	462615.64	7.91	1	11/30/2010		Concrete
26X57	26X57_15	1905781.94	462694.29	186.05	1	11/30/2010		Concrete
26X57	26X57_16	1905783.91	462691.54	162.19	1	11/30/2010		Concrete
26X57	26X57_17	1905786.67	462694.29	136.46	1	11/30/2010		Concrete
26X57	26X57_18	1905789.50	462618.92	7.51	1	11/30/2010	CD	Wire
26X57	26X57_19	1905789.76	462691.64	74.09	1	11/30/2010		Concrete
26X58	26X58_1	1905805.97	462675.38	130.02	1	12/2/2010		Sift Grid - High Density
26X58	26X58_2	1905809.62	462673.73	136.44	1	12/2/2010		Sift Grid - High Density
26X58	26X58_3	1905816.61	462617.07	12.54	1	12/2/2010		Sift Grid - High Density
26X58	26X58_4	1905817.79	462604.07	5.42	1	12/2/2010		Sift Grid - High Density
26X58	26X58_5	1905819.76	462621.01	5.40	1	12/2/2010		Sift Grid - High Density
26X58	26X58_6	1905820.95	462643.47	195.61	1	12/2/2010		Sift Grid - High Density
26X58	26X58_7	1905824.89	462608.80	6.02	1	12/2/2010		Sift Grid - High Density
26X58	26X58_8	1905831.01	462656.88	131.99	1	12/2/2010		Sift Grid - High Density
26X58	26X58_9	1905831.52	462627.01	14.59	1	12/2/2010		Sift Grid - High Density
26X58	26X58_10	1905831.58	462613.92	10.76	1	12/2/2010		Sift Grid - High Density
26X58	26X58_11	1905833.16	462652.53	133.48	1	12/2/2010		Sift Grid - High Density
26X58	26X58_12	1905833.63	462624.29	13.24	1	12/2/2010		Sift Grid - High Density
26X58	26X58_13	1905835.92	462654.11	112.56	1	12/2/2010		Sift Grid - High Density
26X58	26X58_14	1905836.71	462601.70	6.04	1	12/2/2010		Sift Grid - High Density
26X58	26X58_15	1905836.76	462605.12	6.81	1	12/2/2010		Sift Grid - High Density
26X58	26X58_16	1905838.48	462613.19	14.33	1	12/2/2010		Sift Grid - High Density
26X58	26X58_17	1905839.07	462609.19	25.21	1	12/2/2010		Sift Grid - High Density
26X58	26X58_18	1905845.77	462612.74	14.51	1	12/2/2010		Sift Grid - High Density
26X58	26X58_19	1905848.92	462612.74	20.72	1	12/2/2010		Sift Grid - High Density

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
26X58	26X58_20	1905851.09	462600.27	7.11	1	12/2/2010		Sift Grid - High Density
26X58	26X58_21	1905852.86	462670.26	6.91	1	12/2/2010		Sift Grid - High Density
26X58	26X58_22	1905855.62	462627.71	5.57	1	12/2/2010		Sift Grid - High Density
26X58	26X58_23	1905858.38	462667.11	11.13	1	12/2/2010		Sift Grid - High Density
26X58	26X58_24	1905861.53	462632.83	7.99	1	12/2/2010		Sift Grid - High Density
26X58	26X58_25	1905864.68	462659.62	5.63	1	12/2/2010		Sift Grid - High Density
26X58	26X58_26	1905867.44	462629.28	17.40	1	12/2/2010		Sift Grid - High Density
26X58	26X58_27	1905870.26	462627.21	7.97	1	12/2/2010		Sift Grid - High Density
26X58	26X58_28	1905871.77	462690.35	6.94	1	12/2/2010		Sift Grid - High Density
26X58	26X58_29	1905874.30	462653.65	6.86	1	12/2/2010		Sift Grid - High Density
26X58	26X58_30	1905875.32	462643.07	8.06	1	12/2/2010		Sift Grid - High Density
26X58	26X58_31	1905875.32	462647.80	8.74	1	12/2/2010		Sift Grid - High Density
26X58	26X58_32	1905884.08	462631.55	5.26	1	12/2/2010		Sift Grid - High Density
26X58	26X58_33	1905884.38	462628.50	8.01	1	12/2/2010		Sift Grid - High Density
26X58	26X58_34	1905892.65	462628.10	6.67	1	12/2/2010		Sift Grid - High Density
26X58	26X58_35	1905898.17	462632.44	6.09	1	12/2/2010		Sift Grid - High Density
26X58	26X58_36	1905898.56	462624.16	17.89	1	12/2/2010		Sift Grid - High Density
26X59	26X59_1	1905902.50	462627.31	11.59	1	12/7/2010	CD	Clasp/Nail
26X59	26X59_2	1905905.26	462651.35	5.33	1	12/7/2010	NF	
26X59	26X59_3	1905908.02	462627.31	8.62	1	12/7/2010	NF	
26X59	26X59_4	1905916.69	462604.46	8.44	1	12/7/2010	NF	
26X59	26X59_5	1905919.45	462615.89	6.23	1	12/7/2010	NF	
26X59	26X59_6	1905925.36	462690.75	6.65	1	12/7/2010	CD	Nail
26X59	26X59_7	1905930.48	462694.69	19.70	1	12/7/2010	MD	Smoke Grenade
26X59	26X59_8	1905932.84	462669.08	18.67	1	12/7/2010	MD	37mm
26X59	26X59_9	1905938.36	462672.23	8.21	1	12/7/2010	NF	
26X59	26X59_10	1905966.33	462602.89	6.14	1	12/7/2010	NF	
26X59	26X59_11	1905981.70	462632.44	9.75	1	12/7/2010	CD	Nail
26X59	26X59_12	1905987.21	462638.74	6.91	1	12/7/2010	CD	Wire
26X59	26X59_13	1905987.61	462627.31	7.59	1	12/7/2010	CD	Nail
26X59	26X59_14	1905990.37	462641.10	8.78	1	12/7/2010	NF	
26X59	26X59_15	1905993.12	462621.80	5.57	1	12/7/2010	NF	
26X59	26X59_16	1905993.12	462634.80	8.28	1	12/7/2010	NF	
26X59	26X59_17	1905995.72	462623.18	5.06	1	12/7/2010	NF	
26X60	26X60_1	1906000.22	462634.41	8.09	1	12/6/2010	NF	
26X60	26X60_2	1906001.79	462615.89	5.72	1	12/6/2010	CD	Nail
26X60	26X60_3	1906002.58	462608.80	5.85	1	12/6/2010	CD	Can
26X60	26X60_4	1906003.76	462631.25	160.72	1	12/6/2010	CD	Rod
26X60	26X60_5	1906006.52	462611.95	6.89	1	12/6/2010	CD	Wire
26X60	26X60_6	1906011.25	462614.31	6.58	1	12/6/2010	CD	Nails
26X60	26X60_7	1906027.80	462678.93	2171.60	1	12/6/2010	CD	Wire
26X60	26X60_8	1906032.13	462639.53	12.32	1	12/6/2010	CD	Wire
26X60	26X60_19	1906034.89	462642.68	10.04	1	12/6/2010	CD	Wire
26X60	26X60_10	1906036.46	462650.56	5.82	1	12/6/2010	CD	Wire
26X60	26X60_11	1906039.62	462690.75	5.79	1	12/6/2010	CD	Nail
26X60	26X60_12	1906040.01	462674.99	10.31	1	12/6/2010	CD	Nail
26X60	26X60_13	1906040.01	462692.72	6.14	1	12/6/2010	CD	Nail
26X60	26X60_14	1906040.80	462654.50	5.44	1	12/6/2010	CD	Wire
26X60	26X60_15	1906041.98	462624.56	7.60	1	12/6/2010	CD	Nail
26X60	26X60_16	1906042.77	462661.20	6.55	1	12/6/2010	CD	Nails
26X60	26X60_17	1906047.89	462603.67	18.85	1	12/6/2010	CD	Nails
26X60	26X60_18	1906048.28	462624.56	8.93	1	12/6/2010	CD	Nail/Wire
26X60	26X60_19	1906048.28	462654.11	6.25	1	12/6/2010	CD	Scrap
26X60	26X60_20	1906060.10	462665.14	12.17	1	12/6/2010	CD	Wire
26X60	26X60_21	1906062.07	462619.43	7.73	1	12/6/2010	NF	
26X60	26X60_22	1906067.20	462670.65	7.96	1	12/6/2010	CD	Wire
26X60	26X60_23	1906084.14	462625.34	13.64	1	12/6/2010	CD	Wire
26X60	26X60_24	1906091.23	462641.10	26.46	1	12/6/2010	NF	Scrap/Nail
26X61								No Targets
26X62	26X62_1	1906249.22	462651.74	21.17	1	11/21/2010	SEED	SEED
26X62	26X62_2	1906261.83	462643.47	5.58	1	11/21/2010	NF	
26X62	26X62_3	1906277.99	462638.35	5.20	1	11/21/2010	NF	
26X63								No Flags
26X64	26X64_1	1906430.07	462602.89	13.02	1	11/17/2010	CD	Wire
26X64	26X64_2	1906432.83	462605.25	14.84	1	11/17/2010	CD	Wire
26X65	26X65_1	1906528.18	462697.84	9.57	1	11/24/2010	CD	Wire
26X65	26X65_2	1906534.09	462700.60	7.76	1	11/24/2010	NF	Ditch
26X65	26X65_3	1906550.63	462667.11	7.16	1	11/24/2010	CD	Bottle Cap
26X65	26X65_4	1906560.88	462671.84	7.39	1	11/24/2010	NF	Ditch
26X65	26X65_5	1906570.33	462657.26	5.22	1	11/24/2010	CD	Wire
26X65	26X65_6	1906571.12	462654.11	6.22	1	11/24/2010	NF	Ditch
26X65	26X65_7	1906572.70	462638.74	6.84	1	11/24/2010	CD	Wire
26X65	26X65_8	1906573.88	462646.62	5.73	1	11/24/2010	CD	Foil
26X65	26X65_9	1906578.21	462676.56	10.19	1	11/24/2010	NF	

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
26X65	26X65_10	1906580.58	462621.80	5.61	1	11/24/2010	CD	Nail
26X65	26X65_11	1906580.97	462619.04	6.30	1	11/24/2010	CD	Nail
26X65	26X65_12	1906586.49	462618.65	20.89	1	11/24/2010	NF	
26X65	26X65_13	1906588.46	462618.25	15.42	1	11/24/2010	NF	
26X65	26X65_14	1906600.28	462670.26	4.97	1	11/24/2010	NF	
26X66	26X66_1	1906658.98	462662.38	6.58	1	11/21/2010	MD	Flare Cap
26X66	26X66_2	1906661.74	462679.72	6.24	1	11/21/2010	NF	
26X66	26X66_3	1906689.32	462608.80	76.23	1	11/21/2010	NF	
26X66	26X66_4	1906691.29	462650.95	36.26	1	11/21/2010	NF	Possibly Deeper than 2 ft
26X66	26X66_5	1906693.66	462652.14	65.74	1	11/21/2010	NF	(Possibly Bedrock)
26X66	26X66_6	1906700.00	462660.02	174.43	1	11/21/2010	NF	
26X67	26X67_1	1906754.73	462604.86	5.46	1	11/26/2010	MD	Flare Cap
26X68								No Targets
26X69	26X69_1	1906909.96	462607.22	19.99	1	11/26/2010	SEED	SEED
26X69	26X69_2	1906928.48	462691.93	10.15	1	11/26/2010	CD	Scrap
26X70	26X70_1	1907070.71	462605.25	4.99	1	11/17/2010	NF	
26X71	26X71_1	1907151.09	462650.95	13.41	1	11/15/2010	CD	Barbed Wire
26X72								No Targets
27X55	27X55_1	1905544.36	462715.18	6.26	1	11/26/2010	NF	
27X55	27X55_2	1905546.33	462712.42	7.36	1	11/26/2010	NF	
27X55	27X55_3	1905547.90	462773.88	9.77	1	11/26/2010	CD	Nail
27X55	27X55_4	1905547.90	462776.25	15.66	1	11/26/2010	CD	Wire
27X55	27X55_5	1905549.87	462792.01	5.82	1	11/26/2010	CD	Wire
27X55	27X55_6	1905556.57	462799.10	5.16	1	11/26/2010	CD	Nail
27X55	27X55_7	1905570.76	462743.54	12.61	1	11/26/2010	MEC	Flare/.25Cal
27X55	27X55_8	1905581.39	462748.67	7.62	1	11/26/2010	CD	Bolt
27X55	27X55_9	1905582.18	462732.51	14.36	1	11/26/2010	On Road	
27X55	27X55_10	1905584.55	462725.81	5.20	1	11/26/2010	CD	Nail
27X55	27X55_11	1905590.06	462705.72	5.08	1	11/26/2010	MD	Bullets
27X55	27X55_12	1905593.21	462734.48	5.48	1	11/26/2010	On Road	
27X55	27X55_13	1905597.94	462704.93	18.19	1	11/26/2010	CD	Rod
27X55	27X55_14	1905598.34	462702.17	11.71	1	11/26/2010	CD	Scrap
27X56	27X56_1	1905602.28	462704.93	14.81	1	11/26/2010	CD	Nail
27X56	27X56_2	1905635.37	462750.64	25.76	1	11/26/2010	SEED	Seed
27X56	27X56_3	1905651.13	462705.72	5.38	1	11/26/2010	CD/MD	Nail/Brass
27X56	27X56_4	1905651.53	462737.63	8.97	1	11/26/2010	MEC	Flare
27X56	27X56_5	1905662.56	462708.08	18.86	1	11/26/2010	CD	Nail Pit
27X56	27X56_6	1905667.68	462750.64	16.29	1	11/26/2010	MEC	Flare
27X56	27X56_7	1905681.86	462699.81	8.46	1	11/26/2010	CD/MD	Nail/Brass
27X57	27X57_1	1905702.75	462757.73	14.70	1	11/30/2010	NF	Concrete Slab
27X57	27X57_2	1905705.11	462792.79	6.44	1	11/30/2010	MD	Brass
27X57	27X57_3	1905705.28	462719.62	7.23	1	11/30/2010	NF	In Road
27X57	27X57_4	1905707.87	462753.79	6.78	1	11/30/2010	NF	Concrete Slab
27X57	27X57_5	1905708.26	462742.36	8.09	1	11/30/2010	NF	
27X57	27X57_6	1905710.07	462766.47	17.13	1	11/30/2010	NF	
27X57	27X57_7	1905710.27	462749.18	71.63	1	11/30/2010	NF	Concrete Slab
27X57	27X57_8	1905710.63	462738.82	5.17	1	11/30/2010	NF	
27X57	27X57_9	1905712.60	462768.76	16.79	1	11/30/2010	NF	
27X57	27X57_10	1905713.38	462752.21	182.45	1	11/30/2010	NF	Concrete Slab
27X57	27X57_11	1905715.69	462745.54	109.19	1	11/30/2010	NF	
27X57	27X57_12	1905715.75	462749.06	175.09	1	11/30/2010	NF	
27X57	27X57_13	1905718.11	462748.27	172.51	1	11/30/2010	NF	
27X57	27X57_14	1905721.26	462741.97	5.17	1	11/30/2010	NF	
27X57	27X57_15	1905734.66	462731.33	176.01	1	11/30/2010	NF	Concrete Slab
27X57	27X57_16	1905737.42	462733.30	141.03	1	11/30/2010	NF	Concrete Slab
27X57	27X57_17	1905738.07	462730.86	124.05	1	11/30/2010	NF	Concrete Slab
27X57	27X57_18	1905740.36	462727.95	102.85	1	11/30/2010	NF	Concrete Slab
27X57	27X57_19	1905742.54	462729.75	117.23	1	11/30/2010	NF	Concrete Slab
27X57	27X57_20	1905759.09	462712.81	174.07	1	11/30/2010	NF	Ground too Hard
27X57	27X57_21	1905762.33	462711.60	159.43	1	11/30/2010	NF	Ground too Hard
27X57	27X57_22	1905765.35	462710.56	115.99	1	11/30/2010	NF	Ground too Hard
27X57	27X57_23	1905789.82	462794.76	10.72	1	11/30/2010	NF	
27X58	27X58_1	1905802.03	462738.82	5.31	1	12/2/2010		Sift Grid - High Density
27X58	27X58_2	1905802.03	462785.70	42.89	1	12/2/2010		Sift Grid - High Density
27X58	27X58_3	1905804.40	462782.16	8.17	1	12/2/2010		Sift Grid - High Density
27X58	27X58_4	1905810.31	462780.19	28.07	1	12/2/2010		Sift Grid - High Density
27X58	27X58_5	1905813.07	462787.28	22.18	1	12/2/2010		Sift Grid - High Density
27X58	27X58_6	1905815.43	462774.28	8.29	1	12/2/2010		Sift Grid - High Density
27X58	27X58_7	1905824.54	462760.76	11.84	1	12/2/2010		Sift Grid - High Density
27X58	27X58_8	1905828.83	462768.58	5.48	1	12/2/2010		Sift Grid - High Density
27X58	27X58_9	1905842.22	462762.46	6.84	1	12/2/2010		Sift Grid - High Density
27X58	27X58_10	1905842.22	462764.43	5.65	1	12/2/2010		Sift Grid - High Density
27X58	27X58_11	1905843.80	462751.82	10.51	1	12/2/2010		Sift Grid - High Density
27X58	27X58_12	1905844.46	462793.63	13.53	1	12/2/2010		Sift Grid - High Density

