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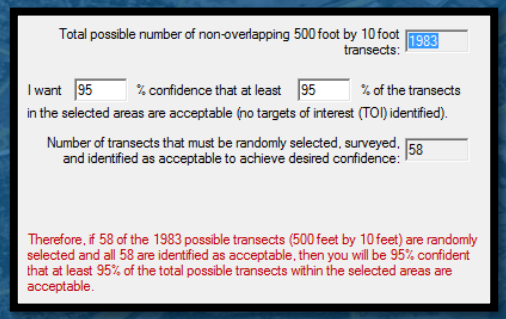
US Army Corps of Engineers ®

Former Raritan Arsenal
Discussion of Statistics-Based Transect Sampling within Dredge Spoils Areas



Presentation to New Jersey Department of Environmental Protection – September 05, 2013

Remedial Investigation/Feasibility Study (RI/FS)

Former Raritan Arsenal

Edison, New Jersey

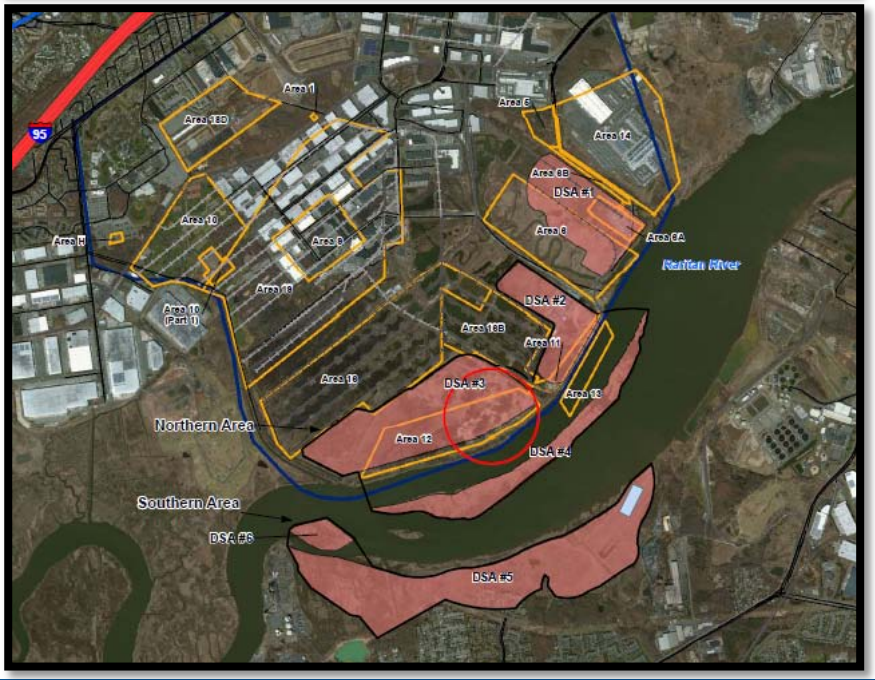
Contract # W912DY-09-D-0060, Task Order 003

Purpose

- During presentation of the Remedial Investigation approach to NJDEP in August 2013 - a question was raised on the logic behind the transect spacing for the Dredge Spoil Areas.
- The intent of this presentation is to answer that question.

Dredge Spoil Areas

- The conceptual site model for the DSAs assumes:
  - Discarded Military Munitions (DMM) were and/or are present in river sediments adjacent to the former Arsenal as a result of historical activities during the operating history of the Raritan Arsenal.
  - Until approximately 1956 sediments were dredged from the river channel adjacent to the former Arsenal and deposited as fill in the areas adjacent to and on the former Arsenal.
  - As such, DMM contained within these river sediments is now present with an unknown distribution in areas referred to as the Dredge Spoil Areas (DSAs).



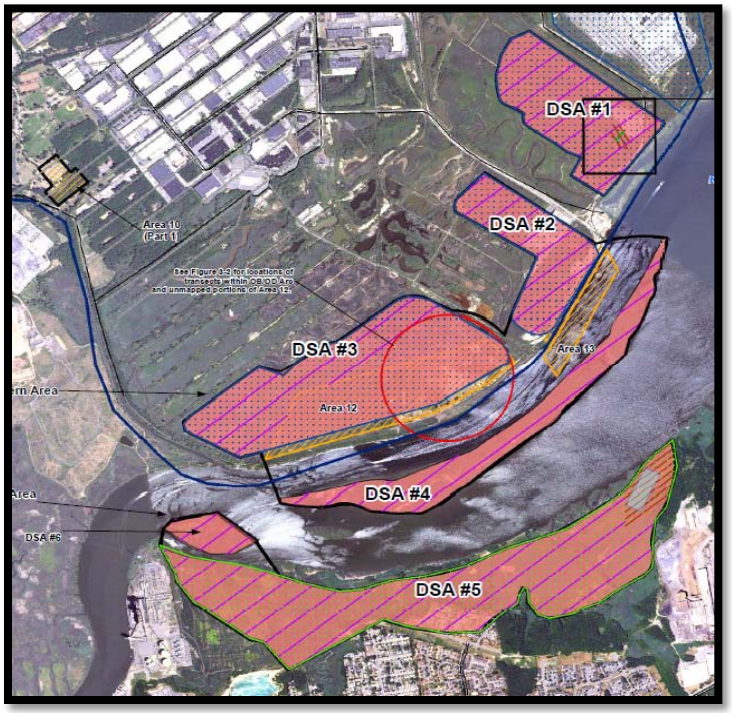
Statistical Sampling Survey Design

- Design of Statistical Sampling Approach for DSAs is based on Multi-stage Sampling Technique, with the incorporation of both Systematic Sampling and Simple Random Sampling at the various stages
  - **Multi-stage Sampling**
    - Multistage sampling refers to sampling plans where the sampling is carried out in stages using smaller and smaller sampling units at each stage. Larger groupings are further subdivided into smaller, more targeted groupings for the purposes of surveying
    - One may use any probability sampling unit at any stage, and these methods may differ between stages
  - **Systematic Sampling**
    - Statistical method involving the selection of elements from an ordered set of units
    - Sampling starts by selecting a unit from the list at random and then every n^{th} unit is selected
    - Each unit in the population has a known and equal probability of being selected
  - **Simple Random Sampling**
    - A simple random sample of size n is produced by a scheme which ensures that each subgroup of the population of size n has an equal probability of being chosen as the sample. Each unit in the population has a known and equal probability of being selected

References: http://betterevaluation.org/evaluation-options/multistage, http://www.math.montana.edu/~parker/PattersonStats/Twostage.pdf
http://www.ma.utexas.edu/users/parker/sampling/srs.htm

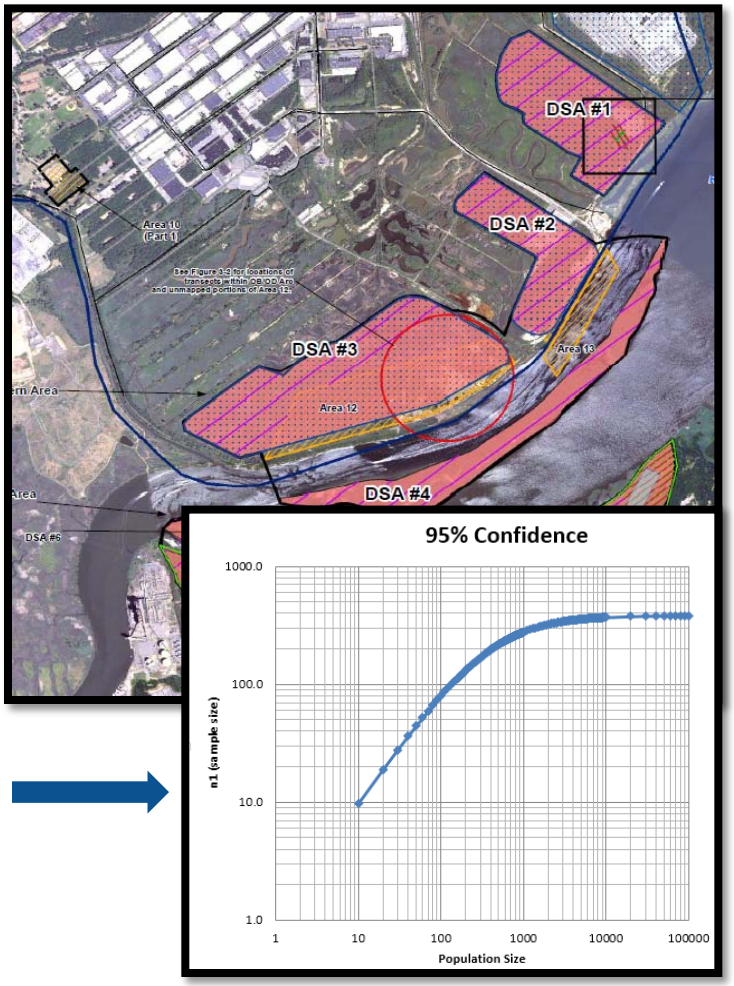
Statistical Sampling Survey Design (cont.)

- Site (Primary Sampling Unit)
  - Each DSA is evaluated as an individual site
- First Stage
  - Site is divided into transects through Systematic Random Sampling method
  - Sampling designed to achieve 95% confidence that at least 95% of the remainder of the site has no DMM in them. (This may not ultimately be the case, but the design is such that if the site has very little DMM it will be demonstrated to a high confidence.)
  - Transects are surveyed (DGM) to establish units (anomalies) for 2nd stage sampling
- Second Stage
  - Simple Random Sampling (using Estimating a Proportion statistical technique) is used to select 2nd stage sampling units for investigation for 95% confidence in nature of anomaly sources within population



Fieldwork Approach

- The proposed approach is to:
  - Sub-divide each individual DSA in similar fashion (i.e. ~same quantity of transects that comprise each area)
  - Determine quantity of transects needed to be surveyed in each area to achieve 95/95 statistical confidence in determining whether DMM is present
  - Use Systematic Random Sampling method to distribute evenly spaced transects to achieve total calculated transect length
    - Oversample by at least 25% to increase confidence in results
    - In addition to achieving statistical confidence in presence/absence of DMM, this approach provides wide area assessment level coverage to identify any unknown areas of DMM clustering
    - Any identified areas will be investigated with follow-on, closer spaced transect surveys similar to those being performed in the previously identified pits in DSA1 and DSA5
  - Perform DGM surveys along transects
  - Use Simple Random Sampling to select geophysical anomalies for investigation to establish the nature of their sources to 95% confidence



Fieldwork Approach (Cont.)

- Table below shows calculations made assuming 10ft (3m) wide towed array.
  - Note: transect lengths (and thus total acreage percentages) may differ for some areas if different width system needs to be used because of access issues; however, statistical significance will remain the same.

DSA	Total Area (Acres)	Transect Length (ft)	Total Transects in Area	Surveyed Transect Length (ft)	Area Required to be Covered for 95/95 with 10 ft wide coil (acres)	Area Needed to be Covered (%) for 95/95	ACTUAL PLANNED FOR SURVEY (ft)	Increase in Sampling from Required	Planned Area to be Covered (acres)	Planned Area to be Covered (%)
1	89	150	2590	8700	2	2.2%	11611	33%	2.67	3.0%
2	64	110	2530	6380	1.46	2.3%	8102	27%	1.92	3.0%
3	168	300	2443	17400	4	2.4%	21746	25%	5.04	3.0%
4	79	135	2544	7830	1.8	2.3%	10135	29%	2.37	3.0%
5	228	400	2479	23200	5.32	2.3%	28995	25%	6.84	3.0%
6	15.5	27	2509	1566	0.36	2.3%	2034	30%	0.47	3.0%

Additional Slides Showing VSP Calculations and Transect Coverage by Dredge Spoils Area

DSA #1 – Transect Design

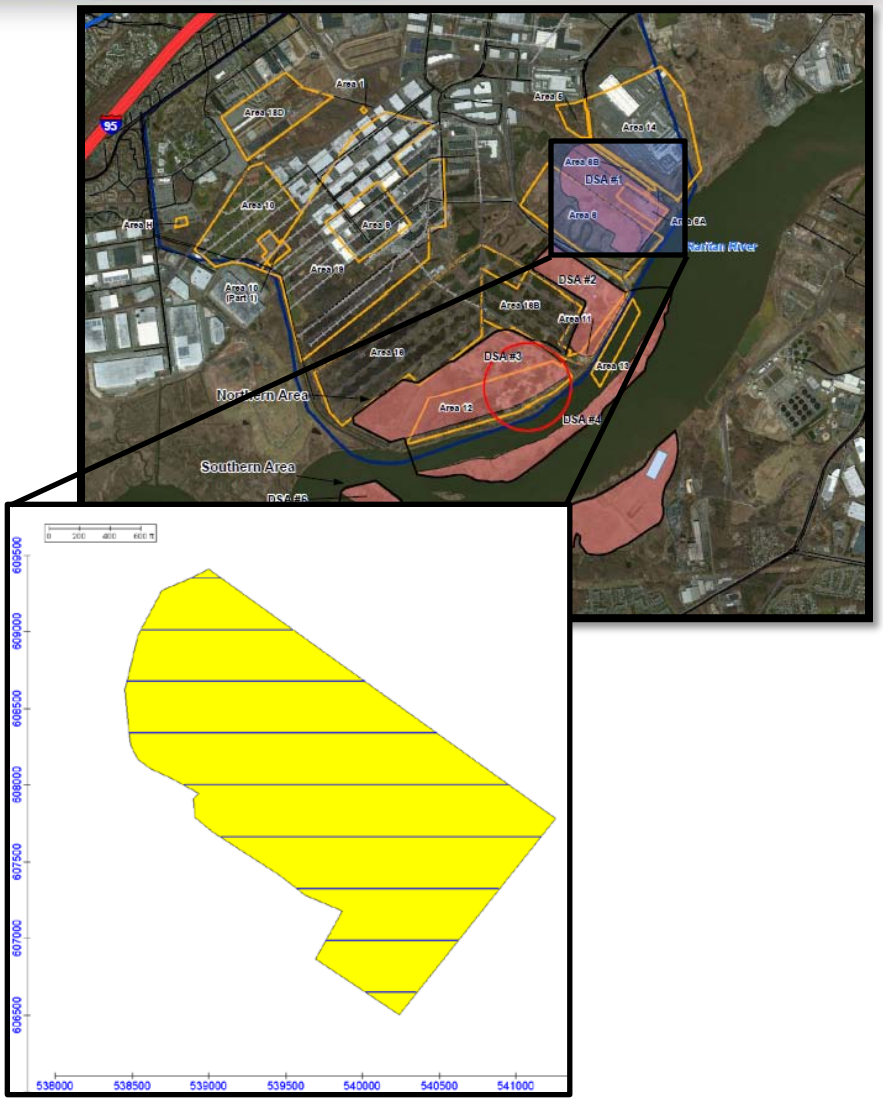
- To achieve 95/95 confidence, a total of 8,700ft (58 transect segments of 150ft combined) are needed at DSA #1
- Sampling will be performed on 11,611 ft (using 328ft [100m] separation) to oversample (resulting in 33% additional transect segments for increased confidence)

Total possible number of non-overlapping 150 foot by 10 foot transects: 2590

I want 95 % confidence that at least 95 % of the transects in the selected areas are acceptable (no targets of interest (TOI) identified).

Number of transects that must be randomly selected, surveyed, and identified as acceptable to achieve desired confidence: 58

Therefore, if 58 of the 2590 possible transects (150 feet by 10 feet) are randomly selected and all 58 are identified as acceptable, then you will be 95% confident that at least 95% of the total possible transects within the selected areas are acceptable.



DSA #2 – Transect Design

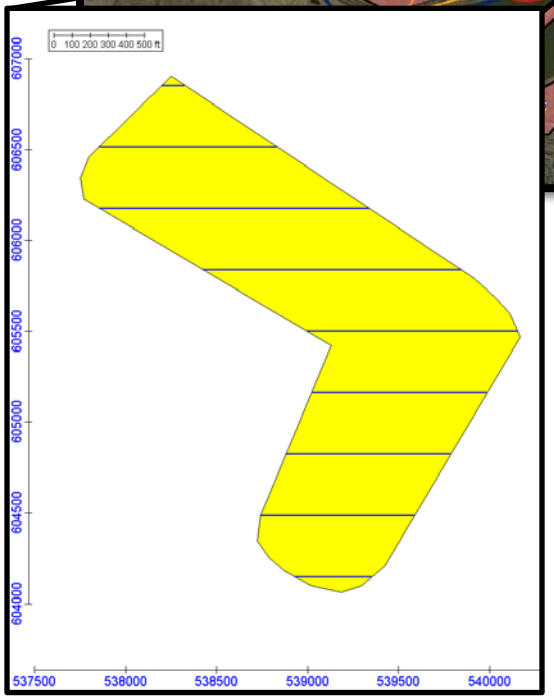
- To achieve 95/95 confidence, a total of 6,380ft (58 transect segments of 110ft combined) are needed at DSA #2
- Sampling will be performed on 8,102 ft (using 328ft [100m] separation) to oversample (resulting in 27% additional transect segments for increased confidence)

Total possible number of non-overlapping 110 foot by 10 foot transects: 2530

I want 95 % confidence that at least 95 % of the transects in the selected areas are acceptable (no targets of interest (TOI) identified).

Number of transects that must be randomly selected, surveyed, and identified as acceptable to achieve desired confidence: 58

Therefore, if 58 of the 2530 possible transects (110 feet by 10 feet) are randomly selected and all 58 are identified as acceptable, then you will be 95% confident that at least 95% of the total possible transects within the selected areas are acceptable.



DSA #3 – Transect Design

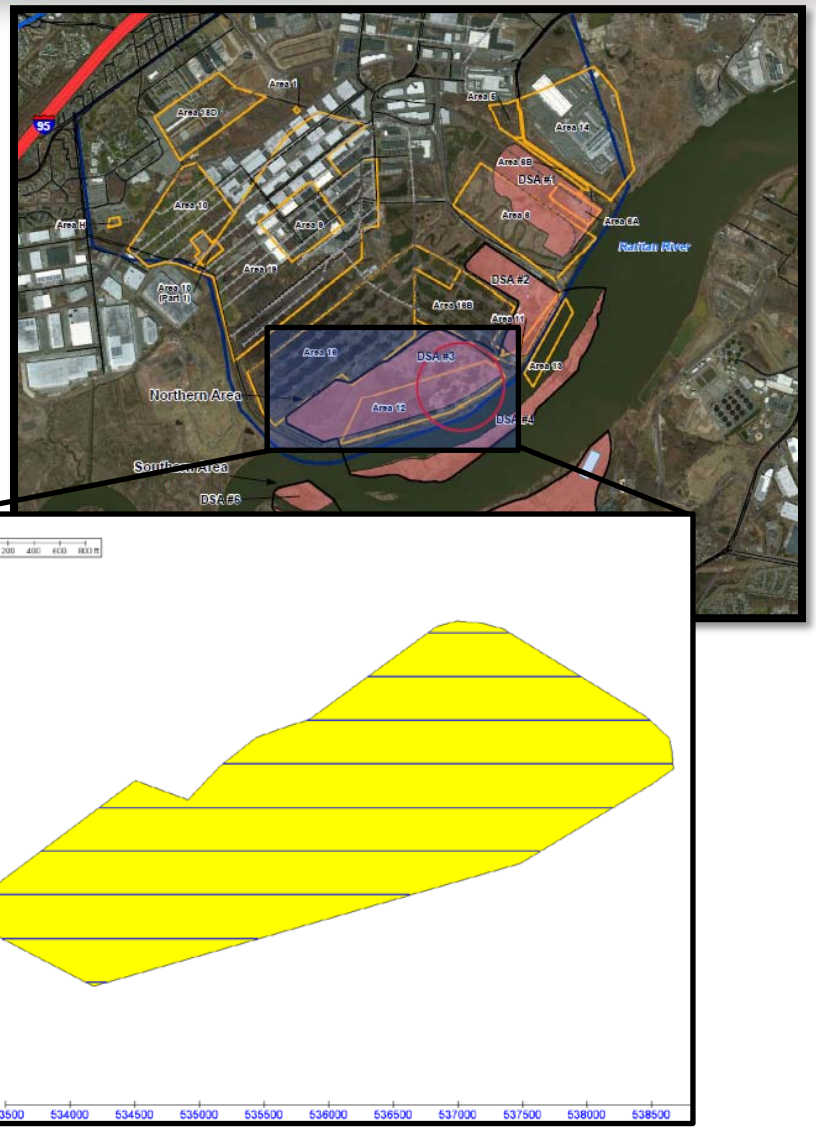
- To achieve 95/95 confidence, a total of 17,400ft (58 transect segments of 300ft combined) are needed at DSA #3
- Sampling will be performed on 21,746ft (using 328ft [100m] separation) to oversample (resulting in 25% additional transect segments for increased confidence)

Total possible number of non-overlapping 300 foot by 10 foot transects: 2443

I want 95 % confidence that at least 95 % of the transects in the selected areas are acceptable (no targets of interest (TOI) identified).

Number of transects that must be randomly selected, surveyed, and identified as acceptable to achieve desired confidence: 58

Therefore, if 58 of the 2443 possible transects (300 feet by 10 feet) are randomly selected and all 58 are identified as acceptable, then you will be 95% confident that at least 95% of the total possible transects within the selected areas are acceptable.



DSA #4 – Transect Design

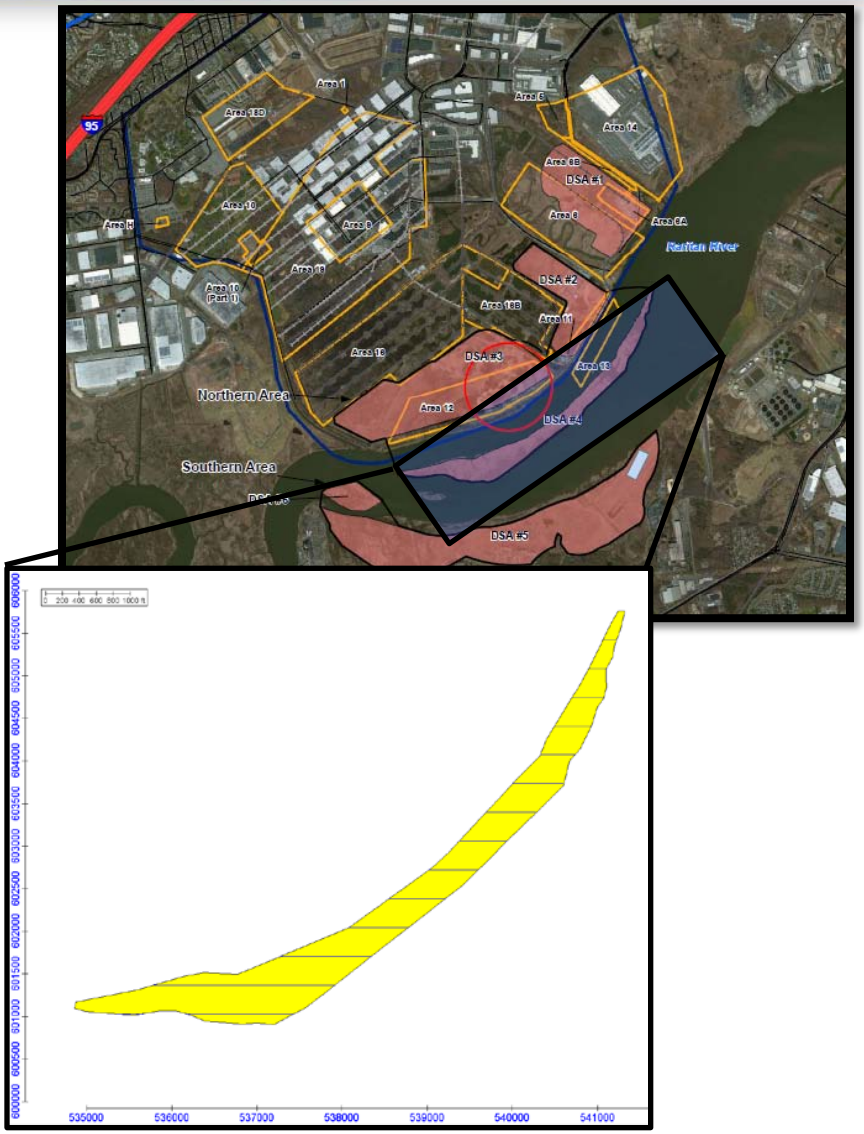
- To achieve 95/95 confidence, a total of 7,830ft (58 transect segments of 135ft combined) are needed at DSA #4
- Sampling will be performed on 10,135ft (using 328ft [100m] separation) to oversample (resulting in 29% additional transect segments for increased confidence)

Total possible number of non-overlapping 135 foot by 10 foot transects: 2544

I want 95 % confidence that at least 95 % of the transects in the selected areas are acceptable (no targets of interest (TOI) identified).

Number of transects that must be randomly selected, surveyed, and identified as acceptable to achieve desired confidence: 58

Therefore, if 58 of the 2544 possible transects (135 feet by 10 feet) are randomly selected and all 58 are identified as acceptable, then you will be 95% confident that at least 95% of the total possible transects within the selected areas are acceptable.



DSA #5 – Transect Design

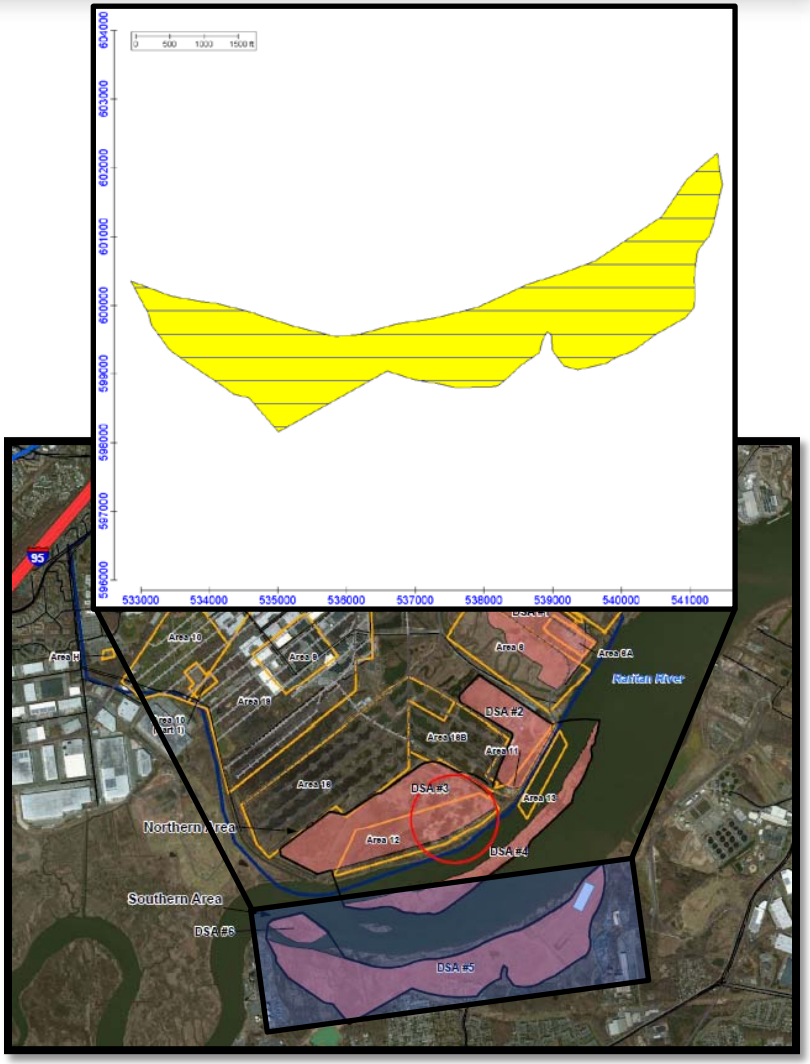
- To achieve 95/95 confidence, a total of 23,200ft (58 transect segments of 400ft combined) are needed at DSA #5
- Sampling will be performed on 28,995ft (using 328ft [100m] separation) to oversample (resulting in 25% additional transect segments for increased confidence)

Total possible number of non-overlapping 400 foot by 10 foot transects: 2479

I want 95 % confidence that at least 95 % of the transects in the selected areas are acceptable (no targets of interest (TOI) identified).

Number of transects that must be randomly selected, surveyed, and identified as acceptable to achieve desired confidence: 58

Therefore, if 58 of the 2479 possible transects (400 feet by 10 feet) are randomly selected and all 58 are identified as acceptable, then you will be 95% confident that at least 95% of the total possible transects within the selected areas are acceptable.



DSA #6 – Transect Design

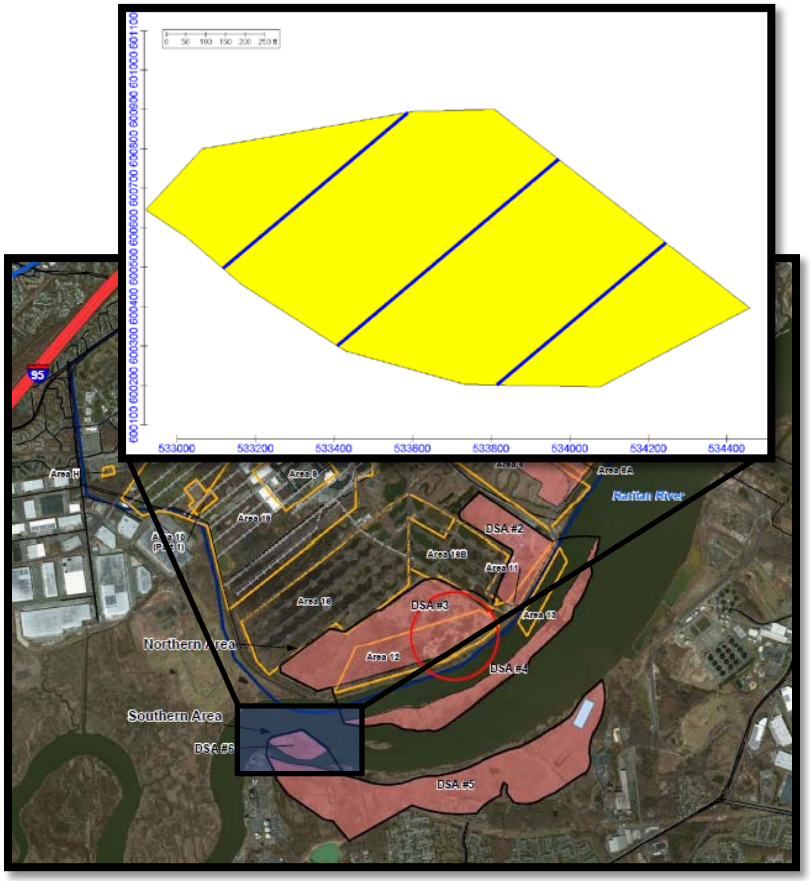
- To achieve 95/95 confidence, a total of 1,566ft (58 transect segments of 27ft combined) are needed at DSA #6
- Sampling will be performed on 2,034ft (using 328ft [100m] separation) to oversample (resulting in 30% additional transect segments for increased confidence)

Total possible number of non-overlapping 27 foot by 10 foot transects: 2509

I want 95 % confidence that at least 95 % of the transects in the selected areas are acceptable (no targets of interest (TOI) identified).

Number of transects that must be randomly selected, surveyed, and identified as acceptable to achieve desired confidence: 58

Therefore, if 58 of the 2509 possible transects (27 feet by 10 feet) are randomly selected and all 58 are identified as acceptable, then you will be 95% confident that at least 95% of the total possible transects within the selected areas are acceptable.



Questions

NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
Subsurface Geophysical Surveys

GPR
MAGNETICS
ELECTROMAGNETICS
SEISMICS
RESISTIVITY
UTILITY LOCATION
UXO DETECTION
BOREHOLE CAMERA
STAFF SUPPORT

GEOPHYSICAL INVESTIGATION REPORT

Remedial Investigation/ Feasibility Study
Dredge Spoils Areas 1, 2, 3, 4, 5 and 6
Areas 10, 12, 13, and 18

Former Raritan Arsenal
Edison, New Jersey

Task Order: 003
Contract: W912DY-09-D-0060

Under the
Formerly Used Defense Sites
Project Number: C02NJ008403

Dates of Investigation:
December 2 - December 18, 2013
February 18 - March 2, 2014
March 24 - March 28, 2014

PREPARED FOR

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Acronyms and Abbreviations

AHA	Activity Hazard Analysis
ASCII	American Standard Code for Information Interchange
CEHNC	US Army Engineering and Support Center, Huntsville
Cm	Centimeter
DGM	Digital Geophysical Mapping
DSA	Dredge Spoils Area
EM	Electromagnetic
FS	Feasibility Study
FTP	File Transfer Protocol
FUDS	Formerly Used Defense Site
GIP	Geophysical Investigation Plan
GPO	Geophysical Prove-Out
GPS	Global Positioning System
GSV	Geophysical System Verification
HAZWOPER	Hazardous Waste Operations and Emergency Response
Hz	Hertz
ISO	Industry Standard Object
IVS	Instrument Verification Strip
M	Meter
MEC	Munitions and Explosives of Concern
MPPEH	Material Potentially Presenting an Explosive Hazard
MQO	Measurement Quality Objective
MRA	Munitions Response Area
MRSIMS	Munitions Response Site Information Management System
mV	Millivolt
NAD83	North American Datum of 1983
NAEVA	NAEVA Geophysics, Inc.
NOAA	National Oceanic and Atmospheric Administration
NRL	Naval Research Laboratory
OB/OD	Open Burn/Open Detonation
OSHA	Occupational Safety and Health Administration
PP	Person Portable
QC	Quality Control
RCA	Root Cause Analysis
RI	Remedial Investigation
Rpm	Revolutions per Minute
RTK	Real-Time Kinematic
SOP	Standard Operating Procedure
SRA	Saturated Response Area
SUXOS	Senior Unexploded Ordnance Supervisor
TA	Towed Array
TO	Task Order
TPP	Technical Project Planning
UHF	Ultra High Frequency
USACE	United States Army Corps of Engineers
USB	Universal Serial Bus
UTM	Universal Transverse Mercator
UXO	Unexploded Ordnance

1.0 INTRODUCTION

NAEVA Geophysics, Inc. (NAEVA) was contracted by CH2M HILL to perform digital geophysical mapping (DGM) as part of a Remedial Investigation (RI) and Feasibility Study (FS) for the Former Raritan Arsenal in Edison, Middlesex County, New Jersey. Field operations were conducted from December 2nd through December 18th, 2013, and continued with two additional mobilizations from February 18th through March 2nd, and March 24th through March 28th, 2014.

1.1 BACKGROUND AND OBJECTIVES

The United States Army Corps of Engineers (USACE), US Army Engineering and Support Center (CEHNC), Huntsville, Alabama, issued Contract W912DY-09-D-0060, Task Order (TO) 003, to CH2M HILL under the Formerly Used Defense Sites (FUDS) Project Number C02NJ008403 to conduct an RI/FS to evaluate the potential presence of Munitions and Explosives of Concern (MEC) and Materials Potentially Presenting an Explosive Hazard (MPPEH) released into terrestrial areas of the Former Raritan Arsenal. Geophysical investigation areas included Dredge Spoils Area (DSA) 1, DSA 2, DSA 3, DSA 4, DSA 5, DSA 6, Area 10, Area 12, Area 13 and Area 18. Deposition of MEC/MPPEH within the investigation areas reportedly occurred through various mechanisms, including as a result of a munitions magazine explosion (Part 1 of Area 10), kick-outs from Open Burn/Open Detonation (OB/OD) operations (Area 12), placement of dredge materials from the Raritan River (DSA 1, 2, 3, 4, 5 and 6), and accidental or intentional discarding through dropping or burial (all areas) (CH2M HILL, 2013).

The Technical Project Planning (TPP) identified DSA 1, DSA 2, DSA 3, DSA 4, DSA 5, DSA 6, Area 10, Area 12, Area 13 and Area 18 as areas of concern, requiring additional investigation. Phase 1 of the RI/FS consists of performing DGM, interpreting the results, and selecting anomalies of interest for intrusive investigation. The goal of the RI/FS in the selected areas is to evaluate the potential presence of MEC by identifying geophysical anomalies through both transect and full-coverage DGM operations. Historical evidence from munitions response operations suggests most items will be found within the top 0.6 meters (m) of soil, or in large quantities in burial trenches or pits (CH2M HILL, 2013).

1.2 SCOPE OF WORK

NAEVA provided qualified personnel and necessary equipment for the execution of the Geophysical Investigation Plan (GIP) included in the Work Plan. Two Field Geophysicists worked on site with support from the Project Geophysicist, Quality Control (QC) Geophysicist, and Geophysical Data Processor at NAEVA's Charlottesville, Virginia office. CH2M HILL's Project Geophysicist and Senior Unexploded Ordnance Supervisor (SUXOS) provided onsite logistics, Unexploded Ordnance (UXO) avoidance assistance, and Health and Safety Plan administration.

Key work performed included:

- Instrument Verification Strip (IVS) installation;
- Daily instrument calibration and verification;
- Data acquisition of transects/grids;
- Quality control of data at all steps of the project;
- Maintenance of project documentation within the Munitions Response Site Information Management System (MRSIMS);
- Data processing and target anomaly selection;
- Reporting and delivery.

1.3 SITE LOCATION AND DESCRIPTION

The worksite contains 905.6 acres located within the former Raritan Arsenal in Middlesex County, New Jersey on the north bank of the Raritan River, 228 acres on the south shore of the Raritan River near the town of Sayreville and 94 acres on two islands located within the Raritan River. The former arsenal is bordered to the north and northwest by Woodbridge Avenue, to the southwest by Mill Road and the Industrial Land Reclamation Landfill, and to the south and east by the Raritan River. The majority of the land in the former Arsenal is either currently zoned as commercial/industrial, or remains as undeveloped wetland. There are private residential areas located to the north of the site, with areas of investigation within Middlesex Community College and Thomas Edison Park. The DSAs are located on both the north and south shore of the Raritan River, as well as within the Raritan River, and are undeveloped for the majority of the DGM areas. The Raritan River experiences tidal fluxes of 1.68- 1.83m (NOAA, 2013), and empties into the western end of Raritan Bay at South Amboy, New Jersey.

Area 10 is located in the western portion of the former Arsenal and consists of 140 acres with open access for commercial, industrial and recreational use. Partial redevelopment of Area 10 includes the Raritan Center and Thomas Edison County Park. Area 12 lies adjacent to the Raritan River along the southwestern boundary of the former Arsenal, and encompasses 84 acres of dense, vegetated wetland. Area 12 is primarily undeveloped and will likely remain as such until risk management scenarios are evaluated for future industrial and recreational use. Area 13 is divided into 2 sections, with 16.9 acres located within the Raritan River, and a 5.6 acre strip of land bordering the river. The terrestrial zone of Area 13 contains two buildings actively used for industrial purposes, and future land use includes possible recreational and commercial development. Area 18D is located in the northwestern portion of the former Arsenal, and consists of 31 acres of developed land and heavily wooded areas. Land within Area 18D is owned by the EPA, Middlesex County College and Beechwood Developments, and is used for industrial and residential purposes.

The total land encompassed by the DSAs is 645 acres, with 323 acres located within the boundary of the former Arsenal, and 322 acres located outside the boundary. DSAs 1, 2 and 3 are located in the southeastern portion of the former Arsenal and contain 89 acres, 65 acres and 169 acres, respectively. DSA 5 is located on the south shoreline of the Raritan River directly across from the former Arsenal and contains 228 acres. DSA 4 and 6 are located within the Raritan River on two small islands, covering 78 acres and 16 acres, respectively. The DSAs are predominately low-lying, densely vegetated, marsh land delineated by tidal canals and mud flats. Aside from the small portion of DSA 5 that contains residential housing with nearby industrial facilities, the majority of the DSAs are undeveloped wetlands owned by various entities.

The areas of investigation are shown in **Figure 1**; additional maps with proposed DGM transects and full coverage areas can be found in the primary work plan under Appendix B –Site Maps. (Map source: CH2M HILL, 2013).

Figure 1. Site Overview by Area and DSA

2.0 EQUIPMENT

2.1 GEONICS EM61-MK2

The geophysical instrument used for this investigation was the Geonics EM61-MK2 metal detector. The EM61-MK2 is a high resolution time-domain electromagnetic instrument designed to detect, with high spatial resolution, shallow ferrous and non-ferrous metallic objects. In comparison with other metal detectors, especially magnetometers, it is much better suited for work in close proximity to man-made structures and in areas of dense subsurface metallic debris (i.e., burial pits).

For treeless areas, transects were cleared of brush to a minimum width of 3 m. Data were collected using a towed array (TA) platform, which consisted of three, 1 m by 0.5 m air-cored coils secured on a fiberglass and stainless steel platform, a Trimble 5700 Real-Time Kinematic (RTK) Global Positioning System (GPS) (**Figure 2**), a Panasonic Toughbook which acts as the data recorder, batteries, processing electronics, and an amphibious Argo ATV which towed the platform during DGM collection. The platform is mounted on 58 centimeter (cm) diameter wheels, which maintain the necessary 40 cm of vertical separation from the ground to the bottom coil. The EM61-MK2's transmitter generates a pulsed primary magnetic field, which then induces eddy currents in nearby metallic objects. The receiver measures the secondary magnetic field generated by the eddy currents at four time intervals in the bottom coil (Geonics, 2005). Earlier time gates provide enhanced detection of smaller metallic objects. Secondary voltages induced in both coils are measured in millivolts (mV).

Figure 2. EM61-MK2 3-coil TA collection with RTK-GPS

Following repeated submersion and exposure to prolonged wet conditions, all vulnerable ports were additionally waterproofed with shrink wrap and silicone to ensure acceptable instrument performance, as stated in the Root Cause Analysis (RCA) (**Appendix A**).

In areas that required increased maneuverability or contained dense tree cover, NAEVA employed an EM61-MK2 system consisting of one, 1 m by 0.5 m air-cored coil, an Allegro data recorder, batteries and processing electronics. In this person-portable (PP) configuration, the instrument is mounted on the manufacturer-supplied 60 cm wheels, maintaining the vertical separation of 40 cm from the ground to the bottom coil. When performing DGM in open areas where an acceptable signal could be achieved to utilize RTK GPS, an EM61 top coil was attached to this system to serve as a mount for the Trimble Zephyr or R8

antenna. Assuming accurate data positioning, target resolution of approximately 0.5 meters can be expected. The data is collected using Geonics' EM61MK2 program and temporarily stored in a Juniper Allegro CX data logger prior to downloading to a laptop computer.

Due to the tidal nature of the islands located within the Raritan River, a modified EM61-MK2 PP system was used in the collection of DSA 4 and DSA 6. This system consisted of an Allegro data recorder, batteries, processing electronics and one, 1 m by 0.5 m air-cored coil mounted to a fiberglass and plastic sled platform. The sled allowed the system to be pulled through marshy conditions and deep water, while maintaining the necessary 40 cm of vertical separation from the ground. An offset GPS antenna mount facilitated use of the R8 during collection, while eliminating additional weight to the system.

2.2 DATA LOGGER

For PP EM61MK2 collection, a Microsoft Windows-based Allegro CX data logger was used to monitor and record data from the EM61. For TA collection, a Microsoft Windows-based Panasonic Toughbook laptop computer was used to monitor and record data from the three EM61MK2 coils. The four time gates, or channels, recorded for this investigation are geometrically spaced in time after the termination of the transmitter pulse. The Allegro stores raw data in the binary .R61 format (Geonics, 2005), while the Toughbook stores raw data in .N61 format.

2.3 TRIMBLE RTK GPS

A Trimble 5700 RTK GPS base station and rovers were used for the acquisition of positional data during the first two mobilizations. The GPS base station was used in conjunction with a roving 5700 unit connected to a Zephyr antenna mounted on a range pole for survey operations, or directly above the EM61-MK2 for geophysical mapping. When mapping with the TA system, the rover was mounted to a tripod secured directly above the middle coil on the platform.

During the final mobilization, a Trimble R8 RTK GPS base station and rover were used for the acquisition of positional data. By eliminating the need for both a Zephyr antenna and a receiver to be carried, the R8 provided a lighter and safer alternative for collection over strenuous terrain. The R8 was mounted on a range pole for survey operations, and secured on a mount either directly over the EM61-MK2 during wheel-mode collection, or offset -0.61 m during sled collection.

Real-time corrections are broadcast to the roving GPS unit via a radio link using a Trimble TDL450 Ultra High Frequency (UHF) radio modem. This system provides positional corrections at a rate of one Hertz (Hz), with an accuracy of 3 cm horizontal and 5 cm vertical when a minimum of 5 satellites are available (Trimble, 2005). Due to the distance between work areas on site, three separate base station locations were used to ensure adequate signal during collection. The base stations were established at survey control points (**Table 1**) with known coordinates, and positional accuracy checked against noted survey control points daily before performing any surveys. Coordinates are provided in Universal Transverse Mercator (UTM) Zone 18 North, North American Datum of 1983 (NAD83), meters.

Survey Control Point	X Location (m)	Y Location (m)
R2 SPK 701	556286.39	4482174.07
B2 IPIN 703	555264.10	4482528.90
B2 PK 705	555896.67	4480891.16

Table 1. Coordinate locations of base station survey control points

2.4 INFORMATION MANAGEMENT

Project documentation, including instrument serial numbers and data file names, were recorded in the MRSIMS forms on a Panasonic ToughPad tablet provided by CH2M HILL. Completed field forms consisting of a daily and survey form, when applicable, were submitted directly to CH2M HILL for QC

review and use during data processing and reporting. Accessory media including relevant site pictures were incorporated with the upload, and a daily log documenting all field team activities was submitted daily.

3.0 METHODOLOGY

3.1 DGM SURVEY ACTIVITIES

Surface clearance, vegetation removal, and land survey activities were completed in advance of the DGM investigation. Significant tidal fluctuations governed accessibility to locations within DSAs 4, 5, 6 and Area 12, and may have influenced anomaly locations, as the tides have the ability to both remove and deposit potential targets in previously cleared and collected survey areas (**Figure 3**). Multiple snowfall events over the course of the first two mobilizations led to snow drifts forming in the open transect areas between the Phragmites, a perennial reed common to the area, with depths ranging from 10 cm to 46 cm. Temperature fluctuations also dictated the extent of DGM collection with portions of the collection areas ranging from flooded to frozen, depending on when it was accessed. Portions of DSA 4 and DSA 6 proved to be inaccessible at any time due to a combination of water features, exposed mud flats, and channel depth. The PP EM61-MK2 was used to collect 100% coverage in Area 13 and Area 18D within the Middlesex Community College boundary, and 1m transects in T3DSA1, Area 10, and forested portions of DSA 5. Data were collected at a rate of 10 readings per second and positioned by GPS when available, and ropes with 0.75 m spacing were used to ensure straight lines and 100% coverage when applicable. In areas where GPS positioning was not feasible, data were collected fiducially in wheel mode with readings taken every 10 cm. Distances were measured between transect stakes for correct positioning. Local coordinates were converted to geodetic coordinates using reference locations (stakes) surveyed in by licensed surveyors on evenly spaced centers.

Figure 3. Some transects in wetland areas are exposed only at low-tide

3.2 DATA PROCESSING AND INTERPRETATION

During PP data collection, EM61-MK2 data were recorded and stored in an Allegro CX data logger using Geomar's NAV61 software, or EM61MK2 software during fiducial collection. Using Geomar's TRACKMAKER61MK2 or DAT61MK2 software, respectively, the EM61-MK2 data were positioned and exported to an American Standard Code for Information Exchange two (ASCII) file. During the 3-coil TA data collection, EM61-MK2 data were recorded and stored in a Panasonic ToughBook equipped with ML61MK2 software. The data were later reviewed on a laptop computer and initially processed using Geomar's Multi61MK2 program. Initial data processing was performed by the field team. This included reviewing data for integrity, repeatability, and completeness. Once the in-field review was completed, the data were transferred to NAEVA's Charlottesville, Virginia office via CH2M HILL's File Transfer Protocol (FTP) site for processing, analysis, target selection and QC using Geosoft's Oasis montaj software and the UX-Detect module. Final processed data were uploaded to the CH2M HILL FTP site.

3.2.1 Pre-Processing

Converted raw data files were imported into Geosoft's Oasis Montaj to perform the following:

- Review and finalize all QC tests (IVS, cable shake, personnel, and static) prior to processing DGM data for that day;
- Evaluation of data density;
- Application of auto leveling and instrument drift corrections for EM61-MK2 data;
- Application of a default lag correction based on the lag determined from the initial collection of the 5-line IVS (Section 5.3.2);
- Generation of preliminary contour map(s) from gridded and transect data;
- Generation of preliminary original versus repeat profiles by grid block;
- Generation of formatted ASCII files containing preprocessed data by grid block.

3.2.2 Final Processing

After completion of preprocessing, the data were further evaluated and processed to generate final processed data files. Final processing steps included:

- Evaluation and refinement of auto leveling and instrument drift corrections for EM61-MK2 data;
- Evaluation and refinement of lag correction;
- Additional digital filtering and enhancement, as necessary;
- Targeting of data, as described in Section 3.2.3;
- Generation of formatted ASCII files containing processed data by grid block;
- Generation of final maps for each grid block showing contoured, gridded data, target locations, areas of interest, and cultural features;
- Generation of final original versus repeat profiles by grid block.

3.2.3 Analysis and Target Selection

The anomaly targeting threshold was set at 4 mV in Channel 2 based on the need to target small munitions items and characterize MEC or MPPEH present. Production and daily static test data were monitored to ensure the threshold level was sufficiently above local background and noise levels, and targets were selected from geophysical data using the UX-Detect module. The UX-Detect module within Oasis Montaj identifies peak amplitude responses associated with, but not limited to, MEC. Single-source anomalies may generate multiple target designations depending on shape and orientation. Initial target selections were auto-selected using the Blakely Test within the UX-Detect module based on the Channel 2 data of the EM61-MK2 bottom coil. Data profiles corresponding to the anomalies selected by Geosoft were then analyzed by trained geophysicists, with the targets evaluated as to their validity and position. Targets found to be invalid or incorrectly located were removed or adjusted. Additionally, anomalies that were not selected by the UX-Detect module, yet deemed to represent potential MEC targets, were manually selected. All selected anomalies that occurred at or above the targeting threshold of 4 mV were identified using a unique ID number. If a target response exhibited adequate decay yet was below the targeting threshold, it was selected as a target and noted as a below threshold pick. The criteria for selecting and locating anomalies for the target list include, but are not limited to, the following items:

- Maximum amplitude of the response with respect to local background conditions;
- Lateral extent (width) of the response;
- Three-dimensional shape of the response;
- Location of the response with respect to the edge of the survey area, inaccessible areas, land features, cultural features, or utilities within or adjacent to the survey area.

3.2.4 Deliverables

Final processed XYZ ASCII data corrected for sensor offsets, lag corrections, drift/leveling corrections and instrument bias were created by dataset for the EM61-MK2 data, with individual target lists created for each grid. The Master Target List provides a Target ID, Grid Cell ID, Easting (X1) and Northing (Y1) UTM coordinate location, anomaly type, and the recorded peak amplitude in mV for each target (**Appendix B**).

Grid maps in Geosoft Oasis Montaj and PDF formats of color-contoured geophysical results were created with anomaly selections shown and labeled at a readable scale. All target lists and both raw and processed data have been submitted to the CH2M HILL Project Geophysicist and can be found on the submitted Universal Serial Bus (USB). Also included are processing reports, a copy of the MRSIMS database, and target lists in MRSIMS format.

4.0 RESULTS

4.1 SUMMARY OF WORK

From December 2nd through December 18th, 2013, February 18th through March 2nd, 2014, and March 24th through March 28 th, 2014, NAEVA Geophysics performed DGM in DSA 1, 2, 3, 4, 5 and 6, and Areas 10, 12, 13 and 18. NAEVA and CH2M HILL installed an IVS to provide initial validation of the EM61-MK2 and to provide on-going QC throughout the production survey for response repeatability and positioning. The limits of production DGM were determined largely by the accessibility to commercial areas during the week, and the tidal schedule for accessing wetland portions of the site. The data were processed and QC checks performed daily as they were received from the field.

The daily field schedule, based on a 10-hour workday, was as follows, unless otherwise noted in daily work logs:

- Morning safety brief and planning;
- Equipment setup;
- Instrument calibration and verification;
- DGM survey;
- End of day instrument verification;
- Equipment storage;
- Data download and review for completeness;
- Upload to the FTP site.

Raw data, processed data, final data, associated reports, and target lists were delivered to CH2M HILL in the specified formats.

4.2 MOBILIZATION AND SITE SETUP

Prior to mobilization, an Activity Hazard Analysis (AHA) and Standard Operating Procedures (SOPs) were provided to CH2M HILL. All personnel had 40-hour Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations and Emergency Response (HAZWOPER) training, with current (annual) 8-hour refresher training, and medical monitoring examinations in accordance with OSHA 29 CFR 1910.120 and 29 CFR 1910.134. Site-specific health and safety briefs were given each morning by the CH2M HILL UXO Safety Officer. NAEVA mobilized one field crew to the former Raritan Arsenal on December 2nd, 2013, and demobilized on December 19th, 2013 after the completion of data collection and review of the QC test data by NAEVA data processors. Based on the results of initial intrusive operations within the surveyed areas, portions of the collected data were deemed unusable, and a field crew returned on a secondary mobilization on February 18th to recollect pertinent areas in accordance with the RCA (**Appendix A**). Once all necessary recollection was completed, the field team demobilized with all equipment on March 3rd. On March 24th, a field crew returned to perform DGM in previously inaccessible regions of the site, including Area 13, DSA 4 and DSA 6. Upon completion of this phase of collection, the field crew demobilized on March 28th, 2014, thereby finishing all geophysical efforts in phase one of the RI.

In preparation for DGM survey, dense vegetation within the site boundary was cut by CH2M HILL to allow passage of the field team and geophysical equipment. A licensed professional land surveyor located and placed labeled wooden stakes and survey nails at transect points and grid corners, where applicable. As part of the Geophysical System Verification (GSV), discussed in Section 5.1.2, blind seeds were placed in advance of DGM by CH2M HILL. The locations were unknown to NAEVA during data collection and processing.

4.3 DGM SURVEY ACTIVITIES

DGM survey coverage of the initial 2013 PP and subsequent recollected 2014 TA with additional PP coverage totaled 22.65 acres, resulting in a total of 3586 selected targets. DGM data was within the data density criteria of 0.213 m spacing as well as the 100 percent coverage criteria for the lane spacing to not exceed 1 m. Transect line spacing was within the allowed 20% variation from intended spacing. Blind seeds were detected by the EM61-MK2 and selected as targets in DGM data. Repeat data for each grid block compared well with original data in anomaly amplitude and location. A sample repeat figure can be found in **Appendix C**. Color-contoured mosaics for each area are included in **Appendix D**.

Intrusive operations identified significant numbers of 'no contacts' in the initial 7133 selected anomaly locations from the 2013 TA data. Subsequent analysis of IVS and transect data determined unacceptable data noise levels. The failure to identify that the noise was intrinsic to the system required that all TA data be recollected following corrective modifications outlined in the RCA (**Appendix A**). PP data collected during the initial DGM phase was unaffected and therefore did not require recollection.

The recollected 2014 TA coverage totaled 19.06 acres, resulting in a total of 3013 targets. **Table 2** displays selected Anomalies by Type from the initial 2013 PP and TA DGM collection with the Recollection Anomalies by Type of the 2014 TA DGM and 2013 PP data. Areas G13, TDSA4, and TDSA6, are not included in the anomaly counts as they were collected in PP during the 2014 TA corrective action.

Selected Anomalies by Type (excluding Area 13, TDSA4 and TDSA6)			
Initial Collection		Recollection	
Anomaly Type	Number of Targets	Anomaly Type	Number of Targets
1	2802	1	1069
2	21	2	49
3	118	3	324
4	1	4	0
5	0	5	0
6	2	6	1
7	4022	7	1423
8	5	8	5
9	162	9	18
10	0	10	0
11	0	11	12
12	n/a	12	12
13	n/a	13	100
Total	**7133**	**Total**	**3013**

Table 2: Compared Anomaly Totals following TA recollection

Selected anomalies were further categorized by type as follows: Type 1 anomalies are point source targets that may represent targets of interest. Type 2 anomalies are known cultural objects such as signs, pipes, fences, etc. Type 3 anomalies are suspected culture such as underground utilities. Type 4 anomalies are anomalies that lie outside the established target area, but are selected based on their proximity and relevance (underwater data only). Type 5 anomalies are hazard deviation targets (underwater data only). Type 6 anomalies are those below the established threshold but were selected based on their decay characteristics. Indicative decay characteristics when comparing profiles of all channels together, would typically have Channel 1 at the highest value followed by Channels 2, 3, and 4. Type 7 represents suspected data spikes resulting from terrain response, poor decay trends or ambient electrical noise. Type 8 is a Saturated

Response Area (SRA), and Type 9 anomalies are targets selected within an SRA as exhibiting unique signatures. Type 11 anomalies are known IVS seeds present in the collection area. Type 12 and Type 13 were added upon recollection of portions of the site, to help better compare the selected anomalies from each phase of DGM. Type 12 anomalies are targets that were picked in both the original and recollection data, and Type 13 anomalies are targets that have been previously investigated through intrusive operations, and are still present. The most significant change documented in the recollected data is the substantial decrease in Type 7 targets, which represent data spikes resulting from ambient electrical noise, among other factors. This decrease aids in validating the TA system and collected data, and demonstrates the effectiveness of the implemented modifications. Other noticeable trends including an increase in Type 3 (suspected culture) anomalies and a decrease in Type 1 (point source) anomalies, can be attributed to increased cultural documentation by the field team, and a percentage of originally selected point source targets having already been removed during intrusive operations. Anomaly types 12 and 13 were not added until the second mobilization, and therefore are not applicable to the original data.

Throughout all mobilizations, DGM coverage was governed largely by man-made and natural site conditions, with seasonal weather events determining accessibility to select areas. Significant snowfall events led to the formation of snowdrifts collecting in the open areas between Phragmites at depths ranging from 10cm to 46 cm. Snow depths remained variable throughout the collection period as wind, temperature changes and subsequent snow events modified existing snow totals. Temperature and tidal fluctuations also proved to be a significant factor, with areas that had been previously collected becoming inaccessible, and vice-versa, due to changes in ice thickness, water depth, and substrate stability in the tidal areas.

Data gaps caused by obstructions were documented in MRSIMS and recorded when available with RTK GPS for inclusion on the individual grid maps. Man-made features include, but are not limited to, a chain-link fence, concrete medians, large trucks, trains, utility poles and general metal debris.

4.4 DATA PROCESSING AND INTERPRETATION

All data were processed as described in-depth in Section 3.2. In addition to the standard processing procedures, the following additional steps were taken during the second mobilization:

- Closely evaluating the IVS data to see if any intrinsic noise appears in the background areas,
- Compare overlapping data from the first DGM collection to the second DGM collection to evaluate following:
    - Point source targets that are present in both DGM surveys (Type 12),
    - Targets that were intrusively investigated from the first DGM data and are still present (Type 13),
- Two power point presentations and an Excel spreadsheet (**Appendix E**) were made denoting the following:
    - Point source targets that were not intrusively investigated from the first DGM survey and are not present in the second DGM survey
    - In areas where the DGM line paths deviate between the two surveys (no overlapping data), targets intrusively investigated and items recovered from the first DGM survey were identified.
- Analyzing channel decays in order to identify possible noise or other false positive responses.

Any anomalies suspected as originating from noise (e.g., channel readings out of phase) and non-metallic and/or cultural objects are noted and designated with a number based on the type of anomaly as described in Section 4.3. Processed data can be found organized by grid block in the submitted USB.

Particular attention was given to all TA data collected from February 24 – March 2, 2014 in DSA 5 as extensive power line coverage and reoccurring ambient noise due to cultural proximity complicated data

analysis and target selection.. Transects were recollected after changes were made (coils and/or cables were switched out) to the TA to ensure that the noise in the data was from ambient sources rather than intrinsic noise within the system. After recollecting portions of TDSA5 and T30DSA5, the noise present in the data was deemed partially intrinsic to the area, and the most usable data was extracted from each date, providing there was acceptable QC tests and IVS data to validate the collected data.

The highest target density within the surveyed area was found in the terrestrial zone of Area 13, which is directly adjacent to an active industrial work area. Elevated target densities were observed in other areas bordering, or included in, developed zones such as Area 12, Area 18D, TDSA 5 and TDSA 1. The lowest number of targets picked per acre were documented on the islands (particularly TDSA 4), and across TDSA 3, which is comprised of almost entirely undeveloped wetlands.

The data processing reports included with the data also list down-line data density statistics and leveling, lag, and gridding parameters used in processing each dataset.

5.0 QUALITY CONTROL

A summary of the Measurement Quality Objectives and Performance Criteria and System Quality Control is presented in Section 5.1 and 5.2, below. The results of the QC tests are summarized in Section 5.4.

5.1 MEASUREMENT QUALITY OBJECTIVES AND PERFORMANCE CRITERIA

5.1.1 DGM System Positioning

The Measurement Quality Objective (MQO) for system positioning accuracy required that positioning of DGM data and detected anomalies was accurate enough to allow for effective reacquisition of selected targets. The measurement performance criterion for system positioning was based on the results of daily reoccupation (Section 5.2.1) of a control point showing that it did not vary more than 10 cm. **Table 3** lists points used for position control.

Control Point ID	Easting (m)	Northing (m)
5A	556662.49	4484459.04
TDSA2-6B	556726.384	4483213.828
R2DH706	556360.30	4480891.16

Table 3. GPS QC Points in NAD83 UTM Zone 18N Meters

5.1.2 Data Positioning

The MQO for data positions accuracy was that positioning of detected anomalies was within the allotted accuracy range. The measurement performance criterion for data positioning was that all locations of anomalies representing QC seeds lie within a 1 m radius of a point on the ground surface directly above the seed item. Any anomaly that was selected outside of 1 m from a point directly above the seed item was not considered to be a detection of that item. This was evaluated in the data by verifying that all anomalies selected were within this standard or could be otherwise explained. This requirement is only applicable to terrestrial EM61-MK2 surveys where the intent is to locate individual MEC items only; Area 18D does not fall within this requirement as the DGM objective was to delineate the extents of a possible trench.

5.1.3 System Munitions detection

The MQO for system munitions detection was that the system responded consistently from the beginning to the end of an operation within industry standard of detection for an industry standard object (ISO). The measurement performance criterion was that the response to an ISO did not vary more than ± 10 percent on Channel 2, after background correction. Daily beginning and end of day static spike tests were evaluated to meet this criterion (Section 5.2.3 Background and Spike Test).

5.1.4 System Data Repeatability

The MQO for DGM systems data repeatability are that the systems respond consistently from the beginning to the end of daily operation. Detection repeatability was quantitatively evaluated twice daily by validating that the IVS survey data fell within the 0.5m offset and 25 percent variation in response from the average of the first two 2-line IVS collected (Section 5.3.2 Instrument Verification Strip

Data repeatability was also evaluated per block of survey data collected. Upon completion of each dataset, approximately 2 percent of the data were recollected in a separate file to demonstrate instrument consistency and data integrity throughout the course of the survey. Repeat data also serves to evaluate and validate the particular collection and positioning methods. In GPS DGM collection, it is essential for the operator to maintain a centered and straight line path to ensure full coverage. If the instrument passes verification while failing repeatability, one may attribute failure to incorrect line paths. Evaluation of repeat data was conducted qualitatively against original data profiles.

5.1.6 Down-line Data Density

The MQO for down-line data density was to have sufficient data collected to detect potential MEC/MPPEH items. The measurement performance criterion for this was that at least 98 percent of possible sensor readings were captured along each transect at a spacing of 0.213 m or less. In addition, any transect containing an unexplained data gap of 0.61 m or greater did not meet this MQO. This was evaluated by verifying that production data point separation met this standard.

5.1.7 Survey Coverage (Lane Spacing)

The MQO for lane spacing was to maintain appropriate line spacing to provide 100 percent coverage of the accessible portions of the survey area. The measurement performance criterion for this is that the lane spacing varied no more than 1 m for EM61-MK2 comprehensive (full-coverage) surveys, and transect lane spacing did not vary more than 20 percent from intended spacing unless vegetation, terrain or other obstacles caused the separation. This was evaluated in production data by verifying that all of the data met this standard.

5.2 SYSTEM QUALITY CONTROL

The following QC procedures were performed and documented during the data collection process and reviewed by a qualified geophysicist on a daily basis. Implemented for the secondary mobilization and DGM, additional IVS and QC data were collected following the completion of each grid block to validate system functionality. When deemed logistically incapable of returning to an established IVS following completion of a dataset, a 1-line test strip was substituted. The test strips were implemented to demonstrate response repeatability of each coil over an ISO at a constant depth and orientation.

5.2.1 Record Sensor Positions Test

The Trimble GPS positioning equipment was checked for system positioning at the beginning of each workday. After starting the GPS base station, the GPS rover and antenna mounted on the EM61-MK2 was used to measure a position at a known control point (**Table 3**). Positions within 10 cm of the known point were acceptable.

5.2.2 Instrument Warm Up

At the beginning of each workday before operation and acquisition of data, the EM61-MK2 was assembled, powered on, and warmed up for a minimum of 15 minutes to minimize instrument drift and ensure proper function. These tests were performed with the instrument immobilized over an area of minimal background response in order to document proper instrument function and test for abnormal performance.

5.2.3 Background and Spike Test

Performed at the beginning and end of each day, as well as midday or upon completion of a dataset, the background/spike test consists of three 1-minute lines of data: background, ISO/spike, and background. Background lines are monitored for data spikes and noise level while the spike line is examined for consistent response. Monitoring background noise enables the Geophysical Data Processor to calibrate data leveling during processing, while the spike test data was monitored for consistent response of a small ISO, a 2.54 cm x 10.16 cm galvanized steel pipe nipple (McMaster-Carr Part Number 44615K466). For the PP spike test, the small ISO was oriented horizontally (long axes of the ISO and the EM61 are parallel) and mounted centrally at a distance of 41 cm from the top of the bottom coil to the ISO's center of mass. For the TA spike test, a small ISO was oriented vertically (long axes of the ISO and the EM61 are perpendicular) and mounted centrally for each coil at a distance of 43 cm from the top of the bottom coil to the ISO's center of mass for all data recorded before December 17, 2013. TA spike test ISO height was adjusted and recorded at a distance of 44 cm beginning February 18, 2014. The background test required that the response varied no more than ± 2 mV from the mean response on Channel 2. Acceptable spike response

values were to be within ± 20 percent of the value for Channel 2 after background corrections. Daily spike response values were plotted against the small ISO response curve at the given depth and evaluated for consistency with Naval Research Lab (NRL) ISO response curves and munitions detection repeatability throughout the duration of investigation.

5.2.4 Cable Shake Test

A 30-second cable shake test was performed each time the sensor was assembled, typically at the beginning of the day, and any time that a cable was replaced. For this test, all cables of the system were shaken to simulate vibrations associated with dynamic DGM survey while monitoring data for shake-induced spikes. This test functioned to detect problems associated with damaged or loose connectors, twisted cables, and other defects. After identification and replacement of the malfunctioning component, the geophysical system would again be verified at the IVS and allowed to resume geophysical operations after demonstrating resolution to the problem.

5.2.5 Personnel Test

At the beginning of each workday a 30-second personnel test was performed and monitored for changes in response associated with personnel in proximity to the instrument coil. Support personnel not actively operating the instrument typically do not approach the coil during production surveys. This test is designed to confirm that the instrument operator, who is closest to the coil during logging, does not interfere with the data. Common sources of operator interference include metal items in pockets and steel-toed boots. This test is applicable only to the PP EM61-MK2 system.

5.2.6 Vehicle Test

Prior to collection, a 30-second vehicle test was performed and monitored for changes in response associated with the vehicle in proximity to the instrument coil. This test is designed to confirm that the vehicle used to tow the array platform during logging does not interfere with the data. The engine of the vehicle is brought to an elevated revolutions per minute (rpm) while monitoring data for data spikes or elevated noise levels. The most common sources of interference result from current generators, such as alternators and portable inverters. This test is applicable only to the TA EM61-MK2 system.

5.2.7 Repeat Data

Daily AM and PM 2-line IVS data were collected to evaluate system positioning and detection repeatability. IVS seed positions within 0.5 m of the recorded locations were acceptable, and response amplitudes were evaluated for consistency within 25% of expected values. In addition, repeat data was collected for each block of data to total at minimum two percent of the block survey area for qualitative amplitude and positional comparison to the initial profiles.

5.3 GEOPHYSICAL SYSTEM VERIFICATION

5.3.1 Overview

The GSV plan, outlined in the GIP, is a physics-based modeling of instrument response to ISOs at different orientations and depths. Six small ISOs (1” x 4” steel pipes) were seeded at detectable depths below ground surface to create an IVS (Section 5.3.2), and a small ISO was also used as static spike test item for daily QC and verification (Section 5.2.3). Detailed specifications of the small ISO may be found in the GSV Work Plan Attachment to the GIP (CH2M HILL, 2013). The GSV is an economical alternative to traditional geophysical prove-outs (GPO) as ISOs are easily obtained and economical, the IVS requires minimal time and area to install, and blind seeding of the survey areas ensures continual system verification throughout production.

5.3.2 Instrument Verification Strip

The purpose of surveying the IVS is to demonstrate the effectiveness of all instrumentation, methods, and personnel prior to the initiation of fieldwork and to document the site-specific capabilities of a DGM system. Prior to seed burial, two suitable areas (one location on each side of the river) with minimal interference and anomalous response were chosen, and thoroughly checked using the EM61-MK2 in analog mode. Background data were submitted to CH2M HILL's Project Geophysicists for review, and any pre-existing anomalies were marked and avoided during IVS construction.

Upon returning on the second mobilization, access to portions of DSA5 were restricted due to the implementation of a "Cease and Desist" Order by a neighboring private development. Two additional IVS locations, IVS 3 and IVS 4, were chosen to facilitate instrument verification while avoiding proximity to private property boundaries.

Once the final IVS locations were approved, tape measures were used to locally establish a 17 meter x 4 meter grid seeded with six small ISOs approximately 3 m apart. Medium ISOs were substituted for two seeds in IVS 1 between the first and second mobilization, and are documented below. The ISOs were buried by CH2M HILL's Project Geophysicist vertically at depths of 23cm and 10cm below ground surface (depths were measured from center of mass). IVS endpoints and seed locations were marked with labeled plastic flags and recorded with RTK GPS. Seed item information is summarized in **Table 4**.

Initial IVS installed in TDSA2				
Seed ID	**Item Type**	**Easting (m)**	**Northing (m)**	**Orientation**
IVS-01	Small ISO	556682.1326	4483164.36	Vertical
IVS-02	Small ISO	556682.7826	4483166.697	Vertical
IVS-02 – Change to Medium ISO in 02/14				
IVS-03	Small ISO	556683.3733	4483169.037	Vertical
IVS-04	Small ISO	556685.1326	4483171.266	Vertical
IVS-05	Small ISO	556687.3485	4483172.4	Vertical
IVS-05 – Change to Medium ISO in 02/14				
IVS-06	Small ISO	556689.6046	4483173.601	Vertical
Secondary IVS installed across the river in TDSA5				
Seed ID	**Item Type**	**Easting (m)**	**Northing (m)**	**Orientation**
IVS-01B	Small ISO	556041.748	4481226.527	Vertical
IVS-02B	Small ISO	556050.494	4481224.713	Vertical
IVS-03B	Small ISO	556053.274	4481223.155	Vertical
IVS-04B	Small ISO	556044.484	4481224.958	Vertical
IVS-05B	Small ISO	556047.155	4481223.466	Vertical
IVS-06B	Small ISO	556055.978	4481221.671	Vertical
Third IVS installed in T30DSA5				
Seed ID	**Item Type**	**Easting (m)**	**Northing (m)**	**Orientation**
IVS-01C	Small ISO	557255.155	4481753.872	Vertical
IVS-02C	Small ISO	557252.175	4481752.744	Vertical

IVS-03C	Small ISO	557249.120	4481751.676	Vertical
IVS-04C	Small ISO	557247.828	4481748.276	Vertical
IVS-05C	Small ISO	557244.937	4481747.252	Vertical
IVS-06C	Small ISO	557241.879	4481746.153	Vertical
Fourth IVS installed in western portion of TDSA5				
Seed ID	**Item Type**	**Easting (m)**	**Northing (m)**	**Orientation**
IVS-01D	Small ISO	555461.266	4480948.722	Vertical
IVS-02D	Small ISO	555461.057	4480945.574	Vertical
IVS-03D	Small ISO	555460.761	4480942.360	Vertical
IVS-04D	Small ISO	555463.465	4480940.002	Vertical
IVS-05D	Small ISO	555463.374	4480936.719	Vertical
IVS-06D	Small ISO	555463.186	4480933.578	Vertical

Table 4. IVS seed item location and orientation

An initial 5-line IVS survey was performed upon construction of each IVS to demonstrate system detection and positioning capabilities. The 5-line survey consisted of a line of data at full spacing from the seeded line (0.75 m), a line centered over the seeds, a line at half spacing (0.375 m), another line at full spacing and finally a background line offset a minimum of 3 m from the seeded line (**Figure 4** and **Figure 5**). Daily AM and PM 2-line IVS tests consisted of one line directly over the seed items, followed by the background line. Midday 2-line IVS tests were conducted beginning on February 25, 2014 during the second site mobilization as directed under the GIP RCA (Form 4-13) and subsequent Corrective Action. The IVS survey data demonstrated the EM61's ability to accurately detect the ISO at the given depths and site conditions. Daily IVS data was evaluated for MQO compliance (Section 5.1.4 System Data Repeatability). Maps from the initial IVS background and 5-line survey can be found in **Appendix F**.

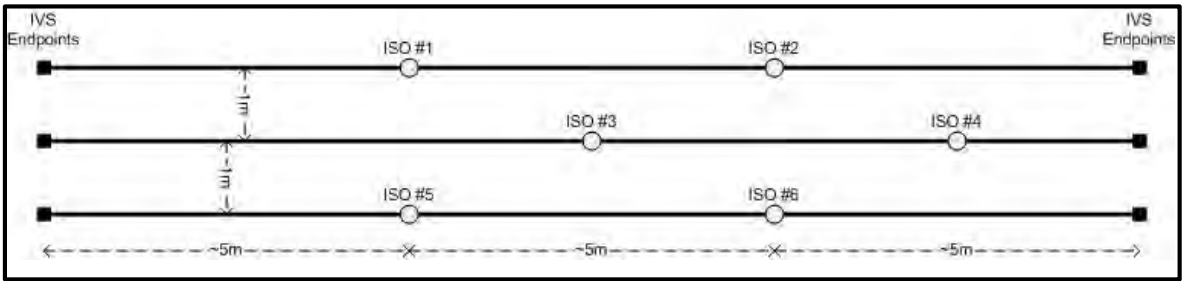

Figure 4. TA IVS Design

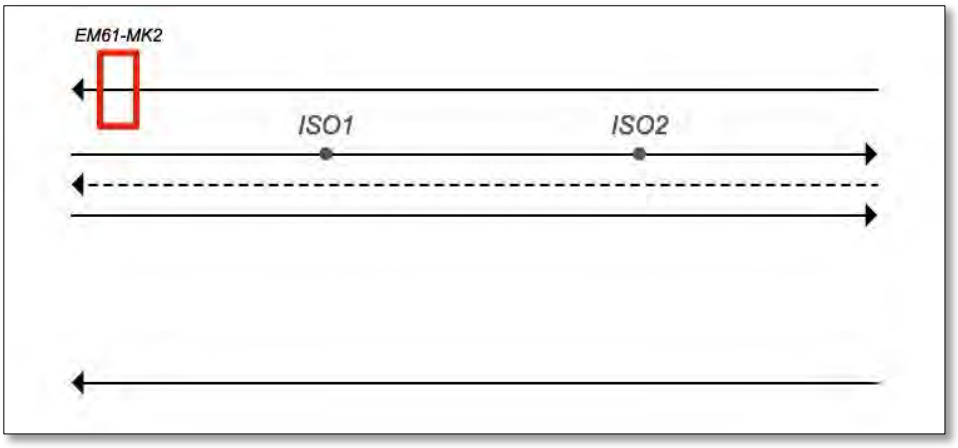

Figure 5. PP 5-line IVS layout diagram, not to scale

5.3.3 Production Blind Seeding

As part of ongoing project QC and system validation, the blind seeding portion of the GSV was conducted and evaluated by CH2M HILL. Seed items were emplaced throughout the survey area; ideally such that at least one seed item would be encountered each day. The locations of these small ISOs seeded in the production area were unknown to NAEVA field DGM teams and data processing teams. Location, orientation and seed identification were recorded for comparison and verification with production data. The CH2M HILL Project Geophysicist evaluated detection of the blind seeds in submitted data and reported that all seeds were detected. This includes both original and recollected data from all three mobilizations, with all blind seeds effectively detected even in data that was deemed unusable.

5.4 RESULTS

All final submitted data met the quality objectives of the project. Intrinsic geophysical noise exhibited in TA IVS tests on December 11, 12, and 17, 2014, and similar noise in significant numbers of transects was identified and addressed with increased protective measures to prevent water infiltrating the TA system. Recorded sensor positions were within the 10 cm offset tolerance (**Figure 6**). For both the PP and TA systems, background static tests were within the acceptable range of ± 20% of the standard item response in Channel 2 (Nelson, et al., 2008) and the detection of the small ISO were consistent and repeatable within 25% of IVS anomaly characteristics throughout the investigation (see **Figure 7** and **Figure 8**). The cable shake, personnel and vehicle data exhibited no significant interference as a result of cable motion, proximity of personnel or proximity of vehicles, respectively.

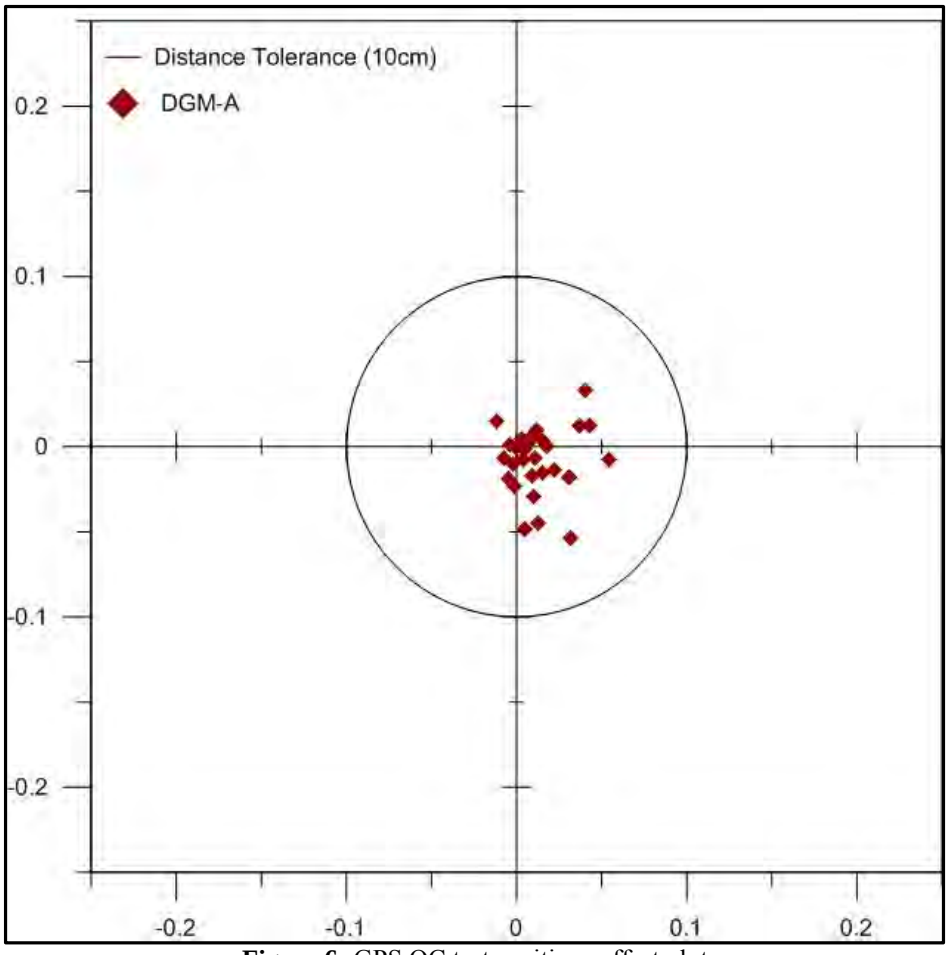

Figure 6: GPS QC test positions offset plot

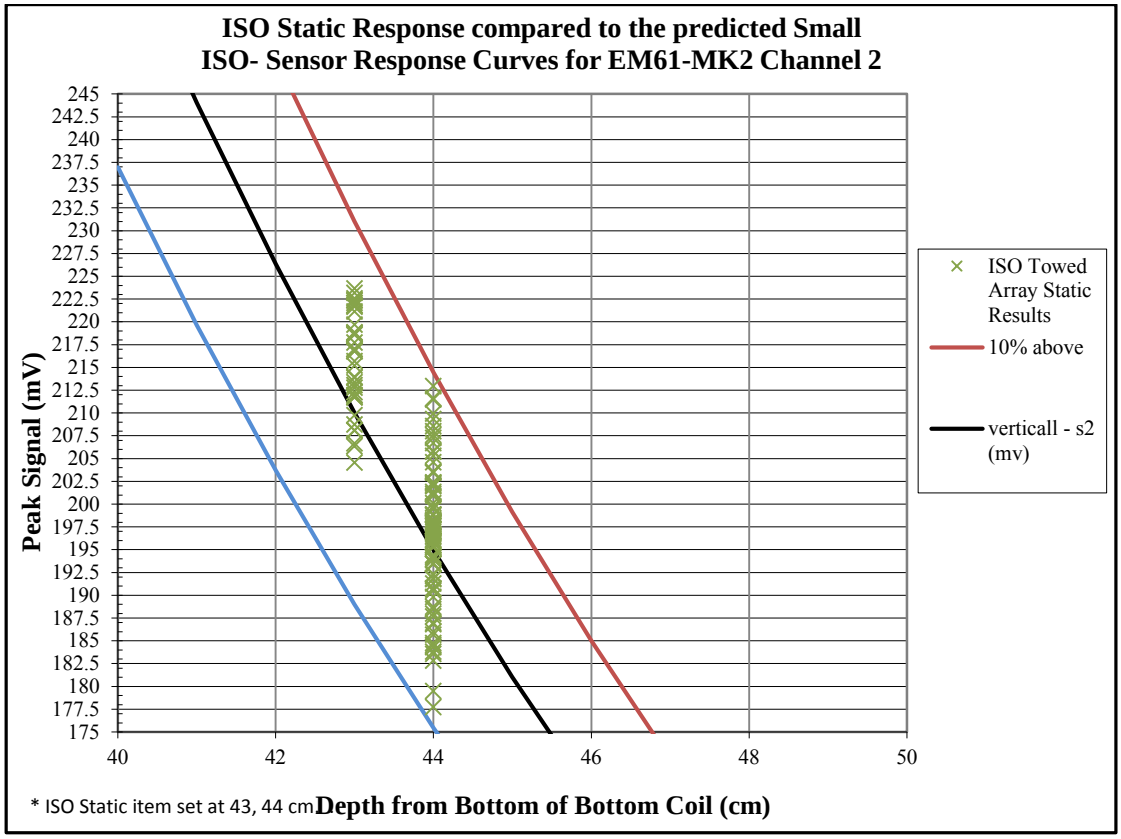

Figure 7: EM61-MK2 TA Ch2 Small ISO static response plotted on predicted response curve

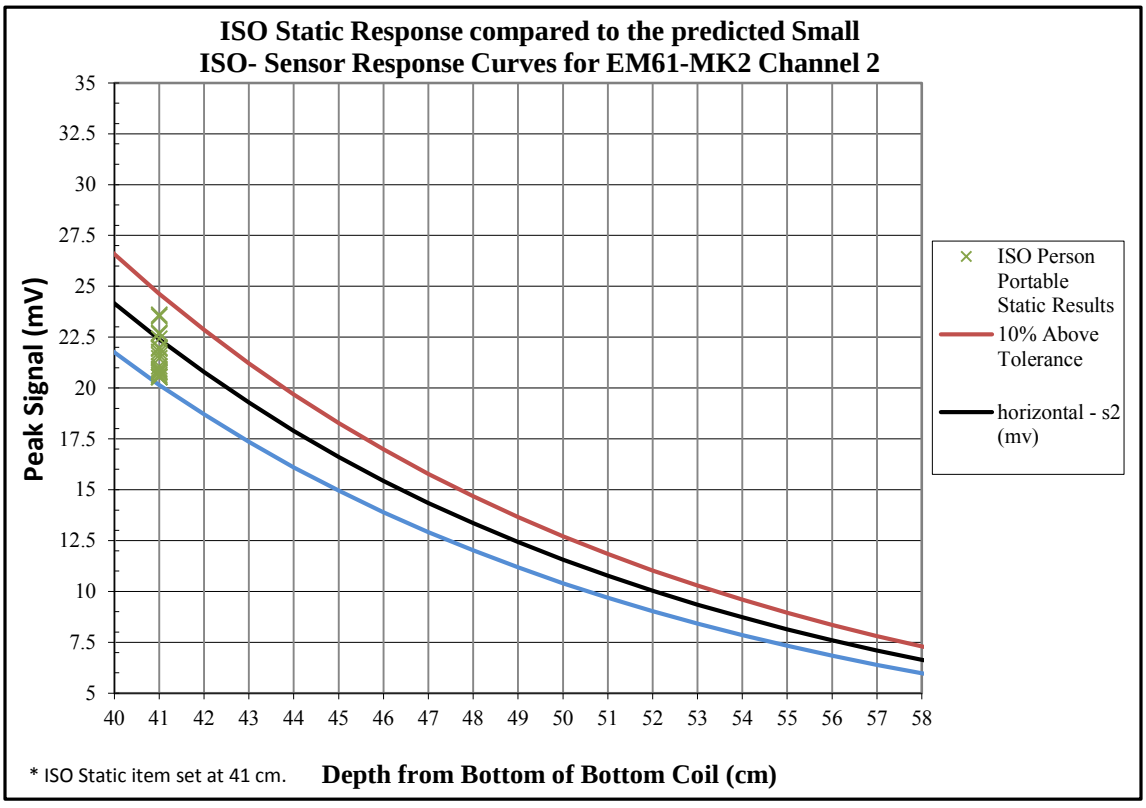

Figure 8: EM61-MK2 PP Ch2 Small ISO static response plotted on predicted response curve

Analysis and contouring of IVS data demonstrated the EM61-MK2 was able to detect the buried seeds items above background levels with consistent amplitude characteristics and placement in relation to recorded locations. The only exceptions to this fell under the IVS Response Memorandum (**Appendix G**), which documents a decreased response of seed items as a result of the TA platform travelling over 25-38 cm of snow; thereby raising the height of the coils. Variable snow height present at the separate IVS locations and throughout the course of the project were addressed and quantitatively documented to aid in ISO comparison. Intrinsic TA geophysical noise were observed in IVS seed detection and background line data in addition to the correlating transect data. TA ISO detection was not compromised by observed noise and resolved in the included RCA (Form 4-13, **Appendix A)**. This satisfied the detection and positioning repeatability criteria. **Table 5** summarizes the MQOs and results for the investigation. Sample static spike, cable shake, personnel and vehicle test figures can be found in **Appendix H**. Full documentation of the QC results are found in the Final Delivery Report for each Grid Block on the USB Drive under each Grid Block folder.

MQO	Measurement Performance Criteria	Test Method	Results
DGM System Positioning. Coordinates obtained from DGM system are of sufficient accuracy for relocation of anomalies.	Measurements made as a daily QC check of positioning systems will not exceed 10 cm compared to known, surveyed location.	Results of Record Sensors Position Test (Section 5.1) will be quantitatively evaluated for compliance.	All positions were within 10 cm. Average position offset was 2.44 cm. (**Figure 6**)
Repeatability. Repeatable and accurate data are being obtained from DGM system.	ISO responses will not vary more than ±20 percent from known response for specific distance from sensors in static tests conducted at the beginning and end of each survey day, as well as following completed datasets. Responses of repeat line data must also be comparable to original line data collected.	Results of the static tests (Section 5.2) will be evaluated quantitatively and compared against published response values for compliance.	All ISO responses were within the ±20 percent from known responses for specific distances. (**Figures 7** and **8**).
Dynamic Detection Repeatability.	Repeat data is comparable to the original data with the number of anomalies on the repeat segment within 20% of the original data for comprehensive surveys, and IVS anomaly characteristics repeatable within 25% for transect surveys	IVS response amplitudes and results of repeat line collection in Section 5.2 will be qualitatively compared to results of original survey data for transect surveys, and a minimum of 2% of the surveyed area will be resurveyed and evaluated for compliance in comprehensive surveys.	All IVS amplitudes were repeatable within 25% for transect data sets, and the number of anomalies was within 20% of the original data for comprehensive surveys.
Downline Data Density. Down line data density is sufficient to detect MEC items.	Over 98% of possible sensor readings are captured along a survey transect with a spacing of no greater than 0.213 m between points. A data gap greater than 0.61 m will not meet the MQO, unless the gap is associated with an obstruction or hazard.	Results of DGM surveys will be quantitatively evaluated for compliance.	Average down line data density was sufficiently achieved for both the PP and TA systems, with no readings greater than 0.61m apart.
Survey Coverage (Lane Spacing). Lane spacing intended to provide 100% coverage of accessible portions of the DGM investigation area.	Lane spacing is no greater than 1 m with an intended lane spacing of 0.75 m for full coverage areas, and transect spacing will not vary greater than 20% from intended spacing unless due to vegetation, terrain or other obstructions cause the separation.	Footprint coverage of DGM surveys will be evaluated for missing or improperly positioned survey lines as well as data gaps that are not otherwise explained.	100% coverage with 1 m footprint with PP collection, and 100% coverage with 3 m footprint with TA collection within surveyed transects
Dynamic Positioning Accuracy. Positioning of detected anomalies is accurate.	Anomaly locations representing QC seeds occur within a 1 m radius of a point on the ground surface directly above the QC seed.	Anomalies selected will be compared with surveyed seed item locations for compliance.	All blind seeds were detected within 1 m radius.
Data Handling. Data must be delivered in a timely manner and in accordance with GIP requirements.	Data packages are completed and delivered within schedule (3 days pre-processed; 5 days processed).	Evaluated based on actual delivery of data.	All data were delivered within the required timeframe.

Table 5. MQO descriptions and results.

6.0 CONCLUSIONS

NAEVA successfully performed DGM, data analysis, and anomaly selection at the Former Raritan Arsenal and associated Dredge Spoils Areas for CH2M HILL in accordance with the project Geophysical Investigation Plan. The EM61-MK2 system and geophysical methods were successfully validated through the IVS, daily QC tests, and production blind seeding. Project MQOs were met. The threshold of 4 mV on Channel 2 was adequate for detection of subsurface geophysical anomalies given noise level and site conditions. **Table 6** illustrates the total number of targeted anomalies by type.

Type	Anomaly Description	Total
Type 1	Point	1080
Type 2	Culture	49
Type 3	Suspected Culture	324
Type 4	Picked outside of target area (Underwater Data only)	0
Type 5	Hazard Deviation (Underwater Data only)	0
Type 6	Anomaly selected below established threshold	4
Type 7	Data Spike (terrain response, ambient noise, poor decay)	1437
Type 8	Saturated Response Area (SRA)	28
Type 9	Anomaly selected within SRA	540
Type 11	IVS Seed	12
Type 12	Selected based on both 2013 and 2014 data	12
Type 13	Previously investigated, anomaly still present	100
Total		3586

Table 6. Selected anomaly totals by type.

The previously submitted USB contains all raw, preprocessed, and processed data, including processing reports, QC test results, color contour maps and target lists for each grid, and mosaic map for the site. A copy of this report may also be found in Adobe PDF and Microsoft Word formats.

7.0 REFERENCES

CH2M HILL. 2013. Geophysical Investigation Plan Remedial Investigation/Feasibility Study (RI/FS) Work Plan (Draft). Former Raritan Arsenal Edison, New Jersey. August 2013.

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<http://tidesandcurrents.noaa.gov/noaatidepredictions/NOAATidesFacade.jsp?Stationid=8531390> [Accessed 02 December 2013].

