October 28, 2004

Spill No. 0402334
Wright-Malta Site
Malta Test Road
Building 18H
Towns of Malta and Stillwater
Saratoga County, New York

→Located @ 546022

Prepared for:

SARATOGA ECONOMIC DEVELOPMENT CORPORATION
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Prepared by:

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C.T. Male Project No: 02.8049

SPILL NO. 0402334
WRIGHT-MALTA SITE
BUILDING 18H

TABLE OF CONTENTS

APPENDICES

1.0 INTRODUCTION

During the completion of a Phase II Environmental Site Assessment (ESA) conducted at the Wright-Malta Site, which is located in the Towns of Malta and Stillwater, Saratoga County, New York, contamination was identified at the site in the vicinity of a 550 gallon fuel oil tank at Building 18H.

This report summarizes the investigation activities which took place at Building 18H.

A systematic completion of investigative tasks was conducted at Building 18H including the completion of a ground penetrating radar (GPR) survey, the advancement of soil borings and the installation of a groundwater monitoring well, the field screening of recovered soil samples and the collection of select soil samples and a groundwater sample for detailed laboratory analysis.

2.0 SITE DESCRIPTION

2.1 Site Location and Building Description

The subject site is located at 10 and 40 Malta Test Road (i.e., Hermes Road) in the Towns of Malta and Stillwater, Saratoga County, New York. The subject site was identified on the Town of Malta tax maps as being within the parcels with section 230, block 1 and lots 14.2 and 14.12 and the Town of Stillwater tax maps as being within the parcels with section 241, block 1 and lots 1.1 and 1.2. A site location map is included in Appendix A as Figure 1. A map showing the site property boundaries is included in Appendix A as Figure 2.

Building 18H is located on the south central portion of the Wright-Malta property. Building 18 is a one story concrete block building constructed on a concrete slab, a portion of which is equipped with steel decking and an asphalt roof. Building 18H is located to the east of Building 18 and is a one story steel frame building constructed on a slab foundation with transite siding and roofing. Building 18H houses the boiler for Building 18. A 550 gallon underground storage tank (UST) used to store No. 2 fuel oil is located to the south of Building 18H. A fill pipe and a vent pipe were identified in this location.

2.2 Site Geology

Soils are mapped by the Saratoga County Soil Survey as Oakville loamy fine sand. These soils are very deep, well drained to moderately well drained soils formed in water sorted sand. The site is located in an area where surficial geology is mapped as lacustrine delta, dunes and lacustrine sand. Lacustrine delta is described as stratified and well sorted coarse to fine gravel and sand. These soils range in thickness from 3-15 meters. Dunes are comprised of well sorted and stratified fine to medium sands which range in thickness from 1 to 10 meters. Lacustrine sand consists of well sorted and stratified quartz sand which varies in thickness from 2 to 20 meters. Bedrock is mapped as Canajoharie Shale.

3.0 METHOD OF INVESTIGATION

The first aspect of the investigation was the completion of a ground penetrating radar (GPR) survey. The purpose of the GPR survey was to identify signals which could represent buried features, and to determine their sizes and orientations. The GPR survey is a real time tool such that suspected buried features were marked on the ground at the time of discovery. The suspected feature locations were then evaluated for evidence of contamination through the advancement of soil borings and installation of groundwater monitoring wells at location where groundwater was present within the planned depths of exploration. Recovered soil samples were screened for evidence of contamination in the field at the time of recovery and select soil samples were chosen for detailed laboratory analysis. At those boring locations converted to monitoring well locations, groundwater samples were collected and submitted for laboratory analysis. The following sections further discuss the investigations conducted.

3.1 GPR Survey

A GPR survey was completed by Sub-Surface Informational Surveys, Inc., of East Longmeadow, Massachusetts, under the observation of C.T. Male representatives. GPR is a geophysical method for identifying subsurface anomalies based on differing physical properties of the anomaly and surrounding media. Electromagnetic signals are transmitted into the ground which are deflected back to a receiver where the signal is amplified, processed and ultimately displayed on a video display recorder. As the unit is moved across the ground surface a continuous radar display is produced. GPR reflections are produced by spatial changes in the physical properties of the subsurface (i.e. type of material, presence of fluids, porosity, etc.) and related changes in the electrical properties of the subsurface material in the path of the signals. The greater the differences, the stronger the observed reflection. Metallic objects such as tanks, utilities and conduits have electrical properties uniquely different from those of the soils in which they are buried. As a result, the GPR reflections of these features are usually of high amplitude and have distinctive shapes. These distinctive shapes are assessed by the operator to distinguish or identify a potential buried feature.

The GPR survey was conducted in the area of the Building 18 structures on Tuesday, May 25, 2004. The GPR survey was conducted across the ground surface of the site to identify the potential presence of underground storage tanks, drainage features and to outline the location of suspected and known USTs. The locations of the suspected features were pin flagged or spray painted as the survey was being conducted.

3.2 Test Boring Locations

Two test boring locations were selected to assess the subsurface conditions at in the area of the underground storage tank located at Building 18H. An additional boring was completed southwest of Building 18. The locations of the test borings are shown on Figure 3 in Appendix A.

3.3 Drilling Method and Soil Sampling

The drilling activities were completed on May 27 and June 2, 2004 by SJB Services, Inc. under the observation of C.T. Male representatives. Geoprobe drilling techniques were utilized to complete the test borings.

Boring number BLD18-550FO was completed to the south of Building 18H, and south of the 550 gallon underground fuel oil tank. BLD18-550FO2 was completed southwest of Building 18H and the tank. BLD18-DW1 was completed southwest of Building 18 and west of the tank.

At each test boring location the borehole was first advanced to a depth of four (4) feet below grade to ensure the borehole was not positioned over a buried utility line or other structure. Upon reaching four (4) feet in depth, a two-inch diameter by four (4) foot long Macro-Core sampling barrel with an acetate liner was advanced at continuous four (4) foot intervals to the termination depth of the borings. The recovered soil samples were classified using the Unified Soil Classification System. The soil sample descriptions for the borings are presented on individual Geoprobe Subsurface Exploration Logs in Appendix C.

Immediately following the recovery of the soil samples (hand auger or sampling barrel samples) from the test borings, each sample was screened for the presence of detectable volatile organic compound vapors with a MiniRAE 2000 photo-ionization

detector (PID) equipped with a 10.6 eV lamp, and subjectively assessed for contamination on the basis of organoleptic perception (i.e., sight and smell). The PID meter was calibrated according to manufacturer recommendations prior to use utilizing isobutylene standard gas (100 parts per million). The PID soil screening results are presented on the Organic Vapor Headspace Analysis Logs in Appendix B.

Select soil samples were collected from each boring location for laboratory analysis. The selection of the sample was based on the following criteria:

- The soil sample depth interval exhibiting the highest PID reading from the borehole, and/or the sample interval exhibiting the highest level of subjective impact.
- If the PID readings were all within the ambient air background levels, and no subjective evidence of contamination was observed, the soil sample interval beneath the bottom depth of the suspected buried feature was collected for analysis.

3.4 Well Construction and Groundwater Sampling

Groundwater monitoring wells were planned to be installed within each borehole if groundwater was encountered within 24 feet below grade within the first water bearing formation (i.e., glacio-lacustrine sand).

Upon completion of sampling, boring, BLDG18-550FO2 was converted to 1 ¼ inch diameter PVC groundwater monitoring well with the installation of well screen and riser pipe. The well screen interval well was selected such that it would straddle the interpreted water table surface at the time of drilling. Filter sand was placed around and above the well screen with a bentonite seal placed above the filter pack. New pre-packaged well materials were used for the well installations.

The monitoring well with groundwater present was purged and sampled on June 3, 2004. The well was purged and sampled with a new, factory wrapped disposal bailer to eliminate the potential for cross contamination. QA/QC samples are discussed in Section 6.5.

The groundwater samples were collected in new laboratory supplied glass jars while wearing new disposable gloves. The samples were placed in a cooler with ice and transported to laboratory following proper chain of custody protocols.

3.5 Laboratory Analysis of Soil and Groundwater

The soil and groundwater samples collected from the borings/monitoring wells completed to evaluate the subsurface conditions at the UST location were analyzed for the Target Compound List (TCL) of volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) (base/neutral fractions) by EPA Methods 8260 and 8270, respectively. These methods include the compounds typically found in petroleum grade fuels as well as compounds identified as contaminants of concern during the USEPA RI/FS for the MRFA.

Quality control/quality assurance samples in the form of sample field duplicates, equipment blanks, and trip blanks were collected and analyzed along with the media samples. The samples were analyzed in accordance with ASP Category B Data Deliverable requirements. The samples were analyzed by Severn Trent Laboratories, Inc. of Newburgh New York (NYSDOH ELAP # 10142).

3.6 Decontamination

To preclude the potential for cross contamination between boring locations, the drilling tools and sampling equipment that would contact the site soils were decontaminated prior to the start of the drilling activities and between test boring locations utilizing a detergent/water wash and tap water rinse. Decontamination of equipment occurred at each respective boring location. Decontamination wash and rinse water was allowed to infiltrate the ground surface adjacent to the respective boring locations. All soil samples were handled with a new pair of gloves to eliminate cross contamination of the soil samples.

4.0 FINDINGS

4.1 GPR Survey

The GPR survey was conducted on the south sides of Buildings 18, 18A and 18H. The location and orientation of the known 550 gallon fuel oil UST was marked. Other anomalies suggesting potential USTs were not identified.

The GPR survey Report is included in Appendix E of this report.

4.2 Soil and Groundwater Conditions

The subsurface soils encountered at each of the test borings were similar. Brown fine sands with varying percentages of coarser sand and fine gravel with low percentages of silt were encountered within the depths explored. The individual subsurface logs for each test boring are presented in Appendix C.

Groundwater was encountered at 30 feet below grade at BLDG18-550FO2. Based on the RI/FS, a north-south trending groundwater ridge exists within the site with groundwater movement on the westerly side of the ridge moving generally to the northwest, and to the northeast on the easterly side of the ridge.

4.3 Soil Screening Results

The soil screening results for the recovered soil samples from the test borings are presented on the Organic Vapor Headspace Analysis Logs in Appendix B.

Elevated PID readings were recorded starting at a depth of 20 to 22 feet below grade. The highest PID reading (65.5 ppm) was recorded at 34-36 feet below grade, beneath the groundwater table. A moth ball type odor and sheens were noted in the saturated soils recovered from 34 to 36 feet below grade.

Based on the elevated PID readings and visual observations (petroleum odor and sheens) indicating evidence of a petroleum release, the NYSDEC Spill Hotline was contacted on April 29, 2004 and Spill #0402334 was assigned to the findings.

4.4 Analytical Results

4.4.1 Soil

The soil samples selected for laboratory analysis from each UST boring location were analyzed for Target Compound List VOCs and SVOCs (base neutral fractions). Table 4.4.1-1 provides a summary of the compounds detected within the samples analyzed. A copy of the laboratory analysis report is presented in Appendix D.

TABLE 4.4.1-1
SUMMARY OF SOIL SAMPLING RESULTS
AND REGULATORY STANDARDS

PARAMETER	LOCATION AND CONCENTRATION						NYSDEC TAGM 4046 Recommended Soil Cleanup Objective Value (1)
	B18H-550FO	BLD18-550FO2	BLD18-550FO2 (Rerun)	BLD18-550FO2 (Field Dup)	BLD18-550FO2 (Field Dup Rerun)	BLD18-DW1	
Volatile Organic Compounds by EPA Method 8260 (ug/kg):							
Acetone	3.9J	5.4J	NA	5.1J	NA	2.4J	200
Methylene Chloride	<11	<11	NA	<10	NA	1.3J	100
Semi-volatile Organic Compounds by EPA Method 8270 BN:							
Fluoranthene	<360	110J	120J	88J	82J	40J	50,000
Pyrene	62J	170J	180J	150J	160J	<360	50,000
Bis(2-ethylhexyl)phthalate	21J	<350	<350	<340	<340	40J	50,000
2-Methylnaphthalene	<360	1,300	1,400	560	570	<360	36,400
Phenanthrene	<360	1,500	1,500	620	620	<360	50,000
Anthracene	<360	<350	<350	620	<340	<360	50,000

All values are shown in ug/kg or parts per billion
ND denotes Non Detect
Only the compounds that were detected are listed.
(1) NYSDEC TAGM 4046 Division and Technical and Administrative Guidance Memorandu: Determination of Soil Cleanup Objectives and Cleanup Levels, dated January 24, 1994
< denotes less than the method detection limit.
J denotes estimated value when the value is less than the method detection limit but above the instrument detection limit.

Two (2) TCL VOCs were detected at one or more test boring locations, although not every boring detected both compounds together. The concentrations of the

compounds detected above the laboratory method detection limits are below their respective NYSDEC TAGM 4046 Recommended Soil Cleanup Objective Values.

Six (6) TCL SVOCs were detected at BLD18-550FO and BDL18-550FO2. The concentrations of the compounds detected are below their respective NYSDEC TAGM 4046 Recommended Soil Cleanup Objective Values.

4.4.2 Groundwater

A groundwater sample was collected from the monitoring well installed within boring BLD18-550FO2. The groundwater sample was analyzed for TCL of VOCs and S-VOCs base-neutral fractions. The results of the analyses are presented in the table below. The table summarizes only those compounds detected above the limit of laboratory detection. Two (2) VOCs and six (6) S-VOCs were detected in the groundwater sample from BLDG18-550FO2. Of these detections, Total Xylenes and Naphthalene were detected slightly above their respective NYSDEC groundwater standard or guidance value.

The detections at BLDG18-550FO2 are consistent with contaminates associated with fuel oils, and likely represent a release of petroleum product from the 550 gallon Fuel Oil UST at this location.

TABLE 4.4.2
SUMMARY OF GROUNDWATER SAMPLING RESULTS
AND REGULATORY STANDARDS

Analytical Parameter	NYSDEC Groundwater Quality Standard (1)	BLD18-550FO2	BLD18-550FO2 (Rerun)	Trip Blank
Volatile Organic Compounds by EPA Method 8260 (ug/l)				
Acetone	50	5.6 J	NA	< 10
Carbon Tetrachloride	5	< 10	NA	< 10
Tetrachloroethene	5	< 10	NA	< 10
Total Xylenes	5	**8 J**	NA	< 10
Semi-volatile Organic Compounds by EPA Method 8270 BN (ug/l)				
Naphthalene	10 GV	**39**	**44 J**	NA
2-Methylnaphthalene	No Standard	210	220	NA
Acenaphthene	20 GV	3.4 J	< 50	NA
Dibenzofuran	No Standard	4 J	< 50	NA
Fluorene	50 GV	3.8 J	< 50	NA
Phenanthrene	50 GV	6 J	6.4 J	NA

(1) NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1), Ambient Water Quality Standards and Guidance Values, June 1998.
GV denotes Guidance Value.
< denotes less than the method detection limit.
J denotes estimate value when the value is less than the method detection limit but above the instrument detection limit.
Bold values indicate exceedance of reference standard or guidance values.

A copy of the laboratory analysis report is presented in Appendix D.

5.0 CONCLUSIONS AND RECOMMENDATION

Activities to investigate a 550 gallon fuel oil UST in the vicinity of Building 18H at the Wright-Malta site included a ground penetrating radar (GPR) survey and a subsurface investigation which included the advancement of soil borings, one of which was converted into a groundwater monitoring well, the collection of soil samples for field VOC vapor screening, and the collection and analysis of soil and groundwater samples for laboratory analysis.

Based on the results of the GPR survey and observation of the site it is apparent that a UST is present at Building 18H. Based on the GPR survey, the dimensions of the tank appear consistent with a 550 gallon tank.

Based on a review of the New York State Department of Environmental Conservation (NYSDEC) Petroleum Bulk Storage registration for the site, it appears that the UST located at Building 18H is registered, although this tank is noted as being converted to non-regulated use in 1996.

Two soil borings were completed at the UST location, and one boring in close proximity of the UST location. On the basis of the photo-ionization detector (PID) readings and observation of sheens within a soil sample collected at or below the water table within the boring completed at Building 18H in the vicinity of the 550 gallon fuel oil UST, the NYSDEC was notified of the potential release and a spill number was assigned to the site. NYSDEC has requested a copy of data and information for Building 18H to evaluate the spill and determine if additional actions are required.

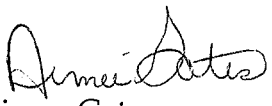
Analytical results for the soil samples collected at the UST boring locations did not reveal contaminant levels above their respective NYSDEC TAGM 4046 Recommended Soil Cleanup Objective Values.

The analytical results from the monitoring well revealed concentrations of VOCs and SVOCs above NYSDEC groundwater standards. Total Xylenes and Naphthalene were detected slightly above their respective NYSDEC groundwater standard or guidance values.

It is recommended that the 550 gallon fuel oil UST be properly removed and managed off the site, and that any soil contamination measured above NYSDEC TAGM 4046 Recommended Soil Cleanup Objective Values be similarly removed and managed off the site.

If you have any questions regarding this report, please contact this office at (518) 786-7400.

Respectfully submitted,
C.T. MALE ASSOCIATES, P.C.



Aimee Gates
Environmental Scientist

Reviewed and approved by:

John S. Munsey
Project Manager

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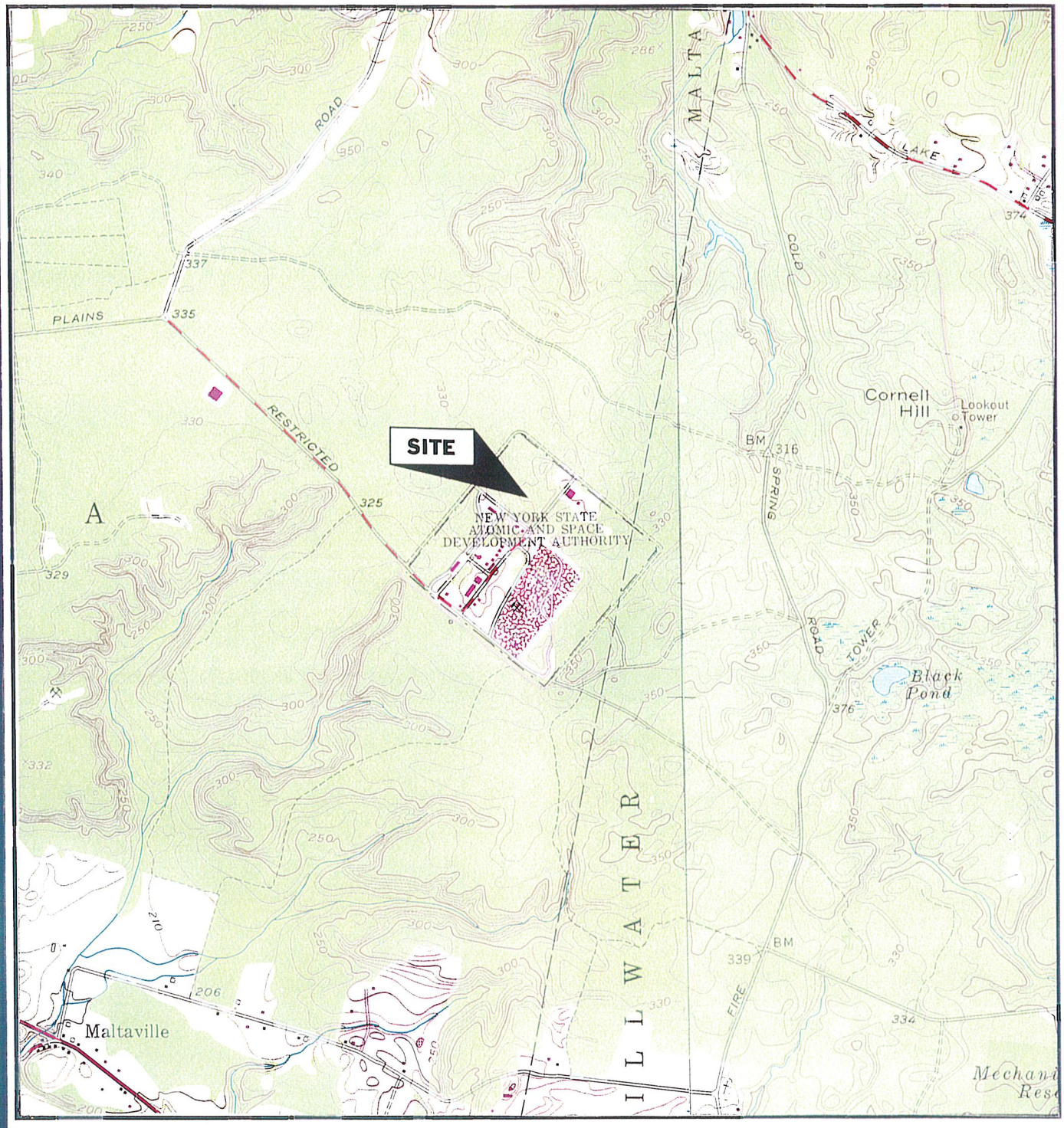
October 29, 2004

APPENDIX A

Figures/Maps



MAP REFERENCE
United States Geological Survey
7.5 Minute Series Topographic Map
Quadrangles: Round Lake and Mechanicville, NY
Date: 1980

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ENVIRONMENTAL SERVICES
SURVEYING
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FAX (518) 786-7299

C.T.MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, PO BOX 727, LATHAM, NY 12110

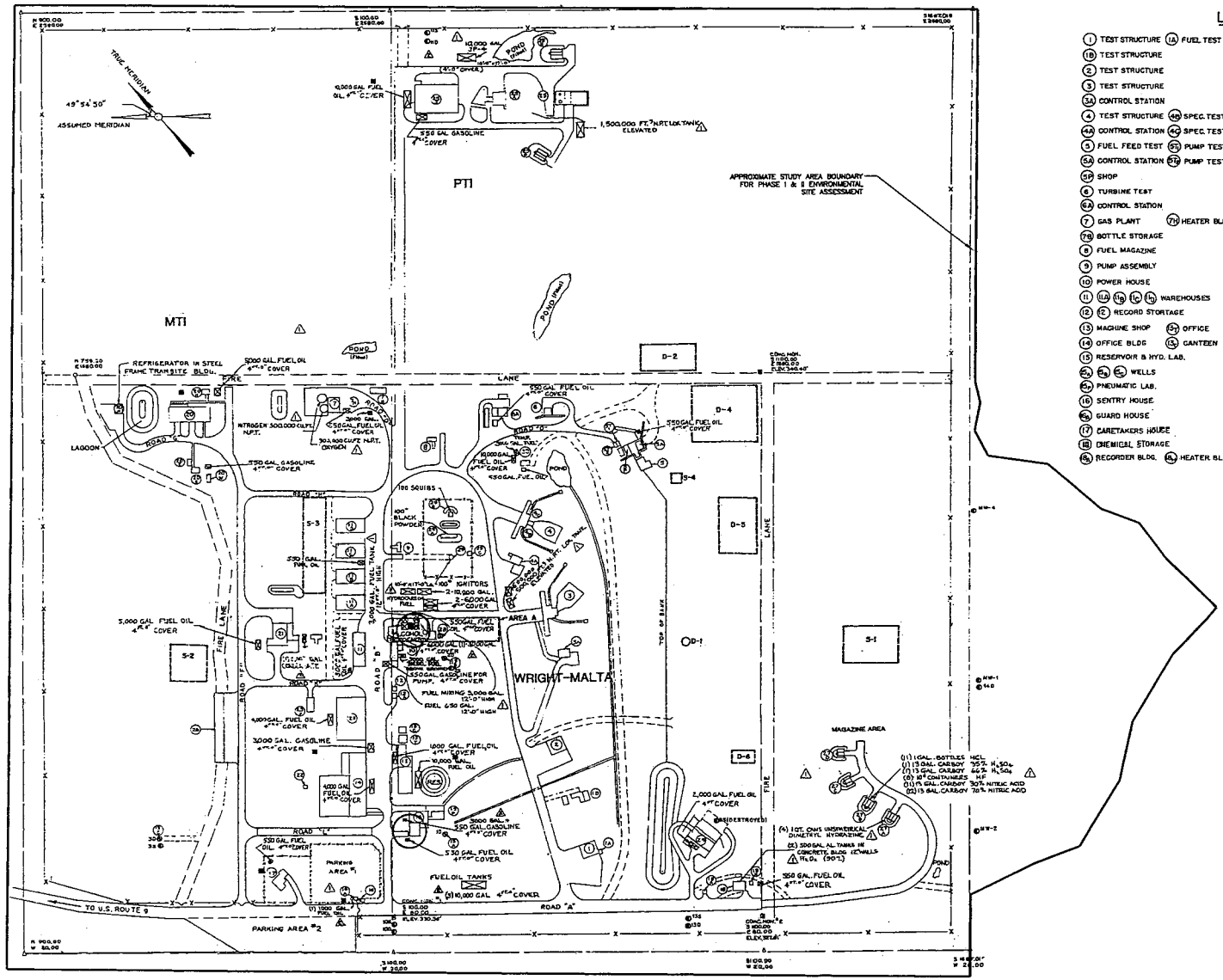
FIGURE 1 - SITE LOCATION MAP

WRIGHT MALTA

MALTA AND STILLWATER	SARATOGA COUNTY, NY
SCALE: 1"=2,000'	
DRAFTER: ASG	
PROJECT No. 04.9107	

FIGURE 2

Site Plan Map



LEGEND

- (1) TEST STRUCTURE (1A) FUEL TEST
- (1B) TEST STRUCTURE
- (2) TEST STRUCTURE
- (3) TEST STRUCTURE
- (3A) CONTROL STATION
- (4) TEST STRUCTURE (4B) SPEC. TEST
- (4A) CONTROL STATION (4C) SPEC. TEST
- (5) FUEL FEED TEST (5T) PUMP TEST
- (5A) CONTROL STATION (5TP) PUMP TEST
- (5P) SHOP
- (6) TURBINE TEST
- (6A) CONTROL STATION
- (7) GAS PLANT (7H) HEATER BLDG.
- (7B) BOTTLE STORAGE
- (8) FUEL MAGAZINE
- (9) PUMP ASSEMBLY
- (10) POWER HOUSE
- (11) (11A) (11B) (11C) (11D) WAREHOUSES
- (12) (12) RECORD STORTAGE
- (13) MACHINE SHOP (13T) OFFICE
- (14) OFFICE BLDG (13C) CANTEEN
- (15) RESERVOIR & HYD. LAB.
- (15A) (15B) (15C) WELLS
- (15T) PNEUMATIC LAB.
- (16) SENTRY HOUSE
- (16A) GUARD HOUSE
- (17) CARETAKERS HOUSE
- (18) CHEMICAL STORAGE
- (18A) RECORDER BLDG. (18H) HEATER BLDG.
- (20) CHEMICAL PLANT (20A) HEATER BLDG.
- (20A) TRANSFORMER (20A) MAGAZINE
- (21) STAND BY GENERATOR (21) SHED
- (21) RAM JET LAB.
- (22) FIRE TOWER
- (23) MAINTENANCE BLDG (23A) PAINT SHED
- (24) CHEMICAL TEST PIT
- (25) PROTOTYPE TEST PIT (25P) SHOP
- (25T) CONTROL STATION (25S) GAS STORAGE
- (26) GAS STORAGE
- (28) VEHICLE STORAGE SHED
- (27) (27) (27A) (27A) FUEL STORAGE MAGAZINES
- (28) FUEL ADDITIVES BLDG
- (29) IGNITER STORAGE (29) POWDER STORAGE
- (29) IGNITER STORAGE (29) SQUIB STORAGE
- (30) BOILER HOUSE #1

EXPLANATION

- EXISTING MONITORING WELL
- SUPPLY WELL
- SEPTIC SYSTEM
- APPROXIMATE AREA OF STORAGE AND DISPOSAL AREAS AND AREA A

0 100 FEET

NOTE:
1) THE LOCATIONS AND FEATURES DEPICTED ON THIS MAP ARE APPROXIMATE AND DO NOT REPRESENT AN ACTUAL FIELD SURVEY.

MAP REFERENCE:
1) BASE MAP PREPARED BY GERAGHTY & MILLER, INC., FIGURE 2, SOURCE CONTROL INVESTIGATION AREA.

DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1			
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	8			
	9			

DESIGNED:
DRAFTED : JM
CHECKED : KM
PROJ. NO: 02.8049
SCALE : AS SHOWN
DATE : JUNE 16, 2004

FIGURE 2
SITE BOUNDARY MAP

PHASE I & II ENVIRONMENTAL SITE ASSESSMENT
WRIGHT-MALTA SITE

TOWNS OF MALTA/STILLWATER — SARATOGA COUNTY, NY

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ENVIRONMENTAL SERVICES * SURVEY & LAND INFORMATION SERVICES

SHEET 1 OF 2
DWG. NO:04-0351

FIGURE 3

Sample Locations Map

GERAGHTY & MILLER, INC.
Ground-Water Consultants

LEGEND

(1) TEST STRUCTURE (1A) FUEL TEST
(1B) TEST STRUCTURE
(2) TEST STRUCTURE
(3) TEST STRUCTURE
(3A) CONTROL STATION
(4) TEST STRUCTURE (4B) SPEC. TEST
(4A) CONTROL STATION (4C) SPEC. TEST
(5) FUEL FEED TEST (5T) PUMP TEST
(5A) CONTROL STATION (5TP) PUMP TEST
(5P) SHOP
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(9) PUMP ASSEMBLY
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(20T) TRANSFORMER (20M) MAGAZINE
(20S) STAND BY GENERATOR (20SH) SHED
(21) RAM JET LAB.
(22) FIRE TOWER
(23) MAINTENANCE BLDG (23P) PAINT SHED
(24) CHEMICAL TEST PIT
(25) PROTOTYPE TEST PIT (25S) SHOP
(25A) CONTROL STATION (25G) GAS STORAGE
(25B) GAS STORAGE
(26) VEHICLE STORAGE SHED
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(28) FUEL ADDITIVES BLDG
(29) IGNITER STORAGE (29P) POWDER STORAGE
(29A) IGNITER STORAGE (29S) SQUIB STORAGE
(30) BOILER HOUSE #1

EXPLANATION

- EXISTING MONITORING WELL
- SUPPLY WELL
- SEPTIC SYSTEM
- APPROXIMATE AREA OF STORAGE AND DISPOSAL AREAS AND AREA A

0 100 FEET

LEGEND

BLD13-1KFO — APPROXIMATE LOCATION AND IDENTIFICATION OF GEOPROBE SOIL BORING ADVANCED AND CONVERTED TO A MONITORING WELL IN 2004 BY C.T.MALE ASSOCIATES, P.C.

BLD14-3KGAS — APPROXIMATE LOCATION AND IDENTIFICATION OF GEOPROBE SOIL BORING ADVANCED IN 2004 BY C.T.MALE ASSOCIATES, P.C.

SOURCE CONTROL INVESTIGATION AREA

MALTA ROCKET FUEL AREA SUPERFUND SITE
TOWNS OF MALTA/STILLWATER, NEW YORK

NOTE:
1) THE LOCATIONS AND FEATURES DEPICTED ON THIS MAP ARE APPROXIMATE AND DO NOT REPRESENT AN ACTUAL FIELD SURVEY.

MAP REFERENCE:
1) BASE MAP PREPARED BY GERAGHTY & MILLER, INC., FIGURE 2, SOURCE CONTROL INVESTIGATION AREA.

DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1			
	2			
	3			
	4			
	5			
	6			
	7			

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DESIGNED:
DRAFTED : JAM
CHECKED : KM
PROJ. NO: 02.8049
SCALE : 1"=100'±
DATE : JUNE

FIGURE 3
SAMPLE LOCATIONS MAP

PHASE I & II ENVIRONMENTAL SITE ASSESSMENT
WRIGHT-MALTA SITE

TOWNS OF MALTA/STILLWATER — SARATOGA COUNTY, NY

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SHEET : 2 OF 2
DWG. NO: 04-0351

APPENDIX B

Organic Vapor Headspace Analysis Log

ORGANIC VAPOR HEADSPACE ANALYSIS LOG

PROJECT: Wright-Malta Site		PROJECT #: 02.8049	PAGE 1 OF 2
CLIENT: SEDC			DATE
LOCATION: Hermes Road Malta, NY			COLLECTED: 6/2/04
INSTRUMENT USED: MiniRAE 2000	LAMP 10.6 EV		DATE
DATE INSTRUMENT CALIBRATED: Prior to Use		BY: JF	ANALYZED: 6/2/04
TEMPERATURE OF SOIL: Ambient			ANALYST: J. Marx

EXPLORATION NUMBER	SAMPLE NUMBER	DEPTH (FT.)	SAMPLE TYPE	SAMPLE READING (PPM)**	BACKGROUND READING (PPM)**	REMARKS
BLD18 - DW1	S-1	0-2	Soil	3.7	0.2	No odor/No staining
"		2-4	Soil	3.9	0.2	No odor/No staining
"	S-2	4-6	Soil	0.3	0.2	No odor/No staining
"		6-8	Soil	0.3	0.2	No odor/No staining Lab Sample Interval
"	S-3	8-10	Soil	0.3	0.2	No odor/No staining
"		10-12	Soil	0.3	0.2	No odor/No staining
"	S-4	12-16	Soil	0.7	0.5	No odor/No staining
"		16-18	Soil	0.8	0.5	No odor/No staining
"	S-5		Soil			No Recovery
"			Soil			No Recovery
"	S-6	20-22	Soil	0.3	0.2	No odor/No staining
"		22-24	Soil	0.3	0.2	No odor/No staining
"	S-7	24-26	Soil	0.2	0.1	No odor/No staining
"		26-28	Soil	0.2	0.1	No odor/No staining
BLD18 - 550FO2	S-1	24-26	Soil	10.6	0.4	No staining/Possible odor
"		26-28	Soil	11.1	0.4	No staining/Possible odor
"	S-2	28-30	Soil	11.7	0.1	No staining/Possible odor
"		30-32	Soil	25.9	0.2	No staining/Faint odor Lab Sample Interval
"	S-3	32-34	Soil	7.7	0.2	No staining/Faint odor
"		34-36	Soil	65.5	0.2	Rainbow color/Moth balls, saturated

*Instrument was calibrated in accordance with manufacturer's recommended procedure using a calibration gas supplied by the manufacturer.
**PPM represents concentration of detectable volatile and gaseous compounds in parts per million of air.
***Due to poor sample recovery the sample is not sufficient enough to specify which portion of the recovered sample interval was collected .

ORGANIC VAPOR HEADSPACE ANALYSIS LOG

PROJECT: Wright-Malta Site		PROJECT #: 02.8049	PAGE 2 OF 2
CLIENT: SEDC			DATE
LOCATION: Hermes Road Malta, NY			COLLECTED: 5/27/04
INSTRUMENT USED: MiniRAE 2000	LAMP 10.6	EV	DATE
DATE INSTRUMENT CALIBRATED: Prior to Use		BY: JF	ANALYZED: 5/27/04
TEMPERATURE OF SOIL: Ambient			ANALYST: JH

EXPLORATION NUMBER	SAMPLE NUMBER	DEPTH (FT.)	SAMPLE TYPE	SAMPLE READING (PPM)**	BACKGROUND READING (PPM)**	REMARKS
B-18H 550FO	S-1	0-4	Grab	1.0	1.0	
"	S-2	4-6	2" Macro Core	1.0	1.0	
"	S-2	6-8	2" Macro Core	1.0	1.0	
"	S-3	8-10	2" Macro Core	1.3	1.0	
"	S-3	10-12	2" Macro Core	1.2	1.0	
"	S-4	12-14	2" Macro Core	1.5	1.1	
"	S-4	14-16	2" Macro Core	1.4	1.1	
"	S-5	16-18	2" Macro Core	1.5	1.1	
"	S-5	18-20	2" Macro Core	1.4	1.1	
"	S-6	20-22	2" Macro Core	11.6	1.1	
"	S-6	22-24	2" Macro Core	17.1	1.1	Lab sample interval

*Instrument was calibrated in accordance with manufacturer's recommended procedure using a calibration gas supplied by the manufacturer.
**PPM represents concentration of detectable volatile and gaseous compounds in parts per million of air.
***Due to poor sample recovery the sample is not sufficient enough to specify which portion of the recovered sample interval was collected .

APPENDIX C

Geoprobe Subsurface Exploration Logs

C.T. MALE ASSOCIATES, P.C.

GEOPROBE SUBSURFACE EXPLORATION LOG

BORING NO.: BLD18H - 550FO
ELEV.: **DATUM:**
START DATE: 5/27/04 **FINISH DATE: 5/27/04**
SHEET 1 OF 1

PROJECT: Wright-Malta Site — CTM PROJECT NO.: 02.8049

LOCATION Hermes Road Malta, NY — CTM OBSERVER: J. Hutchison

DEPTH (FT.)	SAMPLE INTERVAL	SAMPLE NUMBER	SAMPLE RECOVERY (FT)	SAMPLE CLASSIFICATION	NOTES
4		1	4	Light brown fine to medium SAND, trace silt and gravel (Moist)	Hand augered to 4'
8		2	2.9	Light brown fine to medium SAND (Moist)	
12		3	3.8	Wet layer of fine sand at 9.4' to 10.4'.	
16		4	3.2		Laminations noted. Very slight chemical odors noted.
20		5	2.8	Brown fine to medium SAND (moist)	
24		6	2.8		Laminations noted. Slight fuel odor noted.
28				Boring Terminated at 24'	

DRILLING CONTRACTOR: SJB Services, Inc. GEOPROBE TYPE: 540 U Truck Mounted
METHOD OF SAMPLING: Direct Push with Percussion Hammer and Macro Core Sampler

GROUNDWATER LEVEL READINGS

DATE	LEVEL	REFERENCE MEASURING POINT

SAMPLE CLASSIFICATION BY: J. Hutchison

C.T. MALE ASSOCIATES, P.C.

GEOPROBE SUBSURFACE EXPLORATION LOG

BORING NO.: BLD 18 - DW 1
ELEV.: **DATUM:**
START DATE: 6/2/04 **FINISH DATE: 6/2/04**
SHEET 1 OF 1

PROJECT: Wright-Malta Site — CTM PROJECT NO.: 02.8049

LOCATION: Hermes Road Malta, NY — CTM OBSERVER: Jeff Marx

DEPTH (FT.)	SAMPLE INTERVAL	SAMPLE NUMBER	SAMPLE RECOVERY (FT)	SAMPLE CLASSIFICATION	NOTES
4		1	NA	Grassy TOPSOIL	Hand auger from 0' to 4' below grade.
				Brown fine SAND (moist)	Occasional gravel noted.
8		2	2.7		
12		3	3.4		
16		4	3.5		
20		5	0		
24		6	3.7	Brown-Tan fine to medium SAND (moist)	
28		7	3.9		Gravel noted at 26'.
				Boring Terminated at 28'	No measurable groundwater upon completion.