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
27X58	27X58_13	1905858.38	462725.81	5.00	1	12/2/2010		Sift Grid - High Density
27X58	27X58_14	1905863.50	462796.73	6.55	1	12/2/2010		Sift Grid - High Density
27X58	27X58_15	1905870.20	462705.33	5.82	1	12/2/2010		Sift Grid - High Density
27X58	27X58_16	1905873.74	462740.00	5.54	1	12/2/2010		Sift Grid - High Density
27X58	27X58_17	1905875.32	462723.84	7.45	1	12/2/2010		Sift Grid - High Density
27X58	27X58_18	1905880.44	462732.12	8.41	1	12/2/2010		Sift Grid - High Density
27X58	27X58_19	1905881.23	462700.99	11.47	1	12/2/2010		Sift Grid - High Density
27X58	27X58_20	1905888.71	462790.43	15.71	1	12/2/2010		Sift Grid - High Density
27X58	27X58_21	1905896.20	462786.88	6.52	1	12/2/2010		Sift Grid - High Density
27X59	27X59_1	1905903.29	462725.03	6.35	1	12/7/2010	NF	
27X59	27X59_2	1905906.96	462750.19	10.02	1	12/7/2010	CD	Bolt/Wire
27X59	27X59_3	1905909.60	462767.18	5.82	1	12/7/2010	MD	Smoke Grenade
27X59	27X59_4	1905910.95	462751.48	6.32	1	12/7/2010	NF	
27X59	27X59_5	1905914.32	462763.24	6.79	1	12/7/2010	CD	Wire
27X59	27X59_6	1905924.17	462714.39	7.77	1	12/7/2010	CD	Nail
27X59	27X59_7	1905929.30	462713.21	10.26	1	12/7/2010	NF	#6?
27X59	27X59_8	1905934.02	462725.42	6.12	1	12/7/2010	CD	Nail
27X59	27X59_9	1905958.85	462748.67	11.99	1	12/7/2010	CD	Nail
27X59	27X59_10	1905976.97	462752.21	11.64	1	12/7/2010	CD	Nail
27X59	27X59_11	1905988.79	462752.21	5.32	1	12/7/2010	NF	
27X60	27X60_1	1906009.67	462740.00	13.51	1	12/6/2010	CD	Nail
27X60	27X60_2	1906014.01	462769.15	21.76	1	12/6/2010		Same as #4
27X60	27X60_3	1906015.19	462797.13	41.88	1	12/6/2010	MD	Smoke Grenade
27X60	27X60_4	1906015.58	462769.94	20.82	1	12/6/2010	CD	Scrap
27X60	27X60_5	1906017.16	462755.36	9.43	1	12/6/2010	CD	Nail
27X60	27X60_6	1906027.40	462736.45	13.92	1	12/6/2010	CD	Nail
27X60	27X60_7	1906029.37	462751.42	5.25	1	12/6/2010	CD	Wire
27X60	27X60_8	1906030.16	462751.82	5.33	1	12/6/2010		Hot Rock on both instruments
27X60	27X60_9	1906030.95	462749.85	5.57	1	12/6/2010	CD	Scrap
27X60	27X60_10	1906033.31	462708.48	5.15	1	12/6/2010	CD	Nail
27X60	27X60_11	1906040.01	462700.20	5.68	1	12/6/2010	CD	Nail
27X60	27X60_12	1906049.86	462721.09	5.12	1	12/6/2010	CD	Nail
27X60	27X60_13	1906051.44	462726.60	8.64	1	12/6/2010	CD	Nail
27X61								No Targets
27X62	27X62_1	1906288.23	462735.27	6.26	1	11/21/2010	NF	
27X62	27X62_2	1906204.70	462776.25	5.44	1	11/21/2010	NF	Coil Bump?
27X62	27X62_3	1906268.92	462792.79	11.77	1	11/21/2010	NF	
27X63	27X63_1	1906309.51	462709.66	10.90	1	11/30/2010	NF	Possible Coil Bumps (Broken Sage near each
27X63	27X63_2	1906320.14	462727.39	5.98	1	11/30/2010	NF	Possible Coil Bumps (Broken Sage near each
27X63	27X63_3	1906328.02	462730.54	7.39	1	11/30/2010	NF	Possible Coil Bumps (Broken Sage near each
27X63	27X63_4	1906338.66	462733.30	6.42	1	11/30/2010	NF	Possible Coil Bumps (Broken Sage near each
27X63	27X63_5	1906353.24	462732.51	8.96	1	11/30/2010	NF	Possible Coil Bumps (Broken Sage near each
27X63	27X63_6	1906387.52	462733.69	8.45	1	11/30/2010	NF	Possible Coil Bumps (Broken Sage near each
27X63	27X63_7	1906398.16	462736.06	15.11	1	11/30/2010	NF	Possible Coil Bumps (Broken Sage near each
27X63	27X63_1	1906309.51	462709.66	10.90	1	11/30/2010	NF	Possible Coil Bumps (Broken Sage near each
27X63	27X63_2	1906320.14	462727.39	5.98	1	11/30/2010	NF	Possible Coil Bumps (Broken Sage near each
27X63	27X63_3	1906328.02	462730.54	7.39	1	11/30/2010	NF	Possible Coil Bumps (Broken Sage near each
27X63	27X63_4	1906338.66	462733.30	6.42	1	11/30/2010	NF	Possible Coil Bumps (Broken Sage near each
27X63	27X63_5	1906353.24	462732.51	8.96	1	11/30/2010	NF	Possible Coil Bumps (Broken Sage near each
27X63	27X63_6	1906387.52	462733.69	8.45	1	11/30/2010	NF	Possible Coil Bumps (Broken Sage near each
27X63	27X63_7	1906398.16	462736.06	15.11	1	11/30/2010	NF	Possible Coil Bumps (Broken Sage near each
27X64	27X64_1	1906441.89	462719.51	6.09	1	11/17/2010	NF	
27X64	27X64_2	1906462.78	462761.71	5.47	1	11/17/2010	NF	
27X65	27X65_1	1906572.30	462783.34	5.60	1	11/24/2010	NF	
27X66	27X66_1	1906612.10	462730.54	6.64	1	11/21/2010	NF	
27X66	27X66_2	1906675.14	462743.15	5.71	1	11/21/2010	NF	
27X66	27X66_3	1906695.23	462766.00	5.48	1	11/21/2010	NF	
27X66	27X66_4	1906695.63	462771.12	6.88	1	11/21/2010	NF	
27X66	27X66_5	1906696.41	462721.09	7.72	1	11/21/2010	NF	
27X67	27X67_1	1906726.36	462729.36	6.40	1	11/26/2010	CD	Wire
27X67	27X67_2	1906737.39	462781.37	18.70	1	11/26/2010	SEED	Seed
27X67	27X67_3	1906738.18	462778.61	12.55	1	11/26/2010	SEED	Seed
27X68	27X68_1	1906815.01	462728.18	5.06	1	11/17/2010	CD	Staple
27X68	27X68_2	1906824.46	462732.12	9.24	1	11/17/2010	MD	Flare Cap
27X68	27X68_3	1906878.05	462767.58	27.96	1	11/17/2010	CD	Wire
27X68	27X68_4	1906885.14	462752.21	27.28	1	11/17/2010	CD	Wire
27X68	27X68_5	1906888.88	462743.74	5.27	1	11/17/2010	CD	Wire
27X68	27X68_6	1906889.87	462777.23	18.12	1	11/17/2010	CD	Wire
27X68	27X68_7	1906891.12	462728.39	113.17	1	11/17/2010	CD	Wire
27X68	27X68_8	1906893.46	462747.34	20.53	1	11/17/2010	CD	Wire
27X69	27X69_1	1906922.40	462733.43	16.47	1	11/26/2010	CD	Wire Holder
27X69	27X69_2	1906922.57	462760.88	9.43	1	11/26/2010	CD	Wire
27X69	27X69_3	1906937.54	462788.46	19.97	1	11/26/2010	CD	Wire
27X69	27X69_4	1906969.46	462775.46	17.51	1	11/26/2010	CD	Wire