Trimble. 2005. *Trimble R7/R8 GPS Receiver User's Guide*. Version 2.23, Revision A, April 2005.

Appendix A

Root Cause Analysis

NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
Subsurface Geophysical Surveys

GPR
MAGNETICS
ELECTROMAGNETICS
SEISMICS
RESISTIVITY
UTILITY LOCATION
UXO DETECTION
BOREHOLE CAMERA
STAFF SUPPORT

Root Cause Analysis

Digital Geophysical Mapping
Raritan Remedial Investigation/Feasibility Study

Date: February 14, 2014

To: Tamir Klaff, CH2M HILL's Principal Technologist

Cc: Mark Callaghan, CH2M HILL's Project Manager; David Wright, CH2M HILL's Munitions Response Geophysicist; John Breznick, NAEVA's Program Manager; Jon Guillard, NAEVA's QC Geophysicist

From: Karen Lemley, Geophysical Project Manager

RE: Failure to Identify Intrinsic Noise in the Towed Array system

Event Description

On February 7th NAEVA was notified by email that Grid Block TDSA3-13 had a significant number of no contacts during the intrusive operations and these no contacts were targets selected on suspected noise. After further review by CH2M HILL's Principal Technologist, it was determined that all of the data collected by the towed array system was questionable based on noise exhibited in the IVS tests on the 11th, 12th and 17th of December and similar noise was also noticed in a significant number of the transects. Some of the data appears to be valid, however repeated data collection is needed to confirm.

Root Causes

Two root causes and two causal factors led to the failure to identify the intrinsic noise in the towed array.

The first root cause and causal factor led to the towed array system becoming noisy. The root cause was due to site conditions (canals, marshy areas, weather (rain and snow)) contributing to the system being routinely submerged in water. The system being submerge repeatedly in water led to the causal factor of water getting into the coils producing system noise.

The second root cause and causal factor led to the failure to notice that the towed array was producing noise intrinsic to the system. The root cause was that the field crew, processors, and QC made assumptions about the cause of the noise in the data based on site conditions (urban, utilities, industrial) that could justify the noise in the data. Clearly these assumptions should not have been made without further onsite documentation. These assumptions led to the causal factor of not identifying that the noise was intrinsic to the system.

Corrective Actions

All towed array data is to be recollected after modification have been made to the system in an effort to keep water from infiltrating and causing noise.

NEW YORK
225 N Route 303
Suite 102
Congers
New York 10920
(845) 268-1800
(845) 268-1802 Fax

VIRGINIA
P.O. Box 7325
Charlottesville
Virginia 22906
(434) 978-3187
(434) 973-9791 Fax

Below lists the modification that have been made to the system prior to remobilization:

- In addition to the use of the encapsulated EM61-MK2A coils, all vulnerable ports were additionally waterproofed using shrink wrap and Silicone.

- The Silicone was coated over a 'dummy-plug' inserted in the Odometer port, as well as over the cable connections. This makes the coil-cable connection semi-permanent and it will remain as such for the duration of the project to help ensure waterproof results.

To help ensure that the data is being interpreted properly all personnel involved in the data collection, processing, and QC have meet jointly to review the noisy data that was collected previously at Raritan. Further, it has been made clear by management that if anyone has questions regarding the validity of data it should to be brought to the immediate attention of QC.

Additionally, given the extreme site conditions at Raritan, more frequent QC tests will be conducted throughout the day to help ensure an entire day's of data is not collected if a problem arises with the system. These additional tests will include:

- A mid-day or at any time the system is broken down for movement to another area, a static test will be conducted.
- Since the IVS is not convenient to the site locations to be collected midday, an area near each data collection site will be used as a test strip. Either an item will be place on the surface or an area with a known response will be collected before, mid-day and/or after each survey. This will be repeated if the system is broken down and moved to another collection site within the same day.

During the mid-day break, all collected data will be sent to the office for immediate review.

Recommended Corrective Action for Future Work

To help ensure that this issue does not arise again, the following corrective actions are recommended:

- QC will provide a more comprehensive review of all data.
- At any time significant noise is identified in the data, additionally onsite testing will occur to help isolate the source of the noise.
- Management will ensure that all collected data will be more thoroughly scrutinized by all parties (Field, Processing and QC).

Appendix B

Master Target List

2014 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1	1	G13-01B	556739.70	4482522.45	0	0	0	0	0	0	7	4.75	Person_Portable
2	2	G13-01B	556741.20	4482523.65	0	0	0	0	0	0	9	27.26	Person_Portable
3	3	G13-01B	556741.85	4482523.05	0	0	0	0	0	0	9	31.06	Person_Portable
4	4	G13-01B	556741.80	4482521.85	0	0	0	0	0	0	9	7.18	Person_Portable
5	5	G13-01B	556743.00	4482519.70	0	0	0	0	0	0	9	10.10	Person_Portable
6	6	G13-01B	556743.90	4482522.00	0	0	0	0	0	0	9	7.44	Person_Portable
7	7	G13-01B	556745.56	4482522.55	0	0	0	0	0	0	9	5.82	Person_Portable
8	8	G13-01B	556744.20	4482523.35	0	0	0	0	0	0	9	19.29	Person_Portable
9	9	G13-01B	556743.45	4482526.50	0	0	0	0	0	0	9	4.17	Person_Portable
10	10	G13-01B	556744.99	4482527.65	0	0	0	0	0	0	9	12.16	Person_Portable
11	11	G13-01B	556745.65	4482527.10	0	0	0	0	0	0	9	15.50	Person_Portable
12	12	G13-01B	556747.05	4482526.80	0	0	0	0	0	0	9	8.96	Person_Portable
13	13	G13-01B	556748.25	4482527.55	0	0	0	0	0	0	9	41.24	Person_Portable
14	14	G13-01B	556747.65	4482529.50	0	0	0	0	0	0	9	35.96	Person_Portable
15	15	G13-01B	556748.85	4482531.45	0	0	0	0	0	0	9	62.15	Person_Portable
16	16	G13-01B	556747.95	4482532.95	0	0	0	0	0	0	9	115.93	Person_Portable
17	17	G13-01B	556748.55	4482534.15	0	0	0	0	0	0	9	54.82	Person_Portable
18	18	G13-01B	556750.02	4482535.08	0	0	0	0	0	0	9	224.76	Person_Portable
19	19	G13-01B	556749.90	4482533.25	0	0	0	0	0	0	9	26.23	Person_Portable
20	20	G13-01B	556750.80	4482532.05	0	0	0	0	0	0	9	19.98	Person_Portable
21	21	G13-01B	556753.35	4482530.70	0	0	0	0	0	0	9	155.73	Person_Portable
22	22	G13-01B	556755.60	4482530.70	0	0	0	0	0	0	9	43.45	Person_Portable
23	23	G13-01B	556758.45	4482528.75	0	0	0	0	0	0	9	136.21	Person_Portable
24	24	G13-01B	556760.70	4482528.45	0	0	0	0	0	0	9	40.64	Person_Portable
25	25	G13-01B	556761.00	4482530.40	0	0	0	0	0	0	9	19.16	Person_Portable
26	26	G13-01B	556760.10	4482531.75	0	0	0	0	0	0	9	56.28	Person_Portable
27	27	G13-01B	556761.60	4482532.95	0	0	0	0	0	0	9	22.20	Person_Portable
28	28	G13-01B	556762.65	4482531.60	0	0	0	0	0	0	9	11.15	Person_Portable
29	29	G13-01B	556763.52	4482530.05	0	0	0	0	0	0	9	7.88	Person_Portable
30	30	G13-01B	556762.85	4482526.95	0	0	0	0	0	0	9	193.09	Person_Portable
31	31	G13-01B	556765.80	4482526.80	0	0	0	0	0	0	9	44.24	Person_Portable
32	32	G13-01B	556766.40	4482524.55	0	0	0	0	0	0	9	9.20	Person_Portable
33	33	G13-01B	556767.75	4482526.50	0	0	0	0	0	0	9	71.75	Person_Portable
34	34	G13-01B	556767.60	4482528.15	0	0	0	0	0	0	9	49.95	Person_Portable
35	35	G13-01B	556766.45	4482529.50	0	0	0	0	0	0	9	24.93	Person_Portable
36	36	G13-01B	556768.05	4482530.70	0	0	0	0	0	0	9	19.47	Person_Portable

2014 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
37	37	G13-01B	556768.80	4482531.90	0	0	0	0	0	0	9	23.57	Person_Portable
38	38	G13-01B	556769.85	4482533.85	0	0	0	0	0	0	9	13.41	Person_Portable
39	39	G13-01B	556768.68	4482533.48	0	0	0	0	0	0	9	7.37	Person_Portable
40	40	G13-01B	556766.28	4482532.09	0	0	0	0	0	0	9	6.53	Person_Portable
41	41	G13-01B	556764.68	4482532.27	0	0	0	0	0	0	9	4.20	Person_Portable
42	42	G13-01B	556766.07	4482533.34	0	0	0	0	0	0	9	22.10	Person_Portable
43	43	G13-01B	556765.97	4482534.52	0	0	0	0	0	0	9	35.35	Person_Portable
44	44	G13-01B	556764.45	4482536.40	0	0	0	0	0	0	9	39.14	Person_Portable
45	45	G13-01B	556765.77	4482537.01	0	0	0	0	0	0	9	20.91	Person_Portable
46	46	G13-01B	556764.15	4482538.65	0	0	0	0	0	0	9	15.30	Person_Portable
47	47	G13-01B	556761.90	4482539.25	0	0	0	0	0	0	9	66.76	Person_Portable
48	48	G13-01B	556762.35	4482537.15	0	0	0	0	0	0	9	31.89	Person_Portable
49	49	G13-01B	556761.45	4482535.65	0	0	0	0	0	0	9	18.68	Person_Portable
50	50	G13-01B	556760.04	4482536.02	0	0	0	0	0	0	9	5.67	Person_Portable
51	51	G13-01B	556758.15	4482535.80	0	0	0	0	0	0	9	34.93	Person_Portable
52	52	G13-01B	556757.85	4482533.70	0	0	0	0	0	0	9	83.36	Person_Portable
53	53	G13-01B	556752.90	4482535.50	0	0	0	0	0	0	9	49.26	Person_Portable
54	54	G13-01B	556753.05	4482537.30	0	0	0	0	0	0	9	177.72	Person_Portable
55	55	G13-01B	556753.20	4482539.10	0	0	0	0	0	0	9	80.07	Person_Portable
56	56	G13-01B	556752.30	4482540.30	0	0	0	0	0	0	9	42.02	Person_Portable
57	57	G13-01B	556754.40	4482541.20	0	0	0	0	0	0	9	23.98	Person_Portable
58	58	G13-01B	556752.30	4482541.95	0	0	0	0	0	0	9	50.81	Person_Portable
59	59	G13-01B	556750.80	4482543.75	0	0	0	0	0	0	9	5.38	Person_Portable
60	60	G13-01B	556750.11	4482541.04	0	0	0	0	0	0	9	17.85	Person_Portable
61	61	G13-01B	556750.70	4482538.65	0	0	0	0	0	0	9	299.44	Person_Portable
62	62	G13-01B	556750.22	4482536.67	0	0	0	0	0	0	9	164.10	Person_Portable
63	63	G13-01B	556747.47	4482538.13	0	0	0	0	0	0	9	69.70	Person_Portable
64	64	G13-01B	556745.70	4482535.05	0	0	0	0	0	0	9	37.17	Person_Portable
65	65	G13-01B	556745.82	4482532.20	0	0	0	0	0	0	9	11.41	Person_Portable
66	66	G13-01B	556744.65	4482533.25	0	0	0	0	0	0	9	66.17	Person_Portable
67	67	G13-01B	556743.45	4482532.50	0	0	0	0	0	0	9	46.01	Person_Portable
68	68	G13-01B	556742.85	4482531.30	0	0	0	0	0	0	9	76.05	Person_Portable
69	69	G13-01B	556745.46	4482529.82	0	0	0	0	0	0	9	259.98	Person_Portable
70	70	G13-01B	556743.45	4482529.20	0	0	0	0	0	0	9	8.93	Person_Portable
71	71	G13-01B	556741.75	4482528.08	0	0	0	0	0	0	9	797.24	Person_Portable
72	72	G13-01B	556740.15	4482525.30	0	0	0	0	0	0	9	17.11	Person_Portable

2014 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
73	73	G13-01B	556737.60	4482524.85	0	0	0	0	0	0	9	67.55	Person_Portable
74	74	G13-01B	556734.75	4482521.43	556749.654	4482547.47	556774.212	4482533.42	556758.899	4482507.66	8	999.00	Person_Portable
75	1	G13-02B	556754.11	4482548.61	0	0	0	0	0	0	9	7.10	Person_Portable
76	2	G13-02B	556756.35	4482549.15	0	0	0	0	0	0	9	27.08	Person_Portable
77	3	G13-02B	556758.75	4482552.90	0	0	0	0	0	0	9	5.02	Person_Portable
78	4	G13-02B	556760.10	4482553.65	0	0	0	0	0	0	9	4.19	Person_Portable
79	5	G13-02B	556761.54	4482554.60	0	0	0	0	0	0	9	37.03	Person_Portable
80	6	G13-02B	556761.22	4482553.08	0	0	0	0	0	0	9	6.11	Person_Portable
81	7	G13-02B	556760.55	4482551.85	0	0	0	0	0	0	9	5.33	Person_Portable
82	8	G13-02B	556766.70	4482544.80	0	0	0	0	0	0	9	4.89	Person_Portable
83	9	G13-02B	556768.05	4482544.05	0	0	0	0	0	0	9	4.03	Person_Portable
84	10	G13-02B	556768.65	4482545.40	0	0	0	0	0	0	9	5.65	Person_Portable
85	11	G13-02B	556770.02	4482546.30	0	0	0	0	0	0	9	20.08	Person_Portable
86	12	G13-02B	556768.95	4482548.55	0	0	0	0	0	0	9	12.79	Person_Portable
87	13	G13-02B	556767.81	4482549.83	0	0	0	0	0	0	9	11.34	Person_Portable
88	14	G13-02B	556776.50	4482552.90	0	0	0	0	0	0	9	63.11	Person_Portable
89	15	G13-02B	556776.90	4482551.75	0	0	0	0	0	0	9	78.89	Person_Portable
90	16	G13-02B	556777.05	4482547.35	0	0	0	0	0	0	9	6.26	Person_Portable
91	17	G13-02B	556776.90	4482545.55	0	0	0	0	0	0	9	11.77	Person_Portable
92	18	G13-02B	556775.10	4482543.30	0	0	0	0	0	0	9	4.90	Person_Portable
93	19	G13-02B	556772.70	4482542.10	0	0	0	0	0	0	9	9.24	Person_Portable
94	20	G13-02B	556771.80	4482542.70	0	0	0	0	0	0	9	6.01	Person_Portable
95	21	G13-02B	556770.15	4482542.50	0	0	0	0	0	0	9	13.17	Person_Portable
96	22	G13-02B	556771.35	4482540.15	0	0	0	0	0	0	9	7.09	Person_Portable
97	23	G13-02B	556772.40	4482540.45	0	0	0	0	0	0	9	9.30	Person_Portable
98	24	G13-02B	556774.05	4482538.80	0	0	0	0	0	0	9	74.42	Person_Portable
99	25	G13-02B	556769.70	4482536.80	0	0	0	0	0	0	9	13.06	Person_Portable
100	26	G13-02B	556768.20	4482538.65	0	0	0	0	0	0	9	7.72	Person_Portable
101	27	G13-02B	556765.95	4482538.15	0	0	0	0	0	0	9	25.86	Person_Portable
102	28	G13-02B	556765.50	4482539.25	0	0	0	0	0	0	9	125.28	Person_Portable
103	29	G13-02B	556766.59	4482540.35	0	0	0	0	0	0	9	12.40	Person_Portable
104	30	G13-02B	556766.95	4482541.72	0	0	0	0	0	0	9	13.05	Person_Portable
105	31	G13-02B	556766.29	4482542.39	0	0	0	0	0	0	9	13.96	Person_Portable
106	32	G13-02B	556763.25	4482542.20	0	0	0	0	0	0	9	8.40	Person_Portable
107	33	G13-02B	556762.35	4482540.35	0	0	0	0	0	0	9	24.30	Person_Portable
108	34	G13-02B	556749.65	4482547.47	556758.809	4482563.48	556784.364	4482550.6	556774.212	4482533.42	8	999.00	Person_Portable

2014 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
109	35	G13-02B	556764.56	4482573.50	556763.814	4482567.2	556786.393	4482555.75	556788.843	4482559.58	8	999.00	Person_Portable
110	1	G13-03B	556764.57	4482573.50	556788.844	4482559.58	556802.117	4482586.57	556779.429	4482599.56	8	999.00	Person_Portable
111	1	G13-04B	556779.48	4482599.56	556802.105	4482586.55	556816.876	4482612.7	556794.364	4482625.57	8	999.00	Person_Portable
112	1	G13-05B	556794.37	4482625.58	556816.462	4482612.95	556830.867	4482639.26	556809.269	4482651.61	8	999.00	Person_Portable
113	1	G13-06B	556821.50	4482646.90	0	0	0	0	0	0	9	111.71	Person_Portable
114	2	G13-06B	556821.02	4482648.19	0	0	0	0	0	0	9	48.62	Person_Portable
115	3	G13-06B	556822.50	4482647.40	0	0	0	0	0	0	9	62.18	Person_Portable
116	4	G13-06B	556823.85	4482647.25	0	0	0	0	0	0	9	19.35	Person_Portable
117	5	G13-06B	556824.45	4482645.15	0	0	0	0	0	0	9	15.60	Person_Portable
118	6	G13-06B	556823.55	4482644.70	0	0	0	0	0	0	9	18.79	Person_Portable
119	7	G13-06B	556824.15	4482643.65	0	0	0	0	0	0	9	46.04	Person_Portable
120	8	G13-06B	556826.61	4482644.51	0	0	0	0	0	0	9	27.75	Person_Portable
121	9	G13-06B	556827.10	4482645.68	0	0	0	0	0	0	9	15.51	Person_Portable
122	10	G13-06B	556826.10	4482646.65	0	0	0	0	0	0	9	10.68	Person_Portable
123	11	G13-06B	556826.70	4482647.70	0	0	0	0	0	0	9	18.65	Person_Portable
124	12	G13-06B	556827.55	4482654.10	0	0	0	0	0	0	9	132.82	Person_Portable
125	13	G13-06B	556828.86	4482654.53	0	0	0	0	0	0	9	9.01	Person_Portable
126	14	G13-06B	556827.00	4482658.35	0	0	0	0	0	0	9	56.12	Person_Portable
127	15	G13-06B	556830.00	4482659.70	0	0	0	0	0	0	9	20.97	Person_Portable
128	16	G13-06B	556832.00	4482658.50	0	0	0	0	0	0	9	67.44	Person_Portable
129	17	G13-06B	556832.70	4482656.55	0	0	0	0	0	0	9	46.85	Person_Portable
130	18	G13-06B	556834.05	4482657.45	0	0	0	0	0	0	9	43.09	Person_Portable
131	19	G13-06B	556834.80	4482658.95	0	0	0	0	0	0	9	54.02	Person_Portable
132	20	G13-06B	556834.80	4482660.30	0	0	0	0	0	0	9	41.91	Person_Portable
133	21	G13-06B	556837.50	4482663.75	0	0	0	0	0	0	9	166.89	Person_Portable
134	22	G13-06B	556836.54	4482669.24	0	0	0	0	0	0	9	6.55	Person_Portable
135	23	G13-06B	556835.10	4482669.45	0	0	0	0	0	0	9	5.27	Person_Portable
136	24	G13-06B	556833.75	4482669.00	0	0	0	0	0	0	9	30.10	Person_Portable
137	25	G13-06B	556833.00	4482666.90	0	0	0	0	0	0	9	228.74	Person_Portable
138	26	G13-06B	556833.45	4482665.85	0	0	0	0	0	0	9	37.01	Person_Portable
139	27	G13-06B	556832.10	4482666.60	0	0	0	0	0	0	9	223.33	Person_Portable
140	28	G13-06B	556826.95	4482671.52	0	0	0	0	0	0	9	36.00	Person_Portable
141	29	G13-06B	556825.50	4482670.80	0	0	0	0	0	0	9	27.44	Person_Portable
142	30	G13-06B	556824.25	4482670.45	0	0	0	0	0	0	9	116.40	Person_Portable
143	31	G13-06B	556823.85	4482673.80	0	0	0	0	0	0	9	75.91	Person_Portable
144	32	G13-06B	556823.85	4482675.45	0	0	0	0	0	0	9	8.98	Person_Portable

2014 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
145	33	G13-06B	556823.40	4482676.20	0	0	0	0	0	0	9	9.02	Person_Portable
146	34	G13-06B	556822.45	4482674.55	0	0	0	0	0	0	9	34.67	Person_Portable
147	35	G13-06B	556822.80	4482672.15	0	0	0	0	0	0	9	39.04	Person_Portable
148	36	G13-06B	556821.60	4482671.10	0	0	0	0	0	0	9	194.48	Person_Portable
149	37	G13-06B	556822.83	4482670.60	0	0	0	0	0	0	9	15.43	Person_Portable
150	38	G13-06B	556823.25	4482668.10	0	0	0	0	0	0	9	431.43	Person_Portable
151	39	G13-06B	556822.20	4482666.45	0	0	0	0	0	0	9	32.11	Person_Portable
152	40	G13-06B	556819.95	4482667.05	0	0	0	0	0	0	9	186.41	Person_Portable
153	41	G13-06B	556820.40	4482669.15	0	0	0	0	0	0	9	10.22	Person_Portable
154	42	G13-06B	556819.05	4482668.53	0	0	0	0	0	0	9	13.19	Person_Portable
155	43	G13-06B	556818.00	4482666.75	0	0	0	0	0	0	9	52.74	Person_Portable
156	44	G13-06B	556816.95	4482664.95	0	0	0	0	0	0	9	90.92	Person_Portable
157	45	G13-06B	556819.65	4482665.25	0	0	0	0	0	0	9	600.05	Person_Portable
158	46	G13-06B	556821.45	4482663.90	0	0	0	0	0	0	9	9.44	Person_Portable
159	47	G13-06B	556822.35	4482662.40	0	0	0	0	0	0	9	78.68	Person_Portable
160	48	G13-06B	556821.90	4482661.10	0	0	0	0	0	0	9	46.08	Person_Portable
161	49	G13-06B	556820.35	4482661.60	0	0	0	0	0	0	9	12.42	Person_Portable
162	50	G13-06B	556818.81	4482661.97	0	0	0	0	0	0	9	24.96	Person_Portable
163	51	G13-06B	556817.60	4482661.95	0	0	0	0	0	0	9	183.28	Person_Portable
164	52	G13-06B	556817.55	4482658.65	0	0	0	0	0	0	9	34.20	Person_Portable
165	53	G13-06B	556818.75	4482657.60	0	0	0	0	0	0	9	22.89	Person_Portable
166	54	G13-06B	556820.40	4482658.80	0	0	0	0	0	0	9	73.15	Person_Portable
167	55	G13-06B	556820.40	4482657.45	0	0	0	0	0	0	9	43.74	Person_Portable
168	56	G13-06B	556819.45	4482656.55	0	0	0	0	0	0	9	36.51	Person_Portable
169	57	G13-06B	556820.10	4482655.65	0	0	0	0	0	0	9	70.69	Person_Portable
170	58	G13-06B	556817.00	4482651.56	0	0	0	0	0	0	9	35.17	Person_Portable
171	59	G13-06B	556815.71	4482649.23	0	0	0	0	0	0	9	40.31	Person_Portable
172	60	G13-06B	556809.27	4482651.61	556824.172	4482677.65	556842.182	4482667.33	556830.867	4482639.26	8	999.00	Person_Portable
173	1	G13-07B	556838.55	4482676.05	0	0	0	0	0	0	9	5.26	Person_Portable
174	2	G13-07B	556841.25	4482674.85	0	0	0	0	0	0	9	171.00	Person_Portable
175	3	G13-07B	556841.40	4482678.00	0	0	0	0	0	0	9	86.07	Person_Portable
176	4	G13-07B	556842.40	4482679.25	0	0	0	0	0	0	9	67.30	Person_Portable
177	5	G13-07B	556842.00	4482680.10	0	0	0	0	0	0	9	82.80	Person_Portable
178	6	G13-07B	556840.65	4482680.70	0	0	0	0	0	0	9	39.55	Person_Portable
179	7	G13-07B	556833.90	4482683.70	0	0	0	0	0	0	9	23.50	Person_Portable
180	8	G13-07B	556833.00	4482685.35	0	0	0	0	0	0	9	25.79	Person_Portable

2014 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
181	9	G13-07B	556832.95	4482686.45	0	0	0	0	0	0	9	42.83	Person_Portable
182	10	G13-07B	556834.94	4482686.60	0	0	0	0	0	0	9	17.89	Person_Portable
183	11	G13-07B	556836.55	4482687.60	0	0	0	0	0	0	9	40.76	Person_Portable
184	12	G13-07B	556836.75	4482688.80	0	0	0	0	0	0	9	51.86	Person_Portable
185	13	G13-07B	556836.30	4482689.55	0	0	0	0	0	0	9	58.84	Person_Portable
186	14	G13-07B	556834.26	4482689.13	0	0	0	0	0	0	9	26.95	Person_Portable
187	15	G13-07B	556834.95	4482690.15	0	0	0	0	0	0	9	65.50	Person_Portable
188	16	G13-07B	556838.10	4482691.05	0	0	0	0	0	0	9	19.89	Person_Portable
189	17	G13-07B	556838.70	4482692.25	0	0	0	0	0	0	9	10.17	Person_Portable
190	18	G13-07B	556837.70	4482693.00	0	0	0	0	0	0	9	22.10	Person_Portable
191	19	G13-07B	556837.05	4482693.90	0	0	0	0	0	0	9	50.39	Person_Portable
192	20	G13-07B	556837.50	4482694.65	0	0	0	0	0	0	9	31.20	Person_Portable
193	21	G13-07B	556837.50	4482696.00	0	0	0	0	0	0	9	28.38	Person_Portable
194	22	G13-07B	556838.70	4482695.75	0	0	0	0	0	0	9	17.75	Person_Portable
195	23	G13-07B	556838.70	4482698.10	0	0	0	0	0	0	9	99.41	Person_Portable
196	24	G13-07B	556847.85	4482696.45	0	0	0	0	0	0	9	53.47	Person_Portable
197	25	G13-07B	556849.20	4482697.35	0	0	0	0	0	0	9	49.92	Person_Portable
198	26	G13-07B	556848.75	4482695.10	0	0	0	0	0	0	9	36.91	Person_Portable
199	27	G13-07B	556846.67	4482694.11	0	0	0	0	0	0	9	49.80	Person_Portable
200	28	G13-07B	556845.00	4482691.20	0	0	0	0	0	0	9	95.33	Person_Portable
201	29	G13-07B	556848.00	4482690.60	0	0	0	0	0	0	9	14.82	Person_Portable
202	30	G13-07B	556849.05	4482689.40	0	0	0	0	0	0	9	11.80	Person_Portable
203	31	G13-07B	556851.00	4482688.20	0	0	0	0	0	0	9	34.28	Person_Portable
204	32	G13-07B	556852.05	4482687.15	0	0	0	0	0	0	9	33.40	Person_Portable
205	33	G13-07B	556853.10	4482686.25	0	0	0	0	0	0	9	99.11	Person_Portable
206	34	G13-07B	556854.80	4482686.35	0	0	0	0	0	0	9	81.88	Person_Portable
207	35	G13-07B	556855.05	4482689.55	0	0	0	0	0	0	9	9.62	Person_Portable
208	36	G13-07B	556853.50	4482690.80	0	0	0	0	0	0	9	9.58	Person_Portable
209	37	G13-07B	556852.65	4482691.35	0	0	0	0	0	0	9	10.01	Person_Portable
210	38	G13-07B	556851.25	4482692.13	0	0	0	0	0	0	9	4.72	Person_Portable
211	39	G13-07B	556850.64	4482693.99	0	0	0	0	0	0	9	6.41	Person_Portable
212	40	G13-07B	556851.15	4482695.70	0	0	0	0	0	0	9	44.20	Person_Portable
213	41	G13-07B	556852.50	4482695.55	0	0	0	0	0	0	9	51.42	Person_Portable
214	42	G13-07B	556855.20	4482693.90	0	0	0	0	0	0	9	18.92	Person_Portable
215	43	G13-07B	556855.35	4482691.35	0	0	0	0	0	0	9	14.39	Person_Portable
216	44	G13-07B	556857.20	4482691.75	0	0	0	0	0	0	9	272.94	Person_Portable

2014 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
217	45	G13-07B	556858.42	4482690.63	0	0	0	0	0	0	9	10.16	Person_Portable
218	46	G13-07B	556857.30	4482687.45	0	0	0	0	0	0	9	44.58	Person_Portable
219	47	G13-07B	556856.40	4482686.10	0	0	0	0	0	0	9	22.49	Person_Portable
220	48	G13-07B	556855.05	4482684.80	0	0	0	0	0	0	9	74.10	Person_Portable
221	49	G13-07B	556853.70	4482682.80	0	0	0	0	0	0	9	17.41	Person_Portable
222	50	G13-07B	556851.90	4482681.30	0	0	0	0	0	0	9	47.40	Person_Portable
223	51	G13-07B	556850.91	4482680.66	0	0	0	0	0	0	9	7.11	Person_Portable
224	52	G13-07B	556850.70	4482682.20	0	0	0	0	0	0	9	13.62	Person_Portable
225	53	G13-07B	556848.60	4482681.60	0	0	0	0	0	0	9	17.00	Person_Portable
226	54	G13-07B	556847.74	4482682.64	0	0	0	0	0	0	9	11.16	Person_Portable
227	55	G13-07B	556847.25	4482683.55	0	0	0	0	0	0	9	25.47	Person_Portable
228	56	G13-07B	556849.05	4482683.55	0	0	0	0	0	0	9	43.83	Person_Portable
229	57	G13-07B	556850.85	4482683.70	0	0	0	0	0	0	9	8.70	Person_Portable
230	58	G13-07B	556849.50	4482685.95	0	0	0	0	0	0	9	50.27	Person_Portable
231	59	G13-07B	556848.60	4482685.95	0	0	0	0	0	0	9	51.45	Person_Portable
232	60	G13-07B	556847.40	4482685.35	0	0	0	0	0	0	9	83.85	Person_Portable
233	61	G13-07B	556844.40	4482684.45	0	0	0	0	0	0	9	60.17	Person_Portable
234	62	G13-07B	556845.09	4482682.65	0	0	0	0	0	0	9	7.04	Person_Portable
235	63	G13-07B	556845.45	4482680.40	0	0	0	0	0	0	9	18.97	Person_Portable
236	64	G13-07B	556844.40	4482680.10	0	0	0	0	0	0	9	9.18	Person_Portable
237	65	G13-07B	556844.40	4482677.10	0	0	0	0	0	0	9	28.64	Person_Portable
238	66	G13-07B	556848.30	4482678.00	0	0	0	0	0	0	9	394.28	Person_Portable
239	67	G13-07B	556849.80	4482677.70	0	0	0	0	0	0	9	152.47	Person_Portable
240	68	G13-07B	556849.20	4482676.35	0	0	0	0	0	0	9	565.66	Person_Portable
241	69	G13-07B	556847.40	4482674.55	0	0	0	0	0	0	9	85.95	Person_Portable
242	70	G13-07B	556846.05	4482674.28	0	0	0	0	0	0	9	8.65	Person_Portable
243	71	G13-07B	556844.55	4482672.60	0	0	0	0	0	0	9	19.12	Person_Portable
244	72	G13-07B	556845.30	4482671.25	0	0	0	0	0	0	9	33.30	Person_Portable
245	73	G13-07B	556842.75	4482671.10	0	0	0	0	0	0	9	49.30	Person_Portable
246	74	G13-07B	556842.45	4482669.00	0	0	0	0	0	0	9	469.57	Person_Portable
247	75	G13-07B	556824.17	4482677.65	556839.076	4482703.68	556860.814	4482691.27	556843.866	4482666.49	8	999.00	Person_Portable
248	1	G13-08B	556849.98	4482698.72	0	0	0	0	0	0	9	7.40	Person_Portable
249	2	G13-08B	556850.55	4482697.80	0	0	0	0	0	0	9	24.67	Person_Portable
250	3	G13-08B	556851.50	4482697.75	0	0	0	0	0	0	9	27.37	Person_Portable
251	4	G13-08B	556854.15	4482695.10	0	0	0	0	0	0	9	31.02	Person_Portable
252	5	G13-08B	556855.65	4482694.65	0	0	0	0	0	0	9	28.59	Person_Portable

2014 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
253	6	G13-08B	556855.80	4482696.60	0	0	0	0	0	0	9	38.94	Person_Portable
254	7	G13-08B	556857.75	4482697.65	0	0	0	0	0	0	9	30.60	Person_Portable
255	8	G13-08B	556859.10	4482697.80	0	0	0	0	0	0	9	51.94	Person_Portable
256	9	G13-08B	556857.28	4482699.55	0	0	0	0	0	0	9	19.85	Person_Portable
257	10	G13-08B	556855.80	4482701.25	0	0	0	0	0	0	9	170.32	Person_Portable
258	11	G13-08B	556855.80	4482699.90	0	0	0	0	0	0	9	71.72	Person_Portable
259	12	G13-08B	556854.96	4482698.35	0	0	0	0	0	0	9	15.58	Person_Portable
260	13	G13-08B	556854.30	4482699.90	0	0	0	0	0	0	9	28.70	Person_Portable
261	14	G13-08B	556853.14	4482699.43	0	0	0	0	0	0	9	4.31	Person_Portable
262	15	G13-08B	556851.90	4482700.70	0	0	0	0	0	0	9	22.03	Person_Portable
263	16	G13-08B	556846.20	4482704.25	0	0	0	0	0	0	9	32.98	Person_Portable
264	17	G13-08B	556839.08	4482703.68	556853.979	4482729.72	556858.419	4482727.17	556848.226	4482708.83	8	999.00	Person_Portable
265	18	G13-08B	556843.58	4482711.57	556843.584	4482711.57	556864.746	4482698.71	556860.814	4482691.27	8	999.00	Person_Portable
266	1	G13-09B	556853.99	4482729.74	556868.834	4482755.82	556872.861	4482753.52	556858.44	4482727.21	8	999.00	Person_Portable
267	1	G13-10B	556898.35	4482771.45	0	0	0	0	0	0	9	23.33	Person_Portable
268	2	G13-10B	556899.00	4482770.70	0	0	0	0	0	0	9	19.80	Person_Portable
269	3	G13-10B	556900.12	4482769.85	0	0	0	0	0	0	9	12.43	Person_Portable
270	4	G13-10B	556900.19	4482771.79	0	0	0	0	0	0	9	284.55	Person_Portable
271	5	G13-10B	556896.35	4482773.45	0	0	0	0	0	0	9	8.58	Person_Portable
272	6	G13-10B	556895.25	4482773.25	0	0	0	0	0	0	9	23.29	Person_Portable
273	7	G13-10B	556894.05	4482774.30	0	0	0	0	0	0	9	28.66	Person_Portable
274	8	G13-10B	556892.49	4482774.53	0	0	0	0	0	0	9	14.64	Person_Portable
275	9	G13-10B	556893.00	4482775.70	0	0	0	0	0	0	9	22.66	Person_Portable
276	10	G13-10B	556886.25	4482780.30	0	0	0	0	0	0	9	121.13	Person_Portable
277	11	G13-10B	556868.83	4482755.74	556880.434	4482775.96	556884.146	4482773.84	556872.833	4482753.51	8	999.00	Person_Portable
278	12	G13-10B	556880.43	4482775.96	556883.793	4482781.84	556906.729	4482768.67	556903.458	4482763.02	8	999.00	Person_Portable
279	1	G13-11B	556894.65	4482778.50	0	0	0	0	0	0	9	76.80	Person_Portable
280	2	G13-11B	556896.30	4482778.95	0	0	0	0	0	0	9	38.68	Person_Portable
281	3	G13-11B	556897.65	4482779.10	0	0	0	0	0	0	9	39.38	Person_Portable
282	4	G13-11B	556899.30	4482777.60	0	0	0	0	0	0	9	21.29	Person_Portable
283	5	G13-11B	556897.45	4482777.60	0	0	0	0	0	0	9	39.09	Person_Portable
284	6	G13-11B	556897.50	4482775.95	0	0	0	0	0	0	9	29.25	Person_Portable
285	7	G13-11B	556896.40	4482775.65	0	0	0	0	0	0	9	27.01	Person_Portable
286	8	G13-11B	556897.65	4482774.60	0	0	0	0	0	0	9	32.52	Person_Portable
287	9	G13-11B	556900.35	4482774.85	0	0	0	0	0	0	9	50.98	Person_Portable
288	10	G13-11B	556899.82	4482773.39	0	0	0	0	0	0	9	85.05	Person_Portable

2014 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
289	11	G13-11B	556901.56	4482772.16	0	0	0	0	0	0	9	147.77	Person_Portable
290	12	G13-11B	556903.50	4482771.30	0	0	0	0	0	0	9	35.66	Person_Portable
291	13	G13-11B	556903.95	4482770.40	0	0	0	0	0	0	9	34.94	Person_Portable
292	14	G13-11B	556904.05	4482771.90	0	0	0	0	0	0	9	47.56	Person_Portable
293	15	G13-11B	556905.29	4482771.45	0	0	0	0	0	0	9	18.08	Person_Portable
294	16	G13-11B	556906.65	4482770.70	0	0	0	0	0	0	9	109.96	Person_Portable
295	17	G13-11B	556906.00	4482772.87	0	0	0	0	0	0	9	32.79	Person_Portable
296	18	G13-11B	556907.30	4482772.20	0	0	0	0	0	0	9	102.84	Person_Portable
297	19	G13-11B	556908.26	4482773.46	0	0	0	0	0	0	9	43.55	Person_Portable
298	20	G13-11B	556908.15	4482775.20	0	0	0	0	0	0	9	34.71	Person_Portable
299	21	G13-11B	556909.95	4482776.55	0	0	0	0	0	0	9	35.62	Person_Portable
300	22	G13-11B	556906.50	4482776.10	0	0	0	0	0	0	9	49.03	Person_Portable
301	23	G13-11B	556905.90	4482775.50	0	0	0	0	0	0	9	41.18	Person_Portable
302	24	G13-11B	556904.25	4482774.30	0	0	0	0	0	0	9	79.09	Person_Portable
303	25	G13-11B	556903.15	4482774.00	0	0	0	0	0	0	9	52.39	Person_Portable
304	26	G13-11B	556902.00	4482776.25	0	0	0	0	0	0	9	26.48	Person_Portable
305	27	G13-11B	556902.00	4482778.05	0	0	0	0	0	0	9	11.98	Person_Portable
306	28	G13-11B	556903.35	4482778.65	0	0	0	0	0	0	9	19.31	Person_Portable
307	29	G13-11B	556905.20	4482780.00	0	0	0	0	0	0	9	66.24	Person_Portable
308	30	G13-11B	556902.45	4482781.80	0	0	0	0	0	0	9	55.00	Person_Portable
309	31	G13-11B	556897.95	4482782.85	0	0	0	0	0	0	9	65.14	Person_Portable
310	32	G13-11B	556898.70	4482784.20	0	0	0	0	0	0	9	44.50	Person_Portable
311	33	G13-11B	556898.25	4482786.15	0	0	0	0	0	0	9	107.42	Person_Portable
312	34	G13-11B	556899.80	4482787.05	0	0	0	0	0	0	9	46.34	Person_Portable
313	35	G13-11B	556901.00	4482786.00	0	0	0	0	0	0	9	48.29	Person_Portable
314	36	G13-11B	556907.05	4482789.20	0	0	0	0	0	0	9	53.28	Person_Portable
315	37	G13-11B	556905.60	4482794.25	0	0	0	0	0	0	9	38.31	Person_Portable
316	38	G13-11B	556907.25	4482795.75	0	0	0	0	0	0	9	81.17	Person_Portable
317	39	G13-11B	556904.25	4482796.50	0	0	0	0	0	0	9	43.90	Person_Portable
318	40	G13-11B	556903.95	4482797.55	0	0	0	0	0	0	9	37.00	Person_Portable
319	41	G13-11B	556905.00	4482799.35	0	0	0	0	0	0	9	92.76	Person_Portable
320	42	G13-11B	556905.60	4482800.85	0	0	0	0	0	0	9	84.25	Person_Portable
321	43	G13-11B	556902.30	4482799.90	0	0	0	0	0	0	9	145.06	Person_Portable
322	44	G13-11B	556901.90	4482801.49	0	0	0	0	0	0	9	50.37	Person_Portable
323	45	G13-11B	556904.10	4482802.35	0	0	0	0	0	0	9	69.29	Person_Portable
324	46	G13-11B	556903.90	4482803.45	0	0	0	0	0	0	9	41.65	Person_Portable

2014 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
325	47	G13-11B	556904.55	4482804.45	0	0	0	0	0	0	9	26.27	Person_Portable
326	48	G13-11B	556902.15	4482804.90	0	0	0	0	0	0	9	67.12	Person_Portable
327	49	G13-11B	556900.95	4482804.35	0	0	0	0	0	0	9	168.60	Person_Portable
328	50	G13-11B	556898.60	4482807.60	0	0	0	0	0	0	9	63.71	Person_Portable
329	51	G13-11B	556898.10	4482805.35	0	0	0	0	0	0	9	30.61	Person_Portable
330	52	G13-11B	556897.50	4482804.45	0	0	0	0	0	0	9	31.47	Person_Portable
331	53	G13-11B	556896.60	4482802.80	0	0	0	0	0	0	9	50.66	Person_Portable
332	54	G13-11B	556899.30	4482802.80	0	0	0	0	0	0	9	18.81	Person_Portable
333	55	G13-11B	556899.30	4482801.60	0	0	0	0	0	0	9	17.36	Person_Portable
334	56	G13-11B	556898.70	4482800.40	0	0	0	0	0	0	9	16.98	Person_Portable
335	57	G13-11B	556897.65	4482799.80	0	0	0	0	0	0	9	23.13	Person_Portable
336	58	G13-11B	556896.60	4482799.35	0	0	0	0	0	0	9	17.47	Person_Portable
337	59	G13-11B	556895.66	4482801.00	0	0	0	0	0	0	9	33.49	Person_Portable
338	60	G13-11B	556895.40	4482802.05	0	0	0	0	0	0	9	95.64	Person_Portable
339	61	G13-11B	556894.05	4482799.65	0	0	0	0	0	0	9	39.67	Person_Portable
340	62	G13-11B	556895.25	4482798.75	0	0	0	0	0	0	9	32.90	Person_Portable
341	63	G13-11B	556894.20	4482796.95	0	0	0	0	0	0	9	36.80	Person_Portable
342	64	G13-11B	556893.30	4482795.45	0	0	0	0	0	0	9	30.85	Person_Portable
343	65	G13-11B	556891.85	4482795.83	0	0	0	0	0	0	9	9.56	Person_Portable
344	66	G13-11B	556890.50	4482793.50	0	0	0	0	0	0	9	21.52	Person_Portable
345	67	G13-11B	556893.69	4482794.34	0	0	0	0	0	0	9	23.83	Person_Portable
346	68	G13-11B	556895.55	4482793.20	0	0	0	0	0	0	9	203.84	Person_Portable
347	69	G13-11B	556895.85	4482792.30	0	0	0	0	0	0	9	115.80	Person_Portable
348	70	G13-11B	556894.65	4482790.20	0	0	0	0	0	0	9	60.22	Person_Portable
349	71	G13-11B	556886.45	4482786.20	0	0	0	0	0	0	9	12.84	Person_Portable
350	72	G13-11B	556885.95	4482784.20	0	0	0	0	0	0	9	86.53	Person_Portable
351	73	G13-11B	556883.80	4482781.86	556898.647	4482807.84	556922.275	4482794.36	556906.741	4482768.67	8	999.00	Person_Portable
352	1	G13-12A	556931.10	4482802.50	0	0	0	0	0	0	9	99.24	Person_Portable
353	2	G13-12A	556929.15	4482799.05	0	0	0	0	0	0	9	42.82	Person_Portable
354	3	G13-12A	556924.68	4482792.92	556934.012	4482809.13	556935.121	4482807.52	556928.544	4482796.43	8	999.00	Person_Portable
355	1	G13-12B	556900.95	4482808.95	0	0	0	0	0	0	9	92.01	Person_Portable
356	2	G13-12B	556903.05	4482810.90	0	0	0	0	0	0	7	15.49	Person_Portable
357	3	G13-12B	556904.97	4482811.31	0	0	0	0	0	0	9	34.86	Person_Portable
358	4	G13-12B	556904.30	4482814.00	0	0	0	0	0	0	9	288.04	Person_Portable
359	5	G13-12B	556906.35	4482815.40	0	0	0	0	0	0	9	145.60	Person_Portable
360	6	G13-12B	556913.40	4482812.55	0	0	0	0	0	0	9	98.99	Person_Portable

2014 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
361	7	G13-12B	556914.15	4482813.75	0	0	0	0	0	0	9	45.90	Person_Portable
362	8	G13-12B	556917.15	4482814.50	0	0	0	0	0	0	9	320.23	Person_Portable
363	9	G13-12B	556916.14	4482812.69	0	0	0	0	0	0	7	5.84	Person_Portable
364	10	G13-12B	556915.39	4482811.73	0	0	0	0	0	0	9	9.92	Person_Portable
365	11	G13-12B	556915.05	4482810.60	0	0	0	0	0	0	9	22.43	Person_Portable
366	12	G13-12B	556913.20	4482810.44	0	0	0	0	0	0	9	20.92	Person_Portable
367	13	G13-12B	556913.41	4482808.36	0	0	0	0	0	0	9	177.04	Person_Portable
368	14	G13-12B	556915.35	4482808.20	0	0	0	0	0	0	9	96.89	Person_Portable
369	15	G13-12B	556916.60	4482808.65	0	0	0	0	0	0	9	36.36	Person_Portable
370	16	G13-12B	556916.95	4482810.00	0	0	0	0	0	0	9	46.62	Person_Portable
371	17	G13-12B	556918.50	4482810.75	0	0	0	0	0	0	9	36.00	Person_Portable
372	18	G13-12B	556918.95	4482811.65	0	0	0	0	0	0	9	67.14	Person_Portable
373	19	G13-12B	556921.20	4482812.55	0	0	0	0	0	0	9	25.43	Person_Portable
374	20	G13-12B	556921.65	4482816.75	0	0	0	0	0	0	9	63.17	Person_Portable
375	21	G13-12B	556919.85	4482818.10	0	0	0	0	0	0	9	67.26	Person_Portable
376	22	G13-12B	556920.45	4482820.50	0	0	0	0	0	0	9	26.65	Person_Portable
377	23	G13-12B	556921.95	4482820.05	0	0	0	0	0	0	9	27.66	Person_Portable
378	24	G13-12B	556923.30	4482819.75	0	0	0	0	0	0	9	24.41	Person_Portable
379	25	G13-12B	556921.95	4482821.70	0	0	0	0	0	0	9	60.25	Person_Portable
380	26	G13-12B	556922.00	4482823.80	0	0	0	0	0	0	9	41.20	Person_Portable
381	27	G13-12B	556920.30	4482821.85	0	0	0	0	0	0	9	83.28	Person_Portable
382	28	G13-12B	556917.40	4482821.45	0	0	0	0	0	0	9	27.20	Person_Portable
383	29	G13-12B	556913.17	4482822.71	0	0	0	0	0	0	9	170.44	Person_Portable
384	30	G13-12B	556911.90	4482820.50	0	0	0	0	0	0	9	61.65	Person_Portable
385	31	G13-12B	556910.25	4482822.15	0	0	0	0	0	0	9	126.42	Person_Portable
386	32	G13-12B	556908.15	4482823.05	0	0	0	0	0	0	9	128.81	Person_Portable
387	33	G13-12B	556909.36	4482826.25	0	0	0	0	0	0	9	28.07	Person_Portable
388	34	G13-12B	556913.42	4482833.43	0	0	0	0	0	0	9	124.60	Person_Portable
389	35	G13-12B	556921.80	4482828.70	0	0	0	0	0	0	9	41.06	Person_Portable
390	36	G13-12B	556924.05	4482825.41	0	0	0	0	0	0	9	36.79	Person_Portable
391	37	G13-12B	556925.01	4482824.18	0	0	0	0	0	0	9	78.12	Person_Portable
392	38	G13-12B	556927.29	4482823.47	0	0	0	0	0	0	9	342.93	Person_Portable
393	39	G13-12B	556929.45	4482822.90	0	0	0	0	0	0	9	36.07	Person_Portable
394	40	G13-12B	556931.97	4482822.66	0	0	0	0	0	0	9	26.39	Person_Portable
395	41	G13-12B	556926.75	4482807.00	0	0	0	0	0	0	9	42.13	Person_Portable
396	42	G13-12B	556927.65	4482805.50	0	0	0	0	0	0	9	28.25	Person_Portable

2014 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
397	43	G13-12B	556929.60	4482805.80	0	0	0	0	0	0	9	83.36	Person_Portable
398	44	G13-12B	556928.40	4482803.55	0	0	0	0	0	0	9	102.54	Person_Portable
399	45	G13-12B	556927.65	4482800.10	0	0	0	0	0	0	9	99.87	Person_Portable
400	46	G13-12B	556925.70	4482801.90	0	0	0	0	0	0	9	19.83	Person_Portable
401	47	G13-12B	556926.45	4482803.55	0	0	0	0	0	0	9	60.57	Person_Portable
402	48	G13-12B	556925.85	4482805.50	0	0	0	0	0	0	9	39.57	Person_Portable
403	49	G13-12B	556924.48	4482804.54	0	0	0	0	0	0	9	32.04	Person_Portable
404	50	G13-12B	556922.39	4482805.30	0	0	0	0	0	0	9	128.23	Person_Portable
405	51	G13-12B	556923.65	4482807.17	0	0	0	0	0	0	9	253.57	Person_Portable
406	52	G13-12B	556923.50	4482810.78	0	0	0	0	0	0	9	8.85	Person_Portable
407	53	G13-12B	556923.10	4482809.95	0	0	0	0	0	0	9	19.53	Person_Portable
408	54	G13-12B	556921.80	4482809.30	0	0	0	0	0	0	9	94.83	Person_Portable
409	55	G13-12B	556919.90	4482809.85	0	0	0	0	0	0	9	15.23	Person_Portable
410	56	G13-12B	556919.55	4482808.10	0	0	0	0	0	0	9	41.44	Person_Portable
411	57	G13-12B	556918.95	4482807.00	0	0	0	0	0	0	9	64.58	Person_Portable
412	58	G13-12B	556919.10	4482805.80	0	0	0	0	0	0	9	43.08	Person_Portable
413	59	G13-12B	556917.15	4482805.15	0	0	0	0	0	0	9	49.27	Person_Portable
414	60	G13-12B	556915.95	4482804.00	0	0	0	0	0	0	9	36.71	Person_Portable
415	61	G13-12B	556913.55	4482800.85	0	0	0	0	0	0	9	27.60	Person_Portable
416	62	G13-12B	556914.30	4482803.70	0	0	0	0	0	0	9	60.60	Person_Portable
417	63	G13-12B	556913.65	4482805.88	0	0	0	0	0	0	9	2098.34	Person_Portable
418	64	G13-12B	556909.20	4482806.55	0	0	0	0	0	0	9	118.47	Person_Portable
419	65	G13-12B	556904.40	4482808.65	0	0	0	0	0	0	7	31.00	Person_Portable
420	66	G13-12B	556903.35	4482807.00	0	0	0	0	0	0	9	175.01	Person_Portable
421	67	G13-12B	556898.69	4482807.83	556913.593	4482833.86	556939.629	4482818.96	556924.726	4482792.93	8	999.00	Person_Portable
422	1	G13-13B	556921.50	4482829.95	0	0	0	0	0	0	9	40.01	Person_Portable
423	2	G13-13B	556922.70	4482829.20	0	0	0	0	0	0	9	35.43	Person_Portable
424	3	G13-13B	556924.91	4482828.28	0	0	0	0	0	0	9	95.44	Person_Portable
425	4	G13-13B	556925.08	4482830.33	0	0	0	0	0	0	9	47.78	Person_Portable
426	5	G13-13B	556926.75	4482831.45	0	0	0	0	0	0	9	77.51	Person_Portable
427	6	G13-13B	556925.40	4482833.85	0	0	0	0	0	0	9	105.19	Person_Portable
428	7	G13-13B	556926.40	4482836.45	0	0	0	0	0	0	9	1752.06	Person_Portable
429	8	G13-13B	556928.70	4482835.25	0	0	0	0	0	0	9	15.88	Person_Portable
430	9	G13-13B	556929.45	4482833.25	0	0	0	0	0	0	7	5.49	Person_Portable
431	10	G13-13B	556928.70	4482832.20	0	0	0	0	0	0	7	7.89	Person_Portable
432	11	G13-13B	556930.35	4482831.60	0	0	0	0	0	0	9	10.43	Person_Portable

2014 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
433	12	G13-13B	556931.55	4482832.50	0	0	0	0	0	0	9	39.37	Person_Portable
434	13	G13-13B	556934.10	4482832.95	0	0	0	0	0	0	9	72.15	Person_Portable
435	14	G13-13B	556933.97	4482830.60	0	0	0	0	0	0	9	29.72	Person_Portable
436	15	G13-13B	556931.85	4482828.60	0	0	0	0	0	0	9	42.80	Person_Portable
437	16	G13-13B	556932.00	4482825.90	0	0	0	0	0	0	9	43.48	Person_Portable
438	17	G13-13B	556932.22	4482824.63	0	0	0	0	0	0	9	30.91	Person_Portable
439	18	G13-13B	556933.90	4482824.51	0	0	0	0	0	0	9	42.50	Person_Portable
440	19	G13-13B	556939.20	4482826.20	0	0	0	0	0	0	9	58.65	Person_Portable
441	20	G13-13B	556940.10	4482827.70	0	0	0	0	0	0	9	56.61	Person_Portable
442	21	G13-13B	556938.75	4482830.10	0	0	0	0	0	0	9	56.18	Person_Portable
443	22	G13-13B	556942.35	4482830.70	0	0	0	0	0	0	9	12.56	Person_Portable
444	23	G13-13B	556943.99	4482833.48	0	0	0	0	0	0	9	34.38	Person_Portable
445	24	G13-13B	556941.98	4482832.65	0	0	0	0	0	0	9	33.18	Person_Portable
446	25	G13-13B	556940.85	4482833.70	0	0	0	0	0	0	9	59.52	Person_Portable
447	26	G13-13B	556939.80	4482831.90	0	0	0	0	0	0	9	40.35	Person_Portable
448	27	G13-13B	556938.30	4482832.20	0	0	0	0	0	0	9	34.47	Person_Portable
449	28	G13-13B	556938.30	4482833.55	0	0	0	0	0	0	9	32.43	Person_Portable
450	29	G13-13B	556938.45	4482835.35	0	0	0	0	0	0	9	12.91	Person_Portable
451	30	G13-13B	556933.05	4482836.70	0	0	0	0	0	0	9	33.37	Person_Portable
452	31	G13-13B	556931.10	4482834.75	0	0	0	0	0	0	9	7.67	Person_Portable
453	32	G13-13B	556930.65	4482836.45	0	0	0	0	0	0	9	11.98	Person_Portable
454	33	G13-13B	556931.10	4482837.60	0	0	0	0	0	0	9	13.30	Person_Portable
455	34	G13-13B	556928.94	4482838.28	0	0	0	0	0	0	9	17.80	Person_Portable
456	35	G13-13B	556930.35	4482840.90	0	0	0	0	0	0	9	57.07	Person_Portable
457	36	G13-13B	556929.15	4482840.45	0	0	0	0	0	0	9	61.48	Person_Portable
458	37	G13-13B	556926.24	4482839.61	0	0	0	0	0	0	9	779.79	Person_Portable
459	38	G13-13B	556923.15	4482837.30	0	0	0	0	0	0	9	62.09	Person_Portable
460	39	G13-13B	556923.00	4482838.65	0	0	0	0	0	0	9	95.18	Person_Portable
461	40	G13-13B	556922.10	4482839.85	0	0	0	0	0	0	9	50.29	Person_Portable
462	41	G13-13B	556919.85	4482840.45	0	0	0	0	0	0	9	28.80	Person_Portable
463	42	G13-13B	556919.70	4482843.15	0	0	0	0	0	0	9	170.87	Person_Portable
464	43	G13-13B	556918.20	4482840.45	0	0	0	0	0	0	9	36.41	Person_Portable
465	44	G13-13B	556920.45	4482837.35	0	0	0	0	0	0	9	51.66	Person_Portable
466	45	G13-13B	556916.10	4482832.85	0	0	0	0	0	0	9	20.54	Person_Portable
467	46	G13-13B	556913.56	4482833.86	556922.178	4482848.91	556946.084	4482835.89	556939.636	4482819.02	8	999.00	Person_Portable
468	47	G13-13B	556922.12	4482848.95	556928.444	4482859.89	556931.323	4482858.29	556925.28	4482847.28	8	999.00	Person_Portable

2014 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
469	1	G13-14B	556931.85	4482864.75	0	0	0	0	0	0	9	98.94	Person_Portable
470	2	G13-14B	556930.60	4482863.55	0	0	0	0	0	0	9	37.76	Person_Portable
471	3	G13-14B	556928.48	4482859.89	556943.356	4482885.91	556946.758	4482884.04	556931.278	4482858.24	8	999.00	Person_Portable
472	1	G13-15B	556943.34	4482885.92	556958.258	4482911.95	556960.651	4482910.7	556946.695	4482884	8	999.00	Person_Portable
473	1	G13-18B	557007.75	4482969.60	0	0	0	0	0	0	9	175.56	Person_Portable
474	2	G13-18B	557010.00	4482968.40	0	0	0	0	0	0	9	42.60	Person_Portable
475	3	G13-18B	557011.50	4482969.75	0	0	0	0	0	0	9	356.40	Person_Portable
476	4	G13-18B	557014.05	4482968.25	0	0	0	0	0	0	9	153.59	Person_Portable
477	5	G13-18B	557012.15	4482972.15	0	0	0	0	0	0	9	8.76	Person_Portable
478	6	G13-18B	557013.45	4482974.25	0	0	0	0	0	0	9	36.08	Person_Portable
479	7	G13-18B	557011.20	4482974.70	0	0	0	0	0	0	9	11.58	Person_Portable
480	8	G13-18B	557009.85	4482973.80	0	0	0	0	0	0	9	10.31	Person_Portable
481	9	G13-18B	557008.80	4482972.15	0	0	0	0	0	0	9	1303.58	Person_Portable
482	10	G13-18B	557006.55	4482972.90	0	0	0	0	0	0	9	102.51	Person_Portable
483	11	G13-18B	557005.35	4482973.65	0	0	0	0	0	0	9	64.27	Person_Portable
484	12	G13-18B	557004.60	4482975.15	0	0	0	0	0	0	9	122.77	Person_Portable
485	13	G13-18B	557009.55	4482980.70	0	0	0	0	0	0	9	35.73	Person_Portable
486	14	G13-18B	557012.40	4482982.80	0	0	0	0	0	0	9	64.71	Person_Portable
487	15	G13-18B	557009.85	4482982.65	0	0	0	0	0	0	9	16.40	Person_Portable
488	16	G13-18B	557008.80	4482984.05	0	0	0	0	0	0	9	15.58	Person_Portable
489	17	G13-18B	557007.15	4482984.15	0	0	0	0	0	0	9	52.86	Person_Portable
490	18	G13-18B	557006.70	4482987.75	0	0	0	0	0	0	9	46.77	Person_Portable
491	19	G13-18B	557000.55	4482984.45	0	0	0	0	0	0	9	25.82	Person_Portable
492	20	G13-18B	557000.10	4482982.20	0	0	0	0	0	0	9	66.96	Person_Portable
493	21	G13-18B	556995.64	4482977.34	557002.991	4482990.11	557022.856	4482978.76	557012.881	4482964.57	8	999.00	Person_Portable
494	1	G13-19B	557007.45	4482989.10	0	0	0	0	0	0	9	220.59	Person_Portable
495	2	G13-19B	557008.80	4482990.30	0	0	0	0	0	0	9	56.02	Person_Portable
496	3	G13-19B	557010.75	4482991.80	0	0	0	0	0	0	9	28.29	Person_Portable
497	4	G13-19B	557011.50	4482993.00	0	0	0	0	0	0	9	42.90	Person_Portable
498	5	G13-19B	557010.90	4482994.95	0	0	0	0	0	0	9	5.96	Person_Portable
499	6	G13-19B	557009.05	4482994.85	0	0	0	0	0	0	9	16.60	Person_Portable
500	7	G13-19B	557007.85	4482992.80	0	0	0	0	0	0	9	9.15	Person_Portable
501	8	G13-19B	557006.85	4482992.40	0	0	0	0	0	0	7	9.33	Person_Portable
502	9	G13-19B	557004.95	4482992.12	0	0	0	0	0	0	9	18.33	Person_Portable
503	10	G13-19B	557006.70	4482996.05	0	0	0	0	0	0	9	62.78	Person_Portable
504	11	G13-19B	557007.75	4482997.05	0	0	0	0	0	0	9	24.02	Person_Portable

2014 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
505	12	G13-19B	557008.15	4482999.05	0	0	0	0	0	0	9	67.90	Person_Portable
506	13	G13-19B	557009.85	4483000.65	0	0	0	0	0	0	9	12.12	Person_Portable
507	14	G13-19B	557010.60	4483001.85	0	0	0	0	0	0	9	9.18	Person_Portable
508	15	G13-19B	557011.35	4483003.20	0	0	0	0	0	0	9	13.15	Person_Portable
509	16	G13-19B	557013.30	4483003.80	0	0	0	0	0	0	9	39.18	Person_Portable
510	17	G13-19B	557014.95	4483006.50	0	0	0	0	0	0	9	44.03	Person_Portable
511	18	G13-19B	557013.30	4483008.00	0	0	0	0	0	0	9	12.68	Person_Portable
512	19	G13-19B	557014.92	4483010.78	0	0	0	0	0	0	7	8.58	Person_Portable
513	20	G13-19B	557016.60	4483008.00	0	0	0	0	0	0	9	103.22	Person_Portable
514	21	G13-19B	557016.60	4483006.20	0	0	0	0	0	0	9	81.30	Person_Portable
515	22	G13-19B	557021.25	4483006.95	0	0	0	0	0	0	9	34.15	Person_Portable
516	23	G13-19B	557021.45	4483008.45	0	0	0	0	0	0	9	50.06	Person_Portable
517	24	G13-19B	557023.50	4483008.00	0	0	0	0	0	0	9	10.69	Person_Portable
518	25	G13-19B	557024.70	4483008.45	0	0	0	0	0	0	9	13.76	Person_Portable
519	26	G13-19B	557026.20	4483009.65	0	0	0	0	0	0	9	62.30	Person_Portable
520	27	G13-19B	557027.10	4483008.30	0	0	0	0	0	0	9	71.71	Person_Portable
521	28	G13-19B	557026.95	4483006.50	0	0	0	0	0	0	9	54.03	Person_Portable
522	29	G13-19B	557026.64	4483004.48	0	0	0	0	0	0	9	85.12	Person_Portable
523	30	G13-19B	557025.00	4483002.70	0	0	0	0	0	0	9	45.77	Person_Portable
524	31	G13-19B	557023.35	4483004.70	0	0	0	0	0	0	9	72.59	Person_Portable
525	32	G13-19B	557022.42	4483001.71	0	0	0	0	0	0	9	5.12	Person_Portable
526	33	G13-19B	557021.55	4483000.35	0	0	0	0	0	0	9	20.47	Person_Portable
527	34	G13-19B	557024.10	4483001.40	0	0	0	0	0	0	9	88.40	Person_Portable
528	35	G13-19B	557026.18	4483000.66	0	0	0	0	0	0	9	133.96	Person_Portable
529	36	G13-19B	557024.80	4482998.90	0	0	0	0	0	0	9	30.74	Person_Portable
530	37	G13-19B	557022.75	4482996.30	0	0	0	0	0	0	9	40.25	Person_Portable
531	38	G13-19B	557022.75	4482994.65	0	0	0	0	0	0	9	73.54	Person_Portable
532	39	G13-19B	557025.45	4482993.75	0	0	0	0	0	0	9	33.85	Person_Portable
533	40	G13-19B	557024.40	4482993.30	0	0	0	0	0	0	9	7.99	Person_Portable
534	41	G13-19B	557022.90	4482990.75	0	0	0	0	0	0	9	64.28	Person_Portable
535	42	G13-19B	557021.10	4482994.80	0	0	0	0	0	0	9	42.55	Person_Portable
536	43	G13-19B	557015.70	4482996.15	0	0	0	0	0	0	9	105.46	Person_Portable
537	44	G13-19B	557015.40	4482999.90	0	0	0	0	0	0	9	38.93	Person_Portable
538	45	G13-19B	557012.70	4483001.10	0	0	0	0	0	0	9	82.54	Person_Portable
539	46	G13-19B	557011.20	4482998.75	0	0	0	0	0	0	9	18.92	Person_Portable
540	47	G13-19B	557009.85	4482997.80	0	0	0	0	0	0	9	28.81	Person_Portable

2014 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
541	48	G13-19B	557011.05	4482996.75	0	0	0	0	0	0	9	27.35	Person_Portable
542	49	G13-19B	557012.85	4482997.35	0	0	0	0	0	0	9	56.54	Person_Portable
543	50	G13-19B	557013.60	4482995.25	0	0	0	0	0	0	9	40.23	Person_Portable
544	51	G13-19B	557013.90	4482994.05	0	0	0	0	0	0	9	48.22	Person_Portable
545	52	G13-19B	557014.80	4482993.15	0	0	0	0	0	0	9	75.59	Person_Portable
546	53	G13-19B	557013.11	4482991.46	0	0	0	0	0	0	9	33.64	Person_Portable
547	54	G13-19B	557013.90	4482990.00	0	0	0	0	0	0	9	937.22	Person_Portable
548	55	G13-19B	557013.15	4482987.15	0	0	0	0	0	0	9	1330.81	Person_Portable
549	56	G13-19B	557012.85	4482985.05	0	0	0	0	0	0	9	2219.33	Person_Portable
550	57	G13-19B	557009.70	4482987.00	0	0	0	0	0	0	9	74.75	Person_Portable
551	58	G13-19B	557002.99	4482990.17	557017.874	4483016.17	557036.691	4483005.38	557022.821	4482978.73	8	999.00	Person_Portable
552	1	G13-20B	557022.15	4483015.94	0	0	0	0	0	0	9	28.75	Person_Portable
553	2	G13-20B	557017.87	4483016.13	557032.764	4483042.15	557045.111	4483035.1	557036.611	4483005.39	8	999.00	Person_Portable
554	1	TDSA6-1	554896.74	4481457.26	0	0	0	0	0	0	1	44.79	Person_Portable
555	1	TDSA6-2	554998.21	4481414.04	0	0	0	0	0	0	7	6.25	Person_Portable
556	1	TDSA6-3	555098.67	4481417.07	0	0	0	0	0	0	1	23.59	Person_Portable
557	2	TDSA6-3	555095.56	4481486.76	0	0	0	0	0	0	6	3.64	Person_Portable
558	3	TDSA6-3	555096.37	4481492.15	0	0	0	0	0	0	1	11.47	Person_Portable
559	1	TDSA6-4	555196.27	4481439.33	0	0	0	0	0	0	1	72.56	Person_Portable
560	1	TDSA4-1	555499.49	4481652.45	0	0	0	0	0	0	7	5.65	Person_Portable
561	1	TDSA4-3	555698.17	4481706.00	0	0	0	0	0	0	7	4.77	Person_Portable
562	1	TDSA4-6	555996.55	4481701.64	0	0	0	0	0	0	1	10.55	Person_Portable
563	2	TDSA4-6	555994.70	4481710.05	0	0	0	0	0	0	1	31.52	Person_Portable
564	1	TDSA4-7	556098.41	4481638.68	0	0	0	0	0	0	6	3.96	Person_Portable
565	2	TDSA4-7	556081.04	4481732.23	0	0	0	0	0	0	6	3.60	Person_Portable
566	1	TDSA4-8	556196.34	4481752.89	0	0	0	0	0	0	1	46.95	Person_Portable
567	1	TDSA4-10	556395.17	4481864.59	0	0	0	0	0	0	1	208.58	Person_Portable
568	1	TDSA4-17	557091.95	4482585.05	0	0	0	0	0	0	1	90.31	Person_Portable
569	1	TDSA4-18	557180.32	4482609.87	0	0	0	0	0	0	1	157.27	Person_Portable
570	2	TDSA4-18	557180.12	4482613.23	0	0	0	0	0	0	7	4.54	Person_Portable
571	1	TDSA4-19	557244.43	4482704.49	0	0	0	0	0	0	7	5.11	Person_Portable
572	2	TDSA4-19	557232.35	4482733.58	0	0	0	0	0	0	1	36.17	Person_Portable
573	3	TDSA4-19	557225.98	4482740.39	0	0	0	0	0	0	7	4.57	Person_Portable
		TDSA4-2									NO TARGETS		Person_Portable
		TDSA4-4									NO TARGETS		Person_Portable
		TDSA4-5									NO TARGETS		Person_Portable

2014 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
		TDSA4-9									NO TARGETS		Person_Portable
		TDSA4-11									NO TARGETS		Person_Portable
		TDSA4-12									NO TARGETS		Person_Portable
		TDSA4-13									NO TARGETS		Person_Portable
		TDSA4-14									NO TARGETS		Person_Portable
		TDSA4-15									NO TARGETS		Person_Portable