DRILLING CONTRACTOR: SJB Services, Inc. GEOPROBE TYPE: 540 U Truck Mounted
METHOD OF SAMPLING: Direct Push with Percussion Hammer and Macro Core Sampler

GROUNDWATER LEVEL READINGS

DATE	LEVEL	REFERENCE MEASURING POINT

SAMPLE CLASSIFICATION BY: Jeff Marx

C.T. MALE ASSOCIATES, P.C.

GEOPROBE SUBSURFACE EXPLORATION LOG

BORING NO.: BLD18 - 550FO2
ELEV.: **DATUM:**
START DATE: 6/2/04 **FINISH DATE: 6/2/04**
SHEET 1 OF 1

PROJECT: Wright-Malta Site — CTM PROJECT NO.: 02.8049

LOCATION Hermes Road Malta, NY — CTM OBSERVER: Jeff Marx

DEPTH (FT.)	SAMPLE INTERVAL	SAMPLE NUMBER	SAMPLE RECOVERY (FT)	SAMPLE CLASSIFICATION	NOTES
20			NS	Grassy TOPSOIL	Hand auger to 4'
24			NS		Blind push to 24', therefore no samples collected, see BLD18 - 550FO.
28		1	3.7	Brown/tan fine to medium SAND (moist)	
32		2	3.9	Brown fine SAND (moist to very moist) Trace organic rootlets from 30' to 30.4'.	Very moist soil at 31'.
36		3	4	Brown/tan fine to medium SAND (Wet)	
40				Boring Terminated at 36'	Installed 1.25" PVC well to a depth of 35.3' below grade. Sand above screen depth estimated at 10'. Bentonite to surface.
44					

DRILLING CONTRACTOR: SJB Services, Inc. GEOPROBE TYPE: 540 U Truck Mounted
METHOD OF SAMPLING: Direct Push with Percussion Hammer and Macro Core Sampler

GROUNDWATER LEVEL READINGS

DATE	LEVEL	REFERENCE MEASURING POINT

SAMPLE CLASSIFICATION BY: Jeff Marx

APPENDIX D

Laboratory Analysis Reports

SEVERN TRENT STL

06/09/2004

CT Male Associates, P.C.
50 Century Hill Drive
PO Box 727
Latham, NY 12110-0727

Attn: Kirk Moline

SUBJECT: Case Narrative, Wright-Malia 02.8049,
STL Job Number 236704.

Dear Kirk Moline:

Enclosed are the analytical results for the Wright-Malia 02.8049 project. The samples were received on 05/28/2004. The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. The reports were completed according to contract specific reporting requirements.

Any exceptions to NELAP requirements are noted in the attached case narrative. The case narrative is an integral part of this report.

I certify that this package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release has been authorized by the Laboratory Director or her designee, as verified by the following signature.

STL NEWBURGH

Patricia Chany

Patricia Chany
Laboratory Director

000001

CASE NARRATIVE

Client: CT Male & Associates, P.C.
Date: 06/09/04
STL Lab No.: 236704

Volatile Organics

No comments necessary.

Semi-volatile Organics

Surrogate Recovery

The surrogate solution was inadvertently omitted from sample SBSPK03 prior to sample preparation. The recovery of the spiking parameters is within the acceptable control limits.

Matrix Spike/Matrix Spike Duplicate

The spike recovery for 1,4-dichlorobenzene (24%), N-Nitroso-di-n-propylamine (34%) and 1,2,4-trichlorobenzene (29%) are below the established control limit in sample number B3-UST (10-12')MS.
The spike recovery for 1,4-dichlorobenzene (23%), N-Nitroso-di-n-propylamine (32%) and 1,2,4-trichlorobenzene (27%) are below the established control limit in sample number B3-UST (10-12')MSD.

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Fax (845) 562-0841

SAMPLE INFORMATION
Date: 06/09/2004

Job Number.: 236704
Customer...: CT Male Associates, P.C.
Attn.....: Kirk Moline

Project Number.....: 20001332
Customer Project ID....: WRIGHT-MALTA 02.8049
Project Description....: Luther Forest Tech Park

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
236704-1	BLD 20H-550 GAS (6-8')	Soil	05/27/2004	09:15	05/28/2004	07:45
236704-2	BLD 26-6KFO (10-12')	Soil	05/27/2004	10:10	05/28/2004	07:45
236704-3	BLD 23P-3K (10-12')	Soil	05/27/2004	11:05	05/28/2004	07:45
236704-4	BLD 10-UST (10-12')	Soil	05/27/2004	12:15	05/28/2004	07:45
236704-5	BLD 25A-10K (12-14')	Soil	05/27/2004	13:30	05/28/2004	07:45
236704-6	BLD 25H-UST (10-12')	Soil	05/27/2004	14:15	05/28/2004	07:45
236704-7	BLD 16-1KFO (8-10')	Soil	05/27/2004	15:30	05/28/2004	07:45
236704-8	B7H-550FO (6-8')	Soil	05/27/2004	09:05	05/28/2004	07:45
236704-9	B30-10KFO (12-14')	Soil	05/27/2004	10:30	05/28/2004	07:45
236704-10	B6A-550FO (6-8')	Soil	05/27/2004	11:18	05/28/2004	07:45
236704-11	B5A-550FO (6-8')	Soil	05/27/2004	13:15	05/28/2004	07:45
236704-12	B18H-550FO (22-24')	Soil	05/27/2004	15:10	05/28/2004	07:45
236704-13	B3-UST (10-12')	Soil	05/27/2004	00:00	05/28/2004	07:45

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LABORATORY CHRONICLE

Job Number: 236704 Date: 06/09/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Lab ID: 236704-11 Client ID: B5A-550FO (6-8') Date Recvd: 05/28/2004 Sample Date: 05/27/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
	Electronic Data Deliverable	1					
SW846 3550B	Extraction Ultrasonic (SVOC)	1	69155				
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	69595				
SW846 8270C	Semivolatile Organics	1	69556		06/01/2004	2254	1
EPA 160.3	Solids, Total	1	69389		06/01/2004	0000	
SW846 8260B	Volatile Organics	1	69533		06/03/2004	0000	

Lab ID: 236704-12 Client ID: B18H-550FO (22-24') Date Recvd: 05/28/2004 Sample Date: 05/27/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
SW846 5030 (5g	5030 Soil(5g)Prep	1	69638		06/09/2004	1200	
	Electronic Data Deliverable	1					
SW846 3550B	Extraction Ultrasonic (SVOC)	1	69155				
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	69595				
SW846 8270C	Semivolatile Organics	1	69556		06/02/2004	0226	1
EPA 160.3	Solids, Total	1	69389		06/01/2004	0000	
SW846 8260B	Volatile Organics	1	69533		06/03/2004	0000	

Lab ID: 236704-13 Client ID: B3-UST (10-12') Date Recvd: 05/28/2004 Sample Date: 05/27/2004

METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT #(S)	DATE/TIME ANALYZED		DILUTION
SW846 5030 (5g	5030 Soil(5g)Prep	1	69638		06/09/2004	1200	
	Electronic Data Deliverable	1					
SW846 3550B	Extraction Ultrasonic (SVOC)	1	69155				
QA Services	Quality Assurance Services	1					
QA Services	Quality Assurance Services	1	69595				
SW846 8270C	Semivolatile Organics	1	69556		06/02/2004	0005	1
EPA 160.3	Solids, Total	1	69389		06/01/2004	0000	
SW846 8260B	Volatile Organics	1	69533		06/03/2004	0000	

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THE ANALYTICAL METHODS MAY UTILIZE ONE OR MORE OF THE FOLLOWING REFERENCES:

"Methods for Chemical Analysis of Water and Wastewater", EPA-600/4-79-020, March 1983

"Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992

Atomic Absorption - Furnace Technique

"Test Methods for Evaluating Solid Waste",USEPA-SW846, Third Edition, September 1986 with all current revisions.

"Standard Methods for the Examination of Water and Wastewater", 17th Edition, 1989.

HACH8000 1979 Handbook

"New York State Department of Environmental Conservation Analytical Services Protocol, Vol.2, October 1995.

"Determination of Cyanide" (Macro Distillation Method in Waters), QUIK CHEM Method 10-204-00-1-A, Karin Wendt, Revised June 6, 1996, Lachat Instruments, Milwaukee, Wi. 53218

"Determination of Nitrate/Nitrite in Surface and Wastewaters by Flow Injection Analysis", QUICK CHEM Method 10-107041A, Karin Wendt, Revised June 24, 1997, Zellweger Analytics, Milwaukee, Wi. 53218

"Determination of Total Recoverable Phenols by Flow Injection Analysis Colorimetry", QUIK CHEM Method 10-210-00-1-A, Ninglan Liao, Revised August 6, 1996, Lachat Instruments, Milwaukee, Wi. 53218.

"Determination of Nitrogen, Total Kjeldahl by Flow Injection Analysis Colorimetry" QUIK CHEM Method 10-107-06-2-D, Kevin Switala, Revised October 7, 1997, Lachat Instruments, Milwaukee, Wi 53218.

Enterolert - (Idexx)

"American Society for Testing and Materials."

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CHAIN OF CUSTODY

SEVERN TRENT STL

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1 of 2

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Newburgh, NY 12550
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FAX (845) 562-0841

CUSTOMER NAME: C.T. MALE ASSOCIATES, P.C.

ADDRESS: 50 CENTURY HILL DRIVE

CITY, STATE, ZIP: LATHAM, NY 12110-0727

NAME OF CONTACT: KIRK MOLINE PHONE NO. 518-786-7400

PROJECT LOCATION: WRIGHT-MALTA

PROJECT NUMBER / PO NO. 02.8049

REPORT TYPE

STANDARD ☐ ISRA ☐
NJ REG ☐
NYASP A ☐ B ☒ CLP ☐
OTHER ____

TURNAROUND

☐ NORMAL ____
☒ QUICK 5 DAY
☐ VERBAL ____

REPORT # (Lab Use Only) 236704

SAMPLE TEMP. 2.6° C
SAMPLE REC'D ON ICE Y ✓ N ___
pH CHECK Y ___ N ✓
CHLORINE (RESIDUAL) Y ___ N ✓
REVIEWED BY: [signature]

NY PUBLIC WATER SUPPLIES

SOURCE ID ___
ELRP TYPE ___
FEDERAL ID ___

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

STL #	SAMPLING DATE	SAMPLING TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber HCL	250ml Amber Sulfuric	Liter Amber Organic Washed	250ml Plastic Nitric Acid	250ml Plastic Sodium Hydroxide	Liter Plastic	Liter Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	8 oz. Soil	4 oz. Soil	250ml Plastic NAOH / ZN ACC	ANALYSIS REQUESTED
1	5-27	915A		X	SOIL	BLD20H-550GAS(6-8')	2											1	1		8260, 8270 BN
2	5-27	1010A		X	SOIL	BLD26-6KFO(10-12')	2											1	1		8260, 8270 BN
3	5-27	1105A		X	SOIL	BLD23P-31L(10-12')	2											1	1		8260, 8270 BN
4	5-27	1245P		X	SOIL	BLD10-UST (10-12')	2											1	1		8260, 8270 BN
5	5-27	130 P		X	SOIL	BLD25A-10KL(12-14')	2											1	1		8260, 8270 BN
6	5-27	215P		X	SOIL	BLD25H-UST(10-12')	2											1	1		8260, 8270 BN
7	5-27	330P		X	SOIL	BLD16-1KFO(8-10')	2											1	1		8260, 8270 BN
8	5-27	905A		X	SOIL	B7H-550FO(6-8')	2											1	1		8260, 8270 BN
9	5-27	1030A		X	SOIL	B30-10KFO(12-14')	2											1	1		8260, 8270 BN
10	5-27	1118A		X	SOIL	B6A-550FO(6-8')	2											1	1		8260, 8270 BN
11	5-27	115P		X	SOIL	B5A-550FO(6-8')	2											1	1		8260, 8270 BN
12	5-27	310P		X	SOIL	B18H-550FO(22-24')	2											1	1		8260, 8270 BN

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECTED TO THE STL TERMS AND CONDITIONS OF SALE (SHORT FORM) UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

	COMPANY	DATE	TIME		COMPANY	DATE	TIME
RELINQUISHED BY [signature]		5-27	440 PM	RECEIVED BY [signature]	STL	5/27/04	4:45 p.m
SAMPLED BY [signature]	C.T. MALE	5-27	See Above	RECEIVED BY			
RELINQUISHED BY [signature]	STL	5/28/04	7:45 a.m	RECEIVED BY [signature]	STL	5/28/04	7:45

COMMENTS ____

000033

DATA REPORTING QUALIFIERS

Data qualifiers are used in the analytical report for organics and inorganics. The qualifiers are equivalent to those used by the USEPA in its Contract Laboratory Program.

ORGANIC QUALIFIERS

U - Indicates that the compound was analyzed for but not detected. The sample detection limit is corrected for dilution and percent moisture. This detection limit is not necessarily the instrument detection limit.

J - Indicates an estimated value. This qualifier is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicates the presence of a compound that meets the identification criteria and the result is less than the specified detection limit but greater than zero.

B - Indicates that the analyte was found in both the sample and its associated laboratory blank. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

C - This qualifier applies to pesticide parameters where the identification has been confirmed by gas chromatography/mass spectrometry.

E - This qualifier indicates compounds whose concentrations exceed the calibration range of the instrument for the specific analysis.

D - Indicates all compounds identified in an analysis at a secondary dilution factor.

DL - This suffix indicates a diluted sample and is appended to the sample number on the result form.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.

P - This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentration between the two GC columns (see Form X). The lower of the two values is reported on Form I and flagged with an "P".

A - This flag indicates that a TIC is a suspected aldol-condensation product.

RE - This suffix indicates a re-analyzed sample and is appended to the sample number on the result form.

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RR - This suffix indicates a re-extracted and re-analyzed sample and is appended to the sample number on the result form.

INORGANICS

Concentration Qualifiers (C)

U - Indicates that the analyte was analyzed for but not detected.

B - The reported value is less than the Contract Required Detection Limit (CRDL), but greater than the Instrument Detection Limit (IDL).

Quality Qualifiers (Q)

E - Indicates an estimated value because of the presence of interference.

M - Duplicate injection precision not met.

N - Spiked sample recovery not within control limits.

S - The reported value was determined by the Method of Standard Additions (MSA).

W - Post digestion spike for furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.

* - Duplicate analysis not within control limits.

+ - Correlation coefficient for the MSA is less than 0.995.

Method Qualifiers (M)

P - for ICP.
A - for Flame AA.
F - for Furnace AA.
PM - for ICP when Microwave Digestion is used.
AM - for Flame AA when Microwave Digestion is used.
FM - for Furnace AA when Microwave Digestion is used.
CV - for Manual Cold Vapor AA.
AV - for Automated Cold Vapor AA.
AS - for Semi-Automated Spectrophotometric
C - for Manual Spectrophotometric
T - for Titrimetric.
NR - if the analyte is not required to be analyzed.

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LABORATORY TEST RESULTS

Job Number: 236704 Date: 06/07/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: B18H-550FO (22-24')
Date Sampled.....: 05/27/2004
Time Sampled.....: 15:10
Sample Matrix.....: Soil

Laboratory Sample ID: 236704-12
Date Received.....: 05/28/2004
Time Received.....: 07:45

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
EPA 160.3	% Moisture	6.9			0.10	%	06/01/04	ae
EPA 160.3	% Solids	93.1			0.10	%	06/01/04	ae
SW846 8260B	Volatile Organics							
	Chloromethane*	11	U		11	ug/Kg	06/03/04	pcp
	Vinyl chloride*	11	U		11	ug/Kg	06/03/04	pcp
	Bromomethane*	11	U		11	ug/Kg	06/03/04	pcp
	Chloroethane*	11	U		11	ug/Kg	06/03/04	pcp
	1,1-Dichloroethene*	11	U		11	ug/Kg	06/03/04	pcp
	Carbon disulfide*	11	U		11	ug/Kg	06/03/04	pcp
	Acetone*	3.9	J		11	ug/Kg	06/03/04	pcp
	Methylene chloride*	11	U		11	ug/Kg	06/03/04	pcp
	1,1-Dichloroethane*	11	U		11	ug/Kg	06/03/04	pcp
	Vinyl acetate*	11	U		11	ug/Kg	06/03/04	pcp
	2-Butanone (MEK)*	11	U		11	ug/Kg	06/03/04	pcp
	Chloroform*	11	U		11	ug/Kg	06/03/04	pcp
	1,1,1-Trichloroethane*	11	U		11	ug/Kg	06/03/04	pcp
	Carbon tetrachloride*	11	U		11	ug/Kg	06/03/04	pcp
	1,2-Dichloroethene (total)*	11	U		11	ug/Kg	06/03/04	pcp
	Benzene*	11	U		11	ug/Kg	06/03/04	pcp
	1,2-Dichloroethane*	11	U		11	ug/Kg	06/03/04	pcp
	Trichloroethene*	11	U		11	ug/Kg	06/03/04	pcp
	1,2-Dichloropropane*	11	U		11	ug/Kg	06/03/04	pcp
	Bromodichloromethane*	11	U		11	ug/Kg	06/03/04	pcp
	2-Chloroethylvinylether*	11	U		11	ug/Kg	06/03/04	pcp
	cis-1,3-Dichloropropene*	11	U		11	ug/Kg	06/03/04	pcp
	4-Methyl-2-pentanone (MIBK)*	11	U		11	ug/Kg	06/03/04	pcp
	Toluene*	11	U		11	ug/Kg	06/03/04	pcp
	trans-1,3-Dichloropropene*	11	U		11	ug/Kg	06/03/04	pcp
	1,1,2-Trichloroethane*	11	U		11	ug/Kg	06/03/04	pcp
	Tetrachloroethene*	11	U		11	ug/Kg	06/03/04	pcp
	2-Hexanone*	11	U		11	ug/Kg	06/03/04	pcp
	Dibromochloromethane*	11	U		11	ug/Kg	06/03/04	pcp
	Chlorobenzene*	11	U		11	ug/Kg	06/03/04	pcp
	Ethylbenzene*	11	U		11	ug/Kg	06/03/04	pcp
	Styrene*	11	U		11	ug/Kg	06/03/04	pcp
	Bromoform*	11	U		11	ug/Kg	06/03/04	pcp
	1,1,2,2-Tetrachloroethane*	11	U		11	ug/Kg	06/03/04	pcp
	Xylenes (total)*	11	U		11	ug/Kg	06/03/04	pcp
	1,3-Dichlorobenzene*	11	U		11	ug/Kg	06/03/04	pcp
	1,4-Dichlorobenzene*	11	U		11	ug/Kg	06/03/04	pcp
	1,2-Dichlorobenzene*	11	U		11	ug/Kg	06/03/04	pcp

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* In Description = Dry Wgt.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client ID:	B18H-550FO(22-24')	Date Collected:	5/27/2004
STE Lab No.:	236704-12	Date Received:	5/28/2004
Client Name:	CT Male Associates, P.C.	Date Extracted:	
Project Name:	Wright-Malta 02.8049	Date Analyzed:	6/3/2004
% Solid:	93.1	Report Date:	6/8/2004
Matrix:	soil	Column:	DB-624
Sample Wt/Vol.:	5 g	Lab File ID:	X7749.D
Level:	Low	Dilution Factor:	1
Soil Extract Volume:	1 ul	Soil Aliquot Volume:	1 ul

CAS No.	Compound	RT or Scan Number	Estimated Conc ug/kg
	Unknown	24.62	54.0
	Unknown C12H20	24.88	54.0
	Unknown C11H20	25.01	100.0
	Unknown	25.74	59.0
	Unknown C12H22	26.02	100.0
	Unknown C12H20	26.18	43.0
	Unknown C12H20	26.29	53.0
	Unknown C13H22	26.35	71.0
	Unknown CnH2n	26.63	160.0
	Unknown phthalate	26.84	120.0
	Unknown	26.89	110.0
	Tetramethyl-adamantane isomer	27.00	160.0
	Unknown CnH2n	27.25	73.0
	Unknown Hydrocarbon	27.46	160.0
	Unknown	27.54	41.0
	Unknown	28.14	270.0
	Unknown	28.27	160.0
	Unknown	29.19	260.0
	Unknown	29.42	240.0
	Unknown	29.75	350.0
	Unknown	30.12	170.0
	Unknown	31.04	400.0
	Unknown	31.29	53.0
	Unknown	31.79	64.0
	Unknown	31.96	110.0

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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B18H-550FO (22-24)

Lab Name: STL Newburgh Contract:

Lab Code: 10142 Case No.: SAS No.: SDG No.: 236704

Matrix: (soil/water) SOIL Lab Sample ID: 236704-012

Sample wt/vol: 30.08 (g/ml) G Lab File ID: S30004.D

Level: (low/med) LOW Date Received: 5/28/2004

% Moisture: 6.9 decanted:(Y/N) N Date Extracted: 5/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
62759	n-Nitrosodimethylamine		U	360
111-44-4	bis(2-Chloroethyl)ether		U	360
541-73-1	1,3-Dichlorobenzene		U	360
106-46-7	1,4-Dichlorobenzene		U	360
95-50-1	1,2-Dichlorobenzene		U	360
100-51-6	Benzyl alcohol		U	360
108-60-1	2,2'-oxybis(1-Chloropropane)		U	360
67-72-1	Hexachloroethane		U	360
621-64-7	N-Nitroso-di-n-propylamine		U	360
98-95-3	Nitrobenzene		U	360
78-59-1	Isophorone		U	360
111-91-1	bis(2-Chloroethoxy)methane		U	360
120-82-1	1,2,4-Trichlorobenzene		U	360
91-20-3	Naphthalene		U	360
106-47-8	4-Chloroaniline		U	360
87-68-3	Hexachlorobutadiene		U	360
91-57-6	2-Methylnaphthalene		U	360
77-47-4	Hexachlorocyclopentadiene		U	360
91-58-7	2-Chloronaphthalene		U	360
88-74-4	2-Nitroaniline		U	890
208-96-8	Acenaphthylene		U	360
131-11-3	Dimethylphthalate		U	360
606-20-2	2,6-Dinitrotoluene		U	360
83-32-9	Acenaphthene		U	360
99-09-2	3-Nitroaniline		U	890
132-64-9	Dibenzofuran		U	360
121-14-2	2,4-Dinitrotoluene		U	360
86-73-7	Fluorene		U	360
7005-72-3	4-Chlorophenyl-phenylether		U	360
84-66-2	Diethylphthalate		U	360
100-01-6	4-Nitroaniline		U	890
86-30-6	n-Nitrosodiphenylamine (1)		U	360
101-55-3	4-Bromophenyl-phenylether		U	360
118-74-1	Hexachlorobenzene		U	360
85-01-8	Phenanthrene		U	360
120-12-7	Anthracene		U	360
84-74-2	Di-n-butylphthalate		U	360

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1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B18H-550FO (22-24)

Lab Name: STL Newburgh Contract:

Lab Code: 10142 Case No.: SAS No.: SDG No.: 236704

Matrix: (soil/water) SOIL Lab Sample ID: 236704-012

Sample wt/vol: 30.08 (g/ml) G Lab File ID: S30004.D

Level: (low/med) LOW Date Received: 5/28/2004

% Moisture: 6.9 decanted:(Y/N) N Date Extracted: 5/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Units: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RESULT	Q	RL
206-44-0	Fluoranthene		U	360
129-00-0	Pyrene	62	J	360
85-68-7	Butylbenzylphthalate		U	360
91-94-1	3,3'-Dichlorobenzidine		U	360
56-55-3	Benzo(a)anthracene		U	360
218-01-9	Chrysene		U	360
117-81-7	bis(2-Ethylhexyl)phthalate	21	J	360
117-84-0	Di-n-octylphthalate		U	360
205-99-2	Benzo(b)fluoranthene		U	360
207-08-9	Benzo(k)fluoranthene		U	360
50-32-8	Benzo(a)pyrene		U	360
193-39-5	Indeno(1,2,3-cd)pyrene		U	360
53-70-3	Dibenz(a,h)anthracene		U	360
191-24-2	Benzo(g,h,i)perylene		U	360

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B18H-550FO (22-24)

Lab Name: STL Newburgh Contract: _____

Lab Code: 10142 Case No.: _____ SAS No.: _____ SDG No.: 236704

Matrix: (soil/water) SOIL Lab Sample ID: 236704-012

Sample wt/vol: 30.08 (g/ml) G Lab File ID: S30004.D

Level: (low/med) LOW Date Received: 5/28/2004

% Moisture: 6.9 decanted: (Y/N) N Date Extracted: 5/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/2004

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 20 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	11.12	290	J
2.	Unknown	11.83	1000	J
3.	Unknown	11.99	540	J
4.	Unknown	12.18	1500	J
5.	C15H28 isomer	12.40	560	J
6.	C15H28 isomer	12.83	4800	J
7.	C15H28 isomer	12.93	1100	J
8.	Unknown	13.14	1700	J
9.	Unknown	13.25	4700	J
10. 015404-63-4	Naphthalene, decahydro-1,8a-di	13.31	810	JN
11.	Unknown	13.37	1900	J
12. 057289-16-4	2,6-Naphthalenedione, octahydro	13.50	1200	JN
13.	Unknown	13.62	510	J
14.	C14H22O2 isomer	13.79	330	J
15.	Unknown	14.09	2000	J
16.	Unknown	14.17	1400	J
17.	Unknown	14.24	2200	J
18.	Unknown	14.34	750	J
19.	Unknown	14.38	370	J
20.	Unknown CnH2nO2	17.63	650	J

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SEVERN TRENT SERVICES

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PRELIMINARY REPORT

STL – Newburgh 315 Fullerton Avenue Newburgh, NY. 12550 (845) 562-0890

LABORATORY TEST RESULTS

Job Number: 236866 Date: 06/10/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: BLD18-DW1
Date Sampled.....: 06/02/2004
Time Sampled.....: 09:10
Sample Matrix.....: Soil

Laboratory Sample ID: 236866-13
Date Received.....: 06/03/2004
Time Received.....: 07:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 9010B	Cyanide, Total*	1.1	U		1.1	mg/Kg	06/08/04	bg
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	1.8	U		1.8	ug/Kg	06/08/04	ljc
	beta-BHC*	1.8	U		1.8	ug/Kg	06/08/04	ljc
	delta-BHC*	1.8	U		1.8	ug/Kg	06/08/04	ljc
	gamma-BHC (Lindane)*	1.8	U		1.8	ug/Kg	06/08/04	ljc
	Heptachlor*	1.8	U		1.8	ug/Kg	06/08/04	ljc
	Aldrin*	1.8	U		1.8	ug/Kg	06/08/04	ljc
	Heptachlor epoxide*	1.8	U		1.8	ug/Kg	06/08/04	ljc
	Endosulfan I*	3.7	U		3.7	ug/Kg	06/08/04	ljc
	Dieldrin*	3.7	U		3.7	ug/Kg	06/08/04	ljc
	4,4'-DDE*	3.7	U		3.7	ug/Kg	06/08/04	ljc
	Endrin*	3.7	U		3.7	ug/Kg	06/08/04	ljc
	Endosulfan II*	3.7	U		3.7	ug/Kg	06/08/04	ljc
	4,4'-DDD*	3.7	U		3.7	ug/Kg	06/08/04	ljc
	Endosulfan sulfate*	3.7	U		3.7	ug/Kg	06/08/04	ljc
	4,4'-DDT*	3.7	U		3.7	ug/Kg	06/08/04	ljc
	Methoxychlor*	18	U		18	ug/Kg	06/08/04	ljc
	Toxaphene*	37	U		37	ug/Kg	06/08/04	ljc
	Endrin aldehyde*	3.7	U		3.7	ug/Kg	06/08/04	ljc
	Technical Chlordane*	18	U		18	ug/Kg	06/08/04	ljc
SW846 8270C	Semivolatile Organics							
	n-Nitrosodimethylamine*	360	U	U	360	ug/Kg	06/07/04	caw
	Phenol*	360	U	U	360	ug/Kg	06/07/04	caw
	Bis(2-chloroethyl)ether*	360	U	U	360	ug/Kg	06/07/04	caw
	1,3-Dichlorobenzene*	360	U	U	360	ug/Kg	06/07/04	caw
	1,4-Dichlorobenzene*	360	U	U	360	ug/Kg	06/07/04	caw
	1,2-Dichlorobenzene*	360	U	U	360	ug/Kg	06/07/04	caw
	Benzyl alcohol*	360	U	U	360	ug/Kg	06/07/04	caw
	2-Methylphenol (o-cresol)*	360	U	U	360	ug/Kg	06/07/04	caw
	2,2-oxybis (1-chloropropane)*	360	U	U	360	ug/Kg	06/07/04	caw
	n-Nitroso-di-n-propylamine*	360	U	U	360	ug/Kg	06/07/04	caw
	Hexachloroethane*	360	U	U	360	ug/Kg	06/07/04	caw
	4-Methylphenol (m/p-cresol)*	360	U	U	360	ug/Kg	06/07/04	caw
	2-Chlorophenol*	360	U	U	360	ug/Kg	06/07/04	caw
	Nitrobenzene*	360	U	U	360	ug/Kg	06/07/04	caw
	Bis(2-chloroethoxy)methane*	360	U	U	360	ug/Kg	06/07/04	caw
	1,2,4-Trichlorobenzene*	360	U	U	360	ug/Kg	06/07/04	caw
	Isophorone*	360	U	U	360	ug/Kg	06/07/04	caw
	2,4-Dimethylphenol*	360	U	U	360	ug/Kg	06/07/04	caw
	Hexachlorobutadiene*	360	U	U	360	ug/Kg	06/07/04	caw
	Naphthalene*	360	U	U	360	ug/Kg	06/07/04	caw
	2,4-Dichlorophenol*	360	U	U	360	ug/Kg	06/07/04	caw
	4-Chloroaniline*	360	U	U	360	ug/Kg	06/07/04	caw
	2,4,6-Trichlorophenol*	360	U	U	360	ug/Kg	06/07/04	caw
	2,4,5-Trichlorophenol*	910	U	U	910	ug/Kg	06/07/04	caw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236866 Date: 06/10/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: BLD18-DW1
Date Sampled.....: 06/02/2004
Time Sampled.....: 09:10
Sample Matrix.....: Soil

Laboratory Sample ID: 236866-13
Date Received.....: 06/03/2004
Time Received.....: 07:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Hexachlorocyclopentadiene*	360	U	U	360	ug/Kg	06/07/04	caw
	2-Methylnaphthalene*	360	U	U	360	ug/Kg	06/07/04	caw
	2-Nitroaniline*	910	U	U	910	ug/Kg	06/07/04	caw
	2-Chloronaphthalene*	360	U	U	360	ug/Kg	06/07/04	caw
	4-Chloro-3-methylphenol*	360	U	U	360	ug/Kg	06/07/04	caw
	2,6-Dinitrotoluene*	360	U	U	360	ug/Kg	06/07/04	caw
	2-Nitrophenol*	360	U	U	360	ug/Kg	06/07/04	caw
	3-Nitroaniline*	910	U	U	910	ug/Kg	06/07/04	caw
	Dimethyl phthalate*	360	U	U	360	ug/Kg	06/07/04	caw
	2,4-Dinitrophenol*	910	U	U	910	ug/Kg	06/07/04	caw
	Acenaphthylene*	360	U	U	360	ug/Kg	06/07/04	caw
	2,4-Dinitrotoluene*	360	U	U	360	ug/Kg	06/07/04	caw
	Acenaphthene*	360	U	U	360	ug/Kg	06/07/04	caw
	Dibenzofuran*	360	U	U	360	ug/Kg	06/07/04	caw
	4-Nitrophenol*	910	U	U	910	ug/Kg	06/07/04	caw
	Fluorene*	360	U	U	360	ug/Kg	06/07/04	caw
	4-Nitroaniline*	910	U	U	910	ug/Kg	06/07/04	caw
	4-Bromophenyl phenyl ether*	360	U	U	360	ug/Kg	06/07/04	caw
	Hexachlorobenzene*	360	U	U	360	ug/Kg	06/07/04	caw
	Diethyl phthalate*	360	U	U	360	ug/Kg	06/07/04	caw
	4-Chlorophenyl phenyl ether*	360	U	U	360	ug/Kg	06/07/04	caw
	Pentachlorophenol*	910	U	U	910	ug/Kg	06/07/04	caw
	n-Nitrosodiphenylamine*	360	U	U	360	ug/Kg	06/07/04	caw
	4,6-Dinitro-2-methylphenol*	910	U	U	910	ug/Kg	06/07/04	caw
	Phenanthrene*	360	U	U	360	ug/Kg	06/07/04	caw
	Anthracene*	360	U	U	360	ug/Kg	06/07/04	caw
	Di-n-butyl phthalate*	360	U	U	360	ug/Kg	06/07/04	caw
	Fluoranthene*	40	J	J	360	ug/Kg	06/07/04	caw
	Pyrene*	360	U	U	360	ug/Kg	06/07/04	caw
	Butyl benzyl phthalate*	360	U	U	360	ug/Kg	06/07/04	caw
	Benzo(a)anthracene*	360	U	U	360	ug/Kg	06/07/04	caw
	Chrysene*	360	U	U	360	ug/Kg	06/07/04	caw
	3,3-Dichlorobenzidine*	360	U	U	360	ug/Kg	06/07/04	caw
	Bis(2-ethylhexyl)phthalate*	40	J	J	360	ug/Kg	06/07/04	caw
	Di-n-octyl phthalate*	360	U	U	360	ug/Kg	06/07/04	caw
	Benzo(b)fluoranthene*	360	U	U	360	ug/Kg	06/07/04	caw
	Benzo(k)fluoranthene*	360	U	U	360	ug/Kg	06/07/04	caw
	Benzo(a)pyrene*	360	U	U	360	ug/Kg	06/07/04	caw
	Indeno(1,2,3-cd)pyrene*	360	U	U	360	ug/Kg	06/07/04	caw
	Dibenzo(a,h)anthracene*	360	U	U	360	ug/Kg	06/07/04	caw
	Benzo(ghi)perylene*	360	U	U	360	ug/Kg	06/07/04	caw
SW846 8260B	Volatile Organics							
	Chloromethane*	11	U	U	11	ug/Kg	06/04/04	pcp
	Vinyl chloride*	11	U	U	11	ug/Kg	06/04/04	pcp
	Bromomethane*	11	U	U	11	ug/Kg	06/04/04	pcp
	Chloroethane*	11	U	U	11	ug/Kg	06/04/04	pcp
	1,1-Dichloroethene*	11	U	U	11	ug/Kg	06/04/04	pcp
	Carbon disulfide*	11	U	U	11	ug/Kg	06/04/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236866 Date: 06/10/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: BLD18-DW1
Date Sampled.....: 06/02/2004
Time Sampled.....: 09:10
Sample Matrix.....: Soil

Laboratory Sample ID: 236866-13
Date Received.....: 06/03/2004
Time Received.....: 07:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Acetone*	2.4	J	J	11	ug/Kg	06/04/04	pcp
	Methylene chloride*	1.3	J	J	11	ug/Kg	06/04/04	pcp
	1,1-Dichloroethane*	11	U	U	11	ug/Kg	06/04/04	pcp
	Vinyl acetate*	11	U	U	11	ug/Kg	06/04/04	pcp
	2-Butanone (MEK)*	11	U	U	11	ug/Kg	06/04/04	pcp
	Chloroform*	11	U	U	11	ug/Kg	06/04/04	pcp
	1,1,1-Trichloroethane*	11	U	U	11	ug/Kg	06/04/04	pcp
	Carbon tetrachloride*	11	U	U	11	ug/Kg	06/04/04	pcp
	1,2-Dichloroethene (total)*	11	U		11	ug/Kg	06/04/04	pcp
	Benzene*	11	U	U	11	ug/Kg	06/04/04	pcp
	1,2-Dichloroethane*	11	U		11	ug/Kg	06/04/04	pcp
	Trichloroethene*	11	U	U	11	ug/Kg	06/04/04	pcp
	1,2-Dichloropropane*	11	U	U	11	ug/Kg	06/04/04	pcp
	Bromodichloromethane*	11	U	U	11	ug/Kg	06/04/04	pcp
	2-Chloroethylvinylether*	11	U	U	11	ug/Kg	06/04/04	pcp
	cis-1,3-Dichloropropene*	11	U	U	11	ug/Kg	06/04/04	pcp
	4-Methyl-2-pentanone (MIBK)*	11	U	U	11	ug/Kg	06/04/04	pcp
	Toluene*	11	U	U	11	ug/Kg	06/04/04	pcp
	trans-1,3-Dichloropropene*	11	U	U	11	ug/Kg	06/04/04	pcp
	1,1,2-Trichloroethane*	11	U	U	11	ug/Kg	06/04/04	pcp
	Tetrachloroethene*	11	U	U	11	ug/Kg	06/04/04	pcp
	2-Hexanone*	11	U	U	11	ug/Kg	06/04/04	pcp
	Dibromochloromethane*	11	U	U	11	ug/Kg	06/04/04	pcp
	Chlorobenzene*	11	U	U	11	ug/Kg	06/04/04	pcp
	Ethylbenzene*	11	U	U	11	ug/Kg	06/04/04	pcp
	Styrene*	11	U	U	11	ug/Kg	06/04/04	pcp
	Bromoform*	11	U	U	11	ug/Kg	06/04/04	pcp
	1,1,2,2-Tetrachloroethane*	11	U	U	11	ug/Kg	06/04/04	pcp
	Xylenes (total)*	11	U	U	11	ug/Kg	06/04/04	pcp
	1,3-Dichlorobenzene*	11	U	U	11	ug/Kg	06/04/04	pcp
	1,4-Dichlorobenzene*	11	U	U	11	ug/Kg	06/04/04	pcp
	1,2-Dichlorobenzene*	11	U	U	11	ug/Kg	06/04/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236866 Date: 06/10/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: BLD18-550F02 (30-32')
Date Sampled.....: 06/02/2004
Time Sampled.....: 11:20
Sample Matrix.....: Soil

