

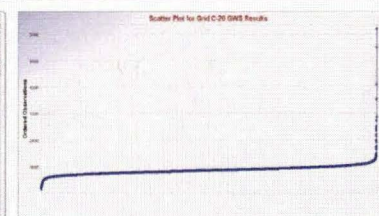
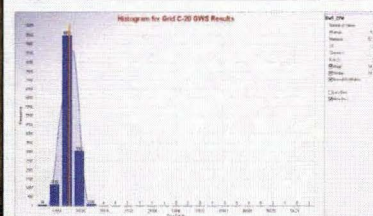
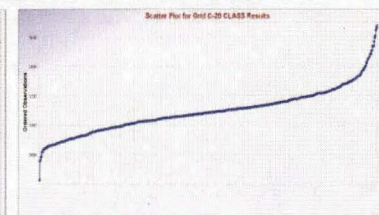
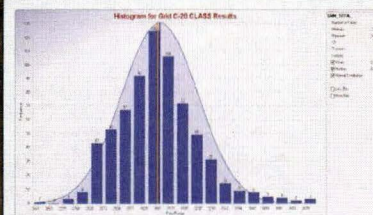
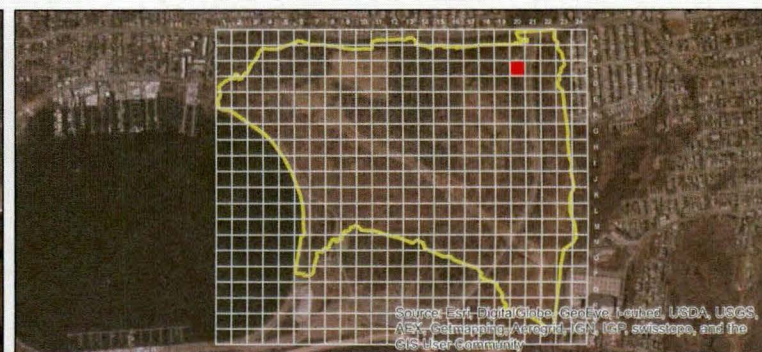
Legend

- Grid Cell
- TCRA Investigation Boundary

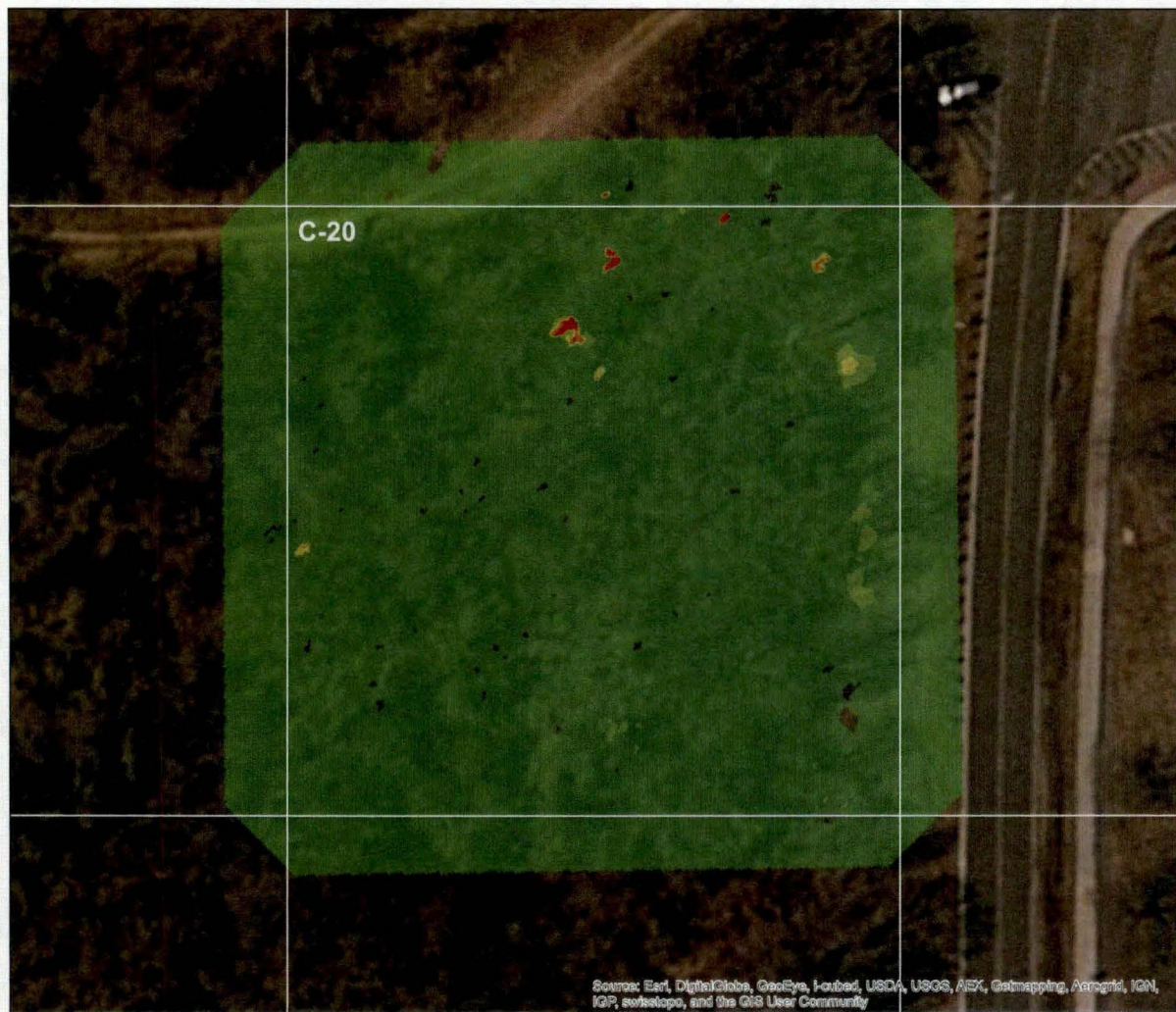
Kriging	
< 2	3 - 4
2 - 3	4 - 5
> 5	> 5



0 50 100 150 Feet



Grid Cell C-20 Kriging		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY		
CG		
Contract No: W92BU-13-C-0010		June 2014



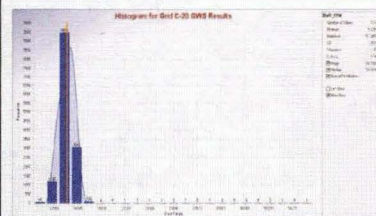
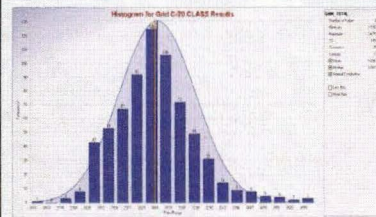
Legend

- Grid Cell
- TCRA Investigation Boundary

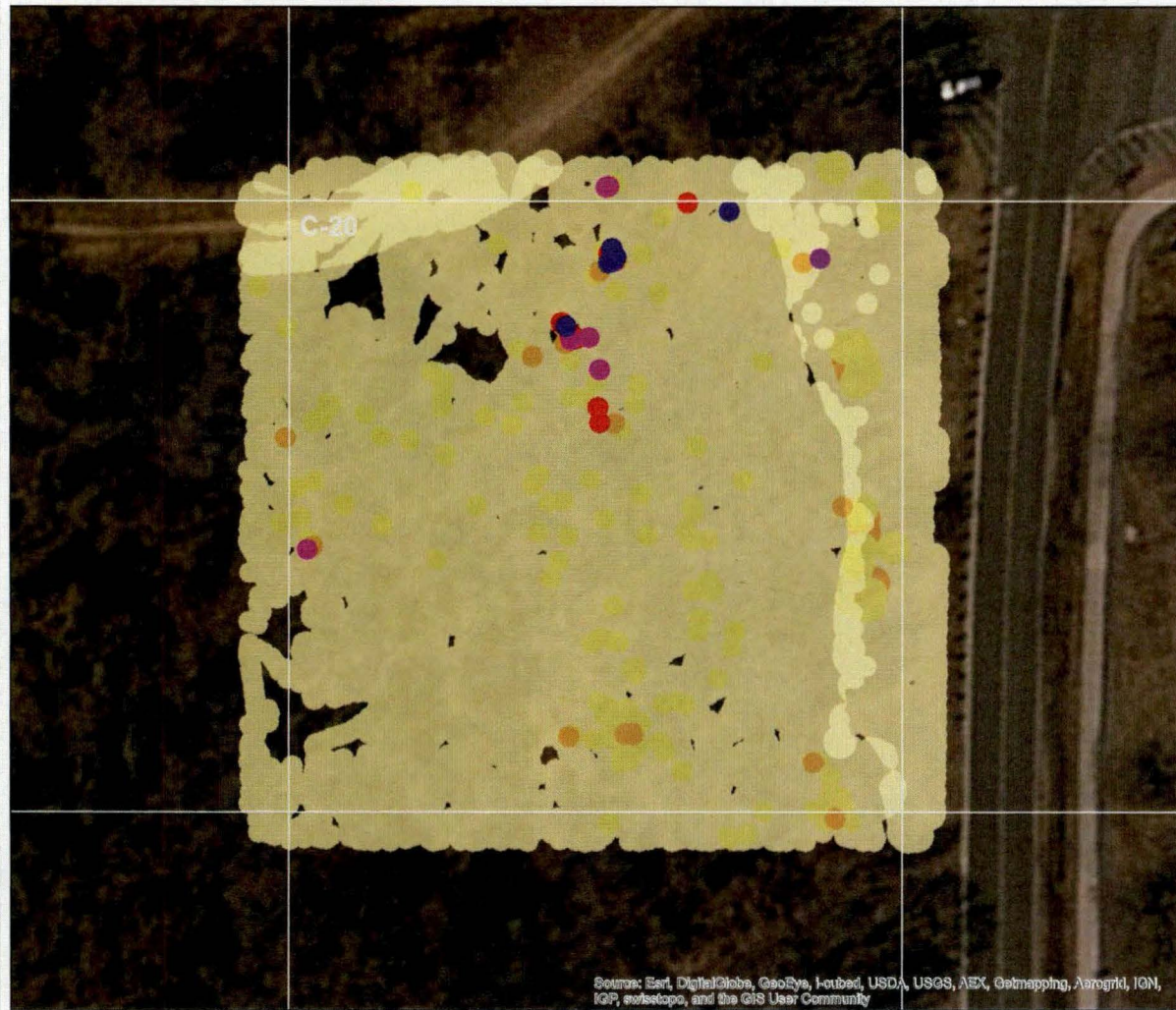
- Kriging**
- < 2
 - 2 - 3
 - 3 - 4
 - 4 - 5
 - > 5



0 50 100 150 Feet



Grid Cell C-20 Kriging		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY	Contract No: W92BU-13-C-0010	June 2014



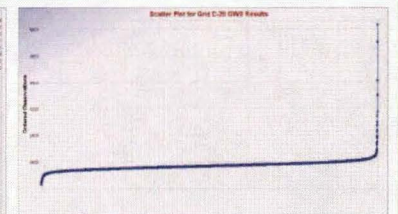
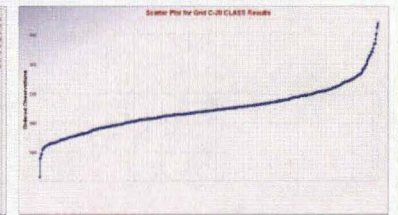
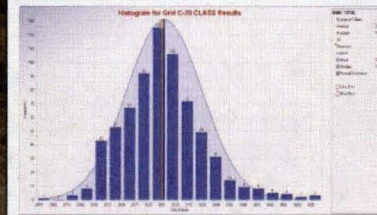
Legend


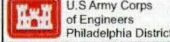
- Grid Cell
- TCRA Investigation Boundary

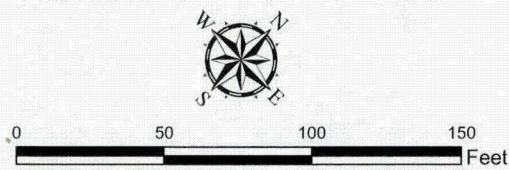
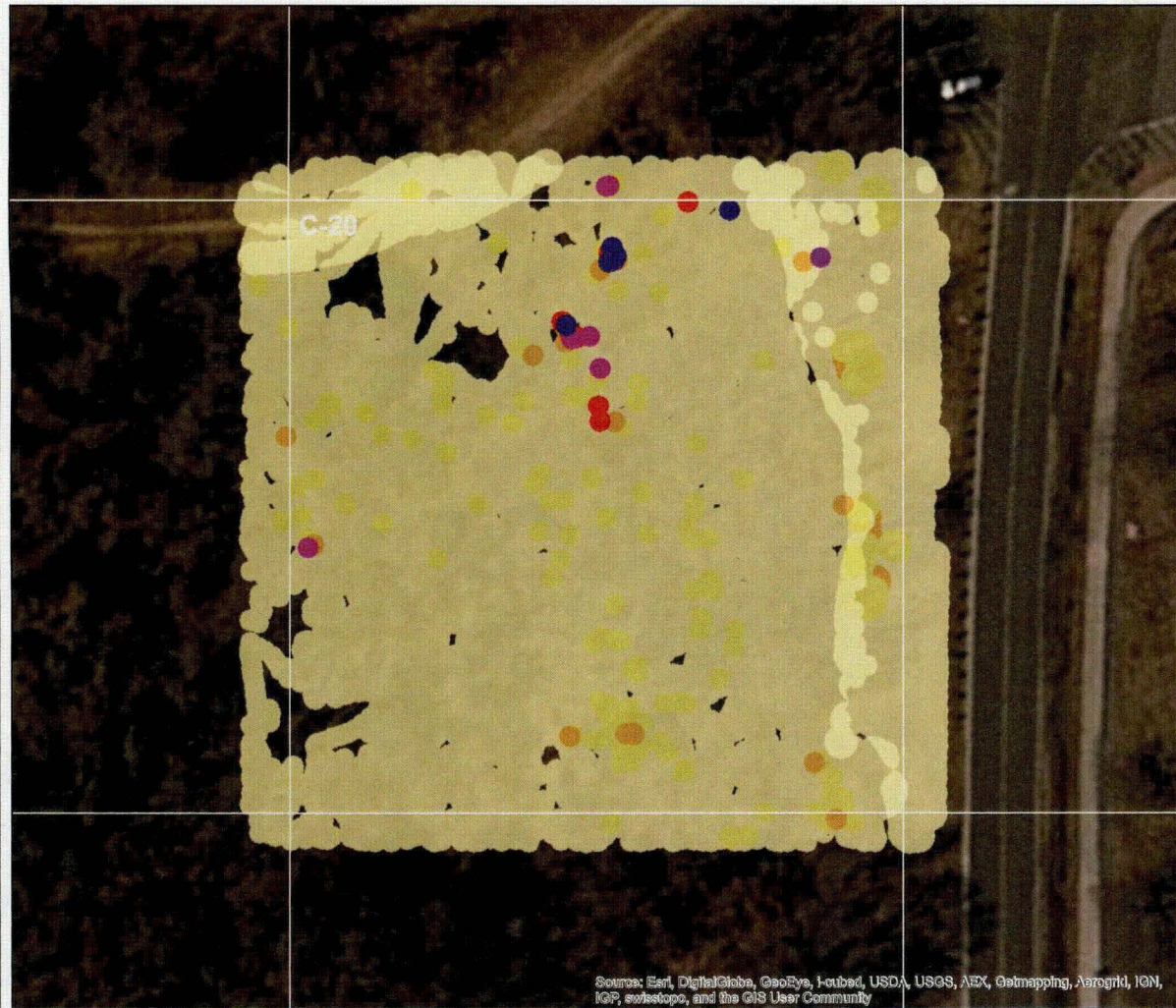
- | Z-Score | |
|---------|---|
| < 2 | ● 5 - 7 |
| 2 - 3 | ● 7 - 11 |
| 3 - 5 | ● 11 - 15 |
| > 5 | ● > 15 |



0 50 100 150 Feet



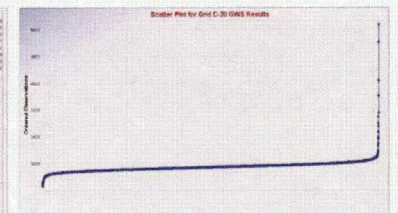
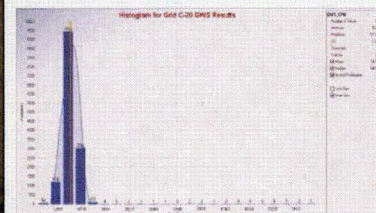
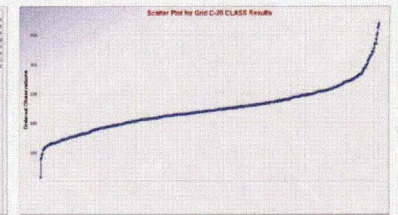
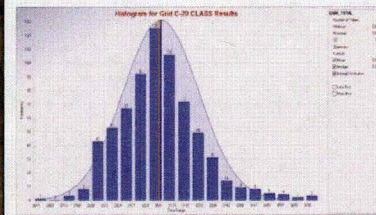
		
Grid Cell C-20 Z-Score		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	June 2014



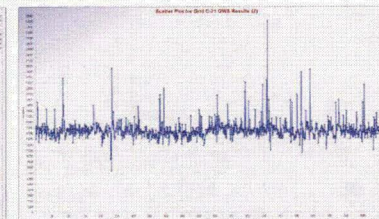
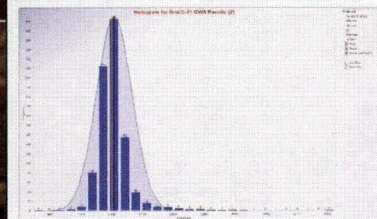
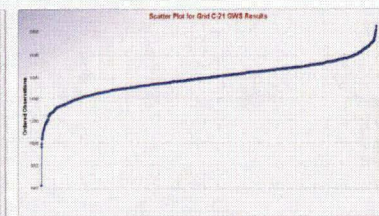
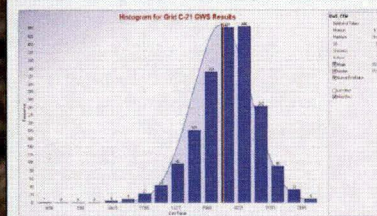
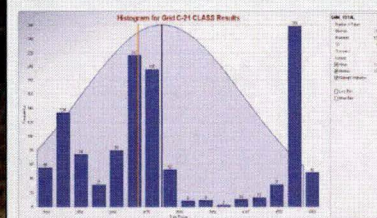
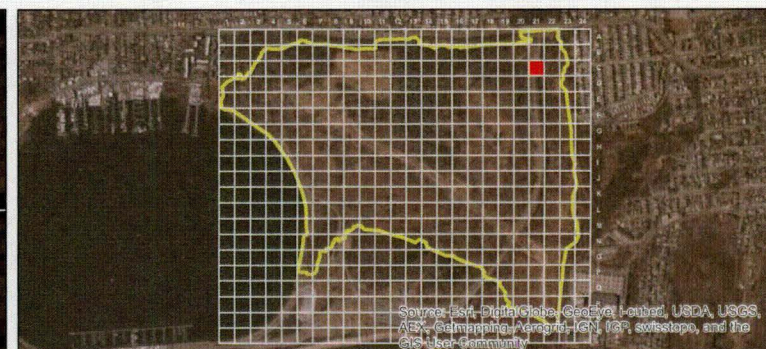
Legend

- Grid Cell
- TCRA Investigation Boundary

- Z-Score**
- < 2
 - 2 - 3
 - 3 - 5
 - 5 - 7
 - 7 - 11
 - 11 - 15
 - > 15



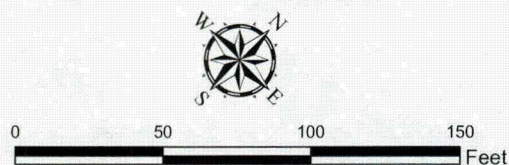
Grid Cell C-20 Z-Score		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY		
CG		
Contract No: W92BU-13-C-0010		June 2014


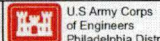


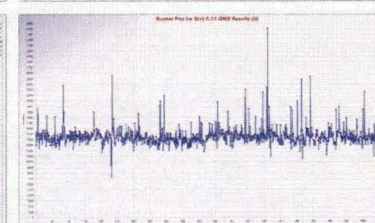
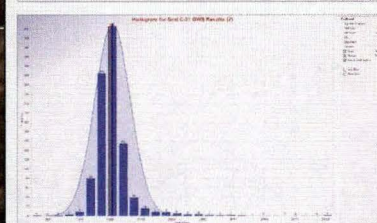
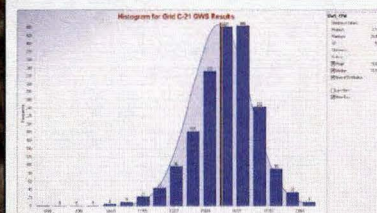
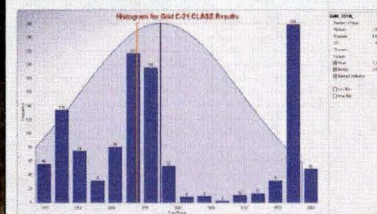
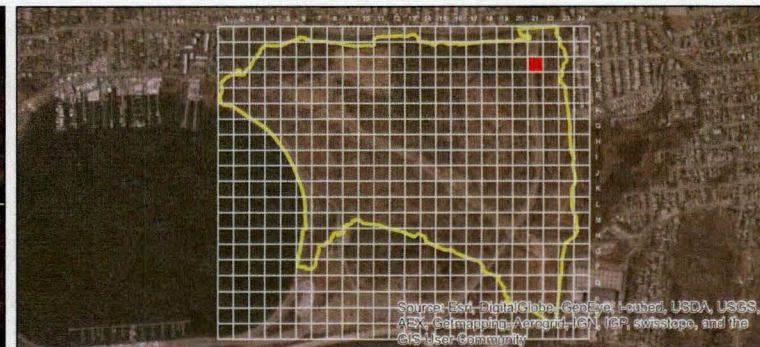
Legend