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1	1	T12TR-4	556074.90	4482033.15	0	0	0	0	0	0	1	89.80	3Coil_Towed_Array
2	2	T12TR-4	556105.17	4482038.36	0	0	0	0	0	0	1	10.17	3Coil_Towed_Array
3	3	T12TR-4	556121.55	4482043.80	0	0	0	0	0	0	1	4.13	3Coil_Towed_Array
4	4	T12TR-4	556131.88	4482044.87	0	0	0	0	0	0	1	751.40	3Coil_Towed_Array
5	5	T12TR-4	556156.80	4482054.45	0	0	0	0	0	0	7	4.84	3Coil_Towed_Array
6	6	T12TR-4	556158.15	4482055.50	0	0	0	0	0	0	7	5.50	3Coil_Towed_Array
7	7	T12TR-4	556160.25	4482055.80	0	0	0	0	0	0	1	26.19	3Coil_Towed_Array
8	8	T12TR-4	556161.30	4482055.95	0	0	0	0	0	0	1	21.36	3Coil_Towed_Array
9	9	T12TR-4	556168.35	4482058.65	0	0	0	0	0	0	7	6.22	3Coil_Towed_Array
10	10	T12TR-4	556177.20	4482066.15	0	0	0	0	0	0	1	14.78	3Coil_Towed_Array
11	11	T12TR-4	556180.50	4482067.95	0	0	0	0	0	0	7	5.24	3Coil_Towed_Array
12	12	T12TR-4	556182.30	4482067.80	0	0	0	0	0	0	1	47.04	3Coil_Towed_Array
13	13	T12TR-4	556183.65	4482069.75	0	0	0	0	0	0	1	25.79	3Coil_Towed_Array
14	14	T12TR-4	556187.10	4482069.30	0	0	0	0	0	0	7	4.15	3Coil_Towed_Array
15	15	T12TR-4	556187.40	4482070.95	0	0	0	0	0	0	1	14.84	3Coil_Towed_Array
16	1	T12TR-5	556037.56	4482048.30	0	0	0	0	0	0	1	27.25	3Coil_Towed_Array
17	2	T12TR-5	556095.60	4482060.60	0	0	0	0	0	0	7	8.94	3Coil_Towed_Array
18	3	T12TR-5	556096.50	4482062.40	0	0	0	0	0	0	1	368.58	3Coil_Towed_Array
19	4	T12TR-5	556098.60	4482062.40	0	0	0	0	0	0	1	90.14	3Coil_Towed_Array
20	5	T12TR-5	556100.40	4482061.50	0	0	0	0	0	0	1	21.52	3Coil_Towed_Array
21	6	T12TR-5	556105.08	4482065.57	0	0	0	0	0	0	1	47.44	3Coil_Towed_Array
22	7	T12TR-5	556114.20	4482069.60	0	0	0	0	0	0	7	5.65	3Coil_Towed_Array
23	8	T12TR-5	556114.35	4482070.95	0	0	0	0	0	0	7	7.31	3Coil_Towed_Array
24	9	T12TR-5	556151.55	4482084.75	0	0	0	0	0	0	13	34.77	3Coil_Towed_Array
25	10	T12TR-5	556160.25	4482087.75	0	0	0	0	0	0	1	15.38	3Coil_Towed_Array
26	11	T12TR-5	556162.20	4482088.50	0	0	0	0	0	0	1	17.35	3Coil_Towed_Array
27	12	T12TR-5	556163.85	4482091.20	0	0	0	0	0	0	7	4.05	3Coil_Towed_Array
28	13	T12TR-5	556163.94	4482089.14	0	0	0	0	0	0	13	5.29	3Coil_Towed_Array
29	14	T12TR-5	556171.64	4482091.86	0	0	0	0	0	0	13	4.24	3Coil_Towed_Array
30	15	T12TR-5	556180.05	4482095.10	0	0	0	0	0	0	7	5.30	3Coil_Towed_Array
31	16	T12TR-5	556182.60	4482096.15	0	0	0	0	0	0	1	16.44	3Coil_Towed_Array
32	17	T12TR-5	556183.65	4482096.60	0	0	0	0	0	0	7	8.16	3Coil_Towed_Array
33	18	T12TR-5	556186.05	4482098.55	0	0	0	0	0	0	7	8.04	3Coil_Towed_Array
34	19	T12TR-5	556187.14	4482099.78	0	0	0	0	0	0	1	14.30	3Coil_Towed_Array
35	20	T12TR-5	556192.35	4482099.15	0	0	0	0	0	0	1	114.71	3Coil_Towed_Array
36	21	T12TR-5	556198.95	4482103.80	0	0	0	0	0	0	1	19.26	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
37	22	T12TR-5	556203.17	4482104.67	0	0	0	0	0	0	1	74.80	3Coil_Towed_Array
38	23	T12TR-5	556205.40	4482107.25	0	0	0	0	0	0	7	11.35	3Coil_Towed_Array
39	24	T12TR-5	556206.75	4482105.75	0	0	0	0	0	0	1	59.09	3Coil_Towed_Array
40	25	T12TR-5	556206.70	4482107.22	0	0	0	0	0	0	1	17.54	3Coil_Towed_Array
41	26	T12TR-5	556208.10	4482108.72	0	0	0	0	0	0	1	15.59	3Coil_Towed_Array
42	1	T12TR-6	556247.10	4482153.30	0	0	0	0	0	0	3	37.37	3Coil_Towed_Array
43	2	T12TR-6	556248.39	4482152.16	0	0	0	0	0	0	3	60.02	3Coil_Towed_Array
44	3	T12TR-6	556251.15	4482153.30	0	0	0	0	0	0	3	103.74	3Coil_Towed_Array
45	4	T12TR-6	556253.55	4482153.45	0	0	0	0	0	0	3	6.49	3Coil_Towed_Array
46	5	T12TR-6	556260.60	4482153.90	0	0	0	0	0	0	7	6.68	3Coil_Towed_Array
47	6	T12TR-6	556265.55	4482155.70	0	0	0	0	0	0	1	87.86	3Coil_Towed_Array
48	7	T12TR-6	556273.05	4482159.30	0	0	0	0	0	0	1	4.63	3Coil_Towed_Array
49	8	T12TR-6	556278.45	4482159.15	0	0	0	0	0	0	1	6.07	3Coil_Towed_Array
50	9	T12TR-6	556293.15	4482164.25	0	0	0	0	0	0	1	13.91	3Coil_Towed_Array
51	10	T12TR-6	556294.20	4482166.65	0	0	0	0	0	0	1	7.61	3Coil_Towed_Array
52	11	T12TR-6	556296.00	4482165.00	0	0	0	0	0	0	1	36.13	3Coil_Towed_Array
53	12	T12TR-6	556304.70	4482169.80	0	0	0	0	0	0	1	21.19	3Coil_Towed_Array
54	13	T12TR-6	556312.95	4482171.30	0	0	0	0	0	0	13	49.51	3Coil_Towed_Array
55	14	T12TR-6	556329.90	4482176.40	0	0	0	0	0	0	7	6.72	3Coil_Towed_Array
56	15	T12TR-6	556339.50	4482180.90	0	0	0	0	0	0	7	5.31	3Coil_Towed_Array
57	16	T12TR-6	556345.20	4482185.40	0	0	0	0	0	0	1	849.14	3Coil_Towed_Array
58	17	T12TR-6	556350.78	4482187.22	0	0	0	0	0	0	1	4.98	3Coil_Towed_Array
59	18	T12TR-6	556351.95	4482187.65	0	0	0	0	0	0	1	42.53	3Coil_Towed_Array
60	19	T12TR-6	556365.30	4482191.85	0	0	0	0	0	0	1	90.28	3Coil_Towed_Array
61	20	T12TR-6	556376.70	4482198.60	0	0	0	0	0	0	7	5.02	3Coil_Towed_Array
62	21	T12TR-6	556385.10	4482203.10	0	0	0	0	0	0	7	5.46	3Coil_Towed_Array
63	1	T12TR-7	556331.94	4482211.43	0	0	0	0	0	0	1	6.50	3Coil_Towed_Array
64	2	T12TR-7	556336.95	4482212.85	0	0	0	0	0	0	7	4.50	3Coil_Towed_Array
65	3	T12TR-7	556342.65	4482212.25	0	0	0	0	0	0	1	10.81	3Coil_Towed_Array
66	4	T12TR-7	556344.75	4482213.00	0	0	0	0	0	0	1	8.75	3Coil_Towed_Array
67	5	T12TR-7	556347.30	4482216.30	0	0	0	0	0	0	1	34.32	3Coil_Towed_Array
68	6	T12TR-7	556354.80	4482219.60	0	0	0	0	0	0	1	9.41	3Coil_Towed_Array
69	7	T12TR-7	556356.00	4482217.95	0	0	0	0	0	0	7	4.90	3Coil_Towed_Array
70	8	T12TR-7	556356.15	4482220.20	0	0	0	0	0	0	1	14.23	3Coil_Towed_Array
71	9	T12TR-7	556359.45	4482219.30	0	0	0	0	0	0	3	6.38	3Coil_Towed_Array
72	10	T12TR-7	556360.65	4482220.95	0	0	0	0	0	0	3	11.87	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
73	11	T12TR-7	556362.00	4482220.50	0	0	0	0	0	0	3	25.86	3Coil_Towed_Array
74	12	T12TR-7	556362.90	4482222.00	0	0	0	0	0	0	3	12.00	3Coil_Towed_Array
75	13	T12TR-7	556365.00	4482222.00	0	0	0	0	0	0	3	13.02	3Coil_Towed_Array
76	14	T12TR-7	556366.05	4482222.60	0	0	0	0	0	0	3	7.38	3Coil_Towed_Array
77	15	T12TR-7	556369.05	4482225.15	0	0	0	0	0	0	7	5.46	3Coil_Towed_Array
78	16	T12TR-7	556375.35	4482225.30	0	0	0	0	0	0	3	46.27	3Coil_Towed_Array
79	17	T12TR-7	556377.60	4482226.20	0	0	0	0	0	0	3	26.09	3Coil_Towed_Array
80	18	T12TR-7	556379.79	4482227.02	0	0	0	0	0	0	7	7.94	3Coil_Towed_Array
81	19	T12TR-7	556383.15	4482226.05	0	0	0	0	0	0	13	5.08	3Coil_Towed_Array
82	20	T12TR-7	556394.85	4482226.50	0	0	0	0	0	0	1	5.35	3Coil_Towed_Array
83	21	T12TR-7	556396.20	4482227.10	0	0	0	0	0	0	7	4.18	3Coil_Towed_Array
84	22	T12TR-7	556398.30	4482228.00	0	0	0	0	0	0	7	4.32	3Coil_Towed_Array
85	23	T12TR-7	556402.20	4482230.40	0	0	0	0	0	0	13	4.62	3Coil_Towed_Array
86	24	T12TR-7	556403.40	4482229.65	0	0	0	0	0	0	13	17.18	3Coil_Towed_Array
87	25	T12TR-7	556405.35	4482230.55	0	0	0	0	0	0	13	54.63	3Coil_Towed_Array
88	26	T12TR-7	556421.70	4482238.95	0	0	0	0	0	0	1	27.05	3Coil_Towed_Array
89	27	T12TR-7	556426.35	4482240.30	0	0	0	0	0	0	13	6.33	3Coil_Towed_Array
90	28	T12TR-7	556428.45	4482239.70	0	0	0	0	0	0	1	5.01	3Coil_Towed_Array
91	29	T12TR-7	556430.23	4482240.25	0	0	0	0	0	0	13	9.61	3Coil_Towed_Array
92	30	T12TR-7	556435.51	4482241.68	0	0	0	0	0	0	1	62.35	3Coil_Towed_Array
93	31	T12TR-7	556452.60	4482247.50	0	0	0	0	0	0	1	11.00	3Coil_Towed_Array
94	32	T12TR-7	556455.15	4482248.40	0	0	0	0	0	0	1	45.37	3Coil_Towed_Array
95	33	T12TR-7	556457.55	4482248.40	0	0	0	0	0	0	7	6.02	3Coil_Towed_Array
96	34	T12TR-7	556461.30	4482249.90	0	0	0	0	0	0	1	9.11	3Coil_Towed_Array
97	35	T12TR-7	556468.43	4482253.46	0	0	0	0	0	0	1	32.79	3Coil_Towed_Array
98	1	T12TR-8	556450.05	4482275.25	0	0	0	0	0	0	3	9.82	3Coil_Towed_Array
99	2	T12TR-8	556452.45	4482275.25	0	0	0	0	0	0	3	9.68	3Coil_Towed_Array
100	3	T12TR-8	556452.89	4482276.63	0	0	0	0	0	0	7	6.02	3Coil_Towed_Array
101	4	T12TR-8	556453.43	4482275.31	0	0	0	0	0	0	3	8.97	3Coil_Towed_Array
102	5	T12TR-8	556454.47	4482277.53	0	0	0	0	0	0	3	5.34	3Coil_Towed_Array
103	6	T12TR-8	556454.25	4482276.15	0	0	0	0	0	0	3	5.08	3Coil_Towed_Array
104	7	T12TR-8	556456.83	4482277.56	0	0	0	0	0	0	3	5.88	3Coil_Towed_Array
105	8	T12TR-8	556458.15	4482279.15	0	0	0	0	0	0	3	154.48	3Coil_Towed_Array
106	9	T12TR-8	556461.84	4482282.54	0	0	0	0	0	0	13	6.04	3Coil_Towed_Array
107	10	T12TR-8	556463.85	4482282.15	0	0	0	0	0	0	3	7.94	3Coil_Towed_Array
108	11	T12TR-8	556464.75	4482282.75	0	0	0	0	0	0	7	6.82	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
109	12	T12TR-8	556465.05	4482284.10	0	0	0	0	0	0	3	10.81	3Coil_Towed_Array
110	13	T12TR-8	556466.70	4482286.80	0	0	0	0	0	0	3	9.39	3Coil_Towed_Array
111	14	T12TR-8	556466.85	4482284.40	0	0	0	0	0	0	3	83.35	3Coil_Towed_Array
112	15	T12TR-8	556468.05	4482287.85	0	0	0	0	0	0	3	7.18	3Coil_Towed_Array
113	16	T12TR-8	556468.54	4482285.76	0	0	0	0	0	0	3	10.55	3Coil_Towed_Array
114	17	T12TR-8	556470.00	4482289.05	0	0	0	0	0	0	3	7.23	3Coil_Towed_Array
115	18	T12TR-8	556472.10	4482288.00	0	0	0	0	0	0	3	12.48	3Coil_Towed_Array
116	19	T12TR-8	556472.10	4482290.25	0	0	0	0	0	0	3	15.49	3Coil_Towed_Array
117	20	T12TR-8	556472.55	4482289.35	0	0	0	0	0	0	7	7.59	3Coil_Towed_Array
118	21	T12TR-8	556473.45	4482290.85	0	0	0	0	0	0	3	30.01	3Coil_Towed_Array
119	22	T12TR-8	556474.95	4482291.45	0	0	0	0	0	0	3	28.51	3Coil_Towed_Array
120	23	T12TR-8	556475.82	4482290.16	0	0	0	0	0	0	3	5.52	3Coil_Towed_Array
121	24	T12TR-8	556477.09	4482292.13	0	0	0	0	0	0	7	9.78	3Coil_Towed_Array
122	25	T12TR-8	556479.75	4482292.65	0	0	0	0	0	0	1	32.71	3Coil_Towed_Array
123	26	T12TR-8	556487.40	4482293.10	0	0	0	0	0	0	7	5.70	3Coil_Towed_Array
124	27	T12TR-8	556501.12	4482297.55	0	0	0	0	0	0	1	224.87	3Coil_Towed_Array
125	28	T12TR-8	556504.80	4482300.45	0	0	0	0	0	0	1	10.65	3Coil_Towed_Array
126	29	T12TR-8	556508.55	4482299.10	0	0	0	0	0	0	1	47.39	3Coil_Towed_Array
127	30	T12TR-8	556512.75	4482302.25	0	0	0	0	0	0	1	18.39	3Coil_Towed_Array
128	31	T12TR-8	556519.80	4482302.70	0	0	0	0	0	0	7	4.30	3Coil_Towed_Array
129	1	T12TR-9	556517.55	4482334.65	0	0	0	0	0	0	3	929.54	3Coil_Towed_Array
130	2	T12TR-9	556522.65	4482337.20	0	0	0	0	0	0	3	14.97	3Coil_Towed_Array
131	3	T12TR-9	556526.03	4482337.08	0	0	0	0	0	0	3	18.52	3Coil_Towed_Array
132	4	T12TR-9	556528.05	4482339.15	0	0	0	0	0	0	7	21.64	3Coil_Towed_Array
133	5	T12TR-9	556529.40	4482337.35	0	0	0	0	0	0	13	6.57	3Coil_Towed_Array
134	6	T12TR-9	556530.35	4482338.71	0	0	0	0	0	0	3	54.81	3Coil_Towed_Array
135	7	T12TR-9	556531.05	4482337.50	0	0	0	0	0	0	3	16.44	3Coil_Towed_Array
136	8	T12TR-9	556538.25	4482340.05	0	0	0	0	0	0	13	4.04	3Coil_Towed_Array
137	9	T12TR-9	556553.52	4482346.27	0	0	0	0	0	0	1	10.30	3Coil_Towed_Array
138	10	T12TR-9	556570.80	4482351.60	0	0	0	0	0	0	7	5.40	3Coil_Towed_Array
139	1	T12TR-10	555853.39	4482060.18	0	0	0	0	0	0	1	4.07	3Coil_Towed_Array
140	2	T12TR-10	555866.55	4482065.40	0	0	0	0	0	0	7	10.12	3Coil_Towed_Array
141	3	T12TR-10	555868.23	4482064.71	0	0	0	0	0	0	7	4.99	3Coil_Towed_Array
142	4	T12TR-10	555868.84	4482067.67	0	0	0	0	0	0	3	5456.58	3Coil_Towed_Array
143	5	T12TR-10	555885.45	4482073.93	0	0	0	0	0	0	3	91.56	3Coil_Towed_Array
144	6	T12TR-10	555886.90	4482073.02	0	0	0	0	0	0	3	460.92	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
145	7	T12TR-10	555887.27	4482074.93	0	0	0	0	0	0	3	133.51	3Coil_Towed_Array
146	8	T12TR-10	555891.00	4482074.10	0	0	0	0	0	0	7	7.44	3Coil_Towed_Array
147	9	T12TR-10	555901.65	4482076.05	0	0	0	0	0	0	1	9.68	3Coil_Towed_Array
148	10	T12TR-10	555906.90	4482077.25	0	0	0	0	0	0	1	134.04	3Coil_Towed_Array
149	11	T12TR-10	555908.55	4482078.75	0	0	0	0	0	0	7	4.34	3Coil_Towed_Array
150	12	T12TR-10	555912.00	4482080.10	0	0	0	0	0	0	1	7.57	3Coil_Towed_Array
151	13	T12TR-10	555931.20	4482083.70	0	0	0	0	0	0	1	63.10	3Coil_Towed_Array
152	14	T12TR-10	555935.08	4482084.31	0	0	0	0	0	0	1	25.94	3Coil_Towed_Array
153	15	T12TR-10	555939.45	4482085.50	0	0	0	0	0	0	1	5.58	3Coil_Towed_Array
154	16	T12TR-10	555940.50	4482086.70	0	0	0	0	0	0	1	13.93	3Coil_Towed_Array
155	17	T12TR-10	555944.70	4482087.60	0	0	0	0	0	0	1	5.82	3Coil_Towed_Array
156	18	T12TR-10	555954.30	4482090.60	0	0	0	0	0	0	1	8.28	3Coil_Towed_Array
157	19	T12TR-10	555965.22	4482092.26	0	0	0	0	0	0	1	278.83	3Coil_Towed_Array
158	20	T12TR-10	555978.90	4482095.70	0	0	0	0	0	0	1	10.30	3Coil_Towed_Array
159	21	T12TR-10	555984.90	4482096.30	0	0	0	0	0	0	1	57.09	3Coil_Towed_Array
160	22	T12TR-10	555988.05	4482095.40	0	0	0	0	0	0	7	4.46	3Coil_Towed_Array
161	23	T12TR-10	555989.40	4482096.00	0	0	0	0	0	0	1	7.88	3Coil_Towed_Array
162	24	T12TR-10	556003.20	4482106.50	0	0	0	0	0	0	1	4.85	3Coil_Towed_Array
163	1	T12TR-11	556142.25	4482182.70	0	0	0	0	0	0	1	10.35	3Coil_Towed_Array
164	2	T12TR-11	556157.40	4482189.45	0	0	0	0	0	0	1	6.36	3Coil_Towed_Array
165	3	T12TR-11	556164.75	4482193.50	0	0	0	0	0	0	1	5.35	3Coil_Towed_Array
166	4	T12TR-11	556184.70	4482200.10	0	0	0	0	0	0	3	578.27	3Coil_Towed_Array
167	5	T12TR-11	556186.65	4482199.95	0	0	0	0	0	0	13	526.82	3Coil_Towed_Array
168	6	T12TR-11	556188.30	4482199.50	0	0	0	0	0	0	3	815.69	3Coil_Towed_Array
169	7	T12TR-11	556190.85	4482202.35	0	0	0	0	0	0	3	156.90	3Coil_Towed_Array
170	8	T12TR-11	556191.15	4482201.45	0	0	0	0	0	0	3	247.79	3Coil_Towed_Array
171	9	T12TR-11	556192.50	4482201.90	0	0	0	0	0	0	3	364.09	3Coil_Towed_Array
172	10	T12TR-11	556193.10	4482203.10	0	0	0	0	0	0	3	455.19	3Coil_Towed_Array
173	11	T12TR-11	556194.75	4482201.30	0	0	0	0	0	0	3	263.82	3Coil_Towed_Array
174	12	T12TR-11	556195.80	4482202.50	0	0	0	0	0	0	3	1109.88	3Coil_Towed_Array
175	13	T12TR-11	556198.20	4482201.75	0	0	0	0	0	0	3	184.95	3Coil_Towed_Array
176	14	T12TR-11	556198.20	4482203.70	0	0	0	0	0	0	3	214.18	3Coil_Towed_Array
177	15	T12TR-11	556201.80	4482202.35	0	0	0	0	0	0	3	470.89	3Coil_Towed_Array
178	16	T12TR-11	556202.85	4482201.30	0	0	0	0	0	0	3	668.30	3Coil_Towed_Array
179	17	T12TR-11	556203.60	4482202.60	0	0	0	0	0	0	3	642.85	3Coil_Towed_Array
180	18	T12TR-11	556205.10	4482201.27	0	0	0	0	0	0	3	132.44	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
181	19	T12TR-11	556207.65	4482202.35	0	0	0	0	0	0	3	115.61	3Coil_Towed_Array
182	20	T12TR-11	556209.90	4482203.25	0	0	0	0	0	0	3	54.58	3Coil_Towed_Array
183	21	T12TR-11	556211.40	4482201.30	0	0	0	0	0	0	3	13.29	3Coil_Towed_Array
184	22	T12TR-11	556211.70	4482202.65	0	0	0	0	0	0	3	44.43	3Coil_Towed_Array
185	23	T12TR-11	556214.40	4482203.10	0	0	0	0	0	0	1	11.12	3Coil_Towed_Array
186	24	T12TR-11	556215.94	4482203.05	0	0	0	0	0	0	1	9.26	3Coil_Towed_Array
187	25	T12TR-11	556218.15	4482203.85	0	0	0	0	0	0	1	12.88	3Coil_Towed_Array
188	26	T12TR-11	556221.00	4482203.70	0	0	0	0	0	0	1	6.09	3Coil_Towed_Array
189	27	T12TR-11	556222.42	4482205.76	0	0	0	0	0	0	1	50.56	3Coil_Towed_Array
190	28	T12TR-11	556226.25	4482208.35	0	0	0	0	0	0	1	124.04	3Coil_Towed_Array
191	29	T12TR-11	556226.25	4482206.10	0	0	0	0	0	0	1	19.79	3Coil_Towed_Array
192	30	T12TR-11	556227.60	4482206.70	0	0	0	0	0	0	1	7.53	3Coil_Towed_Array
193	31	T12TR-11	556229.51	4482208.86	0	0	0	0	0	0	1	4.55	3Coil_Towed_Array
194	32	T12TR-11	556234.78	4482210.30	0	0	0	0	0	0	3	2355.83	3Coil_Towed_Array
195	33	T12TR-11	556237.93	4482211.61	0	0	0	0	0	0	3	535.03	3Coil_Towed_Array
196	34	T12TR-11	556239.75	4482212.55	0	0	0	0	0	0	3	34.20	3Coil_Towed_Array
197	35	T12TR-11	556240.65	4482213.15	0	0	0	0	0	0	3	52.19	3Coil_Towed_Array
198	36	T12TR-11	556241.70	4482214.65	0	0	0	0	0	0	3	26.89	3Coil_Towed_Array
199	37	T12TR-11	556243.08	4482214.29	0	0	0	0	0	0	3	9.96	3Coil_Towed_Array
200	38	T12TR-11	556243.35	4482215.55	0	0	0	0	0	0	3	21.86	3Coil_Towed_Array
201	39	T12TR-11	556244.85	4482214.05	0	0	0	0	0	0	3	23.41	3Coil_Towed_Array
202	40	T12TR-11	556245.07	4482215.33	0	0	0	0	0	0	3	59.19	3Coil_Towed_Array
203	41	T12TR-11	556246.65	4482217.05	0	0	0	0	0	0	1	5.22	3Coil_Towed_Array
204	1	T12TR-12	555875.10	4482127.65	0	0	0	0	0	0	1	37.91	3Coil_Towed_Array
205	2	T12TR-12	556163.05	4482220.24	0	0	0	0	0	0	1	19.39	3Coil_Towed_Array
206	3	T12TR-12	556165.65	4482221.70	0	0	0	0	0	0	1	4.44	3Coil_Towed_Array
207	4	T12TR-12	556180.95	4482227.25	0	0	0	0	0	0	1	21.42	3Coil_Towed_Array
208	5	T12TR-12	556184.70	4482228.60	0	0	0	0	0	0	1	6.88	3Coil_Towed_Array
209	6	T12TR-12	556187.70	4482229.20	0	0	0	0	0	0	1	8.81	3Coil_Towed_Array
210	7	T12TR-12	556188.38	4482227.35	0	0	0	0	0	0	12	3.15	3Coil_Towed_Array
211	8	T12TR-12	556194.90	4482231.60	0	0	0	0	0	0	1	611.30	3Coil_Towed_Array
212	9	T12TR-12	556195.58	4482230.45	0	0	0	0	0	0	1	68.22	3Coil_Towed_Array
213	10	T12TR-12	556196.89	4482232.27	0	0	0	0	0	0	1	85.24	3Coil_Towed_Array
214	11	T12TR-12	556198.48	4482231.46	0	0	0	0	0	0	1	16.88	3Coil_Towed_Array
215	12	T12TR-12	556201.80	4482234.00	0	0	0	0	0	0	1	7.53	3Coil_Towed_Array
216	13	T12TR-12	556206.90	4482235.95	0	0	0	0	0	0	1	9.74	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
217	14	T12TR-12	556212.66	4482237.85	0	0	0	0	0	0	1	69.91	3Coil_Towed_Array
218	15	T12TR-12	556213.80	4482236.70	0	0	0	0	0	0	1	72.39	3Coil_Towed_Array
219	16	T12TR-12	556215.15	4482238.05	0	0	0	0	0	0	1	121.27	3Coil_Towed_Array
220	17	T12TR-12	556220.25	4482239.85	0	0	0	0	0	0	1	77.40	3Coil_Towed_Array
221	18	T12TR-12	556222.35	4482239.70	0	0	0	0	0	0	7	5.32	3Coil_Towed_Array
222	19	T12TR-12	556229.85	4482242.40	0	0	0	0	0	0	1	5.04	3Coil_Towed_Array
223	20	T12TR-12	556233.45	4482244.80	0	0	0	0	0	0	7	4.32	3Coil_Towed_Array
224	21	T12TR-12	556234.95	4482245.25	0	0	0	0	0	0	1	11.08	3Coil_Towed_Array
225	22	T12TR-12	556236.45	4482245.85	0	0	0	0	0	0	1	11.65	3Coil_Towed_Array
226	23	T12TR-12	556237.95	4482245.25	0	0	0	0	0	0	1	7.35	3Coil_Towed_Array
227	24	T12TR-12	556241.10	4482248.40	0	0	0	0	0	0	1	24.91	3Coil_Towed_Array
228	25	T12TR-12	556242.56	4482248.55	0	0	0	0	0	0	1	28.00	3Coil_Towed_Array
229	26	T12TR-12	556243.70	4482247.29	0	0	0	0	0	0	1	14.55	3Coil_Towed_Array
230	27	T12TR-12	556245.87	4482249.14	0	0	0	0	0	0	1	10.32	3Coil_Towed_Array
231	28	T12TR-12	556246.50	4482250.35	0	0	0	0	0	0	1	12.45	3Coil_Towed_Array
232	29	T12TR-12	556247.40	4482249.75	0	0	0	0	0	0	7	9.71	3Coil_Towed_Array
233	1	T12TR-13	556149.31	4482249.43	0	0	0	0	0	0	1	9.56	3Coil_Towed_Array
234	2	T12TR-13	556156.65	4482253.95	0	0	0	0	0	0	1	9.24	3Coil_Towed_Array
235	3	T12TR-13	556158.00	4482253.35	0	0	0	0	0	0	1	4.14	3Coil_Towed_Array
236	4	T12TR-13	556162.49	4482254.98	0	0	0	0	0	0	12	2.79	3Coil_Towed_Array
237	5	T12TR-13	556163.70	4482255.41	0	0	0	0	0	0	12	3.04	3Coil_Towed_Array
238	6	T12TR-13	556163.85	4482256.50	0	0	0	0	0	0	1	5.60	3Coil_Towed_Array
239	7	T12TR-13	556168.20	4482255.75	0	0	0	0	0	0	1	15.60	3Coil_Towed_Array
240	8	T12TR-13	556169.40	4482257.10	0	0	0	0	0	0	1	24.23	3Coil_Towed_Array
241	9	T12TR-13	556186.05	4482260.70	0	0	0	0	0	0	1	13.86	3Coil_Towed_Array
242	10	T12TR-13	556189.65	4482261.90	0	0	0	0	0	0	1	10.68	3Coil_Towed_Array
243	11	T12TR-13	556226.70	4482273.15	0	0	0	0	0	0	1	5.52	3Coil_Towed_Array
244	12	T12TR-13	556229.85	4482275.25	0	0	0	0	0	0	1	12.32	3Coil_Towed_Array
245	13	T12TR-13	556231.54	4482275.39	0	0	0	0	0	0	1	20.42	3Coil_Towed_Array
246	14	T12TR-13	556232.63	4482276.45	0	0	0	0	0	0	1	9.43	3Coil_Towed_Array
247	15	T12TR-13	556234.47	4482277.81	0	0	0	0	0	0	1	5.97	3Coil_Towed_Array
248	16	T12TR-13	556235.55	4482276.00	0	0	0	0	0	0	1	12.38	3Coil_Towed_Array
249	17	T12TR-13	556236.04	4482277.90	0	0	0	0	0	0	1	14.02	3Coil_Towed_Array
250	18	T12TR-13	556236.90	4482276.45	0	0	0	0	0	0	1	13.08	3Coil_Towed_Array
251	19	T12TR-13	556240.95	4482278.85	0	0	0	0	0	0	1	18.41	3Coil_Towed_Array
252	20	T12TR-13	556242.45	4482278.25	0	0	0	0	0	0	1	14.43	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
253	21	T12TR-13	556242.53	4482279.94	0	0	0	0	0	0	1	19.15	3Coil_Towed_Array
254	1	T12TR-14	556227.28	4482306.75	0	0	0	0	0	0	1	5.70	3Coil_Towed_Array
255	2	T12TR-14	556235.39	4482309.18	0	0	0	0	0	0	1	13.63	3Coil_Towed_Array
256	3	T12TR-14	556237.35	4482310.05	0	0	0	0	0	0	1	7.85	3Coil_Towed_Array
257	4	T12TR-14	556245.15	4482312.75	0	0	0	0	0	0	7	4.07	3Coil_Towed_Array
258	5	T12TR-14	556250.10	4482314.40	0	0	0	0	0	0	1	5.22	3Coil_Towed_Array
259	6	T12TR-14	556253.70	4482314.55	0	0	0	0	0	0	1	5.64	3Coil_Towed_Array
260	7	T12TR-14	556254.60	4482315.90	0	0	0	0	0	0	1	8.66	3Coil_Towed_Array
261	8	T12TR-14	556256.06	4482316.82	0	0	0	0	0	0	7	5.53	3Coil_Towed_Array
262	9	T12TR-14	556258.05	4482318.00	0	0	0	0	0	0	7	5.99	3Coil_Towed_Array
263	10	T12TR-14	556259.55	4482318.30	0	0	0	0	0	0	7	7.00	3Coil_Towed_Array
264	1	T12TR-15	556286.51	4482356.73	0	0	0	0	0	0	13	8.55	3Coil_Towed_Array
265	2	T12TR-15	556288.20	4482356.25	0	0	0	0	0	0	1	94.20	3Coil_Towed_Array
266	3	T12TR-15	556289.70	4482356.70	0	0	0	0	0	0	13	86.34	3Coil_Towed_Array
267	4	T12TR-15	556304.40	4482361.50	0	0	0	0	0	0	13	6.03	3Coil_Towed_Array
268	1	T12TR-16	556271.55	4482385.65	0	0	0	0	0	0	1	10.38	3Coil_Towed_Array
269	2	T12TR-16	556284.15	4482389.76	0	0	0	0	0	0	12	3.02	3Coil_Towed_Array
270	1	T12TR-17	556390.05	4482457.05	0	0	0	0	0	0	7	4.17	3Coil_Towed_Array
271	2	T12TR-17	556452.75	4482472.35	0	0	0	0	0	0	1	29.84	3Coil_Towed_Array
272	1	T12TR-18	556341.75	4482478.20	0	0	0	0	0	0	7	4.63	3Coil_Towed_Array
273	2	T12TR-18	556356.00	4482475.95	0	0	0	0	0	0	1	4.36	3Coil_Towed_Array
274	3	T12TR-18	556361.68	4482477.14	0	0	0	0	0	0	1	8.49	3Coil_Towed_Array
275	4	T12TR-18	556365.75	4482478.65	0	0	0	0	0	0	1	4.70	3Coil_Towed_Array
276	5	T12TR-18	556482.30	4482507.00	0	0	0	0	0	0	1	11.49	3Coil_Towed_Array
277	1	T12TR-19	555956.10	4482372.00	0	0	0	0	0	0	13	28.77	3Coil_Towed_Array
278	2	T12TR-19	555969.90	4482376.05	0	0	0	0	0	0	13	80.30	3Coil_Towed_Array
279	3	T12TR-19	556020.30	4482392.10	0	0	0	0	0	0	13	59.38	3Coil_Towed_Array
280	4	T12TR-19	556026.90	4482394.05	0	0	0	0	0	0	1	48.36	3Coil_Towed_Array
281	5	T12TR-19	556084.35	4482413.70	0	0	0	0	0	0	13	60.28	3Coil_Towed_Array
282	6	T12TR-19	556097.40	4482416.70	0	0	0	0	0	0	1	4.71	3Coil_Towed_Array
283	7	T12TR-19	556149.60	4482434.55	0	0	0	0	0	0	1	57.04	3Coil_Towed_Array
284	8	T12TR-19	556176.45	4482442.65	0	0	0	0	0	0	1	45.13	3Coil_Towed_Array
285	9	T12TR-19	556263.60	4482471.45	0	0	0	0	0	0	13	33.61	3Coil_Towed_Array
286	10	T12TR-19	556266.45	4482473.55	0	0	0	0	0	0	1	15.76	3Coil_Towed_Array
287	11	T12TR-19	556278.60	4482475.80	0	0	0	0	0	0	13	56.78	3Coil_Towed_Array
288	12	T12TR-19	556279.80	4482478.20	0	0	0	0	0	0	7	5.12	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
289	13	T12TR-19	556281.30	4482478.80	0	0	0	0	0	0	7	14.49	3Coil_Towed_Array
290	14	T12TR-19	556283.50	4482479.12	0	0	0	0	0	0	13	37.65	3Coil_Towed_Array
291	15	T12TR-19	556325.10	4482490.95	0	0	0	0	0	0	7	4.55	3Coil_Towed_Array
292	16	T12TR-19	556330.95	4482490.35	0	0	0	0	0	0	7	4.18	3Coil_Towed_Array
293	17	T12TR-19	556332.35	4482490.93	0	0	0	0	0	0	13	12.62	3Coil_Towed_Array
294	18	T12TR-19	556338.75	4482494.25	0	0	0	0	0	0	7	4.50	3Coil_Towed_Array
295	19	T12TR-19	556339.95	4482495.90	0	0	0	0	0	0	1	6.14	3Coil_Towed_Array
296	20	T12TR-19	556343.40	4482495.15	0	0	0	0	0	0	1	5.07	3Coil_Towed_Array
297	21	T12TR-19	556347.00	4482496.50	0	0	0	0	0	0	7	4.48	3Coil_Towed_Array
298	22	T12TR-19	556349.25	4482499.35	0	0	0	0	0	0	1	6.61	3Coil_Towed_Array
299	23	T12TR-19	556351.93	4482498.56	0	0	0	0	0	0	1	7.23	3Coil_Towed_Array
300	24	T12TR-19	556352.67	4482500.69	0	0	0	0	0	0	1	9.79	3Coil_Towed_Array
301	25	T12TR-19	556353.75	4482498.75	0	0	0	0	0	0	1	8.68	3Coil_Towed_Array
302	26	T12TR-19	556360.20	4482501.90	0	0	0	0	0	0	7	5.52	3Coil_Towed_Array
303	27	T12TR-19	556364.57	4482503.54	0	0	0	0	0	0	1	7.67	3Coil_Towed_Array
304	28	T12TR-19	556366.65	4482502.95	0	0	0	0	0	0	1	5.35	3Coil_Towed_Array
305	29	T12TR-19	556368.30	4482504.60	0	0	0	0	0	0	7	4.96	3Coil_Towed_Array
306	30	T12TR-19	556373.85	4482507.00	0	0	0	0	0	0	1	7.99	3Coil_Towed_Array
307	31	T12TR-19	556378.05	4482509.10	0	0	0	0	0	0	1	119.19	3Coil_Towed_Array
308	32	T12TR-19	556380.30	4482509.25	0	0	0	0	0	0	7	4.52	3Coil_Towed_Array
309	33	T12TR-19	556387.65	4482511.20	0	0	0	0	0	0	1	9.45	3Coil_Towed_Array
310	1	T12TR-20	556182.75	4482476.25	0	0	0	0	0	0	1	4.43	3Coil_Towed_Array
311	1	T12TR-21	555932.42	4482428.97	0	0	0	0	0	0	7	9.46	3Coil_Towed_Array
312	2	T12TR-21	556269.30	4482534.00	0	0	0	0	0	0	1	7.31	3Coil_Towed_Array
313	3	T12TR-21	556344.30	4482559.05	0	0	0	0	0	0	13	6.03	3Coil_Towed_Array
314	4	T12TR-21	556371.43	4482568.36	0	0	0	0	0	0	1	5.28	3Coil_Towed_Array
315	5	T12TR-21	556375.20	4482568.35	0	0	0	0	0	0	7	4.11	3Coil_Towed_Array
316	1	T12TR-22	556012.35	4482483.15	0	0	0	0	0	0	1	5.03	3Coil_Towed_Array
317	2	T12TR-22	556133.11	4482521.48	0	0	0	0	0	0	1	13.30	3Coil_Towed_Array
318	3	T12TR-22	556253.40	4482561.60	0	0	0	0	0	0	1	4.54	3Coil_Towed_Array
319	4	T12TR-22	556334.10	4482587.85	0	0	0	0	0	0	7	4.93	3Coil_Towed_Array
320	1	T12TR-23	556153.35	4482565.05	0	0	0	0	0	0	1	209.47	3Coil_Towed_Array
321	2	T12TR-23	556182.30	4482571.65	0	0	0	0	0	0	7	4.61	3Coil_Towed_Array
322	3	T12TR-23	556185.30	4482574.50	0	0	0	0	0	0	1	10.91	3Coil_Towed_Array
323	4	T12TR-23	556210.05	4482579.75	0	0	0	0	0	0	1	14.68	3Coil_Towed_Array
324	5	T12TR-23	556212.15	4482581.70	0	0	0	0	0	0	1	5.06	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
325	1	T30DSA5R-2	557248.68	4481642.32	0	0	0	0	0	0	7	8.17	3Coil_Towed_Array
326	1	T30DSA5R-4	557187.86	4481664.12	0	0	0	0	0	0	7	4.25	3Coil_Towed_Array
327	2	T30DSA5R-4	557363.72	4481799.92	0	0	0	0	0	0	7	4.30	3Coil_Towed_Array
328	3	T30DSA5R-4	557381.10	4481812.88	0	0	0	0	0	0	1	50.62	3Coil_Towed_Array
329	1	T30DSA5R-5	557241.88	4481746.12	0	0	0	0	0	0	11	28.97	3Coil_Towed_Array
330	2	T30DSA5R-5	557244.96	4481747.29	0	0	0	0	0	0	11	50.18	3Coil_Towed_Array
331	3	T30DSA5R-5	557247.89	4481748.25	0	0	0	0	0	0	11	33.86	3Coil_Towed_Array
332	4	T30DSA5R-5	557249.18	4481751.77	0	0	0	0	0	0	11	75.69	3Coil_Towed_Array
333	5	T30DSA5R-5	557252.21	4481752.79	0	0	0	0	0	0	11	81.43	3Coil_Towed_Array
334	6	T30DSA5R-5	557255.19	4481753.81	0	0	0	0	0	0	11	63.82	3Coil_Towed_Array
335	1	T30DSA5R-6	557160.33	4481721.99	0	0	0	0	0	0	1	122.18	3Coil_Towed_Array
336	2	T30DSA5R-6	557171.36	4481731.78	0	0	0	0	0	0	1	20.76	3Coil_Towed_Array
337	3	T30DSA5R-6	557202.73	4481756.39	0	0	0	0	0	0	7	20.30	3Coil_Towed_Array
338	4	T30DSA5R-6	557243.08	4481797.66	0	0	0	0	0	0	1	89.86	3Coil_Towed_Array
339	5	T30DSA5R-6	557372.34	4481882.18	0	0	0	0	0	0	1	88.20	3Coil_Towed_Array
340	6	T30DSA5R-6	557389.86	4481896.09	0	0	0	0	0	0	1	7.73	3Coil_Towed_Array
341	7	T30DSA5R-6	557392.14	4481899.41	0	0	0	0	0	0	1	6.81	3Coil_Towed_Array
342	1	T30DSA5R-7	557212.69	4481798.80	0	0	0	0	0	0	1	55.12	3Coil_Towed_Array
343	2	T30DSA5R-7	557217.86	4481802.48	0	0	0	0	0	0	1	7.53	3Coil_Towed_Array
344	3	T30DSA5R-7	557327.45	4481885.37	0	0	0	0	0	0	1	58.79	3Coil_Towed_Array
345	4	T30DSA5R-7	557327.84	4481887.05	0	0	0	0	0	0	1	29.54	3Coil_Towed_Array
346	5	T30DSA5R-7	557328.69	4481887.85	0	0	0	0	0	0	1	46.39	3Coil_Towed_Array
347	6	T30DSA5R-7	557329.86	4481888.92	0	0	0	0	0	0	1	61.70	3Coil_Towed_Array
348	7	T30DSA5R-7	557372.51	4481933.90	0	0	0	0	0	0	1	8.40	3Coil_Towed_Array
349	8	T30DSA5R-7	557378.61	4481941.60	0	0	0	0	0	0	1	5.83	3Coil_Towed_Array
350	9	T30DSA5R-7	557386.71	4481947.49	0	0	0	0	0	0	1	124.94	3Coil_Towed_Array
351	10	T30DSA5R-7	557388.01	4481948.91	0	0	0	0	0	0	1	27.33	3Coil_Towed_Array
352	11	T30DSA5R-7	557390.75	4481952.97	0	0	0	0	0	0	1	13.45	3Coil_Towed_Array
353	12	T30DSA5R-7	557391.98	4481952.65	0	0	0	0	0	0	1	5.51	3Coil_Towed_Array
354	1	TDSA1R-2	556545.55	4483837.53	0	0	0	0	0	0	7	5.33	3Coil_Towed_Array
355	2	TDSA1R-2	556601.89	4483797.90	0	0	0	0	0	0	13	5.80	3Coil_Towed_Array
356	3	TDSA1R-2	556959.42	4483545.59	0	0	0	0	0	0	1	7.70	3Coil_Towed_Array
357	4	TDSA1R-2	556960.64	4483544.88	0	0	0	0	0	0	13	5.53	3Coil_Towed_Array
358	5	TDSA1R-2	556990.22	4483524.33	0	0	0	0	0	0	1	13.61	3Coil_Towed_Array
359	6	TDSA1R-2	557009.24	4483509.58	0	0	0	0	0	0	1	10.36	3Coil_Towed_Array
360	7	TDSA1R-2	557010.42	4483509.21	0	0	0	0	0	0	1	10.40	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
361	8	TDSA1R-2	557017.39	4483506.24	0	0	0	0	0	0	1	8.73	3Coil_Towed_Array
362	9	TDSA1R-2	557019.18	4483503.70	0	0	0	0	0	0	1	5.40	3Coil_Towed_Array
363	10	TDSA1R-2	557068.17	4483468.24	0	0	0	0	0	0	1	31.73	3Coil_Towed_Array
364	11	TDSA1R-2	557080.54	4483459.72	0	0	0	0	0	0	1	4.84	3Coil_Towed_Array
365	12	TDSA1R-2	557102.09	4483444.21	0	0	0	0	0	0	3	5901.32	3Coil_Towed_Array
366	13	TDSA1R-2	557106.51	4483441.78	0	0	0	0	0	0	7	8.04	3Coil_Towed_Array
367	14	TDSA1R-2	557104.45	4483440.98	0	0	0	0	0	0	3	8.50	3Coil_Towed_Array
368	15	TDSA1R-2	557108.97	4483437.87	0	0	0	0	0	0	2	12469.29	3Coil_Towed_Array
369	16	TDSA1R-2	557110.53	4483437.65	0	0	0	0	0	0	2	12103.55	3Coil_Towed_Array
370	17	TDSA1R-2	557109.87	4483435.35	0	0	0	0	0	0	2	10684.20	3Coil_Towed_Array
371	18	TDSA1R-2	557113.14	4483431.03	0	0	0	0	0	0	3	844.57	3Coil_Towed_Array
372	19	TDSA1R-2	557128.51	4483427.62	0	0	0	0	0	0	3	689.16	3Coil_Towed_Array
373	20	TDSA1R-2	557113.47	4483427.38	0	0	0	0	0	0	3	70.76	3Coil_Towed_Array
374	21	TDSA1R-2	557115.96	4483427.26	0	0	0	0	0	0	3	620.79	3Coil_Towed_Array
375	22	TDSA1R-2	557131.55	4483426.70	0	0	0	0	0	0	7	20.92	3Coil_Towed_Array
376	23	TDSA1R-2	557125.08	4483426.08	0	0	0	0	0	0	3	763.20	3Coil_Towed_Array
377	24	TDSA1R-2	557116.97	4483425.85	0	0	0	0	0	0	2	9705.27	3Coil_Towed_Array
378	25	TDSA1R-2	557133.51	4483425.72	0	0	0	0	0	0	7	7.53	3Coil_Towed_Array
379	26	TDSA1R-2	557118.04	4483424.76	0	0	0	0	0	0	2	8694.09	3Coil_Towed_Array
380	27	TDSA1R-2	557131.97	4483424.44	0	0	0	0	0	0	1	42.07	3Coil_Towed_Array
381	28	TDSA1R-2	557115.74	4483424.20	0	0	0	0	0	0	2	10024.94	3Coil_Towed_Array
382	29	TDSA1R-2	557116.89	4483423.13	0	0	0	0	0	0	2	11580.66	3Coil_Towed_Array
383	30	TDSA1R-2	557134.88	4483422.69	0	0	0	0	0	0	1	138.97	3Coil_Towed_Array
384	1	TDSA1R-3	556698.17	4483818.17	0	0	0	0	0	0	1	75.81	3Coil_Towed_Array
385	2	TDSA1R-3	556831.43	4483727.14	0	0	0	0	0	0	12	3.80	3Coil_Towed_Array
386	3	TDSA1R-3	556906.91	4483675.90	0	0	0	0	0	0	1	6.74	3Coil_Towed_Array
387	4	TDSA1R-3	556933.71	4483658.74	0	0	0	0	0	0	12	2.15	3Coil_Towed_Array
388	5	TDSA1R-3	556950.86	4483647.25	0	0	0	0	0	0	1	7.63	3Coil_Towed_Array
389	6	TDSA1R-3	556961.19	4483638.14	0	0	0	0	0	0	1	9.20	3Coil_Towed_Array
390	7	TDSA1R-3	556962.55	4483637.12	0	0	0	0	0	0	1	14.11	3Coil_Towed_Array
391	8	TDSA1R-3	556996.35	4483614.00	0	0	0	0	0	0	12	2.99	3Coil_Towed_Array
392	9	TDSA1R-3	557022.33	4483593.61	0	0	0	0	0	0	1	4.75	3Coil_Towed_Array
393	10	TDSA1R-3	557024.89	4483590.04	0	0	0	0	0	0	1	6.21	3Coil_Towed_Array
394	11	TDSA1R-3	557038.76	4483578.64	0	0	0	0	0	0	1	11.08	3Coil_Towed_Array
395	12	TDSA1R-3	557061.92	4483560.74	0	0	0	0	0	0	1	5.74	3Coil_Towed_Array
396	13	TDSA1R-3	557088.69	4483525.75	0	0	0	0	0	0	1	7.61	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
397	14	TDSA1R-3	557089.32	4483523.31	0	0	0	0	0	0	13	8.47	3Coil_Towed_Array
398	15	TDSA1R-3	557091.61	4483521.29	0	0	0	0	0	0	1	32.95	3Coil_Towed_Array
399	16	TDSA1R-3	557095.70	4483505.40	0	0	0	0	0	0	7	4.35	3Coil_Towed_Array
400	17	TDSA1R-3	557098.13	4483497.55	0	0	0	0	0	0	1	15.64	3Coil_Towed_Array
401	18	TDSA1R-3	557100.89	4483489.60	0	0	0	0	0	0	12	2.98	3Coil_Towed_Array
402	19	TDSA1R-3	557101.37	4483479.51	0	0	0	0	0	0	12	2.24	3Coil_Towed_Array
403	1	TDSA1R-4	556642.89	4483986.41	0	0	0	0	0	0	7	4.38	3Coil_Towed_Array
404	2	TDSA1R-4	556657.36	4483977.48	0	0	0	0	0	0	7	7.06	3Coil_Towed_Array
405	3	TDSA1R-4	556800.20	4483870.49	0	0	0	0	0	0	13	11.81	3Coil_Towed_Array
406	4	TDSA1R-4	556800.80	4483869.34	0	0	0	0	0	0	13	6.88	3Coil_Towed_Array
407	5	TDSA1R-4	556964.01	4483749.39	0	0	0	0	0	0	12	3.60	3Coil_Towed_Array
408	6	TDSA1R-4	556973.42	4483745.45	0	0	0	0	0	0	7	5.61	3Coil_Towed_Array
409	7	TDSA1R-4	557074.44	4483670.47	0	0	0	0	0	0	1	21.42	3Coil_Towed_Array
410	8	TDSA1R-4	557078.09	4483667.88	0	0	0	0	0	0	7	5.61	3Coil_Towed_Array
411	9	TDSA1R-4	557089.06	4483658.52	0	0	0	0	0	0	1	169.77	3Coil_Towed_Array
412	10	TDSA1R-4	557090.52	4483657.50	0	0	0	0	0	0	1	181.51	3Coil_Towed_Array
413	11	TDSA1R-4	557108.87	4483646.95	0	0	0	0	0	0	1	41.31	3Coil_Towed_Array
414	12	TDSA1R-4	557111.64	4483643.12	0	0	0	0	0	0	3	289.02	3Coil_Towed_Array
415	13	TDSA1R-4	557113.56	4483642.40	0	0	0	0	0	0	3	273.12	3Coil_Towed_Array
416	14	TDSA1R-4	557112.11	4483641.01	0	0	0	0	0	0	3	457.72	3Coil_Towed_Array
417	15	TDSA1R-4	557116.14	4483639.41	0	0	0	0	0	0	13	160.43	3Coil_Towed_Array
418	16	TDSA1R-4	557114.62	4483638.11	0	0	0	0	0	0	3	814.38	3Coil_Towed_Array
419	17	TDSA1R-4	557117.71	4483636.02	0	0	0	0	0	0	3	1431.75	3Coil_Towed_Array
420	18	TDSA1R-4	557120.67	4483634.55	0	0	0	0	0	0	13	38.40	3Coil_Towed_Array
421	19	TDSA1R-4	557121.86	4483632.28	0	0	0	0	0	0	13	31.00	3Coil_Towed_Array
422	20	TDSA1R-4	557120.72	4483631.78	0	0	0	0	0	0	13	29.67	3Coil_Towed_Array
423	21	TDSA1R-4	557123.52	4483629.23	0	0	0	0	0	0	13	751.25	3Coil_Towed_Array
424	22	TDSA1R-4	557126.85	4483628.63	0	0	0	0	0	0	3	828.31	3Coil_Towed_Array
425	23	TDSA1R-4	557124.94	4483627.73	0	0	0	0	0	0	13	66.94	3Coil_Towed_Array
426	24	TDSA1R-4	557128.59	4483625.65	0	0	0	0	0	0	3	98.26	3Coil_Towed_Array
427	25	TDSA1R-4	557127.30	4483625.46	0	0	0	0	0	0	13	33.37	3Coil_Towed_Array
428	26	TDSA1R-4	557130.57	4483623.81	0	0	0	0	0	0	13	882.17	3Coil_Towed_Array
429	27	TDSA1R-4	557133.66	4483622.33	0	0	0	0	0	0	3	69.34	3Coil_Towed_Array
430	28	TDSA1R-4	557131.74	4483621.36	0	0	0	0	0	0	13	155.55	3Coil_Towed_Array
431	29	TDSA1R-4	557134.99	4483619.80	0	0	0	0	0	0	3	252.73	3Coil_Towed_Array
432	30	TDSA1R-4	557136.46	4483619.67	0	0	0	0	0	0	13	252.20	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
433	31	TDSA1R-4	557134.59	4483618.75	0	0	0	0	0	0	3	77.16	3Coil_Towed_Array
434	32	TDSA1R-4	557136.97	4483617.85	0	0	0	0	0	0	3	477.96	3Coil_Towed_Array
435	33	TDSA1R-4	557139.24	4483617.10	0	0	0	0	0	0	3	377.55	3Coil_Towed_Array
436	34	TDSA1R-4	557136.99	4483616.37	0	0	0	0	0	0	3	111.50	3Coil_Towed_Array
437	35	TDSA1R-4	557138.07	4483615.47	0	0	0	0	0	0	3	101.64	3Coil_Towed_Array
438	36	TDSA1R-4	557141.49	4483615.38	0	0	0	0	0	0	13	298.93	3Coil_Towed_Array
439	37	TDSA1R-4	557144.20	4483613.71	0	0	0	0	0	0	3	733.98	3Coil_Towed_Array
440	38	TDSA1R-4	557141.07	4483613.35	0	0	0	0	0	0	13	252.57	3Coil_Towed_Array
441	39	TDSA1R-4	557145.91	4483612.73	0	0	0	0	0	0	3	662.41	3Coil_Towed_Array
442	40	TDSA1R-4	557143.95	4483612.60	0	0	0	0	0	0	3	93.54	3Coil_Towed_Array
443	41	TDSA1R-4	557142.32	4483612.53	0	0	0	0	0	0	3	21.16	3Coil_Towed_Array
444	42	TDSA1R-4	557147.12	4483611.98	0	0	0	0	0	0	13	340.39	3Coil_Towed_Array
445	43	TDSA1R-4	557144.51	4483611.22	0	0	0	0	0	0	13	19.63	3Coil_Towed_Array
446	44	TDSA1R-4	557148.61	4483610.94	0	0	0	0	0	0	3	385.22	3Coil_Towed_Array
447	45	TDSA1R-4	557147.48	4483609.27	0	0	0	0	0	0	13	10.19	3Coil_Towed_Array
448	46	TDSA1R-4	557148.72	4483608.40	0	0	0	0	0	0	3	49.36	3Coil_Towed_Array
449	47	TDSA1R-4	557151.39	4483608.05	0	0	0	0	0	0	1	4.71	3Coil_Towed_Array
450	48	TDSA1R-4	557152.48	4483605.75	0	0	0	0	0	0	13	5.80	3Coil_Towed_Array
451	49	TDSA1R-4	557164.70	4483597.36	0	0	0	0	0	0	1	5.75	3Coil_Towed_Array
452	50	TDSA1R-4	557180.44	4483585.96	0	0	0	0	0	0	1	10.22	3Coil_Towed_Array
453	51	TDSA1R-4	557202.40	4483570.40	0	0	0	0	0	0	1	195.66	3Coil_Towed_Array
454	52	TDSA1R-4	557200.78	4483570.34	0	0	0	0	0	0	13	54.20	3Coil_Towed_Array
455	53	TDSA1R-4	557210.47	4483569.60	0	0	0	0	0	0	2	18.49	3Coil_Towed_Array
456	54	TDSA1R-4	557207.01	4483569.39	0	0	0	0	0	0	7	6.94	3Coil_Towed_Array
457	55	TDSA1R-4	557207.00	4483568.19	0	0	0	0	0	0	7	8.83	3Coil_Towed_Array
458	56	TDSA1R-4	557209.65	4483568.11	0	0	0	0	0	0	2	46.61	3Coil_Towed_Array
459	57	TDSA1R-4	557202.43	4483568.08	0	0	0	0	0	0	7	4.33	3Coil_Towed_Array
460	58	TDSA1R-4	557205.49	4483568.07	0	0	0	0	0	0	7	6.47	3Coil_Towed_Array
461	59	TDSA1R-4	557207.91	4483567.55	0	0	0	0	0	0	7	6.87	3Coil_Towed_Array
462	1	TDSA1R-5	556578.37	4484126.45	0	0	0	0	0	0	7	4.81	3Coil_Towed_Array
463	2	TDSA1R-5	556580.52	4484125.92	0	0	0	0	0	0	1	21.19	3Coil_Towed_Array
464	3	TDSA1R-5	556581.51	4484125.18	0	0	0	0	0	0	1	4.64	3Coil_Towed_Array
465	4	TDSA1R-5	556582.49	4484124.28	0	0	0	0	0	0	1	4.16	3Coil_Towed_Array
466	5	TDSA1R-5	556585.62	4484121.38	0	0	0	0	0	0	1	45.41	3Coil_Towed_Array
467	6	TDSA1R-5	556586.96	4484120.21	0	0	0	0	0	0	7	11.55	3Coil_Towed_Array
468	7	TDSA1R-5	556592.18	4484114.33	0	0	0	0	0	0	7	4.68	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
469	8	TDSA1R-5	556593.62	4484113.12	0	0	0	0	0	0	1	5.10	3Coil_Towed_Array
470	9	TDSA1R-5	556606.65	4484103.20	0	0	0	0	0	0	1	19.82	3Coil_Towed_Array
471	10	TDSA1R-5	556656.41	4484065.14	0	0	0	0	0	0	1	34.01	3Coil_Towed_Array
472	11	TDSA1R-5	556657.91	4484064.43	0	0	0	0	0	0	1	8.86	3Coil_Towed_Array
473	12	TDSA1R-5	556661.41	4484064.90	0	0	0	0	0	0	1	105.46	3Coil_Towed_Array
474	13	TDSA1R-5	556662.94	4484063.04	0	0	0	0	0	0	13	48.22	3Coil_Towed_Array
475	14	TDSA1R-5	556664.46	4484063.03	0	0	0	0	0	0	13	22.25	3Coil_Towed_Array
476	15	TDSA1R-5	556679.37	4484050.06	0	0	0	0	0	0	1	6.31	3Coil_Towed_Array
477	16	TDSA1R-5	556706.95	4484026.33	0	0	0	0	0	0	1	111.49	3Coil_Towed_Array
478	17	TDSA1R-5	556714.89	4484019.50	0	0	0	0	0	0	12	3.84	3Coil_Towed_Array
479	18	TDSA1R-5	556721.76	4484016.42	0	0	0	0	0	0	1	52.55	3Coil_Towed_Array
480	19	TDSA1R-5	556814.10	4483947.54	0	0	0	0	0	0	1	56.37	3Coil_Towed_Array
481	20	TDSA1R-5	556913.78	4483873.64	0	0	0	0	0	0	1	36.95	3Coil_Towed_Array
482	21	TDSA1R-5	557026.60	4483793.75	0	0	0	0	0	0	1	28.19	3Coil_Towed_Array
483	22	TDSA1R-5	557035.58	4483788.71	0	0	0	0	0	0	7	7.61	3Coil_Towed_Array
484	23	TDSA1R-5	557058.41	4483768.11	0	0	0	0	0	0	3	33.72	3Coil_Towed_Array
485	24	TDSA1R-5	557058.45	4483769.44	0	0	0	0	0	0	3	411.39	3Coil_Towed_Array
486	25	TDSA1R-5	557060.45	4483768.40	0	0	0	0	0	0	3	1591.91	3Coil_Towed_Array
487	26	TDSA1R-5	557060.95	4483765.88	0	0	0	0	0	0	3	211.08	3Coil_Towed_Array
488	27	TDSA1R-5	557062.79	4483765.55	0	0	0	0	0	0	3	1326.06	3Coil_Towed_Array
489	28	TDSA1R-5	557062.94	4483766.74	0	0	0	0	0	0	3	1077.05	3Coil_Towed_Array
490	29	TDSA1R-5	557063.27	4483763.74	0	0	0	0	0	0	3	580.73	3Coil_Towed_Array
491	30	TDSA1R-5	557064.42	4483765.42	0	0	0	0	0	0	3	560.37	3Coil_Towed_Array
492	31	TDSA1R-5	557065.25	4483764.05	0	0	0	0	0	0	13	1017.50	3Coil_Towed_Array
493	32	TDSA1R-5	557065.39	4483761.83	0	0	0	0	0	0	3	427.41	3Coil_Towed_Array
494	33	TDSA1R-5	557067.17	4483761.41	0	0	0	0	0	0	3	1414.32	3Coil_Towed_Array
495	34	TDSA1R-5	557245.02	4483623.62	0	0	0	0	0	0	13	325.21	3Coil_Towed_Array
496	35	TDSA1R-5	557245.11	4483621.91	0	0	0	0	0	0	3	1016.95	3Coil_Towed_Array
497	36	TDSA1R-5	557247.32	4483622.41	0	0	0	0	0	0	3	99.19	3Coil_Towed_Array
498	37	TDSA1R-5	557251.01	4483623.42	0	0	0	0	0	0	1	41.17	3Coil_Towed_Array
499	38	TDSA1R-5	557260.27	4483620.60	0	0	0	0	0	0	7	5.40	3Coil_Towed_Array
500	39	TDSA1R-5	557275.42	4483606.90	0	0	0	0	0	0	1	15.75	3Coil_Towed_Array
501	40	TDSA1R-5	557277.68	4483607.44	0	0	0	0	0	0	1	172.77	3Coil_Towed_Array
502	41	TDSA1R-5	557279.14	4483604.19	0	0	0	0	0	0	1	61.04	3Coil_Towed_Array
503	1	TDSA1R-6	556752.19	4484083.05	0	0	0	0	0	0	13	4.73	3Coil_Towed_Array
504	2	TDSA1R-6	556925.18	4483954.83	0	0	0	0	0	0	7	4.45	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
505	3	TDSA1R-6	557081.16	4483846.63	0	0	0	0	0	0	7	5.90	3Coil_Towed_Array
506	4	TDSA1R-6	557141.18	4483802.38	0	0	0	0	0	0	1	28.59	3Coil_Towed_Array
507	5	TDSA1R-6	557167.80	4483786.35	0	0	0	0	0	0	7	4.54	3Coil_Towed_Array
508	1	TDSA1R-4A	557222.60	4483562.60	0	0	0	0	0	0	3	600.78	3Coil_Towed_Array
509	2	TDSA1R-4A	557224.05	4483559.21	0	0	0	0	0	0	3	63.89	3Coil_Towed_Array
510	3	TDSA1R-4A	557225.91	4483559.46	0	0	0	0	0	0	3	52.40	3Coil_Towed_Array
511	4	TDSA1R-4A	557226.84	4483557.52	0	0	0	0	0	0	3	40.12	3Coil_Towed_Array
512	5	TDSA1R-4A	557227.78	4483558.68	0	0	0	0	0	0	3	48.43	3Coil_Towed_Array
513	6	TDSA1R-4A	557228.91	4483555.21	0	0	0	0	0	0	1	17.40	3Coil_Towed_Array
514	7	TDSA1R-4A	557230.84	4483556.25	0	0	0	0	0	0	1	210.45	3Coil_Towed_Array
515	8	TDSA1R-4A	557230.92	4483553.82	0	0	0	0	0	0	7	13.53	3Coil_Towed_Array
516	9	TDSA1R-4A	557232.98	4483554.18	0	0	0	0	0	0	1	35.96	3Coil_Towed_Array
517	10	TDSA1R-4A	557234.63	4483551.91	0	0	0	0	0	0	1	40.11	3Coil_Towed_Array
518	11	TDSA1R-4A	557234.94	4483553.27	0	0	0	0	0	0	1	40.60	3Coil_Towed_Array
519	12	TDSA1R-4A	557235.77	4483552.48	0	0	0	0	0	0	1	57.91	3Coil_Towed_Array
520	13	TDSA1R-4A	557236.54	4483551.08	0	0	0	0	0	0	1	59.25	3Coil_Towed_Array
521	14	TDSA1R-4A	557237.12	4483553.00	0	0	0	0	0	0	13	49.79	3Coil_Towed_Array
522	1	TDSA1R-6A	557235.42	4483727.03	0	0	0	0	0	0	3	107.80	3Coil_Towed_Array
523	2	TDSA1R-6A	557240.11	4483725.60	0	0	0	0	0	0	1	280.38	3Coil_Towed_Array
524	3	TDSA1R-6A	557243.91	4483723.81	0	0	0	0	0	0	1	584.67	3Coil_Towed_Array
525	4	TDSA1R-6A	557244.39	4483725.25	0	0	0	0	0	0	13	156.63	3Coil_Towed_Array
526	5	TDSA1R-6A	557246.25	4483722.70	0	0	0	0	0	0	1	122.77	3Coil_Towed_Array
527	6	TDSA1R-6A	557248.64	4483721.57	0	0	0	0	0	0	7	13.40	3Coil_Towed_Array
528	7	TDSA1R-6A	557249.46	4483723.39	0	0	0	0	0	0	7	10.74	3Coil_Towed_Array
529	8	TDSA1R-6A	557251.07	4483722.56	0	0	0	0	0	0	7	8.42	3Coil_Towed_Array
530	9	TDSA1R-6A	557254.25	4483720.70	0	0	0	0	0	0	7	7.20	3Coil_Towed_Array
531	10	TDSA1R-6A	557254.75	4483718.40	0	0	0	0	0	0	7	6.22	3Coil_Towed_Array
532	11	TDSA1R-6A	557255.66	4483719.86	0	0	0	0	0	0	7	5.93	3Coil_Towed_Array
533	12	TDSA1R-6A	557260.88	4483714.07	0	0	0	0	0	0	7	5.39	3Coil_Towed_Array
534	13	TDSA1R-6A	557262.00	4483715.73	0	0	0	0	0	0	7	5.57	3Coil_Towed_Array
535	14	TDSA1R-6A	557266.90	4483711.68	0	0	0	0	0	0	7	4.16	3Coil_Towed_Array
536	15	TDSA1R-6A	557283.83	4483700.95	0	0	0	0	0	0	1	12.24	3Coil_Towed_Array
537	16	TDSA1R-6A	557287.93	4483696.94	0	0	0	0	0	0	1	564.92	3Coil_Towed_Array
538	17	TDSA1R-6A	557290.57	4483696.31	0	0	0	0	0	0	1	11.02	3Coil_Towed_Array
539	18	TDSA1R-6A	557297.13	4483690.71	0	0	0	0	0	0	1	729.82	3Coil_Towed_Array
540	1	TDSA1R-51	557116.72	4483790.50	0	0	0	0	0	0	1	13.53	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
541	2	TDSA1R-51	557120.00	4483788.12	0	0	0	0	0	0	1	5.96	3Coil_Towed_Array
542	3	TDSA1R-51	557134.56	4483776.87	0	0	0	0	0	0	1	26.04	3Coil_Towed_Array
543	4	TDSA1R-51	557139.81	4483774.07	0	0	0	0	0	0	7	4.36	3Coil_Towed_Array
544	5	TDSA1R-51	557143.08	4483770.25	0	0	0	0	0	0	7	5.68	3Coil_Towed_Array
545	6	TDSA1R-51	557143.97	4483765.58	0	0	0	0	0	0	13	10.53	3Coil_Towed_Array
546	7	TDSA1R-51	557144.56	4483764.44	0	0	0	0	0	0	13	31.65	3Coil_Towed_Array
547	8	TDSA1R-51	557146.37	4483762.48	0	0	0	0	0	0	7	5.45	3Coil_Towed_Array
548	9	TDSA1R-51	557147.28	4483760.69	0	0	0	0	0	0	13	46.21	3Coil_Towed_Array
549	10	TDSA1R-51	557148.32	4483761.93	0	0	0	0	0	0	1	25.79	3Coil_Towed_Array
550	11	TDSA1R-51	557149.48	4483760.73	0	0	0	0	0	0	1	78.54	3Coil_Towed_Array
551	12	TDSA1R-51	557150.56	4483757.13	0	0	0	0	0	0	1	34.39	3Coil_Towed_Array
552	13	TDSA1R-51	557152.59	4483758.09	0	0	0	0	0	0	1	7.00	3Coil_Towed_Array
553	14	TDSA1R-51	557154.56	4483753.75	0	0	0	0	0	0	13	8.46	3Coil_Towed_Array
554	15	TDSA1R-51	557156.22	4483753.40	0	0	0	0	0	0	1	12.26	3Coil_Towed_Array
555	16	TDSA1R-51	557156.38	4483754.73	0	0	0	0	0	0	1	11.25	3Coil_Towed_Array
556	17	TDSA1R-51	557158.70	4483751.81	0	0	0	0	0	0	1	8.63	3Coil_Towed_Array
557	18	TDSA1R-51	557160.23	4483748.43	0	0	0	0	0	0	1	84.62	3Coil_Towed_Array
558	19	TDSA1R-51	557163.66	4483745.17	0	0	0	0	0	0	1	21.12	3Coil_Towed_Array
559	20	TDSA1R-51	557164.19	4483746.65	0	0	0	0	0	0	1	214.24	3Coil_Towed_Array
560	21	TDSA1R-51	557165.60	4483743.34	0	0	0	0	0	0	1	37.23	3Coil_Towed_Array
561	22	TDSA1R-51	557166.92	4483743.51	0	0	0	0	0	0	1	171.50	3Coil_Towed_Array
562	23	TDSA1R-51	557167.92	4483741.42	0	0	0	0	0	0	1	17.16	3Coil_Towed_Array
563	24	TDSA1R-51	557171.25	4483738.26	0	0	0	0	0	0	7	4.54	3Coil_Towed_Array
564	25	TDSA1R-51	557171.73	4483740.48	0	0	0	0	0	0	1	57.42	3Coil_Towed_Array
565	26	TDSA1R-51	557172.94	4483738.11	0	0	0	0	0	0	13	4.50	3Coil_Towed_Array
566	27	TDSA1R-51	557176.72	4483734.77	0	0	0	0	0	0	13	12.12	3Coil_Towed_Array
567	1	TDSA2R-8	556440.49	4483117.21	0	0	0	0	0	0	7	4.48	3Coil_Towed_Array
568	1	TDSA2R-9	556526.40	4483324.20	0	0	0	0	0	0	1	5.05	3Coil_Towed_Array
569	2	TDSA2R-9	556527.15	4483326.00	0	0	0	0	0	0	1	6.11	3Coil_Towed_Array
570	1	TDSA2R-1	556716.75	4482564.15	0	0	0	0	0	0	1	77.32	3Coil_Towed_Array
571	2	TDSA2R-1	556718.10	4482565.95	0	0	0	0	0	0	1	12.31	3Coil_Towed_Array
572	3	TDSA2R-1	556718.25	4482568.20	0	0	0	0	0	0	7	5.60	3Coil_Towed_Array
573	4	TDSA2R-1	556725.30	4482574.20	0	0	0	0	0	0	7	4.95	3Coil_Towed_Array
574	5	TDSA2R-1	556725.30	4482577.50	0	0	0	0	0	0	7	4.28	3Coil_Towed_Array
575	6	TDSA2R-1	556726.05	4482578.55	0	0	0	0	0	0	7	6.97	3Coil_Towed_Array
576	7	TDSA2R-1	556728.00	4482579.90	0	0	0	0	0	0	1	26.78	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
577	8	TDSA2R-1	556736.85	4482597.15	0	0	0	0	0	0	7	5.44	3Coil_Towed_Array
578	9	TDSA2R-1	556740.00	4482601.50	0	0	0	0	0	0	13	14.85	3Coil_Towed_Array
579	10	TDSA2R-1	556742.55	4482608.40	0	0	0	0	0	0	7	6.45	3Coil_Towed_Array
580	11	TDSA2R-1	556747.65	4482616.50	0	0	0	0	0	0	7	5.80	3Coil_Towed_Array
581	12	TDSA2R-1	556754.70	4482627.75	0	0	0	0	0	0	1	14.68	3Coil_Towed_Array
582	13	TDSA2R-1	556756.66	4482627.66	0	0	0	0	0	0	1	15.93	3Coil_Towed_Array
583	14	TDSA2R-1	556758.30	4482628.80	0	0	0	0	0	0	1	43.17	3Coil_Towed_Array
584	15	TDSA2R-1	556761.60	4482635.25	0	0	0	0	0	0	7	8.35	3Coil_Towed_Array
585	16	TDSA2R-1	556762.80	4482638.40	0	0	0	0	0	0	7	6.52	3Coil_Towed_Array
586	17	TDSA2R-1	556761.45	4482640.35	0	0	0	0	0	0	1	23.40	3Coil_Towed_Array
587	18	TDSA2R-1	556762.95	4482654.15	0	0	0	0	0	0	13	199.97	3Coil_Towed_Array
588	19	TDSA2R-1	556764.75	4482659.25	0	0	0	0	0	0	1	188.35	3Coil_Towed_Array
589	20	TDSA2R-1	556769.85	4482663.90	0	0	0	0	0	0	1	53.72	3Coil_Towed_Array
590	21	TDSA2R-1	556771.38	4482666.34	0	0	0	0	0	0	7	7.80	3Coil_Towed_Array
591	22	TDSA2R-1	556779.75	4482679.20	0	0	0	0	0	0	7	4.69	3Coil_Towed_Array
592	23	TDSA2R-1	556782.05	4482685.91	0	0	0	0	0	0	1	661.43	3Coil_Towed_Array
593	24	TDSA2R-1	556784.40	4482689.10	0	0	0	0	0	0	1	96.55	3Coil_Towed_Array
594	25	TDSA2R-1	556786.95	4482689.85	0	0	0	0	0	0	7	15.75	3Coil_Towed_Array
595	26	TDSA2R-1	556787.25	4482687.90	0	0	0	0	0	0	1	30.85	3Coil_Towed_Array
596	27	TDSA2R-1	556790.55	4482688.50	0	0	0	0	0	0	1	57.49	3Coil_Towed_Array
597	28	TDSA2R-1	556792.25	4482689.37	0	0	0	0	0	0	1	68.10	3Coil_Towed_Array
598	29	TDSA2R-1	556794.12	4482690.71	0	0	0	0	0	0	1	624.54	3Coil_Towed_Array
599	30	TDSA2R-1	556797.43	4482692.25	0	0	0	0	0	0	1	80.54	3Coil_Towed_Array
600	31	TDSA2R-1	556801.67	4482696.52	0	0	0	0	0	0	7	6.26	3Coil_Towed_Array
601	32	TDSA2R-1	556802.55	4482699.00	0	0	0	0	0	0	7	5.54	3Coil_Towed_Array
602	33	TDSA2R-1	556804.05	4482701.40	0	0	0	0	0	0	1	110.95	3Coil_Towed_Array
603	34	TDSA2R-1	556806.24	4482703.30	0	0	0	0	0	0	7	4.71	3Coil_Towed_Array
604	35	TDSA2R-1	556807.20	4482704.85	0	0	0	0	0	0	7	5.18	3Coil_Towed_Array
605	36	TDSA2R-1	556810.05	4482709.80	0	0	0	0	0	0	7	4.79	3Coil_Towed_Array
606	37	TDSA2R-1	556810.65	4482713.25	0	0	0	0	0	0	7	4.48	3Coil_Towed_Array
607	38	TDSA2R-1	556812.60	4482714.60	0	0	0	0	0	0	1	25.68	3Coil_Towed_Array
608	39	TDSA2R-1	556813.20	4482718.20	0	0	0	0	0	0	1	17.52	3Coil_Towed_Array
609	40	TDSA2R-1	556814.17	4482719.98	0	0	0	0	0	0	13	15.79	3Coil_Towed_Array
610	41	TDSA2R-1	556814.25	4482723.30	0	0	0	0	0	0	1	15.08	3Coil_Towed_Array
611	42	TDSA2R-1	556816.51	4482727.44	0	0	0	0	0	0	7	4.27	3Coil_Towed_Array
612	43	TDSA2R-1	556817.92	4482727.19	0	0	0	0	0	0	7	5.48	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
613	44	TDSA2R-1	556819.50	4482732.00	0	0	0	0	0	0	7	4.86	3Coil_Towed_Array
614	45	TDSA2R-1	556821.90	4482732.15	0	0	0	0	0	0	1	42.99	3Coil_Towed_Array
615	46	TDSA2R-1	556820.55	4482734.10	0	0	0	0	0	0	7	4.73	3Coil_Towed_Array
616	47	TDSA2R-1	556824.15	4482738.60	0	0	0	0	0	0	7	14.53	3Coil_Towed_Array
617	48	TDSA2R-1	556825.65	4482739.65	0	0	0	0	0	0	13	158.50	3Coil_Towed_Array
618	49	TDSA2R-1	556826.85	4482742.35	0	0	0	0	0	0	13	71.13	3Coil_Towed_Array
619	50	TDSA2R-1	556828.50	4482745.80	0	0	0	0	0	0	13	13.59	3Coil_Towed_Array
620	51	TDSA2R-1	556826.55	4482746.70	0	0	0	0	0	0	7	9.19	3Coil_Towed_Array
621	52	TDSA2R-1	556828.95	4482748.50	0	0	0	0	0	0	13	301.40	3Coil_Towed_Array
622	53	TDSA2R-1	556829.81	4482750.41	0	0	0	0	0	0	1	120.66	3Coil_Towed_Array
623	54	TDSA2R-1	556830.75	4482751.05	0	0	0	0	0	0	1	227.36	3Coil_Towed_Array
624	55	TDSA2R-1	556832.70	4482751.95	0	0	0	0	0	0	13	89.11	3Coil_Towed_Array
625	56	TDSA2R-1	556835.03	4482754.69	0	0	0	0	0	0	1	19.68	3Coil_Towed_Array
626	57	TDSA2R-1	556835.70	4482755.85	0	0	0	0	0	0	1	20.15	3Coil_Towed_Array
627	58	TDSA2R-1	556835.70	4482757.65	0	0	0	0	0	0	13	64.82	3Coil_Towed_Array
628	59	TDSA2R-1	556837.05	4482759.30	0	0	0	0	0	0	1	15.99	3Coil_Towed_Array
629	60	TDSA2R-1	556837.65	4482760.05	0	0	0	0	0	0	7	9.13	3Coil_Towed_Array
630	61	TDSA2R-1	556838.24	4482760.90	0	0	0	0	0	0	7	4.88	3Coil_Towed_Array
631	62	TDSA2R-1	556838.65	4482762.15	0	0	0	0	0	0	7	6.77	3Coil_Towed_Array
632	63	TDSA2R-1	556840.65	4482762.45	0	0	0	0	0	0	1	27.53	3Coil_Towed_Array
633	64	TDSA2R-1	556840.95	4482766.80	0	0	0	0	0	0	7	9.52	3Coil_Towed_Array
634	65	TDSA2R-1	556842.82	4482768.98	0	0	0	0	0	0	1	37.33	3Coil_Towed_Array
635	66	TDSA2R-1	556845.45	4482772.95	0	0	0	0	0	0	1	24.62	3Coil_Towed_Array
636	67	TDSA2R-1	556846.80	4482773.55	0	0	0	0	0	0	1	41.65	3Coil_Towed_Array
637	68	TDSA2R-1	556846.95	4482775.80	0	0	0	0	0	0	1	36.50	3Coil_Towed_Array
638	69	TDSA2R-1	556847.85	4482777.60	0	0	0	0	0	0	7	6.14	3Coil_Towed_Array
639	70	TDSA2R-1	556850.10	4482779.40	0	0	0	0	0	0	1	13.08	3Coil_Towed_Array
640	71	TDSA2R-1	556849.54	4482781.47	0	0	0	0	0	0	1	7.15	3Coil_Towed_Array
641	72	TDSA2R-1	556850.55	4482784.05	0	0	0	0	0	0	7	11.76	3Coil_Towed_Array
642	73	TDSA2R-1	556852.05	4482786.60	0	0	0	0	0	0	13	280.47	3Coil_Towed_Array
643	74	TDSA2R-1	556853.96	4482787.23	0	0	0	0	0	0	1	104.66	3Coil_Towed_Array
644	75	TDSA2R-1	556853.07	4482788.63	0	0	0	0	0	0	7	11.80	3Coil_Towed_Array
645	76	TDSA2R-1	556854.45	4482789.30	0	0	0	0	0	0	13	34.74	3Coil_Towed_Array
646	77	TDSA2R-1	556855.56	4482793.18	0	0	0	0	0	0	13	24.49	3Coil_Towed_Array
647	78	TDSA2R-1	556858.09	4482796.30	0	0	0	0	0	0	1	360.07	3Coil_Towed_Array
648	79	TDSA2R-1	556857.15	4482797.70	0	0	0	0	0	0	1	678.92	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
649	80	TDSA2R-1	556857.90	4482799.80	0	0	0	0	0	0	1	328.77	3Coil_Towed_Array
650	81	TDSA2R-1	556860.30	4482799.80	0	0	0	0	0	0	1	129.01	3Coil_Towed_Array
651	82	TDSA2R-1	556861.95	4482802.80	0	0	0	0	0	0	13	33.74	3Coil_Towed_Array
652	83	TDSA2R-1	556863.14	4482807.44	0	0	0	0	0	0	13	7.58	3Coil_Towed_Array
653	84	TDSA2R-1	556864.80	4482807.75	0	0	0	0	0	0	7	8.50	3Coil_Towed_Array
654	85	TDSA2R-1	556866.74	4482813.17	0	0	0	0	0	0	7	7.49	3Coil_Towed_Array
655	86	TDSA2R-1	556866.07	4482814.32	0	0	0	0	0	0	7	5.34	3Coil_Towed_Array
656	87	TDSA2R-1	556867.85	4482816.75	0	0	0	0	0	0	3	39.41	3Coil_Towed_Array
657	88	TDSA2R-1	556866.93	4482817.40	0	0	0	0	0	0	7	9.20	3Coil_Towed_Array
658	89	TDSA2R-1	556868.25	4482818.55	0	0	0	0	0	0	3	3643.16	3Coil_Towed_Array
659	90	TDSA2R-1	556866.45	4482819.00	0	0	0	0	0	0	7	9.37	3Coil_Towed_Array
660	1	TDSA2R-2	556628.10	4482582.60	0	0	0	0	0	0	3	1939.25	3Coil_Towed_Array
661	2	TDSA2R-2	556630.20	4482583.35	0	0	0	0	0	0	3	1279.51	3Coil_Towed_Array
662	3	TDSA2R-2	556632.60	4482587.70	0	0	0	0	0	0	1	5.05	3Coil_Towed_Array
663	4	TDSA2R-2	556636.35	4482589.05	0	0	0	0	0	0	1	80.79	3Coil_Towed_Array
664	5	TDSA2R-2	556640.70	4482593.85	0	0	0	0	0	0	1	4.88	3Coil_Towed_Array
665	6	TDSA2R-2	556639.50	4482595.35	0	0	0	0	0	0	1	19.72	3Coil_Towed_Array
666	7	TDSA2R-2	556641.75	4482597.09	0	0	0	0	0	0	13	276.21	3Coil_Towed_Array
667	8	TDSA2R-2	556652.55	4482608.85	0	0	0	0	0	0	1	12.31	3Coil_Towed_Array
668	9	TDSA2R-2	556670.25	4482646.05	0	0	0	0	0	0	1	7.81	3Coil_Towed_Array
669	10	TDSA2R-2	556672.20	4482648.75	0	0	0	0	0	0	13	19.16	3Coil_Towed_Array
670	11	TDSA2R-2	556674.90	4482650.85	0	0	0	0	0	0	1	13.39	3Coil_Towed_Array
671	12	TDSA2R-2	556684.20	4482667.20	0	0	0	0	0	0	1	13.08	3Coil_Towed_Array
672	13	TDSA2R-2	556686.15	4482668.40	0	0	0	0	0	0	1	17.62	3Coil_Towed_Array
673	14	TDSA2R-2	556688.85	4482671.10	0	0	0	0	0	0	1	11.79	3Coil_Towed_Array
674	15	TDSA2R-2	556686.90	4482671.55	0	0	0	0	0	0	1	10.83	3Coil_Towed_Array
675	16	TDSA2R-2	556741.39	4482757.58	0	0	0	0	0	0	12	3.60	3Coil_Towed_Array
676	17	TDSA2R-2	556752.00	4482773.40	0	0	0	0	0	0	1	7.18	3Coil_Towed_Array
677	18	TDSA2R-2	556752.31	4482774.78	0	0	0	0	0	0	1	6.82	3Coil_Towed_Array
678	19	TDSA2R-2	556764.30	4482795.60	0	0	0	0	0	0	1	45.57	3Coil_Towed_Array
679	20	TDSA2R-2	556765.05	4482796.65	0	0	0	0	0	0	1	21.63	3Coil_Towed_Array
680	21	TDSA2R-2	556782.30	4482823.80	0	0	0	0	0	0	1	8.34	3Coil_Towed_Array
681	22	TDSA2R-2	556787.85	4482828.90	0	0	0	0	0	0	1	8.24	3Coil_Towed_Array
682	23	TDSA2R-2	556855.35	4482934.35	0	0	0	0	0	0	1	88.67	3Coil_Towed_Array
683	24	TDSA2R-2	556855.90	4482935.18	0	0	0	0	0	0	13	21.47	3Coil_Towed_Array
684	25	TDSA2R-2	556857.45	4482937.35	0	0	0	0	0	0	1	11.68	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
685	26	TDSA2R-2	556857.30	4482939.30	0	0	0	0	0	0	13	15.10	3Coil_Towed_Array
686	27	TDSA2R-2	556857.75	4482940.20	0	0	0	0	0	0	1	7.10	3Coil_Towed_Array
687	28	TDSA2R-2	556862.25	4482953.40	0	0	0	0	0	0	1	1037.59	3Coil_Towed_Array
688	1	TDSA2R-3	556587.75	4482641.42	0	0	0	0	0	0	1	7.16	3Coil_Towed_Array
689	2	TDSA2R-3	556596.90	4482659.40	0	0	0	0	0	0	1	41.87	3Coil_Towed_Array
690	3	TDSA2R-3	556601.51	4482661.89	0	0	0	0	0	0	1	328.80	3Coil_Towed_Array
691	4	TDSA2R-3	556610.55	4482676.20	0	0	0	0	0	0	1	15.47	3Coil_Towed_Array
692	5	TDSA2R-3	556630.20	4482707.70	0	0	0	0	0	0	1	15.86	3Coil_Towed_Array
693	6	TDSA2R-3	556631.05	4482711.30	0	0	0	0	0	0	1	8.39	3Coil_Towed_Array
694	7	TDSA2R-3	556673.53	4482782.13	0	0	0	0	0	0	1	4.42	3Coil_Towed_Array
695	8	TDSA2R-3	556679.85	4482792.15	0	0	0	0	0	0	7	4.01	3Coil_Towed_Array
696	9	TDSA2R-3	556680.30	4482793.05	0	0	0	0	0	0	7	4.13	3Coil_Towed_Array
697	10	TDSA2R-3	556694.40	4482812.55	0	0	0	0	0	0	1	4.95	3Coil_Towed_Array
698	11	TDSA2R-3	556696.05	4482817.20	0	0	0	0	0	0	1	7.52	3Coil_Towed_Array
699	12	TDSA2R-3	556699.80	4482820.95	0	0	0	0	0	0	1	140.54	3Coil_Towed_Array
700	13	TDSA2R-3	556701.47	4482824.36	0	0	0	0	0	0	1	5.63	3Coil_Towed_Array
701	14	TDSA2R-3	556705.20	4482828.90	0	0	0	0	0	0	1	59.32	3Coil_Towed_Array
702	15	TDSA2R-3	556707.00	4482833.40	0	0	0	0	0	0	1	5.52	3Coil_Towed_Array
703	16	TDSA2R-3	556709.49	4482837.22	0	0	0	0	0	0	1	21.75	3Coil_Towed_Array
704	17	TDSA2R-3	556711.05	4482837.60	0	0	0	0	0	0	13	59.14	3Coil_Towed_Array
705	18	TDSA2R-3	556711.50	4482842.40	0	0	0	0	0	0	1	4.36	3Coil_Towed_Array
706	19	TDSA2R-3	556713.45	4482843.45	0	0	0	0	0	0	1	9.94	3Coil_Towed_Array
707	20	TDSA2R-3	556715.40	4482844.50	0	0	0	0	0	0	1	26.08	3Coil_Towed_Array
708	21	TDSA2R-3	556716.30	4482845.70	0	0	0	0	0	0	13	23.10	3Coil_Towed_Array
709	22	TDSA2R-3	556722.04	4482858.15	0	0	0	0	0	0	7	4.11	3Coil_Towed_Array
710	23	TDSA2R-3	556728.45	4482868.05	0	0	0	0	0	0	1	5.61	3Coil_Towed_Array
711	24	TDSA2R-3	556728.30	4482869.70	0	0	0	0	0	0	1	4.92	3Coil_Towed_Array
712	25	TDSA2R-3	556730.10	4482875.10	0	0	0	0	0	0	7	4.68	3Coil_Towed_Array
713	26	TDSA2R-3	556736.85	4482886.50	0	0	0	0	0	0	1	4.43	3Coil_Towed_Array
714	27	TDSA2R-3	556740.45	4482893.10	0	0	0	0	0	0	1	4.97	3Coil_Towed_Array
715	28	TDSA2R-3	556742.32	4482896.41	0	0	0	0	0	0	1	14.88	3Coil_Towed_Array
716	29	TDSA2R-3	556741.65	4482897.30	0	0	0	0	0	0	1	6.99	3Coil_Towed_Array
717	30	TDSA2R-3	556743.45	4482900.30	0	0	0	0	0	0	1	28.00	3Coil_Towed_Array
718	31	TDSA2R-3	556755.90	4482918.00	0	0	0	0	0	0	1	5.45	3Coil_Towed_Array
719	32	TDSA2R-3	556764.60	4482930.15	0	0	0	0	0	0	1	9.76	3Coil_Towed_Array
720	33	TDSA2R-3	556769.40	4482936.00	0	0	0	0	0	0	1	4.57	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
721	34	TDSA2R-3	556770.45	4482937.80	0	0	0	0	0	0	1	16.30	3Coil_Towed_Array
722	35	TDSA2R-3	556770.75	4482940.20	0	0	0	0	0	0	1	7.50	3Coil_Towed_Array
723	36	TDSA2R-3	556770.60	4482941.85	0	0	0	0	0	0	7	4.77	3Coil_Towed_Array
724	37	TDSA2R-3	556785.30	4482962.55	0	0	0	0	0	0	1	8.73	3Coil_Towed_Array
725	38	TDSA2R-3	556785.90	4482963.60	0	0	0	0	0	0	1	7.00	3Coil_Towed_Array
726	39	TDSA2R-3	556799.10	4482990.15	0	0	0	0	0	0	7	5.50	3Coil_Towed_Array
727	1	TDSA2R-4	556689.60	4482952.05	0	0	0	0	0	0	3	188.97	3Coil_Towed_Array
728	2	TDSA2R-4	556688.18	4482952.60	0	0	0	0	0	0	3	805.12	3Coil_Towed_Array
729	3	TDSA2R-4	556690.80	4482954.00	0	0	0	0	0	0	1	149.78	3Coil_Towed_Array
730	4	TDSA2R-4	556690.65	4482956.85	0	0	0	0	0	0	1	40.86	3Coil_Towed_Array
731	5	TDSA2R-4	556691.85	4482957.15	0	0	0	0	0	0	1	11.22	3Coil_Towed_Array
732	6	TDSA2R-4	556689.90	4482957.90	0	0	0	0	0	0	1	12.03	3Coil_Towed_Array
733	7	TDSA2R-4	556691.70	4482959.85	0	0	0	0	0	0	13	284.23	3Coil_Towed_Array
734	8	TDSA2R-4	556693.20	4482960.90	0	0	0	0	0	0	1	493.12	3Coil_Towed_Array
735	9	TDSA2R-4	556691.70	4482962.55	0	0	0	0	0	0	1	10.21	3Coil_Towed_Array
736	10	TDSA2R-4	556694.89	4482965.97	0	0	0	0	0	0	1	66.90	3Coil_Towed_Array
737	11	TDSA2R-4	556695.00	4482968.25	0	0	0	0	0	0	1	8.11	3Coil_Towed_Array
738	12	TDSA2R-4	556697.13	4482968.46	0	0	0	0	0	0	1	29.86	3Coil_Towed_Array
739	13	TDSA2R-4	556697.40	4482971.70	0	0	0	0	0	0	13	7.56	3Coil_Towed_Array
740	14	TDSA2R-4	556702.66	4482975.86	0	0	0	0	0	0	1	14.81	3Coil_Towed_Array
741	15	TDSA2R-4	556702.80	4482977.85	0	0	0	0	0	0	1	6.00	3Coil_Towed_Array
742	16	TDSA2R-4	556704.75	4482979.05	0	0	0	0	0	0	1	89.58	3Coil_Towed_Array
743	17	TDSA2R-4	556706.04	4482980.82	0	0	0	0	0	0	1	7.90	3Coil_Towed_Array
744	18	TDSA2R-4	556707.65	4482984.58	0	0	0	0	0	0	1	14.08	3Coil_Towed_Array
745	19	TDSA2R-4	556706.85	4482985.95	0	0	0	0	0	0	1	191.62	3Coil_Towed_Array
746	20	TDSA2R-4	556710.00	4482987.15	0	0	0	0	0	0	1	9.89	3Coil_Towed_Array
747	21	TDSA2R-4	556712.83	4482991.68	0	0	0	0	0	0	3	64.95	3Coil_Towed_Array
748	22	TDSA2R-4	556713.90	4482992.70	0	0	0	0	0	0	3	13.10	3Coil_Towed_Array
749	23	TDSA2R-4	556713.45	4482995.40	0	0	0	0	0	0	3	69.31	3Coil_Towed_Array
750	24	TDSA2R-4	556717.05	4482996.75	0	0	0	0	0	0	1	9.89	3Coil_Towed_Array
751	25	TDSA2R-4	556715.26	4482997.06	0	0	0	0	0	0	3	228.59	3Coil_Towed_Array
752	26	TDSA2R-4	556718.10	4482997.95	0	0	0	0	0	0	7	8.87	3Coil_Towed_Array
753	27	TDSA2R-4	556716.06	4482998.48	0	0	0	0	0	0	3	59.61	3Coil_Towed_Array
754	28	TDSA2R-4	556717.95	4482999.15	0	0	0	0	0	0	1	45.80	3Coil_Towed_Array
755	29	TDSA2R-4	556716.74	4482999.32	0	0	0	0	0	0	3	42.69	3Coil_Towed_Array
756	30	TDSA2R-4	556720.80	4483000.65	0	0	0	0	0	0	7	27.35	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
757	31	TDSA2R-4	556718.10	4483000.80	0	0	0	0	0	0	1	13.96	3Coil_Towed_Array
758	32	TDSA2R-4	556722.00	4483001.85	0	0	0	0	0	0	1	90.52	3Coil_Towed_Array
759	33	TDSA2R-4	556720.35	4483002.90	0	0	0	0	0	0	1	107.57	3Coil_Towed_Array
760	34	TDSA2R-4	556722.89	4483003.39	0	0	0	0	0	0	1	40.01	3Coil_Towed_Array
761	35	TDSA2R-4	556721.40	4483003.95	0	0	0	0	0	0	1	100.41	3Coil_Towed_Array
762	36	TDSA2R-4	556725.60	4483004.40	0	0	0	0	0	0	3	669.07	3Coil_Towed_Array
763	37	TDSA2R-4	556723.80	4483005.15	0	0	0	0	0	0	1	15.08	3Coil_Towed_Array
764	38	TDSA2R-4	556727.25	4483006.65	0	0	0	0	0	0	3	1308.51	3Coil_Towed_Array
765	39	TDSA2R-4	556727.85	4483008.75	0	0	0	0	0	0	3	105.61	3Coil_Towed_Array
766	40	TDSA2R-4	556729.11	4483009.08	0	0	0	0	0	0	3	84.51	3Coil_Towed_Array
767	41	TDSA2R-4	556733.55	4483011.60	0	0	0	0	0	0	3	70.98	3Coil_Towed_Array
768	42	TDSA2R-4	556734.75	4483011.67	0	0	0	0	0	0	3	85.44	3Coil_Towed_Array
769	43	TDSA2R-4	556737.42	4483012.71	0	0	0	0	0	0	3	6512.78	3Coil_Towed_Array
770	44	TDSA2R-4	556740.37	4483016.58	0	0	0	0	0	0	2	11204.76	3Coil_Towed_Array
771	45	TDSA2R-4	556742.55	4483017.15	0	0	0	0	0	0	2	9341.59	3Coil_Towed_Array
772	46	TDSA2R-4	556741.84	4483018.82	0	0	0	0	0	0	2	12188.11	3Coil_Towed_Array
773	47	TDSA2R-4	556744.35	4483019.40	0	0	0	0	0	0	2	8259.65	3Coil_Towed_Array
774	48	TDSA2R-4	556742.70	4483020.75	0	0	0	0	0	0	2	8516.60	3Coil_Towed_Array
775	49	TDSA2R-4	556745.40	4483021.50	0	0	0	0	0	0	2	9549.25	3Coil_Towed_Array
776	50	TDSA2R-4	556749.60	4483024.50	0	0	0	0	0	0	3	2137.64	3Coil_Towed_Array
777	51	TDSA2R-4	556748.02	4483025.54	0	0	0	0	0	0	3	9191.38	3Coil_Towed_Array
778	52	TDSA2R-4	556750.46	4483027.71	0	0	0	0	0	0	3	5508.92	3Coil_Towed_Array
779	53	TDSA2R-4	556749.30	4483029.75	0	0	0	0	0	0	3	8457.68	3Coil_Towed_Array
780	54	TDSA2R-4	556751.40	4483030.05	0	0	0	0	0	0	3	8318.25	3Coil_Towed_Array
781	55	TDSA2R-4	556750.87	4483032.04	0	0	0	0	0	0	3	6770.80	3Coil_Towed_Array
782	56	TDSA2R-4	556749.56	4483034.35	0	0	0	0	0	0	3	1464.37	3Coil_Towed_Array
783	57	TDSA2R-4	556746.90	4483038.60	0	0	0	0	0	0	7	8.04	3Coil_Towed_Array
784	58	TDSA2R-4	556748.40	4483039.05	0	0	0	0	0	0	7	7.09	3Coil_Towed_Array
785	59	TDSA2R-4	556746.60	4483040.55	0	0	0	0	0	0	7	6.30	3Coil_Towed_Array
786	60	TDSA2R-4	556747.35	4483042.50	0	0	0	0	0	0	1	8.09	3Coil_Towed_Array
787	61	TDSA2R-4	556749.60	4483048.95	0	0	0	0	0	0	7	5.18	3Coil_Towed_Array
788	62	TDSA2R-4	556761.02	4483058.70	0	0	0	0	0	0	2	370.06	3Coil_Towed_Array
789	1	TDSA2R-5	556669.80	4483006.95	0	0	0	0	0	0	1	930.80	3Coil_Towed_Array
790	2	TDSA2R-5	556672.35	4483007.10	0	0	0	0	0	0	1	21.51	3Coil_Towed_Array
791	3	TDSA2R-5	556677.60	4483010.70	0	0	0	0	0	0	7	7.51	3Coil_Towed_Array
792	4	TDSA2R-5	556678.05	4483012.20	0	0	0	0	0	0	3	108.03	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
793	5	TDSA2R-5	556676.94	4483012.95	0	0	0	0	0	0	1	39.63	3Coil_Towed_Array
794	6	TDSA2R-5	556678.95	4483013.55	0	0	0	0	0	0	3	182.16	3Coil_Towed_Array
795	7	TDSA2R-5	556678.20	4483015.05	0	0	0	0	0	0	2	213.92	3Coil_Towed_Array
796	8	TDSA2R-5	556677.15	4483015.80	0	0	0	0	0	0	2	99.00	3Coil_Towed_Array
797	9	TDSA2R-5	556679.25	4483016.10	0	0	0	0	0	0	2	181.01	3Coil_Towed_Array
798	10	TDSA2R-5	556678.05	4483017.60	0	0	0	0	0	0	2	181.86	3Coil_Towed_Array
799	11	TDSA2R-5	556678.35	4483019.70	0	0	0	0	0	0	3	303.25	3Coil_Towed_Array
800	12	TDSA2R-5	556676.85	4483020.45	0	0	0	0	0	0	3	478.38	3Coil_Towed_Array
801	13	TDSA2R-5	556676.10	4483022.10	0	0	0	0	0	0	3	132.99	3Coil_Towed_Array
802	14	TDSA2R-5	556674.90	4483023.15	0	0	0	0	0	0	3	159.24	3Coil_Towed_Array
803	15	TDSA2R-5	556675.80	4483023.90	0	0	0	0	0	0	3	173.85	3Coil_Towed_Array
804	16	TDSA2R-5	556674.72	4483024.61	0	0	0	0	0	0	3	112.73	3Coil_Towed_Array
805	17	TDSA2R-5	556676.78	4483025.76	0	0	0	0	0	0	3	212.19	3Coil_Towed_Array
806	18	TDSA2R-5	556675.20	4483027.35	0	0	0	0	0	0	3	277.95	3Coil_Towed_Array
807	19	TDSA2R-5	556677.03	4483027.80	0	0	0	0	0	0	3	219.46	3Coil_Towed_Array
808	20	TDSA2R-5	556678.05	4483030.35	0	0	0	0	0	0	3	263.34	3Coil_Towed_Array
809	21	TDSA2R-5	556679.70	4483032.30	0	0	0	0	0	0	3	408.48	3Coil_Towed_Array
810	22	TDSA2R-5	556681.80	4483033.20	0	0	0	0	0	0	3	159.68	3Coil_Towed_Array
811	23	TDSA2R-5	556682.70	4483034.25	0	0	0	0	0	0	3	203.40	3Coil_Towed_Array
812	24	TDSA2R-5	556683.00	4483036.20	0	0	0	0	0	0	3	1277.49	3Coil_Towed_Array
813	25	TDSA2R-5	556685.70	4483037.85	0	0	0	0	0	0	3	972.83	3Coil_Towed_Array
814	26	TDSA2R-5	556685.23	4483039.88	0	0	0	0	0	0	3	299.61	3Coil_Towed_Array
815	27	TDSA2R-5	556687.35	4483041.30	0	0	0	0	0	0	3	594.25	3Coil_Towed_Array
816	28	TDSA2R-5	556686.49	4483041.79	0	0	0	0	0	0	3	312.73	3Coil_Towed_Array
817	29	TDSA2R-5	556688.70	4483042.80	0	0	0	0	0	0	3	676.26	3Coil_Towed_Array
818	30	TDSA2R-5	556688.30	4483043.83	0	0	0	0	0	0	3	658.70	3Coil_Towed_Array
819	31	TDSA2R-5	556691.43	4483044.30	0	0	0	0	0	0	3	515.43	3Coil_Towed_Array
820	32	TDSA2R-5	556690.05	4483044.30	0	0	0	0	0	0	3	806.40	3Coil_Towed_Array
821	33	TDSA2R-5	556689.88	4483045.57	0	0	0	0	0	0	3	467.98	3Coil_Towed_Array
822	34	TDSA2R-5	556692.00	4483046.40	0	0	0	0	0	0	3	1125.58	3Coil_Towed_Array
823	35	TDSA2R-5	556693.82	4483048.71	0	0	0	0	0	0	3	366.32	3Coil_Towed_Array
824	36	TDSA2R-5	556696.50	4483048.80	0	0	0	0	0	0	3	641.85	3Coil_Towed_Array
825	37	TDSA2R-5	556694.91	4483050.29	0	0	0	0	0	0	3	197.12	3Coil_Towed_Array
826	38	TDSA2R-5	556697.55	4483050.60	0	0	0	0	0	0	3	989.69	3Coil_Towed_Array
827	39	TDSA2R-5	556698.60	4483051.95	0	0	0	0	0	0	2	1275.38	3Coil_Towed_Array
828	1	TDSA2R-6	556600.35	4483038.00	0	0	0	0	0	0	13	14.77	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
829	2	TDSA2R-6	556613.25	4483060.65	0	0	0	0	0	0	1	9.25	3Coil_Towed_Array
830	3	TDSA2R-6	556617.60	4483062.45	0	0	0	0	0	0	1	9.20	3Coil_Towed_Array
831	4	TDSA2R-6	556649.85	4483107.08	0	0	0	0	0	0	1	14.79	3Coil_Towed_Array
832	5	TDSA2R-6	556650.75	4483110.60	0	0	0	0	0	0	13	34.96	3Coil_Towed_Array
833	6	TDSA2R-6	556652.10	4483110.75	0	0	0	0	0	0	13	58.52	3Coil_Towed_Array
834	7	TDSA2R-6	556654.20	4483111.95	0	0	0	0	0	0	7	12.99	3Coil_Towed_Array
835	8	TDSA2R-6	556655.35	4483113.62	0	0	0	0	0	0	1	31.07	3Coil_Towed_Array
836	9	TDSA2R-6	556658.55	4483118.55	0	0	0	0	0	0	1	30.46	3Coil_Towed_Array
837	10	TDSA2R-6	556658.25	4483119.90	0	0	0	0	0	0	1	63.15	3Coil_Towed_Array
838	11	TDSA2R-6	556659.90	4483120.65	0	0	0	0	0	0	1	9.29	3Coil_Towed_Array
839	12	TDSA2R-6	556657.95	4483121.25	0	0	0	0	0	0	1	25.42	3Coil_Towed_Array
840	13	TDSA2R-6	556662.90	4483124.55	0	0	0	0	0	0	1	20.56	3Coil_Towed_Array
841	14	TDSA2R-6	556660.50	4483124.85	0	0	0	0	0	0	13	4.84	3Coil_Towed_Array
842	15	TDSA2R-6	556665.15	4483129.50	0	0	0	0	0	0	1	25.30	3Coil_Towed_Array
843	16	TDSA2R-6	556667.08	4483131.50	0	0	0	0	0	0	13	6.57	3Coil_Towed_Array
844	17	TDSA2R-6	556672.28	4483138.55	0	0	0	0	0	0	13	8.01	3Coil_Towed_Array
845	18	TDSA2R-6	556673.25	4483140.30	0	0	0	0	0	0	1	4.72	3Coil_Towed_Array
846	19	TDSA2R-6	556680.30	4483148.10	0	0	0	0	0	0	1	4.95	3Coil_Towed_Array
847	20	TDSA2R-6	556686.75	4483156.65	0	0	0	0	0	0	1	6.32	3Coil_Towed_Array
848	21	TDSA2R-6	556687.95	4483161.75	0	0	0	0	0	0	7	9.80	3Coil_Towed_Array
849	22	TDSA2R-6	556689.90	4483162.80	0	0	0	0	0	0	7	5.11	3Coil_Towed_Array
850	23	TDSA2R-6	556689.90	4483164.45	0	0	0	0	0	0	1	7.66	3Coil_Towed_Array
851	24	TDSA2R-6	556692.60	4483164.90	0	0	0	0	0	0	1	8.17	3Coil_Towed_Array
852	25	TDSA2R-6	556691.92	4483166.42	0	0	0	0	0	0	1	5.74	3Coil_Towed_Array
853	26	TDSA2R-6	556692.90	4483168.50	0	0	0	0	0	0	1	8.46	3Coil_Towed_Array
854	27	TDSA2R-6	556695.96	4483169.45	0	0	0	0	0	0	1	13.16	3Coil_Towed_Array
855	28	TDSA2R-6	556700.82	4483177.73	0	0	0	0	0	0	1	4.41	3Coil_Towed_Array
856	29	TDSA2R-6	556702.05	4483179.90	0	0	0	0	0	0	1	8.23	3Coil_Towed_Array
857	30	TDSA2R-6	556703.40	4483181.25	0	0	0	0	0	0	1	12.61	3Coil_Towed_Array
858	31	TDSA2R-6	556705.59	4483184.60	0	0	0	0	0	0	1	13.54	3Coil_Towed_Array
859	32	TDSA2R-6	556708.95	4483188.30	0	0	0	0	0	0	1	5.28	3Coil_Towed_Array
860	33	TDSA2R-6	556713.60	4483196.25	0	0	0	0	0	0	1	18.72	3Coil_Towed_Array
861	34	TDSA2R-6	556715.70	4483197.45	0	0	0	0	0	0	1	8.61	3Coil_Towed_Array
862	35	TDSA2R-6	556717.35	4483199.55	0	0	0	0	0	0	7	4.34	3Coil_Towed_Array
863	36	TDSA2R-6	556715.55	4483200.60	0	0	0	0	0	0	1	8.80	3Coil_Towed_Array
864	37	TDSA2R-6	556718.44	4483202.52	0	0	0	0	0	0	1	80.21	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
865	38	TDSA2R-6	556718.55	4483204.65	0	0	0	0	0	0	1	4.43	3Coil_Towed_Array
866	39	TDSA2R-6	556721.40	4483206.75	0	0	0	0	0	0	1	93.48	3Coil_Towed_Array
867	40	TDSA2R-6	556725.75	4483214.10	0	0	0	0	0	0	7	4.31	3Coil_Towed_Array
868	1	TDSA2R-7	556523.19	4483071.93	0	0	0	0	0	0	1	10.23	3Coil_Towed_Array
869	2	TDSA2R-7	556523.25	4483074.00	0	0	0	0	0	0	1	71.32	3Coil_Towed_Array
870	3	TDSA2R-7	556530.56	4483084.19	0	0	0	0	0	0	1	23.77	3Coil_Towed_Array
871	4	TDSA2R-7	556555.50	4483116.30	0	0	0	0	0	0	1	4.69	3Coil_Towed_Array
872	5	TDSA2R-7	556562.10	4483126.95	0	0	0	0	0	0	7	4.98	3Coil_Towed_Array
873	6	TDSA2R-7	556581.15	4483149.45	0	0	0	0	0	0	7	4.46	3Coil_Towed_Array
874	7	TDSA2R-7	556646.55	4483228.05	0	0	0	0	0	0	13	52.17	3Coil_Towed_Array
875	1	TDSA3R-2	555094.81	4482054.78	0	0	0	0	0	0	1	4.74	3Coil_Towed_Array
876	2	TDSA3R-2	555093.73	4482088.55	0	0	0	0	0	0	7	5.44	3Coil_Towed_Array
877	1	TDSA3R-3	555202.94	4481896.46	0	0	0	0	0	0	7	4.43	3Coil_Towed_Array
878	2	TDSA3R-3	555192.64	4481914.58	0	0	0	0	0	0	1	17.23	3Coil_Towed_Array
879	3	TDSA3R-3	555194.77	4481929.71	0	0	0	0	0	0	1	4.64	3Coil_Towed_Array
880	4	TDSA3R-3	555195.38	4481932.17	0	0	0	0	0	0	1	4.88	3Coil_Towed_Array
881	5	TDSA3R-3	555194.95	4481945.24	0	0	0	0	0	0	13	85.75	3Coil_Towed_Array
882	6	TDSA3R-3	555194.22	4481973.29	0	0	0	0	0	0	7	5.92	3Coil_Towed_Array
883	7	TDSA3R-3	555193.40	4482007.94	0	0	0	0	0	0	7	4.50	3Coil_Towed_Array
884	8	TDSA3R-3	555194.34	4482066.57	0	0	0	0	0	0	7	5.02	3Coil_Towed_Array
885	9	TDSA3R-3	555194.96	4482122.63	0	0	0	0	0	0	7	4.37	3Coil_Towed_Array
886	10	TDSA3R-3	555192.61	4482177.48	0	0	0	0	0	0	7	4.60	3Coil_Towed_Array
887	11	TDSA3R-3	555193.51	4482181.09	0	0	0	0	0	0	7	4.69	3Coil_Towed_Array
888	12	TDSA3R-3	555193.49	4482200.33	0	0	0	0	0	0	7	4.36	3Coil_Towed_Array
889	13	TDSA3R-3	555192.44	4482219.25	0	0	0	0	0	0	7	4.62	3Coil_Towed_Array
890	14	TDSA3R-3	555193.40	4482224.99	0	0	0	0	0	0	7	4.20	3Coil_Towed_Array
891	1	TDSA3R-4	555293.23	4481964.23	0	0	0	0	0	0	13	20.87	3Coil_Towed_Array
892	2	TDSA3R-4	555294.52	4481970.01	0	0	0	0	0	0	7	5.56	3Coil_Towed_Array
893	3	TDSA3R-4	555294.68	4481971.82	0	0	0	0	0	0	7	4.47	3Coil_Towed_Array
894	4	TDSA3R-4	555293.70	4481972.94	0	0	0	0	0	0	7	4.76	3Coil_Towed_Array
895	5	TDSA3R-4	555292.08	4481977.84	0	0	0	0	0	0	7	6.33	3Coil_Towed_Array
896	6	TDSA3R-4	555292.07	4481980.01	0	0	0	0	0	0	7	4.63	3Coil_Towed_Array
897	7	TDSA3R-4	555292.13	4481981.87	0	0	0	0	0	0	7	4.50	3Coil_Towed_Array
898	8	TDSA3R-4	555294.14	4481984.60	0	0	0	0	0	0	1	4.32	3Coil_Towed_Array
899	9	TDSA3R-4	555292.19	4482272.92	0	0	0	0	0	0	7	4.20	3Coil_Towed_Array
900	10	TDSA3R-4	555292.26	4482273.91	0	0	0	0	0	0	7	6.11	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
901	1	TDSA3R-5	555393.43	4482082.32	0	0	0	0	0	0	1	34.53	3Coil_Towed_Array
902	2	TDSA3R-5	555391.49	4482206.04	0	0	0	0	0	0	13	5.94	3Coil_Towed_Array
903	3	TDSA3R-5	555392.79	4482275.75	0	0	0	0	0	0	7	4.44	3Coil_Towed_Array
904	1	TDSA3R-6	555492.48	4482372.40	0	0	0	0	0	0	13	8.25	3Coil_Towed_Array
905	2	TDSA3R-6	555492.86	4482392.18	0	0	0	0	0	0	1	94.92	3Coil_Towed_Array
906	3	TDSA3R-6	555491.77	4482393.35	0	0	0	0	0	0	13	99.90	3Coil_Towed_Array
907	4	TDSA3R-6	555490.96	4482394.65	0	0	0	0	0	0	7	11.02	3Coil_Towed_Array
908	5	TDSA3R-6	555493.11	4482395.80	0	0	0	0	0	0	1	25.97	3Coil_Towed_Array
909	1	TDSA3R-7	555589.94	4482460.37	0	0	0	0	0	0	7	5.51	3Coil_Towed_Array
910	2	TDSA3R-7	555591.11	4482461.25	0	0	0	0	0	0	7	4.84	3Coil_Towed_Array
911	1	TDSA3R-8	555692.02	4482293.78	0	0	0	0	0	0	1	34.60	3Coil_Towed_Array
912	2	TDSA3R-8	555692.42	4482507.72	0	0	0	0	0	0	7	5.26	3Coil_Towed_Array
913	1	TDSA3R-9	555794.78	4482378.87	0	0	0	0	0	0	2	11.70	3Coil_Towed_Array
914	2	TDSA3R-9	555793.23	4482538.01	0	0	0	0	0	0	13	20.09	3Coil_Towed_Array
915	1	TDSA3R-10	555891.83	4482351.03	0	0	0	0	0	0	13	95.86	3Coil_Towed_Array
916	2	TDSA3R-10	555892.48	4482575.76	0	0	0	0	0	0	1	6.27	3Coil_Towed_Array
917	3	TDSA3R-10	555892.45	4482581.03	0	0	0	0	0	0	1	4.61	3Coil_Towed_Array
918	1	TDSA3R-11	555991.61	4482575.70	0	0	0	0	0	0	1	121.84	3Coil_Towed_Array
919	2	TDSA3R-11	555988.95	4482734.62	0	0	0	0	0	0	7	4.11	3Coil_Towed_Array
920	1	TDSA3R-13	556186.74	4482697.23	0	0	0	0	0	0	13	6.75	3Coil_Towed_Array
921	2	TDSA3R-13	556186.73	4482701.50	0	0	0	0	0	0	3	1677.33	3Coil_Towed_Array
922	3	TDSA3R-13	556185.97	4482702.72	0	0	0	0	0	0	3	2738.17	3Coil_Towed_Array
923	4	TDSA3R-13	556185.28	4482704.37	0	0	0	0	0	0	13	1450.18	3Coil_Towed_Array
924	5	TDSA3R-13	556187.38	4482705.42	0	0	0	0	0	0	13	4011.31	3Coil_Towed_Array
925	6	TDSA3R-13	556188.60	4482708.36	0	0	0	0	0	0	2	276.12	3Coil_Towed_Array
926	1	TDSA5R-4	555224.40	4481179.95	0	0	0	0	0	0	7	7.04	3Coil_Towed_Array
927	2	TDSA5R-4	555223.50	4481181.30	0	0	0	0	0	0	7	13.17	3Coil_Towed_Array
928	3	TDSA5R-4	555225.15	4481181.60	0	0	0	0	0	0	7	12.58	3Coil_Towed_Array
929	4	TDSA5R-4	555222.90	4481182.50	0	0	0	0	0	0	7	8.75	3Coil_Towed_Array
930	5	TDSA5R-4	555224.15	4481183.10	0	0	0	0	0	0	7	11.54	3Coil_Towed_Array
931	6	TDSA5R-4	555222.60	4481184.15	0	0	0	0	0	0	7	6.55	3Coil_Towed_Array
932	7	TDSA5R-4	555224.55	4481184.45	0	0	0	0	0	0	7	4.66	3Coil_Towed_Array
933	8	TDSA5R-4	555222.60	4481185.65	0	0	0	0	0	0	7	19.99	3Coil_Towed_Array
934	9	TDSA5R-4	555224.25	4481185.80	0	0	0	0	0	0	7	19.89	3Coil_Towed_Array
935	10	TDSA5R-4	555222.60	4481186.55	0	0	0	0	0	0	7	12.64	3Coil_Towed_Array
936	11	TDSA5R-4	555221.99	4481187.72	0	0	0	0	0	0	7	4.34	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
937	12	TDSA5R-4	555223.65	4481188.05	0	0	0	0	0	0	7	12.33	3Coil_Towed_Array
938	13	TDSA5R-4	555221.74	4481189.08	0	0	0	0	0	0	7	7.15	3Coil_Towed_Array
939	14	TDSA5R-4	555222.95	4481189.30	0	0	0	0	0	0	7	11.10	3Coil_Towed_Array
940	15	TDSA5R-4	555221.55	4481190.45	0	0	0	0	0	0	7	12.83	3Coil_Towed_Array
941	16	TDSA5R-4	555222.80	4481190.50	0	0	0	0	0	0	7	14.29	3Coil_Towed_Array
942	17	TDSA5R-4	555223.23	4481192.05	0	0	0	0	0	0	7	4.63	3Coil_Towed_Array
943	18	TDSA5R-4	555221.10	4481192.85	0	0	0	0	0	0	7	10.43	3Coil_Towed_Array
944	19	TDSA5R-4	555222.45	4481192.85	0	0	0	0	0	0	7	8.67	3Coil_Towed_Array
945	20	TDSA5R-4	555221.10	4481193.90	0	0	0	0	0	0	7	10.73	3Coil_Towed_Array
946	21	TDSA5R-4	555220.65	4481194.95	0	0	0	0	0	0	7	12.05	3Coil_Towed_Array
947	22	TDSA5R-4	555222.60	4481195.40	0	0	0	0	0	0	7	15.42	3Coil_Towed_Array
948	23	TDSA5R-4	555221.70	4481196.60	0	0	0	0	0	0	7	7.85	3Coil_Towed_Array
949	24	TDSA5R-4	555220.20	4481196.75	0	0	0	0	0	0	7	7.31	3Coil_Towed_Array
950	25	TDSA5R-4	555221.30	4481197.65	0	0	0	0	0	0	7	12.68	3Coil_Towed_Array
951	26	TDSA5R-4	555219.90	4481199.45	0	0	0	0	0	0	7	12.13	3Coil_Towed_Array
952	27	TDSA5R-4	555222.00	4481199.45	0	0	0	0	0	0	7	13.40	3Coil_Towed_Array
953	28	TDSA5R-4	555221.85	4481201.10	0	0	0	0	0	0	7	11.22	3Coil_Towed_Array
954	29	TDSA5R-4	555219.75	4481201.75	0	0	0	0	0	0	7	9.97	3Coil_Towed_Array
955	30	TDSA5R-4	555221.55	4481203.35	0	0	0	0	0	0	3	425.64	3Coil_Towed_Array
956	31	TDSA5R-4	555220.50	4481205.00	0	0	0	0	0	0	3	631.38	3Coil_Towed_Array
957	32	TDSA5R-4	555221.70	4481206.35	0	0	0	0	0	0	3	475.62	3Coil_Towed_Array
958	33	TDSA5R-4	555219.90	4481208.00	0	0	0	0	0	0	3	765.36	3Coil_Towed_Array
959	34	TDSA5R-4	555220.95	4481209.65	0	0	0	0	0	0	3	770.48	3Coil_Towed_Array
960	35	TDSA5R-4	555220.95	4481212.20	0	0	0	0	0	0	3	585.61	3Coil_Towed_Array
961	36	TDSA5R-4	555219.95	4481215.00	0	0	0	0	0	0	3	659.24	3Coil_Towed_Array
962	37	TDSA5R-4	555220.50	4481216.40	0	0	0	0	0	0	3	731.63	3Coil_Towed_Array
963	38	TDSA5R-4	555219.30	4481217.60	0	0	0	0	0	0	3	420.37	3Coil_Towed_Array
964	39	TDSA5R-4	555219.65	4481220.30	0	0	0	0	0	0	2	493.31	3Coil_Towed_Array
965	40	TDSA5R-4	555219.15	4481222.25	0	0	0	0	0	0	3	523.64	3Coil_Towed_Array
966	41	TDSA5R-4	555218.40	4481224.05	0	0	0	0	0	0	3	370.90	3Coil_Towed_Array
967	42	TDSA5R-4	555218.55	4481225.85	0	0	0	0	0	0	3	361.94	3Coil_Towed_Array
968	43	TDSA5R-4	555216.30	4481226.30	0	0	0	0	0	0	3	602.51	3Coil_Towed_Array
969	44	TDSA5R-4	555215.85	4481227.90	0	0	0	0	0	0	3	599.50	3Coil_Towed_Array
970	45	TDSA5R-4	555217.65	4481227.95	0	0	0	0	0	0	3	449.71	3Coil_Towed_Array
971	46	TDSA5R-4	555214.50	4481230.35	0	0	0	0	0	0	3	447.24	3Coil_Towed_Array
972	47	TDSA5R-4	555216.30	4481231.40	0	0	0	0	0	0	3	605.13	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
973	48	TDSA5R-4	555213.45	4481233.80	0	0	0	0	0	0	7	11.17	3Coil_Towed_Array
974	49	TDSA5R-4	555215.25	4481234.10	0	0	0	0	0	0	7	7.33	3Coil_Towed_Array
975	50	TDSA5R-4	555214.60	4481235.75	0	0	0	0	0	0	7	7.52	3Coil_Towed_Array
976	51	TDSA5R-4	555212.85	4481236.05	0	0	0	0	0	0	7	10.63	3Coil_Towed_Array
977	52	TDSA5R-4	555214.35	4481237.25	0	0	0	0	0	0	7	9.93	3Coil_Towed_Array
978	53	TDSA5R-4	555213.87	4481238.97	0	0	0	0	0	0	7	8.50	3Coil_Towed_Array
979	54	TDSA5R-4	555211.65	4481239.55	0	0	0	0	0	0	7	24.29	3Coil_Towed_Array
980	55	TDSA5R-4	555213.45	4481239.95	0	0	0	0	0	0	7	5.02	3Coil_Towed_Array
981	56	TDSA5R-4	555211.20	4481241.15	0	0	0	0	0	0	7	6.56	3Coil_Towed_Array
982	57	TDSA5R-4	555213.15	4481241.45	0	0	0	0	0	0	7	4.71	3Coil_Towed_Array
983	58	TDSA5R-4	555212.85	4481242.95	0	0	0	0	0	0	7	5.50	3Coil_Towed_Array
984	59	TDSA5R-4	555210.60	4481244.30	0	0	0	0	0	0	7	5.34	3Coil_Towed_Array
985	60	TDSA5R-4	555212.25	4481244.90	0	0	0	0	0	0	7	7.70	3Coil_Towed_Array
986	61	TDSA5R-4	555211.50	4481247.45	0	0	0	0	0	0	7	5.78	3Coil_Towed_Array
987	62	TDSA5R-4	555209.40	4481248.20	0	0	0	0	0	0	7	5.54	3Coil_Towed_Array
988	63	TDSA5R-4	555211.05	4481249.10	0	0	0	0	0	0	7	5.15	3Coil_Towed_Array
989	64	TDSA5R-4	555209.00	4481254.80	0	0	0	0	0	0	7	5.49	3Coil_Towed_Array
990	65	TDSA5R-4	555206.70	4481256.90	0	0	0	0	0	0	7	8.31	3Coil_Towed_Array
991	66	TDSA5R-4	555207.75	4481259.30	0	0	0	0	0	0	1	261.34	3Coil_Towed_Array
992	67	TDSA5R-4	555204.60	4481262.75	0	0	0	0	0	0	7	5.34	3Coil_Towed_Array
993	68	TDSA5R-4	555206.55	4481262.90	0	0	0	0	0	0	7	5.58	3Coil_Towed_Array
994	69	TDSA5R-4	555204.30	4481269.60	0	0	0	0	0	0	7	5.89	3Coil_Towed_Array
995	70	TDSA5R-4	555202.20	4481277.15	0	0	0	0	0	0	7	4.23	3Coil_Towed_Array
996	71	TDSA5R-4	555201.45	4481279.85	0	0	0	0	0	0	7	7.11	3Coil_Towed_Array
997	72	TDSA5R-4	555199.03	4481293.26	0	0	0	0	0	0	7	4.65	3Coil_Towed_Array
998	1	TDSA5R-5	555341.86	4481091.73	0	0	0	0	0	0	7	4.89	3Coil_Towed_Array
999	2	TDSA5R-5	555339.90	4481093.10	0	0	0	0	0	0	7	4.17	3Coil_Towed_Array
1000	3	TDSA5R-5	555338.70	4481097.30	0	0	0	0	0	0	7	4.23	3Coil_Towed_Array
1001	4	TDSA5R-5	555336.31	4481100.62	0	0	0	0	0	0	7	5.12	3Coil_Towed_Array
1002	5	TDSA5R-5	555336.75	4481102.70	0	0	0	0	0	0	7	6.21	3Coil_Towed_Array
1003	6	TDSA5R-5	555335.40	4481103.75	0	0	0	0	0	0	7	4.17	3Coil_Towed_Array
1004	7	TDSA5R-5	555334.89	4481105.31	0	0	0	0	0	0	7	4.83	3Coil_Towed_Array
1005	8	TDSA5R-5	555335.71	4481106.23	0	0	0	0	0	0	7	4.49	3Coil_Towed_Array
1006	9	TDSA5R-5	555333.33	4481107.73	0	0	0	0	0	0	7	4.72	3Coil_Towed_Array
1007	10	TDSA5R-5	555335.24	4481108.33	0	0	0	0	0	0	7	5.02	3Coil_Towed_Array
1008	11	TDSA5R-5	555333.60	4481109.30	0	0	0	0	0	0	7	4.57	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1009	12	TDSA5R-5	555334.95	4481109.45	0	0	0	0	0	0	7	4.96	3Coil_Towed_Array
1010	13	TDSA5R-5	555334.35	4481110.95	0	0	0	0	0	0	7	4.91	3Coil_Towed_Array
1011	14	TDSA5R-5	555332.43	4481111.76	0	0	0	0	0	0	7	4.91	3Coil_Towed_Array
1012	15	TDSA5R-5	555334.20	4481111.85	0	0	0	0	0	0	7	5.53	3Coil_Towed_Array
1013	16	TDSA5R-5	555333.15	4481113.05	0	0	0	0	0	0	7	6.48	3Coil_Towed_Array
1014	17	TDSA5R-5	555333.90	4481113.95	0	0	0	0	0	0	7	4.53	3Coil_Towed_Array
1015	18	TDSA5R-5	555332.85	4481114.85	0	0	0	0	0	0	7	4.60	3Coil_Towed_Array
1016	19	TDSA5R-5	555331.55	4481117.20	0	0	0	0	0	0	7	5.94	3Coil_Towed_Array
1017	20	TDSA5R-5	555333.30	4481117.85	0	0	0	0	0	0	7	7.23	3Coil_Towed_Array
1018	21	TDSA5R-5	555331.95	4481119.20	0	0	0	0	0	0	7	6.98	3Coil_Towed_Array
1019	22	TDSA5R-5	555330.75	4481120.10	0	0	0	0	0	0	7	5.96	3Coil_Towed_Array
1020	23	TDSA5R-5	555332.45	4481120.65	0	0	0	0	0	0	7	8.38	3Coil_Towed_Array
1021	24	TDSA5R-5	555331.50	4481121.60	0	0	0	0	0	0	7	4.53	3Coil_Towed_Array
1022	25	TDSA5R-5	555332.40	4481122.35	0	0	0	0	0	0	7	5.32	3Coil_Towed_Array
1023	26	TDSA5R-5	555330.15	4481123.25	0	0	0	0	0	0	7	4.12	3Coil_Towed_Array
1024	27	TDSA5R-5	555331.95	4481123.25	0	0	0	0	0	0	7	6.00	3Coil_Towed_Array
1025	28	TDSA5R-5	555331.05	4481124.15	0	0	0	0	0	0	7	9.50	3Coil_Towed_Array
1026	29	TDSA5R-5	555330.60	4481125.95	0	0	0	0	0	0	7	6.78	3Coil_Towed_Array
1027	30	TDSA5R-5	555329.55	4481126.55	0	0	0	0	0	0	7	7.35	3Coil_Towed_Array
1028	31	TDSA5R-5	555331.20	4481127.30	0	0	0	0	0	0	7	6.08	3Coil_Towed_Array
1029	32	TDSA5R-5	555330.30	4481128.05	0	0	0	0	0	0	7	5.17	3Coil_Towed_Array
1030	33	TDSA5R-5	555330.00	4481129.40	0	0	0	0	0	0	7	13.65	3Coil_Towed_Array
1031	34	TDSA5R-5	555329.70	4481130.60	0	0	0	0	0	0	7	8.59	3Coil_Towed_Array
1032	35	TDSA5R-5	555328.50	4481131.95	0	0	0	0	0	0	7	13.02	3Coil_Towed_Array
1033	36	TDSA5R-5	555330.45	4481132.10	0	0	0	0	0	0	7	11.81	3Coil_Towed_Array
1034	37	TDSA5R-5	555328.18	4481133.36	0	0	0	0	0	0	7	6.75	3Coil_Towed_Array
1035	38	TDSA5R-5	555330.01	4481134.21	0	0	0	0	0	0	7	5.66	3Coil_Towed_Array
1036	39	TDSA5R-5	555327.75	4481134.95	0	0	0	0	0	0	7	9.59	3Coil_Towed_Array
1037	40	TDSA5R-5	555329.30	4481135.25	0	0	0	0	0	0	7	9.89	3Coil_Towed_Array
1038	41	TDSA5R-5	555327.70	4481136.45	0	0	0	0	0	0	7	9.50	3Coil_Towed_Array
1039	42	TDSA5R-5	555329.10	4481137.05	0	0	0	0	0	0	7	14.29	3Coil_Towed_Array
1040	43	TDSA5R-5	555326.75	4481138.10	0	0	0	0	0	0	7	13.23	3Coil_Towed_Array
1041	44	TDSA5R-5	555328.45	4481138.10	0	0	0	0	0	0	7	12.74	3Coil_Towed_Array
1042	45	TDSA5R-5	555328.20	4481139.15	0	0	0	0	0	0	7	10.25	3Coil_Towed_Array
1043	46	TDSA5R-5	555325.95	4481139.45	0	0	0	0	0	0	7	13.24	3Coil_Towed_Array
1044	47	TDSA5R-5	555327.15	4481140.75	0	0	0	0	0	0	7	13.50	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1045	48	TDSA5R-5	555324.90	4481140.80	0	0	0	0	0	0	7	20.12	3Coil_Towed_Array
1046	49	TDSA5R-5	555326.05	4481142.20	0	0	0	0	0	0	2	38.45	3Coil_Towed_Array
1047	50	TDSA5R-5	555322.80	4481160.15	0	0	0	0	0	0	7	8.11	3Coil_Towed_Array
1048	51	TDSA5R-5	555320.85	4481160.90	0	0	0	0	0	0	7	23.23	3Coil_Towed_Array
1049	52	TDSA5R-5	555322.95	4481161.35	0	0	0	0	0	0	7	16.47	3Coil_Towed_Array
1050	53	TDSA5R-5	555321.75	4481161.95	0	0	0	0	0	0	7	11.19	3Coil_Towed_Array
1051	54	TDSA5R-5	555323.25	4481162.40	0	0	0	0	0	0	7	11.80	3Coil_Towed_Array
1052	55	TDSA5R-5	555321.30	4481163.00	0	0	0	0	0	0	7	23.79	3Coil_Towed_Array
1053	56	TDSA5R-5	555323.30	4481163.51	0	0	0	0	0	0	7	9.07	3Coil_Towed_Array
1054	57	TDSA5R-5	555322.40	4481164.85	0	0	0	0	0	0	1	158.64	3Coil_Towed_Array
1055	58	TDSA5R-5	555321.00	4481166.45	0	0	0	0	0	0	7	14.11	3Coil_Towed_Array
1056	59	TDSA5R-5	555322.95	4481167.35	0	0	0	0	0	0	7	4.37	3Coil_Towed_Array
1057	60	TDSA5R-5	555321.75	4481168.10	0	0	0	0	0	0	7	11.19	3Coil_Towed_Array
1058	61	TDSA5R-5	555320.90	4481168.85	0	0	0	0	0	0	7	11.54	3Coil_Towed_Array
1059	62	TDSA5R-5	555322.65	4481168.85	0	0	0	0	0	0	7	5.71	3Coil_Towed_Array
1060	63	TDSA5R-5	555320.65	4481170.25	0	0	0	0	0	0	7	14.06	3Coil_Towed_Array
1061	64	TDSA5R-5	555321.75	4481170.80	0	0	0	0	0	0	7	10.84	3Coil_Towed_Array
1062	65	TDSA5R-5	555321.15	4481172.00	0	0	0	0	0	0	7	9.52	3Coil_Towed_Array
1063	66	TDSA5R-5	555320.10	4481172.90	0	0	0	0	0	0	7	17.74	3Coil_Towed_Array
1064	67	TDSA5R-5	555321.30	4481173.05	0	0	0	0	0	0	7	16.50	3Coil_Towed_Array
1065	68	TDSA5R-5	555320.55	4481173.95	0	0	0	0	0	0	7	10.44	3Coil_Towed_Array
1066	69	TDSA5R-5	555321.75	4481174.70	0	0	0	0	0	0	7	6.38	3Coil_Towed_Array
1067	70	TDSA5R-5	555319.65	4481175.00	0	0	0	0	0	0	7	7.71	3Coil_Towed_Array
1068	71	TDSA5R-5	555320.85	4481175.45	0	0	0	0	0	0	7	8.56	3Coil_Towed_Array
1069	72	TDSA5R-5	555319.65	4481176.65	0	0	0	0	0	0	7	17.05	3Coil_Towed_Array
1070	73	TDSA5R-5	555321.30	4481177.10	0	0	0	0	0	0	7	16.38	3Coil_Towed_Array
1071	74	TDSA5R-5	555319.20	4481177.70	0	0	0	0	0	0	7	16.20	3Coil_Towed_Array
1072	75	TDSA5R-5	555320.70	4481178.15	0	0	0	0	0	0	7	19.09	3Coil_Towed_Array
1073	76	TDSA5R-5	555318.90	4481178.90	0	0	0	0	0	0	7	6.27	3Coil_Towed_Array
1074	77	TDSA5R-5	555320.00	4481179.35	0	0	0	0	0	0	7	5.09	3Coil_Towed_Array
1075	78	TDSA5R-5	555320.55	4481180.55	0	0	0	0	0	0	7	9.55	3Coil_Towed_Array
1076	79	TDSA5R-5	555318.90	4481180.60	0	0	0	0	0	0	7	9.86	3Coil_Towed_Array
1077	80	TDSA5R-5	555319.65	4481181.75	0	0	0	0	0	0	7	9.18	3Coil_Towed_Array
1078	81	TDSA5R-5	555318.30	4481182.20	0	0	0	0	0	0	7	13.88	3Coil_Towed_Array
1079	82	TDSA5R-5	555319.35	4481183.10	0	0	0	0	0	0	7	10.55	3Coil_Towed_Array
1080	83	TDSA5R-5	555317.85	4481183.85	0	0	0	0	0	0	7	12.70	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1081	84	TDSA5R-5	555319.50	4481184.30	0	0	0	0	0	0	7	16.11	3Coil_Towed_Array
1082	85	TDSA5R-5	555319.50	4481185.65	0	0	0	0	0	0	7	8.31	3Coil_Towed_Array
1083	86	TDSA5R-5	555318.00	4481186.25	0	0	0	0	0	0	7	10.40	3Coil_Towed_Array
1084	87	TDSA5R-5	555319.20	4481186.85	0	0	0	0	0	0	7	18.74	3Coil_Towed_Array
1085	88	TDSA5R-5	555318.00	4481187.45	0	0	0	0	0	0	7	5.76	3Coil_Towed_Array
1086	89	TDSA5R-5	555316.80	4481188.05	0	0	0	0	0	0	7	9.85	3Coil_Towed_Array
1087	90	TDSA5R-5	555317.90	4481188.65	0	0	0	0	0	0	7	11.37	3Coil_Towed_Array
1088	91	TDSA5R-5	555317.55	4481189.70	0	0	0	0	0	0	7	6.93	3Coil_Towed_Array
1089	92	TDSA5R-5	555316.20	4481191.00	0	0	0	0	0	0	7	11.19	3Coil_Towed_Array
1090	93	TDSA5R-5	555318.15	4481191.20	0	0	0	0	0	0	7	11.69	3Coil_Towed_Array
1091	94	TDSA5R-5	555315.90	4481192.40	0	0	0	0	0	0	7	14.94	3Coil_Towed_Array
1092	95	TDSA5R-5	555317.10	4481192.70	0	0	0	0	0	0	7	11.55	3Coil_Towed_Array
1093	96	TDSA5R-5	555317.70	4481193.60	0	0	0	0	0	0	7	9.24	3Coil_Towed_Array
1094	97	TDSA5R-5	555316.50	4481194.65	0	0	0	0	0	0	7	5.41	3Coil_Towed_Array
1095	98	TDSA5R-5	555317.25	4481196.15	0	0	0	0	0	0	7	6.42	3Coil_Towed_Array
1096	99	TDSA5R-5	555315.60	4481196.30	0	0	0	0	0	0	7	7.00	3Coil_Towed_Array
1097	100	TDSA5R-5	555314.85	4481197.50	0	0	0	0	0	0	7	7.24	3Coil_Towed_Array
1098	101	TDSA5R-5	555316.60	4481197.95	0	0	0	0	0	0	7	8.48	3Coil_Towed_Array
1099	102	TDSA5R-5	555314.55	4481199.15	0	0	0	0	0	0	7	9.96	3Coil_Towed_Array
1100	103	TDSA5R-5	555316.35	4481200.20	0	0	0	0	0	0	7	7.86	3Coil_Towed_Array
1101	104	TDSA5R-5	555315.15	4481200.95	0	0	0	0	0	0	7	6.41	3Coil_Towed_Array
1102	105	TDSA5R-5	555313.95	4481202.15	0	0	0	0	0	0	7	6.74	3Coil_Towed_Array
1103	106	TDSA5R-5	555315.60	4481202.60	0	0	0	0	0	0	7	5.42	3Coil_Towed_Array
1104	107	TDSA5R-5	555313.95	4481203.63	0	0	0	0	0	0	7	4.94	3Coil_Towed_Array
1105	108	TDSA5R-5	555315.45	4481204.70	0	0	0	0	0	0	7	5.15	3Coil_Towed_Array
1106	109	TDSA5R-5	555313.35	4481205.15	0	0	0	0	0	0	7	5.90	3Coil_Towed_Array
1107	110	TDSA5R-5	555315.15	4481206.05	0	0	0	0	0	0	7	5.11	3Coil_Towed_Array
1108	111	TDSA5R-5	555312.75	4481207.55	0	0	0	0	0	0	7	21.45	3Coil_Towed_Array
1109	112	TDSA5R-5	555314.70	4481208.00	0	0	0	0	0	0	7	19.51	3Coil_Towed_Array
1110	113	TDSA5R-5	555314.16	4481209.69	0	0	0	0	0	0	7	4.58	3Coil_Towed_Array
1111	114	TDSA5R-5	555312.15	4481209.95	0	0	0	0	0	0	7	5.69	3Coil_Towed_Array
1112	115	TDSA5R-5	555312.90	4481211.45	0	0	0	0	0	0	7	4.28	3Coil_Towed_Array
1113	116	TDSA5R-5	555311.68	4481212.31	0	0	0	0	0	0	7	4.49	3Coil_Towed_Array
1114	117	TDSA5R-5	555313.65	4481212.65	0	0	0	0	0	0	7	4.12	3Coil_Towed_Array
1115	118	TDSA5R-5	555313.47	4481213.83	0	0	0	0	0	0	7	4.47	3Coil_Towed_Array
1116	119	TDSA5R-5	555311.13	4481214.63	0	0	0	0	0	0	7	5.00	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1117	120	TDSA5R-5	555310.80	4481215.65	0	0	0	0	0	0	7	6.48	3Coil_Towed_Array
1118	121	TDSA5R-5	555312.75	4481216.25	0	0	0	0	0	0	7	5.54	3Coil_Towed_Array
1119	122	TDSA5R-5	555311.25	4481217.45	0	0	0	0	0	0	7	7.90	3Coil_Towed_Array
1120	123	TDSA5R-5	555311.71	4481218.67	0	0	0	0	0	0	7	4.91	3Coil_Towed_Array
1121	124	TDSA5R-5	555310.35	4481219.10	0	0	0	0	0	0	7	5.44	3Coil_Towed_Array
1122	125	TDSA5R-5	555308.75	4481220.15	0	0	0	0	0	0	7	7.98	3Coil_Towed_Array
1123	126	TDSA5R-5	555308.85	4481222.25	0	0	0	0	0	0	7	5.99	3Coil_Towed_Array
1124	127	TDSA5R-5	555307.20	4481223.45	0	0	0	0	0	0	7	4.36	3Coil_Towed_Array
1125	128	TDSA5R-5	555308.80	4481224.20	0	0	0	0	0	0	7	6.16	3Coil_Towed_Array
1126	129	TDSA5R-5	555307.80	4481225.25	0	0	0	0	0	0	7	4.92	3Coil_Towed_Array
1127	130	TDSA5R-5	555307.35	4481228.10	0	0	0	0	0	0	7	6.54	3Coil_Towed_Array
1128	131	TDSA5R-5	555307.20	4481230.35	0	0	0	0	0	0	7	6.89	3Coil_Towed_Array
1129	132	TDSA5R-5	555306.45	4481234.25	0	0	0	0	0	0	7	10.78	3Coil_Towed_Array
1130	133	TDSA5R-5	555306.60	4481235.60	0	0	0	0	0	0	7	9.60	3Coil_Towed_Array
1131	134	TDSA5R-5	555305.40	4481236.80	0	0	0	0	0	0	7	5.21	3Coil_Towed_Array
1132	135	TDSA5R-5	555306.00	4481238.90	0	0	0	0	0	0	7	4.84	3Coil_Towed_Array
1133	136	TDSA5R-5	555305.05	4481240.35	0	0	0	0	0	0	7	4.68	3Coil_Towed_Array
1134	137	TDSA5R-5	555303.77	4481244.88	0	0	0	0	0	0	7	4.44	3Coil_Towed_Array
1135	138	TDSA5R-5	555305.76	4481245.11	0	0	0	0	0	0	7	4.50	3Coil_Towed_Array
1136	139	TDSA5R-5	555303.75	4481249.70	0	0	0	0	0	0	7	9.79	3Coil_Towed_Array
1137	140	TDSA5R-5	555302.10	4481252.40	0	0	0	0	0	0	7	8.61	3Coil_Towed_Array
1138	141	TDSA5R-5	555304.20	4481252.55	0	0	0	0	0	0	7	6.85	3Coil_Towed_Array
1139	142	TDSA5R-5	555302.85	4481253.60	0	0	0	0	0	0	7	6.27	3Coil_Towed_Array
1140	143	TDSA5R-5	555302.70	4481255.10	0	0	0	0	0	0	7	5.51	3Coil_Towed_Array
1141	144	TDSA5R-5	555303.45	4481256.00	0	0	0	0	0	0	7	4.37	3Coil_Towed_Array
1142	145	TDSA5R-5	555303.30	4481257.50	0	0	0	0	0	0	1	45.42	3Coil_Towed_Array
1143	146	TDSA5R-5	555301.35	4481262.30	0	0	0	0	0	0	7	5.80	3Coil_Towed_Array
1144	147	TDSA5R-5	555299.40	4481266.50	0	0	0	0	0	0	7	7.24	3Coil_Towed_Array
1145	148	TDSA5R-5	555301.35	4481266.95	0	0	0	0	0	0	7	7.04	3Coil_Towed_Array
1146	149	TDSA5R-5	555299.15	4481270.85	0	0	0	0	0	0	7	4.35	3Coil_Towed_Array
1147	150	TDSA5R-5	555300.45	4481271.45	0	0	0	0	0	0	7	4.22	3Coil_Towed_Array
1148	151	TDSA5R-5	555298.95	4481273.40	0	0	0	0	0	0	7	4.79	3Coil_Towed_Array
1149	152	TDSA5R-5	555297.75	4481274.60	0	0	0	0	0	0	7	4.94	3Coil_Towed_Array
1150	153	TDSA5R-5	555298.95	4481274.95	0	0	0	0	0	0	7	8.04	3Coil_Towed_Array
1151	154	TDSA5R-5	555298.35	4481277.15	0	0	0	0	0	0	7	6.05	3Coil_Towed_Array
1152	155	TDSA5R-5	555298.35	4481278.95	0	0	0	0	0	0	7	4.60	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1153	156	TDSA5R-5	555297.45	4481280.15	0	0	0	0	0	0	7	4.75	3Coil_Towed_Array
1154	1	TDSA5R-6	555508.05	4480764.30	0	0	0	0	0	0	3	53.18	3Coil_Towed_Array
1155	2	TDSA5R-6	555508.50	4480765.95	0	0	0	0	0	0	3	44.99	3Coil_Towed_Array
1156	3	TDSA5R-6	555506.40	4480768.35	0	0	0	0	0	0	3	184.64	3Coil_Towed_Array
1157	4	TDSA5R-6	555508.80	4480771.35	0	0	0	0	0	0	3	74.32	3Coil_Towed_Array
1158	5	TDSA5R-6	555506.70	4480771.80	0	0	0	0	0	0	3	141.54	3Coil_Towed_Array
1159	6	TDSA5R-6	555506.70	4480773.30	0	0	0	0	0	0	3	89.87	3Coil_Towed_Array
1160	7	TDSA5R-6	555506.25	4480775.55	0	0	0	0	0	0	3	91.75	3Coil_Towed_Array
1161	8	TDSA5R-6	555506.10	4480779.30	0	0	0	0	0	0	2	289.30	3Coil_Towed_Array
1162	9	TDSA5R-6	555503.43	4480783.68	0	0	0	0	0	0	7	20.61	3Coil_Towed_Array
1163	10	TDSA5R-6	555505.35	4480784.10	0	0	0	0	0	0	7	12.66	3Coil_Towed_Array
1164	11	TDSA5R-6	555503.25	4480785.45	0	0	0	0	0	0	7	16.25	3Coil_Towed_Array
1165	12	TDSA5R-6	555504.75	4480786.05	0	0	0	0	0	0	7	10.21	3Coil_Towed_Array
1166	13	TDSA5R-6	555503.60	4480787.05	0	0	0	0	0	0	7	13.26	3Coil_Towed_Array
1167	14	TDSA5R-6	555502.20	4480788.75	0	0	0	0	0	0	7	16.55	3Coil_Towed_Array
1168	15	TDSA5R-6	555503.85	4480789.20	0	0	0	0	0	0	7	18.50	3Coil_Towed_Array
1169	16	TDSA5R-6	555501.45	4480789.95	0	0	0	0	0	0	7	4.57	3Coil_Towed_Array
1170	17	TDSA5R-6	555503.40	4480790.40	0	0	0	0	0	0	7	8.02	3Coil_Towed_Array
1171	18	TDSA5R-6	555501.00	4480791.60	0	0	0	0	0	0	7	14.50	3Coil_Towed_Array
1172	19	TDSA5R-6	555502.95	4480792.20	0	0	0	0	0	0	7	13.40	3Coil_Towed_Array
1173	20	TDSA5R-6	555500.40	4480793.25	0	0	0	0	0	0	7	13.52	3Coil_Towed_Array
1174	21	TDSA5R-6	555502.35	4480793.85	0	0	0	0	0	0	7	8.69	3Coil_Towed_Array
1175	22	TDSA5R-6	555499.95	4480794.60	0	0	0	0	0	0	7	17.88	3Coil_Towed_Array
1176	23	TDSA5R-6	555501.90	4480795.05	0	0	0	0	0	0	7	18.91	3Coil_Towed_Array
1177	24	TDSA5R-6	555499.50	4480796.10	0	0	0	0	0	0	7	8.34	3Coil_Towed_Array
1178	25	TDSA5R-6	555500.90	4480796.25	0	0	0	0	0	0	7	13.52	3Coil_Towed_Array
1179	26	TDSA5R-6	555500.30	4480797.70	0	0	0	0	0	0	7	7.98	3Coil_Towed_Array
1180	27	TDSA5R-6	555499.05	4480798.35	0	0	0	0	0	0	7	19.44	3Coil_Towed_Array
1181	28	TDSA5R-6	555500.45	4480798.90	0	0	0	0	0	0	7	18.74	3Coil_Towed_Array
1182	29	TDSA5R-6	555499.50	4480800.00	0	0	0	0	0	0	7	5.65	3Coil_Towed_Array
1183	30	TDSA5R-6	555498.30	4480801.05	0	0	0	0	0	0	7	17.07	3Coil_Towed_Array
1184	31	TDSA5R-6	555500.10	4480801.80	0	0	0	0	0	0	7	18.01	3Coil_Towed_Array
1185	32	TDSA5R-6	555497.70	4480802.70	0	0	0	0	0	0	7	24.56	3Coil_Towed_Array
1186	33	TDSA5R-6	555499.65	4480803.30	0	0	0	0	0	0	7	27.03	3Coil_Towed_Array
1187	34	TDSA5R-6	555497.60	4480804.50	0	0	0	0	0	0	7	11.85	3Coil_Towed_Array
1188	35	TDSA5R-6	555498.80	4480804.95	0	0	0	0	0	0	7	13.13	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1189	36	TDSA5R-6	555497.70	4480806.60	0	0	0	0	0	0	7	17.69	3Coil_Towed_Array
1190	37	TDSA5R-6	555496.35	4480807.65	0	0	0	0	0	0	7	10.75	3Coil_Towed_Array
1191	38	TDSA5R-6	555498.30	4480808.10	0	0	0	0	0	0	7	14.80	3Coil_Towed_Array
1192	39	TDSA5R-6	555496.95	4480809.30	0	0	0	0	0	0	7	8.24	3Coil_Towed_Array
1193	40	TDSA5R-6	555497.40	4480810.65	0	0	0	0	0	0	7	5.21	3Coil_Towed_Array
1194	41	TDSA5R-6	555495.30	4480811.55	0	0	0	0	0	0	7	6.10	3Coil_Towed_Array
1195	42	TDSA5R-6	555497.40	4480811.85	0	0	0	0	0	0	7	8.83	3Coil_Towed_Array
1196	43	TDSA5R-6	555494.85	4480812.90	0	0	0	0	0	0	7	5.13	3Coil_Towed_Array
1197	44	TDSA5R-6	555496.95	4480813.50	0	0	0	0	0	0	7	7.21	3Coil_Towed_Array
1198	45	TDSA5R-6	555494.70	4480815.00	0	0	0	0	0	0	7	11.89	3Coil_Towed_Array
1199	46	TDSA5R-6	555496.35	4480815.45	0	0	0	0	0	0	7	13.68	3Coil_Towed_Array
1200	47	TDSA5R-6	555494.40	4480817.70	0	0	0	0	0	0	7	9.45	3Coil_Towed_Array
1201	48	TDSA5R-6	555495.60	4480818.00	0	0	0	0	0	0	7	11.89	3Coil_Towed_Array
1202	49	TDSA5R-6	555493.50	4480818.45	0	0	0	0	0	0	7	7.02	3Coil_Towed_Array
1203	50	TDSA5R-6	555495.15	4480819.95	0	0	0	0	0	0	7	4.38	3Coil_Towed_Array
1204	51	TDSA5R-6	555493.50	4480821.60	0	0	0	0	0	0	7	4.19	3Coil_Towed_Array
1205	52	TDSA5R-6	555492.90	4480823.25	0	0	0	0	0	0	7	5.75	3Coil_Towed_Array
1206	53	TDSA5R-6	555492.60	4480824.30	0	0	0	0	0	0	7	4.53	3Coil_Towed_Array
1207	54	TDSA5R-6	555491.85	4480825.80	0	0	0	0	0	0	7	4.69	3Coil_Towed_Array
1208	55	TDSA5R-6	555490.65	4480829.25	0	0	0	0	0	0	7	6.72	3Coil_Towed_Array
1209	56	TDSA5R-6	555490.20	4480831.05	0	0	0	0	0	0	7	8.21	3Coil_Towed_Array
1210	57	TDSA5R-6	555488.30	4480839.05	0	0	0	0	0	0	7	6.39	3Coil_Towed_Array
1211	58	TDSA5R-6	555488.60	4480840.40	0	0	0	0	0	0	7	9.40	3Coil_Towed_Array
1212	59	TDSA5R-6	555487.80	4480842.30	0	0	0	0	0	0	7	5.30	3Coil_Towed_Array
1213	60	TDSA5R-6	555486.45	4480848.60	0	0	0	0	0	0	7	4.93	3Coil_Towed_Array
1214	61	TDSA5R-6	555486.00	4480850.55	0	0	0	0	0	0	7	5.02	3Coil_Towed_Array
1215	62	TDSA5R-6	555483.44	4480859.34	0	0	0	0	0	0	7	8.11	3Coil_Towed_Array
1216	63	TDSA5R-6	555479.09	4480875.14	0	0	0	0	0	0	7	4.11	3Coil_Towed_Array
1217	64	TDSA5R-6	555477.57	4480880.25	0	0	0	0	0	0	7	5.90	3Coil_Towed_Array
1218	65	TDSA5R-6	555476.85	4480882.65	0	0	0	0	0	0	7	7.87	3Coil_Towed_Array
1219	66	TDSA5R-6	555473.97	4480889.22	0	0	0	0	0	0	7	4.13	3Coil_Towed_Array
1220	67	TDSA5R-6	555474.13	4480891.09	0	0	0	0	0	0	7	4.87	3Coil_Towed_Array
1221	68	TDSA5R-6	555469.65	4480909.80	0	0	0	0	0	0	7	9.73	3Coil_Towed_Array
1222	69	TDSA5R-6	555468.30	4480911.60	0	0	0	0	0	0	7	4.75	3Coil_Towed_Array
1223	70	TDSA5R-6	555465.90	4480926.30	0	0	0	0	0	0	7	5.35	3Coil_Towed_Array
1224	71	TDSA5R-6	555463.20	4480933.50	0	0	0	0	0	0	11	30.97	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1225	72	TDSA5R-6	555463.39	4480936.73	0	0	0	0	0	0	11	42.86	3Coil_Towed_Array
1226	73	TDSA5R-6	555463.65	4480939.95	0	0	0	0	0	0	11	31.96	3Coil_Towed_Array
1227	74	TDSA5R-6	555462.41	4480940.56	0	0	0	0	0	0	1	33.71	3Coil_Towed_Array
1228	75	TDSA5R-6	555460.95	4480942.35	0	0	0	0	0	0	11	57.13	3Coil_Towed_Array
1229	76	TDSA5R-6	555461.12	4480945.71	0	0	0	0	0	0	11	77.93	3Coil_Towed_Array
1230	77	TDSA5R-6	555461.40	4480948.80	0	0	0	0	0	0	11	63.38	3Coil_Towed_Array
1231	78	TDSA5R-6	555457.65	4480959.60	0	0	0	0	0	0	7	6.64	3Coil_Towed_Array
1232	79	TDSA5R-6	555457.05	4480962.75	0	0	0	0	0	0	7	6.47	3Coil_Towed_Array
1233	80	TDSA5R-6	555454.23	4480970.44	0	0	0	0	0	0	7	7.42	3Coil_Towed_Array
1234	81	TDSA5R-6	555450.26	4480982.11	0	0	0	0	0	0	7	4.84	3Coil_Towed_Array
1235	82	TDSA5R-6	555448.65	4480990.95	0	0	0	0	0	0	7	8.93	3Coil_Towed_Array
1236	83	TDSA5R-6	555443.38	4481007.93	0	0	0	0	0	0	7	7.98	3Coil_Towed_Array
1237	84	TDSA5R-6	555440.16	4481021.19	0	0	0	0	0	0	7	6.59	3Coil_Towed_Array
1238	85	TDSA5R-6	555440.25	4481025.30	0	0	0	0	0	0	7	4.80	3Coil_Towed_Array
1239	86	TDSA5R-6	555438.35	4481028.83	0	0	0	0	0	0	7	4.42	3Coil_Towed_Array
1240	87	TDSA5R-6	555434.30	4481052.20	0	0	0	0	0	0	7	4.52	3Coil_Towed_Array
1241	88	TDSA5R-6	555433.74	4481055.51	0	0	0	0	0	0	7	4.76	3Coil_Towed_Array
1242	89	TDSA5R-6	555433.65	4481056.65	0	0	0	0	0	0	7	4.06	3Coil_Towed_Array
1243	90	TDSA5R-6	555433.80	4481063.40	0	0	0	0	0	0	7	4.41	3Coil_Towed_Array
1244	91	TDSA5R-6	555432.75	4481064.15	0	0	0	0	0	0	7	4.14	3Coil_Towed_Array
1245	92	TDSA5R-6	555432.60	4481065.20	0	0	0	0	0	0	7	4.20	3Coil_Towed_Array
1246	93	TDSA5R-6	555432.40	4481066.33	0	0	0	0	0	0	7	4.08	3Coil_Towed_Array
1247	94	TDSA5R-6	555432.86	4481069.83	0	0	0	0	0	0	7	5.09	3Coil_Towed_Array
1248	95	TDSA5R-6	555432.75	4481070.90	0	0	0	0	0	0	7	4.38	3Coil_Towed_Array
1249	96	TDSA5R-6	555430.28	4481073.09	0	0	0	0	0	0	7	4.62	3Coil_Towed_Array
1250	97	TDSA5R-6	555432.00	4481073.45	0	0	0	0	0	0	7	6.99	3Coil_Towed_Array
1251	98	TDSA5R-6	555430.05	4481074.50	0	0	0	0	0	0	7	8.73	3Coil_Towed_Array
1252	99	TDSA5R-6	555432.00	4481075.10	0	0	0	0	0	0	7	6.61	3Coil_Towed_Array
1253	100	TDSA5R-6	555431.55	4481077.05	0	0	0	0	0	0	7	4.24	3Coil_Towed_Array
1254	101	TDSA5R-6	555429.00	4481079.15	0	0	0	0	0	0	7	4.20	3Coil_Towed_Array
1255	102	TDSA5R-6	555431.04	4481079.64	0	0	0	0	0	0	7	4.73	3Coil_Towed_Array
1256	103	TDSA5R-6	555428.85	4481080.05	0	0	0	0	0	0	7	4.52	3Coil_Towed_Array
1257	104	TDSA5R-6	555430.79	4481080.72	0	0	0	0	0	0	7	5.19	3Coil_Towed_Array
1258	105	TDSA5R-6	555428.55	4481081.40	0	0	0	0	0	0	7	5.96	3Coil_Towed_Array
1259	106	TDSA5R-6	555430.50	4481082.00	0	0	0	0	0	0	7	4.44	3Coil_Towed_Array
1260	107	TDSA5R-6	555428.40	4481082.60	0	0	0	0	0	0	7	4.54	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1261	108	TDSA5R-6	555430.20	4481083.50	0	0	0	0	0	0	7	4.47	3Coil_Towed_Array
1262	109	TDSA5R-6	555429.00	4481084.10	0	0	0	0	0	0	7	9.31	3Coil_Towed_Array
1263	110	TDSA5R-6	555427.65	4481085.60	0	0	0	0	0	0	7	4.07	3Coil_Towed_Array
1264	111	TDSA5R-6	555428.85	4481086.05	0	0	0	0	0	0	7	5.86	3Coil_Towed_Array
1265	112	TDSA5R-6	555429.00	4481088.90	0	0	0	0	0	0	7	5.02	3Coil_Towed_Array
1266	113	TDSA5R-6	555426.75	4481089.50	0	0	0	0	0	0	7	8.08	3Coil_Towed_Array
1267	114	TDSA5R-6	555428.70	4481089.95	0	0	0	0	0	0	7	6.29	3Coil_Towed_Array
1268	115	TDSA5R-6	555426.60	4481090.85	0	0	0	0	0	0	7	8.87	3Coil_Towed_Array
1269	116	TDSA5R-6	555428.20	4481092.05	0	0	0	0	0	0	7	7.47	3Coil_Towed_Array
1270	117	TDSA5R-6	555426.70	4481093.25	0	0	0	0	0	0	7	8.90	3Coil_Towed_Array
1271	118	TDSA5R-6	555427.95	4481093.70	0	0	0	0	0	0	7	7.42	3Coil_Towed_Array
1272	119	TDSA5R-6	555426.90	4481094.60	0	0	0	0	0	0	7	8.89	3Coil_Towed_Array
1273	120	TDSA5R-6	555426.60	4481095.65	0	0	0	0	0	0	7	11.40	3Coil_Towed_Array
1274	121	TDSA5R-6	555427.35	4481096.70	0	0	0	0	0	0	7	6.36	3Coil_Towed_Array
1275	122	TDSA5R-6	555426.00	4481097.30	0	0	0	0	0	0	7	9.83	3Coil_Towed_Array
1276	123	TDSA5R-6	555424.95	4481098.80	0	0	0	0	0	0	7	8.03	3Coil_Towed_Array
1277	124	TDSA5R-6	555426.75	4481100.30	0	0	0	0	0	0	7	6.82	3Coil_Towed_Array
1278	125	TDSA5R-6	555424.95	4481100.45	0	0	0	0	0	0	7	5.50	3Coil_Towed_Array
1279	126	TDSA5R-6	555425.40	4481102.40	0	0	0	0	0	0	7	10.53	3Coil_Towed_Array
1280	127	TDSA5R-6	555424.20	4481103.30	0	0	0	0	0	0	7	8.94	3Coil_Towed_Array
1281	128	TDSA5R-6	555426.15	4481103.75	0	0	0	0	0	0	7	9.98	3Coil_Towed_Array
1282	129	TDSA5R-6	555424.05	4481104.50	0	0	0	0	0	0	7	9.46	3Coil_Towed_Array
1283	130	TDSA5R-6	555425.25	4481104.65	0	0	0	0	0	0	7	12.36	3Coil_Towed_Array
1284	131	TDSA5R-6	555423.75	4481105.70	0	0	0	0	0	0	7	5.91	3Coil_Towed_Array
1285	132	TDSA5R-6	555425.10	4481106.00	0	0	0	0	0	0	7	11.39	3Coil_Towed_Array
1286	133	TDSA5R-6	555423.60	4481107.05	0	0	0	0	0	0	7	12.39	3Coil_Towed_Array
1287	134	TDSA5R-6	555425.15	4481107.50	0	0	0	0	0	0	7	7.90	3Coil_Towed_Array
1288	135	TDSA5R-6	555423.45	4481108.25	0	0	0	0	0	0	7	10.80	3Coil_Towed_Array
1289	136	TDSA5R-6	555425.40	4481108.70	0	0	0	0	0	0	7	7.91	3Coil_Towed_Array
1290	137	TDSA5R-6	555423.15	4481109.90	0	0	0	0	0	0	7	14.34	3Coil_Towed_Array
1291	138	TDSA5R-6	555425.25	4481109.90	0	0	0	0	0	0	7	7.69	3Coil_Towed_Array
1292	139	TDSA5R-6	555423.30	4481111.25	0	0	0	0	0	0	7	7.40	3Coil_Towed_Array
1293	140	TDSA5R-6	555424.95	4481111.25	0	0	0	0	0	0	7	9.64	3Coil_Towed_Array
1294	141	TDSA5R-6	555422.85	4481112.30	0	0	0	0	0	0	7	6.76	3Coil_Towed_Array
1295	142	TDSA5R-6	555424.35	4481112.90	0	0	0	0	0	0	7	7.70	3Coil_Towed_Array
1296	143	TDSA5R-6	555423.60	4481113.80	0	0	0	0	0	0	7	21.93	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1297	144	TDSA5R-6	555422.55	4481115.45	0	0	0	0	0	0	7	6.39	3Coil_Towed_Array
1298	145	TDSA5R-6	555424.00	4481116.05	0	0	0	0	0	0	7	7.85	3Coil_Towed_Array
1299	146	TDSA5R-6	555422.10	4481116.80	0	0	0	0	0	0	7	6.11	3Coil_Towed_Array
1300	147	TDSA5R-6	555423.80	4481116.95	0	0	0	0	0	0	7	8.72	3Coil_Towed_Array
1301	148	TDSA5R-6	555421.95	4481118.00	0	0	0	0	0	0	7	12.34	3Coil_Towed_Array
1302	149	TDSA5R-6	555423.90	4481118.30	0	0	0	0	0	0	7	14.92	3Coil_Towed_Array
1303	150	TDSA5R-6	555421.65	4481119.35	0	0	0	0	0	0	7	15.89	3Coil_Towed_Array
1304	151	TDSA5R-6	555423.60	4481119.65	0	0	0	0	0	0	7	15.59	3Coil_Towed_Array
1305	152	TDSA5R-6	555423.10	4481120.70	0	0	0	0	0	0	7	6.77	3Coil_Towed_Array
1306	153	TDSA5R-6	555421.35	4481121.00	0	0	0	0	0	0	7	8.86	3Coil_Towed_Array
1307	154	TDSA5R-6	555423.30	4481122.05	0	0	0	0	0	0	7	5.66	3Coil_Towed_Array
1308	155	TDSA5R-6	555422.10	4481122.35	0	0	0	0	0	0	7	12.29	3Coil_Towed_Array
1309	156	TDSA5R-6	555420.90	4481123.70	0	0	0	0	0	0	7	7.26	3Coil_Towed_Array
1310	157	TDSA5R-6	555422.85	4481123.85	0	0	0	0	0	0	7	8.10	3Coil_Towed_Array
1311	158	TDSA5R-6	555420.75	4481124.60	0	0	0	0	0	0	7	10.47	3Coil_Towed_Array
1312	159	TDSA5R-6	555422.70	4481124.90	0	0	0	0	0	0	7	10.14	3Coil_Towed_Array
1313	160	TDSA5R-6	555420.45	4481126.40	0	0	0	0	0	0	7	4.84	3Coil_Towed_Array
1314	161	TDSA5R-6	555422.40	4481126.55	0	0	0	0	0	0	7	5.49	3Coil_Towed_Array
1315	162	TDSA5R-6	555421.20	4481127.75	0	0	0	0	0	0	7	5.03	3Coil_Towed_Array
1316	163	TDSA5R-6	555420.15	4481128.50	0	0	0	0	0	0	7	5.89	3Coil_Towed_Array
1317	164	TDSA5R-6	555421.20	4481129.25	0	0	0	0	0	0	7	5.40	3Coil_Towed_Array
1318	165	TDSA5R-6	555419.70	4481130.90	0	0	0	0	0	0	7	4.58	3Coil_Towed_Array
1319	166	TDSA5R-6	555421.50	4481131.35	0	0	0	0	0	0	7	7.99	3Coil_Towed_Array
1320	167	TDSA5R-6	555419.40	4481132.25	0	0	0	0	0	0	7	6.86	3Coil_Towed_Array
1321	168	TDSA5R-6	555420.60	4481133.15	0	0	0	0	0	0	7	9.53	3Coil_Towed_Array
1322	169	TDSA5R-6	555418.95	4481134.65	0	0	0	0	0	0	7	7.42	3Coil_Towed_Array
1323	170	TDSA5R-6	555420.45	4481135.25	0	0	0	0	0	0	7	7.62	3Coil_Towed_Array
1324	171	TDSA5R-6	555419.55	4481136.75	0	0	0	0	0	0	7	6.50	3Coil_Towed_Array
1325	172	TDSA5R-6	555418.35	4481137.05	0	0	0	0	0	0	7	5.51	3Coil_Towed_Array
1326	173	TDSA5R-6	555419.45	4481137.95	0	0	0	0	0	0	7	19.45	3Coil_Towed_Array
1327	174	TDSA5R-6	555419.10	4481140.05	0	0	0	0	0	0	7	7.13	3Coil_Towed_Array
1328	175	TDSA5R-6	555418.65	4481141.10	0	0	0	0	0	0	7	5.63	3Coil_Towed_Array
1329	176	TDSA5R-6	555419.40	4481142.00	0	0	0	0	0	0	7	15.18	3Coil_Towed_Array
1330	177	TDSA5R-6	555417.45	4481142.15	0	0	0	0	0	0	7	6.34	3Coil_Towed_Array
1331	178	TDSA5R-6	555418.20	4481142.90	0	0	0	0	0	0	7	9.74	3Coil_Towed_Array
1332	179	TDSA5R-6	555418.05	4481144.25	0	0	0	0	0	0	7	17.76	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1333	180	TDSA5R-6	555418.45	4481146.05	0	0	0	0	0	0	7	14.40	3Coil_Towed_Array
1334	181	TDSA5R-6	555417.14	4481146.55	0	0	0	0	0	0	7	10.20	3Coil_Towed_Array
1335	182	TDSA5R-6	555418.35	4481147.40	0	0	0	0	0	0	7	4.33	3Coil_Towed_Array
1336	183	TDSA5R-6	555416.25	4481147.85	0	0	0	0	0	0	7	7.14	3Coil_Towed_Array
1337	184	TDSA5R-6	555416.10	4481148.75	0	0	0	0	0	0	7	6.72	3Coil_Towed_Array
1338	185	TDSA5R-6	555417.90	4481149.35	0	0	0	0	0	0	7	16.83	3Coil_Towed_Array
1339	186	TDSA5R-6	555415.65	4481150.70	0	0	0	0	0	0	7	10.41	3Coil_Towed_Array
1340	187	TDSA5R-6	555417.40	4481150.85	0	0	0	0	0	0	7	8.96	3Coil_Towed_Array
1341	188	TDSA5R-6	555415.95	4481152.20	0	0	0	0	0	0	7	7.70	3Coil_Towed_Array
1342	189	TDSA5R-6	555417.45	4481152.20	0	0	0	0	0	0	7	6.08	3Coil_Towed_Array
1343	190	TDSA5R-6	555415.20	4481152.95	0	0	0	0	0	0	7	10.88	3Coil_Towed_Array
1344	191	TDSA5R-6	555417.15	4481153.85	0	0	0	0	0	0	7	11.12	3Coil_Towed_Array
1345	192	TDSA5R-6	555415.05	4481154.00	0	0	0	0	0	0	7	4.94	3Coil_Towed_Array
1346	193	TDSA5R-6	555414.75	4481155.35	0	0	0	0	0	0	7	14.13	3Coil_Towed_Array
1347	194	TDSA5R-6	555416.70	4481155.65	0	0	0	0	0	0	7	13.62	3Coil_Towed_Array
1348	195	TDSA5R-6	555414.60	4481156.40	0	0	0	0	0	0	7	12.24	3Coil_Towed_Array
1349	196	TDSA5R-6	555416.55	4481157.00	0	0	0	0	0	0	7	12.80	3Coil_Towed_Array
1350	197	TDSA5R-6	555414.60	4481157.45	0	0	0	0	0	0	7	13.45	3Coil_Towed_Array
1351	198	TDSA5R-6	555416.25	4481158.05	0	0	0	0	0	0	7	6.36	3Coil_Towed_Array
1352	199	TDSA5R-6	555415.05	4481158.95	0	0	0	0	0	0	7	6.10	3Coil_Towed_Array
1353	200	TDSA5R-6	555413.85	4481159.70	0	0	0	0	0	0	7	8.27	3Coil_Towed_Array
1354	201	TDSA5R-6	555415.80	4481160.00	0	0	0	0	0	0	7	5.10	3Coil_Towed_Array
1355	202	TDSA5R-6	555414.60	4481160.75	0	0	0	0	0	0	7	4.83	3Coil_Towed_Array
1356	203	TDSA5R-6	555413.55	4481161.05	0	0	0	0	0	0	7	7.91	3Coil_Towed_Array
1357	204	TDSA5R-6	555415.50	4481161.65	0	0	0	0	0	0	7	5.84	3Coil_Towed_Array
1358	205	TDSA5R-6	555413.40	4481162.10	0	0	0	0	0	0	7	5.59	3Coil_Towed_Array
1359	206	TDSA5R-6	555415.20	4481163.00	0	0	0	0	0	0	7	7.88	3Coil_Towed_Array
1360	207	TDSA5R-6	555412.99	4481164.09	0	0	0	0	0	0	7	14.86	3Coil_Towed_Array
1361	208	TDSA5R-6	555415.05	4481164.35	0	0	0	0	0	0	7	11.51	3Coil_Towed_Array
1362	209	TDSA5R-6	555413.85	4481165.10	0	0	0	0	0	0	7	4.56	3Coil_Towed_Array
1363	210	TDSA5R-6	555412.62	4481165.86	0	0	0	0	0	0	7	7.90	3Coil_Towed_Array
1364	211	TDSA5R-6	555414.60	4481166.15	0	0	0	0	0	0	7	9.54	3Coil_Towed_Array
1365	212	TDSA5R-6	555413.10	4481166.90	0	0	0	0	0	0	7	5.43	3Coil_Towed_Array
1366	213	TDSA5R-6	555413.85	4481167.95	0	0	0	0	0	0	7	5.29	3Coil_Towed_Array
1367	214	TDSA5R-6	555412.05	4481168.70	0	0	0	0	0	0	7	5.70	3Coil_Towed_Array
1368	215	TDSA5R-6	555413.98	4481169.30	0	0	0	0	0	0	7	5.49	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1369	216	TDSA5R-6	555412.35	4481170.80	0	0	0	0	0	0	7	7.68	3Coil_Towed_Array
1370	217	TDSA5R-6	555413.55	4481171.55	0	0	0	0	0	0	7	9.85	3Coil_Towed_Array
1371	218	TDSA5R-6	555411.30	4481172.75	0	0	0	0	0	0	7	8.02	3Coil_Towed_Array
1372	219	TDSA5R-6	555413.25	4481172.90	0	0	0	0	0	0	7	8.62	3Coil_Towed_Array
1373	220	TDSA5R-6	555411.00	4481174.10	0	0	0	0	0	0	7	11.57	3Coil_Towed_Array
1374	221	TDSA5R-6	555411.90	4481175.45	0	0	0	0	0	0	7	6.18	3Coil_Towed_Array
1375	222	TDSA5R-6	555410.70	4481175.90	0	0	0	0	0	0	7	4.93	3Coil_Towed_Array
1376	223	TDSA5R-6	555412.65	4481176.35	0	0	0	0	0	0	7	4.95	3Coil_Towed_Array
1377	224	TDSA5R-6	555410.55	4481177.25	0	0	0	0	0	0	7	4.20	3Coil_Towed_Array
1378	225	TDSA5R-6	555412.50	4481177.40	0	0	0	0	0	0	7	4.64	3Coil_Towed_Array
1379	226	TDSA5R-6	555410.10	4481179.80	0	0	0	0	0	0	7	4.70	3Coil_Towed_Array
1380	227	TDSA5R-6	555411.64	4481180.61	0	0	0	0	0	0	7	4.57	3Coil_Towed_Array
1381	228	TDSA5R-6	555409.65	4481181.90	0	0	0	0	0	0	7	4.95	3Coil_Towed_Array
1382	229	TDSA5R-6	555411.00	4481182.35	0	0	0	0	0	0	7	5.47	3Coil_Towed_Array
1383	230	TDSA5R-6	555410.10	4481183.40	0	0	0	0	0	0	7	5.33	3Coil_Towed_Array
1384	231	TDSA5R-6	555411.30	4481183.85	0	0	0	0	0	0	7	4.96	3Coil_Towed_Array
1385	232	TDSA5R-6	555409.20	4481184.90	0	0	0	0	0	0	7	4.37	3Coil_Towed_Array
1386	233	TDSA5R-6	555411.00	4481185.65	0	0	0	0	0	0	7	6.28	3Coil_Towed_Array
1387	234	TDSA5R-6	555410.86	4481186.72	0	0	0	0	0	0	7	4.30	3Coil_Towed_Array
1388	235	TDSA5R-6	555408.45	4481188.35	0	0	0	0	0	0	7	4.01	3Coil_Towed_Array
1389	236	TDSA5R-6	555408.21	4481190.03	0	0	0	0	0	0	7	4.15	3Coil_Towed_Array
1390	237	TDSA5R-6	555410.10	4481190.60	0	0	0	0	0	0	7	4.37	3Coil_Towed_Array
1391	238	TDSA5R-6	555407.92	4481191.46	0	0	0	0	0	0	7	4.67	3Coil_Towed_Array
1392	239	TDSA5R-6	555409.95	4481191.65	0	0	0	0	0	0	7	6.24	3Coil_Towed_Array
1393	240	TDSA5R-6	555408.95	4481192.70	0	0	0	0	0	0	7	5.05	3Coil_Towed_Array
1394	241	TDSA5R-6	555409.20	4481194.95	0	0	0	0	0	0	7	6.24	3Coil_Towed_Array
1395	242	TDSA5R-6	555408.90	4481196.15	0	0	0	0	0	0	7	5.04	3Coil_Towed_Array
1396	243	TDSA5R-6	555407.70	4481197.50	0	0	0	0	0	0	7	4.72	3Coil_Towed_Array
1397	244	TDSA5R-6	555407.17	4481199.99	0	0	0	0	0	0	7	4.03	3Coil_Towed_Array
1398	245	TDSA5R-6	555405.75	4481201.55	0	0	0	0	0	0	7	4.26	3Coil_Towed_Array
1399	246	TDSA5R-6	555407.55	4481203.20	0	0	0	0	0	0	7	6.28	3Coil_Towed_Array
1400	247	TDSA5R-6	555405.15	4481204.55	0	0	0	0	0	0	7	8.22	3Coil_Towed_Array
1401	248	TDSA5R-6	555407.10	4481205.00	0	0	0	0	0	0	7	6.86	3Coil_Towed_Array
1402	249	TDSA5R-6	555406.76	4481206.99	0	0	0	0	0	0	7	4.42	3Coil_Towed_Array
1403	250	TDSA5R-6	555405.45	4481208.30	0	0	0	0	0	0	7	4.02	3Coil_Towed_Array
1404	251	TDSA5R-6	555404.25	4481219.10	0	0	0	0	0	0	1	32.96	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1405	1	TDSA5R-7	555602.40	4480834.20	0	0	0	0	0	0	3	630.22	3Coil_Towed_Array
1406	2	TDSA5R-7	555601.65	4480838.55	0	0	0	0	0	0	3	12154.64	3Coil_Towed_Array
1407	3	TDSA5R-7	555598.50	4480839.90	0	0	0	0	0	0	3	1392.82	3Coil_Towed_Array
1408	4	TDSA5R-7	555597.89	4480841.34	0	0	0	0	0	0	3	1040.31	3Coil_Towed_Array
1409	5	TDSA5R-7	555599.20	4480843.05	0	0	0	0	0	0	3	3476.37	3Coil_Towed_Array
1410	6	TDSA5R-7	555596.85	4480847.55	0	0	0	0	0	0	7	67.58	3Coil_Towed_Array
1411	7	TDSA5R-7	555595.35	4480849.50	0	0	0	0	0	0	7	9.02	3Coil_Towed_Array
1412	8	TDSA5R-7	555597.33	4480849.58	0	0	0	0	0	0	7	33.88	3Coil_Towed_Array
1413	9	TDSA5R-7	555595.05	4480850.55	0	0	0	0	0	0	7	28.87	3Coil_Towed_Array
1414	10	TDSA5R-7	555596.85	4480851.30	0	0	0	0	0	0	7	26.57	3Coil_Towed_Array
1415	11	TDSA5R-7	555595.80	4480851.90	0	0	0	0	0	0	7	12.13	3Coil_Towed_Array
1416	12	TDSA5R-7	555594.45	4480853.10	0	0	0	0	0	0	7	15.47	3Coil_Towed_Array
1417	13	TDSA5R-7	555596.25	4480853.55	0	0	0	0	0	0	7	17.16	3Coil_Towed_Array
1418	14	TDSA5R-7	555594.60	4480855.20	0	0	0	0	0	0	7	13.11	3Coil_Towed_Array
1419	15	TDSA5R-7	555594.05	4480856.25	0	0	0	0	0	0	7	15.59	3Coil_Towed_Array
1420	16	TDSA5R-7	555595.80	4480856.70	0	0	0	0	0	0	7	13.19	3Coil_Towed_Array
1421	17	TDSA5R-7	555594.46	4480857.78	0	0	0	0	0	0	7	4.87	3Coil_Towed_Array
1422	18	TDSA5R-7	555595.25	4480858.86	0	0	0	0	0	0	7	4.38	3Coil_Towed_Array
1423	19	TDSA5R-7	555593.35	4480859.55	0	0	0	0	0	0	7	10.00	3Coil_Towed_Array
1424	20	TDSA5R-7	555594.90	4480860.15	0	0	0	0	0	0	7	10.03	3Coil_Towed_Array
1425	21	TDSA5R-7	555592.66	4480860.94	0	0	0	0	0	0	7	4.53	3Coil_Towed_Array
1426	22	TDSA5R-7	555592.05	4480862.55	0	0	0	0	0	0	7	6.27	3Coil_Towed_Array
1427	23	TDSA5R-7	555593.10	4480863.50	0	0	0	0	0	0	7	11.84	3Coil_Towed_Array
1428	24	TDSA5R-7	555590.70	4480864.80	0	0	0	0	0	0	7	19.37	3Coil_Towed_Array
1429	25	TDSA5R-7	555591.90	4480866.45	0	0	0	0	0	0	7	29.22	3Coil_Towed_Array
1430	26	TDSA5R-7	555590.25	4480866.60	0	0	0	0	0	0	7	10.26	3Coil_Towed_Array
1431	27	TDSA5R-7	555580.80	4480896.15	0	0	0	0	0	0	1	7.97	3Coil_Towed_Array
1432	28	TDSA5R-7	555582.00	4480900.35	0	0	0	0	0	0	7	6.90	3Coil_Towed_Array
1433	29	TDSA5R-7	555579.75	4480910.10	0	0	0	0	0	0	7	4.35	3Coil_Towed_Array
1434	30	TDSA5R-7	555577.35	4480912.35	0	0	0	0	0	0	7	4.33	3Coil_Towed_Array
1435	31	TDSA5R-7	555574.45	4480915.20	0	0	0	0	0	0	7	4.25	3Coil_Towed_Array
1436	32	TDSA5R-7	555570.30	4480922.40	0	0	0	0	0	0	7	5.24	3Coil_Towed_Array
1437	33	TDSA5R-7	555569.85	4480924.50	0	0	0	0	0	0	7	6.07	3Coil_Towed_Array
1438	34	TDSA5R-7	555568.95	4480925.85	0	0	0	0	0	0	7	6.43	3Coil_Towed_Array
1439	35	TDSA5R-7	555566.70	4480927.95	0	0	0	0	0	0	7	5.63	3Coil_Towed_Array
1440	36	TDSA5R-7	555563.70	4480929.30	0	0	0	0	0	0	7	6.72	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1441	37	TDSA5R-7	555560.25	4480932.90	0	0	0	0	0	0	7	6.76	3Coil_Towed_Array
1442	38	TDSA5R-7	555561.75	4480934.10	0	0	0	0	0	0	7	7.61	3Coil_Towed_Array
1443	39	TDSA5R-7	555557.95	4480935.75	0	0	0	0	0	0	7	4.84	3Coil_Towed_Array
1444	40	TDSA5R-7	555554.40	4480942.95	0	0	0	0	0	0	7	4.42	3Coil_Towed_Array
1445	41	TDSA5R-7	555551.91	4480950.62	0	0	0	0	0	0	7	4.00	3Coil_Towed_Array
1446	42	TDSA5R-7	555547.35	4480966.80	0	0	0	0	0	0	7	5.05	3Coil_Towed_Array
1447	43	TDSA5R-7	555546.00	4480968.00	0	0	0	0	0	0	7	4.33	3Coil_Towed_Array
1448	44	TDSA5R-7	555547.30	4480968.45	0	0	0	0	0	0	7	5.37	3Coil_Towed_Array
1449	45	TDSA5R-7	555545.85	4480972.65	0	0	0	0	0	0	7	4.42	3Coil_Towed_Array
1450	46	TDSA5R-7	555544.05	4480978.50	0	0	0	0	0	0	7	5.14	3Coil_Towed_Array
1451	47	TDSA5R-7	555540.15	4480987.95	0	0	0	0	0	0	7	4.53	3Coil_Towed_Array
1452	48	TDSA5R-7	555541.80	4480988.30	0	0	0	0	0	0	7	5.68	3Coil_Towed_Array
1453	49	TDSA5R-7	555540.90	4480989.30	0	0	0	0	0	0	7	4.94	3Coil_Towed_Array
1454	50	TDSA5R-7	555540.45	4480990.80	0	0	0	0	0	0	7	4.78	3Coil_Towed_Array
1455	51	TDSA5R-7	555536.70	4481011.20	0	0	0	0	0	0	7	5.00	3Coil_Towed_Array
1456	52	TDSA5R-7	555535.50	4481012.25	0	0	0	0	0	0	7	4.33	3Coil_Towed_Array
1457	53	TDSA5R-7	555537.45	4481012.55	0	0	0	0	0	0	7	4.73	3Coil_Towed_Array
1458	54	TDSA5R-7	555536.70	4481016.45	0	0	0	0	0	0	7	5.15	3Coil_Towed_Array
1459	55	TDSA5R-7	555535.20	4481018.40	0	0	0	0	0	0	7	4.06	3Coil_Towed_Array
1460	56	TDSA5R-7	555533.11	4481022.95	0	0	0	0	0	0	7	4.06	3Coil_Towed_Array
1461	57	TDSA5R-7	555532.65	4481024.55	0	0	0	0	0	0	7	5.53	3Coil_Towed_Array
1462	58	TDSA5R-7	555533.07	4481027.63	0	0	0	0	0	0	7	5.04	3Coil_Towed_Array
1463	59	TDSA5R-7	555532.65	4481029.35	0	0	0	0	0	0	7	4.84	3Coil_Towed_Array
1464	60	TDSA5R-7	555533.25	4481031.00	0	0	0	0	0	0	7	4.08	3Coil_Towed_Array
1465	61	TDSA5R-7	555531.90	4481032.20	0	0	0	0	0	0	7	6.80	3Coil_Towed_Array
1466	62	TDSA5R-7	555530.55	4481033.55	0	0	0	0	0	0	7	5.06	3Coil_Towed_Array
1467	63	TDSA5R-7	555532.50	4481034.00	0	0	0	0	0	0	7	5.84	3Coil_Towed_Array
1468	64	TDSA5R-7	555531.57	4481036.83	0	0	0	0	0	0	7	4.11	3Coil_Towed_Array
1469	65	TDSA5R-7	555529.42	4481037.29	0	0	0	0	0	0	7	4.83	3Coil_Towed_Array
1470	66	TDSA5R-7	555529.05	4481038.80	0	0	0	0	0	0	7	5.34	3Coil_Towed_Array
1471	67	TDSA5R-7	555531.00	4481039.25	0	0	0	0	0	0	7	5.27	3Coil_Towed_Array
1472	68	TDSA5R-7	555529.80	4481040.15	0	0	0	0	0	0	7	6.42	3Coil_Towed_Array
1473	69	TDSA5R-7	555528.50	4481041.50	0	0	0	0	0	0	7	6.54	3Coil_Towed_Array
1474	70	TDSA5R-7	555530.25	4481042.10	0	0	0	0	0	0	7	7.33	3Coil_Towed_Array
1475	71	TDSA5R-7	555528.20	4481042.85	0	0	0	0	0	0	7	5.96	3Coil_Towed_Array
1476	72	TDSA5R-7	555528.75	4481044.20	0	0	0	0	0	0	7	6.75	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1477	73	TDSA5R-7	555527.40	4481045.25	0	0	0	0	0	0	7	4.69	3Coil_Towed_Array
1478	74	TDSA5R-7	555529.35	4481045.55	0	0	0	0	0	0	7	5.41	3Coil_Towed_Array
1479	75	TDSA5R-7	555527.85	4481047.65	0	0	0	0	0	0	7	7.49	3Coil_Towed_Array
1480	76	TDSA5R-7	555526.50	4481049.60	0	0	0	0	0	0	7	6.24	3Coil_Towed_Array
1481	77	TDSA5R-7	555528.00	4481050.45	0	0	0	0	0	0	7	7.80	3Coil_Towed_Array
1482	78	TDSA5R-7	555525.90	4481051.40	0	0	0	0	0	0	7	7.52	3Coil_Towed_Array
1483	79	TDSA5R-7	555527.85	4481051.85	0	0	0	0	0	0	7	10.89	3Coil_Towed_Array
1484	80	TDSA5R-7	555525.60	4481052.60	0	0	0	0	0	0	7	4.91	3Coil_Towed_Array
1485	81	TDSA5R-7	555527.55	4481053.20	0	0	0	0	0	0	7	6.46	3Coil_Towed_Array
1486	82	TDSA5R-7	555525.30	4481053.65	0	0	0	0	0	0	7	5.55	3Coil_Towed_Array
1487	83	TDSA5R-7	555527.10	4481054.25	0	0	0	0	0	0	7	6.63	3Coil_Towed_Array
1488	84	TDSA5R-7	555524.70	4481055.30	0	0	0	0	0	0	7	5.25	3Coil_Towed_Array
1489	85	TDSA5R-7	555526.10	4481055.80	0	0	0	0	0	0	7	8.32	3Coil_Towed_Array
1490	86	TDSA5R-7	555524.55	4481056.50	0	0	0	0	0	0	7	7.02	3Coil_Towed_Array
1491	87	TDSA5R-7	555524.10	4481058.45	0	0	0	0	0	0	7	5.87	3Coil_Towed_Array
1492	88	TDSA5R-7	555525.35	4481058.45	0	0	0	0	0	0	7	8.39	3Coil_Towed_Array
1493	89	TDSA5R-7	555524.40	4481059.50	0	0	0	0	0	0	7	7.82	3Coil_Towed_Array
1494	90	TDSA5R-7	555526.05	4481059.80	0	0	0	0	0	0	7	9.68	3Coil_Towed_Array
1495	91	TDSA5R-7	555523.80	4481060.70	0	0	0	0	0	0	7	12.30	3Coil_Towed_Array
1496	92	TDSA5R-7	555525.75	4481061.15	0	0	0	0	0	0	7	13.25	3Coil_Towed_Array
1497	93	TDSA5R-7	555525.30	4481063.10	0	0	0	0	0	0	7	5.32	3Coil_Towed_Array
1498	94	TDSA5R-7	555523.05	4481063.70	0	0	0	0	0	0	7	10.45	3Coil_Towed_Array
1499	95	TDSA5R-7	555525.00	4481064.15	0	0	0	0	0	0	7	11.43	3Coil_Towed_Array
1500	96	TDSA5R-7	555522.90	4481065.50	0	0	0	0	0	0	7	24.07	3Coil_Towed_Array
1501	97	TDSA5R-7	555524.85	4481065.80	0	0	0	0	0	0	7	20.58	3Coil_Towed_Array
1502	98	TDSA5R-7	555522.95	4481067.08	0	0	0	0	0	0	7	12.37	3Coil_Towed_Array
1503	99	TDSA5R-7	555524.70	4481067.30	0	0	0	0	0	0	7	10.28	3Coil_Towed_Array
1504	100	TDSA5R-7	555523.35	4481068.50	0	0	0	0	0	0	7	13.10	3Coil_Towed_Array
1505	101	TDSA5R-7	555522.30	4481069.55	0	0	0	0	0	0	7	15.74	3Coil_Towed_Array
1506	102	TDSA5R-7	555524.00	4481069.70	0	0	0	0	0	0	7	19.51	3Coil_Towed_Array
1507	103	TDSA5R-7	555522.15	4481070.75	0	0	0	0	0	0	7	21.76	3Coil_Towed_Array
1508	104	TDSA5R-7	555524.10	4481071.20	0	0	0	0	0	0	7	18.66	3Coil_Towed_Array
1509	105	TDSA5R-7	555522.00	4481072.25	0	0	0	0	0	0	7	21.18	3Coil_Towed_Array
1510	106	TDSA5R-7	555523.95	4481072.70	0	0	0	0	0	0	7	20.41	3Coil_Towed_Array
1511	107	TDSA5R-7	555521.70	4481073.60	0	0	0	0	0	0	7	14.17	3Coil_Towed_Array
1512	108	TDSA5R-7	555523.80	4481073.75	0	0	0	0	0	0	7	12.47	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1513	109	TDSA5R-7	555522.45	4481075.40	0	0	0	0	0	0	7	15.65	3Coil_Towed_Array
1514	110	TDSA5R-7	555521.25	4481076.45	0	0	0	0	0	0	7	29.70	3Coil_Towed_Array
1515	111	TDSA5R-7	555523.35	4481076.75	0	0	0	0	0	0	7	26.13	3Coil_Towed_Array
1516	112	TDSA5R-7	555521.10	4481077.65	0	0	0	0	0	0	7	28.72	3Coil_Towed_Array
1517	113	TDSA5R-7	555523.20	4481077.80	0	0	0	0	0	0	7	24.91	3Coil_Towed_Array
1518	114	TDSA5R-7	555521.94	4481079.04	0	0	0	0	0	0	7	19.32	3Coil_Towed_Array
1519	115	TDSA5R-7	555520.80	4481079.75	0	0	0	0	0	0	7	34.46	3Coil_Towed_Array
1520	116	TDSA5R-7	555522.90	4481080.05	0	0	0	0	0	0	7	29.92	3Coil_Towed_Array
1521	117	TDSA5R-7	555520.65	4481081.10	0	0	0	0	0	0	7	11.92	3Coil_Towed_Array
1522	118	TDSA5R-7	555522.60	4481081.25	0	0	0	0	0	0	7	13.47	3Coil_Towed_Array
1523	119	TDSA5R-7	555521.40	4481082.15	0	0	0	0	0	0	7	4.38	3Coil_Towed_Array
1524	120	TDSA5R-7	555520.20	4481083.20	0	0	0	0	0	0	7	19.73	3Coil_Towed_Array
1525	121	TDSA5R-7	555522.00	4481083.80	0	0	0	0	0	0	7	15.00	3Coil_Towed_Array
1526	122	TDSA5R-7	555520.80	4481084.55	0	0	0	0	0	0	7	9.87	3Coil_Towed_Array
1527	123	TDSA5R-7	555520.60	4481085.90	0	0	0	0	0	0	7	15.11	3Coil_Towed_Array
1528	124	TDSA5R-7	555519.50	4481086.80	0	0	0	0	0	0	7	20.55	3Coil_Towed_Array
1529	125	TDSA5R-7	555521.10	4481087.40	0	0	0	0	0	0	7	17.37	3Coil_Towed_Array
1530	126	TDSA5R-7	555518.85	4481087.85	0	0	0	0	0	0	7	18.10	3Coil_Towed_Array
1531	127	TDSA5R-7	555520.05	4481088.30	0	0	0	0	0	0	7	17.53	3Coil_Towed_Array
1532	128	TDSA5R-7	555518.40	4481089.50	0	0	0	0	0	0	7	11.93	3Coil_Towed_Array
1533	129	TDSA5R-7	555519.45	4481090.10	0	0	0	0	0	0	7	16.48	3Coil_Towed_Array
1534	130	TDSA5R-7	555518.10	4481091.00	0	0	0	0	0	0	7	23.69	3Coil_Towed_Array
1535	131	TDSA5R-7	555519.60	4481091.90	0	0	0	0	0	0	7	17.71	3Coil_Towed_Array
1536	132	TDSA5R-7	555517.35	4481092.50	0	0	0	0	0	0	7	19.22	3Coil_Towed_Array
1537	133	TDSA5R-7	555519.30	4481092.95	0	0	0	0	0	0	7	22.75	3Coil_Towed_Array
1538	134	TDSA5R-7	555516.65	4481094.60	0	0	0	0	0	0	7	6.34	3Coil_Towed_Array
1539	135	TDSA5R-7	555518.81	4481094.64	0	0	0	0	0	0	7	4.35	3Coil_Towed_Array
1540	136	TDSA5R-7	555517.50	4481095.65	0	0	0	0	0	0	7	17.54	3Coil_Towed_Array
1541	137	TDSA5R-7	555516.00	4481097.00	0	0	0	0	0	0	7	11.39	3Coil_Towed_Array
1542	138	TDSA5R-7	555517.80	4481097.00	0	0	0	0	0	0	7	7.26	3Coil_Towed_Array
1543	139	TDSA5R-7	555516.60	4481098.20	0	0	0	0	0	0	7	24.01	3Coil_Towed_Array
1544	140	TDSA5R-7	555515.55	4481099.40	0	0	0	0	0	0	7	17.32	3Coil_Towed_Array
1545	141	TDSA5R-7	555517.05	4481100.00	0	0	0	0	0	0	7	13.76	3Coil_Towed_Array
1546	142	TDSA5R-7	555514.80	4481100.75	0	0	0	0	0	0	7	17.16	3Coil_Towed_Array
1547	143	TDSA5R-7	555516.35	4481101.35	0	0	0	0	0	0	7	16.68	3Coil_Towed_Array
1548	144	TDSA5R-7	555514.05	4481103.00	0	0	0	0	0	0	7	6.96	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1549	145	TDSA5R-7	555516.00	4481103.30	0	0	0	0	0	0	7	11.29	3Coil_Towed_Array
1550	146	TDSA5R-7	555513.60	4481104.50	0	0	0	0	0	0	7	16.39	3Coil_Towed_Array
1551	147	TDSA5R-7	555515.20	4481104.80	0	0	0	0	0	0	7	14.92	3Coil_Towed_Array
1552	148	TDSA5R-7	555513.30	4481106.15	0	0	0	0	0	0	7	21.41	3Coil_Towed_Array
1553	149	TDSA5R-7	555515.10	4481106.60	0	0	0	0	0	0	7	14.93	3Coil_Towed_Array
1554	150	TDSA5R-7	555513.05	4481107.65	0	0	0	0	0	0	7	18.60	3Coil_Towed_Array
1555	151	TDSA5R-7	555514.80	4481108.25	0	0	0	0	0	0	7	16.00	3Coil_Towed_Array
1556	152	TDSA5R-7	555513.00	4481109.00	0	0	0	0	0	0	7	11.76	3Coil_Towed_Array
1557	153	TDSA5R-7	555514.35	4481110.05	0	0	0	0	0	0	7	16.16	3Coil_Towed_Array
1558	154	TDSA5R-7	555513.00	4481110.50	0	0	0	0	0	0	7	15.87	3Coil_Towed_Array
1559	155	TDSA5R-7	555512.10	4481111.55	0	0	0	0	0	0	7	12.28	3Coil_Towed_Array
1560	156	TDSA5R-7	555514.05	4481111.85	0	0	0	0	0	0	7	19.40	3Coil_Towed_Array
1561	157	TDSA5R-7	555511.80	4481112.75	0	0	0	0	0	0	7	18.79	3Coil_Towed_Array
1562	158	TDSA5R-7	555513.75	4481113.05	0	0	0	0	0	0	7	17.53	3Coil_Towed_Array
1563	159	TDSA5R-7	555511.80	4481113.65	0	0	0	0	0	0	7	16.43	3Coil_Towed_Array
1564	160	TDSA5R-7	555513.60	4481114.10	0	0	0	0	0	0	7	13.14	3Coil_Towed_Array
1565	161	TDSA5R-7	555511.65	4481114.85	0	0	0	0	0	0	7	15.16	3Coil_Towed_Array
1566	162	TDSA5R-7	555513.30	4481115.30	0	0	0	0	0	0	7	17.01	3Coil_Towed_Array
1567	163	TDSA5R-7	555512.02	4481116.61	0	0	0	0	0	0	7	6.80	3Coil_Towed_Array
1568	164	TDSA5R-7	555510.90	4481117.25	0	0	0	0	0	0	7	12.73	3Coil_Towed_Array
1569	165	TDSA5R-7	555512.85	4481117.85	0	0	0	0	0	0	7	19.61	3Coil_Towed_Array
1570	166	TDSA5R-7	555510.60	4481118.90	0	0	0	0	0	0	7	4.33	3Coil_Towed_Array
1571	167	TDSA5R-7	555510.30	4481120.10	0	0	0	0	0	0	7	20.49	3Coil_Towed_Array
1572	168	TDSA5R-7	555512.00	4481120.10	0	0	0	0	0	0	7	20.43	3Coil_Towed_Array
1573	169	TDSA5R-7	555511.20	4481121.30	0	0	0	0	0	0	7	29.29	3Coil_Towed_Array
1574	170	TDSA5R-7	555510.00	4481122.50	0	0	0	0	0	0	7	19.26	3Coil_Towed_Array
1575	171	TDSA5R-7	555511.20	4481122.95	0	0	0	0	0	0	7	20.53	3Coil_Towed_Array
1576	172	TDSA5R-7	555509.70	4481124.00	0	0	0	0	0	0	7	33.92	3Coil_Towed_Array
1577	173	TDSA5R-7	555511.65	4481124.30	0	0	0	0	0	0	7	30.45	3Coil_Towed_Array
1578	174	TDSA5R-7	555509.85	4481125.85	0	0	0	0	0	0	7	15.40	3Coil_Towed_Array
1579	175	TDSA5R-7	555511.35	4481126.10	0	0	0	0	0	0	7	10.88	3Coil_Towed_Array
1580	176	TDSA5R-7	555509.10	4481127.45	0	0	0	0	0	0	7	23.55	3Coil_Towed_Array
1581	177	TDSA5R-7	555511.05	4481128.05	0	0	0	0	0	0	7	28.56	3Coil_Towed_Array
1582	178	TDSA5R-7	555509.30	4481129.20	0	0	0	0	0	0	7	20.86	3Coil_Towed_Array
1583	179	TDSA5R-7	555510.90	4481129.70	0	0	0	0	0	0	7	25.73	3Coil_Towed_Array
1584	180	TDSA5R-7	555508.50	4481130.75	0	0	0	0	0	0	7	15.27	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1585	181	TDSA5R-7	555510.45	4481131.05	0	0	0	0	0	0	7	14.49	3Coil_Towed_Array
1586	182	TDSA5R-7	555509.22	4481132.01	0	0	0	0	0	0	7	4.71	3Coil_Towed_Array
1587	183	TDSA5R-7	555507.90	4481133.60	0	0	0	0	0	0	7	27.08	3Coil_Towed_Array
1588	184	TDSA5R-7	555509.85	4481133.90	0	0	0	0	0	0	7	19.86	3Coil_Towed_Array
1589	185	TDSA5R-7	555507.45	4481135.25	0	0	0	0	0	0	7	7.01	3Coil_Towed_Array
1590	186	TDSA5R-7	555508.55	4481135.70	0	0	0	0	0	0	7	10.34	3Coil_Towed_Array
1591	187	TDSA5R-7	555507.30	4481136.45	0	0	0	0	0	0	7	11.10	3Coil_Towed_Array
1592	188	TDSA5R-7	555509.10	4481136.75	0	0	0	0	0	0	7	13.84	3Coil_Towed_Array
1593	189	TDSA5R-7	555506.85	4481138.10	0	0	0	0	0	0	7	11.37	3Coil_Towed_Array
1594	190	TDSA5R-7	555508.50	4481138.55	0	0	0	0	0	0	7	10.27	3Coil_Towed_Array
1595	191	TDSA5R-7	555506.40	4481140.05	0	0	0	0	0	0	7	8.54	3Coil_Towed_Array
1596	192	TDSA5R-7	555507.90	4481140.50	0	0	0	0	0	0	7	11.07	3Coil_Towed_Array
1597	193	TDSA5R-7	555505.65	4481141.10	0	0	0	0	0	0	7	9.87	3Coil_Towed_Array
1598	194	TDSA5R-7	555506.95	4481141.40	0	0	0	0	0	0	7	12.63	3Coil_Towed_Array
1599	195	TDSA5R-7	555507.11	4481142.81	0	0	0	0	0	0	7	5.74	3Coil_Towed_Array
1600	196	TDSA5R-7	555504.90	4481143.35	0	0	0	0	0	0	7	7.98	3Coil_Towed_Array
1601	197	TDSA5R-7	555505.95	4481144.25	0	0	0	0	0	0	7	7.47	3Coil_Towed_Array
1602	198	TDSA5R-7	555505.20	4481145.30	0	0	0	0	0	0	7	6.10	3Coil_Towed_Array
1603	199	TDSA5R-7	555503.85	4481146.35	0	0	0	0	0	0	7	9.59	3Coil_Towed_Array
1604	200	TDSA5R-7	555505.10	4481146.65	0	0	0	0	0	0	7	8.51	3Coil_Towed_Array
1605	201	TDSA5R-7	555503.55	4481147.40	0	0	0	0	0	0	7	8.57	3Coil_Towed_Array
1606	202	TDSA5R-7	555505.50	4481148.15	0	0	0	0	0	0	7	7.87	3Coil_Towed_Array
1607	203	TDSA5R-7	555503.85	4481149.65	0	0	0	0	0	0	7	10.82	3Coil_Towed_Array
1608	204	TDSA5R-7	555504.52	4481150.79	0	0	0	0	0	0	7	5.24	3Coil_Towed_Array
1609	205	TDSA5R-7	555502.20	4481151.30	0	0	0	0	0	0	7	9.12	3Coil_Towed_Array
1610	206	TDSA5R-7	555504.30	4481152.20	0	0	0	0	0	0	7	7.48	3Coil_Towed_Array
1611	207	TDSA5R-7	555501.45	4481153.85	0	0	0	0	0	0	7	7.29	3Coil_Towed_Array
1612	208	TDSA5R-7	555503.40	4481154.60	0	0	0	0	0	0	7	9.26	3Coil_Towed_Array
1613	209	TDSA5R-7	555501.15	4481154.90	0	0	0	0	0	0	7	5.07	3Coil_Towed_Array
1614	210	TDSA5R-7	555502.65	4481155.65	0	0	0	0	0	0	7	6.04	3Coil_Towed_Array
1615	211	TDSA5R-7	555501.60	4481156.85	0	0	0	0	0	0	7	9.64	3Coil_Towed_Array
1616	212	TDSA5R-7	555500.10	4481158.65	0	0	0	0	0	0	7	6.62	3Coil_Towed_Array
1617	213	TDSA5R-7	555502.20	4481158.65	0	0	0	0	0	0	7	4.59	3Coil_Towed_Array
1618	214	TDSA5R-7	555500.95	4481160.15	0	0	0	0	0	0	7	5.54	3Coil_Towed_Array
1619	215	TDSA5R-7	555499.20	4481161.80	0	0	0	0	0	0	7	4.59	3Coil_Towed_Array
1620	216	TDSA5R-7	555501.30	4481162.25	0	0	0	0	0	0	7	5.35	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1621	217	TDSA5R-7	555499.95	4481163.45	0	0	0	0	0	0	7	6.18	3Coil_Towed_Array
1622	218	TDSA5R-7	555498.15	4481166.00	0	0	0	0	0	0	7	6.22	3Coil_Towed_Array
1623	219	TDSA5R-7	555497.70	4481168.55	0	0	0	0	0	0	7	6.85	3Coil_Towed_Array
1624	220	TDSA5R-7	555497.55	4481169.90	0	0	0	0	0	0	7	4.64	3Coil_Towed_Array
1625	221	TDSA5R-7	555497.70	4481170.80	0	0	0	0	0	0	7	5.49	3Coil_Towed_Array
1626	222	TDSA5R-7	555496.20	4481172.00	0	0	0	0	0	0	7	4.11	3Coil_Towed_Array
1627	223	TDSA5R-7	555498.15	4481172.60	0	0	0	0	0	0	7	4.86	3Coil_Towed_Array
1628	224	TDSA5R-7	555495.30	4481174.85	0	0	0	0	0	0	7	5.25	3Coil_Towed_Array
1629	225	TDSA5R-7	555497.00	4481175.45	0	0	0	0	0	0	7	4.68	3Coil_Towed_Array
1630	226	TDSA5R-7	555496.15	4481178.00	0	0	0	0	0	0	7	4.61	3Coil_Towed_Array
1631	227	TDSA5R-7	555494.97	4481179.48	0	0	0	0	0	0	7	4.75	3Coil_Towed_Array
1632	228	TDSA5R-7	555493.70	4481180.85	0	0	0	0	0	0	7	4.86	3Coil_Towed_Array
1633	229	TDSA5R-7	555493.05	4481182.35	0	0	0	0	0	0	7	7.18	3Coil_Towed_Array
1634	230	TDSA5R-7	555494.20	4481182.95	0	0	0	0	0	0	7	9.11	3Coil_Towed_Array
1635	231	TDSA5R-7	555493.35	4481184.60	0	0	0	0	0	0	7	6.03	3Coil_Towed_Array
1636	232	TDSA5R-7	555491.85	4481186.10	0	0	0	0	0	0	7	4.13	3Coil_Towed_Array
1637	233	TDSA5R-7	555490.87	4481189.67	0	0	0	0	0	0	7	4.60	3Coil_Towed_Array
1638	234	TDSA5R-7	555491.25	4481191.65	0	0	0	0	0	0	7	4.08	3Coil_Towed_Array
1639	235	TDSA5R-7	555489.90	4481193.00	0	0	0	0	0	0	7	5.02	3Coil_Towed_Array
1640	236	TDSA5R-7	555486.30	4481203.95	0	0	0	0	0	0	7	4.90	3Coil_Towed_Array
1641	237	TDSA5R-7	555484.99	4481210.57	0	0	0	0	0	0	7	4.23	3Coil_Towed_Array
1642	238	TDSA5R-7	555485.27	4481212.83	0	0	0	0	0	0	7	4.31	3Coil_Towed_Array
1643	1	TSDA5R-8	555702.60	4480878.90	0	0	0	0	0	0	1	11.29	3Coil_Towed_Array
1644	2	TSDA5R-8	555697.80	4480882.50	0	0	0	0	0	0	1	9.22	3Coil_Towed_Array
1645	3	TSDA5R-8	555699.15	4480884.15	0	0	0	0	0	0	7	4.75	3Coil_Towed_Array
1646	4	TSDA5R-8	555695.70	4480889.70	0	0	0	0	0	0	1	78.28	3Coil_Towed_Array
1647	5	TSDA5R-8	555693.00	4480898.25	0	0	0	0	0	0	3	1982.87	3Coil_Towed_Array
1648	6	TSDA5R-8	555691.35	4480902.30	0	0	0	0	0	0	3	1837.43	3Coil_Towed_Array
1649	7	TSDA5R-8	555688.95	4480907.55	0	0	0	0	0	0	3	629.70	3Coil_Towed_Array
1650	8	TSDA5R-8	555687.90	4480912.65	0	0	0	0	0	0	2	119.35	3Coil_Towed_Array
1651	9	TSDA5R-8	555685.35	4480914.30	0	0	0	0	0	0	3	66.67	3Coil_Towed_Array
1652	10	TSDA5R-8	555687.00	4480916.10	0	0	0	0	0	0	3	69.09	3Coil_Towed_Array
1653	11	TSDA5R-8	555684.75	4480917.30	0	0	0	0	0	0	7	4.01	3Coil_Towed_Array
1654	12	TSDA5R-8	555685.85	4480920.32	0	0	0	0	0	0	7	4.48	3Coil_Towed_Array
1655	13	TSDA5R-8	555683.62	4480921.63	0	0	0	0	0	0	7	8.75	3Coil_Towed_Array
1656	14	TSDA5R-8	555684.45	4480923.15	0	0	0	0	0	0	1	183.67	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1657	15	TSDA5R-8	555684.45	4480924.20	0	0	0	0	0	0	1	91.16	3Coil_Towed_Array
1658	16	TSDA5R-8	555683.48	4480925.52	0	0	0	0	0	0	7	7.47	3Coil_Towed_Array
1659	17	TSDA5R-8	555685.15	4480926.60	0	0	0	0	0	0	7	9.03	3Coil_Towed_Array
1660	18	TSDA5R-8	555683.10	4480929.00	0	0	0	0	0	0	7	7.38	3Coil_Towed_Array
1661	19	TSDA5R-8	555684.80	4480929.00	0	0	0	0	0	0	7	15.13	3Coil_Towed_Array
1662	20	TSDA5R-8	555682.95	4480931.40	0	0	0	0	0	0	7	9.77	3Coil_Towed_Array
1663	21	TSDA5R-8	555685.05	4480931.70	0	0	0	0	0	0	7	16.43	3Coil_Towed_Array
1664	22	TSDA5R-8	555683.85	4480932.45	0	0	0	0	0	0	7	6.45	3Coil_Towed_Array
1665	23	TSDA5R-8	555682.50	4480933.95	0	0	0	0	0	0	7	7.23	3Coil_Towed_Array
1666	24	TSDA5R-8	555684.45	4480934.40	0	0	0	0	0	0	7	5.60	3Coil_Towed_Array
1667	25	TSDA5R-8	555683.25	4480936.05	0	0	0	0	0	0	7	12.87	3Coil_Towed_Array
1668	26	TSDA5R-8	555682.80	4480937.55	0	0	0	0	0	0	7	13.19	3Coil_Towed_Array
1669	27	TSDA5R-8	555683.55	4480939.05	0	0	0	0	0	0	7	11.60	3Coil_Towed_Array
1670	28	TSDA5R-8	555681.00	4480940.40	0	0	0	0	0	0	7	4.49	3Coil_Towed_Array
1671	29	TSDA5R-8	555683.10	4480940.70	0	0	0	0	0	0	7	16.33	3Coil_Towed_Array
1672	30	TSDA5R-8	555680.20	4480944.15	0	0	0	0	0	0	7	5.58	3Coil_Towed_Array
1673	31	TSDA5R-8	555681.75	4480945.20	0	0	0	0	0	0	7	10.24	3Coil_Towed_Array
1674	32	TSDA5R-8	555679.50	4480945.80	0	0	0	0	0	0	7	15.09	3Coil_Towed_Array
1675	33	TSDA5R-8	555681.30	4480946.70	0	0	0	0	0	0	7	11.22	3Coil_Towed_Array
1676	34	TSDA5R-8	555680.85	4480948.20	0	0	0	0	0	0	7	6.77	3Coil_Towed_Array
1677	35	TSDA5R-8	555678.60	4480948.50	0	0	0	0	0	0	7	4.72	3Coil_Towed_Array
1678	36	TSDA5R-8	555680.40	4480949.40	0	0	0	0	0	0	7	7.80	3Coil_Towed_Array
1679	37	TSDA5R-8	555678.00	4480950.30	0	0	0	0	0	0	7	7.86	3Coil_Towed_Array
1680	38	TSDA5R-8	555677.70	4480951.65	0	0	0	0	0	0	7	11.14	3Coil_Towed_Array
1681	39	TSDA5R-8	555679.65	4480951.80	0	0	0	0	0	0	7	10.13	3Coil_Towed_Array
1682	40	TSDA5R-8	555676.80	4480954.20	0	0	0	0	0	0	7	9.36	3Coil_Towed_Array
1683	41	TSDA5R-8	555678.75	4480954.95	0	0	0	0	0	0	7	7.26	3Coil_Towed_Array
1684	42	TSDA5R-8	555677.00	4480955.70	0	0	0	0	0	0	7	9.21	3Coil_Towed_Array
1685	43	TSDA5R-8	555678.30	4480956.15	0	0	0	0	0	0	7	9.22	3Coil_Towed_Array
1686	44	TSDA5R-8	555676.10	4480957.35	0	0	0	0	0	0	7	10.02	3Coil_Towed_Array
1687	45	TSDA5R-8	555677.55	4480958.25	0	0	0	0	0	0	7	10.70	3Coil_Towed_Array
1688	46	TSDA5R-8	555675.18	4480958.81	0	0	0	0	0	0	7	4.56	3Coil_Towed_Array
1689	47	TSDA5R-8	555676.95	4480959.90	0	0	0	0	0	0	7	6.49	3Coil_Towed_Array
1690	48	TSDA5R-8	555674.40	4480961.25	0	0	0	0	0	0	7	5.72	3Coil_Towed_Array
1691	49	TSDA5R-8	555676.20	4480961.55	0	0	0	0	0	0	7	6.22	3Coil_Towed_Array
1692	50	TSDA5R-8	555673.50	4480963.20	0	0	0	0	0	0	7	9.33	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1693	51	TSDA5R-8	555675.60	4480963.50	0	0	0	0	0	0	7	6.62	3Coil_Towed_Array
1694	52	TSDA5R-8	555674.70	4480965.00	0	0	0	0	0	0	7	7.19	3Coil_Towed_Array
1695	53	TSDA5R-8	555673.35	4480965.70	0	0	0	0	0	0	7	8.26	3Coil_Towed_Array
1696	54	TSDA5R-8	555672.30	4480966.50	0	0	0	0	0	0	7	10.71	3Coil_Towed_Array
1697	55	TSDA5R-8	555674.25	4480966.95	0	0	0	0	0	0	7	5.52	3Coil_Towed_Array
1698	56	TSDA5R-8	555673.75	4480968.15	0	0	0	0	0	0	7	7.52	3Coil_Towed_Array
1699	57	TSDA5R-8	555671.70	4480968.30	0	0	0	0	0	0	7	10.54	3Coil_Towed_Array
1700	58	TSDA5R-8	555671.20	4480970.10	0	0	0	0	0	0	7	13.22	3Coil_Towed_Array
1701	59	TSDA5R-8	555672.90	4480970.55	0	0	0	0	0	0	7	7.49	3Coil_Towed_Array
1702	60	TSDA5R-8	555670.95	4480972.50	0	0	0	0	0	0	1	75.73	3Coil_Towed_Array
1703	61	TSDA5R-8	555669.55	4480975.65	0	0	0	0	0	0	7	9.08	3Coil_Towed_Array
1704	62	TSDA5R-8	555670.50	4480976.70	0	0	0	0	0	0	7	12.46	3Coil_Towed_Array
1705	63	TSDA5R-8	555668.55	4480976.85	0	0	0	0	0	0	7	6.77	3Coil_Towed_Array
1706	64	TSDA5R-8	555667.50	4480978.65	0	0	0	0	0	0	7	9.64	3Coil_Towed_Array
1707	65	TSDA5R-8	555669.30	4480979.70	0	0	0	0	0	0	7	8.41	3Coil_Towed_Array
1708	66	TSDA5R-8	555667.05	4480980.15	0	0	0	0	0	0	7	6.66	3Coil_Towed_Array
1709	67	TSDA5R-8	555666.60	4480981.35	0	0	0	0	0	0	7	16.40	3Coil_Towed_Array
1710	68	TSDA5R-8	555668.40	4480982.10	0	0	0	0	0	0	1	73.45	3Coil_Towed_Array
1711	69	TSDA5R-8	555666.00	4480982.55	0	0	0	0	0	0	7	11.87	3Coil_Towed_Array
1712	70	TSDA5R-8	555665.60	4480984.20	0	0	0	0	0	0	7	16.22	3Coil_Towed_Array
1713	71	TSDA5R-8	555667.35	4480984.95	0	0	0	0	0	0	7	10.52	3Coil_Towed_Array
1714	72	TSDA5R-8	555664.65	4480986.00	0	0	0	0	0	0	7	7.54	3Coil_Towed_Array
1715	73	TSDA5R-8	555665.90	4480986.30	0	0	0	0	0	0	7	9.52	3Coil_Towed_Array
1716	74	TSDA5R-8	555664.05	4480987.35	0	0	0	0	0	0	7	10.71	3Coil_Towed_Array
1717	75	TSDA5R-8	555666.10	4480987.65	0	0	0	0	0	0	7	10.72	3Coil_Towed_Array
1718	76	TSDA5R-8	555663.30	4480989.15	0	0	0	0	0	0	7	10.54	3Coil_Towed_Array
1719	77	TSDA5R-8	555665.25	4480989.75	0	0	0	0	0	0	7	12.11	3Coil_Towed_Array
1720	78	TSDA5R-8	555663.20	4480990.70	0	0	0	0	0	0	7	8.72	3Coil_Towed_Array
1721	79	TSDA5R-8	555664.50	4480991.35	0	0	0	0	0	0	7	9.68	3Coil_Towed_Array
1722	80	TSDA5R-8	555662.10	4480992.00	0	0	0	0	0	0	7	12.25	3Coil_Towed_Array
1723	81	TSDA5R-8	555664.05	4480992.75	0	0	0	0	0	0	7	18.63	3Coil_Towed_Array
1724	82	TSDA5R-8	555661.65	4480993.35	0	0	0	0	0	0	7	19.51	3Coil_Towed_Array
1725	83	TSDA5R-8	555662.85	4480993.70	0	0	0	0	0	0	7	20.82	3Coil_Towed_Array
1726	84	TSDA5R-8	555661.40	4480995.30	0	0	0	0	0	0	7	17.72	3Coil_Towed_Array
1727	85	TSDA5R-8	555662.70	4480995.60	0	0	0	0	0	0	7	13.25	3Coil_Towed_Array
1728	86	TSDA5R-8	555661.20	4480996.50	0	0	0	0	0	0	7	14.47	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1729	87	TSDA5R-8	555659.70	4480997.40	0	0	0	0	0	0	7	7.54	3Coil_Towed_Array
1730	88	TSDA5R-8	555661.65	4480998.15	0	0	0	0	0	0	7	5.87	3Coil_Towed_Array
1731	89	TSDA5R-8	555660.30	4480998.75	0	0	0	0	0	0	7	10.21	3Coil_Towed_Array
1732	90	TSDA5R-8	555659.00	4481000.25	0	0	0	0	0	0	7	8.36	3Coil_Towed_Array
1733	91	TSDA5R-8	555660.75	4481000.25	0	0	0	0	0	0	7	8.75	3Coil_Towed_Array
1734	92	TSDA5R-8	555658.20	4481001.15	0	0	0	0	0	0	7	12.18	3Coil_Towed_Array
1735	93	TSDA5R-8	555660.00	4481002.05	0	0	0	0	0	0	7	10.36	3Coil_Towed_Array
1736	94	TSDA5R-8	555657.60	4481003.10	0	0	0	0	0	0	7	14.79	3Coil_Towed_Array
1737	95	TSDA5R-8	555659.40	4481003.55	0	0	0	0	0	0	7	12.76	3Coil_Towed_Array
1738	96	TSDA5R-8	555656.85	4481004.15	0	0	0	0	0	0	7	14.50	3Coil_Towed_Array
1739	97	TSDA5R-8	555658.45	4481004.60	0	0	0	0	0	0	7	18.60	3Coil_Towed_Array
1740	98	TSDA5R-8	555656.70	4481005.50	0	0	0	0	0	0	7	9.00	3Coil_Towed_Array
1741	99	TSDA5R-8	555658.35	4481006.10	0	0	0	0	0	0	7	9.73	3Coil_Towed_Array
1742	100	TSDA5R-8	555656.10	4481007.00	0	0	0	0	0	0	7	15.71	3Coil_Towed_Array
1743	101	TSDA5R-8	555658.05	4481007.30	0	0	0	0	0	0	7	15.76	3Coil_Towed_Array
1744	102	TSDA5R-8	555657.45	4481008.65	0	0	0	0	0	0	7	16.08	3Coil_Towed_Array
1745	103	TSDA5R-8	555656.10	4481008.70	0	0	0	0	0	0	7	13.98	3Coil_Towed_Array
1746	104	TSDA5R-8	555658.20	4481010.90	0	0	0	0	0	0	7	29.03	3Coil_Towed_Array
1747	105	TSDA5R-8	555659.25	4481011.80	0	0	0	0	0	0	7	37.19	3Coil_Towed_Array
1748	106	TSDA5R-8	555650.10	4481026.80	0	0	0	0	0	0	7	8.59	3Coil_Towed_Array
1749	107	TSDA5R-8	555651.75	4481026.95	0	0	0	0	0	0	7	7.52	3Coil_Towed_Array
1750	108	TSDA5R-8	555649.80	4481027.70	0	0	0	0	0	0	7	7.64	3Coil_Towed_Array
1751	109	TSDA5R-8	555651.75	4481028.15	0	0	0	0	0	0	7	9.41	3Coil_Towed_Array
1752	110	TSDA5R-8	555650.40	4481029.05	0	0	0	0	0	0	7	16.39	3Coil_Towed_Array
1753	111	TSDA5R-8	555649.95	4481030.10	0	0	0	0	0	0	7	10.48	3Coil_Towed_Array
1754	112	TSDA5R-8	555649.20	4481031.45	0	0	0	0	0	0	7	10.32	3Coil_Towed_Array
1755	113	TSDA5R-8	555647.55	4481032.20	0	0	0	0	0	0	7	16.97	3Coil_Towed_Array
1756	114	TSDA5R-8	555649.00	4481033.10	0	0	0	0	0	0	7	17.75	3Coil_Towed_Array
1757	115	TSDA5R-8	555646.65	4481033.40	0	0	0	0	0	0	7	10.68	3Coil_Towed_Array
1758	116	TSDA5R-8	555648.46	4481034.41	0	0	0	0	0	0	7	11.35	3Coil_Towed_Array
1759	117	TSDA5R-8	555647.10	4481034.60	0	0	0	0	0	0	7	12.56	3Coil_Towed_Array
1760	118	TSDA5R-8	555645.45	4481035.50	0	0	0	0	0	0	7	4.98	3Coil_Towed_Array
1761	119	TSDA5R-8	555647.55	4481035.80	0	0	0	0	0	0	7	4.99	3Coil_Towed_Array
1762	120	TSDA5R-8	555644.85	4481036.40	0	0	0	0	0	0	7	10.41	3Coil_Towed_Array
1763	121	TSDA5R-8	555646.65	4481037.10	0	0	0	0	0	0	7	10.01	3Coil_Towed_Array
1764	122	TSDA5R-8	555644.25	4481037.45	0	0	0	0	0	0	7	12.76	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1765	123	TSDA5R-8	555645.60	4481037.75	0	0	0	0	0	0	7	14.20	3Coil_Towed_Array
1766	124	TSDA5R-8	555643.70	4481039.25	0	0	0	0	0	0	7	23.30	3Coil_Towed_Array
1767	125	TSDA5R-8	555645.30	4481039.85	0	0	0	0	0	0	7	18.13	3Coil_Towed_Array
1768	126	TSDA5R-8	555643.15	4481040.34	0	0	0	0	0	0	7	11.09	3Coil_Towed_Array
1769	127	TSDA5R-8	555645.00	4481040.90	0	0	0	0	0	0	7	6.20	3Coil_Towed_Array
1770	128	TSDA5R-8	555643.35	4481042.25	0	0	0	0	0	0	7	11.92	3Coil_Towed_Array
1771	129	TSDA5R-8	555644.70	4481042.25	0	0	0	0	0	0	7	10.17	3Coil_Towed_Array
1772	130	TSDA5R-8	555642.65	4481043.30	0	0	0	0	0	0	7	12.05	3Coil_Towed_Array
1773	131	TSDA5R-8	555644.40	4481043.45	0	0	0	0	0	0	7	14.82	3Coil_Towed_Array
1774	132	TSDA5R-8	555642.15	4481044.20	0	0	0	0	0	0	7	4.29	3Coil_Towed_Array
1775	133	TSDA5R-8	555643.80	4481044.65	0	0	0	0	0	0	7	6.96	3Coil_Towed_Array
1776	134	TSDA5R-8	555642.00	4481045.25	0	0	0	0	0	0	7	12.85	3Coil_Towed_Array
1777	135	TSDA5R-8	555643.35	4481045.85	0	0	0	0	0	0	7	10.01	3Coil_Towed_Array
1778	136	TSDA5R-8	555641.70	4481046.30	0	0	0	0	0	0	7	4.74	3Coil_Towed_Array
1779	137	TSDA5R-8	555641.44	4481047.38	0	0	0	0	0	0	7	5.69	3Coil_Towed_Array
1780	138	TSDA5R-8	555643.35	4481047.80	0	0	0	0	0	0	7	6.99	3Coil_Towed_Array
1781	139	TSDA5R-8	555641.25	4481048.55	0	0	0	0	0	0	7	30.32	3Coil_Towed_Array
1782	140	TSDA5R-8	555643.20	4481048.85	0	0	0	0	0	0	7	26.04	3Coil_Towed_Array
1783	141	TSDA5R-8	555641.10	4481049.60	0	0	0	0	0	0	7	23.47	3Coil_Towed_Array
1784	142	TSDA5R-8	555643.05	4481049.90	0	0	0	0	0	0	7	22.42	3Coil_Towed_Array
1785	143	TSDA5R-8	555640.90	4481050.65	0	0	0	0	0	0	7	15.09	3Coil_Towed_Array
1786	144	TSDA5R-8	555642.75	4481051.25	0	0	0	0	0	0	7	14.96	3Coil_Towed_Array
1787	145	TSDA5R-8	555640.80	4481052.45	0	0	0	0	0	0	7	11.43	3Coil_Towed_Array
1788	146	TSDA5R-8	555642.45	4481053.05	0	0	0	0	0	0	7	11.71	3Coil_Towed_Array
1789	147	TSDA5R-8	555640.20	4481053.50	0	0	0	0	0	0	7	11.53	3Coil_Towed_Array
1790	148	TSDA5R-8	555641.35	4481053.80	0	0	0	0	0	0	7	6.57	3Coil_Towed_Array
1791	149	TSDA5R-8	555640.05	4481054.70	0	0	0	0	0	0	7	16.26	3Coil_Towed_Array
1792	150	TSDA5R-8	555642.00	4481055.15	0	0	0	0	0	0	7	12.39	3Coil_Towed_Array
1793	151	TSDA5R-8	555639.75	4481056.05	0	0	0	0	0	0	7	26.73	3Coil_Towed_Array
1794	152	TSDA5R-8	555641.70	4481056.35	0	0	0	0	0	0	7	24.43	3Coil_Towed_Array
1795	153	TSDA5R-8	555639.60	4481057.25	0	0	0	0	0	0	7	27.36	3Coil_Towed_Array
1796	154	TSDA5R-8	555641.55	4481057.70	0	0	0	0	0	0	7	20.07	3Coil_Towed_Array
1797	155	TSDA5R-8	555639.15	4481058.75	0	0	0	0	0	0	7	20.58	3Coil_Towed_Array
1798	156	TSDA5R-8	555641.10	4481059.20	0	0	0	0	0	0	7	18.04	3Coil_Towed_Array
1799	157	TSDA5R-8	555638.85	4481060.40	0	0	0	0	0	0	7	21.72	3Coil_Towed_Array
1800	158	TSDA5R-8	555640.80	4481060.70	0	0	0	0	0	0	7	14.50	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1801	159	TSDA5R-8	555638.40	4481061.90	0	0	0	0	0	0	7	28.90	3Coil_Towed_Array
1802	160	TSDA5R-8	555640.35	4481062.35	0	0	0	0	0	0	7	21.53	3Coil_Towed_Array
1803	161	TSDA5R-8	555637.95	4481063.40	0	0	0	0	0	0	7	25.83	3Coil_Towed_Array
1804	162	TSDA5R-8	555639.90	4481063.85	0	0	0	0	0	0	7	26.71	3Coil_Towed_Array
1805	163	TSDA5R-8	555637.50	4481065.05	0	0	0	0	0	0	7	22.89	3Coil_Towed_Array
1806	164	TSDA5R-8	555639.30	4481065.65	0	0	0	0	0	0	7	18.43	3Coil_Towed_Array
1807	165	TSDA5R-8	555636.90	4481066.85	0	0	0	0	0	0	7	22.67	3Coil_Towed_Array
1808	166	TSDA5R-8	555638.70	4481067.60	0	0	0	0	0	0	7	23.94	3Coil_Towed_Array
1809	167	TSDA5R-8	555636.30	4481068.80	0	0	0	0	0	0	7	23.34	3Coil_Towed_Array
1810	168	TSDA5R-8	555638.25	4481069.40	0	0	0	0	0	0	7	21.36	3Coil_Towed_Array
1811	169	TSDA5R-8	555635.85	4481070.30	0	0	0	0	0	0	7	38.04	3Coil_Towed_Array
1812	170	TSDA5R-8	555637.80	4481070.75	0	0	0	0	0	0	7	26.33	3Coil_Towed_Array
1813	171	TSDA5R-8	555635.25	4481071.95	0	0	0	0	0	0	7	35.24	3Coil_Towed_Array
1814	172	TSDA5R-8	555637.20	4481072.55	0	0	0	0	0	0	7	27.80	3Coil_Towed_Array
1815	173	TSDA5R-8	555635.70	4481074.35	0	0	0	0	0	0	7	14.08	3Coil_Towed_Array
1816	174	TSDA5R-8	555634.35	4481074.95	0	0	0	0	0	0	7	27.75	3Coil_Towed_Array
1817	175	TSDA5R-8	555636.30	4481075.70	0	0	0	0	0	0	7	15.04	3Coil_Towed_Array
1818	176	TSDA5R-8	555634.45	4481076.00	0	0	0	0	0	0	7	12.25	3Coil_Towed_Array
1819	177	TSDA5R-8	555633.95	4481076.90	0	0	0	0	0	0	7	8.89	3Coil_Towed_Array
1820	178	TSDA5R-8	555635.85	4481077.20	0	0	0	0	0	0	7	9.94	3Coil_Towed_Array
1821	179	TSDA5R-8	555633.45	4481077.95	0	0	0	0	0	0	7	5.90	3Coil_Towed_Array
1822	180	TSDA5R-8	555633.70	4481079.60	0	0	0	0	0	0	7	23.74	3Coil_Towed_Array
1823	181	TSDA5R-8	555634.95	4481080.05	0	0	0	0	0	0	7	28.29	3Coil_Towed_Array
1824	182	TSDA5R-8	555632.10	4481082.30	0	0	0	0	0	0	7	24.87	3Coil_Towed_Array
1825	183	TSDA5R-8	555634.05	4481082.90	0	0	0	0	0	0	7	29.31	3Coil_Towed_Array
1826	184	TSDA5R-8	555632.85	4481083.50	0	0	0	0	0	0	7	12.87	3Coil_Towed_Array
1827	185	TSDA5R-8	555631.50	4481084.40	0	0	0	0	0	0	7	27.91	3Coil_Towed_Array
1828	186	TSDA5R-8	555633.45	4481084.70	0	0	0	0	0	0	7	29.60	3Coil_Towed_Array
1829	187	TSDA5R-8	555630.90	4481086.20	0	0	0	0	0	0	7	29.66	3Coil_Towed_Array
1830	188	TSDA5R-8	555632.85	4481086.80	0	0	0	0	0	0	7	28.77	3Coil_Towed_Array
1831	189	TSDA5R-8	555631.50	4481087.55	0	0	0	0	0	0	7	10.44	3Coil_Towed_Array
1832	190	TSDA5R-8	555630.30	4481088.15	0	0	0	0	0	0	7	16.23	3Coil_Towed_Array
1833	191	TSDA5R-8	555632.25	4481088.60	0	0	0	0	0	0	7	20.37	3Coil_Towed_Array
1834	192	TSDA5R-8	555630.60	4481089.35	0	0	0	0	0	0	7	6.65	3Coil_Towed_Array
1835	193	TSDA5R-8	555631.80	4481089.95	0	0	0	0	0	0	7	8.76	3Coil_Towed_Array
1836	194	TSDA5R-8	555630.15	4481090.85	0	0	0	0	0	0	7	11.05	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1837	195	TSDA5R-8	555631.35	4481091.30	0	0	0	0	0	0	7	15.69	3Coil_Towed_Array
1838	196	TSDA5R-8	555629.10	4481091.75	0	0	0	0	0	0	7	31.84	3Coil_Towed_Array
1839	197	TSDA5R-8	555630.90	4481092.35	0	0	0	0	0	0	7	28.62	3Coil_Towed_Array
1840	198	TSDA5R-8	555628.65	4481092.65	0	0	0	0	0	0	7	24.15	3Coil_Towed_Array
1841	199	TSDA5R-8	555630.60	4481093.40	0	0	0	0	0	0	7	20.09	3Coil_Towed_Array
1842	200	TSDA5R-8	555629.25	4481094.00	0	0	0	0	0	0	7	5.91	3Coil_Towed_Array
1843	201	TSDA5R-8	555628.05	4481094.60	0	0	0	0	0	0	7	25.87	3Coil_Towed_Array
1844	202	TSDA5R-8	555630.00	4481095.20	0	0	0	0	0	0	7	23.16	3Coil_Towed_Array
1845	203	TSDA5R-8	555628.00	4481095.70	0	0	0	0	0	0	7	13.35	3Coil_Towed_Array
1846	204	TSDA5R-8	555629.70	4481096.10	0	0	0	0	0	0	7	11.10	3Coil_Towed_Array
1847	205	TSDA5R-8	555627.30	4481097.45	0	0	0	0	0	0	7	18.24	3Coil_Towed_Array
1848	206	TSDA5R-8	555629.25	4481097.45	0	0	0	0	0	0	7	11.06	3Coil_Towed_Array
1849	207	TSDA5R-8	555628.20	4481098.65	0	0	0	0	0	0	7	7.50	3Coil_Towed_Array
1850	208	TSDA5R-8	555626.55	4481098.80	0	0	0	0	0	0	7	10.50	3Coil_Towed_Array
1851	209	TSDA5R-8	555626.40	4481099.70	0	0	0	0	0	0	7	8.78	3Coil_Towed_Array
1852	210	TSDA5R-8	555628.05	4481100.30	0	0	0	0	0	0	7	8.53	3Coil_Towed_Array
1853	211	TSDA5R-8	555627.00	4481100.75	0	0	0	0	0	0	7	12.65	3Coil_Towed_Array
1854	212	TSDA5R-8	555625.80	4481101.05	0	0	0	0	0	0	7	14.99	3Coil_Towed_Array
1855	213	TSDA5R-8	555627.60	4481101.80	0	0	0	0	0	0	7	15.09	3Coil_Towed_Array
1856	214	TSDA5R-8	555624.90	4481103.75	0	0	0	0	0	0	7	16.87	3Coil_Towed_Array
1857	215	TSDA5R-8	555627.00	4481104.05	0	0	0	0	0	0	7	19.10	3Coil_Towed_Array
1858	216	TSDA5R-8	555626.50	4481104.95	0	0	0	0	0	0	7	13.56	3Coil_Towed_Array
1859	217	TSDA5R-8	555624.00	4481106.45	0	0	0	0	0	0	7	19.44	3Coil_Towed_Array
1860	218	TSDA5R-8	555625.95	4481107.05	0	0	0	0	0	0	7	19.81	3Coil_Towed_Array
1861	219	TSDA5R-8	555623.85	4481107.95	0	0	0	0	0	0	7	6.67	3Coil_Towed_Array
1862	220	TSDA5R-8	555623.45	4481108.90	0	0	0	0	0	0	7	10.61	3Coil_Towed_Array
1863	221	TSDA5R-8	555625.05	4481109.30	0	0	0	0	0	0	7	8.37	3Coil_Towed_Array
1864	222	TSDA5R-8	555622.35	4481111.10	0	0	0	0	0	0	7	14.31	3Coil_Towed_Array
1865	223	TSDA5R-8	555624.30	4481111.85	0	0	0	0	0	0	7	12.22	3Coil_Towed_Array
1866	224	TSDA5R-8	555621.60	4481113.05	0	0	0	0	0	0	7	12.77	3Coil_Towed_Array
1867	225	TSDA5R-8	555623.55	4481113.65	0	0	0	0	0	0	7	9.30	3Coil_Towed_Array
1868	226	TSDA5R-8	555621.30	4481113.95	0	0	0	0	0	0	7	9.33	3Coil_Towed_Array
1869	227	TSDA5R-8	555622.45	4481114.25	0	0	0	0	0	0	7	10.00	3Coil_Towed_Array
1870	228	TSDA5R-8	555620.55	4481116.05	0	0	0	0	0	0	7	19.03	3Coil_Towed_Array
1871	229	TSDA5R-8	555622.50	4481116.50	0	0	0	0	0	0	7	17.39	3Coil_Towed_Array
1872	230	TSDA5R-8	555620.25	4481116.95	0	0	0	0	0	0	7	16.14	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1873	231	TSDA5R-8	555621.45	4481117.40	0	0	0	0	0	0	7	11.48	3Coil_Towed_Array
1874	232	TSDA5R-8	555621.45	4481118.60	0	0	0	0	0	0	7	6.10	3Coil_Towed_Array
1875	233	TSDA5R-8	555619.80	4481118.90	0	0	0	0	0	0	7	9.49	3Coil_Towed_Array
1876	234	TSDA5R-8	555621.30	4481119.80	0	0	0	0	0	0	7	11.10	3Coil_Towed_Array
1877	235	TSDA5R-8	555618.90	4481120.40	0	0	0	0	0	0	7	7.24	3Coil_Towed_Array
1878	236	TSDA5R-8	555620.55	4481121.30	0	0	0	0	0	0	7	9.11	3Coil_Towed_Array
1879	237	TSDA5R-8	555618.60	4481121.45	0	0	0	0	0	0	7	5.28	3Coil_Towed_Array
1880	238	TSDA5R-8	555618.15	4481122.95	0	0	0	0	0	0	7	10.49	3Coil_Towed_Array
1881	239	TSDA5R-8	555619.80	4481123.55	0	0	0	0	0	0	7	8.37	3Coil_Towed_Array
1882	240	TSDA5R-8	555617.70	4481124.60	0	0	0	0	0	0	7	4.98	3Coil_Towed_Array
1883	241	TSDA5R-8	555617.25	4481126.10	0	0	0	0	0	0	7	10.01	3Coil_Towed_Array
1884	242	TSDA5R-8	555619.35	4481126.55	0	0	0	0	0	0	7	9.62	3Coil_Towed_Array
1885	243	TSDA5R-8	555616.74	4481128.28	0	0	0	0	0	0	7	5.23	3Coil_Towed_Array
1886	244	TSDA5R-8	555618.75	4481128.65	0	0	0	0	0	0	7	5.17	3Coil_Towed_Array
1887	245	TSDA5R-8	555616.35	4481129.55	0	0	0	0	0	0	7	5.70	3Coil_Towed_Array
1888	246	TSDA5R-8	555618.00	4481130.00	0	0	0	0	0	0	7	4.73	3Coil_Towed_Array
1889	247	TSDA5R-8	555615.90	4481130.75	0	0	0	0	0	0	7	5.71	3Coil_Towed_Array
1890	248	TSDA5R-8	555615.75	4481131.65	0	0	0	0	0	0	7	8.04	3Coil_Towed_Array
1891	249	TSDA5R-8	555617.70	4481132.10	0	0	0	0	0	0	7	7.51	3Coil_Towed_Array
1892	250	TSDA5R-8	555615.45	4481133.45	0	0	0	0	0	0	7	8.70	3Coil_Towed_Array
1893	251	TSDA5R-8	555616.75	4481133.75	0	0	0	0	0	0	7	11.11	3Coil_Towed_Array
1894	252	TSDA5R-8	555614.85	4481134.80	0	0	0	0	0	0	7	15.62	3Coil_Towed_Array
1895	253	TSDA5R-8	555616.80	4481135.55	0	0	0	0	0	0	7	16.94	3Coil_Towed_Array
1896	254	TSDA5R-8	555614.55	4481136.00	0	0	0	0	0	0	7	10.65	3Coil_Towed_Array
1897	255	TSDA5R-8	555616.50	4481136.60	0	0	0	0	0	0	7	11.25	3Coil_Towed_Array
1898	256	TSDA5R-8	555614.25	4481139.90	0	0	0	0	0	0	7	8.00	3Coil_Towed_Array
1899	257	TSDA5R-8	555615.00	4481140.95	0	0	0	0	0	0	7	5.86	3Coil_Towed_Array
1900	258	TSDA5R-8	555613.80	4481141.85	0	0	0	0	0	0	7	9.21	3Coil_Towed_Array
1901	259	TSDA5R-8	555612.60	4481145.30	0	0	0	0	0	0	7	4.51	3Coil_Towed_Array
1902	260	TSDA5R-8	555612.85	4481147.10	0	0	0	0	0	0	7	4.83	3Coil_Towed_Array
1903	261	TSDA5R-8	555610.35	4481148.90	0	0	0	0	0	0	7	4.62	3Coil_Towed_Array
1904	262	TSDA5R-8	555612.15	4481149.35	0	0	0	0	0	0	7	4.50	3Coil_Towed_Array
1905	263	TSDA5R-8	555611.24	4481152.35	0	0	0	0	0	0	7	3.76	3Coil_Towed_Array
1906	264	TSDA5R-8	555609.00	4481152.65	0	0	0	0	0	0	7	4.75	3Coil_Towed_Array
1907	265	TSDA5R-8	555610.80	4481153.40	0	0	0	0	0	0	7	6.45	3Coil_Towed_Array
1908	266	TSDA5R-8	555607.35	4481157.15	0	0	0	0	0	0	7	6.82	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1909	267	TSDA5R-8	555609.30	4481157.75	0	0	0	0	0	0	7	6.65	3Coil_Towed_Array
1910	268	TSDA5R-8	555606.75	4481159.10	0	0	0	0	0	0	7	7.62	3Coil_Towed_Array
1911	269	TSDA5R-8	555608.70	4481159.55	0	0	0	0	0	0	7	7.24	3Coil_Towed_Array
1912	270	TSDA5R-8	555605.70	4481161.50	0	0	0	0	0	0	7	9.37	3Coil_Towed_Array
1913	271	TSDA5R-8	555607.50	4481162.25	0	0	0	0	0	0	7	9.48	3Coil_Towed_Array
1914	272	TSDA5R-8	555605.25	4481163.00	0	0	0	0	0	0	7	6.78	3Coil_Towed_Array
1915	273	TSDA5R-8	555607.05	4481163.60	0	0	0	0	0	0	7	6.12	3Coil_Towed_Array
1916	274	TSDA5R-8	555606.15	4481165.85	0	0	0	0	0	0	7	4.26	3Coil_Towed_Array
1917	275	TSDA5R-8	555603.49	4481166.91	0	0	0	0	0	0	7	4.46	3Coil_Towed_Array
1918	276	TSDA5R-8	555602.70	4481170.35	0	0	0	0	0	0	7	4.24	3Coil_Towed_Array
1919	277	TSDA5R-8	555603.90	4481171.25	0	0	0	0	0	0	7	4.98	3Coil_Towed_Array
1920	278	TSDA5R-8	555600.60	4481173.35	0	0	0	0	0	0	7	4.67	3Coil_Towed_Array
1921	279	TSDA5R-8	555602.40	4481174.25	0	0	0	0	0	0	7	7.28	3Coil_Towed_Array
1922	280	TSDA5R-8	555600.75	4481175.60	0	0	0	0	0	0	7	7.08	3Coil_Towed_Array
1923	281	TSDA5R-8	555600.00	4481177.40	0	0	0	0	0	0	7	4.25	3Coil_Towed_Array
1924	282	TSDA5R-8	555598.80	4481178.30	0	0	0	0	0	0	7	4.97	3Coil_Towed_Array
1925	283	TSDA5R-8	555600.75	4481178.90	0	0	0	0	0	0	7	5.43	3Coil_Towed_Array
1926	284	TSDA5R-8	555600.45	4481180.25	0	0	0	0	0	0	7	4.67	3Coil_Towed_Array
1927	1	TDSA5R-9	555775.95	4480995.15	0	0	0	0	0	0	7	18.99	3Coil_Towed_Array
1928	2	TDSA5R-9	555777.60	4480996.05	0	0	0	0	0	0	7	13.26	3Coil_Towed_Array
1929	3	TDSA5R-9	555776.25	4480996.65	0	0	0	0	0	0	7	22.04	3Coil_Towed_Array
1930	4	TDSA5R-9	555775.05	4480996.95	0	0	0	0	0	0	7	20.61	3Coil_Towed_Array
1931	5	TDSA5R-9	555776.25	4480997.80	0	0	0	0	0	0	7	20.69	3Coil_Towed_Array
1932	6	TDSA5R-9	555775.10	4480998.50	0	0	0	0	0	0	7	8.00	3Coil_Towed_Array
1933	7	TDSA5R-9	555773.25	4480999.35	0	0	0	0	0	0	7	20.52	3Coil_Towed_Array
1934	8	TDSA5R-9	555774.45	4481000.25	0	0	0	0	0	0	7	24.85	3Coil_Towed_Array
1935	9	TDSA5R-9	555773.00	4481000.55	0	0	0	0	0	0	7	11.22	3Coil_Towed_Array
1936	10	TDSA5R-9	555773.85	4481001.60	0	0	0	0	0	0	7	13.64	3Coil_Towed_Array
1937	11	TDSA5R-9	555771.70	4481002.30	0	0	0	0	0	0	7	19.82	3Coil_Towed_Array
1938	12	TDSA5R-9	555772.95	4481002.80	0	0	0	0	0	0	7	19.84	3Coil_Towed_Array
1939	13	TDSA5R-9	555770.85	4481003.10	0	0	0	0	0	0	7	11.42	3Coil_Towed_Array
1940	14	TDSA5R-9	555772.20	4481004.00	0	0	0	0	0	0	7	14.12	3Coil_Towed_Array
1941	15	TDSA5R-9	555769.65	4481004.60	0	0	0	0	0	0	7	19.63	3Coil_Towed_Array
1942	16	TDSA5R-9	555771.60	4481005.35	0	0	0	0	0	0	7	19.09	3Coil_Towed_Array
1943	17	TDSA5R-9	555770.25	4481005.65	0	0	0	0	0	0	7	18.68	3Coil_Towed_Array
1944	18	TDSA5R-9	555769.20	4481006.70	0	0	0	0	0	0	7	16.22	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1945	19	TDSA5R-9	555770.85	4481007.00	0	0	0	0	0	0	7	18.40	3Coil_Towed_Array
1946	20	TDSA5R-9	555768.15	4481008.20	0	0	0	0	0	0	7	30.75	3Coil_Towed_Array
1947	21	TDSA5R-9	555769.95	4481009.10	0	0	0	0	0	0	7	38.42	3Coil_Towed_Array
1948	22	TDSA5R-9	555767.70	4481009.85	0	0	0	0	0	0	7	31.23	3Coil_Towed_Array
1949	23	TDSA5R-9	555769.00	4481010.00	0	0	0	0	0	0	7	27.95	3Coil_Towed_Array
1950	24	TDSA5R-9	555766.35	4481011.65	0	0	0	0	0	0	7	27.92	3Coil_Towed_Array
1951	25	TDSA5R-9	555768.20	4481011.80	0	0	0	0	0	0	7	33.21	3Coil_Towed_Array
1952	26	TDSA5R-9	555765.90	4481013.00	0	0	0	0	0	0	7	33.72	3Coil_Towed_Array
1953	27	TDSA5R-9	555767.70	4481013.75	0	0	0	0	0	0	7	38.90	3Coil_Towed_Array
1954	28	TDSA5R-9	555766.05	4481014.95	0	0	0	0	0	0	7	19.36	3Coil_Towed_Array
1955	29	TDSA5R-9	555764.70	4481015.55	0	0	0	0	0	0	7	32.21	3Coil_Towed_Array
1956	30	TDSA5R-9	555765.80	4481016.20	0	0	0	0	0	0	7	47.36	3Coil_Towed_Array
1957	31	TDSA5R-9	555764.25	4481016.75	0	0	0	0	0	0	7	32.89	3Coil_Towed_Array
1958	32	TDSA5R-9	555765.45	4481017.20	0	0	0	0	0	0	7	37.98	3Coil_Towed_Array
1959	33	TDSA5R-9	555763.50	4481020.65	0	0	0	0	0	0	7	19.14	3Coil_Towed_Array
1960	34	TDSA5R-9	555762.15	4481021.10	0	0	0	0	0	0	7	28.59	3Coil_Towed_Array
1961	35	TDSA5R-9	555763.95	4481022.00	0	0	0	0	0	0	7	27.62	3Coil_Towed_Array
1962	36	TDSA5R-9	555762.00	4481022.15	0	0	0	0	0	0	7	42.93	3Coil_Towed_Array
1963	37	TDSA5R-9	555763.35	4481023.20	0	0	0	0	0	0	7	38.43	3Coil_Towed_Array
1964	38	TDSA5R-9	555761.70	4481023.95	0	0	0	0	0	0	7	10.02	3Coil_Towed_Array
1965	39	TDSA5R-9	555760.80	4481024.85	0	0	0	0	0	0	7	19.49	3Coil_Towed_Array
1966	40	TDSA5R-9	555762.30	4481025.60	0	0	0	0	0	0	7	18.44	3Coil_Towed_Array
1967	41	TDSA5R-9	555759.60	4481026.50	0	0	0	0	0	0	7	34.32	3Coil_Towed_Array
1968	42	TDSA5R-9	555761.10	4481026.95	0	0	0	0	0	0	7	24.48	3Coil_Towed_Array
1969	43	TDSA5R-9	555758.40	4481029.35	0	0	0	0	0	0	7	40.92	3Coil_Towed_Array
1970	44	TDSA5R-9	555759.70	4481030.25	0	0	0	0	0	0	7	40.42	3Coil_Towed_Array
1971	45	TDSA5R-9	555757.20	4481031.00	0	0	0	0	0	0	7	17.18	3Coil_Towed_Array
1972	46	TDSA5R-9	555759.15	4481031.75	0	0	0	0	0	0	7	27.42	3Coil_Towed_Array
1973	47	TDSA5R-9	555756.90	4481032.05	0	0	0	0	0	0	7	17.88	3Coil_Towed_Array
1974	48	TDSA5R-9	555758.55	4481033.25	0	0	0	0	0	0	7	9.24	3Coil_Towed_Array
1975	49	TDSA5R-9	555756.45	4481033.70	0	0	0	0	0	0	7	26.60	3Coil_Towed_Array
1976	50	TDSA5R-9	555758.10	4481034.45	0	0	0	0	0	0	7	22.16	3Coil_Towed_Array
1977	51	TDSA5R-9	555755.85	4481034.60	0	0	0	0	0	0	7	17.84	3Coil_Towed_Array
1978	52	TDSA5R-9	555757.65	4481035.50	0	0	0	0	0	0	7	18.51	3Coil_Towed_Array
1979	53	TDSA5R-9	555756.00	4481036.40	0	0	0	0	0	0	7	22.98	3Coil_Towed_Array
1980	54	TDSA5R-9	555756.15	4481038.05	0	0	0	0	0	0	7	44.27	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1981	55	TDSA5R-9	555754.35	4481039.55	0	0	0	0	0	0	3	955.38	3Coil_Towed_Array
1982	56	TDSA5R-9	555752.10	4481041.50	0	0	0	0	0	0	2	805.02	3Coil_Towed_Array
1983	57	TDSA5R-9	555750.45	4481044.95	0	0	0	0	0	0	7	113.08	3Coil_Towed_Array
1984	58	TDSA5R-9	555749.85	4481046.45	0	0	0	0	0	0	7	40.67	3Coil_Towed_Array
1985	59	TDSA5R-9	555751.50	4481047.50	0	0	0	0	0	0	7	18.66	3Coil_Towed_Array
1986	60	TDSA5R-9	555750.00	4481048.70	0	0	0	0	0	0	7	24.20	3Coil_Towed_Array
1987	61	TDSA5R-9	555748.65	4481049.30	0	0	0	0	0	0	7	21.00	3Coil_Towed_Array
1988	62	TDSA5R-9	555750.60	4481050.05	0	0	0	0	0	0	7	22.73	3Coil_Towed_Array
1989	63	TDSA5R-9	555748.20	4481050.50	0	0	0	0	0	0	7	35.68	3Coil_Towed_Array
1990	64	TDSA5R-9	555749.40	4481051.10	0	0	0	0	0	0	7	32.12	3Coil_Towed_Array
1991	65	TDSA5R-9	555749.68	4481052.37	0	0	0	0	0	0	7	7.56	3Coil_Towed_Array
1992	66	TDSA5R-9	555747.80	4481052.45	0	0	0	0	0	0	7	16.34	3Coil_Towed_Array
1993	67	TDSA5R-9	555746.85	4481053.80	0	0	0	0	0	0	7	41.42	3Coil_Towed_Array
1994	68	TDSA5R-9	555748.95	4481053.95	0	0	0	0	0	0	7	36.69	3Coil_Towed_Array
1995	69	TDSA5R-9	555747.45	4481054.70	0	0	0	0	0	0	7	11.31	3Coil_Towed_Array
1996	70	TDSA5R-9	555746.25	4481055.15	0	0	0	0	0	0	7	11.01	3Coil_Towed_Array
1997	71	TDSA5R-9	555748.05	4481055.75	0	0	0	0	0	0	7	11.45	3Coil_Towed_Array
1998	72	TDSA5R-9	555745.65	4481056.65	0	0	0	0	0	0	7	30.51	3Coil_Towed_Array
1999	73	TDSA5R-9	555747.45	4481057.40	0	0	0	0	0	0	7	42.01	3Coil_Towed_Array
2000	74	TDSA5R-9	555745.20	4481057.70	0	0	0	0	0	0	7	7.12	3Coil_Towed_Array
2001	75	TDSA5R-9	555747.00	4481058.45	0	0	0	0	0	0	7	9.23	3Coil_Towed_Array
2002	76	TDSA5R-9	555745.80	4481058.75	0	0	0	0	0	0	7	9.21	3Coil_Towed_Array
2003	77	TDSA5R-9	555744.45	4481059.35	0	0	0	0	0	0	7	24.70	3Coil_Towed_Array
2004	78	TDSA5R-9	555746.25	4481059.95	0	0	0	0	0	0	7	18.15	3Coil_Towed_Array
2005	79	TDSA5R-9	555743.85	4481060.70	0	0	0	0	0	0	7	19.81	3Coil_Towed_Array
2006	80	TDSA5R-9	555745.35	4481061.40	0	0	0	0	0	0	7	14.22	3Coil_Towed_Array
2007	81	TDSA5R-9	555744.15	4481062.50	0	0	0	0	0	0	7	12.02	3Coil_Towed_Array
2008	82	TDSA5R-9	555742.65	4481063.40	0	0	0	0	0	0	7	20.06	3Coil_Towed_Array
2009	83	TDSA5R-9	555744.30	4481063.85	0	0	0	0	0	0	7	13.88	3Coil_Towed_Array
2010	84	TDSA5R-9	555741.75	4481065.50	0	0	0	0	0	0	7	13.09	3Coil_Towed_Array
2011	85	TDSA5R-9	555743.70	4481065.95	0	0	0	0	0	0	7	16.39	3Coil_Towed_Array
2012	86	TDSA5R-9	555742.20	4481066.70	0	0	0	0	0	0	7	5.44	3Coil_Towed_Array
2013	87	TDSA5R-9	555741.00	4481067.00	0	0	0	0	0	0	7	19.76	3Coil_Towed_Array
2014	88	TDSA5R-9	555742.00	4481067.90	0	0	0	0	0	0	7	15.20	3Coil_Towed_Array
2015	89	TDSA5R-9	555740.25	4481068.65	0	0	0	0	0	0	7	10.47	3Coil_Towed_Array
2016	90	TDSA5R-9	555742.05	4481069.85	0	0	0	0	0	0	7	5.14	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
2017	91	TDSA5R-9	555739.65	4481070.15	0	0	0	0	0	0	7	8.53	3Coil_Towed_Array
2018	92	TDSA5R-9	555741.00	4481071.50	0	0	0	0	0	0	7	8.33	3Coil_Towed_Array
2019	93	TDSA5R-9	555738.90	4481071.80	0	0	0	0	0	0	7	7.36	3Coil_Towed_Array
2020	94	TDSA5R-9	555740.70	4481072.70	0	0	0	0	0	0	7	10.48	3Coil_Towed_Array
2021	95	TDSA5R-9	555738.60	4481073.00	0	0	0	0	0	0	7	9.63	3Coil_Towed_Array
2022	96	TDSA5R-9	555737.85	4481074.05	0	0	0	0	0	0	7	4.86	3Coil_Towed_Array
2023	97	TDSA5R-9	555739.35	4481074.20	0	0	0	0	0	0	7	4.92	3Coil_Towed_Array
2024	98	TDSA5R-9	555737.55	4481075.25	0	0	0	0	0	0	7	12.70	3Coil_Towed_Array
2025	99	TDSA5R-9	555739.20	4481076.00	0	0	0	0	0	0	7	13.54	3Coil_Towed_Array
2026	100	TDSA5R-9	555736.95	4481077.35	0	0	0	0	0	0	7	6.81	3Coil_Towed_Array
2027	101	TDSA5R-9	555738.30	4481077.35	0	0	0	0	0	0	7	14.29	3Coil_Towed_Array
2028	102	TDSA5R-9	555738.00	4481078.55	0	0	0	0	0	0	7	5.88	3Coil_Towed_Array
2029	103	TDSA5R-9	555736.35	4481079.45	0	0	0	0	0	0	7	8.83	3Coil_Towed_Array
2030	104	TDSA5R-9	555737.55	4481079.60	0	0	0	0	0	0	7	14.46	3Coil_Towed_Array
2031	105	TDSA5R-9	555736.65	4481080.65	0	0	0	0	0	0	7	7.06	3Coil_Towed_Array
2032	106	TDSA5R-9	555735.45	4481080.95	0	0	0	0	0	0	7	5.75	3Coil_Towed_Array
2033	107	TDSA5R-9	555735.60	4481082.00	0	0	0	0	0	0	7	8.18	3Coil_Towed_Array
2034	108	TDSA5R-9	555733.80	4481083.05	0	0	0	0	0	0	7	6.09	3Coil_Towed_Array
2035	109	TDSA5R-9	555735.90	4481083.50	0	0	0	0	0	0	7	6.39	3Coil_Towed_Array
2036	110	TDSA5R-9	555733.05	4481084.70	0	0	0	0	0	0	7	5.97	3Coil_Towed_Array
2037	111	TDSA5R-9	555735.00	4481084.70	0	0	0	0	0	0	7	5.73	3Coil_Towed_Array
2038	112	TDSA5R-9	555732.60	4481085.90	0	0	0	0	0	0	7	6.05	3Coil_Towed_Array
2039	113	TDSA5R-9	555733.65	4481087.65	0	0	0	0	0	0	7	7.91	3Coil_Towed_Array
2040	114	TDSA5R-9	555731.55	4481088.00	0	0	0	0	0	0	7	4.89	3Coil_Towed_Array
2041	115	TDSA5R-9	555731.10	4481089.05	0	0	0	0	0	0	7	5.97	3Coil_Towed_Array
2042	116	TDSA5R-9	555733.05	4481089.80	0	0	0	0	0	0	7	5.61	3Coil_Towed_Array
2043	117	TDSA5R-9	555730.65	4481090.40	0	0	0	0	0	0	7	4.90	3Coil_Towed_Array
2044	118	TDSA5R-9	555732.15	4481091.75	0	0	0	0	0	0	7	9.08	3Coil_Towed_Array
2045	119	TDSA5R-9	555729.90	4481091.90	0	0	0	0	0	0	7	9.28	3Coil_Towed_Array
2046	120	TDSA5R-9	555731.70	4481092.65	0	0	0	0	0	0	7	8.62	3Coil_Towed_Array
2047	121	TDSA5R-9	555730.20	4481093.40	0	0	0	0	0	0	7	4.09	3Coil_Towed_Array
2048	122	TDSA5R-9	555728.85	4481094.00	0	0	0	0	0	0	7	5.58	3Coil_Towed_Array
2049	123	TDSA5R-9	555730.35	4481094.75	0	0	0	0	0	0	7	5.95	3Coil_Towed_Array
2050	124	TDSA5R-9	555729.50	4481096.85	0	0	0	0	0	0	7	5.48	3Coil_Towed_Array
2051	125	TDSA5R-9	555729.10	4481098.05	0	0	0	0	0	0	7	4.36	3Coil_Towed_Array
2052	126	TDSA5R-9	555726.30	4481100.15	0	0	0	0	0	0	7	4.30	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
2053	127	TDSA5R-9	555724.50	4481103.75	0	0	0	0	0	0	7	7.40	3Coil_Towed_Array
2054	128	TDSA5R-9	555726.75	4481104.05	0	0	0	0	0	0	7	5.03	3Coil_Towed_Array
2055	129	TDSA5R-9	555726.15	4481104.95	0	0	0	0	0	0	7	5.04	3Coil_Towed_Array
2056	130	TDSA5R-9	555723.95	4481105.55	0	0	0	0	0	0	7	4.68	3Coil_Towed_Array
2057	131	TDSA5R-9	555723.87	4481107.57	0	0	0	0	0	0	7	5.10	3Coil_Towed_Array
2058	132	TDSA5R-9	555723.45	4481110.50	0	0	0	0	0	0	7	4.39	3Coil_Towed_Array
2059	133	TDSA5R-9	555721.25	4481110.79	0	0	0	0	0	0	7	4.63	3Coil_Towed_Array
2060	134	TDSA5R-9	555723.10	4481111.54	0	0	0	0	0	0	7	4.40	3Coil_Towed_Array
2061	135	TDSA5R-9	555721.80	4481112.00	0	0	0	0	0	0	7	5.68	3Coil_Towed_Array
2062	136	TDSA5R-9	555721.65	4481114.40	0	0	0	0	0	0	7	4.37	3Coil_Towed_Array
2063	137	TDSA5R-9	555718.61	4481116.29	0	0	0	0	0	0	7	4.53	3Coil_Towed_Array
2064	138	TDSA5R-9	555720.30	4481117.25	0	0	0	0	0	0	7	4.15	3Coil_Towed_Array
2065	139	TDSA5R-9	555715.80	4481122.65	0	0	0	0	0	0	7	4.33	3Coil_Towed_Array
2066	140	TDSA5R-9	555717.60	4481123.40	0	0	0	0	0	0	7	4.08	3Coil_Towed_Array
2067	141	TDSA5R-9	555714.20	4481126.27	0	0	0	0	0	0	7	4.58	3Coil_Towed_Array
2068	142	TDSA5R-9	555716.10	4481126.85	0	0	0	0	0	0	7	4.09	3Coil_Towed_Array
2069	143	TDSA5R-9	555712.20	4481130.75	0	0	0	0	0	0	7	4.48	3Coil_Towed_Array
2070	144	TDSA5R-9	555711.36	4481132.79	0	0	0	0	0	0	7	4.47	3Coil_Towed_Array
2071	145	TDSA5R-9	555713.10	4481133.60	0	0	0	0	0	0	7	5.44	3Coil_Towed_Array
2072	146	TDSA5R-9	555712.50	4481135.10	0	0	0	0	0	0	7	4.06	3Coil_Towed_Array
2073	147	TDSA5R-9	555708.30	4481143.35	0	0	0	0	0	0	1	34.99	3Coil_Towed_Array
2074	148	TDSA5R-9	555706.80	4481144.40	0	0	0	0	0	0	7	4.43	3Coil_Towed_Array
2075	149	TDSA5R-9	555708.65	4481145.09	0	0	0	0	0	0	7	5.01	3Coil_Towed_Array
2076	1	TDSA5R-10	555882.30	4481006.10	0	0	0	0	0	0	3	215.07	3Coil_Towed_Array
2077	2	TDSA5R-10	555884.10	4481008.95	0	0	0	0	0	0	7	29.97	3Coil_Towed_Array
2078	3	TDSA5R-10	555882.06	4481009.16	0	0	0	0	0	0	7	50.85	3Coil_Towed_Array
2079	4	TDSA5R-10	555882.30	4481010.45	0	0	0	0	0	0	7	48.82	3Coil_Towed_Array
2080	5	TDSA5R-10	555883.65	4481011.05	0	0	0	0	0	0	7	20.96	3Coil_Towed_Array
2081	6	TDSA5R-10	555883.05	4481012.10	0	0	0	0	0	0	7	35.98	3Coil_Towed_Array
2082	7	TDSA5R-10	555881.70	4481013.30	0	0	0	0	0	0	7	23.55	3Coil_Towed_Array
2083	8	TDSA5R-10	555883.65	4481014.05	0	0	0	0	0	0	7	17.17	3Coil_Towed_Array
2084	9	TDSA5R-10	555881.25	4481015.25	0	0	0	0	0	0	7	14.25	3Coil_Towed_Array
2085	10	TDSA5R-10	555883.00	4481015.65	0	0	0	0	0	0	7	26.29	3Coil_Towed_Array
2086	11	TDSA5R-10	555880.58	4481016.65	0	0	0	0	0	0	7	15.25	3Coil_Towed_Array
2087	12	TDSA5R-10	555882.00	4481017.50	0	0	0	0	0	0	7	12.91	3Coil_Towed_Array
2088	13	TDSA5R-10	555879.90	4481017.80	0	0	0	0	0	0	7	51.44	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
2089	14	TDSA5R-10	555881.70	4481018.85	0	0	0	0	0	0	7	38.06	3Coil_Towed_Array
2090	15	TDSA5R-10	555880.35	4481019.00	0	0	0	0	0	0	7	82.88	3Coil_Towed_Array
2091	16	TDSA5R-10	555878.70	4481020.05	0	0	0	0	0	0	7	61.84	3Coil_Towed_Array
2092	17	TDSA5R-10	555880.35	4481020.95	0	0	0	0	0	0	7	40.03	3Coil_Towed_Array
2093	18	TDSA5R-10	555877.95	4481021.70	0	0	0	0	0	0	7	41.53	3Coil_Towed_Array
2094	19	TDSA5R-10	555879.45	4481022.75	0	0	0	0	0	0	7	44.12	3Coil_Towed_Array
2095	20	TDSA5R-10	555876.75	4481023.35	0	0	0	0	0	0	7	42.91	3Coil_Towed_Array
2096	21	TDSA5R-10	555878.55	4481024.25	0	0	0	0	0	0	7	18.50	3Coil_Towed_Array
2097	22	TDSA5R-10	555876.15	4481024.55	0	0	0	0	0	0	7	36.77	3Coil_Towed_Array
2098	23	TDSA5R-10	555877.95	4481025.45	0	0	0	0	0	0	7	38.93	3Coil_Towed_Array
2099	24	TDSA5R-10	555876.80	4481026.80	0	0	0	0	0	0	7	11.54	3Coil_Towed_Array
2100	25	TDSA5R-10	555874.80	4481027.10	0	0	0	0	0	0	7	46.84	3Coil_Towed_Array
2101	26	TDSA5R-10	555876.30	4481028.30	0	0	0	0	0	0	7	25.42	3Coil_Towed_Array
2102	27	TDSA5R-10	555873.94	4481028.44	0	0	0	0	0	0	7	22.43	3Coil_Towed_Array
2103	28	TDSA5R-10	555875.00	4481029.30	0	0	0	0	0	0	7	28.67	3Coil_Towed_Array
2104	29	TDSA5R-10	555873.00	4481030.70	0	0	0	0	0	0	7	34.98	3Coil_Towed_Array
2105	30	TDSA5R-10	555874.80	4481030.85	0	0	0	0	0	0	7	27.52	3Coil_Towed_Array
2106	31	TDSA5R-10	555872.25	4481032.65	0	0	0	0	0	0	7	16.69	3Coil_Towed_Array
2107	32	TDSA5R-10	555873.75	4481032.95	0	0	0	0	0	0	7	25.33	3Coil_Towed_Array
2108	33	TDSA5R-10	555871.05	4481033.55	0	0	0	0	0	0	7	31.41	3Coil_Towed_Array
2109	34	TDSA5R-10	555872.70	4481034.60	0	0	0	0	0	0	7	25.86	3Coil_Towed_Array
2110	35	TDSA5R-10	555870.15	4481035.05	0	0	0	0	0	0	7	4.44	3Coil_Towed_Array
2111	36	TDSA5R-10	555871.95	4481035.95	0	0	0	0	0	0	7	7.31	3Coil_Towed_Array
2112	37	TDSA5R-10	555869.75	4481036.40	0	0	0	0	0	0	7	29.14	3Coil_Towed_Array
2113	38	TDSA5R-10	555871.05	4481037.30	0	0	0	0	0	0	7	21.73	3Coil_Towed_Array
2114	39	TDSA5R-10	555868.80	4481037.85	0	0	0	0	0	0	7	21.17	3Coil_Towed_Array
2115	40	TDSA5R-10	555870.60	4481038.35	0	0	0	0	0	0	7	17.92	3Coil_Towed_Array
2116	41	TDSA5R-10	555867.90	4481039.10	0	0	0	0	0	0	7	21.47	3Coil_Towed_Array
2117	42	TDSA5R-10	555867.30	4481040.15	0	0	0	0	0	0	7	26.76	3Coil_Towed_Array
2118	43	TDSA5R-10	555869.70	4481040.15	0	0	0	0	0	0	7	25.38	3Coil_Towed_Array
2119	44	TDSA5R-10	555869.10	4481041.20	0	0	0	0	0	0	7	29.00	3Coil_Towed_Array
2120	45	TDSA5R-10	555867.00	4481041.65	0	0	0	0	0	0	7	5.92	3Coil_Towed_Array
2121	46	TDSA5R-10	555868.20	4481042.55	0	0	0	0	0	0	7	7.96	3Coil_Towed_Array
2122	47	TDSA5R-10	555865.65	4481043.15	0	0	0	0	0	0	7	10.01	3Coil_Towed_Array
2123	48	TDSA5R-10	555867.30	4481044.20	0	0	0	0	0	0	7	9.52	3Coil_Towed_Array
2124	49	TDSA5R-10	555864.90	4481044.50	0	0	0	0	0	0	7	20.10	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
2125	50	TDSA5R-10	555866.55	4481045.70	0	0	0	0	0	0	7	17.53	3Coil_Towed_Array
2126	51	TDSA5R-10	555864.20	4481047.05	0	0	0	0	0	0	7	11.53	3Coil_Towed_Array
2127	52	TDSA5R-10	555862.95	4481048.25	0	0	0	0	0	0	7	6.23	3Coil_Towed_Array
2128	53	TDSA5R-10	555865.20	4481048.25	0	0	0	0	0	0	7	11.04	3Coil_Towed_Array
2129	54	TDSA5R-10	555863.70	4481049.30	0	0	0	0	0	0	7	8.04	3Coil_Towed_Array
2130	55	TDSA5R-10	555862.05	4481050.00	0	0	0	0	0	0	7	13.13	3Coil_Towed_Array
2131	56	TDSA5R-10	555863.70	4481050.80	0	0	0	0	0	0	7	9.33	3Coil_Towed_Array
2132	57	TDSA5R-10	555862.20	4481051.70	0	0	0	0	0	0	7	6.69	3Coil_Towed_Array
2133	58	TDSA5R-10	555860.70	4481052.15	0	0	0	0	0	0	7	14.29	3Coil_Towed_Array
2134	59	TDSA5R-10	555861.60	4481053.05	0	0	0	0	0	0	7	10.69	3Coil_Towed_Array
2135	60	TDSA5R-10	555859.50	4481054.40	0	0	0	0	0	0	7	10.01	3Coil_Towed_Array
2136	61	TDSA5R-10	555861.00	4481055.00	0	0	0	0	0	0	7	8.08	3Coil_Towed_Array
2137	62	TDSA5R-10	555859.05	4481055.30	0	0	0	0	0	0	7	11.69	3Coil_Towed_Array
2138	63	TDSA5R-10	555860.40	4481056.05	0	0	0	0	0	0	7	7.19	3Coil_Towed_Array
2139	64	TDSA5R-10	555858.15	4481056.65	0	0	0	0	0	0	7	10.86	3Coil_Towed_Array
2140	65	TDSA5R-10	555859.95	4481057.70	0	0	0	0	0	0	7	12.69	3Coil_Towed_Array
2141	66	TDSA5R-10	555856.80	4481059.20	0	0	0	0	0	0	7	7.33	3Coil_Towed_Array
2142	67	TDSA5R-10	555858.60	4481060.25	0	0	0	0	0	0	7	10.61	3Coil_Towed_Array
2143	68	TDSA5R-10	555855.90	4481060.85	0	0	0	0	0	0	7	4.48	3Coil_Towed_Array
2144	69	TDSA5R-10	555857.85	4481061.45	0	0	0	0	0	0	7	7.10	3Coil_Towed_Array
2145	70	TDSA5R-10	555855.30	4481061.90	0	0	0	0	0	0	7	7.60	3Coil_Towed_Array
2146	71	TDSA5R-10	555857.10	4481062.65	0	0	0	0	0	0	7	5.57	3Coil_Towed_Array
2147	72	TDSA5R-10	555854.40	4481063.70	0	0	0	0	0	0	7	4.06	3Coil_Towed_Array
2148	73	TDSA5R-10	555856.20	4481064.45	0	0	0	0	0	0	7	4.80	3Coil_Towed_Array
2149	74	TDSA5R-10	555853.50	4481065.50	0	0	0	0	0	0	7	4.84	3Coil_Towed_Array
2150	75	TDSA5R-10	555855.46	4481065.90	0	0	0	0	0	0	7	4.57	3Coil_Towed_Array
2151	76	TDSA5R-10	555852.75	4481066.55	0	0	0	0	0	0	7	5.55	3Coil_Towed_Array
2152	77	TDSA5R-10	555854.66	4481067.37	0	0	0	0	0	0	7	4.40	3Coil_Towed_Array
2153	78	TDSA5R-10	555851.10	4481069.55	0	0	0	0	0	0	7	6.13	3Coil_Towed_Array
2154	79	TDSA5R-10	555852.75	4481070.60	0	0	0	0	0	0	7	5.05	3Coil_Towed_Array
2155	80	TDSA5R-10	555850.20	4481070.90	0	0	0	0	0	0	7	5.61	3Coil_Towed_Array
2156	81	TDSA5R-10	555852.00	4481071.95	0	0	0	0	0	0	7	5.35	3Coil_Towed_Array
2157	82	TDSA5R-10	555851.09	4481073.34	0	0	0	0	0	0	7	4.41	3Coil_Towed_Array
2158	83	TDSA5R-10	555847.65	4481077.05	0	0	0	0	0	0	7	4.15	3Coil_Towed_Array
2159	84	TDSA5R-10	555845.10	4481080.05	0	0	0	0	0	0	7	4.01	3Coil_Towed_Array
2160	85	TDSA5R-10	555841.97	4481087.56	0	0	0	0	0	0	7	4.03	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
2161	86	TDSA5R-10	555838.20	4481092.50	0	0	0	0	0	0	7	4.40	3Coil_Towed_Array
2162	87	TDSA5R-10	555838.59	4481094.12	0	0	0	0	0	0	7	4.08	3Coil_Towed_Array
2163	88	TDSA5R-10	555836.70	4481095.95	0	0	0	0	0	0	7	5.56	3Coil_Towed_Array
2164	89	TDSA5R-10	555838.35	4481096.85	0	0	0	0	0	0	7	5.60	3Coil_Towed_Array
2165	90	TDSA5R-10	555834.30	4481099.85	0	0	0	0	0	0	7	4.97	3Coil_Towed_Array
2166	91	TDSA5R-10	555835.95	4481101.05	0	0	0	0	0	0	7	4.61	3Coil_Towed_Array
2167	92	TDSA5R-10	555833.00	4481102.48	0	0	0	0	0	0	7	4.84	3Coil_Towed_Array
2168	93	TDSA5R-10	555834.71	4481103.54	0	0	0	0	0	0	7	4.04	3Coil_Towed_Array
2169	94	TDSA5R-10	555831.15	4481105.40	0	0	0	0	0	0	7	4.83	3Coil_Towed_Array
2170	95	TDSA5R-10	555830.22	4481107.14	0	0	0	0	0	0	7	4.05	3Coil_Towed_Array
2171	96	TDSA5R-10	555828.60	4481111.70	0	0	0	0	0	0	7	4.69	3Coil_Towed_Array
2172	97	TDSA5R-10	555826.80	4481113.20	0	0	0	0	0	0	7	5.50	3Coil_Towed_Array
2173	98	TDSA5R-10	555817.70	4481129.10	0	0	0	0	0	0	7	5.52	3Coil_Towed_Array
2174	99	TDSA5R-10	555817.20	4481131.50	0	0	0	0	0	0	7	4.10	3Coil_Towed_Array
2175	100	TDSA5R-10	555816.60	4481132.70	0	0	0	0	0	0	7	5.44	3Coil_Towed_Array
2176	101	TDSA5R-10	555808.73	4481147.14	0	0	0	0	0	0	7	4.02	3Coil_Towed_Array
2177	102	TDSA5R-10	555807.60	4481151.45	0	0	0	0	0	0	7	5.92	3Coil_Towed_Array
2178	103	TDSA5R-10	555805.65	4481151.60	0	0	0	0	0	0	7	4.00	3Coil_Towed_Array
2179	1	TDSA5R-11	555975.95	4481013.90	0	0	0	0	0	0	1	70.76	3Coil_Towed_Array
2180	2	TDSA5R-11	555976.05	4481015.70	0	0	0	0	0	0	1	471.65	3Coil_Towed_Array
2181	3	TDSA5R-11	555974.25	4481017.35	0	0	0	0	0	0	1	24.31	3Coil_Towed_Array
2182	4	TDSA5R-11	555975.90	4481018.55	0	0	0	0	0	0	7	11.79	3Coil_Towed_Array
2183	5	TDSA5R-11	555973.20	4481020.05	0	0	0	0	0	0	7	4.82	3Coil_Towed_Array
2184	6	TDSA5R-11	555975.00	4481020.65	0	0	0	0	0	0	7	4.79	3Coil_Towed_Array
2185	7	TDSA5R-11	555974.10	4481021.40	0	0	0	0	0	0	7	5.36	3Coil_Towed_Array
2186	8	TDSA5R-11	555969.67	4481028.77	0	0	0	0	0	0	7	5.41	3Coil_Towed_Array
2187	9	TDSA5R-11	555969.10	4481029.80	0	0	0	0	0	0	7	5.41	3Coil_Towed_Array
2188	10	TDSA5R-11	555971.10	4481030.40	0	0	0	0	0	0	1	9.96	3Coil_Towed_Array
2189	11	TDSA5R-11	555968.40	4481032.20	0	0	0	0	0	0	1	41.38	3Coil_Towed_Array
2190	12	TDSA5R-11	555970.35	4481032.65	0	0	0	0	0	0	7	7.49	3Coil_Towed_Array
2191	13	TDSA5R-11	555967.55	4481033.88	0	0	0	0	0	0	7	4.72	3Coil_Towed_Array
2192	14	TDSA5R-11	555969.15	4481034.82	0	0	0	0	0	0	7	4.73	3Coil_Towed_Array
2193	15	TDSA5R-11	555968.70	4481036.25	0	0	0	0	0	0	7	4.27	3Coil_Towed_Array
2194	16	TDSA5R-11	555967.35	4481036.70	0	0	0	0	0	0	7	5.14	3Coil_Towed_Array
2195	17	TDSA5R-11	555966.75	4481037.60	0	0	0	0	0	0	7	4.57	3Coil_Towed_Array
2196	18	TDSA5R-11	555964.49	4481040.32	0	0	0	0	0	0	7	4.54	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
2197	19	TDSA5R-11	555966.45	4481040.60	0	0	0	0	0	0	7	4.72	3Coil_Towed_Array
2198	20	TDSA5R-11	555963.99	4481041.69	0	0	0	0	0	0	7	5.22	3Coil_Towed_Array
2199	21	TDSA5R-11	555965.85	4481042.25	0	0	0	0	0	0	7	5.03	3Coil_Towed_Array
2200	22	TDSA5R-11	555962.54	4481051.31	0	0	0	0	0	0	7	4.14	3Coil_Towed_Array
2201	23	TDSA5R-11	555961.60	4481054.91	0	0	0	0	0	0	7	4.67	3Coil_Towed_Array
2202	24	TDSA5R-11	555960.90	4481058.15	0	0	0	0	0	0	7	4.94	3Coil_Towed_Array
2203	25	TDSA5R-11	555958.43	4481059.61	0	0	0	0	0	0	7	4.06	3Coil_Towed_Array
2204	26	TDSA5R-11	555957.15	4481064.00	0	0	0	0	0	0	7	5.15	3Coil_Towed_Array
2205	27	TDSA5R-11	555959.10	4481064.45	0	0	0	0	0	0	7	4.25	3Coil_Towed_Array
2206	28	TDSA5R-11	555952.05	4481086.05	0	0	0	0	0	0	7	5.32	3Coil_Towed_Array
2207	29	TDSA5R-11	555925.50	4481113.20	0	0	0	0	0	0	7	6.04	3Coil_Towed_Array
2208	30	TDSA5R-11	555921.30	4481134.95	0	0	0	0	0	0	7	6.65	3Coil_Towed_Array
2209	1	TDSA5R-12	556044.30	4481095.80	0	0	0	0	0	0	1	7.91	3Coil_Towed_Array
2210	2	TDSA5R-12	556040.55	4481112.75	0	0	0	0	0	0	7	6.70	3Coil_Towed_Array
2211	3	TDSA5R-12	556040.31	4481114.11	0	0	0	0	0	0	1	16.85	3Coil_Towed_Array
2212	4	TDSA5R-12	556041.60	4481115.10	0	0	0	0	0	0	1	277.65	3Coil_Towed_Array
2213	5	TDSA5R-12	556040.04	4481117.83	0	0	0	0	0	0	1	35.42	3Coil_Towed_Array
2214	6	TDSA5R-12	556038.76	4481127.25	0	0	0	0	0	0	1	39.83	3Coil_Towed_Array
2215	7	TDSA5R-12	556038.00	4481129.55	0	0	0	0	0	0	1	37.12	3Coil_Towed_Array
2216	8	TDSA5R-12	556037.10	4481136.00	0	0	0	0	0	0	1	60.16	3Coil_Towed_Array
2217	9	TDSA5R-12	556036.50	4481149.50	0	0	0	0	0	0	1	55.58	3Coil_Towed_Array
2218	10	TDSA5R-12	556030.05	4481170.95	0	0	0	0	0	0	7	4.59	3Coil_Towed_Array
2219	11	TDSA5R-12	556029.29	4481176.16	0	0	0	0	0	0	1	29.27	3Coil_Towed_Array
2220	12	TDSA5R-12	556029.09	4481178.08	0	0	0	0	0	0	1	12.66	3Coil_Towed_Array
2221	13	TDSA5R-12	556028.85	4481184.00	0	0	0	0	0	0	7	13.60	3Coil_Towed_Array
2222	14	TDSA5R-12	556029.30	4481190.75	0	0	0	0	0	0	7	7.19	3Coil_Towed_Array
2223	15	TDSA5R-12	556031.95	4481217.01	0	0	0	0	0	0	1	79.25	3Coil_Towed_Array
2224	1	TDSA5R-13	556100.85	4481231.40	0	0	0	0	0	0	7	4.75	3Coil_Towed_Array
2225	2	TDSA5R-13	556098.00	4481237.10	0	0	0	0	0	0	7	5.29	3Coil_Towed_Array
2226	1	TDSA5R-14	556193.10	4481270.10	0	0	0	0	0	0	1	32.46	3Coil_Towed_Array
2227	1	TDSA5R-16	556404.31	4481303.77	0	0	0	0	0	0	1	14.93	3Coil_Towed_Array
2228	1	TDSA5R-17	556587.30	4481127.30	0	0	0	0	0	0	1	8.78	3Coil_Towed_Array
2229	2	TDSA5R-17	556585.96	4481129.63	0	0	0	0	0	0	1	4.80	3Coil_Towed_Array
2230	3	TDSA5R-17	556539.00	4481255.40	0	0	0	0	0	0	7	4.96	3Coil_Towed_Array
2231	1	TDSA5R-18	556616.10	4481336.70	0	0	0	0	0	0	7	4.52	3Coil_Towed_Array
2232	1	TDSA5R-19	556703.70	4481410.95	0	0	0	0	0	0	1	69.50	3Coil_Towed_Array