Laboratory Sample ID: 236866-14
Date Received.....: 06/03/2004
Time Received.....: 07:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8270C	Semivolatile Organics							
	n-Nitrosodimethylamine*	350	U	U	350	ug/Kg	06/07/04	caw
	Bis(2-chloroethyl)ether*	350	U	U	350	ug/Kg	06/07/04	caw
	1,3-Dichlorobenzene*	350	U	U	350	ug/Kg	06/07/04	caw
	1,4-Dichlorobenzene*	350	U	U	350	ug/Kg	06/07/04	caw
	1,2-Dichlorobenzene*	350	U	U	350	ug/Kg	06/07/04	caw
	Benzyl alcohol*	350	U	U	350	ug/Kg	06/07/04	caw
	2,2-oxybis (1-chloropropane)*	350	U	U	350	ug/Kg	06/07/04	caw
	n-Nitroso-di-n-propylamine*	350	U	U	350	ug/Kg	06/07/04	caw
	Hexachloroethane*	350	U	U	350	ug/Kg	06/07/04	caw
	Nitrobenzene*	350	U	U	350	ug/Kg	06/07/04	caw
	Bis(2-chloroethoxy)methane*	350	U	U	350	ug/Kg	06/07/04	caw
	1,2,4-Trichlorobenzene*	350	U	U	350	ug/Kg	06/07/04	caw
	Isophorone*	350	U	U	350	ug/Kg	06/07/04	caw
	Hexachlorobutadiene*	350	U	U	350	ug/Kg	06/07/04	caw
	Naphthalene*	350	U	U	350	ug/Kg	06/07/04	caw
	4-Chloroaniline*	350	U	U	350	ug/Kg	06/07/04	caw
	Hexachlorocyclopentadiene*	350	U	U	350	ug/Kg	06/07/04	caw
	2-Methylnaphthalene*	1300			350	ug/Kg	06/07/04	caw
	2-Nitroaniline*	860	U	U	860	ug/Kg	06/07/04	caw
	2-Chloronaphthalene*	350	U	U	350	ug/Kg	06/07/04	caw
	2,6-Dinitrotoluene*	350	U	U	350	ug/Kg	06/07/04	caw
	3-Nitroaniline*	860	U	U	860	ug/Kg	06/07/04	caw
	Dimethyl phthalate*	350	U	U	350	ug/Kg	06/07/04	caw
	Acenaphthylene*	350	U	U	350	ug/Kg	06/07/04	caw
	2,4-Dinitrotoluene*	350	U	U	350	ug/Kg	06/07/04	caw
	Acenaphthene*	350	U	U	350	ug/Kg	06/07/04	caw
	Dibenzofuran*	350	U	U	350	ug/Kg	06/07/04	caw
	Fluorene*	350	U	U	350	ug/Kg	06/07/04	caw
	4-Nitroaniline*	860	U	U	860	ug/Kg	06/07/04	caw
	4-Bromophenyl phenyl ether*	350	U	U	350	ug/Kg	06/07/04	caw
	Hexachlorobenzene*	350	U	U	350	ug/Kg	06/07/04	caw
	Diethyl phthalate*	350	U	U	350	ug/Kg	06/07/04	caw
	4-Chlorophenyl phenyl ether*	350	U	U	350	ug/Kg	06/07/04	caw
	n-Nitrosodiphenylamine*	350	U	U	350	ug/Kg	06/07/04	caw
	Phenanthrene*	1500			350	ug/Kg	06/07/04	caw
	Anthracene*	350	U	U	350	ug/Kg	06/07/04	caw
	Di-n-butyl phthalate*	350	U	U	350	ug/Kg	06/07/04	caw
	Fluoranthene*	110	J	J	350	ug/Kg	06/07/04	caw
	Pyrene*	170	J	J	350	ug/Kg	06/07/04	caw
	Butyl benzyl phthalate*	350	U	U	350	ug/Kg	06/07/04	caw
	Benzo(a)anthracene*	350	U	U	350	ug/Kg	06/07/04	caw
	Chrysene*	350	U	U	350	ug/Kg	06/07/04	caw
	3,3-Dichlorobenzidine*	350	U	U	350	ug/Kg	06/07/04	caw
	Bis(2-ethylhexyl)phthalate*	350	U	U	350	ug/Kg	06/07/04	caw
	Di-n-octyl phthalate*	350	U	U	350	ug/Kg	06/07/04	caw
	Benzo(b)fluoranthene*	350	U	U	350	ug/Kg	06/07/04	caw
	Benzo(k)fluoranthene*	350	U	U	350	ug/Kg	06/07/04	caw
	Benzo(a)pyrene*	350	U	U	350	ug/Kg	06/07/04	caw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236866 Date: 06/10/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: BLD18-550F02 (30-32')
Date Sampled.....: 06/02/2004
Time Sampled.....: 11:20
Sample Matrix.....: Soil

Laboratory Sample ID: 236866-14
Date Received.....: 06/03/2004
Time Received.....: 07:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Indeno(1,2,3-cd)pyrene*	350	U	U	350	ug/Kg	06/07/04	caw
	Dibenzo(a,h)anthracene*	350	U	U	350	ug/Kg	06/07/04	caw
	Benzo(ghi)perylene*	350	U	U	350	ug/Kg	06/07/04	caw
SW846 8260B	Volatile Organics							
	Chloromethane*	11	U	U	11	ug/Kg	06/05/04	pcp
	Vinyl chloride*	11	U	U	11	ug/Kg	06/05/04	pcp
	Bromomethane*	11	U	U	11	ug/Kg	06/05/04	pcp
	Chloroethane*	11	U	U	11	ug/Kg	06/05/04	pcp
	1,1-Dichloroethene*	11	U	U	11	ug/Kg	06/05/04	pcp
	Carbon disulfide*	11	U	U	11	ug/Kg	06/05/04	pcp
	Acetone*	5.4	J	J	11	ug/Kg	06/05/04	pcp
	Methylene chloride*	11	U	U	11	ug/Kg	06/05/04	pcp
	1,1-Dichloroethane*	11	U	U	11	ug/Kg	06/05/04	pcp
	Vinyl acetate*	11	U	U	11	ug/Kg	06/05/04	pcp
	2-Butanone (MEK)*	11	U	U	11	ug/Kg	06/05/04	pcp
	Chloroform*	11	U	U	11	ug/Kg	06/05/04	pcp
	1,1,1-Trichloroethane*	11	U	U	11	ug/Kg	06/05/04	pcp
	Carbon tetrachloride*	11	U	U	11	ug/Kg	06/05/04	pcp
	1,2-Dichloroethene (total)*	11	U		11	ug/Kg	06/05/04	pcp
	Benzene*	11	U	U	11	ug/Kg	06/05/04	pcp
	1,2-Dichloroethane*	11	U		11	ug/Kg	06/05/04	pcp
	Trichloroethene*	11	U	U	11	ug/Kg	06/05/04	pcp
	1,2-Dichloropropane*	11	U	U	11	ug/Kg	06/05/04	pcp
	Bromodichloromethane*	11	U	U	11	ug/Kg	06/05/04	pcp
	2-Chloroethylvinylether*	11	U	U	11	ug/Kg	06/05/04	pcp
	cis-1,3-Dichloropropene*	11	U	U	11	ug/Kg	06/05/04	pcp
	4-Methyl-2-pentanone (MIBK)*	11	U	U	11	ug/Kg	06/05/04	pcp
	Toluene*	11	U	U	11	ug/Kg	06/05/04	pcp
	trans-1,3-Dichloropropene*	11	U	U	11	ug/Kg	06/05/04	pcp
	1,1,2-Trichloroethane*	11	U	U	11	ug/Kg	06/05/04	pcp
	Tetrachloroethene*	11	U	U	11	ug/Kg	06/05/04	pcp
	2-Hexanone*	11	U	U	11	ug/Kg	06/05/04	pcp
	Dibromochloromethane*	11	U	U	11	ug/Kg	06/05/04	pcp
	Chlorobenzene*	11	U	U	11	ug/Kg	06/05/04	pcp
	Ethylbenzene*	11	U	U	11	ug/Kg	06/05/04	pcp
	Styrene*	11	U	U	11	ug/Kg	06/05/04	pcp
	Bromoform*	11	U	U	11	ug/Kg	06/05/04	pcp
	1,1,2,2-Tetrachloroethane*	11	U	U	11	ug/Kg	06/05/04	pcp
	Xylenes (total)*	11	U	U	11	ug/Kg	06/05/04	pcp
	1,3-Dichlorobenzene*	11	U	U	11	ug/Kg	06/05/04	pcp
	1,4-Dichlorobenzene*	11	U	U	11	ug/Kg	06/05/04	pcp
	1,2-Dichlorobenzene*	11	U	U	11	ug/Kg	06/05/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236866 Date: 06/10/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: BLD18-550F02 (30-32')
Date Sampled.....: 06/02/2004
Time Sampled.....: 11:20
Sample Matrix.....: Soil

Laboratory Sample ID: 236866-14
Date Received.....: 06/03/2004
Time Received.....: 07:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8270C	Semivolatile Organics							
	n-Nitrosodimethylamine*	350	U	U	350	ug/Kg	06/08/04	caw
	Bis(2-chloroethyl)ether*	350	U	U	350	ug/Kg	06/08/04	caw
	1,3-Dichlorobenzene*	350	U	U	350	ug/Kg	06/08/04	caw
	1,4-Dichlorobenzene*	350	U	U	350	ug/Kg	06/08/04	caw
	1,2-Dichlorobenzene*	350	U	U	350	ug/Kg	06/08/04	caw
	Benzyl alcohol*	350	U	U	350	ug/Kg	06/08/04	caw
	2,2-oxybis (1-chloropropane)*	350	U	U	350	ug/Kg	06/08/04	caw
	n-Nitroso-di-n-propylamine*	350	U	U	350	ug/Kg	06/08/04	caw
	Hexachloroethane*	350	U	U	350	ug/Kg	06/08/04	caw
	Nitrobenzene*	350	U	U	350	ug/Kg	06/08/04	caw
	Bis(2-chloroethoxy)methane*	350	U	U	350	ug/Kg	06/08/04	caw
	1,2,4-Trichlorobenzene*	350	U	U	350	ug/Kg	06/08/04	caw
	Isophorone*	350	U	U	350	ug/Kg	06/08/04	caw
	Hexachlorobutadiene*	350	U	U	350	ug/Kg	06/08/04	caw
	Naphthalene*	350	U	U	350	ug/Kg	06/08/04	caw
	4-Chloroaniline*	350	U	U	350	ug/Kg	06/08/04	caw
	Hexachlorocyclopentadiene*	350	U	U	350	ug/Kg	06/08/04	caw
	2-Methylnaphthalene*	1400			350	ug/Kg	06/08/04	caw
	2-Nitroaniline*	860	U	U	860	ug/Kg	06/08/04	caw
	2-Chloronaphthalene*	350	U	U	350	ug/Kg	06/08/04	caw
	2,6-Dinitrotoluene*	350	U	U	350	ug/Kg	06/08/04	caw
	3-Nitroaniline*	860	U	U	860	ug/Kg	06/08/04	caw
	Dimethyl phthalate*	350	U	U	350	ug/Kg	06/08/04	caw
	Acenaphthylene*	350	U	U	350	ug/Kg	06/08/04	caw
	2,4-Dinitrotoluene*	350	U	U	350	ug/Kg	06/08/04	caw
	Acenaphthene*	350	U	U	350	ug/Kg	06/08/04	caw
	Dibenzofuran*	350	U	U	350	ug/Kg	06/08/04	caw
	Fluorene*	350	U	U	350	ug/Kg	06/08/04	caw
	4-Nitroaniline*	860	U	U	860	ug/Kg	06/08/04	caw
	4-Bromophenyl phenyl ether*	350	U	U	350	ug/Kg	06/08/04	caw
	Hexachlorobenzene*	350	U	U	350	ug/Kg	06/08/04	caw
	Diethyl phthalate*	350	U	U	350	ug/Kg	06/08/04	caw
	4-Chlorophenyl phenyl ether*	350	U	U	350	ug/Kg	06/08/04	caw
	n-Nitrosodiphenylamine*	350	U	U	350	ug/Kg	06/08/04	caw
	Phenanthrene*	1500			350	ug/Kg	06/08/04	caw
	Anthracene*	350	U	U	350	ug/Kg	06/08/04	caw
	Di-n-butyl phthalate*	350	U	U	350	ug/Kg	06/08/04	caw
	Fluoranthene*	120	J	J	350	ug/Kg	06/08/04	caw
	Pyrene*	180	J	J	350	ug/Kg	06/08/04	caw
	Butyl benzyl phthalate*	350	U	U	350	ug/Kg	06/08/04	caw
	Benzo(a)anthracene*	350	U	U	350	ug/Kg	06/08/04	caw
	Chrysene*	350	U	U	350	ug/Kg	06/08/04	caw
	3,3-Dichlorobenzidine*	350	U	U	350	ug/Kg	06/08/04	caw
	Bis(2-ethylhexyl)phthalate*	350	U	U	350	ug/Kg	06/08/04	caw
	Di-n-octyl phthalate*	350	U	U	350	ug/Kg	06/08/04	caw
	Benzo(b)fluoranthene*	350	U	U	350	ug/Kg	06/08/04	caw
	Benzo(k)fluoranthene*	350	U	U	350	ug/Kg	06/08/04	caw
	Benzo(a)pyrene*	350	U	U	350	ug/Kg	06/08/04	caw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236866 Date: 06/10/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: BLD18-550F02 (30-32')
Date Sampled.....: 06/02/2004
Time Sampled.....: 11:20
Sample Matrix.....: Soil

Laboratory Sample ID: 236866-14
Date Received.....: 06/03/2004
Time Received.....: 07:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Indeno(1,2,3-cd)pyrene*	350	U	U	350	ug/Kg	06/08/04	caw
	Dibenzo(a,h)anthracene*	350	U	U	350	ug/Kg	06/08/04	caw
	Benzo(ghi)perylene*	350	U	U	350	ug/Kg	06/08/04	caw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236866 Date: 06/10/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: Field Duplicate #2
Date Sampled.....: 06/02/2004
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 236866-15
Date Received.....: 06/03/2004
Time Received.....: 07:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8270C	Semivolatile Organics							
	n-Nitrosodimethylamine*	340	U	U	340	ug/Kg	06/08/04	caw
	Bis(2-chloroethyl)ether*	340	U	U	340	ug/Kg	06/08/04	caw
	1,3-Dichlorobenzene*	340	U	U	340	ug/Kg	06/08/04	caw
	1,4-Dichlorobenzene*	340	U	U	340	ug/Kg	06/08/04	caw
	1,2-Dichlorobenzene*	340	U	U	340	ug/Kg	06/08/04	caw
	Benzyl alcohol*	340	U	U	340	ug/Kg	06/08/04	caw
	2,2-oxybis (1-chloropropane)*	340	U	U	340	ug/Kg	06/08/04	caw
	n-Nitroso-di-n-propylamine*	340	U	U	340	ug/Kg	06/08/04	caw
	Hexachloroethane*	340	U	U	340	ug/Kg	06/08/04	caw
	Nitrobenzene*	340	U	U	340	ug/Kg	06/08/04	caw
	Bis(2-chloroethoxy)methane*	340	U	U	340	ug/Kg	06/08/04	caw
	1,2,4-Trichlorobenzene*	340	U	U	340	ug/Kg	06/08/04	caw
	Isophorone*	340	U	U	340	ug/Kg	06/08/04	caw
	Hexachlorobutadiene*	340	U	U	340	ug/Kg	06/08/04	caw
	Naphthalene*	340	U	U	340	ug/Kg	06/08/04	caw
	4-Chloroaniline*	340	U	U	340	ug/Kg	06/08/04	caw
	Hexachlorocyclopentadiene*	340	U	U	340	ug/Kg	06/08/04	caw
	2-Methylnaphthalene*	560			340	ug/Kg	06/08/04	caw
	2-Nitroaniline*	850	U	U	850	ug/Kg	06/08/04	caw
	2-Chloronaphthalene*	340	U	U	340	ug/Kg	06/08/04	caw
	2,6-Dinitrotoluene*	340	U	U	340	ug/Kg	06/08/04	caw
	3-Nitroaniline*	850	U	U	850	ug/Kg	06/08/04	caw
	Dimethyl phthalate*	340	U	U	340	ug/Kg	06/08/04	caw
	Acenaphthylene*	340	U	U	340	ug/Kg	06/08/04	caw
	2,4-Dinitrotoluene*	340	U	U	340	ug/Kg	06/08/04	caw
	Acenaphthene*	340	U	U	340	ug/Kg	06/08/04	caw
	Dibenzofuran*	340	U	U	340	ug/Kg	06/08/04	caw
	Fluorene*	340	U	U	340	ug/Kg	06/08/04	caw
	4-Nitroaniline*	850	U	U	850	ug/Kg	06/08/04	caw
	4-Bromophenyl phenyl ether*	340	U	U	340	ug/Kg	06/08/04	caw
	Hexachlorobenzene*	340	U	U	340	ug/Kg	06/08/04	caw
	Diethyl phthalate*	340	U	U	340	ug/Kg	06/08/04	caw
	4-Chlorophenyl phenyl ether*	340	U	U	340	ug/Kg	06/08/04	caw
	n-Nitrosodiphenylamine*	340	U	U	340	ug/Kg	06/08/04	caw
	Phenanthrene*	620			340	ug/Kg	06/08/04	caw
	Anthracene*	620			340	ug/Kg	06/08/04	caw
	Di-n-butyl phthalate*	340	U	U	340	ug/Kg	06/08/04	caw
	Fluoranthene*	88	J	J	340	ug/Kg	06/08/04	caw
	Pyrene*	150	J	J	340	ug/Kg	06/08/04	caw
	Butyl benzyl phthalate*	340	U	U	340	ug/Kg	06/08/04	caw
	Benzo(a)anthracene*	340	U	U	340	ug/Kg	06/08/04	caw
	Chrysene*	340	U	U	340	ug/Kg	06/08/04	caw
	3,3-Dichlorobenzidine*	340	U	U	340	ug/Kg	06/08/04	caw
	Bis(2-ethylhexyl)phthalate*	340	U	U	340	ug/Kg	06/08/04	caw
	Di-n-octyl phthalate*	340	U	U	340	ug/Kg	06/08/04	caw
	Benzo(b)fluoranthene*	340	U	U	340	ug/Kg	06/08/04	caw
	Benzo(k)fluoranthene*	340	U	U	340	ug/Kg	06/08/04	caw
	Benzo(a)pyrene*	340	U	U	340	ug/Kg	06/08/04	caw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236866 Date: 06/10/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: Field Duplicate #2
Date Sampled.....: 06/02/2004
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 236866-15
Date Received.....: 06/03/2004
Time Received.....: 07:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Indeno(1,2,3-cd)pyrene*	340	U	U	340	ug/Kg	06/08/04	caw
	Dibenzo(a,h)anthracene*	340	U	U	340	ug/Kg	06/08/04	caw
	Benzo(ghi)perylene*	340	U	U	340	ug/Kg	06/08/04	caw
SW846 8260B	Volatile Organics							
	Chloromethane*	10	U	U	10	ug/Kg	06/05/04	pcp
	Vinyl chloride*	10	U	U	10	ug/Kg	06/05/04	pcp
	Bromomethane*	10	U	U	10	ug/Kg	06/05/04	pcp
	Chloroethane*	10	U	U	10	ug/Kg	06/05/04	pcp
	1,1-Dichloroethene*	10	U	U	10	ug/Kg	06/05/04	pcp
	Carbon disulfide*	10	U	U	10	ug/Kg	06/05/04	pcp
	Acetone*	5.1	J	J	10	ug/Kg	06/05/04	pcp
	Methylene chloride*	10	U	U	10	ug/Kg	06/05/04	pcp
	1,1-Dichloroethane*	10	U	U	10	ug/Kg	06/05/04	pcp
	Vinyl acetate*	10	U	U	10	ug/Kg	06/05/04	pcp
	2-Butanone (MEK)*	10	U	U	10	ug/Kg	06/05/04	pcp
	Chloroform*	10	U	U	10	ug/Kg	06/05/04	pcp
	1,1,1-Trichloroethane*	10	U	U	10	ug/Kg	06/05/04	pcp
	Carbon tetrachloride*	10	U	U	10	ug/Kg	06/05/04	pcp
	1,2-Dichloroethene (total)*	10	U		10	ug/Kg	06/05/04	pcp
	Benzene*	10	U	U	10	ug/Kg	06/05/04	pcp
	1,2-Dichloroethane*	10	U		10	ug/Kg	06/05/04	pcp
	Trichloroethene*	10	U	U	10	ug/Kg	06/05/04	pcp
	1,2-Dichloropropane*	10	U	U	10	ug/Kg	06/05/04	pcp
	Bromodichloromethane*	10	U	U	10	ug/Kg	06/05/04	pcp
	2-Chloroethylvinylether*	10	U	U	10	ug/Kg	06/05/04	pcp
	cis-1,3-Dichloropropene*	10	U	U	10	ug/Kg	06/05/04	pcp
	4-Methyl-2-pentanone (MIBK)*	10	U	U	10	ug/Kg	06/05/04	pcp
	Toluene*	10	U	U	10	ug/Kg	06/05/04	pcp
	trans-1,3-Dichloropropene*	10	U	U	10	ug/Kg	06/05/04	pcp
	1,1,2-Trichloroethane*	10	U	U	10	ug/Kg	06/05/04	pcp
	Tetrachloroethene*	10	U	U	10	ug/Kg	06/05/04	pcp
	2-Hexanone*	10	U	U	10	ug/Kg	06/05/04	pcp
	Dibromochloromethane*	10	U	U	10	ug/Kg	06/05/04	pcp
	Chlorobenzene*	10	U	U	10	ug/Kg	06/05/04	pcp
	Ethylbenzene*	10	U	U	10	ug/Kg	06/05/04	pcp
	Styrene*	10	U	U	10	ug/Kg	06/05/04	pcp
	Bromoform*	10	U	U	10	ug/Kg	06/05/04	pcp
	1,1,2,2-Tetrachloroethane*	10	U	U	10	ug/Kg	06/05/04	pcp
	Xylenes (total)*	10	U	U	10	ug/Kg	06/05/04	pcp
	1,3-Dichlorobenzene*	10	U	U	10	ug/Kg	06/05/04	pcp
	1,4-Dichlorobenzene*	10	U	U	10	ug/Kg	06/05/04	pcp
	1,2-Dichlorobenzene*	10	U	U	10	ug/Kg	06/05/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236866 Date: 06/10/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: Field Duplicate #2
Date Sampled.....: 06/02/2004
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 236866-15
Date Received.....: 06/03/2004
Time Received.....: 07:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8270C	Semivolatile Organics							
	n-Nitrosodimethylamine*	340	U	U	340	ug/Kg	06/08/04	caw
	Bis(2-chloroethyl)ether*	340	U	U	340	ug/Kg	06/08/04	caw
	1,3-Dichlorobenzene*	340	U	U	340	ug/Kg	06/08/04	caw
	1,4-Dichlorobenzene*	340	U	U	340	ug/Kg	06/08/04	caw
	1,2-Dichlorobenzene*	340	U	U	340	ug/Kg	06/08/04	caw
	Benzyl alcohol*	340	U	U	340	ug/Kg	06/08/04	caw
	2,2-oxybis (1-chloropropane)*	340	U	U	340	ug/Kg	06/08/04	caw
	n-Nitroso-di-n-propylamine*	340	U	U	340	ug/Kg	06/08/04	caw
	Hexachloroethane*	340	U	U	340	ug/Kg	06/08/04	caw
	Nitrobenzene*	340	U	U	340	ug/Kg	06/08/04	caw
	Bis(2-chloroethoxy)methane*	340	U	U	340	ug/Kg	06/08/04	caw
	1,2,4-Trichlorobenzene*	340	U	U	340	ug/Kg	06/08/04	caw
	Isophorone*	340	U	U	340	ug/Kg	06/08/04	caw
	Hexachlorobutadiene*	340	U	U	340	ug/Kg	06/08/04	caw
	Naphthalene*	340	U	U	340	ug/Kg	06/08/04	caw
	4-Chloroaniline*	340	U	U	340	ug/Kg	06/08/04	caw
	Hexachlorocyclopentadiene*	340	U	U	340	ug/Kg	06/08/04	caw
	2-Methylnaphthalene*	570			340	ug/Kg	06/08/04	caw
	2-Nitroaniline*	850	U	U	850	ug/Kg	06/08/04	caw
	2-Chloronaphthalene*	340	U	U	340	ug/Kg	06/08/04	caw
	2,6-Dinitrotoluene*	340	U	U	340	ug/Kg	06/08/04	caw
	3-Nitroaniline*	850	U	U	850	ug/Kg	06/08/04	caw
	Dimethyl phthalate*	340	U	U	340	ug/Kg	06/08/04	caw
	Acenaphthylene*	340	U	U	340	ug/Kg	06/08/04	caw
	2,4-Dinitrotoluene*	340	U	U	340	ug/Kg	06/08/04	caw
	Acenaphthene*	340	U	U	340	ug/Kg	06/08/04	caw
	Dibenzofuran*	340	U	U	340	ug/Kg	06/08/04	caw
	Fluorene*	340	U	U	340	ug/Kg	06/08/04	caw
	4-Nitroaniline*	850	U	U	850	ug/Kg	06/08/04	caw
	4-Bromophenyl phenyl ether*	340	U	U	340	ug/Kg	06/08/04	caw
	Hexachlorobenzene*	340	U	U	340	ug/Kg	06/08/04	caw
	Diethyl phthalate*	340	U	U	340	ug/Kg	06/08/04	caw
	4-Chlorophenyl phenyl ether*	340	U	U	340	ug/Kg	06/08/04	caw
	n-Nitrosodiphenylamine*	340	U	U	340	ug/Kg	06/08/04	caw
	Phenanthrene*	620			340	ug/Kg	06/08/04	caw
	Anthracene*	340	U	U	340	ug/Kg	06/08/04	caw
	Di-n-butyl phthalate*	340	U	U	340	ug/Kg	06/08/04	caw
	Fluoranthene*	82	J	J	340	ug/Kg	06/08/04	caw
	Pyrene*	160	J	J	340	ug/Kg	06/08/04	caw
	Butyl benzyl phthalate*	340	U	U	340	ug/Kg	06/08/04	caw
	Benzo(a)anthracene*	340	U	U	340	ug/Kg	06/08/04	caw
	Chrysene*	340	U	U	340	ug/Kg	06/08/04	caw
	3,3-Dichlorobenzidine*	340	U	U	340	ug/Kg	06/08/04	caw
	Bis(2-ethylhexyl)phthalate*	340	U	U	340	ug/Kg	06/08/04	caw
	Di-n-octyl phthalate*	340	U	U	340	ug/Kg	06/08/04	caw
	Benzo(b)fluoranthene*	340	U	U	340	ug/Kg	06/08/04	caw
	Benzo(k)fluoranthene*	340	U	U	340	ug/Kg	06/08/04	caw
	Benzo(a)pyrene*	340	U	U	340	ug/Kg	06/08/04	caw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236866 Date: 06/10/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: Field Duplicate #2
Date Sampled.....: 06/02/2004
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 236866-15
Date Received.....: 06/03/2004
Time Received.....: 07:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Indeno(1,2,3-cd)pyrene*	340	U	U	340	ug/Kg	06/08/04	caw
	Dibenzo(a,h)anthracene*	340	U	U	340	ug/Kg	06/08/04	caw
	Benzo(ghi)perylene*	340	U	U	340	ug/Kg	06/08/04	caw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236866 Date: 06/10/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: Equipment Blank #2
Date Sampled.....: 06/02/2004
Time Sampled.....: 11:50
Sample Matrix.....: Water

Laboratory Sample ID: 236866-16
Date Received.....: 06/03/2004
Time Received.....: 07:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SM18 4500CNE	Cyanide, Total	0.0100	U		0.0100	mg/L	06/08/04	bg
SW846 8270C	Semivolatile Organics							
	n-Nitrosodimethylamine	10	U	U	10	ug/L	06/08/04	caw
	Phenol	10	U	U	10	ug/L	06/08/04	caw
	Bis(2-chloroethyl)ether	10	U	U	10	ug/L	06/08/04	caw
	1,3-Dichlorobenzene	10	U	U	10	ug/L	06/08/04	caw
	1,4-Dichlorobenzene	10	U	U	10	ug/L	06/08/04	caw
	1,2-Dichlorobenzene	10	U	U	10	ug/L	06/08/04	caw
	Benzyl alcohol	10	U	U	10	ug/L	06/08/04	caw
	2-Methylphenol (o-cresol)	10	U	U	10	ug/L	06/08/04	caw
	2,2-oxybis (1-chloropropane)	10	U	U	10	ug/L	06/08/04	caw
	n-Nitroso-di-n-propylamine	10	U	U	10	ug/L	06/08/04	caw
	Hexachloroethane	10	U	U	10	ug/L	06/08/04	caw
	4-Methylphenol (m/p-cresol)	10	U	U	10	ug/L	06/08/04	caw
	2-Chlorophenol	10	U	U	10	ug/L	06/08/04	caw
	Nitrobenzene	10	U	U	10	ug/L	06/08/04	caw
	Bis(2-chloroethoxy)methane	10	U	U	10	ug/L	06/08/04	caw
	1,2,4-Trichlorobenzene	10	U	U	10	ug/L	06/08/04	caw
	Isophorone	10	U	U	10	ug/L	06/08/04	caw
	2,4-Dimethylphenol	10	U	U	10	ug/L	06/08/04	caw
	Hexachlorobutadiene	10	U	U	10	ug/L	06/08/04	caw
	Naphthalene	10	U	U	10	ug/L	06/08/04	caw
	2,4-Dichlorophenol	10	U	U	10	ug/L	06/08/04	caw
	4-Chloroaniline	10	U	U	10	ug/L	06/08/04	caw
	2,4,6-Trichlorophenol	10	U	U	10	ug/L	06/08/04	caw
	2,4,5-Trichlorophenol	51	U	U	51	ug/L	06/08/04	caw
	Hexachlorocyclopentadiene	10	U	U	10	ug/L	06/08/04	caw
	2-Methylnaphthalene	10	U	U	10	ug/L	06/08/04	caw
	2-Nitroaniline	25	U	U	25	ug/L	06/08/04	caw
	2-Chloronaphthalene	10	U	U	10	ug/L	06/08/04	caw
	4-Chloro-3-methylphenol	10	U	U	10	ug/L	06/08/04	caw
	2,6-Dinitrotoluene	10	U	U	10	ug/L	06/08/04	caw
	2-Nitrophenol	10	U	U	10	ug/L	06/08/04	caw
	3-Nitroaniline	25	U	U	25	ug/L	06/08/04	caw
	Dimethyl phthalate	10	U	U	10	ug/L	06/08/04	caw
	2,4-Dinitrophenol	25	U	U	25	ug/L	06/08/04	caw
	Acenaphthylene	10	U	U	10	ug/L	06/08/04	caw
	2,4-Dinitrotoluene	10	U	U	10	ug/L	06/08/04	caw
	Acenaphthene	10	U	U	10	ug/L	06/08/04	caw
	Dibenzofuran	10	U	U	10	ug/L	06/08/04	caw
	4-Nitrophenol	25	U	U	25	ug/L	06/08/04	caw
	Fluorene	10	U	U	10	ug/L	06/08/04	caw
	4-Nitroaniline	25	U	U	25	ug/L	06/08/04	caw
	4-Bromophenyl phenyl ether	10	U	U	10	ug/L	06/08/04	caw
	Hexachlorobenzene	10	U	U	10	ug/L	06/08/04	caw
	Diethyl phthalate	10	U	U	10	ug/L	06/08/04	caw
	4-Chlorophenyl phenyl ether	10	U	U	10	ug/L	06/08/04	caw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236866

Date: 06/10/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: Equipmant Blank #2
Date Sampled.....: 06/02/2004
Time Sampled.....: 11:50
Sample Matrix.....: Water

Laboratory Sample ID: 236866-16
Date Received.....: 06/03/2004
Time Received.....: 07:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Pentachlorophenol	25	U	U	25	ug/L	06/08/04	caw
	n-Nitrosodiphenylamine	10	U	U	10	ug/L	06/08/04	caw
	4,6-Dinitro-2-methylphenol	25	U	U	25	ug/L	06/08/04	caw
	Phenanthrene	10	U	U	10	ug/L	06/08/04	caw
	Anthracene	10	U	U	10	ug/L	06/08/04	caw
	Di-n-butyl phthalate	10	U	U	10	ug/L	06/08/04	caw
	Fluoranthene	10	U	U	10	ug/L	06/08/04	caw
	Pyrene	10	U	U	10	ug/L	06/08/04	caw
	Butyl benzyl phthalate	10	U	U	10	ug/L	06/08/04	caw
	Benzo(a)anthracene	10	U	U	10	ug/L	06/08/04	caw
	Chrysene	10	U	U	10	ug/L	06/08/04	caw
	3,3-Dichlorobenzidine	10	U	U	10	ug/L	06/08/04	caw
	Bis(2-ethylhexyl)phthalate	10	U	U	10	ug/L	06/08/04	caw
	Di-n-octyl phthalate	10	U	U	10	ug/L	06/08/04	caw
	Benzo(b)fluoranthene	10	U	U	10	ug/L	06/08/04	caw
	Benzo(k)fluoranthene	10	U	U	10	ug/L	06/08/04	caw
	Benzo(a)pyrene	10	U	U	10	ug/L	06/08/04	caw
	Indeno(1,2,3-cd)pyrene	10	U	U	10	ug/L	06/08/04	caw
	Dibenzo(a,h)anthracene	10	U	U	10	ug/L	06/08/04	caw
	Benzo(ghi)perylene	10	U	U	10	ug/L	06/08/04	caw
SW846 8260B	Volatile Organics							
	Chloromethane	10	U	U	10	ug/L	06/04/04	pcp
	Vinyl chloride	10	U	U	10	ug/L	06/04/04	pcp
	Bromomethane	10	U	U	10	ug/L	06/04/04	pcp
	Chloroethane	10	U	U	10	ug/L	06/04/04	pcp
	1,1-Dichloroethene	10	U	U	10	ug/L	06/04/04	pcp
	Carbon disulfide	10	U	U	10	ug/L	06/04/04	pcp
	Acetone	4.2	J	J	10	ug/L	06/04/04	pcp
	Methylene chloride	0.76	J	J	10	ug/L	06/04/04	pcp
	1,1-Dichloroethane	10	U	U	10	ug/L	06/04/04	pcp
	Vinyl acetate	10	U	U	10	ug/L	06/04/04	pcp
	2-Butanone (MEK)	10	U	U	10	ug/L	06/04/04	pcp
	Chloroform	10	U	U	10	ug/L	06/04/04	pcp
	1,1,1-Trichloroethane	10	U	U	10	ug/L	06/04/04	pcp
	Carbon tetrachloride	10	U	U	10	ug/L	06/04/04	pcp
	1,2-Dichloroethene (total)	10	U		10	ug/L	06/04/04	pcp
	Benzene	10	U	U	10	ug/L	06/04/04	pcp
	1,2-Dichloroethane	10	U		10	ug/L	06/04/04	pcp
	Trichloroethene	10	U	U	10	ug/L	06/04/04	pcp
	1,2-Dichloropropane	10	U	U	10	ug/L	06/04/04	pcp
	Bromodichloromethane	10	U	U	10	ug/L	06/04/04	pcp
	2-Chloroethylvinylether	10	U	U	10	ug/L	06/04/04	pcp
	cis-1,3-Dichloropropene	10	U	U	10	ug/L	06/04/04	pcp
	4-Methyl-2-pentanone (MIBK)	10	U	U	10	ug/L	06/04/04	pcp
	Toluene	10	U	U	10	ug/L	06/04/04	pcp
	trans-1,3-Dichloropropene	10	U	U	10	ug/L	06/04/04	pcp
	1,1,2-Trichloroethane	10	U	U	10	ug/L	06/04/04	pcp
	Tetrachloroethene	10	U	U	10	ug/L	06/04/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236866 Date: 06/10/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: Equipmant Blank #2
Date Sampled.....: 06/02/2004
Time Sampled.....: 11:50
Sample Matrix.....: Water

Laboratory Sample ID: 236866-16
Date Received.....: 06/03/2004
Time Received.....: 07:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	2-Hexanone	10	U	U	10	ug/L	06/04/04	pcp
	Dibromochloromethane	10	U	U	10	ug/L	06/04/04	pcp
	Chlorobenzene	10	U	U	10	ug/L	06/04/04	pcp
	Ethylbenzene	10	U	U	10	ug/L	06/04/04	pcp
	Styrene	10	U	U	10	ug/L	06/04/04	pcp
	Bromoform	10	U	U	10	ug/L	06/04/04	pcp
	1,1,2,2-Tetrachloroethane	10	U	U	10	ug/L	06/04/04	pcp
	Xylenes (total)	10	U	U	10	ug/L	06/04/04	pcp
	1,3-Dichlorobenzene	10	U	U	10	ug/L	06/04/04	pcp
	1,4-Dichlorobenzene	10	U	U	10	ug/L	06/04/04	pcp
	1,2-Dichlorobenzene	10	U	U	10	ug/L	06/04/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236866

Date:06/15/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: BLD18-DW1
Date Sampled.....: 06/02/2004
Time Sampled.....: 09:10
Sample Matrix.....: Soil

Laboratory Sample ID: 236866-13
Date Received.....: 06/03/2004
Time Received.....: 07:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
SW846 7471A	Mercury (Hg)*	0.055	U		0.055	0.055	1	mg/Kg		06/09/04	lms
SW846 6010B	Metals Analysis (ICAP)										
	Aluminum (Al)*	4880			8.4	43.9	1	mg/Kg		06/11/04	mwr
	Antimony (Sb)*	1.3	U	N	1.3	13.2	1	mg/Kg		06/07/04	mad
	Arsenic (As)*	1.8	B		0.42	2.2	1	mg/Kg		06/07/04	mad
	Barium (Ba)*	17.4	B		0.088	43.9	1	mg/Kg		06/11/04	mwr
	Beryllium (Be)*	0.20	B		0.066	1.1	1	mg/Kg		06/07/04	mad
	Cadmium (Cd)*	0.088	U		0.088	1.1	1	mg/Kg		06/07/04	mad
	Calcium (Ca)*	648		*	19.8	110	1	mg/Kg		06/07/04	mad
	Chromium (Cr)*	4.4			0.13	2.2	1	mg/Kg		06/07/04	mad
	Cobalt (Co)*	3.6	B		0.55	11.0	1	mg/Kg		06/07/04	mad
	Copper (Cu)*	8.2		*	0.35	5.5	1	mg/Kg		06/07/04	mad
	Iron (Fe)*	9110			4.1	21.9	1	mg/Kg		06/11/04	mwr
	Lead (Pb)*	3.7		*	0.24	1.1	1	mg/Kg		06/07/04	mad
	Magnesium (Mg)*	1410			1.3	110	1	mg/Kg		06/07/04	mad
	Manganese (Mn)*	201			0.20	2.2	1	mg/Kg		06/07/04	mad
	Nickel (Ni)*	7.3	B		0.37	8.8	1	mg/Kg		06/07/04	mad
	Potassium (K)*	305			9.0	110	1	mg/Kg		06/07/04	mad
	Selenium (Se)*	1.9	U		1.9	2.2	1	mg/Kg		06/07/04	mad
	Sodium (Na)*	28.5	U		28.5	110	1	mg/Kg		06/11/04	mwr
	Silver (Ag)*	0.48	U	N	0.48	2.2	1	mg/Kg		06/07/04	mad
	Thallium (Tl)*	0.72	U	N	0.72	2.2	1	mg/Kg		06/07/04	mad
	Vanadium (V)*	7.5	B		0.50	11.0	1	mg/Kg		06/07/04	mad
	Zinc (Zn)*	21.5			0.86	4.4	1	mg/Kg		06/07/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236866

Date:06/15/2004

CUSTOMER: CT Male Associates, P.C.