- Grid Cell
- TCRA Investigation Boundary

- Kriging
- < 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5



		
Grid Cell C-21 Kriging		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CS	Contract No: W92BU-13-C-0010	June 2014



Legend

Grid Cell

TCRA Investigation Boundary

Kriging

< 2

2 - 3

3 - 4

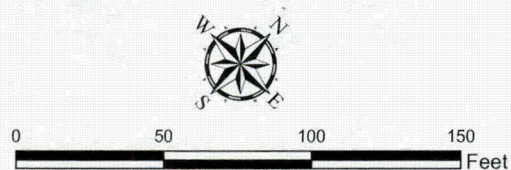
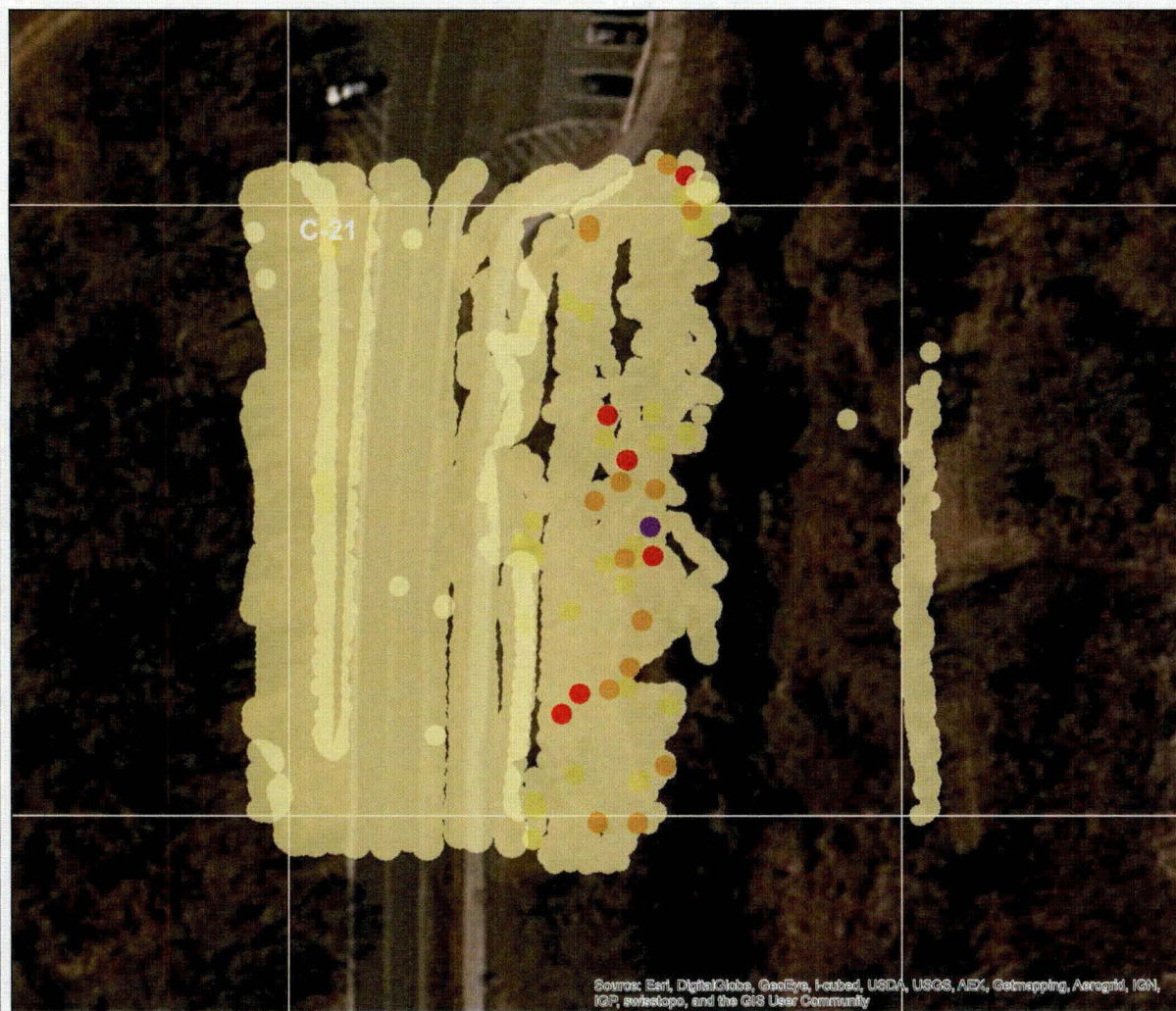
4 - 5

> 5



0 50 100 150 Feet

<p>Grid Cell C-21 Kriging</p>		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY	Contract No: W92BU-13-C-0010	June 2014

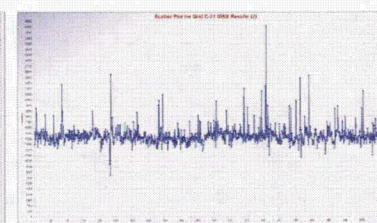
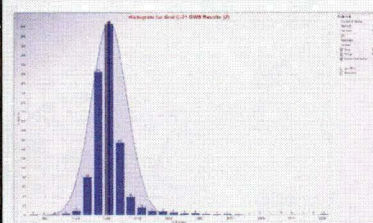
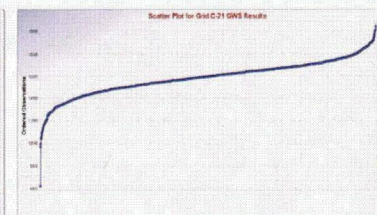
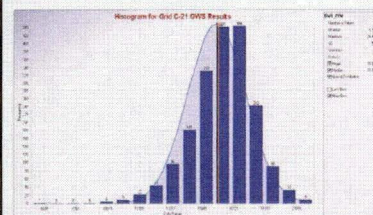
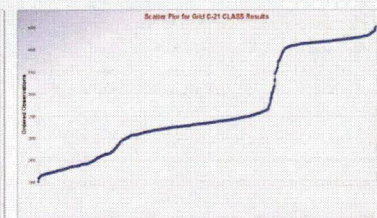
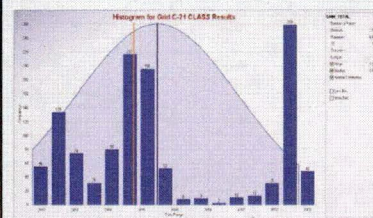
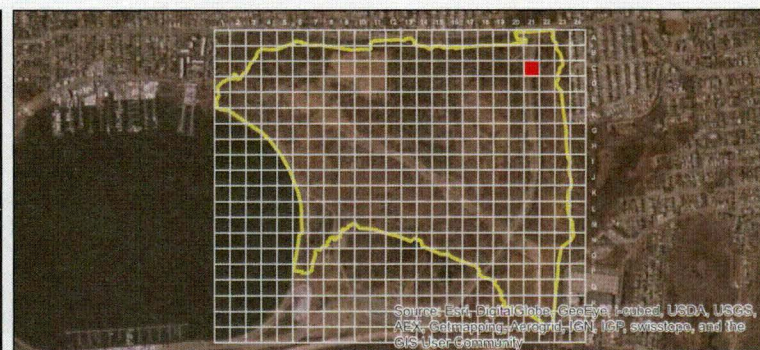


Legend

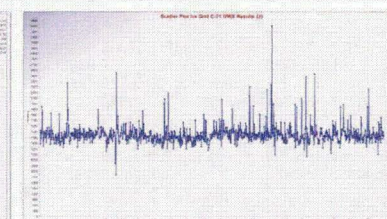
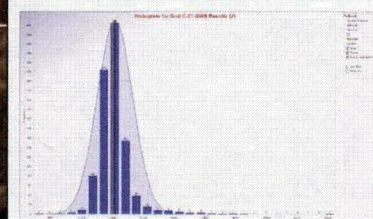
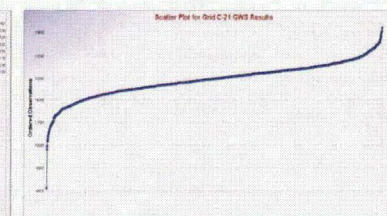
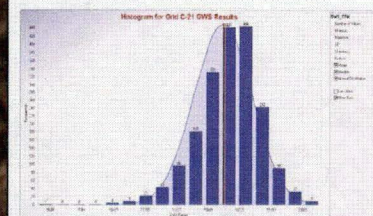
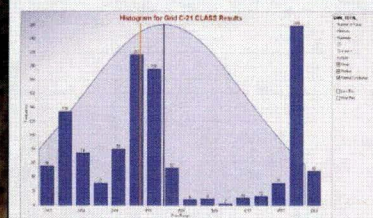
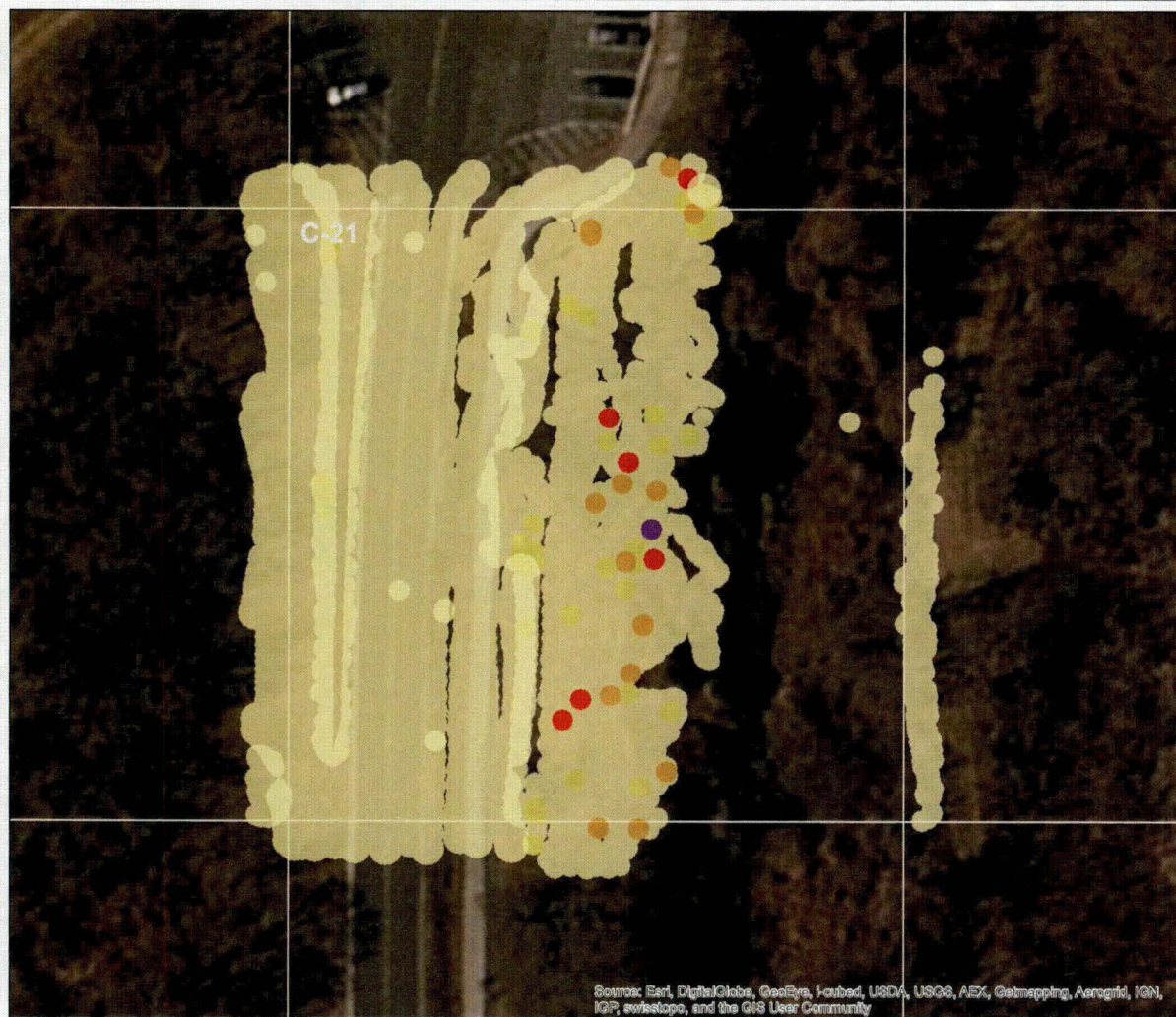
- Grid Cell
- TCRA Investigation Boundary

Z-Score

- < 2
- 2 - 3
- 3 - 5
- 5 - 7
- 7 - 11
- 11 - 15
- > 15



TIDEWATER INC ENGINEERS • CONSULTANTS • PROGRAM MANAGERS		U.S. Army Corps of Engineers Philadelphia District
Grid Cell C-21 Z-Score		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	June 2014



Legend

- Grid Cell
- TCRA Investigation Boundary

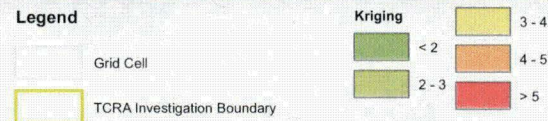
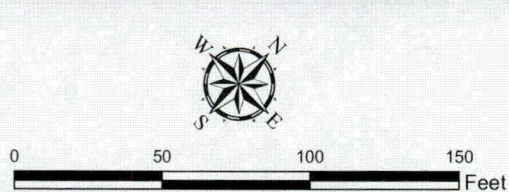
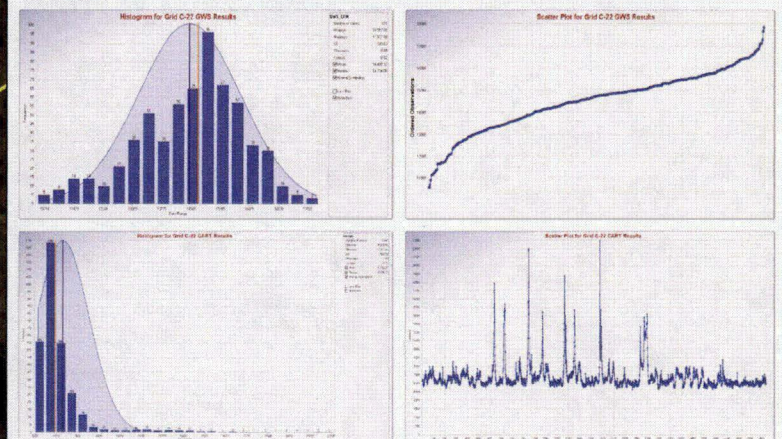
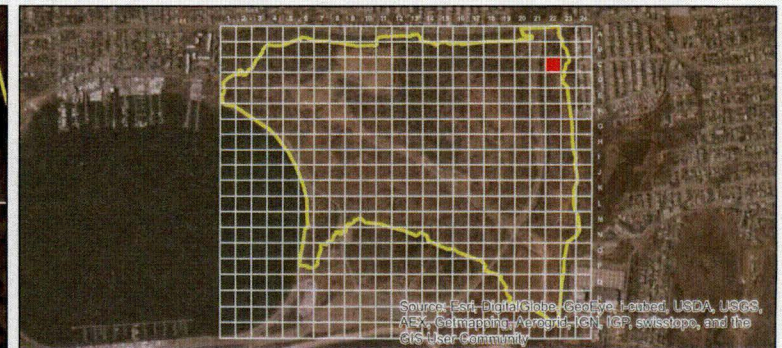
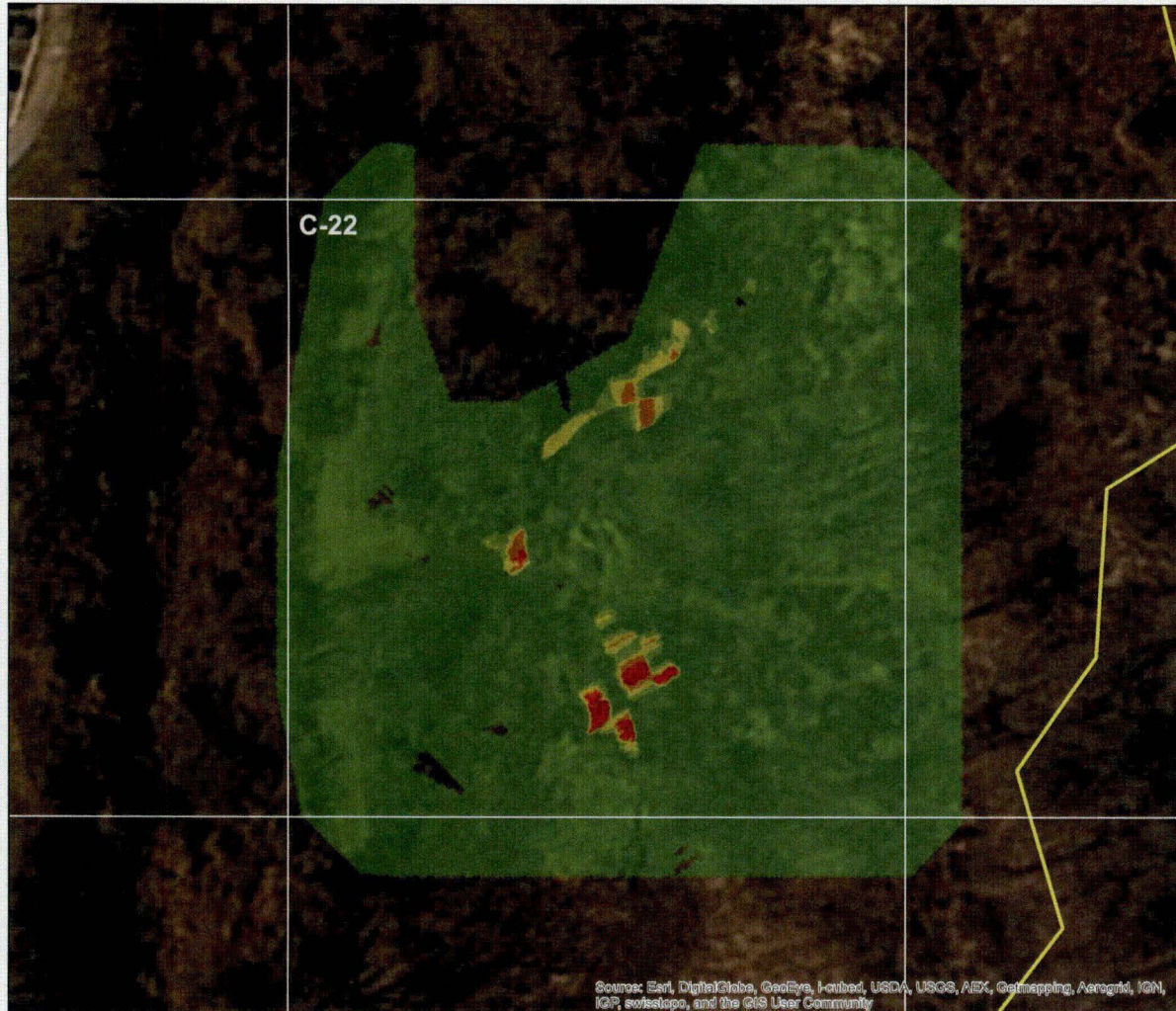
Z-Score


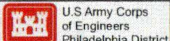
- < 2
- 2 - 3
- 3 - 5
- 5 - 7
- 7 - 11
- 11 - 15
- > 15