2014 Master Towed Array Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
2233	1	TDSA5R-20	556826.10	4481361.00	0	0	0	0	0	0	1	11.02	3Coil_Towed_Array
2234	2	TDSA5R-20	556823.40	4481372.25	0	0	0	0	0	0	1	5.24	3Coil_Towed_Array
2235	1	TDSA5R-21A	556910.85	4481425.65	0	0	0	0	0	0	1	5.52	3Coil_Towed_Array
2236	2	TDSA5R-21A	556909.53	4481433.45	0	0	0	0	0	0	1	10.18	3Coil_Towed_Array
2237	1	TDSA5R-22A	557125.95	4481204.55	0	0	0	0	0	0	7	6.22	3Coil_Towed_Array
2238	2	TDSA5R-22A	557072.51	4481271.91	0	0	0	0	0	0	1	4.42	3Coil_Towed_Array
2239	3	TDSA5R-22A	557072.40	4481273.25	0	0	0	0	0	0	1	4.27	3Coil_Towed_Array
2240	4	TDSA5R-22A	557069.85	4481275.80	0	0	0	0	0	0	7	4.49	3Coil_Towed_Array
2241	5	TDSA5R-22A	557067.75	4481286.45	0	0	0	0	0	0	7	5.25	3Coil_Towed_Array
2242	6	TDSA5R-22A	557064.90	4481290.50	0	0	0	0	0	0	7	6.50	3Coil_Towed_Array
2243	7	TDSA5R-22A	557005.35	4481544.75	0	0	0	0	0	0	1	82.27	3Coil_Towed_Array
2244	8	TDSA5R-22A	557004.10	4481544.98	0	0	0	0	0	0	1	17.65	3Coil_Towed_Array
2245	9	TDSA5R-22A	557004.06	4481557.74	0	0	0	0	0	0	1	18.14	3Coil_Towed_Array
2246	10	TDSA5R-22A	557002.95	4481557.80	0	0	0	0	0	0	1	5.40	3Coil_Towed_Array
2247	11	TDSA5R-22A	557004.75	4481558.55	0	0	0	0	0	0	1	82.59	3Coil_Towed_Array
2248	1	TDSA5R-23	557165.14	4481391.41	0	0	0	0	0	0	7	4.03	3Coil_Towed_Array
2249	1	TDSA5R-24	557257.80	4481317.20	0	0	0	0	0	0	1	6.71	3Coil_Towed_Array
2250	2	TDSA5R-24	557245.80	4481358.30	0	0	0	0	0	0	7	4.67	3Coil_Towed_Array
2251	3	TDSA5R-24	557231.85	4481430.45	0	0	0	0	0	0	7	4.67	3Coil_Towed_Array
2252	4	TDSA5R-24	557229.22	4481445.04	0	0	0	0	0	0	7	3.98	3Coil_Towed_Array
2253	5	TDSA5R-24	557228.80	4481447.65	0	0	0	0	0	0	7	4.80	3Coil_Towed_Array
2254	6	TDSA5R-24	557224.41	4481457.97	0	0	0	0	0	0	1	10.97	3Coil_Towed_Array
		T12TR-24									NO TARGETS		3Coil_Towed_Array
		T12TR-25									NO TARGETS		3Coil_Towed_Array
		T30DSA5R-1									NO TARGETS		3Coil_Towed_Array
		T30DSA5R-3									NO TARGETS		3Coil_Towed_Array
		TDSA1R-1									NO TARGETS		3Coil_Towed_Array
		TDSA3R-1									NO TARGETS		3Coil_Towed_Array
		TDSA3R-12									NO TARGETS		3Coil_Towed_Array
		TDSA5R-15									NO TARGETS		3Coil_Towed_Array
		TDSA5R-21									NO TARGETS		3Coil_Towed_Array
		TDSA5R-22									NO TARGETS		3Coil_Towed_Array
		TDSA2R-10									NO TARGETS		3Coil_Towed_Array