PROJECT: WRIGHT-MALTA 02.8049

ATTN: Kirk Moline

Customer Sample ID: Equipment Blank #2
Date Sampled.....: 06/02/2004
Time Sampled.....: 11:50
Sample Matrix.....: Water

Laboratory Sample ID: 236866-16
Date Received.....: 06/03/2004
Time Received.....: 07:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	IDL	RL	DILUTION	UNITS	DT	DATE	TECH
EPA 270.2	Selenium (Se)	1.3	U		1.3	5.0	1	ug/L		06/08/04	mwh
EPA 245.1	Mercury (Hg)	0.40	U		0.40	0.20	1	ug/L		06/09/04	lms
EPA 200.7	Metals Analysis (ICP)										
	Aluminum (Al)	675			38.4	200	1	ug/L		06/11/04	mwr
	Antimony (Sb)	5.8	U	N	5.8	60.0	1	ug/L		06/07/04	mad
	Arsenic (As)	1.9	U		1.9	10.0	1	ug/L		06/07/04	mad
	Barium (Ba)	0.49	B		0.40	200	1	ug/L		06/11/04	mwr
	Beryllium (Be)	0.30	U		0.30	5.0	1	ug/L		06/07/04	mad
	Cadmium (Cd)	0.40	U		0.40	5.0	1	ug/L		06/07/04	mad
	Calcium (Ca)	283	B	*	90.4	5000	1	ug/L		06/07/04	mad
	Chromium (Cr)	0.70	B		0.60	10.0	1	ug/L		06/07/04	mad
	Cobalt (Co)	2.5	U		2.5	50.0	1	ug/L		06/07/04	mad
	Copper (Cu)	3.7	B	*	1.6	25.0	1	ug/L		06/07/04	mad
	Iron (Fe)	347			18.9	100	1	ug/L		06/11/04	mwr
	Lead (Pb)	1.1	U	*	1.1	5.0	1	ug/L		06/07/04	mad
	Magnesium (Mg)	66.1	B		6.0	5000	1	ug/L		06/07/04	mad
	Manganese (Mn)	9.3	B		0.90	10.0	1	ug/L		06/07/04	mad
	Nickel (Ni)	1.7	B		1.7	40.0	1	ug/L		06/07/04	mad
	Potassium (K)	191	B		40.9	5000	1	ug/L		06/07/04	mad
	Silver (Ag)	2.2	U	N	2.2	10.0	1	ug/L		06/07/04	mad
	Sodium (Na)	130	U		130	5000	1	ug/L		06/11/04	mwr
	Thallium (Tl)	3.3	U	N	3.3	10.0	1	ug/L		06/07/04	mad
	Vanadium (V)	2.3	U		2.3	50.0	1	ug/L		06/07/04	mad
	Zinc (Zn)	3.9	U		3.9	20.0	1	ug/L		06/07/04	mad

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236866 Date: 06/15/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: BLD18-DW1
Date Sampled.....: 06/02/2004
Time Sampled.....: 09:10
Sample Matrix.....: Soil

Laboratory Sample ID: 236866-13
Date Received.....: 06/03/2004
Time Received.....: 07:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC*	1.8	U		1.8	ug/Kg	06/08/04	ljc
	beta-BHC*	1.8	U		1.8	ug/Kg	06/08/04	ljc
	delta-BHC*	1.8	U		1.8	ug/Kg	06/08/04	ljc
	gamma-BHC (Lindane)*	1.8	U		1.8	ug/Kg	06/08/04	ljc
	Heptachlor*	1.8	U		1.8	ug/Kg	06/08/04	ljc
	Aldrin*	1.8	U		1.8	ug/Kg	06/08/04	ljc
	Heptachlor epoxide*	1.8	U		1.8	ug/Kg	06/08/04	ljc
	Endosulfan I*	3.7	U		3.7	ug/Kg	06/08/04	ljc
	Dieldrin*	3.7	U		3.7	ug/Kg	06/08/04	ljc
	4,4'-DDE*	3.7	U		3.7	ug/Kg	06/08/04	ljc
	Endrin*	3.7	U		3.7	ug/Kg	06/08/04	ljc
	Endosulfan II*	3.7	U		3.7	ug/Kg	06/08/04	ljc
	4,4'-DDD*	3.7	U		3.7	ug/Kg	06/08/04	ljc
	Endosulfan sulfate*	3.7	U		3.7	ug/Kg	06/08/04	ljc
	4,4'-DDT*	3.7	U		3.7	ug/Kg	06/08/04	ljc
	Methoxychlor*	18	U		18	ug/Kg	06/08/04	ljc
	Toxaphene*	37	U		37	ug/Kg	06/08/04	ljc
	Endrin aldehyde*	3.7	U		3.7	ug/Kg	06/08/04	ljc
	Technical Chlordane*	18	U		18	ug/Kg	06/08/04	ljc
SW846 8082	PCB Analysis							
	Aroclor 1016*	18	U		18	ug/Kg	06/11/04	ljc
	Aroclor 1221*	18	U		18	ug/Kg	06/11/04	ljc
	Aroclor 1232*	18	U		18	ug/Kg	06/11/04	ljc
	Aroclor 1242*	18	U		18	ug/Kg	06/11/04	ljc
	Aroclor 1248*	18	U		18	ug/Kg	06/11/04	ljc
	Aroclor 1254*	37	U		37	ug/Kg	06/11/04	ljc
	Aroclor 1260*	37	U		37	ug/Kg	06/11/04	ljc

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236866 Date: 06/15/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: Equipmant Blank #2
Date Sampled.....: 06/02/2004
Time Sampled.....: 11:50
Sample Matrix.....: Water

Laboratory Sample ID: 236866-16
Date Received.....: 06/03/2004
Time Received.....: 07:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8081A	Organochlorine Pesticide Analysis							
	alpha-BHC	0.051	U		0.051	ug/L	06/10/04	ljc
	beta-BHC	0.051	U		0.051	ug/L	06/10/04	ljc
	delta-BHC	0.051	U		0.051	ug/L	06/10/04	ljc
	gamma-BHC (Lindane)	0.051	U		0.051	ug/L	06/10/04	ljc
	Heptachlor	0.051	U		0.051	ug/L	06/10/04	ljc
	Aldrin	0.051	U		0.051	ug/L	06/10/04	ljc
	Heptachlor epoxide	0.051	U		0.051	ug/L	06/10/04	ljc
	Endosulfan I	0.10	U		0.10	ug/L	06/10/04	ljc
	Dieldrin	0.10	U		0.10	ug/L	06/10/04	ljc
	4,4'-DDE	0.10	U		0.10	ug/L	06/10/04	ljc
	Endrin	0.10	U		0.10	ug/L	06/10/04	ljc
	Endosulfan II	0.10	U		0.10	ug/L	06/10/04	ljc
	4,4'-DDD	0.10	U		0.10	ug/L	06/10/04	ljc
	Endosulfan sulfate	0.10	U		0.10	ug/L	06/10/04	ljc
	4,4'-DDT	0.10	U		0.10	ug/L	06/10/04	ljc
	Methoxychlor	0.051	U		0.051	ug/L	06/10/04	ljc
	Toxaphene	1.0	U		1.0	ug/L	06/10/04	ljc
	Endrin aldehyde	0.10	U		0.10	ug/L	06/10/04	ljc
	Technical Chlordane	0.51	U		0.51	ug/L	06/10/04	ljc
SW846 8082	PCB Analysis							
	Aroclor 1016	0.51	U		0.51	ug/L	06/10/04	ljc
	Aroclor 1221	0.51	U		0.51	ug/L	06/10/04	ljc
	Aroclor 1232	0.51	U		0.51	ug/L	06/10/04	ljc
	Aroclor 1242	0.51	U		0.51	ug/L	06/10/04	ljc
	Aroclor 1248	0.51	U		0.51	ug/L	06/10/04	ljc
	Aroclor 1254	1.0	U		1.0	ug/L	06/10/04	ljc
	Aroclor 1260	1.0	U		1.0	ug/L	06/10/04	ljc

* In Description = Dry Wgt.

SEVERN TRENT SERVICES

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PRELIMINARY REPORT

STL – Newburgh 315 Fullerton Avenue Newburgh, NY. 12550 (845) 562-0890

SAMPLE INFORMATION
Date: 06/11/2004

Job Number.: 236917
Customer...: CT Male Associates, P.C.
Attn.....: Kirk Moline

Project Number.....: 20001332
Customer Project ID....: WRIGHT-MALTA 02.8049
Project Description....: Luther Forest Tech Park

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
236917-1	Equipment Blank (Wells)	Water	06/03/2004	09:10	06/04/2004	07:30
236917-2	BLD18-550FO2	Water	06/03/2004	09:15	06/04/2004	07:30
236917-3	Trip Blank	Water	06/03/2004	00:00	06/04/2004	07:30
236917-4	BLD5A-550FO	Water	06/03/2004	10:10	06/04/2004	07:30
236917-5	Duplicate (Wells)	Water	06/03/2004	00:00	06/04/2004	07:30
236917-6	BLD25H-UST	Water	06/03/2004	11:10	06/04/2004	07:30

LABORATORY TEST RESULTS

Job Number: 236917 Date: 06/11/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: Equipment Blank (Wells)
Date Sampled.....: 06/03/2004
Time Sampled.....: 09:10
Sample Matrix.....: Water

Laboratory Sample ID: 236917-1
Date Received.....: 06/04/2004
Time Received.....: 07:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8270C	Semivolatile Organics							
	n-Nitrosodimethylamine	10	U	U	10	ug/L	06/08/04	caw
	Bis(2-chloroethyl)ether	10	U	U	10	ug/L	06/08/04	caw
	1,3-Dichlorobenzene	10	U	U	10	ug/L	06/08/04	caw
	1,4-Dichlorobenzene	10	U	U	10	ug/L	06/08/04	caw
	1,2-Dichlorobenzene	10	U	U	10	ug/L	06/08/04	caw
	Benzyl alcohol	10	U	U	10	ug/L	06/08/04	caw
	2,2-oxybis (1-chloropropane)	10	U	U	10	ug/L	06/08/04	caw
	n-Nitroso-di-n-propylamine	10	U	U	10	ug/L	06/08/04	caw
	Hexachloroethane	10	U	U	10	ug/L	06/08/04	caw
	Nitrobenzene	10	U	U	10	ug/L	06/08/04	caw
	Bis(2-chloroethoxy)methane	10	U	U	10	ug/L	06/08/04	caw
	1,2,4-Trichlorobenzene	10	U	U	10	ug/L	06/08/04	caw
	Isophorone	10	U	U	10	ug/L	06/08/04	caw
	Hexachlorobutadiene	10	U	U	10	ug/L	06/08/04	caw
	Naphthalene	10	U	U	10	ug/L	06/08/04	caw
	4-Chloroaniline	10	U	U	10	ug/L	06/08/04	caw
	Hexachlorocyclopentadiene	10	U	U	10	ug/L	06/08/04	caw
	2-Methylnaphthalene	10	U	U	10	ug/L	06/08/04	caw
	2-Nitroaniline	26	U	U	26	ug/L	06/08/04	caw
	2-Chloronaphthalene	10	U	U	10	ug/L	06/08/04	caw
	2,6-Dinitrotoluene	10	U	U	10	ug/L	06/08/04	caw
	3-Nitroaniline	26	U	U	26	ug/L	06/08/04	caw
	Dimethyl phthalate	10	U	U	10	ug/L	06/08/04	caw
	Acenaphthylene	10	U	U	10	ug/L	06/08/04	caw
	2,4-Dinitrotoluene	10	U	U	10	ug/L	06/08/04	caw
	Acenaphthene	10	U	U	10	ug/L	06/08/04	caw
	Dibenzofuran	10	U	U	10	ug/L	06/08/04	caw
	Fluorene	10	U	U	10	ug/L	06/08/04	caw
	4-Nitroaniline	26	U	U	26	ug/L	06/08/04	caw
	4-Bromophenyl phenyl ether	10	U	U	10	ug/L	06/08/04	caw
	Hexachlorobenzene	10	U	U	10	ug/L	06/08/04	caw
	Diethyl phthalate	10	U	U	10	ug/L	06/08/04	caw
	4-Chlorophenyl phenyl ether	10	U	U	10	ug/L	06/08/04	caw
	n-Nitrosodiphenylamine	10	U	U	10	ug/L	06/08/04	caw
	Phenanthrene	10	U	U	10	ug/L	06/08/04	caw
	Anthracene	10	U	U	10	ug/L	06/08/04	caw
	Di-n-butyl phthalate	10	U	U	10	ug/L	06/08/04	caw
	Fluoranthene	10	U	U	10	ug/L	06/08/04	caw
	Pyrene	10	U	U	10	ug/L	06/08/04	caw
	Butyl benzyl phthalate	10	U	U	10	ug/L	06/08/04	caw
	Benzo(a)anthracene	10	U	U	10	ug/L	06/08/04	caw
	Chrysene	10	U	U	10	ug/L	06/08/04	caw
	3,3-Dichlorobenzidine	10	U	U	10	ug/L	06/08/04	caw
	Bis(2-ethylhexyl)phthalate	10	U	U	10	ug/L	06/08/04	caw
	Di-n-octyl phthalate	10	U	U	10	ug/L	06/08/04	caw
	Benzo(b)fluoranthene	10	U	U	10	ug/L	06/08/04	caw
	Benzo(k)fluoranthene	10	U	U	10	ug/L	06/08/04	caw
	Benzo(a)pyrene	10	U	U	10	ug/L	06/08/04	caw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236917 Date: 06/11/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: Equipment Blank (Wells)
Date Sampled.....: 06/03/2004
Time Sampled.....: 09:10
Sample Matrix.....: Water

Laboratory Sample ID: 236917-1
Date Received.....: 06/04/2004
Time Received.....: 07:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Indeno(1,2,3-cd)pyrene	10	U	U	10	ug/L	06/08/04	caw
	Dibenzo(a,h)anthracene	10	U	U	10	ug/L	06/08/04	caw
	Benzo(ghi)perylene	10	U	U	10	ug/L	06/08/04	caw
SW846 8260B	Volatile Organics							
	Chloromethane	10	U		10	ug/L	06/07/04	pcp
	Vinyl chloride	10	U		10	ug/L	06/07/04	pcp
	Bromomethane	10	U		10	ug/L	06/07/04	pcp
	Chloroethane	10	U		10	ug/L	06/07/04	pcp
	1,1-Dichloroethene	10	U		10	ug/L	06/07/04	pcp
	Carbon disulfide	10	U		10	ug/L	06/07/04	pcp
	Acetone	10	U		10	ug/L	06/07/04	pcp
	Methylene chloride	10	U		10	ug/L	06/07/04	pcp
	1,1-Dichloroethane	10	U		10	ug/L	06/07/04	pcp
	Vinyl acetate	10	U		10	ug/L	06/07/04	pcp
	2-Butanone (MEK)	10	U		10	ug/L	06/07/04	pcp
	Chloroform	10	U		10	ug/L	06/07/04	pcp
	1,1,1-Trichloroethane	10	U		10	ug/L	06/07/04	pcp
	Carbon tetrachloride	10	U		10	ug/L	06/07/04	pcp
	1,2-Dichloroethene (total)	10	U		10	ug/L	06/07/04	pcp
	Benzene	10	U		10	ug/L	06/07/04	pcp
	1,2-Dichloroethane	10	U		10	ug/L	06/07/04	pcp
	Trichloroethene	10	U		10	ug/L	06/07/04	pcp
	1,2-Dichloropropane	10	U		10	ug/L	06/07/04	pcp
	Bromodichloromethane	10	U		10	ug/L	06/07/04	pcp
	2-Chloroethylvinylether	10	U		10	ug/L	06/07/04	pcp
	cis-1,3-Dichloropropene	10	U		10	ug/L	06/07/04	pcp
	4-Methyl-2-pentanone (MIBK)	10	U		10	ug/L	06/07/04	pcp
	Toluene	10	U		10	ug/L	06/07/04	pcp
	trans-1,3-Dichloropropene	10	U		10	ug/L	06/07/04	pcp
	1,1,2-Trichloroethane	10	U		10	ug/L	06/07/04	pcp
	Tetrachloroethene	10	U		10	ug/L	06/07/04	pcp
	2-Hexanone	10	U		10	ug/L	06/07/04	pcp
	Dibromochloromethane	10	U		10	ug/L	06/07/04	pcp
	Chlorobenzene	10	U		10	ug/L	06/07/04	pcp
	Ethylbenzene	10	U		10	ug/L	06/07/04	pcp
	Styrene	10	U		10	ug/L	06/07/04	pcp
	Bromoform	10	U		10	ug/L	06/07/04	pcp
	1,1,2,2-Tetrachloroethane	10	U		10	ug/L	06/07/04	pcp
	Xylenes (total)	10	U		10	ug/L	06/07/04	pcp
	1,3-Dichlorobenzene	10	U		10	ug/L	06/07/04	pcp
	1,4-Dichlorobenzene	10	U		10	ug/L	06/07/04	pcp
	1,2-Dichlorobenzene	10	U		10	ug/L	06/07/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236917 Date: 06/11/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: BLD18-550FO2
Date Sampled.....: 06/03/2004
Time Sampled.....: 09:15
Sample Matrix.....: Water

Laboratory Sample ID: 236917-2
Date Received.....: 06/04/2004
Time Received.....: 07:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8270C	Semivolatile Organics							
	n-Nitrosodimethylamine	10	U	U	10	ug/L	06/08/04	caw
	Bis(2-chloroethyl)ether	10	U	U	10	ug/L	06/08/04	caw
	1,3-Dichlorobenzene	10	U	U	10	ug/L	06/08/04	caw
	1,4-Dichlorobenzene	10	U	U	10	ug/L	06/08/04	caw
	1,2-Dichlorobenzene	10	U	U	10	ug/L	06/08/04	caw
	Benzyl alcohol	10	U	U	10	ug/L	06/08/04	caw
	2,2-oxybis (1-chloropropane)	10	U	U	10	ug/L	06/08/04	caw
	n-Nitroso-di-n-propylamine	10	U	U	10	ug/L	06/08/04	caw
	Hexachloroethane	10	U	U	10	ug/L	06/08/04	caw
	Nitrobenzene	10	U	U	10	ug/L	06/08/04	caw
	Bis(2-chloroethoxy)methane	10	U	U	10	ug/L	06/08/04	caw
	1,2,4-Trichlorobenzene	10	U	U	10	ug/L	06/08/04	caw
	Isophorone	10	U	U	10	ug/L	06/08/04	caw
	Hexachlorobutadiene	10	U	U	10	ug/L	06/08/04	caw
	Naphthalene	39			10	ug/L	06/08/04	caw
	4-Chloroaniline	10	U	U	10	ug/L	06/08/04	caw
	Hexachlorocyclopentadiene	10	U	U	10	ug/L	06/08/04	caw
	2-Methylnaphthalene	210		E	10	ug/L	06/08/04	caw
	2-Nitroaniline	25	U	U	25	ug/L	06/08/04	caw
	2-Chloronaphthalene	10	U	U	10	ug/L	06/08/04	caw
	2,6-Dinitrotoluene	10	U	U	10	ug/L	06/08/04	caw
	3-Nitroaniline	25	U	U	25	ug/L	06/08/04	caw
	Dimethyl phthalate	10	U	U	10	ug/L	06/08/04	caw
	Acenaphthylene	10	U	U	10	ug/L	06/08/04	caw
	2,4-Dinitrotoluene	10	U	U	10	ug/L	06/08/04	caw
	Acenaphthene	3.4	J		10	ug/L	06/08/04	caw
	Dibenzofuran	4.0	J	J	10	ug/L	06/08/04	caw
	Fluorene	3.8	J	J	10	ug/L	06/08/04	caw
	4-Nitroaniline	25	U	U	25	ug/L	06/08/04	caw
	4-Bromophenyl phenyl ether	10	U	U	10	ug/L	06/08/04	caw
	Hexachlorobenzene	10	U	U	10	ug/L	06/08/04	caw
	Diethyl phthalate	10	U	U	10	ug/L	06/08/04	caw
	4-Chlorophenyl phenyl ether	10	U	U	10	ug/L	06/08/04	caw
	n-Nitrosodiphenylamine	10	U	U	10	ug/L	06/08/04	caw
	Phenanthrene	6.0	J	J	10	ug/L	06/08/04	caw
	Anthracene	10	U	U	10	ug/L	06/08/04	caw
	Di-n-butyl phthalate	10	U	U	10	ug/L	06/08/04	caw
	Fluoranthene	10	U	U	10	ug/L	06/08/04	caw
	Pyrene	10	U	U	10	ug/L	06/08/04	caw
	Butyl benzyl phthalate	10	U	U	10	ug/L	06/08/04	caw
	Benzo(a)anthracene	10	U	U	10	ug/L	06/08/04	caw
	Chrysene	10	U	U	10	ug/L	06/08/04	caw
	3,3-Dichlorobenzidine	10	U	U	10	ug/L	06/08/04	caw
	Bis(2-ethylhexyl)phthalate	10	U	U	10	ug/L	06/08/04	caw
	Di-n-octyl phthalate	10	U	U	10	ug/L	06/08/04	caw
	Benzo(b)fluoranthene	10	U	U	10	ug/L	06/08/04	caw
	Benzo(k)fluoranthene	10	U	U	10	ug/L	06/08/04	caw
	Benzo(a)pyrene	10	U	U	10	ug/L	06/08/04	caw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236917 Date: 06/11/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: BLD18-550F02
Date Sampled.....: 06/03/2004
Time Sampled.....: 09:15
Sample Matrix.....: Water

Laboratory Sample ID: 236917-2
Date Received.....: 06/04/2004
Time Received.....: 07:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Indeno(1,2,3-cd)pyrene	10	U	U	10	ug/L	06/08/04	caw
	Dibenzo(a,h)anthracene	10	U	U	10	ug/L	06/08/04	caw
	Benzo(ghi)perylene	10	U	U	10	ug/L	06/08/04	caw
SW846 8260B	Volatile Organics							
	Chloromethane	10	U		10	ug/L	06/07/04	pcp
	Vinyl chloride	10	U		10	ug/L	06/07/04	pcp
	Bromomethane	10	U		10	ug/L	06/07/04	pcp
	Chloroethane	10	U		10	ug/L	06/07/04	pcp
	1,1-Dichloroethene	10	U		10	ug/L	06/07/04	pcp
	Carbon disulfide	10	U		10	ug/L	06/07/04	pcp
	Acetone	5.6	J		10	ug/L	06/07/04	pcp
	Methylene chloride	10	U		10	ug/L	06/07/04	pcp
	1,1-Dichloroethane	10	U		10	ug/L	06/07/04	pcp
	Vinyl acetate	10	U		10	ug/L	06/07/04	pcp
	2-Butanone (MEK)	10	U		10	ug/L	06/07/04	pcp
	Chloroform	10	U		10	ug/L	06/07/04	pcp
	1,1,1-Trichloroethane	10	U		10	ug/L	06/07/04	pcp
	Carbon tetrachloride	10	U		10	ug/L	06/07/04	pcp
	1,2-Dichloroethene (total)	10	U		10	ug/L	06/07/04	pcp
	Benzene	10	U		10	ug/L	06/07/04	pcp
	1,2-Dichloroethane	10	U		10	ug/L	06/07/04	pcp
	Trichloroethene	10	U		10	ug/L	06/07/04	pcp
	1,2-Dichloropropane	10	U		10	ug/L	06/07/04	pcp
	Bromodichloromethane	10	U		10	ug/L	06/07/04	pcp
	2-Chloroethylvinylether	10	U		10	ug/L	06/07/04	pcp
	cis-1,3-Dichloropropene	10	U		10	ug/L	06/07/04	pcp
	4-Methyl-2-pentanone (MIBK)	10	U		10	ug/L	06/07/04	pcp
	Toluene	10	U		10	ug/L	06/07/04	pcp
	trans-1,3-Dichloropropene	10	U		10	ug/L	06/07/04	pcp
	1,1,2-Trichloroethane	10	U		10	ug/L	06/07/04	pcp
	Tetrachloroethene	10	U		10	ug/L	06/07/04	pcp
	2-Hexanone	10	U		10	ug/L	06/07/04	pcp
	Dibromochloromethane	10	U		10	ug/L	06/07/04	pcp
	Chlorobenzene	10	U		10	ug/L	06/07/04	pcp
	Ethylbenzene	10	U		10	ug/L	06/07/04	pcp
	Styrene	10	U		10	ug/L	06/07/04	pcp
	Bromoform	10	U		10	ug/L	06/07/04	pcp
	1,1,2,2-Tetrachloroethane	10	U		10	ug/L	06/07/04	pcp
	Xylenes (total)	8.0	J		10	ug/L	06/07/04	pcp
	1,3-Dichlorobenzene	10	U		10	ug/L	06/07/04	pcp
	1,4-Dichlorobenzene	10	U		10	ug/L	06/07/04	pcp
	1,2-Dichlorobenzene	10	U		10	ug/L	06/07/04	pcp

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236917 Date: 06/11/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: BLD18-550F02
Date Sampled.....: 06/03/2004
Time Sampled.....: 09:15
Sample Matrix.....: Water

Laboratory Sample ID: 236917-2
Date Received.....: 06/04/2004
Time Received.....: 07:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8270C	Semivolatile Organics							
	n-Nitrosodimethylamine	50	U	U	50	ug/L	06/09/04	caw
	Bis(2-chloroethyl)ether	50	U	U	50	ug/L	06/09/04	caw
	1,3-Dichlorobenzene	50	U	U	50	ug/L	06/09/04	caw
	1,4-Dichlorobenzene	50	U	U	50	ug/L	06/09/04	caw
	1,2-Dichlorobenzene	50	U	U	50	ug/L	06/09/04	caw
	Benzyl alcohol	50	U	U	50	ug/L	06/09/04	caw
	2,2-oxybis (1-chloropropane)	50	U	U	50	ug/L	06/09/04	caw
	n-Nitroso-di-n-propylamine	50	U	U	50	ug/L	06/09/04	caw
	Hexachloroethane	50	U	U	50	ug/L	06/09/04	caw
	Nitrobenzene	50	U	U	50	ug/L	06/09/04	caw
	Bis(2-chloroethoxy)methane	50	U	U	50	ug/L	06/09/04	caw
	1,2,4-Trichlorobenzene	50	U	U	50	ug/L	06/09/04	caw
	Isophorone	50	U	U	50	ug/L	06/09/04	caw
	Hexachlorobutadiene	50	U	U	50	ug/L	06/09/04	caw
	Naphthalene	44	J	JD	50	ug/L	06/09/04	caw
	4-Chloroaniline	50	U	U	50	ug/L	06/09/04	caw
	Hexachlorocyclopentadiene	50	U	U	50	ug/L	06/09/04	caw
	2-Methylnaphthalene	220		D	50	ug/L	06/09/04	caw
	2-Nitroaniline	120	U	U	120	ug/L	06/09/04	caw
	2-Chloronaphthalene	50	U	U	50	ug/L	06/09/04	caw
	2,6-Dinitrotoluene	50	U	U	50	ug/L	06/09/04	caw
	3-Nitroaniline	120	U	U	120	ug/L	06/09/04	caw
	Dimethyl phthalate	50	U	U	50	ug/L	06/09/04	caw
	Acenaphthylene	50	U	U	50	ug/L	06/09/04	caw
	2,4-Dinitrotoluene	50	U	U	50	ug/L	06/09/04	caw
	Acenaphthene	50	U	U	50	ug/L	06/09/04	caw
	Dibenzofuran	50	U	U	50	ug/L	06/09/04	caw
	Fluorene	50	U	U	50	ug/L	06/09/04	caw
	4-Nitroaniline	120	U	U	120	ug/L	06/09/04	caw
	4-Bromophenyl phenyl ether	50	U	U	50	ug/L	06/09/04	caw
	Hexachlorobenzene	50	U	U	50	ug/L	06/09/04	caw
	Diethyl phthalate	50	U	U	50	ug/L	06/09/04	caw
	4-Chlorophenyl phenyl ether	50	U	U	50	ug/L	06/09/04	caw
	n-Nitrosodiphenylamine	50	U	U	50	ug/L	06/09/04	caw
	Phenanthrene	6.4	J	JD	50	ug/L	06/09/04	caw
	Anthracene	50	U	U	50	ug/L	06/09/04	caw
	Di-n-butyl phthalate	50	U	U	50	ug/L	06/09/04	caw
	Fluoranthene	50	U	U	50	ug/L	06/09/04	caw
	Pyrene	50	U	U	50	ug/L	06/09/04	caw
	Butyl benzyl phthalate	50	U	U	50	ug/L	06/09/04	caw
	Benzo(a)anthracene	50	U	U	50	ug/L	06/09/04	caw
	Chrysene	50	U	U	50	ug/L	06/09/04	caw
	3,3-Dichlorobenzidine	50	U	U	50	ug/L	06/09/04	caw
	Bis(2-ethylhexyl)phthalate	50	U	U	50	ug/L	06/09/04	caw
	Di-n-octyl phthalate	50	U	U	50	ug/L	06/09/04	caw
	Benzo(b)fluoranthene	50	U	U	50	ug/L	06/09/04	caw
	Benzo(k)fluoranthene	50	U	U	50	ug/L	06/09/04	caw
	Benzo(a)pyrene	50	U	U	50	ug/L	06/09/04	caw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236917 Date: 06/11/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: BLD18-550F02
Date Sampled.....: 06/03/2004
Time Sampled.....: 09:15
Sample Matrix.....: Water

Laboratory Sample ID: 236917-2
Date Received.....: 06/04/2004
Time Received.....: 07:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Indeno(1,2,3-cd)pyrene	50	U	U	50	ug/L	06/09/04	caw
	Dibenzo(a,h)anthracene	50	U	U	50	ug/L	06/09/04	caw
	Benzo(ghi)perylene	50	U	U	50	ug/L	06/09/04	caw

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 236917 Date: 06/11/2004

CUSTOMER: CT Male Associates, P.C. PROJECT: WRIGHT-MALTA 02.8049 ATTN: Kirk Moline

Customer Sample ID: Trip Blank
Date Sampled.....: 06/03/2004
Time Sampled.....: 00:00
Sample Matrix.....: Water

Laboratory Sample ID: 236917-3
Date Received.....: 06/04/2004
Time Received.....: 07:30

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 8260B	Volatile Organics							
	Chloromethane	10	U		10	ug/L	06/07/04	pcp
	Vinyl chloride	10	U		10	ug/L	06/07/04	pcp
	Bromomethane	10	U		10	ug/L	06/07/04	pcp
	Chloroethane	10	U		10	ug/L	06/07/04	pcp
	1,1-Dichloroethene	10	U		10	ug/L	06/07/04	pcp
	Carbon disulfide	10	U		10	ug/L	06/07/04	pcp
	Acetone	10	U		10	ug/L	06/07/04	pcp
	Methylene chloride	10	U		10	ug/L	06/07/04	pcp
	1,1-Dichloroethane	10	U		10	ug/L	06/07/04	pcp
	Vinyl acetate	10	U		10	ug/L	06/07/04	pcp
	2-Butanone (MEK)	10	U		10	ug/L	06/07/04	pcp
	Chloroform	10	U		10	ug/L	06/07/04	pcp
	1,1,1-Trichloroethane	10	U		10	ug/L	06/07/04	pcp
	Carbon tetrachloride	10	U		10	ug/L	06/07/04	pcp
	1,2-Dichloroethene (total)	10	U		10	ug/L	06/07/04	pcp
	Benzene	10	U		10	ug/L	06/07/04	pcp
	1,2-Dichloroethane	10	U		10	ug/L	06/07/04	pcp
	Trichloroethene	10	U		10	ug/L	06/07/04	pcp
	1,2-Dichloropropane	10	U		10	ug/L	06/07/04	pcp
	Bromodichloromethane	10	U		10	ug/L	06/07/04	pcp
	2-Chloroethylvinylether	10	U		10	ug/L	06/07/04	pcp
	cis-1,3-Dichloropropene	10	U		10	ug/L	06/07/04	pcp
	4-Methyl-2-pentanone (MIBK)	10	U		10	ug/L	06/07/04	pcp
	Toluene	10	U		10	ug/L	06/07/04	pcp
	trans-1,3-Dichloropropene	10	U		10	ug/L	06/07/04	pcp
	1,1,2-Trichloroethane	10	U		10	ug/L	06/07/04	pcp
	Tetrachloroethene	10	U		10	ug/L	06/07/04	pcp
	2-Hexanone	10	U		10	ug/L	06/07/04	pcp
	Dibromochloromethane	10	U		10	ug/L	06/07/04	pcp
	Chlorobenzene	10	U		10	ug/L	06/07/04	pcp
	Ethylbenzene	10	U		10	ug/L	06/07/04	pcp
	Styrene	10	U		10	ug/L	06/07/04	pcp
	Bromoform	10	U		10	ug/L	06/07/04	pcp
	1,1,2,2-Tetrachloroethane	10	U		10	ug/L	06/07/04	pcp
	Xylenes (total)	10	U		10	ug/L	06/07/04	pcp
	1,3-Dichlorobenzene	10	U		10	ug/L	06/07/04	pcp
	1,4-Dichlorobenzene	10	U		10	ug/L	06/07/04	pcp
	1,2-Dichlorobenzene	10	U		10	ug/L	06/07/04	pcp

* In Description = Dry Wgt.

APPENDIX E

Ground Penetrating Radar Survey Report

GROUND PENETRATING RADAR SURVEY RESULTS

FOR THE

INVESTIGATION OF :

underground storage tanks, septic tanks, and dry wells

AT:

USA/ Rocket Research Facility
Malta, NY

PREPARED FOR:

C.T. MALE ASSOCIATES, P.C.
LATHAM, NEW YORK

PREPARED BY:

SUB-SURFACE INFORMATIONAL SURVEYS, INC.
143C SHAKER ROAD, SUITE 206
E. LONGMEADOW, MA 01028-0452

May 24-26, 2004

GPR TABLE OF CONTENTS

SUB-SURFACE INFORMATIONAL SURVEYS, INC.

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Web - www.subsurfaceinc.com
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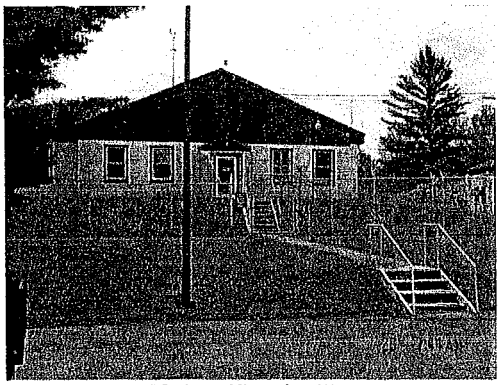
1.0 Introduction

In accordance with your authorization, Sub-Surface Informational Surveys, Inc. (SIS) reports to you the results of ground penetrating radar survey conducted on May 24-26, 2004 at the US Rocket research Facility in the City of Malta, NY. This survey was directed by your approval of SIS quotation #1.2342.04 dated May 7, 2004.

1.1 Purpose and Scope

The purpose of the survey was to investigate for the presence of suspected underground storage tanks, outline of bunkers, utility marking, clearing of proposed boring locations and drywells.



Main office facility

2.0 Geophysical Survey

The geophysical survey was performed by Sub-Surface Informational Surveys, Inc. A transducer operator / supervising GPR technician performed the survey.

2.1 Geophysical Survey Procedures

The depth setting of the GPR survey varied from 5.0' (minimum) to 20.0' (maximum) to locate any existing underground storage tanks, bunker outlines, septic and/or drywells as well as some existing utilities. A traverse grid with a 5.0' minimum spacing was used to conduct the GPR survey in the suspect areas of tanks and 1.0' -3.0' for other anomalies. Typically a 5.0' – 10.0' spacing is sufficient to detect all large capacity UST's (500-gallon or greater) with a high degree of certainty. The varied spacing was used to better define any existing suspected anomalies.

The equipment used to conduct the geophysical survey included GPR equipment which consists of subsurface **interface radar (SIR-3000)** computer manufactured by Geophysical Survey Systems, Inc., power supply, graphic recorder, video display unit and transmitting/receiving antenna. The equipment is known collectively as a **GPR system**. The transmitting/receiving antenna transmits electromagnetic signals into the subsurface and then detects, amplifies and displays reflections of the signal on a graphic recorder and a video display unit. As the antenna is moved slowly across the ground surface or surface of contact, a radar image of the subsurface is produced. The maximum depth of penetration of the GPR signal and the resolution of the reflections are a function of the antenna frequency and the electrical properties of the subsurface. As electrical conductivity of the subsurface increases, GPR signal penetration decreases. GPR reflections are produced by spatial changes in the physical properties of the subsurface (I.e., type of material, presence of any subsurface fluid, and porosity) and related changes in the electrical properties of the subsurface material in the path of the signals. The greater the difference, the stronger the observed GPR reflection.