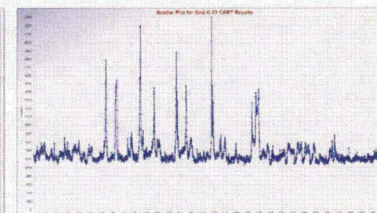
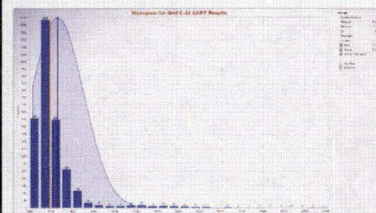
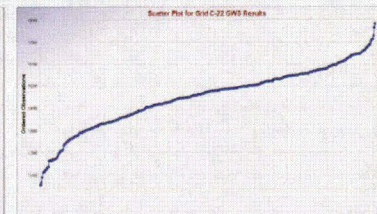
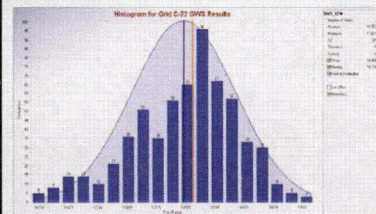
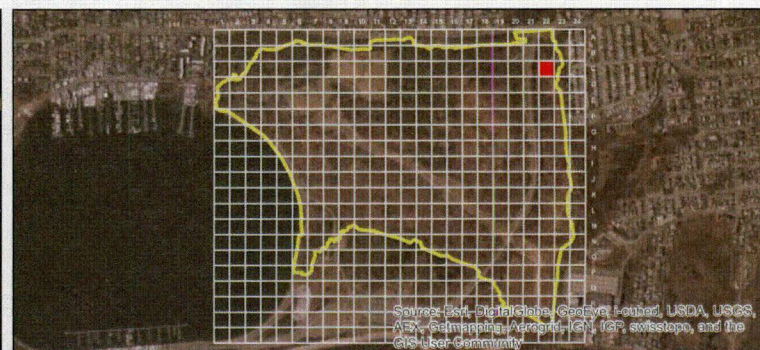
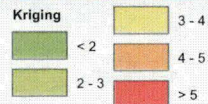
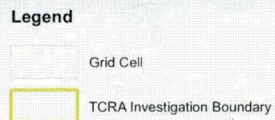
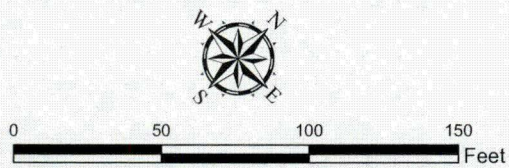
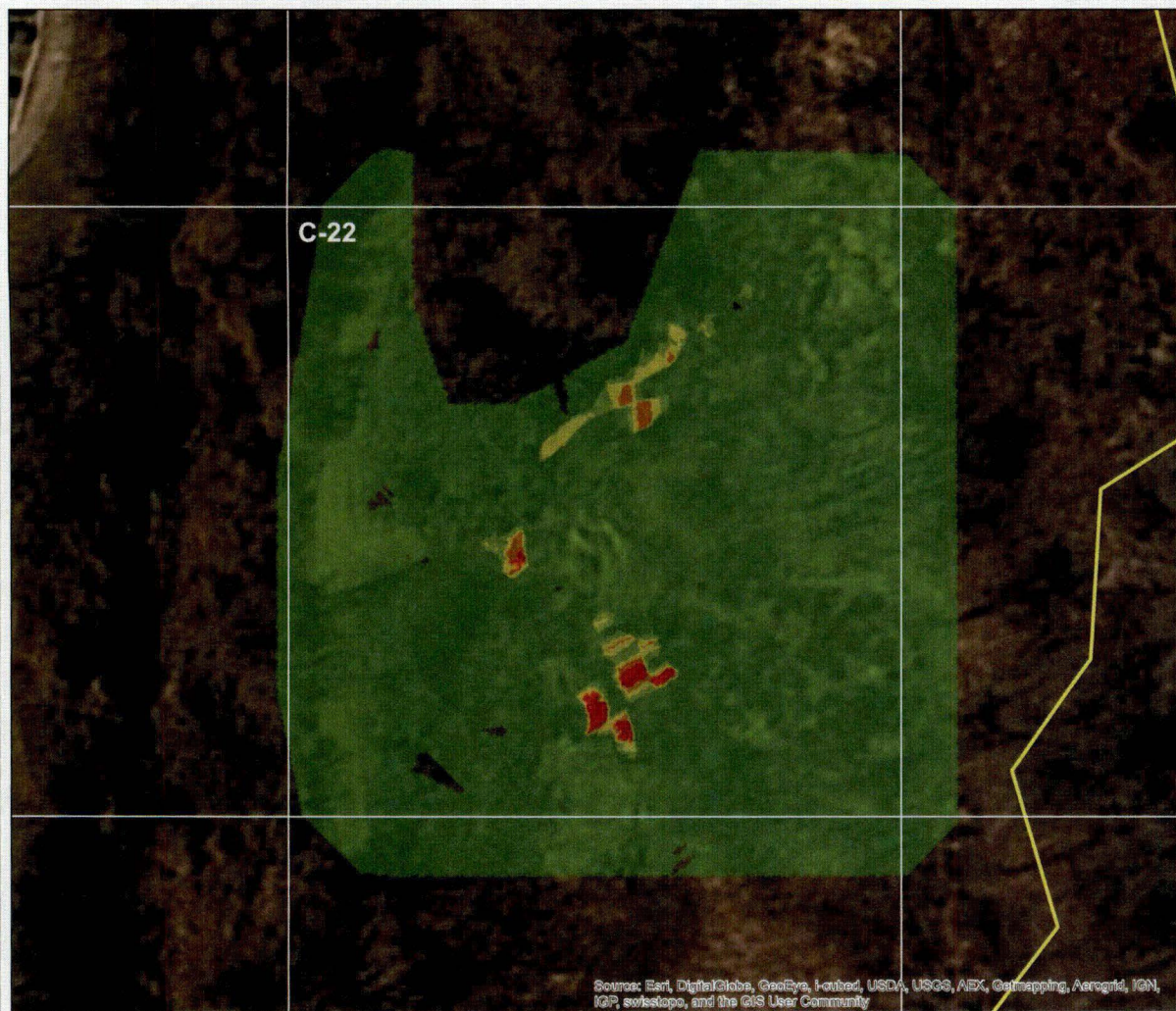


0 50 100 150 Feet

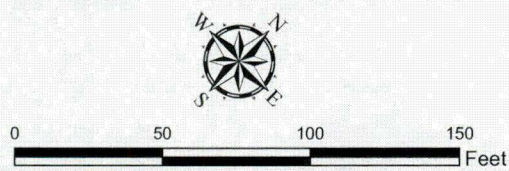
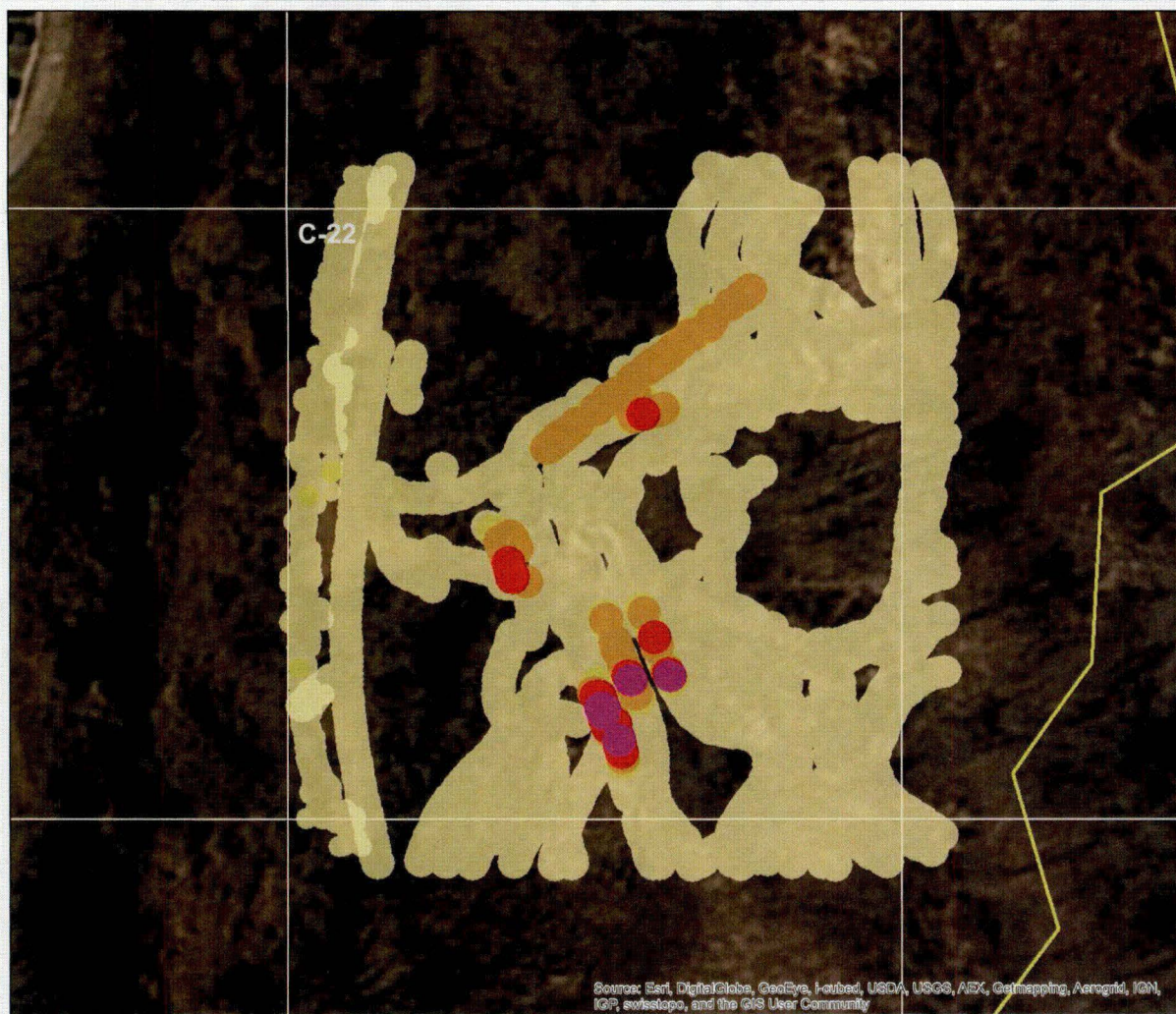
	TIDEWATER INC ENGINEERING • SURVEYING • PROJECT MANAGEMENT		U.S. Army Corps of Engineers Philadelphia District
Grid Cell C-21 Z-Score			
DESIGNED BY	Great Kills Park, Staten Island, NY		Figure #
DRAWN BY			
CHECKED BY			
CG	Contract No: W92BU-13-C-0010		June 2014



		
Grid Cell C-22 Kriging		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	June 2014



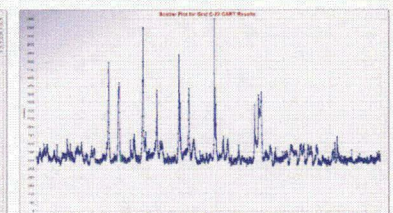
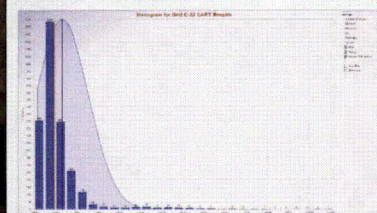
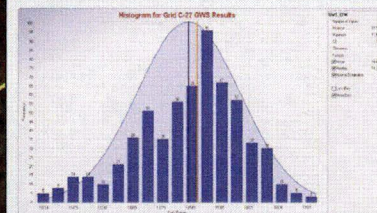
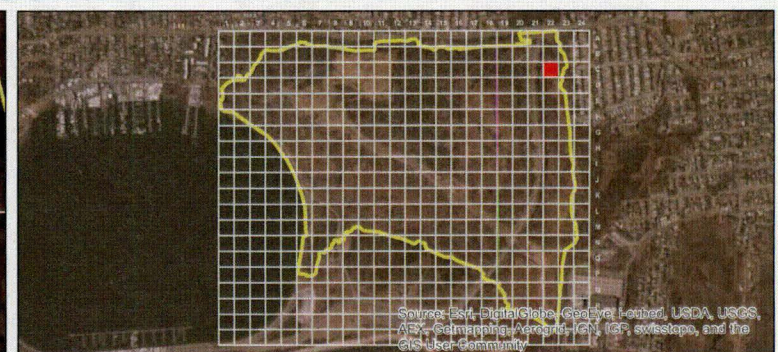
Grid Cell C-22 Kriging					
DESIGNED BY JHG DRAWN BY JHG CHECKED BY CG	<table border="1"> <tr> <td data-bbox="1688 1344 1961 1386">Great Kills Park, Staten Island, NY</td> <td data-bbox="1961 1344 2020 1386">Figure #</td> </tr> <tr> <td data-bbox="1688 1386 1961 1421">Contract No: W92BU-13-C-0010</td> <td data-bbox="1961 1386 2020 1421">June 2014</td> </tr> </table>	Great Kills Park, Staten Island, NY	Figure #	Contract No: W92BU-13-C-0010	June 2014
Great Kills Park, Staten Island, NY	Figure #				
Contract No: W92BU-13-C-0010	June 2014				





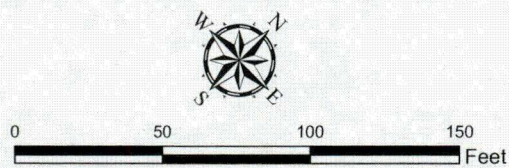
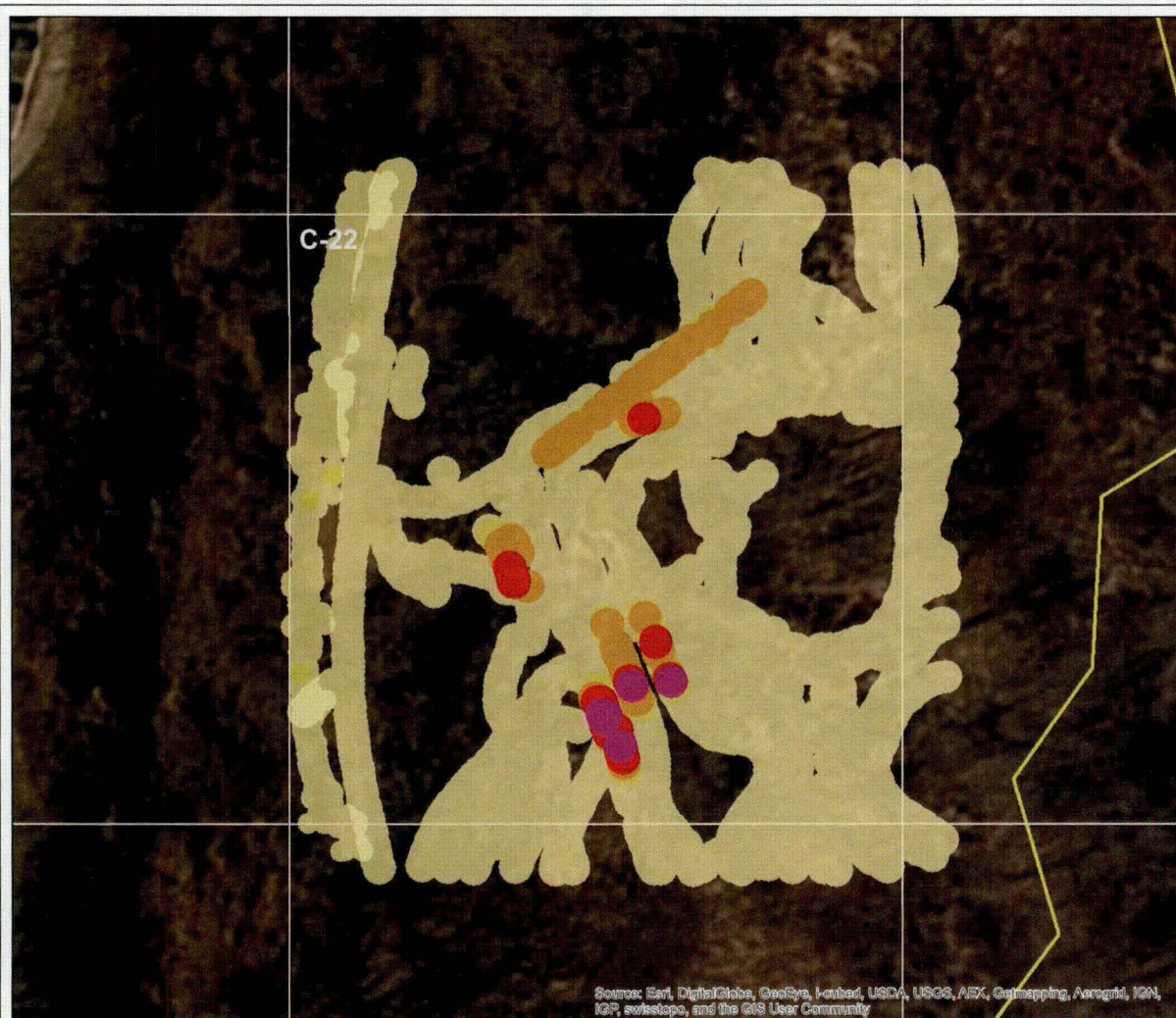
Legend

- Grid Cell
- TCRA Investigation Boundary

- Z-Score**
- < 2
 - 2 - 3
 - 3 - 5
 - 5 - 7
 - 7 - 11
 - 11 - 15
 - > 15



			U.S Army Corps of Engineers Philadelphia District
TIDEWATER INC <small>ENGINEERS • SCIENTISTS • PROGRAM MANAGERS</small>			
Grid Cell C-22 Z-Score			
DESIGNED BY	Great Kills Park, Staten Island, NY		Figure #
JHG			
DRAWN BY			
JHG			
CHECKED BY	Contract No: W92BU-13-C-0010		June 2014
CG			

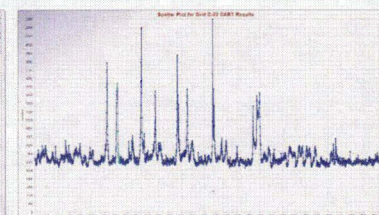
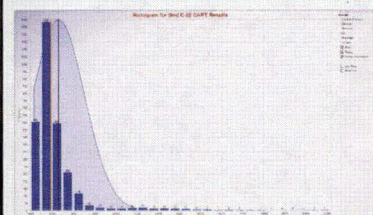
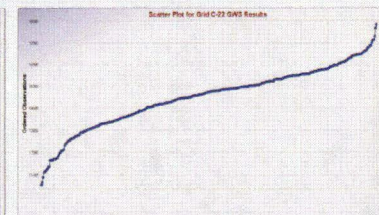
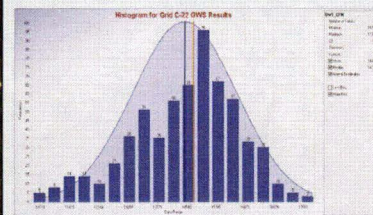
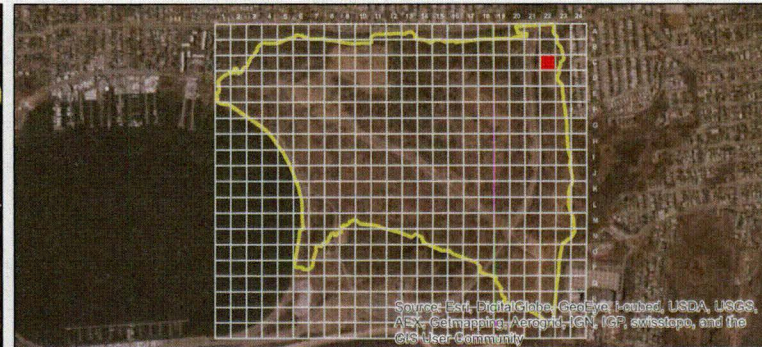




Legend

- Grid Cell
- TCRA Investigation Boundary

Z-Score

- < 2
- 2 - 3
- 3 - 5
- 5 - 7
- 7 - 11
- 11 - 15
- > 15



	TIDEWATER INC <small>ENGINEERS • SCIENTISTS • PROGRAM MANAGERS</small>		U.S Army Corps of Engineers Philadelphia District
<h1>Grid Cell C-22 Z-Score</h1>			
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #	
DRAWN BY JHG			
CHECKED BY CG			
Contract No: W92BU-13-C-0010		June 2014	



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, IGP, swisstopo, and the GIS User Community



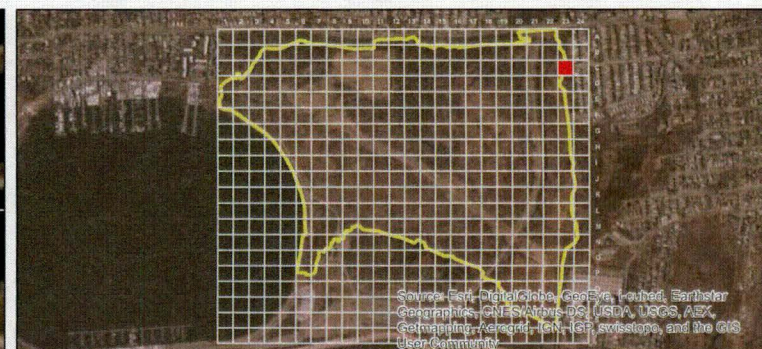
0 50 100 150 Feet

Legend

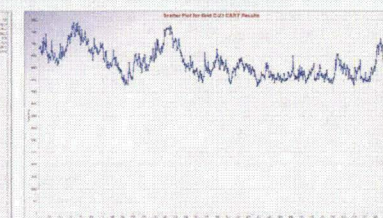
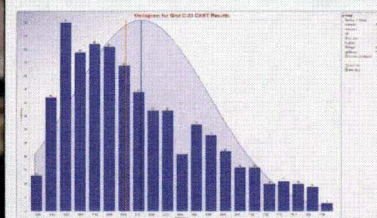
- Grid Cell
- TCRA Investigation Boundary

Kriging

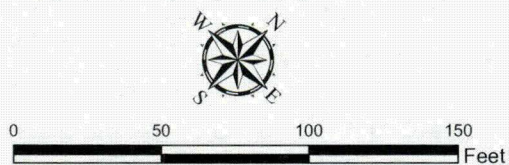
- < 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, IGP, swisstopo, and the GIS User Community



Grid Cell C-23 Kriging		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	June 2014



