

IMMEDIATE INVESTIGATION WORK ASSIGNMENT FIELD INVESTIGATION LETTER REPORT

WORK ASSIGNMENT D003825-51

1ST AVENUE AND EAST 90TH STREET UPPER EAST SIDE SITE NO. 2-31-008 NEW YORK (C), NY

Prepared for: NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION 625 Broadway, Albany, New York

Erin M. Crotty, Commissioner

DIVISION OF ENVIRONMENTAL REMEDIATION BUREAU OF HAZARDOUS SITE CONTROL

> **URS Corporation** 640 Ellicott Street Buffalo, New York 14203

> > Final January 2004

FIELD INVESTIGATION LETTER REPORT FOR THE IMMEDIATE INVESTIGATION WORK ASSIGNMENT 1ST AVENUE AND EAST 90TH STREET SITE ID # 2-31-008 UPPER EAST SIDE, MANHATTAN, NEW YORK

Prepared For:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF ENVIRONMENTAL REMEDIATION REMEDIAL BUREAU B WORK ASSIGNMENT D003825-51

FINAL

Prepared By:

URS CORPORATION 640 ELLICOTT STREET BUFFALO, NEW YORK 14203

JANUARY 2004

N:\11173261.00000\WORD\1st Ave & E 90th St Letter Report - Final.doc

January 20, 2004

Mr. David K. Harrington, P.E., Project Manager New York State Department of Environmental Conservation Remedial Bureau B Division of Environmental Remediation 625 Broadway Albany, New York 12233-7016

Re: NYSDEC Standby Contract, Immediate Investigation Work Assignment No. D003825-51 1st Avenue and East 90th Street, Site ID No. 2-31-008 Final Field Investigation Letter Report

Dear Mr. Harrington:

URS Corporation (URS) has completed the Immediate Investigation Work Assignment (IIWA) No. D003825-51 field investigation at the 1st Avenue and East 90th Street site, located in the Upper East Side of Manhattan, New York City, NY (Figure 1). In accordance with the NYSDEC Project Work Plan (NYSDEC, September 4, 2003), permanent conduits for soil gas sampling were installed at twenty-four locations. Soil gas samples were collected from each location to evaluate the condition of the soil gas beneath the area.

The field investigation included obtaining utility clearances, installation of 24 permanent conduits for soil gas sampling, sample analysis performed by Air Toxics, Limited, located in Folsom, CA and surveying. This letter report summarizes the field activities and analytical results. A site plan based on the survey performed by YEC, Inc. is presented in Figure 2. Soil gas monitoring point locations are shown on Figure 3. Figure 4 shows all detections from the analyses of soil gas samples collected on November 11 and 12, 2003. Figure 5 shows the detections for only tetrachloroethene and its breakdown products. Tables 1 and 2 provide a summary of all detections in the soil gas samples and field quality control (QC) samples, respectively. Table 3 lists the analytical parameters, with tetrachloroethene and its breakdown products identified by an asterisk. This report also includes: field notes, field logs, and site photographs (Attachment A); a Data Usability Summary Report containing complete validated analytical results (Attachment B); and the site survey notes and drawing (Attachment C and D, respectively) for the October 27 through November 12, 2003 field investigation.

FIELD ACTIVITIES

Twenty-four permanent soil gas conduits (SG-01 through SG-24) were installed by Zebra Environmental Corp. (Zebra), under the direction of NYSDEC and a URS geologist. The locations of these conduits are shown on Figure 3. All locations were installed through sidewalks. Rotary concrete drill bits were used to drill through the concrete sidewalk. Using a Geoprobe 6610DT[®] hydraulic push unit, a 2.125 inch outer diameter (OD), and 2.0 inch inner diameter (ID) macrocore sampler with a 1.85 inch diameter acetate liner was advanced to a depth of approximately 9 feet below ground surface (bgs). During installation of the first soil gas point at location SG-01, the hole collapsed into itself, limiting the amount of sand which could be placed around the implant. The anchor and implant for location SG-01 were directly driven to 8 feet bgs. After SG-01 was installed, the procedure was then modified, with NYSDEC approval, to collect a soil sample. Soil samples were collected for two reasons: 1) to classify and document subsurface material; and 2) to allow for backfilling the soil-gas conduits with new sand. An

anchor was set at the bottom of the boring. A six inch long stainless steel Geoprobe[®] vapor sampling implant was inserted down the borehole and connected to the anchor, positioning the implant between eight and nine feet bgs. Polyethylene tubing (3/8 inch OD) connected to the implant was extended to the top of each well, where it was cut above the ground surface. The boreholes were backfilled with clean sand to a depth of approximately 1.5 feet bgs, followed by approximately 6 inches of bentonite pellets. The conduits were completed with 2 inch diameter aluminum flush-mount protective casings, secured with approximately 1 foot of concrete. The end of the tubing was coiled to fit into the protective casing. The flush mount casing cover was secured with a 9/16 inch bolt. Between well locations, the downhole equipment was brush-cleaned by Zebra. The majority of the spoils were disposed of onsite, on top of the bentonite and below the sidewalk. The remaining amounts of spoils, along with used geoprobe acetate liners were taken by Zebra to their shop, for proper disposal. No other investigation-derived wastes (IDW) were generated during this investigation.

On October 31, 2003, an inventory of dry-cleaner and laundry service establishments was performed in the area surrounding the 1st Avenue and East 90th Street neighborhood. Of the 14 businesses identified, three currently provided onsite dry-cleaning services. A sketched map and listing from the inventory is provided with the field notes, field logs, and site photographs in Attachment A.

Soil Gas Sampling

Twenty-four soil-gas samples plus quality control (QC) were collected on November 11 and 12, 2003. Blind field-duplicate samples were collected at locations SG-01 and SG-22 using T-fittings provided by Air Toxics. An equipment blank and ambient blank were also collected for each day of sampling. Prior to sampling, a vacuum pump was used to purge the standing air in the soil-gas conduits for approximately five minutes. One-liter (L) Summa[®] canisters fitted with flow controllers were provided by Air Toxics. The flow controllers were pre-set by Air Toxics to collect the sample into the Summa canister over a twenty-minute period (i.e., at the rate of approximately 0.04 L per minute). Each Summa canister was filled by using the Summa canister's vacuum pressure to draw the sample. Copies of the completed Summa Canister Sampling Field Data Sheets from the sampling event are provided in Attachment A.

All samples were shipped under chain-of-custody (COC) via Federal Express to Air Toxics. A summary of detected analytes is presented in Table 1. Table 2 summarizes the Field QC samples. The samples were analyzed for volatile organic compounds (VOCs) listed in Table 3, following a modified USEPA Method TO-14A. The method was modified by utilizing a direct injection procedure in place of a sample concentration procedure. This modification was approved for use by the NYSDEC project manager prior to commencement of fieldwork. The detected compounds and concentrations are shown on Figure 4. Detected concentrations of only tetrachloroethene and its breakdown products are shown on Figure 5. The complete validated analytical results and Form Is are presented in the Data Usability Summary Report in Attachment B. The Form Is include the sample reporting limit for each compound.

Surveying

All permanent conduits for soil gas sampling were surveyed during the field investigation by YEC Inc. for location and elevation. All surveying was performed under the supervision of a New York State licensed land surveyor. Copies of survey field notes and site sketches are provided in Attachment C. A site survey drawing is provided in Attachment D.

2.0 TABLES, FIGURES, AND ATTACHMENTS

The following tables, figures and attachments are included as part of this IIWA field investigation letter report:

| Tables | |
|----------------|--|
| Table 1 | Summary of Detected Analytes - Soil Gas Samples |
| Table 2 | Summary of Detected Analytes - Field QC Samples |
| Table 3 | Summary of Parameters Analyzed by Modified Method TO-14A |
| <u>Figures</u> | |
| Figure 1 | Site Location Map |
| Figure 2 | Site Plan |
| Figure 3 | Sampling Location Map |
| Figure 4 | Soil Gas Analytical Results |
| Figure 5 | Tetrachloroethene and Breakdown Products |
| Attachments | |
| Attachment A | Field Notes/Field Logs/Site Photographs |
| Attachment B | Data Usability Summary Report - Including Form Is |
| Attachment C | Survey Field Notes and Site Sketches |
| Attachment D | Survey Drawing |

Should you have any questions or comments, please do not hesitate to contact me at 716-856-5636.

Sincerely,

URS Corporation

Charles E. Dusel, Jr. Senior Project Manager

cc: George Kisluk -URS Edmund Berry - URS (Wayne, NJ) File: 11173261 (C-1)

| Location ID Sample ID | | SG-01 | SG-01 | SG-02 | SG-03 | SG-04 |
|-------------------------------------|-------|----------|-----------------------|----------|----------|----------|
| | | SG-01 | SG-25 | SG-02 | SG-03 | SG-04 |
| Matrix | | Soll Gas | Soil Gas | Soll Gas | Soll Gas | Soll Gas |
| Depth Interval (ft) | | • | - | • | - | - |
| Date Sampled | | 11/11/03 | 11/11/03 | 11/11/03 | 11/11/03 | 11/11/03 |
| Parameter | Units | | Field Duplicate (1-1) | | | |
| Volatile Organic Compounds | | | | | | |
| 1,2,4-Trimethylbenzene | PPBV | | | | | 10 J |
| 1,3,5-Trimethylbenzene (Mesitylene) | PPBV | | | | | 4.5 J |
| Benzene | PPBV | | | | | 2.9 J |
| Chloroform | PPBV | | | 3.9 J | | 21 |
| Ethylbenzene | PPBV | | | | | 6.4 J |
| Methyl tert-butyl ether | PPBV | | | | | |
| Tetrachloroethene | PPBV | | | | | 7.1 J |
| Toluene | PPBV | | | 51 | | 28 |
| Trichloroethene | PPBV | | | | <u> </u> | |
| Xylene (total) | PPBV | | | 4.2 J | | 41 |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value. Blank - Not Detected PPBV - Parts per billion by volume.

| Location ID | | SG-05 | SG-06 | \$G-07 | SG-08 | SG-09 |
|-------------------------------------|-------|-------------------|-------------------|-------------------|----------|-------------------|
| Sample ID Matrix | | SG-05 Soll Gas | SG-06 Soil Gas | SG-07 Soll Gas | SG-08 | SG-09 Soil Gas |
| | | | | | Soil Gas | |
| Depth Interval (ft) | | • | - | - | • | - |
| Date Sampled | | 11/11/03 | 11/11/03 | 11/11/03 | 11/11/03 | 11/12/03 |
| Parameter | Units | | | | | |
| Volatile Organic Compounds | | | | | | |
| 1,2,4-Trimethylbenzene | PPBV | | | | | |
| 1,3,5-Trimethylbenzene (Mesitylene) | PPBV | | | | | |
| Benzene | PPBV | | | 16 | | |
| Chloroform | PPBV | | | | 4.8 J | · |
| Ethylbenzene | PPBV | | | | | |
| Methyl tert-butyl ether | PPBV | | 66 | | | |
| Tetrachloroethene | PPBV | 6.7 J | | 33 | 34 | |
| Toluene | PPBV | 32 | | 87 | 180 | |
| Trichloroethene | PPBV | | | | | |
| Xylene (total) | PPBV | | | 10 J | | 6.4 J |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value. Blank - Not Detected PPBV - Parts per billion by volume.

| Location ID Sample ID Matrix | | SG-10 | SG-11 | SG-12 | SG-13 | SG-14 |
|-------------------------------------|-------|---------------------------------------|-------------------|-------------------|-------------------|-------------------|
| | | SG-10 | SG-11 Soil Gas | SG-12 Soil Gas | SG-13 Soil Gas | SG-14 Soil Gas |
| | | Soll Gas | | | | |
| Depth Interval (ft) | | • | • | • _ | • | - |
| Date Sampled | | 11/12/03 | 11/12/03 | 11/12/03 | 11/12/03 | 11/12/03 |
| Parameter | Units | | | | | |
| Volatile Organic Compounds | | · · · · · · · · · · · · · · · · · · · | | | | |
| 1,2,4-Trimethylbenzene | PPBV | 5.2 J | | | | |
| 1,3,5-Trimethylbenzene (Mesitylene) | PPBV | 3.7 J | | | | |
| Benzene | PPBV | | | | | |
| Chloroform | PPBV | 3.4 J | 12 J | 4.2 J | 4.1 J | |
| Ethylbenzene | PPBV | | | | | |
| Methyl tert-butyl ether | PPBV | | 12 J | | | |
| Tetrachloroethene | PPBV | | | | 9.5 J | |
| Toluene | PPBV | 330 | 110 | | | 62 |
| Trichloroethene | PPBV | | | | | |
| Xylene (total) | PPBV | 14.8 | | | | |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value. Blank - Not Detected PPBV - Parts per billion by volume.

| Location ID | | SG-15 | SG-16 | SG-17 | SG-18 | SG-19 |
|-------------------------------------|-------|----------|----------|----------|----------|----------|
| Sample ID | | SG-15 | SG-16 | SG-17 | SG-18 | SG-19 |
| Matrix | | Soll Gas | Soll Gas | Soll Gas | Soll Gas | Soil Gas |
| Depth Interval (ft) | | - | • | - | • | - |
| Date Sampled | | 11/12/03 | 11/12/03 | 11/12/03 | 11/11/03 | 11/11/03 |
| Parameter | Units | | | | | |
| Volatile Organic Compounds | | | | | | |
| 1,2,4-Trimethylbenzene | PPBV | | | | | |
| 1,3,5-Trimethylbenzene (Mesitylene) | PPBV | | | | | |
| Benzene | PPBV | | | | | 3.4 J |
| Chloroform | PPBV | 3.6 J | 6.4 J | 28 | | |
| Ethylbenzene | PPBV | | | | | |
| Methyl tert-butyl ether | PPBV | | : | | | |
| Tetrachloroethene | PPBV | 14 | | | 12 J | |
| Toluene | PPBV | 41 | 70 | 290 | 22 | 150 |
| Trichloroethene | PPBV | | | | | |
| Xylene (total) | PPBV | | 4.9 J | 5.6 J | | |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value. Blank - Not Detected PPBV - Parts per billion by volume.

| Location ID | | SG-20 | SG-21 | SG-22 | SG-22 | SG-23 |
|-------------------------------------|-------|----------|----------|----------|-----------------------|----------|
| Sample ID Matrix | | SG-20 | SG-21 | SG-22 | \$G-26 | SG-23 |
| | | Soil Gas | Soll Gas | Soil Gas | Soll Gas | Soll Gas |
| Depth Interval (ft) | | • | • | | • | |
| Date Sampled | | 11/12/03 | 11/12/03 | 11/12/03 | 11/12/03 | 11/12/03 |
| Parameter | Units | | | | Field Duplicate (1-1) | |
| Volatile Organic Compounds | | | | | | |
| 1,2,4-Trimethylbenzene | PPBV | | | | | |
| 1,3,5-Trimethylbenzene (Mesitylene) | PPBV | | | | | |
| Benzene | PPBV | | | | | |
| Chloroform | PPBV | | 9.2 J | 3.8 J | | |
| Ethylbenzene | PPBV | | | | | |
| Methyl tert-butyl ether | PPBV | | | | | |
| Tetrachloroethene | PPBV | 9.1 J | 64 | 12 J | | |
| Toluene | PPBV | 140 | 1,100 | 96 | 87 | 75 |
| Trichloroethene | PPBV | | | 24 | 8.5 J | |
| Xylene (total) | PPBV | 8.3 J | 7.6 J | | | |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value. Blank - Not Detected PPBV - Parts per billion by volume.

| Location ID | SG-24 | |
|-------------------------------------|----------|----------|
| Sample ID | SG-24 | |
| Matrix | Soil Gas | |
| Depth Interval (ft) | | • |
| Date Sampled | | 11/12/03 |
| Parameter | | |
| Volatile Organic Compounds | | |
| 1,2,4-Trimethylbenzene | PPBV | |
| 1,3,5-Trimethylbenzene (Mesitylene) | PPBV | |
| Benzene | PPBV | |
| Chloroform | PPBV | |
| Ethylbenzene | PPBV | |
| Methyl tert-butyl ether | PPBV | |
| Tetrachloroethene | PPBV | |
| Toluene | PPBV | 160 |
| Trichloroethene | PPBV | |
| Xylene (total) | PPBV | 4.2 J |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value. Blank - Not Detected PPBV - Parts per billion by volume.

Only Detected Results Reported.

N:\(1173261.00000\DB\Program\Program.mde Printed: 1/19/04 1:41:20 PM [MATRIX] = 'Ge'

| Location ID | | FIELDQC | FIELDQC | FIELDQC | FIELDQC | |
|----------------------------|-------|---------------------|-------------------|---------------------|-------------------|--|
| Sample ID | | Amblent 1 | Field Blank 1 | Amblent 2 | Field Blank 2 | |
| Matrix | | Gaseous QC Matrix | Gaseous QC Matrix | Gaseous QC Matrix | Gaseous QC Matrix | |
| Depth Interval (ft) | | - | - | - | - | |
| Date Sampled | | 11/11/03 | 11/11/03 | 11/12/03 | 11/12/03 | |
| Parameter | Units | Ambient Blank (1-1) | Field Blank (1-1) | Ambient Blank (1-1) | Field Blank (1-1) | |
| Volatile Organic Compounds | | | | | | |
| Methylene chloride | PPBV | | 3.0 J | | | |
| Toluene | PPBV | 3.7 J | 3.8 J | 12 | 7.6 J | |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value. Blank - Not Detected PPBV - Parts per billion by volume.

Only Detected Results Reported.

N/11173261.00000\D8\Program\Program.Program.mds Printed: 1/19/04 1:40:11 PM [MATRIX] = 'GQ'

TABLE 3SUMMARY OF PARAMETERS ANALYZED BY MODIFIED METHOD TO-14AFIRST AVENUE AND EAST 90th STREET

| 1,1,1-Trichloroethane | Carbon tetrachloride |
|--|------------------------------------|
| 1,1,2,2-Tetrachloroethane | Chlorobenzene |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | *Chloroethane |
| 1,1,2-Trichloroethane | Chloroform |
| *1,1-Dichloroethane | Chloromethane |
| *1,1-Dichloroethene | *cis-1,2-Dichloroethene |
| 1,2,4-Trimethylbenzene | Dichlorodifluoromethane (Freon 12) |
| 1,2-Dibromoethane (Ethylene dibromide) | Ethylbenzene |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114) | Methyl tert-butyl ether |
| 1,2-Dichlorobenzene | Methylene chloride |
| *1,2-Dichloroethane | *Tetrachloroethene |
| 1,2-Dichloropropane | Toluene |
| 1,3,5-Trimethylbenzene | *trans-1,2-Dichloroethene |
| 1,3-Dichlorobenzene | *Trichloroethene |
| 1,4-Dichlorobenzene | Trichlorofluoromethane (Freon 11) |
| 2-Propanol | *Vinyl chloride |
| Benzene | Xylene (total) |
| Bromomethane | |

Samples analyzed by modified Compendium Method TO-14A, *Determination Of Volatile Organic Compounds (VOCs) In Ambient Air Using Specially Prepared Canisters With Subsequent Analysis By Gas Chromatography*, Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition.

* - Tetrachloroethene and its breakdown products.



111112362.00000 gis/1st90thstreet.apr SITELOCATION



FIGURE 2



1/11173261.00000/DB/GIS/90th.apr SAMPLE LOCATION MAI





ATTACHMENT A

FIELD NOTES/FIELD LOGS/SITE PHOTOGRAPHS

URS 1st Ave & East 90th short Job Description <u>Scinvey</u> of Dry Cleavers/ Laundromatic

| Project No. | | |
|-------------|-----|--|
| Computed by | CP. | |
| Checked by | | |

Page ____ of Sheet / of 310/31/03 Date Date

Reference



Page _____ of _____ Job 1st Ave & East 90th Sheet Project No. _____ Sheet <u>2</u> of <u>2</u> Description Dry Cleaners / Laundant Computed by <u>CD</u> Date 10/51/03 sawy Checked by _____ Date Reference type of service provided comment. Name advess (212)-831-2807 () Neizhbahood 1746 Ave Caundyt Clemer Nodry cleaning on pravis (NDR) small shop in fervillard - worked ONCY Cresher (dry en (w/D) Neva dal an-site Clamers 1742 1Stave NDC 212 828 -6949 ship everything and very small she fimt shop. Expect tor (surg . No wakes or dyen 1741 1st Avego Ast () Super Rich Coundromat 860 - 7973 OWLY W/D Send out all Dry Cleaning (CD used) @ I VOry 1729.31 sad out all Dc Smal) clamers. No W/D 348.0161 (5) KC Dy E 301 deop off ONLY finy she fint Clowing + East 90th Laundry 876-4074 @ Youkville Lounbornet only 1733 24 Ave No phase # Layndrom of tailour. 722-0933 all american O Claners 1736 ZNJ AVE drop off ONY Very small 2/2 831-00 40 8-10 employes (Dry cleaning unit pressing - se 8) KNick-erbucker [767 zodAne. longest operation No evidence of spills Claundry, pressing const evial (9) Apple's clanars 300 E. 91⁴ drop off Country 722-0024 10 Laundromat 324 W/DONLY drop off service only 987-6683

URS Page _____ of ____ Sheet 3_ of 3_ Job Project No. _ cont. CD Description _ Computed by __ Date Date 10 Checked by _ a.M. Reference Next to 1) Chus Caundry Laundmanat 1771-1773 212 876-8789 ONY 1 st Ave (12) East River 1779 1 Dr/ Cleanity Cleaners, 1st Ave unit Closed loop 3 ~ 20gd work contailer. Yery clear enciete pol enciend area. for indone three in summary only two cheavers provided on-site duy cleaning # 5 8+12+14 willialon revised up 102 located on the west side of 2Nd Ave and just to South of 89th of Lawaldromat owny (D) locatel on the east side of Dry clawily on premises 1st Ave al just to the south of 89th street.

Vielctions, ちょくん ticketS × ウスノス・ Luke - Sau's batter ł N 15000 (1-1 1 + 4 + 1) Check + 4 + 1 120 Drivi kiej: 600 mare 6410 07 5 シュノセク 5120 44 6 6 6 0 16 1. 4 70 (brouten & halper: ST Ave + E 20 St しょくら ton rot 、みない per 101 - 1 - 1 evicina ر م 5 Check ナトル 107 1100+ 52 * Trea 1.5 ~ 2 0630-0700: Travel tite レイーの to 5:40 no Lo 0000 , ***** 0(41-620): 500-(550-9230 Be withey Notes taken by Edmund Berry Sike Geologist has u 0: 716- 556-5636 F: 716-556-2635 Mike Mureun C: 631 - 534 - 5268 0:212-609-5092 D: 212 - 607 - 8099 Zehn (Lunbrok) 0: 511 - 594 - 6300 f: 514 - 546 - 4422 C: 716-353-3014 D: 845-268-1203 f: 645-268-1203 Stakes Chueld Dusel Ed chen Curt し国メ

) whie f gense 5 X U.C. 7 M N N Loz × * * - jej 2.3 is us a frater time than site caded chi wardouts · Dericer 42. 4 Junole te うちい 1 (1) 22/3 ţ chue la inter that tien to stoo to Wanthing エノトラシナ いてい local たもとち 2 14 2 1 + 1 - 1 - - -6 623 Shr bucles していた 2.211/2 10-10 720 LECN : chrere 3 I لم 24110 2 0 2 6 0 121 とっして Jo Μ C: de ł 154 2 710 Ś 04 00 EI え 2 1. £ 000 ц. т. ۲ 0 000 <u>(</u> numitarmai the chowing tot other new inc Ew. DSC z.z Diste 10 that maric-duts veador) - the Mitting | Server · · bear the 3 6 P101 252 No wornes Chuck rut.ton 6 rape 3 242 Mu 注 KA to day. CONTRACT beco 963 Dave 1 40 Dx45 rm Xe シッナ・ビュ Churk arred Oxy 1:1 Call キーっち an ch PAN A マゴの ۲ د ۲ 53 Z 3 10-27-03 . × . » [`] 0830: • .3 • 2 ۔ ج• , . . • 2 , . 0930 аř 1 R. 1. 1. 1. 1. 1. 1. 1. 1. .1 .

Soluce 4-24 5. <u>ب</u> ک to cluck erry t ty Frand Car # 24. He 1 + 1 - 1 = 1 Cerl Ś ちょくん the minutes. 4 5 л: ? there with . -として ar i viels i Thru New ain ins 0 64 MAET YEAVES し、こ anti ere 111.7. ーのよう 1000 : Enstern 90 do the bet 21 ST 462witth Cen 1000 . 40 1045. 340 E もと Sian · xardin 24 2 2 X 0 - 28 - 03 いい : 0640 2 ž reusen nin ちろー 0630 . to 0700 : travel time to site, 120 1000 Meet w/ chuck 12.7 cumpt of ed. Durner In La Sugs Plant Luke 22 0 500 : Check Per why the 07:0 to 07:0 : Atompt to loca te proteins UNAT Erecot Rea mark outs - no warde out to the Keer 12 w tr. your to be complete 0630 : Dailte (Stu) the attends mer lear the will with helpon + 1 deternine - loud 10 Cr M DAUC 20-28-07 |I| ين. مو י ב- ^ל אל 0815 ... £ 12 conduct 100197 200 . 0730 . ie 2 イ

202 2 PLSAT, キンノチ・ 69 5. 643 H H H Stro 4 2 607 + 16 4 4 8 (5 + 2) (5 + 1) 4 5 いたち set 17 3 Flucturen Hoterian / 751 2 Corl Macrocone Sam Vapor Supling Sct 304 5 + 41 1 10 55 1-02. らだよのと + 1300 : 2422 Sct Zunse barber H R 1315 1: 30912 . 3 ++ ++ ++ 00 ··· 1010 K É T 1430 Ben X # <u>c|</u>241 107 14041 2 2 2 V ;) 10-25 12101: ₹ 下 12:57 2 \$3 **ک** <u>...</u> * · · Jug Ż 120 5 - 1 6 5 5 (\$ 1 ush mount). 201 Set V Nead Coras STAR LATA Macro core Scarples clea with the + Schill h her 1215 : Por ace 1 てのした walle to sturvices steed S S 125 Cof Prillar Oppius * S tr - d 10A F this might such sund sand 51.13 auch 1-1-1-4 Frant 70 54 approved 7 200 dn Deve Jur K 1-2-16 する 141 200 Jark . **E** W 25-02 Set a 6" . . 0 4C 7 1 HA LEAD Ar < + ulins () OF SA 5 3 4 Ve 600 શ 101 319 2 ×, 2 ---. . . 5/1 エ . 3

6 90 th St : .) May we y + c/raning 10-28-03 61 695 Work ends 4 202 Uta tow th 5c+ Ś 1240 u de la しょしをん 1 m p 1 4 h-7 4 2 H we 535 12242 20 2 (1)0(1) 2 2 10 40 220 3031 . 59-0 fluteness +)stratates 2 5 5 5 1 · · · 0 un el ard 2 00 · 5.7.7 Not 1, 1500 המשן כ · S G - 0 3 lectere work 3 S(r- 0:1 = beckpre work 42.4 42 SG--01 6 etare world Phir C Ŵ tarken by PICTUEES SG-03 before Are : Arca torary L þ i ame (Phurutyt) merete is (1) Lev. 0 Pevernent Ara Are Picture Chuck **** which . 56-15 b rolc c 21-125 عسمالك イーレ ~ ~ ~) . . م 2 9 7 1

た て 0 00%00 , N ; 9 U1 + 2 Some 925 Carc 1+42 CUM IN HO 2 たうう ---0 Some It-C EN CV 6 s: t 1+ 4-16 Northan T 41 51) 2. Alchaum mp 1 an + ن د م chan s l <u>۳</u> ۲ 0145. *****+ P (0) # () Wer think of フィンの Lur n n a trat trac gaych さき 2 Sand مل ר ר ג 10-24-03 0115 : 5 - 1 141 0120 H 30 0620 0146 3 th л И Arrive + 100K for 5 partering. Noclente 6et. 3251333 E. 90 th St attens to to 4.1 multises heterton. ļ 100 じいい 1 St Avenue + 90th St ansire to olif Pravio 0815 to 083.3 : Calibyth 40 いろう purkins air , true N & I MW 1 0 d og : Truci 4 Selin outsite too 9945 Drinte Heavy + Chris Doiler harry L. Gird J/ Nav 10-29-03 <u>z</u> • ł •• es. 205 00 20 0630 0 800 160 0843 オ

4 44262 (1 d) /10 c intrate 5:1 stainler (Jene 2 Stell vapur 54mpl whenty S garit law 1 1 1 1 2 2 2 thut mint) img 1 6 1 4 1 : 31+1-1-4) معمد (<u>z</u> Č たいろ Ning world \$. Win Hiw Cu 2.45 march) 2 - 2 1. 1. 1. N. 11-21-03 21010 1120 کر رخ 1200 6,0 11 , ret + 12, 5-2: 5:14 8 1mt res 1 (1" Fluch munt) + tais 100 1+cc1 value yove de at 9' bas t bnick tec < for the third 7 1 641 06 5410 , 1/4 6euto IIIS: Pic pare tor thursed wy 1745 10-195 x3 x40-07 course to Sound silt trace cuert min 22 (ma 451 . 1015:5-1:3" June 710 = 0 s curl ent t wenth wid t-4 10-24-03 2 10201 1020 ar, 00]]

¥ \$0 J YWWY 5 sto car 50 2322 0-4 56--02 いたい 5 E9154 4+ 332 している Letujn+ at chonce SCA × 5 60 すち · · (Frush yer A) Gre 5 4 - 8 Jobar ト ž 741 10 44 46 1420 : 59 イイ 1405 1350 L J Phile/ 2710000 9 7 6 イト とう Μ 1415 Mar 16 1 5+001 F.9 (0 ş Ţ 4 9 7 0-24 9 ١ 0201 1300 345 6 HIS 1 2 avit, ł Vel: are to 1300 : 500 1 6" ("flushmant) stam->" concrete mich with and and weytherder concerte N N 14 2415 910=0 rm-J 500 steel vapor オーい spect it d at 9' Stupling inplant o Bry incol i var () / インヤ 42.60 61.17 200 5:1+ + clay traice (und 1462 220:51. mape 210 % 544 6 د د جد ب 1 mes 100 ん - / - / - / 1749 10-27-01 7470 •• 1. W. & . . . 225 222) S S. S. S. L. J.

cali brach detector ¥. É. 91 St). 1 tory m 100 Tshow ېر 21) 1064 4 04 14:01 vicce. £ 520 St AN + 90 th St-1 ころころ the and ten. Mult: 5 43 00 51010 2 2 2 04 124 - N 1027 20+ 2 Wintuck: clim - 07 .0 : Thur elle of dus 306+ -Jeket 262 sur vcs phi king 10 + 30 103 puls 5,400 2 Ter 1 07.00: 20700 0630 15.10 ... Set 6" ver all Macrocer 10 C \$ 11 2 ms 5 51544 flockmant) chielers 1 2 2 Cltan scu o 6 c ant in a 51 10-4, 4-8). ÷ 1430 : い ろ 一下すう • 6550 Re. 4 VCRON 512 しょい (24 125° Lant N 1400 4 Ś. 9 , in the second an -Wth that 10-29-03 1430 1645 1500 1425

もし 25472 1 (in that of schill Stain 100 13/21 + 3 いちょう Mein 1 ٢ 0945 : Papunia moton + an choird of Lud and 51 (0-4) 100 5 56-13 Sam 6.11(2+1/15 h wo va +) Loco to Loob :: 5 0170: 5.50 1 - 01 ر. د ک < + > Varo + 1010 + AV K St work at S and alles (ant 10-20-03 5 2 5 くろ 0130 40 1224 Ň 11 0150 1010 1005 + Nacocen very thin Shel read Stapler when it some (1 /2 (us h want) stain -2020 : 0200 My wo cont + (1-0) 15 (2)10-11 + 1-0 4 ~ + ~ とつ 2 all hored SG--ナいごに 1.2 4 0825 Ha, 0845: 1 242 1 Ship 128 : 51 4 0100 + 0 0 405 = (The contract of the contract (2+1) ~~ ر ۲ ، ۲ 1/24 .: 77 0420 - 05251 Ì work at 0745-0515 9 (635. inglant Very 70 1 Cent fur みい Ś 10-30-03 1263 0 5 5 1 2 2

and the second se

when + w 3.4 th souther () to 1145: Set a 6" ()" Philipment) Stain (es start 4 Maracent 120 5 his cocor -par Macro N <u>+-0)</u> R efest Alle 23/21 1-0 r). 0 <u>к</u> К Kun 1 2 2 2 44 1120 : 4.05 5-2/4-8). .(4-8). 00 202 11.50 40 11 10 5 tunples 4 ر و 4md/n or d offset a zi to ** 00 set ~ -インレーノ 0-30-03 \$ Loort イン 4 à *t* -5 اا د 1050 045 1130 2 14 - 8) - 7-m Surd ۱ ۴ < multi vour este 5 2025 1020 2 2 4 Vint Lehre 10-4) - 31, 2 - (H-0) もん 5 1 · Stainits Steel くついっても 1045 : 5et le " wanthever a よく - Val + } 5246 5 S COVA ~ ~ H-m cauch Ft m clark シイクト : tois: 34 CHCRF K - 4 53 t usign t 14) emerty 0 - 5 Nen V 4 10-30-07 ふ 5 -¢ 1 4 S (1,0 2 m) 1.61 2 (2 Lo 101 1010 ÷ ? * 3 jî N

cleart <u>, 1</u> , 1 U M 9 (4) 1 ino lant (1" f(us 4 mo me F) stria (5 st Ż che mole e 5 50 1 4 405 - 00 K1 et エレイ 73 1415 auchorrol 7 10-30-03 1202 هبہ . 72 <u>،</u> U00 1415 375 Munder ţ 10 to 1340: Set a 6" implant mehored at 91 by 3. Macrocope です Patolar ng 5-1 (0-H)+ Ave Uner t 1220: 70440 DHOWS Shr 1736 2 nd Arr 2 - 1 Ave holes + cleaning u 4-8). 0-4 +3 Mour sampling -• 1300: 1350 1345: 103 1-1-1-1310 world (54 14540 1200: Semp 125 54m 113 <u>,</u> ھ ہ ک 7 U wr k 1 [230. to f 10-30-03 ţ Ł. 0401 12,00 1705 1310 *. *. .