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27X69	27X69_5	1906973.00	462720.69	5.64	1	11/26/2010	NF	
27X69	27X69_6	1906983.64	462785.70	5.72	1	11/26/2010	CD	Staple
27X69	27X69_7	1906988.37	462727.00	7.60	1	11/26/2010	CD	Staple
27X69	27X69_8	1906993.10	462730.54	11.66	1	11/26/2010	NF	Coil Bump?
27X69	27X69_1	1906922.40	462733.43	16.47	1	11/26/2010	CD	Wire Holder
27X69	27X69_2	1906922.57	462760.88	9.43	1	11/26/2010	CD	Wire
27X69	27X69_3	1906937.54	462788.46	19.97	1	11/26/2010	CD	Wire
27X69	27X69_4	1906969.46	462775.46	17.51	1	11/26/2010	CD	Wire
27X69	27X69_5	1906973.00	462720.69	5.64	1	11/26/2010	NF	
27X69	27X69_6	1906983.64	462785.70	5.72	1	11/26/2010	CD	Staple
27X69	27X69_7	1906988.37	462727.00	7.60	1	11/26/2010	CD	Staple
27X69	27X69_8	1906993.10	462730.54	11.66	1	11/26/2010	NF	Coil Bump?
27X70	27X70_1	1907077.02	462709.27	5.57	1	11/17/2010	CD	Staples/Nail
27X71								No Targets
28X55	28X55_1	1905520.32	462847.95	8.65	1	11/26/2010	CD	Nail
28X55	28X55_2	1905530.57	462800.67	6.82	1	11/26/2010	CD	Nail
28X55	28X55_3	1905531.75	462808.16	7.73	1	11/26/2010	CD	Wire
28X55	28X55_4	1905539.24	462845.59	16.32	1	11/26/2010	CD	Wire
28X55	28X55_5	1905555.76	462813.94	4.82	1	11/26/2010	NF	
28X55	28X55_6	1905570.76	462867.65	23.60	1	11/26/2010	CD	Wire
28X56	28X56_1	1905679.11	462885.78	5.87	1	11/26/2010	MEC	Flare
28X56	28X56_2	1905684.62	462845.98	7.46	1	11/26/2010	MD	Smoke Grenade
28X56	28X56_3	1905697.23	462891.29	6.40	1	11/26/2010	NF	
28X56	28X56_4	1905697.23	462893.26	4.95	1	11/26/2010	NF	
28X57	28X57_1	1905731.51	462832.19	11.45	1	11/30/2010	CD	Bolt
28X57	28X57_2	1905757.91	462819.19	5.56	1	11/30/2010	CD	Nail
28X57	28X57_3	1905761.45	462847.95	7.33	1	11/30/2010	CD	Wire
28X57	28X57_4	1905764.21	462845.59	8.10	1	11/30/2010	NF	
28X57	28X57_5	1905765.39	462808.55	5.40	1	11/30/2010	CD	Nail
28X57	28X57_6	1905765.39	462875.53	8.84	1	11/30/2010	CD	Wire
28X57	28X57_7	1905766.17	462816.85	6.72	1	11/30/2010	CD	Scrap
28X57	28X57_8	1905772.48	462802.64	7.92	1	11/30/2010	CD	Nails
28X57	28X57_9	1905776.03	462808.55	6.91	1	11/30/2010	CD	Nails/Brass
28X57	28X57_10	1905780.76	462802.25	137.11	1	11/30/2010	MD/CD	Nails/Brass Pit
28X57	28X57_11	1905783.52	462811.71	8.37	1	11/30/2010	CD	Nail
28X57	28X57_12	1905789.43	462868.05	5.47	1	11/30/2010	MD	Grenade/Fuse
28X57	28X57_13	1905789.82	462840.07	5.11	1	11/30/2010	MD	Spoon
28X57	28X57_14	1905793.75	462811.96	6.31	1	11/30/2010	MD	Spoon
28X58	28X58_1	1905812.28	462842.04	5.08	1	12/2/2010	MD	Smoke Grenade
28X58	28X58_2	1905812.67	462834.16	5.48	1	12/2/2010	MD	Smoke Grenade
28X58	28X58_3	1905826.86	462853.08	10.11	1	12/2/2010	MD	Smoke Grenade
28X58	28X58_4	1905827.64	462820.37	16.84	1	12/2/2010	CD	Rod
28X58	28X58_5	1905831.98	462837.71	14.11	1	12/2/2010	MD	Smoke Grenade
28X58	28X58_6	1905834.74	462847.95	31.42	1	12/2/2010	MD	Smoke Grenade
28X58	28X58_7	1905847.74	462827.86	10.90	1	12/2/2010	MD	Smoke Grenade
28X58	28X58_8	1905855.62	462823.92	23.30	1	12/2/2010	MD	Smoke Grenade
28X58	28X58_9	1905860.74	462815.65	8.01	1	12/2/2010	MD	Smoke Grenade
28X58	28X58_10	1905880.05	462838.50	12.77	1	12/2/2010	MD	Smoke Grenade
28X58	28X58_11	1905880.83	462815.65	8.65	1	12/2/2010	MD	Smoke Grenade
28X58	28X58_12	1905885.96	462806.19	9.79	1	12/2/2010	MD	Smoke Grenade
28X58	28X58_13	1905898.17	462810.92	10.48	1	12/2/2010	MD	Smoke Grenade
28X58	28X58_14	1905898.96	462806.98	11.06	1	12/2/2010	MD	Smoke Grenade
28X59	28X59_1	1905902.90	462818.01	46.08	1	12/7/2010	MD	
28X59	28X59_2	1905909.60	462806.19	17.64	1	12/7/2010	DD	
28X59	28X59_3	1905963.18	462891.29	8.93	1	12/7/2010	NF	
28X59	28X59_4	1905966.73	462895.63	5.70	1	12/7/2010	NF	
28X60	28X60_1	1906069.17	462827.07	5.04	1	12/6/2010	NF	
28X60	28X60_2	1906084.53	462821.16	5.10	1	12/6/2010	NF	
28X61	28X61_1	1906163.73	462845.2	5.27	1	11/22/2010	NF	
28X61	28X61_2	1906165.7	462846.38	6.07	1	11/22/2010	NF	
28X61	28X61_3	1906185.4	462881.05	5.66	1	11/22/2010		Trash Pit
28X61	28X61_4	1906188.94	462856.62	19.26	1	11/22/2010		Trash Pit
28X61	28X61_5	1906189.73	462859.38	15.01	1	11/22/2010		Trash Pit
28X61	28X61_6	1906190.52	462864.11	18.38	1	11/22/2010		Trash Pit
28X61	28X61_7	1906192.09	462871.59	6.45	1	11/22/2010		Trash Pit
28X61	28X61_8	1906195.25	462865.68	225.94	1	11/22/2010		Trash Pit
28X61	28X61_9	1906197.22	462859.78	21.69	1	11/22/2010		Trash Pit
28X61	28X61_10	1906197.61	462872.38	5.8	1	11/22/2010		Trash Pit
28X61	28X61_3	1906207.07	462855.83	5.40	1	11/21/2010		Trash Pit
28X61	28X61_4	1906233.46	462898.39	8.12	1	11/21/2010	NF	
28X61	28X61_5	1906265.77	462834.95	31.55	1	11/21/2010		Trash Pit
28X61	28X61_6	1906268.14	462835.74	29.18	1	11/21/2010		Trash Pit
28X61	28X61_7	1906273.26	462833.77	32.24	1	11/21/2010		Trash Pit
28X61	28X61_8	1906276.41	462884.99	4.92	1	11/21/2010	NF	Bullets

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28X61	28X61_9	1906276.84	462832.99	7.28	1	11/21/2010		Trash Pit/Debris
28X61	28X61_10	1906283.50	462828.25	6.61	1	11/21/2010		Trash Pit/Debris
28X61	28X61_11	1906293.75	462825.89	6.44	1	11/21/2010		Trash Pit/Debris
28X62	28X62_1	1906200.50	462859.53	9.33	1	11/21/2010	CD	Can
28X62	28X62_2	1906205.88	462845.98	5.20	1	11/21/2010	CD	Can
28X63	28X63_1	1906301.63	462827.86	8.32	1	11/30/2010	NF/MD	Bullets
28X63	28X63_2	1906311.87	462828.65	15.61	1	11/30/2010	NF	Deeper than 24"
28X63	28X63_3	1906315.02	462825.50	12.29	1	11/30/2010	NF	Deeper than 24"
28X63	28X63_4	1906319.75	462835.74	17.77	1	11/30/2010	NF	Bullets
28X63	28X63_5	1906321.19	462839.26	17.49	1	11/30/2010	CD	Nail/Bolt
28X63	28X63_6	1906322.11	462832.59	16.68	1	11/30/2010	CD	Nail/Bolt
28X63	28X63_7	1906324.93	462836.93	8.14	1	11/30/2010	CD	Bracket
28X63	28X63_8	1906327.24	462825.50	5.52	1	11/30/2010	NF	Bullets
28X63	28X63_9	1906327.63	462831.41	100.15	1	11/30/2010	NF	Bullets
28X63	28X63_10	1906329.99	462828.25	45.07	1	11/30/2010	CD	Nail
28X63	28X63_11	1906331.23	462841.24	9.60	1	11/30/2010	CD	Nail
28X63	28X63_12	1906335.12	462839.29	17.01	1	11/30/2010	CD	Nail
28X63	28X63_13	1906335.59	462822.29	5.93	1	11/30/2010	NF	
28X63	28X63_14	1906338.27	462820.37	13.82	1	11/30/2010	NF	
28X63	28X63_15	1906339.45	462837.71	38.19	1	11/30/2010	CD	Nail
28X63	28X63_16	1906341.42	462831.01	15.79	1	11/30/2010	CD	Nail
28X63	28X63_17	1906342.21	462835.35	39.63	1	11/30/2010	CD	Nail
28X63	28X63_18	1906348.91	462828.25	21.17	1	11/30/2010	CD	Nails in Wood
28X63	28X63_19	1906350.88	462823.13	10.83	1	11/30/2010	NF	
28X63	28X63_20	1906354.03	462827.47	13.30	1	11/30/2010	CD	Nail
28X63	28X63_21	1906355.60	462818.80	5.64	1	11/30/2010	NF	
28X63	28X63_22	1906361.91	462870.41	7.99	1	11/30/2010	NF	
28X63	28X63_23	1906369.79	462815.25	13.34	1	11/30/2010	CD	Nail
28X63	28X63_24	1906372.55	462810.92	8.88	1	11/30/2010	NF	
28X63	28X63_25	1906372.94	462832.98	24.46	1	11/30/2010	CD	Nail
28X63	28X63_26	1906374.52	462843.23	43.97	1	11/30/2010	NF	
28X63	28X63_27	1906374.91	462835.35	16.51	1	11/30/2010	NF	
28X63	28X63_28	1906376.09	462832.59	16.52	1	11/30/2010	NF	
28X63	28X63_29	1906379.64	462842.83	26.98	1	11/30/2010	CD	Nail
28X63	28X63_30	1906379.67	462836.93	8.54	1	11/30/2010	NF	
28X64	28X64_1	1906423.77	462824.31	23.09	1	11/17/2010	MD	Flare
28X64	28X64_2	1906400.52	462899.17	4.94	1	11/17/2010	MD	Bull
28X65	28X65_1	1906512.02	462881.84	5.11	1	11/24/2010	NF	
28X65	28X65_2	1906561.27	462812.49	7.79	1	11/24/2010	NF	
28X65	28X65_3	1906568.36	462844.01	5.44	1	11/24/2010	NF	
28X65	28X65_4	1906574.67	462880.26	9.77	1	11/24/2010	NF	
28X65	28X65_5	1906580.18	462811.31	8.70	1	11/24/2010	CD	Wire
28X65	28X65_6	1906582.94	462807.37	5.09	1	11/24/2010	CD	Wire
28X66								No Targets
28X67								No Targets
28X68	28X68_1	1906873.38	462893.95	6.62	1	11/26/2010	NF	
28X69	28X69_1	1906928.09	462829.04	34.82	1	11/17/2010	CD	Barbed Wire
28X69	28X69_2	1906928.09	462861.74	154.11	1	11/17/2010	NF	
28X69	28X69_3	1906932.81	462825.50	64.77	1	11/17/2010	CD	Barbed Wire
28X69	28X69_4	1906934.78	462823.13	70.10	1	11/17/2010	CD	Barbed Wire
28X69	28X69_5	1906937.94	462821.16	64.32	1	11/17/2010	CD	Barbed Wire
28X69	28X69_6	1906960.00	462805.40	9.94	1	11/17/2010	CD	Barbed Wire
28X70								No Targets
29X55	29X55_1	1905569.57	462927.94	6.50	1	11/26/2010	CD	Wire
29X55	29X55_2	1905586.52	462959.46	7.10	1	11/26/2010	CD	Nail/Staple
29X55	29X55_3	1905590.46	462965.37	23.22	1	11/26/2010	CD	Nail
29X55	29X55_4	1905592.82	462964.97	21.39	1	11/26/2010	CD	Pin
29X56	29X56_1	1905617.64	462929.12	13.91	1	11/26/2010	CD	Nail/Staple
29X56	29X56_2	1905621.98	462944.88	11.11	1	11/26/2010	CD	Washer
29X56	29X56_3	1905626.31	462922.81	7.65	1	11/26/2010	CD	Staple/Wire
29X56	29X56_4	1905629.46	462929.12	8.00	1	11/26/2010	NF	
29X56	29X56_5	1905632.22	462930.30	7.31	1	11/26/2010	CD	Nail
29X56	29X56_6	1905637.34	462975.61	9.96	1	11/26/2010	CD	Wire
29X56	29X56_7	1905639.31	462976.40	10.34	1	11/26/2010	CD	Wire
29X57	29X57_1	1905708.26	462913.36	12.94	1	12/7/2010	CD	Scrap
29X57	29X57_2	1905747.27	462998.86	84.16	1	12/7/2010	CD	Wire
29X57	29X57_3	1905747.49	462984.16	24.43	1	12/7/2010	CD	Wire
29X58	29X58_1	1905826.07	462964.97	8.15	1	12/2/2010	NF	
29X58	29X58_2	1905877.68	462954.73	5.46	1	12/2/2010	NF	
29X59								No Targets
29X60	29X60_1	1906084.53	462910.60	19.06	1	12/6/2010	SEED	SEED
29X60	29X60_2	1906084.53	462912.96	13.61	1	12/6/2010	SEED	SEED
29X61								No Targets
29X62	29X62_1	1906201.94	462931.88	5.50	1	11/21/2010	NF	