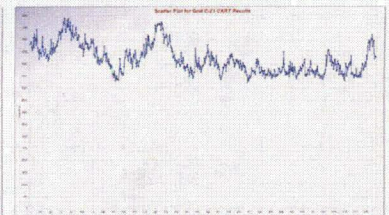
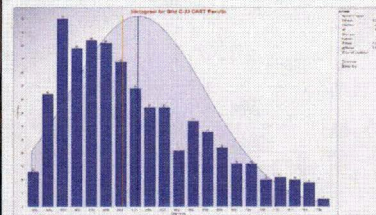
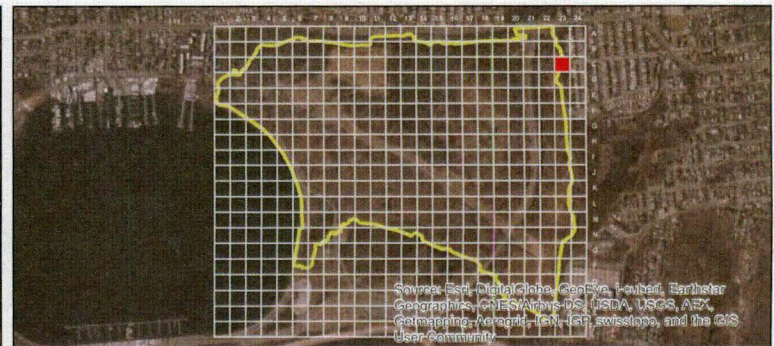
Legend

Grid Cell

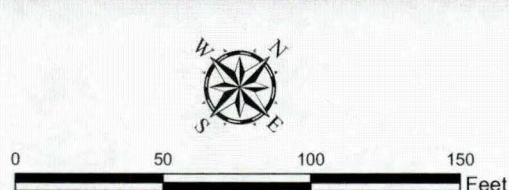
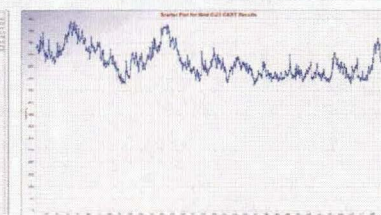
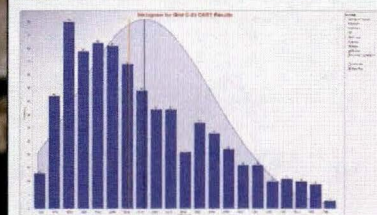
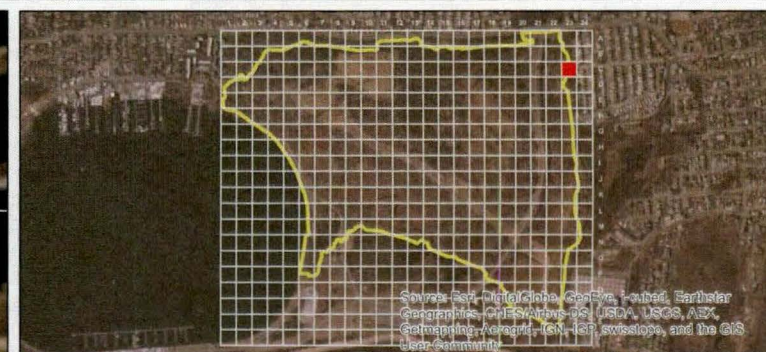
TCRA Investigation Boundary

Kriging

< 2	3 - 4
2 - 3	4 - 5
	> 5



Grid Cell C-23 Kriging		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG	Contract No: W92BU-13-C-0010	June 2014
CHECKED BY CG		



Legend

Grid Cell

TCRA Investigation Boundary

Z-Score

< 2

2 - 3

3 - 5

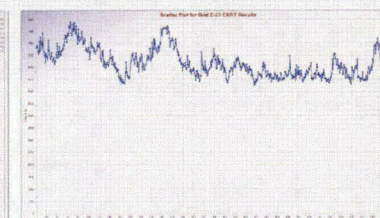
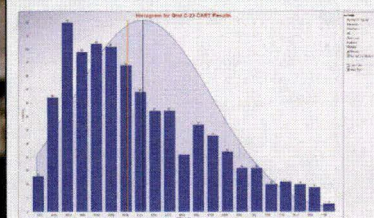
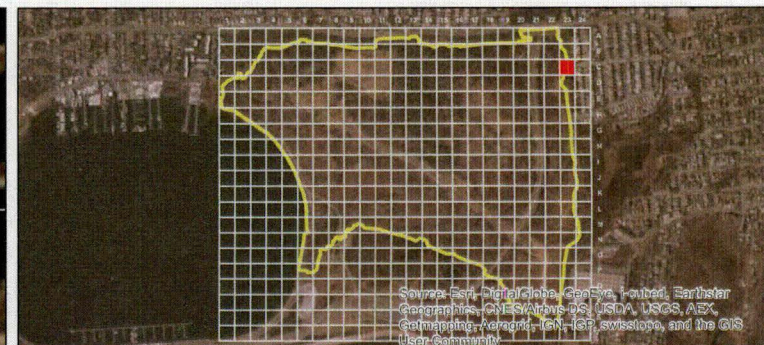
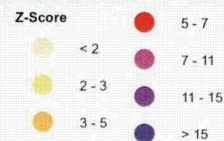
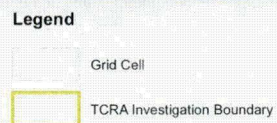
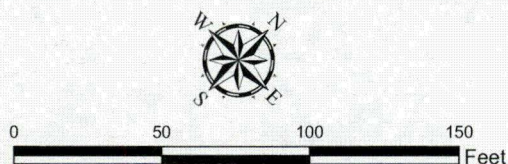
5 - 7



7 - 11

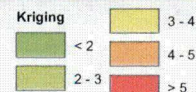
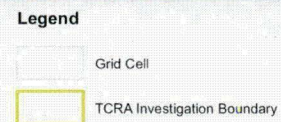
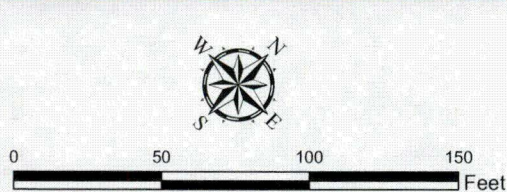
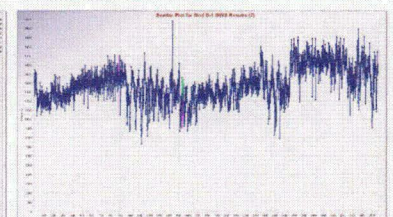
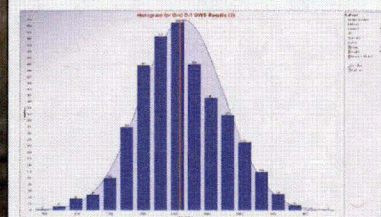
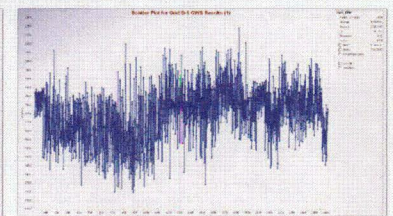
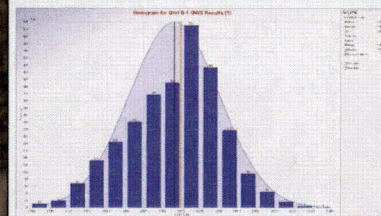
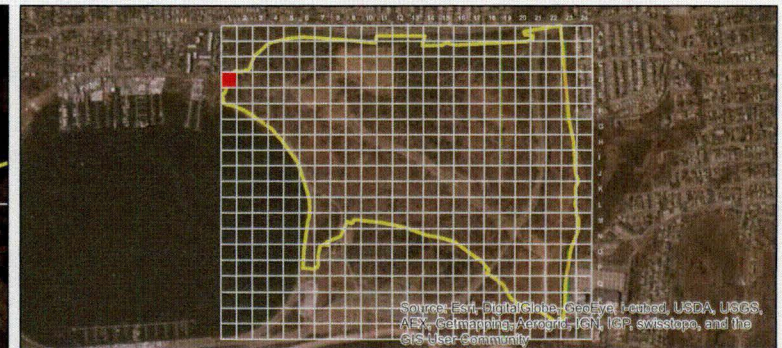
11 - 15

> 15

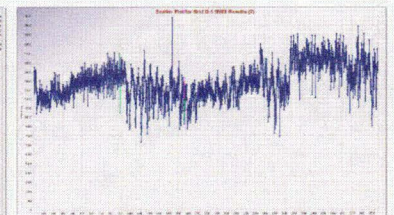
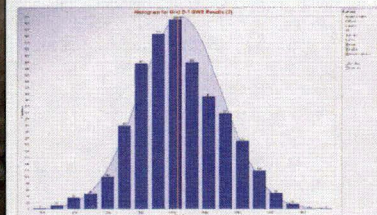
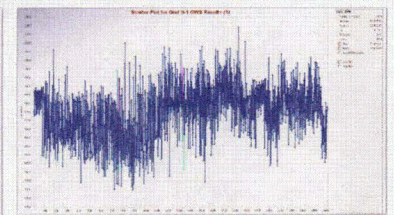
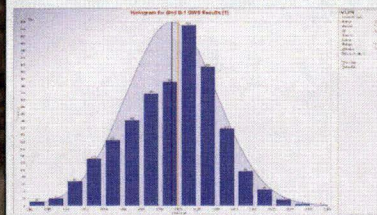
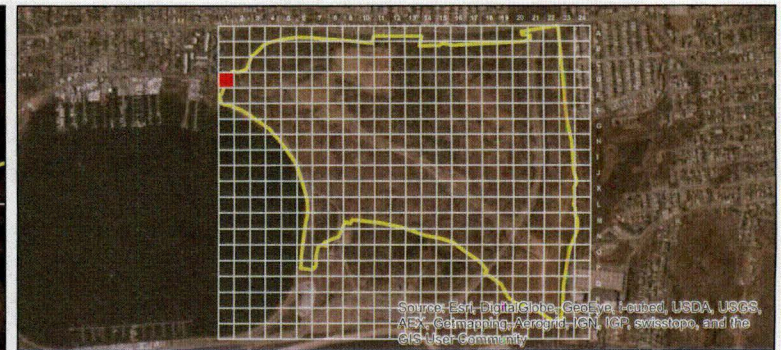
<p>Grid Cell C-23 Z-Score</p>		
DESIGNED BY JHS	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHS	Contract No: W92BU-13-C-0010	June 2014
CHECKED BY CG		



 TIDEWATER INC <small>ENGINEERS • ARCHITECTS • PROGRAM MANAGERS</small>		 U.S. Army Corps of Engineers Philadelphia District
Grid Cell C-23 Z-Score		
DESIGNED BY JHG DRAWN BY JHG CHECKED BY CG	Great Kills Park, Staten Island, NY Contract No: W92BU-13-C-0010	Figure # June 2014



Grid Cell D-1 Kriging		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	May 2014



Legend

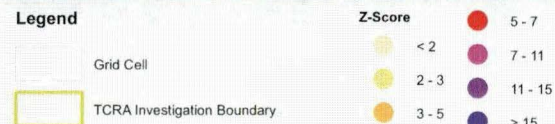
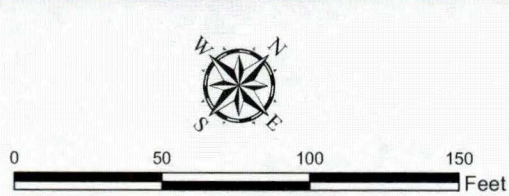
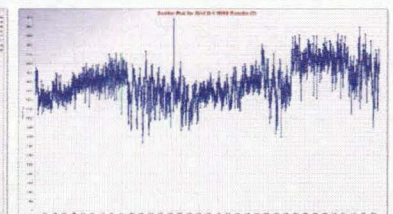
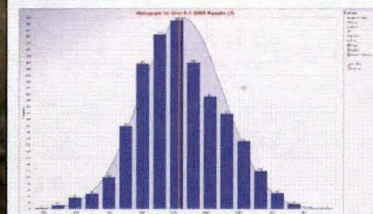
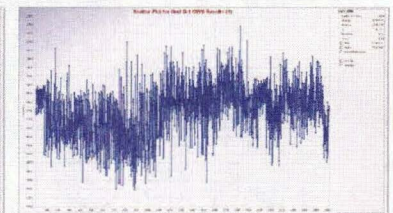
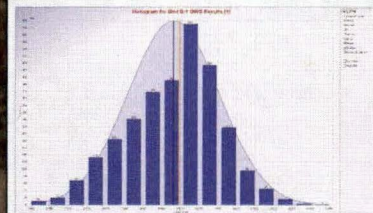
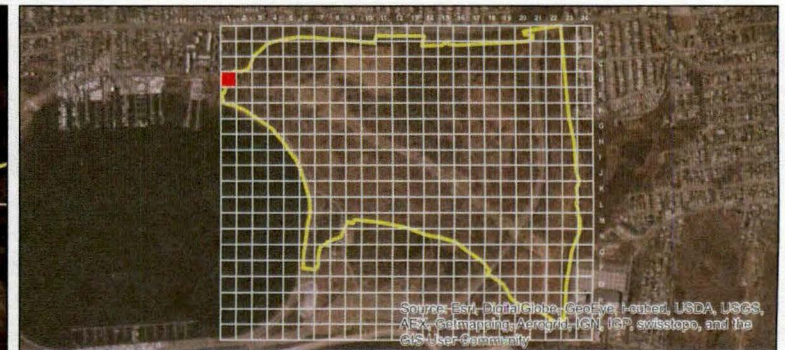
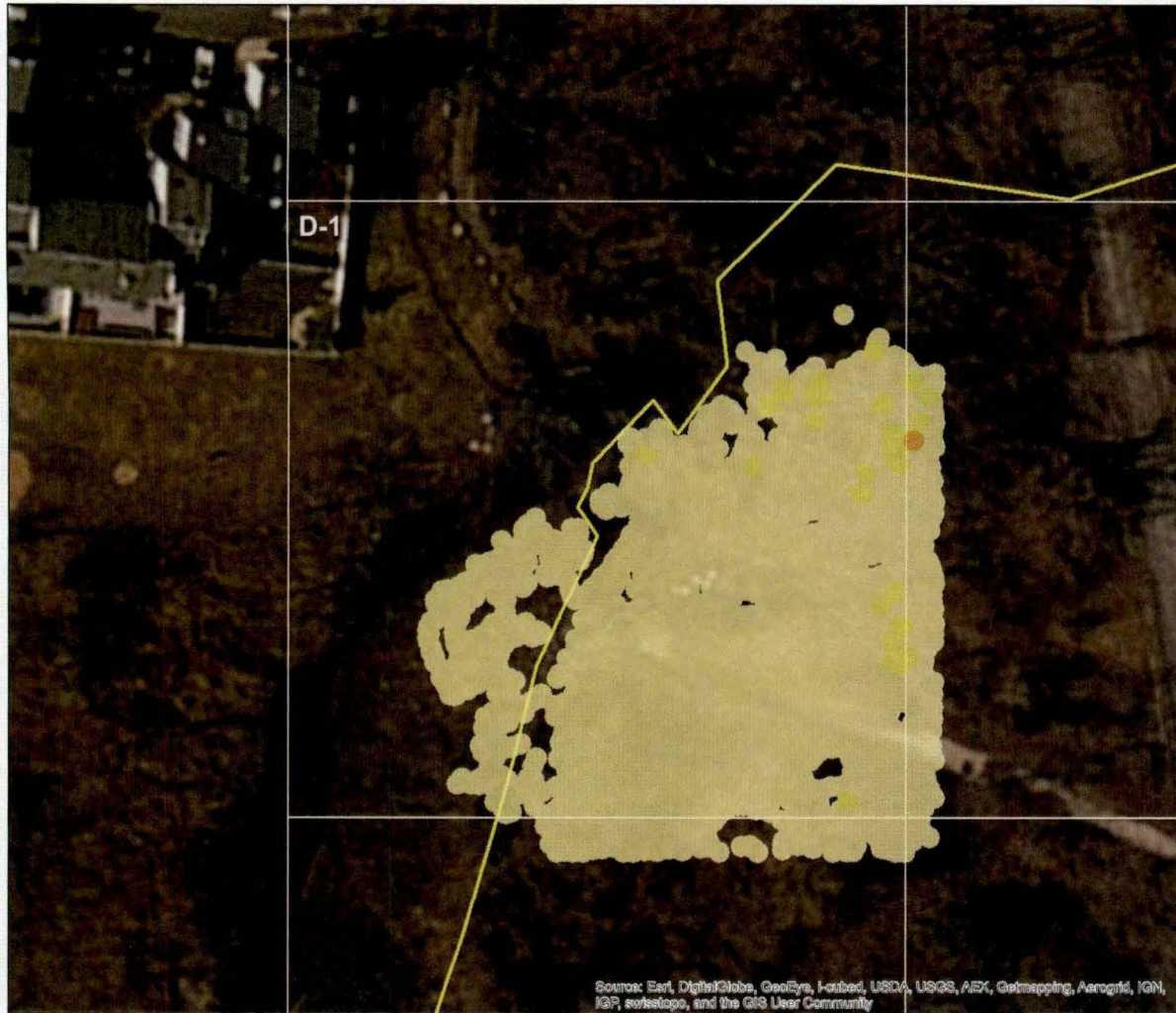
- Grid Cell
- TCRA Investigation Boundary

- Kriging**
- < 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5

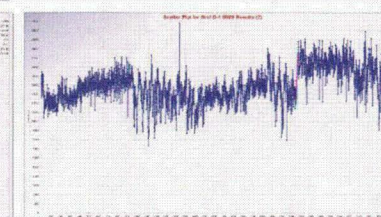
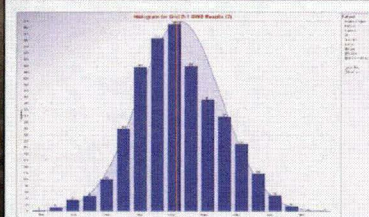
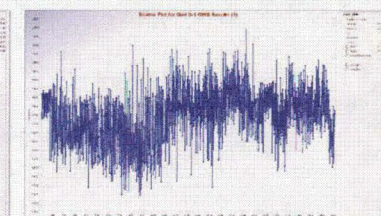
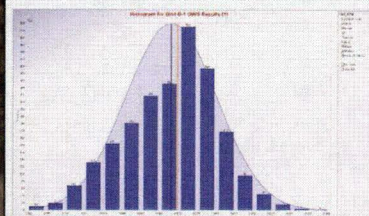
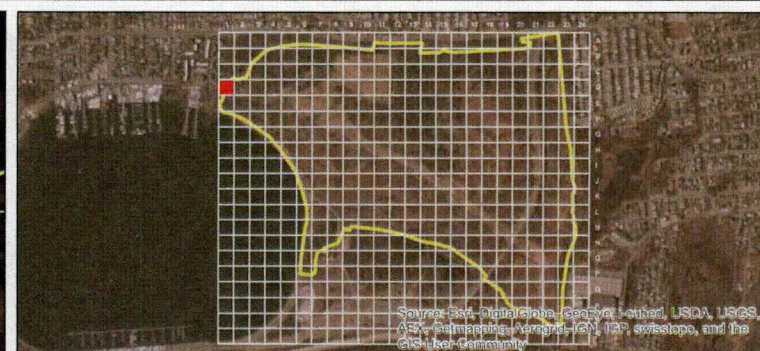
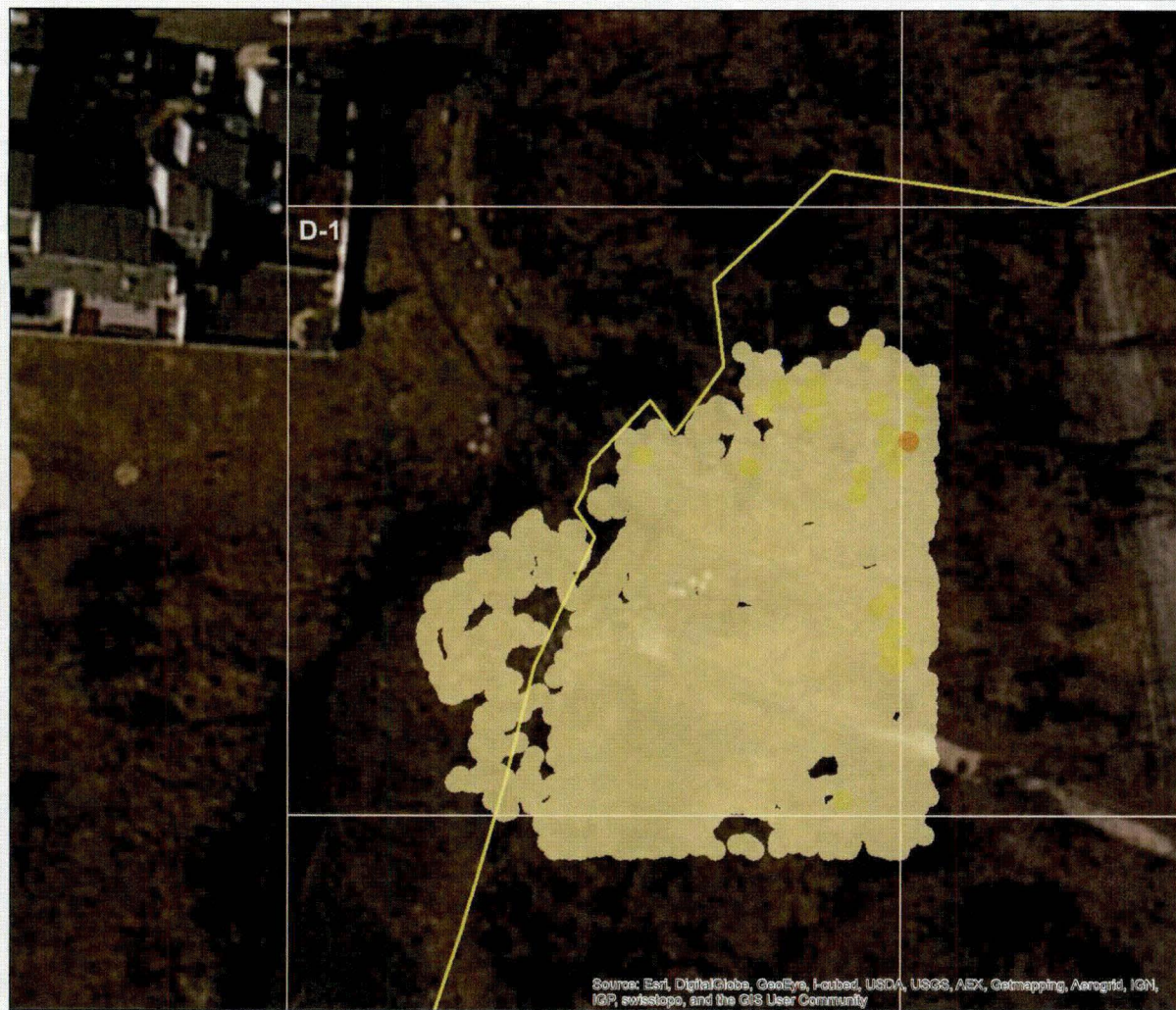