しょう ١ 1. 11 (12 PUNA MINULY) STA. A-Masser È 4 f wu dee this Jan 1 m < 54.25 (-1 (o + t) 1 23 SAA RLN 2 15120 2 (kuh 、と . . \ 0 4 5 ° . (4-ه. 1 アレ 3 inde * 04 5 Jo 1015 a minitas. 6 two 1 t × 11 + 51 and seek えら 4 ÷ + 10-11-03 0425 0 2 50 . 7.0 J. 2 3 - • Hind purching aniel V. <mark>ב</mark> ג 1 2 - 5 1 + 7 to outo it showing 4 56-1 Ave). pircing tickts. 2 Tauch time. 10,41.20 5 + \ 0125 : Rt Kusal the sinte 9. 22 Run 2, r' Kun ottot 2 12 1 2 A 100 161 45 Dr.:(122) per thing 151 *.*; 2124,045 15+ Aweyne + 0700 148 Levi n Acri ~ 1 10-31-03 ļ. .. t ١ 0 0500 0.7.0 0630 シャク 02 2160 ボ

Stee (2 120 F. 20 5725 ち(ないしょ) + Matrocen t Ave 21 27 3 t Lou suth cide 7 1. Flyshmant) stain 1240 In new 0-4) Dece くい Fren 435 (trin (21) 7 • at V494/ \$54 0 68 44 de mober. <u>₹</u> 3 in lerith 1315 : 07 4 1-5 1400 40 1430: April work 2 an ou or cl 124 HALANNET My S North 5421 mont d 4 300 lent-ex acroll seun 165 Perhan f 12 30 40 10-11-03 1 3 12-35 300 م رک いい يە. • • • æ ty made le D Curtine. へ ちょう ナ、 at 14/1 5-2 (4+6.5). Rehad autres : 1215 Ho 1225 - Hucrocon Scoplian 145 - 40 1155 : Mayoart 1 (1 - 1 - 1 - 1 +) + 5 ない 5 よっと and set ~ 31 to 5 Semities 1-1 (0-4) to 1145: 70 purion S: F 4+ 56-19 402 E90 5+) c cm Waltin) マットシント・ Va pur carborat 1 ~ OGLet N at 26.5 とらく so world £ chan winy 10.31-07 245 5422 vrr S . . 8t Juck im I lent 1445 . 1110 ţ 9
Presing er Make cert 1 2 2 2 4 4 - 8 -25.22 アーレンシー イト・シン 9054 t 544.55 It Avenue + 90 th St. . 1+0 S C 1 ere c Lor c 4 5 1 × C × · **m** 2054 7 6. 11 cd 12100 1210 world at ۴ 0.630 といろ 05 05 to 051 0 : HIT (HIT vap er イイン 655 (+ 2 + 107 4. 50 ~ 524, 105 2 È . 0730 6421 ¥ 5 2 4 • 5 \$ 0 l 0 10 0 2 1 2 0 0 0 0 0 06.90 > . ` WHAN Hund ared 20 C 000 4 Ì well. • to 144 5 -· 1 No do アシュノ 10- 31- 03 4 ーム ってと : ., ,/ ř ŧ



Ma ero core 2 35 . . . their lownas. were to river would + Curck t WRO 1 cups clot Y m 2" flue ly meres +) stainetes 1000 たち J Clean i 5 4 4 4 11 Nect aucheve 、よくの 5.1 4 いんた w lite 7 milt 5 mini teri my 675 com lett Priller F . ~ VULOV Ĵ. d a mill • . . . • • 1015-5 252 Dave 5 ho wind 11.00 • 1000 1 2 4 in olant 1030 くちん ム 1×1 of 7.1.4 NHUN Sewalts 1-4-05. J Steel \$ 5.2 ţ A 7 2 4 4 4 095 1000 6 (1) : 1015 1100 Ś

ك. SG-25 (entitur (0=04120) (rinner) e her 544/2 S Gun Alz 77 44.6 63 . . . イイク 1 50-07 512 F O 14155 a: A drent 10-02 SU-07 ſ 20440 22 59-19 2 2 2 504703 S •* 21-15 × 4 1 1 2 2 54 25 while un # • 1 W. 40 FCS チ 921 00 0011 トやく 12 5 -08 51 verlc <u>-</u> -シレーのと 3 ---Stondack 200000 1 4 50-08 いろう <u>≁</u>__2 11-11-03 × a × ما P しょしょく 54 -06. ンしょく **t** S T + 5 5 1 c t 120K 00 500 9 せ 23 * 3 pricate campie of 54-01 davisment いい Prestit 2 Y 10 65 : 2 2 4 mp (2) - Hyney) H-4 2 <1: 54× min 11: 45 0 561 wie ch (UN (S. Clour cr 54-0 \$ C . 4 4 1-01 5-0° (Auc + 20 0245 Vupurs Surcel 1 and 5 0100 4 thay in Sts: t z 4420 + varializ 0100 s N N 5 . د. ų f Year think Him Ir - tump 0130 40 \$ } Fine 4 Vupu and that 1 5 + ot in to 2 11-11-03 6 1 0 0 0715 6100

Contra and و! المط 56-14. a serve les 1 + 24 TH 02 H rach H + 240 1 1 たい 50-03 5 1111 عدديمات And Gient 2 .) K 1 1 Preparies Cultater figled blank 1. F. + 1 d Blank 2 h) ×104 + 10 - 12 t Pursing Pol : Prenning 50-15 Ard. + go the St. Co Reet 、こく、い、 Jer porto - course y 1-14 * C. C. + 54-01 2:4:4 fyre vaper weets ケーシッ ** 17 (۲) ۲۰ ۰ (۲) 4 2835- 0767: 07.5 8:12 20125 Churiston (10= 34134) there is he throws he 0630. 4 0715- 0535 シットに 50-14. 1 T were s Ż 1 . and the 11-12-05 Ţ : シントトット とちろ <u>-</u> --0 6 3 0 00 00 Ò * L'mi (320 · ? ? round clean in S cf. * Bezinnig Blank Storple. 19 o Aire Coll rest ا ردا .ر CLANT + Culler OA/ac Atorian - oder extra A Preseries 9 1 2 1 1 50 ft al thus controller. can istra 6 A rale ur . (**d**, **d**, 215(1) falein 4 + 1500: 1340 . 1400 Centrallar (+ 1501 Due li cut L'IL z × 15. 5 cm 1 23 Inple w 4 ちょうしつ 1. C. 1 405 1-03 \$ 7 ١ 1 9 OHCI 0761 7421 1400 . • • 1# 1

Western State

| | | | | | | | | | | | • | | | | | | | | | | | | | | | |
|---------|------|-------------------|---|---|---------|--------|----------|---|--------|----------|---------|---|---|----------|-----|--------------|-------|---------|-------|--------|---------|-------|----|----------|---|--------|
| . و | | h | | | 153 | - 15 | | | - | 2021 | •• • | | ivedes | 24. | ••• | 125 | ļ | liak | | 6 | 2 | 1 | | | | |
| | | Hurry | | | f S'sm | 15 (56 | ` | | the | 20 41 | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 4. 5 C - | | 2 2 2 | 12 21 | 4 Du | 22- | i cata | 6.00.2 | | | • | | |
| | 2023 | یں ہے ۔ ا ل | | ÷ | لمالف | r wo | 56-17 | | ressin | ر ۲ | - | | 2012 | | •. | عريديدا العد | 1 20 | 50-2 | 25 24 | c / 25 | - 26 | 1 = + | | Š | | - |
| · · · | : oh | 5 S (| ٢ | | 1 | Vh PU | ماري | | : 7 | 4 t | . 24 . | | s : p | 2 | | 5 - (| | ing his | 214 | 5 | - S - C | 110 | 52 | | 1 | |
| ~ ~ ~ ~ | - 10 | worl | 1-75 | | 111 | may | the | | 1210 | intim-NC | 5.0 | | 121 | 50 | | - 173 | from | ナセン | ~ * S | 2 | 3 | 6 | | 117 | | |
| 1 | 1005 | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | ا مدل م | ţ | * | | 1124 | | · · · · | | 1.1 00. | • | | 7451 | | | | | | | | - 1319 - | | ۰ ۲ |
| I | I | | 1 | 1 | I | I | 1 | I | I | | 1 | ! | · · | I | I | 1 | ्रा | . , I | • • [| | .' | 1 | l | 1 | | |

. ,

| | | 7.6. | _ | | | <u> </u> | | | | | BORING NO: | <u>56</u> | 01 |
|---------|--------|---------|----------|------------|--------|----------|-------|-----------|--------|------|----------------|-------------|---------------|
| PROJECT | [| | Ave | 1ve | + | 9074 | stn | ut | | | SHEET: | | 1 of 1 |
| CLIENT: | | NYI | DEC | | | | | | | | JOB NO.: 1173 | <u>-6(.</u> | 00001 |
| BORING | CONTRA | ACTOR | - 7 | 261 | n, | | | I | | | BORING LOCATIO | N: 34 | 40 E. 90 |
| GROUND | WATER | : | | | | | CAS. | SAMPLER | CORE | TUBE | GROUND ELEVAT | ION: | |
| DATE | TIME | LE | VEL | <u>דו</u> | 'PE | TYPE | | | | | DATE STARTED: | 10 | -28-03 |
| | | | <u> </u> | <u> </u> | | DIA. | | | | | DATE FINISHED: | 10 | -28-03 |
| | | | | <u> </u> | | WT. | | | ······ | | DRILLER: | <u> </u> | <u>ean T.</u> |
| | | | | | · · · | FALL | | | | | GEOLOGIST: | <u>N</u> | ed vern |
| | | | | | | * PC | | NETROMETE | R READ | NG | REVIEWED BY: | | |
| | | | | | | | · | | DESCR | | | | 4 |
| DEPTH | | | | BLC | DWS | | | CONSIST | INCY | | MATERIAL | | |
| FEEI | TIME | NO. | TYPE | PE | र 6" | ROD% | COLOR | HARDNE | :SS | | DESCRIPTION | | REMARKS |
| | | | | | | | | | | | •. | | |
| | 1041 | | | _ | | | | Med | ivm | 1 | | | 7 |
| | +- | | | vir | KN. | ATA | NA | | | | 410 | r | 10=0 |
| | | | | <u>۲</u> . | | | 1.4.1 | Den | ;e | 1 | | | (through |
| | 140 | | | 0 | at I | | | | | l | | ъ. | tubina) |
| | (1-17 | · . | | ┝─╀ | U7 - C | ſ | | | | l | | ÷ | |
| | | | | | | | | | | | | | |
| | | <u></u> | | | | | | | | | | | |
| 10 | | | | | | | | | | E | OB @ F | 1 | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | и | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | · · · | | |
| 15 | | | | | | | | | | 1 | | | |
| | | | | | | | | | |] | • 5 | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | - 1 | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| | ľ | | | | | | | | | | | | |
| | | | | | | | | | | 1 | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | ŀ | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | _ | | | | | | L | | | |

energy is a particular to the second

| | | | | UR | S Co | orpora | tion | | | | TEST BO | ORIN | G LOG |
|------------|-------------|-------------|---------------|-------------|----------|-------------|------------------|-------------------|-------------|---------------------------------------|-----------------|----------------|----------------------------------|
| | . 7 | 77 | 1 | | - , | A . L | 4 | | | | | - 0 | 02 |
| PROJECT | <u>r: /</u> | <u>,,,</u> | <u>Aven</u> | ve | + | 76+ | n 57 | * | | · | SHEET: | | <u>1 of 1</u> |
| CLIENT: | <u>/\</u> | <u>70</u> | EC | | | | | | | | JOB NO.: 1117 | 260 | 00001 |
| BORING | CONTRA | ACTOR | - 6 | <u>e 61</u> | R | · · · | | | | | BORING LOCATIO | DN: 5- | 10 E. 90 |
| GROUND | WATER | | | | | | CAS. | SAMPLER | CORE | TUBE | GROUND ELEVA | TION: | |
| DATE | TIME | | VEL | | (PE | TYPE | | MALTOCUTE | | | DATE STARTED: | 10 - | 28-0 |
| | | | | | | DIA. | | 1.5 | | | DATE FINISHED: | 10- | - 28-0 |
| | | | | | | EALL | | Direct | | | | 30 | an T. |
| . <u>.</u> | | | | | <u>.</u> | FALL * PC | | NETPOMETE | | | GEOLOGIST: | Ne | n Derr |
| | | <u> </u> | SAM | | | | | | DESCI | | | | |
| DEPTH | | | | BIC | ows | <u>,</u> | | CONSIST | | | MATERIAL | | |
| FEET | TIME | NO. | TYPE | PE | R 6" | ROD% | COLOR | HARDNE | ESS | | DESCRIPTION | | REMARKS |
| | | | M | | | | | | | N 10 | " Concred | e 1 | R (b) = b |
| | | 1 | Ĩ. | | 50 | | DACK | Madi | 144 | 1 1 | Provende and al | | r)v - 0 |
| | 1210 |)-1 | r v | D, | 1 | 15% | Bank | MILDUN | | S_C | Sand some | sit | Dry |
| | | | 0 | Ŷ | ULM | 4 | | D En J | 1 | + +- | m aravel | | - 1 |
| 5 | • | | м | | 1 | ł | | 1 | | 511 | trane for | - | DIDEC |
| | | 16.2 | A, | Dir | w | 251 | e wield | (| | 5.00 | d + f-m 11 | avel | |
| | 1215 | 1. ~ | | P | 1 | ~ 1 | Dam. | Γ . T | | + | C. A CAVA I + | bric |) Mois. K |
| | | | 0 | <u> </u> | 1501 | | 7 | | | <u> </u> | | | |
| | | | | | - | | | | | | | | |
| 10 | | ···· | | | | | | <u></u> | | | | | |
| | | | | | | | | | | Ē | 013 @ 9 | 1 | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | 1 | • | | |
| 15 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | · | | | | | | | |
| | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | : | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | 1 | | | |
| | | | | | | | | | | 1 | | | |
| | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | Í | | | | | | | | | | , | | |
| 30 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | _ | | | | | | |
| OMMEN1 | τs: ς | 21 | A. | 6." | 14 | 1. chm | orn+ | staint | 291 | • • • • • • • • • • • • • • • • • • • | PROJECT NO. | 1173- | 61.0000 |
| teel | Va, | ur | 5 4m/ | i lin | 4 | imp | lan + | eacher | e d | | BORING NO. | | ₩₩1 ₩220 |
| teel at | var | ur le a | s «mj 5. 6 | ~ `eoo | yel. | imp e 66 | Ian + ' VO DT | ancher drill r | e d id i | | BORING NO. | 56 | -0 |

جالية الاستفتحا للستنبيني ريحان

| BOLECT: $\int f = A_{LL}(M_{LL} + q_{0} + s_{1})$ LENT: $N \lor D EC$ LENT: $D \lor C F = 0$ LENT: $N \lor D EC$ LENT: $N \lor D E$ | | | | | UR | S Co | orpora | tion | | | | TEST B | ORIN | G LOG |
|--|-------------|----------|-------|-------------|--------|------------|--------|----------|----------------|---------|---------------------|---------------------|--------|-----------|
| DURET: $\int f = f d d d d d d d d d d d d d d d d d$ | | | | | | | | | | | | BORING NO: | 56- | - 03 |
| HENT: $N \neq D \equiv C$ HENT: $N \equiv C \equiv C \equiv C \equiv C$ HENT: $N \equiv C \equiv $ | PROJEC | Т: / | 57 | AULI | 111 | + | 90. | + 5 | † . | | | SHEET: | ¥ | 1 of 1 |
| RING CONTRACTOR: Zebra BORINO LOCATION: $30 \neq E.90^{+1}$ ROUNDWATER: CAS. SAMPLER CORE TUBE GRUND ELEXITOR: $30 \neq E.90^{+1}$ ARTE TIME LEVEL TYPE Machaire Core TUBE GRUND ELEXITOR: $90 - 25 - 03$ ARTE TIME LEVEL TYPE Machaire Core DATE FINISHED: $10 - 25^{-0} - 03$ ARTE TIME LEVEL TYPE Machaire DATE FINISHED: $10 - 25^{-0} - 03$ ARTE TIME LEVEL TYPE Machaire DATE FINISHED: $10 - 25^{-0} - 03$ SAMPLE Dia 1.5 ft Parter Direct DRUNC COGRIst Network SAMPLE SAMPLE POCKET PENETROMETER READING MATERIAL Scare (Transcender) REMARKS EPTH No. TYPE PER 0" RODM COLOR CONSISTENCY MATERIAL PENETROMETER (115 5-1 TYPE PER 0" RODM Color GRUNCH Scare (Transcender) PENET 131301 5-2 to TYPE TYPE< | CLIENT: | <u> </u> | VYD | EC | | | | | | | | JOB NO .: [[17 | 1261. | 00001 |
| CAS. SAMPLER CORE TUBE GROUND ELEVATION: NATE TIME LEVEL TYPE TYPE Muscalard DATE TIME LEVEL TYPE TYPE Muscalard DESCRIPTION DESCRIPTION SAMPLE DESCRIPTION REPARCE TROMETER READING REVENDENCE TROMETER READING REVENDENCE TROMETER READING REVENDENCE TROMETER COLSISTENCY MATE HOLL UNIT OCCLET POENTERMETER READING REVENDENCE TROMETER COLSISTENCY MATE HOLL UNIT OCCLET POENTER CONSISTENCY DESCRIPTION REMERANCE TO CONSISTENCY MATE HOLL UNIT OCCLET POENTER CONSISTENCY DESCRIPTION REMERANCE CONSISTENCY INTOT OCCLET TO CONSISTENCY INTOT OCCLET CONSISTENCY | BORING | CONTR | ACTOR | : 2. | e 61 | -a | | | | | | BORING LOCAT | ION: 3 | 04E.90+4 |
| ATE TIME LEVEL TYPE TYPE Mucriard DATE STARTED: $10 - 2.5 - 0.3$ DIA. 1.5° DATE FINSHED: $10 - 2.5^{\circ} - 0.3$ WT. UDITER: $5 - 0.5$ FALL 4'- 2' J.L. 1 OPOLOGIST: Ned Terra POCKET PENETROMETER READING REVIEWED BY: POCKET PENETROMETER READING REVIEWED BY: POCKET PENETROMETER READING REVIEWED BY: POCKET PENETROMETER READING REVIEWED BY: POCKET PENETROMETER READING REVIEWED BY: DESCRIPTION EET TIME NO. TYPE PERS' RODY COLOR MARDNESS US 5'-1 ", ", ", ", ", ", ", ", ", ", ", ", ", | GROUND | WATER | l: | | | | | CAS. | SAMPLER | CORE | TUBE | GROUND ELEVA | TION: | |
| $\frac{1}{10} \frac{1}{10} \frac$ | DATE | TIME | LE | VEL | T۱ | PE | TYPE | | Mucrucure | | | DATE STARTED | : 10- | 28-03 |
| $\frac{WT.}{FALL} \underbrace{U' (x') (x')}{GOLOGIST: New T.} \underbrace{Scan T.}{GOLOGIST: New T.} \underbrace{FALL} \underbrace{U' (x') (x')}{GOLOGIST: New T.} \underbrace{Scan T.}{GOLOGIST: New T.} \underbrace{Scan T.}{Scan T$ | | | | | Τ | | DIA. | | 1.5" | | | DATE FINISHED: | 10- | -28-03 |
| $\frac{FALL}{POCKET PENETROMETER READING REVIEWED BY: POCKET REVIEWED BY: POCKET$ | • | | | | | | WT. | <u> </u> | Direct | | | DRILLER: | Sec | an T. |
| POCKET PENETROMETER READING REVIEWED BY: The provided of t | | | | | | | FALL | िमर | k Pish | | | GEOLOGIST: | Nea | Bern |
| EPTH SAMPLE DESCRIPTION EPTH IME NO. TYPE PERS' ROD'S COLOR CONSISTENCY MATERIAL EET TIME NO. TYPE PERS' ROD'S COLOR HARDNESS DESCRIPTION (1)15 5-1 A. TYPE PERS' ROD'S COLOR HARDNESS DESCRIPTION 5 1130 5-2 L. TYPE HO'L branch Medium 5 1130 5-2 L. TYPE HO'L DISC. The sand + f-c Fire of the sa | | | | | | | * PC | OCKET PE | NETROMETE | R READI | NG | REVIEWED BY: | | |
| EPTH EET TIME NO. TYPE PER® ROD% COLOR HARDNESS DESCRIPTION EET TIME NO. TYPE PER® ROD% COLOR HARDNESS DESCRIPTION $(1)15 5-1 \frac{1}{r}$ $\frac{1}{r}$ $\frac{1}{r$ | | | | SAM | PLE | | | | | DESCR | RIPTION | | | |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | DEPTH | | | | BLC | ows | | | CONSIST | ENCY | | MATERIAL | | |
| $\frac{1315}{5} \frac{1}{5} \frac{1}{10} \frac{1}{5} \frac{1}{5} \frac{1}{10} \frac{1}{5} \frac{1}{5}$ | FEET | TIME | NO. | TYPE | PEI | R 6" | ROD% | COLOR | HARDNE | ESS | | DESCRIPTION | | REMARKS |
| $\frac{1315}{5} 5-1 \frac{1}{r} \frac{1}{$ | | | | M | | 4 | | | 1. | | \.v 3 | " Concret | - e / | PID=0 |
| $\frac{1113}{5} \frac{1113}{5} \frac{1113}{5$ | . <u></u> . | NIK | 5-1 | A. | Lin | <i>i</i> v | 14 nº/ | Brown | Medi | m | IN6 | " Concrete - | ven+ | hered) |
| $\frac{1}{5}$ $\frac{1}{1130} \frac{1}{5-2} \frac{1}{12} \frac{1}{70} \frac{1}{9000} \frac{1}{1000} \frac{1}{1000} \frac{1}{10000} \frac{1}{10000000000000000000000000000000000$ | | 1313 | 1-1 | r | 1.1 | 1. | 70 4 | 1 | Jens | 1 | f-m | sand + f- | cga | vel, mois |
| $\frac{5}{100} = \frac{1}{100} + \frac{1}$ | | 4 | | 0 | 9 | ~~~ | | | <u>ک</u> ا | | son | e silt, +r. 6 | rick | + CONC. |
| $1370 5-2 i \frac{1000}{70} 40\% 40\% prover prover 1, 5 one 5117 mores + + concrete, +r. briek. E 03 @ 8-1 10 20 20 20 20 20 20 20 20 20 2$ | 5 | | | M | | r | | كاير | ₩ * | | from | 6 cm il + 1 | f-c | P |
| $\frac{1}{10}$ | | 1330 | 5-2 | 6 | gir | er' | 461 | V#1 . | Din | 1 | Ares | al some | 5:14 | 1)0 = 0 |
| $E \circ i \Im \otimes \mathcal{S}'$ | | 1110 | | × | | - 14 | 10 (1 | hav M | VU | _ | ین من ان رسم سان | يلو حريل مدين | larit | K MANA |
| $E \circ i \Im \otimes S'$ | | | | Ű | Y | ~~~ | | y., | | | + 01 | | • 0114 | |
| $\frac{10}{15}$ 10 | | | | | | | | | | | | | | |
| $\frac{15}{20}$ $\frac{25}{25}$ $\frac{25}{10}$ $\frac{25}{10}$ $\frac{10}{10}$ 10 | 10 | | | | | | | | | | t t | 03 @ 8 | 5 | |
| $\frac{15}{20}$ $\frac{25}{25}$ $\frac{25}{10}$ $\frac{25}{10}$ $\frac{10}{10}$ 10 | | | | | | | | | | | | | | |
| $\frac{15}{20}$ $\frac{20}{25}$ $\frac{30}{10^{11}}$ $\frac{10^{11}}{10^{11}}$ \frac | | | | 5 | | | | | | | | | | |
| $\frac{15}{20}$ $\frac{20}{25}$ $\frac{30}{10^{11}}$ $\frac{16}{10^{11}}$ $\frac{17}{10^{11}}$ $\frac{1}{10^{11}}$ \frac | | | | | | | | | | 1 | | | | |
| 20 20 25 30 MENTS: $\zeta ct. a. b.''(fluthmount) stain [25] ctccl PROJECT NO. 1(17) \lambda (1.0000)10V (cmpling) implant enchored at \mathcal{C}' bg(. BORING NO. \mathcal{S} \mathcal{C} = -03$ | 15 | | | | · | | | | | | | | | |
| $\frac{20}{25}$ $\frac{25}{30}$ $\frac{30}{10^{V}}$ $\frac{1}{(mplim)}$ | | | | | | | | | | | | | | |
| $\frac{20}{25}$ $\frac{25}{30}$ $\frac{30}{10^{11}}$ $\frac{10^{11}}{10^{11}}$ \frac | | | | | | | | | | | | | | |
| 20 25 25 30 MENTS: ζ_{ct} , α , b'' , $f_{1vihmont}$, s_{tain} , s_{i} , c_{tcl} , PROJECT NO. $f(175) \times 61.0000 f$ 10 r (implimy i myllingt in chored at c' by (.) BORING NO. $56-03$ | | | | | | | | | | | | | | |
| $\frac{20}{25}$ $\frac{25}{30}$ $\frac{10}{10^{11}} = \frac{10}{10^{11}} = \frac{10}{10^{11}}$ | | | | | | | | | | | | | | |
| $\frac{25}{30}$ $\frac{30}{10^{10}}$ $\frac{10^{10}}{10^{10}}$ $\frac{10^{10}}{10$ | 20 | | | | | | | 1 | | | | | | |
| 1MENTS: Set a 6" (fluihmount) stain 1251 ctel PROJECT NO. 1(175261.00001) 10r compling i myliant enchored at G'bgl. BORING NO. 56-03 | | | | | | | | | - | | | | | |
| $\frac{25}{30}$ $\frac{30}{10^{10}}$ $\frac{10^{10}}{10^{10}}$ $\frac{10^{10}}{10$ | | | | l | | - | | | | | | | | |
| $\frac{25}{30}$ $\frac{30}{10^{10}}$ $\frac{10^{10}}{10^{10}}$ $\frac{10^{10}}{10$ | | ĺ | | | | | | | | | | | | |
| 1MENTS: Set. a 6' (fluihmount) stain less cteel PROJECT NO. 1(17)261.00001 10r compling implant enchored at G' bgl. BORING NO. 56-03 | | | | | | | | | | | | | | |
| MENTS: Set a 6' flushmount stain lass cteel PROJECT NO. 1(17) 261.00001 lor compling implant enchored at G' bg!. BORING NO. 56-03 | 25 | | | [| | | | | | | | | | |
| MENTS: Set a 6' fluihmount stain less cteel PROJECT NO. 1(17) 261.00001 lor compling implant enchored at G' by!. BORING NO. 56-03 | | | | [| | | | | | | | | | |
| MENTS: Set. a 6" (fluihmount) stain lass steel PROJECT NO. 1(17)261.00001 10r scorpling i mylant enchored at 5' 6g1. BORING NO. 56-03 | | | | | | | | | | | | | | |
| MENTS: Set a 6' Fluihmount stain less steel PROJECT NO. 1(17)261.00001 INF sching implant enchored at 5' 6g1. BORING NO. 56-03 | | | | | | | | | | | | 7 | | |
| MENTS: Set a 6' flushmount stain less cteel PROJECT NO. 1(17) x61.00001 lor compling implant enchored at G' bg1. BORING NO. 56-03 | | | | | | | | | | | | | | |
| MENTS: Set a b' flushmount stainless steel PROJECT NO. 11173261.00001 lor compling implant enchored at G' bg1. BORING NO. 56-03 | 30 | | | [| | | | | | | | | | |
| IMENTS: Set a 6" (fluihmount) stainless steel PROJECT NO. 11175261.00001 lor sampling implant enchored at 5'6g1. BORING NO. 56-03 | | | | E | | | | | | | | | | |
| AMENTS: Set a b' flushmount stainless cteel project NO. 1173261.00001 lor complimy implant enchored at G' by 1. BORING NO. 56-03 | | | | | | 0 | | | | | | | | |
| lor compling implant enchored at \$1691. BORING NO. 56-03 | OMMENT | rs: ζ , | -+ | h l | , ''l, | 410 | shmo | mtts | stainle | 15 6 | teel | PROJECT NO. | (1757 | 261.00001 |
| 56-05 | Anor | 2 L M | | • | mi | žu t | L en l | مريها | d 4+ | 41 | 641 | Boring No. 🧹 | 1_ | ~~ |
| | V. • . | | | <u>) ''</u> | · · · | | V | | | | -) | د | 6 | - 0 5 |

Geoprobe 66100T drill rig.

| | | | | URS C | Corpora | ntion | <u></u> | | | TEST BORIN | G LOG |
|-----------------------------|-------------|------------------|------------|----------------|----------------|------------------|-----------------|-------------|--------------|--|----------|
| | | 7.5 | | | | | | | | BORING NO: 5 G- | -04 |
| PROJEC | <u>r: /</u> | IT A | VCN_ | VL + | 90+ | <u>n 57</u> | rat | | | SHEET: | 1 of 1 |
| CLIENT: | <u> </u> | Υp | EC | | | | | | | JOB NO .: 117326 | 100001 |
| BORING | CONTR/ | ACTOR | <u> </u> | <u>cbra</u> | | | | | | BORING LOCATION: 30 | 3/707 E. |
| GROUND | WATER | : | | | | CAS. | SAMPLER | CORE | TUBE | GROUND ELEVATION: | |
| DATE | TIME | LE | VEL | TYPE | TYPE | | Mucrucove | | | DATE STARTED: 10 - | 28-03 |
| | | | | | DIA. | | 1.51 | | | DATE FINISHED: 10 | -28-03 |
| · | | | | | WT. | | Direct | | | DRILLER: See | an T. |
| | | | · <u> </u> | | FALL | 4' | Push | | | GEOLOGIST: NC | & Bern |
| | | | | | * PC | OCKET PE | NETROMETEI | R READ | NG | REVIEWED BY: | |
| | | | SAM | PLE | | | | DESC | RIPTION | | |
| DEPTH | | | | BLOWS | | | CONSIST | INCY | | MATERIAL | |
| FEET | TIME | NO. | TYPE | PER 6" | ROD% | COLOR | HARDNE | SS | İ. | DESCRIPTION | REMARKS |
| | | | 2 | | | | | | N N5 | " Concrete 1 | |
| | IUU K | | 4 | | [()] | 1 course | Medin | M | الأير مدم | Weath Crail Cane. | P(D=0 |
| | 1777 | 3-1 | r I | V"I.V | 1 1 1 1 | 13100.0 | | • - • | i. | Sand + est+ . can | Le Moist |
| | | | Û | 901 | | | Dens | C | f-m | aravel. | |
| 5 | | | Μ | | | | | | <u>(</u> | cash + cilt | 2.0 |
| | 1450 | () | Ъ., | niver? | 5.1 | | | | T-m | succession (| 117 = 0 |
| | 1990 |) - x | r | VIN | J'' U | | • | | 500 | ic t-m gravel. | Moist |
| | | | 0 | - 19 | | | v | | | | |
| | | | | | | | | | | , , | |
| 101 | | | | | | | | | | | |
| | | | | | | | | | F | 03091 | |
| | 1 | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | - | | | | | • | |
| | | | ļ | | | | | | | | |
| | | | | | 4 1 | | , | | | | |
| | | | - | | _ | | | | | | |
| | | | | | 4 | | | | | | |
| | | | ŀ | | 4 | | | | | | |
| 20 | | | ļ | | - | | | | | | |
| | 1 | | ŀ | | | | | | | | |
| | | | ŀ | | 4 | | | | | | |
| | | | ŀ | | 4 | | | | | | |
| | | | | | 4 | | | | | | |
| 25 | | | ŀ | | 4 | | | | | | |
| · · · · · · · · | - 1 | | | | | | | | | | |
| | | | ŀ | | - 1 | | | | | | |
| | | | ŀ | | 4 | | | | | i - | |
| | | | ⊦ | | 4 | | | | | · · | |
| 30 | | | - | | - | | | | | | |
| | | | ┝ | | - | | | | | | |
| | | | | | | <u>_</u> | | | | | |
| :OMMENT √ 4 <i>p 0 f</i> | s: Se 54 | + a m p1 | b'' ing | (+10. ; mpl | shmer sn + | int) st unche | tainles reda | + 71 | teel bgs. | PROJECT NO. (1173 BORING NO. </td <td>- 04</td> | - 04 |
| | -01-1 | 66 | 100 | Ter | tu c | <u>نم .</u> | | | | | |

,

^{10 54}

| | | | | UR. | S Co | orpora | ntion | | | | TEST E | BORIN | IG LOG |
|-------------------|--------------|----------|---------------|-------------|----------------|---------------|-------------|------------|----------|----------------|--------------------|-------------|-----------|
| | τ. | 77 | 4.10.1 | | | A | 4 - 1 | | | | | 50 | -05 |
| PRUJEL | | 11 | <u>AVEN</u> | ve | + | 90 - | <u>n 57</u> | reet | | | SHEET: | | 1 of 1 |
| | | VYV | 50 | | | ······ | | | | | JOB NO.: [[] | 73261 | . 80001 |
| BORING | CONTR | ACTOR | : 7 | e 0, | a | | | | | | BORING LOCAT | TION: 32 | F/333E.90 |
| GROUND | WATER | t: | | | | | CAS. | SAMPLER | CORE | TUBE | GROUND ELEV | ATION: | co Co |
| DATE | TIME | LE | VEL | TY | PE | TYPE | | MACTOLONC | | | DATE STARTE | D: 10 | - 29-03 |
| | | | | | | DIA. | | 1.511 | | | |)· 10 | - 29-05 |
| | | | | | | WT. | | 1 Som of | | | | ~ 10 | -21-03 |
| | | | | <u>├</u> ── | | FALL | - 41 | Push | | | CEOLOGICT | | 23. |
| | <u> </u> | <u> </u> | · | | ··· | * 00 | | NETROMETER | | | GEOLOGIST: | NC | a very |
| | | | 0.414 | | | | | | C READI | NG | REVIEWED BT: | | · |
| NEDTU | | i | | | | <u> </u> | | | DESC | <u>RIPTION</u> | | , | |
| | | | | BLC | JWS | | | CONSIST | INCY | | MATERIAL | | |
| FEEI | TIME | NO. | TYPE | PEF | २ ६" | ROD% | COLOR | HARDNE | SS | | DESCRIPTION | | REMARKS |
| | | | M | | | | D. K | | | 3 | " Concre- | +c / | 712=0 |
| | 0915 | 5-1 | 4 | | м ^а | / •س ر | /4F | Men | | weat | hered com | inte) | |
| | | • | r r | -ir | .N. | 17 60 | Pun | D C | rec ! | ff-c g | ravel, some | 4-0 | Dry |
| | | L | 0 | <u> </u> | יי | | | | , | Smel | , trace sold | ta i | |
| 5 | | | м | | | | | (| | < 11 L | e ene e fra | | 1 212- |
| | | (-) | `k | <u>.</u> | | | 2 mil | | | 5 117 | , source the | | 11150 |
| | 0920 |) • | 2 | Δ. | 14 | 60% | 12. | |) | ++ | gravel, to | h(€₩ | Moist |
| | | | 0 | | | ~ | | ▶ | | c sr | | K . | |
| | | | | 2 | 2. | | , | | | | | | |
| 10 - | | | | V ' | | | | ····· | | | | ······ | |
| -10 | | | | | | | | | | - | | n Ľ | |
| | | | | | | | | | | t | | 1 | |
| | | | : | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 15 | 1 | | | | | ľ | | | | | | | |
| | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | - 1 | | | | | | | |
| 20 | | | | | | | | | | | | | |
| | | | ľ | | | | | | | | | | |
| | | | ľ | | | 1 | | | | | | | 1 |
| | ľ | 1 | ł | | | Í | | | | | | | |
| | | ľ | ŀ | | | | | | | | | | |
| 25 | | | ŀ | | | | | | | | | | |
| | 1 | | ŀ | | | | | | | | | | |
| | | | Ļ | | | | | | | | | | |
| | | | Ļ | | | | | | | | | | |
| | | | L | | | | | | l | | | | |
| | 1 | | | [| | - | | | | | | | |
| 30 | | | ſ | T | | | | | | | | | |
| | | 1 | ľ | | | | | | | | | | |
| | | | F | | | ł | | | | | | | |
| MMENT | ·s. / | I I | | | | | | 1000 6 | | A | | | |
| ۲۳۱۳۲۲ ۱۵ سه ۲ | у. ус (ша | | ' L 1 | 1.1 | , VI M 10 | MUM | | NIE13 37 | | (4p*) | PROJECT NO. (| 11 73 | 261.00001 |
| 79997 ////// | <u>`</u> "2- | , mp. | KN.T | લનલ | = n#/ | ~~~~ | NT 8 | · •97. | U-200 | ~16C | Boring No. | 56. | -05 |
| P ALL | וע י | 0 | <u>vri II</u> | ria | • | | | | | | | | |

* ~ 6"

and the second
| | | | | UR | S Co | orpora | tion | | | | TEST BORIN | NG LOG |
|----------|-------------|-----------|-------|------------|---------------|-------------|-----------|------------|------------------|----------|--|---------------|
| | | 7.20 | | | | | | | | | BORING NO: 56 | - 06 |
| PROJEC | <u>r: /</u> | <u>)7</u> | HAXY | 1 1 2 | / + | 90 | 7n | street | | | SHEET: | <u>1 of 1</u> |
| | | | EC | | | | <u></u> . | | | | JOB NO .: 117320 | 1.00001 |
| BURING | | ACTOR | | | u | | | | | | BORING LOCATION: 7 | 7/339 E.90 |
| GROUND | WATER | : | | | | . | CAS. | SAMPLER | CORE | TUBE | GROUND ELEVATION: | ~ |
| DATE | TIME | LE | VEL | | YPE_ | TYPE | | Macrocor | | ļ | DATE STARTED: | - 29 - 03 |
| | | | | | ····· | DIA. | | 1.5 " | | · | DATE FINISHED: 10 | -29-03 |
| | | | | <u> </u> | | WT. | | 1 Direct | } | | DRILLER: Jo | <u>e S.</u> |
| | <u> </u> | <u> </u> | | <u> </u> | | FALL | | th ruch | | | GEOLOGIST: N | ed Serry |
| | | L | | <u> </u> | | - PC | | NETROMETER | K READ | NG | REVIEWED BY: | |
| DEDTU | | _ | | | | | | | DESCI | | | - 1 |
| CEET | TIME | 10 | TYPE | BLO | | DODY | | CONSISTE | NGY | | MATERIAL | |
| FEEI | | NU. | ITPE | PE | R 6" | ROD% | COLOR | HARDNE | .55 | | DESCRIPTION | REMARKS |
| | | | M | | l.k | | | A. Lin | ~ * | | Courrege | PIP=0 |
| | 1015 | 5-1 | l "c | | | 40% | Brown | Mento | | went | here a concrete | , Day |
| -, | | | r, | <u>⊢_</u> | 100 | | | Ven | U | Some | silt tr. Carave | 1+ 454. |
| 5 | | | | , <u> </u> | - | | 1 | → | • | | | |
| <u>-</u> | | | a | | W. | | | | | Silt | some t-we sen | PIP=0 |
| | 1120 | 5-2 | C | 2. | F | 80% | | Dem- | レ | ++- | m graver, tro | Moist |
| | (1.00 | | د ا | 2 | 106 30 | | 1 | | | gran | CI + GFICN | |
| | | | | Ρ. | 2. | | | | • | h | | <u> </u> |
| 10 | | | | | | | | | | <u> </u> | | |
| | 1 | | | | | | | | | I | 08 @ 91 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | ана (1997) Алариана (1997) Алариана (1997) | |
| 20 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | Í | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| | | | ļ | | | | | | | | | |
| | | | | 4 | Ļ | | 2 | | , . , | | | |
| OMMENT | rs: 50 | it a | 6" | 1+ | lveh | moun | TISta | ialess s | tec/ | where | PROJECT NO. 11173 | 261.00001 |
| samp 11 | 19 | إس | lan t | _ " | 1764 | orec | c nt | 1 1 | 95. | | BORING NO. S/- | |
| U- 001 | <i>"</i> R | 66 | 100 | V. | or | <u>v ci</u> | <u>3.</u> | | _ | | <u> </u> | 20 |