Characteristics that are considered in the interpretation of GPR data from a given site include the size, shape and amplitude of the reflections. Metallic underground storage tanks, (UST's) utilities and conduits have electrical properties uniquely different from those of the soils in which they are buried. As a result, the GPR reflections are usually of high amplitude and have distinctive shapes. For GPR profiles oriented perpendicular to the long axis of the tanks, the signature is similar to a hyperbola. The signature is also a function of the tank diameter.

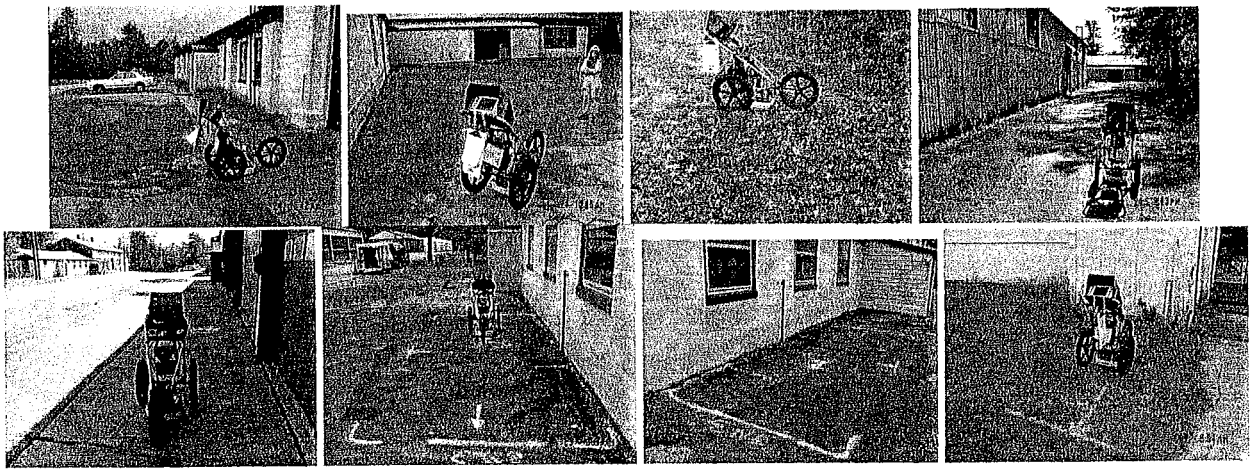
2.2 Geophysical Survey Results

This survey was broken down into three (3) separate days starting with Monday, May 24, 2004. The first day of GPR was governed by the existing rains which was on-and-off during the day. The 2nd and 3rd days started at 0830 and continued within the compound to 1630 hours and other selective work outside of the compound after lockup. Multiple tanks, drywells, bunkers and utilities were found and marked on site at the time of their locations. Paint and flags were used in the field for all of the suspect anomalies when requested by the Project Manager. UST's that were found at the multiple locations were marked on both ends of the anomaly as well as their centerline which gave the orientation of the tank. Bunkers were scanned marking the edges of the walls for the purpose of proposed drilling. The dry wells associated with each of the bunkers were marked in the areas where there appeared to be subtle changes in the subsurface topography. There were also underground utilities in close proximity to the areas of concern which were painted on site. It was not sure that the utilities were active at the time of the survey since there were some reported tanks removed and possibly the piping had been left in place. The hyperbolic features were marked as a safety precaution.

Much of the data view during the collection process showed little or no changes to indicate anomalies of importance. The data that showed specific anomalies was saved in the GPR SIR-3000 hard drive for editing. Attached to this report are a number of Data DZT files which an explanation as part of the Data files. Data File CT16 was the 1st file collected on May 24, 2004 in front of B-23 which represents two conduits running from the front of the building and crossing the asphalt paved access road. Each of the areas of concern was determined by the Project Manager and did not necessarily stay in numerical area by building. The initial areas were scanned in order to stay ahead of the drilling rigs.

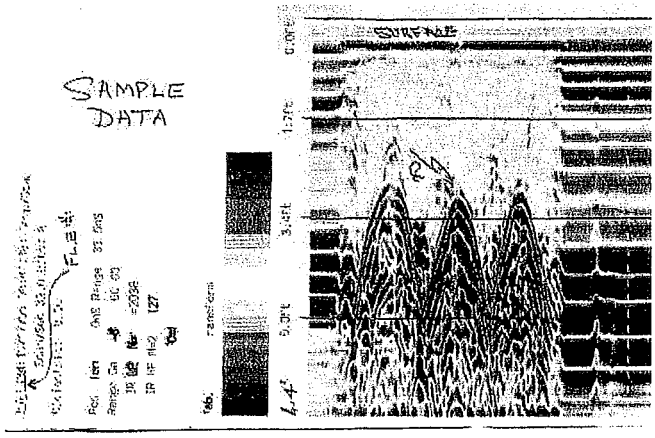
GROUND PENETRATING RADAR SURVEY

Data File CT17 represents a continuous north/south collection of data down the main access road in front of B-17. Most of the asphalt paved roadways were scanned in and around the main areas of concern. Please refer to the attached Data Files which are partial cross-section of the collected data. Photos contained in this report show a multitude of data points and areas of interest.

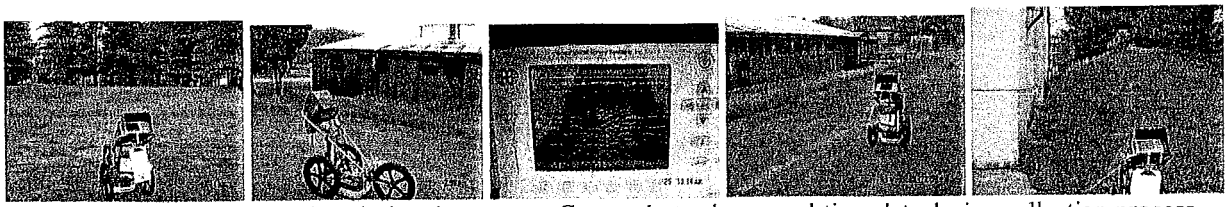


Above photos represent a small portion of the areas completed during the early part of this survey
Several UST's are seen with the ends and centerline painted on site.

ACQUIRED DATA EXPLANATION

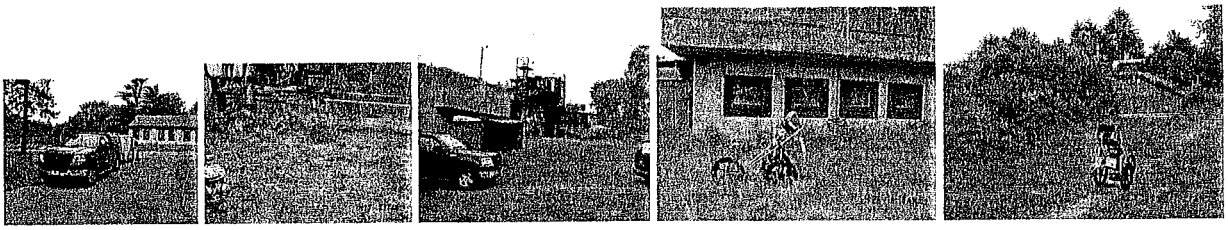


Above represents a sample of data collected by Sub-Surface Informational Surveys, Inc. on October 17, 1999 at a site in the State of Connecticut. It shows three (3) underground storage tanks with a marked centerline. The data FILE# is located on the left tab which also shows the nanosecond (depth) setting, dielectric constant, etc., which is set by our SIR-2000 computer operator. Please match the FILE# on the data with the same FILE# in this report for an explanation of the collected data. NOTE: The above is <u>not</u> part of the data collected for this survey.

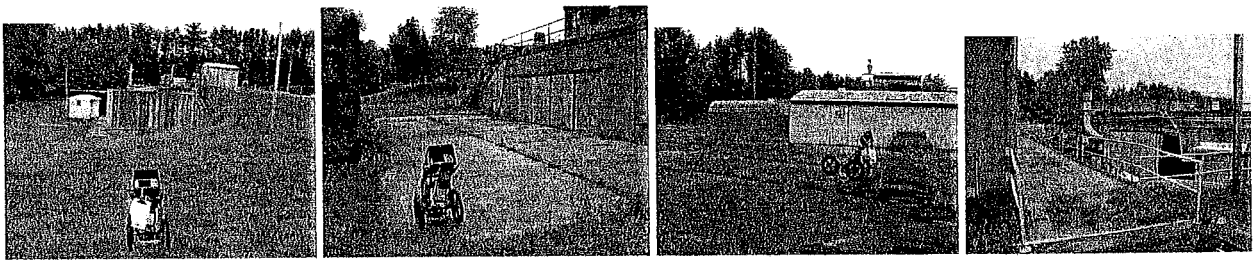


Multiple data points during the survey. Center photo shows real-time data during collection process

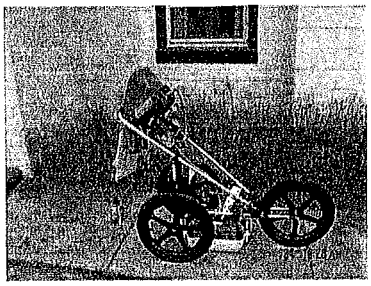
NOTE: Data File CT18-2 shows the three tanks found in the tank farm across from B-28. UST#1 shows a signature of 18' in length X 8' in width; UST#2 – 22' X 8'; UST#3 – 15' X 48"



Multiple buildings both large and small were scanned around all four (4) sides when accessible. The attached photos represent some of the data points as seen above in the photos.



Above represents additional data points around existing structures. Right-hand photo shows no access to the rear of the building. Three (3) sides were scanned.



SIR-3000 GPR Portable unit w/400 MHz antenna

END OF SURVEY

The attached analytical result are copies of GPR Data Files collected in the field and reproduced at our corporate office. After reviewing the data, selected samples are taken and duplicated for this report.

Copies are made under the following guidelines:

A. When there are distinctive differences in the collected data. NOTE: When one traverse is almost identical in characterization to another, only one copy would be reproduced.

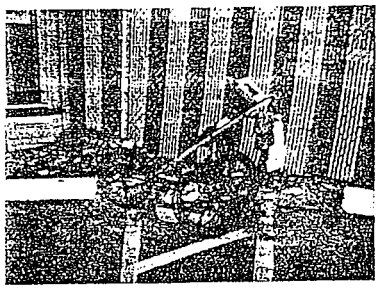
B. If there is a significant difference with suspected anomaly found within the data.

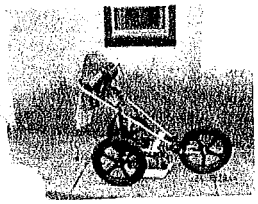
C. In the location of anomalies, such as pipes, and/or conduits, underground storage tanks or other specific characteristics important to the investigation, such data is copied and annotated.

D. Samples of *signal refusal*, (water, clay, or some other highly conductive sub-surface interface).

E. Requested data.

F. Specific locations of rebar and conduits using encoder wheel with measured bench marks.

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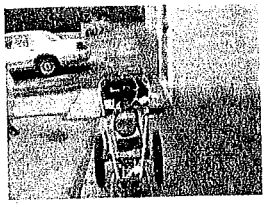
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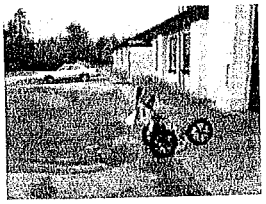
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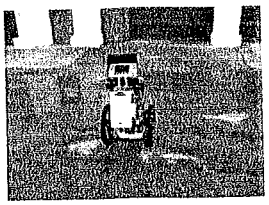
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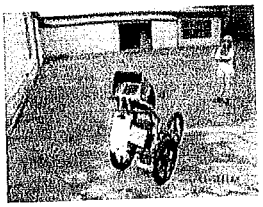
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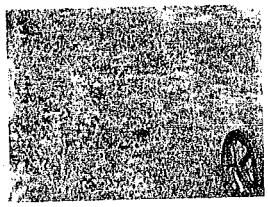
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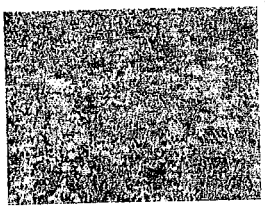
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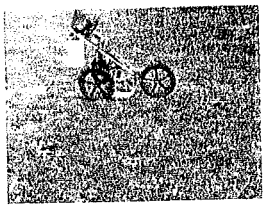
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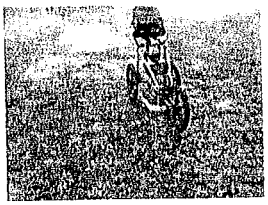
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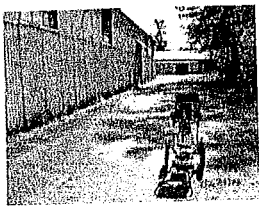
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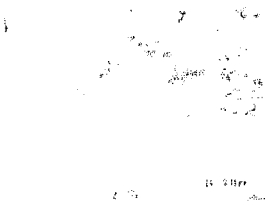
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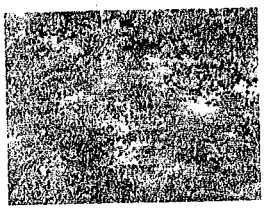
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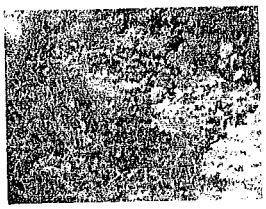
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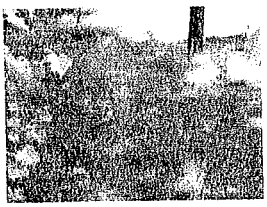
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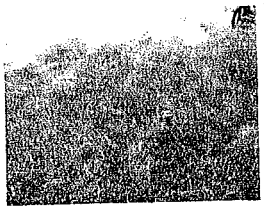
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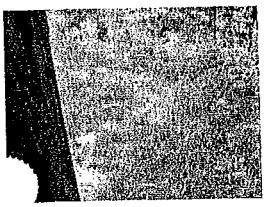
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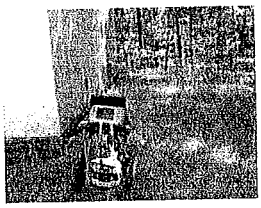
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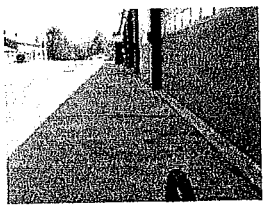
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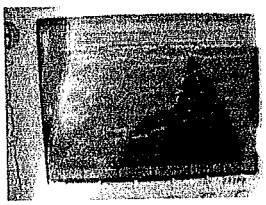
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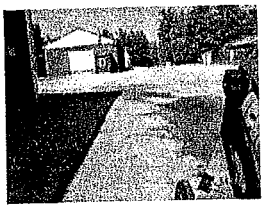
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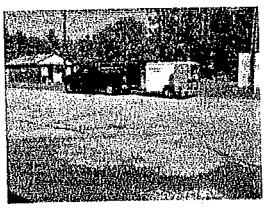
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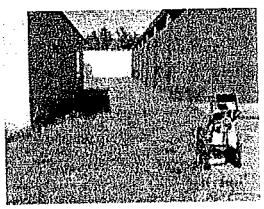
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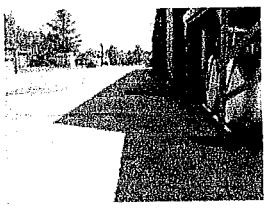
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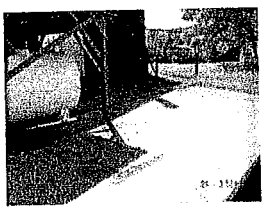
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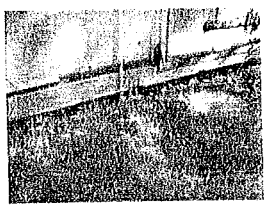
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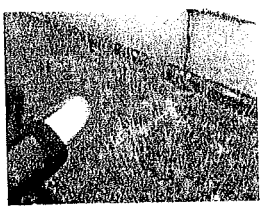
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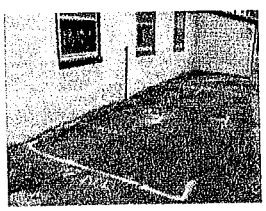
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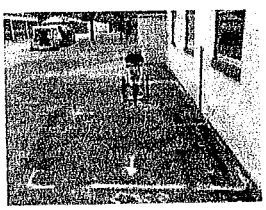
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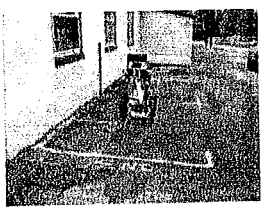
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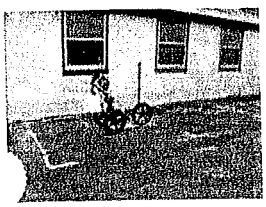
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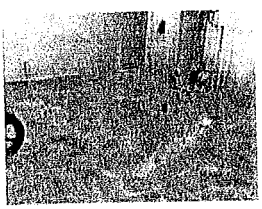
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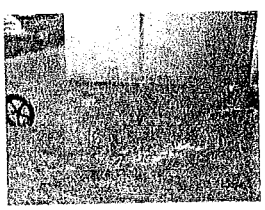
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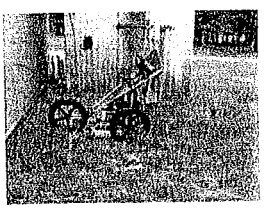
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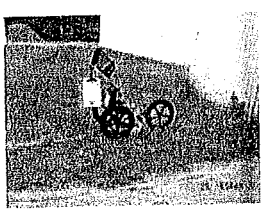
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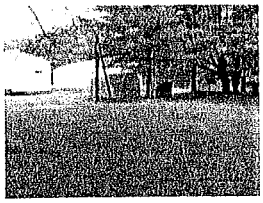
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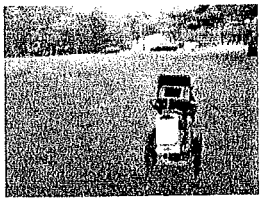
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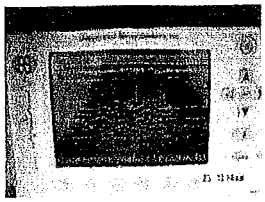
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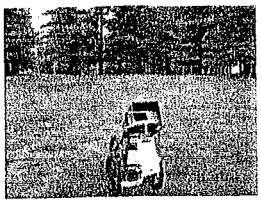
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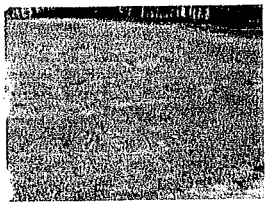
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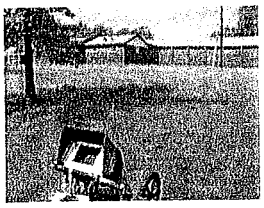
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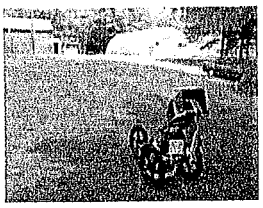
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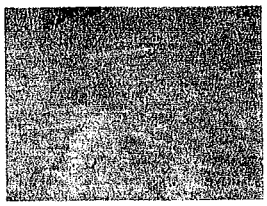
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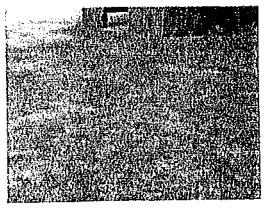
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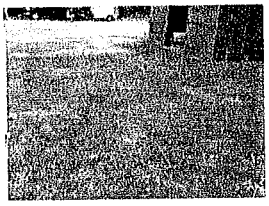
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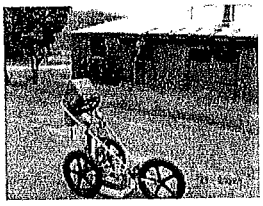
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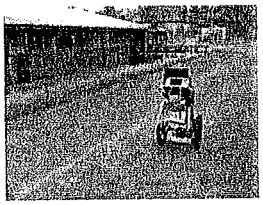
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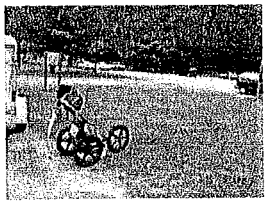
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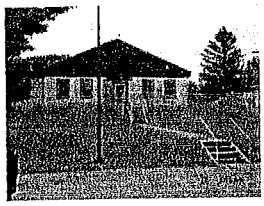
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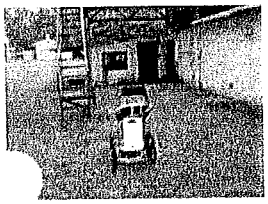
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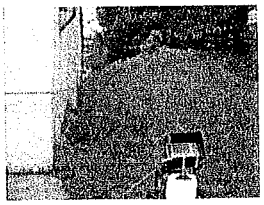
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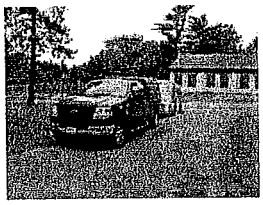
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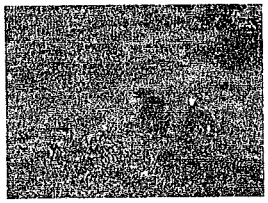
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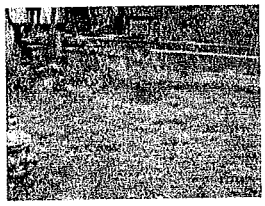
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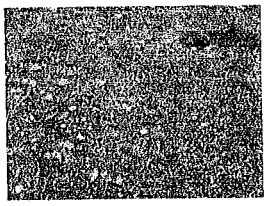
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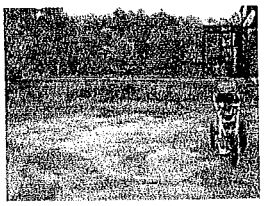
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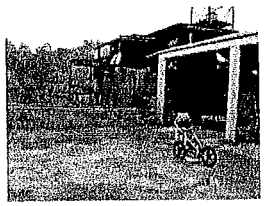
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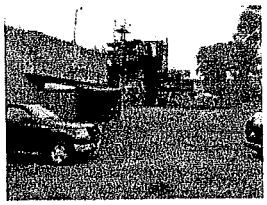
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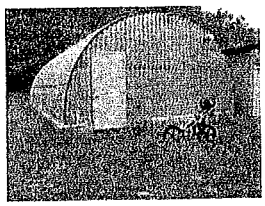
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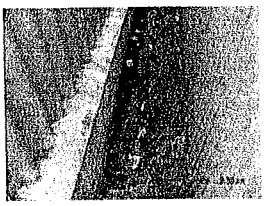
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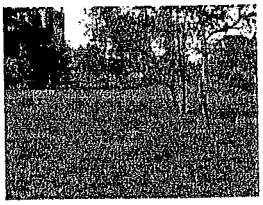
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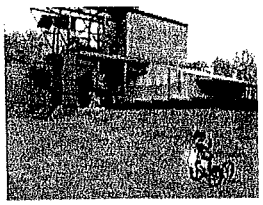
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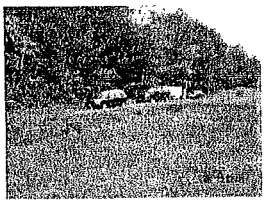
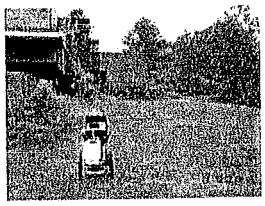

DSC00324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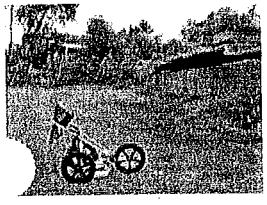
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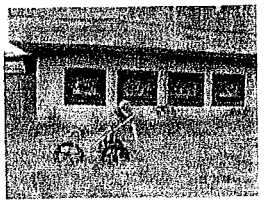
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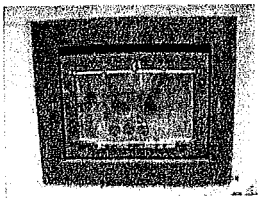
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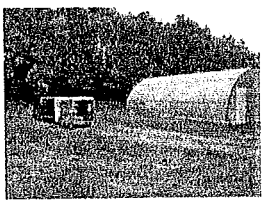
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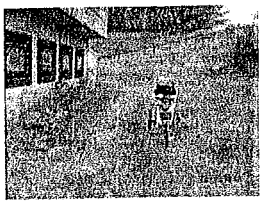
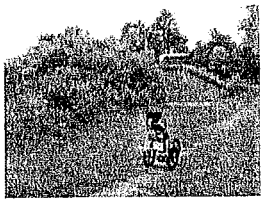

DSC00330


DSC00331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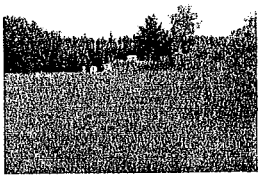
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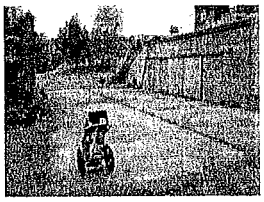
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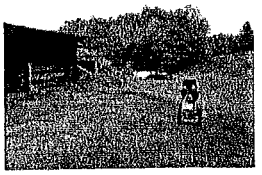
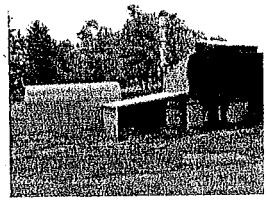

DSC00335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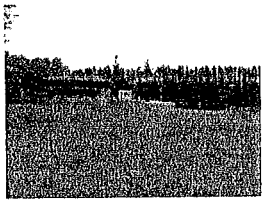
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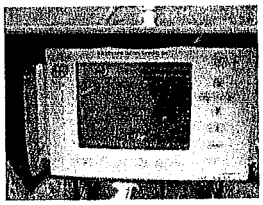
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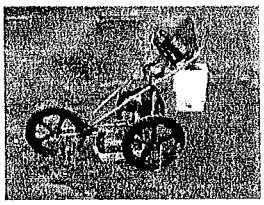
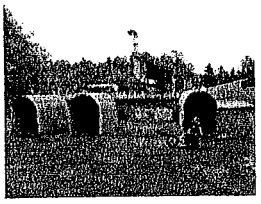
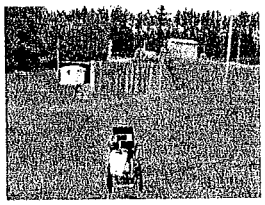
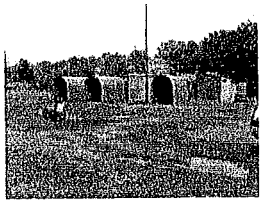
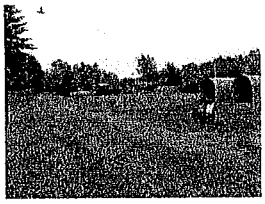

DSC00339

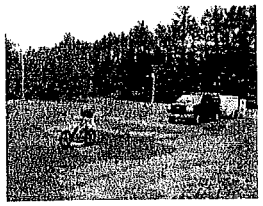

DSC00340

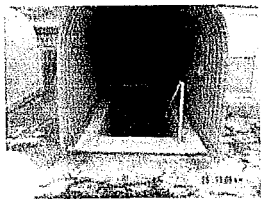

DSC00341

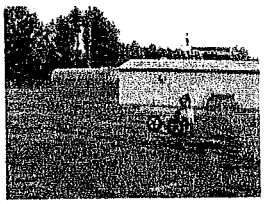

DSC00342


DSC00343


DSC00344


DSC00345


DSC00346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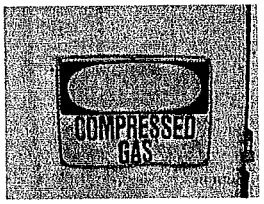
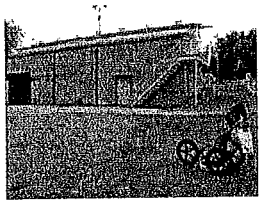


DSC00348


DSC00349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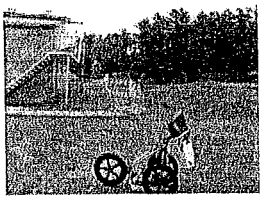
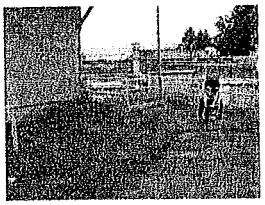
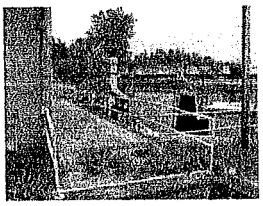
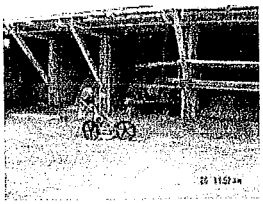
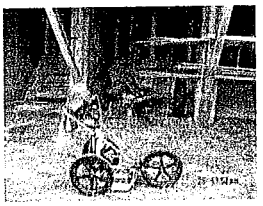
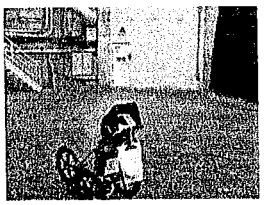

DSC00351


DSC00352


DSC00353


DSC00354


DSC00355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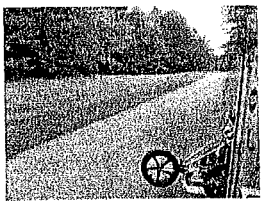
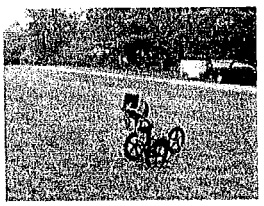
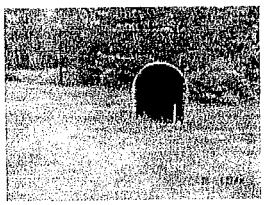
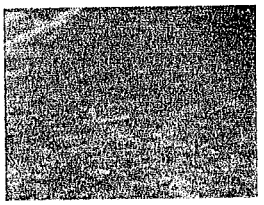
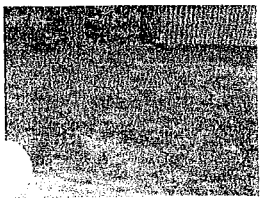
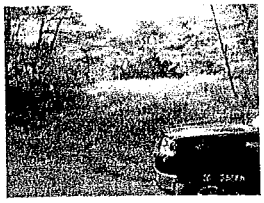

DSC00357


DSC00358

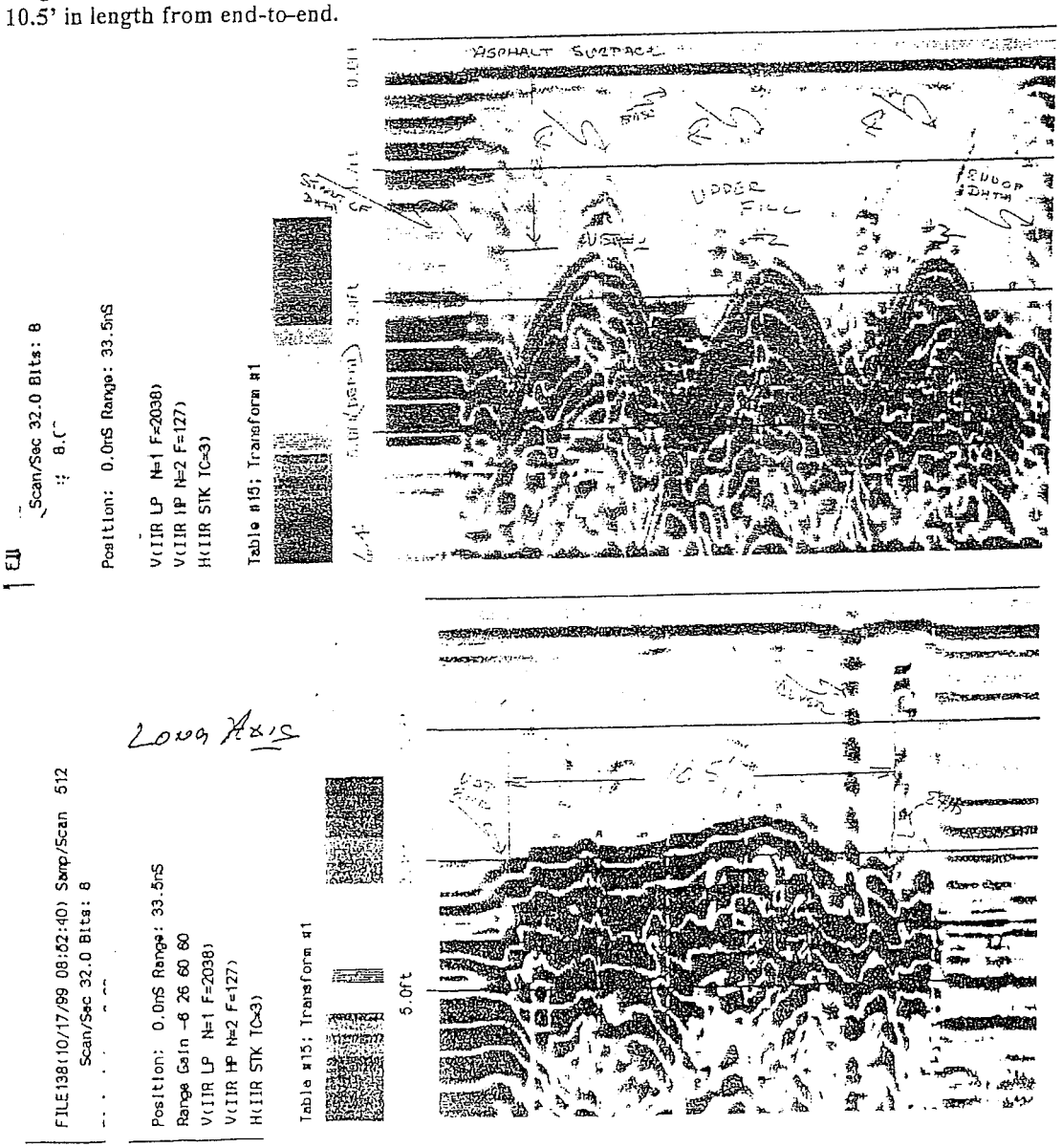

DSC00359


DSC00360


DSC00361


DSC00362

The profiles shown below represent copies of real data collected in the field. Each collected piece of data is issued a FILE# on the information ... to the left of the data. This FILE# is referenced within the report. Each piece of data is annotated from the information collected in the field such as estimated depth, length, direction or any other information that may be helpful to the subsurface investigation. The computer settings such as dielectric values, range in nanoseconds etc., is part of the information tab. The vertical benchmarks indicate points designated on the surface for the purpose of pinpointing a particular anomaly. This is used to estimate sometimes width or length or even distance between surface points such as fence posts, white lines in parking lots, centerlines of vehicles etc. The ↶↷ sign indicates 180 degree change in direction such as from a northerly traverse to a southerly traverse within the same piece of data. The profile below (FILE134) represents a perpendicular traverse over three 1,000g underground storage tanks at approximately 30" below the asphalt surface. The vertical benchmarks represent the centerline of each tank which was marked with marking paint on the surface per customer request. FILE138 is traversing over the long axis of one of the tanks with the vertical benchmarks at 2' intervals. The tank shows a profile of 10.5' in length from end-to-end.



4.0 PROFILE COPIES OBTAINED IN THE FIELD

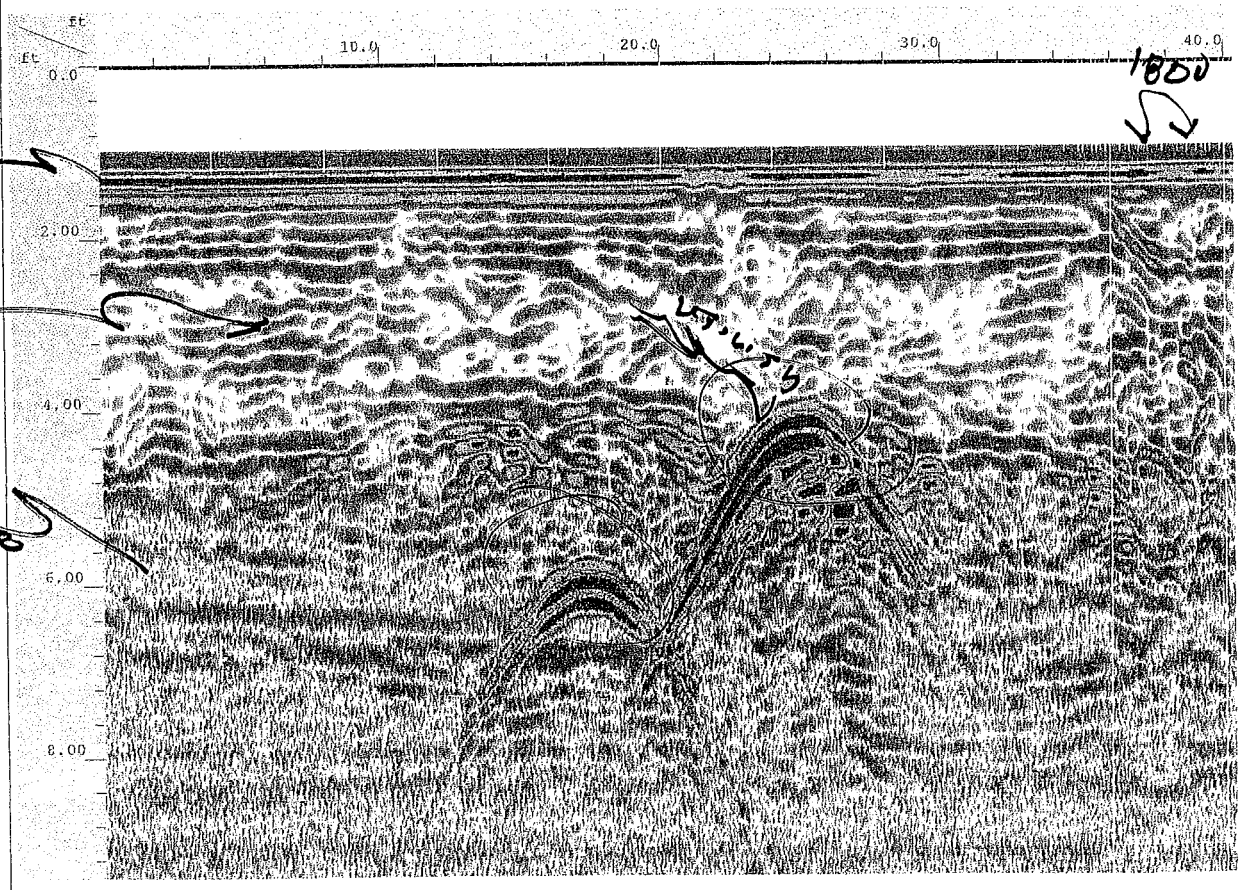
The attached copies are reproductions from data acquired in the field from the GSSI, SIR-2000 Geophysical computer. The original copies are downloaded on a T-104 thermal printer and reproduced on our commercial copier. Photo's are taken by a Sony, DSC-F707 Digital still camera using a 128MB memory stick. The camera has the ability to take pictures in a no-light environment which is useful for inside low light or no light building interiors or during overcast days. The pictures are downloaded in a Photo Suite program and reproduced at 640X480: 0.35 mega pixels. In addition, a disc is supplied with most reports of all the important photo's taken at the survey site. The image size duplicated makes it easy for an e-mail attachment to be sent to your customer.