2013 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
1	1	T10-1	554256.46	4483232.47	0	0	0	0	0	0	1	76.50	Person_Portable
2	2	T10-1	554257.34	4483233.19	0	0	0	0	0	0	1	7.87	Person_Portable
3	3	T10-1	554258.66	4483234.29	0	0	0	0	0	0	1	4.25	Person_Portable
4	4	T10-1	554259.76	4483235.20	0	0	0	0	0	0	1	5.66	Person_Portable
5	5	T10-1	554262.04	4483237.08	0	0	0	0	0	0	1	5.55	Person_Portable
6	6	T10-1	554277.79	4483250.51	0	0	0	0	0	0	1	5.38	Person_Portable
7	7	T10-1	554278.79	4483251.38	0	0	0	0	0	0	1	13.24	Person_Portable
8	8	T10-1	554296.86	4483267.41	0	0	0	0	0	0	1	5.22	Person_Portable
9	9	T10-1	554301.43	4483271.74	0	0	0	0	0	0	1	4.11	Person_Portable
10	10	T10-1	554304.31	4483274.06	0	0	0	0	0	0	1	4.80	Person_Portable
11	11	T10-1	554311.69	4483278.74	0	0	0	0	0	0	1	5.40	Person_Portable
12	12	T10-1	554321.60	4483285.54	0	0	0	0	0	0	7	7.06	Person_Portable
13	13	T10-1	554329.49	4483291.27	0	0	0	0	0	0	1	8.06	Person_Portable
14	14	T10-1	554334.26	4483294.89	0	0	0	0	0	0	1	6.75	Person_Portable
15	15	T10-1	554344.40	4483301.84	0	0	0	0	0	0	1	14.57	Person_Portable
16	16	T10-1	554346.07	4483302.93	0	0	0	0	0	0	1	22.25	Person_Portable
17	17	T10-1	554347.50	4483303.87	0	0	0	0	0	0	1	4.36	Person_Portable
18	18	T10-1	554348.62	4483304.60	0	0	0	0	0	0	1	10.79	Person_Portable
19	19	T10-1	554351.00	4483306.79	0	0	0	0	0	0	1	11.08	Person_Portable
20	20	T10-1	554352.33	4483308.17	0	0	0	0	0	0	1	22.84	Person_Portable
21	21	T10-1	554354.47	4483310.38	0	0	0	0	0	0	1	5.23	Person_Portable
22	22	T10-1	554355.47	4483311.42	0	0	0	0	0	0	1	43.58	Person_Portable
23	23	T10-1	554356.74	4483312.73	0	0	0	0	0	0	1	103.47	Person_Portable
24	24	T10-1	554357.80	4483313.83	0	0	0	0	0	0	1	50.14	Person_Portable
25	25	T10-1	554359.07	4483315.14	0	0	0	0	0	0	1	53.76	Person_Portable
26	26	T10-1	554361.42	4483317.57	0	0	0	0	0	0	1	26.42	Person_Portable
27	27	T10-1	554363.66	4483319.86	0	0	0	0	0	0	1	109.92	Person_Portable
28	28	T10-1	554365.36	4483321.59	0	0	0	0	0	0	1	59.62	Person_Portable
29	29	T10-1	554366.72	4483322.98	0	0	0	0	0	0	1	31.13	Person_Portable
30	30	T10-1	554368.15	4483324.44	0	0	0	0	0	0	1	62.82	Person_Portable
31	31	T10-1	554368.89	4483325.20	0	0	0	0	0	0	1	50.80	Person_Portable
32	32	T10-1	554369.91	4483326.25	0	0	0	0	0	0	1	18.12	Person_Portable
33	33	T10-1	554371.20	4483327.56	0	0	0	0	0	0	1	23.48	Person_Portable
34	34	T10-1	554372.78	4483330.30	0	0	0	0	0	0	1	12.33	Person_Portable
35	35	T10-1	554373.93	4483332.51	0	0	0	0	0	0	1	5.65	Person_Portable
36	36	T10-1	554378.10	4483336.16	0	0	0	0	0	0	1	12.35	Person_Portable
37	37	T10-1	554379.85	4483337.34	0	0	0	0	0	0	1	6.45	Person_Portable