* ~ 64

| PROJEC | <u>т: /</u> | 59 | Aven | 102 + | 90 | +h 5. | trut | | | SHEET: | | 1 of 1 |
|---------|--------------|--------------|----------|--------------------|-----------------------|----------|------------|----------|----------|--------------|-----------------------------|----------|
| CLIENT: | N | <u>17D</u> | EC | | | | | | | JOB NO.: 11 | 17261 | · 0000 l |
| BORING | CONTR | ACTOR | <u> </u> | <u>.cbra</u> | | | | | | BORING LOCA | | 145 15tA |
| GROUND | WATER | | | | - ut | CAS. | SAMPLER | CORE | TUBE | GROUND ELEV | ATION: | |
| DATE | TIME | LE | VEL | TYPE | TYPE | | Macrocon | L | | DATE STARTE | D: 10- | 29-03 |
| | | | | | DIA. | | 1. ~ " | | | DATE FINISHE | D: 10. | -29-03 |
| | ļ | | • | | WT. | | Direct | \ | | DRILLER: | 50 | e f. |
| | | | | | FALL | 41 | 1 Push | / | | GEOLOGIST: | Ne | d Berru |
| , | | L | | | * P(| | NETROMETER | READ | NG | REVIEWED BY | · | |
| | | | SAM | PLE | | | ····· | DESCR | | | | |
| DEPTH | - | | - | BLOWS | | | CONSISTE | NCY | | MATERIAL | | |
| 7621 | TIME | NO. | TYPE | PER 6" | ROD% | COLOR | HARDNE | SS | | DESCRIPTION | <u> </u> | REMARKS |
| | | 4 1 | M | N | | 1 . M | Autor | M # | <u> </u> | Concre | | PID=0 |
| | 1120 | 5-1 | 9 | VARCON | (.0% | RUM. | 10100110 | יייי | Wenthe | rea concre | 40) 711 6. 214 H | 4 7 |
| | | | 6 | -6 12 m | 4 0 | | DUN | 6 | | | and the | 1 217 |
| 5 | | | • • | | | | y - | | 4 514 | U, T. M. J | | |
| | ا سر ا | 6-2 | | 2:000 | (FA | | (| | 3717 | some el | 31 | 710=0 |
| | 110 | ີ່ | C | h | ,757 | . V | | | fince | inel | (**) ** | Maist |
| | | | ro | -10- | | Granis | | r | , ,,, | | - | ~~~~ |
| | | | | D. 7. | | 1 rowv | V | | | | | |
| 10 | | , | | | | | | | | ······ | | |
| | | | | | | | | | E | oBC " | 71 | |
| | | | | | | | | | | · · · | | |
| | | | ļ | | | | | | | | | |
| 45 | | | ł | | | | | | | | | |
| - 10 | | | ŀ | | | | | | | | | |
| | | ĺ | ł | | | | | | | • | | |
| | | | ŀ | | | | | | | | | |
| | | | ŀ | | | | | | | | | |
| 20 | | | ľ | | | | | | | | | |
| | | | - | | | | | | | | | |
| | | | ſ | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| | | | Ļ | | | | | | | | | |
| | | | Ļ | | | | | | | | | |
| | | | - | | | | | | | | | |
| | | | ŀ | | | | | | | | | |
| .30 | | | ┝ | | | l | | | | | | |
| | | 1 | ┝ | <u> </u> | | | | | | | | |
| | <u> </u> | - 1 | <u> </u> | | | <u> </u> | | | ·/ · | | | <u> </u> |
| | <u>ح :</u> ک | ct. | r (| " (+-10 | /T A M U (| rnT) 9 | tain less | 5720 | ۶/ | KOJECT NO. | 11772 | 1000001 |
| 14 por | squi | 1100 | 3 !! | n <i>p [i n 7</i> | - 126 | nored | 'nt 7 | 1 69 | 5. | BURING NO. | 51- | 7 |

. .

| | | | <u> </u> | UR | S Co | orpora | ation | | | | TEST BORI | NG LOG |
|---------------------------------------|------------|------------|----------------|------------|--------------|-------------|-------------|-----------|---------|------------|---------------------------------------|----------------------|
| · · · · · · · · · · · · · · · · · · · | | | _ | | | | <u> </u> | | | | BORING NO: 50- | -08 |
| PROJEC | т: (б | <u>+ A</u> | VLAU | K | + | 90+4 | <u>st</u> , | re et | | | SHEET: | 1 of 1 |
| CLIENT: | <u> </u> | YDE | <u>:C</u> | | | | | • | | | JOB NO .: 1117526 | 1.00001 |
| BORING | CONTR | ACTOR | <u>: Z</u> | <u>e 6</u> | n | | | | | | BORING LOCATION: (| 747 IS+A |
| GROUND | WATER | l: | | - | | | CAS. | SAMPLER | CORE | TUBE | GROUND ELEVATION: | |
| DATE | TIME | LE | VEL | T١ | YPE | TYPE | | Macrocone | | | DATE STARTED: 10 | - 29-03 |
| | | | | | · | DIA. | | 1.5 " | | | DATE FINISHED: 10 | -21-03 |
| | | | | | | WT. | , I | Diral | | | DRILLER: 5 | 20 5. |
| | | | | | | FALL | 4' | H Push! | | | GEOLOGIST: A | ul Bern |
| | | | | | | * PC | DCKET PE | NETROMETE | R READI | NG | REVIEWED BY: | |
| • | | | SAM | PLE | | | | | DESCR | RIPTION | | |
| DEPTH | | , | | BLO | ows | | | CONSIST | ENCY | · · · | MATERIAL | ┥ ∦ |
| FEET | TIME | NO. | TYPE | PE | R 6" | ROD% | COLOR | HARDNE | ESS | 1 | DESCRIPTION | REMARKS |
| | | | М | | l | | Ī | | | <u>~</u> | 3" Concrete | |
| | 12.20 | C | | 7:1 | 11 | 12.1 | Rown | Mediu | n l | Weath | cred concretes | # PID = O |
| | 1 | 12-1 | 6 | 7 | 1.h | א יין | // | Nemet | | 511++ | clay some fi | y Dru |
| | | | r _o | र | 107 | | | gour | v | sead | , ++, F-m gave | · (. · · () |
| 5 | | | N. | | Y | | t / | 1 / | • | C 14 1 | leme ellt + | · |
| | | 1-2 | ۲ ۰ | 34 | 5 | AC1 | | | | L | acual + from | 11D=0 |
| | 13.00 | 2 - | r | " | 1~ | 1.1.0 | | | | | | Moist |
| | | | ` 7 | <u>y</u> | 5 | | | V | | 3140 | · C [. | |
| | | | | 7- | 1. | | | Jense | | (| | 1 |
| 10 | | <u> </u> | | | | | | | | | | |
| | | | | | | | • | | | f | EOB@ 9' | |
| | | | 1.00 | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 15 | | | | | <u> </u> | | | | | | | |
| | | | | | | | | | | | • | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | · · | |
| | | | | | · | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | · | | | | | | | - | | | |
| | | | | | | | | | | | | |
| | | | | | └───┤ | | | | | | | |
| i | | | ŀ | | | | | | | | | |
| | | | ł | | | 1 | | | | | : | |
| | | | - | | | | | | | | | |
| 30 | | | ļ | | | | | | | | | |
| | | | ŀ | | | | | | | | | |
| | | | | | | | \ | | | | · · · · · · · · · · · · · · · · · · · | |
| | rs: Sc | it a | 6"(| fiu | shn | oun t | stai | ALESS S | tee | ١. | PROJECT NO. (117) | 3261.00001 |
| hour | 340 | ofin | າ ເພັ | p 14 | nt. | an chi | orel | at 91 | 699 | s . | BORING NO. C | |
| reopr | <u>vve</u> | 661 | O DT | 4 | <u>ri 11</u> | <u>ria.</u> | | | | | | 5-00 |

米 ~ 6 "

| | <u> </u> | <u></u> | | UR | S Co | ornors | ntion | ····· | | | | GLOG |
|---------|-----------|----------|------|-----------------------|-------------|-----------------|----------|-------------|-----------|-----------|---------------------|----------|
| | | | | Un. | | προιά | | | | | | |
| PROJEC | т. / | 3+ | Ave | | | 0 | . Ma - | A.L. | _ | | | -07 |
| CLIENT: | <u> /</u> | IYD. | Fr | 1 12 | <u> </u> | -16 | | >T. | | | OP NO : (117 33 41 | |
| BORING | CONTR | ACTOR | : 7 | che | 74. | | | | | | BORING LOCATION 3 | 32. /224 |
| GROUND | WATER | : | | | | | CAS. | SAMPLER | CORE | TUBE | GROUND ELEVATION: | |
| DATE | TIME | LE | VEL | TY | PE | TYPE | | Marcel Come | | TODE | DATE STARTED | - 78 7 |
| | 1 | | | | <u> </u> | DIA. | | 1.5" | | | DATE FINISHED: 10 | - 29-07 |
| | | | | | | WT. | | Direct | | 1 | DRILLER: J | 005 |
| | | | | | | FALL | 45 | leusn |) | | GEOLOGIST: | ed Ben |
| | | | | | | * PC | OCKET PE | NETROMETEI | R READ | NG | REVIEWED BY: | |
| | | | SAM | PLE | | | | | DESCR | RIPTION | | |
| DEPTH | | | | BLC | ows | | | CONSISTE | NCY | | MATERIAL | |
| FEET | TIME | NO. | TYPE | PEI | R 6" | ROD% | COLOR | HARDNE | SS | | DESCRIPTION | REMARKS |
| | | | M, | | - + | | (meen 3h | · · · | | <u>\~</u> | 3" Concrete/ | PIDEO |
| <u></u> | 1345 | 5-1 | ι Γ | Lif | e. | 40% | a shift | Media | m (| Wes +V | where the concrete? | |
| ····· | 1 | | ۲, | | μh. | 100 | Danne | Drias | U | 5114 | + tom sand, so | e vry |
| 5 | | | | <u> </u> | | | | V 0000 | | 6116 | 12, tr. +- of grave | ff |
| | | 1 | m. | | w | ور مهر در | | (| | Si H | + t-m sand, | PID=0 |
| | 1350 | 5-4 | ΓC Ι | ₽ ^u | .n | 45% | | | | son | e brick + t-m | Mist |
| | 1 | | r | | ~ ~` | | Y | V | • | gear | el, tr. clun | |
| | | | | ρ. | (. | | | | | | | |
| 10 | | | | | | | | | | | | |
| | | | | | | | | | | F | -OB @ 9' | |
| | | | | | | | | | | 'a | | |
| | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| | | | | | | | | | | | • | • |
| | | | | | | | | | | | | |
| | | | ŀ | | | | | | | | ł | |
| 30 | | | ŀ | | | | | | | | | |
| | | | ŀ | | | | | | | | | |
| | | | ŀ | | | | | | | | | |
| OMMEN | TS: C | it - | | 77 | | ا هد ه ه . | FIL | n lade e | مدالج | | PROJECT NO. 1117 7 | 261.0000 |
| Inpor | 5401 | ling | imp | (49. | t a | moun in chor | cel . | + 9' | kgs. | | BORING NO. 5G | -09 |
| ~ | 6 n | <u> </u> | | | | | | | <u></u> _ | | | |
| reopi | ole | 66 | 105 | て | dr | ;() | 175 | • | | | | |

| | | | | | Sipola | | | | | | |
|-------------|----------------|--------------|------|------------------|-------------|--------------|------------|----------|---------------------------------------|-------------------|--------------|
| | r . / (| (+ · · | 4 | | A - | +4 | | | | BURING NO: 50 | 10 |
| CUENT | <u></u> | | TYCN | Ve + | 70 | · · ·) | | <u> </u> | | SHEET: | |
| DOBING | | <u>Y V E</u> | | 111 | | | | <u> </u> | | JOB NO.: 111720 | |
| BORING | | ACTOR | | -c um | | | | | | BORING LOCATION: | 520 E.9 |
| GROUND | WATER | : | | | | CAS. | SAMPLER | CORE | TUBE | GROUND ELEVATION: | |
| DATE | | LE | VEL | TYPE | TYPE | | Mairs Curl | e | [| DATE STARTED: 10 | -29-03 |
| - : | | | | | DIA. | | 1.5 " | | | DATE FINISHED: | -29-03 |
| | | · · · · · · | | <u></u> | WT. | ····· | Direct | ļ | | DRILLER: J | oc S. |
| | | | | <u> </u> | FALL | 41 | L PULY | | <u> </u> | GEOLOGIST: | ed Bern |
| | | | | | - P(| | NETROMETE | RREAD | ING | REVIEWED BY: | |
| DEDTU | | | SAM | | 1 | | | DESCI | | | 4 |
| DEPIN | TILAT | | | BLOWS | | | CONSIST | ENCY | | MATERIAL | |
| FEE | IIME | NO. | TYPE | PER 6" | ROD% | COLOR | HARDNI | -85 | <u> </u> | DESCRIPTION | REMARKS |
| | | | Mu | | 4 | licht | | | | S" Concrete | 4 10=0 |
| | 1425 | 5-1 | e, | 1 1 1 C C | 135% | م ماسيم (| Medi | vm | (~6 | " WEATACTECE COM | cren) |
| | 1 | | 5 | ├′~~┟ ᡬ╲ | +" u | | D-4 | 11. | 511 | TT-MJAACS | VKY |
| E | | | | | <u> </u> | | | ., . | 500 | F T-C Gravel, | T. Grick |
| 5 | | | M | | | | (| | 5:11 | t+f-m sanc | ()710=0 |
| | 1430 | シート | Ľ | 6.4 | 50% | | | | Som | e f-c grave | 40.10 |
| | | | r, | ᠂᠂ᡔᠾᡪᠮ | ¥ Ť | 1 | Ĵ | r | + 6 | rick, tree cl | 49 4015 |
| | | | | 2.16 | 4 | | | | + | · | - - |
| 10 | | | | | | | | | · · · · · · · · · · · · · · · · · · · | | |
| | | · · · | | <u> </u> | - | | | | F | FOR Q QI | · · |
| | | | | | 1 | | | | | | |
| | | | | | 4 | | | | | • | |
| | | | | | 1 | | | | | 1 - P | |
| 15 | | | | | - · | | | | | | |
| | | | | | 1 | | | | | | |
| | | | | | 1 | | | | | | |
| | | | | | 1 | | | | : | | |
| | | | | | 1 | | | | | н | |
| 20 | | | | | 1 | | | | | | |
| | | | | |] | | | | | | |
| | | | | |] | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 25 | ł | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | • | |
| | | | | | | | | | | ; · · · · | |
| | | | | | | | | | 1 | | |
| 30 | | | | | | | • | | 1 | | |
| | | | · | | 1 | | | | | | |
| | | | | | | | | | | | |
| COMMEN | τs: <u>ς</u> | ct | a | 6"(F | lucha | IUVNT | 1 stain | 1015 | | PROJECT NO. 1117 | 3261.0000) |
| strel | | 110 | () | مارم | <i>и</i> | . al 1 14 | 4 11 | | L | BORING NO. < / | - 10 |
| * / 6 6 1 | 1 V M | | | ~ <i>r ~ ~</i> 1 | - 1 1 1 1 1 | 10147 | y ance | i rc i | /- | ı ≯u | |

| | | | | | | - 1 | | | | | | 11 |
|---------|----------|----------|------|------------------|--------------|-------------|--------------|-----------|---------|----------|-----------------------|---------------------------------------|
| PROJEC | т: Т | 5+ | A. | NE. | Ł | 90+ | h cs | | | ····· | SHEFT: | 1 of 1 |
| CLIENT: | <u> </u> | JVD | EC | | <u> </u> | | | •• | | | IOB NO - 1 1 (7 3 26 | 1.000/1 |
| BORING | CONTR | ACTOR | : 2 | eler | Za | | | | ···· | | BORING LOCATION: 3 | 16-8 E |
| GROUND | WATER | l: | | | | | CAS. | SAMPLER | CORE | TUBE | GROUND ELEVATION: | |
| DATE | TIME | LE | VEL | Тү | PF | TYPE | | | | | DATE STARTED 10 | - 30 - 01 |
| | | | | ···· | | | | | · | <u>-</u> | DATE FINISHED: 10 | -30-03 |
| | 1 | | | | | WT. | | Direct | | | | 5 |
| | 1 | | | | | FALL | म | Puelo | | | GEOLOGIST: NI | Ro - c |
| | | | | | · | * PC | | NETROMETE | R READI | NG | REVIEWED BY: | 12611 |
| | 1 | | SAM | PLE | | | | | DESCR | | | 1 |
| DEPTH | | | 1 | BLO | ws | | | CONSIST | ENCY | | MATERIAL | |
| FEET | TIME | NO. | TYPE | PER | २ 6 " | ROD% | COLOR | HARDNE | ESS | | DESCRIPTION | REMARK |
| | | | MA | | - | | Dunk | Made | | ~ | 3" Concrete / | PID= |
| | 0820 | 5-1 | C | loi1 | 201 | 334 | N=1 | rica | "m | (~6" | weathered conce | te) mii |
| | | ľ . | r | - - - | ,,h | | Trom | Dens | ı | f; m | scall, some si | 1+'+ |
| | | | 0 | \rightarrow | | | 1 | | • | 4-1 | M gravel, tr. (| riek · |
| | | | M | | ect- | | | (| | +-m | , coul, some | PIDE |
| | 0821 |)-Z | ° c | 7. | , 1A | 404 | | |) | 511 | +++-m size | ين رور واع |
| | | · • | 6' | 4 | 4 | | | 1 | | +r. | C MEACEOUS | ////// |
| | | | | p . | ₹. | | | | | | ····· | |
| 10 | | | | | | | | | | | · | · · · · · · · · · · · · · · · · · · · |
| | | | | | | | | | | E | EOB@91 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | |
| . 10 | | | | | | | | | | | | |
| | | | | | | | | | | | • • | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | and the second second | |
| 20 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | _ | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| | | | | | | | | | | | | · |
| | | | | | | | | | | | | |
| | | | | | | | | | | | : | |
| | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | l | | | | └╌┲──┤ | , | | | Ļ | | |
| UMMEN | 13: 56 | et | a l | <u>," (</u> | ¥-1. | 15 h m c | un+) | stain [| est s | teel | PROJECT NO. (1173: | 2 4 1 . 3000 |
| VII. AB | 11 | · 1 : | | | 11. | . . | I | | a 1 | 1.1. | IDURING NU. 👝 🔒 | |

P

| | | | | UR | S Co | ornora | tion | | | | TEST BORIN | | | |
|----------|--|--------------|------------|--------------|----------------|--------|--|------------------------|---------------|---------------------------------------|--------------------|---------------------------------------|--|--|
| | | | | 070 | 0 0. | | | | | | | | | |
| PROJEC | T: 15 | <u>۲. ۲.</u> | A. M. 1. A | L | 0 | n ci | we the | ····· | | | SHEET | | | |
| CLIENT: | N | YOE | C. | - | | / | 1001- | | | | JOB NO: (117326) | 100 001 | | |
| BORING | CONTR | ACTOR | : 7.0 | lor | Α. | | | | | | BORING LOCATION: ? | FlastE 91 | | |
| GROUND | WATER | | | | | | CAS. | SAMPLER | CORE | TUBE | GROUND ELEVATION: | Eb II | | |
| DATE | $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | 1 | <u> </u> | •••• | <u> </u> | | WT. | | Dicut | | | DRILLER: JOC | 5. | | |
| | | | | | | FALL | <u> </u> | Push | | | GEOLOGIST: Ned | Beern | | |
| | | | • | | | * PC | OCKET PE | NETROMETE | R READI | NG | REVIEWED BY: | | | |
| | | | SAM | PLE | | | | | DESCR | RIPTION | | | | |
| DEPTH | | | | BLO | ows | | | CONSIST | ENCY | | MATERIAL | 1 🛛 | | |
| FEET | TIME | NO. | TYPE | PE | R 6" | ROD% | COLOR | HARDNE | SS | | DESCRIPTION | REMARKS | | |
| | | | M | | | | | | | $\sqrt{\gamma}$ | 14" concrete/ | PIDED | | |
| | 10900 | C_1 | °c | مند | 1 | 6nºl | 1 mush | Medi | ้บพ | (~6 | "weathered con | | | |
| <u> </u> | | 1.1 | T_ | ν " | للعها | | 910000 | | | f-m | 54a ce + 511+, | · · · · · · · · · · · · · · · · · · · | | |
| | | | 0 | <u> </u> | <u>v.</u> | | 1 | Va | C | 614 | e + sravel; + | We state | | |
| 5 | | | M | _ | h.K. | | | (| | f-w | c canal + silt | P17 = 0 | | |
| | 0905 | 5-2 | u C | <u> 7</u> ,1 | μ α | ムレリ | | 7 | | Sou | 1e f-m smu | | | |
| | | | r, | | ړ۷ | | / 🎔 | | | tra | ice concrete. | 1. JALA | | |
| | | | | 7 | | | 201-12-12-12-12-12-12-12-12-12-12-12-12-12 | very ve | mie | | | <u> </u> | | |
| 10 | | . : | | | | | | | | | 0 41 | | | |
| | | | • | | | | | | | | 2013 (a) 8 ' | | | |
| | | | | | | | | | | | x | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | 1 | | | |
| 15 | | | | | | | | | - | | | 1 | | |
| | | | | | | | | | | | • • | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | |
| | · | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 05 | ſ | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | · | | | | | | | | | | |
| | | | ŀ | | | | • | | | | , | | | |
| 30 | | | | | | | | | | | | | | |
| | | | ł | | | | | | | | | | | |
| ·{ | | | ľ | | | | | | | | | | | |
| OMMENT | TS: , | <u>ل</u> ر م | | 1 1 | .77 | 1.11 | | $\left \right\rangle$ | 1-1 | · · · · · · · · · · · · · · · · · · · | PROJECT NO. 1 1171 | 261,00001 | | |
| (tio | | して | | | | | novul | 1 | (157) (12) |) | BORING NO. | | | |
| 1,10 | | זייוןר | 24 | -M [' | | ') '' | ~ 12 (4) | N T 4 7 | • • | US [1 | S | 6121 | | |
| | | | | _ | | A | | | | | | | | |

Geoprobe 6610 pt drivering.

| | | | | UR | S Co | orpora | tion | <u></u> | | | TEST | BORIN | IG LOG |
|------------|----------|-------------|-----------|-----------------|--|---------------------------------------|---------------------------|-----------|-------------|------------|--------------|---------|-------------------------|
| | • | | | | | | | | | | BORING NO: | 56 | -13 |
| PROJEC | Т: | 54 | trene | 14 | <u>+ </u> | 20 +n | <u></u> | | | | SHEET: | | 1 of 1 |
| CLIENT: | <u> </u> | [-/ D | <u>EC</u> | | <u>ه</u> | | | | | | JOB NO.: [11 | 73261 | 100001 |
| BORING | CONTR | ACTOR | <u> </u> | r.61 | rh. | | - الركانية أعد أند الكاني | | | | BORING LOCA | TION: 3 | 17 E. 91 |
| GROUND | WATER | <u>:</u> | | | , | | CAS. | SAMPLER | CORE | TUBE | GROUND ELE | VATION: | |
| DATE | TIME | LE | VEL | T١ | PE | TYPE | | MALYU COM | | | DATE STARTE | D: 10. | - 30 - 03 |
| | | | | <u> </u> | | DIA. | | 1.5" | | | DATE FINISHE | D: 10 | -70-03 |
| | | | | | | WT. | <u> </u> | Mirect | <u>}</u> _ | | DRILLER: | 50 | -c 5. |
| | <u> </u> | ļ | | | | FALL | 41 | LPJSK | Z | L | GEOLOGIST: | NC | <u>d Bern</u> |
| | ļ | | | | | * PC | OCKET PE | NETROMETE | R READ | NG | REVIEWED BY | ': | |
| | | | SAM | | | · · · · · · · · · · · · · · · · · · · | | | DESCI | RIPTION | | | |
| DEPTH | | | | BLO | ows | | | CONSIST | INCY | | MATERIAL | | |
| FEET | TIME | NO. | TYPE | PE | R 6" | ROD% | COLOR | HARDNE | SS | | DESCRIPTIO | N S | REMARKS |
| | 1 | | M | ļ | K | | | | | <u>\~'</u> | 14" CONC | rete/ | 710=0 |
| · | 0950 | 5-1 | 4 | ∏; ∠ | en | 5001 | Brown | Mrd | ium | 120 | "weather | the Con | c.) Dry |
| | | '` | r | y o | L'N | - () | - | | | +-m | sand, s | inne i | r(+ |
| | | | 0 | · · · | ľ | | 1 | Den | 50 | + + 4 | cavel, + | r. ash | + m sran |
| 5 | | | M | | | | | | • | F- M | sand, | SOULE | \$714 |
| | 1955 | 5-2 | 4 | vit | <u>yu</u> | 654 | | | | + 4 | -m grau | re1;+ | thee |
| | ייזט | 1. ~ | 1 cr | <u>,,</u> | <u>.</u> w | - 4 | | | 7 | 4.4 | ae | | F (P = 0 |
| | | | <u>`0</u> | <u> </u> | , d | | | 1 | | | • | | Dry |
| 40 | | | | ``` | | | | | | | ····· | | |
| 10 • | | | | | | | | | | | | | |
| | | | | | | | | | | l t | | 91 | |
| | | | | | | | | | | 1 | | | |
| | | | | | | | | | | | t e e | | |
| 15 | | | | | | | | | | | | | |
| · · · · · | | | | | | | | | | | | | |
| | | | | | | | | | | | • • | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | |
| | · | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | i | | |
| | | | | | | | | | | | | | |
| 30 | | | | · | | | | | | | | | |
| | | | | | | | | | | | | | · |
| | | | | | | | | | | | | | ļ |
| OMMENT | тs: < | <u>_</u> | | | 12 | J | | | | | PROJECT NO | | 1 4 (1000 |
| م. در سل ک | 12 | | и (| 9 | (+1 | <u> 15 h n</u> 1 | un T | stain | ICS ! | 5 | | 111 13 | |
| 44 | 9 | 1 6 | q 5. | 6-e | ~p 0 gr | jue J | 6610 | DT | anc 1117 | | | 5 ራ | - 13 |

.

•

| | | | | URS | Corpo | oration | | | | | | GLOG |
|---------|----------|-----------|--------|----------|---------|-----------|-----------|--------------|----------------------|-----------------|--------------------------|-------------|
| PROJEC | T: | 54 A | VLUV | 1+ 0 | 10+4 | Strech | | | | SHEET: | | of 1 |
| CLIENT: | | VYD | EC | | | ~ | ······ | | | JOB NO: (1175 | 2.61 | 0000 |
| BORING | CONTR | ACTOR | " Ze | :bra | | | | | | BORING LOCATIO | N-738 | (7) E AL |
| GROUND | WATER | t: | | | | CAS, | SAMPLER | CORE | TUBE | GROUND FLEVAT | | 11/2.11 |
| DATE | TIME | LE | VEL | Түр | Е ТҮРЕ | | Mateneand | | | DATE STARTED | 10N. | 4 - 4 1 |
| | | | · | | DIA. | | 1.51 | | + | DATE STARTED. | | 1 1 |
| | | 1 | | <u> </u> | WT. | | Direct | | ┼──┨ | | <u> 0 =</u> | 20-03 |
| - | | | | <u> </u> | FALL | 14 | D. INA | | | GEOLOGIET | <u>Cher</u> | |
| | | · · · · · | | <u> </u> | * | POCKET PE | NETROMETE | | ING | REVIEWED BY | rea | Geri |
| | | | SAM | PLE | | | | DESCR | PIPTION | | | |
| DEPTH | | | T | BLOV | vs | | CONSIST | FNCY | | MATERIAL | | |
| FEET | TIME | NO. | TYPE | PER | | | HARDNE | -NC -ee | | DESCRIPTION | | |
| | | | J. | | | | | | N 1 | DESCRIPTION | - | REMARKS |
| <u></u> | 1 | (- 1 | a | | ★ | Darl | - N., | 1 | $\sqrt{\frac{2}{2}}$ | <u>Concrete</u> | | |
| | 1010 | 2-1 | C | Dirk | ন্দ ০°/ | ann | 1 Van | | (~6"0 | reathered con | (.) | ne |
| | 1 | | Y. | 000 | | | ļ , | | | ININ | | reaver |
| 5 | | | | ┝━━┝╋ | | - / | (| • | ┢──── | | | |
| - | | | M | | * | | ط | | f-m | sand + f-c | 2 | 0=019 |
| | 1013 | 5-2 | i c | A | 13 | 1 | | | aque | 1. some asi | | |
| | | | ſ, | 24 | | u v | | | 13.00 | | | vry |
| | | | ······ | | | | | | | | | |
| 10 | | ; | | | { | | | | o Y | 100 | 1 | |
| | | | | | | | | | Ket | user (m s | | |
| | | | | | · · · · | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | |
| | | | | | - | | | | | 5 | | |
| | | | | | | | | 1 | 1 | | | |
| | | | | (| | | | | | | | |
| 20 | | | ł | | | | | | | | | |
| | | | ľ | | | | | | | | | |
| | | | ł | | | | | | | | | |
| | 1 | | ľ | | | | | | | | | |
| | | | ł | | - | | | | | | | |
| 25 | | | ŀ | | - ' | | | | | | | |
| { | | | H | | | | | | | | | |
| | | | ŀ | | | | | | | | | |
| | | | ŀ | | | | | | | | | 4 |
| | | | ŀ | | | | | ĺ | | ι. | | |
| 30 | | | ŀ | | | | | | | | | |
| | | | ŀ | | | | | | | | | |
| | | | ŀ | | - | | | | | | | |
| DMMENT | s: C | copi | ~ be | 66 | 10 01 | driv | l rig. | | P | | <u>ا</u> برد ت ا بر ب | ,.•∞0{ 4 |
| ¥ ~ | 121 | Sou | ,+h | of | Rvn | 2 | <u></u> | | | (2 | lun | · · > |

(Run 1)

¥

| | | | | URS | Со | rpora | tion | | | | TEST BORIN | IG LOG |
|----------|-------|-------------|------------|-------|------------|-------|----------|------------|---------|------------|---|---------------------------------------|
| | | ÷ | 74 5 5 | | | | | | | | BORING NO: 56 - | 14 (Run 2) |
| PROJECT | | <u>1 A1</u> | <u>van</u> | l + l | 10 | th S | freet | | | | SHEET: | 1 of 1 |
| CLIENT: | N | <u>Y DE</u> | <u>C</u> | | | | | | <u></u> | | JOB NO .: 117326 | 1.00001 |
| BORING | CONTR | ACTOR | : 21 | com | · | | | | | | BORING LOCATION: 3 | <u>13(?)E.91</u> |
| GROUND | WATER | | | | | | CAS. | SAMPLER | CORE | TUBE | GROUND ELEVATION: | |
| DATE | TIME | LE | VEL | ТҮР | E | TYPE | | MALMOLON | C I | | DATE STARTED: 10 - | 30-03 |
| | | ļ | | | | DIA. | | 1.5" | | | DATE FINISHED: 10 | -30-03 |
| | | | | ļ | | WT. | | Direct | | | DRILLER: Jee | 5. |
| | | | | | | FALL | <u> </u> | Puch | | | GEOLOGIST: Neu | L Derry |
| | | <u> </u> | | | | * PC | OCKET PE | NETROMETEI | R READ | NG | REVIEWED BY: | |
| | | <u> </u> | SAM | | | | | | DESCR | RIPTION | | |
| DEPTH | | | | BLOV | vs | | | CONSIST | ENCY | | MATERIAL | |
| FEET | TIME | NO. | TYPE | PER | 6" | ROD% | COLOR | HARDNE | SS | | DESCRIPTION | REMARKS |
| | | | M | | - | 17 | | | | <u>~ 3</u> | " Concrete | TIDEO |
| | 1015 | 5-1 | 2 | - | | ا ہے | Dirle | | | (~4 | "Wathered cond | +) |
| | • | ' | r | | ୷୷ | E6 | 2000 | Den | L | f-m | send, some | URY |
| | | | 0 | | | | , , | , | | +- u | gavel. | |
| 5 | | | M | | ╼┙ | | | | | f-m | sand + f-m | 010=0 |
| | | 5-2 | 6 | Dick | | 17.1 | | | | gnu | el, some 434 | 110-0 |
| | 10+1 | | ` ` | - 24 | h | 17 6 | ↓ ↓ | | | ľ | a se de la companya d | DRY |
| | | | | | | | V | | | <u> </u> | | |
| | | | | | | | | | | · | | · · · · · · · · · · · · · · · · · · · |
| <u> </u> | | | | | _ | | | | | - | -2091 | |
| | | | | | | | | | | 1 1 | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | and the second second second | |
| 15 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | - | | | | | | | |
| | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | • |
| | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| | | | | | | | | | | · | | |
| | | | | | | | | | | | | 1 |
| | | | | | | | | | | | : | |
| | | i | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| | | | | | -1 | | | | | | | |
| | | | | | - | | | | | | | |
| OMMENT | rs: 5 | ct. | n l | | 2 " | 5105 | hmora | +) stui | n le.c | 1 | PROJECT NO. 11(73 | 261.00001 |
| 5 + | VAp | ur | 54 | اتسم | , 7 | male | nt an | chorod | 44 | 2 | BORING NO. | |
| 91 | len | 5. (| 5-207 | nui | e ' | 6610 | DT | deill 1 | rig. | | 56- | -14 |
| | | | | | | | | | | | | |

.