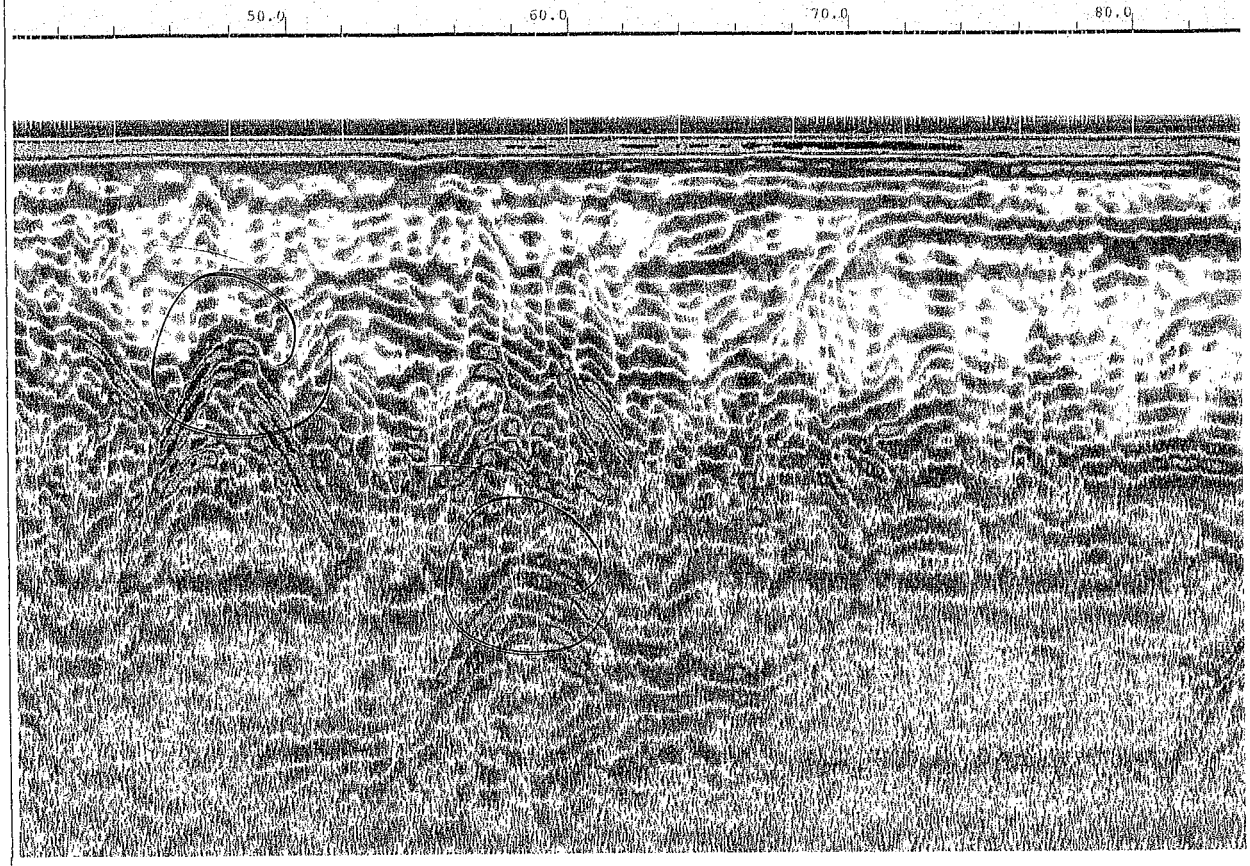
CT16

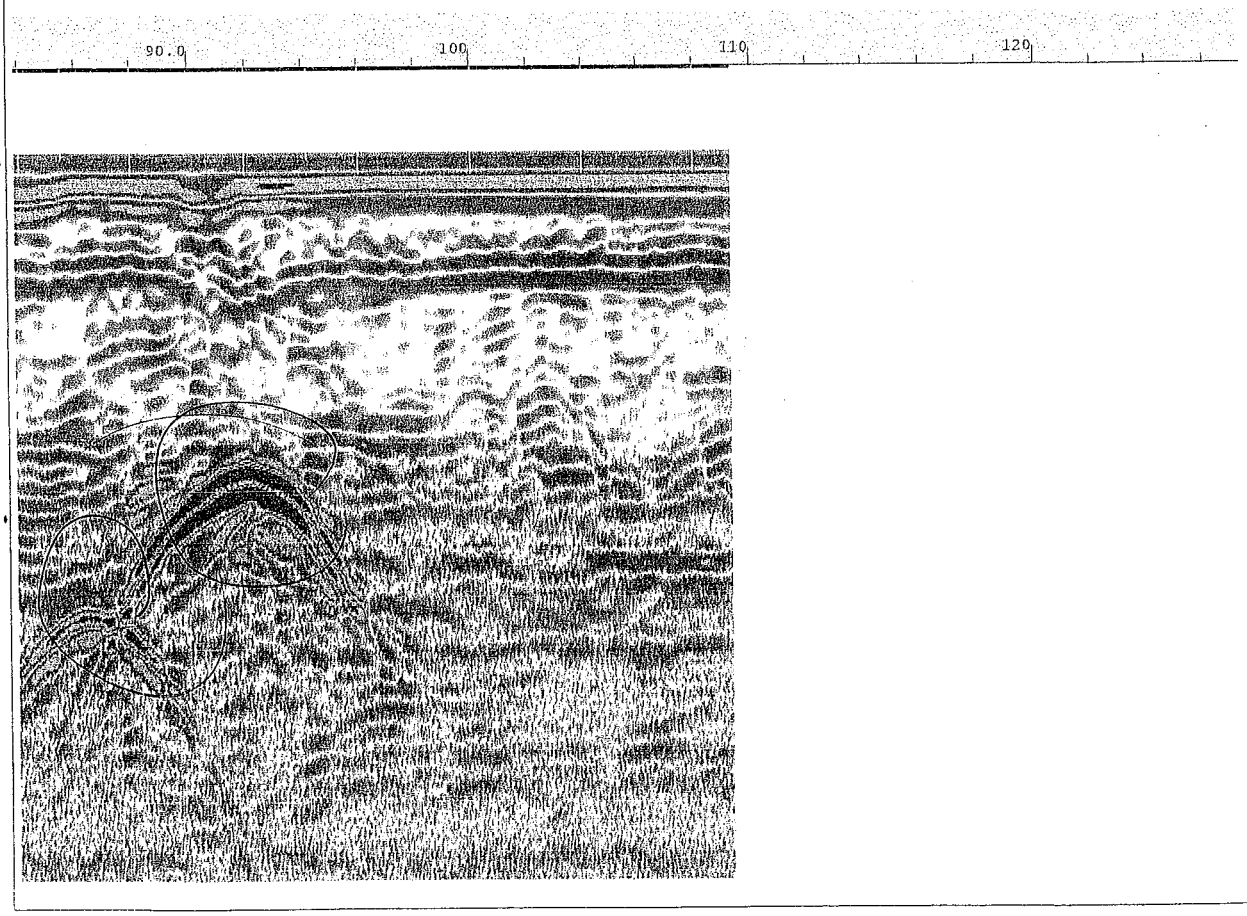
109' of continuous data collected crossing over two underground utilities in front of Building B-23 running in a east/west orientation. These were painted on site on the asphalt.

Created May, 24 2004, 10:20:50 Modified May, 24 2004, 10:22:36
Channel(s) 1 Samples/Scan 512 Bits/Sample 16
Scans/Second 100 Scans/Meter 78.7402 Meters/Mark 1.2192
Diel Constant 7

CHANNEL 1 400MHZ
Position 0 nS Range 53 nS
Vert IIR LP N =1 F =800 MHz
Vert IIR HP N =1 F =100 MHz
Position Correction -0.2 nS
Range Gain (dB) -20.0 41.0 45.0



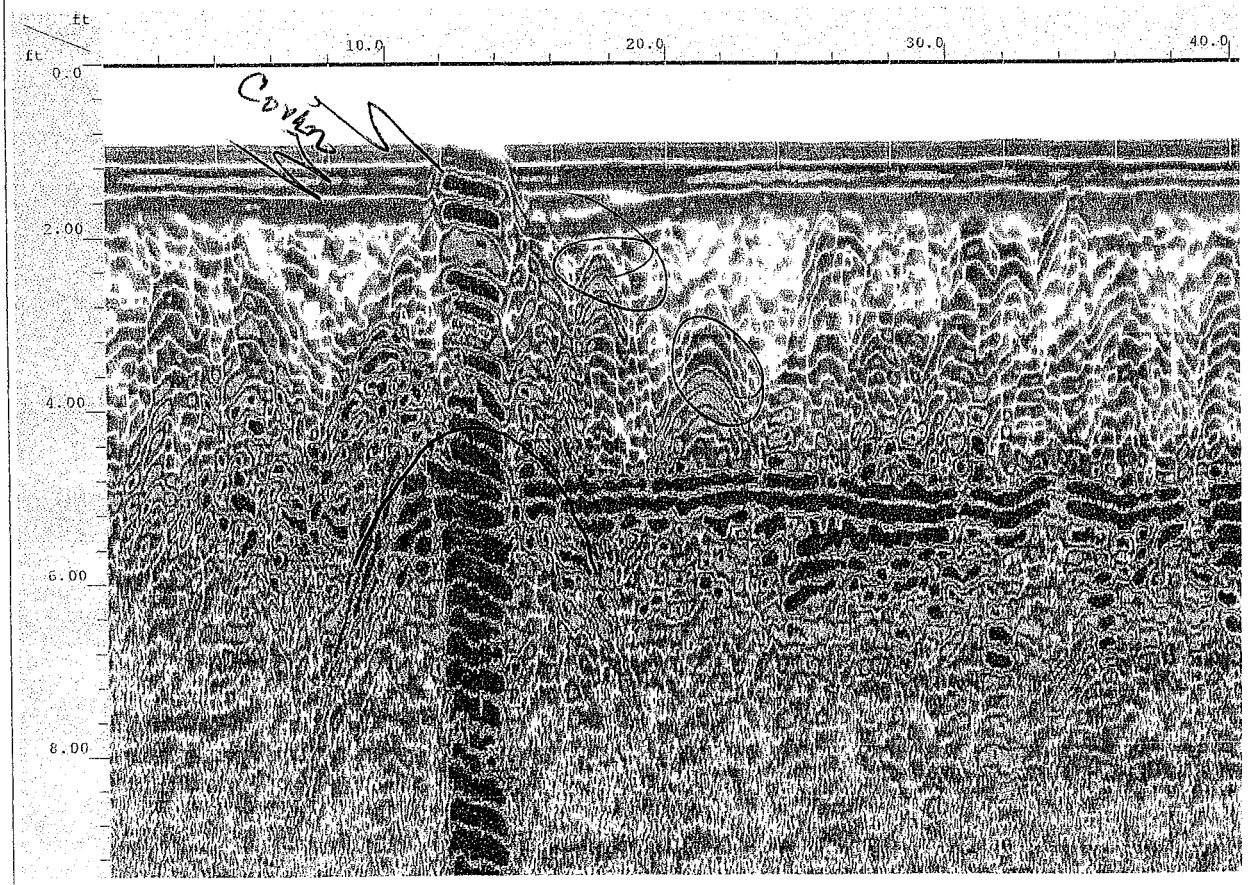

50.0
60.0
70.0
80.0

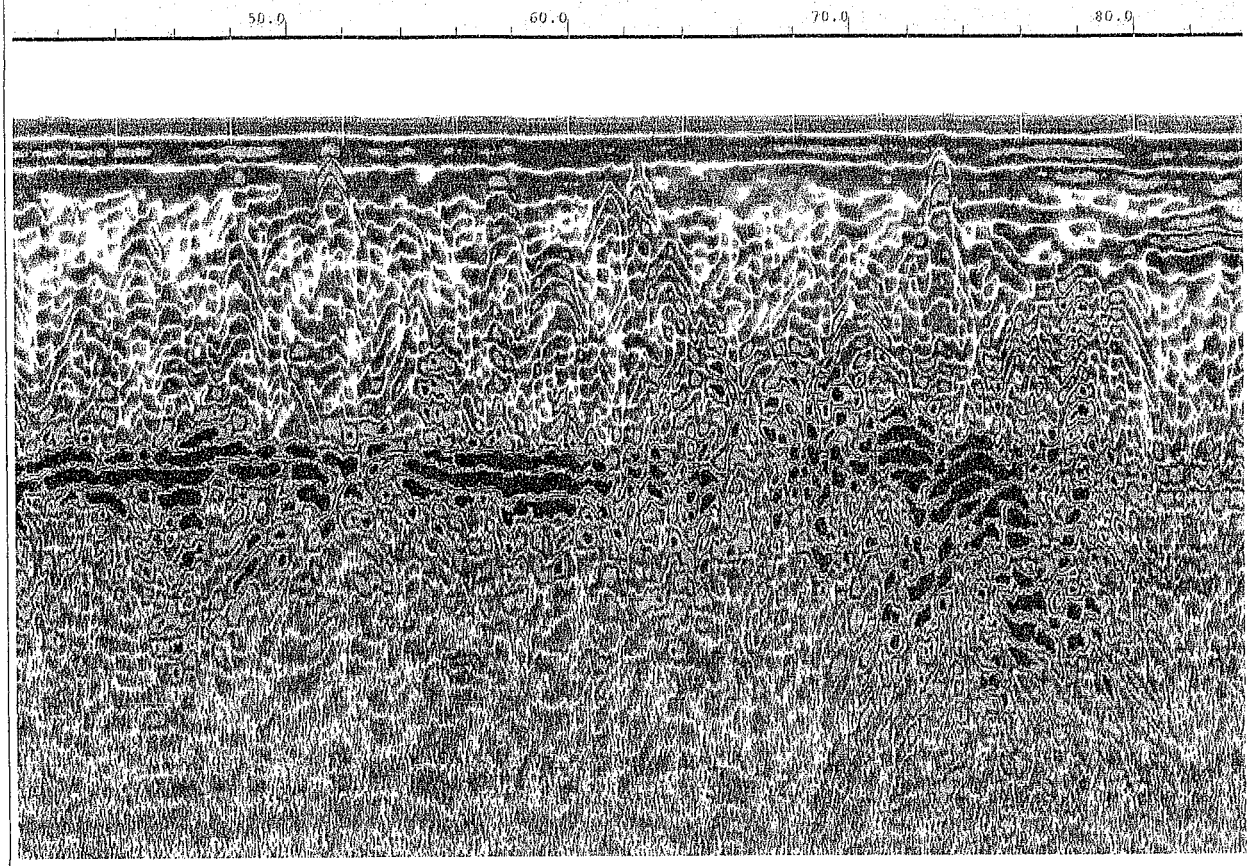

90.0
100
110
120

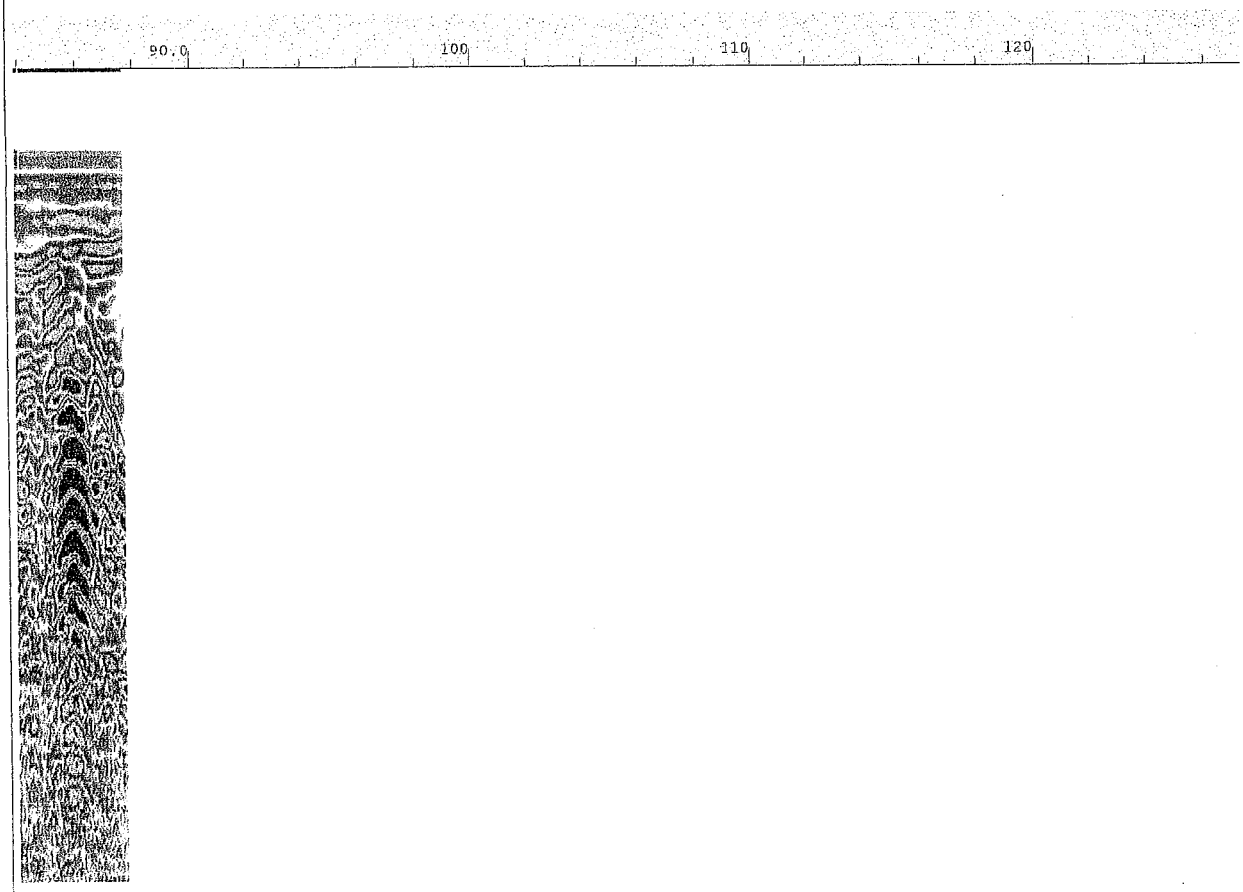
UST Marked on site.

Created May, 24 2004, 15:08:00 Modified May, 24 2004, 15:09:16
Channel(s) 1 Samples/Scan 512 Bits/Sample 16
Scans/Second 100 Scans/Meter 78.7402 Meters/Mark 1.2192
Diel Constant 7

CHANNEL 1 400MHZ
Position 0 nS Range 53 nS
Vert IIR LP N =1 F =800 MHz
Vert IIR HP N =1 F =100 MHz
Position Correction 0.3 nS
Range Gain (dB) -20.0 41.0 49.0




50.0
60.0
70.0
80.0

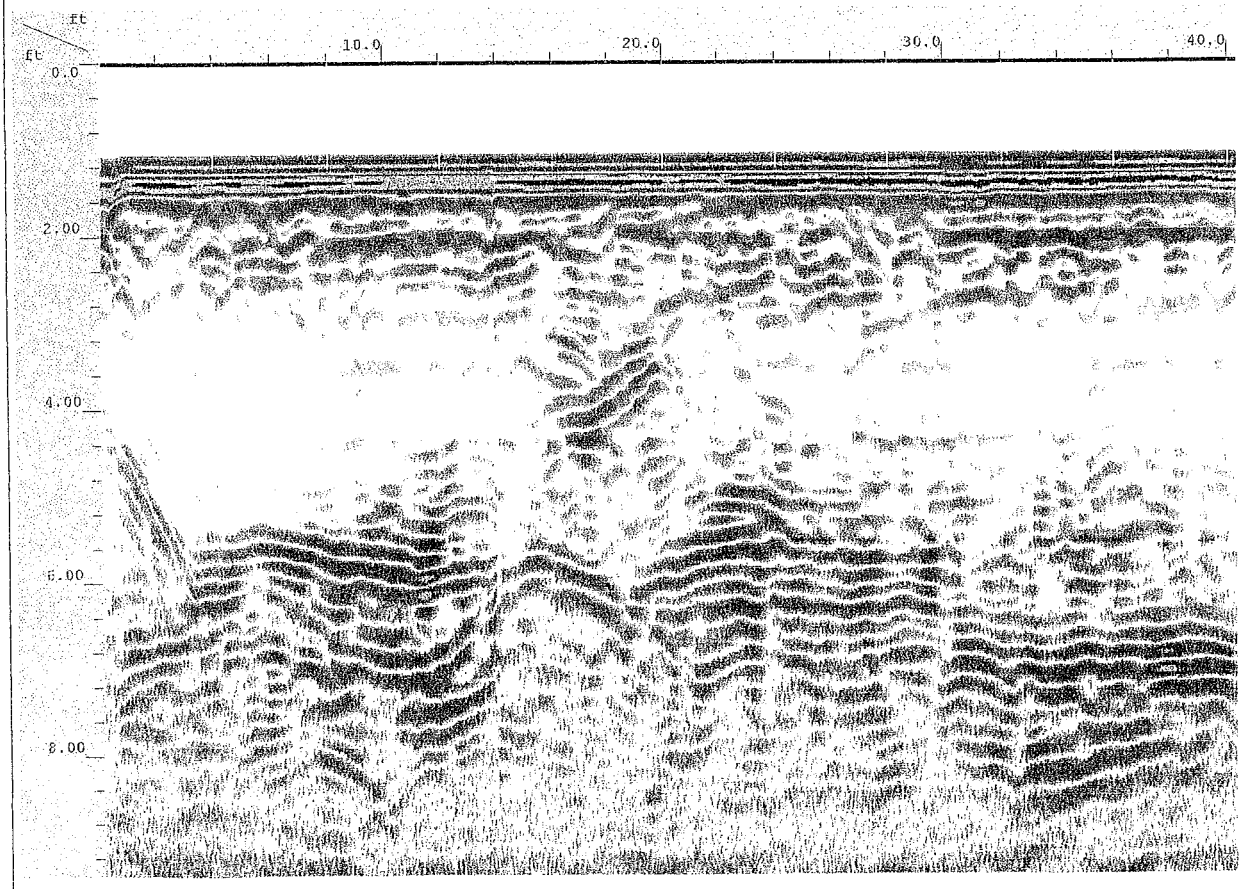

90.0
100
110
120

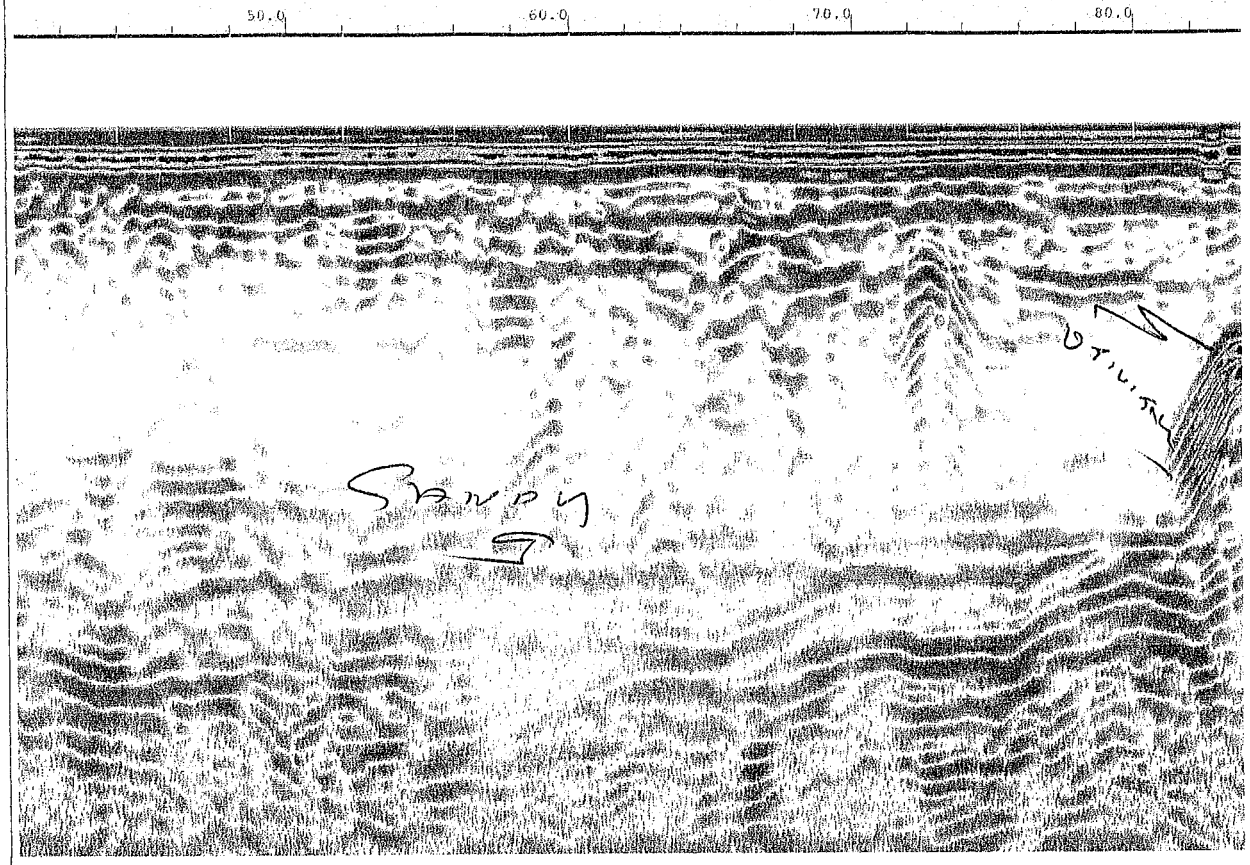
CT27-1

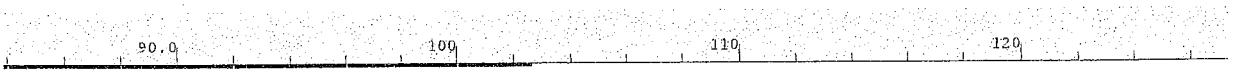
Northerly collection of data in roadway showing one underground utilities which was marked on site.

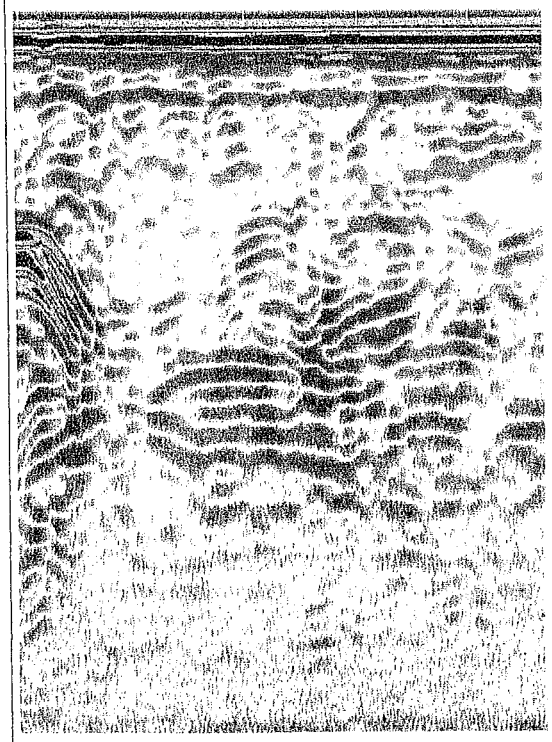
Created May, 24 2004, 15:52:46 Modified May, 24 2004, 15:54:10
Channel(s) 1 Samples/Scan 512 Bits/Sample 16
Scans/Second 100 Scans/Meter 78.7402 Meters/Mark 1.2192
Diel Constant 7

CHANNEL 1 400MHZ
Position 0 nS Range 53 nS
Range Gain (dB) -14.0 29.0 43.0
Position Correction -0.7 nS
Vert IIR LP N =1 F =800 MHz
Vert IIR HP N =1 F =100 MHz




50.0
60.0
70.0
80.0


90.0
100
110
120

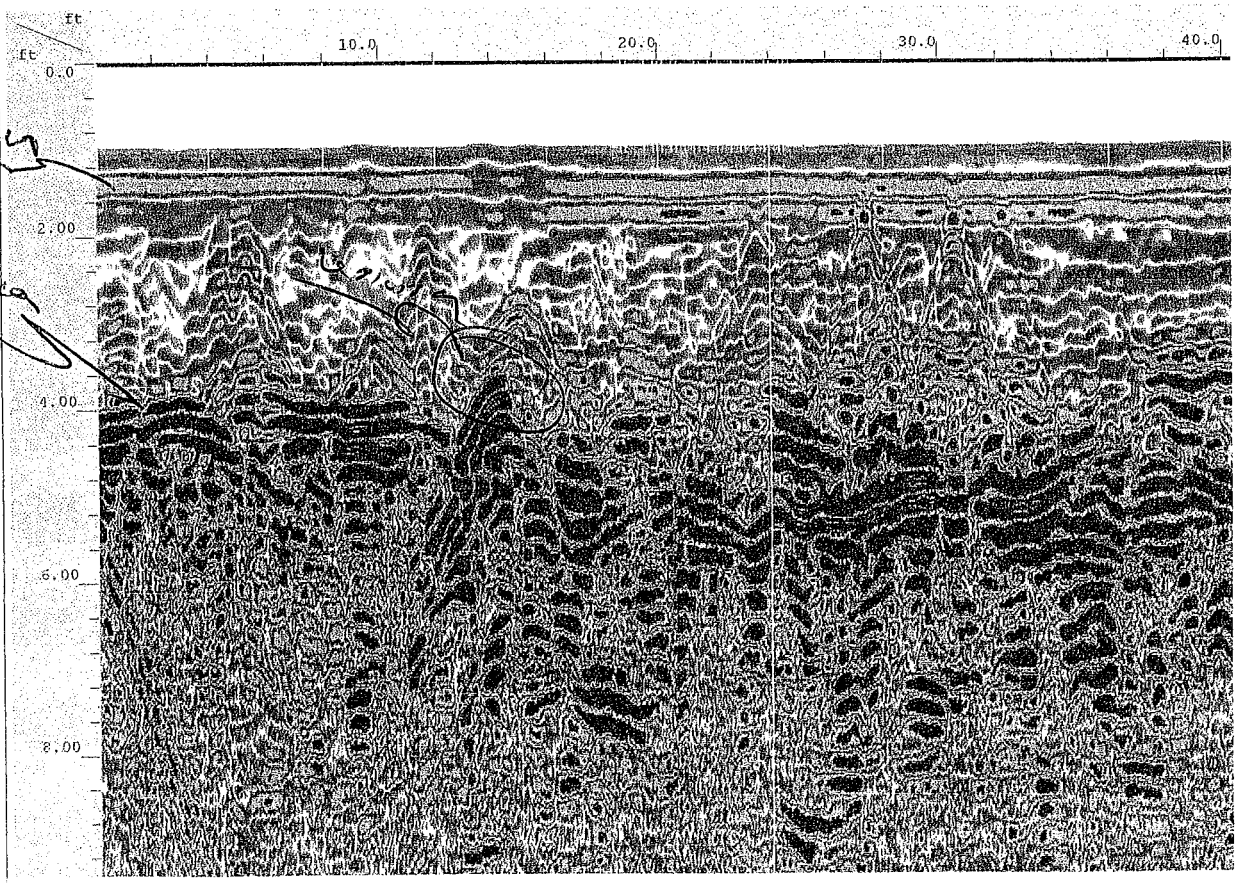


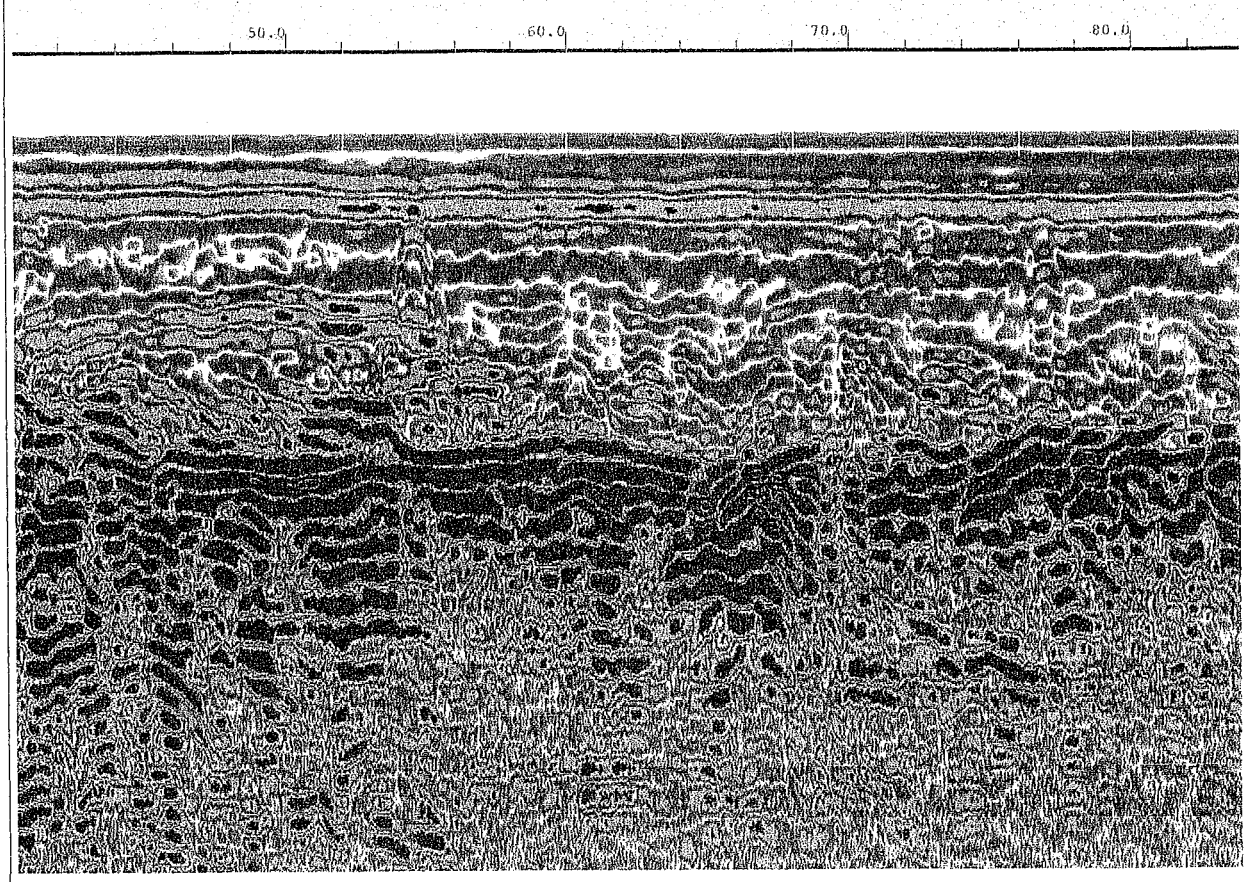
CT17

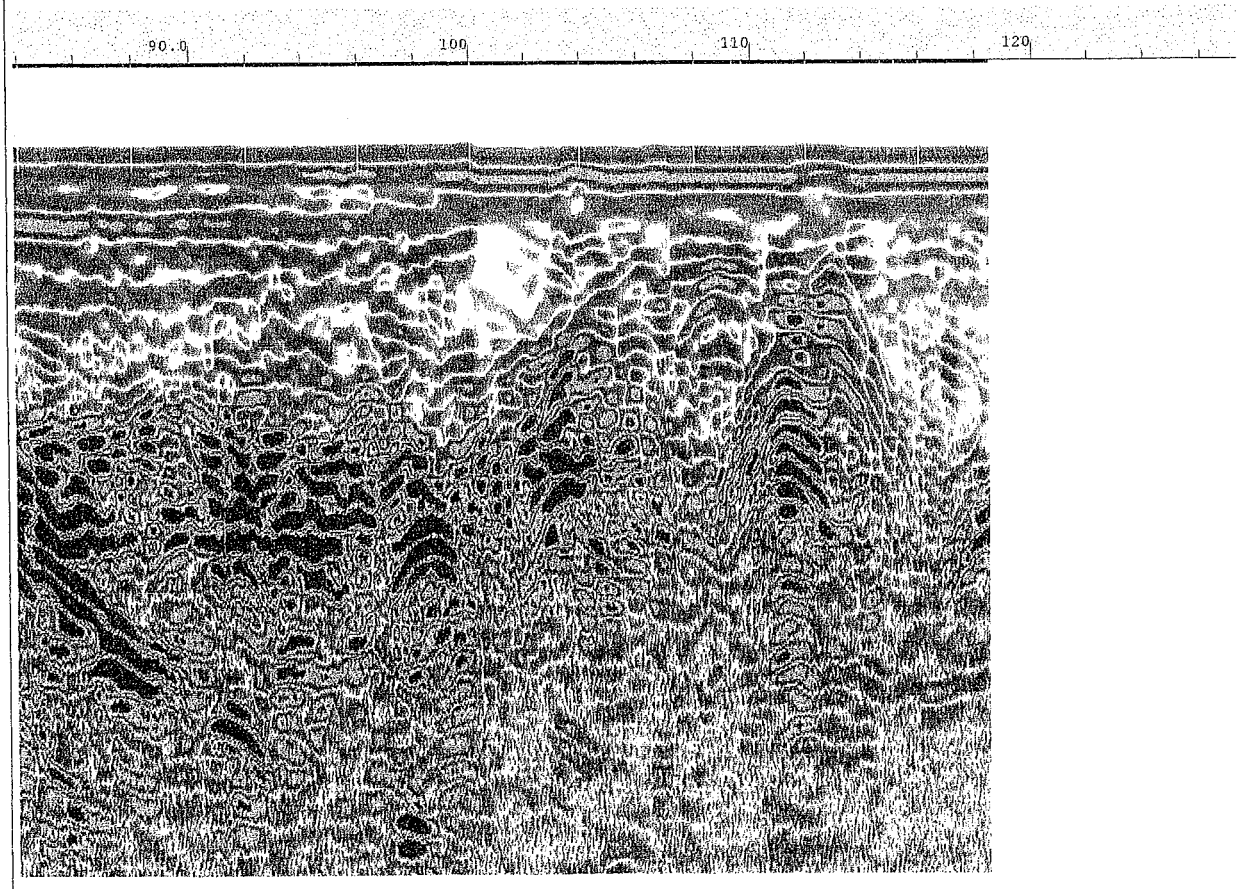
120' of continuous north/south data down the entrance access road in front of B-14 showing an equitable distribution of the sands to the base of the GPR window. Soil interface is seen in the center of the data. No other unusual anomalies.