2013 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
38	38	T10-1	554382.48	4483339.12	0	0	0	0	0	0	1	37.22	Person_Portable
39	39	T10-1	554383.28	4483339.66	0	0	0	0	0	0	1	42.72	Person_Portable
40	40	T10-1	554385.98	4483341.49	0	0	0	0	0	0	1	8.18	Person_Portable
41	41	T10-1	554387.81	4483342.73	0	0	0	0	0	0	1	5.57	Person_Portable
42	42	T10-1	554392.17	4483345.88	0	0	0	0	0	0	1	11.07	Person_Portable
43	43	T10-1	554393.71	4483347.18	0	0	0	0	0	0	1	139.05	Person_Portable
44	44	T10-1	554395.47	4483348.67	0	0	0	0	0	0	1	49.71	Person_Portable
45	45	T10-1	554396.43	4483349.47	0	0	0	0	0	0	1	19.17	Person_Portable
46	46	T10-1	554397.53	4483350.40	0	0	0	0	0	0	1	7.62	Person_Portable
47	47	T10-1	554399.29	4483351.89	0	0	0	0	0	0	1	5.25	Person_Portable
48	48	T10-1	554400.10	4483352.57	0	0	0	0	0	0	1	10.92	Person_Portable
49	49	T10-1	554400.91	4483353.25	0	0	0	0	0	0	1	17.95	Person_Portable
50	50	T10-1	554402.89	4483354.93	0	0	0	0	0	0	1	7.45	Person_Portable
51	51	T10-1	554405.83	4483357.41	0	0	0	0	0	0	1	10.62	Person_Portable
52	52	T10-1	554406.78	4483358.21	0	0	0	0	0	0	1	7.62	Person_Portable
53	53	T10-1	554409.79	4483360.75	0	0	0	0	0	0	1	141.09	Person_Portable
54	1	T10-2	554250.44	4483239.37	0	0	0	0	0	0	1	15.65	Person_Portable
55	2	T10-2	554251.61	4483240.24	0	0	0	0	0	0	1	4.39	Person_Portable
56	3	T10-2	554263.08	4483248.73	0	0	0	0	0	0	7	6.39	Person_Portable
57	4	T10-2	554274.80	4483258.68	0	0	0	0	0	0	1	4.75	Person_Portable
58	5	T10-2	554275.46	4483259.39	0	0	0	0	0	0	1	4.02	Person_Portable
59	6	T10-2	554324.86	4483302.68	0	0	0	0	0	0	1	7.76	Person_Portable
60	7	T10-2	554327.16	4483304.58	0	0	0	0	0	0	1	8.24	Person_Portable
61	8	T10-2	554330.47	4483306.38	0	0	0	0	0	0	1	4.36	Person_Portable
62	9	T10-2	554348.13	4483325.18	0	0	0	0	0	0	1	5.31	Person_Portable
63	10	T10-2	554354.54	4483329.06	0	0	0	0	0	0	1	19.50	Person_Portable
64	11	T10-2	554359.14	4483331.84	0	0	0	0	0	0	1	11.48	Person_Portable
65	12	T10-2	554363.32	4483334.38	0	0	0	0	0	0	1	13.31	Person_Portable
66	13	T10-2	554364.95	4483335.40	0	0	0	0	0	0	1	13.61	Person_Portable
67	14	T10-2	554366.11	4483336.41	0	0	0	0	0	0	1	4.31	Person_Portable
68	15	T10-2	554372.72	4483342.18	0	0	0	0	0	0	1	15.26	Person_Portable
69	16	T10-2	554373.89	4483343.19	0	0	0	0	0	0	1	6.87	Person_Portable
70	17	T10-2	554374.98	4483344.14	0	0	0	0	0	0	1	23.77	Person_Portable
71	18	T10-2	554376.14	4483345.15	0	0	0	0	0	0	1	9.10	Person_Portable
72	19	T10-2	554377.38	4483346.23	0	0	0	0	0	0	1	6.76	Person_Portable
73	20	T10-2	554387.67	4483355.18	0	0	0	0	0	0	1	11.06	Person_Portable
74	21	T10-2	554391.20	4483358.24	0	0	0	0	0	0	1	17.92	Person_Portable

2013 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
75	22	T10-2	554394.52	4483361.12	0	0	0	0	0	0	1	8.34	Person_Portable
76	23	T10-2	554396.26	4483362.62	0	0	0	0	0	0	1	18.38	Person_Portable
77	24	T10-2	554398.64	4483364.68	0	0	0	0	0	0	1	8.87	Person_Portable
78	25	T10-2	554400.88	4483366.62	0	0	0	0	0	0	1	10.84	Person_Portable
79	26	T10-2	554402.54	4483368.06	0	0	0	0	0	0	1	17.44	Person_Portable
80	1	T10-3	554245.47	4483248.31	0	0	0	0	0	0	1	10.88	Person_Portable
81	2	T10-3	554287.78	4483284.12	0	0	0	0	0	0	1	15.17	Person_Portable
82	3	T10-3	554303.83	4483295.33	0	0	0	0	0	0	1	6.19	Person_Portable
83	4	T10-3	554306.16	4483297.32	0	0	0	0	0	0	1	4.92	Person_Portable
84	5	T10-3	554330.93	4483320.28	0	0	0	0	0	0	1	5.56	Person_Portable
85	6	T10-3	554334.85	4483324.86	0	0	0	0	0	0	1	4.70	Person_Portable
86	7	T10-3	554335.42	4483325.53	0	0	0	0	0	0	1	6.30	Person_Portable
87	8	T10-3	554338.07	4483328.63	0	0	0	0	0	0	1	4.75	Person_Portable
88	9	T10-3	554339.97	4483330.85	0	0	0	0	0	0	1	4.36	Person_Portable
89	10	T10-3	554342.08	4483331.69	0	0	0	0	0	0	1	7.67	Person_Portable
90	11	T10-3	554347.93	4483333.41	0	0	0	0	0	0	1	222.27	Person_Portable
91	12	T10-3	554355.63	4483339.62	0	0	0	0	0	0	1	10.36	Person_Portable
92	13	T10-3	554358.30	4483341.77	0	0	0	0	0	0	1	10.05	Person_Portable
93	14	T10-3	554360.15	4483343.27	0	0	0	0	0	0	1	32.07	Person_Portable
94	15	T10-3	554361.26	4483344.16	0	0	0	0	0	0	1	4.69	Person_Portable
95	16	T10-3	554364.24	4483346.58	0	0	0	0	0	0	1	10.29	Person_Portable
96	17	T10-3	554368.05	4483349.68	0	0	0	0	0	0	1	25.33	Person_Portable
97	18	T10-3	554369.39	4483350.77	0	0	0	0	0	0	1	34.27	Person_Portable
98	19	T10-3	554372.01	4483352.90	0	0	0	0	0	0	1	45.33	Person_Portable
99	20	T10-3	554372.83	4483353.57	0	0	0	0	0	0	1	44.13	Person_Portable
100	21	T10-3	554374.02	4483354.54	0	0	0	0	0	0	1	19.57	Person_Portable
101	22	T10-3	554378.28	4483358.00	0	0	0	0	0	0	1	18.22	Person_Portable
102	23	T10-3	554379.40	4483358.91	0	0	0	0	0	0	1	13.85	Person_Portable
103	24	T10-3	554381.98	4483361.07	0	0	0	0	0	0	1	88.77	Person_Portable
104	25	T10-3	554383.85	4483363.36	0	0	0	0	0	0	1	32.38	Person_Portable
105	26	T10-3	554384.82	4483364.54	0	0	0	0	0	0	1	102.67	Person_Portable
106	27	T10-3	554386.21	4483366.24	0	0	0	0	0	0	1	150.36	Person_Portable
107	28	T10-3	554387.11	4483367.35	0	0	0	0	0	0	1	125.46	Person_Portable
108	29	T10-3	554388.23	4483368.54	0	0	0	0	0	0	1	52.54	Person_Portable
109	30	T10-3	554389.39	4483369.71	0	0	0	0	0	0	1	159.59	Person_Portable
110	31	T10-3	554392.67	4483373.01	0	0	0	0	0	0	1	25.59	Person_Portable
111	32	T10-3	554395.14	4483375.49	0	0	0	0	0	0	1	63.15	Person_Portable

2013 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
112	33	T10-3	554396.37	4483376.73	0	0	0	0	0	0	1	14.80	Person_Portable
113	1	T10-4	554238.96	4483254.95	0	0	0	0	0	0	1	205.53	Person_Portable
114	2	T10-4	554246.89	4483261.06	0	0	0	0	0	0	7	4.09	Person_Portable
115	3	T10-4	554262.53	4483274.72	0	0	0	0	0	0	1	19.23	Person_Portable
116	4	T10-4	554295.51	4483302.35	0	0	0	0	0	0	1	5.32	Person_Portable
117	5	T10-4	554324.56	4483323.53	0	0	0	0	0	0	1	54.04	Person_Portable
118	6	T10-4	554326.62	4483325.65	0	0	0	0	0	0	1	8.59	Person_Portable
119	7	T10-4	554332.29	4483331.34	0	0	0	0	0	0	1	5.07	Person_Portable
120	8	T10-4	554338.22	4483336.87	0	0	0	0	0	0	1	15.47	Person_Portable
121	9	T10-4	554341.61	4483340.03	0	0	0	0	0	0	1	5.25	Person_Portable
122	10	T10-4	554350.93	4483348.15	0	0	0	0	0	0	1	4.68	Person_Portable
123	11	T10-4	554364.29	4483359.27	0	0	0	0	0	0	1	16.18	Person_Portable
124	12	T10-4	554366.72	4483361.33	0	0	0	0	0	0	1	8.58	Person_Portable
125	13	T10-4	554368.93	4483363.20	0	0	0	0	0	0	1	5.98	Person_Portable
126	14	T10-4	554375.92	4483369.13	0	0	0	0	0	0	1	14.03	Person_Portable
127	15	T10-4	554379.46	4483372.12	0	0	0	0	0	0	1	8.09	Person_Portable
128	16	T10-4	554385.23	4483378.58	0	0	0	0	0	0	1	4.50	Person_Portable
129	17	T10-4	554390.13	4483384.27	0	0	0	0	0	0	1	17.24	Person_Portable
130	1	T10-5	554245.15	4483276.43	0	0	0	0	0	0	1	47.03	Person_Portable
131	2	T10-5	554256.03	4483284.30	0	0	0	0	0	0	1	21.68	Person_Portable
132	3	T10-5	554261.31	4483288.11	0	0	0	0	0	0	7	9.25	Person_Portable
133	4	T10-5	554300.06	4483319.46	0	0	0	0	0	0	1	5.27	Person_Portable
134	5	T10-5	554319.89	4483335.37	0	0	0	0	0	0	1	5.73	Person_Portable
135	6	T10-5	554324.11	4483338.53	0	0	0	0	0	0	1	4.12	Person_Portable
136	7	T10-5	554331.25	4483346.03	0	0	0	0	0	0	1	5.06	Person_Portable
137	8	T10-5	554332.50	4483347.87	0	0	0	0	0	0	1	4.53	Person_Portable
138	9	T10-5	554340.31	4483354.27	0	0	0	0	0	0	1	5.28	Person_Portable
139	10	T10-5	554359.97	4483370.36	0	0	0	0	0	0	1	8.49	Person_Portable
140	11	T10-5	554361.51	4483372.22	0	0	0	0	0	0	1	4.83	Person_Portable
141	12	T10-5	554362.62	4483373.56	0	0	0	0	0	0	1	7.72	Person_Portable
142	13	T10-5	554363.72	4483374.90	0	0	0	0	0	0	1	4.32	Person_Portable
143	14	T10-5	554368.97	4483380.04	0	0	0	0	0	0	1	5.06	Person_Portable
144	15	T10-5	554373.37	4483382.96	0	0	0	0	0	0	1	4.49	Person_Portable
145	16	T10-5	554377.78	4483385.87	0	0	0	0	0	0	1	6.13	Person_Portable
146	17	T10-5	554381.94	4483388.63	0	0	0	0	0	0	1	4.85	Person_Portable
147	18	T10-5	554385.38	4483390.91	0	0	0	0	0	0	1	37.43	Person_Portable
148	1	T10-6	554256.37	4483295.24	0	0	0	0	0	0	1	4.82	Person_Portable

2013 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
149	2	T10-6	554259.17	4483297.70	0	0	0	0	0	0	1	5.38	Person_Portable
150	3	T10-6	554266.27	4483303.93	0	0	0	0	0	0	1	4.56	Person_Portable
151	4	T10-6	554298.03	4483333.69	0	0	0	0	0	0	1	4.40	Person_Portable
152	5	T10-6	554331.64	4483360.84	0	0	0	0	0	0	1	4.14	Person_Portable
153	6	T10-6	554332.50	4483361.75	0	0	0	0	0	0	1	4.99	Person_Portable
154	7	T10-6	554355.59	4483378.70	0	0	0	0	0	0	1	8.27	Person_Portable
155	8	T10-6	554358.20	4483382.14	0	0	0	0	0	0	1	8.36	Person_Portable
156	9	T10-6	554377.27	4483399.28	0	0	0	0	0	0	1	10.03	Person_Portable
157	10	T10-6	554378.08	4483399.98	0	0	0	0	0	0	1	33.00	Person_Portable
158	1	T10-7	554264.39	4483314.93	0	0	0	0	0	0	1	59.64	Person_Portable
159	2	T10-7	554270.16	4483319.27	0	0	0	0	0	0	1	4.72	Person_Portable
160	3	T10-7	554272.08	4483320.71	0	0	0	0	0	0	1	15.00	Person_Portable
161	4	T10-7	554275.01	4483322.91	0	0	0	0	0	0	1	14.77	Person_Portable
162	5	T10-7	554277.85	4483325.05	0	0	0	0	0	0	1	10.98	Person_Portable
163	6	T10-7	554291.33	4483335.56	0	0	0	0	0	0	1	6.66	Person_Portable
164	7	T10-7	554306.53	4483349.18	0	0	0	0	0	0	1	4.83	Person_Portable
165	8	T10-7	554314.91	4483357.50	0	0	0	0	0	0	1	4.04	Person_Portable
166	9	T10-7	554322.22	4483364.25	0	0	0	0	0	0	1	6.89	Person_Portable
167	10	T10-7	554329.40	4483370.72	0	0	0	0	0	0	1	5.06	Person_Portable
168	11	T10-7	554372.95	4483407.14	0	0	0	0	0	0	1	94.77	Person_Portable
169	1	T10-8	554273.62	4483337.00	0	0	0	0	0	0	1	208.46	Person_Portable
170	2	T10-8	554274.76	4483338.01	0	0	0	0	0	0	1	80.88	Person_Portable
171	3	T10-8	554286.34	4483348.29	0	0	0	0	0	0	1	7.84	Person_Portable
172	4	T10-8	554289.62	4483351.21	0	0	0	0	0	0	1	6.20	Person_Portable
173	5	T10-8	554303.54	4483363.88	0	0	0	0	0	0	1	13.88	Person_Portable
174	6	T10-8	554305.33	4483365.52	0	0	0	0	0	0	1	4.57	Person_Portable
175	7	T10-8	554310.22	4483369.97	0	0	0	0	0	0	1	5.07	Person_Portable
176	8	T10-8	554318.61	4483376.97	0	0	0	0	0	0	1	33.54	Person_Portable
177	9	T10-8	554319.88	4483378.03	0	0	0	0	0	0	1	4.38	Person_Portable
178	10	T10-8	554324.90	4483382.22	0	0	0	0	0	0	1	581.61	Person_Portable
179	11	T10-8	554331.04	4483387.00	0	0	0	0	0	0	1	4.67	Person_Portable
180	12	T10-8	554335.33	4483389.82	0	0	0	0	0	0	1	6.03	Person_Portable
181	13	T10-8	554346.33	4483397.06	0	0	0	0	0	0	1	10.26	Person_Portable
182	14	T10-8	554352.57	4483402.54	0	0	0	0	0	0	1	7.70	Person_Portable
183	15	T10-8	554363.32	4483412.26	0	0	0	0	0	0	1	4.76	Person_Portable
184	16	T10-8	554366.97	4483413.96	0	0	0	0	0	0	1	18.51	Person_Portable
185	1	T10-9	554282.92	4483357.64	0	0	0	0	0	0	1	27.95	Person_Portable

2013 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
186	2	T10-9	554293.17	4483366.68	0	0	0	0	0	0	1	16.43	Person_Portable
187	3	T10-9	554296.82	4483369.90	0	0	0	0	0	0	1	4.67	Person_Portable
188	4	T10-9	554298.49	4483371.37	0	0	0	0	0	0	1	5.46	Person_Portable
189	5	T10-9	554301.44	4483373.99	0	0	0	0	0	0	1	4.84	Person_Portable
190	6	T10-9	554302.76	4483375.30	0	0	0	0	0	0	1	5.85	Person_Portable
191	7	T10-9	554305.40	4483377.91	0	0	0	0	0	0	1	7.00	Person_Portable
192	8	T10-9	554309.23	4483381.70	0	0	0	0	0	0	1	8.84	Person_Portable
193	9	T10-9	554310.68	4483383.15	0	0	0	0	0	0	1	7.82	Person_Portable
194	10	T10-9	554312.28	4483384.74	0	0	0	0	0	0	1	5.02	Person_Portable
195	11	T10-9	554313.12	4483385.56	0	0	0	0	0	0	1	6.15	Person_Portable
196	12	T10-9	554315.62	4483388.05	0	0	0	0	0	0	1	6.59	Person_Portable
197	13	T10-9	554318.33	4483390.73	0	0	0	0	0	0	1	4.31	Person_Portable
198	14	T10-9	554319.59	4483391.14	0	0	0	0	0	0	1	4.42	Person_Portable
199	15	T10-9	554327.40	4483396.83	0	0	0	0	0	0	1	5.27	Person_Portable
200	16	T10-9	554329.15	4483398.06	0	0	0	0	0	0	1	4.24	Person_Portable
201	17	T10-9	554331.21	4483399.50	0	0	0	0	0	0	1	6.54	Person_Portable
202	18	T10-9	554335.81	4483402.73	0	0	0	0	0	0	1	4.28	Person_Portable
203	19	T10-9	554340.64	4483406.13	0	0	0	0	0	0	1	7.47	Person_Portable
204	20	T10-9	554346.60	4483411.18	0	0	0	0	0	0	1	10.26	Person_Portable
205	21	T10-9	554349.25	4483413.49	0	0	0	0	0	0	1	11.08	Person_Portable
206	22	T10-9	554354.62	4483418.16	0	0	0	0	0	0	1	4.62	Person_Portable
207	23	T10-9	554358.35	4483421.41	0	0	0	0	0	0	1	7.58	Person_Portable
208	24	T10-9	554359.21	4483422.15	0	0	0	0	0	0	1	17.43	Person_Portable
209	25	T10-9	554360.36	4483423.15	0	0	0	0	0	0	1	71.34	Person_Portable
210	1	T3DSA1-1	557088.02	4483595.60	0	0	0	0	0	0	3	874.54	Person_Portable
211	2	T3DSA1-1	557086.83	4483597.31	0	0	0	0	0	0	3	1019.51	Person_Portable
212	1	T3DSA1-2	557100.10	4483578.50	0	0	0	0	0	0	1	4.47	Person_Portable
213	2	T3DSA1-2	557090.84	4483593.98	0	0	0	0	0	0	1	6.07	Person_Portable
214	3	T3DSA1-2	557088.93	4483597.96	0	0	0	0	0	0	3	1025.24	Person_Portable
215	4	T3DSA1-2	557087.98	4483599.83	0	0	0	0	0	0	3	1460.07	Person_Portable
216	1	T3DSA1-3	557102.85	4483583.84	0	0	0	0	0	0	1	5.39	Person_Portable
217	2	T3DSA1-3	557092.61	4483603.88	0	0	0	0	0	0	3	1294.62	Person_Portable
218	3	T3DSA1-3	557090.78	4483607.27	0	0	0	0	0	0	3	3360.75	Person_Portable
219	1	T3DSA1-4	557103.12	4483589.29	0	0	0	0	0	0	1	5.27	Person_Portable
220	2	T3DSA1-4	557096.17	4483602.55	0	0	0	0	0	0	1	15.29	Person_Portable
221	3	T3DSA1-4	557094.18	4483606.26	0	0	0	0	0	0	3	1775.05	Person_Portable
222	4	T3DSA1-4	557092.60	4483609.00	0	0	0	0	0	0	3	2016.47	Person_Portable

2013 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
223	1	T3DSA1-5	557096.31	4483611.17	0	0	0	0	0	0	3	1840.48	Person_Portable
224	2	T3DSA1-5	557094.94	4483614.03	0	0	0	0	0	0	3	3486.17	Person_Portable
225	1	T3DSA1-6	557098.12	4483614.86	0	0	0	0	0	0	3	1767.48	Person_Portable
226	2	T3DSA1-6	557097.54	4483615.91	0	0	0	0	0	0	3	2459.00	Person_Portable
227	3	T3DSA1-6	557096.81	4483616.77	0	0	0	0	0	0	3	2509.69	Person_Portable
228	1	T3DSA1-7	557115.43	4483593.17	0	0	0	0	0	0	1	6.91	Person_Portable
229	2	T3DSA1-7	557111.88	4483599.91	0	0	0	0	0	0	1	4.46	Person_Portable
230	3	T3DSA1-7	557101.44	4483618.69	0	0	0	0	0	0	3	2852.22	Person_Portable
231	4	T3DSA1-7	557099.32	4483621.50	0	0	0	0	0	0	3	3771.92	Person_Portable
232	1	T3DSA1-8	557103.32	4483622.28	0	0	0	0	0	0	3	3431.98	Person_Portable
233	2	T3DSA1-8	557102.09	4483624.28	0	0	0	0	0	0	3	4809.98	Person_Portable
234	1	T3DSA1-9	557105.73	4483627.19	0	0	0	0	0	0	3	5204.41	Person_Portable
235	2	T3DSA1-9	557105.08	4483628.77	0	0	0	0	0	0	3	5741.72	Person_Portable
236	1	T3DSA1-10	557127.00	4483596.78	0	0	0	0	0	0	1	13.27	Person_Portable
237	2	T3DSA1-10	557125.08	4483600.26	0	0	0	0	0	0	1	78.31	Person_Portable
238	3	T3DSA1-10	557111.21	4483622.74	0	0	0	0	0	0	1	6.62	Person_Portable
239	4	T3DSA1-10	557108.36	4483628.83	0	0	0	0	0	0	3	2572.27	Person_Portable
240	5	T3DSA1-10	557107.42	4483630.21	0	0	0	0	0	0	3	3658.07	Person_Portable
241	6	T3DSA1-10	557106.96	4483631.46	0	0	0	0	0	0	3	4476.67	Person_Portable
242	1	T3DSA1-11	557132.40	4483594.93	0	0	0	0	0	0	1	8.62	Person_Portable
243	2	T3DSA1-11	557112.83	4483622.81	0	0	0	0	0	0	3	9.52	Person_Portable
244	3	T3DSA1-11	557113.96	4483625.60	0	0	0	0	0	0	3	4.75	Person_Portable
245	4	T3DSA1-11	557112.19	4483631.73	0	0	0	0	0	0	3	4.29	Person_Portable
246	5	T3DSA1-11	557111.77	4483632.73	0	0	0	0	0	0	3	11.18	Person_Portable
247	6	T3DSA1-11	557110.60	4483636.21	0	0	0	0	0	0	3	377.76	Person_Portable
248	1	T3DSA1-12	557134.42	4483598.56	0	0	0	0	0	0	1	5.80	Person_Portable
249	2	T3DSA1-12	557134.08	4483600.22	0	0	0	0	0	0	1	20.29	Person_Portable
250	3	T3DSA1-12	557131.08	4483605.27	0	0	0	0	0	0	1	11.45	Person_Portable
251	4	T3DSA1-12	557128.10	4483618.80	0	0	0	0	0	0	3	61.72	Person_Portable
252	5	T3DSA1-12	557127.49	4483622.98	0	0	0	0	0	0	3	32.43	Person_Portable
253	6	T3DSA1-12	557126.39	4483625.18	0	0	0	0	0	0	3	11.15	Person_Portable
254	7	T3DSA1-12	557125.14	4483627.51	0	0	0	0	0	0	3	54.21	Person_Portable
255	8	T3DSA1-12	557123.65	4483629.29	0	0	0	0	0	0	3	920.66	Person_Portable
256	9	T3DSA1-12	557119.14	4483631.07	0	0	0	0	0	0	3	22.60	Person_Portable
257	10	T3DSA1-12	557118.08	4483631.28	0	0	0	0	0	0	3	26.65	Person_Portable
258	11	T3DSA1-12	557117.09	4483632.28	0	0	0	0	0	0	3	96.12	Person_Portable
259	12	T3DSA1-12	557113.42	4483635.87	0	0	0	0	0	0	3	490.29	Person_Portable

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Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
260	13	T3DSA1-12	557111.42	4483638.71	0	0	0	0	0	0	3	166.84	Person_Portable
261	1	T3DSA1-13	557128.54	4483620.35	0	0	0	0	0	0	3	45.37	Person_Portable
262	2	T3DSA1-13	557121.59	4483632.12	0	0	0	0	0	0	1	6.75	Person_Portable
263	3	T3DSA1-13	557119.92	4483634.53	0	0	0	0	0	0	1	7.16	Person_Portable
264	4	T3DSA1-13	557116.54	4483639.91	0	0	0	0	0	0	1	13.72	Person_Portable
265	1	T3DSA1-14	557135.62	4483614.99	0	0	0	0	0	0	1	24.71	Person_Portable
266	2	T3DSA1-14	557135.11	4483616.50	0	0	0	0	0	0	1	19.51	Person_Portable
267	3	T3DSA1-14	557133.46	4483618.58	0	0	0	0	0	0	1	91.57	Person_Portable
268	4	T3DSA1-14	557132.84	4483619.76	0	0	0	0	0	0	1	71.00	Person_Portable
269	5	T3DSA1-14	557131.74	4483621.74	0	0	0	0	0	0	1	156.66	Person_Portable
270	6	T3DSA1-14	557130.63	4483623.85	0	0	0	0	0	0	1	576.09	Person_Portable
271	7	T3DSA1-14	557128.66	4483627.47	0	0	0	0	0	0	1	35.74	Person_Portable
272	8	T3DSA1-14	557121.48	4483638.27	0	0	0	0	0	0	1	15.12	Person_Portable
273	9	T3DSA1-14	557119.78	4483642.18	0	0	0	0	0	0	1	4.33	Person_Portable
274	1	T3DSA1-15	557140.61	4483611.71	0	0	0	0	0	0	1	7.61	Person_Portable
275	2	T3DSA1-15	557139.58	4483613.94	0	0	0	0	0	0	1	5.75	Person_Portable
276	3	T3DSA1-15	557131.68	4483629.24	0	0	0	0	0	0	1	5.57	Person_Portable
277	4	T3DSA1-15	557130.59	4483631.24	0	0	0	0	0	0	1	147.60	Person_Portable
278	5	T3DSA1-15	557128.04	4483635.30	0	0	0	0	0	0	1	343.74	Person_Portable
279	6	T3DSA1-15	557126.80	4483637.24	0	0	0	0	0	0	1	9.71	Person_Portable
280	7	T3DSA1-15	557125.76	4483639.93	0	0	0	0	0	0	1	57.81	Person_Portable
281	8	T3DSA1-15	557125.26	4483640.79	0	0	0	0	0	0	1	47.88	Person_Portable
282	1	T12T-16A	556096.00	4482327.00	0	0	0	0	0	0	1	37.31	Person_Portable
283	2	T12T-16A	556103.84	4482329.48	0	0	0	0	0	0	1	6.82	Person_Portable
284	3	T12T-16A	556112.37	4482332.61	0	0	0	0	0	0	1	4.89	Person_Portable
285	4	T12T-16A	556116.00	4482332.60	0	0	0	0	0	0	7	4.30	Person_Portable
286	5	T12T-16A	556122.00	4482334.20	0	0	0	0	0	0	1	10.18	Person_Portable
287	6	T12T-16A	556125.20	4482335.20	0	0	0	0	0	0	1	8.16	Person_Portable
288	7	T12T-16A	556129.17	4482337.29	0	0	0	0	0	0	6	3.96	Person_Portable
289	1	T12T-17A	556097.20	4482358.60	0	0	0	0	0	0	1	8.01	Person_Portable
290	1	TDSA5-14A	556215.57	4481191.04	0	0	0	0	0	0	1	8.37	Person_Portable
291	2	TDSA5-14A	556214.88	4481193.96	0	0	0	0	0	0	1	38.71	Person_Portable
292	3	TDSA5-14A	556212.73	4481196.54	0	0	0	0	0	0	1	226.57	Person_Portable
293	4	TDSA5-14A	556212.04	4481197.34	0	0	0	0	0	0	1	263.75	Person_Portable
294	5	TDSA5-14A	556210.87	4481199.44	0	0	0	0	0	0	1	22.89	Person_Portable
295	1	TDSA5-20A	556828.83	4481404.96	0	0	0	0	0	0	1	70.47	Person_Portable
296	2	TDSA5-20A	556810.44	4481435.67	0	0	0	0	0	0	1	119.82	Person_Portable

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Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
297	1	TDSA5-25A	557305.25	4481580.65	0	0	0	0	0	0	1	8.94	Person_Portable
298	179	T30DSA5-1	557348.60	4481674.60	0	0	0	0	0	0	1	26.35	Person_Portable
299	180	T30DSA5-1	557367.00	4481688.80	0	0	0	0	0	0	1	8.25	Person_Portable
300	1	G-18D-1A	554065.43	4484375.59	0	0	0	0	0	0	3	30.81	Person_Portable
301	2	G-18D-1A	554064.47	4484376.63	0	0	0	0	0	0	3	84.36	Person_Portable
302	3	G-18D-1A	554065.19	4484378.09	0	0	0	0	0	0	3	32.56	Person_Portable
303	4	G-18D-1A	554065.65	4484380.05	0	0	0	0	0	0	1	4.59	Person_Portable
304	5	G-18D-1A	554064.45	4484385.00	0	0	0	0	0	0	1	10.34	Person_Portable
305	6	G-18D-1A	554067.15	4484386.00	0	0	0	0	0	0	1	11.15	Person_Portable
306	7	G-18D-1A	554068.95	4484388.00	0	0	0	0	0	0	1	57.70	Person_Portable
307	8	G-18D-1A	554069.61	4484386.71	0	0	0	0	0	0	1	22.80	Person_Portable
308	9	G-18D-1A	554070.27	4484384.48	0	0	0	0	0	0	1	6.47	Person_Portable
309	10	G-18D-1A	554070.34	4484383.47	0	0	0	0	0	0	1	37.54	Person_Portable
310	11	G-18D-1A	554070.75	4484381.85	0	0	0	0	0	0	1	169.64	Person_Portable
311	12	G-18D-1A	554069.10	4484380.80	0	0	0	0	0	0	1	59.02	Person_Portable
312	13	G-18D-1A	554069.25	4484379.00	0	0	0	0	0	0	1	117.10	Person_Portable
313	14	G-18D-1A	554067.45	4484379.60	0	0	0	0	0	0	1	14.43	Person_Portable
314	15	G-18D-1A	554066.30	4484377.50	0	0	0	0	0	0	3	96.86	Person_Portable
315	16	G-18D-1A	554067.49	4484376.98	0	0	0	0	0	0	3	35.75	Person_Portable
316	17	G-18D-1A	554069.55	4484376.45	0	0	0	0	0	0	1	5.36	Person_Portable
317	18	G-18D-1A	554070.46	4484375.19	0	0	0	0	0	0	1	7.48	Person_Portable
318	19	G-18D-1A	554072.10	4484376.30	0	0	0	0	0	0	1	4.19	Person_Portable
319	20	G-18D-1A	554072.85	4484377.65	0	0	0	0	0	0	1	74.09	Person_Portable
320	21	G-18D-1A	554072.32	4484379.17	0	0	0	0	0	0	3	18.00	Person_Portable
321	22	G-18D-1A	554071.20	4484379.45	0	0	0	0	0	0	3	35.36	Person_Portable
322	23	G-18D-1A	554072.55	4484380.35	0	0	0	0	0	0	3	30.18	Person_Portable
323	24	G-18D-1A	554073.15	4484383.50	0	0	0	0	0	0	1	10.45	Person_Portable
324	25	G-18D-1A	554073.75	4484384.85	0	0	0	0	0	0	1	6.95	Person_Portable
325	26	G-18D-1A	554074.80	4484385.45	0	0	0	0	0	0	1	12.63	Person_Portable
326	27	G-18D-1A	554072.85	4484386.95	0	0	0	0	0	0	1	12.26	Person_Portable
327	28	G-18D-1A	554074.20	4484387.85	0	0	0	0	0	0	1	140.78	Person_Portable
328	29	G-18D-1A	554073.30	4484389.20	0	0	0	0	0	0	1	134.97	Person_Portable
329	30	G-18D-1A	554074.35	4484391.60	0	0	0	0	0	0	1	141.04	Person_Portable
330	31	G-18D-1A	554076.30	4484392.05	0	0	0	0	0	0	1	4.18	Person_Portable
331	32	G-18D-1A	554077.35	4484390.10	0	0	0	0	0	0	1	65.67	Person_Portable
332	33	G-18D-1A	554075.90	4484388.40	0	0	0	0	0	0	1	178.78	Person_Portable
333	34	G-18D-1A	554077.17	4484388.01	0	0	0	0	0	0	1	104.14	Person_Portable

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334	35	G-18D-1A	554080.70	4484387.71	0	0	0	0	0	0	3	31.40	Person_Portable
335	36	G-18D-1A	554080.80	4484388.75	0	0	0	0	0	0	3	40.14	Person_Portable
336	37	G-18D-1A	554083.20	4484387.70	0	0	0	0	0	0	1	11.59	Person_Portable
337	38	G-18D-1A	554083.35	4484388.60	0	0	0	0	0	0	1	8.86	Person_Portable
338	39	G-18D-1A	554084.25	4484389.20	0	0	0	0	0	0	1	6.78	Person_Portable
339	40	G-18D-1A	554084.70	4484390.25	0	0	0	0	0	0	1	6.66	Person_Portable
340	41	G-18D-1A	554083.50	4484391.45	0	0	0	0	0	0	1	15.29	Person_Portable
341	42	G-18D-1A	554082.60	4484390.65	0	0	0	0	0	0	1	19.87	Person_Portable
342	43	G-18D-1A	554080.35	4484390.00	0	0	0	0	0	0	3	49.90	Person_Portable
343	44	G-18D-1A	554080.33	4484391.19	0	0	0	0	0	0	3	47.65	Person_Portable
344	45	G-18D-1A	554080.35	4484394.00	0	0	0	0	0	0	2	12011.86	Person_Portable
345	46	G-18D-1A	554083.65	4484394.30	0	0	0	0	0	0	3	113.48	Person_Portable
346	47	G-18D-1A	554085.90	4484394.90	0	0	0	0	0	0	3	112.53	Person_Portable
347	48	G-18D-1A	554086.52	4484397.82	0	0	0	0	0	0	1	7.08	Person_Portable
348	49	G-18D-1A	554087.85	4484395.20	0	0	0	0	0	0	3	109.30	Person_Portable
349	50	G-18D-1A	554086.77	4484390.03	0	0	0	0	0	0	1	9.17	Person_Portable
350	51	G-18D-1A	554087.56	4484390.45	0	0	0	0	0	0	1	10.68	Person_Portable
351	52	G-18D-1A	554088.91	4484389.53	0	0	0	0	0	0	1	9.12	Person_Portable
352	53	G-18D-1A	554089.86	4484390.15	0	0	0	0	0	0	1	7.53	Person_Portable
353	54	G-18D-1A	554091.00	4484389.95	0	0	0	0	0	0	1	9.64	Person_Portable
354	55	G-18D-1A	554093.10	4484388.00	0	0	0	0	0	0	1	50.67	Person_Portable
355	56	G-18D-1A	554092.35	4484385.90	0	0	0	0	0	0	1	7.72	Person_Portable
356	57	G-18D-1A	554091.75	4484385.15	0	0	0	0	0	0	1	5.49	Person_Portable
357	58	G-18D-1A	554091.54	4484386.72	0	0	0	0	0	0	1	18.80	Person_Portable
358	59	G-18D-1A	554089.20	4484387.85	0	0	0	0	0	0	1	157.52	Person_Portable
359	60	G-18D-1A	554089.64	4484385.45	0	0	0	0	0	0	1	27.33	Person_Portable
360	61	G-18D-1A	554088.97	4484385.00	0	0	0	0	0	0	1	26.13	Person_Portable
361	62	G-18D-1A	554090.55	4484382.60	0	0	0	0	0	0	1	17.38	Person_Portable
362	63	G-18D-1A	554089.48	4484381.82	0	0	0	0	0	0	1	6.04	Person_Portable
363	64	G-18D-1A	554089.80	4484380.50	0	0	0	0	0	0	1	48.38	Person_Portable
364	65	G-18D-1A	554091.60	4484380.05	0	0	0	0	0	0	1	442.66	Person_Portable
365	66	G-18D-1A	554093.40	4484379.60	0	0	0	0	0	0	1	50.11	Person_Portable
366	67	G-18D-1A	554094.36	4484379.28	0	0	0	0	0	0	1	51.08	Person_Portable
367	68	G-18D-1A	554095.71	4484381.16	0	0	0	0	0	0	1	7.31	Person_Portable
368	69	G-18D-1A	554096.33	4484380.61	0	0	0	0	0	0	1	11.74	Person_Portable
369	70	G-18D-1A	554097.30	4484380.65	0	0	0	0	0	0	1	25.99	Person_Portable
370	71	G-18D-1A	554097.75	4484379.15	0	0	0	0	0	0	3	532.68	Person_Portable

2013 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
371	72	G-18D-1A	554097.15	4484377.80	0	0	0	0	0	0	3	350.64	Person_Portable
372	73	G-18D-1A	554095.80	4484377.20	0	0	0	0	0	0	3	232.50	Person_Portable
373	74	G-18D-1A	554095.35	4484374.95	0	0	0	0	0	0	2	4059.46	Person_Portable
374	75	G-18D-1A	554093.21	4484376.16	0	0	0	0	0	0	1	15.16	Person_Portable
375	76	G-18D-1A	554092.95	4484373.75	0	0	0	0	0	0	1	86.57	Person_Portable
376	77	G-18D-1A	554091.30	4484372.25	0	0	0	0	0	0	1	73.36	Person_Portable
377	78	G-18D-1A	554091.00	4484371.20	0	0	0	0	0	0	1	59.16	Person_Portable
378	79	G-18D-1A	554088.75	4484369.85	0	0	0	0	0	0	1	84.37	Person_Portable
379	80	G-18D-1A	554089.05	4484371.05	0	0	0	0	0	0	1	81.81	Person_Portable
380	81	G-18D-1A	554089.65	4484372.85	0	0	0	0	0	0	1	67.85	Person_Portable
381	82	G-18D-1A	554087.25	4484374.20	0	0	0	0	0	0	1	6.61	Person_Portable
382	83	G-18D-1A	554086.50	4484374.65	0	0	0	0	0	0	1	13.15	Person_Portable
383	84	G-18D-1A	554084.25	4484374.20	0	0	0	0	0	0	1	68.48	Person_Portable
384	85	G-18D-1A	554084.10	4484373.00	0	0	0	0	0	0	1	44.21	Person_Portable
385	86	G-18D-1A	554082.60	4484374.80	0	0	0	0	0	0	1	889.94	Person_Portable
386	87	G-18D-1A	554085.15	4484377.05	0	0	0	0	0	0	1	4.65	Person_Portable
387	88	G-18D-1A	554085.75	4484376.00	0	0	0	0	0	0	1	23.02	Person_Portable
388	89	G-18D-1A	554087.85	4484375.70	0	0	0	0	0	0	1	4.21	Person_Portable
389	90	G-18D-1A	554088.60	4484375.10	0	0	0	0	0	0	1	19.07	Person_Portable
390	91	G-18D-1A	554089.80	4484375.40	0	0	0	0	0	0	1	43.45	Person_Portable
391	92	G-18D-1A	554091.11	4484374.77	0	0	0	0	0	0	1	7.87	Person_Portable
392	93	G-18D-1A	554091.76	4484375.22	0	0	0	0	0	0	1	11.27	Person_Portable
393	94	G-18D-1A	554091.30	4484376.15	0	0	0	0	0	0	1	113.47	Person_Portable
394	95	G-18D-1A	554091.30	4484377.95	0	0	0	0	0	0	1	19.94	Person_Portable
395	96	G-18D-1A	554089.50	4484377.05	0	0	0	0	0	0	1	51.81	Person_Portable
396	97	G-18D-1A	554088.15	4484378.40	0	0	0	0	0	0	2	4544.33	Person_Portable
397	98	G-18D-1A	554086.80	4484379.90	0	0	0	0	0	0	2	153.42	Person_Portable
398	99	G-18D-1A	554084.85	4484380.50	0	0	0	0	0	0	1	15.04	Person_Portable
399	100	G-18D-1A	554083.95	4484380.05	0	0	0	0	0	0	1	10.01	Person_Portable
400	101	G-18D-1A	554083.15	4484382.05	0	0	0	0	0	0	1	7.50	Person_Portable
401	102	G-18D-1A	554081.25	4484384.40	0	0	0	0	0	0	2	11467.44	Person_Portable
402	103	G-18D-1A	554078.41	4484385.25	0	0	0	0	0	0	3	111.46	Person_Portable
403	104	G-18D-1A	554076.75	4484383.20	0	0	0	0	0	0	1	192.04	Person_Portable
404	105	G-18D-1A	554075.34	4484383.20	0	0	0	0	0	0	3	92.55	Person_Portable
405	106	G-18D-1A	554076.30	4484382.15	0	0	0	0	0	0	1	152.70	Person_Portable
406	107	G-18D-1A	554078.55	4484378.85	0	0	0	0	0	0	1	42.83	Person_Portable
407	108	G-18D-1A	554078.90	4484377.42	0	0	0	0	0	0	1	9.21	Person_Portable

2013 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
408	109	G-18D-1A	554081.70	4484379.30	0	0	0	0	0	0	1	7.60	Person_Portable
409	110	G-18D-1A	554081.63	4484376.70	0	0	0	0	0	0	1	9.47	Person_Portable
410	111	G-18D-1A	554080.65	4484375.85	0	0	0	0	0	0	1	133.23	Person_Portable
411	112	G-18D-1A	554079.90	4484375.10	0	0	0	0	0	0	1	73.69	Person_Portable
412	113	G-18D-1A	554076.15	4484374.05	0	0	0	0	0	0	1	9.49	Person_Portable
413	114	G-18D-1A	554075.41	4484375.06	0	0	0	0	0	0	1	4.21	Person_Portable
414	115	G-18D-1A	554074.05	4484373.30	0	0	0	0	0	0	1	5.43	Person_Portable
415	116	G-18D-1A	554073.00	4484374.05	0	0	0	0	0	0	1	8.83	Person_Portable
416	117	G-18D-1A	554070.75	4484373.45	0	0	0	0	0	0	9	54.20	Person_Portable
417	118	G-18D-1A	554070.00	4484373.00	0	0	0	0	0	0	9	54.99	Person_Portable
418	119	G-18D-1A	554077.46	4484357.08	0	0	0	0	0	0	8	999.00	Person_Portable
419	120	G-18D-1A	554070.48	4484367.52	0	0	0	0	0	0	8	999.00	Person_Portable
420	1	G-18D-2A	554095.20	4484388.04	0	0	0	0	0	0	7	7.33	Person_Portable
421	2	G-18D-2A	554096.31	4484388.29	0	0	0	0	0	0	1	5.98	Person_Portable
422	3	G-18D-2A	554094.75	4484389.80	0	0	0	0	0	0	1	5.57	Person_Portable
423	4	G-18D-2A	554094.35	4484391.40	0	0	0	0	0	0	1	18.76	Person_Portable
424	5	G-18D-2A	554092.05	4484392.50	0	0	0	0	0	0	1	8.34	Person_Portable
425	6	G-18D-2A	554092.20	4484396.10	0	0	0	0	0	0	3	100.23	Person_Portable
426	7	G-18D-2A	554090.25	4484395.80	0	0	0	0	0	0	3	97.57	Person_Portable
427	8	G-18D-2A	554088.60	4484395.65	0	0	0	0	0	0	3	107.68	Person_Portable
428	9	G-18D-2A	554086.86	4484399.20	0	0	0	0	0	0	1	4.39	Person_Portable
429	10	G-18D-2A	554085.85	4484399.45	0	0	0	0	0	0	1	5.86	Person_Portable
430	11	G-18D-2A	554088.30	4484401.10	0	0	0	0	0	0	1	12.74	Person_Portable
431	12	G-18D-2A	554091.29	4484402.72	0	0	0	0	0	0	1	10.21	Person_Portable
432	13	G-18D-2A	554090.85	4484400.75	0	0	0	0	0	0	1	189.33	Person_Portable
433	14	G-18D-2A	554091.48	4484399.28	0	0	0	0	0	0	1	7.14	Person_Portable
434	15	G-18D-2A	554092.94	4484399.40	0	0	0	0	0	0	1	5.21	Person_Portable
435	16	G-18D-2A	554094.30	4484396.55	0	0	0	0	0	0	3	88.57	Person_Portable
436	17	G-18D-2A	554096.10	4484397.00	0	0	0	0	0	0	3	81.61	Person_Portable
437	18	G-18D-2A	554098.50	4484397.60	0	0	0	0	0	0	3	72.95	Person_Portable
438	19	G-18D-2A	554100.71	4484396.92	0	0	0	0	0	0	3	19.80	Person_Portable
439	20	G-18D-2A	554101.39	4484397.63	0	0	0	0	0	0	3	33.27	Person_Portable
440	21	G-18D-2A	554102.55	4484396.40	0	0	0	0	0	0	1	347.53	Person_Portable
441	22	G-18D-2A	554103.75	4484398.80	0	0	0	0	0	0	3	222.66	Person_Portable
442	23	G-18D-2A	554101.35	4484401.50	0	0	0	0	0	0	3	7868.93	Person_Portable
443	24	G-18D-2A	554099.86	4484401.78	0	0	0	0	0	0	1	260.92	Person_Portable
444	25	G-18D-2A	554099.19	4484401.26	0	0	0	0	0	0	1	318.33	Person_Portable

2013 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
445	26	G-18D-2A	554097.75	4484402.40	0	0	0	0	0	0	1	44.70	Person_Portable
446	27	G-18D-2A	554097.75	4484404.65	0	0	0	0	0	0	1	45.95	Person_Portable
447	28	G-18D-2A	554095.95	4484404.05	0	0	0	0	0	0	1	4.45	Person_Portable
448	29	G-18D-2A	554095.65	4484405.65	0	0	0	0	0	0	1	20.89	Person_Portable
449	30	G-18D-2A	554097.15	4484406.75	0	0	0	0	0	0	1	101.87	Person_Portable
450	31	G-18D-2A	554098.03	4484407.43	0	0	0	0	0	0	1	19.61	Person_Portable
451	32	G-18D-2A	554101.05	4484406.15	0	0	0	0	0	0	1	8.90	Person_Portable
452	33	G-18D-2A	554100.82	4484403.29	0	0	0	0	0	0	1	17.59	Person_Portable
453	34	G-18D-2A	554101.94	4484404.15	0	0	0	0	0	0	1	7.11	Person_Portable
454	35	G-18D-2A	554102.25	4484405.10	0	0	0	0	0	0	1	6.86	Person_Portable
455	36	G-18D-2A	554104.90	4484407.20	0	0	0	0	0	0	1	12.53	Person_Portable
456	37	G-18D-2A	554104.95	4484408.10	0	0	0	0	0	0	1	12.10	Person_Portable
457	38	G-18D-2A	554104.80	4484410.80	0	0	0	0	0	0	1	34.47	Person_Portable
458	39	G-18D-2A	554106.00	4484411.70	0	0	0	0	0	0	1	13.53	Person_Portable
459	40	G-18D-2A	554106.90	4484410.65	0	0	0	0	0	0	1	7.98	Person_Portable
460	41	G-18D-2A	554108.10	4484413.20	0	0	0	0	0	0	1	8.32	Person_Portable
461	42	G-18D-2A	554109.30	4484413.20	0	0	0	0	0	0	1	7.70	Person_Portable
462	43	G-18D-2A	554110.80	4484409.00	0	0	0	0	0	0	1	60.87	Person_Portable
463	44	G-18D-2A	554111.55	4484407.65	0	0	0	0	0	0	1	44.52	Person_Portable
464	45	G-18D-2A	554112.21	4484409.71	0	0	0	0	0	0	1	8.96	Person_Portable
465	46	G-18D-2A	554114.05	4484411.05	0	0	0	0	0	0	1	388.14	Person_Portable
466	47	G-18D-2A	554113.88	4484408.56	0	0	0	0	0	0	1	17.55	Person_Portable
467	48	G-18D-2A	554114.92	4484407.87	0	0	0	0	0	0	1	11.51	Person_Portable
468	49	G-18D-2A	554114.25	4484406.65	0	0	0	0	0	0	1	30.34	Person_Portable
469	50	G-18D-2A	554114.53	4484405.85	0	0	0	0	0	0	1	27.77	Person_Portable
470	51	G-18D-2A	554115.84	4484404.93	0	0	0	0	0	0	3	46.53	Person_Portable
471	52	G-18D-2A	554115.75	4484403.90	0	0	0	0	0	0	3	52.00	Person_Portable
472	53	G-18D-2A	554116.50	4484404.35	0	0	0	0	0	0	3	55.02	Person_Portable
473	54	G-18D-2A	554117.70	4484404.20	0	0	0	0	0	0	3	72.27	Person_Portable
474	55	G-18D-2A	554119.20	4484402.12	0	0	0	0	0	0	1	10.31	Person_Portable
475	56	G-18D-2A	554117.55	4484401.50	0	0	0	0	0	0	1	30.86	Person_Portable
476	57	G-18D-2A	554116.51	4484402.33	0	0	0	0	0	0	1	12.47	Person_Portable
477	58	G-18D-2A	554114.10	4484399.85	0	0	0	0	0	0	1	9.62	Person_Portable
478	59	G-18D-2A	554112.53	4484400.56	0	0	0	0	0	0	1	10.36	Person_Portable
479	60	G-18D-2A	554112.45	4484398.80	0	0	0	0	0	0	1	4.72	Person_Portable
480	61	G-18D-2A	554110.95	4484398.50	0	0	0	0	0	0	1	4.30	Person_Portable
481	62	G-18D-2A	554109.75	4484399.10	0	0	0	0	0	0	1	6.61	Person_Portable

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Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
482	63	G-18D-2A	554109.60	4484401.35	0	0	0	0	0	0	3	45.20	Person_Portable
483	64	G-18D-2A	554110.50	4484400.90	0	0	0	0	0	0	3	51.72	Person_Portable
484	65	G-18D-2A	554111.55	4484401.80	0	0	0	0	0	0	3	44.73	Person_Portable
485	66	G-18D-2A	554112.90	4484402.85	0	0	0	0	0	0	3	49.94	Person_Portable
486	67	G-18D-2A	554113.95	4484403.60	0	0	0	0	0	0	3	43.86	Person_Portable
487	68	G-18D-2A	554111.96	4484404.08	0	0	0	0	0	0	1	15.61	Person_Portable
488	69	G-18D-2A	554110.33	4484403.68	0	0	0	0	0	0	1	10.39	Person_Portable
489	70	G-18D-2A	554109.90	4484406.00	0	0	0	0	0	0	1	4.15	Person_Portable
490	71	G-18D-2A	554108.70	4484407.05	0	0	0	0	0	0	1	4.10	Person_Portable
491	72	G-18D-2A	554106.15	4484406.85	0	0	0	0	0	0	1	8.74	Person_Portable
492	73	G-18D-2A	554106.45	4484405.25	0	0	0	0	0	0	1	9.29	Person_Portable
493	74	G-18D-2A	554106.15	4484404.20	0	0	0	0	0	0	1	4.09	Person_Portable
494	75	G-18D-2A	554107.80	4484403.45	0	0	0	0	0	0	1	8.35	Person_Portable
495	76	G-18D-2A	554107.21	4484402.19	0	0	0	0	0	0	1	10.40	Person_Portable
496	77	G-18D-2A	554105.70	4484402.10	0	0	0	0	0	0	1	16.64	Person_Portable
497	78	G-18D-2A	554106.60	4484401.20	0	0	0	0	0	0	3	54.71	Person_Portable
498	79	G-18D-2A	554107.50	4484400.75	0	0	0	0	0	0	3	54.68	Person_Portable
499	80	G-18D-2A	554106.15	4484400.45	0	0	0	0	0	0	3	57.29	Person_Portable
500	81	G-18D-2A	554106.45	4484399.50	0	0	0	0	0	0	3	54.10	Person_Portable
501	82	G-18D-2A	554107.06	4484398.25	0	0	0	0	0	0	1	24.45	Person_Portable
502	83	G-18D-2A	554107.66	4484396.20	0	0	0	0	0	0	1	27.59	Person_Portable
503	84	G-18D-2A	554108.93	4484395.80	0	0	0	0	0	0	1	213.77	Person_Portable
504	85	G-18D-2A	554108.40	4484394.90	0	0	0	0	0	0	1	339.30	Person_Portable
505	86	G-18D-2A	554109.11	4484394.19	0	0	0	0	0	0	1	75.67	Person_Portable
506	87	G-18D-2A	554111.40	4484394.75	0	0	0	0	0	0	1	5.26	Person_Portable
507	88	G-18D-2A	554113.80	4484395.50	0	0	0	0	0	0	1	27.66	Person_Portable
508	89	G-18D-2A	554117.30	4484396.38	0	0	0	0	0	0	1	28.05	Person_Portable
509	90	G-18D-2A	554119.20	4484395.80	0	0	0	0	0	0	1	2262.41	Person_Portable
510	91	G-18D-2A	554121.90	4484398.80	0	0	0	0	0	0	1	73.36	Person_Portable
511	92	G-18D-2A	554121.60	4484397.45	0	0	0	0	0	0	1	56.17	Person_Portable
512	93	G-18D-2A	554122.50	4484395.65	0	0	0	0	0	0	3	23.66	Person_Portable
513	94	G-18D-2A	554123.26	4484394.39	0	0	0	0	0	0	1	6.90	Person_Portable
514	95	G-18D-2A	554122.03	4484393.53	0	0	0	0	0	0	1	7.15	Person_Portable
515	96	G-18D-2A	554120.88	4484394.59	0	0	0	0	0	0	3	18.19	Person_Portable
516	97	G-18D-2A	554119.56	4484393.72	0	0	0	0	0	0	3	20.97	Person_Portable
517	98	G-18D-2A	554118.49	4484393.23	0	0	0	0	0	0	3	21.27	Person_Portable
518	99	G-18D-2A	554120.21	4484392.14	0	0	0	0	0	0	1	5.63	Person_Portable

2013 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
519	100	G-18D-2A	554121.00	4484390.55	0	0	0	0	0	0	9	88.50	Person_Portable
520	101	G-18D-2A	554119.05	4484390.10	0	0	0	0	0	0	9	5.92	Person_Portable
521	102	G-18D-2A	554116.00	4484391.79	0	0	0	0	0	0	3	34.20	Person_Portable
522	103	G-18D-2A	554115.45	4484393.25	0	0	0	0	0	0	1	1336.76	Person_Portable
523	104	G-18D-2A	554114.10	4484391.30	0	0	0	0	0	0	3	22.80	Person_Portable
524	105	G-18D-2A	554114.48	4484389.83	0	0	0	0	0	0	1	11.22	Person_Portable
525	106	G-18D-2A	554113.33	4484388.93	0	0	0	0	0	0	1	8.54	Person_Portable
526	107	G-18D-2A	554112.39	4484389.37	0	0	0	0	0	0	3	17.81	Person_Portable
527	108	G-18D-2A	554112.58	4484388.42	0	0	0	0	0	0	1	9.97	Person_Portable
528	109	G-18D-2A	554113.45	4484388.15	0	0	0	0	0	0	1	14.07	Person_Portable
529	110	G-18D-2A	554112.75	4484387.60	0	0	0	0	0	0	1	11.98	Person_Portable
530	111	G-18D-2A	554111.85	4484385.30	0	0	0	0	0	0	1	10.37	Person_Portable
531	112	G-18D-2A	554109.00	4484383.50	0	0	0	0	0	0	1	9.59	Person_Portable
532	113	G-18D-2A	554109.15	4484384.40	0	0	0	0	0	0	1	7.52	Person_Portable
533	114	G-18D-2A	554109.12	4484386.33	0	0	0	0	0	0	1	5.42	Person_Portable
534	115	G-18D-2A	554109.17	4484387.28	0	0	0	0	0	0	1	43.29	Person_Portable
535	116	G-18D-2A	554108.85	4484388.30	0	0	0	0	0	0	1	433.58	Person_Portable
536	117	G-18D-2A	554110.20	4484388.75	0	0	0	0	0	0	1	447.69	Person_Portable
537	118	G-18D-2A	554110.33	4484390.23	0	0	0	0	0	0	1	229.33	Person_Portable
538	119	G-18D-2A	554109.54	4484391.26	0	0	0	0	0	0	1	113.92	Person_Portable
539	120	G-18D-2A	554106.90	4484389.05	0	0	0	0	0	0	3	35.95	Person_Portable
540	121	G-18D-2A	554105.10	4484388.85	0	0	0	0	0	0	3	37.99	Person_Portable
541	122	G-18D-2A	554104.10	4484387.93	0	0	0	0	0	0	3	31.87	Person_Portable
542	123	G-18D-2A	554103.67	4484388.64	0	0	0	0	0	0	3	40.22	Person_Portable
543	124	G-18D-2A	554103.70	4484392.23	0	0	0	0	0	0	1	4.39	Person_Portable
544	125	G-18D-2A	554103.75	4484394.15	0	0	0	0	0	0	1	19.36	Person_Portable
545	126	G-18D-2A	554101.50	4484394.25	0	0	0	0	0	0	1	5.61	Person_Portable
546	127	G-18D-2A	554098.50	4484393.10	0	0	0	0	0	0	1	9.50	Person_Portable
547	128	G-18D-2A	554097.48	4484391.69	0	0	0	0	0	0	1	10.62	Person_Portable
548	129	G-18D-2A	554097.74	4484390.67	0	0	0	0	0	0	1	13.34	Person_Portable
549	130	G-18D-2A	554099.85	4484389.35	0	0	0	0	0	0	2	11339.71	Person_Portable
550	131	G-18D-2A	554101.20	4484387.44	0	0	0	0	0	0	3	62.05	Person_Portable
551	132	G-18D-2A	554098.95	4484385.75	0	0	0	0	0	0	2	475.00	Person_Portable
552	133	G-18D-2A	554100.60	4484385.15	0	0	0	0	0	0	2	773.67	Person_Portable
553	134	G-18D-2A	554101.35	4484383.95	0	0	0	0	0	0	2	2782.09	Person_Portable
554	135	G-18D-2A	554103.09	4484383.28	0	0	0	0	0	0	1	13.05	Person_Portable
555	136	G-18D-2A	554104.95	4484381.85	0	0	0	0	0	0	1	5.23	Person_Portable

2013 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
556	137	G-18D-2A	554104.80	4484380.80	0	0	0	0	0	0	1	4.67	Person_Portable
557	138	G-18D-2A	554102.40	4484378.25	0	0	0	0	0	0	1	8.66	Person_Portable
558	139	G-18D-2A	554101.35	4484378.25	0	0	0	0	0	0	1	7.58	Person_Portable
559	140	G-18D-2A	554100.60	4484380.75	0	0	0	0	0	0	3	116.90	Person_Portable
560	141	G-18D-2A	554100.75	4484382.05	0	0	0	0	0	0	3	167.92	Person_Portable
561	142	G-18D-2A	554097.45	4484382.60	0	0	0	0	0	0	2	73.37	Person_Portable
562	143	G-18D-2A	554102.56	4484373.79	0	0	0	0	0	0	8	999.00	Person_Portable
563	1	G-18D-3A	554122.05	4484399.70	0	0	0	0	0	0	1	175.39	Person_Portable
564	2	G-18D-3A	554122.50	4484401.20	0	0	0	0	0	0	1	39.34	Person_Portable
565	3	G-18D-3A	554124.15	4484400.15	0	0	0	0	0	0	2	1057.28	Person_Portable
566	4	G-18D-3A	554125.35	4484398.35	0	0	0	0	0	0	2	346.73	Person_Portable
567	5	G-18D-3A	554125.95	4484396.70	0	0	0	0	0	0	1	293.39	Person_Portable
568	6	G-18D-3A	554128.20	4484397.60	0	0	0	0	0	0	9	4.39	Person_Portable
569	7	G-18D-3A	554127.45	4484400.30	0	0	0	0	0	0	1	301.75	Person_Portable
570	8	G-18D-3A	554127.00	4484402.10	0	0	0	0	0	0	1	334.38	Person_Portable
571	9	G-18D-3A	554126.00	4484402.65	0	0	0	0	0	0	1	250.42	Person_Portable
572	10	G-18D-3A	554124.85	4484403.83	0	0	0	0	0	0	1	40.66	Person_Portable
573	11	G-18D-3A	554126.16	4484406.25	0	0	0	0	0	0	1	14.49	Person_Portable
574	12	G-18D-3A	554127.00	4484404.95	0	0	0	0	0	0	1	87.27	Person_Portable
575	13	G-18D-3A	554128.80	4484405.40	0	0	0	0	0	0	1	137.79	Person_Portable
576	14	G-18D-3A	554130.45	4484402.70	0	0	0	0	0	0	1	7.43	Person_Portable
577	15	G-18D-3A	554130.90	4484403.90	0	0	0	0	0	0	1	11.57	Person_Portable
578	16	G-18D-3A	554131.17	4484405.11	0	0	0	0	0	0	1	11.74	Person_Portable
579	17	G-18D-3A	554132.40	4484404.95	0	0	0	0	0	0	1	23.06	Person_Portable
580	18	G-18D-3A	554133.00	4484407.35	0	0	0	0	0	0	1	92.65	Person_Portable
581	19	G-18D-3A	554132.32	4484408.63	0	0	0	0	0	0	1	21.12	Person_Portable
582	20	G-18D-3A	554135.10	4484409.30	0	0	0	0	0	0	1	70.80	Person_Portable
583	21	G-18D-3A	554134.63	4484407.30	0	0	0	0	0	0	1	23.11	Person_Portable
584	22	G-18D-3A	554135.85	4484406.45	0	0	0	0	0	0	1	122.28	Person_Portable
585	23	G-18D-3A	554137.05	4484406.15	0	0	0	0	0	0	1	65.43	Person_Portable
586	24	G-18D-3A	554137.65	4484405.25	0	0	0	0	0	0	1	37.70	Person_Portable
587	25	G-18D-3A	554140.20	4484406.15	0	0	0	0	0	0	1	6.72	Person_Portable
588	26	G-18D-3A	554138.55	4484409.00	0	0	0	0	0	0	7	4.07	Person_Portable
589	27	G-18D-3A	554139.45	4484411.10	0	0	0	0	0	0	1	344.04	Person_Portable
590	28	G-18D-3A	554137.50	4484412.90	0	0	0	0	0	0	1	24.82	Person_Portable
591	29	G-18D-3A	554139.11	4484412.50	0	0	0	0	0	0	1	39.95	Person_Portable
592	30	G-18D-3A	554141.40	4484412.30	0	0	0	0	0	0	1	12.73	Person_Portable

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Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
593	31	G-18D-3A	554142.15	4484410.05	0	0	0	0	0	0	1	12.01	Person_Portable
594	32	G-18D-3A	554145.90	4484413.50	0	0	0	0	0	0	1	9.65	Person_Portable
595	33	G-18D-3A	554145.30	4484415.00	0	0	0	0	0	0	1	15.76	Person_Portable
596	34	G-18D-3A	554145.00	4484416.35	0	0	0	0	0	0	1	10.45	Person_Portable
597	35	G-18D-3A	554144.10	4484415.75	0	0	0	0	0	0	1	11.51	Person_Portable
598	36	G-18D-3A	554143.80	4484414.70	0	0	0	0	0	0	1	10.85	Person_Portable
599	37	G-18D-3A	554142.57	4484416.71	0	0	0	0	0	0	1	9.33	Person_Portable
600	38	G-18D-3A	554143.05	4484417.85	0	0	0	0	0	0	1	51.27	Person_Portable
601	39	G-18D-3A	554144.10	4484420.18	0	0	0	0	0	0	1	23.32	Person_Portable
602	40	G-18D-3A	554139.67	4484420.84	0	0	0	0	0	0	1	9.05	Person_Portable
603	41	G-18D-3A	554140.05	4484419.20	0	0	0	0	0	0	3	24.61	Person_Portable
604	42	G-18D-3A	554138.40	4484419.05	0	0	0	0	0	0	3	26.79	Person_Portable
605	43	G-18D-3A	554138.40	4484418.00	0	0	0	0	0	0	3	25.37	Person_Portable
606	44	G-18D-3A	554137.20	4484417.25	0	0	0	0	0	0	3	29.66	Person_Portable
607	45	G-18D-3A	554136.30	4484416.65	0	0	0	0	0	0	3	29.39	Person_Portable
608	46	G-18D-3A	554135.91	4484418.54	0	0	0	0	0	0	1	4.07	Person_Portable
609	47	G-18D-3A	554134.05	4484417.25	0	0	0	0	0	0	1	9.24	Person_Portable
610	48	G-18D-3A	554135.10	4484415.90	0	0	0	0	0	0	3	29.93	Person_Portable
611	49	G-18D-3A	554134.05	4484415.15	0	0	0	0	0	0	3	30.46	Person_Portable
612	50	G-18D-3A	554132.22	4484413.38	0	0	0	0	0	0	3	36.54	Person_Portable
613	51	G-18D-3A	554130.54	4484412.15	0	0	0	0	0	0	3	36.30	Person_Portable
614	52	G-18D-3A	554131.20	4484410.95	0	0	0	0	0	0	1	64.99	Person_Portable
615	53	G-18D-3A	554130.24	4484410.11	0	0	0	0	0	0	1	15.51	Person_Portable
616	54	G-18D-3A	554130.02	4484408.90	0	0	0	0	0	0	1	10.37	Person_Portable
617	55	G-18D-3A	554128.82	4484409.07	0	0	0	0	0	0	1	17.73	Person_Portable
618	56	G-18D-3A	554127.75	4484410.20	0	0	0	0	0	0	3	37.35	Person_Portable
619	57	G-18D-3A	554128.65	4484410.80	0	0	0	0	0	0	3	36.39	Person_Portable
620	58	G-18D-3A	554129.55	4484411.40	0	0	0	0	0	0	3	39.34	Person_Portable
621	59	G-18D-3A	554129.55	4484412.29	0	0	0	0	0	0	3	33.76	Person_Portable
622	60	G-18D-3A	554128.29	4484412.41	0	0	0	0	0	0	1	18.31	Person_Portable
623	61	G-18D-3A	554127.60	4484413.65	0	0	0	0	0	0	1	4.45	Person_Portable
624	62	G-18D-3A	554124.90	4484415.75	0	0	0	0	0	0	1	7.93	Person_Portable
625	63	G-18D-3A	554125.05	4484416.65	0	0	0	0	0	0	1	4.96	Person_Portable
626	64	G-18D-3A	554124.42	4484417.81	0	0	0	0	0	0	1	4.41	Person_Portable
627	65	G-18D-3A	554123.25	4484418.15	0	0	0	0	0	0	1	4.48	Person_Portable
628	66	G-18D-3A	554123.40	4484419.20	0	0	0	0	0	0	1	9.16	Person_Portable
629	67	G-18D-3A	554125.43	4484420.04	0	0	0	0	0	0	1	74.91	Person_Portable

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Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
630	68	G-18D-3A	554126.43	4484417.99	0	0	0	0	0	0	1	52.38	Person_Portable
631	69	G-18D-3A	554127.54	4484417.34	0	0	0	0	0	0	1	12.91	Person_Portable
632	70	G-18D-3A	554128.21	4484419.16	0	0	0	0	0	0	1	166.11	Person_Portable
633	71	G-18D-3A	554129.83	4484420.21	0	0	0	0	0	0	2	632.72	Person_Portable
634	72	G-18D-3A	554132.30	4484420.56	0	0	0	0	0	0	1	7.84	Person_Portable
635	73	G-18D-3A	554132.10	4484421.60	0	0	0	0	0	0	1	12.34	Person_Portable
636	74	G-18D-3A	554133.10	4484422.62	0	0	0	0	0	0	1	19.18	Person_Portable
637	75	G-18D-3A	554134.35	4484423.85	0	0	0	0	0	0	1	19.75	Person_Portable
638	76	G-18D-3A	554135.35	4484431.80	0	0	0	0	0	0	1	12.13	Person_Portable
639	77	G-18D-3A	554131.92	4484424.66	0	0	0	0	0	0	1	48.21	Person_Portable
640	78	G-18D-3A	554129.40	4484425.05	0	0	0	0	0	0	1	4.10	Person_Portable
641	79	G-18D-3A	554129.70	4484422.95	0	0	0	0	0	0	2	283.21	Person_Portable
642	80	G-18D-3A	554127.86	4484421.80	0	0	0	0	0	0	2	852.15	Person_Portable
643	81	G-18D-3A	554124.90	4484423.85	0	0	0	0	0	0	1	18.35	Person_Portable
644	82	G-18D-3A	554124.90	4484424.85	0	0	0	0	0	0	1	19.45	Person_Portable
645	83	G-18D-3A	554120.33	4484422.44	0	0	0	0	0	0	1	9.02	Person_Portable
646	84	G-18D-3A	554120.25	4484421.60	0	0	0	0	0	0	1	24.71	Person_Portable
647	85	G-18D-3A	554121.23	4484421.32	0	0	0	0	0	0	1	12.89	Person_Portable
648	86	G-18D-3A	554121.05	4484420.44	0	0	0	0	0	0	1	9.82	Person_Portable
649	87	G-18D-3A	554120.25	4484419.80	0	0	0	0	0	0	1	12.08	Person_Portable
650	88	G-18D-3A	554120.85	4484418.45	0	0	0	0	0	0	1	11.63	Person_Portable
651	89	G-18D-3A	554119.85	4484417.70	0	0	0	0	0	0	1	10.37	Person_Portable
652	90	G-18D-3A	554119.20	4484419.05	0	0	0	0	0	0	1	9.03	Person_Portable
653	91	G-18D-3A	554118.08	4484420.00	0	0	0	0	0	0	1	6.65	Person_Portable
654	92	G-18D-3A	554116.93	4484420.13	0	0	0	0	0	0	1	11.99	Person_Portable
655	93	G-18D-3A	554117.76	4484418.95	0	0	0	0	0	0	1	5.07	Person_Portable
656	94	G-18D-3A	554116.80	4484417.40	0	0	0	0	0	0	1	12.35	Person_Portable
657	95	G-18D-3A	554115.60	4484419.23	0	0	0	0	0	0	1	44.53	Person_Portable
658	96	G-18D-3A	554112.90	4484417.40	0	0	0	0	0	0	1	202.43	Person_Portable
659	97	G-18D-3A	554114.55	4484415.90	0	0	0	0	0	0	1	23.03	Person_Portable
660	98	G-18D-3A	554115.45	4484415.60	0	0	0	0	0	0	1	16.96	Person_Portable
661	99	G-18D-3A	554115.25	4484414.47	0	0	0	0	0	0	1	4.61	Person_Portable
662	100	G-18D-3A	554116.30	4484413.23	0	0	0	0	0	0	1	64.44	Person_Portable
663	101	G-18D-3A	554114.25	4484411.40	0	0	0	0	0	0	1	353.79	Person_Portable
664	102	G-18D-3A	554116.95	4484410.95	0	0	0	0	0	0	1	18.33	Person_Portable
665	103	G-18D-3A	554116.46	4484409.93	0	0	0	0	0	0	1	15.56	Person_Portable
666	104	G-18D-3A	554117.56	4484407.85	0	0	0	0	0	0	1	4.62	Person_Portable

2013 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
667	105	G-18D-3A	554118.30	4484409.30	0	0	0	0	0	0	1	6.33	Person_Portable
668	106	G-18D-3A	554119.05	4484409.75	0	0	0	0	0	0	1	6.59	Person_Portable
669	107	G-18D-3A	554118.05	4484412.41	0	0	0	0	0	0	1	15.91	Person_Portable
670	108	G-18D-3A	554119.01	4484413.16	0	0	0	0	0	0	1	18.59	Person_Portable
671	109	G-18D-3A	554117.85	4484414.05	0	0	0	0	0	0	1	406.27	Person_Portable
672	110	G-18D-3A	554116.99	4484414.99	0	0	0	0	0	0	1	9.20	Person_Portable
673	111	G-18D-3A	554118.15	4484415.63	0	0	0	0	0	0	1	7.02	Person_Portable
674	112	G-18D-3A	554119.80	4484416.65	0	0	0	0	0	0	1	16.30	Person_Portable
675	113	G-18D-3A	554120.40	4484415.24	0	0	0	0	0	0	1	24.17	Person_Portable
676	114	G-18D-3A	554121.30	4484415.00	0	0	0	0	0	0	1	24.61	Person_Portable
677	115	G-18D-3A	554123.10	4484414.40	0	0	0	0	0	0	1	10.35	Person_Portable
678	116	G-18D-3A	554122.20	4484413.60	0	0	0	0	0	0	1	10.52	Person_Portable
679	117	G-18D-3A	554123.25	4484410.65	0	0	0	0	0	0	1	18.25	Person_Portable
680	118	G-18D-3A	554125.20	4484409.30	0	0	0	0	0	0	3	45.79	Person_Portable
681	119	G-18D-3A	554126.47	4484408.36	0	0	0	0	0	0	3	24.58	Person_Portable
682	120	G-18D-3A	554124.99	4484407.36	0	0	0	0	0	0	3	25.64	Person_Portable
683	121	G-18D-3A	554124.30	4484408.70	0	0	0	0	0	0	3	50.72	Person_Portable
684	122	G-18D-3A	554123.40	4484408.10	0	0	0	0	0	0	3	46.41	Person_Portable
685	123	G-18D-3A	554122.20	4484407.35	0	0	0	0	0	0	3	42.92	Person_Portable
686	124	G-18D-3A	554123.44	4484405.64	0	0	0	0	0	0	1	6.30	Person_Portable
687	125	G-18D-3A	554122.40	4484405.17	0	0	0	0	0	0	1	17.77	Person_Portable
688	126	G-18D-3A	554121.42	4484405.92	0	0	0	0	0	0	3	34.84	Person_Portable
689	127	G-18D-3A	554120.55	4484407.05	0	0	0	0	0	0	3	61.55	Person_Portable
690	128	G-18D-3A	554119.05	4484405.25	0	0	0	0	0	0	3	53.31	Person_Portable
691	129	G-18D-3A	554120.22	4484405.16	0	0	0	0	0	0	3	33.67	Person_Portable
692	130	G-18D-3A	554121.45	4484404.50	0	0	0	0	0	0	1	70.76	Person_Portable
693	131	G-18D-3A	554121.97	4484403.07	0	0	0	0	0	0	1	60.80	Person_Portable
694	132	G-18D-3A	554120.40	4484401.90	0	0	0	0	0	0	1	30.52	Person_Portable
695	133	G-18D-3A	554121.04	4484401.08	0	0	0	0	0	0	1	32.21	Person_Portable
696	134	G-18D-3A	554128.00	4484390.59	0	0	0	0	0	0	8	999.00	Person_Portable
697	1	G-18D-4A	554145.60	4484419.65	0	0	0	0	0	0	9	13.13	Person_Portable
698	2	G-18D-4A	554145.98	4484424.54	0	0	0	0	0	0	9	45.67	Person_Portable
699	3	G-18D-4A	554143.80	4484425.30	0	0	0	0	0	0	9	41.53	Person_Portable
700	4	G-18D-4A	554143.28	4484426.31	0	0	0	0	0	0	9	34.29	Person_Portable
701	5	G-18D-4A	554142.56	4484427.78	0	0	0	0	0	0	1	39.77	Person_Portable
702	6	G-18D-4A	554144.10	4484429.40	0	0	0	0	0	0	1	6.35	Person_Portable
703	7	G-18D-4A	554142.10	4484428.73	0	0	0	0	0	0	1	60.92	Person_Portable

2013 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
704	8	G-18D-4A	554139.00	4484430.90	0	0	0	0	0	0	1	8.25	Person_Portable
705	9	G-18D-4A	554141.55	4484432.85	0	0	0	0	0	0	1	42.78	Person_Portable
706	10	G-18D-4A	554142.45	4484433.90	0	0	0	0	0	0	1	96.66	Person_Portable
707	11	G-18D-4A	554142.45	4484435.70	0	0	0	0	0	0	1	25.21	Person_Portable
708	12	G-18D-4A	554140.87	4484435.59	0	0	0	0	0	0	1	6.49	Person_Portable
709	13	G-18D-4A	554141.25	4484436.65	0	0	0	0	0	0	1	25.59	Person_Portable
710	14	G-18D-4A	554142.60	4484436.77	0	0	0	0	0	0	1	8.32	Person_Portable
711	15	G-18D-4A	554144.28	4484436.31	0	0	0	0	0	0	1	11.77	Person_Portable
712	16	G-18D-4A	554144.90	4484437.34	0	0	0	0	0	0	1	19.70	Person_Portable
713	17	G-18D-4A	554148.60	4484441.50	0	0	0	0	0	0	1	91.34	Person_Portable
714	18	G-18D-4A	554149.65	4484439.75	0	0	0	0	0	0	1	35.02	Person_Portable
715	19	G-18D-4A	554150.56	4484438.75	0	0	0	0	0	0	1	12.54	Person_Portable
716	20	G-18D-4A	554152.05	4484437.20	0	0	0	0	0	0	1	113.42	Person_Portable
717	21	G-18D-4A	554153.10	4484436.75	0	0	0	0	0	0	1	88.35	Person_Portable
718	22	G-18D-4A	554154.30	4484436.40	0	0	0	0	0	0	1	149.08	Person_Portable
719	23	G-18D-4A	554155.20	4484438.55	0	0	0	0	0	0	1	42.58	Person_Portable
720	24	G-18D-4A	554152.85	4484438.25	0	0	0	0	0	0	1	9.98	Person_Portable
721	25	G-18D-4A	554153.26	4484439.21	0	0	0	0	0	0	1	11.51	Person_Portable
722	26	G-18D-4A	554154.15	4484440.20	0	0	0	0	0	0	1	51.05	Person_Portable
723	27	G-18D-4A	554154.60	4484444.25	0	0	0	0	0	0	2	1181.73	Person_Portable
724	28	G-18D-4A	554156.40	4484443.35	0	0	0	0	0	0	2	1839.61	Person_Portable
725	29	G-18D-4A	554159.40	4484442.30	0	0	0	0	0	0	2	394.84	Person_Portable
726	30	G-18D-4A	554161.50	4484441.70	0	0	0	0	0	0	2	10175.89	Person_Portable
727	31	G-18D-4A	554163.90	4484440.50	0	0	0	0	0	0	2	678.19	Person_Portable
728	32	G-18D-4A	554166.75	4484439.60	0	0	0	0	0	0	2	1210.11	Person_Portable
729	33	G-18D-4A	554163.45	4484438.55	0	0	0	0	0	0	1	15.57	Person_Portable
730	34	G-18D-4A	554161.95	4484436.15	0	0	0	0	0	0	1	20.89	Person_Portable
731	35	G-18D-4A	554161.05	4484439.90	0	0	0	0	0	0	1	11.19	Person_Portable
732	36	G-18D-4A	554159.25	4484439.15	0	0	0	0	0	0	1	28.94	Person_Portable
733	37	G-18D-4A	554158.20	4484437.80	0	0	0	0	0	0	1	94.29	Person_Portable
734	38	G-18D-4A	554157.90	4484435.85	0	0	0	0	0	0	1	108.82	Person_Portable
735	39	G-18D-4A	554157.30	4484434.80	0	0	0	0	0	0	1	149.05	Person_Portable
736	40	G-18D-4A	554157.15	4484433.55	0	0	0	0	0	0	1	9.27	Person_Portable
737	41	G-18D-4A	554155.65	4484434.05	0	0	0	0	0	0	1	9.02	Person_Portable
738	42	G-18D-4A	554155.93	4484432.85	0	0	0	0	0	0	1	6.32	Person_Portable
739	43	G-18D-4A	554157.45	4484431.50	0	0	0	0	0	0	9	56.87	Person_Portable
740	44	G-18D-4A	554154.00	4484431.40	0	0	0	0	0	0	9	7.95	Person_Portable

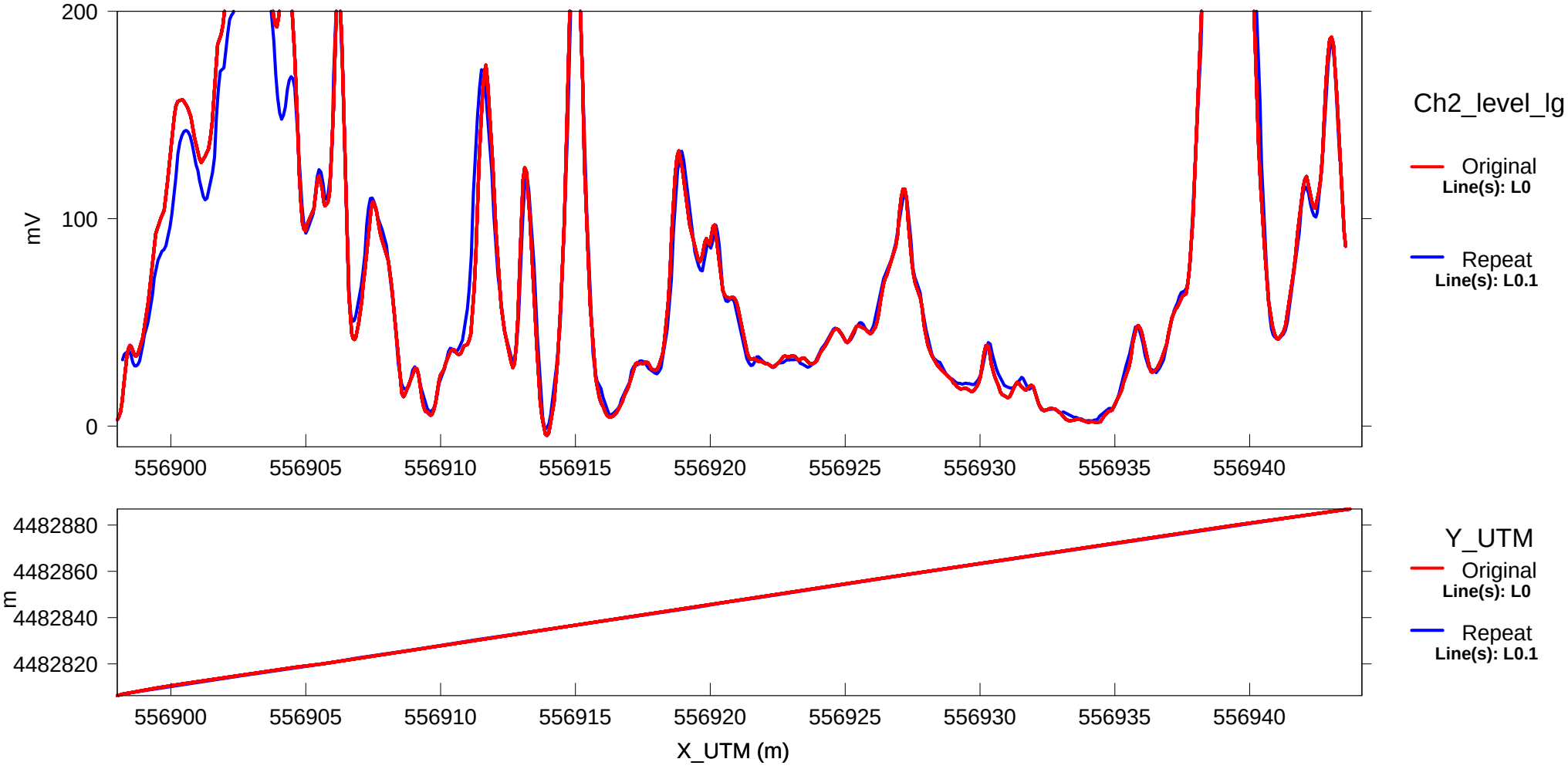
2013 Master Person Portable Target List

Count_ID	Target_ID	GRIDCELLID	X_UTM	Y_UTM	X_UTM2	Y_UTM2	X_UTM3	Y_UTM3	X_UTM4	Y_UTM4	TYPE	AMPLITUDE	DGM_Method
741	45	G-18D-4A	554153.66	4484432.34	0	0	0	0	0	0	1	6.91	Person_Portable
742	46	G-18D-4A	554152.50	4484434.35	0	0	0	0	0	0	1	12.40	Person_Portable
743	47	G-18D-4A	554151.30	4484435.70	0	0	0	0	0	0	1	8.12	Person_Portable
744	48	G-18D-4A	554149.65	4484434.80	0	0	0	0	0	0	1	9.05	Person_Portable
745	49	G-18D-4A	554150.70	4484433.30	0	0	0	0	0	0	1	13.11	Person_Portable
746	50	G-18D-4A	554149.50	4484433.55	0	0	0	0	0	0	1	13.61	Person_Portable
747	51	G-18D-4A	554147.95	4484433.46	0	0	0	0	0	0	1	5.43	Person_Portable
748	52	G-18D-4A	554148.90	4484432.10	0	0	0	0	0	0	1	20.22	Person_Portable
749	53	G-18D-4A	554150.10	4484430.90	0	0	0	0	0	0	1	16.66	Person_Portable
750	54	G-18D-4A	554148.75	4484430.90	0	0	0	0	0	0	1	18.31	Person_Portable
751	55	G-18D-4A	554146.95	4484428.80	0	0	0	0	0	0	1	14.95	Person_Portable
752	56	G-18D-4A	554153.10	4484425.05	0	0	0	0	0	0	9	261.50	Person_Portable
753	57	G-18D-4A	554152.65	4484422.35	0	0	0	0	0	0	9	167.10	Person_Portable
754	58	G-18D-4A	554154.00	4484419.80	0	0	0	0	0	0	9	102.01	Person_Portable
755	59	G-18D-4A	554151.90	4484419.35	0	0	0	0	0	0	9	25.22	Person_Portable
756	60	G-18D-4A	554147.75	4484416.55	0	0	0	0	0	0	9	9.86	Person_Portable
757	61	G-18D-4A	554149.35	4484415.75	0	0	0	0	0	0	9	4.30	Person_Portable
758	62	G-18D-4A	554149.05	4484413.65	0	0	0	0	0	0	9	4.93	Person_Portable
759	63	G-18D-4A	554152.88	4484407.43	0	0	0	0	0	0	8	999.00	Person_Portable
		T18D3-1									NOT TARGETED_EPA Area		Person_Portable
		T18D3-2									NOT TARGETED_EPA Area		Person_Portable
		T18D3-3									NOT TARGETED_EPA Area		Person_Portable
		T18D3-4									NOT TARGETED_EPA Area		Person_Portable
		T18D3-5									NOT TARGETED_EPA Area		Person_Portable
		T18D3-6									NOT TARGETED_EPA Area		Person_Portable
		T18D3-7									NOT TARGETED_EPA Area		Person_Portable
		T18D3-8									NOT TARGETED_EPA Area		Person_Portable
		T18D3-9									NOT TARGETED_EPA Area		Person_Portable
		T18D3-10									NOT TARGETED_EPA Area		Person_Portable
		T18D3-11									NOT TARGETED_EPA Area		Person_Portable
		T18D3-12									NOT TARGETED_EPA Area		Person_Portable
		T18D3-13									NOT TARGETED_EPA Area		Person_Portable
		T18D3-14									NOT TARGETED_EPA Area		Person_Portable
		T18D3-15									NOT TARGETED_EPA Area		Person_Portable
		T18D3-16									NOT TARGETED_EPA Area		Person_Portable
		T18D3-17									NOT TARGETED_EPA Area		Person_Portable
		TDSA5-16A									NO TARGETS		Person_Portable

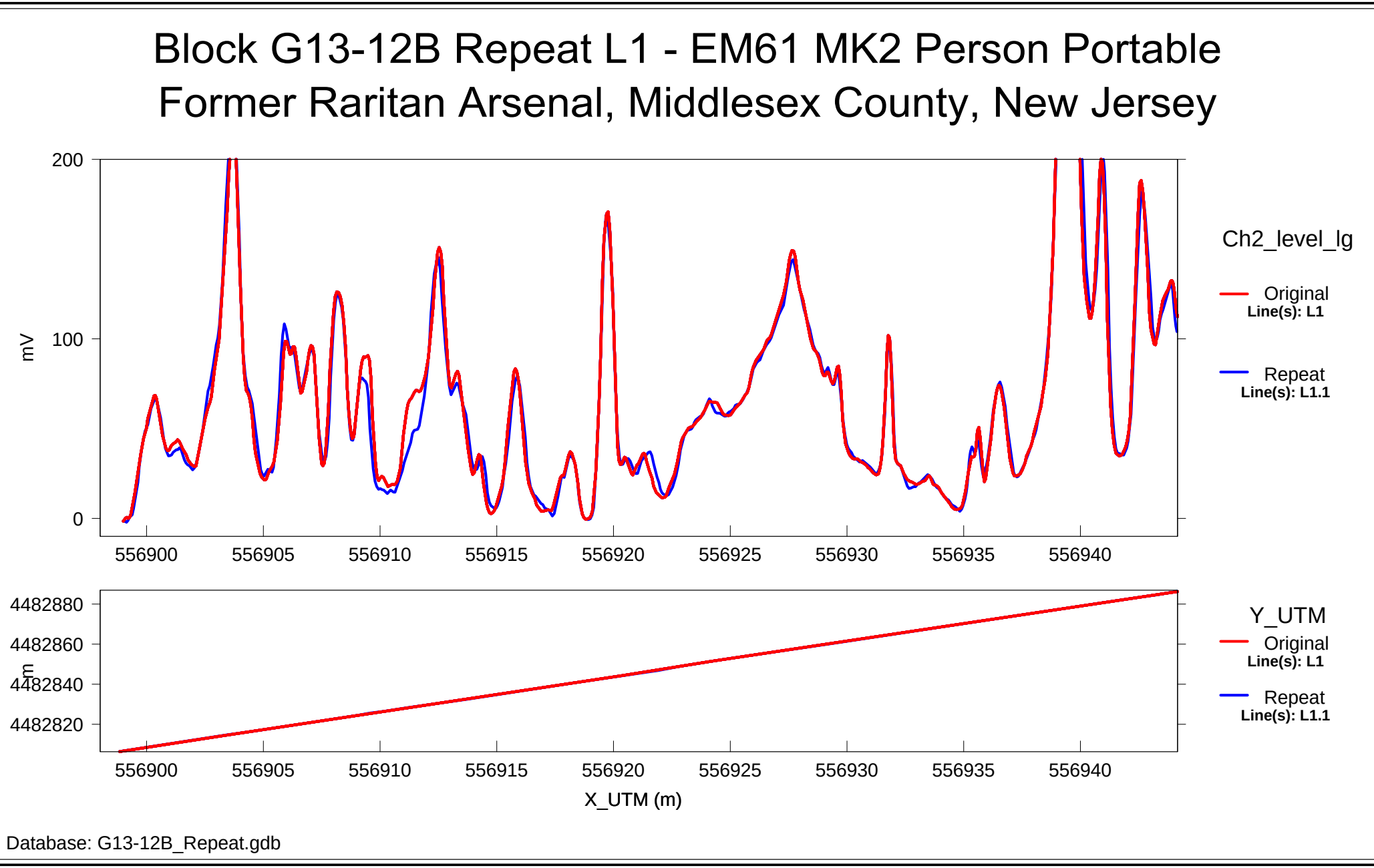
Appendix C

Sample Repeat Mosaic

Block G13-12B Repeat L0 - EM61 MK2 Person Portable
Former Raritan Arsenal, Middlesex County, New Jersey