...

| | | | | UR | S Co | orpora | tion | | | | TEST | BORIN | IG LOG |
|------------|-------------|-------|------------|-----------|------------|--------|------------|---------------------------------------|----------|-------------|-------------------|-----------|-----------|
| | | | | | | | | | | | BORING NO: | 50- | -15 (Runi |
| ROJEC | <u>r: /</u> | 54 | Ave | 401 | + | 90. | the Sa | treet | | | SHEET: | | 1 of 1 |
| LIENT: | <u>΄</u> Δ | 170 | <u>e C</u> | | | | | | | | JOB NO.: 1 | 17326 | 1.00001 |
| ORING | CONTR | ACTOR | : Z | 26 | m | | | | | _ | BORING LOC | ATION: [| 752 240 |
| ROUND | WATER | : | | | | | CAS. | SAMPLER | CORE | TUBE | GROUND ELE | VATION: | |
| DATE | TIME | LE | VEL | T | PE | TYPE | | Macrocert | 2 | · · · · · · | DATE START | ED: 10 | - 30 - 02 |
| , | | [| | | | DIA. | | 1.511 | | | DATE FINISH | ED: 1A | - 30 - 03 |
| | | | | 1 | | WT. | | Diret | | | DRILLER: | Ch | 4-11- () |
| | | | | | | FALL | 4' | Push | | | GEOLOGIST: | N | and Banks |
| | | | | | | * PC | | NETROMETE | READI | NG | REVIEWED B | <u> </u> | |
| | | | SAM | PLE | | | | | DESCR | RIPTION | | | |
| DEPTH | | | | BLO | ows | I | | CONSIST | | | MATERIAL | ······ | 4 |
| FEET | TIME | NO. | TYPE | PE | R 6" | ROD% | COLOR | HARDNE | SS | | DESCRIPTIC | N | REMARKS |
| | | · . | M | | <u> </u> | | Deals | - | | <u>~ 1</u> | " Concr | 401 | TIDEO |
| | 1105 | 15-1 | 1 | | 12 | 134 | y •7 '- | Dem | C | (~ 6 " | weatherev | L conc. | |
| | 11- | | Y. | <u> </u> | 1 MA | 1.10 | Brown | | | f-m | Sugal + | (1H) | pry |
| - <u>-</u> | | | 0 | <u> </u> | [| | | (| | 110 | e f-m a | rave 1 | · |
| 5 | | | м | <u> </u> | K | | | | | | | 1 | |
| | 1110 | 5-2 | k | بمنطأ | ľ. | 50 | 2 | l t | k | 10 | 144 A 4 | to last | |
| | | | 6 | -0 | r.v. | JW | V . | | | (" | 1971 C 47 | ~ G0 V | |
| | | | <u>`0</u> | ` | | | | · · · · · · · · · · · · · · · · · · · | | <u></u> | · | · | |
| <u> </u> | | | | | | | **** | | | | <u> </u> | | |
| 10 | | | | ļ | <u> </u> | | | | | Ref | USAL @ | 61 | |
| | | | | | | | | | | / | | 1 | |
| · | | | | | | | | | | () | n conc | nn) | |
| ··· | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| -13 | | | | | | | | | | | | |] |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| -20 | | | | | | | | | | | | | |
| | | Ì | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | — | | | | | | | | |
| | | | | | | | | | | | 1 | | |
| 30 | | | • | | | | | | | | | | |
| 30 | | | ŀ | · | | | | | | | | | |
| | | | • | | | ĺ | | | | | | | |
| | | | | | | | | | | | | | |
| MMENT | IS: (| 0A | se+ | / | \sim | 3 1 | +8 | west. | • | | PROJECT NO | . 1 117 🤉 | 261.00001 |
| | | 1.1. | | ά. | 64 | 101 |)T - | leil | r'a | | Boring No. | () | . 15 |
| | (| 500 | 10100 | <u> </u> | v v | | | ~ | <u></u> | · | | <u> </u> | 15 |

| | | | | URS C | orpora | ntion | | | | TES | T BC |) RIN | IG LOG |] |
|----------|--|----------|-------------|--------|------------|------------|---------------|--------------|---------|---------------|--|--------------|-----------------|----|
| ROJEC | r. 7 | 57 2 | 1/1.1 | 11 L | 1 A # | <u> </u> | | | | BORING N | <u>0:</u> <u>5</u> | 6 | 15 (RUNZ | ₽ |
| 1 IENIT. | <u>. </u> | <u> </u> | C C | M T | 10 10 | 57 | reet | | | SHEET: | | | <u>1 of 1</u> | |
| | | | | | | | | | | JOB NO.: | | 326 | 1.00001 | |
| | | ACTUR | <u> </u> | e ora | | | | | | BORING LO | DCATIO |)N: 🗲 | <u>*1752 2*</u> | ſ |
| ROUND | WATER | | | | | CAS. | SAMPLER | CORE | TUBE | GROUND E | LEVAT | ION: | | |
| DATE | TIME | | VEL | TYPE | TYPE | | Mulrocor | <u>e</u> | | DATE STA | RTED: | 10 | -30-03 | |
| | | | | ļ | DIA, | <u> </u> | 1.0" | | | DATE FINIS | SHED: | 10 | -30-0 | |
| | | <u> </u> | | | <u>wт.</u> | | (Direct) | | : | DRILLER: | | Ch | arlie a |] |
| | | | | | FALL | L 4' \ | Push | / | | GEOLOGIS | T: | Ne | d Berr | 1 |
| | · | | | | * PC | OCKET PE | NETROMETER | R READI | NG | REVIEWED | BY: | | | |
| | | | SAM | PLE | | | | DESCR | RIPTION | | | | | 1 |
| DEPTH | | | | BLOWS | | | CONSISTE | | | MATERI | AL | | | |
| FEET | TIME | NO. | TYPE | PER 6" | ROD% | COLOR | HARDNE | SS | | DESCRIPT | TION | | REMARKS | |
| | | | Μ | 1 | | | | | | 2 11 6 42 1 1 | 1.44 | | | |
| | INE | () | A: | - ver | | DIGL | Dail | 4 | 1 | S. e. is suid | | | r1)=0 | ľ |
| | 117 | 2-1 | 2 | VILL | 120.1 | Numero N | 1 UM | v | 2 | CLANE A | 4- | | Dry | |
| | | | ט' | Zp | | 1940- | 6 | | ARV | el. 600 | le es | 14.4 | Contract | |
| 5 | | | м. | | | · (| | | | | | | ~ 11/0" | łŀ |
| | ا م مر | / | <u>~~</u> 4 | Jine | 1 - 11 | | | | 12 | | | | | |
| | II.r. | 5.4 | C C | | 1 26 | | | | (5 40 | 46.65 | 40 | ove | | ĺ |
| | | | 0 | -944 | 1 | | | | - | | | : | | |
| | | | | | | | | | | • •••• | | | | |
| 10 | • | . : | | | 1 | | | | | Cont | D | 41 | | 1. |
| | | | | | | | | | 40 | 40321 | ص | -1 | | |
| | | | | | 1 | | | | | 1 | | | | |
| | | | | | 1 | | | | | | | | | |
| | | | | | 1 1 | | | | | | : | | | |
| 15 | | | | | | | | | | | | | | ļ. |
| | | | | | | 1 | | | | | | | | |
| | | | ľ | | 1 | | | | | N | | | | |
| | | | | | 1 1 | | | | | | | | | |
| | | | ŀ | | | | | | | | | | | |
| 20 | | | ľ | | | | | | | | | | | |
| | | | ŀ | | | | | | | | | | | ſ |
| | | | ŀ | | | | | | | | | | | |
| | | | ŀ | | | | | | | | | | | |
| | | | ł | | | | | | | | | | | |
| | | | ŀ | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| i | | | Ļ | | | | | | | | | | 1 | |
| | | | Ļ | | | | | | | | | | | |
| | | | Ļ | | | | | | | : | | | | |
| | | | L | | | | | | | | | | | |
| 30 | | [| L | | | | | | | | | | | |
| | | 1 | Ε | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| MMENT | S: 6 | d. | 12 | 21 | | <u>ب</u> ح | 21 | ما بور | | | 10, 111 | 72) | 61.00.001 | ĺ |
| | Ų | 1151 | ĻТ | ~ > | ~~~ | T + (| ~ > ~ > ~ > / | N 1 M | ••• | BORING NO | ···· (11) | . . . | | |
| | (r | -201 | nob | 2 41 | 610 | DT | Acil | ri . | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 1 | S (Run X | D |

| | | | | | | | | | | | | and the second s | | |
|-------------------------|--------|----------|----------|------------|--|------------|----------|---|---------|--------------|---------------------------------------|--|--------------|------|
| | | | | UR | S C | orpora | ation | | | | TEST BO | RING | LOG | ור |
| | | | | | | | | | | | BORING NO: CL | | 5 11 2 | 1 |
| PROJECT | Г:] З | * AI | /inve | + | 10 | + 5 | trect | ~ | | | SHEET: | <u> </u> | of 1 | 1 |
| CLIENT: | N | YDE | C | | | E | | | | | JOB NO : 11171 | 17 61 | 00 00 1 | - |
| SORING | CONTR | ACTOR | . 7. | al 4. | 1 | | | | | | | | 2 2 hat | |
| JROUND | WATER | | | | | | CAS | | 0005 | TUDE | BORING LOCATION | <u>N: 175</u> | 2 A | 1/4V |
| DATE | TIME | | 3/EI | 1 | | - | CAS. | SAWPLER | CORE | IUBE | GROUND ELEVATI | ON: | | |
| - URIE | | | VEL | | TPE | TYPE | ļ | Mun core | | | DATE STARTED: | 10-3 | 0-03 | |
| · · · · · · · · · · · · | | <u> </u> | · | ┣ | | DIA. | ļ | 1.5 | | | DATE FINISHED: | 10 - | 30 - 03 | |
| | | | | <u> </u> | | WT. | | Dirat | | | DRILLER: | Jur | ٢. | 1 |
| | | | | | | FALL | 41 | N PUSW | | | GEOLOGIST: | Ned | Serna | |
| | | | | | | * PC | DCKET PE | NETROMETER | R READI | NG | REVIEWED BY: | | | J |
| | | | SAM | PLE | | | | | DESCR | IPTION | ., | | | 1 |
| DEPTH | • | | | BLO | ows | | | CONSISTE | NCY | | MATERIAL | | | 1 |
| FEET | TIME | NO. | TYPE | PE | R 6" | ROD% | COLOR | HARDNE | ss | | DESCRIPTION | ·] , | DEMARKO | |
| | | | M | | TV | | | | | | | | KEWARAS | ∦ |
| | س دن | 6.3 | 6 | .1 | <u>مر</u> | 211 | DLYK | | | <u>\~```</u> | "Concret | <u></u> | PIDED | |
| | (125 | 7-1 | 6 | V " | 1 | 15% | A | D2441 | | ~6 | weathered | (186 m | اسلوه والمرا | |
| | | | ۲, | ┝─₹ | <u> </u> | | 1) AV | V - | | T-M 5 | AND TH SPAC | | yAU1 7** | |
| 5 | | | | | | | 1 | | | Sime | 111++m-C | svere | L . | U |
| <u> </u> | | (| M | ~ | γ 1 Δ | _ | | | | fin | ind + f a | and | 1 71020 | F |
| | 113 0 | 2-1- | ۰ v | 2" | · | 101 | | | | 5 | | ملدرم | | |
| | | | 5 | -0 | <u>, </u> | 100 | 1 | ♥ | |) / m { | , SIN T. COM | ere | woist !! | |
| — — | | | <u> </u> | ۲ | | | | | | | | | | |
| | | | | | | | · | | | | | | | 1 |
| -10 | | | | | | | | بريد يد سكند. وه ، به به ماك به مواسط ك | | | · · · · · · · · · · · · · · · · · · · | - | | |
| | | 1 | | | | | | | 1 | E | OR Q 9 | 1 | - | |
| | | 1 | | | | | | | | | | | | |
| | | | ł | | | 1 | | | | | | | | |
| | | | ſ | | | | | | | | | | 1 | |
| 15 | | | | | | 1 | | | | | | | | |
| | | Ī | ſ | | | | | | i | | | Í | | |
| | | | ľ | | | | | | | | | | | |
| | | | F | | [| | | | | | | | | |
| | | | F | | | | | | | | | | | |
| 20 | | | ŀ | | | | | | | | | | 1 | |
| | | | ŀ | | | | | | | | | | | |
| | | | - | | | | | | | | | | 1 | |
| | | | | | | | - F | | | | | ٠ | | |
| | | | | | | | | | | | | | | |
| | | | Ļ | | | | | | 1 | | | | | |
| 25 | 1 | | L | | | 1 | | | | | • | | · [| |
| | | | | | | | | | | | | | 1 | |
| | | | Г | | | | | | | | . • | | 1 | |
| | | | ז | | | | | | | | | | | |
| | | | L L | | | | [| | 1 | | | | | |
| 30 | | | ⊢ | | | | | | 1 | | | | | |
| | | | ⊢ | | | | | | | | | | | |
| | | | ⊢ | | | | | | | | | | ļ | |
| | | | | | $\leftarrow \downarrow$ | 1 | | | | | | | | |
| MMENTS | s: 50 | et | a l | 6 11 | $\{f_i\}$ | shm. | 14 m | stain 10 | .15 | F | ROJECT NO. 1117 | 13261 | . 00001 | |
| teel | 1 VA | por | - s | 6 - | 1 1 | 4 . | ا م مدن | 6n + - | 4.4. | | BORING NO. 🖉 | | _ | |
| | ~ | 1 1 | | 6- | e opr | っし | 6618 | T an | 1 | (.~ [| 56 | r -1 | 5 | |

- -----

| PROJEC | T: / | 71 | <u>turn</u> | ul 1 | | 0+ | <u>" 57</u> | | | | SHEET: | 1 of 1 |
|---------|----------|---------------|----------------|-------------|--------------------|-----------|------------------|-----------|------------|----------------------|--------------------------|-------------|
| CLIENT: | ^ | YP | EC | | | | | | | | JOB NO .: 1117326 | 1.00001 |
| BORING | CONTR | ACTOR | : Z | <u>e 6r</u> | ۸ | _ | | | | | BORING LOCATION: / | 736 2nd |
| GROUND | WATER | : | | | | | CAS. | SAMPLER | CORE | TUBE | GROUND ELEVATION: | |
| DATE | | | | TYP | <u>Е ТҮ</u> | PE | | Macro cor | ٤ | | DATE STARTED: 10 | -30-03 |
| | ┨──── | | | <u> </u> | DI/ | Α | ļ | 1.5" | | | DATE FINISHED: (0 | - 30 - 0] |
| | | | | | W | <u>Г.</u> | | Dire ct | h | | DRILLER: Jo | <u>e S.</u> |
| | <u> </u> | | · | | FA | | 4 | Yush | <u> </u> | | GEOLOGIST: NC | d Dem |
| | | | | <u> </u> | | • PC | OCKET PE | NETROMETE | RREAD | NG | REVIEWED BY: | |
| NEDTH | <u> </u> | | | | | | | 0.01/0/07 | DESCR | RIPTION | | 4 |
| FEET | | NO | TYPE | | | 0.0% | | | ENCY | | MATERIAL | |
| | | | м | | | | COLOR | | -33 | 47 | UESCRIPTION | REMARKS |
| | | | À | | * | | | | | و منه | CONCRETE | [] _ 71D=0 |
| | 1305 | 5-1 | 6 | Vir | 75 | •'/ | DOWN | Minn | | (2) 6 | SINA for land | |
| | | | 0 | 941 | * | | | 7004 | , č | L | a reavel tr. clan | ing |
| 5 | | | M | | | | $\left \right $ | • | | العبر الع | | 710 |
| | 1210 | 5-2 | 6 _. | nide | Σ_{λ} | | | Slight | m | 6 | 7 0140 , 500 | |
| | 1210 | · ~ | r | . | 」 と | 54 | 2 | DCM | ic l | 7-01 | (/ 44 M) + YAC | 1 Dru |
| | | | D | - (u) | ~ | | | yU | . – | 4 | Stave . | |
| | | | | | | | | | | ļ | | T |
| 10 | | | | | | | | | | | | |
| | | | | <u> </u> | _ | | | | | Ē | 015@91 | |
| | | | | · | | | | | | | | |
| | | | | | _ | | | | | | | |
| 15 | | | | | | | | | | | | |
| | | | | | - | | | | | | | |
| | ľ | | | | - ' | | | | | | | |
| | | | | | | | | | | | н. - | |
| | | | | | | | | | | | | |
| 20 | | | [| | | | | | | | | |
| | | | [| | | | | | | | | |
| | | | | | | | | | 1 | | | • |
| | | | ļ | | | | | | | | | |
| | | | Ļ | | | ľ | | | | | | |
| 25 | | | ŀ | | _ | | | | | | | |
| | | . | ŀ | | | | | | | | | · · |
| | | ļ | ŀ | | | | | | | | | |
| | | [| ┝ | | | | | | | | | |
| 30 | | | ŀ | | | | | | | | | 1 |
| | | | H | | | | | | | | | |
| | | | ŀ | | - | | | | | | | |
| | <u>L</u> | | | | | | | | | | • | |

in list smart -re

| [| | | | | | | | | | | | | |
|----------|----------|------------|--------|--------------------|-------------------|------------|--|-----------|----------|--------------|--|------------|-------|
| | | | | URS | S Co | orpora | ation | | | | TEST BORIN | IG LOG | 7 |
| ļ | | | | | | • | | | | | | 17 | 4 |
| PROJEC | T: / | 1+ | Aven | 1.1 | 1 | 1. H | 21. | | | | | -11 | 1 |
| CLIENT: | ···· { | 1.102 | | | <u>e</u> | 10 | - 21 (| | | | SHEET: | | |
| BORING | CONTR | ACTOR | | - 10 | <i>a</i> . | | | | ···· | | JOB NO.: (11 7 32 51. 8 | 4 60 | |
| GPOUND | WAIATEE | | · | 201 | a | | | | | | BORING LOCATION: (| 146+++2 | r"Ave |
| GROUNL | WATER | (; | | | | _ | CAS. | SAMPLER | CORE | TUBE | GROUND ELEVATION: | | |
| DAIE | TIME | <u> </u> | VEL | | PE | TYPE | | Marrocore | ł | ļ | DATE STARTED: 10 - | 30-03 | |
| | | · | | | | DIA. | | 1.5" | ļ | | DATE FINISHED: 10 | -30-03 | |
| | <u> </u> | <u> </u> | | <u> </u> | | <u>wт.</u> | | Direct | <u> </u> | | DRILLER: JAC | <u> </u> | |
| | | ļ | | ļ | | FALL | 4' | LIPUSA | / | <u> </u> | GEOLOGIST: Ne | l Berry | |
| L | | | | | | * PC | OCKET PE | NETROMETE | R READ | ING | REVIEWED BY: | | |
| | L | | SAM | PLE | | | | | DESCI | RIPTION | | | |
| DEPTH | | | | BLO | WS | | | CONSIST | ENCY | | MATERIAL | 1 | |
| FEET | TIME | NO. | TYPE | PER | R 6" | ROD% | COLOR | HARDNE | SS | | DESCRIPTION | REMARKS | 5 |
| | | | M | | 1. | | | | | | 31 Calendar / | | |
| | 1.00 | 1/1 | A . | | × | | Terk | | | 1 | Manuff and Ante | 1 910=0 | |
| | 115.0 | 12-1 | L | V . | N. | 20% | Back | Douse | , | 200 | Weathered conc. | pru | |
| | 1 | | r b | | , (`` | | Juv | () | | 4-14 | (4 CC + 51 LT) 5000 | | |
| 5 | | | | | V | | 1 | → | | 4-0 | gravel, tr. per | parel. | L. |
| | | 1 | m | - 200 | U ^K | | (| | 14 A | f-m | souch + f - c | PIDEA | |
| | 1355 | 5-2 | A I | <u>7 " </u> | •• | 151 | 7 | Meni | ~~ | 9 CA | vel, trace | 1.17=0 | |
| | | | r. | - 23 | ~~ 4 | 4 | | Dens | e | c : 1 | 1 + converte | Drn | Ì |
| | | | | | | | , | | | | | | |
| 10 | | | | | | | | | <u></u> | | · · · · · · · · · · · · · · · · · · · | | |
| | | | | | | | | <u> </u> | | | | | |
| | | | | | | | | | | E | EOB@ 91 | | |
| | | | | | | | | | | | | | |
| | | | | | [| | | | | | | | |
| | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | [| | | | | | | | н. С. С. С | | |
| | ľ | | | | | | | | | | | | |
| | | | [| _ | | | | | | | | | |
| 20 | | | | | _ | | | | | | | | |
| | 1 | | ſ | | | | | | | | | | |
| | | | | | | ļ | | | | | | | |
| | | 1 | ſ | | | | | | | | н. Г | | |
| | | | ſ | | _ | | | | | | | | |
| 25 | | | ł | | | | | | | | | | |
| | | | ŀ | | | | 1 | | | | | | |
| | | ł | ŀ | | | | | | | | | | |
| | | | ŀ | | | | | | | | | | |
| | | l | ŀ | | | | | | | | : | | |
| | | | ŀ | | | | 1 | | | | | | |
| _30 | | | Ļ | | | | | | | | | | |
| | 1 | | F | | | | | | | | | | |
| | | | | | | | | | | | | | |
| OMMENT | rs: (. | ct T | n le | , " [, | 410 | (hwo | v nt J | stainles | 5 0 | 1.1 | PROJECT NO. 111 75 2 | -61. 00301 | |
| (anor | (Lin | 41.4 | | ۲ اهم د د. | 1. | + + | M Char | ed at | ai | | BORING NO. | ,, | |
| <u> </u> | * 7 *1 | 1 | 5 | ~ | 1 4 1 | | \ \ <u></u> <u></u> <u></u> <u></u> | ··· ··· | ((| ワロ | سی د | - / / | |
| NEHAN | 1)(1 | (11. | | T | 1. | 1 ~ | | | | | | | |
| ~~vv | | ₩ U | | | ar | i r | 9 | | | | | | |

.

| | | | | _ • • | - • | | | | | | | | |
|------------|-------|-------|----------|----------|------|-------------|----------|------------|----------|-------|--|-----------------|----------------|
| PROJEC | т: / | T A | Venu | 2. | + • | 10 + | 1 31 | ret- | | | SHEET. | · <u>> 0</u> | $r = 1 \sigma$ |
| CLIENT: | Ň | YDE | C | | · | <u></u> | | | | | | 173261 | |
| BORING | CONTR | ACTOR | : Z | -26 | ra | | | | | | BORING LO | CATIONI L | THE |
| GROUND | WATER | : | | | | | CAS. | SAMPLER | CORF | TURE | | EVATION: | 170 11.9 |
| DATE | TIME | LE | VEL | T | /PE | TYPE | | Mar m luo | | TODE | DATE OTAD | TED. /A | 1 7 |
| | | | | <u> </u> | | | 1 | 1 1 1 | <u> </u> | | DATE STAR | TED: 10 | -71-03 |
| | | | | | · | WT. | <u> </u> | D.7. | | | DATE FINISI | | -31-0] |
| : | | | | | | FALL | | 141 | | | CEOLOCIET | | <u>c s.</u> |
| | | | | | | * P(| | NETROMETER | READ | ING | BEVIEWED I | <u>· NC</u> | n Terre |
| | | | SAM | PLE | | | | | DESCI | | | | ······ |
| DEPTH | | | Γ | BLC | ows | [| | CONSIST | NCY | | MATERIA | | - |
| FEET | TIME | NO. | TYPE | PEF | R 6" | ROD% | COLOR | HARDNE | SS | ł | DESCRIPTI | | DEMADIZO |
| | | | Μ | | L | | | | | 1 . 2 | # <u>/</u> | oh d | REMARKS |
| | A15 | 6.1 | A | _11 | W. | -1 . 01 | 6-my/fu | - | | | LUNCT | CTC / | TIDEO |
| | ריזט | 7.1 | Y | 4 | 1 | 106 | BARN | Dense | • | ~ "" | weathers | d conc. |) Dry |
| | | | U | Y | | | | | | | 4100, 501 | 42 + 9 | |
| 5 | | | | | | | | | _ | | L, Tr. 49 | AT M S | AUCI. |
| | | | | | | | | | | 0-1 | LAAL A | 351 | |
| | | | | | | | | | | PC7 | 0741 0 | | 1 |
| | | | | | | i | | | | | e T | | |
| | | | | | | | | | | , | | 1 | |
| 10 | | | | · . | | | | | | | | ۰. | |
| | 1 | | | | | | Í | | | | | | |
| | | | | | | | | | | | | | |
| | | | ŀ | | | | | | | | an an saidh | | |
| 15 | | | ł | | | | | | | | | | • |
| — <u> </u> | | | H | | | | | | | | | | |
| | | ļ | ŀ | | { | | | | | | | | |
| | ł | ľ | ŀ | | | | 1 | | | | | | |
| | | | ŀ | + | | | | | | | | | |
| 20 | | | ł | | | 1 | | | | | | | |
| | | | | | | | | | | | | | |
| | | | F | | | | | | | | | | |
| | | [| L L | | | · 1 | | | | ~ | | | |
| | | | L | | | | | | | | | | |
| 25 | | | ſ | † | | | | | | | | | |
|] | | | Γ | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | [| Ľ | | | ł | | | | | 1 | | |
| | | | | | | 1 | | | | | | | |
| 30 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | 4 |
| | | | | | | | | | | | | | |
| MMENT | s: ∧ | L. | 0+ | | 2 | 1 + | ·A + | he is | AL | P | ROJECT NO | 11732 | 61.00001 |
| | U | 716 | C 1 | \sim | > | ۲ | · - / | | -, -(| | BORING NO. | | |
| | C | 10 | oroc | re | 6 | 4 10 | D1 | arillr | 19. | | | <i>-</i>) (| - 18 |

(Run 1)

| | | | | 0/(0 | Scipul | auvn | | | | IESI BC | JKIN | GLOG |
|---------|-------|------------------|---------------------------------|--------|----------|----------|--------------|-----------|--------------|------------------|-------------|---------------|
| PRO.IFC | т: / | Λ. Τ | V.Q | . L | - A . I | 6 7 - | <u></u> | | BO | RING NO: 56 | | 8 (Run . |
| CLIENT: | | | C C | N T | 10 + | n 54 | <u>rcc +</u> | <u></u> , | SHE | ET: | | 1 of 1 |
| BORING | | ACTOR | . 7 | - 1.5 | | | | | JOE | BNO.: [117 | 326 | 1.0000 |
| GROUND | WATER | 2: | ··· | C 01 - | <u> </u> | CAR | | CODE | BOI | | N:/74 | 48 / |
| DATE | TIME | | VE | TVP | | CAS. | SAMPLER | CORE | TUBE GRO | DUND ELEVAT | <u>10N:</u> | |
| | | _ = | · · · | | | | PLACFOCUTO | | | E STARTED: | 10- | 31-03 |
| | | | - · · - · · · · · | | WT | 1 | | | | E FINISHED: | 10- | <u> </u> |
| | | <u> </u> | | | FALL | + | | | | | 501 | <u>e S.</u> |
| | | | | | * P | | | | | | Nec | <u>l Berr</u> |
| | | | SAM | PLE | | | | DESCE | | | T | |
| DEPTH | | | | BLOW | s | 1 | CONSIST | INCY | | | | |
| FEET | TIME | NO. | TYPE | PER 6 | " ROD% | COLOR | HARDNE | SS | DE | SCRIPTION | · . | |
| | | | M | | Y | lund | | | N 311 | Con cre + P. | | |
| | 1025 | 1-1 | a L | DIL | - and | onin. | | | La lell sele | and a set of the | | DN = (|
| · | 0.[~] | 1 2-1 | r, | | 106 | Law | 1 Deus | L I | | d + cil+ d | | Der |
| | | | <i>v</i> | 101- | | | | | Finne | 1 + 454 | اس د | invel |
| 5 • | - | | | | | | | | | | | |
| | | | | | _ | | | | Refusa | 1@4' | | |
| | | | | | | | 3 | | | | | |
| | | | | | - | | | | , | | | |
| 10 | | | | | | ł | | | ۱. | | | |
| | | | | | - | | | | | | | |
| | | | | -+- | _ | | | | | | | |
| | | | | | - | | | | | - | | |
| | | | | | - | | | | | | | |
| 15 | | | | | - | | | | | | | |
| | | | [| | | | | | | | | |
| | | | | | | | | | | | | |
| | | | ļ | | | | | | | | | |
| | Í | | ļ | | | | | | | | | |
| | | | ŀ | | _ | | | | | | 1 | |
| | | | ļ | | - | | | | | | | |
| | | 1 | ŀ | | | | | | | | | |
| | | | ŀ | | - | | | | | | | |
| 25 | | | ŀ | | - | | | | | | | |
| | | | ŀ | | | | | | | | | |
| | | | ŀ | | - | | | | | | | |
| | | | F | | - | | | | | | | |
| | | | L L | | - | | | ľ | ; | | | |
| 30 | | | F | | - | | | | | | | |
| | ľ | | F | _ _ | - | | | | | | | |
| | | | F | | - | 1 | | | | | | |
| MMENT | S: | de . | 6 | | · / | <u> </u> | and it | l. | PPO | | | () |
| | 01 | | -1 | | • • • • | re e | ait t | | ROPI | | 134 | |
| | | | | ~ 1 | . 51 | to 1 | with. | | | S/r | -18 | 11000 7 |
| | | | / | | () | | La*11 * | | | <u> </u> | | 1 - 1 - 1 |
| | | | | _ / | | 41 | | | | | | |

| | | | | URS C | orpora | ntion | | | | TEST BOR BORING NO: </th <th></th> <th>3</th> | | 3 |
|-------------|-------------------|-------|----------|----------|-----------|----------|------------------------|--------|---------------|--|---------------|----------------|
| ROJEC | т: [| 57 A. | YLUVL | 1 + 9 | otu | STREE | F | | - 11 | SHEET: | 1 of 1 | ╧╢ |
| LIENT: | N | 1-109 | 20 | | | | | | | JOB NO.: 1117 3 | 261.0000 | ┮╢ |
| ORING | CONTR | ACTOR | : 20 | Gra | | | | . – | | BORING LOCATION | : 1748 15+ | A |
| ROUNE | WATER | | | | | CAS. | SAMPLER | CORE | TUBE | GROUND ELEVATIO | | 4 |
| DATE | TIME | LE | VEL | TYPE | TYPE | 1 | MALMIN | | | DATE STARTED: / | 0-31-0 | 7 |
| | | | | 1 | DIA. | <u> </u> | 1.5" | | | DATE FINISHED: / | 0-31-23 | <u> </u> |
| | | | | | WT. | | $D \cdot \overline{V}$ | | | DRILLER: | Fue S. | - |
| 1 | | | | | FALL | | 41 | | | GEOLOGIST: | Vert ber | |
| | | | | | * PC | OCKET PE | NETROMETEI | R READ | NG | REVIEWED BY: | | 71 |
| | | | SAM | PLE | | | | DESCH | RIPTION | | <u> </u> | ╾┶┩ |
| DEPTH | | | | BLOWS | | | CONSIST | ENCY | | MATERIAL | | |
| FEET | TIME | NO. | TYPE | PER 6" | ROD% | COLOR | HARDNE | SS | | DESCRIPTION | REMARK | s |
| | | | M | L | | ling teh | | | \~ | "Concrete | 7.0. | |
| | 1935 | 5-1 | 4 6 | ricer | andi | UTA (7) | Dinks | C | (NI. | " menter and ca | incl) VIV = C | ′∥ |
| | | | r., | V' h | 1706 | hown | (| - | f.m. | cand land ci | nt Dry | |
| | | | <i>v</i> | | ¥ | | • | | +f | ravel trom an | and + esh | • |
| 5 | | | MA | <u> </u> | - | | scru | 1 | | | | |
| | 0155 | 5-9- | U C | Pict | NA | | n . n | ie - | 1/2 | · Recovery | | |
| | | · · | 0 | | ¥, | | y U | | | · · · · · · · · · · · · · · · · · · · | ' | |
| | | _ | | | 1 | | t (| | | · · · · · · · · · · · · · · · · · · · | | -+ |
| 40 | | | | | i | | * | | | · | · | |
| 10 | | | | | | | | | | 41 | | |
| | | | | | 4 | | | | + + | | | |
| · | | | | | 4 | | | | | | | |
| | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| | | | | | 1 | | | | | | | |
| | | | | | 1 | | | | | • | | |
| | | | | | | | | | | | | |
| | | 1 | | | | | | | | | | l |
| 20 | | | | | 1 1 | | | | | | | |
| | | | | |] | | | | | | | |
| | | 1 | [| | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | ļ | | | | | | | | | |
| | | | ļ | | | | | | | : | | |
| <u> </u> | | | | | | | | | | | | |
| 30 | | | ļ | | | | | | | | · · | |
| | | | ļ | | | | | : | | | | |
| | | | | | | | | | L | | | |
|)MMEN | ^{τs:} ζά | ct o | x 6 | " [+ 1. | shmou | nt) s. | tainler | s st | r e [] | PROJECT NO. 117 | 13261.0000 | |
| hpor | sam | plin | 9 i | mplan | t and | chore v | (4+7 | 4/1 6 | 55. | BORING NO. | -18 | |
| | | | | | | | | | | | | |

s s s s s s s s s

| | • . | | | UR | S C | orpora | ation | . <u></u> | | | TEST BOR | RING LOG | Ĩ |
|-----------------|----------|-------|--------------|-----------------|-----------------|---------------------------------------|------------|------------------|----------|------------|---------------------|---------------|--------------|
| ROJEC LIENT: | T: // | | trane E C | 14 | Ŧ | E. | 70 +4 | s + . | | | BORING NO: S | <u>1 of 1</u> | Σ |
| ORING | CONTR | ACTOR | : Z | -=6 | ra | | | | | | BORING LOCATION | 412 5 90 | ٦, |
| ROUND | WATER | ł: | | | | ····· | CAS. | SAMPLER | CORE | TUBE | GROUND ELEVATIO | N: | ᆁ |
| DATE | TIME | LE | VEL | יד | YPE | TYPE | | MALTICON | ł | | DATE STARTED: | 0-21-02 | |
| | ļ | | | | | DIA. | | 1.5" | | | DATE FINISHED: | 10-31-03 | |
| | | ļ | | Į | | wт. | | D.P. | | | DRILLER: | Joe S. | |
| | | ļ | _ | | | FALL | | 4' | | | GEOLOGIST: | Ned Berr. | ᆂ |
| | ļ | | | | | * PC | OCKET PE | NETROMETE | R READ | ING | REVIEWED BY: | |]' |
| | | 1 | SAM | | | · · · · · · · · · · · · · · · · · · · | | | DESC | RIPTION | | | 7 |
| EPTH | | | | BLO | ows | 1 | | CONSIST | ENCY | | MATERIAL | - | |
| FEET | TIME | NO. | TYPE | PE | R 6" | ROD% | COLOR | HARDN | ESS | | DESCRIPTION | REMARKS | |
| | { | | M | ļ | | | 1. At | li | UM | <u>~~</u> | "concrete | PID=0 | וך |
| | 1145 | 5-1 | 2 | Q ic | μ_{-} | 751 | 1 n | MCU | | 10~ 6 | ,"weathered | conc.) DIM | |
| | | | ` 。 | -91 | l.h. | 106 | (10 61) | 90 | ~~~ | F-m | sand, some | z stit, " | |
| 5 | | | | | <u> </u> | | 12 | (| • | <u>+r.</u> | f gravel. | + = 14. | |
| <u> </u> | urr | (-) | | 00 | at | any | 76500 | \ | - | F-m | sand, som | · c silt, 710 | |
| | כטיי | 3 - | ۲°, | μ, | 1.1 | 100 | b | 7 | | tr f | -m sourt + | - pea shel | , T - |
| | | | | ` | | | | | | 3~ | / 1 . | , |] ` |
| | | | | | | | | | | Re | fural @ | | |
| 10 | | . 1 | | | <u> </u> | | | | | | N 1 51 | | |
| | | | | | | | | | | | · · · · · | | |
| | | | | | | | | | | | | | |
| | | | 1 | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| | i | | | | | | | | | | а 16 | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | ļ | | | | | | | | | | |
| 20 | i | | | | | | | | | | | | |
| | | | ļ | | <u> </u> | | | | | ļ | | | |
| | | | | | | | | | | | | | |
| | | | ļ | | | | | | | 1 | | | |
| | | | Ļ | | | | | | | | | | ł |
| 25 | | | H | | · | | | | | | | | 1 |
| | 1 | | ļ | | | | | | | | | | |
| | | | ļ | | | | | | | | | | |
| | | | ļ | | | | | | | | t. | | |
| | | 1 | ŀ | | | | | | | [| | | |
| 50 | | | ŀ | | | 1 | | | | | | Ţ | |
| —— | | | - | | | | | | | | | | |
| | | | | | | | | | | L | | | |
| n IVIEIN I | ·•: (| 2.64 | 50 | + | ~ | ノろ | 1 to | eus | r. | | | 17261.00001 | |
| | | 110 | m | <i>.</i> | 66 | ١Ô | DT | det il m | i.a | | BORING NO. < | - 19 | |
| | <u> </u> | | | <u> </u> | | | | | <u> </u> | | <u> </u> | - 1 1 | l |

(Run 1)

| | | | | UR | S C | orpora | ation | | | | TEST E | ORIN | IG LOG |
|--------------|-------------|-------------|----------|-------------------|--------------|--------------|--|--|----------|--------------|---------------------|------------|----------|
| | | <u></u> | | | | _ | •••••••••••••••••••••••••••••••••••••• | | | | BORING NO: 5 | 6-1 | 1 (RUML) |
| ROJEC | <u>:: /</u> | <u> </u> | Ave | <u>N V4</u> | <u>e</u> . | <u>+ E.9</u> | 0 54 | • | | | SHEET: | | 1 of 1 |
| LIENT: | <u>N</u> | <u>Y 94</u> | | | | | | ······································ | | | JOB NO .: [117 | 3261 | .0000 (|
| ORING | CONTR | ACTOR | : Z | <u>e b</u> | m | | | | | | BORING LOCAT | 10N: 4 | 02 F. 90 |
| ROUNE | | l: | | · · · · · · | | | CAS. | SAMPLER | CORE | TUBE | GROUND ELEV | ATION: | |
| DATE | TIME | | VEL | | (PE | TYPE | | Macrour | | | DATE STARTED | :)0- | 31-05 |
| | | ┝ | | | | DIA. | <u> </u> | 1.5" | | | DATE FINISHED | : 10 | -31-03 |
| | + | <u> </u> | | | | WT. | <u> </u> | D.P. | | | DRILLER: | J . | e 5. |
| | · <u> </u> | | | | | FALL | I | 41 | | | GEOLOGIST: | Ne | d Berry |
| <u></u> | | | | <u> </u> | | * PC | | NETROMETEI | READ | ING | REVIEWED BY: | | t |
| | | <u> </u> | | PLE | | <u></u> | ļ | | DESC | RIPTION | | | |
| CCCT | TIME | | | BLO | DWS | | | CONSISTE | NCY | | MATERIAL | | |
| | | NU. | ITPE | | K 6" | ROD% | COLOR | HARDNE | SS | <u> </u> | DESCRIPTION | | REMARKS |
| | | | M 6 | | 1+ | 100 | light | Sel: | MA. | <u>~ ~ !</u> | " Concre | te / | P10 = + |
| | 1215 | 2-1 | 6 | l vi € | <u>p</u> | 756 | brun | J'INI | | K~ 6" | weathered | Conc. | Don |
| | | | .0 | - 2 | | | (40 6) | Der | K | 1+-m | sance, sou | e 51 | +, |
| 5 | ╞╌╌╌┤ | | M | | | | K | 1 | • | 1tr. 4 | - gravel + | 472 | • |
| | 1225 | 5-2 | A | 717 | 4 | 1.5% | y ar | 7 | | +-m | and, some | 5:14 | 710 = 0 |
| | | | 50 | | 74 ku | 410 | S | V | • | tr. f- | m gravel . | r 016 | SAW1. + |
| | | | | | | | | | | | - | | |
| | | | | | | | | | | E | 05 @ 6.5 | -1 | |
| 10 | | . 4 | | | | | | | | -(| | | |
| | | | 1 | | | | | | | | | | |
| | | | [| | | | | | | | 4 | | |
| | | | [| | | | | | | | | | : |
| | | ľ | | | | | | | | | | | |
| 15 | | | ļ | |] | | | | | | | | |
| | | | ļ | | | | | | | | | | |
| | | | H | | ~ | | 1 | | | | | | |
| | | | ŀ | | | | | | | | | 1 | |
| 20 | | | | | | | | | | | | | |
| 20 | | | ╞ | | | | | | | | | | |
| { | 1 | | ŀ | | | | | | | | | | |
| | | | ŀ | | | | | | | | | | |
| | | | ŀ | | | | | | | | | 1 | |
| 25 | | | ┝ | | | | | | | | | | |
| | | | - F | | | | | | | • | | 1 | |
| | 1 | | F | | { | | | | | | | ł | |
| | | | + | | | | - | • | | | | | |
| | | | ┢ | | | | | | | | : | | |
| 30 | | | ┢ | | | | | | | | *. | Í | Į. |
| | | | F | | | | | | | | | | |
| | | | F | | | | ſ | | | | | | |
| IMENT | 'S: /) | 7 60 | | - 2 | ····· | | | 1+ (~~) | | · · · · | | | |
| - ~ | 14 | . 5 | et | a | 6" | (+1. | sh me | un(4)(4) | nin 1- | i. | KOJECT NO. / | 1732 | 61.0000 |
| rel | ru. | an | | | | 1 J | | | 1 | ", " P | | , | ا س |

.....