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
29X62	29X62_2	1906208.25	462942.91	5.14	1	11/21/2010	NF	
29X62	29X62_3	1906210.61	462961.82	15.54	1	11/21/2010	NF	
29X62	29X62_4	1906215.02	462926.18	5.96	1	11/21/2010	NF	
29X62	29X62_5	1906222.04	462932.66	6.64	1	11/21/2010	NF	
29X62	29X62_6	1906224.40	462961.82	101.70	1	11/21/2010	SEED	SEED
29X62	29X62_7	1906225.19	462929.12	5.36	1	11/21/2010	NF	
29X62	29X62_8	1906226.34	462940.33	4.83	1	11/21/2010	NF	
29X62	29X62_9	1906233.46	462898.39	8.12	1	11/21/2010	NF	
29X62	29X62_10	1906241.74	462981.13	5.41	1	11/21/2010	NF	
29X62	29X62_11	1906278.38	462997.67	7.11	1	11/21/2010	NF	
29X62	29X62_12	1906278.77	462983.49	5.93	1	11/21/2010	NF	
29X62	29X62_13	1906296.11	462910.99	6.95	1	11/21/2010	NF	
29X63	29X63_1	1906316.20	462903.11	6.59	1	11/18/2010	NF	
29X63	29X63_2	1906350.88	462966.15	6.35	1	11/18/2010	NF	
29X63	29X63_3	1906370.97	462905.08	5.95	1	11/18/2010	NF	
29X63	29X63_4	1906373.33	462970.88	10.39	1	11/18/2010	NF	
29X63	29X63_5	1906373.73	462926.36	5.50	1	11/18/2010	NF	
29X63	29X63_6	1906374.12	462934.24	10.56	1	11/18/2010	NF	
29X63	29X63_7	1906376.85	462958.83	5.64	1	11/18/2010	NF	
29X63	29X63_8	1906383.97	462933.45	14.88	1	11/18/2010	NF	
29X63	29X63_9	1906386.73	462942.91	6.64	1	11/18/2010	NF	
29X64	29X64_1	1906417.86	462920.45	6.75	1	11/17/2010	NF	
29X64	29X64_2	1906434.40	462905.08	5.60	1	11/17/2010	NF	
29X65	29X65_1	1906510.45	462963.40	7.88	1	11/24/2010	NF	
29X65	29X65_2	1906568.84	462985.36	8.95	1	11/24/2010	NF	
29X65	29X65_3	1906575.46	462981.13	1840.50	1	11/24/2010	CD	Wire
29X65	29X65_4	1906576.24	462977.97	18.95	1	11/24/2010	CD	Wire
29X65	29X65_5	1906578.94	462985.86	6.94	1	11/24/2010	CD	Wire
29X66	29X66_1	1906648.70	462970.10	5.10	1	11/21/2010	NF	
29X66	29X66_2	1906655.00	462986.60	4.90	1	11/21/2010	NF	
29X67	29X67_1	1906735.03	462984.28	34.99	1	11/26/2010	CD	Wire
29X67	29X67_2	1906742.51	462978.37	9.80	1	11/26/2010	CD	Wire
29X67	29X67_3	1906762.61	462959.06	5.63	1	11/26/2010	CD	Staple
29X67	29X67_4	1906778.54	462972.16	9.72	1	11/26/2010	CD	Wire
29X67	29X67_5	1906782.31	462954.33	8.44	1	11/26/2010	CD	Staple
29X67	29X67_6	1906783.09	462931.48	11.57	1	11/26/2010	CD	Wire
29X67	29X67_7	1906787.43	462961.03	7.90	1	11/26/2010	CD	Nail
29X67	29X67_8	1906787.82	462931.09	9.43	1	11/26/2010	CD	Wire
29X67	29X67_9	1906792.94	462959.85	10.69	1	11/26/2010	CD	Nail
29X67	29X67_10	1906794.13	462933.06	5.46	1	11/26/2010	CD	Wire
29X68								No Targets
29X69								No Targets
30X56	30X56_1	1905628.28	463015.40	7.42	1	11/26/2010	CD	Nail
30X56	30X56_2	1905639.71	463002.01	5.56	1	11/26/2010	NF	
30X56	30X56_3	1905652.71	463089.87	29.32	1	11/26/2010	CD	Wire
30X56	30X56_4	1905659.80	463098.14	40.87	1	11/26/2010	CD	Wire
30X56	30X56_5	1905663.74	463043.38	10.37	1	11/26/2010	CD	Wire
30X56	30X56_6	1905666.89	463048.11	5.41	1	11/26/2010	CD	Wire
30X57	30X57_1	1905712.20	463023.28	8.43	1	12/7/2010	CD	Scrap
30X58	30X58_1	1905878.86	463035.10	7.51	1	12/2/2010	NF	
30X59	30X59_1	1905910.78	463014.22	13.24	1	12/7/2010	NF	
30X59	30X59_2	1905917.87	463004.77	5.87	1	12/7/2010	NF	
30X59	30X59_3	1905919.45	463039.83	11.37	1	12/7/2010	NF	
30X59	30X59_4	1905922.99	463000.83	24.83	1	12/7/2010	NF	
30X59	30X59_5	1905978.55	463088.29	15.34	1	12/7/2010	NF	
30X59	30X59_6	1905985.21	463000.37	12.07	1	12/7/2010	NF	
30X60	30X60_1	1906014.01	463096.17	5.13	1	12/6/2010	NF	
30X60	30X60_2	1906093.59	463043.38	82.35	1	12/6/2010	MD	.37mm/Flare
30X60	30X60_3	1906095.96	463044.95	139.26	1	12/6/2010	MD	.37mm/Flare
30X61	30X61_1	1906183.43	463070.17	220.28	1	11/22/2010	MD	.37mm
30X62	30X62_1	1906275.62	463040.23	5.56	1	11/21/2010	NF	
30X62	30X62_2	1906283.11	463054.02	6.71	1	11/21/2010	NF	
30X62	30X62_3	1906273.26	463078.84	7.15	1	11/21/2010	NF	
30X63	30X63_1	1906312.26	463008.31	12.59	1	11/18/2010	CD	Wire
30X63	30X63_2	1906313.45	463002.40	13.02	1	11/18/2010	CD	Wire
30X63	30X63_3	1906316.60	463003.98	7.83	1	11/18/2010	CD	Wire
30X63	30X63_4	1906330.39	463051.65	18.76	1	11/18/2010	CD	Wire
30X63	30X63_5	1906344.97	463020.53	5.07	1	11/18/2010	CD	Wire
30X63	30X63_6	1906360.31	463049.68	5.23	1	11/18/2010	NF	
30X64	30X64_1	1906454.50	463091.84	5.27	1	11/17/2010	MD	Bull
30X64	30X64_2	1906487.59	463095.40	5.37	1	11/17/2010	NF	
30X64	30X64_3	1906488.78	463053.62	5.93	1	11/17/2010	NF	
30X65	30X65_1	1906537.63	463048.11	16.80	1	11/24/2010	CD	Wire
30X65	30X65_2	1906569.55	463033.13	18.93	1	11/24/2010	SEED	SEED

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
30X65	30X65_3	1906587.67	463002.01	7.28	1	11/24/2010	CD	Wire
30X65	30X65_4	1906588.85	463090.26	6.58	1	11/24/2010	NF	
30X66	30X66_1	1906601.07	463025.65	5.37	1	11/21/2010	NF	
30X66	30X66_2	1906629.83	463061.50	9.13	1	11/21/2010	CD	Wire
30X66	30X66_3	1906697.20	463007.13	8.66	1	11/21/2010	CD	Wire
30X67	30X67_1	1906700.35	463017.77	6.53	1	11/26/2010	CD	Wire
30X67	30X67_2	1906714.14	463001.61	5.65	1	11/26/2010	CD	Wire
30X67	30X67_3	1906729.12	463009.89	14.08	1	11/26/2010	CD	Wire
31X56	31X56_1	1905679.89	463116.66	20.87	1	11/26/2010	CD	Buried Wire
31X56	31X56_2	1905682.65	463119.42	23.53	1	11/26/2010	CD	Buried Wire
31X56	31X56_3	1905685.80	463122.97	17.25	1	11/26/2010	CD	Buried Wire
31X56	31X56_4	1905688.56	463125.72	12.49	1	11/26/2010	CD	Buried Wire
31X56	31X56_5	1905691.32	463128.48	12.95	1	11/26/2010	CD	Buried Wire
31X56	31X56_6	1905694.08	463130.45	15.30	1	11/26/2010	CD	Buried Wire
31X56	31X56_7	1905696.84	463133.21	17.67	1	11/26/2010	CD	Buried Wire
31X56	31X56_8	1905699.20	463136.36	24.30	1	11/26/2010	CD	Buried Wire
31X57	31X57_1	1905705.90	463141.09	14.12	1	12/7/2010	Buried Wire	Buried Wire
31X57	31X57_2	1905709.44	463143.85	18.72	1	12/7/2010	Buried Wire	Buried Wire
31X57	31X57_3	1905712.60	463147.39	8.89	1	12/7/2010	Buried Wire	Buried Wire
31X57	31X57_4	1905718.11	463152.52	6.26	1	12/7/2010	Buried Wire	Buried Wire
31X57	31X57_5	1905726.39	463158.82	8.76	1	12/7/2010	Buried Wire	Buried Wire
31X57	31X57_6	1905731.90	463164.34	22.24	1	12/7/2010	Buried Wire	Buried Wire
31X57	31X57_7	1905735.05	463119.42	51.66	1	12/7/2010	CD	Wire
31X57	31X57_8	1905735.84	463167.49	35.56	1	12/7/2010	Buried Wire	Buried Wire
31X57	31X57_9	1905738.21	463170.64	47.05	1	12/7/2010	Buried Wire	Buried Wire
31X57	31X57_10	1905740.57	463113.90	46.50	1	12/7/2010	NF	
31X57	31X57_11	1905743.72	463176.55	71.37	1	12/7/2010	Buried Wire	Buried Wire
31X57	31X57_12	1905748.06	463178.91	39.78	1	12/7/2010	Buried Wire	Buried Wire
31X57	31X57_13	1905756.72	463187.58	781.57	1	12/7/2010	Buried Wire	Buried Wire
31X57	31X57_14	1905766.18	463192.70	20.57	1	12/7/2010	Buried Wire	Buried Wire
31X57	31X57_15	1905769.73	463197.04	31.09	1	12/7/2010	Buried Wire	Buried Wire
31X57	31X57_16	1905772.88	463200.19	17.08	1	12/7/2010	Buried Wire	Buried Wire
31X57	31X57_17	1905797.31	463165.52	31.61	1	12/7/2010	CD	Wire
31X58	31X58_1	1905803.07	463182.79	21.81	1	12/2/2010	CD	Wire
31X58	31X58_2	1905808.29	463179.89	5.07	1	12/2/2010	CD	Wire
31X58	31X58_3	1905812.36	463170.03	10.40	1	12/2/2010	CD	Wire
31X58	31X58_4	1905856.80	463189.95	7.26	1	12/2/2010	CD	Nails
31X59	31X59_1	1905921.81	463161.18	5.23	1	12/7/2010	NF	
31X60	31X60_1	1906017.95	463117.45	5.58	1	12/6/2010	NF	
31X60	31X60_2	1906018.57	463127.30	5.28	1	12/6/2010	NF	
31X60	31X60_3	1906018.73	463183.25	5.50	1	12/6/2010	NF	
31X60	31X60_4	1906023.59	463146.26	5.00	1	12/6/2010	NF	
31X60	31X60_5	1906040.98	463107.55	5.00	1	12/6/2010	NF	
31X61	31X61_1	1906128.66	463103.66	71.63	1	11/22/2010	MD	.37mm
31X61	31X61_2	1906131.02	463102.87	158.98	1	11/22/2010	MD	.37mm
31X61	31X61_3	1906168.45	463130.45	5.75	1	11/22/2010	MD	Fins
31X62	31X62_1	1906202.34	463171.03	5.42	1	11/21/2010		Burn Pit
31X62	31X62_2	1906205.12	463170.68	5.35	1	11/21/2010		Burn Pit
31X62	31X62_3	1906225.47	463113.60	4.47	1	11/21/2010		Burn Pit
31X62	31X62_4	1906254.35	463120.21	5.62	1	11/21/2010		Burn Pit
31X62	31X62_5	1906262.78	463193.03	4.57	1	11/21/2010		Burn Pit
31X62	31X62_6	1906263.01	463190.34	6.51	1	11/21/2010		Burn Pit
31X62	31X62_7	1906268.26	463171.01	5.18	1	11/21/2010		Burn Pit
31X62	31X62_8	1906297.29	463124.94	6.94	1	11/21/2010		Burn Pit
31X63	31X63_1	1906307.54	463153.70	39.87	1	11/18/2010	CD	Nails
31X63	31X63_2	1906307.93	463130.45	6.19	1	11/18/2010	NF	
31X63	31X63_3	1906307.93	463148.58	13.88	1	11/18/2010	CD	Nails
31X63	31X63_4	1906308.72	463194.67	5.17	1	11/18/2010	CD	Can
31X63	31X63_5	1906343.78	463126.12	10.46	1	11/18/2010	NF	
31X63	31X63_6	1906344.97	463190.34	19.27	1	11/18/2010	MD	Smoke Grenade
31X63	31X63_7	1906347.72	463166.31	6.02	1	11/18/2010	NF	
31X63	31X63_8	1906355.21	463184.04	9.62	1	11/18/2010	NF	
31X63	31X63_9	1906357.57	463199.40	6.08	1	11/18/2010	CD	Wire
31X63	31X63_10	1906378.46	463111.54	6.44	1	11/18/2010	NF	
31X63	31X63_11	1906387.52	463164.73	4.94	1	11/18/2010	NF	
31X64	31X64_1	1906440.71	463173.40	6.59	1	11/17/2010	NF	
31X64	31X64_2	1906448.98	463158.82	6.42	1	11/17/2010	NF	
31X64	31X64_3	1906483.26	463180.10	6.26	1	11/17/2010	CD	Staple
31X65	31X65_1	1906502.17	463171.80	6.68	1	11/24/2010	CD	Rod
31X65	31X65_2	1906579.00	463103.66	12.05	1	11/24/2010	CD	Wire/Nail
32X57	32X57_1	1905776.05	463202.26	9.78	1	12/7/2010	Buried Wire	Buried Wire
32X57	32X57_2	1905781.15	463205.71	12.12	1	12/7/2010	Buried Wire	Buried Wire
32X57	32X57_3	1905786.68	463211.53	7.13	1	12/7/2010	Buried Wire	Buried Wire
32X57	32X57_4	1905792.89	463216.28	23.33	1	12/7/2010	Buried Wire	Buried Wire