Created May, 24 2004, 10:25:58 Modified May, 24 2004, 10:28:12
Channel(s) 1 Samples/Scan 512 Bits/Sample 16
Scans/Second 100 Scans/Meter 78.7402 Meters/Mark 1.2192
Diel Constant 7

CHANNEL 1 400MHZ
Position 0 nS Range 53 nS
Vert IIR LP N =1 F =800 MHz
Vert IIR HP N =1 F =100 MHz
Position Correction -0.2 nS
Range Gain (dB) -20.0 41.0 45.0




50.0
60.0
70.0
80.0

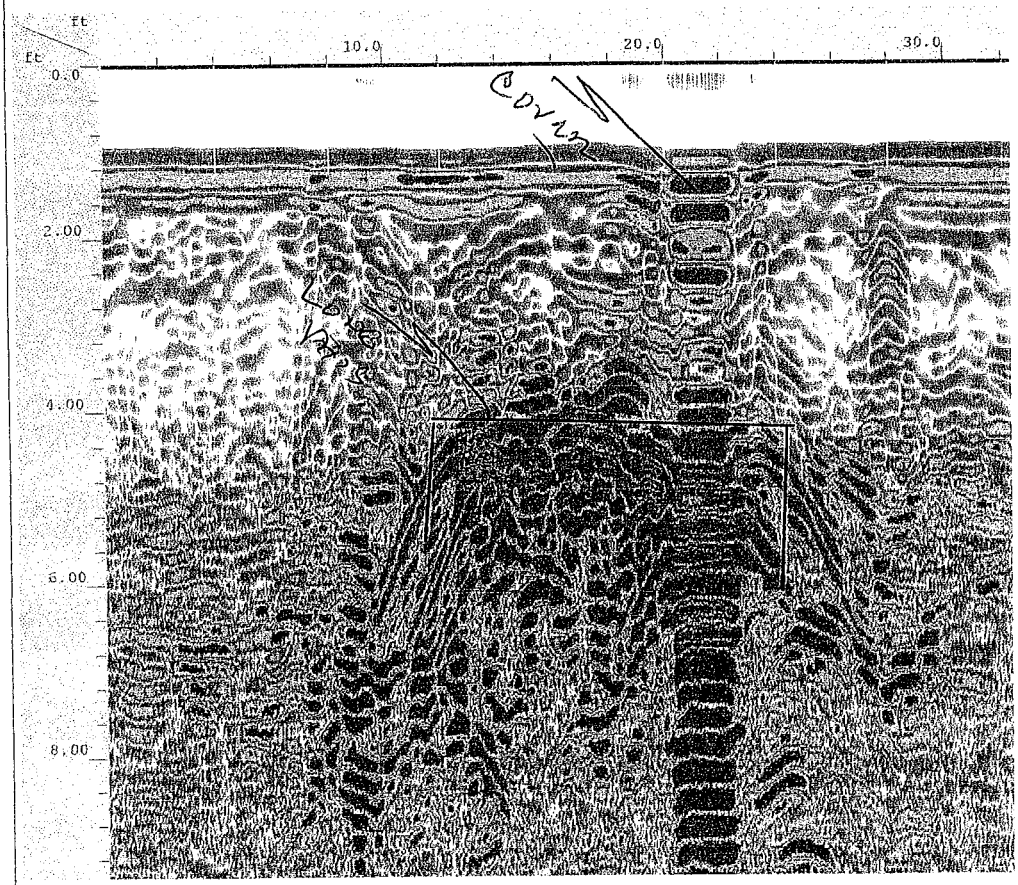

90.0
100
110
120

CT1-2

Long axis of UST found in front of B-13. PAINTED ON SITE.

Created May, 25 2004, 08:15:22 Modified May, 25 2004, 08:16:46
Channel(s) 1 Samples/Scan 512 Bits/Sample 16
Scans/Second 100 Scans/Meter 78.7402 Meters/Mark 1.2192
Diel Constant 7

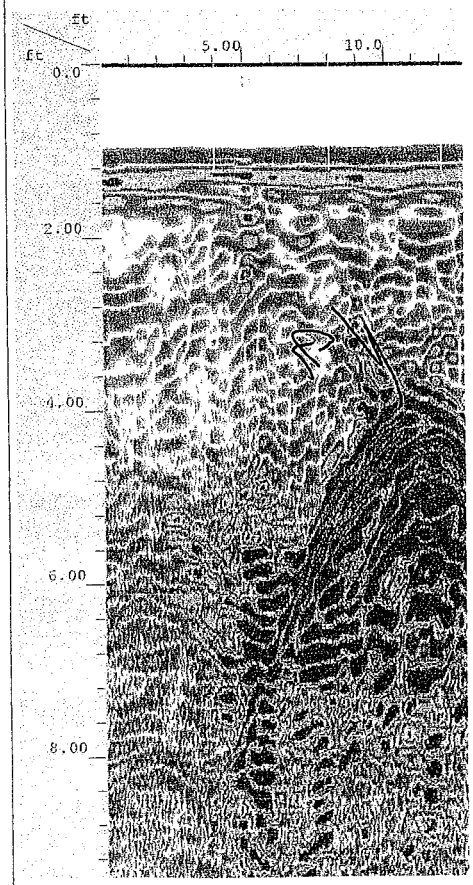
CHANNEL 1 400MHZ
Position 0 nS Range 53 nS
Vert IIR LP N =1 F =800 MHz
Vert IIR HP N =1 F =100 MHz
Position Correction -0.0750003 nS
Range Gain (dB) -20.0 43.0 47.0



Parabolic feature of UST on west side of B-13.

Created May, 25 2004, 08:17:12 Modified May, 25 2004, 08:17:30
Channel(s) 1 Samples/Scan 512 Bits/Sample 16
Scans/Second 100 Scans/Meter 78.7402 Meters/Mark 1.2192
Diel Constant 7

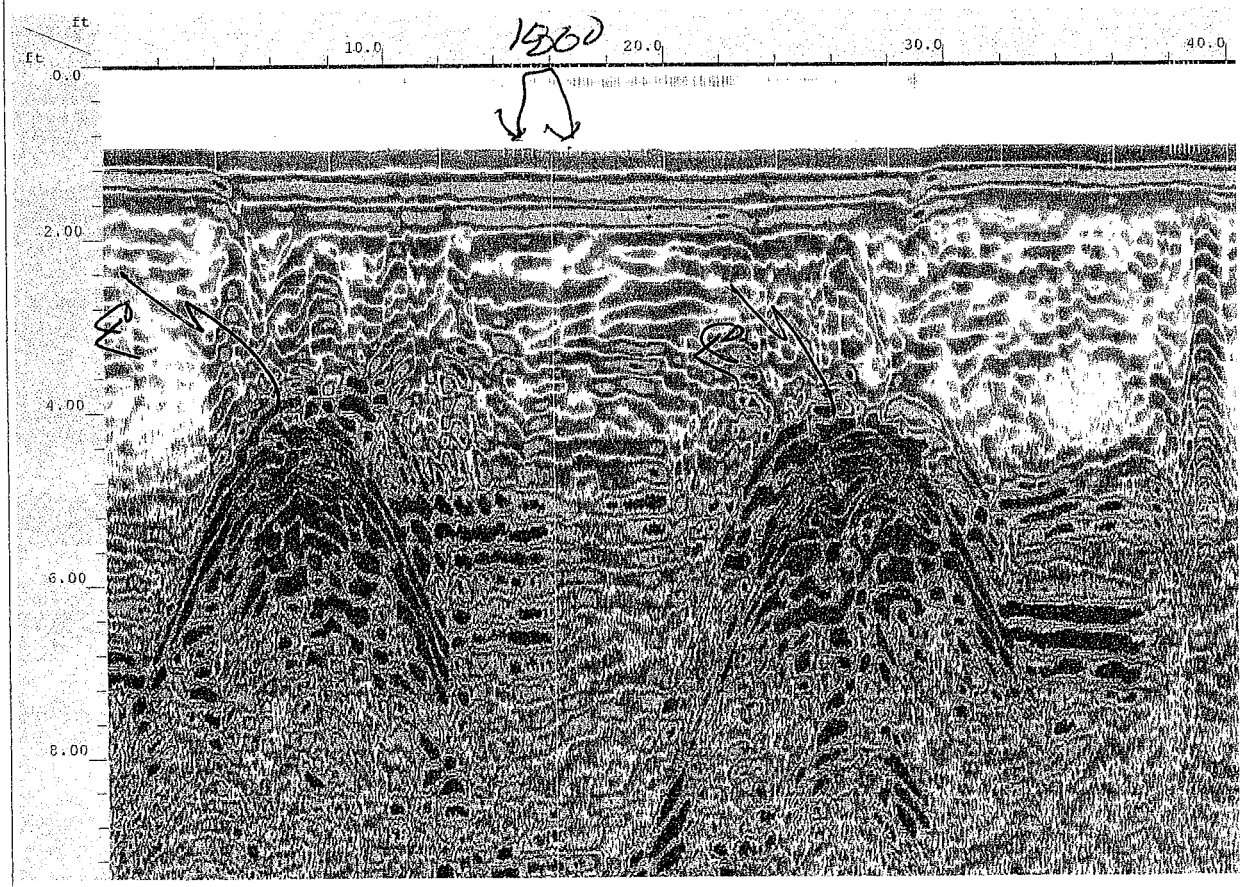
CHANNEL 1 400MHZ
Position 0 nS Range 53 nS
Vert IIR LP N =1 F =800 MHz
Vert IIR HP N =1 F =100 MHz
Position Correction -0.0750003 nS
Range Gain (dB) -20.0 43.0 47.0

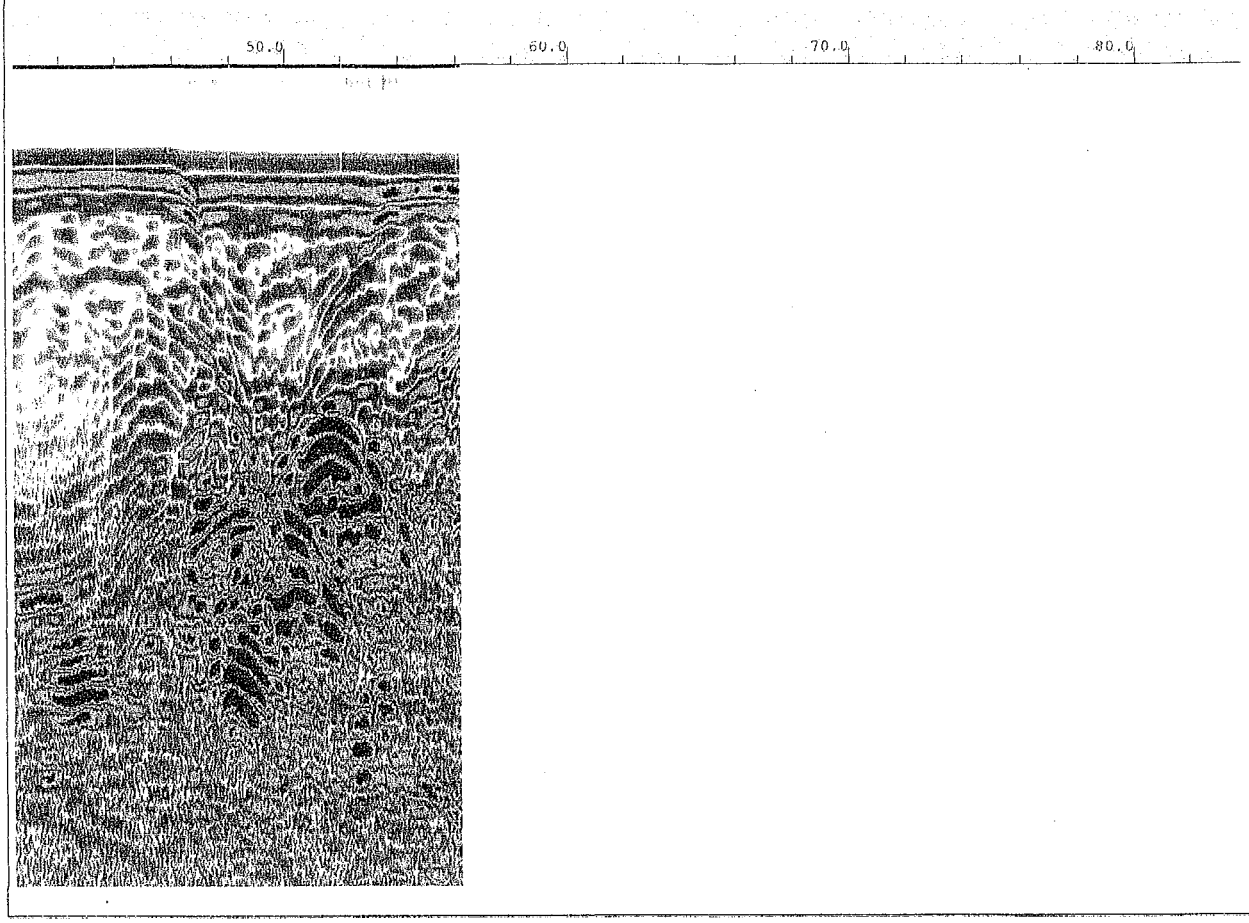


Parabolic feature of UST at B-11H

Created May, 25 2004, 08:47:52 Modified May, 25 2004, 08:48:44
Channel(s) 1 Samples/Scan 512 Bits/Sample 16
Scans/Second 100 Scans/Meter 78.7402 Meters/Mark 1.2192
Diel Constant 7

CHANNEL 1 400MHZ
Position 0 nS Range 53 nS
Range Gain (dB) -20.0 43.0 47.0
Position Correction -0.0750003 nS
Vert IIR LP N =1 F =800 MHz
Vert IIR HP N =1 F =100 MHz

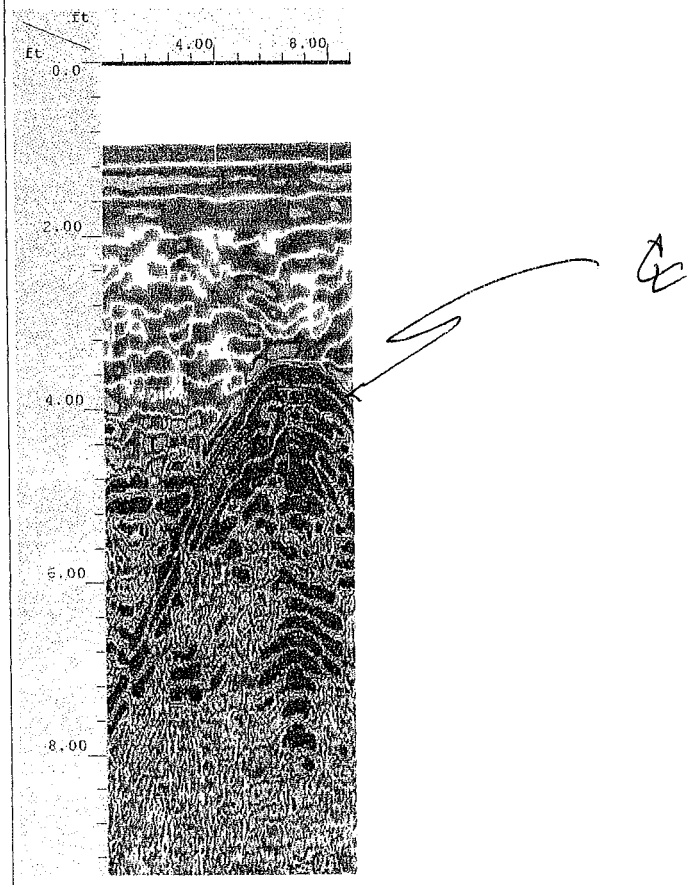



50.0
60.0
70.0
80.0

Parabolic feature of UST at B-28. Painted on site.

Created May, 25 2004, 08:31:28 Modified May, 25 2004, 08:31:50
Channel(s) 1 Samples/Scan 512 Bits/Sample 16
Scans/Second 100 Scans/Meter 78.7402 Meters/Mark 1.2192
Diel Constant 7

CHANNEL 1 400MHZ
Position 0 nS Range 53 nS
Range Gain (dB) -20.0 43.0 47.0
Position Correction -0.0750003 nS
Vert IIR LP N =1 F =800 MHz
Vert IIR HP N =1 F =100 MHz



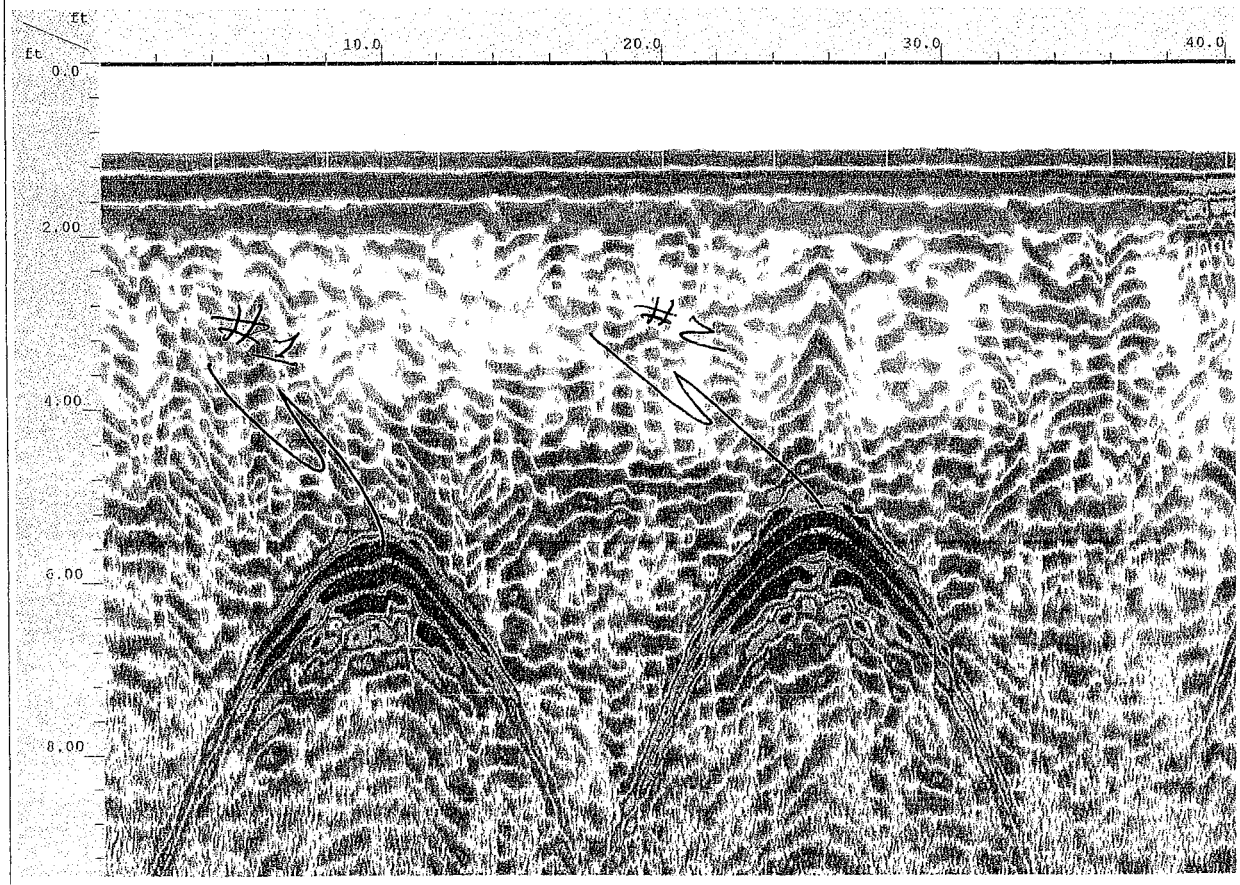
CT18-2

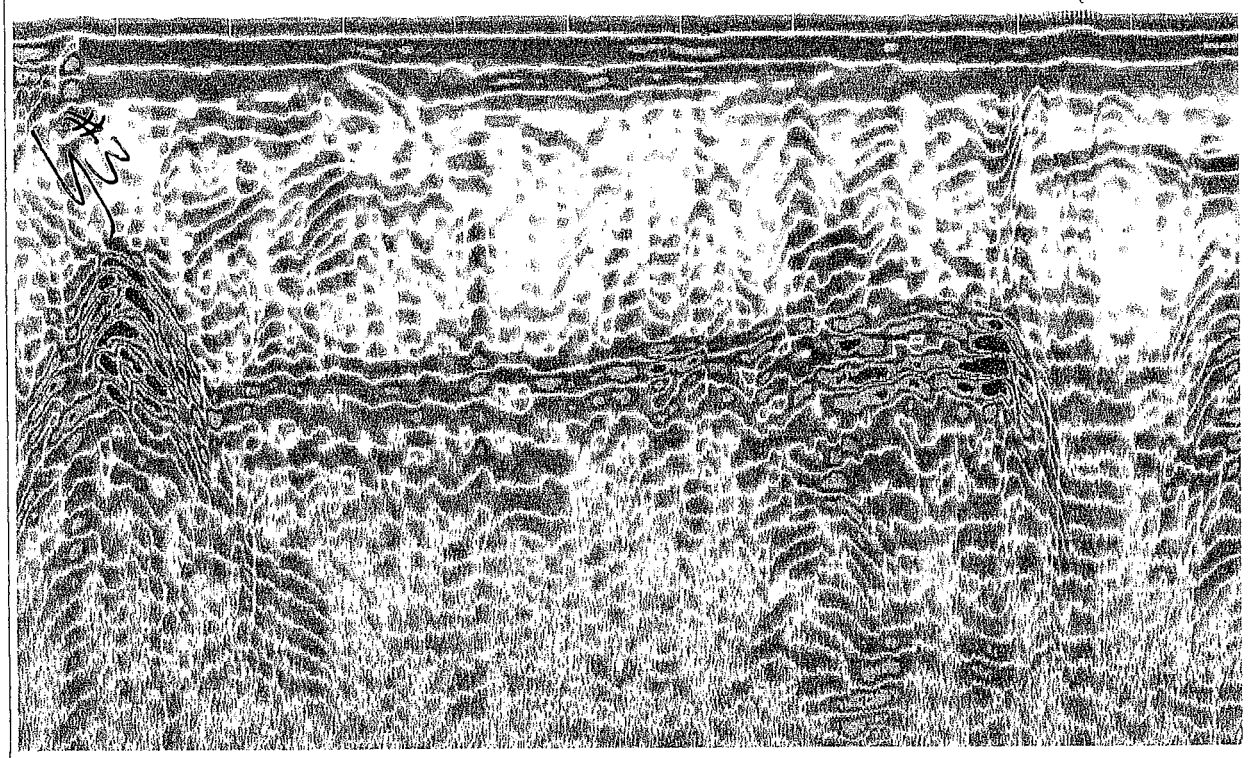
3-UST's found and marked in open field (tank farm) accross from B-28. A pipe was also marked in this area running in an easterly direction away from the tanks.

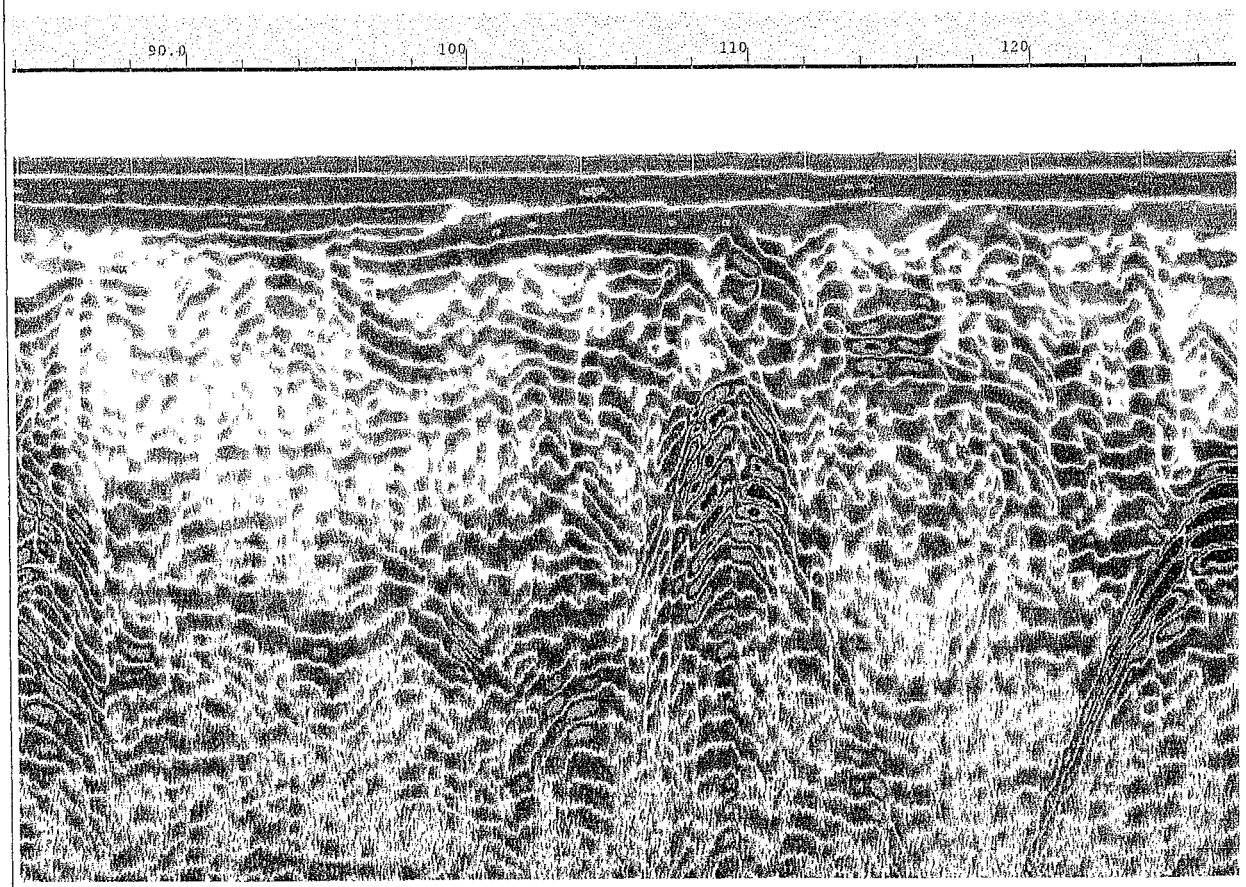
Created May, 25 2004, 10:17:04 Modified May, 25 2004, 10:19:02
Channel(s) 1 Samples/Scan 512 Bits/Sample 16
Scans/Second 100 Scans/Meter 78.7402 Meters/Mark 1.2192
Diel Constant 7

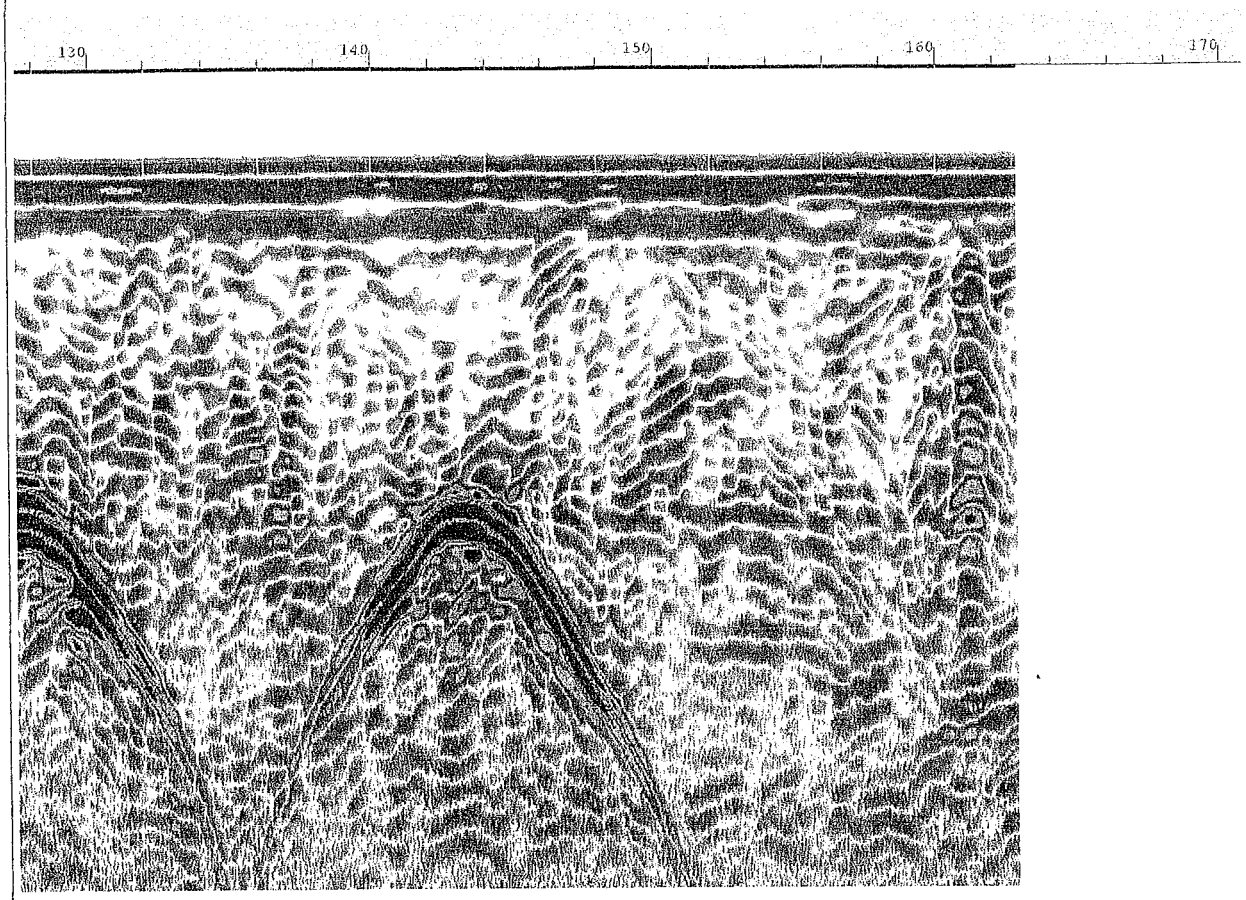
CHANNEL 1 400MHZ
Position 0 nS Range 52 nS
Vert IIR LP N =1 F =800 MHz
Vert IIR HP N =1 F =100 MHz
Position Correction -0.45 nS
Range Gain (dB) -19.0 29.0 44.0

#1 - 18' x 8'
#2. 22' x 8'
#3 15' x 48"




50.0
60.0
70.0
80.0

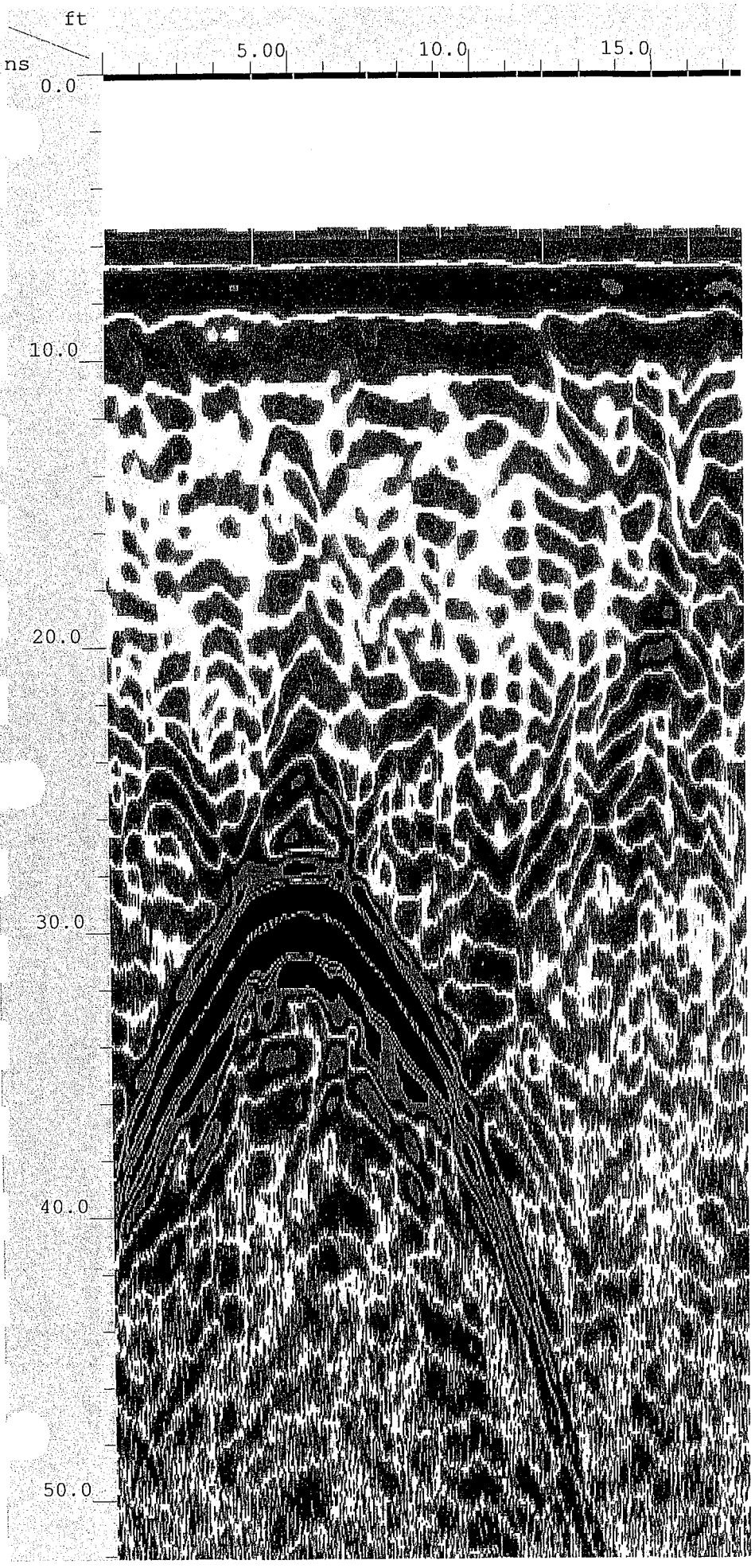

90.0
100
110
120


130
140
150
160
170

crossing UST #1 (in tank farm area) showing width. Vertical benchmarks are at 2' intervals.

reated May, 25 2004, 10:28:22 Modified May, 25 2004, 10:30:08
hannel(s) 1 Samples/Scan 512 Bits/Sample 16
s/Second 100 Scans/Meter 78.7402 Meters/Mark 1.2192
t Constant 7

HANNEL 1 400MHZ
Position 0 nS Range 53 nS
Range Gain (dB) -19.0 29.0 44.0
osition Correction -0.45 nS
ert IIR LP N =1 F =800 MHz
Vert IIR HP N =1 F =100 MHz

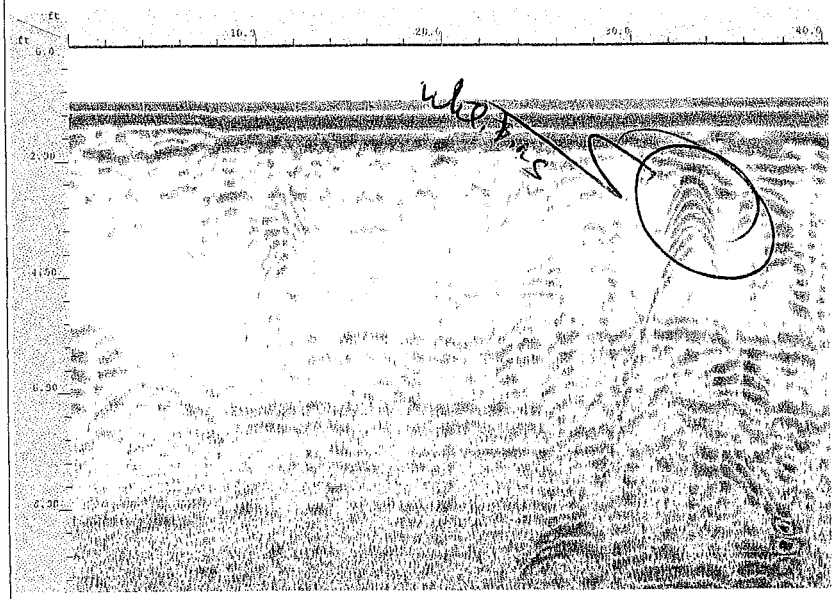

ft
5.00
10.0
15.0
ns
0.0
10.0
20.0
30.0
40.0
50.0

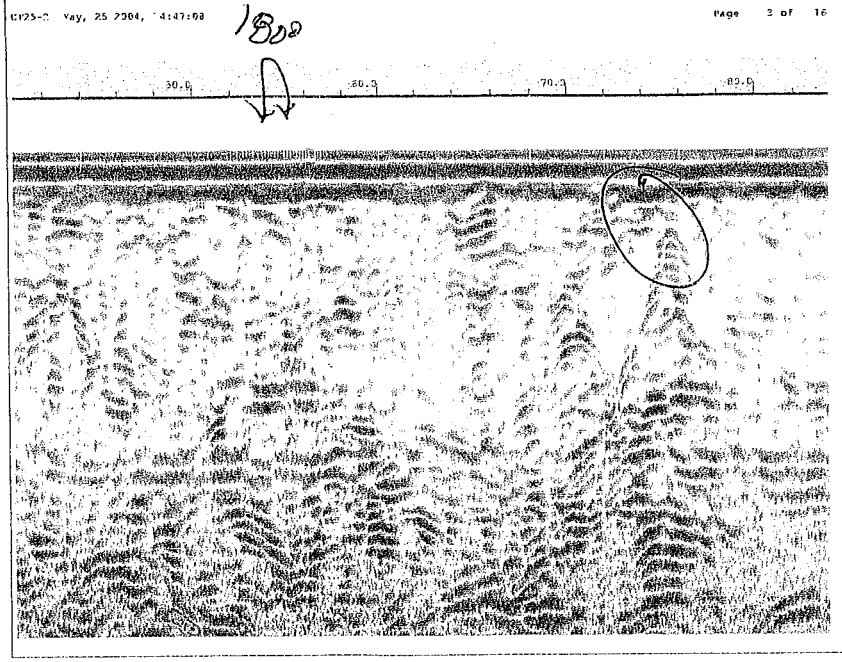
CT25-2

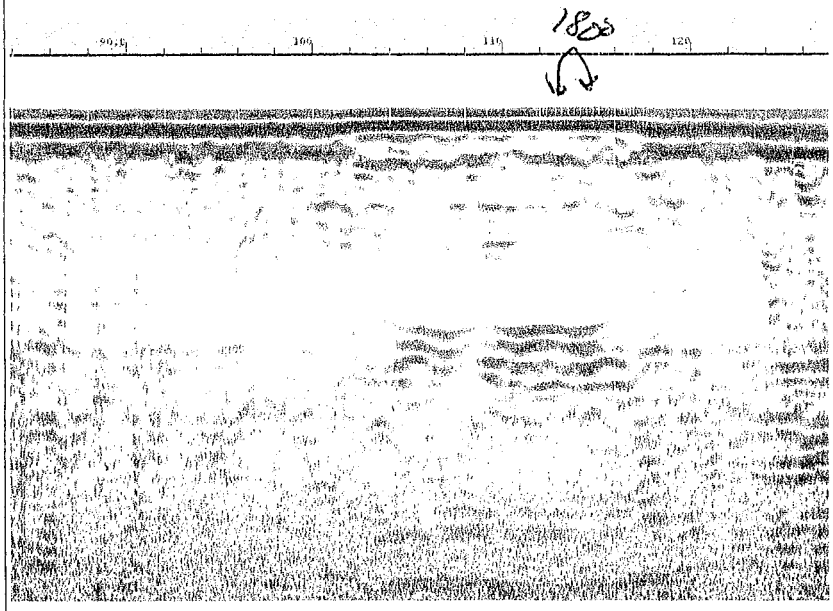
Over 850' of continuous east/west data in Area 26 which was partially vegetated. Some small parabolic features of possible pipes. No other unusual anomalies in this data.