| | | | | UR | S Co | orpora | ation | | | | TEST B | ORIN | IG LOG | |
|---------------------------------------|----------|--------------|----------|-------------|----------|----------|----------|------------|------------|-------------------|--------------------|-------------|------------|----|
| ROJEC | т. і | (F . | A | | | | | h | | | BORING NO: | 56 | - 20 | |
| I IENT | <u></u> | (N/ N) | TYCUL | | + 1 | • 90 | TU S | + rect | | | SHEET: | | 1 of 1 | |
| | | <u>v v V</u> | <u> </u> | An - | - | | | | - <u> </u> | | JOB NO.: 117 | 326 | .00001 | |
| ORING | CONTR | ACTOR | :25 | 72 | <u>A</u> | | | | | | BORING LOCAT | ION: A | cross from | 43 |
| ROUND | WATER | <u>.</u> | | | | | CAS. | SAMPLER | CORE | TUBE | GROUND ELEV | TION: | | E |
| DATE | TIME | LE | EVEL | <u> </u> | YPE | TYPE | | Maine work | , | | DATE STARTED | : 10 | -31-03 | 9 |
| · · · · · · · · · · · · · · · · · · · | <u> </u> | | | | | DIA. | | 1.5" | | | DATE FINISHED | 10 | -31-03 | |
| | | | | | | WT. | <u> </u> | 7.7. | | | DRILLER: | | 1 5 | |
| | | | | | | FALL | | 41 | | | GEOLOGIST. | | d Barres | |
| | | | | | | * PC | CKET PE | NETROMETEI | | NG | REVIEWED BY | 14 4 | - neric | 1 |
| | | | SAM | PLE | | | | | DESCE | | | | | |
| DEPTH | | <u> </u> | 1 | BI | OWIS | <u>r</u> | | CONSIGT | DESCR | | | | - | |
| FEET | TIME | NO | TYPE | | D 6" | BODW | | CONSISTE | | | MATERIAL | | | |
| | | | A | | | ROD% | COLUR | HARDNE | 55 | | DESCRIPTION | | REMARKS | |
| | | | 2 | | x | | | | | $\backslash \sim$ | 3" Conur | <u>+e /</u> | 110 -0 | |
| | 1715 | 5-1 | L | a te | <u>~</u> | 6.0% | Bown | Mcdi | าพา | (~ 6' | unsuch. | one. | | |
| | 1.1.1 | · · | r | <u>у</u> , | <u>_</u> | 000 | p · | | | f-m | sand sou | ne si | 1+ 7 | |
| | | | 0 | <u> </u> | | | 1 | חתו | .)7 | + F | Arburl tr | · briz | IC I | |
| 5 | | | M | | . * | | | 1 | 1 | | , | | | |
| | 1120 | 5-2 | | os? | | = ./ | | | | 1- | | | PID = 0 | |
| | 1000 | /- ~ | | 10 | <u></u> | 50% | | | | (50 | me Gsa | Give | Moret | |
| | | | ò | | | | T | 7 | | | | | | |
| | | | | | | | | | 1 | | | ••••• | | |
| 10 | | | | | | | | | | | | | | |
| | | | | | | | | | | E | | 1 | | |
| | | | | | | | | | | L | :00 @ 7 | • | | |
| | | | | | | | | | | | | | | |
| | 1 | | | | | | | ٠ | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 15 | | · | | | | | | | | | | | | |
| | | | | | | | | | ľ | | | | [] | |
| | | | | | | | Í | | | | | : | | |
| | | | | | | | | | | | | 1 | | |
| | | | | | | | | | | | | | | |
| 20 | 1 | | | | | | | | | | | | | |
| | ľ | 1 | ſ | | | | | | | | | | | |
| | | - 1 | i i | | | | [| | | | | | | |
| | | | 1 | | <u> </u> | | 1 | | | | | | | |
| | | | h | | | | | | | | | | | |
| 25 | | | ŀ | | | | | | | | | | - | |
| | | 1 | ŀ | + | | | | | | | | | | |
| | 1 | | ŀ | | -+ | | | | | | | | | |
| | | | Ļ | | | | | | | | | | | |
| | 1 | | L | | | | | | | | 1 | | | |
| | 1 | | | | | | | | | | | | | |
| 30 | | | ſ | | | | | | | | | | | |
| | | | Г | | | | | | | | | | | |
| | | | F | | | | | | | | | | | |
| MMENT | S: < | - L | | i f | 7. | 7 | | | | | | | | |
| A | - 71 | [[] | r () | ື ປາ | * () ! | 14 m | レ99)、3 | thinks | 1.+ | < c /] | PROJECT NO. () | 1732 | 61.00001 | |
| ·li ox | 764 | apti | n 1 | in | . yr 14 | n + | anche | irad a | + 4' | 691 | BORING NO. < | 5/ | - 7 - 1 | |
| | | | | | | | | | | | ••• | 0 | | |

. _ _ _

.

| | | | | UR | S Co | orpora | tion | | | | TEST BORIN | IG LOG |
|---------|-------------|-------------|----------------|----------|----------|-------------|------------|-----------|---------|------------|--------------------|---------------|
| | · | | _ | | | | | | | | BORING NO: 5 G | - 21 |
| PROJEC | <u>T: /</u> | 12 | Ave | NU | 4 | - 90 | 74 | stric. | 1 | | SHEET: | 1 of 1 |
| CLIENT: | C | <u>1-10</u> | EC | | | | | | | | JOB NO .: 117 326 | 1.00001 |
| BORING | CONTR | ACTOR | <u>: 7</u> | . 261 | m | | | | | | BORING LOCATION: 4 | 17 E. 90 |
| GROUND | WATER | l: | | | | | CAS. | SAMPLER | CORE | TUBE | GROUND ELEVATION: | |
| DATE | TIME | LE | VEL | T | (PE | TYPE | | Maso Cor | 2 | | DATE STARTED: 11- | 3-03 |
| | | L | | | | DIA. | | 1.5" | | | DATE FINISHED: | -3-03 |
| | ļ | <u> </u> | | | | W Т. | | D.P. | | | DRILLER: Ch | AFIIC G. |
| | | ļ | | <u> </u> | | FALL | | 41 | | | GEOLOGIST: NO | d Berry |
| | | | | | | * PC | OCKET PE | NETROMETE | R READI | NG | REVIEWED BY: | |
| | ļ | | SAM | PLE | | | | | DESCF | RIPTION | | |
| DEPTH | | | | BLO | ows | 1 | | CONSIST | INCY | | MATERIAL | |
| FEET | TIME | NO. | TYPE | PE | R 6" | ROD% | COLOR | HARDNE | SS | | DESCRIPTION | REMARKS |
| |] | | M | | . 1 | | | | | $\sqrt{3}$ | " Concrete / | |
| | arat | 151 | 4 | Di | per l | 601 | Dork | Marili | J ML | NI | " wathered con | k.) |
| -, | | ľ | S , | 2 | 1, h | | Brown | | 4 | F-m | shad, some si | + " |
| | | | _ | | | | 1 | yea | 7 🗸 | +4. | ravel, tr. migro | ver+ cond |
| 5 | | | <u> </u> | | ext. | | | | | £-100 | Land + f-m | 717 20 |
| | 0810 | 5-5 | [⁷ | ∇ | لمدمآ | 60% | | Den | 50 | 4.000 | rel, some | |
| | _ | | 6 | Y | 1 | | , v | V | | العن ا | nort+c | yra |
| | | | <u> </u> | <u> </u> | | | | | | | | |
| | | | l I | | | | | | | Ĩ | EOB Q7' | |
| 10 | | . : | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | 1 | | | | |
| 15 | | | | | | | | | | | | |
| | | | | | | | | | | | м м | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | - | | | | | | | | • • • • • • • • • | |
| 20 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | ľ | | | | | | | | - | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | ł | | | | | | | | | | | |
| | | | · | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | 4 | |
| | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| OMMENT | rs: 50 | ct | a b | , 11 | 410 | shme | orn H | steinl | ess | | PROJECT NO. (11732 | 61.00001 |
| ste z | (v | °4 p 01 | r Śi | im, | lin | n i | mpla | nt anc | hore | ん | BORING NO. | . . 'I |
| at | | 71 | 64 | s . ' i | (sea | Jobe | 660 | 0 07 0 | rill 1 | nia. | 56 | ースレ |

| · / | 57- | | UR | S Co | orpora | ntion | | | | TEST | BORIN | IG LOG |
|----------|-----------------------|---|--|--|--|----------|--|---|-------------|---|--|--|
| : /: | 5+ | 71 - | | | | | | | | | | |
| :_/ N | 5+ | 71 | 100 | | | | | | | BORING NO: | 50- | -22 |
| N | | MU | 100 | - + | 90 | th 5 | treet | | | SHEET: | | 1 of 1 |
| | ND | EC | | | | | | · | | JOB NO .: / 11 | 13261 | . 00001 |
| :ONTR/ | ACTOR | : 2 | -elo | m | | | | | | BORING LOCA | TION: 4 | 07 F 901 |
| NATER | : | | | | | CAS. | SAMPLER | CORE | TUBE | | ATION | |
| TIME | LE | VEL | T | /PE | TYPE | | Mereacon | | | DATE STARTE | | 2-02 |
| | | | <u> </u> | | DIA. | | 1. 5-11 | r | <u> </u> | DATE STARTE | | <u> </u> |
| | | | 1 | | WT | | ~ // > | | · · · · · · | DATE FINISHE | | 5-05 |
| | | | | | FALL | | | | | CEOLOCICT | | FIL C. |
| | | | | | * PC | | | | | GEOLOGIST: | NE | a Berry |
| | | SAM | PIF | | | | | DECO | | INGAICAACD BI | | |
| | | | | | l | | CONDICT | DESU | | | | 4 |
| TIME | NO | TYPE | | -443 D 64 | 800% | | | INU T | 1 | MATERIAL | | |
| 1 1678 L | | 11FG | | | | COLOR | HARDNE | 35 | | DESCRIPTION |) <u>.</u> | REMARKS |
| | | n. | • | 1.1 | | | | | \~_ | 2" Cours | retre/ | 719=0 |
| 0850 | 5-1 | 6 | 01 | | 55% | 1 rown | Machiv | ш | (~6 | " weethere | d com | F.) PM |
| | | '0 | -6 | Ju M | | | N.J 4. | | -f-m | sand, s | our - | f-m i |
| | | | | | | | Venn | V | gau | el , do. 6; 1. | + | |
| | | M | | ≁ | | | (| | f-m | Sance . | some | PIN= 1 |
| 0855 | 5-2 | ີເ | יזק | | | + | L 7 | | f.m | sources, | +, | 1.0-0 |
| | | r | - 7- | ا ⊾ ا | 1.0 | | l l | | 5114 | + brick | 1 | but |
| | | | | ļ | | | | | | | | |
| | | | | | | | | | | · · · · · · · · · · · · · · · · · · · | | |
| ſ | | | | | | | | | 5 | Ers @ | 8.5 | r - 1 |
| | | | | | | | | | | | | 1 |
| | . 1 | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | ĺ | | | | | | | | | | | |
| | | [| | | | | | | | | | |
| | | | | | | | | | | | | } |
| 1 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | ſ | | | | | | | | | | |
| | | ľ | | | l | | | | | | | |
| | | ľ | | | | | | | | | | |
| | | | | | · | | | | | | | |
| | | Ī | | | | | | | | | | |
| | 1 | f | f | | | | | | | | | |
| | | ŀ | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | ŀ | | | | | | | | | | |
| | | ŀ | | { | | | | | | κ. | | |
| | | ŀ | | | | | | | | | | |
| | | ┝ | | | | | | | | | | |
|] | | ┝ | | | | | | | | | | |
| | | | | | L | , | | | | | | |
| s: Se | A | G | 6" | (F | 1~441 | unnt) | stain le | c1s | | PROJECT NO. (| 11732 | 61.00001 |
| vn. | 101 | 540 | 101 | 147 | im | y 14 n | + mel | . • rz • | ん | BORING NO. | ci. | |
| v · y | <u>, - 1</u> | | 7 | | | r · · | | | | | 26 | - 22 |
| | TIME STO Strong | TIME NO. 1850 5-1 1855 5-2 1855 5-2 185 | SAMI TIME NO. TYPE 1850 5-1 4 0 1855 5-2 4 r - - - - - - - - - - - - - | SAMPLE TIME NO. TYPE PE 1850 5-1 4 0 0 0 1855 5-2 6 0 1 1 1 0 0 0 | SAMPLE TIME NO. TYPE PER 6" 1850 (-1) (Direct 0 QuM 1855 (-2) (Direct 7 QuM 1855 (-2) (Direct 7 QuM 1955 (-2) (Direct 7 QuM 1956 (Direct 1970 (Direct 197 | ${}$ | $\frac{WT.}{FALL}$ $\frac{FALL}{POCKET PE}$ $\frac{SAMPLE}{SAMPLE}$ $\frac{SAMPLE}{SAMPLE}$ $\frac{SAMPLE}{SAMPLE}$ $\frac{SAMPLE}{SAMPLE}$ $\frac{SFU}{V} (-1) \frac{V}{V} = \frac{SAMPLE}{V} \frac{SFU}{V} (-1) \frac{SFU}{V} \frac{SFU}{V} (-1) \frac{SFU}{V} $ | $\frac{WT}{FALL} \qquad \frac{P.P.}{41}$ $\frac{FALL}{*POCKET PENETROMETER}$ $\frac{SAMPLE}{SAMPLE}$ $\frac{SAMPLE}{SAMPLE}$ $\frac{SAMPLE}{SAMPLE}$ $\frac{SAMPLE}{SAMPLE}$ $\frac{SAMPLE}{SAMPLE}$ $\frac{SAMPLE}{PER 6" ROD% COLOR HARDNE}$ $\frac{STV 5-1 \ U}{U} \ D \frac{TVL}{V} \ ST°U \ STMM \ Achi U \ D CONSISTERERS $ $\frac{STV 5-2 \ U}{U} \ D \frac{TVL}{V} \ T O'U \ STOV \ SAMPLE \ STV \ STV \ STV \ SAMPLE \ STV \ STV \ SAMPLE \ STV \ SAMPLE \ STV \ STV \ SAMPLE \ STV \ SAMPLE \ SAM$ | ${}$ | $\frac{WT}{FALL} \qquad \frac{P.T.}{41}$ $\frac{FALL}{41}$ $\frac{FAL}{41}$ $\frac{FAL}{$ | $\frac{WT}{FALL} \qquad \frac{D.P.}{4!} \qquad DRULER:$ $\frac{FALL}{FALL} \qquad \frac{4!}{4!} \qquad GEOLOGIST:$ $\frac{POCKET PENETROMETER READING REVIEWED BY DESCRIPTION TIME NO. TYPE PER 6" ROD% COLOR HARDNESS DESCRIPTION \frac{VT}{V} \qquad \frac{V}{V} \qquad $ | WT. P.P. DRILLER: Cha FALL 41 GEOLOGIST: Ne POCKET PENETROMETER READING REVIEWED BY: SAMPLE DESCRIPTION TIME NO. TYPE PERS" ROD% COLOR HARDNESS DESCRIPTION MILE DIFMAT STOL 11 L. DIFMAT 12 DIFMAT STOL 1355 S-2 Consistency 14 DIFMAT 1555 S-2 14 DIFMAT 1555 S-2 15 DIFMAT 15 TOTL 16 TOTL </td |

| | | | | UR | S C | orpora | ation | | | <u>.</u> | TEST | BORIN | IG LOG |
|---------------------------------------|----------|-------------|------|----------|-----------------|--------------|----------|------------|--------|----------------|---------------|--|-----------------|
| | | | | | | - | | | | | BORING NO: | 54- | - 22 |
| PROJEC | т: / | 14 | Aven | ve | + | 70 | +n s | HNET | | | SHEET: | <u></u> | 1 of 1 |
| CLIENT: | N | 10 | EC | | | | 4 | | | | JOB NO.: 1)17 | 12.61 . | 00001 |
| BORING | CONTR | ACTOR | : Z | .ek | 74 | | | •••••••• | · | | BORING LOCA | TION 4 | 72 5 4.7 |
| GROUNE | WATER | l: | | | | | CAS. | SAMPLER | CORE | TUBE | | ATION | AJ <u>E.</u> 10 |
| DATE | TIME | LE | VEL | Т | YPF | TYPE | | Marraciant | | 1000 | DATE CTARTE | | _ 7 _ 7 |
| , | 1 | | | <u> </u> | | | <u> </u> | 151 | | | DATE STARTE | $\frac{D_{1}}{D_{2}} + \frac{1}{1}$ | - 2 - 0 2 |
| | | <u> </u> | | <u> </u> | · | WT | <u> </u> | | | | DATE FINISHE | <u>; </u> | - 7 - 0 5 |
| | <u> </u> | | | <u> </u> | <u> </u> | EALL | | | | | | | uarlie G |
| | 1 | | | <u>†</u> | | * 00 | | | | | GEOLUGIST: | <u>N</u> | cal Dem |
| | <u> </u> | <u> </u> | SAM | | | | I | | | | REVIEWED BT | | |
| DEPTH | | [· | | BI | | 1 | <u> </u> | CONSIST | DESCI | | | | |
| FEET | TIME | NO. | TYPE | PE | R 6" | POD% | | | | | MATERIAL | | |
| | | | И | | | KOD/I | COLOR | NARDINE | | | DESCRIPTION | · · · · · · · · · · · · · · · · · · · | REMARKS |
| | | | 4 | 2:0 | ter + | | TOWN | Medi | un | <u>\~ \$</u> | " Concre | re! | PID=0 |
| · · · · · · · · · · · · · · · · · · · | 0420 | 5-1 | 14 | | F | 1751 | يسيئها | | 10 | (~ ५ ' | " weather a | l cone | ·) Pour |
| ····· | 1 | | 0 | ┝──┦ | 45 M. | · • <i>•</i> | 7 ar | yer yer | | F-11 | send, s | one | 11+ |
| 5 | | | M | | | | h | | | ╞╧┲╴ | m snic | <u>l, tc.</u> | 434. |
| | | | a | hir | wr. | | (ronn.s | h | : | 1-m | sana, | Jour . | C P10=0 |
| | 0925 | 5-2 | U | V. | | 1757 | 10,000 | Deus | C | 4 3 | avel, f | - 51 | reb pra |
| | | | ۲ (| ┝─╃┙ | <u>4~~</u> | 1 1 1 | | v - | | │┿┯ ╴╵ | 511+ + - | e sm | vel, |
| | | | | _ | | | | | | L | | | |
| 10 | | | | | | | | | | EA | 3 Q F | e 1 | |
| | | | | | | | | | | | | | |
| | ľ | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | c c | | | | | | | | | | 1 m - 1 | | |
| 15 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | · · · · · | | | | | | `` | | |
| | | | | | | | | | | | | i | |
| | | | | | | | | | | | | | |
| 20 | | | ľ | | | | | | | | | | |
| | | | ł | | | | | | | | | | |
| | | | h | · | | | | | | | | | |
| | | | ł | | | | | | | | | | |
| | | | ŀ | | | | | | | | | | |
| 25 | | | f | | | | | | | | | | |
| | | | . | | | | | | | | | | |
| | | | F | | | | 1 | | | | | | |
| • | Í | | F | | | | | | | | | | |
| | | | ŀ | | | | ľ | | | | | | |
| 30 | | | ŀ | | { | 1 | | | | | | | |
| | | | ŀ | | | • | | | | | | | |
| | | | ŀ | | | | | | | | | | |
| | 'S: / | | | | . | | <u> </u> | | | Ţ. | | | |
| Fez1 | ··) (| 58 1 m - | a l | Ľ", | (- † - (| "4 u | erne of | 15+141 | 255 | | PROJECT NO. (| 11732 | |
| | 041 | | 344 | 1 1 | • * ? |) in | plant | - anch | or e 0 | ~ | | 56 | |
| nt | N | 5 | .5 | 1 | 01 | 5.6 | 2090 | ve 661 | 0 0 | ~ ' | <u> </u> | | |
| | • . (| • | | | - J. | | - • - | | • | | | | |
| Ur. | | 5.9 | • | | | | | | | | | | |

f st,

run der st 📼

. E arte t

| PROJEC | T: / | 54 1 | Iven | ve t | 907 | h 5+ | £ | | | SHEET: | - v | <u>1 of 1</u> |
|----------|--------------|--------------|------------|------------|----------------------|-------------|-----------|---------|---------|---------------------|-------------|---------------|
| CLIENT: | <u>N></u> | <u> / de</u> | <u>.</u> C | | | | | | | JOB NO.: 1117 | 326 | . 0000 |
| BORING | CONTR/ | ACTOR | <u> </u> | cbra | e | | | | | BORING LOCAT | FION: 4 | ISTE. |
| GROUND | WATER | | | | | CAS. | SAMPLER | CORE | TUBE | GROUND ELEV | ATION: | |
| DATE | TIME | LE | VEL | _ TYPE | E TYPE | 1 | Macrocon | e | | DATE STARTED | ~ 1 | - 3 - 01 |
| | | | | | DIA. | | 1.5 " | | | DATE FINISHED |): 11 | - 3-0' |
| | | | | | WT. | | P.P. | | | DRILLER: | C | ierlie |
| <u> </u> | | | | | FALL | | 41 | | | GEOLOGIST: | N | ed Ber |
| L | | | | | * P | OCKET PE | NETROMETE | R READI | NG | REVIEWED BY: | | |
| | | | SAM | PLE | | | | DESCR | RIPTION | | | |
| DEPTH | | | | BLOW | 'S | | CONSIST | ENCY | | MATERIAL | | 1 |
| FEET | TIME | NO. | TYPE | PER 6 | " ROD% | COLOR | HARDNE | ESS | | DESCRIPTION | | REMARK |
| | | | M | | | | | | · ۳ / | 3" Concred | te. / | 7ID=0 |
| | LANCS | (-1 | | nin | | 1- COWW | Medi | um | 5:14 | Come Fry | hall be and | |
| | | 1.1 | | | | | | | Sen d | . tr. cise | ~ 1 + | Miss |
| | | | ° l | 19 | | 1 | 1 Ven | ve | f | ATTEL 1 | Ê Î - | |
| 5 | | | × | | T | T (| | , | f | coult + | 6.:14 | |
| | 1100 | 5-2 | ίλ, | Dide | 11.00 | $ \rangle$ | (| | Sau | E and | - L . | 1710= |
| | | | ۲ (| | A (⁰) 4 | 1) | | | 4. | | U) | Mirs |
| | | | 0 | YYY | | 1 7 | 1 | | | | · · · | |
| | | | | | | | | | (| | | |
| 10 | | | | | | | | | | | | |
| | | | | <u> </u> | | | | | Ĩ | EDBO | 91 | |
| ······ | | | | | | | | | | | | |
| | | | | <u>_</u> | | | | | | • | | - |
| | | | | | | | | | | | | |
| - 10 | ľ | | | | _ | | | | | | | |
| | | | | | | | | | | 5 | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 20 | | | ł | | | | | | | | | |
| | 1 | | ŀ | | | | | | | | | |
| | | | ł | | | | | | | | | |
| | | | ŀ | | | | | | | | | |
| | | | ŀ | | | | | | | | | |
| 25 | · | | ŀ | | | | | | | | | |
| | | | F | | , | 1 | | | | | | |
| | | | - | | \neg | | | | | | | |
| | ľ | | ŀ | · · · - | | | | | | | | |
| | 1 | | ł | | | | | | | | | |
| 30 | | 1 | F | | -1 | | | | | | | |
| | | | ŀ | | | | | | | | | |
| | | | ŀ | | | | | | | | | |
| | | | | | | | | | | | | I |

* Nº 6" wenthered concrete.














































| DRIL | LING SUMMARY | | | | | | |
|-------------|-----------------|-----|--|----------|---------|-----------------|--------------------------|
| Geologis | t: Ned Berry | | | ~ | Fit | ish Mount | |
| Drilling C | Company; | | | | Pro | otective Casing | and Lockable Cap |
| | Zebra | | | | <u></u> | | |
| Driller: | | | Elevation | | | | |
| Die Males | Marles 6. | | | | | | <u>21/4</u> inch dia. |
| Coop | rote 6610 DT | | | | | | feet length |
| Date: | - 3 - 03 | | · · · · · · · · · · · · · · · · · · · | | | 7 | |
| | | | | | | | Deliveral Later |
| GE | | D | | | | F | VC CASING |
| Depth(ft.) | Description | E | | | | · . | inch dia. feet length |
| 1/4 | Concrete | Ρ | | | | | · · |
| 314 | weathered | Ţ | | | | | |
| | Concrete | н | | | | | м |
| | 6:14 | - | | | | | T. almant |
| T | f-in church | | | | | P | VC SCREEN |
| | to clay + | | | | | • | inch dia, |
| [| F gravel. | | . · · | | | | leet length |
| 8 | from Country | | | | | | |
| 0 | silt some | | ······································ | | | | |
| | f gravel, | | | | | | |
| | tr roots . | | | | | | |
| | | | | | | | |
| | | | | | | | |
| WE | ELL DESIGN | | | | | | |
| | CASING MATERIAL | | SCREEN MATE | RIAL | | FILTER | |
| Surface: | Steel grade box | | | | Туре: | #2 Sand | Setting: |
| oundoe. | | | Туре: 4-1 vo- | | SEAL | MATERIAL | 9 to 1/12 |
| Monitor: | 1"-PVC (14" 1.1 | • • | Slot Sizo 020" | ss sterl | L | | |
| 31 | | | | | Type: | Bentonite | Setting: |
| | 5. S. | | | | ļ | | 11/2 +01 |
| UUIIIIIEIU) | 0. | | | | | | LEGEND |
| | | | | | | | Cement/Bentonite Grout |
| | | | | | | | Bentonite Seal |
| | | | | | | | Silica Sandpack |
| Client: | NYDEC | | Location: 435E. | goth st. | Projec | t No.: 11 | 173261,00001 |
| L | JRS Corporation | | MONITORING | WELL | Well N | umber: | 5/- 211 |
| | | | CONSTRUCTION E | DETAILS | | | J U - A4 |

| DAILY DR | ILLING RECO | ORD | | URS Corporation |
|---------------|------------------|---------------------------------------|--------------|--|
| PROJECT TITLE | 1 St Aver | nue + 90 th St. | DATE: | 10-27-03 |
| | NYDE | <u>c</u> | CONTRACTO | DR: Zcbra |
| FROM | то | PRODUCTIVE HOURS | | ACTIVITIES/COMMENTS |
| 0800 | 1200 | 4.0 | Drilla | er arrives (Charles G.) |
| | | | Wai+ir | ig for markouts, Work |
| <u> </u> | | | is co | ucclied for the day - |
| | <u> </u> | | drine | it says that the mark- |
| | | | 27.00 | will not be consisted |
| | | | <u>until</u> | later in the day. |
| | | | Drin | to leaves. |
| | | | | |
| TOTAL PROD | UCTIVE HOURS | 4.0 | | LEVEL B / LEVEL C / LEVEL (CIRCLE ONE SELCTION) |
| ABOR: | ÷ | | MATERIALS / | SUPPLIES: |
| UNITS | | | UNITS | L |
| 4 | Standby | time (hrr) | 1 | Geograbe 6610 DT |
| | | · | 1 | Van + Trailer |
| | | | <u> </u> | |
| | | | | |
| | | | | |
| | <u> </u> | | | |
| | | · · · · · · · · · · · · · · · · · · · | <u> </u> | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| WEATHER: | | | | |
| | Ned B | uny | | |
| | URS ONSITE COORD | | | CONTRACTOR REPRESENTATIVE |

ZEBRA DAILY PROJECT REPORT

| | | | | | Project | Day & Dat | e <u> </u> | 27/03 |
|---|-------------|-------|----------|---------------|---------|------------|------------|--------------|
| ZEBRA Office LUNBACCK | _ Crew Base | · | Z# | | ZEB | RA Unit #/ | Гуре7 | # <u></u> 20 |
| LIENT/OFFICE_URS | · | | | | Client | Project # | | |
| PROJECT NAME | | | | | | - | | |
| PROJECT LOCATION CORN | en of 90 | 4+1 | () AU | γ <u>Λ</u>): | VC. | | | |
| Client PM: | | | Clie | nt Site Co | ntact: | | | |
| EBRA PERSONNEL ON SITE: Name/Company | | Start | Arrive | Leave | Finleh | Total Site | <u></u> | Client Init |
| Luke Russ | | 6:00 | 8:00 | 12:00 | | Time | | Chent Init, |
| HARLES Green | | 6:00 | 8:00 | 19:00 | | | | |
| Other Personnel On Site: | | | | | | | | |
| ` | | | | | | | | |
| | | | | | | | | |
| escription of Work (detailed): | | L | <u> </u> | L | i. | | | <u> </u> |

| STANDE | Time d Co | (8:0 | 10 AM - 17 | Dicc P | <u>M)</u> | | SHOWPJ | <i>ν</i> Ω. |
|---------------------|-------------------|------------|------------|--------|--------------------|---|------------------|---------------------------------------|
| | o ton | mytt | (1/00-1-5) | | | , , , , , , , , , , , , , , , , , , , | d | ~p · |
| APP. DGW: | | | | | | | | |
| M | ATERIALS | | QTY. USED | UNIT | | EQUIP | MENT | |
| MC Liners | | | | Liners | Drill Steel | | | |
| B Liners | | | | Liners | Core Drill | | - | |
| Exper | ndable Points | | | Points | Generator | | | · · · · · · · · · · · · · · · · · · · |
| " x 5' F | PVC Screen | | | PC's | GS 1000/200 | 0 Grout Pump | | |
| " x 5' F | PVC Riser | | | PC's | Steam Genny | / | | |
| PVC p | points | | | Points | Rupe Pump | | | |
| Flush | Mount Well Box | | | Boxes | Water Level I | ndicator | | |
| | | | | | P.I.D. | | | |
| | | | | | Trailer (Deco | n/Utility) | | 1 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | 1 | <u> </u> | | |
| | | | | | | | | |
| robe Tools | Damaged / L | ost: | | | | | | ······ |
| Number of Points | Number of Samples | Soil MC | Soil LB | GW | Wells Installed | Soil Gas | Sparge Points | Misc. |
| | | | | | i | | | |

| Field Ver | ification: | | | ą | |
|-----------|------------|---|-----------------|---------|-------|
| ZEBRA: | Like | n | CLIENT: (Print) | Edward | Stan |
| | | | (Sign) | × 1/123 | Thigh |

| PROJECT TI | TLE: <u>1st Aven</u> | $ue + 90^{tu} st.$ | | |
|------------|---------------------------------|---------------------------------------|-------------|------------------------------|
| CLIENT: | | | DATE: | 10-28-03 |
| | <u>N7050</u> | <u>.</u> | CONTRACTO | DR: Zeleva |
| | | | | |
| FROM | 10 | PRODUCTIVE HOURS | | ACTIVITIES/COMMENTS |
| 0830 | 1000 | 1.5 | Drine | T arrives (Scan T.). |
| | | | Waiti | ng for markouts. |
| 1000 | 1545 | 5.75 | Set | Vapor wells SU-1, SU-2 |
| ······ | | | 563 | and sv-4. |
| | | | Drin | er leaves. |
| <u></u> . | | | | |
| | | | ······ | |
| | | <u> </u> | -· | |
| TOTAL PRO | DDUCTIVE HOURS | 7.25 | | LEVEL B / LEVEL C / LEVEL |
| BOR: | | | MATERIALS / | SUPPLIES: |
| UNITS | | · · · · · · · · · · · · · · · · · · · | UNITS | |
| <u> </u> | VUDUT Well | 56-01 (9'bas) | 1 | Geographie 6610 DT |
|) | VAPOT Well | 50-02 (9'6ys) | 1 | Van + Trailer |
| 1 | Vagor Well | 5G-03 (8'bas) | 6 | 4' Macrocore Sampler |
| 1 | Vaour Wall | SG-04 (7'bas) | 4 | Expendable Point |
| | · | | 4 | 6" Stain Izrs Steel Implant |
| | | | 34 ' | Polyethylan Tubing (318×114) |
| | | | 3 | Sand (Bag) |
| | | | 1/2 | Bentonite (Bug) |
| | | | 1 | Cement (Bag) |
| | | | <u>'</u> | d" Flushmoont Well Box |
| | | | | |
| | | | | |
| | | | | |
| WEATHER: | | | | |
| | Neck Ber | | | |

DAILY PROJECT REPORT

والمحمولة المراجع والمراجع والمحاري والمحار والمحاج وال

WINTER CANNER CANNER

| | | • , | | | | | Project | Day & Dat | te | |
|--------------|---------------------------------------|-------------|-----------------|----------|--------------------|------------------|-------------|---------------------------------------|---|---------------------------------------|
| ZEBRA Off | icə | | _ Crew Bas | ie | Z# | | ZEB | RA Unit #/ | Type | \$20 |
| CLIENT / O | | 25 | | | | | Oliont | Ducto et # | · · · <u>· · · · · · · · · · · · · · · · </u> | _ 10 |
| PROJECT I | NAME ST | Ave t | F 90% | 3+ | | | | Project #_ | | |
| PROJECT I | | Jew | YUK, MY | / | | <u> </u> | <u> </u> | | · | ····· |
| Client PM: | Chucte | Duse | 21 | | Clie | nt Site Co | ntact: | Ab | <u> </u> | en |
| ZEBRA PE | RSONNEL O | N SITE: | | | | | | *Unit | | / |
| Name/Compa | any | | | Star | t Arrive | Leave | Finish | Total Site | от | Client Init. |
| Shin | ~ (155 | < HS | | 0:2 | 16 8:30 | 3:45 | | | | |
| | as lei | 55 | | 6:0 | 0 8:30 | 3:45 | | | | |
| | | | | _ | | | | | | |
| Other Person | nel On Site: | | | | | | | | | |
| | | | Mine | | | | | | | |
| pare | Halling F | 2 | MUEC | | | | | | | |
| | | | | | | | | | | |
| | of Work (de | tailed): | | | - | | | | | |
| <u> </u> | | talla | | | | 1 | fr | | 1 | |
| ······ | | TUTIC | <u>C) ></u> | <u> </u> | - IM | plan | <u>75</u> 7 | 0 9 | 136- | |
| | 0.1/ | | 1 01 | Criste | -fra | 0 | - 81 | | | |
| | <u>E-0/te</u> | <u>er c</u> | Sort | signe. | 5 110 | <u> </u> | | | <u> </u> | |
| | 1/14 | ited | for | Lilia | hakou | 15 0 | Le | Conter | e-1- | 10:30 Am |
| APP. DGW | · | | | <u> </u> | | | | | | · |
| I | MATERIALS | | QTY. USED | UNIT | | | EQUIPMEN | IT | | |
| MC Liners | | <u>-</u> | | Liners | Drill Ste | el | | | | |
| LB Liners | andable Beinte | | | Liners | Core Dr | | | | | |
| " x 5' | PVC Screen | · | | Points | Generat | or Vocas Orea | | | | |
| × 5' | PVC Riser | | | PC's | GS 1000 Steam 0 | 2000 Grou | t Pump | | | <u> </u> |
| PVC | points | | | Points | Rupe PL | imp | | | | |
| Flus | h Mount Well Bo | x | | Boxes | Water Lo | evel Indicate | or | _ | | |
| | | | | | P.I.D. | | | | - <u></u> | |
| | | | | | Trailer (I | Decon/Utili | y) | · · · · · · · · · · · · · · · · · · · | | |
| ····· | · · · · · · · · · · · · · · · · · · · | | | | | | | | <u> </u> | L |
| | | | | | | · · · · · | | | <u></u> | · · · · · · · · · · · · · · · · · · · |
| | | | | | | | | | | |
| | | | | | | | | | • <u> </u> | |
| Probe Tools | Damaged / L | ost: | | | | | 4 | | | |
| Number | Number of | Soil | Soll LB | GW | Wells | s | oil | Sparge | Misc | |
| of Points | Samples | MC | | | Installed | G | as | Points | | |
| 4 | $\left \right _{O}$ | 6 | | | | | | | 4 | |
| / | | 1 | | | L | | | | | |
| leid Verific | ation: | | 11. | | | | | | | |
| | -1_ | | 111 | | | - | Dur | - | | |
| EBHA: | | 0 | | C | LIENT: (Pr | int) <u></u> | <u>UKSO</u> | LJK. | _ | |

ZEBRA

CLIENT: (Print)