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Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
32X57	32X57_5	1905796.91	463219.89	30.40	1	12/7/2010	Buried Wire	Buried Wire
32X57	32X57_6	1905799.28	463222.25	18.56	1	12/7/2010	Buried Wire	Buried Wire
32X58	32X58_1	1905804.00	463226.98	12.90	1	12/2/2010		Sift Grid - High Density
32X58	32X58_2	1905809.91	463233.68	7.49	1	12/2/2010		Sift Grid - High Density
32X58	32X58_3	1905816.61	463239.20	32.67	1	12/2/2010		Sift Grid - High Density
32X58	32X58_4	1905818.19	463260.47	12.88	1	12/2/2010		Sift Grid - High Density
32X58	32X58_5	1905820.16	463241.95	21.47	1	12/2/2010		Sift Grid - High Density
32X58	32X58_6	1905824.49	463244.32	14.60	1	12/2/2010		Sift Grid - High Density
32X58	32X58_7	1905831.19	463252.20	42.21	1	12/2/2010		Sift Grid - High Density
32X58	32X58_8	1905834.98	463257.58	8.98	1	12/2/2010		Sift Grid - High Density
32X58	32X58_9	1905842.62	463260.47	20.01	1	12/2/2010		Sift Grid - High Density
32X58	32X58_10	1905843.40	463247.47	5.01	1	12/2/2010		Sift Grid - High Density
32X58	32X58_11	1905845.37	463265.20	41.69	1	12/2/2010		Sift Grid - High Density
32X58	32X58_12	1905850.50	463271.50	27.28	1	12/2/2010		Sift Grid - High Density
32X58	32X58_13	1905854.04	463277.02	13.77	1	12/2/2010		Sift Grid - High Density
32X58	32X58_14	1905856.80	463228.95	16.93	1	12/2/2010		Sift Grid - High Density
32X58	32X58_15	1905857.98	463282.14	17.91	1	12/2/2010		Sift Grid - High Density
32X58	32X58_16	1905859.16	463218.31	11.18	1	12/2/2010		Sift Grid - High Density
32X58	32X58_17	1905863.10	463261.65	7.78	1	12/2/2010		Sift Grid - High Density
32X58	32X58_18	1905870.44	463299.89	20.52	1	12/2/2010		Sift Grid - High Density
32X58	32X58_19	1905882.02	463242.35	9.44	1	12/2/2010		Sift Grid - High Density
32X58	32X58_20	1905893.44	463208.86	8.65	1	12/2/2010		Sift Grid - High Density
32X59	32X59_1	1905902.50	463233.68	4.96	1	12/7/2010	CD	Trash Site
32X59	32X59_2	1905903.69	463240.77	5.50	1	12/7/2010	CD	Trash Site
32X59	32X59_3	1905914.72	463228.56	6.99	1	12/7/2010	CD	Trash Site
32X59	32X59_4	1905914.72	463234.47	5.11	1	12/7/2010	CD	Trash Site
32X59	32X59_5	1905941.34	463259.11	7.41	1	12/7/2010	NF	
32X59	32X59_6	1905944.25	463280.59	109.52	1	12/7/2010	CD	Wire/Hinge
32X59	32X59_7	1905966.73	463252.20	6.14	1	12/7/2010	NF	
32X59	32X59_8	1905970.67	463289.63	4.98	1	12/7/2010	NF	
32X60	32X60_1	1906010.85	463204.13	5.47	1	12/6/2010	NF	
32X60	32X60_2	1906030.89	463253.83	5.13	1	12/6/2010	NF	
32X60	32X60_3	1906037.25	463207.28	5.03	1	12/6/2010	NF	
32X60	32X60_4	1906038.04	463277.02	5.31	1	12/6/2010	NF	
32X60	32X60_5	1906040.80	463200.19	5.74	1	12/6/2010	NF	
32X60	32X60_6	1906042.77	463201.37	6.61	1	12/6/2010	NF	
32X60	32X60_7	1906043.95	463290.81	4.99	1	12/6/2010	NF	
32X60	32X60_8	1906059.32	463221.47	13.65	1	12/6/2010	SEED	SEED
32X61	32X61_1	1906107.78	463298.69	6.24	1	11/22/2010		Burn Pit
32X61	32X61_2	1906118.42	463215.95	6.08	1	11/22/2010		Burn Pit
32X61	32X61_3	1906172.39	463214.77	13.62	1	11/22/2010		Burn Pit
32X61	32X61_4	1906175.94	463218.71	276.51	1	11/22/2010		Burn Pit
32X61	32X61_5	1906177.91	463278.2	5.15	1	11/22/2010		Burn Pit
32X61	32X61_6	1906178.3	463293.57	13.34	1	11/22/2010		MEC/ No flag assigned
32X61	32X61_7	1906180.67	463274.66	98.06	1	11/22/2010		found during surface sweep
32X61	32X61_8	1906183.43	463237.23	14.84	1	11/22/2010		Burn Pit
32X61	32X61_9	1906183.82	463275.97	27.46	1	11/22/2010		Burn Pit
32X61	32X61_10	1906185.4	463235.65	25.68	1	11/22/2010		Burn Pit
32X61	32X61_11	1906185.4	463238.01	18.11	1	11/22/2010		Burn Pit
32X61	32X61_12	1906190.74	463288.9	41.76	1	11/22/2010		Burn Pit
32X61	32X61_13	1906191.34	463280.78	32.88	1	11/22/2010		Burn Pit
32X61	32X61_14	1906194.06	463291.99	21.21	1	11/22/2010		Burn Pit
32X61	32X61_15	1906197.22	463233.68	5.31	1	11/22/2010		Burn Pit
32X61	32X61_16	1906199.5	463283.72	1716.02	1	11/22/2010		Burn Pit
32X62	32X62_1	1906200.37	463283.32	1770.78	1	11/21/2010		Burn Pit
32X62	32X62_2	1906202.06	463287.35	53.67	1	11/21/2010		Burn Pit
32X62	32X62_3	1906202.81	463290.92	10.95	1	11/21/2010		Burn Pit
32X62	32X62_4	1906203.93	463281.90	12.27	1	11/21/2010		Burn Pit
32X62	32X62_5	1906205.88	463275.84	47.34	1	11/21/2010		Burn Pit
32X62	32X62_6	1906207.07	463280.57	30.53	1	11/21/2010		Burn Pit
32X62	32X62_7	1906212.19	463231.32	4.90	1	11/21/2010		Burn Pit
32X62	32X62_8	1906212.19	463290.02	6.93	1	11/21/2010		Burn Pit
32X62	32X62_9	1906212.29	463247.91	5.05	1	11/21/2010		Burn Pit
32X62	32X62_10	1906212.58	463236.44	97.18	1	11/21/2010		Burn Pit
32X62	32X62_11	1906215.34	463236.04	40.75	1	11/21/2010		Burn Pit
32X62	32X62_12	1906215.34	463282.93	5.13	1	11/21/2010		Burn Pit
32X62	32X62_13	1906215.77	463277.58	6.43	1	11/21/2010		Burn Pit
32X62	32X62_14	1906216.13	463280.17	7.06	1	11/21/2010		Burn Pit
32X62	32X62_15	1906217.70	463259.68	5.76	1	11/21/2010		Burn Pit
32X62	32X62_16	1906219.05	463276.36	7.17	1	11/21/2010		Burn Pit
32X62	32X62_17	1906221.25	463280.17	43.97	1	11/21/2010		Burn Pit
32X62	32X62_18	1906221.25	463297.51	12.67	1	11/21/2010		Burn Pit
32X62	32X62_19	1906221.31	463235.41	12.51	1	11/21/2010		Burn Pit
32X62	32X62_20	1906223.22	463283.72	24.37	1	11/21/2010		Burn Pit

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32X62	32X62_21	1906224.13	463297.31	5.12	1	11/21/2010		Burn Pit
32X62	32X62_22	1906224.40	463236.04	588.86	1	11/21/2010		Burn Pit
32X62	32X62_23	1906224.80	463299.48	6.01	1	11/21/2010		Burn Pit
32X62	32X62_24	1906225.58	463221.86	4.98	1	11/21/2010		Burn Pit
32X62	32X62_25	1906225.98	463278.60	21.41	1	11/21/2010		Burn Pit
32X62	32X62_26	1906226.77	463299.48	6.31	1	11/21/2010		Burn Pit
32X62	32X62_27	1906227.16	463214.37	6.65	1	11/21/2010		Burn Pit
32X62	32X62_28	1906227.55	463267.96	1672.50	1	11/21/2010		Burn Pit
32X62	32X62_29	1906227.60	463287.63	7.36	1	11/21/2010		Burn Pit
32X62	32X62_30	1906229.13	463221.07	7.19	1	11/21/2010		Burn Pit
32X62	32X62_31	1906229.20	463263.68	9.90	1	11/21/2010		Burn Pit
32X62	32X62_32	1906229.52	463271.50	500.09	1	11/21/2010		Burn Pit
32X62	32X62_33	1906229.52	463282.14	26.55	1	11/21/2010		Burn Pit
32X62	32X62_34	1906230.31	463290.02	88.76	1	11/21/2010		Burn Pit
32X62	32X62_35	1906231.49	463285.29	20.85	1	11/21/2010		Burn Pit
32X62	32X62_36	1906231.49	463297.90	5.59	1	11/21/2010		Burn Pit
32X62	32X62_37	1906231.89	463271.50	410.98	1	11/21/2010		Burn Pit
32X62	32X62_38	1906232.20	463237.86	12.04	1	11/21/2010		Burn Pit
32X62	32X62_39	1906232.30	463244.81	12.03	1	11/21/2010		Burn Pit
32X62	32X62_40	1906233.86	463269.93	251.00	1	11/21/2010		Burn Pit
32X62	32X62_41	1906234.25	463282.14	19.87	1	11/21/2010		Burn Pit
32X62	32X62_42	1906234.46	463285.28	8.36	1	11/21/2010		Burn Pit
32X62	32X62_43	1906234.65	463288.84	24.53	1	11/21/2010		Burn Pit
32X62	32X62_44	1906235.43	463228.16	391.06	1	11/21/2010		Burn Pit
32X62	32X62_45	1906235.43	463243.92	7.61	1	11/21/2010		Burn Pit
32X62	32X62_46	1906236.22	463254.56	6.37	1	11/21/2010		Burn Pit
32X62	32X62_47	1906236.62	463272.98	26.14	1	11/21/2010		Burn Pit
32X62	32X62_48	1906237.01	463247.08	6.19	1	11/21/2010		Burn Pit
32X62	32X62_49	1906237.01	463249.44	6.62	1	11/21/2010		Burn Pit
32X62	32X62_50	1906237.46	463225.55	31.78	1	11/21/2010		Burn Pit
32X62	32X62_51	1906238.19	463275.44	65.60	1	11/21/2010		Burn Pit
32X62	32X62_52	1906238.98	463291.20	31.75	1	11/21/2010		Burn Pit
32X62	32X62_53	1906239.06	463221.70	9.43	1	11/21/2010		Burn Pit
32X62	32X62_54	1906239.37	463252.59	9.86	1	11/21/2010		Burn Pit
32X62	32X62_55	1906239.37	463256.14	15.76	1	11/21/2010		Burn Pit
32X62	32X62_56	1906239.37	463267.17	10.84	1	11/21/2010		Burn Pit
32X62	32X62_57	1906239.43	463283.03	23.63	1	11/21/2010		Burn Pit
32X62	32X62_58	1906240.09	463226.40	5.61	1	11/21/2010		Burn Pit
32X62	32X62_59	1906241.34	463251.02	11.64	1	11/21/2010		Burn Pit
32X62	32X62_60	1906241.34	463253.38	14.90	1	11/21/2010		Burn Pit
32X62	32X62_61	1906241.34	463281.75	35.77	1	11/21/2010		Burn Pit
32X62	32X62_62	1906241.74	463229.35	5.18	1	11/21/2010		Burn Pit
32X62	32X62_63	1906242.92	463284.11	32.91	1	11/21/2010		Burn Pit
32X62	32X62_64	1906243.71	463272.29	1184.45	1	11/21/2010		Burn Pit
32X62	32X62_65	1906243.71	463280.57	39.40	1	11/21/2010		Burn Pit
32X62	32X62_66	1906244.60	463288.57	7.57	1	11/21/2010		Burn Pit
32X62	32X62_67	1906253.56	463220.68	7.80	1	11/21/2010		Burn Pit
32X62	32X62_68	1906256.32	463286.48	16.50	1	11/21/2010		Burn Pit
32X62	32X62_69	1906259.47	463282.14	34.67	1	11/21/2010		Burn Pit
32X62	32X62_70	1906259.63	463270.92	28.60	1	11/21/2010		Burn Pit
32X62	32X62_71	1906260.65	463213.19	23.44	1	11/21/2010		Burn Pit
32X62	32X62_72	1906261.13	463275.89	39.86	1	11/21/2010		Burn Pit
32X62	32X62_73	1906261.97	463285.38	13.10	1	11/21/2010		Burn Pit
32X62	32X62_74	1906262.62	463269.93	7.46	1	11/21/2010		Burn Pit
32X62	32X62_75	1906263.01	463272.69	7.93	1	11/21/2010		Burn Pit
32X62	32X62_76	1906263.41	463265.59	34.07	1	11/21/2010		Burn Pit
32X62	32X62_77	1906266.56	463202.55	25.44	1	11/21/2010		Burn Pit
32X62	32X62_78	1906266.95	463299.87	14.37	1	11/21/2010		Burn Pit
32X62	32X62_79	1906268.53	463236.44	7.54	1	11/21/2010		Burn Pit
32X62	32X62_80	1906268.53	463278.60	47.75	1	11/21/2010		Burn Pit
32X62	32X62_81	1906270.71	463273.83	11.08	1	11/21/2010		Burn Pit
32X62	32X62_82	1906270.80	463234.76	5.39	1	11/21/2010		Burn Pit
32X62	32X62_83	1906274.83	463200.58	12.24	1	11/21/2010		Burn Pit
32X62	32X62_84	1906277.99	463207.28	8.70	1	11/21/2010		Burn Pit
32X62	32X62_85	1906278.38	463292.78	12.20	1	11/21/2010		Burn Pit
32X62	32X62_86	1906286.02	463298.90	8.08	1	11/21/2010		Burn Pit
32X62	32X62_87	1906288.23	463295.54	12.65	1	11/21/2010		Burn Pit
32X62	32X62_88	1906292.96	463250.23	10.14	1	11/21/2010		Burn Pit
32X62	32X62_89	1906295.32	463291.20	7.67	1	11/21/2010		Burn Pit
32X62	32X62_90	1906300.20	463204.14	5.04	1	11/21/2010	CD	Aluminum
32X63	32X63_1	1906301.63	463265.99	6.92	1	11/18/2010	MD	Primer
32X63	32X63_2	1906302.43	463236.67	13.36	1	11/18/2010	CD	Paint Can
32X63	32X63_3	1906305.17	463231.71	69.26	1	11/18/2010	MD, CD	Smoke Grenade, Nails
32X63	32X63_4	1906305.96	463262.05	15.86	1	11/18/2010	MD	Cart