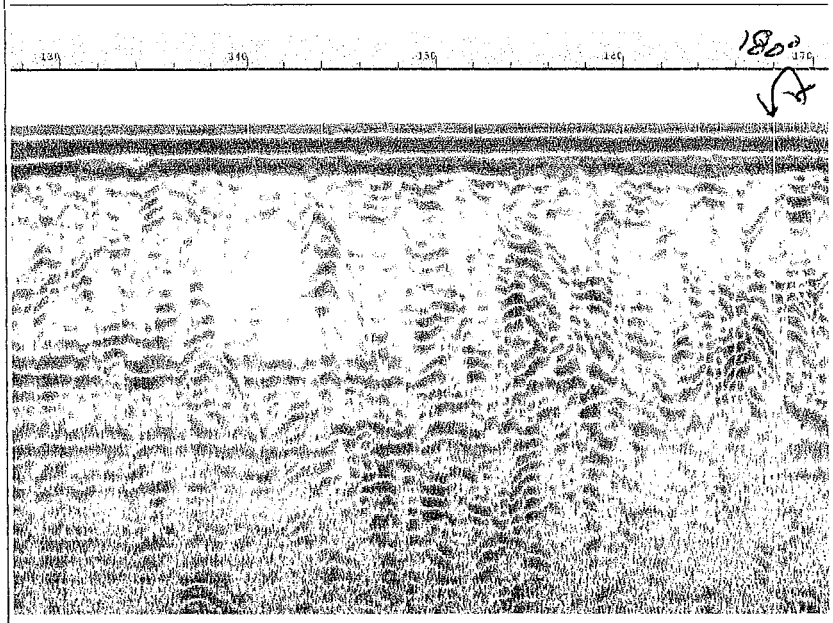
Created May, 25 2004, 14:43:22 Modified May, 25 2004, 14:47:08
Channels: 1 Samples/Scan 512 Bits/Sample 16
Scans/Second 100 Scans/Meter 76.7402 Meters/Mark .7192
Dist Comment 7

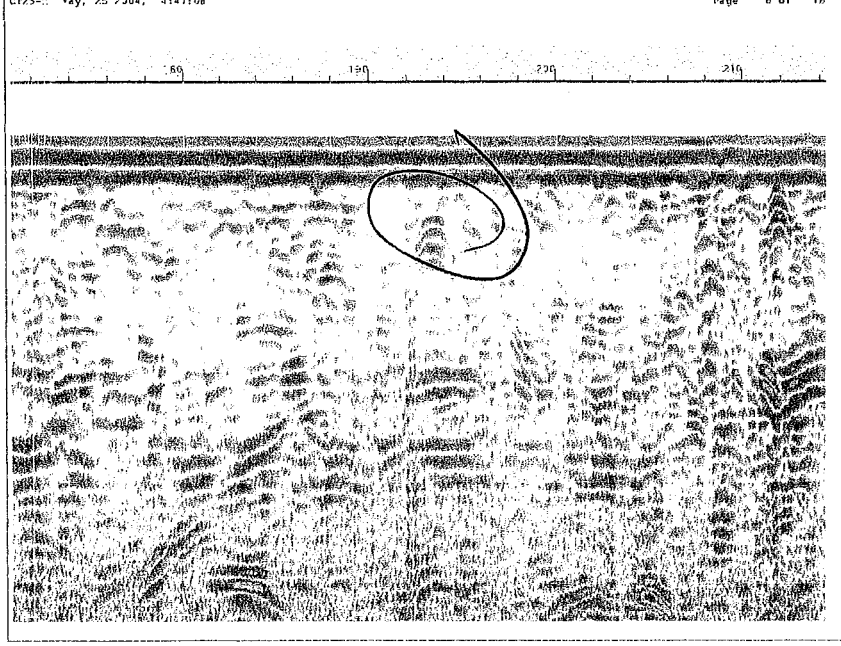
CHANNEL 1 400MHZ
Position 0 nS Range 52 nS
Range Gain (dB) -20.0 26.9 47.0
Position Correction 0.0499997 nS
Vert HP N =1 F =800 MHz
Vert HP N =1 F =100 MHz

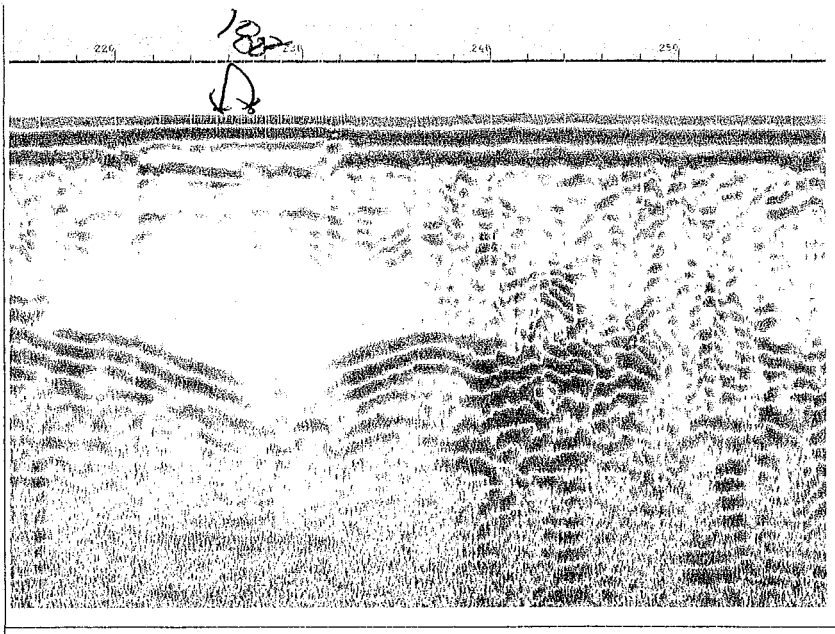


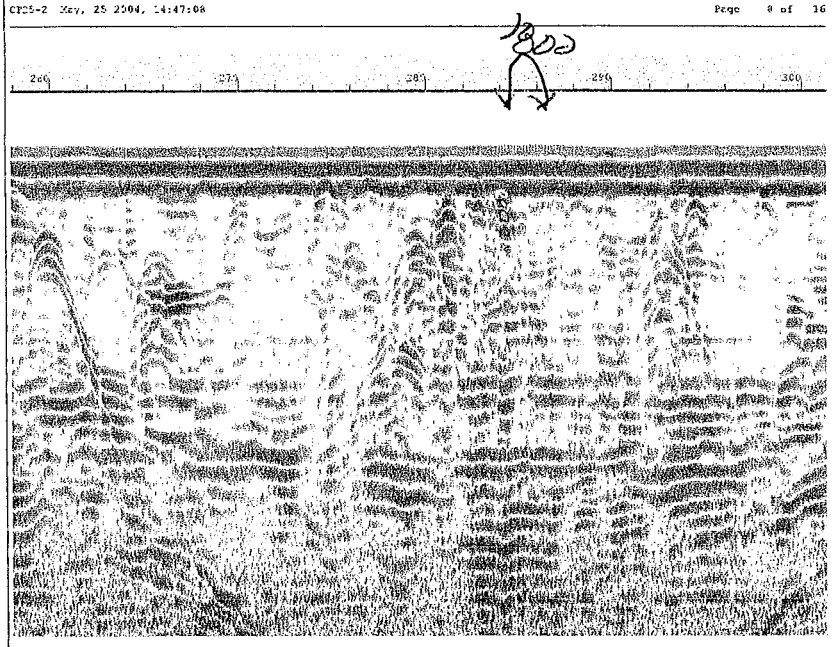


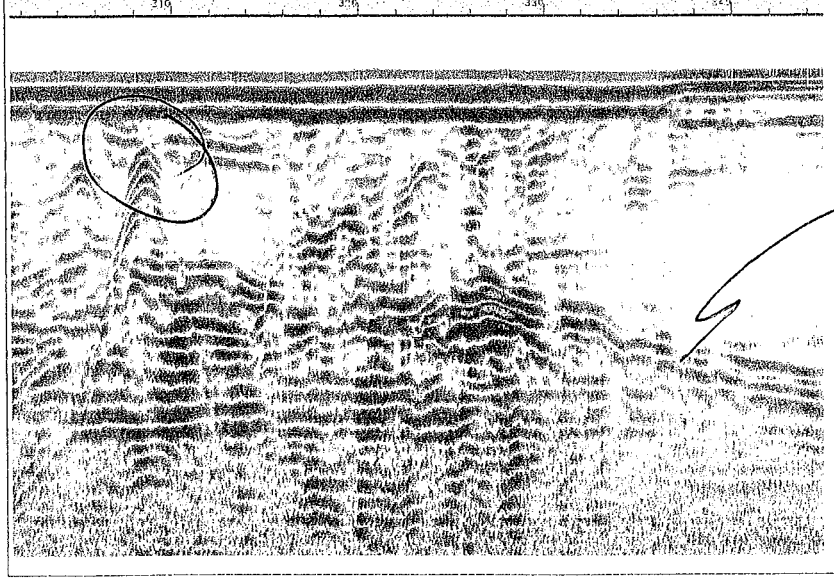

100
110
120
180°

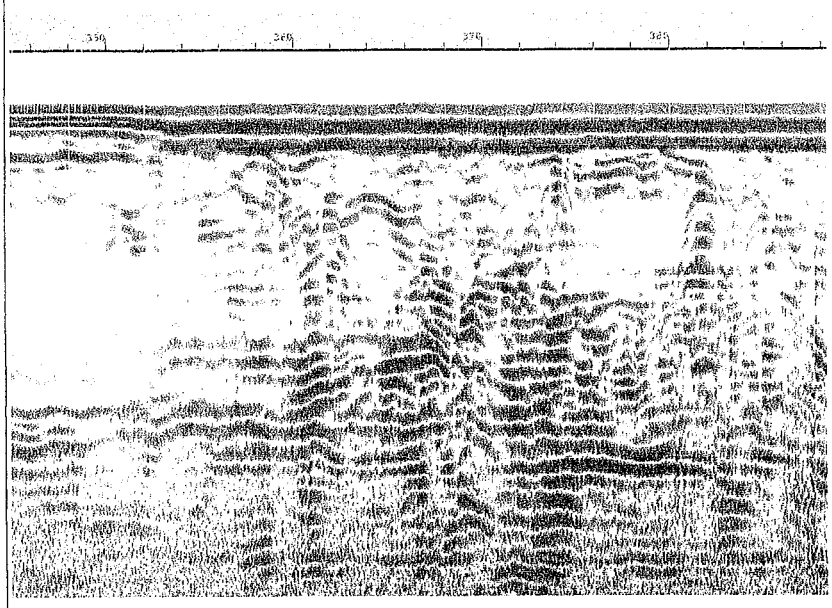

130
140
150
160
170
180°

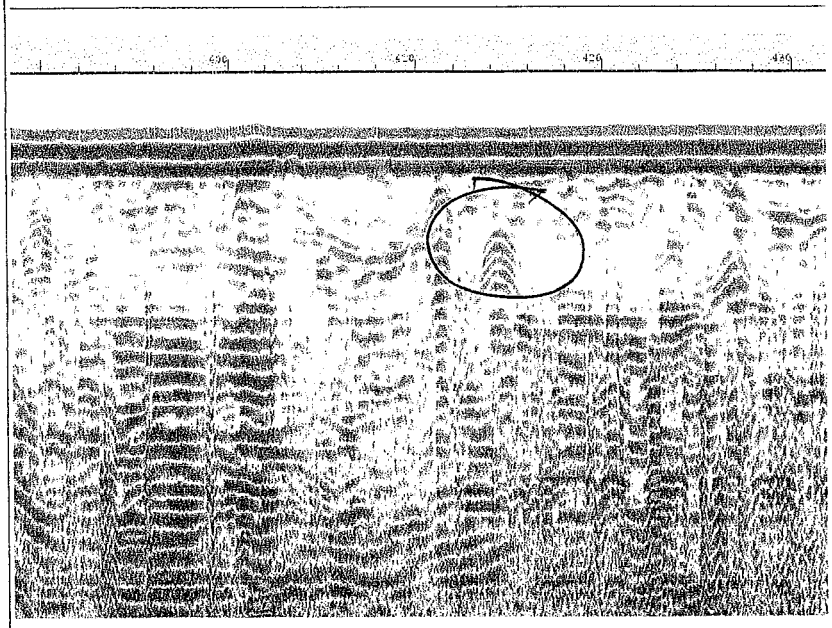

180
190
200
210

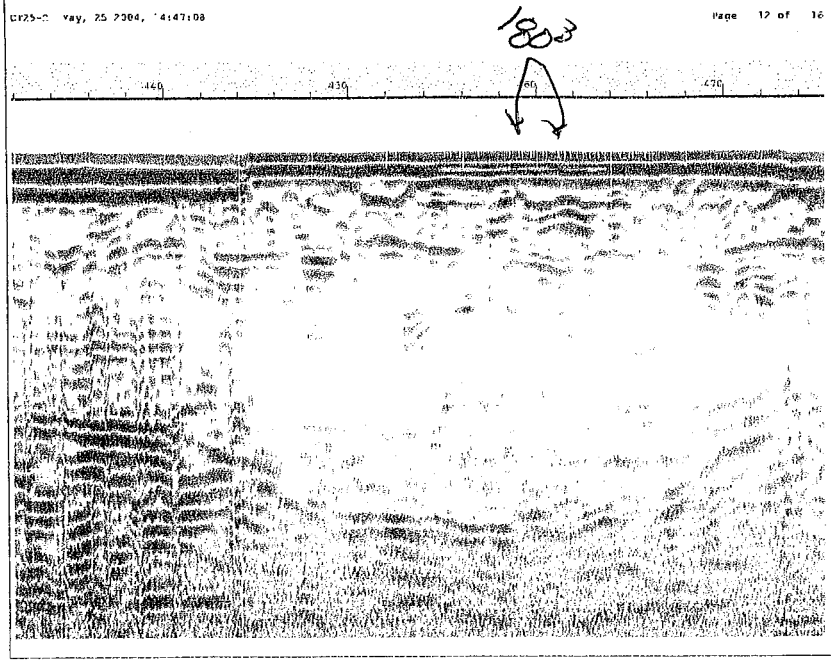

220
240
250

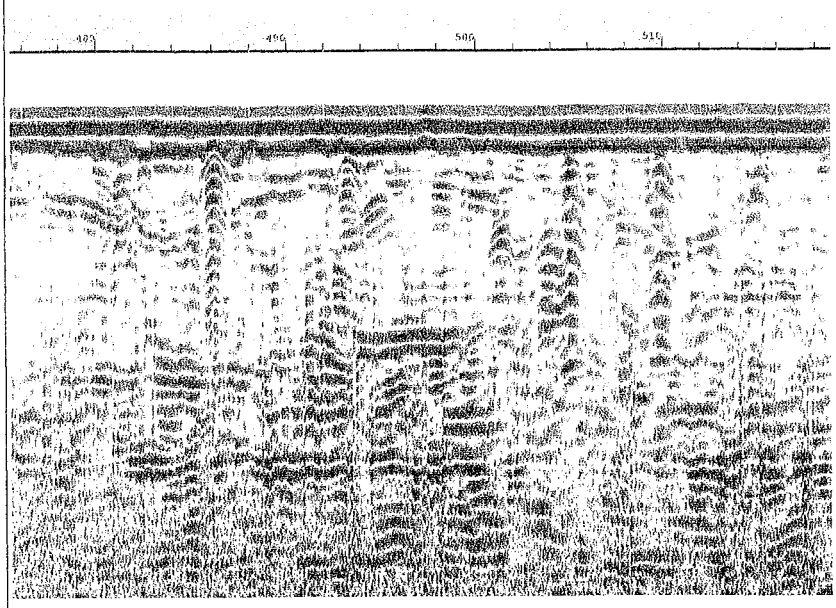

260
280
300

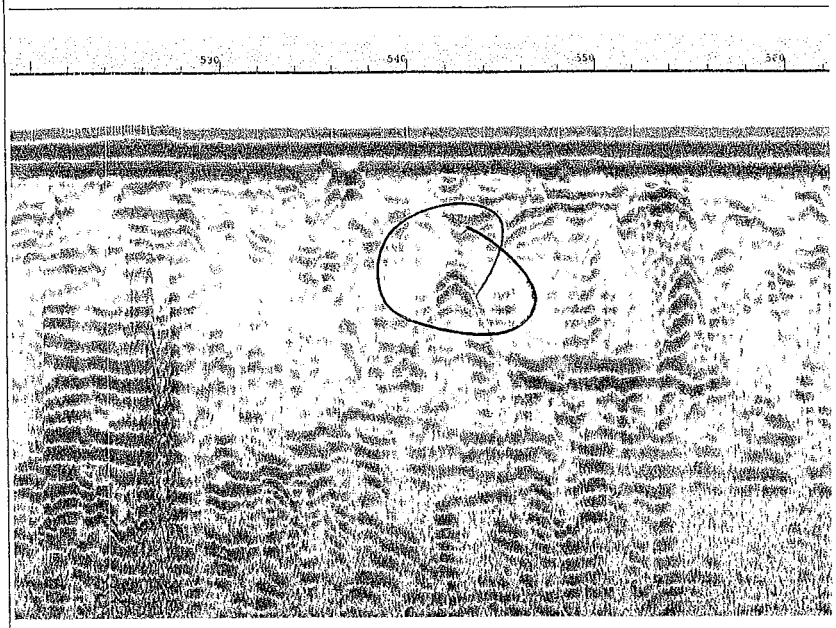

310
330

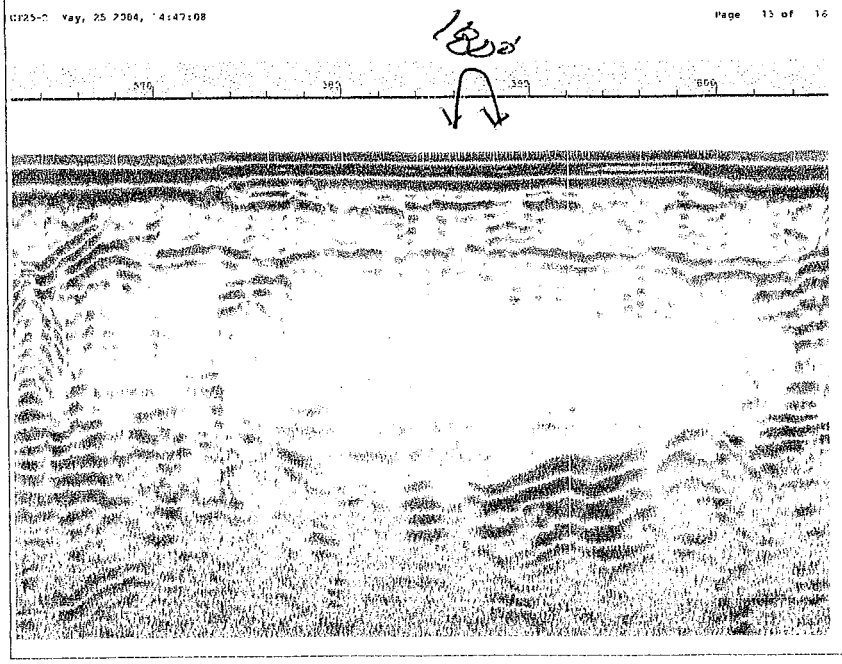

350
360
370
385

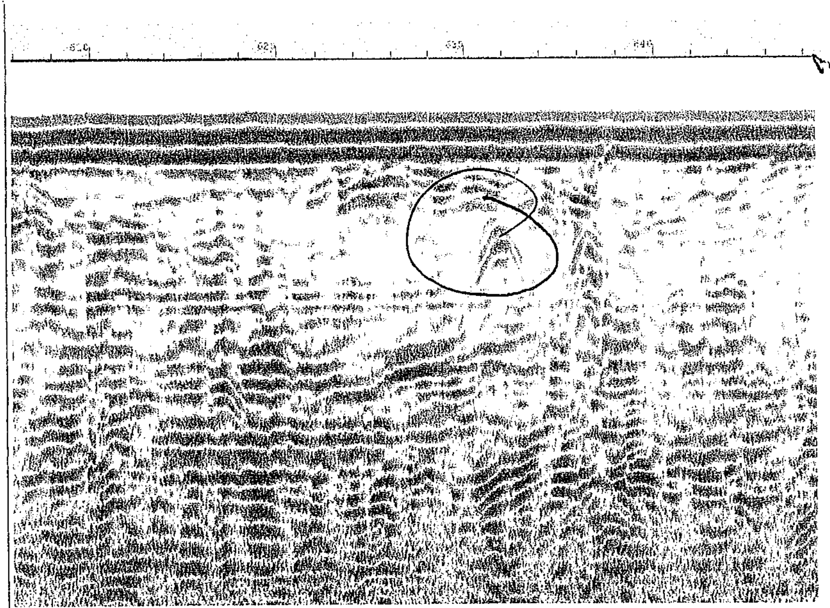

400
420
430


1803
440
450
460
470


495
500
505
510


530
540
550
560


570
580
590
600

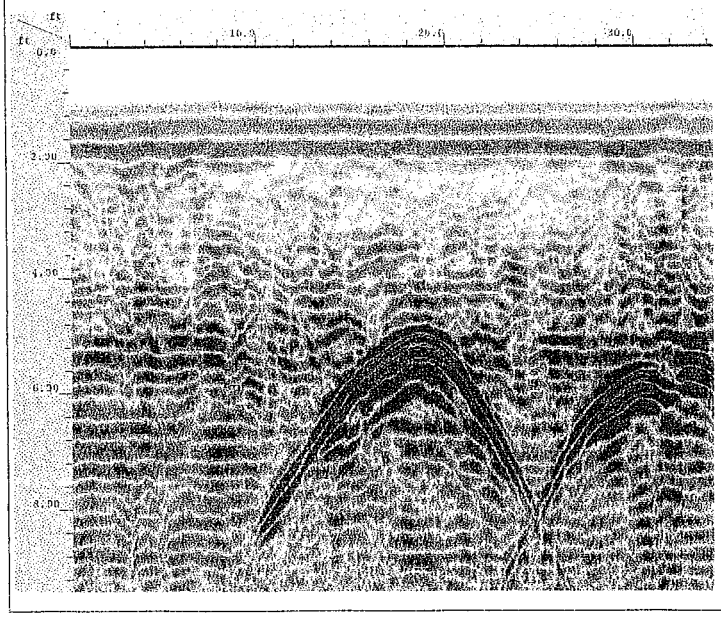


644'
End of
Run

Crossing two of the three large USTs in area 30. Three tanks were marked on site.

Created May, 25 2004, 15:24:52 Modified May, 25 2004, 15:25:58
Channel(s) 1 Samples/Scan 512 Bits/Sample 16
Scans/Second 100 Scans/Meter 78.7402 Meters/Mark 1.2192
Dielectric Constant 7

CHANNEL 1 400MHZ
Position 0 nS Range 53 nS
Range Gain (dB) -26.0 42.9 49.0
Position Correction -3.525 nS
Vert HP LP N =1 F =800 MHz
Vert HP LP N =1 F =100 MHz

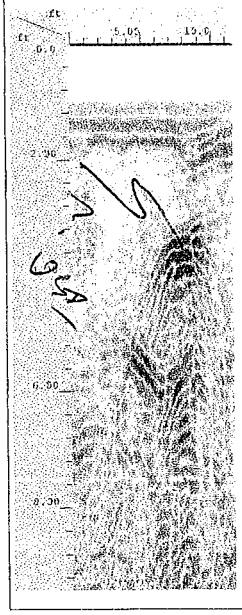


CT34-3

Suspect UST profile associated with the fill pip at B-3. Painted on site.

Created May, 26 2004, 09:18:39 Modified May, 26 2004, 09:19:38
Channel(s) 1 Samples/Scan 512 Bits/Sample 16
Scans/Second 100 Scans/Meter 59.0551 Meters/Xcrk 2.4384
Dielectric Constant 7

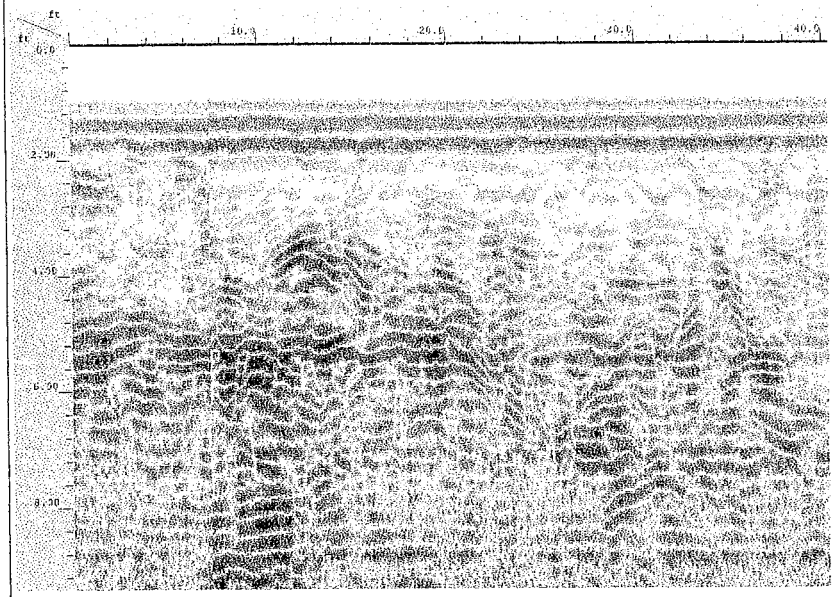
CHANNEL 1 400MHZ
Position 0 ns Range 53 ns
Vert IIR LP N =1 F =800 MHz
Vert IIR HP N =1 F =100 MHz
Position Correction 9.2 ns
Range Gain (dB) -30.0 23.0 46.0

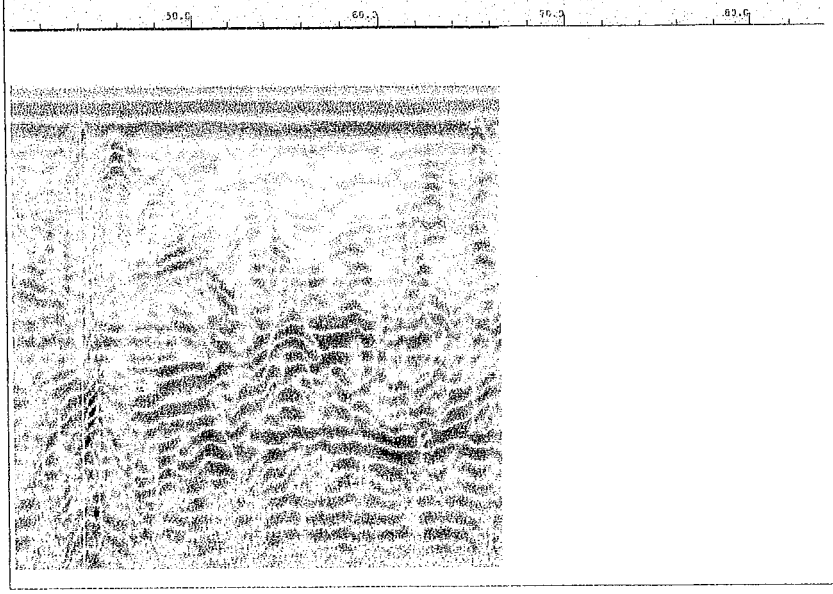


Continuous north/south scans at N-2'. No evidence of tanks in this data.

Created May, 26 2004, 08:06:28 Modified May, 26 2004, 08:07:26
Channel(s) 1 Samples/Scan 512 Bits/Sample 16
Scans/Second 100 Scans/Meter 76.7402 Meters/Mark 1.2192
Piel Constant 7

CHANNEL 1 400MHZ
Position 0 nS Range 53 nS
Vert HI3 LP N =1 F =400 MHz
Vert HI3 HP N =1 F =100 MHz
Position Correction 9.2 nS
Range Gain (dB) -50.0 30.0 48.0



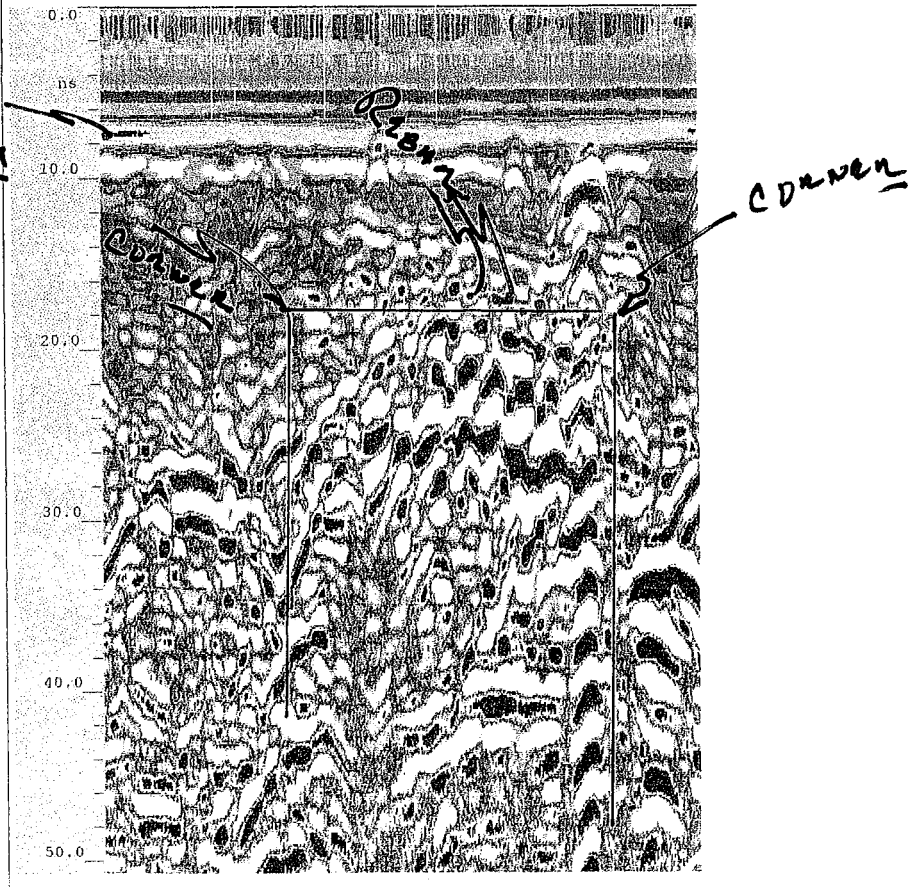


CT38-3

Profile of Bunker #8 showing rebar within the ceiling of the bunker. The edges are clear in the data and were painted on site on the day of the survey.

Created May, 26 2004, 13:16:34 Modified May, 26 2004, 13:18:14
Channel(s) 1 Samples/Scan 512 Bits/Sample 16
Scans/Second 100 Scans/Meter 78.7402 Meters/Mark 1.2192
Diel Constant 7

CHANNEL 1 400MHZ
Position 0 nS Range 53 nS
Vert IIR LP N =1 F =800 MHz
Vert IIR HP N =1 F =100 MHz
Position Correction -0.0750003 nS
Range Gain (dB) -20.0 31.0 45.0



5.0 ACQUIRING PROCEDURES

The acquiring of data from the field for the location and orientation of underground storage tanks, utilities, conduits w/in slab, rebar location, grave sites and other specific anomalies has been established by the *ground penetrating radar* for many years. Since 1988, Sub-Surface Information Surveys, Inc. has completed a multitude of successful investigations covering most phases of the *ground penetrating radar* profession. During an investigation, a cross-section of the project will be recorded on the hard drive of our computer. The data is then transferred, copied and duplicated to be made part of this report.

We do not necessarily record every traverse in most of our investigation since most of the information viewed on our monitor is related to the previous traverse. Traverses (I.e., profiles) are monitored on a constant basis. When a traverse is collected on the hard drive, it is also played back in the field for a second look. Where there is an *out-of-place characteristic*, it may be played back a number of times to determine its location and origin. This is recorded on the hard drive for further analyzing at our office. When specific anomalies are located, *all* are documented for reporting. Anomalies are marked in the field if requested to do so. Measurements are taken to identify the exact location such as a tank or utility.

During the start of all surveys, site characteristics and features must be documented to set the standard for that particular site such as soil conditions, conductive features, etc. While the survey is being conducted, there are periodic documentations which are used as a permanent visual comparison to confirm the standard of that site.

After the completion of our survey, it must be reasonably assured that the information is a true cross-section of the project and the information obtained is accurate according to our best professional efforts.

GPR PRINCIPLES
DIELECTRIC CONSTANTS
TWO-WAY SLOWNESS

GROUND PENETRATING RADAR (GPR)...looks like an *X-ray* picture of the ground which is the typical initial impression of the graphic results obtained by radar. GPR, unlike sonic or seismic uses an electromagnetic (radio wave) antenna tuned to a frequency, which can penetrate most soils, rock, concrete, ice and other common natural and manmade materials. Such capabilities make GPR a prime technique to a multitude of tasks.

GPR determines subsurface conditions by sending pulses of high frequency radio waves into the ground from a transmitter antenna located on the surface. Subsurface structures and interfaces cause some of the wave energy to be reflected back to the surface, while the rest of the energy continues to penetrate deeper. A receiver antenna on the surface picks up the reflected wave energy. These signals are then processed and plotted in a distance versus time-depth display. Thus, as the radar antenna is slowly towed across the surface, a continuous cross-section *picture* of the subsurface is generated. The reflections are caused by wave responses at interfaces of materials having different electrical properties. These interfaces include many natural conditions such as bedding, cementation, changes in moisture and clay content, voids etc., as well as man-made objects.

PENETRATION of the radar signal is dependent on the conditions found at each site. Radar waves are attenuated (absorbed or scattered) by certain properties of the site's soil; the most important of which is the *electrical conductivity* of the material. Generally, better overall penetration is achieved in dry sandy soils; reduced penetration is achieved in moist, clayey or conductive soils. Radar penetration is excellent in massive dry materials such as granite, limestone and concrete. The following is a partial list of the approximate *dielectric constants* of certain materials:

MATERIAL	*DIELECTRIC/C*	**TSm (ns/ft)*	**TSm (ns/m)*
AIR	1	2	6.5
FRESH WATER	81	18	59
SEA WATER	81	18	59
SAND-DRY	4-6	4.5	15
SAND-SATURATED	30	11	36
SILT-SATURATED	10	6	20
CLAY-SATURATED	8-12	6	20
DRY SANDY COASTAL LAND	10	6	20
MARSHY FORESTED FLAT LAND	12	7	23
RICH AGRICULTURAL LAND	15	8	26
PASTORAL LAND, HILLY	13	7	23
FRESH WATER ICE	4	4	13
PERMAFROST	4-8	5	16
GRANITE (DRY)	5	4.5	15
LIMESTONE (DRY)	7-9	5	16
DOLOMITE	7-8	2.5	8
QUARTZ	4	4	13
COAL	4-5	4	13
CONCRETE	6	5	16
ASPHALT	3-5	4-5	13-16
SEA ICE	4-12	4-7	13-23
PVC, EPOXY, VINYL POLYESTERS, RUBBER	3	4	13

TSm = Two Way Slowness

Compliments of
Sub-Surface Informational Surveys, Inc.
E. Longmeadow, MA 01028-0452

REPORT NOTES

DATE _____

DATE:_____

DATE: _____

DATE: _____

DATE: _____