(Sign)

| DAILY DI | RILLING RECO | DRD | | URS Corporation |
|---------------------------------------|------------------|---------------------------------------|-------------|--|
| PROJECT TIT | E: 1 St Ave | me+ 90th st. | DATE: | 10-29-03 |
| | NYDE | C | CONTRACTO | R: Zebra |
| | | | | |
| FROM | то | PRODUCTIVE HOURS | | ACTIVITIES/COMMENTS |
| 0800 | 0845 | 0.75 | Driller | - arrives (Joe s.) and |
| · · · · · · · · · · · · · · · · · · · | | | finds | parking. |
| 0845 | 1300 | 4.25 | Set v | Apor weils 56-5,56-6, |
| | | | 56-7 | and St-8. |
| 1300 | 1530 | 0.5 | Lune | h. |
| 1330 | 1545 | 2,25 | <u>set</u> | Jupor wells 50-9 and |
| | | | <u> </u> | D. Driller Icaves. |
| | | · | | |
| TOTAL PRO | DUCTIVE HOURS | 7.75 | | LEVEL B / LEVEL C / LEVEL D (CIRCLE ONE SELCTION) |
| LABOR: | | | MATERIALS / | SUPPLIES' |
| UNITS | | ÷ | UNITS | |
| 1 | Vapor Well S | 6-05 (816gs) | ١ | Geograbe 6610 DT |
| | Vapor Well | 56-06 (916gs) | 1 | Van + Trailer |
| 1 | Vapor Well | 50-07 (9'6gs) | 12 | 4' Macrocare Sampler |
| <u> </u> | VAPOR Well | 56-08 (916gs) | 6 | Expendable Point |
| | Vapor Wei | 1 SG-09 (916gs) | 6 | 6" Stainiers Steel Implant |
| <u> </u> | Vapor Val | 1 SG-10 (8'6gs) | 551 | Polyethylenc Tubing (3/4×14) |
| | | | 6 | Sand (Bag) |
| | | ····· | 3/4 | Bentonite (Beg) |
| | | | 11/2 | Cement (Big) |
| | | · · · · · · · · · · · · · · · · · · · | ¢. | 2" Flushmount Well Box |
| | | | | |
| | <u> </u> | <u></u> | | |
| | | | | |
| WEATHER: | Rain, si | ght / moderate | and Va | rizbuc wind |
| | Ned B | erry | ······ | |
| | URS ONSITE COORD | NATOR | | CONTRACTOR REPRESENTATIVE |

| EBRA Office <u>Lynbrodk</u> ELIENT / OFFICE <u>URS</u> ROJECT NAME <u>UKS</u> ROJECT LOCATION <u>IE</u> EBRA PERSONNEL ON SITE: Name/Company DSED & SQKQUIS Charles Baratti Dther Personnel On Site: | Crew Base | Start 6:06 | Z# Cilen | t Site Cor | ZEBF | RA Unit #/ Project # Camma | Type_ <u></u> <i>I R</i> , <i>₿</i> € | 20 |
|---|---------------------------------------|---|------------------|----------------|------------------|---------------------------------------|--|---------------------------------------|
| ELIENT / OFFICE UR S BURNEL OFFICE UK S ROJECT NAME UK S ROJECT LOCATION IE EBRA PERSONNEL ON SITE Name/Company DSEP & Sakelly Company DSEP & Sakelly Company | HAIO 1 NYC. He + E9 | $0 \leq t$ Start 6:06 4:00 | Cilen | t Site Cor | Client F | Project # Camuna | R, 6e | |
| ROJECT NAME | 1 NYC He + E9 | Start 6:06 | Cilen | t Site Cor | ntact: | Edmind | R, Be | |
| ROJECT LOCATION / # lient PM: EBRA PERSONNEL ON SITE: Name/Company DSEP & SQUELUS DSEP & SQUELUS DATA BORGHA | | Start 6:06 | _ Cilen | t Site Cor | ntact: | Edmind | R, Be | M |
| EBRA PERSONNEL ON SITE: Name/Company Deep & Sakelly Data Baratti Dater Personnel On Site: | | Start 6:06 | Arrive | Leave | ntact: | amma | IL, 60 | |
| EBRA PERSONNEL ON SITE Name/Company Deep & Sakelly Death Sakelly Charles Burg H. | · · · · · · · · · · · · · · · · · · · | Start 6:06 | Arrive | Leave | | | | |
| Name/Company DSEPL SQUELLS QUIS BURGH,' Other Personnel On Site: | | Start 6:06 | | Leave | | | | |
| bseph SakellyS hris Buratti Dther Personnel On Site: | | 6:00 | 11.00 | | Finish | Total Site Time | ОТ | Cilent Init. |
| Chris Sura H.: Other Personnel On Site: | | 620 | 8.00 | 3:45 | | | | |
| Other Personnel On Site: | | 0.00 | 8:00 | 3:45 | | | | |
| other Personnel On Site: | | _ | | | | | | |
| | · _ · · · · · · · | | | | | | | |
| | | | | | | | | <u> </u> |
| | | | | | | | | · · · · · · · · · · · · · · · · · · · |
| | T de a | | | | 111.1 | | | |
| escription of work (detailed): | 6713-5 | 11 Samp | es an | 1 - 2011 | Vapor | Extraction | n well | 2 |
| #1. Collect Continuous go | 1 Samples - | 0 8 63 | -Inst | 9// 1-5 | all Vapol | extra | tion we | 11 to 8 6 |
| | <u> </u> | <u>·· · · · · · · · · · · · · · · · · · ·</u> | <u>- /1</u> | <u></u> | NE | <u> </u> | 1 | to 9'by |
| | <u></u> | | <u>~ 1</u> | <u>_</u> | <u>) _}</u> | | | 10 6,65 |
| F#5 11 11 11 | | <u>, , , , ,</u> | <u></u> | <u>1</u> | <u>- 14 - 14</u> | | | 1.9/10 |
| +#6 11 11 11 | | 1 11 - | <u> </u> | <u></u> | | 1 11 | 11 1 | Ble. |
| APP. DGW: | | | | N ¹ | | ······ | | <u></u> |
| MATERIALS | QTY. USED | UNIT | | | EQUIPMEN | Т | | |
| MC Liners | 12 | Liners | Drill Ste | | | | | <u> </u> |
| LB Liners | | Liners | Core Dr | | | | | · |
| Expendable Points | 6 | Points | Generat | or | | | | |
| " x 5' PVC Screen | | PC's | GS 1000 | /2000 Grou | t Pump | | <u>_</u> | |
| PVC points | + | Pointe | Bune Pi | | 1 2 | | | <u></u> |
| Flush Mount Well Box | 6 | Boxes | Water L | evel Indicato | or [:] | · · · · · · · · · · · · · · · · · · · | | |
| | | | P.I.D. | | | | | + |
| Sand | | | Trailer (| Decon/Utilit | y) | | | |
| Bentonita | | | | | | | | |
| Cemert | | | | | | | | |
| tain a successful statement and an and a successful statement of statements and a successful statements and a successful statements and a successful statement of statements and a successful statements | ļ | | | | | | | · · · |
| | <u> </u> | | | | <u> </u> | | | |
| ···· | | | | | | · | | |
| | | | | | | | | |
| robe Tools Damaged / Lost: | | 1 I | | | 4 | - | · · · · | |
| Trobe Tools Damaged / Lost: Number Number of Soli | Soil LB | GW | Wells | | oil | Sparge | Misc | |

and the second second

| ZEBRA: | Λ | rent: | Like | <u>Ih</u> |
|--------|-----------|-------|------|-----------|
| | | 7 | | • |

 $(d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) = (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) + (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) = (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) + (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) = (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) + (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) = (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) + (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) = (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) + (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) = (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) + (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) = (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) + (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) = (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) + (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) = (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) + (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) = (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) + (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) = (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) + (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) = (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) + (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) = (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) = (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) + (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) = (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) + (d_{i}, \frac{\partial (d_{i}, d_{i})}{\partial i}) = (d_{i}, \frac{\partial (d_{i}, d_{i})}{$

:

CLIENT: (Print) Edward BL(VV (Sign) MWVMM

| DAILY D | RILLING RECO | DRD | | URS Corporation |
|-----------|--|--|----------------|------------------------------|
| | E: 1 St Aven | ue + 90th St. | DATE: | 10-30-03 |
| | NYDEC | 2 | CONTRACTO | DR: Zebra |
| FROM | то | PRODUCTIVE HOURS | | ACTIVITIES/COMMENTS |
| 0730 | 0745 | 0.25 | Drine | r arrives (Joe S.) and |
| 0745 | 1230 | 4.75 | parks Set v | |
| | | | 56-15 | · |
| 1230 | 1300 | 0.5 | Lune | h. |
| 1300 | 1500 | 2.0 | set | vapor wells st-16 and |
| | | · · · · · · · · · · · · · · · · · · · | 56-1 | 7. Driller leures. |
| | | 2000 - 100 - | | |
| TOTAL PRO | DUCTIVE HOURS | 7.5 | | |
| LABOR: | ······································ | | MATERIALS / | SUPPLIES |
| UNITS | | | UNITS | |
| 1 | Vapor well | 56-11 (91 legs | | Groprobe 6610 DT |
| 1 | ts (t | 56-12 (8'bas) | 1 | Van + Trailer |
| | <u>e</u> | 50-13 (9'bas | 20 | 4' Maerocore Sampler |
| 2* | <u>et (t</u> | 56-14 (916as | 17 | Expendable Point |
| 3** | <u></u> | 56-15 (9'69 | 5 7 | 6" Stainless Steel Implant |
| | FC IT | 56-16 (9'bys | 651/2 | Polycthy lone Tubing (318×12 |
| | FA EA | 56-17 (9'bas | 10 | Sund (Bag) |
| | | | 11/4 | Jentonite (Bug) |
| | * RUA 1 + | ro 5' legs. | 21/2 | Comment (Brg) |
| | ## RUN 1 to | 61 logs + | 7 | 2" Flushmant Well Box |
| | Run 2 to | 5 41 bg [. | <u> </u> | |
| | | - | | |
| | | | <u> </u> | |
| WEATHER: | Cizar, si | ight I Moderate | e varia | ble Wind, Temps To |
| | Nect Be URS ONSITE COORD | DINATOR | | CONTRACTOR REPRESENTATIVE |

| ZEBRA Offi | 1 1 | | | | | | Project I | Day & Da | te_ <u>///</u> | 130/05 |
|--|---|--|--|--|---|---|--|---|---|--|
| | ce Lynhron | <u>sk</u> | _ Crew Bas | <u>JS/E/</u> | <u>Ч_</u> z#_ | | ZEBF | RA Unit #/ | /Туре | #20 66DT |
| LIENT / OF | FFICE <u>UR</u> | <u>.s.</u> | | | | | Client F | Project # | | |
| ROJECT N | IAME_UR | <u>\$ </u> 4 | <u>YC</u> | | | | | | | |
| | .OCATION | <u>/ e</u> | 7 Ave + | - E90 | 5 | | | | | |
| lient PM: _ | | | | | Clier | it Site Co | ntact: | | | |
| EBRA PE | RSONNEL OI | N SITE: | | | | | | | | |
| Name/Compa | jny j | · | | Start | Arrive | Leave | Finish | Total Site | οτ | Client Init |
| 1. Osen | h Sakelli | 15 | | 6:00 | 7:30 | 3:00 | | 25 | | |
| Eval | Margitis | | | 6:a | > 7-20 | 3:00 | | 25 | <u> </u> | |
| | | | | | | | | <u> </u> | <u> </u> | <u>+</u> |
| Other Person | nel On Site: | | _ | | | | | | | |
| | | | | | | | | | | |
| | | · | | | | | | | | |
| | | | | | | | | | | |
| escription | of Work (de Continueus Continueus 7 -> Continu Well (2) | tailed): soils soils each | 7 pts - Co 6 8' 6a 6 8' 6a 6 8' 6a 5 8' 6a 5 6a 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 | ntinvou -Insta - | s Soils lled 1 lled 1 - Ing Ing | to 8'ar soil vgp coil vg allean deft | nd Ines or extraction per extra 1_coil 0-1_9 | fell SU fon we valer w valer ba | IE We II to ell to extra | 115 Q) exch 9163 2103 Chron |
| escription 01# / 01# 2 01# 2 01# 3 01 01 01 01 01 01 01 01 01 01 | of Work (de Continueus Continueus Z -> Continu Well (2) | tailed): soils soils soils sous each | 7 pts - Co 6 8' 6a fo 8' 6a fo 8' 6a safs fo location | ntinvou: -Insta | s Soils lled 1 lled 1 - Ingd 2 Angl | to 8'ar soil vgp coil vg alled depth | nd Inesi or extrap per extra 2 Coll 0-1 9 | fell SU fon we valer w valer ba | 1 E We 11 70 ell 70 extra | 115 Q) exch 9163 2103 Chron |
| escription 01# / 1 01# 2 01# 2 01# 3 APP. DGW | of Work (de Continueus Continueus Z→Continu Well @ HATERIALS | tailed): soils soils vaus each | 7pts - Co 6 8' 6 - fo 8' 6 - fo 8' 6 - fo 8' 6 - fo 9' 6 | UNIT | s Soils Hed 1 Had 1 Trad | to 8'ai soil vyp egil yyp alled depth | nd Ine; or extince per extra 2 call 0-1 7 EQUIPMEN | fell SU fon we uction W Vapor bas | IE We II to ell to extre | 115 @, eech 91 63 21 03 Chron |
| APP. DGW | of Work (de Continueus Continueus 7 → Continu Well @ HATERIALS | tailed): soils soils soils sous each | 7 pts - Co 6 8' 6a fo 8' 6a sals to location aty. USED 14 | UNIT | s Soils Iled 1 Iled 1 - Ingd 2 Ang | to 8'ai soil vap coil vap alled depth | nd Ins; or extracting per extra 2 Coll 0-1 9 EQUIPMEN | fell SU fon we valer W valer bas | IE We II to ell to extra | Ils Q) exch 9163 Green |
| APP. DGW MC Liners B Liners Z Expe | of Work (de Continueus Continueus $7 \rightarrow Continueus$ $We \parallel @$: MATERIALS Indable Points | tailed): soils soils wass egen | 7 pts - Co 6 8' ba fo 8' ba sals to lacation aty. USED 14 7 | UNIT Liners Points | S Solls Iled 1 Ined 1 Ined 1 Ined 1 Drill Ste Core Drill Generat | to 8'ai soil vige coil vige alled dept h | er extractions per extra 2 sail 2 sail 2 sai | fell SU fon we letter W Valor Has | 1 E We 11 to ell to extre | Ils Q) eech 91 13 21 03 Chron |
| APP. DGW MC Liners Z Expe | i of Work (de Continueus Continueus Z -> Continueus We II @ ATERIALS Indable Points & PVC Screen | tailed): soils soils was each | 7 pts - Co 6 8' 6a 50 8' 64 50 8' 64 50 8' 64 50 7 10 Cation 14 7 | UNIT Liners Points PC's | S Sof S Iled 1 Iled 1 Tried Tried Drill Ste Core Dri Generat GS 1000 | to 8 ai soil 199 ellean death death allean il il yr | nd Insi or extract por extra 2 coil 0- 9 EQUIPMEN | fell SU fon we iction W Valar 'bg | 1 E We 11 to ell to extre | Ils @, eech 9163 2'05 Chron |
| APP. DGW MC Liners LB Liners 7 Expe " x 5' | of Work (de Confinueus Confinueus Z→Confinueus Z→Confinueus WATERIALS PVC Screen PVC Riser | talled): soils soils usus egen svie | 7 pts - Co | UNIT Liners Points PC's | S Sof S Iled 1 Iled 1 T n st T n st Core Drill Ste GS 1000 Steam G | 10 8 ai 50/ 149 40/ 49 40/ 40 10/ | nd Ins; or extract per extra 1_ call o-1 9 EQUIPMEN t Pump | fell SU for we iden w Ugpat | IE We II to ell to extra | Ils Q) eech 91 bs 21 bs Chrown |
| APP. DGW MC Liners Z Expe " x 5' PVC | i of Work (de Continueus Continueus Continueus Z -> Continu Well MATERIALS ATERIALS PVC Screen PVC Riser points | tailed): soils soils wass egen sve | 7 pts - Co 6 8' 6a fo 8' 6a sals fo lacation 14 7 | UNIT Liners Points Points Points | S Sof S Iled 1 In ef T n ef | 10 8 ai <u>Soil V9</u> <u>eail 29</u> <u>eail 29</u> <u>al 20</u> <u>al 20</u> <u>al 20</u> <u>al 20</u> <u>al 2000 Grou</u> <u>enny</u> mp | nd Ins; or extract per extra 2 sail 0-1 7 EQUIPMEN t Pump | fell SU fon we letter W Valor bas | 1 E We 11 to ell to extre | 115 @, epch 91 63 21 03 Chron |
| APP. DGW MC Liners LB Liners Z Expe " x 5' PVC 7 Flust | A of Work (de Continueus Continueus 7 -> Continu Well (a) *: *: *: *: *: *: *: *: *: *: | tailed): soils soils uaus egen sve | 7 pts - Co 8 6 - 4 50 8 6 50 5 7 10 Cation 14 7 7 | UNIT Liners Points Points Boxes | S Sof S Iled 1 Iled 1 Trng Trng Trng Core Dri Generat GS 1000 Steam G Rupe Pu Water Lu | 10 8 a1 50// 1/9 1/9 40// 1/9 1/9 a 1/9 | nd Ins; or extraps per extra 1_cail o-1 9 EQUIPMEN t Pump x | fell SU for we ielten W Ugpat | IE We II to ell to extra | Ils Q) eech 9163 8103 Chrown |
| APP. DGW MC Liners LB Liners Z Expe "x 5" "x 5" PVC Z Flush | i of Work (de Continueus Continueus 7 -> Continue Well (a) ************************************ | talled): soils soils soils egen sve | 7 pts - Co 6 8' ba 50 g' ba sals to lacation 14 7 | UNIT Liners Points Points Boxes | S Sof S I ed 1 I ed 1 I n ed T n e | 10 8 a) 50/1 1/9 40/1 1/9 all, add 1/9 addition 1/9 | t Pump | fell SU fon we iction W Valat Valat T | 1 E We 11 to ell to extre | 115 @, eech 91 63 81 03 Chrown |
| APP. DGW MC Liners LB Liners Z Expe "x 5' PVC Z Flush | of Work (de Continueus Continueus 7 -> Continueus WATERIALS MATERIALS PVC Screen PVC Riser points 1 Mount Well Bo: 2011 | tailed): soils soils uaus egen svie | 7 pts - Co 8 6 - 1 50 8 6 50 5 5 10 Cation 14 7 7 7 | UNIT Liners Points Points Boxes | S Sol S Iled 1 Iled 1 Trailer (I | 10 8 a1 50// 1/9 1/9 40// 2000 1/9 10 1/2 11 1/2 12 1/2 13 1/2 14 1/2 15 1/2 16 1/2 17 1/2 18 1/2 19 1/2 19 1/2 10 1/2 11 1/2 11 1/2 11 1/2 11 1/2 11 1/2 12 1/2 13 1/2 14 1/2 | nd Ins; cr extraps per extrap 1 coil 0-1 9 EQUIPMEN t Pump xr y) | fell SU fon we iction W Valar 'bg | IE We II to ell to extre | Ils @, eech 91/1-3 21/0-5 Chrown |
| Pescription p + # / = 1 p + # / = 2 p + # / = 2 MC Liners LB Liners Z Expe " x 5' " x 5' " x 5' PVC Z Flush Ben / + 2 Ben / + 2 | A of Work (de Continueus Continueus Z -> Continu WATERIALS MATERIALS PVC Screen PVC Riser points h Mount Well Box Continueus PVC Riser PVC Riser PVC Riser PUC Riser | talled): <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>s</u> | 7 pts - Co | UNIT Liners Points Points Boxes | S Sof S Iled 1 Iled 1 Ined 1 Track Core Drill Generat GS 1000 Steam G Rupe Pu Water La P.I.D. Traller (I | 10 8 a1 50// 1/9 4 4 4// 4 4 4 all, add 4 4 addit 4 4 bit 4 4 addit | t Pump | fell SU for we letter W Valor 1 ba | 1 E we 11 to ell to extre | 115 @) eech 91 hs 81 og Chrown |
| APP. DGW MC Liners Z Expe "x 5' PVC Z Flust | of Work (de Continueus Continueus Z -> Continueus WATERIALS MATERIALS MATERIALS PVC Riser points h Mount Well Box multer MATERIALS | tailed): <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>s</u> | 7 pts - Co 6 8' ba 50 8' ba Sals te lacation 74 7 | H M Vou: -Insta | S Sof S I ed 1 I ed | 10 8 a) Spil V9p 4 19p 4 19p 4 1000 a 1000 b 1000 a 1000 b 1000 a 1000 b 1000 a 1000 b 1000 a 1000 a 1000 a 1000 b 1000 a 1000 b 1000 a 1000 b 1000 a 1000 a 1000 a 1000 a 1000 a 1000 </td <td>t Pump</td> <td>fell SU for we defice W Valor bas</td> <td>IE We II to ell to extre</td> <td>115 @) eech 91 hs 21 bs chrow</td> | t Pump | fell SU for we defice W Valor bas | IE We II to ell to extre | 115 @) eech 91 hs 21 bs chrow |
| escription p1-# / p1-# 2 p1-# 2 P-# 3 APP. DGW MC Liners LB Liners Z Expe "x 5' "x 5' PVC Z Flush Bent | of Work (de Continueus Continueus $Z \rightarrow Continueus$ $Z \rightarrow Continueus$ WATERIALS MATERIALS PVC Screen PVC Riser points h Mount Well Box multicular $multicular$ | talled): <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>s</u> | 7 pts - Co 6 8' ba 50 8' ba 5015 to 10 Cation 14 7 | UNIT Liners Points Boxes | S Sof S Iled 1 Iled 1 Track Track Core Drill Ste Core Dr | 10 8 a) 50// 1/9 4 60// 1/9 4 60// 1/9 4 60// 1/9 4 60// 1/9 4 60// 1/9 4 10 4 11 4 12 4 13 4 14 4 15 4 16 4 17 4 18 4 19 4 <td< td=""><td>t Pump</td><td>fell SU for we iden W Valor 1 ba</td><td>1 E we 11 to ell to extre</td><td>115 @, eech 91 hs 81 og Chrown</td></td<> | t Pump | fell SU for we iden W Valor 1 ba | 1 E we 11 to ell to extre | 115 @, eech 91 hs 81 og Chrown |
| escription p + # / 1 p + # 2 p + p + p + p + p + p + p + p + p + p + | of Work (de (avf_{invers}) $Conf_{invers}$ $Z \rightarrow (ant_{invers})$ $Z \rightarrow (ant_{invers})$ We @) We @) We @) We @) We @) MATERIALS MATERIALS MATERIALS PVC Screen PVC Screen PVC Riser points h Mount Well Box $Zm (I - L)m gZm Em I$ | tailed): <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>soils</u> <u>s</u> | 7 pts - Co 8' ba sals to lacation ATY. USED 14 7 | UNIT Liners Points Boxes | S Sof S I ed 1 I ed 1 I n ed T n ed | 10 8 a) Soil V4p Coil 1/2 all, add 1/2 all, add 1/2 all 1 all 1 <t< td=""><td>t Pump</td><td>fell SU for we defice W Uabor bas</td><td>IE We II to ell to extre</td><td>115 @, eech 91 63 21 63 Chron</td></t<> | t Pump | fell SU for we defice W Uabor bas | IE We II to ell to extre | 115 @, eech 91 63 21 63 Chron |
| APP. DGW APP. DGW MC Liners LB Liners Z Expe " x 5' " x 5' PVC Z Flush Bent Sent | of Work (de Continueus Continueus Z -> Continu WATERIALS AATERIALS PVC Screen PVC Riser points h Mount Well Box m of 2000 | tailed): <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>s</u> | 7 pts - Co 8 ba 5 g ba 5 g ba 10 cation 14 7 7 | UNIT Liners Points PC's Boxes | S Soil S Iled 1 Iled 1 Traise Drill Ste Core Dri Generat GS 1000 Steam G Rupe Pu Water Lu P.I.D. Trailer (I | 10 8 a) 50// 199 4 4// 201 19 a) 10 a) 10 a) 10 b) 10 a) 10 b) 10 a) 10 b) 10 c) 10 <td>t Pump</td> <td>fell SU for we water W Valor ba</td> <td></td> <td>115 @, eech 91 hs 81 bs chrown</td> | t Pump | fell SU for we water W Valor ba | | 115 @, eech 91 hs 81 bs chrown |
| APP. DGW APP. DGW APP. DGW MC Liners LB Liners Z Expe " x 5' " x 5' PVC Z Flush Bent Sent | of Work (de Continueus Continueus Z -> Continueus Z -> Continueus Well @ MATERIALS AATERIALS PVC Screen PVC Riser points h Mount Well Box Continueus PVC Riser points h Mount Well Box Continueus Damaged / L Number of | talled): <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>egch</u> <u>sor</u> <u>sor</u> <u>sor</u> <u>sor</u> | 7 pts - Co 8 ba fo 8 ba sals to acation ATY. USED 14 7 | UNIT Liners Points PC's Points Boxes | S Sof S I ed 1 I ed 1 I n ed T n ed | 10 8 a) 50// 1/9 4/9 4/9 4/1,20 4/9 4/9 all,20 5 5 | t Pump | fell SU for we uchen W Valor ba T | 1 E We 1 to ell to extreme | Ils (a) epek 91 1 1 81 0 1 1 0 1 |
| APP. DGW APP. DGW APP. DGW MC Liners LB Liners Z Expe " x 5' PVC Z Flush Bent Se | of Work (de Continueus Continueus Z→Continu Well (a) MATERIALS ATERIALS ATERIALS PVC Screen PVC Riser points h Mount Well Bo: Martinueus Damaged / L Number of Samples | tailed): <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> <u>sorls</u> | Zorts - Co Sals Fr Jacation ATY. USED 14 7 7 Soli LB | H WOU: -Insta -I | S Sof S Iled 1 In stalled Drill Ste Core Dri Generat GS 1000 Steam G Rupe Pu Water Lo P.I.D. Trailer (I | Image: Solution of the second seco | t Pump | Fell SV Fan we Valar W Valar Jag T T T Sparge Points | | C. |

\$

| DAILY DR | ILLING RECO | ORD | | URS Corporation | | | | |
|---------------------------------------|---------------------|--|--|---|--|--|--|--|
| PROJECT TITLE | NYDEC | we + goth st. | DATE: 10-31-03 CONTRACTOR: Zelora | | | | | |
| FROM | то | PRODUCTIVE HOURS | | ACTIVITIES/COMMENTS | | | | |
| 0800 | 0830 | 0.5 | Drike | - arrivel (Joe S.) and | | | | |
| 0870 | (a)) E | | Finds parking. | | | | | |
| 1045 | 1130 | 0.75 | <u>Set</u> v Waiti | abor well SG-18. | | | | |
| | | | CIEN | ning up. | | | | |
| 1(30 | 1430 | 3.0 | Set | vapor wells SU-19 uncl | | | | |
| | | | <u> </u> | 20. Driller teaves. | | | | |
| | | | | | | | | |
| TOTAL PROD | UCTIVE HOURS | 6.5 | | LEVEL B / LEVEL C / LEVELD (CIRCLE ONE SELCTION) | | | | |
| LABOR: | | | MATERIÁLS / | SUPPLIES: | | | | |
| UNITS | | | UNITS | | | | | |
| $\frac{30}{20}$ | upor well | SU-18 (7.5695) | 1 | Geopratic 6610 DT | | | | |
| <u> </u> | lapor Well | <u>56-19 (6.56gi)</u> | | Van + Trailer | | | | |
| | Gover Well | 56-20 (9'6gs) | 10 | 4' Macine Sampler | | | | |
| C | | 7 - 1 | | Expendible Point | | | | |
| | Run 1 to | 2 5.5 bgs + | | 6" Stainlers Steel Implant | | | | |
| | $\frac{kun a +}{1}$ | o 4 basi | 1 | Colycthylene Ioleing (>15×114 | | | | |
| | Kun 1 1 | 26.569(. | 3/11- | Sand (Sig) | | | | |
| | | | 11/2 | Sertonife (1949) | | | | |
| | | | 3 | CEMENT (13ag) | | | | |
| | <u> </u> | · · · · · · · · · · · · · · · · · · · | ······································ | ~ Flochman F wer isox | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | ······································ | | | | | | |
| WEATHER: | | | L | | | | | |
| · · · · · · · · · · · · · · · · · · · | NEC BC | Mr M | | CONTRACTOR REPRESENTATIVE | | | | |

| ZEBRA Offic | | | _ | | | | | , | · <u> </u> | |
|---|---|--|--|---|---|--|---|---|---------------------|---|
| | ce <u>Lynbook</u> | Crew | v Base | JS/EM | Z# | | ZEB | RA Unit #/ | Туре_Э | #20 66D |
| CLIENT / OF | | | | Client | Project #_ | | | | | |
| PROJECT N | AME()KS | / NYC | m 9/ | 0 ml | 1010 | | | <u> </u> | | |
| Client PM: | OCATION | 2 /WP, 7 | 1-10 | / 5/ | | t Site Co | ntoot. | 01 | 10 | |
| | | · · · · · · · · · · · · · · · · · · · | | | | | | (amin | <u>el se</u> | <u>ay</u> |
| | TSONNEL ON SI | 1E: | | Chart | Amelia | | | Total Site | | |
| Voe of | Sanatha | | | Start | Arrive | Leave | Finish | Time | от | Client Init. |
| FUNN M | and re | <u> </u> | | 6.00 | 7.30 | 2:20 | | - 5 | | |
| <u>/</u> | waters | | | 0.00 | 12.30 | F-30 | | | · | |
| Other Personr | nel On Site: | | | | | | | | | |
| | ······· | | | | | | | | | |
| · · · · · · · · · · · · · · · · · · · | ····· | | | | | | 1 | + | | + |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Description | of Work (detaile | ed): | | | | | | | | |
| Description | of Work (detaile | ed): | 12' 6' | 9. Ins | hall 1 | SVE 1 | re11 + | 071/2 | be - | + 3 Attempted |
| Description $f \neq f$ | of Work (detaile iontrances so wait for | ed): 15 to 71 DOT | 12'b' Perm | g, Ins | hall] | SVE | <u>reil</u> + | 071/2 | <u>bg</u> - | → 3 Attempt< |
| $\frac{p + \# 2}{p + \# 2} = 0$ | of Work (detaile Continueurs so Wait for | ed): 15 to 7 to Dot 15 to 6 | 12 b' Perm 1/2 | g, Ins | <u>tall</u> stall | SVE I | well to | 0 7 1/2' 6/2 b | bg ;? | > 3 Attempts 3 Attempts |
| Description p + # - p p + # - p | of Work (detaile Continueus son Wait for Continueus son | ed): 13 to 71 Dot 15 to 6 | 12 b' Perm 1/2 b | 9, Ins 1/5 - 29, In: | hall] stall | SVE U | well to | 0 7 1/2' 6/2'b | <u>bg</u> ;> | > 3 Attempts 3 Attempts |
| Description $p \neq \# 1$ ($p \neq \# 2$ ($p \neq \# 3$ (a) | of Work (detaile Continueus so Continueus so utinueus so | ed): 13 to 7 10 to 6 15 to 6 | 12' b' Peruz 1/2' b 1/2' b | 9, Ins 1/5 29, In Instal | 611 stall SV | SVE (SVE) E GRI | well to to 9 | 0 7 1/2' 6/2'bs | bg> | > 3 Attempts 3 Attempts |
| Description $p \neq \# 2 = c$ $p \neq \# 3 = c$ APP. DGW: | of Work (detaile Continueus so antinueus so utinueus so | ed): 3 to 71 5 to 6 5 to 8 | 12 b Perni 1/2 b 1/2 b | 9, Ins 1/5 - ng, In Instal | 611 stall | <u>SVE</u> <u>SVE</u> E GR[] | well to to 9 | 0 7 1/2' 6/2'63 ' 65 | bg | → 3 Attempts 3 Attempts |
| Description $p \neq \# 1$ ($p \neq \# 2$ ($p \neq \# 3$ (APP. DGW; N | of Work (detaile Continueus son whinders son whinders son MATERIALS | ed): 13 to 7 t 13 to 6 13 to 6 13 to 8 | 2 6 Perun 1/2 6 1/2 | 9, Ins 29, In 29, In Indal UNIT | 6a(1 stall SV | SVE (SVE (E GR() | well to to 9 EQUIPMEN | 0 7 1/2 6/2 by 1 be | bg ;> | > 3 Attempts 3 Attempts |
| Description f # f p # f | of Work (detaile Continueus son antinueus son utinueus son utinueus son | ed): 3 to 7 DOT 5 to 6 5 to 8 5 to 8 4 5 to 8 4 5 to 8 4 5 5 5 5 5 5 5 5 | /2 ' b' Pervir !/2 ' b ! bg . SED | g Ins ng In Insal UNIT Liners | 5-411 5-411 1 SV | SVE (SVE) E GRI eD | well to to 9 EQUIPMEN | 0 7 1/2 6 1/2 'by ' by I by | bg> | > 3 Attempts 3 Attempts |
| Description p + # - (p + (p + | of Work (detaile out nucus so when the so out in vers so ut in vers so haterials | ed): 13 to 7 13 to 6 13 to 6 14 to 8 14 to 8 15 to 8 15 to 10 15 to | /2 ' b Perviz '/2' b 'bg | 9, Ins 9, Ins 9, Ins 9, Ins 1 UNIT Liners Liners | stall / SV / SV | 5VE (SVE (E GR() e) e) | well to to 9 EQUIPMEN | 0 7 1/2 6 1/2 6 1 6 9 | bg> | > 3 Attempts 3 Attempts |
| Description p + + | of Work (detaile on inverses so white inverses white inverses internals indable Points PVC Screen | ed): 13 to 7 to DOT 15 to 6 (15 to 8 (15 to 8 0 TY. U 13 4 | /2 ' b' Perni /2 ' b 'bg o SED | y Ins y Is ng In Ins UNIT Liners Points Points | brill Ste Core Dri Generat | SVE (SVE (SVE) E GR() eD | equipment | 0 7 1/2 ' 6 1/2 ' by 1 bg | <u>b</u> <u>y</u> > | > 3 Attempts 3 Attempts |
| Description | of Work (details of Contents of Contents of Contents PVC Screen PVC Riser | ed): 13 to 7 DOT 15 to 6 15 to 8 15 to 8 15 to 8 15 to 9 15 to 9 1 | /2 ' b' Perviz '/2' b 'bg | 9 Ins 9 Ins 9 Ins 9 Ins 9 Ins 1 Iners Liners Points PC's PC's | brill Ste Core Dri Generati GS 1000 | SVE (SVE (E ()R() E ()R() el el or 072000 Grou | well to to 9 EQUIPMEN | 0 7 1/2 6 1/2 'by 1 bg | bg | > 3 Attempts 3 Attempts |
| Description | of Work (detaile of Later port nucuts So of the so | ed): 13 to 7 1 DOT 15 to 6 (15 to 8 0 TY. U 13 4 | /2 ' b' Pervir 1/2 ' b 1/2 ' b SED | y Ins y Is y Is y Is y Ins UNIT Liners Liners Points PC's Points | Drill Ste Core Dri Generat GS 1000 Steam G Rupe PL | SVE (SVE (E GR() E GR() E GR() E E E D C C C C C C C C C C C C C C C C | EQUIPMEN | 0 7 1/2 ' 6 1/2 ' by 1 bs | bg | → 3 Attempts 3 Attempts |
| Description p+ # / Q P+ # / Q P+ # / Q P MC Liners LB Liners S∨E Expe "x 5' "x 5' PVC | of Work (detaile Continueus So Continueus So Minueus So Minueus So MATERIALS INTERIALS PVC Riser PVC Riser points Mount Well Box | ed): 13 to 7 DOT 15 to 6 (15 to 8 0 0 15 to 8 15 15 15 15 15 15 15 15 15 15 | 12'b Perviz 1/2'b 163. | y Ins y Is y Is | brill Ste Core Dri Generat GS 1000 Steam G Rupe Pu Water Lu | SVE (SVE (E L/R () E L/R () E E E E E E E E E E E E E E E E E E E | we) to to 9 EQUIPMEN | 0 7 1/2 6 1/2 bs | by> | > 3 Attempts 3 Attempts |
| Description | of Work (detaile Tork (nucus Sor Warth for entinuers Sor UTINUES Sor MATERIALS PVC Screen PVC Riser points Mount Well Box | ed): 15 to 7 to | /2 ' b' Perm 1/2 ' b 163 - | y Ins y Is y Is y Is y Ins UNIT Liners Liners Points PC's Points Boxes | DFILI Ste Core Dri Generat GS 1000 Steam G Rupe PL Water Lu P.I.D. | SVE (SVE (E GR() E GR | Image: Control Image: Control Image: Contro Image: Contro< | 0 7 1/2 ' 6 1/2 ' by 1 bg | bg> | → 3 Attempts 3 Attempts |
| Description p + # - (p + (p | of Work (details of Control of C | ed): 13 to 7 to DOT 15 to 6 15 to 8 15 to 8 | /2 ' b' Perviz '/2 ' b ' bg , SED | UNIT Liners Points PC's Points Boxes | brill Ste Core Dri Generat GS 1000 Steam G Rupe Pu Water Lu P.I.D. Trailer (I | SVE (SVE (SVE) E ()(P()) E ()(P() | we) to we) to to 9 EQUIPMEN it Pump or | 0 7 1/2 6 1/2 by | by | > 3 Attempts 3 Attempts |
| Description | of Work (detaile Tork (detaile Tork (detaile Tork (detaile Sol Martin br>Martin Martin Mount Well Box | ed): 15 to 7 to | /2 ' b' Perm //2 ' b ! bg SED | 9 Ins 9 Ins 9 Ins 9 Ins 9 Ins 10 | Drill Ste Core Dri Generat GS 1000 Steam G Rupe PL Water Lo P.I.D. Trailer (I | SVE (SVE (SVE) E GR() E GR(| Image: Second state Image: Second | 0 7 1/2 ' - 6 1/2 ' 63 ' 65 VT | bg> | > 3 Attempts 3 Attempts |
| Description PI # / (pI # 2 (pI # 2 (APP. DGW: MC Liners LB Liners SVE Expe "x5' "x5' PVC 3 Flust SQLA ISENS C. EM | of Work (detaile Continueus So Marinueus S | ed): 13 to 7 to DOT 15 to 6 (15 to 8 0 TY. U 13 4 3 4 | 12'b Pervir 1/2'b 163, | y Inst y Is - y Is - | Drill Ste Core Dri Generat GS 1000 Steam G Rupe PL Water Ld P.I.D. Trailer (I | SVE U SVE U E GRI E GRI E GRI E GRI E E E E E E E E E E E E E E E E E E E | 2 [6 1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 | 0 7 1/2 ' _6 1/2 ' 63 ' 65 VT | by> | → 3 Attempts 3 Attempts |
| Description | of Work (detaile Tork (detaile Tork (detaile Tork (detaile Tork (detaile Sol March (detaile March (detaile Sol March (detaile | ed): 15 to 7 t DOT 15 to 6 15 to 8 0 TY. U 13 4 4 3 | /2 ' b' Pervir '/2' b 'bg | y Ins y Ins y Ins y Ins y Ins y Ins UNIT Liners Liners Points PC's Points Boxes | Drill Ste Core Dri Generat GS 1000 Steam C Rupe PL Water Lo P.I.D. Trailer (| SVE (SVE (SVE) E GR() E GR(| Image: Control Image: Control Image: Contro Image: Contro< | 0 7 1/2 ' 6 1/2 ' 63 1 65 1 65 | bg> | > 3 Attempts |
| Description <i>f</i> # <i>f (</i> <i>p</i> # <i>f (</i> <i>p</i> # <i>f (</i> <i>p</i> # <i>f (</i> <i>p</i> # <i>f (</i> <i>p f (</i> <i>p f (</i> <i>p f (</i> <i>p f (</i> <i>p (</i>) <i>p f (</i> <i>f (</i>) <i>p () (</i>) <i>p () () () () () () () ()</i> | of Work (details of Control of C | ed): 13 to 7 to DOT 15 to 6 (15 to 8 0 TY. U 13 4 3 4 3 | 12'b Pervir 1/2'b 163, | y Inst y Is - y Is - | Drill Ste Core Dri Generat GS 1000 Steam G Rupe PL Water Ld P.I.D. Trailer (I | SVE (SVE (SVE (E GR() E GR(| 2 [6 1 6 7 1 0 1 7 1 <td>0 7 1/2 ' 6 1/2 ' 63 1 65 1 65</td> <td>by</td> <td>→ 3 Attempts 3 Attempts</td> | 0 7 1/2 ' 6 1/2 ' 63 1 65 1 65 | by | → 3 Attempts 3 Attempts |
| Description PI # 1 (pI # 2 (pI # 2 (APP. DGW: MC Liners LB Liners <u>SVE</u> Expe "x5' x5' x5' x5' x5' x5' x5' x5' x5' x5' x5' x5' x5' x5' PVC S944 [Seave C.em | of Work (detaile | ed): 13 to 7 to DOT 15 to 6 15 to 8 0 TY. U 13 4 3 4 3 4 3 4 3 4 3 4 5 5 5 5 6 6 6 7 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 | /2 ' b' Perviz '/2' b 'bg | y Ins y Is y Is | Drill Ste Core Dri Generat GS 1000 Steam C Rupe PL Water Lo P.I.D. Traller (| SVE (SVE (SVE) E ()(R) E () | 22:1 Well 10 10 10 10 10 10 10 10 10 10 11 10 11 11 11 11 11 11 12 12 13 14 14 14 14 14 15 16 17 17 17 18 19 10 10 10 10 11 11 12 12 13 14 14 15 16 16 17 17 18 19 10 10 10 10 10 10 10 10 10 10 10 10 10 < | 0 7 1/2 ' 6 1/2 ' 63 ' 65 ' 7 /2 ' | bg> | > 3 Attempts |
| Description | of Work (detaile Continuers So Winuers So Winuers So Winuers So Winuers So Winuers So Materials PVC Riser PVC Riser PVC Riser PVC Riser Damaged / Lost Number of S | ed): 3 to 7 to D O T 1 S to 6 (1 S to 8 0 TY. U 7 3 4 3 4 5 6 1 S to 8 1 S to 9 1 | /2 ' b' Pervir /2 ' b 1/2 ' b SED SED | GW | Drill Ste Zore Dri Generat GS 1000 Steam G Rupe Pu Water Lu P.I.D. Trailer (I | SVE (SVE (SVE (E L/R () E L | Image: Second | 0 7 1/2 ' 6 1/2 ' 69 1 65 NT | bg | > 3 Attempts 4 Atte |
| Description PI # I (pI # I (pI # I (APP. DGW: MC Liners LB Liners SVE Expe "x5' PVC 3 Flust SQUA ISENS CPM Probe Tools Number of Points | of Work (detaile of Control of C | ed): 15 to 7 to DOT 15 to 6 15 to 8 15 to 8 | /2 ' b' Perviz '/2 ' b ' bg SED | GW | Vells Installec | SVE (SVE (SVE) E ()(2) E () | Image: Control of the second secon | 0 7 1/2 1 6 1/2 6 1 65 1 65 1 65 1 65 1 65 1 65 1 65 1 | b-3 | > 3 Attempts |