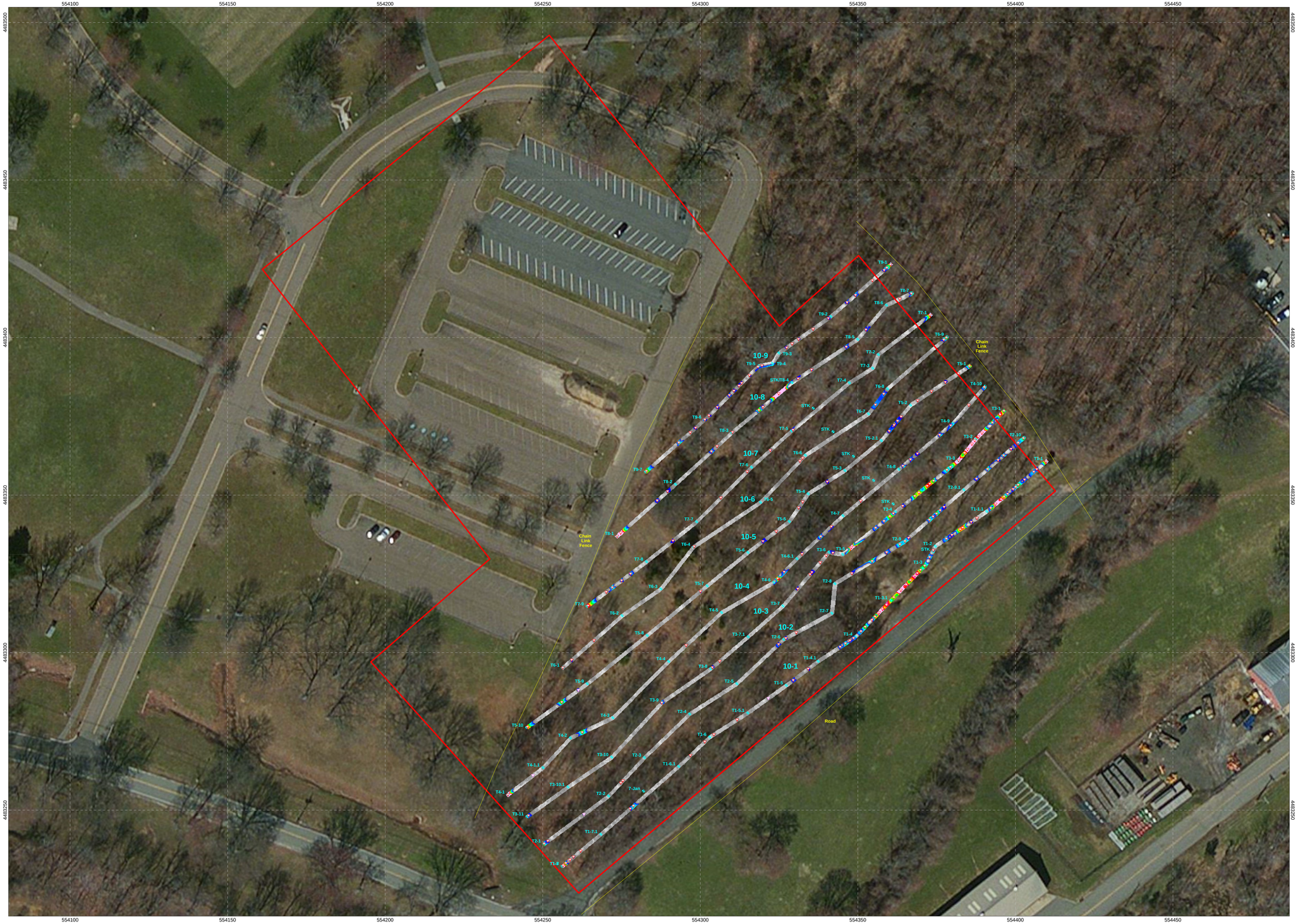


Database: G13-12B_Repeat.gdb


Block G13-12B Repeat L1 - EM61 MK2 Person Portable
Former Raritan Arsenal, Middlesex County, New Jersey
200
100
0
mV
556900
556905
556910
556915
556920
556925
556930
556935
556940
Ch2_level_lg
Original
Line(s): L1
Repeat
Line(s): L1.1
4482880
4482860
4482840
4482820
m
Y_UTM
Original
Line(s): L1
Repeat
Line(s): L1.1
X_UTM (m)
Database: G13-12B_Repeat.gdb

Appendix D

Mosaics



NAEVA GEOPHYSICS INC.
Subsurface Geophysical Surveys

Aerial Photograph from Bing Maps

mV
Channel 2
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2
1
0

Legend

- Area Boundary
- Culture (if noted)
- Stake
- Saturated Response Area (SRA) (if noted)

Selected Targets

- 1 - Point
- 2 - Culture
- 3 - Suspected Culture
- 4 - Picked Outside of Target Area
- 5 - Hazard Deviation
- 6 - Anomaly Selected Below Established Threshold
- 7 - Data Spike (Terrain Response, Ambient Noise, Poor Decays)
- 8 - Saturated Response Area (SRA)
- 9 - Selected within SRA
- 10 - Side Scan Sonar Target (SSS)
- 11 - IVS Seed
- 12 - Selected Based on Both 2013 and 2014 Data
- 13 - Previously Investigated, Anomaly Still Present

N

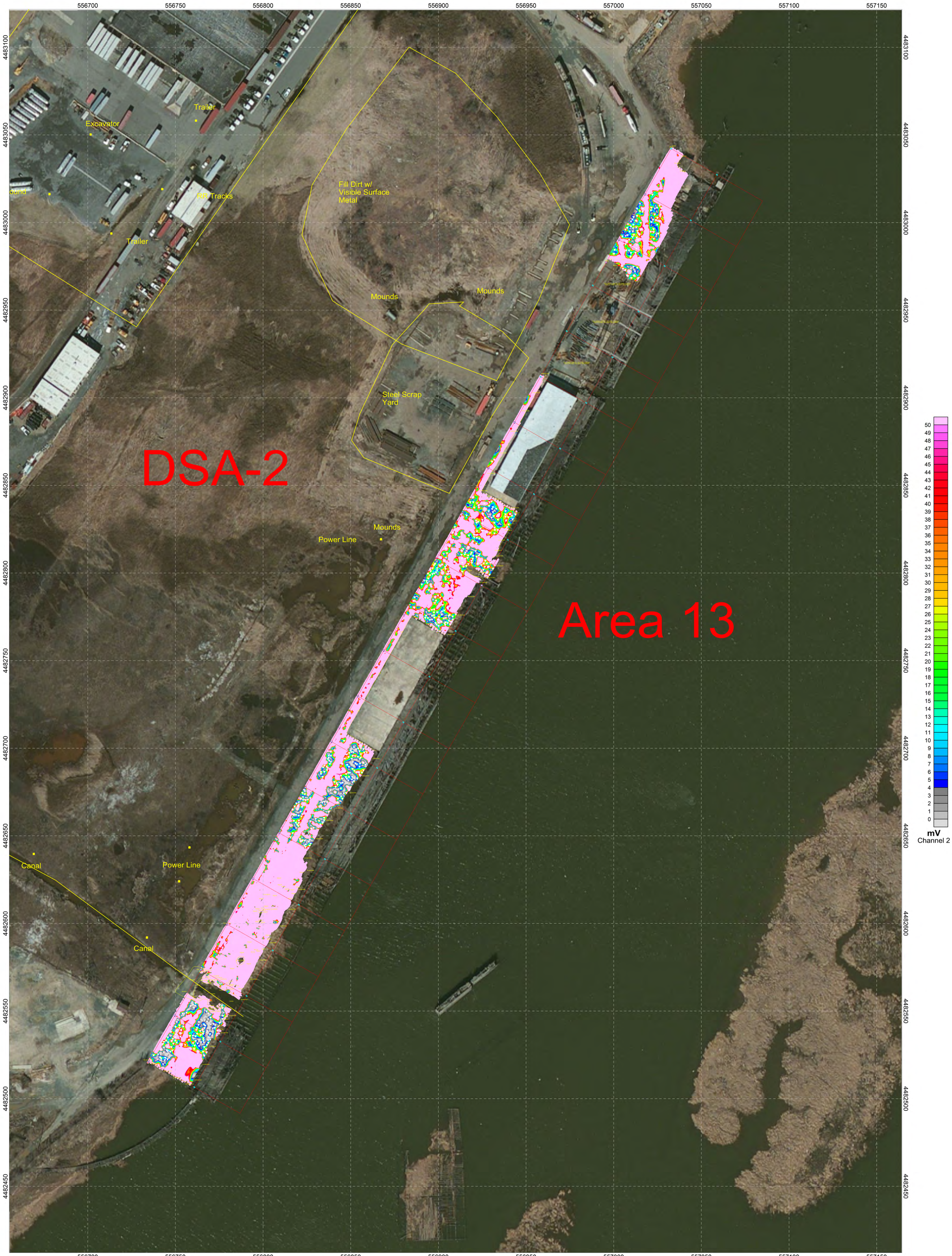
10 0 10 20 30 40
(meters)
NAD83 / UTM zone 18N

Client: CH2M HILL

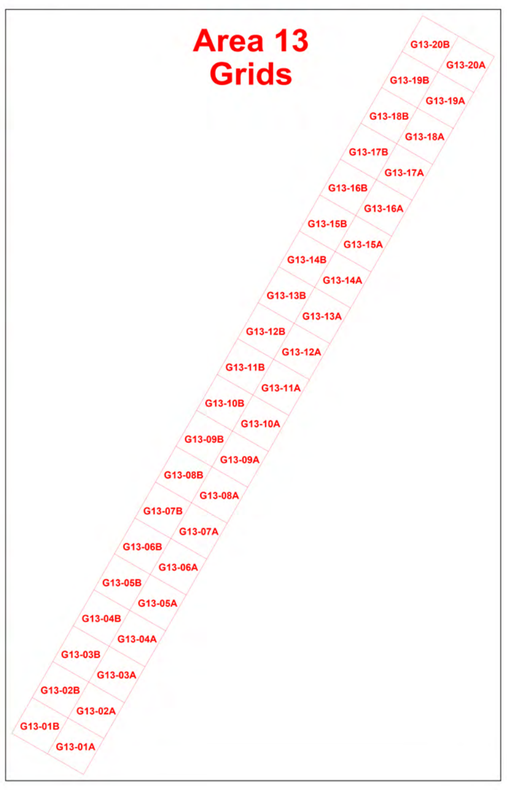
EM61 MK2 Bottom Coil - Person Portable
Mosaic
Area 10 Munitions Response Area
Former Raritan Arsenal
Edison, Middlesex County, New Jersey

Date of Survey: 12/05/2013
Date of Map Creation: 03/20/2014

Map Approver: J. Guillard



Aerial Photograph from Bing Maps



Legend

- Area Boundary
- brush — Culture (if noted)
- Stake
- Saturated Response Area (SRA) (if noted)

Selected Targets

- 1 - Point
- 2 - Culture
- 3 - Suspected Culture
- 4 - Picked Outside of Target Area
- 5 - Hazard Deviation
- 6 - Anomaly Selected Below Established Threshold
- 7 - Data Spike (Terrain Response, Ambient Noise, Poor Decays)
- 8 - Saturated Response Area (SRA)
- 9 - Selected within SRA
- 10 - Side Scan Sonar Target (SSS)
- 11 - IVS Seed
- 12 - Selected Based on Both 2013 and 2014 Data
- 13 - Previously Investigated, Anomaly Still Present

20 0 20 40 60
(meters)
NAD83 / UTM zone 18N

NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
Subsurface Geophysical Surveys

Client: CH2M HILL

EM61 MK2 Bottom Coil - Person Portable
Mosaic
Area 13 Munitions Response Area
Former Raritan Arsenal
Edison, Middlesex County, New Jersey

Dates of Survey: 03/24/2014 & 03/25/2014
Date of Map Creation: 04/04/2014

Map Approver: J. Guillard

NAEVA GEOPHYSICS INC.
Subsurface Geophysical Surveys

554050 554100 554150 554200 554250 554300

4484500 4484450 4484400 4484350

NO SELECTED TARGETS IN EPA AREA

G-18D-1A G-18D-2A G-18D-3A G-18D-4A G-18D-4B

Housing Development Fence Paved Road Ravine Building Trees & Snowbanks Island Industrial Area Pole Light Bush Gas Line Water Line Overhead Wires Ground Level Underground Utilities Culture Intervention Fence Offset Mag Pol 1–8 Mag 1B–8B Stk 1A–16A Stk 1B–16B Set Stk 1A–5B Set Stk 1A No Elev 18D-1–18D-14

Aerial Photograph from Bing Maps

AREA 18D

50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0

mV
Channel 2

Legend

- Area Boundary
- Culture (if noted)
- Stake
- Saturated Response Area (SRA) (if noted)
- EPA Area Interpreted Subsurface Features

Selected Targets

- 1 - Point
- 2 - Culture
- 3 - Suspected Culture
- 4 - Picked Outside of Target Area
- 5 - Hazard Deviation
- 6 - Anomaly Selected Below Established Threshold
- 7 - Data Spike (Terrain Response, Ambient Noise, Poor Decays)
- 8 - Saturated Response Area (SRA)
- 9 - Selected within SRA
- 10 - Side Scan Sonar Target (SSS)
- 11 - IVS Seed
- 12 - Selected Based on Both 2013 and 2014 Data
- 13 - Previously Investigated, Anomaly Still Present

N

5 0 5 10 15 20 25 30
(meters)
NAD83 / UTM zone 18N

Client: CH2M HILL

EM61 MK2 Bottom Coil - Person Portable
Mosaic
Area 18D Munitions Response Area
Former Raritan Arsenal
Edison, Middlesex County, New Jersey

Date of Survey: 02/06/2013 & 02/18/2013
Date of Map Creation: 03/20/2014

Map Approver: J. Guillard

556300 556400 556500 556600 556700 556800 556900 557000 557100 557200 557300 557400 557500

4484100 4484000 4483900 4483800 4483700 4483600 4483500 4483400 4483300

4491100 4491000 4490900 4490800 4490700 4490600 4490500 4490400 4490300

TDSA 1-6B$_{2}$ TDSA 1-5B$_{2}$ Trees Trees TDSA 1-4B$_{2}$ Trees TDSA 1-3B$_{2}$ Trees Trees TDSA 1-2B$_{2}$ Trees Road Canal Small Canal DSA1-6 DSA1-5 DSA1-4 DSA1-3 DSA1-2 DSA1-1 DSA-2 Train TDSA 1-3D$_{2}$ Trees DSA1-51 Berm TDSA 1-5C Road/Power Line TDSA 1-6A DSA1-6 Industrial Shipping Center Concrete Concrete Concrete Suspected UXO Power Line DSA1-5 TDSA 1-5A Train TDSA 1-4A Train Road TDSA 1-1B$_{2}$ TDSA 1-1A$_{2}$ RR Track Power Lines RR Tracks TDSA 1-2A RR Track TDSA 1-1A Road TDSA 2-1B$_{2}$ TDSA 2-2B$_{2}$ TDSA 2-3B$_{2}$

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Subsurface Geophysical Surveys

Aerial Photograph from Bing Maps

50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0

mV
Channel 2

Legend

- Area Boundary
- brush — Culture (if noted)
- Stake
- Saturated Response Area (SRA) (if noted)

Selected Targets

- 1 - Point
- 2 - Culture
- 3 - Suspected Culture
- 4 - Picked Outside of Target Area
- 5 - Hazard Deviation
- 6 - Anomaly Selected Below Established Threshold
- 7 - Data Spike (Terrain Response, Ambient Noise, Poor Decays)
- 8 - Saturated Response Area (SRA)
- 9 - Selected within SRA
- 10 - Side Scan Sonar Target (SSS)
- 11 - IVS Seed
- 12 - Selected Based on Both 2013 and 2014 Data
- 13 - Previously Investigated, Anomaly Still Present

25 0 25 50 75 100 125 150
(meters)
NAD83 / UTM zone 18N

Client: CH2M HILL

EM61 MK2 Bottom Coil - Person Portable & Towed Array
Mosaic
DSA-1 Munitions Response Area
Former Raritan Arsenal
Edison, Middlesex County, New Jersey

Date of Survey: Person Portable Data Collected: 12/12/2013
Towed Array Data Collected: 02/20/2014 - 02/22/2014
Date of Map Creation: 03/20/2014

Map Approver: J. Guillard

556000 556100 556200 556300 556400 556500 556600 556700 556800 556900 557000 557100 557200

4483400 4483300 4483200 4483100 4483000 4482900 4482800 4482700 4482600

DSA-1
DSA-3
Area 13
Area 12
DSA2-10
DSA2-9
DSA2-8
DSA2-7
DSA2-6
DSA2-5
DSA2-4
DSA2-3
DSA2-2
DSA2-1
Former Raritan Arsenal
TDSA 1-1A
TDSA 2-10B
TDSA 2-9B
TDSA 2-8B
TDSA 2-7B
TDSA2-10A
Canal
TDSA 2-9A
Canal
TDSA2-8A
TDSA 2-7A
TDSA 2-6B
TDSA 2-6A
TDSA 2-5A
TDSA 2-4A
TDSA 2-3A
TDSA 2-2A
TDSA 2-1A
TDSA 2-3B
TDSA 2-2B
TDSA 2-1B
TDSA 3-13A
T12T-25B
T12W-24B
TDSA 3-12A
T12T-25A
T12T-23B
T12T-22B
T12T-21B
T12T-20B
T12T-19B
T12T-24A
TDSA 3-11A
Train
Industrial Distribution Center
Excavator
Trailer
Pond
Pond
Trailer
Mounds
Fill Dirt w/ Visible Surface Metal
Mounds
Mounds
Steel Scrap Yard
Mounds
Power Line
Canal
Power Line
Canal
Canal

Aerial Photograph from Bing Maps

Legend

- Area Boundary
- Culture (if noted)
- Stake
- Saturated Response Area (SRA) (if noted)

Selected Targets

- 1 - Point
- 2 - Culture
- 3 - Suspected Culture
- 4 - Picked Outside of Target Area
- 5 - Hazard Deviation
- 6 - Anomaly Selected Below Established Threshold
- 7 - Data Spike (Terrain-Response, Ambient Noise, Poor Decays)
- 8 - Saturated Response Area (SRA)
- 9 - Selected within SRA
- 10 - Side Scan Sonar Target (SSS)
- 11 - IVS Seed
- 12 - Selected Based on Both 2013 and 2014 Data
- 13 - Previously Investigated, Anomaly Still Present

50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0

mV
Channel 2

25 0 25 50 75 100 125 150
(meters)
NAD83 / UTM zone 18N

Client: CH2M HILL

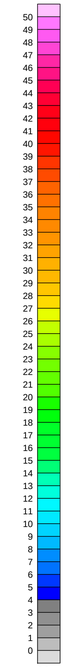
EM61 MK2 Bottom Coil - Towed Array
Mosaic
DSA-2 Munitions Response Area
Former Raritan Arsenal
Edison, Middlesex County, New Jersey

Date of Survey: 02/25/2014 & 02/28/2014
Date of Map Creation: 03/21/2014

Map Approver: J. Guillard

NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
Subsurface Geophysical Surveys

Aerial Photograph from Bing Maps

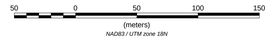


Legend

- Area Boundary
- Culture (if noted)
- Stake
- Saturated Response Area (SRA) (if noted)

Selected Targets

- 1 - Point
- 2 - Culture
- 3 - Suspected Culture
- 4 - Picked Outside of Target Area
- 5 - Hazard Deviation
- 6 - Anomaly Selected Below Established Threshold
- 7 - Data Spike (Terrain Response, Ambient Noise, Poor Decays)
- 8 - Saturated Response Area (SRA)
- 9 - Selected within SRA
- 10 - Side Scan Sonar Target (SSS)
- 11 - IVS Seed
- 12 - Selected Based on Both 2013 and 2014 Data
- 13 - Previously Investigated, Anomaly Still Present



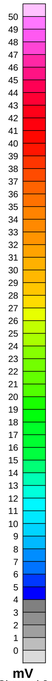
Client: CH2M HILL

EM61 MK2 Bottom Coil Person Portable & Towed Array Mosaic
DSA-3 & Area 12 Munitions Response Areas
Former Raritan Arsenal
Edison, Middlesex County, New Jersey

Date of Survey: Person Portable Data Collected: 12/13/2013
Towed Array Data Collected: 02/19/14, 02/22/14, 02/23/14, & 02/25/14
Date of Map Creation: 03/20/2014
Map Approver: J. Guillard

NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
Subsurface Geophysical Surveys

Aerial Photograph from Bing Maps



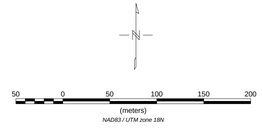
mV
Channel 2

Legend

- Area Boundary
- Culture (if noted)
- Stake
- Saturated Response Area (SRA) (if noted)

Selected Targets

- 1 - Point
- 2 - Culture
- 3 - Suspected Culture
- 4 - Picked Outside of Target Area
- 5 - Hazard Deviation
- 6 - Anomaly Selected Below Established Threshold
- 7 - Data Spike (Terrain Response, Ambient Noise, Poor Decays)
- 8 - Saturated Response Area (SRA)
- 9 - Selected within SRA
- 10 - Side Scan Sonar Target (SSS)
- 11 - IVS Seed
- 12 - Selected Based on Both 2013 and 2014 Data
- 13 - Previously Investigated, Anomaly Still Present



Client: CH2M HILL
EM61 MK2 Bottom Coil - Person Portable Mosaic DSA-4 Munitions Response Area Former Raritan Arsenal Edison, Middlesex County, New Jersey
Date of Survey: 03/27/2014 & 03/28/2014 Date of Map Creation: 04/04/2014
Map Approver: J. Guillard

NAEVA GEOPHYSICS INC.
Subsurface Geophysical Surveys

Aerial Photograph from Bing Maps

554800 554900 555000 555100 555200 555300 555400 555500 555600 555700 555800 555900 556000 556100 556200 556300 556400 556500 556600 556700 556800 556900 557000 557100 557200 557300 557400

4482000 4481900 4481800 4481700 4481600 4481500 4481400 4481300 4481200 4481100 4481000 4480900 4480800

DSA-3
DSA5-4
DSA5-5
DSA5-6
DSA5-7
DSA5-8
DSA5-9
DSA5-10
DSA5-11
DSA5-12
DSA5-13
DSA5-14
DSA5-15
DSA5-16
DSA5-17
DSA5-18
DSA5-19
DSA5-20
DSA5-21
DSA5-22
DSA5-23
DSA5-24
DSA5-25
30DSA5-1
30DSA5-2
30DSA5-3
30DSA5-4
30DSA5-5
30DSA5-6
30DSA5-7

Not accessible in Feb 2014 due to new fences on both sides of utility road
Started closer to stake in 2014
Residential Boundary Access denied to Collect DGM in Feb 2014
Housing Development
Road with Cables
Power Lines
Power Line Pole
Paved Road
Ice Pond
Frozen Pond
Tree Cover
Trees
Berm
Mound
Canal
Creek
Fence
Pond

Legend

- Area Boundary
- Culture (if noted)
- Stake
- Saturated Response Area (SRA) (if noted)

Selected Targets

- 1 - Point
- 2 - Culture
- 3 - Suspected Culture
- 4 - Picked Outside of Target Area
- 5 - Hazard Deviation
- 6 - Anomaly Selected Below Established Threshold
- 7 - Data Spike (Terrain Response, Ambient Noise, Poor Decays)
- 8 - Saturated Response Area (SRA)
- 9 - Selected within SRA
- 10 - Side Scan Sonar Target (SSS)
- 11 - IVS Seed
- 12 - Selected Based on Both 2013 and 2014 Data
- 13 - Previously Investigated, Anomaly Still Present

50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0

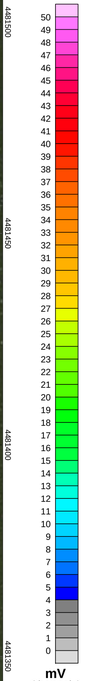
mV
Channel 2

50 0 50 100 150 200 250 300
(meters)
NAD83 / UTM zone 18N

Client: CH2M HILL
EM61 MK2 Bottom Coil Person Portable & Towed Array Mosaic DSA-5 Munitions Response Area Former Raritan Arsenal Edison, Middlesex County, New Jersey
Date of Survey: Person Portable Data Collected: 12/13/2013, 12/17/2013, & 12/18/2013. Towed Array Data Collected: 02/24/2014, 02/26/2014, 02/27/2014, 03/01/2014 & 03/02/2014 Date of Map Creation: 03/20/2014
Map Approver: J. Guillard

NAEVA GEOPHYSICS INC.
Subsurface Geophysical Surveys

Aerial Photograph from Bing Maps

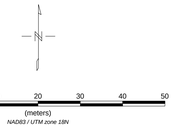


Legend

- Area Boundary
- Culture (if noted)
- Stake
- Saturated Response Area (SRA) (if noted)

Selected Targets

- 1 - Point
- 2 - Culture
- 3 - Suspected Culture
- 4 - Picked Outside of Target Area
- 5 - Hazard Deviation
- 6 - Anomaly Selected Below Established Threshold
- 7 - Data Spike (Terrain Response, Ambient Noise, Poor Decays)
- 8 - Saturated Response Area (SRA)
- 9 - Selected within SRA
- 10 - Side Scan Sonar Target (SSS)
- 11 - IVS Seed
- 12 - Selected Based on Both 2013 and 2014 Data
- 13 - Previously Investigated, Anomaly Still Present



Client: CH2M HILL
EM61 MK2 Bottom Coil - Person Portable Mosaic DSA-6 Munitions Response Area Former Raritan Arsenal Edison, Middlesex County, New Jersey
Date of Survey: 03/25/2014 Date of Map Creation: 04/04/2014
Map Approver: J. Guillard

Appendix E

Data Interpretation Documents

Previously Investigated Targets with a Found Item from December 2013 but February 2014 Line Path Does NOT Follow

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
6	TDSA1-3	556696.65	4483823.25	16.102	mV
8	TDSA1-3	556709.55	4483814.55	23.727	mV
19	TDSA1-3	556921.709	4483669.668	45.755	mV
20	TDSA1-3	556921.8	4483668.45	23.332	mV
38	TDSA1-3	557033.1	4483587.6	6.078	mV
40	TDSA1-3	557038.65	4483581.75	21.539	mV
41	TDSA1-3	557047.35	4483576.35	9.686	mV
44	TDSA1-3	557063.55	4483563.9	17.765	mV
45	TDSA1-3	557065.2	4483562.7	19.481	mV
52	TDSA1-3	557092.083	4483524.15	47.66	mV
54	TDSA1-3	557093.25	4483521.3	4503.479	mV
65	TDSA1-4	557119.8	4483638.15	82.264	mV
69	TDSA1-4	557123.456	4483635.239	5.37	mV
71	TDSA1-4	557126.25	4483632.75	51.702	mV
74	TDSA1-4	557129.25	4483628.55	551.112	mV
78	TDSA1-4	557134.2	4483623.45	87.302	mV
86	TDSA1-4	557141.744	4483616.75	164.98	mV
104	TDSA1-4	557177.404	4483591.128	5.061	mV
115	TDSA1-4	557212.406	4483569.727	137.751	mV
116	TDSA1-4	557221.657	4483559.647	470.552	mV
132	TDSA1-4	557239.8	4483553.55	54.746	mV
133	TDSA1-4	557240.228	4483551.846	72.527	mV
134	TDSA1-4	557242.35	4483553.7	48.326	mV
56	TDSA1-5	557231.1	4483626	316.138	mV
57	TDSA1-6	557185.65	4483726.05	10.827	mV
58	TDSA1-6	557186.55	4483726.8	33.574	mV
59	TDSA1-6	557187	4483724.85	8.464	mV
60	TDSA1-6	557187.964	4483724.046	4.572	mV
61	TDSA1-6	557188.8	4483726.05	24.524	mV
63	TDSA1-6	557190.45	4483724.55	8.389	mV
64	TDSA1-6	557192.4	4483721.55	4.244	mV
68	TDSA1-6	557196.048	4483719.872	6.333	mV
69	TDSA1-6	557197.161	4483718.65	13.791	mV
75	TDSA1-6	557206.2	4483710.75	33.075	mV
76	TDSA1-6	557207.041	4483709.758	26.745	mV
78	TDSA1-6	557210.1	4483706.7	29.522	mV
79	TDSA1-6	557211.297	4483707.478	29.735	mV
82	TDSA1-6	557214.9	4483705.8	7.974	mV
83	TDSA1-6	557216.009	4483701.93	18.8	mV
84	TDSA1-6	557235.617	4483730.582	107.408	mV
85	TDSA1-6	557238.15	4483730.1	16.92	mV
86	TDSA1-6	557239.346	4483729.118	5.482	mV
87	TDSA1-6	557239.873	4483728.378	4.898	mV
46	TDSA3-9	555789.69	4482577.453	6.864	mV
71	TDSA3-12	556090.702	4482737.965	9.503	mV

2	T12T-8	556454.382	4482278.85	15.05	mV
20	T12T-9	556564.513	4482352.035	43.339	mV
22	T12T-9	556577.076	4482354.471	20.209	mV
14	T12T-15	556312.305	4482359.074	11.94	mV
25	T12T-15	556355.02	4482372.97	89.813	mV
12	T12T-16	556333.792	4482403.381	4.981	mV
13	T12T-16	556353.157	4482409.536	4.04	mV
46	TDSA3-9	555789.7	4482577	6.864	mV
71	TDSA3-12	556090.7	4482738	9.503	mV

Good Response in 2013 Data Not Investigated that has NO Response in 2014 Data

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
59	T12T-6	556280.4	4482161	11.067	mV
54	T12T-10	556008.7	4482108	8.899	mV
44	T12T-10	555973.7	4482095	18.138	mV
60	T12T-12	556217.8	4482238	55.206	mV
50	T12T-12	556203.2	4482232	45.798	mV
23	T12T-12	555890.9	4482133	17.598	mV
32	T12T-13	556177.1	4482258	29.882	mV
6	T12T-24	556065.2	4482563	8.284	mV
75	T12T-12	556239.2	4482246	37.315	mV
15	TDSA3-4	555291.6	4482105	19.614	mV
82	TDSA5-12	556040.1	4481132	8.202	mV
138	TDSA5-22A	556997.7	4481581	7.079	mV
28	TDSA5-24	557259	4481314	10.291	mV

Good Anomalies in 2013 data – No Anomalies in 2014 data

Former Raritan Arsenal

Overview and Legend

- Included are screenshots of December 2013 Data and the corresponding 2014 data.
- These show anomalies in 2013 data that were not investigated, but the 2014 data does not show an anomaly at the location of the 2013 target.
- This assumes that December 2013 data and February 2014 follow the same path.

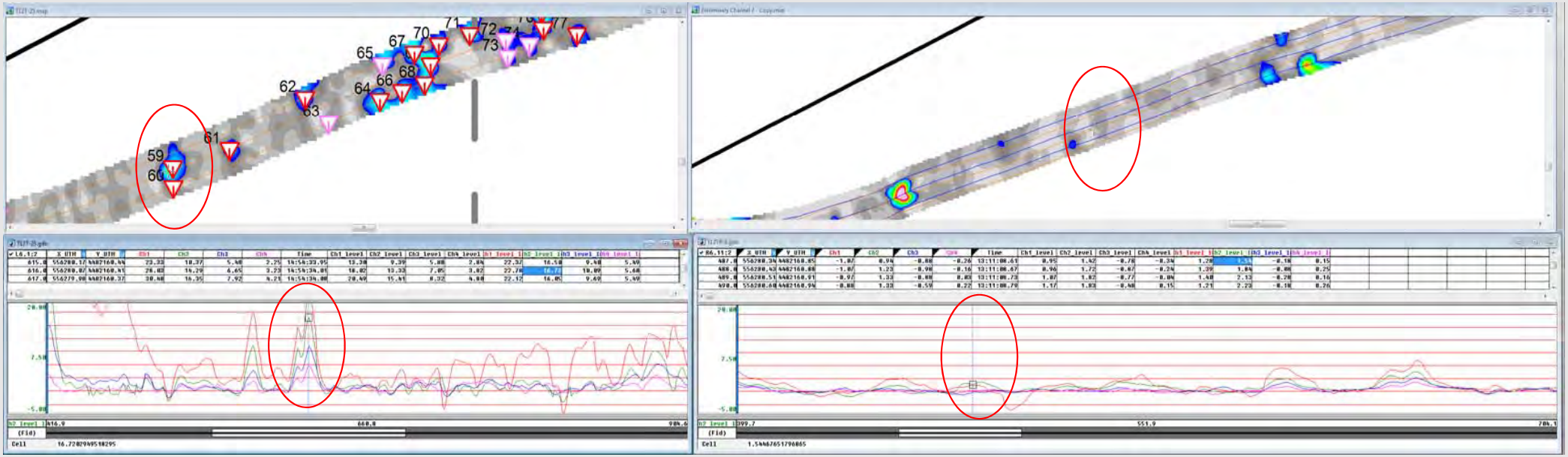
Line Path: ORANGE = December 2013 Data BLUE = February 2014 Data

Block T12TR-9 Transect T12TR-6

2013

2014

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
59	T12T-6	556280.359	4482160.693	11.067	mV

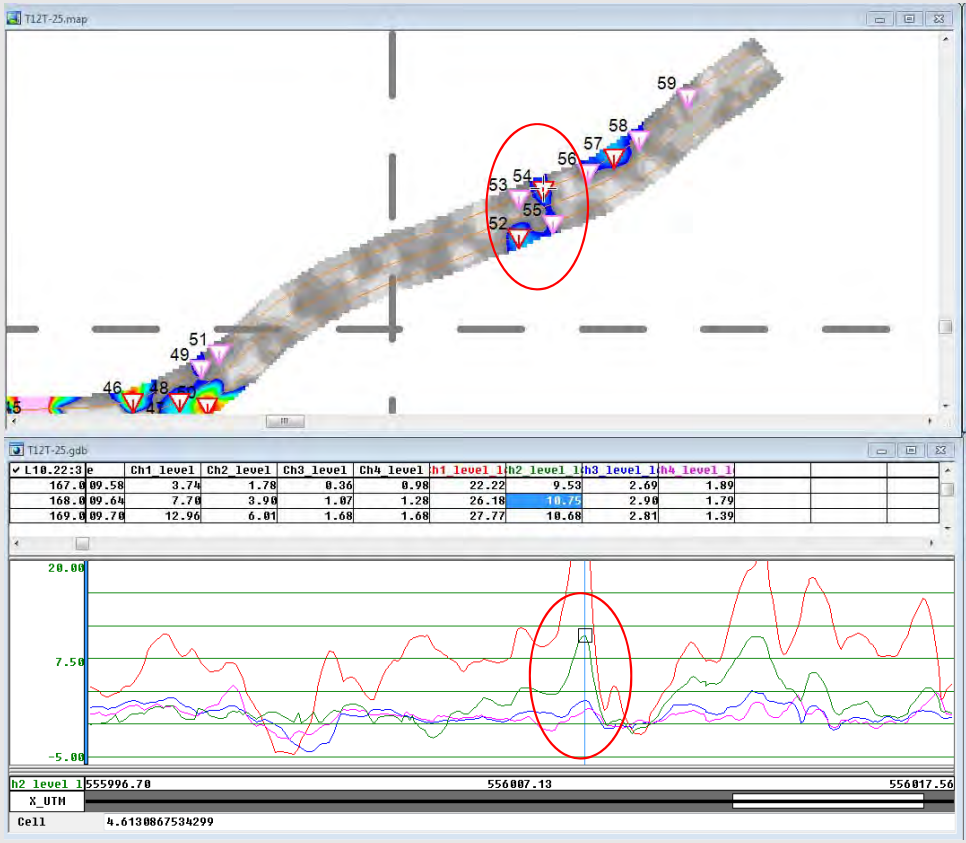


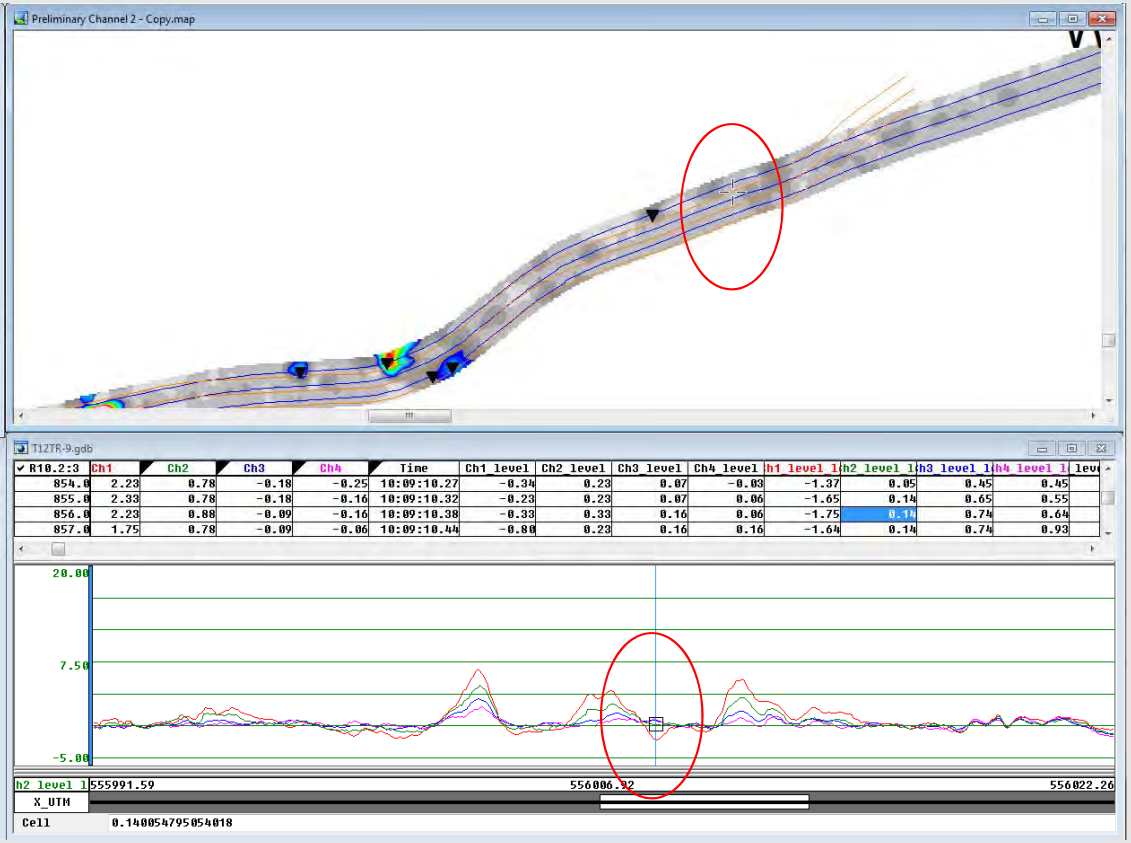
Block T12TR-9 Transect T12TR-10

2013

2014

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
54	T12T-10	556008.681	4482108.099	8.899	mV



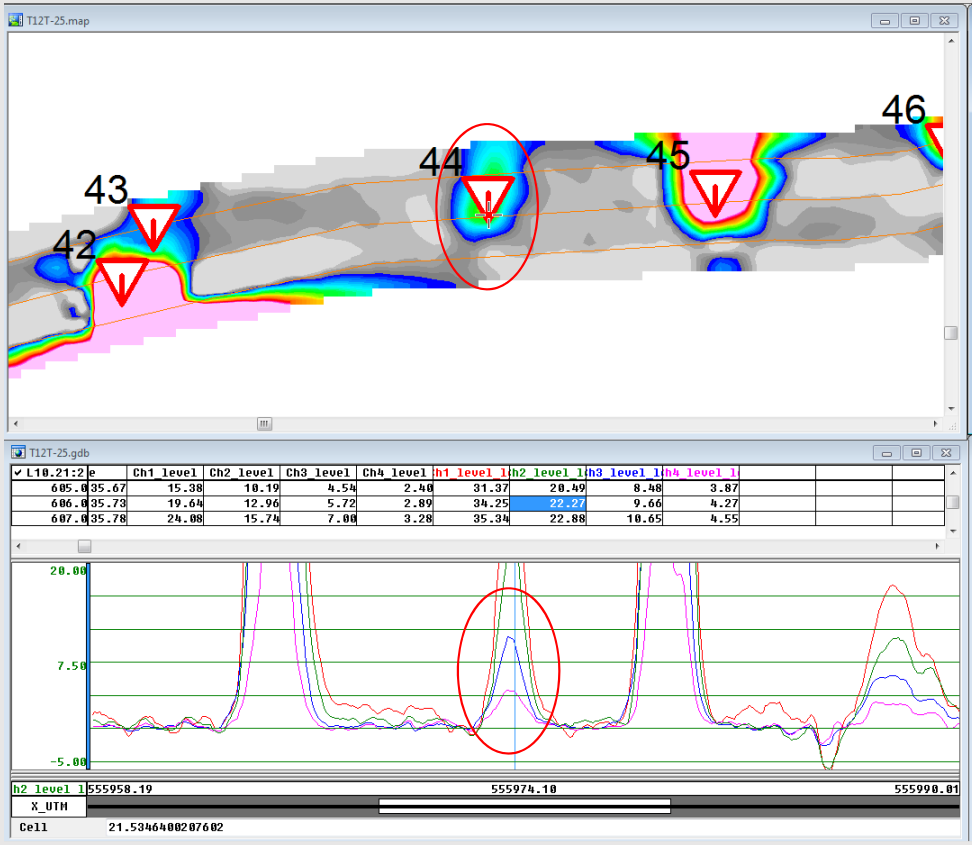


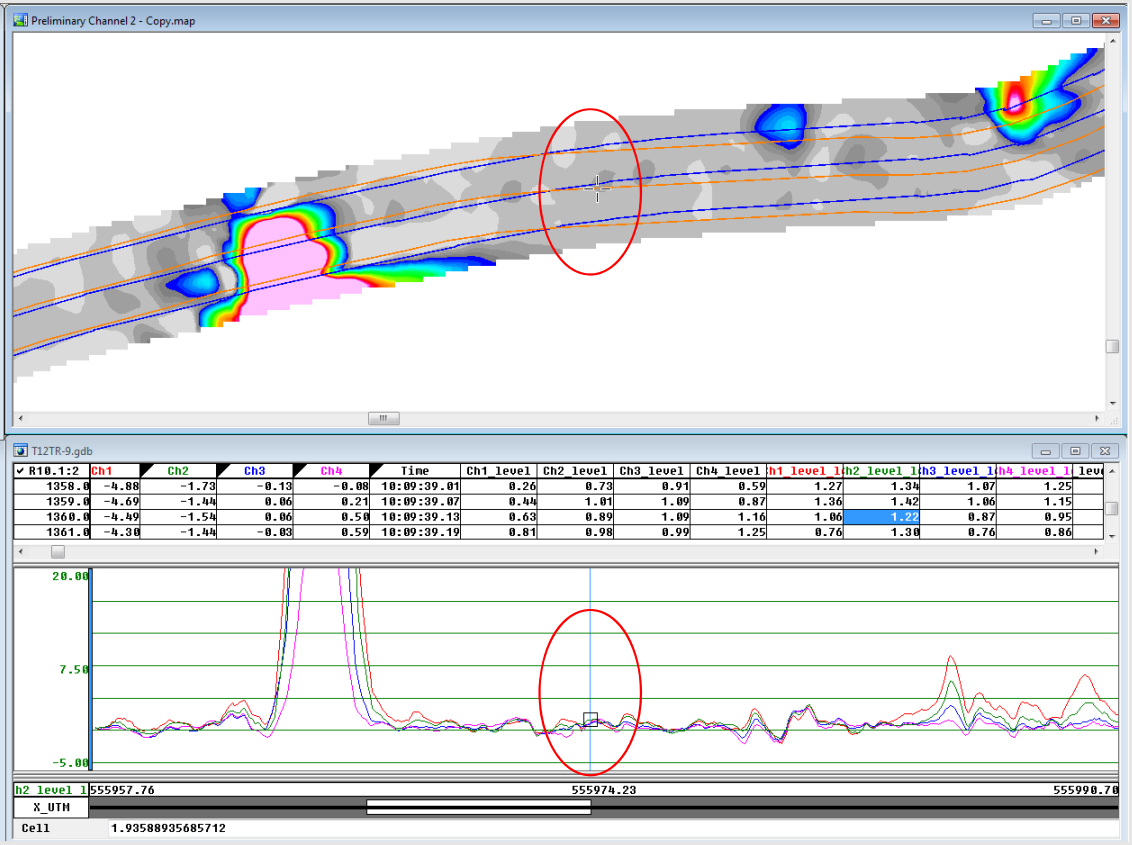
Block T12TR-9 Transect T12TR-10

2013

2014

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
44	T12T-10	555973.74	4482094.629	18.138	mV



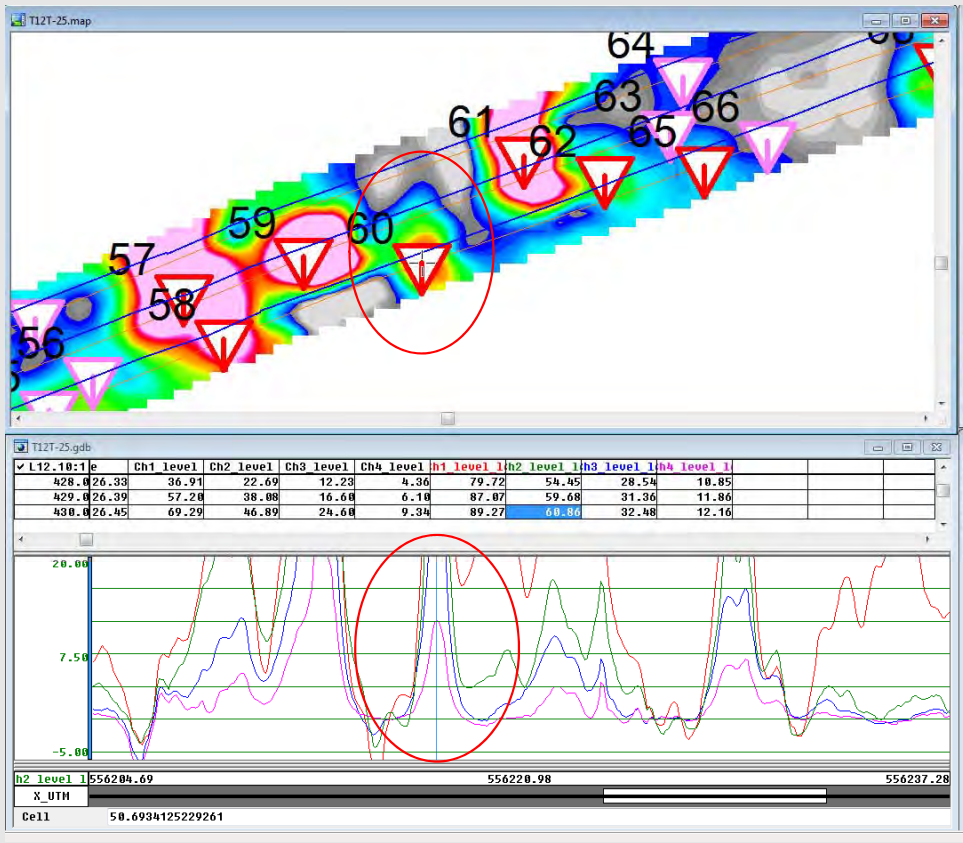


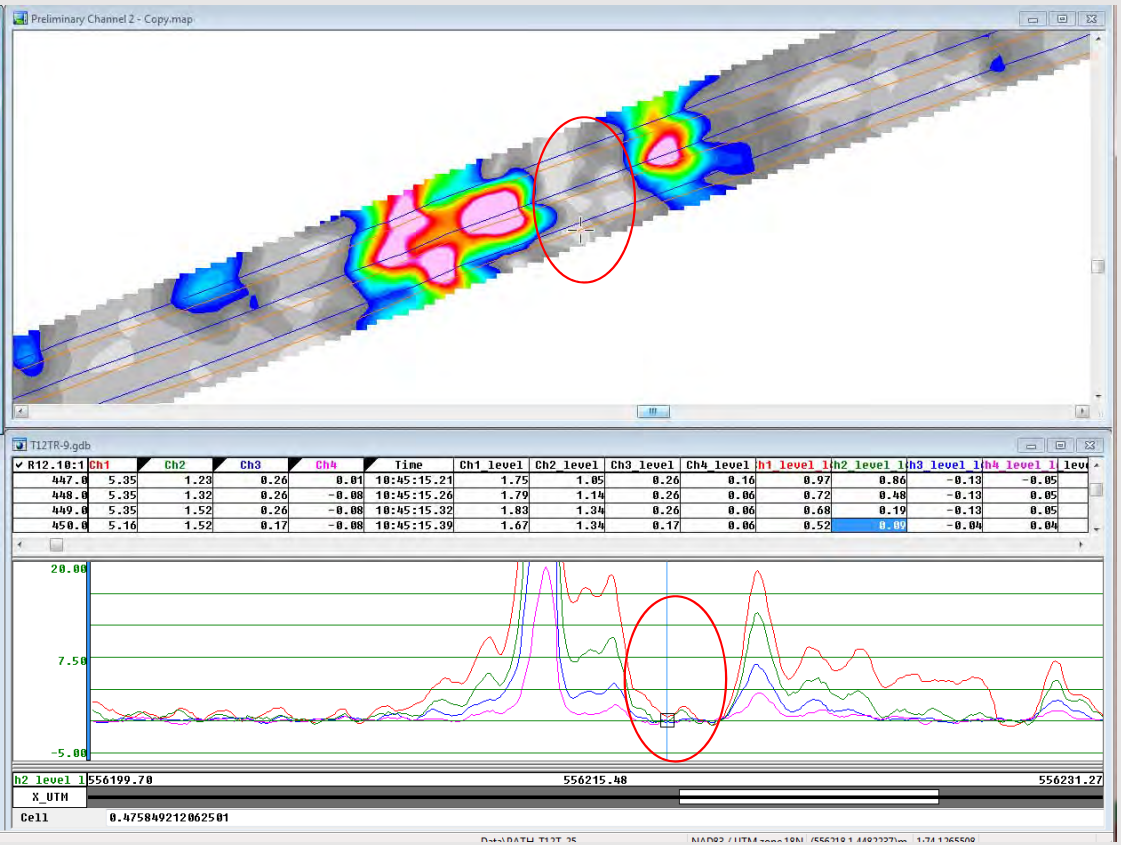
Block T12TR-9 Transect T12TR-12

2013

2014

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
60	T12T-12	556217.786	4482237.729	55.206	mV



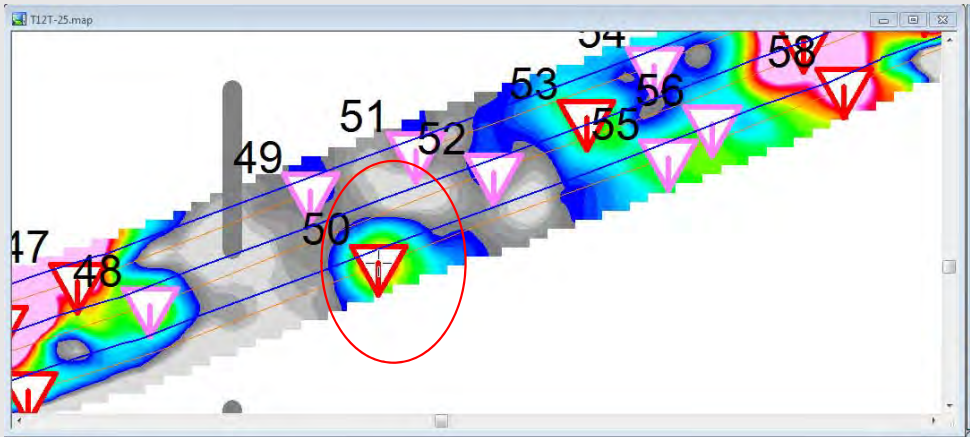


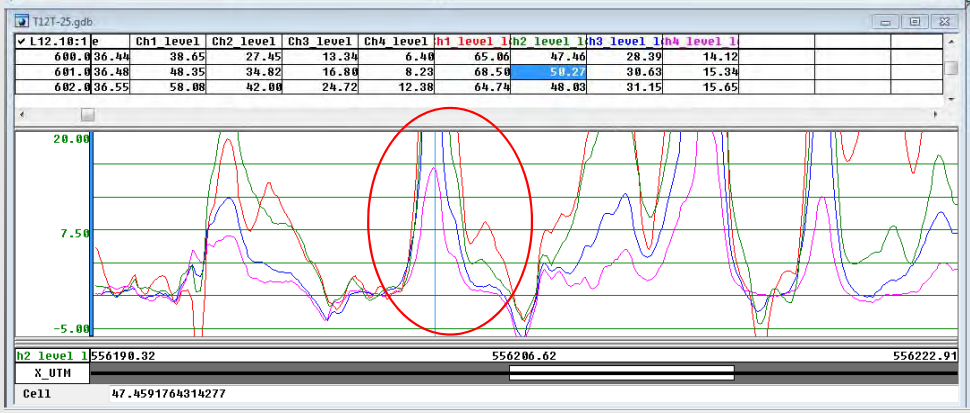
Block T12TR-9 Transect T12TR-12

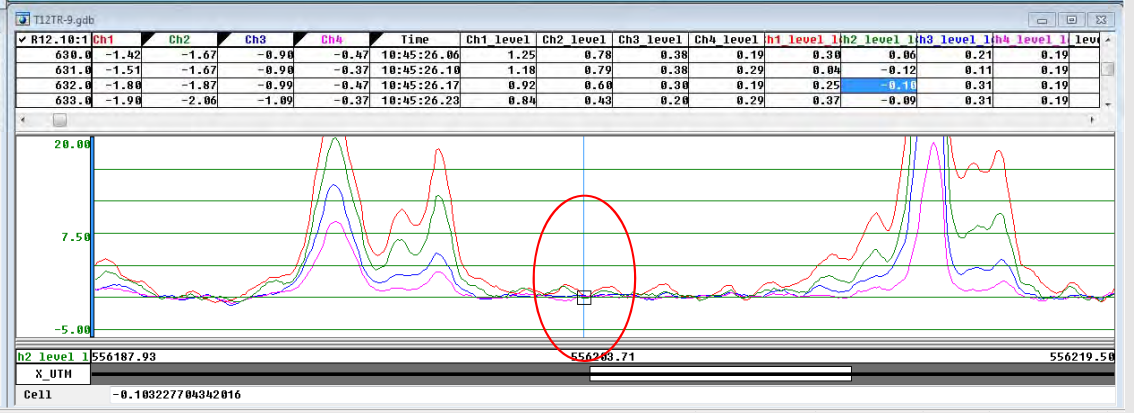
2013

2014

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
50	T12T-12	556203.213	4482232.162	45.798	mV





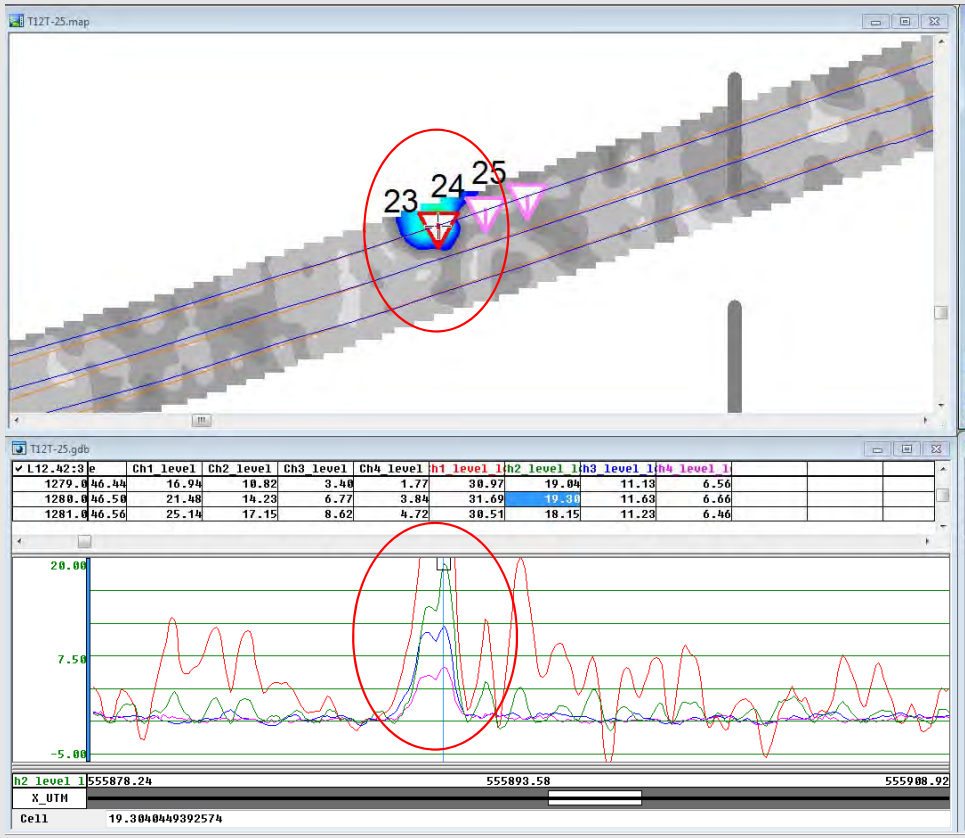


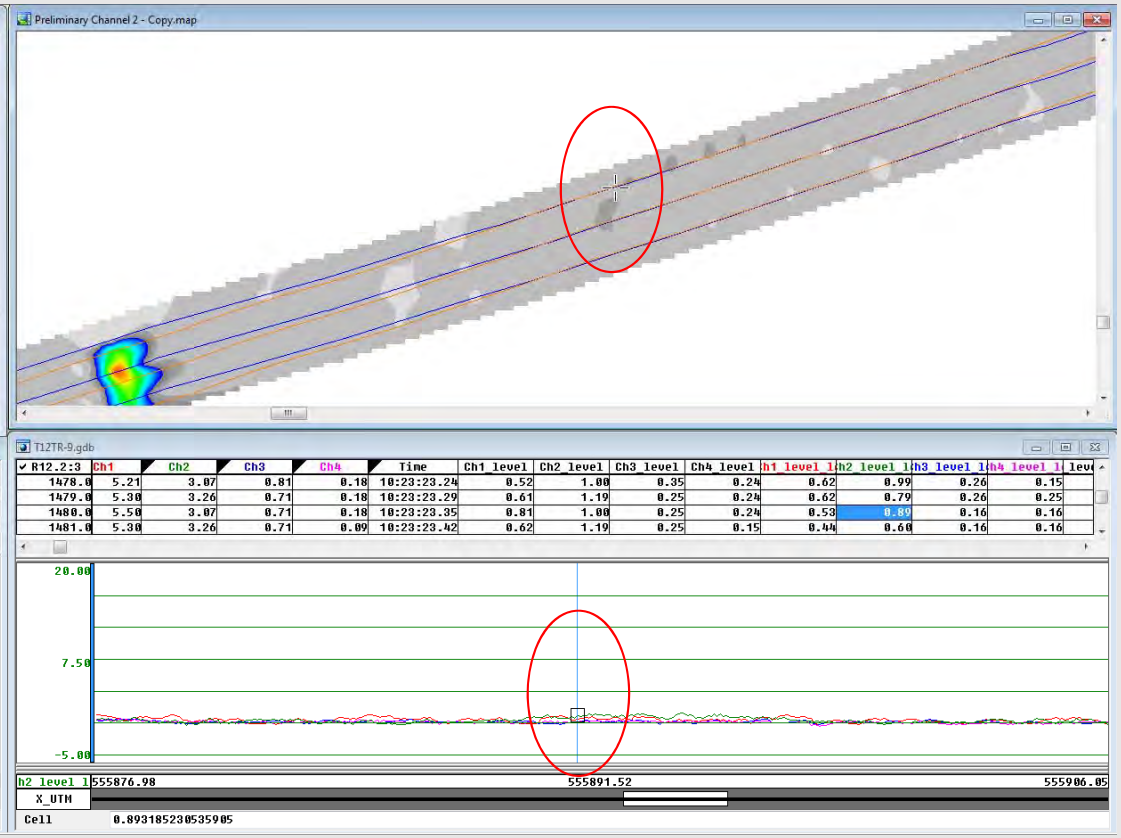
Block T12TR-9 Transect T12TR-12

2013

2014

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
23	T12T-12	555890.863	4482133.462	17.598	mV



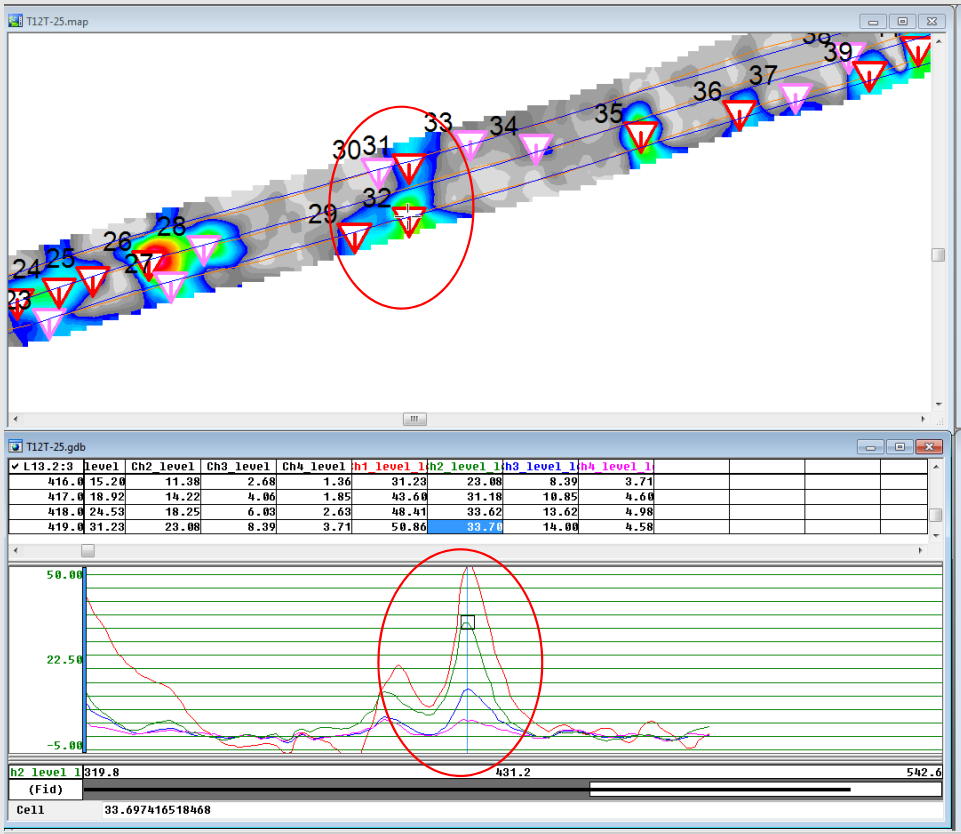


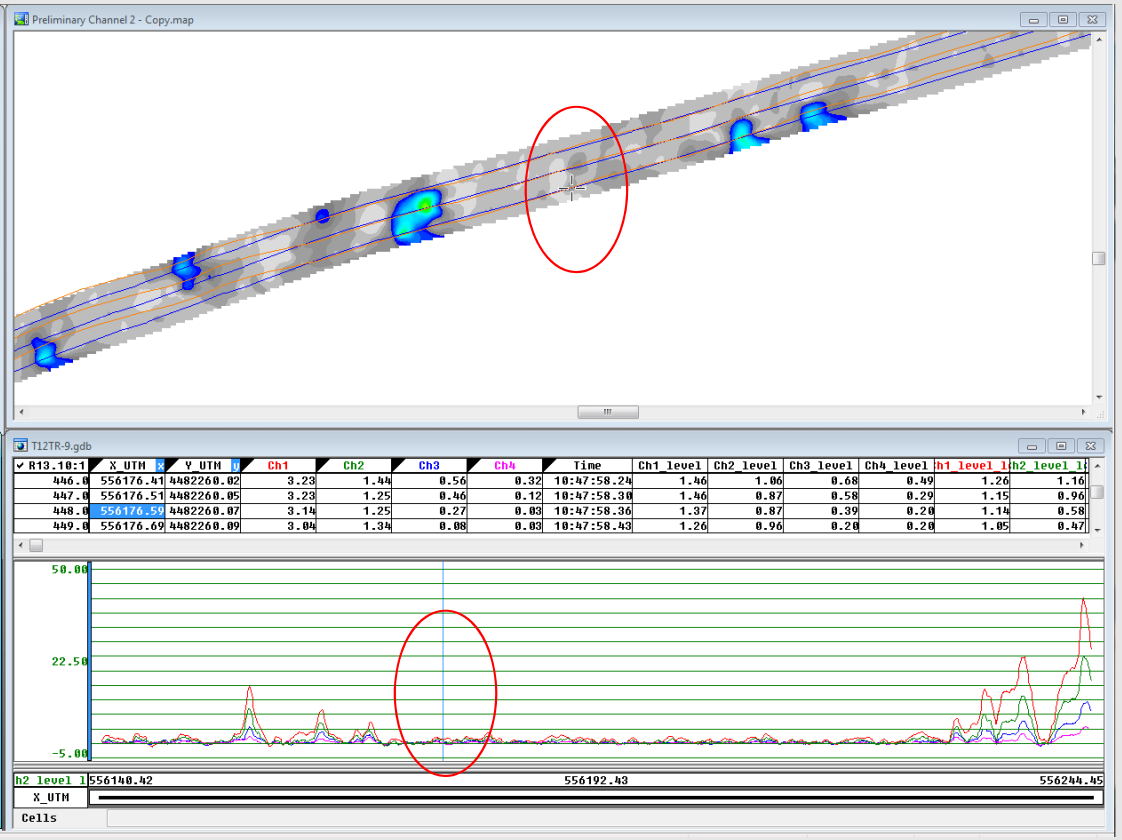
Block T12TR-9 Transect T12TR-13

2013

2014

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
32	T12T-13	556177.125	4482258.115	29.882	mV



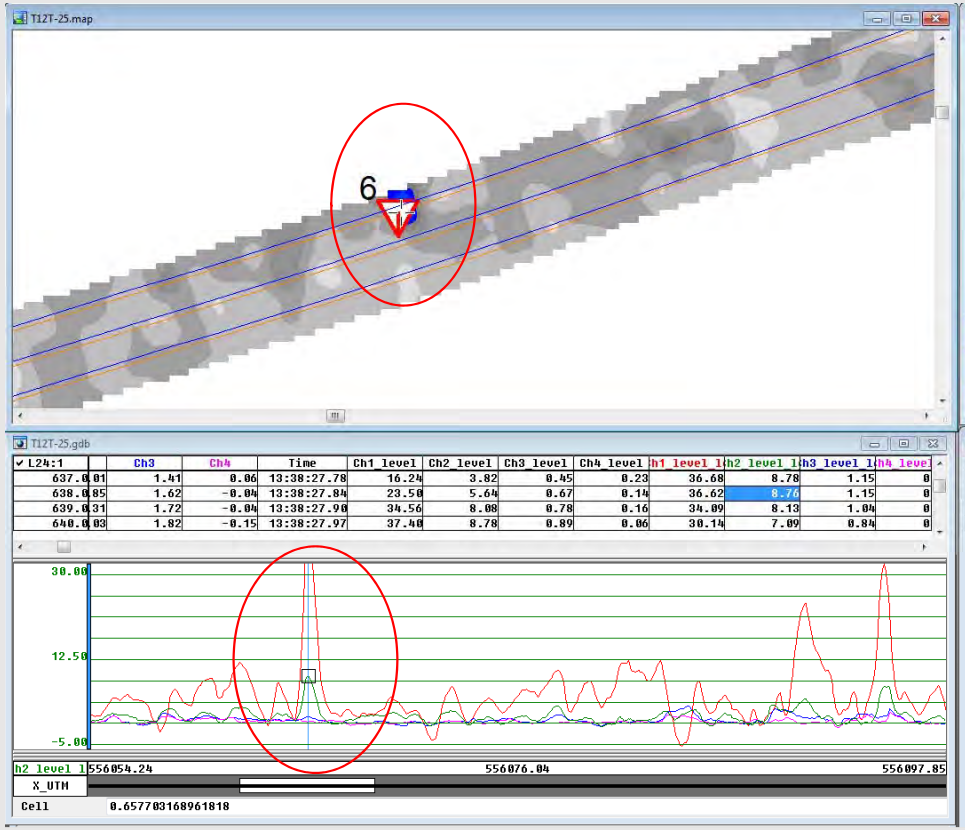


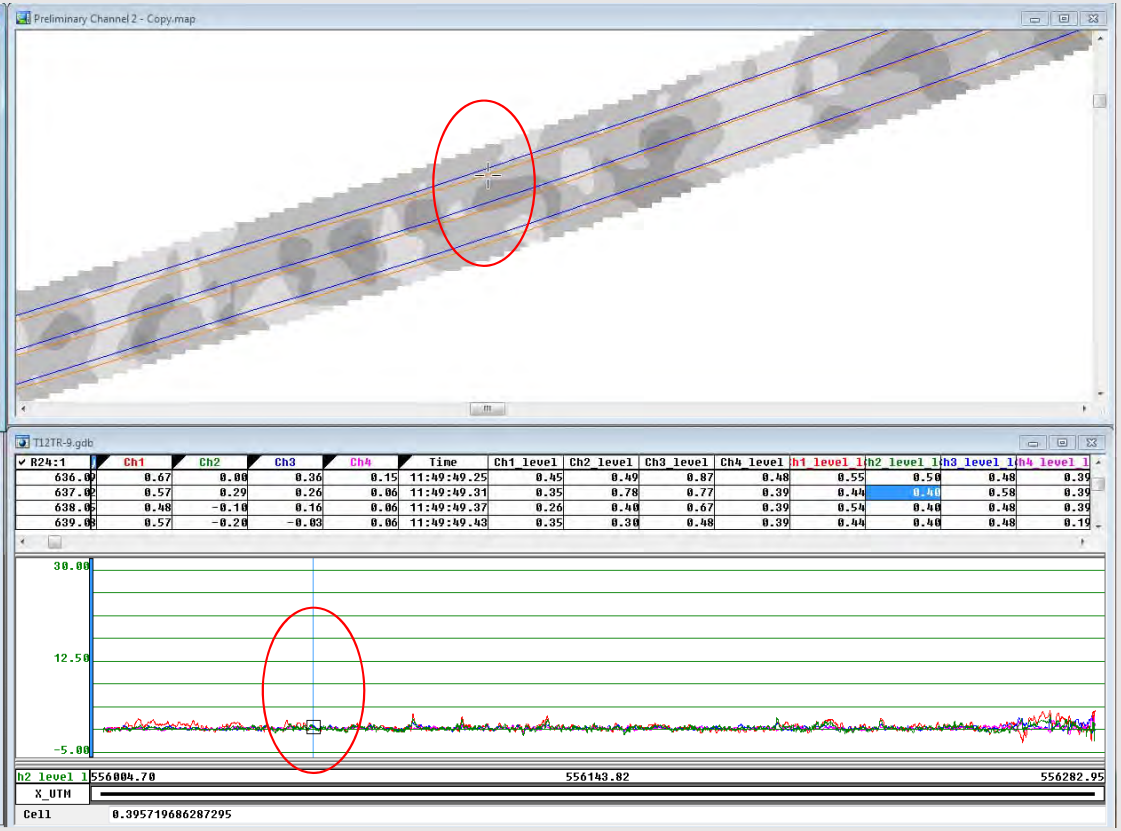
Block T12TR-9 Transect T12TR-24

2013

2014

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
6	T12T-24	556065.226	4482562.809	8.284	mV



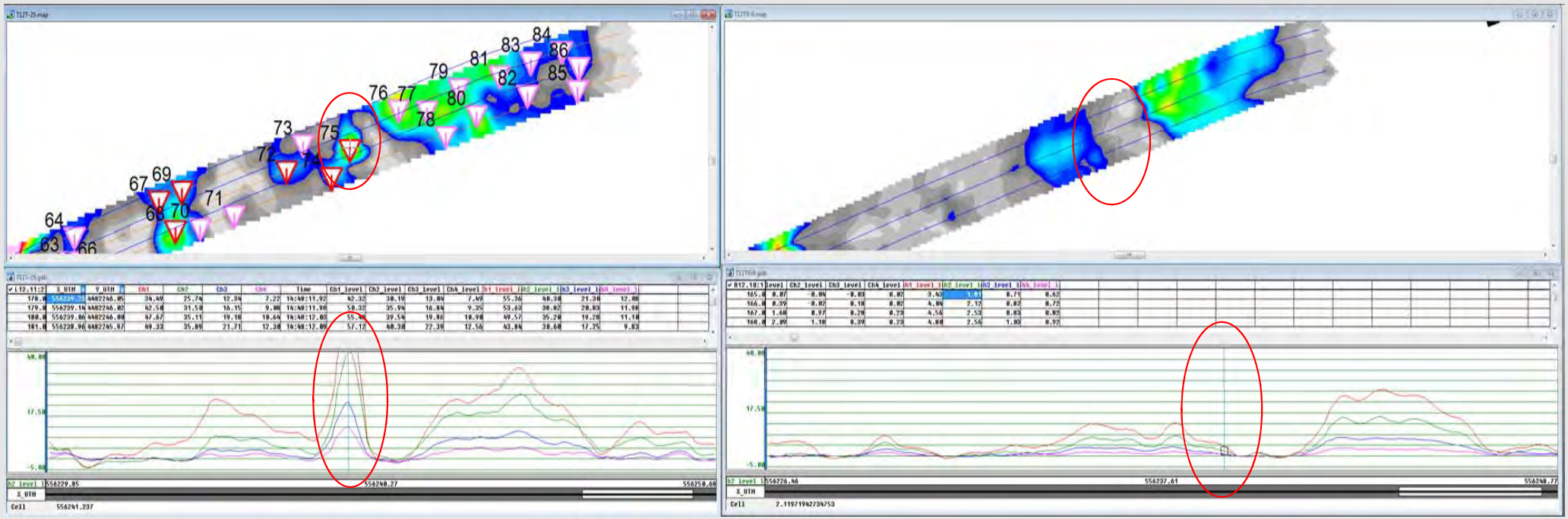


Block T12TR-9 Transect T12TR-12

2013

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
75	T12T-12	556239.234	4482246.054	37.315	mV

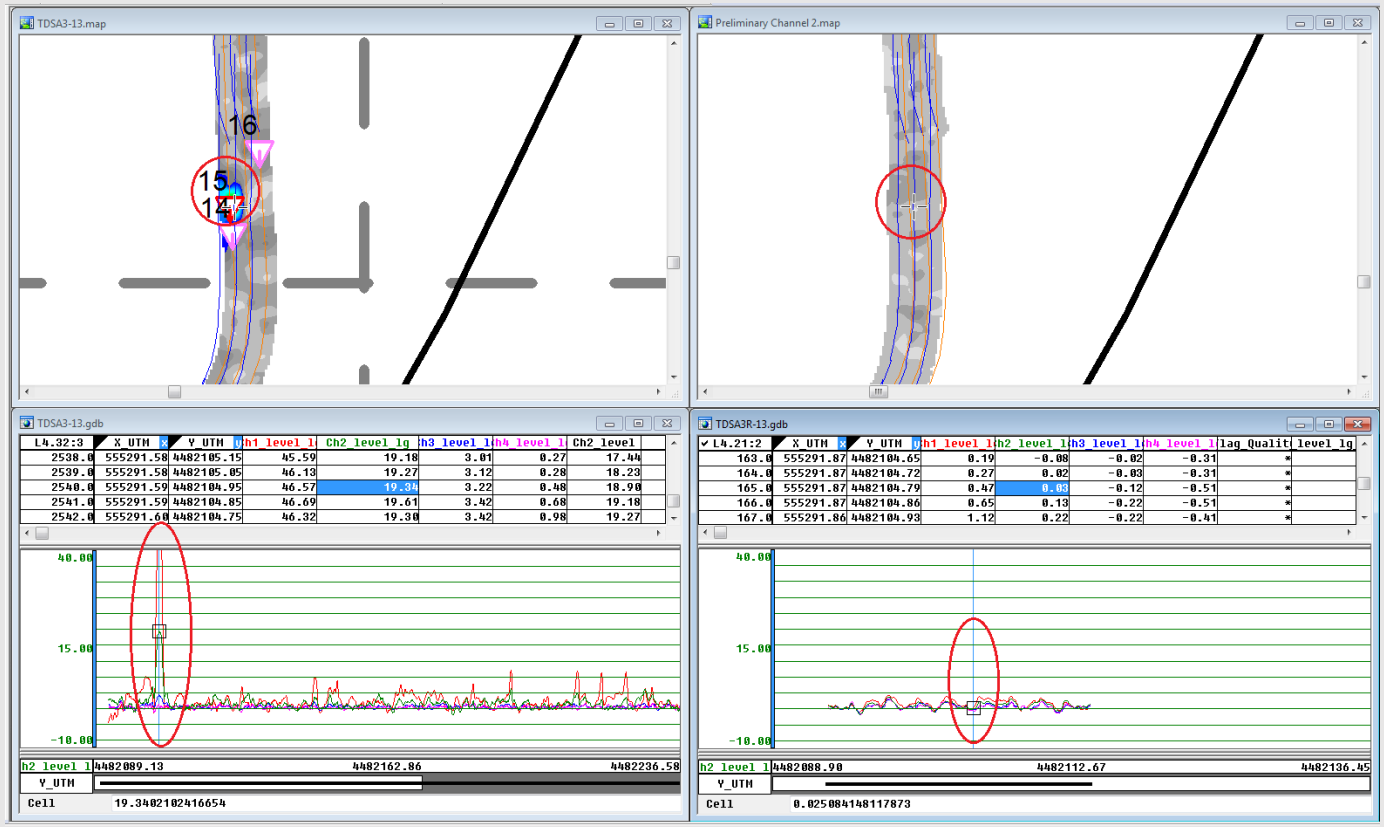
2014



Block TDSA3R-13 Transect TDSA3R-4

2013 2014

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
15	TDSA3-4	555291.6	4482105	19.614	mV



Block TDSA5R-12 Transect TDSA5R-12

2013

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
82	TDSA5-12	556040.1	4481132.25	8.202	mV

2014

Block TDSA5R-23 Transect TDSA5R-22A

2013

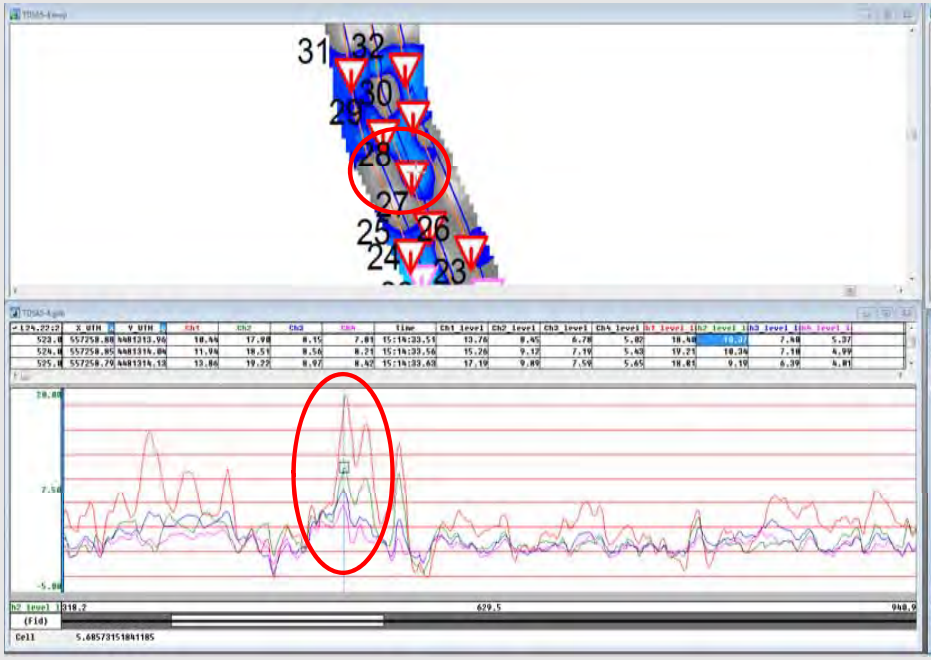
2014

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
138	TDSA5-22A	556997.7	4481580.9	7.079	mV

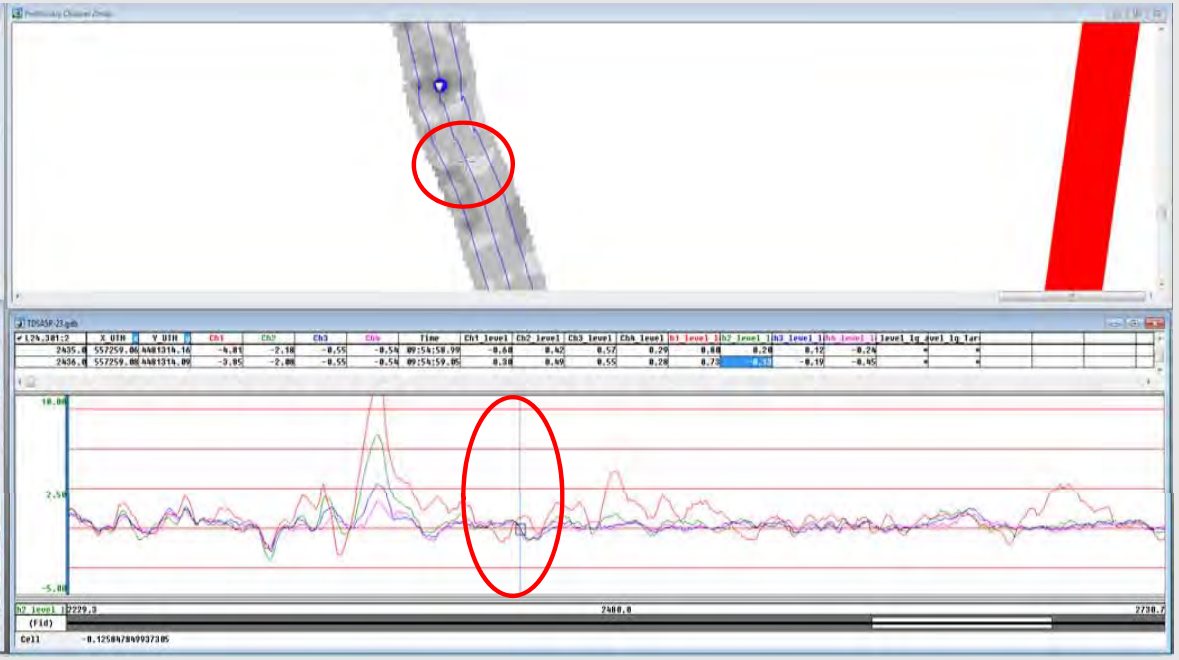
Block TDSA5R-23 Transect TDSA5R-24

2013

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
28	TDSA5-24	557258.95	4481314.05	10.291	mV



2014



Line Deviations from 2013 to 2014 data – Good Targets Investigated 2013 and Items Recovered

Former Raritan Arsenal

Overview and Legend

- Included are screenshots of December 2013 Data with Intrusive results plotted.

  Line Path: BLUE = February 2014 Data ORANGE = December 2013 Data

  Intrusive Symbol

  Frag = Yellow
  MDAS = Green
  No Contact = Red
  Non-Munitions Scrap = Orange
  Other = Cyan
  QC Seed = Black
  Underwater = Dark blue (this means the target was underwater so they could not dig it)

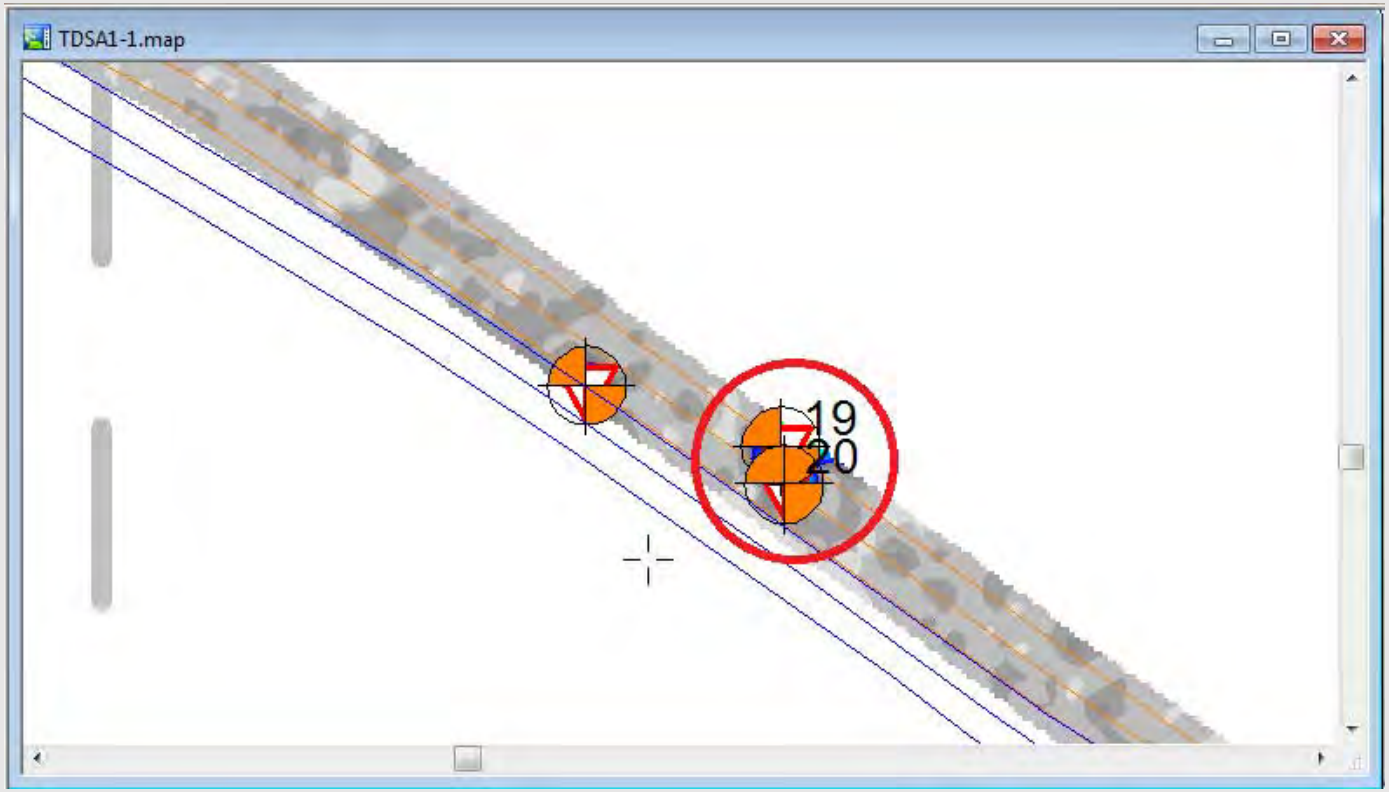
- Investigated anomalies from December 2013 data where item was found, but data collected February 2014 does not follow the same path.