0 50 100 150 Feet

Grid Cell D-1 Kriging		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	May 2014



Grid Cell D-1 Z-Score		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	May 2014



Legend

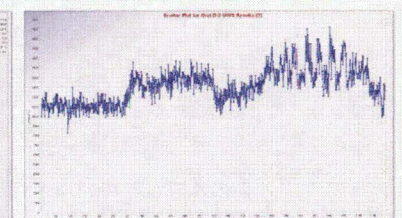
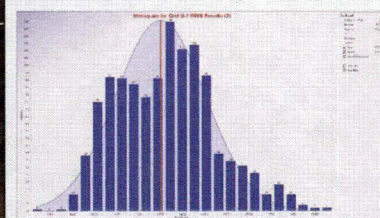
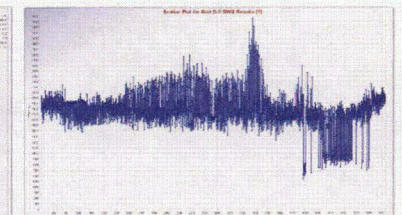
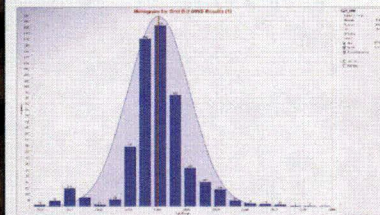
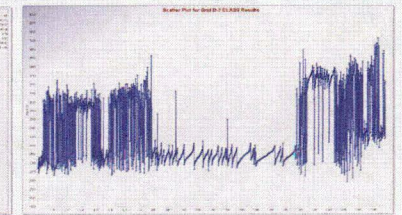
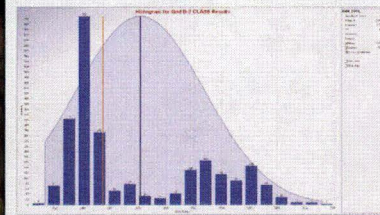
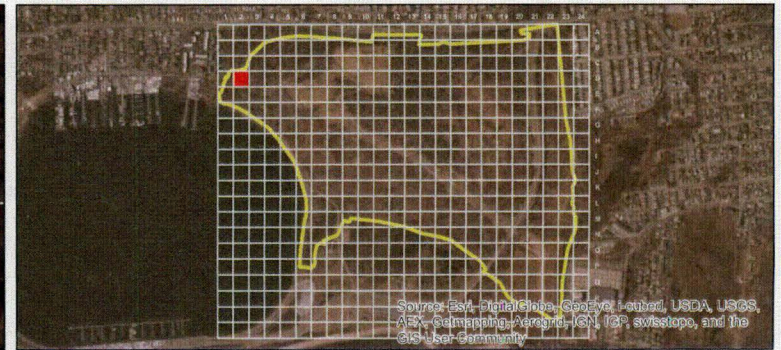
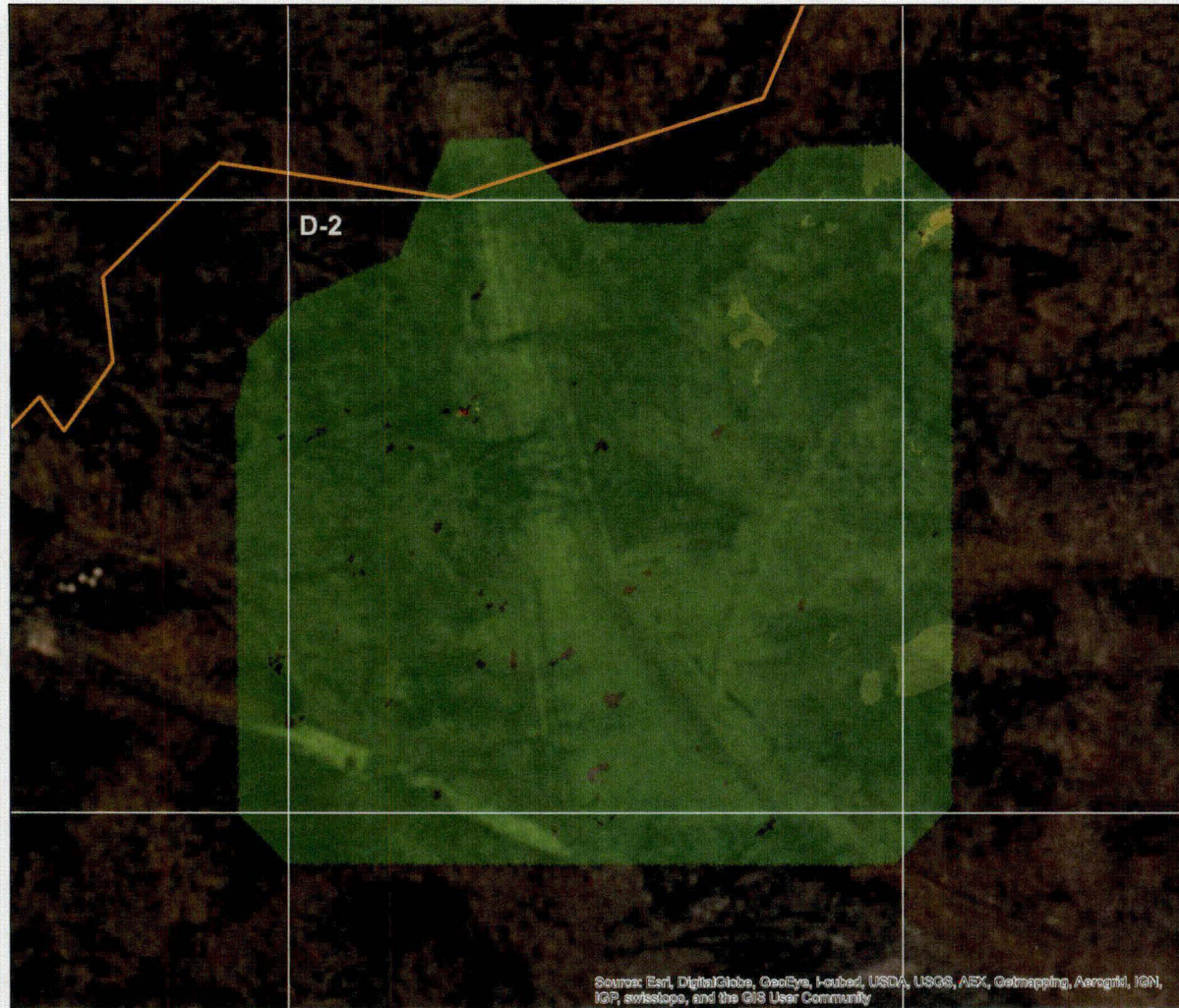
Grid Cell
TCRA Investigation Boundary

Z-Score
 < 2
 2 - 3
 3 - 5
 5 - 7
 7 - 11
 11 - 15
 > 15



0 50 100 150 Feet

Grid Cell D-1 Z-Score		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	May 2014



Legend



- TCRA Investigation Boundary
- Grid Cell

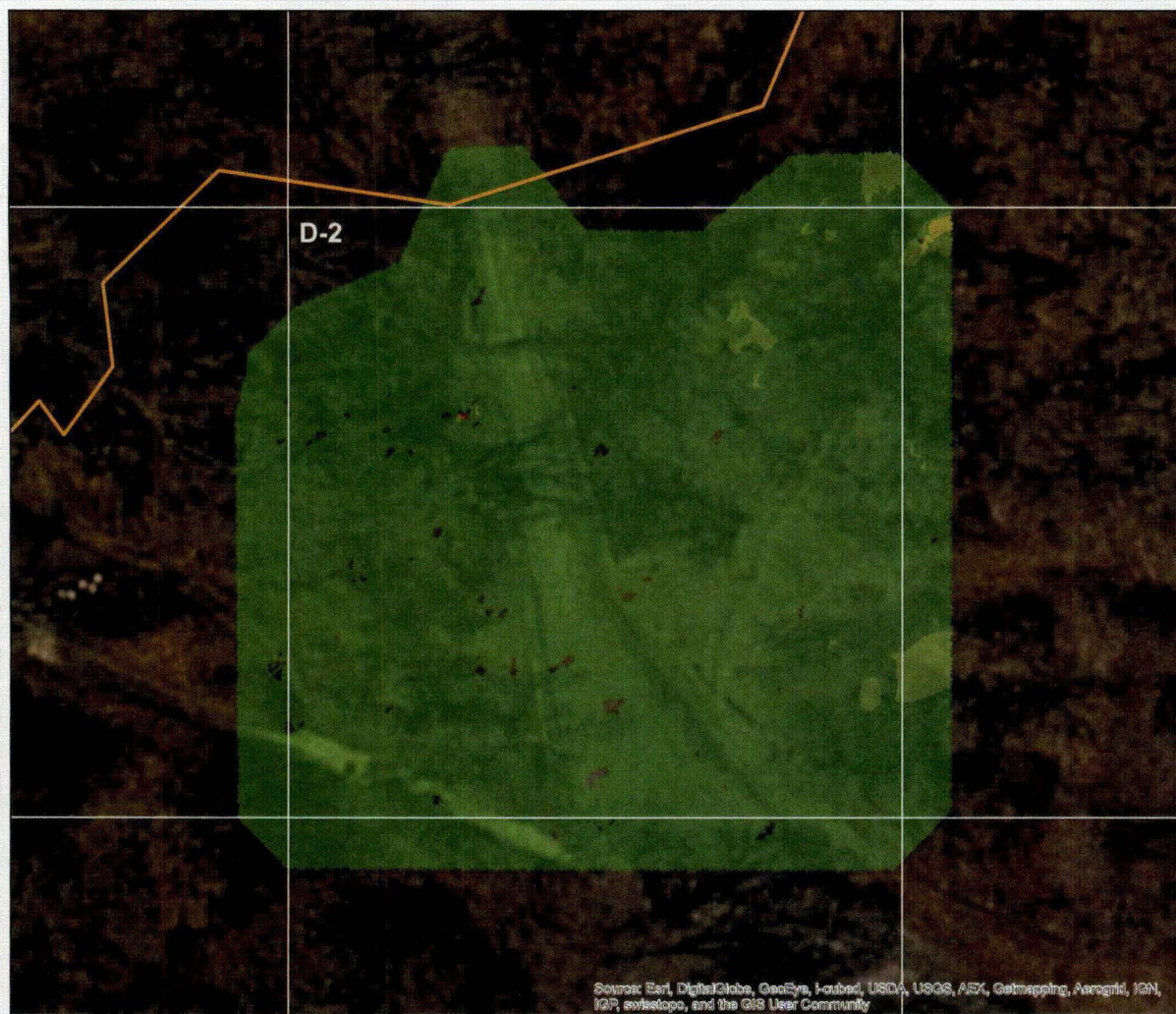
Kriging

- < 2
- 2 - 3
- 3 - 4
- 4 - 5
- > 5



0 50 100 150 Feet

 TIDEWATER INC <small>ENGINEERS • CONSULTANTS • PROGRAM MANAGERS</small>		 U.S. Army Corps of Engineers Philadelphia District
Grid Cell D-2 Kriging		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	May 2014



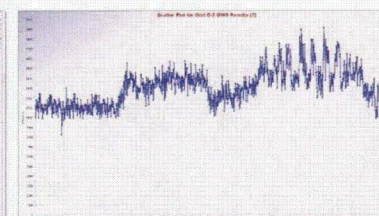
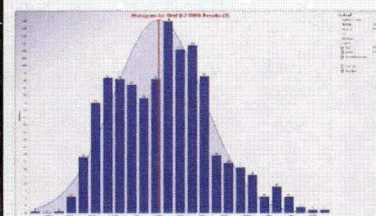
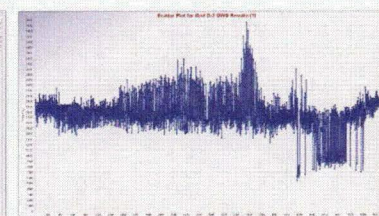
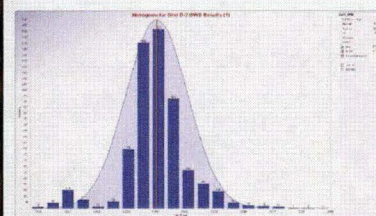
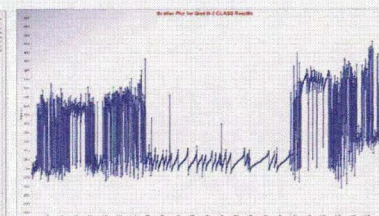
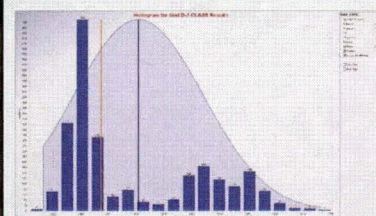
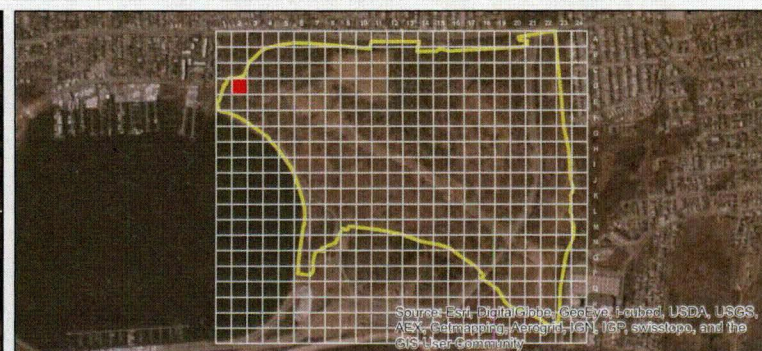
0 50 100 150 Feet

Legend

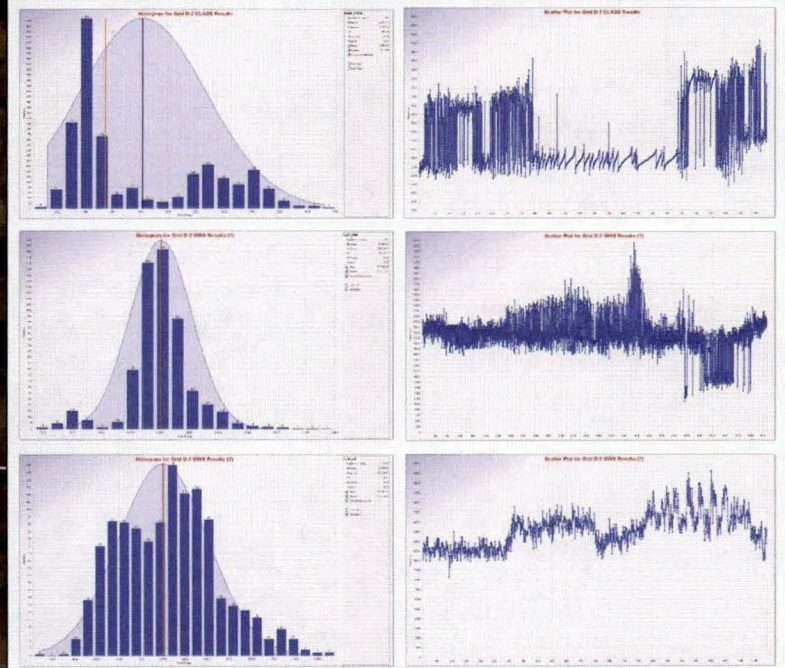
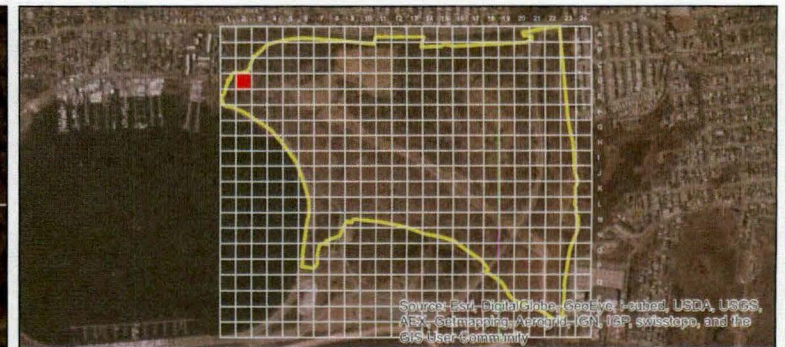
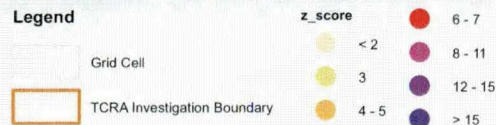
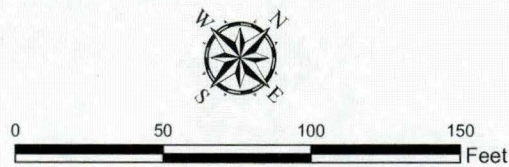
TCRA Investigation Boundary
 Grid Cell



Kriging

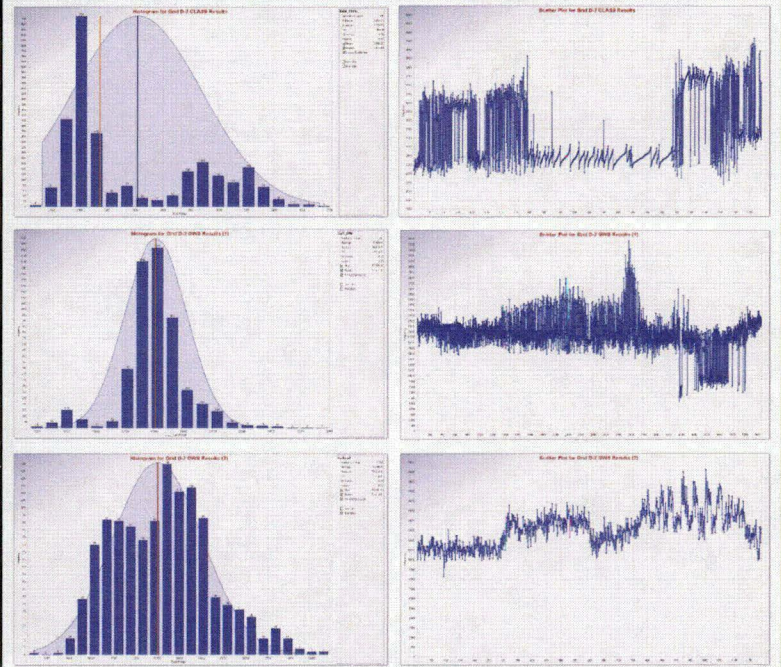
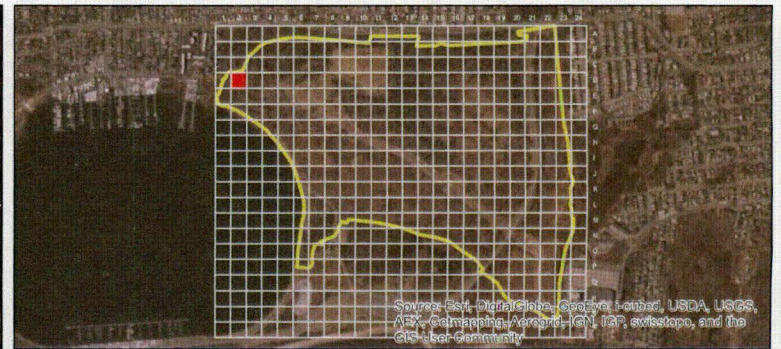
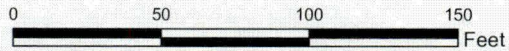
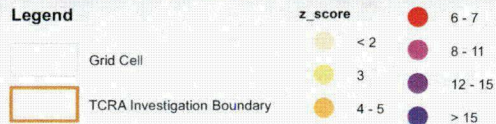
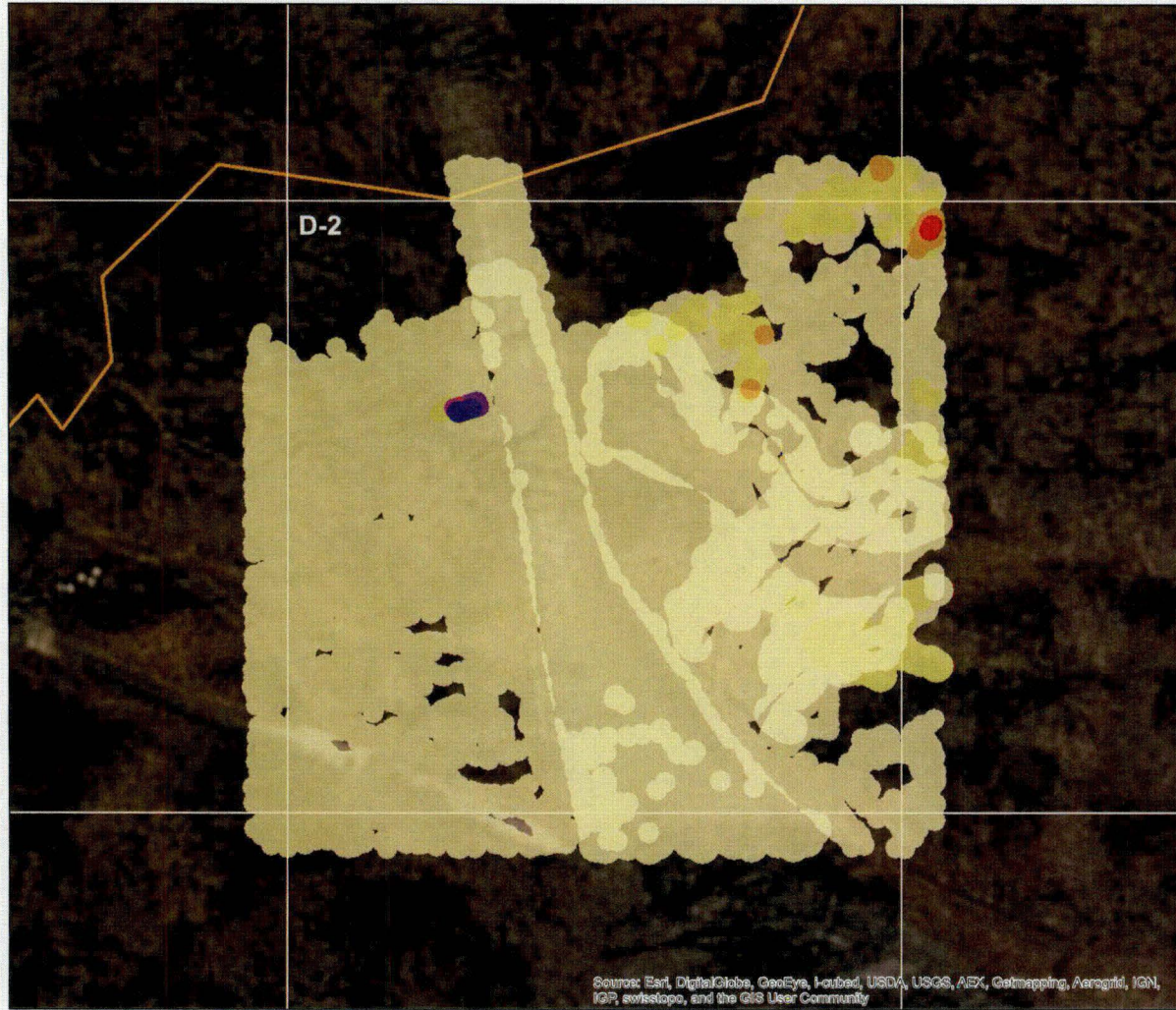
	< 2		3 - 4
	2 - 3		4 - 5
	> 5		> 5