ΨV

10 th

and the second
ь Г

| DAILY DRI | LLING RECO | ORD | URS Corporation | | | | | |
|----------------|--------------|------------------|-----------------------|-----------------------------|--|--|--|--|
| PROJECT TITLE: | 15+ Au | enve + 90th st. | DATE: | 11-3-03 | | | | |
| CLIENT: NYDEC | | | CONTRACT | OR: Zebra | | | | |
| | | | • | | | | | |
| FROM | то | PRODUCTIVE HOURS | | ACTIVITIES/COMMENTS | | | | |
| 0730 | 0800 | 0.5 | Drine | t arriver (Charles (r) | | | | |
| | | | and | prepaires for work. | | | | |
| 0800 | 11 00 | 3.0 | Sct | vapor walls SU-21 | | | | |
| | | · | throw | 1gh 56-24. | | | | |
| | | | Dril | ler Izaves. | | | | |
| | | | · | | | | | |
| | | | — | | | | | |
| | | | | | | | | |
| TOTAL PRODU | | | | | | | | |
| | | | | (CIRCLE ONE SELCTION) | | | | |
| BOR: | | | MATERIALS / | SUPPLIES: | | | | |
| UNITS | | | UNITS | | | | | |
| | 621 (| 716gs) | 1 | Grouprobe 6610 DT | | | | |
| 5 | 6-22 (| (8.516gs) | | Van + Trailer | | | | |
| | 6-23 (| 8.5'6as) | 8 | 4' Macrocore Sampler | | | | |
| | U L4 | (9' 6gs) | 4 | Expendable Point | | | | |
| | | | 4 | 6" stainless Steel Implan | | | | |
| | | | <u> </u> | Polyethylene Tubing (2/2+1, | | | | |
| | | | <u></u> <u>1/2</u> | Sence (Beg) | | | | |
| | | | 1 | (the set (Dr.) | | | | |
| | | | 4 | 2" Fluchmannet wed have | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| VEATHER: | | | | | | | | |
| A | | | | | | | | |
| | VEL () | NATOR | | | | | | |
| | | | | CONTRACTOR REPRESENTATIVE | | | | |

ZEBRA *DAILY PROJECT REPORT*

and a subject of the state of the

| | | | | | | | Project Day & Date | | | | | |
|---|--|--------------------------|---------------|----------|-------------------------|-------------|--------------------|------------------|--|--------------|--|--|
| ZEBRA Offic | | Z# ZEBRA Unit #/Type_ | | | | | 6 | | | | | |
| | | | | 2 | | | Client Project # | | | | | |
| PROJECT N | | | | | | | _ 01011 | | | | | |
| PROJECT L | OCATION | | AN/ | £ | | | •• •• | | | | | |
| Client PM: | | · | -146 | | Clier | t Site C | ontect: | | | · · · · · · | | |
| ZEBRA PEF | | SITE | 9 | ym y | | | Le : | | | | | |
| Name/Compa | ny | | // | Start | Arrive | Leave | Finish | Total Site | ОТ | Client Init. | | |
| chent | Lau- | | | 635 | 730 | | | , inte | | | | |
| EVM | Murtis | | | 630 | (73) | | | | | | | |
| Other Person | nel On Site: | | | | / | | | | | | | |
| | | | | | | | | | | | | |
| | | . | | | | | 1 | · · · | | | | |
| - | <u> </u> | | | | | | | - | | | | |
| 56-0 0 0 0 0 | $1 0 \cdot 9$ $2 0 \cdot 9$ 3 0 - 9 0 - 9 | 4.8 4.8 4.8 4.8 | 5 | Vnpr | 8/2 | Té u | N BOX | | ······································ | | | |
| | 0-7 | | | , | <u> </u> | <u> </u> | | <u>+</u> | | <u> </u> | | |
| APP. DGW | <u> </u> | | | | | | - | | | | | |
| <u></u> N | ATERIALS | Q | TY. USED | UNIT | T | | EQUIPME | NT | - | <u>_</u> | | |
| MC Liners | | | | Liners | Drill Steel | | | | | | | |
| LB Liners | | | | Liners | Core Dr | 11 | | | | 1 | | |
| Ехре | ndable Points | | | Points | Generator | | | | | | | |
| " X 5' | PVC Screen | | | PC's | GS 1000 | /2000 Gro | ut Pump | | | | | |
| " x 5' | PVC Riser | | · · · · · · · | PC's | Steam C | ìenny | | | | | | |
| PVC | points | | | Points | Rupe Pu | Imp | | | | | | |
| Flusi | n Mount Well Box | د | | Boxes | Water L | evel Indica | tor | | _ | | | |
| | | | | | P.I.D. | | | . | | | | |
| 5-AQ | V | 4 | bas | <u>`</u> | Trailer (| Decon/Util | lity) | | | | | |
| | <u> </u> | · | <u>_</u> / | | | | | · · · · | | | | |
| | | | | <u> </u> | | | | | | | | |
| Probe Tools | Damaged / L | ost: | | | L | | | | <u> </u> | | | |
| Number of Points 4 | Number of Samples | Soll MC | Soil LB | GW | Wells Installed H | 1 | Soil Gas | Sparge Points | Miso |). | | |
| <u> </u> | | L | | ļ | 1 | | | | | | | |
| Eield Verific | ation: | • | | CI | LIENT: (Pi | rint) | Edu | jund | B | erm | | |
| C - C - C - C - C - C - C - C - C - C - | - ~ · · · · · · · · · · · · · · · · · · | | | | (Si | ign) | U | hn | M | 111 | | |

S. H. Malari
URS Page ____ of _ Job 1 StANE & EAST 90 4 street Project No. Sheet of Description NYSDEC Date 11/3/03 Computed by ____ 4 SOIL GAS POINT LOCATION MAP Checked by ___ Date Reference Notes -1) All POINTS are located in sidewalks layond SOIL GAS (SG) 2) All so pts are labled with a white paint dot 3) NTS 4) All pts. are and Al. Flush mount caps soil gas ft & 56-22-# PARK (107) address 2ND AVE 56-17 (1744) \otimes × 564 \otimes 56-12 X 56-13 51-3 (304) (3037 56-16 56-11 (305) (1752 (1736) (306-8) 56-13 ZEAST 90^H street X (317)56-10 (320) 562. (320)× ZEAST 91 St St \$ 46-5 (333) 3 56-14 50-9 (School) (372) 506 (\mathbf{X}) 561 (340)× (339) 567 568 @ (1745) (🕅 (1749) 1 St Ave \otimes 56-22 5619 3 (407) 56-18 (402) (\mathfrak{S}) (1748) 56-21 60 (417) 56-23 3 (423) YORK AVE SGRY 56200 (435)

| | Summa Ca | nister Sampli | ing Field Data | Sheet | 11.00 |
|--|----------------------|---------------------------------------|----------------------|------------------------|-----------------------|
| Site: | 1 St Averal | 1 + 9,+ | h street | 4 | 4/03 |
| Samplers: | | | | (| 601 |
| Date: | 11 - 11 - 0 | 3 | | | |
| ······································ | | · · · · · · · · · · · · · · · · · · · | | · · · · | |
| Sample # | 56-01* | 56-02 | 56-03 | 56-04 | 56-05 |
| Location | 340 E. 90 + 54 | 320 F 90th st | 304 E. 90 th St | 303 F 90 M SL | 333 F 90 MSt |
| Summa Canister ID | 9515 | 44920, | 9433 | 9349 | 9490 |
| (Lab ID, if provided) | (1127) ^{**} | (2209) | (1904) | (708) | (2035) |
| Additional Tubing Added | TES- How much | YE - How much | NO/ Y D- How much | NO/ Ý YE - How much | NO/ YED - How much |
| | 37 | 2, | 3 " | 3 '' | 3 " |
| Purge Time (Start) | 0745 | 0800 | 0815 | 0825 | 0835 |
| Purge Time (Stop) | 0750 | 08 05 | 0820 | 08 30 | 0840 |
| [recommended time (min) [recommended time is 20 min for 1L canister] | 5 | 5 | 5 | کر ا | 5 |
| Pressure Gauge - before sampling | 30 | 30 | 24 | 30 | 28 |
| Sample Time (Start) | 0940 | 0941 | 0942 | 0743 | 0944 |
| Sample Time (Stop) | 000 | 1001 | 0957 | 1003 | 1004 |
| Total Sample Time (min) | 20 | 20 | 15 | 20 | 20 |
| Pressure Gauge - after sampling | 8 | 6 | 2.5 | 6 | 6.5 |
| Canister Pressure Went To Ambient Pressure? | YES / NO | YES / NO | YES / NO | YES / MO | YES / NO |
| 3eneral Comments: | icture of | purging. | 44 Sb- | 02. | |
| * 56-85 (time = | cuplicate | sample DOb | , of s | 6-01 | |
| I) = 14920 (2209) |) | <u> </u> | <u>,</u> | | |

Ì

graf Ber code H

N:\11173262.00000\Excel\Summa Canister Field Sheet.xis

landa a series est

ter and the second s

| Site: | 1 st Avenu | M7 90+ | h Street | <u>-</u> | |
|---|---|----------------------|-----------------------|---------------------------------------|-----------|
| Samplers: | Nad Bu | (VM | | | |
| Date: | 11-11-0 | } | | | |
| | r · · · · · · · · · · · · · · · · · · · | | | · · · · · · · · · · · · · · · · · · · | |
| Sample # | 56-06 | 56-07 | 56-08 | 56-18 | 56-19 |
| l ocation | 339 | 1745 | 1749 | 1748 | 402 |
| | E. 90 th St. | 1st Ave. | 1st Ave. | 1 st Ave. | E. 9045 |
| Summa Canister ID (Lab ID, if provided) | 92905 | Sc97. | SC87 | 639 (3270)* | 4311 |
| Additional Tubing Added | NO/ (ES)- How much | NO/ VES- How much | NO/ YES - How much | NO/ VES - How much | NO/ |
| · | 6 | 3 | 6 | | 6" |
| Purge Time (Start) | 0855 | 1100 | 1115 | 11)0 | (145 |
| Purge Time (Stop) | 0900 | 1105 | [120 | 1175 | 1150 |
| Total Purge Time (min) [recommended time is 20 min for 1L canister] | 5 | 5 | 5 | 5 | 5 |
| Pressure Gauge - before sampling | 30 | 28 | 29 | 29.5 | 30 |
| Sample Time (Start) | 0945 | 1208 | 1209 | 1217 | 1211 |
| Sample Time (Stop) | 1005 | 1228 | 1229 | 1237 | 1231 |
| Total Sample Time (min) | 20 | 20 700 | 20 | 20 | 20 |
| Pressure Gauge - after sampling | 7 | 7 | 8 | 12 | 6.5 |
| Canister Pressure Went To Ambient Pressure? | YES / NO | YES / NO | YES / MO | YES / NO | YES /NO |
| General Comments: ∖√ | in ther = | 10-03+60 | r cloudy | + suilly | instact) |
| | | onic, T | , 50 + · | | |
| | | 1-1-10 | - | | |

* leur code #

1124

| Site: | + Arre | + 20 + | u St. | | |
|---|-----------------------|------------------------|-----------------------|---------------------------------------|---------------------------------------|
| Samplers: | NIU DA | win | | · · · · · · · · · · · · · · · · · · · | |
| Date: | 11-11- | 031 | ····· | | |
| | | | ···· | | |
| Sample # | Field Blunkl | AmbienH | | | |
| Location | 326 * E. 90th St | 326 # E. 90 ths | | · · · · · · · · · · · · · · · · · · · | |
| Summa Canister ID (Lab ID, if provided) | 12366 | 34087 | 8 | | |
| Additional Tubing Added | NO/ YE9 - How much | (NO) YES - How much | NO/ YES - How much | NO/ YES - How much | NO/ YES - How much |
| Purge Time (Start) | | (| | | |
| Purge Time (Stop) | | - | | | · · · · · · · · · · · · · · · · · · · |
| Total Purge Time (min) [recommended time is 20 min for 1L canister] | | | | | |
| Pressure Gauge - before sampling | 25 | 30 | | | |
| Sample Time (Start) | 1320 | 1320 | | | |
| Sample Time (Stop) | 1340 | (340 | | | · |
| Total Sample Time (min) | 20 | 20 | | | · · · · · · · · · · · · · · · · · · · |
| Pressure Gauge - after sampling | 4 | 9 | | | |
| Canister Pressure Went To Ambient Pressure? | YES / NO | YES / NO | YES / NO | YES / NO | YES / NO |
| General Comments: | | | ····· | | |
| Dog toola | 4 8-20 | neur (| 34. | | |
| | | · | | | |

د الا الارد الحادية بالمحمد من من من المركز المحمد المحمد المركز الم

| | | | | | a a cara a c |
|---|-----------------------|---------------------|---------------------------------------|-----------------------|--|
| my | Summa Ca | nister Sampli | ing Field Data | a Sheet | |
| <u>Site:</u> (+ | Arenne | + 90 | tu st. | | |
| Samplers: Nu | Benny | | | * | |
| Date: [[-] | 2-03 | | · · · · · · · · · · · · · · · · · · · | | |
| Sample # | 56-09 | 56-10 | 56-11 | 56-12 | 56-13 |
| | 732 | 72.0 | 306-8 | 305 | 217 |
| | E. 9154 | E.9154. | Ē. 915+. | Ī. 91 St. | E. 91 St |
| Summa Canister ID (Lab ID, if provided) | 34113 | 14513 | 34624 | 74091 | 34585 |
| Additional Tubing Added | NO/ YES - How much | NO/ Y≝S-How much | NO/ YES - How much | NO/ Y€9 - How much | NO/ YES - How much |
| | ę ' | 6 " | 6" | 6 " | 6 " |
| Purge Time (Start) | 0715 | 0150 | 0745 | 0800 | 0815 |
| Purge Time (Stop) | 0720 | 0715 | 0750 | 0405 | 0820 |
| Total Purge Time (min) [recommended time is 20 min for 1L canister] | 5 | 5 | 5 | 5 | 5 |
| Pressure Gauge - before sampling | 21 | 28 | 29 | 29 | 30 |
| Sample Time (Start) | 0842 | 0843 | 0844 | 0845 | 0846 |
| Sample Time (Stop) | 0902 | 0903 | 0964 | 1905 | 0906 |
| Total Sample Time (min) | 20 | 20 | 20 | 20 | 20 |
| Pressure Gauge - after sampling | 7.5 | 8 | 8 | 7.5 | 8 |
| Canister Pressure Went To Ambient Pressure? | YES / | YES / NO | YES / NO | YES / NO | YES / NO |
| General Comments: | :0,14 str. 5,6-11. | ding Gran | rd + si | noking | by |

L

| <u>Site:</u> (<+ | Avenue | + gote | 1 ST | | |
|---|---------------------------------------|----------------------------------|-----------------|---------------------------------------|--|
| Samplers: Nul | Bern | | | · · · · · · · · · · · · · · · · · · · | |
| Date: (1 - | 12-03 | <u> </u> | | <u> </u> | |
| | | | | | ······································ |
| Sample # | 56-14 | Aubient 2 55-15 | Field Blanko | ~ | |
| Location | Schoul E. 91 St | 1759 317 E. 1151 2 E. AVE. | 317 E. 21 SF | | |
| Summa Canister ID (Lab ID, if provided) | (| 33411 | 34601 | | |
| Additional Tubing Added | NO/ XES-How much | YES - How much | NO/ How much | NO/ YES - How much | NO/ YES - How much |
| Purge Time (Start) | 6530 | | | | |
| Purge Time (Stop) | 6435 | - | | | |
| Total Purge Time (min) [recommended time is 20 min for 1L canister] | ら | | | | |
| Pressure Gauge - before sampling | 29 | 15 4. * * | 30 | | |
| Sample Time (Start) | 0447 | 0*50 + 4 10 * | 0846 | | |
| Sample Time (Stop) | 0907 | 0907 | 6906 | · · · · · · · · · · · · · · · · · · · | |
| Total Sample Time (min) | 20 | | 20 | · · · · · · · · · · · · · · · · · · · | |
| Pressure Gauge - after sampling | 8 | 4 | lD | | · · · · · · · · · · · · · · · · · · · |
| Canister Pressure Went To Ambient Pressure? | YES / NO | YES / NO | YES / NO | YES / NO | YES / NO |
| General Comments: | · · · · · · · · · · · · · · · · · · · | | | | |

* Chinister very Low presence at beginning changed out charster / Flow mover / Firther

N:\11173262.00000\Excel\Summa Canister Field Sheet.xls

and the second
| Site: | Are + | Zoth | 5+ | | |
|---|-----------------------|------------------|-----------------------|-----------------------|-----------------------|
| Samplers: N. | rd ism | m | ···· | | بەر |
| | -12-0 | 03 | | | قُمْ |
| Sample # | 56-15 | 56-17 | 56-16 | | |
| Location | 1752 Dave Arc | 1744 2nd Ave. | 1736 2nd Ave | | |
| Summa Canister ID (Lab ID, if provided) | 34125 | 34581 | 11429 | | |
| Additional Tubing Added | NO/ How much | NO/ How much | NO/ YES - How much | NO/ YES - How much | NO/ YES - How much |
| Purge Time (Start) | 1005 | 1020 | 1035 | | |
| Purge Time (Stop) | 1010 | 1025 | 1040 | | |
| Total Purge Time (min) [recommended time is 20 min for 1L canister] | | 5 | 5 | | \$ |
| Pressure Gauge - before sampling | 28 | 27 | 28 | | Č. |
| Sample Time (Start) | 1111 | 1110 | 1109 | | |
| Sample Time (Stop) | 1117 | 1130 | 1124 | | |
| Total Sample Time (min) | 6 | 20 | 20 | | č |
| Pressure Gauge - after sampling | 2 | 7 | 6.5 | | |
| Canister Pressure Went To Ambient Pressure? | YES / NO | YES / NO | YES / NO | YES / NO | YES / NO |
| General Comments: | | | | | |
| • 3 | Sunn | ns / fl | ow Fi | thing s | |
| ς | (1)+ | i extra | 10 V 3 1 | rd (21 | d day) |
| N:\11173262.00000\Excel\Summa Can | ister Field Sheet.xls | | 1.c.D | -/) | |
| 9 | 2 rd tub | ins f | fun co | non | |

| Site: | 1st And | + 904 | i St. | | |
|---|----------------------------|----------------------|-----------------------|--|--|
| Samplers: | Nuch it | LVVY | | ······································ | · · · · · · · · · · · · · · · · · · · |
| Date: | 11-12- | 03 | ····· | ······································ | |
| | | | | | ······································ |
| Sample # | 56-20 | 56-24 | 56-23 | 56-21 | 56-22 |
| Location | E. 90 ST | 475 E. 9057 | 423 F 1051- | 417 E. 9051- | 407 |
| Summa Canister ID (Lab ID, if provided) | 94924 | 9472 | 94938 | 9437 | 9489 |
| Additional Tubing Added | NO/ YES- How much | NO/ YES- How much | NO/ YES - How much | NO/ YES - How much | NO/ YES - How much |
| | 0 | 6 | 6 | 6 | 6' |
| Purge Time (Start) | 1200 | 1210 | 1220 | 1230 | 1240 |
| Purge Time (Stop) | 1205 | 1215 | 1225 | 1235 | 1245 |
| Total Purge Time (min) [recommended time is 20 min for 1L canister] | t | 5 | ح | 5 | 5 |
| Pressure Gauge - before sampling | 29 | 28 | 28.5 | 28 | 28 |
| Sample Time (Start) | 1315 | 316 | 1717 | 1318 | 1319 |
| Sample Time (Stop) | 1535 | 1336 | (377 | 1338 | 1339 |
| Total Sample Time (min) | 20 | 20 | 20 | 20 | 20 |
| Pressure Gauge - after sampling | < | 6 | 5.5 | 5.5 | 14.5 |
| Canister Pressure Went To Ambient Pressure? | YES / NO | YES / NO | YES / 10 | YES / | YES / NO |
| General Comments: | | <u>م</u> | | | |
| \$ Duplicate s time 13 Can. \$f | 59 - 13 99 - 13 9540 | ilected g | (56- | 26) | |

. 1



| URS Corporation | |
|---------------------|--|
| NIVEDEC Work Assign | |

NYSDEC Work Assignment D003825-51

Site: 1st Avenue and East 90th Street

Site ID No. 2-31-008

Location: SG-01 in front of 340 East 90th Street

Date: 10/28/2003

Description: Setup of Geoprobe 661DT prior to performing direct-push borings for the installation of soil-gas conduits.



URS Corporation

NYSDEC Work Assignment D003825-51

Site: 1st Avenue and East 90th Street

Site ID No. 2-31-008

Location: SG-01 in front of 340 East 90th Street

Date: 10/28/2003

Description: Typical setup of Geoprobe 661DT performing direct-push borings for the installation of soil-gas conduits.



| URS Corporation | tion |
|------------------------|------|
|------------------------|------|

NYSDEC Work Assignment D003825-51

Site: 1st Avenue and East 90th Street Site ID No. 2-31-008

Location: SG-03 in front of 304 East 90th Street

Date: 10/28/2003

Description: Typical setup of Geoprobe 661DT performing direct-push borings for the installation of soil-gas conduits.



URS Corporation

NYSDEC Work Assignment D003825-51

Site: 1st Avenue and East 90th Street

Site ID No. 2-31-008

Location: SG-03 in front of 304 East 90th Street

Date: 10/28/2003

Description: Typical setup of Geoprobe 661DT performing direct-push borings for the installation of soil-gas conduits. Noted existing cracks in concrete sidewalks.



| URS Corpora | ation |
|---------------------|---|
| NYSDEC Wo | rk Assignment D003825-51 |
| Site: | 1st Avenue and East 90th Street |
| | Site ID No. 2-31-008 |
| Location: | SG-12 in front of 305 East 91st Street |
| Date: | 10/28/2003 |
| Description: | Thinness of concrete noted after drilling through sidewalk. |



| ation |
|---|
| rk Assignment D003825-51 |
| 1st Avenue and East 90th Street |
| Site ID No. 2-31-008 |
| SG-12 in front of 305 East 91st Street |
| 10/28/2003 |
| Noted existing cracks in sidewalk in work area. |
| |



| UKS Corpora | ation rk Accimment D002005 51 |
|--------------|---|
| NISDEC WO | rk Assignment D003825-51 |
| Site: | 1st Avenue and East 90th Street |
| | Site ID No. 2-31-008 |
| Location: | SG-15 in front of 1752 2nd Avenue |
| Date: | 10/28/2003 |
| Description: | Typical setup of Geoprobe 661DT performing direct-push borings for the installation of soil-gas conduits. |



| URS Corpo NYSDEC W | ration ork Assignment D003825-51 |
|-----------------------|---|
| Site: | 1st Avenue and East 90th Street |
| | Site ID No. 2-31-008 |
| Location: | SG-21 in front of 417 East 90th Street |
| Date: | 11/03/2003 |
| Description | . Neted eviction and he is side well is made an |

Description: Noted existing cracks in sidewalk in work area.



URS Corporation NYSDEC Work Assignment D003825-51 Site: 1st Avenue and East 90th Street Site ID No. 2-31-008 Description: Typical setup of sampling pump used to purge standing air from soil-gas conduits.



URS Corporation NYSDEC Work Assignment D003825-51 Site: 1st Avenue and East 90th Street Site ID No. 2-31-008 Description: Close up of connection to flow controller used in sampling soil-gas conduits.



URS Corporation NYSDEC Work Assignment D003825-51 Site: 1st Avenue and East 90th Street Site ID No. 2-31-008 Description: Typical setup of summa canister connection used to sample soil-gas conduits.

ATTACHMENT B

DATA USABILITY SUMMARY REPORT Including FORM Is

DATA USABILITY SUMMARY REPORT

1st AVENUE AND EAST 90th STREET SITE NO. 2-31-008 WORK ASSIGNMENT D003825-51

Analyses Performed by:

AIR TOXICS LTD.

Prepared by:

URS CORPORATION 640 ELLICOTT STREET BUFFALO, NY 14203

JANUARY 2004

N:\11173261.00000\WORD\1st Ave & E 90th St DUSR.doc

TABLE OF CONTENTS

Page No.

| I. | INTR | RODUCTION | 1 |
|------|------|--|---|
| II. | ANA | LYTICAL METHODOLOGIES | 1 |
| III. | DAT | A DELIVERABLE COMPLETENESS | 1 |
| IV. | PRES | SERVATION/HOLDING TIMES/SAMPLE RECEIPT | 2 |
| V. | QUA | LITY CONTROL DATA | 2 |
| | Α. | QC Blanks | 2 |
| | В. | Initial and Continuing Calibrations | 2 |
| VI. | SUM | MARY | 3 |

TABLES (Following Text)

| Table 1 | Sample and Analysis Summary |
|---------|-----------------------------------|
| Table 2 | Validated Soil Gas Sample Results |
| Table 3 | Validated Field QC Sample Results |

APPENDICES

Appendix A - Support Documentation

Appendix B - Validated Form I's

I. INTRODUCTION

This Data Usability Summary Report (DUSR) has been prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation *Guidance for the Development of Data Usability Summary Reports*, dated June 1999.

II. ANALYTICAL METHODOLOGIES

The data being evaluated is from the November 11-12, 2003 sampling of 24 soil gas samples, 2 field duplicates, 2 ambient blank samples, and 2 equipment field blanks (EB). The analytical laboratory that performed the analyses is Air Toxics, Ltd. (Folsom, CA). The samples were analyzed for volatile organic compounds (VOCs) following modified USEPA Compendium Method TO-14A, *Determination of VOCs in Ambient Air Using Specially Prepared Canisters With Subsequent Analysis By Gas Chromatography*. The method was modified by directly injecting a 40 milliliter (mL) sample aliquot into a gas chromatograph/mass spectrometer (GC/MS) system instead of a 400 mL sample aliquot concentrated in a cryogenically cooled trap. Consequently, the practical quantitation limit (PQL) is 10 times higher. Compounds detected above the method detection limit (MDL) but below the PQL (i.e., "J" values) have been reported. Table 1 summarizes the samples collected and the requested analytical parameters. The validated analytical results are presented in Table 2 and Table 3.

A limited data validation was performed following the guidelines in USEPA Region II *Validating Canisters of Volatile Organics in Ambient Air, Rev. 0*, April 1994. Qualifications applied to the data include "J/UJ" (estimated concentration/estimated quantitation limit) and "U" (not detected). Documentation supporting the qualification of data is presented in Appendix A. Copies of the validated laboratory results (i.e., Form I's) are presented in Appendix B. Only problems affecting data usability are discussed in this report.

III. DATA DELIVERABLE COMPLETENESS

The laboratory deliverable data packages were in accordance with NYSDEC Analytical Services Protocol (ASP) Category B requirements.

IV. PRESERVATION/HOLDING TIMES/SAMPLE RECEIPT

All samples were analyzed within the holding time.

V. QUALITY CONTROL DATA

A. <u>QC Blanks</u>

An EB and an ambient blank sample were collected for each day during the soil gas sampling events. The ambient blank is considered to be representative of background ambient air conditions. The ambient blank sample is similar to the EB, except that the ambient air was not collected through tubing. Rather, the valve on the collection canister was simply opened and ambient air drawn into the canister by way of the vacuum initially present in the canister. Results of the ambient blank samples have not been used to qualify the samples.

Toluene was detected in the EBs collected on 11/11/03 and 11/12/03. The following samples had detections for toluene at values that were below five times the level detected in the associated EB: SG-01, SG-03, SG-06, SG-09, SG-12, SG-13, and SG-25. The results for toluene in these samples have been qualified "U" at the detected value.

B. Initial and Continuing Calibrations

The percent difference (%D) between the initial calibration (ICAL) average relative response factor (RRF) and continuing calibration (CCAL) RRF exceeded 25% for 1,1,1-trichloroethane, carbon tetrachloride, and 1,2-dichloroethane in the CCAL standard analyzed on November 19, 2003. In accordance with USEPA Region II validation guidelines, the non-detect results for these compounds in samples SG-07, SG-08, SG-15, SG-18, SG-25, SG-26, Ambient 1, Ambient 2, Field Blank 1, and Field Blank 2 have been qualified as estimated (UJ).

Documentation supporting the qualification of data (i.e., Continuing Calibration Form 10A, run log) is presented in Appendix A.

VII. SUMMARY

All sample analyses were found to be compliant with the method criteria, except where previously noted. Those results qualified "UJ" (estimated reporting limit) are considered conditionally usable. Those results qualified "U" are considered non-detect. All other sample results are usable as reported. URS does not recommend the recollection of any samples at this time.

TABLE 1

SAMPLE AND ANALYSIS SUMMARY

1st AVENUE AND EAST 90th STREET

| Sample ID | Sample Date | VOCs (TO-14A) ¹ | Comments |
|------------------|-------------|-------------------------------|--------------------------|
| SOIL GAS SAMPLES | | | <u></u> |
| SG-01 | 11/11/03 | X | |
| SG-02 | 11/11/03 | Х | |
| SG-03 | 11/11/03 | X | |
| SG-04 | 11/11/03 | X | |
| SG-05 | 11/11/03 | X | |
| SG-06 | 11/11/03 | X | |
| SG-07 | 11/11/03 | X | |
| SG-08 | 11/11/03 | X | |
| SG-09 | 11/12/03 | X | |
| SG-10 | 11/12/03 | Х | |
| SG-11 | 11/12/03 | X | |
| SG-12 | 11/12/03 | X | |
| SG-13 | 11/12/03 | X | |
| SG-14 | 11/12/03 | X | |
| SG-15 | 11/12/03 | X | |
| SG-16 | 11/12/03 | X | |
| SG-17 | 11/12/03 | Х | |
| SG-18 | 11/11/03 | X | |
| SG-19 | 11/11/03 | X | |
| SG-20 | 11/12/03 | X | |
| SG-21 | 11/12/03 | X | |
| SG-22 | 11/12/03 | Х | |
| SG-23 | 11/12/03 | X | |
| SG-24 | 11/12/03 | X | |
| SG-25 | 11/11/03 | X | Field Duplicate of SG-01 |
| SG-26 | 11/12/03 | X | Field Duplicate of SG-22 |
| FIELD QC SAMPLES | | | |
| AMBIENT AIR 1 | 11/11/03 | Х | |
| AMBIENT AIR 2 | 11/12/03 | Х | |
| FIELD BLANK 1 | 11/11/03 | X | |
| FIELD BLANK 2 | 11/12/03 | X | |

X - Analysis required

1 - USEPA Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition, January 1997

| Location ID | | SG-01 | SG-01 | SG-02 | SG-03 | \$G-04 |
|--|-------|----------|-----------------------|----------|----------|----------|
| Sample ID | | SG-01 | SG-25 | SG-02 | SG-03 | SG-04 |
| Matrix | | Soll Gas | Soil Gas | Soll Gas | Soll Gas | Soli Gas |
| Depth Interval (ft) | | <u>ب</u> | - | - | - | - |
| Date Sampled | | 11/11/03 | 11/11/03 | 11/11/03 | 11/11/03 | 11/11/03 |
| Parameter | Units | | Field Duplicate (1-1) | | | |
| Volatile Organic Compounds | | | | | | |
| 1,1,1-Trichloroethane | PPBV | 13 U | 13 UJ | 12 U | 11 U | 12 U |
| 1,1,2,2-Tetrachloroethane | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| 1,1,2-Trichloroethane | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| 1,1-Dichloroethane | PPBV | 13 U | 13 U | 12 U | 11 Ų | 12 U |
| 1,1-Dichloroethene | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| 1,2,4-Trimethylbenzene | PPBV | 13 U | 13 U | 12 U | 11 U | 10 J |
| 1,2-Dibromoethane (Ethylene dibromide) | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| 1,2-Dichlorobenzene | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| 1,2-Dichloroethane | PPBV | 13 U | 13 UJ | 12 U | 11 U | 12 U |
| 1,2-Dichloroethene (cis) | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| 1,2-Dichloroethene (trans) | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| 1,2-Dichloropropane | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| 1,2-Dichlorotetrafluoroethane | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | PPBV | 13 U | 13 U | 12 U | 11 U | 4.5 J |
| 1,3-Dichlorobenzene | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| 1,4-Dichlorobenzene | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| 2-Propanol | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| Benzene | PPBV | 13 U | 13 U | 12 U | 11 U | 2.9 J |
| Bromomethane | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| Carbon tetrachloride | PPBV | 13 U | 13 ŲJ | 12 U | 11 U | 12 U |
| Chlorobenzene | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| Chloroethane | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. UJ - Not detected. The reported quantitation limit is an estimated value.

PPBV - Parts per billion by volume.

| Location ID | | SG-01 | SG-01 | SG-02 | SG-03 | SG-04 |
|----------------------------|-------|----------|-----------------------|----------|----------|----------|
| Sample ID | | SG-01 | SG-25 | SG-02 | SG-03 | SG-04 |
| Matrix | | Soil Gas | Soll Gas | Soll Gas | Soil Gas | Soil Gas |
| Depth Interval (ft) | | • | - | • | • | - |
| Date Sampled | | 11/11/03 | 11/11/03 | 11/11/03 | 11/11/03 | 11/11/03 |
| Parameter | Units | | Field Duplicate (1-1) | | | |
| Volatile Organic Compounds | | | | - · · | | |
| Chloroform | PPBV | 13 U | 13 U | 3.9 J | 11 U | 21 |
| Chloromethane | PP8V | 13 U | 13 U | 12 U | 11 U | 12 U |
| Dichlorodifluoromethane | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| Ethylbenzene | PPBV | 13 U | 13 U | 12 U | 11 U | 6.4 J |
| Methyl tert-butyl ether | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| Methylene chloride | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| Tetrachloroethene | PPBV | 13 U | 13 U | 12 U | 11 U | 7.1 J |
| Toluene | PPBV | 13 U | 13 U | 51 | 11 U | 28 |
| Trichloroethene | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| Trichlorofluoromethane | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| Vinyl chloride | PPBV | 13 U | 13 U | 12 U | 11 U | 12 U |
| Xylene (total) | PPBV | 13 U | 13 U | 4.2 J | 11 U | 41 |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. UJ - Not detected. The reported quantitation limit is an estimated value.

PPBV - Parts per billion by volume.

| Location ID | | SG-05 | SG-06 | SG-07 | SG-08 | SG-09 |
|--|-------|----------|----------|----------|----------|----------|
| Sample ID | | SG-05 | SG-06 | SG-07 | SG-08 | SG-09 |
| Matrix | | Soil Gas | Soil Gas | Soll Gas | Soil Gas | Soll Gas |
| Depth Interval (ft) | | • | | • | • | - |
| Date Sampled | | 11/11/03 | 11/11/03 | 11/11/03 | 11/11/03 | 11/12/03 |
| Parameter | Units | | | | | |
| Volatile Organic Compounds | | | | | | |
| 1,1,1-Trichloroethane | PPBV | 12 U | 12 U | 13 UJ | 13 UJ | 13 U |
| 1,1,2,2-Tetrachloroethane | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| 1,1,2-Trichloroethane | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| 1,1-Dichloroethane | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| 1,1-Dichloroethene | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| 1,2,4-Trimethylbenzene | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| 1,2-Dibromoethane (Ethylene dibromide) | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| 1,2-Dichlorobenzene | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| 1,2-Dichloroethane | PPBV | 12 U | 12 U | 13 UJ | 13 UJ | 13 U |
| 1,2-Dichloroethene (cis) | PPBV | 12 U | 12 U | 13 U | 13 U | _13 U |
| 1,2-Dichloroethene (trans) | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| 1,2-Dichloropropane | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| 1,2-Dichlorotetrafluoroethane | PP8V | 12 U | 12 U | 13 U | 13 U | 13 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| 1,3-Dichlorobenzene | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| 1,4-Dichlorobenzene | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| 2-Propanol | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| Benzene | PPBV | 12 U | 12 U | 16 | 13 U | 13 U |
| Bromomethane | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| Carbon tetrachloride | PPBV | 12 U | 12 U | 13 UJ | 13 UJ | 13 U |
| Chlorobenzene | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| Chloroethane | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. UJ - Not detected. The reported quantitation limit is an estimated value.