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32X63	32X63_5	1906306.75	463246.09	6.47	1	11/18/2010	CD	Wire
32X63	32X63_6	1906311.08	463267.96	320.30	1	11/18/2010	CD	Alum, Badges
32X63	32X63_7	1906312.06	463238.96	86.72	1	11/18/2010	CD, MD	Nail, Smoke Grenade
32X63	32X63_8	1906312.24	463234.02	8.40	1	11/18/2010	MD	0.37 Scrap, Cart
32X63	32X63_9	1906313.84	463256.53	11.72	1	11/18/2010	CD	Wire
32X63	32X63_10	1906324.87	463220.68	18.98	1	11/18/2010	CD	Can Lid
32X63	32X63_11	1906328.42	463274.66	5.75	1	11/18/2010	CD	Nail
32X63	32X63_12	1906331.96	463238.01	138.59	1	11/18/2010		37
32X63	32X63_13	1906336.16	463292.57	12.92	1	11/18/2010	CD	Bar, Wire
32X63	32X63_14	1906340.04	463288.84	115.85	1	11/18/2010	CD	Re-Bar
32X63	32X63_15	1906343.00	463206.89	25.07	1	11/18/2010	CD	Can
32X63	32X63_16	1906343.78	463247.86	9.14	1	11/18/2010	CD	Nail
32X63	32X63_17	1906345.36	463202.55	115.91	1	11/18/2010	MD	0.37
32X63	32X63_18	1906346.54	463216.74	194.80	1	11/18/2010	MD	37
32X63	32X63_19	1906347.70	463200.30	55.83	1	11/18/2010	CD	Wire
32X63	32X63_20	1906348.32	463213.72	25.83	1	11/18/2010	CD	Screw, Scape
32X63	32X63_21	1906349.69	463248.65	6.41	1	11/18/2010	CD	Nail
32X63	32X63_22	1906352.45	463237.23	5.28	1	11/18/2010	CD	Can, Nail
32X63	32X63_23	1906354.03	463230.13	8.60	1	11/18/2010	CD	Nail
32X63	32X63_24	1906354.57	463223.20	59.07	1	11/18/2010	CD	LG Bolt
32X63	32X63_25	1906355.60	463216.34	26.20	1	11/18/2010	CD	Bolt
32X63	32X63_26	1906355.60	463234.47	18.43	1	11/18/2010	CD	Nails
32X63	32X63_27	1906355.82	463239.49	6.02	1	11/18/2010	CD	Nail
32X63	32X63_28	1906356.39	463243.53	18.28	1	11/18/2010	CD	Nail
32X63	32X63_29	1906358.76	463217.53	12.19	1	11/18/2010	CD	Nail
32X63	32X63_30	1906362.70	463218.31	6.14	1	11/18/2010	CD	Nails
32X63	32X63_31	1906362.70	463227.77	11.45	1	11/18/2010	CD	Latch
32X63	32X63_32	1906363.88	463239.59	14.45	1	11/18/2010	CD	Nail
32X63	32X63_33	1906365.06	463271.11	21.13	1	11/18/2010	NF	
32X63	32X63_34	1906365.90	463242.26	8.11	1	11/18/2010	CD	Nail
32X63	32X63_35	1906366.22	463250.23	5.29	1	11/18/2010	CD	Nail
32X63	32X63_36	1906366.24	463232.89	14.53	1	11/18/2010	CD	Wing Nut
32X63	32X63_37	1906366.38	463236.02	5.35	1	11/18/2010	CD	Nail
32X63	32X63_38	1906366.78	463215.48	5.02	1	11/18/2010		Flare Cap
32X63	32X63_39	1906369.14	463272.32	333.68	1	11/18/2010	NF	
32X63	32X63_40	1906370.97	463230.13	11.76	1	11/18/2010	CD	Nail
32X63	32X63_41	1906370.97	463238.41	9.38	1	11/18/2010	CD	Nail
32X63	32X63_42	1906373.73	463231.71	8.09	1	11/18/2010	CD	Nail
32X63	32X63_43	1906377.67	463242.35	16.95	1	11/18/2010	CD	Sheet Metal
32X64	32X64_1	1906402.49	463235.26	163.51	1	11/17/2010	CD	Alum
32X64	32X64_2	1906405.64	463244.32	5.10	1	11/17/2010	CD	Nail
32X64	32X64_3	1906443.47	463218.71	8.90	1	11/17/2010	NF	
33X58								No Targets
33X59								No Targets
33X61	33X61_1	1906100.69	463398.77	7.13	1	11/22/2010		Burn Pit
33X61	33X61_2	1906141.27	463332.97	5.65	1	11/22/2010		Burn Pit
33X61	33X61_3	1906142.84	463333.76	5.10	1	11/22/2010		Burn Pit
33X61	33X61_4	1906168.06	463399.55	9.38	1	11/22/2010		Burn Pit
33X61	33X61_5	1906190.91	463334.54	6.59	1	11/22/2010		Burn Pit
33X61	33X61_6	1906192.88	463332.97	11.81	1	11/22/2010		Burn Pit
33X62	33X62_1	1906205.49	463345.18	6.90	1	11/21/2010		Burn Pit
33X62	33X62_2	1906208.64	463320.36	11.13	1	11/21/2010		Burn Pit
33X62	33X62_3	1906210.22	463350.70	106.02	1	11/21/2010		Burn Pit
33X62	33X62_4	1906210.79	463342.47	5.44	1	11/21/2010		Burn Pit
33X62	33X62_5	1906211.69	463361.95	15.92	1	11/21/2010		Burn Pit
33X62	33X62_6	1906213.41	463330.58	187.31	1	11/21/2010		Burn Pit
33X62	33X62_7	1906213.68	463333.19	328.18	1	11/21/2010		Burn Pit
33X62	33X62_8	1906214.55	463336.51	263.83	1	11/21/2010		Burn Pit
33X62	33X62_9	1906214.95	463366.06	11.74	1	11/21/2010		Burn Pit
33X62	33X62_10	1906215.73	463358.58	112.09	1	11/21/2010		Burn Pit
33X62	33X62_11	1906218.00	463329.49	325.83	1	11/21/2010		Burn Pit
33X62	33X62_12	1906218.10	463307.75	19.41	1	11/21/2010		Burn Pit
33X62	33X62_13	1906218.27	463319.22	17.21	1	11/21/2010		Burn Pit
33X62	33X62_14	1906218.89	463322.72	199.48	1	11/21/2010		Burn Pit
33X62	33X62_15	1906219.67	463332.97	2500.87	1	11/21/2010		Burn Pit
33X62	33X62_16	1906220.86	463300.66	44.66	1	11/21/2010		Burn Pit
33X62	33X62_17	1906221.25	463348.33	132.96	1	11/21/2010		Burn Pit
33X62	33X62_18	1906222.04	463315.24	48.61	1	11/21/2010		Burn Pit
33X62	33X62_19	1906223.41	463327.24	330.87	1	11/21/2010		Burn Pit
33X62	33X62_20	1906223.41	463327.24	330.87	1	11/21/2010		Burn Pit
33X62	33X62_21	1906223.61	463315.63	59.35	1	11/21/2010		Burn Pit
33X62	33X62_22	1906224.80	463336.91	280.13	1	11/21/2010		Burn Pit
33X62	33X62_23	1906224.85	463363.93	5.02	1	11/21/2010		Burn Pit
33X62	33X62_24	1906225.58	463352.27	141.90	1	11/21/2010		Burn Pit

Subsurface Anomaly Investigation Results

Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
33X62	33X62_25	1906225.98	463366.46	10.94	1	11/21/2010		Burn Pit
33X62	33X62_26	1906226.37	463311.69	8.68	1	11/21/2010		Burn Pit
33X62	33X62_27	1906226.77	463331.39	688.84	1	11/21/2010		Burn Pit
33X62	33X62_28	1906228.01	463355.55	23.97	1	11/21/2010		Burn Pit
33X62	33X62_29	1906229.52	463320.36	23.11	1	11/21/2010		Burn Pit
33X62	33X62_30	1906231.10	463357.79	127.89	1	11/21/2010		Burn Pit
33X62	33X62_31	1906231.49	463342.42	64.57	1	11/21/2010		Burn Pit
33X62	33X62_32	1906231.49	463360.94	168.05	1	11/21/2010		Burn Pit
33X62	33X62_33	1906233.86	463375.52	18.57	1	11/21/2010		Burn Pit
33X62	33X62_34	1906234.25	463329.03	592.32	1	11/21/2010		Burn Pit
33X62	33X62_35	1906234.32	463357.89	132.19	1	11/21/2010		Burn Pit
33X62	33X62_36	1906234.65	463367.25	77.14	1	11/21/2010		Burn Pit
33X62	33X62_37	1906235.83	463331.00	549.10	1	11/21/2010		Burn Pit
33X62	33X62_38	1906235.83	463350.70	185.26	1	11/21/2010		Burn Pit
33X62	33X62_39	1906236.22	463364.09	25.33	1	11/21/2010		Burn Pit
33X62	33X62_40	1906236.30	463347.79	162.21	1	11/21/2010		Burn Pit
33X62	33X62_41	1906237.01	463337.30	40.27	1	11/21/2010		Burn Pit
33X62	33X62_42	1906237.38	463354.91	148.96	1	11/21/2010		Burn Pit
33X62	33X62_43	1906238.98	463358.97	2114.10	1	11/21/2010		Burn Pit
33X62	33X62_44	1906240.36	463324.08	45.90	1	11/21/2010		Burn Pit
33X62	33X62_45	1906240.36	463362.31	202.03	1	11/21/2010		Burn Pit
33X62	33X62_46	1906240.56	463315.63	5.30	1	11/21/2010		Burn Pit
33X62	33X62_47	1906240.56	463346.76	186.67	1	11/21/2010		Burn Pit
33X62	33X62_48	1906240.56	463370.40	109.60	1	11/21/2010		Burn Pit
33X62	33X62_49	1906240.72	463342.65	33.45	1	11/21/2010		Burn Pit
33X62	33X62_50	1906240.95	463358.18	2045.67	1	11/21/2010		Burn Pit
33X62	33X62_51	1906242.88	463342.02	20.73	1	11/21/2010		Burn Pit
33X62	33X62_52	1906243.31	463365.28	500.72	1	11/21/2010		Burn Pit
33X62	33X62_53	1906244.10	463334.94	174.74	1	11/21/2010		Burn Pit
33X62	33X62_54	1906245.68	463355.09	158.15	1	11/21/2010		Burn Pit
33X62	33X62_55	1906245.86	463329.13	35.91	1	11/21/2010		Burn Pit
33X62	33X62_56	1906247.25	463342.82	19.15	1	11/21/2010		Burn Pit
33X62	33X62_57	1906247.65	463319.57	7.69	1	11/21/2010		Burn Pit
33X62	33X62_58	1906248.20	463324.99	5.06	1	11/21/2010		Burn Pit
33X62	33X62_59	1906248.29	463358.61	167.84	1	11/21/2010		Burn Pit
33X62	33X62_60	1906248.44	463347.15	9.28	1	11/21/2010		Burn Pit
33X62	33X62_61	1906248.83	463355.03	383.44	1	11/21/2010		Burn Pit
33X62	33X62_62	1906250.00	463315.88	10.86	1	11/21/2010		Burn Pit
33X62	33X62_63	1906251.72	463329.85	14.22	1	11/21/2010		Burn Pit
33X62	33X62_64	1906252.26	463353.83	98.42	1	11/21/2010		Burn Pit
33X62	33X62_65	1906253.16	463319.22	20.73	1	11/21/2010		Burn Pit
33X62	33X62_66	1906253.16	463316.42	50.11	1	11/21/2010		Burn Pit
33X62	33X62_67	1906253.16	463347.94	59.28	1	11/21/2010		Burn Pit
33X62	33X62_68	1906255.14	463356.09	7.28	1	11/21/2010		Burn Pit
33X62	33X62_69	1906255.53	463315.24	46.37	1	11/21/2010		Burn Pit
33X62	33X62_70	1906255.53	463341.64	30.08	1	11/21/2010		Burn Pit
33X62	33X62_71	1906256.32	463327.45	22.76	1	11/21/2010		Burn Pit
33X62	33X62_72	1906256.32	463346.36	16.08	1	11/21/2010		Burn Pit
33X62	33X62_73	1906257.89	463334.15	50.78	1	11/21/2010		Burn Pit
33X62	33X62_74	1906258.29	463337.70	42.35	1	11/21/2010		Burn Pit
33X62	33X62_75	1906259.47	463347.55	20.38	1	11/21/2010		Burn Pit
33X62	33X62_76	1906260.82	463352.75	38.58	1	11/21/2010		Burn Pit
33X62	33X62_77	1906261.44	463321.15	132.47	1	11/21/2010		Burn Pit
33X62	33X62_78	1906261.83	463340.85	13.67	1	11/21/2010		Burn Pit
33X62	33X62_79	1906262.23	463324.69	62.66	1	11/21/2010		Burn Pit
33X62	33X62_80	1906262.62	463344.79	29.21	1	11/21/2010		Burn Pit
33X62	33X62_81	1906265.96	463349.14	96.03	1	11/21/2010		Burn Pit
33X62	33X62_82	1906266.05	463321.11	279.77	1	11/21/2010		Burn Pit
33X62	33X62_83	1906267.58	463313.90	28.31	1	11/21/2010		Burn Pit
33X62	33X62_84	1906268.53	463341.24	286.69	1	11/21/2010		Burn Pit
33X62	33X62_85	1906269.32	463312.09	31.89	1	11/21/2010		Burn Pit
33X62	33X62_86	1906269.66	463327.06	204.11	1	11/21/2010		Burn Pit
33X62	33X62_87	1906270.50	463321.54	8745.40	1	11/21/2010		Burn Pit
33X62	33X62_88	1906272.09	463316.42	209.55	1	11/21/2010		Burn Pit
33X62	33X62_89	1906274.25	463321.29	963.13	1	11/21/2010		Burn Pit
33X62	33X62_90	1906277.99	463313.66	6.59	1	11/21/2010		Burn Pit
33X62	33X62_91	1906278.85	463309.57	5.44	1	11/21/2010		Burn Pit
33X62	33X62_92	1906280.74	463312.48	13.36	1	11/21/2010		Burn Pit
33X62	33X62_93	1906282.32	463306.57	37.05	1	11/21/2010		Burn Pit
33X62	33X62_94	1906283.50	463303.81	34.31	1	11/21/2010		Burn Pit
33X62	33X62_95	1906285.47	463300.66	17.28	1	11/21/2010		Burn Pit
33X62	33X62_96	1906286.96	463304.70	7.56	1	11/21/2010		Burn Pit
33X62	33X62_97	1906287.84	463301.05	5.30	1	11/21/2010		Burn Pit
33X62	33X62_98	1906290.39	463322.19	3068.25	1	11/21/2010		Burn Pit

Subsurface Anomaly Investigation Results

Grid	Unique Traget ID	Easting Coord. (ft)	Northing Coord. (ft)	Amplitude (Ch2 mV)	Dig Class	Date	Anomaly type	Comments
33X62	33X62_99	1906291.02	463312.55	151.55	1	11/21/2010		Burn Pit
33X62	33X62_100	1906291.38	463320.75	3404.23	1	11/21/2010		Burn Pit
33X62	33X62_101	1906293.72	463327.24	237.11	1	11/21/2010		Burn Pit
33X62	33X62_102	1906295.72	463322.33	2376.06	1	11/21/2010		Burn Pit
33X62	33X62_103	1906298.68	463322.55	1509.94	1	11/21/2010		Burn Pit
33X62	33X62_104	1906299.40	463304.88	14.62	1	11/21/2010		Burn Pit
33X63	33X63_1	1906300.93	463315.22	486.71	1	11/18/2010		Burn Pit
33X63	33X63_2	1906302.02	463321.94	626.98	1	11/18/2010		Burn Pit
33X63	33X63_3	1906306.53	463312.10	9.09	1	11/18/2010		Burn Pit
33X63	33X63_4	1906310.69	463303.02	62.77	1	11/18/2010	CD	
33X63	33X63_5	1906313.84	463315.63	76.94	1	11/18/2010		Burn Pit
34X59								No Targets
34X60	34X60_1	1906014.01	463416.50	7.94	1	12/6/2010	CD	Staple
34X60	34X60_2	1906015.19	463419.65	6.91	1	12/6/2010	CD	Wire
34X60	34X60_3	1906056.00	463475.50	100.26	1	12/6/2010	CD	Wire
34X60	34X60_4	1906076.26	463488.60	7.42	1	12/6/2010	CD	Staple
34X60	34X60_5	1906087.29	463485.05	36.74	1	12/6/2010	CD	Wire/Nails
34X61	34X61_1	1906103.84	463451.96	16.05	1	11/22/2010	NF	
34X61	34X61_2	1906115.26	463457.47	6.27	1	11/22/2010	NF	
34X61	34X61_3	1906124.72	463420.44	103.91	1	11/22/2010	MD	Flare Cap
34X61	34X61_4	1906197.22	463405.07	73.16	1	11/22/2010	CD	Barbed Wire
34X62	34X62_1	1906200.37	463403.49	61.24	1	11/21/2010	CD	Wire
34X62	34X62_2	1906205.00	463400.34	45.61	1	11/21/2010	CD	Wire

APPENDIX E

DISPOSITION OF MEC AND MDAS

TerranearPMC

1100 Rhode Island NE
Albuquerque, NM 87110

To whom it may concern:

Date: 23 March 2011

The 11 MEC items found on Hanford are consolidated near Grid Point 21x60. Waiting to be destroyed and under the control of Dean Strom with WCH.