Grid Cell D-2 Kriging		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CS	Contract No: W92BU-13-C-0010	May 2014



	TIDEWATER INC <small>ENGINEERS • ENVIRONMENTAL • PROGRAM MANAGERS</small>		U.S. Army Corps of Engineers Philadelphia District
Grid Cell D-2 Z-Score			
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #	
JHS			
DRAWN BY			
JHS			
CHECKED BY			
CG	Contract No: W92BU-13-C-0010	May 2014	



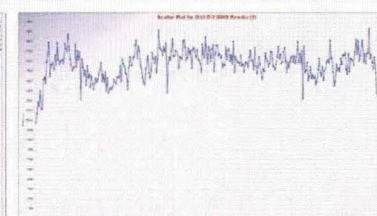
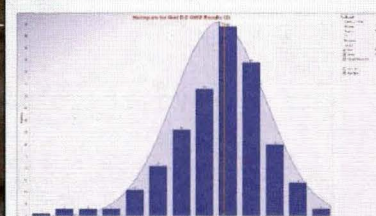
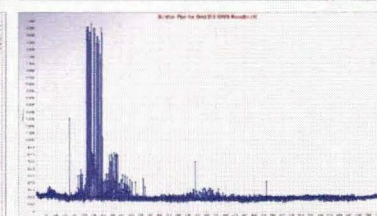
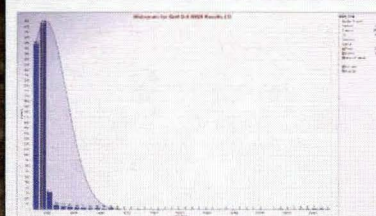
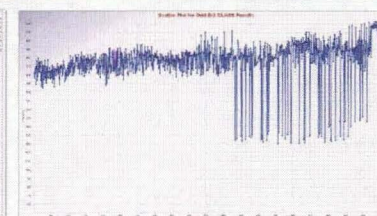
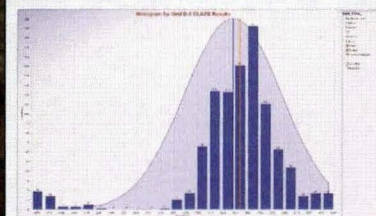
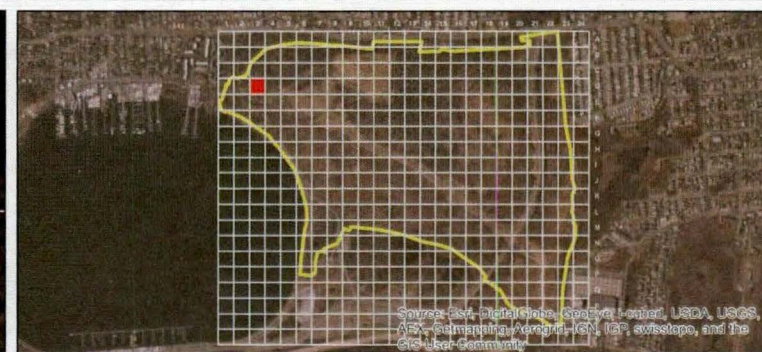
 TIDEWATER INC <small>ENGINEERS • CONSULTANTS • PROGRAM MANAGER</small>		 U.S Army Corps of Engineers Philadelphia District
<h2>Grid Cell D-2 Z-Score</h2>		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
JHG		
DRAWN BY		
JHG		
CHECKED BY		
CG	Contract No: W92BU-13-C-0010	May 2014



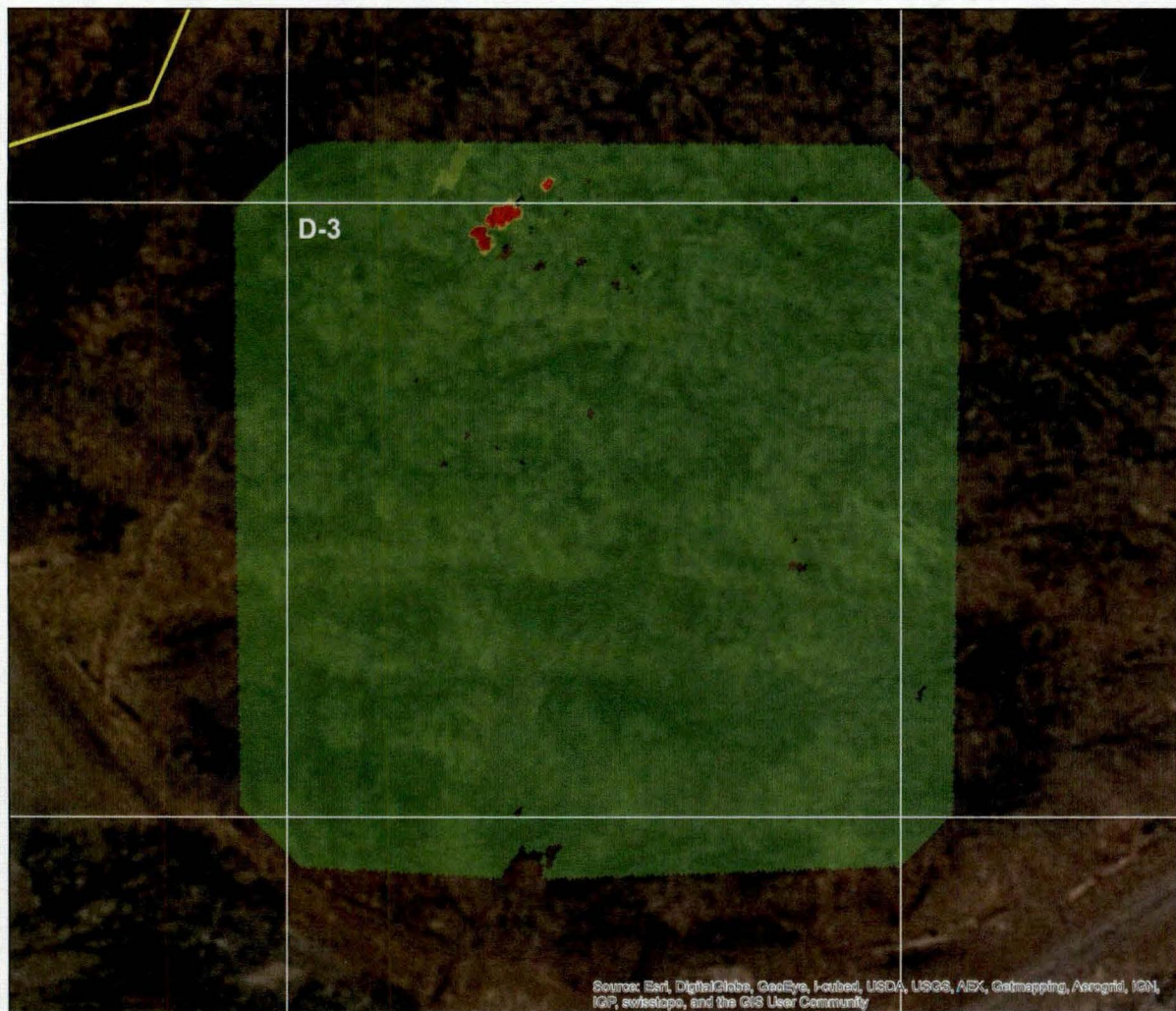
Legend

- Grid Cell
- TCRA Investigation Boundary

- | | |
|---------|-------|
| Kriging | 3 - 4 |
| < 2 | 4 - 5 |
| 2 - 3 | > 5 |



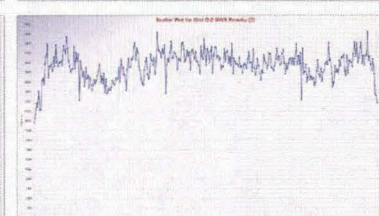
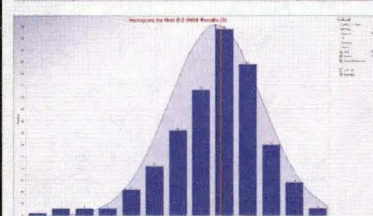
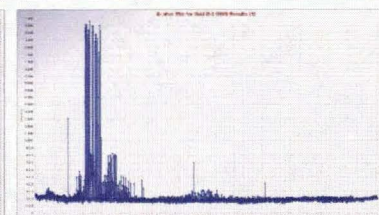
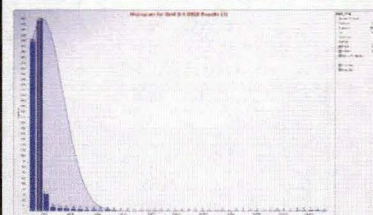
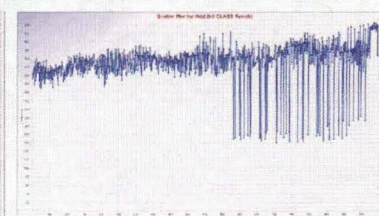
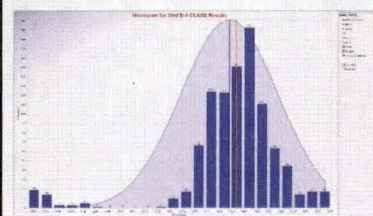
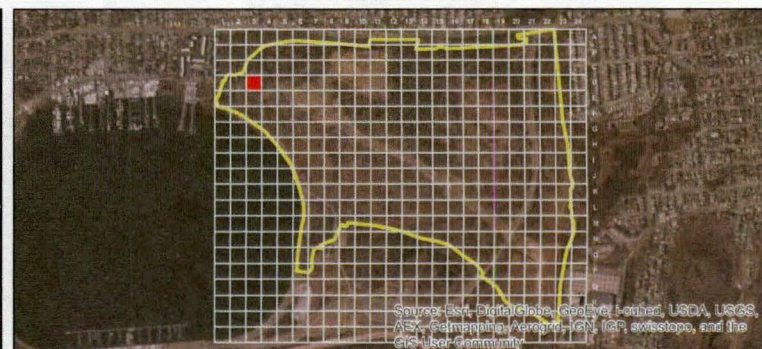
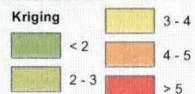
Grid Cell D-3 Kriging		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY	Contract No: W92BU-13-C-0010	May 2014
CO		



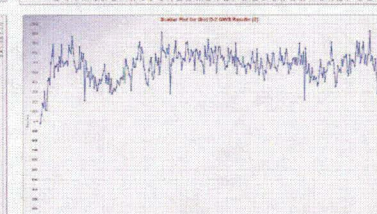
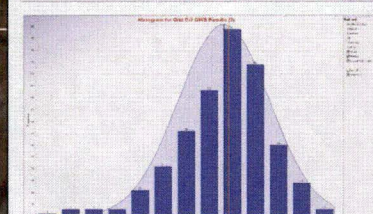
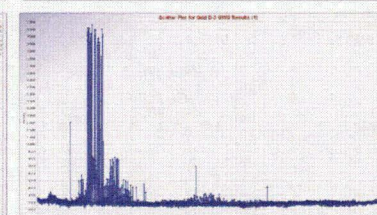
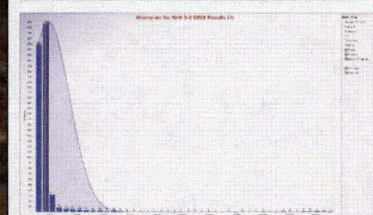
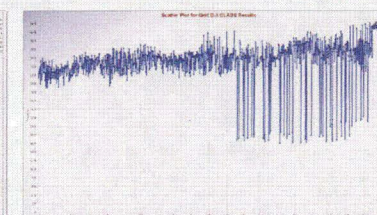
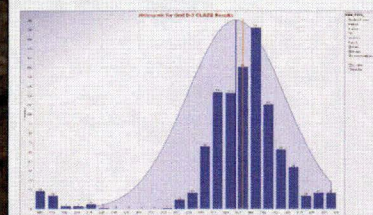
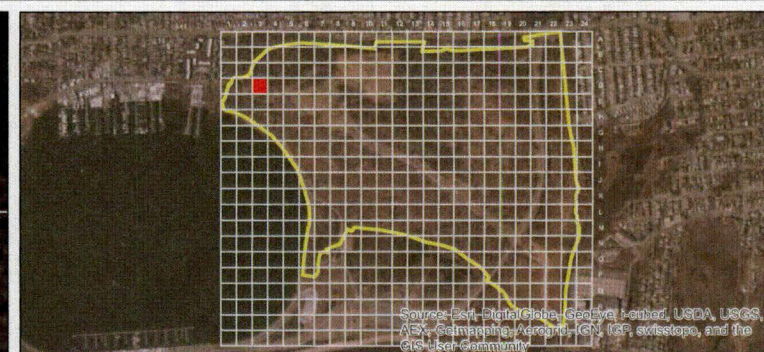
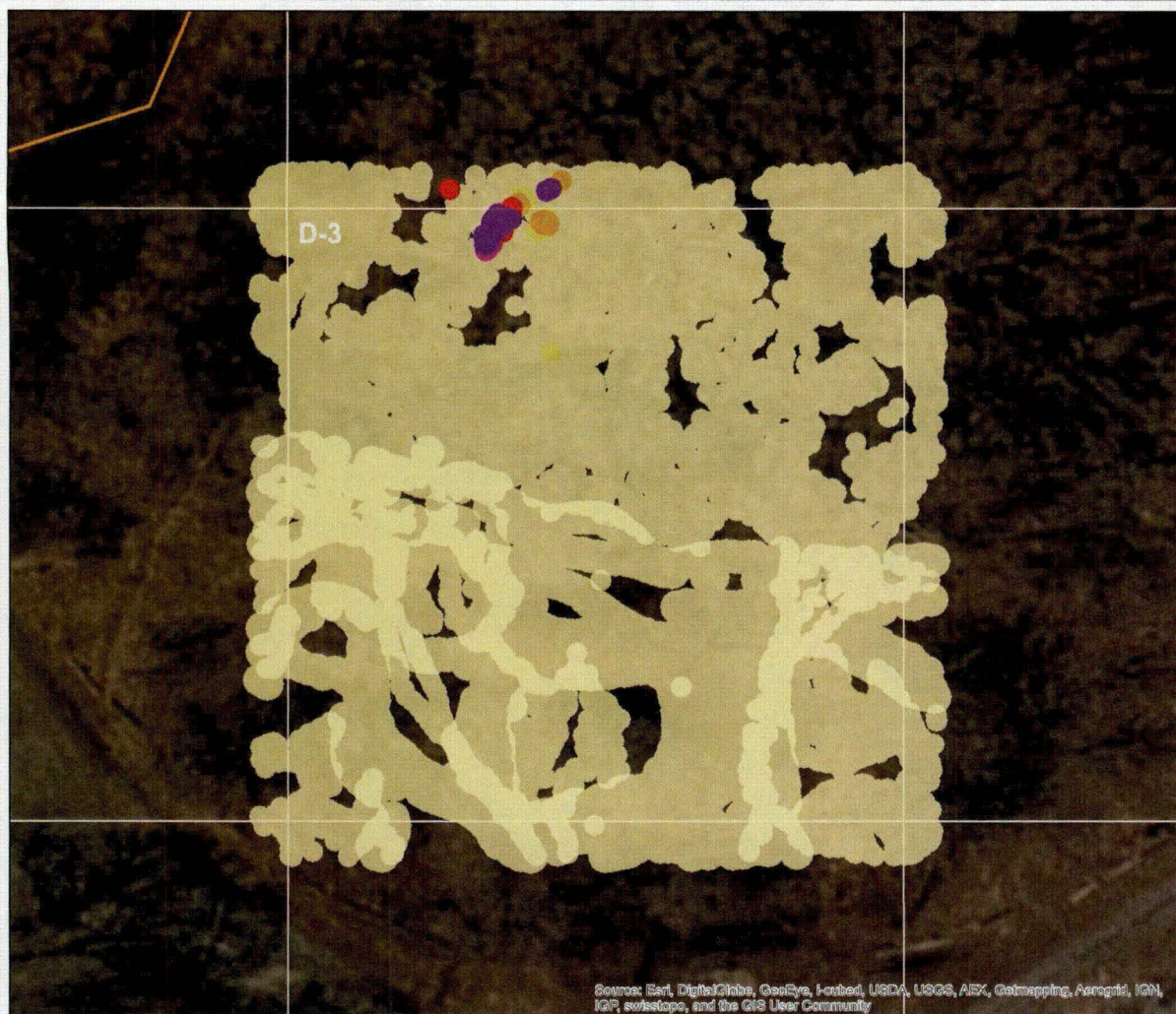
0 50 100 150 Feet

Legend

- Grid Cell
- TCRA Investigation Boundary



Grid Cell D-3 Kriging		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY	Contract No: W92BU-13-C-0010	May 2014