Block TDSA1-1 Transect TDSA1-3

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
6	TDSA1-3	556696.7	4483823	16.102	mV
8	TDSA1-3	556709.6	4483815	23.727	mV

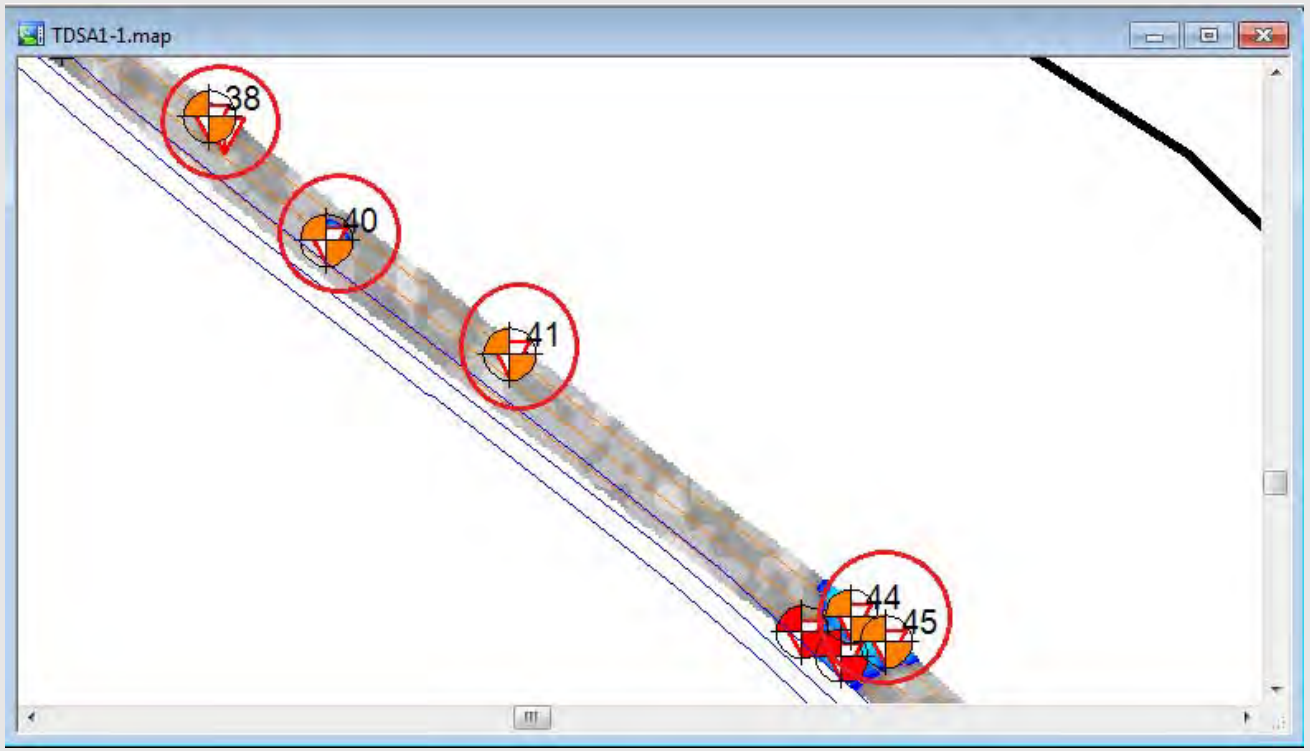
Block TDSA1-1 Transect TDSA1-3

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
19	TDSA1-3	556921.7	4483670	45.755	mV
20	TDSA1-3	556921.8	4483668	23.332	mV



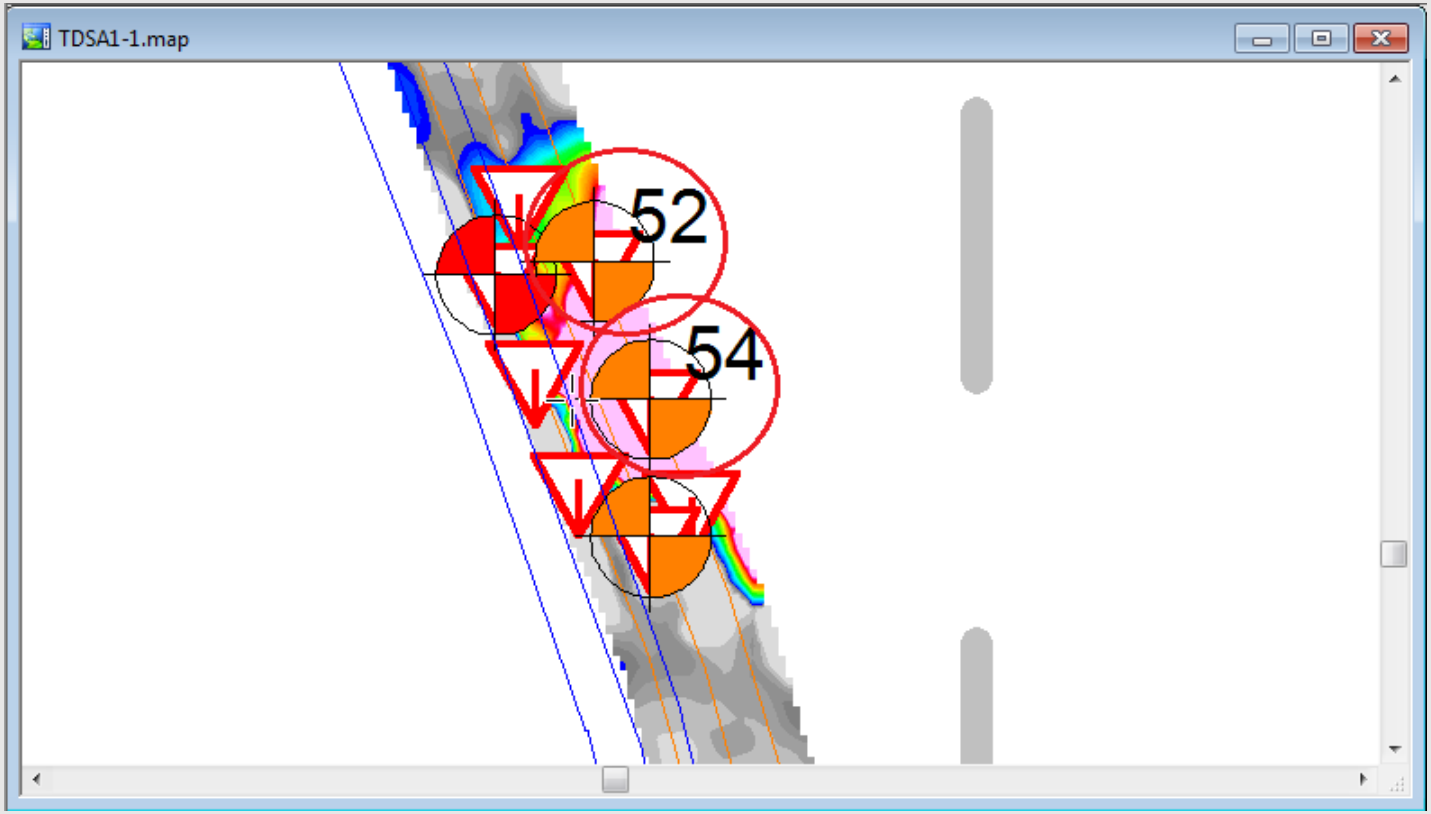
Block TDSA1-1 Transect TDSA1-3

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
38	TDSA1-3	557033.1	4483588	6.078	mV
40	TDSA1-3	557038.7	4483582	21.539	mV
41	TDSA1-3	557047.4	4483576	9.686	mV
44	TDSA1-3	557063.6	4483564	17.765	mV
45	TDSA1-3	557065.2	4483563	19.481	mV



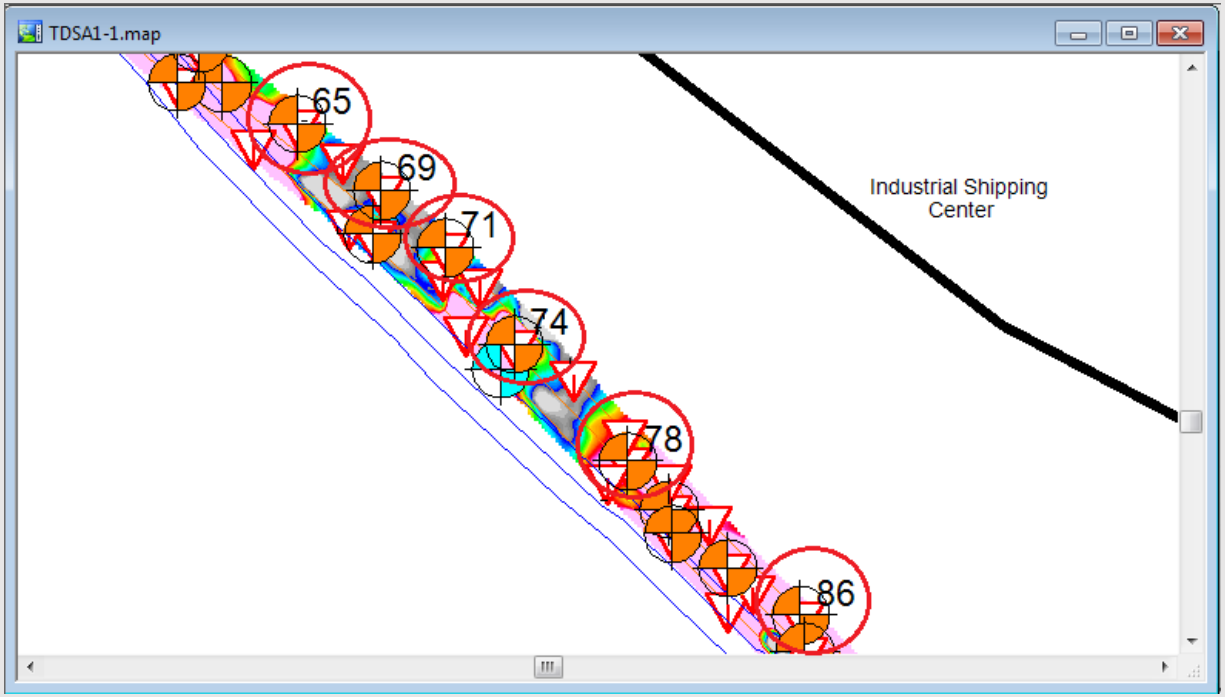
Block TDSA1-1 Transect TDSA1-3

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
52	TDSA1-3	557092.1	4483524	47.66	mV
54	TDSA1-3	557093.3	4483521	4503.479	mV



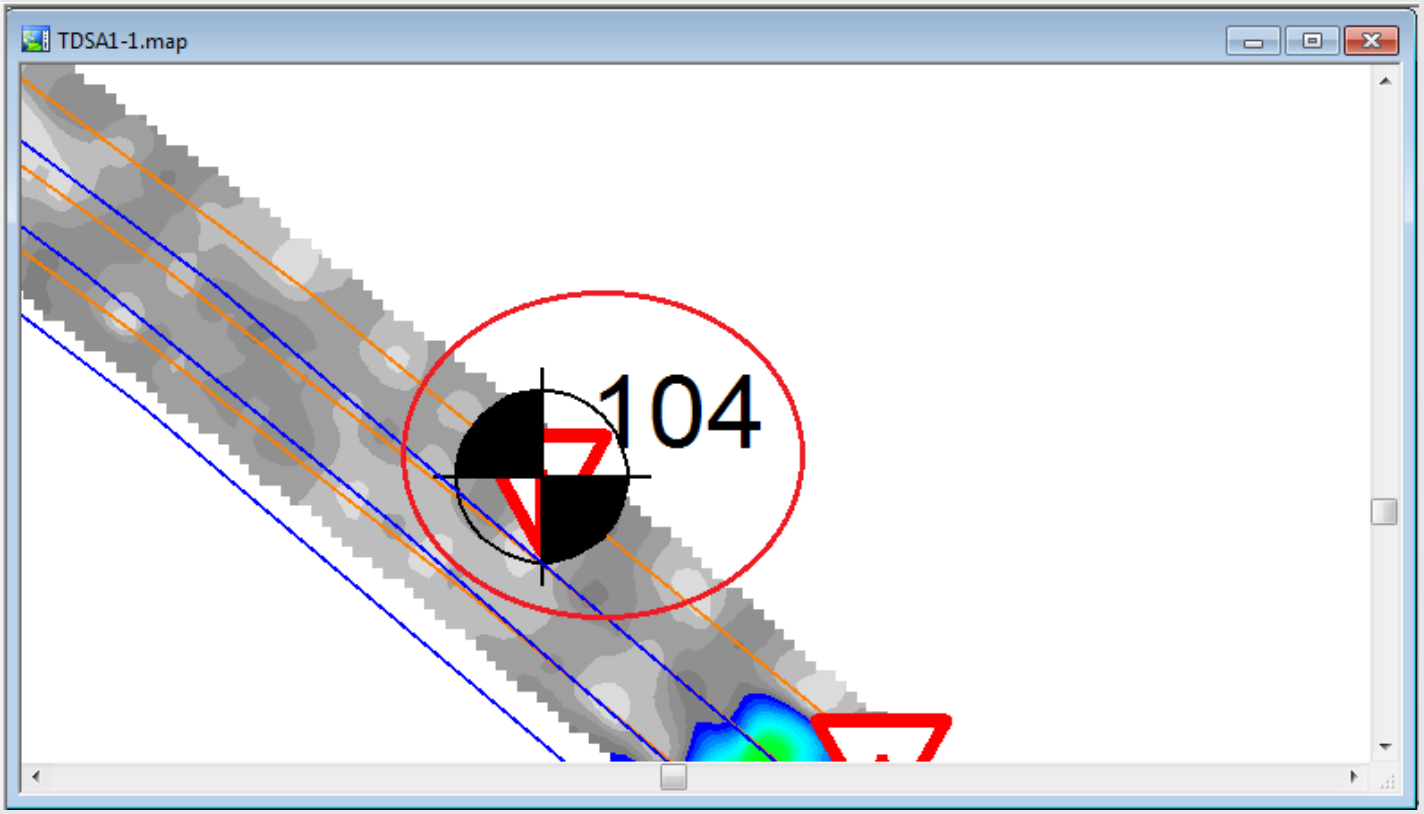
Block TDSA1-1 Transect TDSA1-4

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
65	TDSA1-4	557119.8	4483638	82.264	mV
69	TDSA1-4	557123.5	4483635	5.37	mV
71	TDSA1-4	557126.3	4483633	51.702	mV
74	TDSA1-4	557129.3	4483629	551.112	mV
78	TDSA1-4	557134.2	4483623	87.302	mV
86	TDSA1-4	557141.7	4483617	164.98	mV



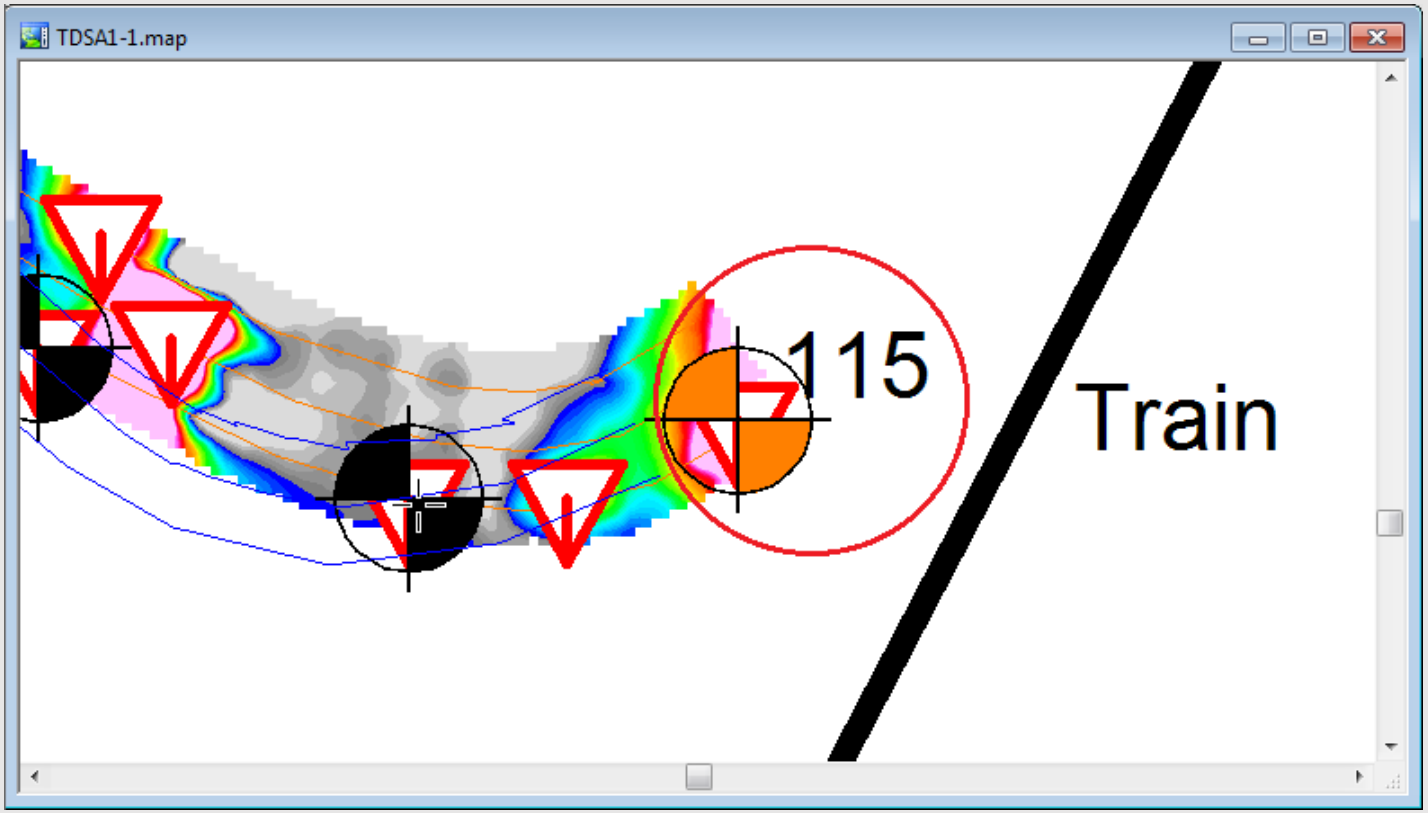
Block TDSA1-1 Transect TDSA1-4

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
104	TDSA1-4	557177.4	4483591	5.061	mV



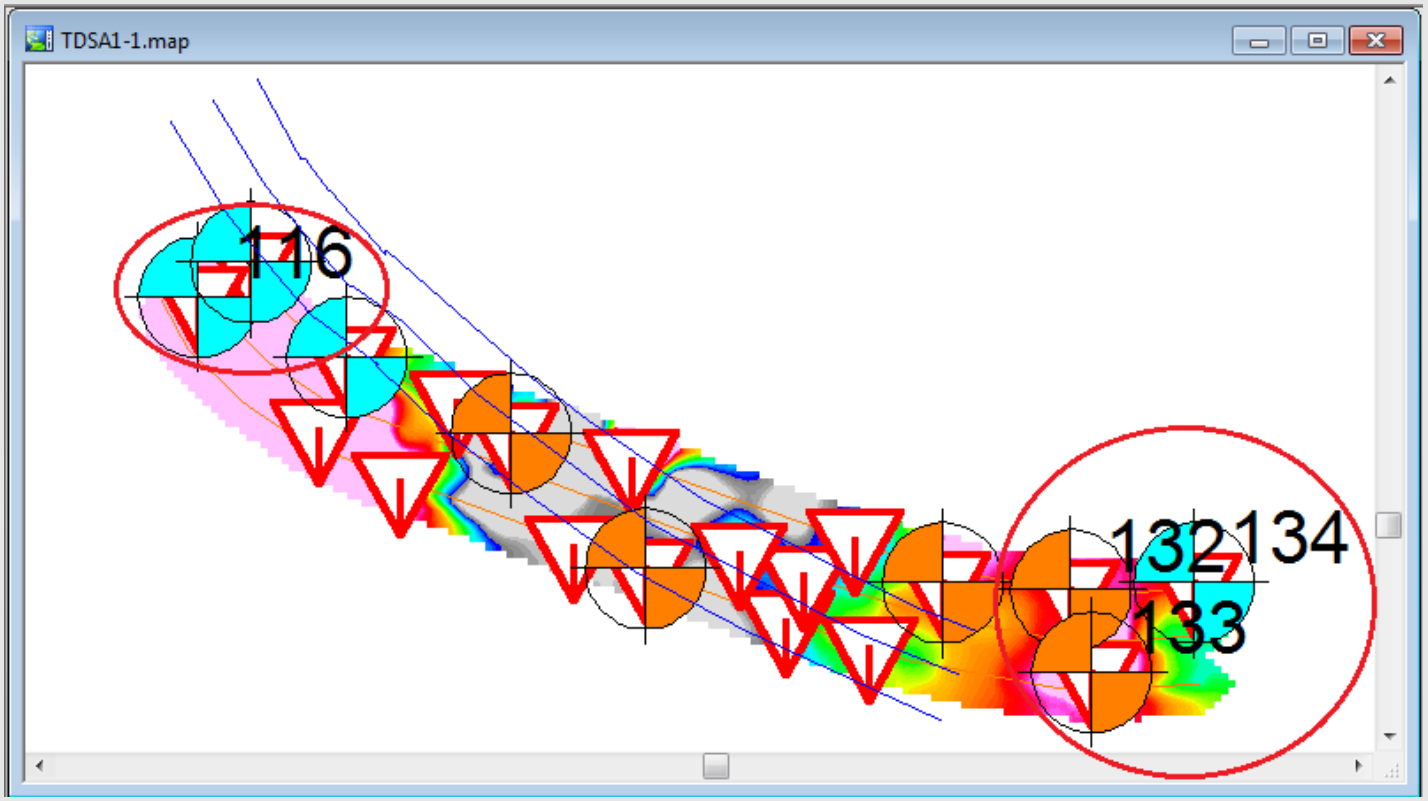
Block TDSA1-1 Transect TDSA1-4

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
115	TDSA1-4	557212.4	4483570	137.751	mV



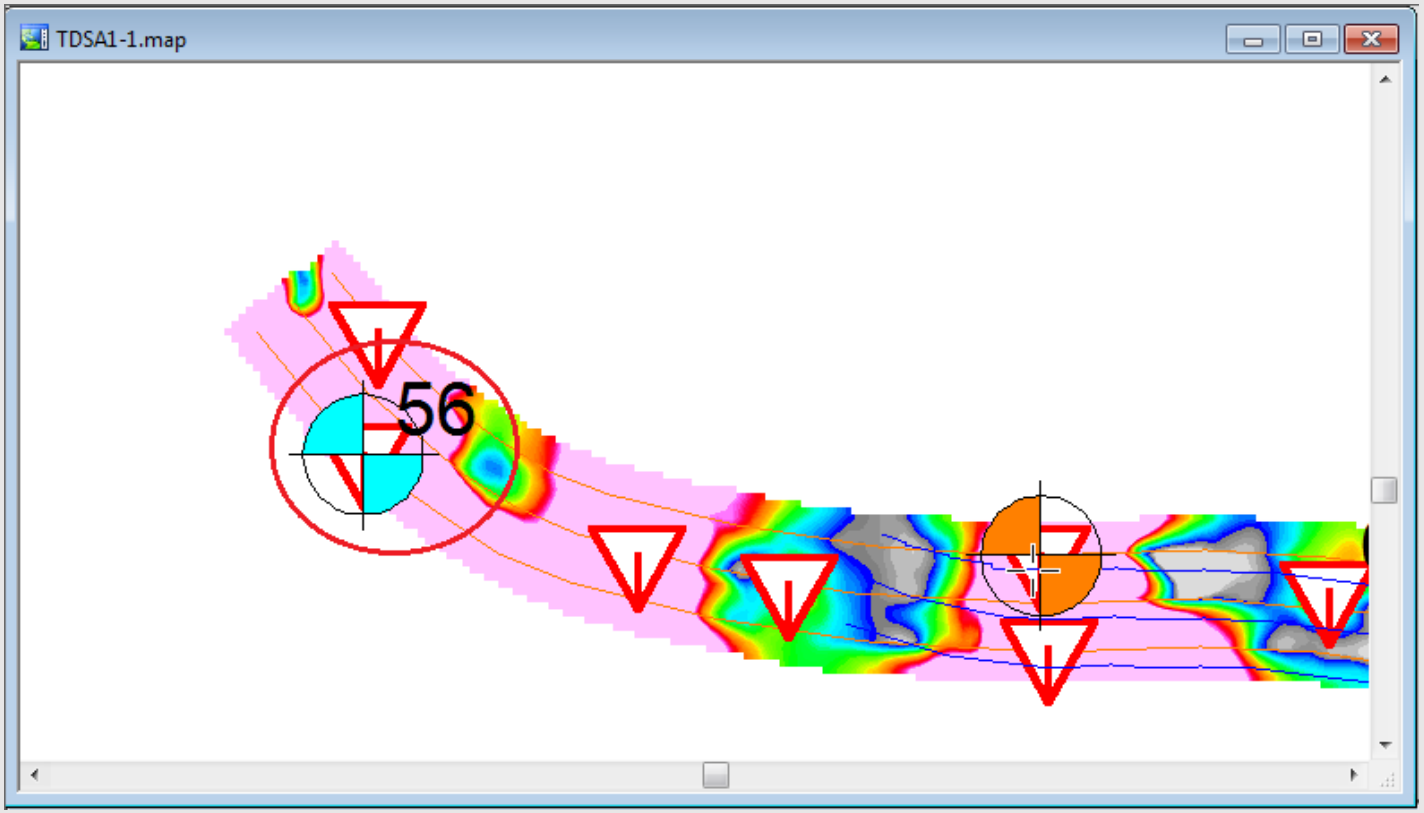
Block TDSA1-1 Transect TDSA1-4

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
116	TDSA1-4	557221.7	4483560	470.552	mV
132	TDSA1-4	557239.8	4483554	54.746	mV
133	TDSA1-4	557240.2	4483552	72.527	mV
134	TDSA1-4	557242.4	4483554	48.326	mV



Block TDSA1-1 Transect TDSA1-5

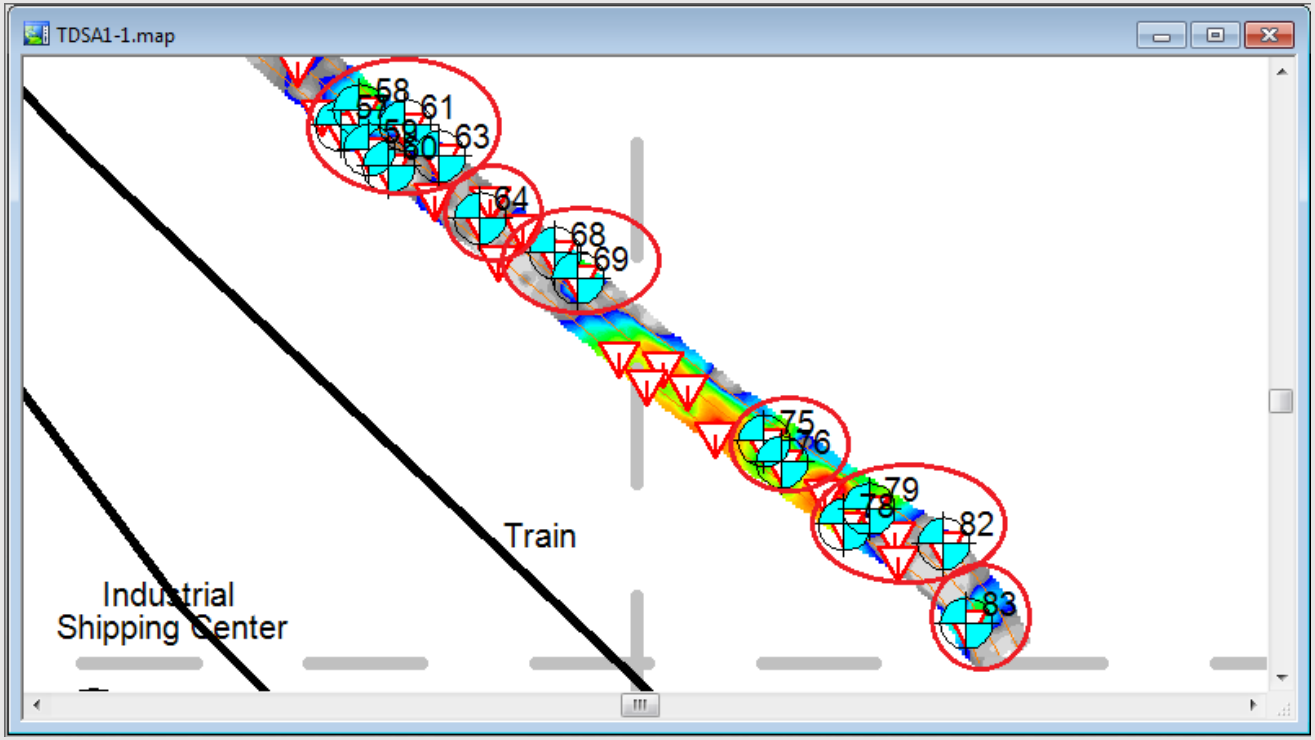
ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
56	TDSA1-5	557231.1	4483626	316.138	mV



Block TDSA1-1 Transect TDSA1-6

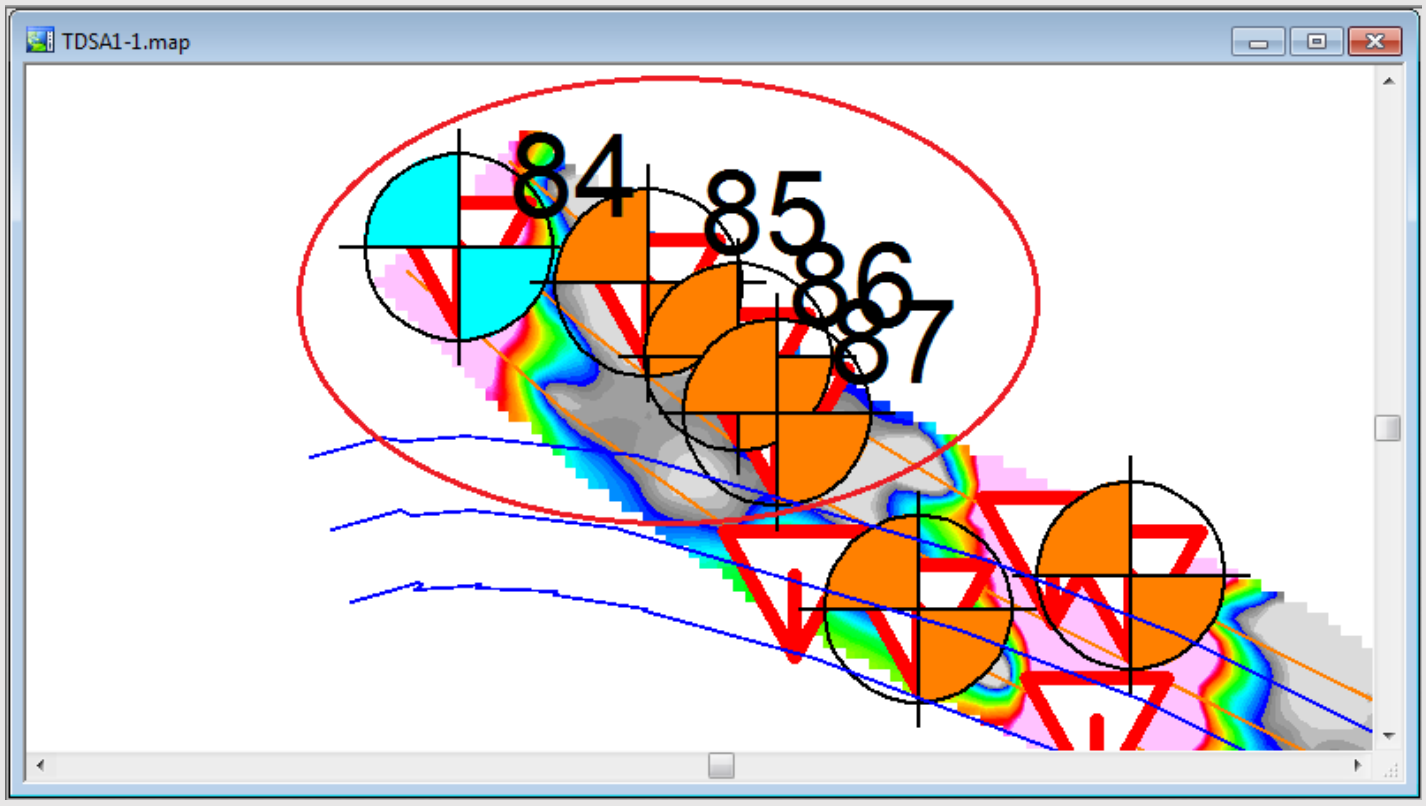
ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
57	TDSA1-6	557185.7	4483726	10.827	mV
58	TDSA1-6	557186.6	4483727	33.574	mV
59	TDSA1-6	557187	4483725	8.464	mV
60	TDSA1-6	557188	4483724	4.572	mV
61	TDSA1-6	557188.8	4483726	24.524	mV
63	TDSA1-6	557190.5	4483725	8.389	mV

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
69	TDSA1-6	557197.2	4483719	13.791	mV
75	TDSA1-6	557206.2	4483711	33.075	mV
76	TDSA1-6	557207	4483710	26.745	mV
78	TDSA1-6	557210.1	4483707	29.522	mV
79	TDSA1-6	557211.3	4483707	29.735	mV



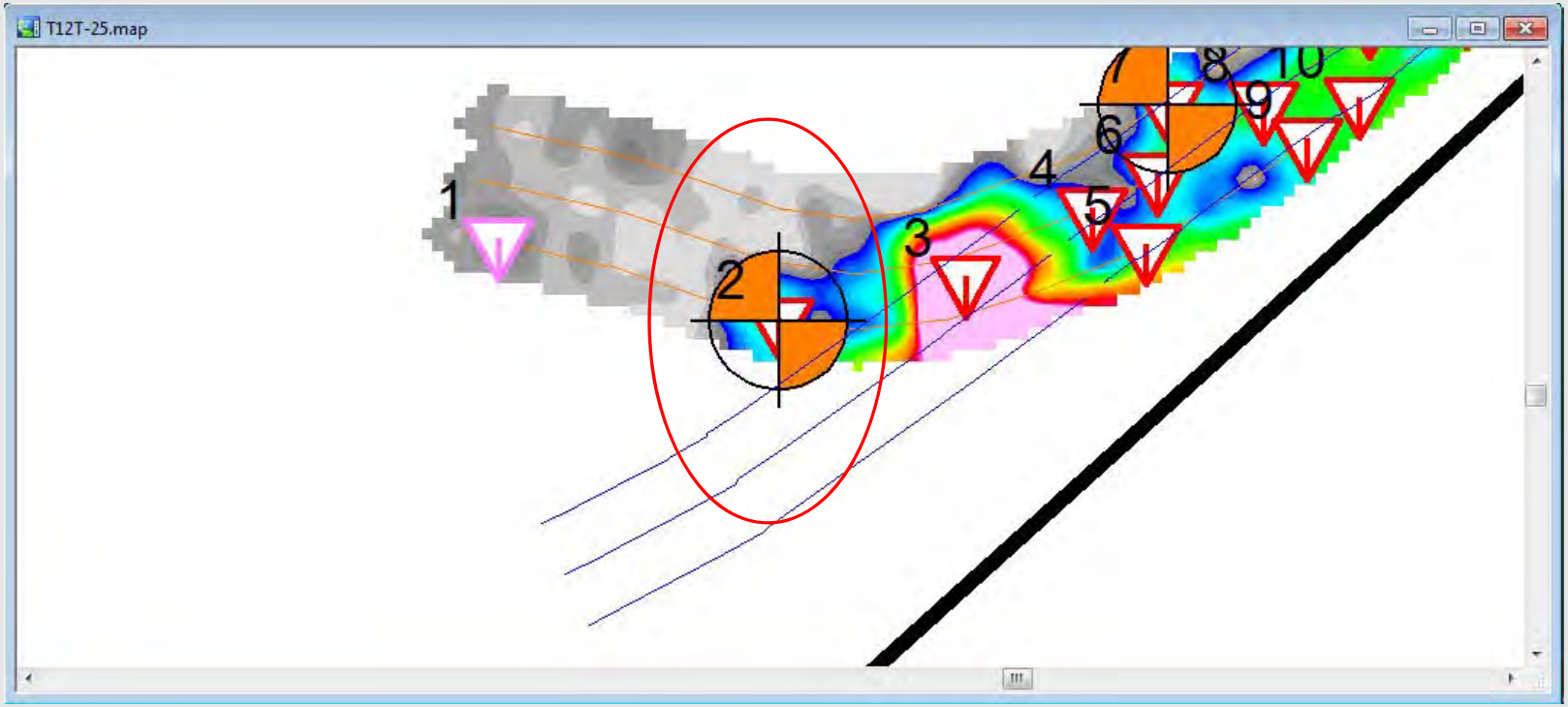
Block TDSA1-1 Transect TDSA1-6

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
84	TDSA1-6	557235.6	4483731	107.408	mV
85	TDSA1-6	557238.2	4483730	16.92	mV
86	TDSA1-6	557239.3	4483729	5.482	mV
87	TDSA1-6	557239.9	4483728	4.898	mV



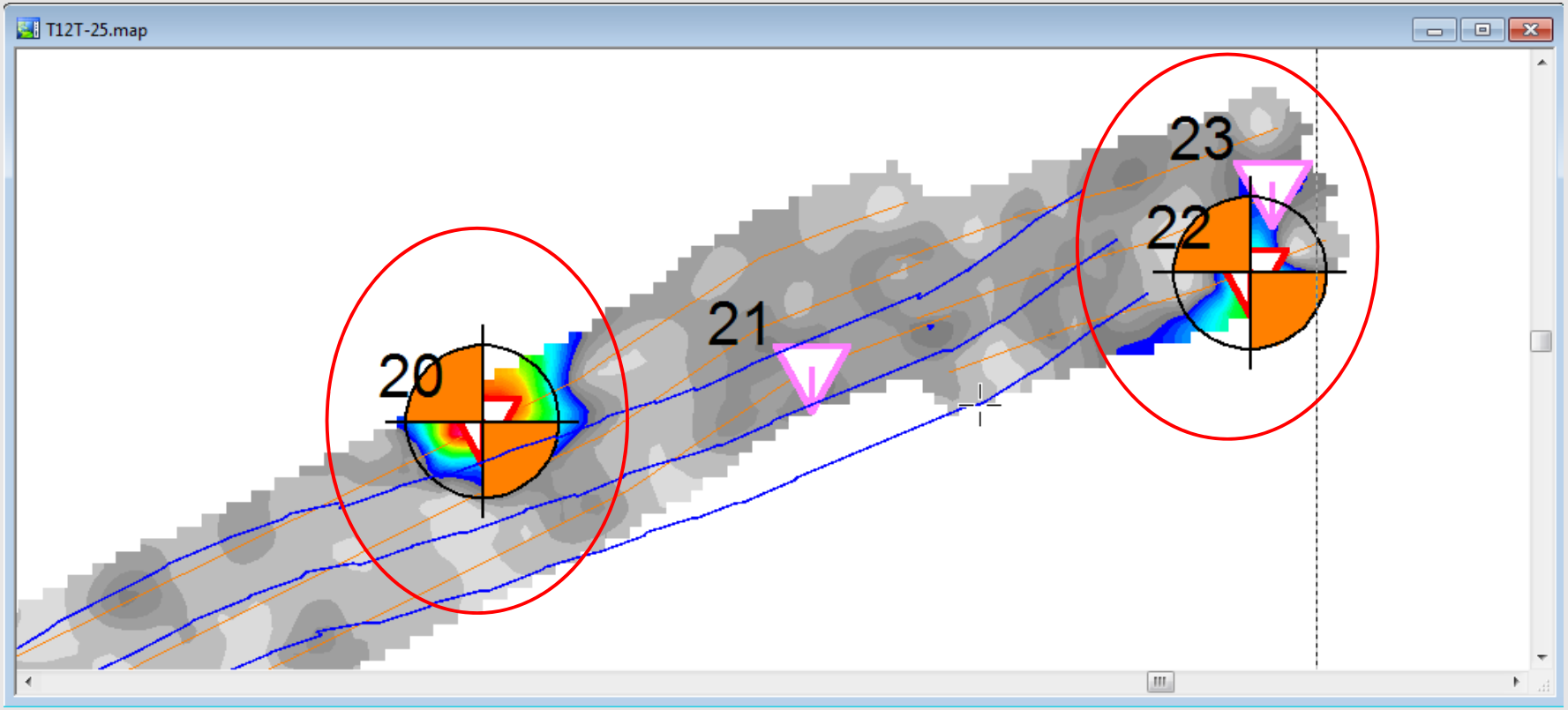
Block T12T-25 Transect T12T-8

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
2	T12T-8	556454.382	4482278.85	15.05	mV



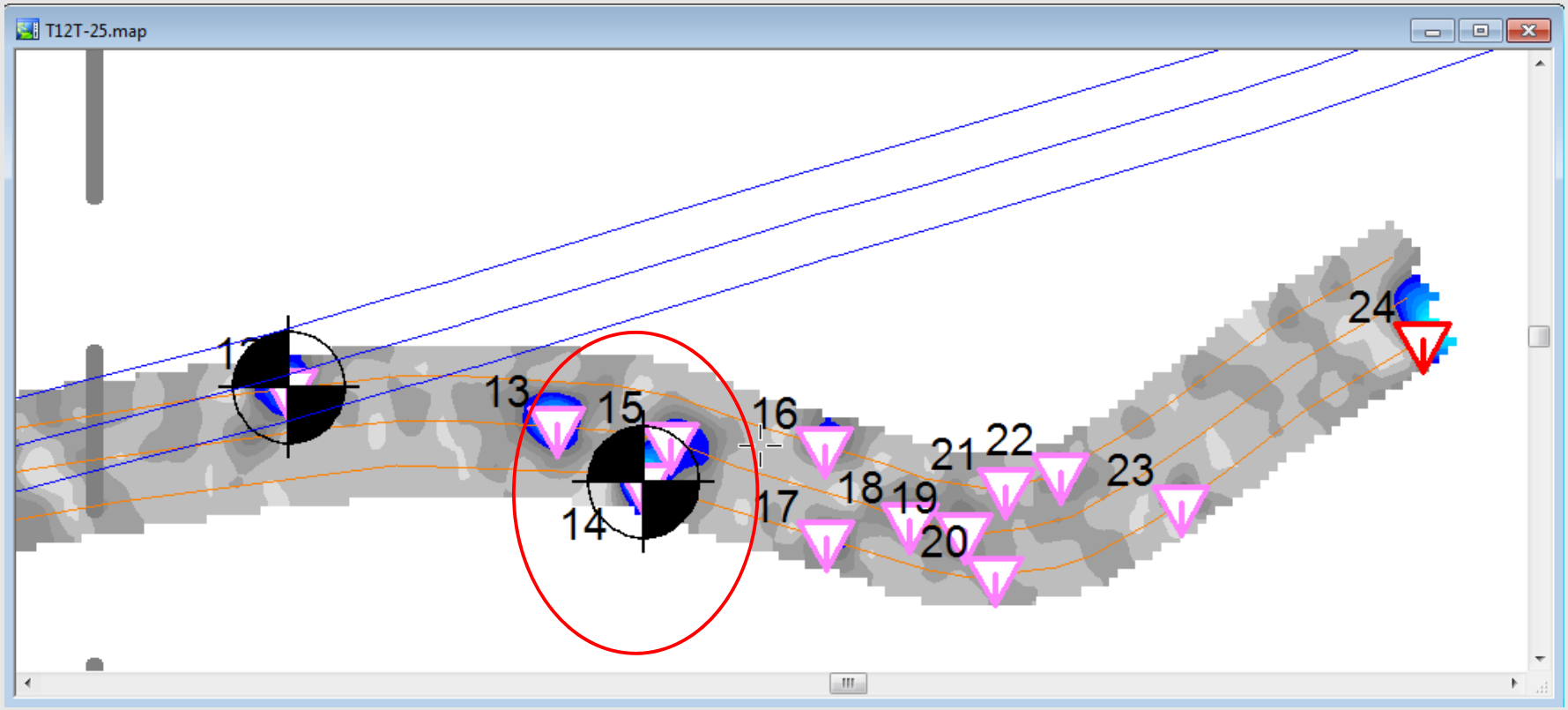
Block T12T-25 Transect T12T-9

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
20	T12T-9	556564.513	4482352.035	43.339	mV
22	T12T-9	556577.076	4482354.471	20.209	mV



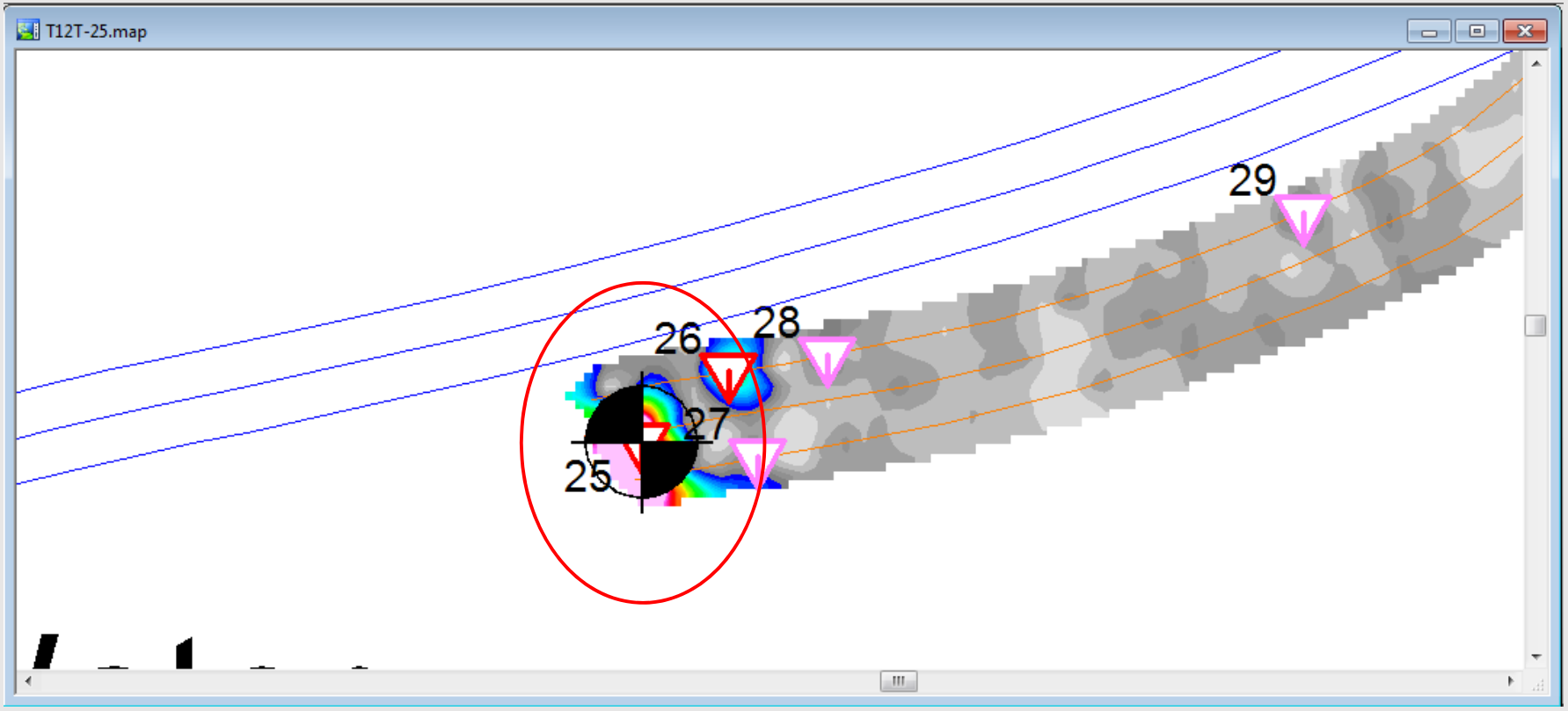
Block T12T-25 Transect T12T-9

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
14	T12T-15	556312.305	4482359.074	11.94	mV



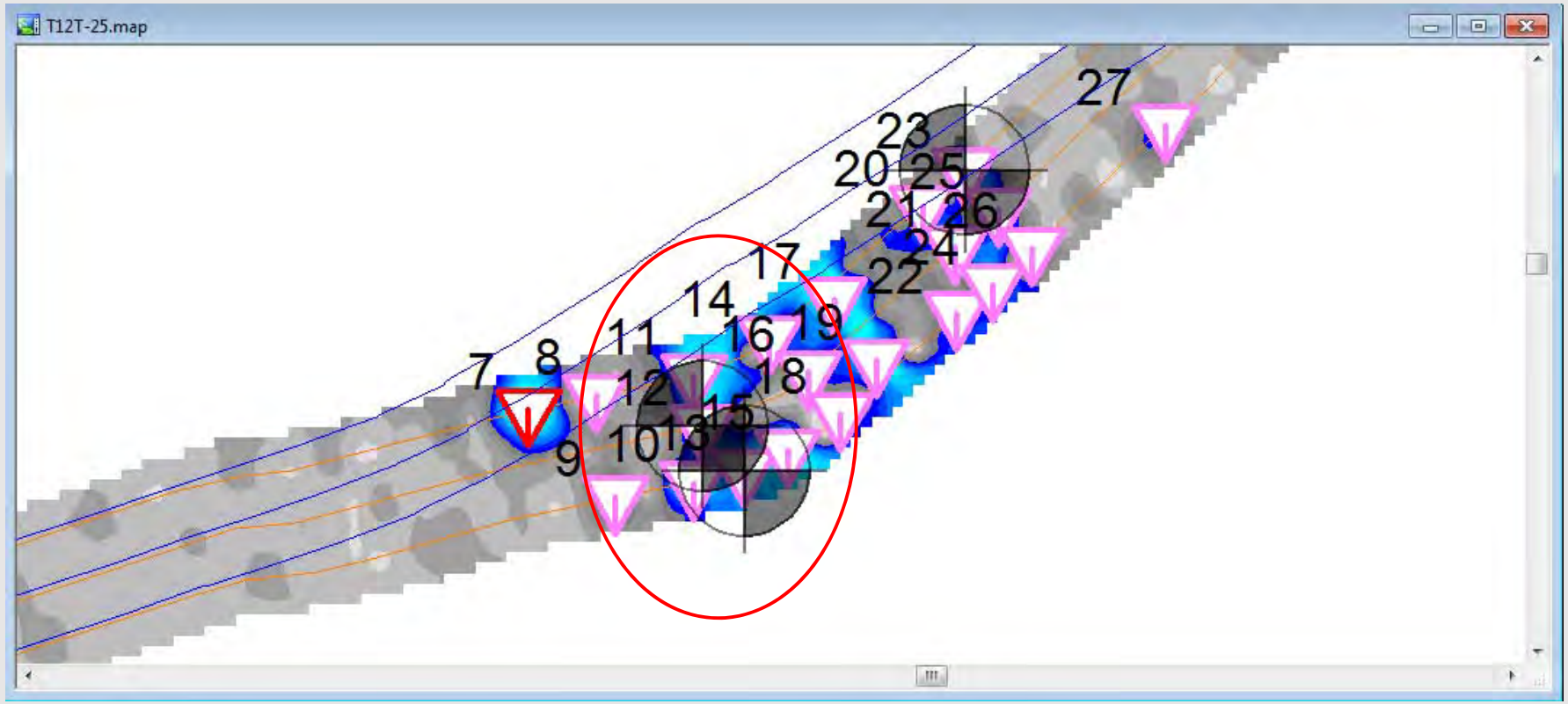
Block T12T-25 Transect T12T-9

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
25	T12T-15	556355.02	4482372.97	89.813	mV



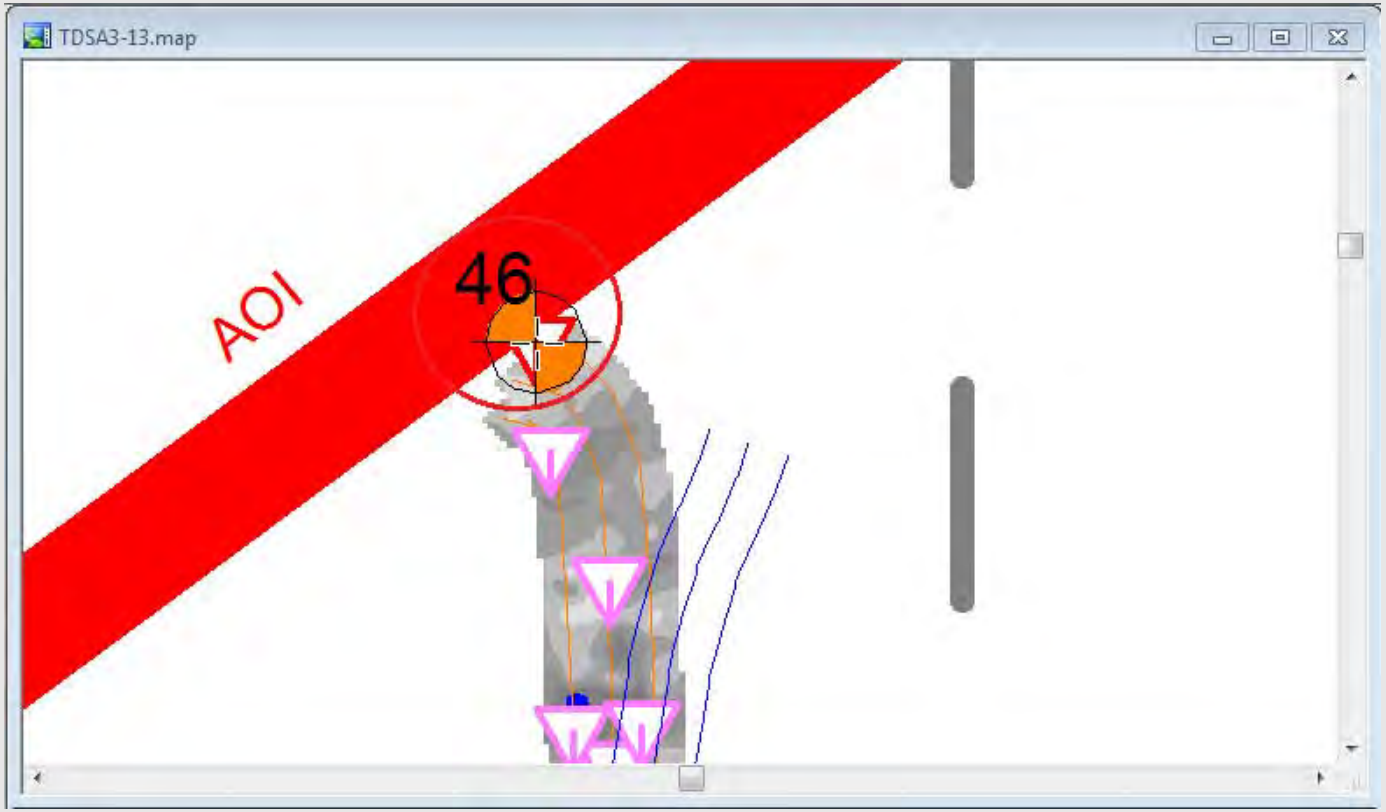
Block T12T-25 Transect T12T-16

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
12	T12T-16	556333.792	4482403.381	4.981	mV
13	T12T-16	556353.157	4482409.536	4.04	mV



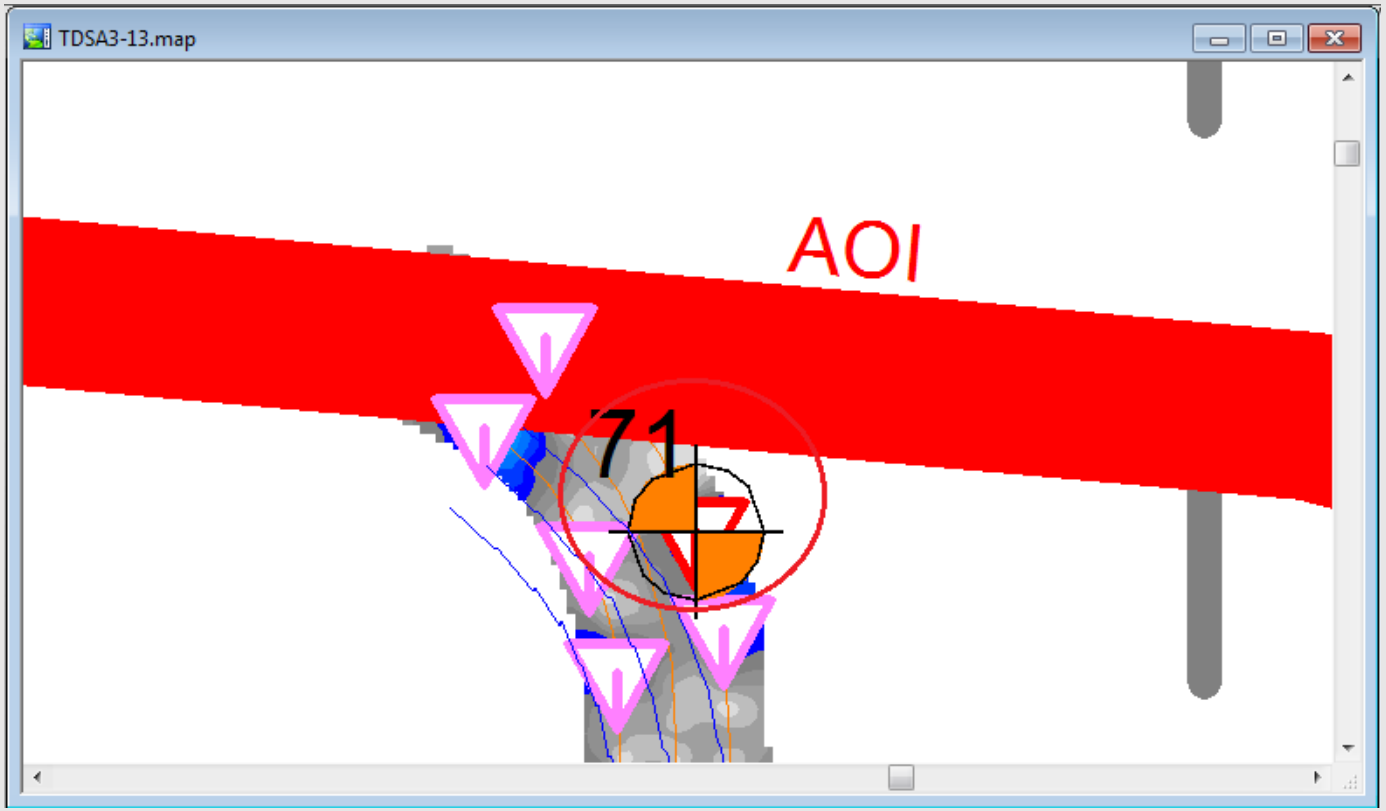
Block TDSA3-13 Transect TDSA3-9

ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
46	TDSA3-9	555789.7	4482577	6.864	mV



Block TDSA3-13 Transect TDSA3-12

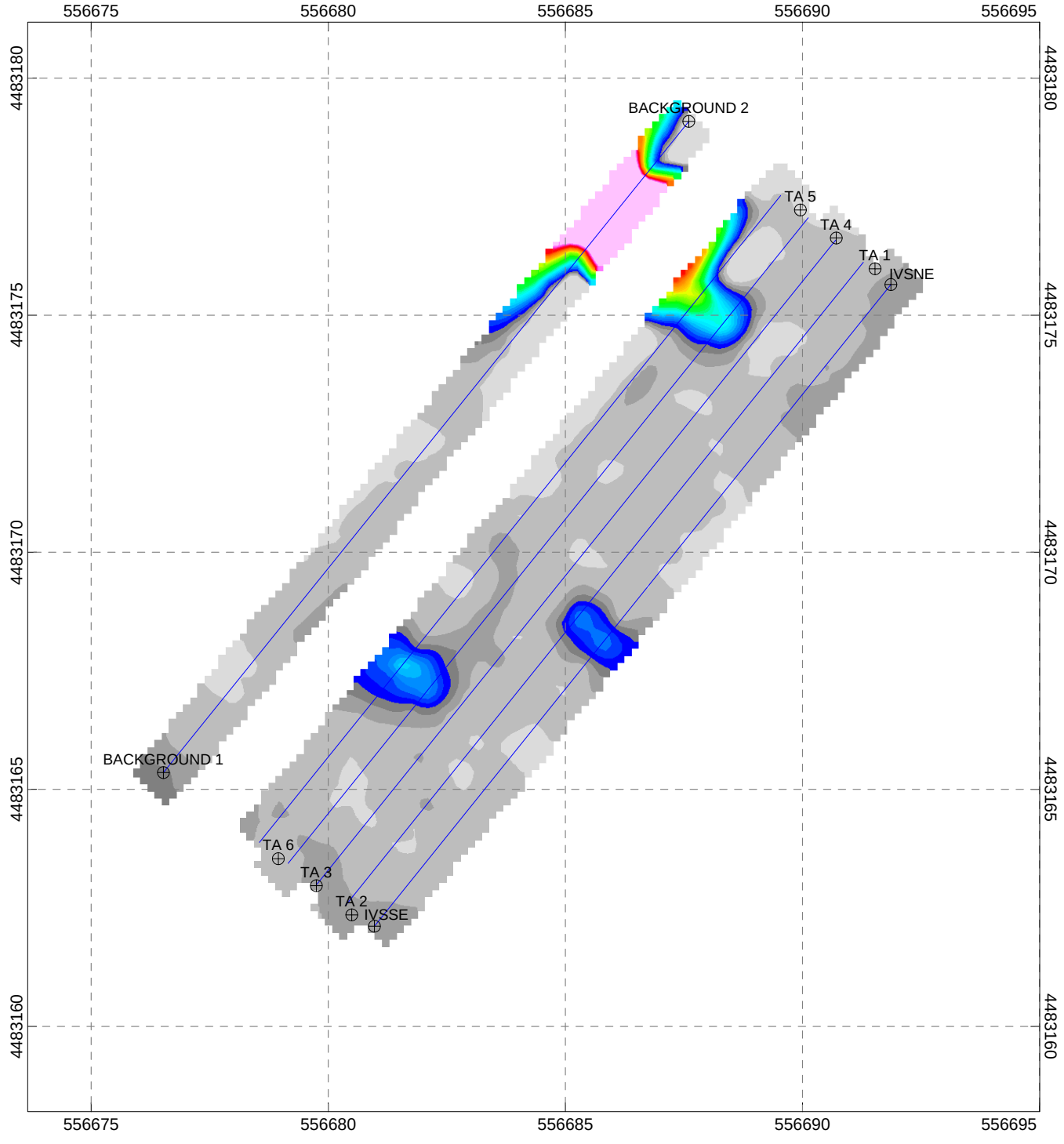
ID	GRIDCELLID	X1	Y1	AMPLITUDE	UNITS
71	TDSA3-12	556090.7	4482738	9.503	mV

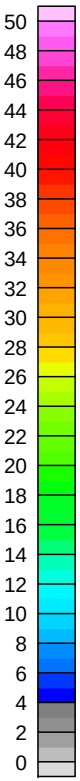


Appendix F

Initial IVS Background and 5 Line Sample Maps

NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
Subsurface Geophysical Surveys





mV
Channel 2

Legend

- Target Location
- Survey Point
- Seed Location
- Line Path

N

2.5 0 2.5
(meters)
NAD83 / UTM zone 18N

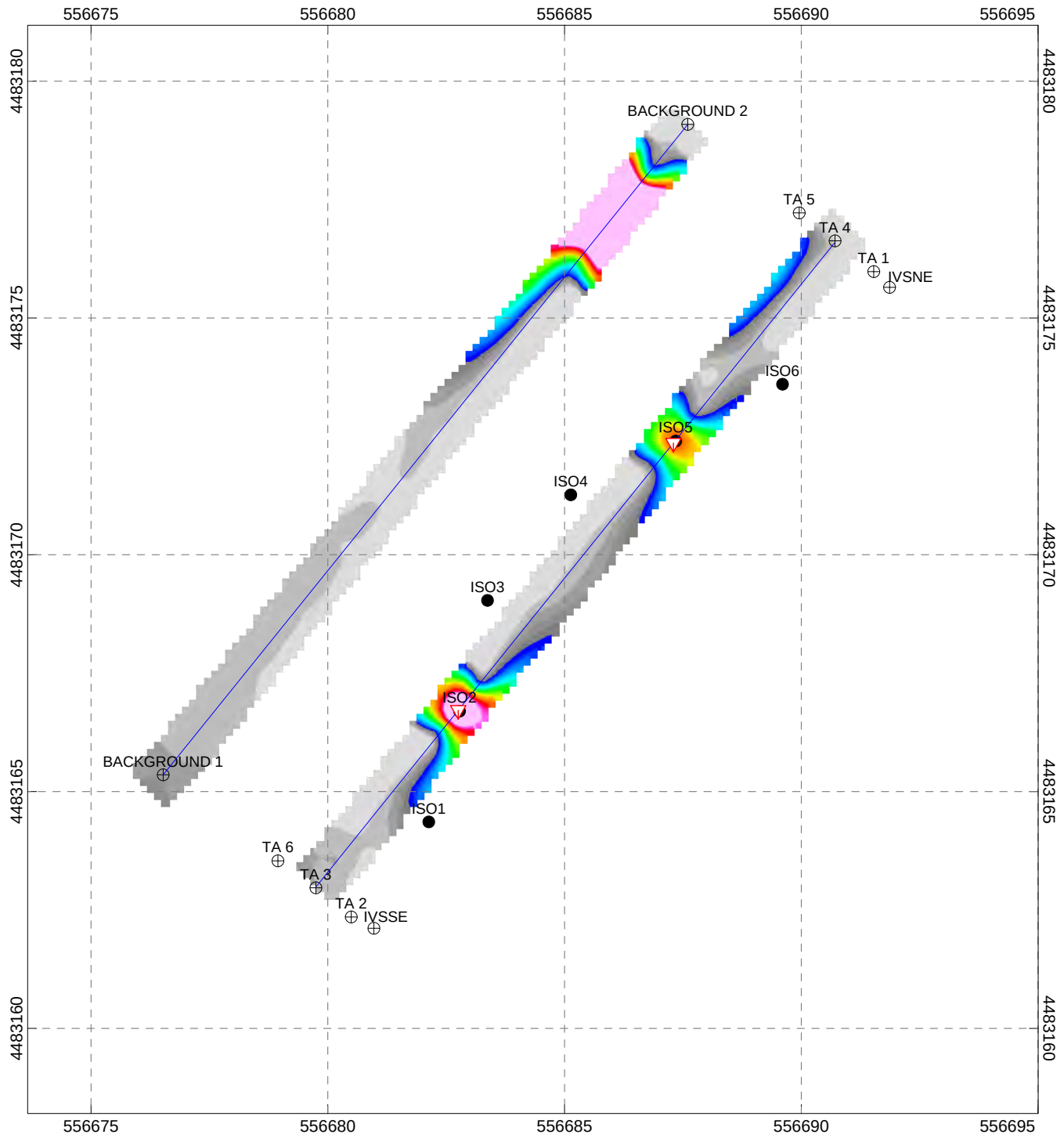
Client: CH2M HILL

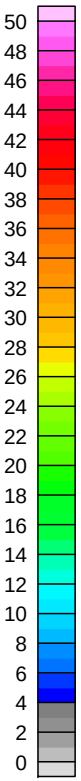
EM61 MK2 Bottom Coil - Person Portable
1203Background (IVS Test - 5 Line) Background
Geo A
Former Raritan Arsenal
Edison, Middlesex County, New Jersey

Date of Survey: 12/03/2013
Date of Map Creation: 12/05/2013

Map Approver: J. Guillard

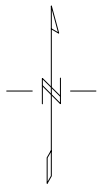
NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
Subsurface Geophysical Surveys





Legend

- Target Location
- Survey Point
- Seed Location
- Line Path



2.5 0 2.5
(meters)
NAD83 / UTM zone 18N

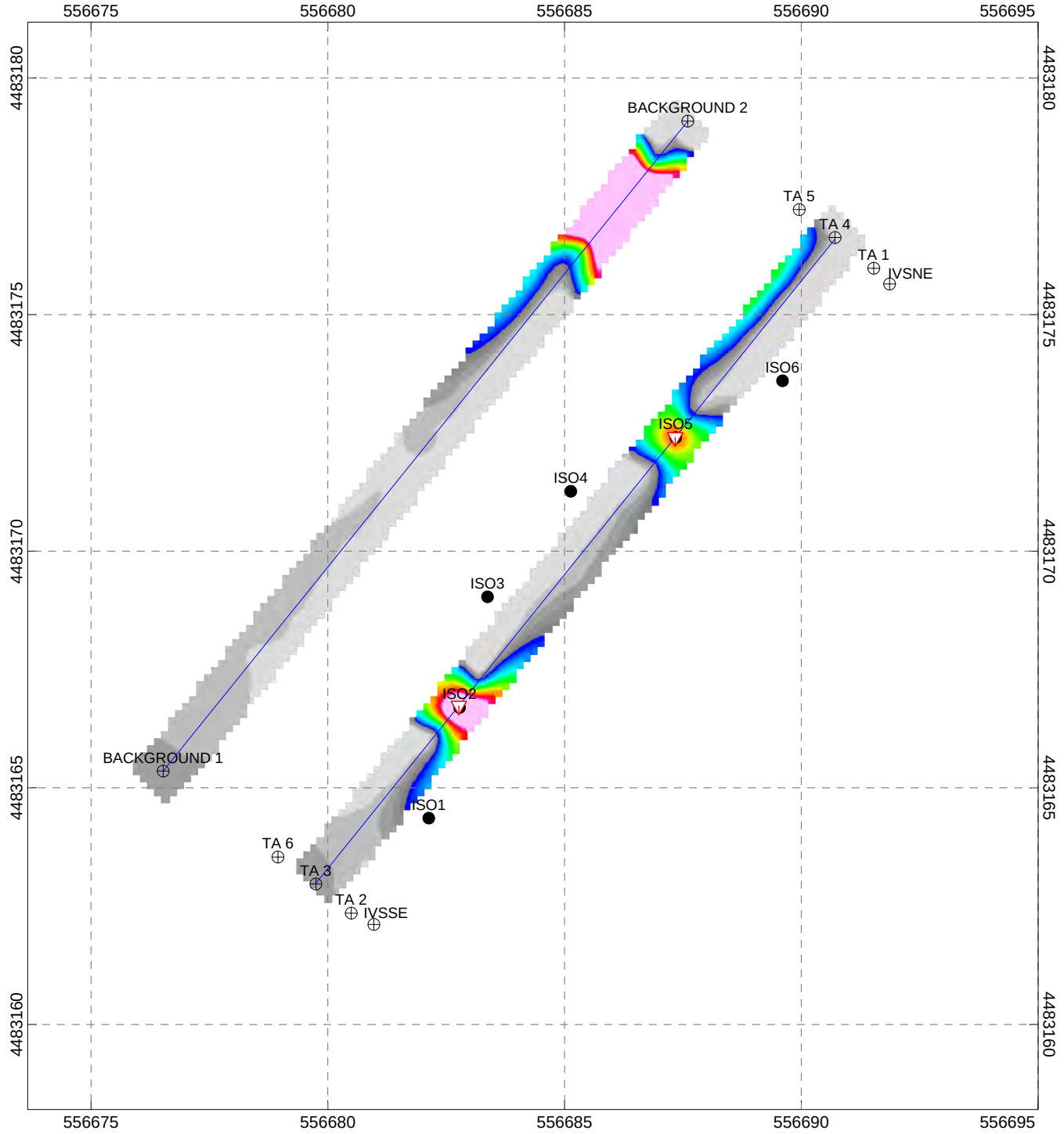
Client: CH2M HILL

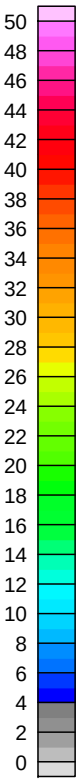
EM61 MK2 Bottom Coil - Person Portable
1205IVS1 (IVS Test - 2 Line) Seeded
DSA-2 Munitions Response Area - Geo A
Former Raritan Arsenal
Edison, Middlesex County, New Jersey

Date of Survey: 12/05/2013
Date of Map Creation: 12/06/2013

Map Approver: J. Guillard

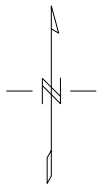
NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
Subsurface Geophysical Surveys





Legend

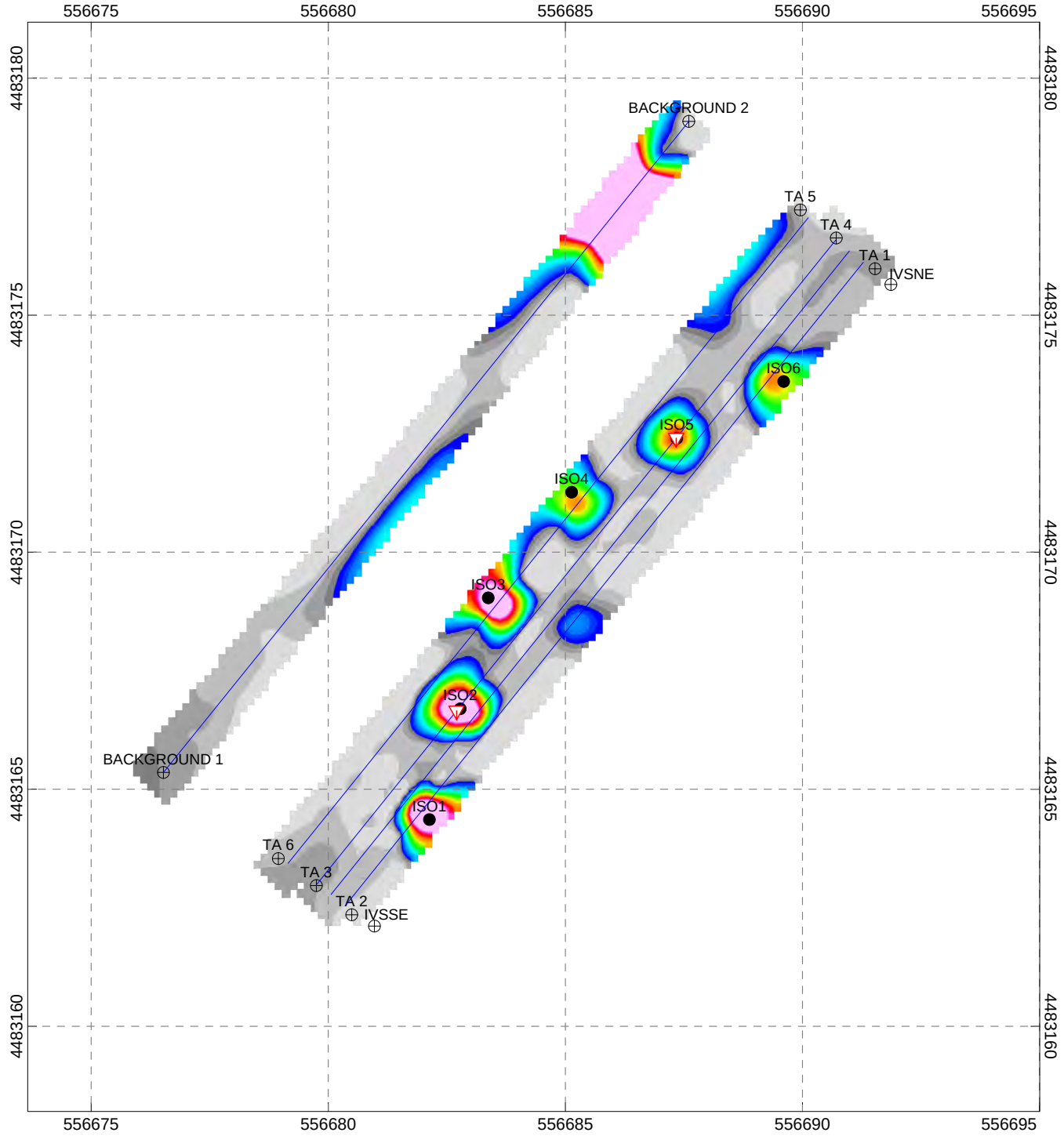
- Target Location
- Survey Point
- Seed Location
- Line Path

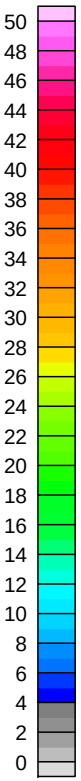


2.5 0 2.5
(meters)
NAD83 / UTM zone 18N

Client: CH2M HILL
EM61 MK2 Bottom Coil - Person Portable 1205IVS2 (IVS Test - 2 Line) Seeded DSA-2 Munitions Response Area - Geo A Former Raritan Arsenal Edison, Middlesex County, New Jersey
Date of Survey: 12/05/2013 Date of Map Creation: 12/06/2013
Map Approver: J. Guillard

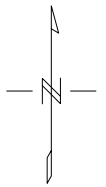
NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
Subsurface Geophysical Surveys

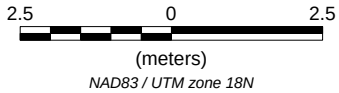




Legend

- Target Location
- Survey Point
- Seed Location
- Line Path





NAD83 / UTM zone 18N

Client: CH2M HILL
EM61 MK2 Bottom Coil - Person Portable 12035Line (IVS Test - 5 Line) Seeded Geo A Former Raritan Arsenal Edison, Middlesex County, New Jersey
Date of Survey: 12/03/2013 Date of Map Creation: 12/05/2013
Map Approver: J. Guillard

Appendix G

IVS Response Memorandum

NAEVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
Subsurface Geophysical Surveys

GPR
MAGNETICS
ELECTROMAGNETICS
SEISMICS
RESISTIVITY
UTILITY LOCATION
UXO DETECTION
BOREHOLE CAMERA
STAFF SUPPORT

IVS Response Memo

Digital Geophysical Mapping
Raritan Remedial Investigation/Feasibility Study

Date: February 26, 2014

To: Tamir Klaff, CH2M HILL's Project Geophysicist

Cc: Jon Guillard, NAEVA's QC Geophysicist

From: Karen Lemley, Geophysical Project Manager

RE: Varying Response over the ISO seeds in the IVS

This memorandum is intended to document the reason why the IVS seed responses have not been comparable from day to day since remobilization of the towed array system for data recollection for the Raritan Remedial Investigation project. When NAEVA's field crew mobilized back to Raritan to re-collect the towed array data on February 18th, there was approximately 10-15 inches of snow on the ground at the instrument verification strip (IVS). The IVS was collected and the data were turned over to CH2M HILL. There was a noticeable decrease in responses from the items as a result of the wheels riding on top of the snow, thus raising the height of the coil. See below table (IVS-04 was changed to a schedule 80 ISO as part of the TEMTADS system testing after the collection of the December 2013 data so it is no longer comparable).

	IVS-01		IVS-02		IVS-03		IVS-04		IVS-05		IVS-06	
	Dec-13	18-Feb	Dec-13	18-Feb	Dec-13	18-Feb	Dec-13	18-Feb	Dec-13	18-Feb	Dec-13	18-Feb
1st Pass	97.64	28.46	95.52	34.37	79.31	21.01	38.56	26.35	48.26	23.20	45.94	12.87
2nd Pass	99.00	32.26	99.75	39.12	90.71	25.29	43.42	27.36	48.85	26.77	44.58	15.10
Average	98.32	30.36	97.63	36.74	85.01	23.15	40.99	26.86	48.55	24.99	45.26	13.99
% Difference	-69.12%		-62.37%		-72.77%		-34.49%		-48.54%		-69.09%	

CH2M HILL had a call with USACE and it was decided to proceed with data collection. Since that time the snow has been melting and as of February 24th there was minimal snow left on the ground. The melting of the snow is lowering the height of the coils above the ground, thus the response of the ISOs are increasing. Below is the comparison between February 18th collection of the IVS and February 25th collection.

	IVS-01		IVS-02		IVS-03		IVS-04		IVS-05		IVS-06	
	18-Feb	25-Feb	18-Feb	25-Feb	18-Feb	25-Feb	18-Feb	25-Feb	18-Feb	25-Feb	18-Feb	25-Feb
1st Pass	28.46	78.71	34.37	95.41	21.01	70.285	26.35	111.39	23.20	58.093	12.87	33.29
2nd Pass	32.26	81.564	39.12	95.35	25.29	73.373	27.36	116.68	26.77	61.732	15.10	34.83
Average	30.36	80.14	36.74	95.38	23.15	71.83	26.86	114.03	24.99	59.91	13.99	34.06
% Difference	163.93%		159.60%		210.29%		324.61%		139.79%		143.50%	

Below is the comparison between December 2013 collection of the IVS and February 25th collection. As expected the response are much closer to the original values.

NEW YORK
225 N Route 303
Suite 102
Congers
New York 10920
(845) 268-1800
(845) 268-1802 Fax

VIRGINIA
P.O. Box 7325
Charlottesville
Virginia 22906
(434) 978-3187
(434) 973-9791 Fax

	IVS-01		IVS-02		IVS-03		IVS-04		IVS-05		IVS-06	
	Dec-13	25-Feb	Dec-13	25-Feb	Dec-13	25-Feb	Dec-13	25-Feb	Dec-13	25-Feb	Dec-13	25-Feb
1st Pass	97.64	78.71	95.52	95.41	79.31	70.285	38.56	111.39	48.26	58.093	45.94	33.29
2nd Pass	99.00	81.564	99.75	95.35	90.71	73.373	43.42	116.68	48.85	61.732	44.58	34.83
Average	98.32	80.14	97.63	95.38	85.01	71.83	40.99	114.03	48.55	59.91	45.26	34.06
% Difference	-18.49%		-2.31%		-15.50%		178.17%		23.39%		-24.74%	

Appendix H

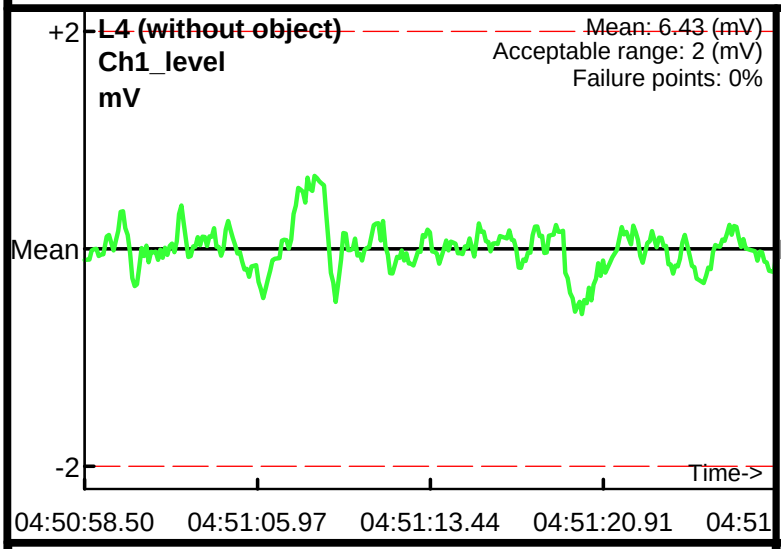
Sample Static Spike, Cable Shake, Personnel and Vehicle Test Figures

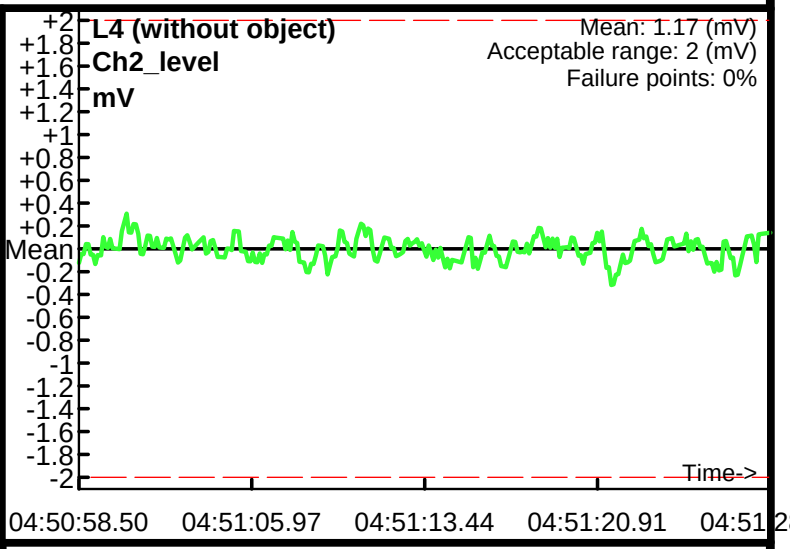
Static Calibration Test - Cable & Personnel Tests

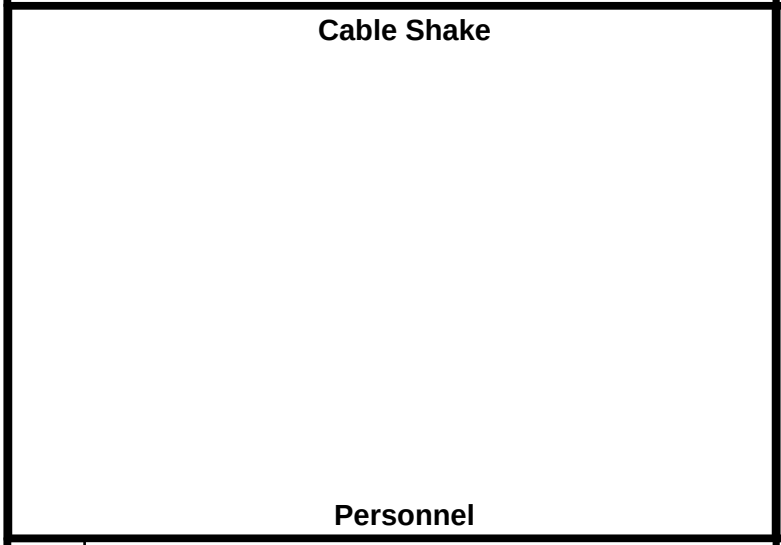
Project: Raritan Arsenal, New Jersey
Equipment: EM-61 Mark II
Grid/Location: QC Area

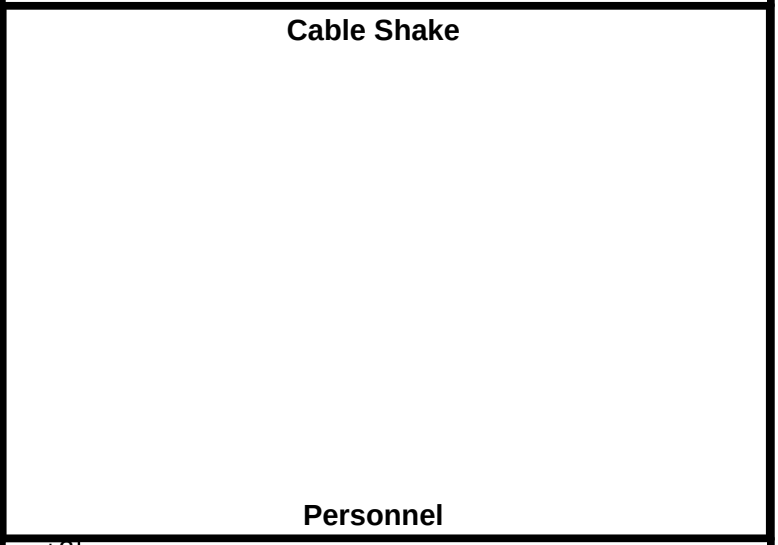
Outside range
Acceptable limits

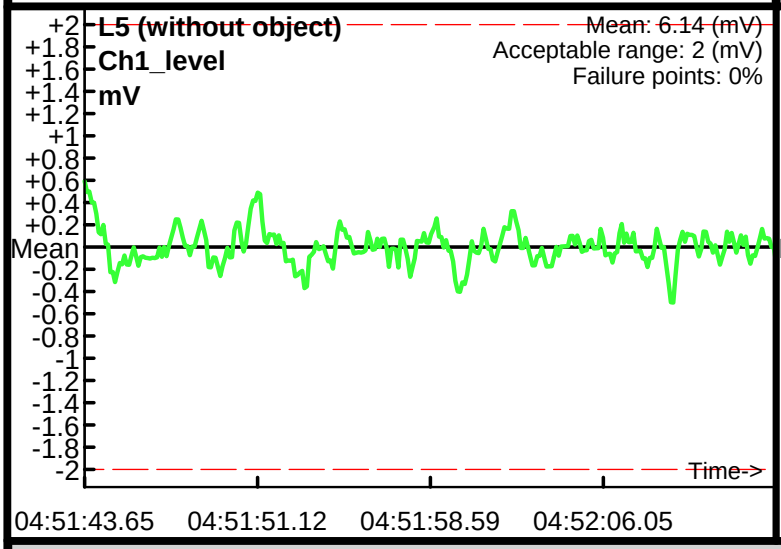
AM test
Operator: GeoA
Date: 03/25/2014

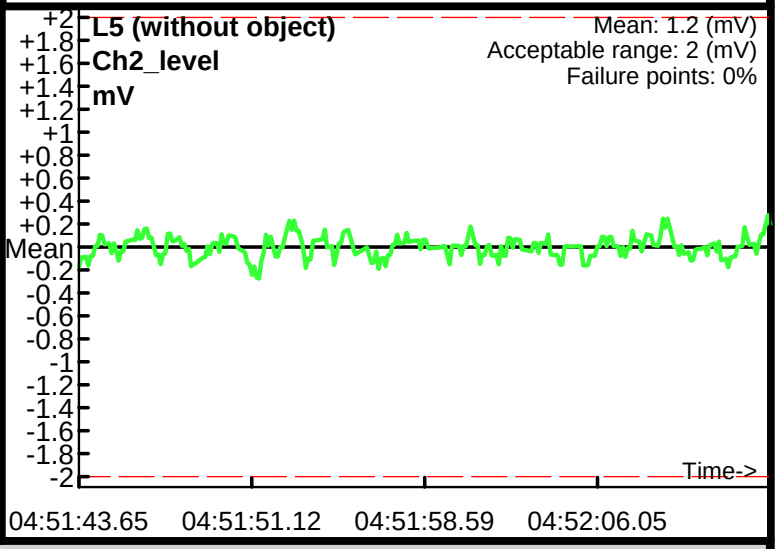












Database: c:\Projects\Raritan\Data\Geosoft\QC\032514_pp_qc1\0325QC1.gdb
Line Name: L4 L5 L5

Page: 1

Static Calibration Test

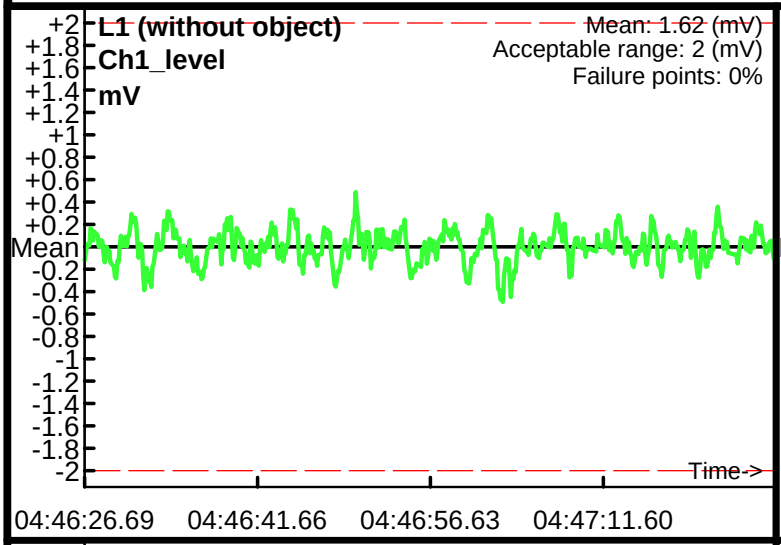
Mean Response Values
Ch1_level Without Object: 3.83
Ch1_level Signal Strength With Object: 39.30

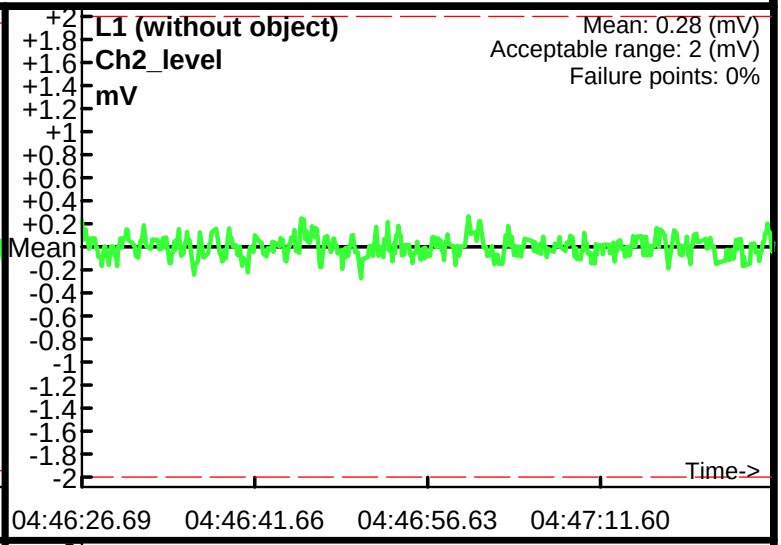
Mean Response Values
Ch2_level Without Object: 0.79
Ch2_level Signal Strength With Object: 21.80

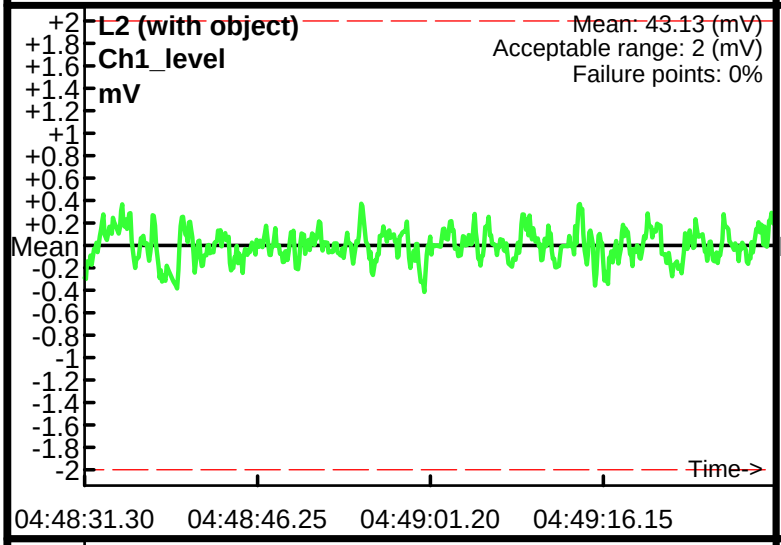
Project: Raritan Arsenal, New Jersey
Equipment: EM-61 Mark II
Grid/Location: QC Area

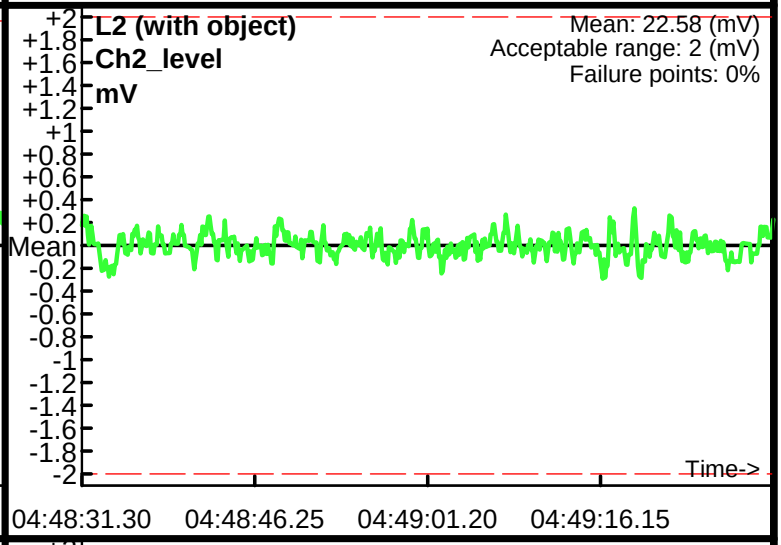
Outside range
Acceptable limits

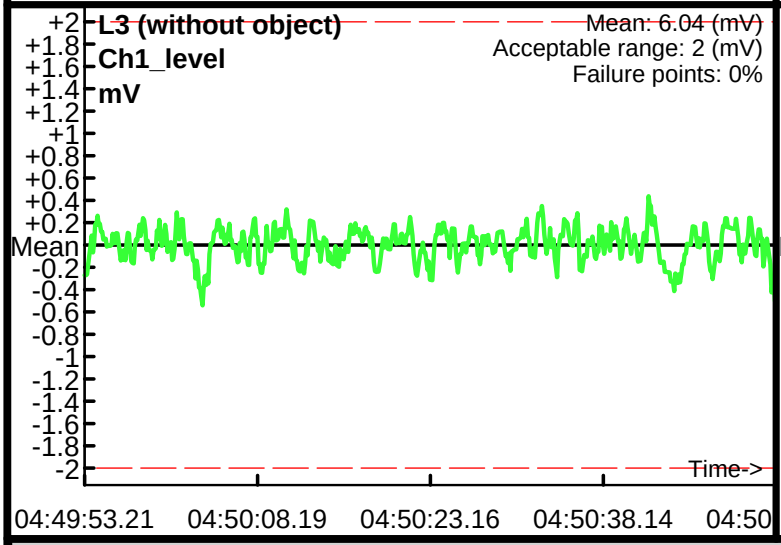
AM test
Operator: GeoA
Date: 03/25/2014

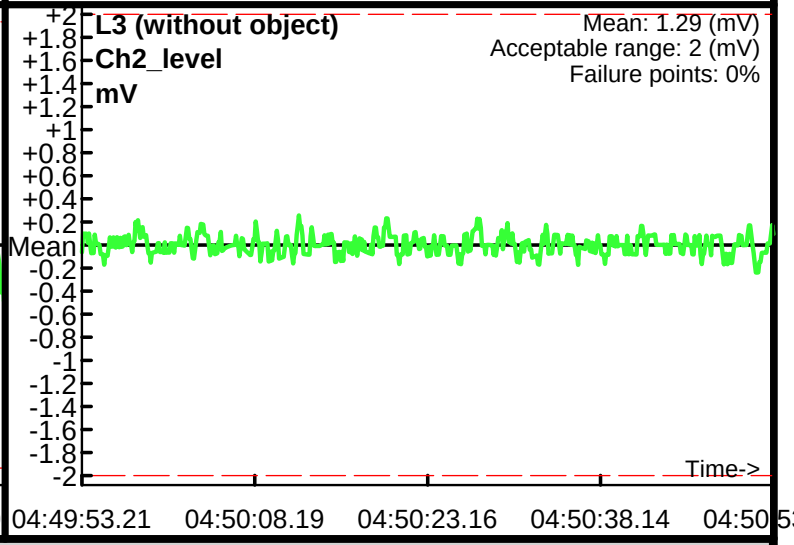












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Line Name: L1 L2 L3

Page: 1