Consisting of two CMC and a 37 mm CS Rifle Grenade.

1. CMC 1.

   2ea blasting caps.

2. CMC 2.

   1ea 37 mm Practice Rifle Grenade
   1ea CS Grenade
   4 ea 12 mm Flares
   1 37 mm Flare

Frank Hack
SUXOS
Terranear
Hanford, WA

Dean Strom
PM WCH
Hanford, WA

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

DOCUMENT	RI FROM	M&S	UNIT	QUANTITY	SUPPLEMENTARY ADDRESS	SIG	FUND	DISTRIBUTION	PROJECT	PRI	RDD	ADD	ADV	RI	O/P	COND	MGT	UNIT PRICE		DOLLARS	CTS
																		DOLLARS	CTS		

1. TOTAL PRICE

2. SHIP FROM: Hanford Small Arms Range. Hanford , WA

3. SHIP TO: ERDF Hanford, WA

4. MARK FOR

5. DOC DATE	6. NMFC	7. FRT RATE	8. TYPE CARGO	9. PS
N/A	N/A	N/A	N/A	

10. QTY. REC'D	11. UP	12. UNIT WEIGHT	13. UNIT CUBE	14. UFC	15. SL
See 25 - 29		See 25 - 29	N/A	N/A	

16. FREIGHT CLASSIFICATION NOMENCLATURE

17. ITEM NOMENCLATURE: Small Arms & Various Scrap Metal (Munitions Debris), unfuzed inert ordna

18. TY CONT	19. NO CONT	20. TOTAL WEIGHT	21. TOTAL CUBE
N/A	N/A	4000lbs	

22. RECEIVED BY

23. DATE RECEIVED: 3-23-2011

24. DOCUMENT NUMBER & SUFFIX (30-44)

25. NATIONAL STOCK NO. & ADD (8-22)

26. RIC (4-6) UI (23-24) QTY (25-29) CON CODE (71) DIST (55-66) UP (74-80)

Various Munitions Debris

27. ADDITIONAL DATA

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

	23-3-2011		3-23-11		3-23-11	
Frank W Hack SENIOR UXO SUPERVISOR Terranear PMC (907)394-0889	Date	Jason V Kanski SITE QUALITY CONTROL OFFICER Terranear PMC (859) 815-0970	Date	Dean Strom WCH PM Hanford (509) 430-1770	Date	

PREVIOUS EDITION MAY BE USED

PerFORM (DLA)

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

DOCUMENT	RI FROM	M&S	UNIT	QUANTITY	SUPPLEMENTARY ADDRESS	STG	FUND	DISTRIBUTION	PROJECT	PRI	REQD	DEALT	ADV	RI	O/P	COND	MGT

UNIT PRICE DOLLARS	UNIT PRICE CTS	DOLLARS	CTS

1. TOTAL PRICE

2. SHIP FROM: Hanford Small Arms Range. Hanford , WA

3. SHIP TO: ERDF Hanford, WA

4. MARK FOR

5. DOC DATE	6. NMFC	7. FRT RATE	8. TYPE CARGO	9. PS
N/A	N/A	N/A	N/A	

10. QTY. REC'D	11.UP	12. UNIT WEIGHT	13. UNIT CUBE	14. UFC	15. SL
See 25 - 29		See 25 - 29	N/A	N/A	

16. FREIGHT CLASSIFICATION NOMENCLATURE

17. ITEM NOMENCLATURE: Small Arms & Various Scrap Metal (Munitions Debris), unfuzed inert ordn

18. TY CONT	19. NO CONT	20. TOTAL WEIGHT	21. TOTAL CUBE
N/A	N/A	4000lbs	

22. RECEIVED BY

23. DATE RECEIVED: 3-23-2011

24. DOCUMENT NUMBER & SUFFIX (30-44)

25. NATIONAL STOCK NO. & ADD (8-22)

26. RIC (4-6) UI (23-24) QTY (25-29) CON CODE (71) DIST (55-56) UP (74-80)

27. ADDITIONAL DATA

Various Munitions Debris

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

Frank W Hack	3-23-2011	Jason V Kanski	3-23-11	Dean Strom	3-23-11
SENIOR UXO SUPERVISOR	Date	SITE QUALITY CONTROL OFFICER	Date	WCH PM	Date
Terranear PMC		Terranear PMC		Hanford	
(907)394-0889		(859) 815-0970		(509) 430-1770	

PREVIOUS EDITION MAY BE USED

PerFORM (DLA)

DRAWING NO.	REV. NO.
0600X-DD-C0803	0

PT #	NORTHING	EASTING	ELEVATION	CODE	REMARKS
2190	465976.80	1905505.23	432.92	CK	GPS CONTROL CHECK
2191	462689.05	1905672.67	422.57	EC1	CONCRETE PAD EDGE
2192	462686.13	1905670.46	422.58	EC1	CONCRETE PAD EDGE
2193	462691.30	1905663.78	422.58	EC1	CONCRETE PAD EDGE
2194	462694.16	1905666.12	422.55	EC1	CONCRETE PAD EDGE
2195	462672.77	1905687.27	422.47	EC2	CONCRETE PAD EDGE
2196	462667.49	1905693.90	422.49	EC2	CONCRETE PAD EDGE
2197	462670.42	1905696.19	422.48	EC2	CONCRETE PAD EDGE
2198	462675.70	1905689.61	422.45	EC2	CONCRETE PAD EDGE
2199	462656.70	1905713.54	422.53	EC3	CONCRETE PAD EDGE
2200	462651.65	1905719.67	422.48	EC3	CONCRETE PAD EDGE
2201	462648.82	1905717.37	422.51	EC3	CONCRETE PAD EDGE
2202	462654.02	1905710.81	422.54	EC3	CONCRETE PAD EDGE
2203	462635.45	1905734.28	422.45	EC4	CONCRETE PAD EDGE
2204	462638.29	1905736.67	422.44	EC4	CONCRETE PAD EDGE
2205	462633.12	1905743.23	422.46	EC4	CONCRETE PAD EDGE
2206	462629.60	1905740.89	422.46	EC4	CONCRETE PAD EDGE
2207	462611.93	1905763.84	422.52	EC5	CONCRETE PAD EDGE
2208	462614.41	1905766.59	422.52	EC5	CONCRETE PAD EDGE
2209	462619.60	1905760.01	422.57	EC5	CONCRETE PAD EDGE
2210	462616.68	1905757.79	422.57	EC5	CONCRETE PAD EDGE
2211	462598.08	1905781.23	422.45	EC6	CONCRETE PAD EDGE
2212	462601.17	1905783.71	422.46	EC6	CONCRETE PAD EDGE
2213	462595.73	1905790.24	422.47	EC6	CONCRETE PAD EDGE
2214	462592.72	1905787.84	422.45	EC6	CONCRETE PAD EDGE
2215	462539.70	1905738.94	422.53	ANGLE IRON	PART OF TARGET ASSEMBLY BASE
2216	462541.02	1905737.34	422.52	ANGLE IRON	PART OF TARGET ASSEMBLY BASE
2217	462557.72	1905715.72	422.45	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2218	462558.07	1905716.21	422.44	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2219	462558.99	1905715.44	422.44	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2220	462558.13	1905715.02	422.48	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2221	462595.34	1905669.54	422.35	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2222	462597.92	1905666.49	422.33	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2223	462596.57	1905665.38	422.37	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2224	462594.20	1905668.51	422.32	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2225	462615.86	1905643.98	422.47	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2226	462615.03	1905643.36	422.46	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2227	462615.56	1905642.45	422.45	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2228	462616.52	1905643.24	422.47	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2229	462632.14	1905621.81	422.50	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2230	462632.68	1905621.00	422.51	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2231	462633.65	1905621.58	422.51	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2232	462632.85	1905622.60	422.50	METAL PLATE	PART OF TARGET ASSEMBLY BASE
2233	462584.93	1905589.72	423.86	DEEP ANOMALY	BACKFILL FOR CANAL CROSSING
2234	462744.87	1905717.03	422.54	EC7	CONCRETE PAD EDGE
2235	462750.03	1905710.46	422.52	EC7	CONCRETE PAD EDGE
2236	462753.08	1905712.70	422.47	EC7	CONCRETE PAD EDGE
2237	462747.81	1905719.41	422.47	EC7	CONCRETE PAD EDGE
2238	462734.36	1905736.24	422.51	EC8	CONCRETE PAD EDGE
2239	462731.52	1905733.86	422.47	EC8	CONCRETE PAD EDGE
2240	462725.96	1905740.76	422.51	EC8	CONCRETE PAD EDGE
2241	462729.13	1905742.81	422.60	EC8	CONCRETE PAD EDGE
2242	462715.63	1905759.77	422.53	EC9	CONCRETE PAD EDGE
2243	462712.73	1905757.29	422.44	EC9	CONCRETE PAD EDGE
2244	462707.55	1905764.09	422.51	EC9	CONCRETE PAD EDGE
2245	462710.53	1905766.36	422.53	EC9	CONCRETE PAD EDGE
2246	462697.06	1905783.23	422.52	EC10	CONCRETE PAD EDGE
2247	462694.17	1905781.02	422.52	EC10	CONCRETE PAD EDGE
2248	462688.96	1905787.47	422.52	EC10	CONCRETE PAD EDGE
2249	462691.88	1905789.72	422.54	EC10	CONCRETE PAD EDGE
2250	462678.38	1905807.07	422.66	EC11	CONCRETE PAD EDGE
2251	462675.51	1905804.48	422.65	EC11	CONCRETE PAD EDGE
2252	462670.27	1905811.02	422.62	EC11	CONCRETE PAD EDGE
2253	462673.14	1905813.27	422.66	EC11	CONCRETE PAD EDGE
2254	462659.82	1905830.87	422.56	EC12	CONCRETE PAD EDGE
2255	462656.84	1905828.00	422.61	EC12	CONCRETE PAD EDGE
2256	462651.66	1905834.58	422.57	EC12	CONCRETE PAD EDGE
2257	462654.33	1905836.66	422.56	EC12	CONCRETE PAD EDGE
2258	462717.93	1905843.66	422.43	DEBRIS WOOD PILE	CENTER MASS OF DEBRIS PILE
2259	462539.53	1906027.07	419.36	DEBRIS CONC	CENTER MASS OF DEBRIS PILE
2260	462504.91	1906046.49	419.06	EC13	CONCRETE PAD EDGE
2261	462499.57	1906053.28	419.08	EC13	CONCRETE PAD EDGE
2262	462494.01	1906054.40	419.03	EC13	CONCRETE PAD EDGE
2263	462497.03	1906056.55	418.89	EC13	CONCRETE PAD EDGE
2264	462502.01	1906043.89	419.07	EC13	CONCRETE PAD EDGE
2265	462548.39	1905969.61	419.40	DEBRIS WOOD PILE	CENTER MASS OF DEBRIS PILE
2266	462447.66	1905894.15	420.26	EC20	CONCRETE PAD EDGE
2267	462444.82	1905893.77	420.36	EC20	CONCRETE PAD EDGE
2268	462445.22	1905891.36	420.23	EC20	CONCRETE PAD EDGE
2269	462447.98	1905892.07	420.10	EC20	CONCRETE PAD EDGE
2270	462402.21	1905886.36	420.21	EC21	CONCRETE PAD EDGE
2271	462399.41	1905886.24	420.30	EC21	CONCRETE PAD EDGE
2272	462400.03	1905884.28	420.04	EC21	CONCRETE PAD EDGE