Legend

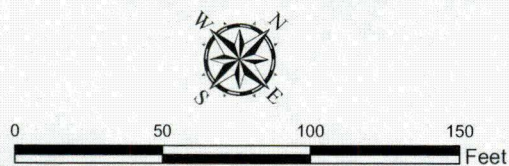
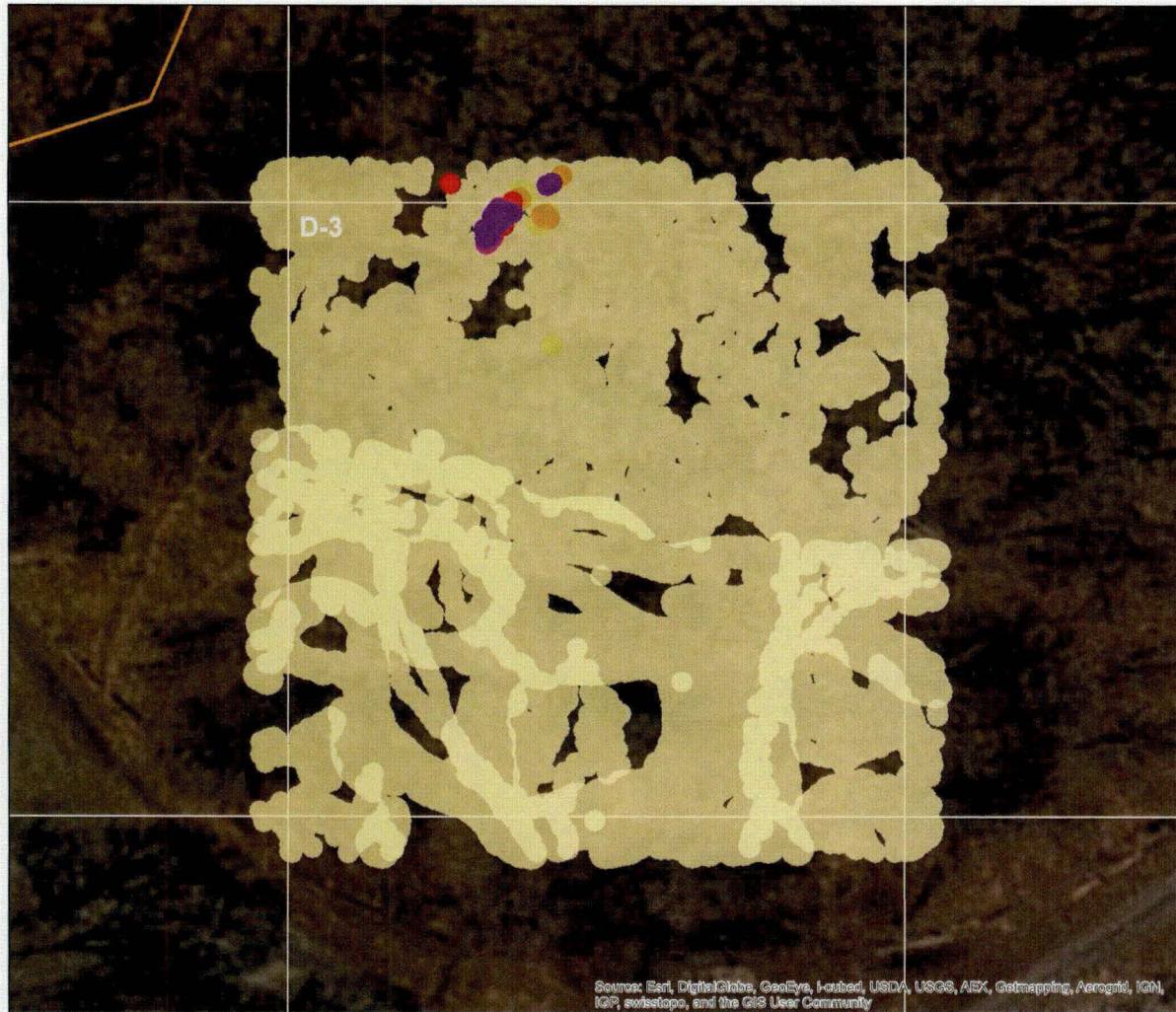
- Grid Cell
- TCRA Investigation Boundary

- Z-Score
- < 2
 - 2 - 3
 - 3 - 5
 - 5 - 7
 - 7 - 11
 - 11 - 15
 - > 15



0 50 100 150 Feet

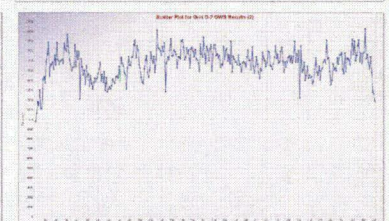
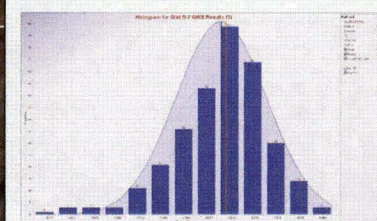
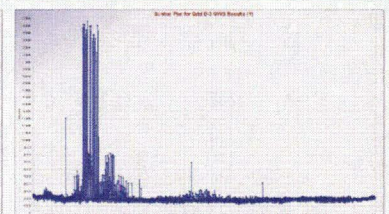
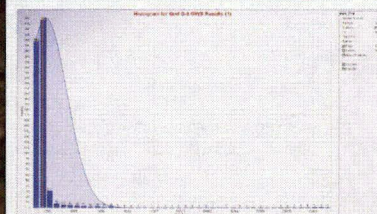
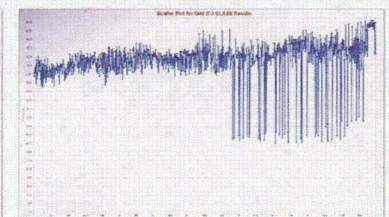
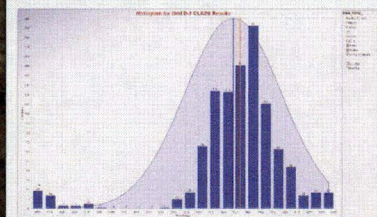
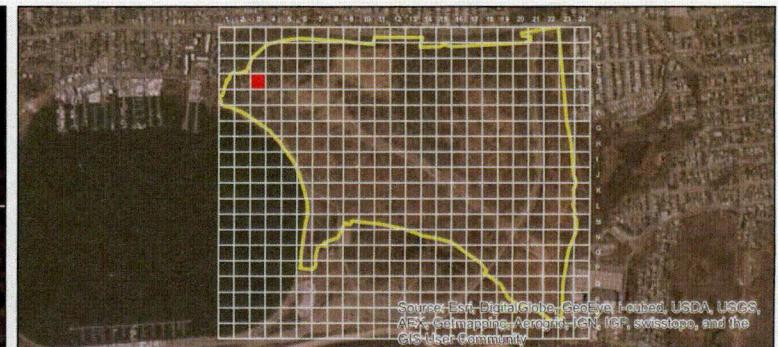
			U.S Army Corps of Engineers Philadelphia District
TIDEWATER INC <small>ENGINEERS • SCIENTISTS • PROGRAM MANAGERS</small>			
Grid Cell D-3 Z-Score			
DESIGNED BY JHG	Great Kills Park, Staten Island, NY		Figure #
DRAWN BY JHG			
CHECKED BY CG			
Contract No: W92BU-13-C-0010		May 2014	



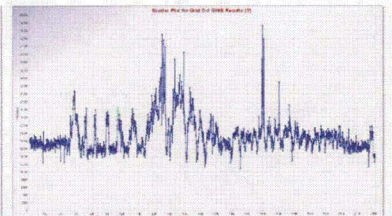
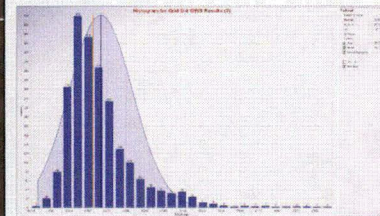
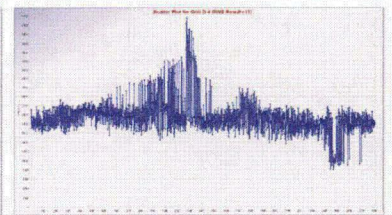
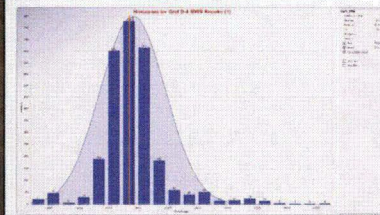
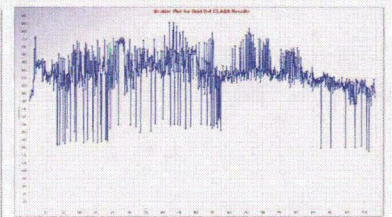
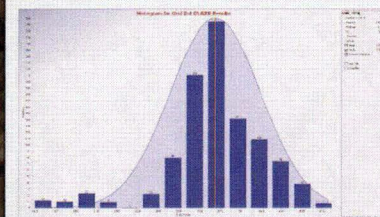
Legend

- Grid Cell
- TCRA Investigation Boundary

- Z-Score**
- < 2
 - 2 - 3
 - 3 - 5
 - 5 - 7
 - 7 - 11
 - 11 - 15
 - > 15



<p align="center">Grid Cell D-3 Z-Score</p>		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY		
CG		
Contract No:		May 2014
W92BU-13-C-0010		



Legend

Grid Cell

TCRA Investigation Boundary

Kriging

< 2

2 - 3



3 - 4

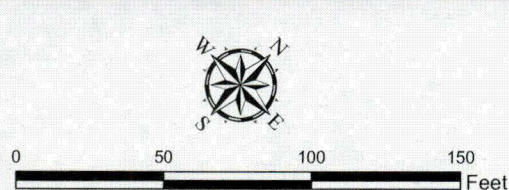
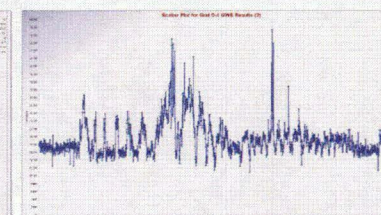
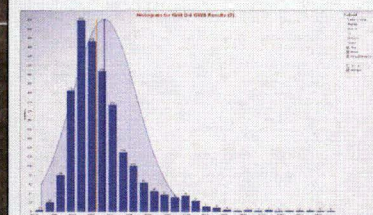
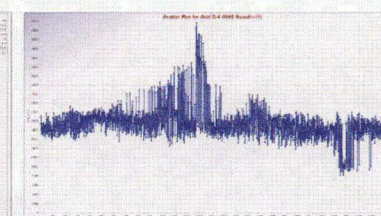
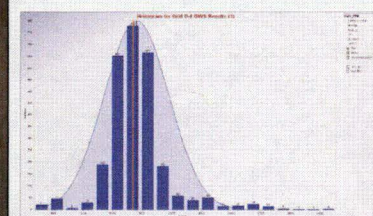
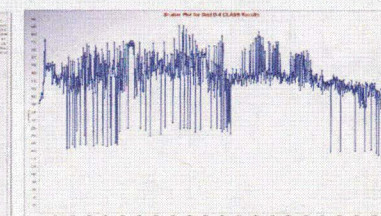
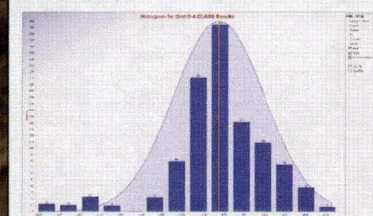
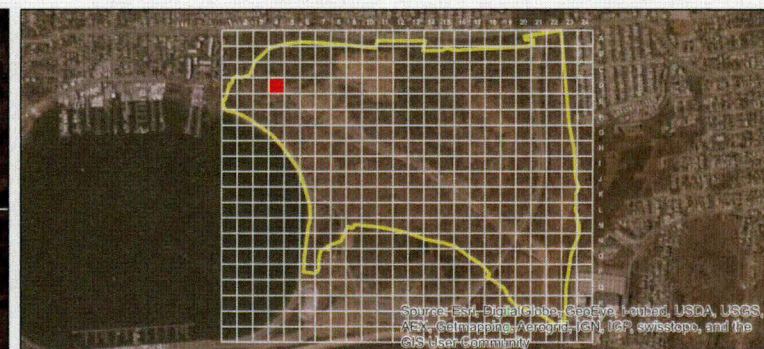
4 - 5

> 5



0 50 100 150 Feet

 TIDEWATER INC <small>ENGINEERS • CONSULTANTS • PROGRAM MANAGERS</small>		 U.S. Army Corps of Engineers Philadelphia District
Grid Cell D-4 Kriging		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	May 2014



Legend

Grid Cell

TCRA Investigation Boundary

Kriging

< 2

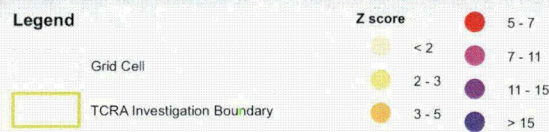
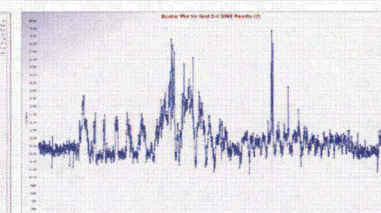
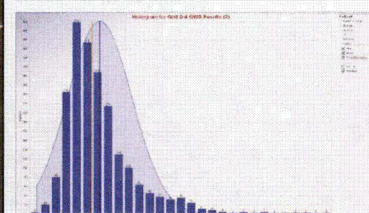
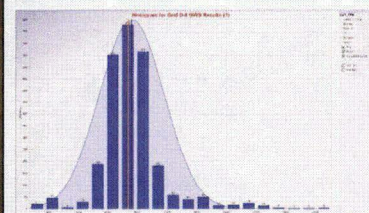
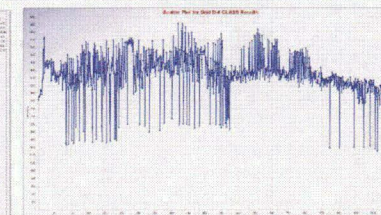
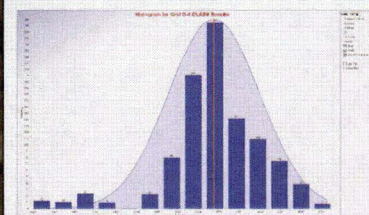
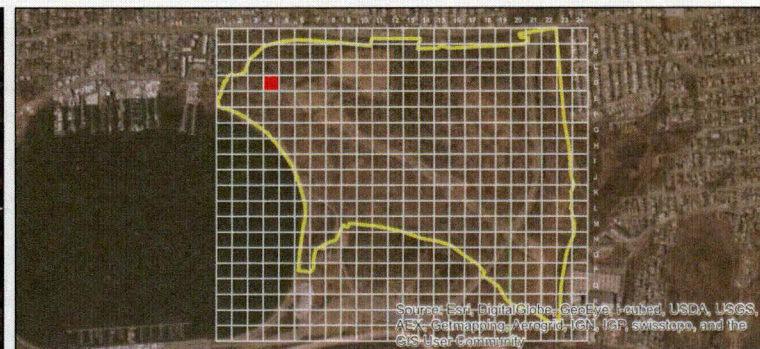
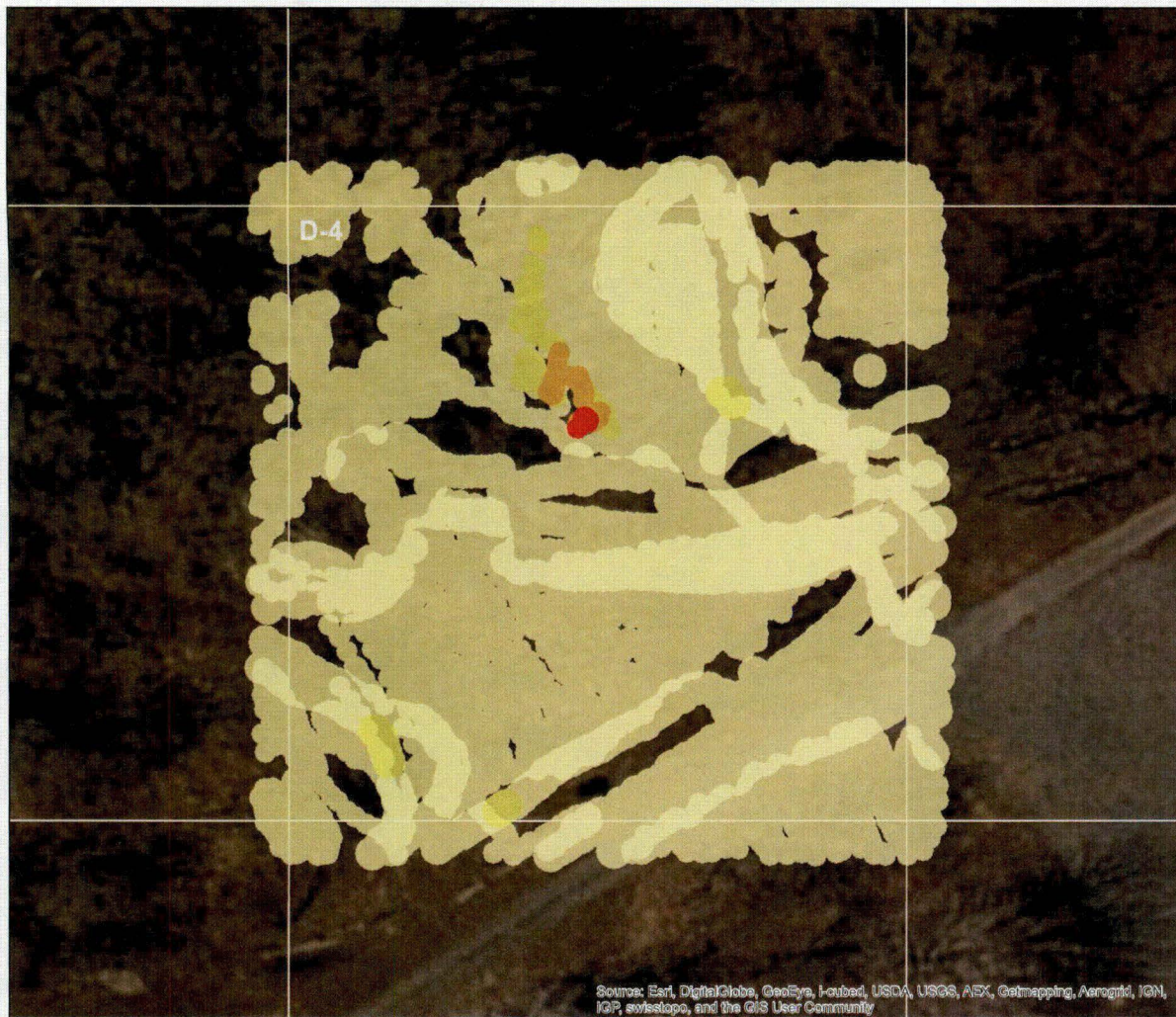
2 - 3

3 - 4

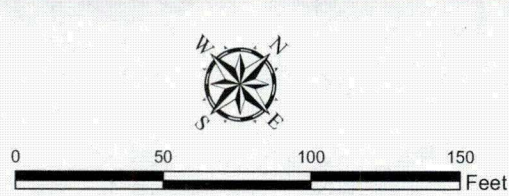
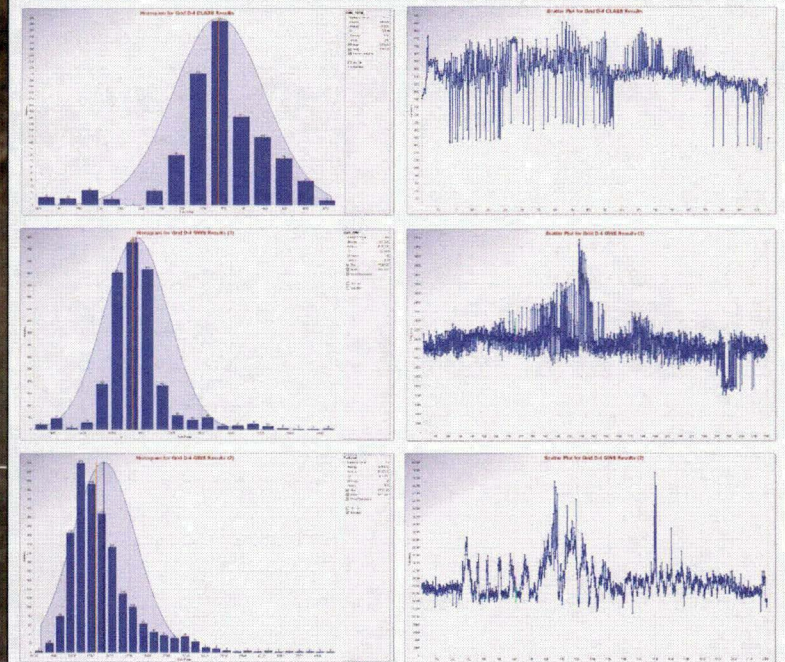
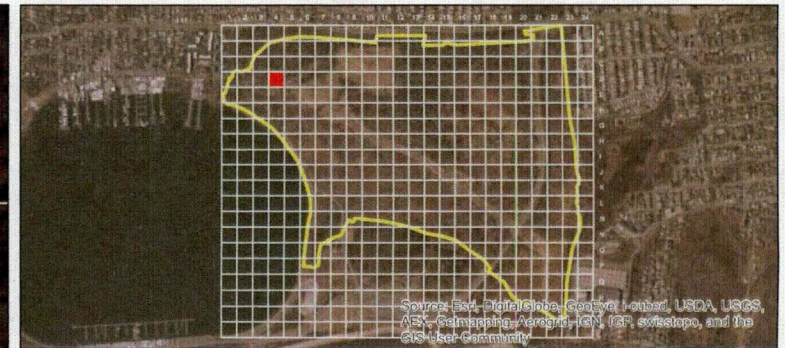
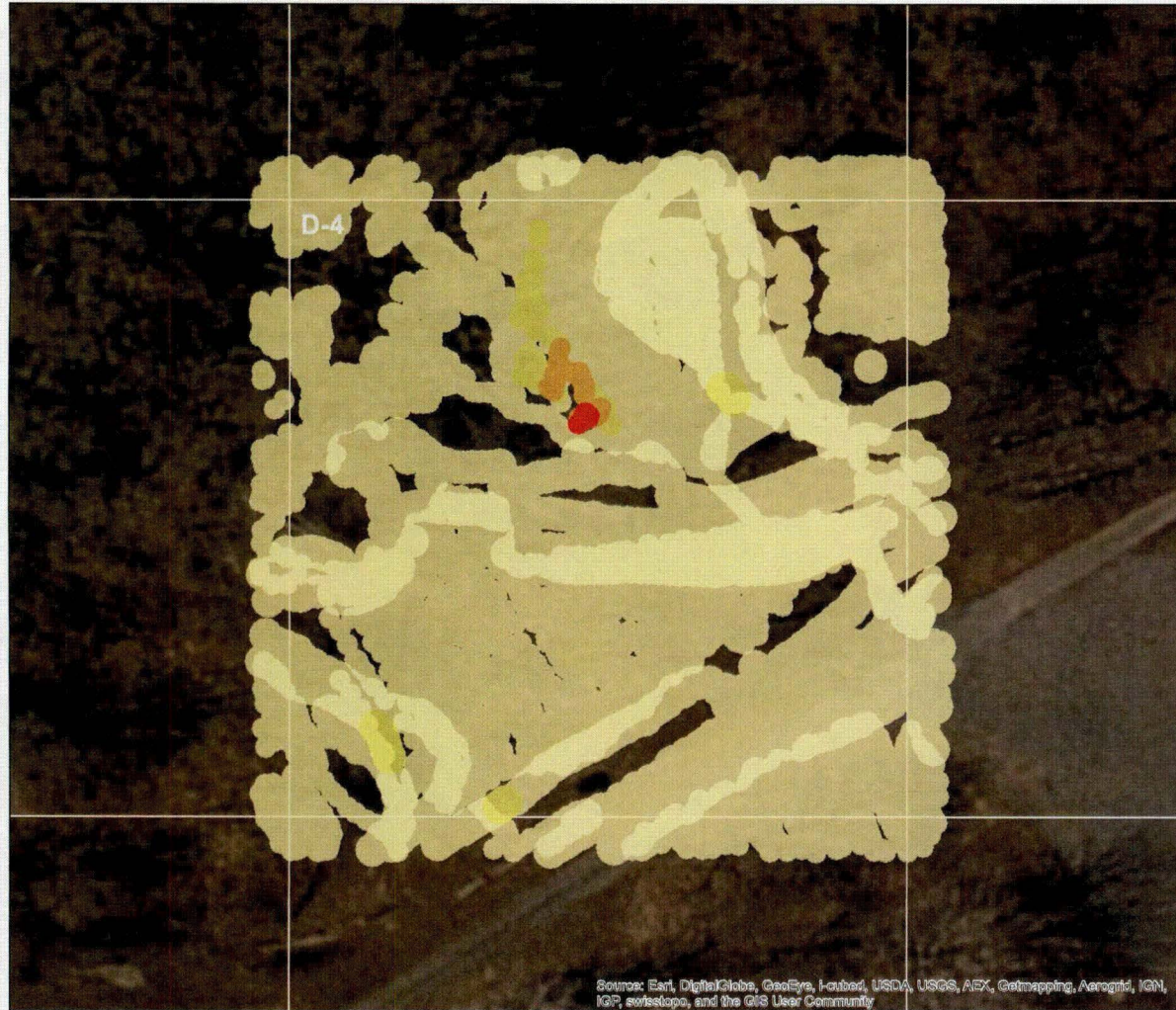
4 - 5

> 5

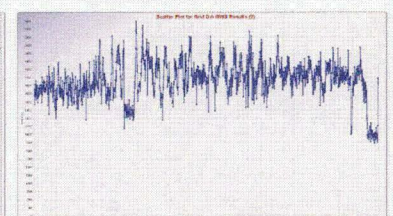
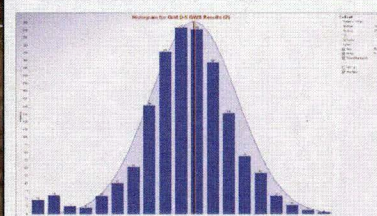
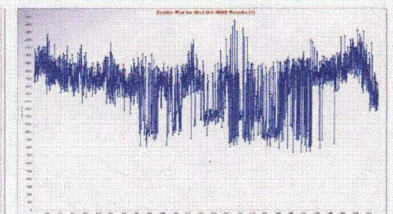
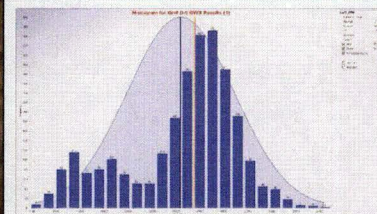
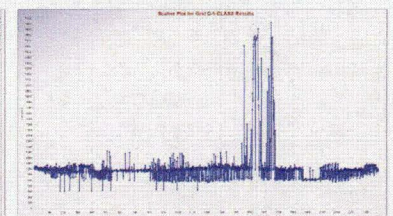
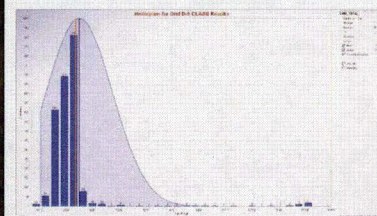
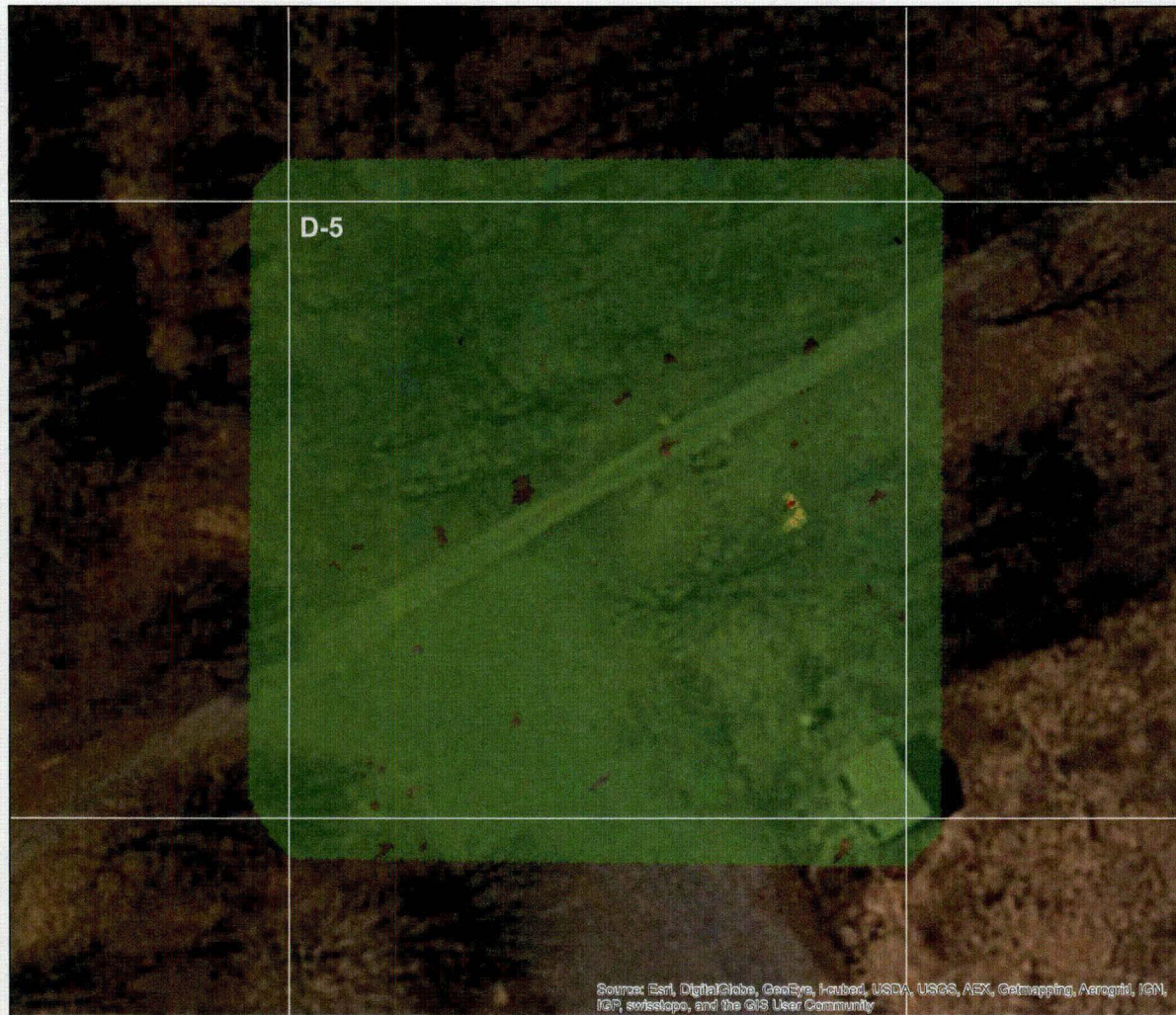
Grid Cell D-4 Kriging		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY		
CG		
Contract No: W92BU-13-C-0010		May 2014





<p>Grid Cell D-4 Z-Score</p>		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CG	Contract No: W92BU-13-C-0010	May 2014



Grid Cell D-4 Z-Score		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG		
CHECKED BY CS	Contract No: W92BU-13-C-0010	May 2014





Legend

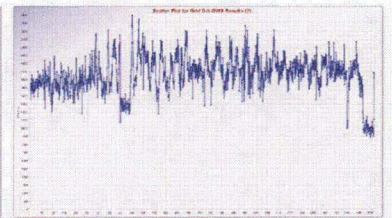
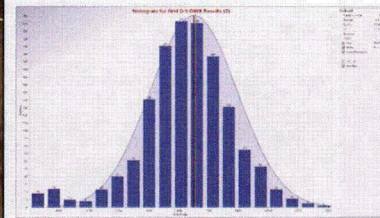
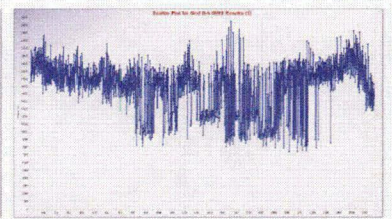
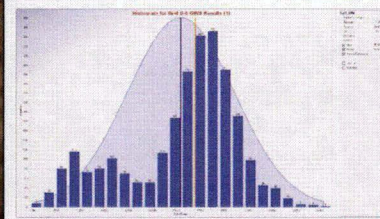
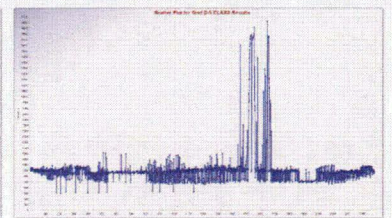
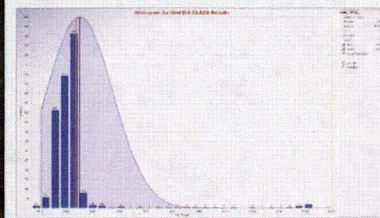
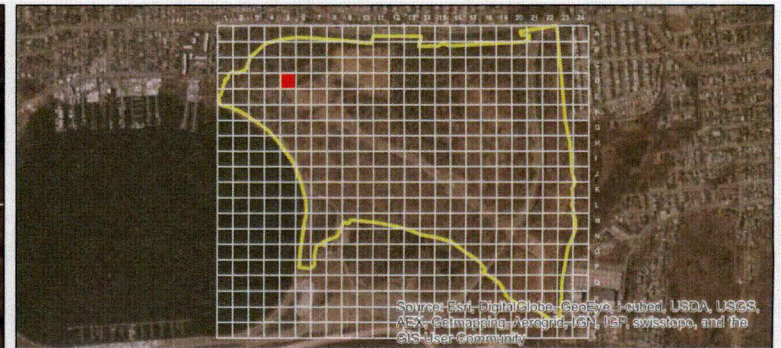
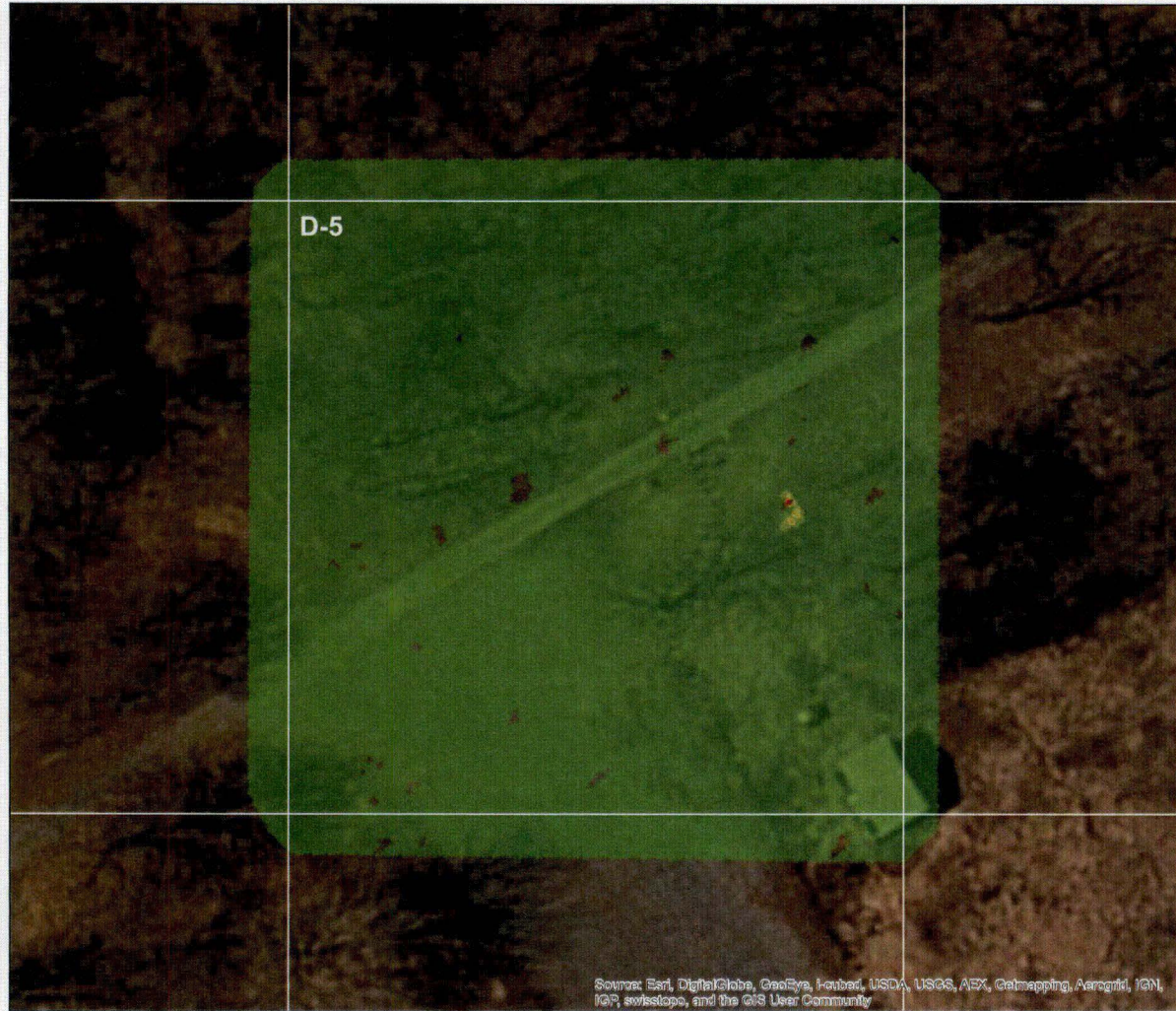
-  Grid Cell
-  TCRA Investigation Boundary

- Kriging**
-  < 2
 -  2 - 3
 -  3 - 4
 -  4 - 5
 -  > 5



0 50 100 150 Feet

	TIDEWATER INC ENGINEERING / CONSTRUCTION / PROGRAM DEVELOPMENT		U.S. Army Corps of Engineers Philadelphia District
Grid Cell D-5 Kriging			
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #	
DRAWN BY JHG			
CHECKED BY CS	Contract No: W92BU-13-C-0010	May 2014	



Legend

Grid Cell

TCRA Investigation Boundary

Kriging

< 2

2 - 3

3 - 4

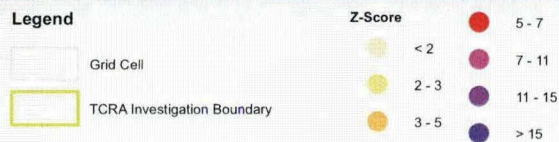
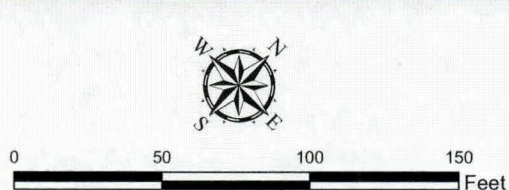
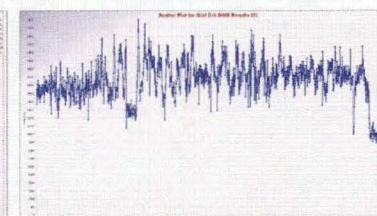
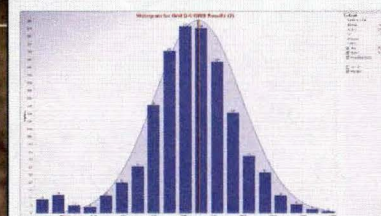
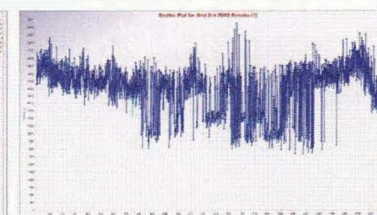
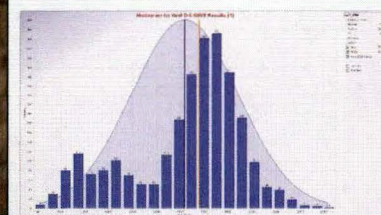
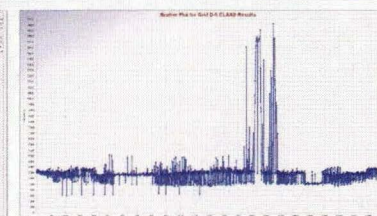
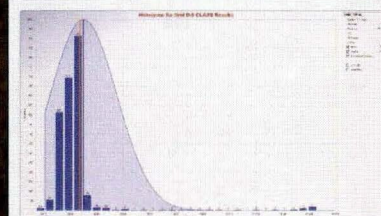
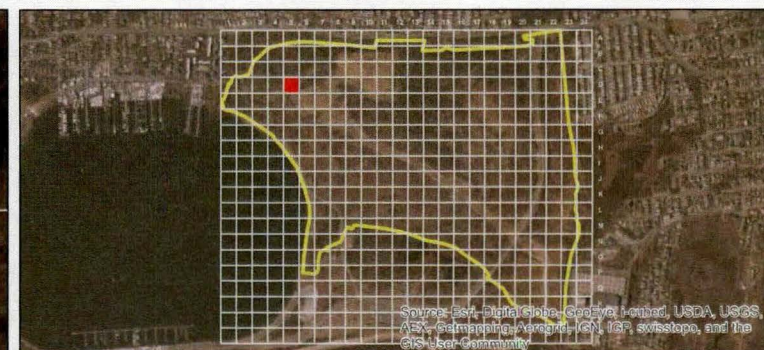
4 - 5

> 5



0 50 100 150 Feet

 		
Grid Cell D-5 Kriging		
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY JHG	Contract No: W92BU-13-C-0010	May 2014
CHECKED BY CG		



Grid Cell D-5 Z-Score		
DESIGNED BY	Great Kills Park, Staten Island, NY	Figure #
DRAWN BY		
CHECKED BY	Contract No: W92BU-13-C-0010	May 2014
CG		



Legend

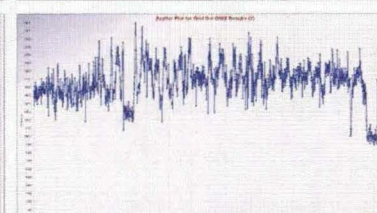
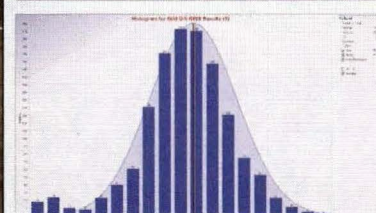
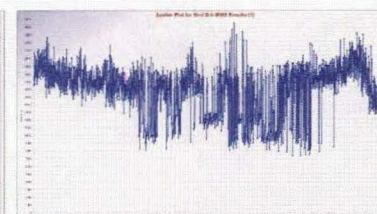
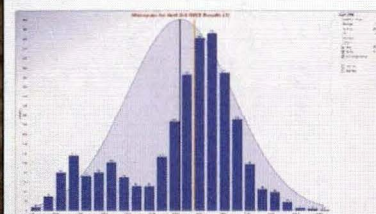
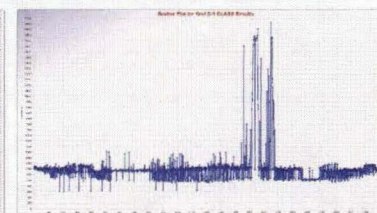
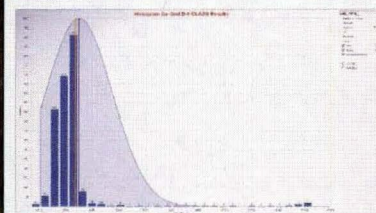
- Grid Cell
- TCRA Investigation Boundary



Z-Score

- < 2
- 2 - 3
- 3 - 5
- 5 - 7
- 7 - 11
- 11 - 15
- > 15



0 50 100 150 Feet



	TIDEWATER INC <small>ENGINEERS • ARCHITECTS • PROGRAM MANAGERS</small>		U.S Army Corps of Engineers Philadelphia District
Grid Cell D-5 Z-Score			
DESIGNED BY JHG	Great Kills Park, Staten Island, NY	Figure #	
DRAWN BY JHG			
CHECKED BY CG		Contract No: W92BU-13-C-0010	
		May 2014	