PT #	NORTHING	EASTING	ELEVATION	CODE	REMARKS
2273	462402.59	1905884.28	420.10	EC21	CONCRETE PAD EDGE
2274	462417.87	1905920.18	419.47	DEBRIS CONC	CONCRETE BASE BLOCK
2275	462330.34	1905868.44	424.61	DEBRIS CONC	CONCRETE BASE BLOCKS
2276	462303.52	1905932.97	422.13	DEBRIS CONC	CONCRETE BASE BLOCK
2277	462314.60	1905960.47	421.07	DEBRIS WOOD PILE	CENTER MASS OF DEBRIS PILE
2278	462356.92	1905965.40	419.62	DEBRIS WOOD PILE	CENTER MASS OF DEBRIS PILE
2279	462358.51	1905961.62	419.81	DEBRIS CONC	CONCRETE BASE BLOCK
2280	462275.33	1906037.75	420.96	EC22	CONCRETE PAD EDGE
2281	462277.56	1906037.78	420.88	EC22	CONCRETE PAD EDGE
2282	462277.22	1906039.81	420.98	EC22	CONCRETE PAD EDGE
2283	462275.31	1906039.81	421.00	EC22	CONCRETE PAD EDGE
2284	462128.63	1906056.73	426.78	COLLECTION	PTBOX LOCATION
2285	462065.89	1906192.67	425.17	DEBRIS BWIRE REM	WIRE REMAINS RUNNING AT OR JUST BELOW GRADE
2286	462072.66	1906196.05	422.62	DEBRIS BWIRE REM	WIRE REMAINS RUNNING AT OR JUST BELOW GRADE
2287	462171.93	1906206.83	417.52	ANOMALY	
2288	462328.39	1906312.98	417.16	DEBRIS	REBAR1
2289	462346.19	1906260.87	417.44	DEBRIS	PIPE
2290	462352.88	1906251.48	417.58	DEBRIS	PIPE
2291	462381.53	1906249.59	418.57	DEBRIS REBAR	IRON REBAR SURVEY CONTROL POINT
2292	462392.51	1906213.05	418.70	EXZ1	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2293	462402.05	1906202.36	418.65	EXZ1	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2294	462387.22	1906186.03	418.74	EXZ1	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2295	462374.94	1906198.64	418.56	EXZ1	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2296	461964.78	1906295.52	425.57	DEBRIS	CONC\REBAR
2297	461979.53	1906278.46	425.58	DEBRIS	CONC\REBAR
2298	461987.58	1906263.62	426.32	DEBRIS	CONC\REBAR
2299	461993.93	1906257.08	426.77	DEBRIS	CONC\REBAR
2300	461997.95	1906252.51	425.53	DEBRIS	CONC\REBAR
2301	462061.26	1906638.04	416.01	DEBRIS	WOODPILE
2302	462074.14	1906637.54	416.15	DEEP ANOMALY	
2303	462069.17	1906593.03	415.79	DEEP ANOMALY	BARRELS
2304	462128.38	1906641.72	416.49	EXZ2	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2305	462132.68	1906642.26	416.51	EXZ2	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2306	462131.96	1906654.71	416.53	EXZ2	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2307	462127.99	1906654.14	416.60	EXZ2	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2308	462125.26	1906666.39	416.09	DEBRIS	TIMBERPILE
2309	462144.73	1906721.79	416.20	EXZ3	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2310	462147.63	1906731.07	416.00	EXZ3	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2311	462179.68	1906704.77	416.48	EXZ3	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2312	462175.41	1906694.82	416.70	EXZ3	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2313	462207.20	1906667.61	416.02	EXZ4	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2314	462208.96	1906668.80	416.14	EXZ4	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2315	462214.56	1906658.51	416.11	EXZ4	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2316	462213.14	1906656.68	415.91	EXZ4	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2317	462203.89	1906648.87	416.08	DEBRIS	CONC PILE
2318	462252.54	1906651.29	416.26	EXZ5	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2319	462260.45	1906654.66	416.55	EXZ5	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2320	462261.52	1906652.45	416.58	EXZ5	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2321	462254.25	1906649.19	416.58	EXZ5	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2322	462259.90	1906591.56	417.50	EXZ6	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2323	462266.11	1906596.94	417.05	EXZ6	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2324	462271.94	1906588.45	417.67	EXZ6	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2325	462268.47	1906603.64	417.38	WELL 57-29A	
2326	462267.05	1906608.31	417.57	EC30	CONCRETE PAD EDGE
2327	462271.33	1906603.00	417.67	EC30	CONCRETE PAD EDGE
2328	462264.40	1906597.69	417.50	EC30	CONCRETE PAD EDGE
2329	462260.34	1906603.08	417.52	EC30	CONCRETE PAD EDGE
2330	462282.40	1906617.89	417.45	WELL 57-29B	
2331	462273.58	1906600.26	417.78	DEBRIS	CONC-NAILS
2332	462286.42	1906581.52	417.17	DEBRIS	MIXED
2333	462326.79	1906640.46	416.69	DEBRIS	CONC
2334	462368.59	1906690.93	415.89	DEBRIS	CONC
2335	463090.97	1905653.52	424.21	DEBRIS BWIRE REM	WIRE REMAINS RUNNING AT OR JUST BELOW GRADE
2336	463097.24	1905659.09	424.15	DEBRIS BWIRE REM	WIRE REMAINS RUNNING AT OR JUST BELOW GRADE
2337	463117.27	1905680.54	423.51	DEBRIS BWIRE REM	WIRE REMAINS RUNNING AT OR JUST BELOW GRADE
2338	463124.19	1905686.45	423.79	DEBRIS BWIRE REM	WIRE REMAINS RUNNING AT OR JUST BELOW GRADE
2339	463129.27	1905692.57	424.38	DEBRIS BWIRE REM	WIRE REMAINS RUNNING AT OR JUST BELOW GRADE
2340	463134.64	1905697.54	424.40	DEBRIS BWIRE REM	WIRE REMAINS RUNNING AT OR JUST BELOW GRADE
2341	463303.61	1905866.53	427.63	DEBRIS WIRE PILE	FENCE WIRE PILE
2342	463279.78	1906192.53	414.66	EXZ7	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2343	463333.33	1906205.96	415.48	EXZ7	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2344	463373.53	1906244.79	414.57	EXZ7	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2345	463367.06	1906291.41	416.41	EXZ7	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2346	463349.67	1906322.20	419.16	EXZ7	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2347	463315.86	1906329.46	418.80	EXZ7	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2348	463280.25	1906296.76	416.17	EXZ7	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2349	463260.31	1906256.00	415.52	EXZ7	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)
2350	463256.76	1906222.68	415.51	EXZ7	EXCLUSION ZONE BOUNDARY FENCE (INTERIOR NOT SURVEYED)

NOTES

1. THIS SURVEY WAS PERFORMED MARCH 21, 2011. SITE CONTROL SET USING TRIMBLE 5700 GPS RECEIVERS, TOPOGRAPHIC INFORMATION COLLECTED USING LEICA TPS TOTAL STATION THEODOLITE AND RANGER TDS DATA COLLECTOR.
2. COORDINATES ARE RELATIVE TO NAD 83/91, WASHINGTON SOUTH ZONE.
3. ELEVATIONS ARE RELATIVE TO NAVD 88 DATUM ORIGINATING FROM MONUMENT HSWB 010. (ELEVATION=416.87)
4. ALL UNITS ARE IN FEET.

WASHINGTON CLOSURE HANFORD — JOB NO 14655
SUPPLIER/SUBCONTRACTOR DOCUMENT STATUS STAMP
7-11-11
DOCUMENT NUMBER: C011635A00-05-001E-021

RECEIVED
JUL 07 2011
WCH - DOCUMENT CONTROL

DOCUMENT CONTROL akb 7.13.11

SURVEYOR'S CERTIFICATION

I, JOHN A. BAALMAN, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF WASHINGTON, REG.# 21384, HEREBY CERTIFY THAT THIS MAP CORRECTLY REPRESENTS A SURVEY CONDUCTED UNDER MY SUPERVISION IN MARCH 2011.

JOHN A. BAALMAN — PROFESSIONAL LAND SURVEYOR — 21384

6/30/11
DATE

River Corridor Closure Contract
Dedicated To Safety Excellence

REV.	DATE	DESCRIPTION	DRAWN BY	DRAFT CH'K	ORIG/ENG'R	ENG'R CH'K	SYS ENG'R	PROJ MGR
0	7/5/11	ISSUED AS-BUILT	DST	ACP	N/A	WW	KA	JLC

SCALE: AS SHOWN

U.S. DEPARTMENT OF ENERGY
DOE RICHLAND OPERATIONS OFFICE
RIVER CORRIDOR CLOSURE CONTRACT

WASHINGTON CLOSURE HANFORD LLC.
RICHLAND, WASHINGTON

TERRANEARPMC, LLC
RICHLAND, WASHINGTON

600-149 SITE
FORMER PISTOL RANGE
POST REMEDIATION FEATURE TABLE

WCH JOB NO.	DOE CONTRACT NO.	CADD FILENAME
14655	DE-AC06-05RL-14655	6XDC0803.DWG

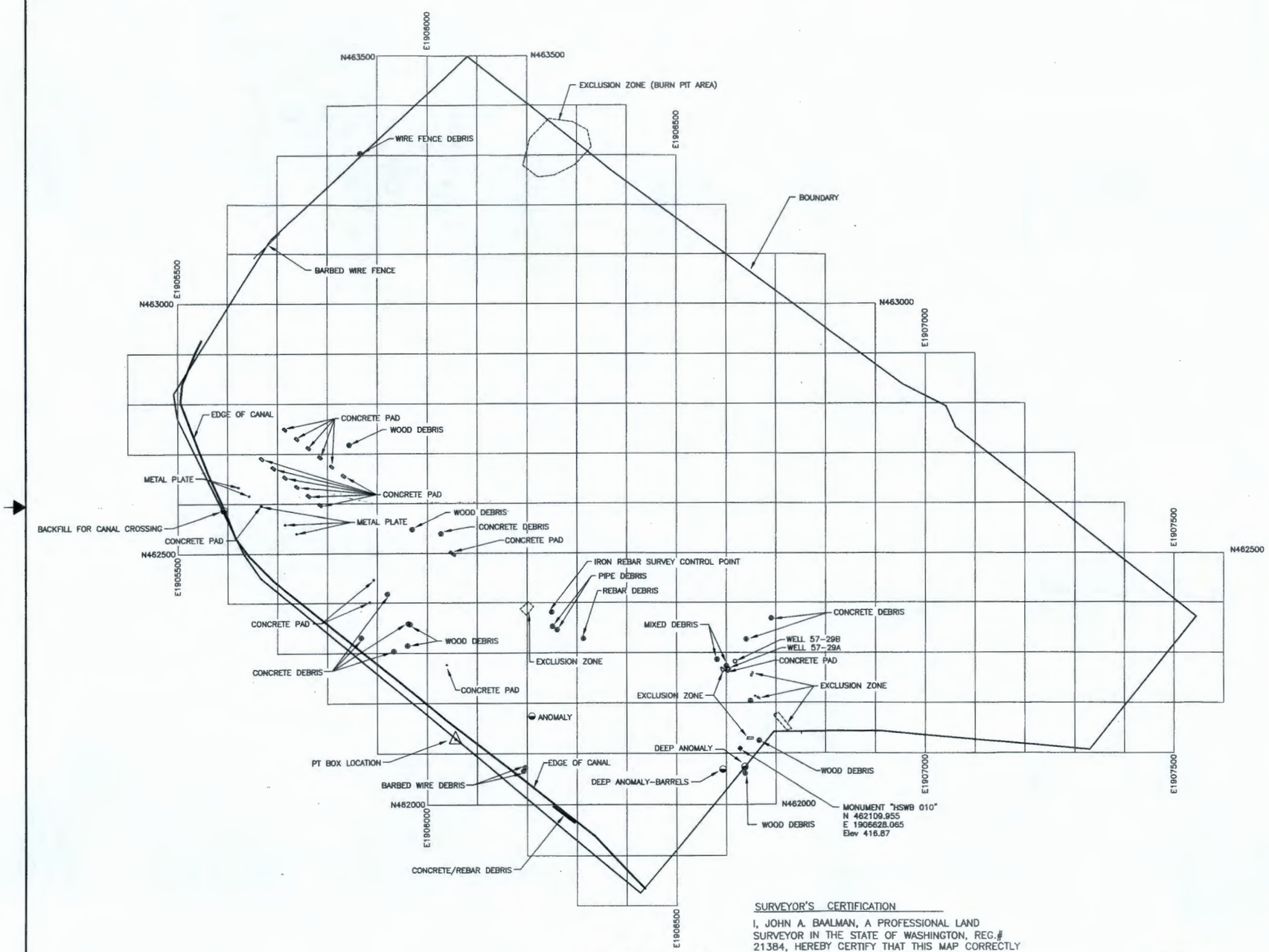
TASK	DRAWING NO.	REV. NO.
600X	0600X-DD-C0803	0

RECORD INFORMATION

RECORD NO.	BLDG NO.	INDEX NO.
H-6-17477 SHT01	600X	0111

A1_WCHL_OFF.DWG 09/05

DRAWING NO.	REV. NO.
0600X-DD-C0804	0



NOTES

1. THIS SURVEY WAS PERFORMED MARCH 21, 2011. SITE CONTROL SET USING TRIMBLE 5700 GPS RECEIVERS, TOPOGRAPHIC INFORMATION COLLECTED USING LEICA TPS TOTAL STATION THEODOLITE AND RANGER TDS DATA COLLECTOR.
2. COORDINATES ARE RELATIVE TO NAD 83/91, WASHINGTON SOUTH ZONE.
3. ELEVATIONS ARE RELATIVE TO NAVD 88 DATUM ORIGINATING FROM MONUMENT HSWB 010. (ELEVATION=416.87)
4. GRID LINES ARE AT 100' INTERVALS.
5. ALL UNITS ARE IN FEET.
6. SEE DRAWING 0600X-DD-C0803 FOR THE POST REMEDIATION FEATURE TABLE.
7. SEE NARRATIVE BELOW.

WASHINGTON CLOSURE HANFORD — JOB NO 14655
SUPPLIER/SUBCONTRACTOR DOCUMENT STATUS STAMP
1. ☒ Work may proceed.
2. ☐ Revise and resubmit. Work may proceed prior to incorporation.
3. ☐ Revise and resubmit. Work may proceed prior to incorporation subject to resolution of indicated comments.
4. ☐ Revise and resubmit. Work may not proceed.
5. ☐ Permission to proceed not required.
Permission to proceed does not constitute acceptance or approval of design details, calculations, analyses, test methods, or materials developed or selected by the supplier/subcontractor and does not relieve supplier/subcontractor from full compliance with contractual obligations or release any "holds" placed on the contract.
7-11-11
DOCUMENT CONTROL
C0115360 — 05-DDME-030
BORO NO. — SERV TYPE — SUBMITTAL

RECEIVED
JUL 07 2011
WCH - DOCUMENT CONTROL

DOCUMENT CONTROL Akb 7-13-11

SURVEYOR'S NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO DOCUMENT THE LOCATION OF DEBRIS PILES, ANOMALIES AND OTHER SITE FEATURES AT THE CONCLUSION OF REMEDIATION ACTIVITIES.

SURVEYOR'S CERTIFICATION

I, JOHN A. BAALMAN, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF WASHINGTON, REG.# 21384, HEREBY CERTIFY THAT THIS MAP CORRECTLY REPRESENTS A SURVEY CONDUCTED UNDER MY SUPERVISION IN MARCH 2011.

JOHN A. BAALMAN — STATE OF WASHINGTON — 21384 — REGISTERED PROFESSIONAL LAND SURVEYOR

6/30/11
DATE

SCALE 1:4000
40 0 40 80 160 FEET

RECORD INFORMATION

RECORD NO.	BLDG NO.	INDEX NO.
H-6-17478 SHT01	600X	0111

REV.	DATE	DESCRIPTION	DRAWN BY	DRAFT CH'K	DWG/ ENG'R	ENG'R CH'K	SYS ENG'R	PROJ MGR
0	7/5/11	ISSUED AS-BUILT	DST	RLF	RLG	DJJ	NA	JLC

SCALE: AS SHOWN

U.S. DEPARTMENT OF ENERGY
DOE RICHLAND OPERATIONS OFFICE
RIVER CORRIDOR CLOSURE CONTRACT

WASHINGTON CLOSURE HANFORD LLC. RICHLAND, WASHINGTON

TERRANEARPMC, LLC RICHLAND, WASHINGTON

600-149 SITE
FORMER PISTOL RANGE
POST REMEDIATION FEATURE MAP

WCH JOB NO.	DOE CONTRACT NO.	CADD FILENAME
14655	DE-AC06-05RL-14655	6XDC0804.DWG

TASK	DRAWING NO.	REV. NO.
600X	0600X-DD-C0804	0

River Corridor Closure Contract — Dedicated To Safety Excellence