PPBV - Parts per billion by volume.

| Location ID | | SG-05 | SG-06 | SG-07 | SG-08 | SG-09 |
|----------------------------|-------|----------|----------|----------|----------|----------|
| Sample ID | | SG-05 | SG-06 | SG-07 | SG-08 | SG-09 |
| Matrix | | Soil Gas | Soll Gas | Soil Gas | Soil Gas | Soil Gas |
| Depth Interval (ft) | | - | - | - | • | • |
| Date Sampled | | 11/11/03 | 11/11/03 | 11/11/03 | 11/11/03 | 11/12/03 |
| Parameter | Units | | | | | |
| Volatile Organic Compounds | | | | | | |
| Chloroform | PPBV | 12 U | 12 Ų | 13 U | 4.8 J | 13 U |
| Chloromethane | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| Dichlorodifluoromethane | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| Ethylbenzene | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| Methyl tert-butyl ether | PPBV | 12 U | 66 | 13 U | 13 U | 13 U |
| Methylene chloride | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| Tetrachloroethene | PPBV | 6.7 J | 12 U | 33 | 34 | 13 U |
| Toluene | PPBV | 32 | 12 U | 87 | 180 | 13 U |
| Trichloroethene | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| Trichlorofluoromethane | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| Vinyl chloride | PPBV | 12 U | 12 U | 13 U | 13 U | 13 U |
| Xylene (total) | PPBV | 12 U | 12 U | 10 J | 13 U | 6.4 J |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. UJ - Not detected. The reported quantitation limit is an estimated value.

PPBV - Parts per billion by volume.

Made By: AMK 01/06/04 Checked By: GEK 01/06/04

N/11173261.00000\DB\Program\Program.Program.mde Printed: 1/18/04 1.34/349 PM |MATRIX] = 'GS'

| Location ID Sample ID Matrix | | SG-10 | SG-11 | SG-12 | SG-13 | SG-14 |
|--|-------|----------|----------|----------|----------|----------|
| | | SG-10 | \$G-11 | SG-12 | SG-13 | SG-14 |
| | | Soil Gas | Soll Gas | Soll Gas | Soll Gas | Soll Gas |
| Depth Interval (ft) | | • | • | • | • | - |
| Date Sampled | | 11/12/03 | 11/12/03 | 11/12/03 | 11/12/03 | 11/12/03 |
| Parameter | Units | | | | | |
| Volatile Organic Compounds | | | | | | |
| 1,1,1-Trichloroethane | PPBV | 13 U |
| 1,1,2,2-Tetrachloroethane | PPBV | 13 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | PPBV | 13 U |
| 1,1,2-Trichloroethane | PPBV | 13 U |
| 1,1-Dichloroethane | PPBV | 13 U |
| 1,1-Dichloroethene | PPBV | 13 U |
| 1,2,4-Trimethylbenzene | PPBV | 5.2 J | 13 U | 13 U | 13 U | 13 U |
| 1,2-Dibromoethane (Ethylene dibromide) | PPBV | 13 U |
| 1,2-Dichlorabenzene | PPBV | 13 U |
| 1,2-Dichloroethane | PPBV | 13 U |
| 1,2-Dichloroethene (cis) | PPBV | 13 U |
| 1,2-Dichloroethene (trans) | PPBV | 13 U |
| 1,2-Dichloropropane | PPBV | 13 U |
| 1,2-Dichlorotetrafluoroethane | PPBV | 13 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | PPBV_ | 3.7 J | 13 U | 13 U | 13 U | 13 U |
| 1,3-Dichlorobenzene | PPBV | 13 U |
| 1,4-Dichlorobenzene | PPBV | 13 U |
| 2-Propanol | PPBV | 13 U |
| Benzene | PPBV | 13 U |
| Bromomethane | PPBV | 13 U |
| Carbon tetrachloride | PPBV | 13 U |
| Chlorobenzene | PPBV | 13 U |
| Chloroethane | PPBV | 13 U |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. UJ - Not detected. The reported quantitation limit is an estimated value.

PPBV - Parts per billion by volume.

| Location ID | | SG-10 | SG-11 | \$G-12 | SG-13 | SG-14 |
|----------------------------|-------|----------|----------|----------|----------|----------|
| Sample ID | | SG-10 | SG-11 | \$G-12 | SG-13 | SG-14 |
| Matrix | | Soll Gas | Soll Gas | Soil Gas | Soll Gas | Soll Gas |
| Depth Interval (ft) | | • | • | - | - | |
| Date Sampled | | 11/12/03 | 11/12/03 | 11/12/03 | 11/12/03 | 11/12/03 |
| Parameter | Units | | | | | |
| Volatile Organic Compounds | | | | | | |
| Chloroform | PPBV | 3.4 J | 12 J | 4.2 J | 4.1 J | 13 U |
| Chloromethane | PPBV | 13 U |
| Dichlorodifluoromethane | PPBV | 13 U |
| Ethylbenzene | PPBV | 13 U | 13 Ų | 13 U | 13 U | 13 U |
| Methyl tert-butyl ether | PPBV | 13 U | 12 J | 13 U | 13 U | 13 U |
| Methylene chloride | PPBV | 13 U |
| Tetrachloroethene | PPBV | 13 U | 13 U | 13 U | 9.5 J | 13 U |
| Toluene | PPBV | 330 | 110 | 13 U | 13 U | 62 |
| Trichloroethene | PPBV | 13 U |
| Trichlorofluoromethane | PPBV | 13 U |
| Vinyl chloride | PPBV | 13 U |
| Xylene (total) | PPBV | 14.8 | 13 U | 13 U | 13 U | 13 U |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. UJ - Not detected. The reported quantitation limit is an estimated value.

PPBV - Parts per billion by volume.

| Location ID Sample ID Matrix | | SG-15 SG-15 | SG-16 SG-16 | SG-17 SG-17 | SG-18 SG-18 | SG-19 SG-19 |
|--|----------------|---------------------|----------------|----------------|----------------|----------------|
| | | | | | | |
| | | Depth Interval (ft) | | - | • | - |
| Date Sampled | - 7 | 11/12/03 | 11/12/03 | 11/12/03 | 11/11/03 | 11/11/03 |
| Parameter | Units | | | | | |
| Volatile Organic Compounds | | | | | | |
| 1,1,1-Trichloroethane | PPBV | 11 UJ | 13 U | 13 U | 13 UJ | 12 U |
| 1,1,2,2-Tetrachloroethane | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| 1,1,2-Trichloroethane | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| 1,1-Dichloroethane | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| 1,1-Dichloroethene | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| 1,2,4-Trimethylbenzene | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| 1,2-Dibromoethane (Ethylene dibromide) | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| 1,2-Dichlorobenzene | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| 1,2-Dichloroethane | PPBV | 11 UJ | 13 U | 13 U | 13 UJ | 12 U |
| 1,2-Dichloroethene (cis) | PP8V | 11 U | 13 U | 13 U | 13 U | 12 U |
| 1,2-Dichloroethene (trans) | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| 1,2-Dichloropropane | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| 1,2-Dichlorotetrafluoroethane | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| 1,3-Dichlorobenzene | PPBV | 11 U | 13 U | 13 U | 13 U | 12 Ų |
| 1,4-Dichlorobenzene | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| 2-Propanol | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| Benzene | PPBV | 11 U | 13 U | 13 U | 13 U | 3.4 J |
| Bromomethane | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| Carbon tetrachloride | PPBV | 11 UJ | 13 U | 13 U | 13 UJ | 12 U |
| Chlorobenzene | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| Chloroethane | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. UJ - Not detected. The reported quantitation limit is an estimated value.

PPBV - Parts per billion by volume.

,

| Location ID | | SG-15 | SG-16 | SG-17 | SG-18 | SG-19 |
|----------------------------|-------|----------|----------|----------|----------|----------|
| Sample ID | | SG-15 | SG-16 | SG-17 | SG-18 | SG-19 |
| Matrix | | Soil Gas | Soil Gas | Soll Gas | Soll Gas | Soll Gas |
| Depth Interval (ft) | | • | • | • | - | - |
| Date Sampled | | 11/12/03 | 11/12/03 | 11/12/03 | 11/11/03 | 11/11/03 |
| Parameter | Units | | | | | |
| Volatile Organic Compounds | | | | | | |
| Chloroform | PPBV | 3.6 J | 6.4 J | 28 | 13 U | 12 U |
| Chloromethane | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| Dichlorodifluoromethane | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| Ethylbenzene | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| Methyl tert-butyl ether | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| Methylene chloride | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| Tetrachloroethene | PPBV | 14 | 13 U | 13 U | 12 J | 12 U |
| Toluene | PPBV | 41 | 70 | 290 | 22 | 150 |
| Trichloroethene | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| Trichlorofluoromethane | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| Vinyl chloride | PPBV | 11 U | 13 U | 13 U | 13 U | 12 U |
| Xylene (total) | PPBV | 11 U | 4.9 J | 5.6 J | 13 U | 12 U |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. UJ - Not detected. The reported quantitation limit is an estimated value.

PPBV - Parts per billion by volume.

| Location ID Sample ID | | SG-20 SG-20 | SG-21 SG-21 | SG-22 SG-22 | SG-22 SG-28 | SG-23 SG-23 |
|--|-------|----------------|----------------|----------------|-----------------------|----------------|
| | | | | | | |
| Depth Interval (ft) | | - | - | - | • | • |
| Date Sampled | | 11/12/03 | 11/12/03 | 11/12/03 | 11/12/03 | 11/12/03 |
| Parameter | Units | | | | Field Duplicate (1-1) | |
| Volatile Organic Compounds | | | | | | |
| 1,1,1-Trichloroethane | PPBV | 13 U | 12 U | 19 U | 18 UJ | 12 U |
| 1,1,2,2-Tetrachloroethane | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| 1,1,2-Trichloroethane | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| 1,1-Dichloroethane | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| 1,1-Dichloroethene | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| 1,2,4-Trimethylbenzene | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| 1,2-Dibromoethane (Ethylene dibromide) | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| 1,2-Dichlorobenzene | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| 1,2-Dichloroethane | PPBV | 13 U | 12 U | 19 U | 18 UJ | 12 U |
| 1,2-Dichloroethene (cis) | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| 1,2-Dichloroethene (trans) | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| 1,2-Dichloropropane | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| 1,2-Dichlorotetrafluoroethane | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| 1,3-Dichlorobenzene | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| 1,4-Dichlorobenzene | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| 2-Propanol | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| Benzene | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| Bromomethane | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| Carbon tetrachloride | PPBV | 13 U | 12 U | 19 U | 18 UJ | 12 U |
| Chlorobenzene | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| Chloroethane | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. UJ - Not detected. The reported quantitation limit is an estimated value.

PPBV - Parts per billion by volume.

| Location ID | | \$G-20 | SG-21 | SG-22 | SG-22 | SG-23 |
|----------------------------|-------|----------|----------|----------|-----------------------|----------|
| Sample ID | | SG-20 | SG-21 | SG-22 | SG-26 | SG-23 |
| Matrix | | Soil Gas | Soil Gas | Soil Gas | Soil Gas | Soil Gas |
| Depth Interval (ft) | | - | - | - | • | - |
| Date Sampled | | 11/12/03 | 11/12/03 | 11/12/03 | 11/12/03 | 11/12/03 |
| Parameter | Units | | | | Field Duplicate (1-1) | |
| Volatile Organic Compounds | | | | | | |
| Chloroform | PPBV | 13 U | 9.2 J | 3.8 J | 18 U | 12 U |
| Chloromethane | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| Dichlorodifluoromethane | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| Ethylbenzene | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| Methyl tert-butyl ether | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| Methylene chloride | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| Tetrachloroethene | PPBV | 9.1 J | 64 | 12 J | 18 U | 12 U |
| Toluene | PPBV | 140 | 1,100 | 96 | 87 | 75 |
| Trichloroethene | PPBV | 13 U | 12 U | 24 | 8.5 J | 12 U |
| Trichlorofluoromethane | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| Vinyl chloride | PPBV | 13 U | 12 U | 19 U | 18 U | 12 U |
| Xylene (total) | PPBV | 8.3 J | 7.6 J | 19 U | 18 U | 12 U |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. UJ - Not detected. The reported quantitation limit is an estimated value.

PPBV - Parts per billion by volume.
TABLE 2 VALIDATED SOIL GAS SAMPLE RESULTS 1ST AVENUE AND EAST 90TH STREET

| Location ID | | SG-24 |
|--|-------|----------|
| Sample ID | | SG-24 |
| Matrix | | Soil Gas |
| Depth Interval (ft) | | - |
| Date Sampled | | 11/12/03 |
| Parameter | Units | |
| Volatile Organic Compounds | | |
| 1,1,1-Trichloroethane | PPBV | 12 U |
| 1,1,2,2-Tetrachloroethane | PPBV | 12 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | PPBV | 12 U |
| 1,1,2-Trichloroethane | PPBV | 12 U |
| 1,1-Dichloroethane | PPBV | 12 U |
| 1,1-Dichloroethene | PPBV | 12 U |
| 1,2,4-Trimethylbenzene | PPBV | 12 U |
| 1,2-Dibromoethane (Ethylene dibromide) | PPBV | 12 U |
| 1,2-Dichlorobenzene | PPBV | 12 U |
| 1,2-Dichloroethane | PPBV | 12 U |
| 1,2-Dichloroethene (cis) | PPBV | 12 U |
| 1,2-Dichloroethene (trans) | PPBV | 12 U |
| 1,2-Dichloropropane | PPBV | 12 U |
| 1,2-Dichlorotetrafluoroethane | PPBV | 12 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | PPBV | 12 U |
| 1,3-Dichlorobenzene | PPBV | 12 U |
| 1,4-Dichlorobenzene | PPBV | 12 U |
| 2-Propanol | PPBV | 12 U |
| Benzene | PPBV | 12 U |
| Bromomethane | PPBV | 12 U |
| Carbon tetrachloride | PPBV | 12 U |
| Chlorobenzene | PPBV | 12 U |
| Chloroethane | PPBV | 12 U |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. UJ - Not detected. The reported quantitation limit is an estimated value.

PPBV - Parts per billion by volume.

TABLE 2VALIDATED SOIL GAS SAMPLE RESULTS1ST AVENUE AND EAST 90TH STREET

| Location ID | | SG-24 |
|----------------------------|-------|----------|
| Sample ID | | SG-24 |
| Matrix | | Soil Gas |
| Depth Interval (ft) | | * |
| Date Sampled | | 11/12/03 |
| Parameter | Units | |
| Volatile Organic Compounds | | |
| Chloroform | PPBV | 12 U |
| Chloromethane | PP8V | 12 U |
| Dichlorodifluoromethane | PPBV | 12 U |
| Ethylbenzene | PPBV | 12 U |
| Methyl tert-butyl ether | PPBV | 12 U |
| Methylene chloride | PPBV | 12 U |
| Tetrachloroethene | PPBV | 12 U |
| Toluene | PPBV | 160 |
| Trichloroethene | PPBV | 12 U |
| Trichlorofluoromethane | PPBV | 12 U |
| Vinyl chloride | PPBV | 12 U |
| Xylene (total) | PPBV | 4.2 J |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. UJ - Not detected. The reported quantitation limit is an estimated value.

PPBV - Parts per billion by volume.

TABLE 3 VALIDATED FIELD QC SAMPLE RESULTS 1ST AVENUE AND EAST 90TH STREET

| | | EIEL DOC | EIEL DOC | FIELDOC | FIELDOC |
|--|-------|---------------------|-------------------|---------------------|-------------------|
| Location ID Sample ID | | Ambient 1 | Field Blank 1 | Amblent 2 | Field Blank 2 |
| Sample ID Matrix | | Gaseous OC Matrix | Gaseous QC Matrix | Gaseous QC Matrix | Gaseous QC Matrix |
| Depth Interval (ft) | - | | | | - |
| Date Sampled | | 11/11/03 | 11/11/03 | 11/12/03 | 11/12/03 |
| Parameter | Units | Ambient Blank (1-1) | Field Blank (1-1) | Ambient Blank (1-1) | Field Blank (1-1) |
| Volatile Organic Compounds | | | | <u> </u> | |
| 1,1,1-Trichloroethane | PPBV | 13 UJ | 13 UJ | 12 UJ | 13 UJ |
| 1,1,2,2-Tetrachloroethane | PPBV | 13 U | 13 U | 12 U | 13 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | PP8V | 13 U | 13 U | 12 U | 13 U |
| 1,1,2-Trichloroethane | PPBV | 13 U | 13 U | 12 U | 13 U |
| 1,1-Dichloroethane | PPBV | 13 U | 13 U | 12 U | 13 U |
| 1,1-Dichloroethene | PPBV | 13 U | 13 U | 12 U | 13 U |
| 1,2,4-Trimethylbenzene | PPBV | 13 U | 13 U | 12 U | 13 U |
| 1,2-Dibromoethane (Ethylene dibromide) | PPBV | 13 U | 13 U | 12 U | 13 U |
| 1,2-Dichlorobenzene | PPBV | 13 U | 13 U | 12 U | 13 U |
| 1,2-Dichloroethane | PPBV | 13 UJ | 13 UJ | 12 UJ | 13 UJ |
| 1,2-Dichloroethene (cis) | PPBV | 13 U | 13 U | 12 U | 13 U |
| 1,2-Dichloroethene (trans) | PPBV | 13 U | 13 U | 12 U | 13 U |
| 1,2-Dichloropropane | PPBV | 13 U | 13 U | 12 U | 13 U |
| 1,2-Dichlorotetrafluoroethane | PPBV | 13 U | 13 U | 12 U | 13 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | PPBV | 13 U | 13 U | 12 U | 13 U |
| 1,3-Dichlorobenzene | PPBV | 13 U | 13 U | 12 U | 13 U |
| 1,4-Dichlorobenzene | PPBV | 13 U | 13 U | 12 U | 13 U |
| 2-Propanol | PPBV | 13 U | 13 U | 12 U | 13 U |
| Benzene | PPBV | 13 U | 13 U | 12 U | 13 U |
| Bromomethane | PPBV | 13 U | 13 U | 12 U | 13 U |
| Carbon tetrachloride | PPBV | 13 UJ | 13 UJ | 12 UJ | 13 UJ |
| Chlorobenzene | PPBV | 13 U | 13 U | 12 U | 13 U |
| Chloroethane | PPBV | 13 U | 13 U | 12 U | 13 U |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. UJ - Not detected. The reported quantitation limit is an estimated value.

PPBV - Parts per billion by volume.

TABLE 3 VALIDATED FIELD QC SAMPLE RESULTS 1ST AVENUE AND EAST 90TH STREET

| Location ID | · | FIELDQC | FIELDQC | FIELDQC | FIELDQC |
|----------------------------|-------|---------------------|-------------------|---------------------|-------------------|
| Sample ID | | Amblent 1 | Field Blank 1 | Amblent 2 | Field Blank 2 |
| Matrix | - | Gaseous QC Matrix | Gaseous QC Matrix | Gaseous QC Matrix | Gaseous QC Matrix |
| Depth Interval (ft) | | • | • | - | - |
| Date Sampled | | 11/11/03 | 11/11/03 | 11/12/03 | 11/12/03 |
| Parameter | Units | Ambient Blank (1-1) | Field Blank (1-1) | Ambient Blank (1-1) | Field Blank (1-1) |
| Volatile Organic Compounds | | | | | |
| Chloroform | PPBV | 13 U | 13 U | 12 U | |
| Chloromethane | PPBV | 13 U | 13 U | 12 U | 13 U |
| Dichlorodifluoromethane | PPBV | 13 U | 13 U | 12 U | 13 U |
| Ethylbenzene | PPBV | 13 U | 13 U | 12 U | 13 U |
| Methyl tert-butyl ether | PPBV | 13 U | 13 U | 12 U | 13 Ų |
| Methylene chloride | PPBV | 13 U | 3.0 J | 12 U | 13 U |
| Tetrachloroethene | PPBV | 13 U | 13 U | 12 U | 13 U |
| Toluene | PPBV | 3.7 J | 3.8 J | 12 | 7.6 J |
| Trichloroethene | PPBV | 13 U | 13 U | 12 U | 13 U |
| Trichlorofluoromethane | PPBV | 13 U | 13 U | 12 U | 13 U |
| Vinyl chloride | PPBV | 13 U | 13 U | 12 U | 13 U |
| Xylene (total) | PPBV | 13 U | 13 U | 12 U | 13 U |

Flags assigned during chemistry validation are shown.

J - The reported concentration is an estimated value.

U - Not detected above the reported quantitation limit. UJ - Not detected. The reported quantitation limit is an estimated value.

PPBV - Parts per billion by volume.

DEFINITIONS OF USEPA REGION II DATA QUALIFIERS

- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
- R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

APPENDIX A

SUPPORT DOCUMENTATION

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice 180 indicates that sample is being shipped in computance FOLSOM. CA 95630-4719 Relinquishing suprative on this document indicates that sample is being shipped in computance FOLSOM. CA 95630-4719 with all applicable local. State, Federal, national, and international laws, regulations and (916) 305-1000 FAX: (916) 985-1020 ordinances of any kino. Air Toxics Limites assumes no field to make to the collection. Tendrag or shipping of these samples. Relinquishing signature also indeates agreement to the di tramless, defenc, and indemnify Air Toxies Limitee aga not any claim, demane, or actions of any kind, related to the collection, handling, or shipping of samples, D.O.T. Hethne (300) 467-4322

((

| \ | ify. | દગમાં મિલ્ઉ | / Vacuum | 6.5"H | Ч С Т | KS'Hr. | 7. j. j. | الر. جيد | 8044 | 9.0.4 | 9.0.6 | まった | Less H | | | | rdtèr.# | 274 | En 1538 24 JU |
|----------|---|---------------|--------------------|----------------------|---------------------|--------------------|---------------------|-------------------|-----------------------------|------------------------|-----------------------------|----------------------|---------------------|---|--------------------------|--------------------------------|-----------------------|--------------|---------------|
| rage. | urxd Time: Bl Speo | τ. | r Pressure | 7'49 | ેઠ | ሌ | 12 | 16 | 0 | 0 | ÷ | 2.5 | <i>ج</i> ر ک | | | | Went O | 0311 | |
| | Turn Aro Xvorm DRush | | Caniste Initial | 25" Ha | 39 | 5 20 20 | ح. رکر | 0 M | ن ب | 29.5 | 34 | 7 74 | 24 | • | | | ts Integra | Kenel | |
| • | 17 41007 1 0000 1 0040 | it Are. | | ۲ ا | | | | | | | | | | | | | Custody Sea | Yes No | |
| • | Project Info: P.O. # | ACL MAIN | ses Requested | Method To. | • | | | | | | | - | * | Notes: | | | Condition | (TOON) | |
| | <u>المرامية المحمة الم</u> | | Analy | E?A | | | | | | | | | | Time | 11 Prilos | Tima | r. Temp. ("C) | | |
| | 15.01 24:00 - City Jufferto State 0 - 20 1716 16.74 - 7 | | Date & Time | 1-1-23 /1208 - 122 5 | 5-27 -602)/(3-11-11 | 1-11-03/1111-11-11 | 2 221-111/ 80-11-11 | 47C1-166/20-01-11 | 00 Ha - 6441 (20 - 21 - 11 | sh1 - 14{1/{ covor-11. | Catt - + + (: (to - a1-1). | 1-16 - 63/1037- 1057 | 11-10-13/1534- 1056 | Received Byr (Signature) Duxo ーィスノッケーク の | Analyse By 15 grant 2000 | U Received Br. (Bighwaure, Dan | Aft Bill # Openieg By | 1761 3523 YR | |
| | erson Churk DU URS Cargora 640 Ellicutt St. | 3y: 8;2nalure | Field Sample J.D. | 50-07 | 50 th | 5615 | SG - IS | (710 Mainie 4.0) | 56-03 | 56-03 | < (۵ ^ل | <u> 5(r - 05</u> | 9035 | r is grant bare the | y: (S gnatur) Date Time | y: (S cnature) Detev Time | Shaper Name | FRANK KAN | |
| | Contact Pe Company - Address - | Collected E | tab 1.0.1 | OIA 1 | R B | 03A | O ⁴ A | CSA CSA | () (a, A | VLO VLO | V BO | CAX | 104 | Helling a sner By | Relinquished By | Relinquisnee By | | Lab Use | Cury |

*L*670

AIR TOXICS LTD. Releasing segurate on this document indicates that sample is being shipped in complanes. FOLSOM, CA 95630-4719 W. - all applicable local. Scate, Federal, national, and International laws, regulat are and (916) 985-1000 FAX; (916) 985-1020 AN FONDMENTAL LABORATORY OFFICENCES of any kind. Air Toxics Limited assumes no lability with respect to the collection.

handling or shipping of these somples. Relinquishing signature also indicates agreement to hold harm ess. defend, and indemnify Air Toxics Limited against any claim, demand, an action of any kind, related to the collection. handling, or shipping of samples. D.O.T. Acti ne (SDC) 467-4932 CHAIN-OF-CUSTODY RECORD

Page 1_ of 3

| Contact P | erson () NUCK DUSC | - No | | Project info: | Turn Aro | und Time: | |
|--------------------------------------|---|---|----------------------|--|---------------------|------------------|---------------------|
| Company Address Phone <u>(</u> | 111) 856 - 5636 | City Buffalo State | NY Z10 14203 2545 | Project # 111733 61.00001 Project Name 151 AVENUC + 9.0 th 54. | | Specify | |
| Collected | By: Signalure | | | • | AUN L | 1. 15-53 | |
| e o | Field Sample I.D. | Date & Time | Anahy | ses Requested | Canister Initial | Pressure / Final | Vacuum < Receipt |
| VIC. | 56-01 | 11-11-03 10940-1000 | EPA 1 | Method To-15 | 30° H a | \$"# 5 | C- 21 |
| 57Å | 56-02 | 11-11-03/6941-1001 | | | 30 | 9 | 5.04 |
| K | St-03 | 11-11-05/09#2-0457 | | | 34 | 5.3 | S. S. S. |
| J.F.V | 5004 | 11-11 - 03 /0945-1003 | | | 30 | ى | 6.5.11 |
| 14 | C/ 05 | 11-11-03 10944- 10044 | | | Un cl | و. د | 5.04 |
| | 5106 | 202) - 5462 - 50-11-11 | | | 30 | 1- | 5.50 |
| | CF - 09 | 11-12-03/0842-09ch | | | ה ה | 1.5 | 10 - H |
| | S(r - 10 | 2020-E720/20-T1-11 | | | 24 | 2 | 7,0%4 |
| No. | | 11-12-03 15844-0944 | | | 24 | 9 | 70.07 |
| | 56-12 | 2020-21020 - 21-11 | | * | 9 9 | ے ب | |
| Services Services | ay (Supremue): Date/Time W. W. Date/Time | Pecched By: (Sugramme, Date) C.C.(Peccehed By: (Sugramme) Catef D. 1.1. a.D. M. T.M. D. | ma 11/14/03 | Notas: | | | 2 |
| binquished | By Signature) Date:Time | Received Ey: (Signature) Datan | emi | | | , | |
| Léb | PEASX 19244 | 100 C255 H9t | | | | 3118 | ∠ 2 |
| NHO. | | | | | | | |

AIR TOXICS LTD. Reinquishing signature on the document indicates that manpine in heing shipped in compliance FOLSOM, CA 95630-4719 AN ENVIRONMENTAL ANALYTICAL LABORATORY profinances of any kine. An Tox es Limited assumes no lisolity with memory to the excitation (916) 935-1000 FAX: (916) 935-1020

CHAIN-OF-CUSTODY RECORD

hand ing or shipping of these samples. Relinquishing signature also no cates agreement to ho d hamless, defend, and incemulty Arr Toxics Limited against any claim, Jernand, or action of any kind, related to the collection, handling, or shipping of samples. 3.0.1. Not the R03) 467-4922

Page Z of Z

| Contact Per | BON CAUCH UUT | <u> </u> | | Project info: | | Tum Arou | nd Tine: | |
|-------------------|--|--|---------------------------------|--------------------------|------------|---------------------|---------------------|---------------------|
| Company – | URS Corporation | w Rillalo Sur | 17' iu.10 S | P.O. # Proioci # 1117 | 3261.0000 | Normal District | _ | |
| Phone 1 | 10) 850-563 6, | FAX (116) 854 - 2 | | Project Name _ | 15t Avenue | | Specif | |
| Collected B | MNN System | N (hurry | | | 40 te st. | Acen | 11- 21- حج | |
| de D | Field Sample I.D. | Date & Time | Analy | ses Requested | | Canister Initial | Pressure / Final | Vacuum ::Receipt |
| 114 | 56-13 | 11-12-03 /0846-090 | 日本 | METHOR | 70-15 | 30 H 4 | 8" HJ | 10.65 |
| 120 | 51-17 | 11-12-03 /0847-0907 | | | | 99 | \$ | 7.04 |
| 2.4 | 56-16 | 11-12-03/1109-1129 | | | | يە ب | د د | 6.0 M |
| | | 11-12-03 /110-1150 | | | | г т | r - | 6.0 15 |
| | <u> </u> | 1521-1121/20-11-11 | | | | 30 | ھ. کر ھ | 1 OITS |
| | 5/ 20 | 11-12-03/1212-1332 | | | | 5 | ઝે | יד ל |
| VT1 | 56-21 | 1-12-05/1118-1338 | | | | 50 | 5 | |
| 184 | 50-22 | 18-12-03/1319-1339 | | | | 5 | 14.5 | مۇ |
| 19A | 56-23 | 11-12-03/817-1337 | | | | یں ۔ مرد | ц ц | |
| ASA A | 56-24 | 11-12-05/1316-1336 | | * | | どれ | و | Nis s |
| Halling School By | Land Park are | Received Byr (Sigrature) Dater .C 7 / 15 0 0 | T T | Notes: | | | | |
| Aelinquished By | : Signature) Dale/Time | Actives Bys (Signature) Potent | AT 100 | <u>~</u> ~ | | | | |
| Relinquished By | : (Signature) Dala/Tinte | Alece ved By: (Signalun) Dater | i'rte I | | | | | |
| | THUN XJEAT | 164 352 mg | | (ruch | Ves No | None | 0311 | 2724 |
| ănă [| ······································ | and the second | t en transformation de material | | | | | idm 1293 rev. 28 |

(Q) AIR TOXICS LTD. MENTROMMENTAL ANALYTICAL LABORATORY

Sample Transportation Notice 183 SUITE B 183 BLUE RAVINE ROAD, SUITE B Religueating signature on this document indicates that sample is being shipped in compliance FOLSOM, CA 95830-4719 with all applicable ocat, State, Federal, national, and incontational laws, regulations and (216) 985-1000 FAX: (316) 985-1020 architemeses of any kind. Air Toxies Limited assumes no Bobling with respect to the colocition handlarg or shipping of there samples. Reinquishing signature also inductes agreement to hold harmless, defend, and indemnity Air Toxics Limited against any claim, demand, or action of any kind, related to the collection, handling, or shipping of samples, D.O.T. Hold ne (800) 467-4922 CHAIN-OF-CUSTODY RECORD

Page Z of Z

| Contact P | erson Chuck Dusc | | | Turn Aro | und Times | |
|------------------|---------------------------|---|--------------------------------------|--------------------|-----------------------|---------------------------------------|
| Company | WES CURPONATI | ow Bru Kuttalo State NZ ZD 142 | P.O. # 0.3 Project # 11172261-000 | D Norm | w | |
| | 116) 856-5636 E | XX (716) 556-2545 | Project Name 15+ Avc.4v | | Speci | |
| Collected | By:Signature | 1 mm | - 90 th SF. | | ب الديم | ~ |
| de C. | Field Sample I.D. | Date & Time | Analyses Requested | Caniste Iritial | r Pressure / Final | Vacuum Receipt |
| 24 A | 56-25 | 11-11-63/0446-1006 E71 | 4 Mcthed To-15 | 30 ' Ha | 8 # 11-9 | 4.5.3 |
| ACE | 56-26 | 11-12-03/1334-1359 | | 25 | 74.5 | 13.54 |
| 13.5A | Field Blank 1 | 11-11-03/1336-1340 | | 5 | 4 | 6 Oft |
| | TTELL BLANK 2 | 11-12-03/05+16-0906 | | 30 | 0 | 4.5.42 |
| AX AX | Ambicat 1 | 11-11-05 /1320-1340 | | 00 | 9 | 41.5-6 |
| Ante | Amblent 2 | 1-12-03/0250-0407 | ► | ŗ | 1 - | HO H |
| 2 | | - | | | 3 | 2: |
| • | | | | | | |
| | | | | | | · · · · · · · · · · · · · · · · · · · |
| | | | | | | |
| Periousney | 37 (Sprature): Date: Time | Received By: (Signature), CataTine 1 510 G | / / Notes: | | | |
| Rd 15.1isted | 3y (Signature) Date: Tipe | Reprinted By (383) 340 Part The II | 11400 1140 | | | |
| Rel 10 list col | 37 Signaturei DatorTrac | / Hoceined By: (Sectame: Date: The | | | | |
| : | Shipper Nartte | We Coerdd By Tenny ("C | Condition Custod | Seals Interik | | idér # |
| Lab Use | 下かく一変する | PARA 19 | | 6uon on | <u>y T T e N</u> | 1 2 2 |
| ζ ^Ξ Ο | | | | | | EG NOI BOOK HAVE |

| Instrument RunLog • Ma Tainel M Log Book # 822 [27] COMS Traine = Mare Collimate (387) (Confined from Previous Parts 1975] | In the [low Numerican Channel of the latent point point of the latent point of the latent point of the lat | 11/16/counter than 50% of mass 50 11/16/counter than 50% of mass 50 11/11/10 < | ния тиче свед литыя то на подати в должими жило како и подати и п | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | tiluine/~ en ou 7007 A A A Hox WIO- A HZ A A | Contraction Close Tar. The The Composition Contraction |
|---|--|--|--|---|---|--|--|---|
| astrument RunLog [on 1749 Air Tanis Lid Log Book #: 822 [120] GCMS Traine and Mass Calibration (BFB) [on 1749 k100 - 95. 33)/. [120] | Ref Ref Number of Charter Ref Ref Number of State 2013 - 40% of the base peak. 200.57% 2130 - 60% of the base peak. 200.57% 250 - 60% of the base peak. 200.57% 261 - 60% of the base peak. 100.00% 273 - 60% of the base peak. 100.00% 273 - 60% of the base peak. 100.00% 273 - 60% of the base peak. 100.00% 200 K (10.5% 10% (10% 0.7%) | 174 (Creater chans 985 of mass 955 - 358 - 5,2,-358 - 155, - 4448 couces - 155, - 4448 couces - 155, - 4448 couces - 155, - 9,0 - 155, - 9,0 - 156, - 156, - 157, | THE TUNE CREAT ARTIES TO THE PARTY AND STANDED AND THE TANK OF THE PARTY AND THE PARTY | V 03 974 77 01 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | V 050311283-014 33715 1500 2.44 01291 V 00 0311283-014 33715 1500 2.33 0917 V 00 031 1500 2.33 0917 V 01 -354 7.5 2.33 0917 V 01 -364 7.5 7.5 2.14 V 01 1500 3.14 1022 10 | V 07 -34 3400 100 100 100 100 100 100 100 100 100 | $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | Christen Christ. File II. 31119.03 Compare Childroffyrm Inite II. Marine Christ. File II. 31119.03 Compare Childroffyrm II. 2012 Marine Christen II. 2012 |

Data File: /chem/msd3.i/3-19nov.b/3111902.d Report Date: 19-Nov-2003 08:18

Air Toxics Ltd.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msd3.iInjection Date: 19-NOV-2003 07:56Analysis Type: AIRInit. Cal. Times: 11:11Lab Sample ID: 978-113-250ppbv Quant Type:ISTDMethod: /var/chem/msd3.i/3-19nov.b/to141023.m

| | | I | | MIN | | | MAX | I |
|------|-----------------------------|------------------|---------|--------|--------|---------|---------------|---------------------------------------|
| COMI | POUND | RRF / AMOUNT | RF250 | RRF | \%D / | *DRIFT | \$D / \$DRIFT | CURVE TYP |
| | | ================ | | ===== | ===== | ====== | | ===================================== |
| 2 | Dichlorodifluoromethane/Fr1 | 1.58802 | 1.65814 | 0.010 | -4 | .41548 | 30.00000 | Average |
| 4 | Freon 114 | 1.19163 | 1.34441 | 0.010 | -12 | .82101 | 30,00000 | Average |
| 7 | Chloromethane | 0,49189 | 0.53725 | 0.010 | -9 | .22247 | 30.00000 | Average |
| 10 | Vinyl Chloride | 0.52983 | 0.44303 | 0.010 | 16 | .38323 | 30.00000 | Average |
| 14 | Bromomethane | 0.33179 | 0.38108 | 0.010 | -14 | .85481 | 30.00000 | Average |
| 15 | Chloroethane | 0.22908 | 0.20579 | 0.010 | 10 | .16527 | 30.00000 | Average |
| 17 | Trichlorofluoromethane/Frl1 | 1.50466 | 1,69293 | 0.010 | -12 | .51221 | 30.00000 | Average |
| 23 | Freon 113 | 0.82665 | 0.94949 | 0.010 | -14 | .86029 | 30.00000 | Average |
| 24 | 1,1-Dichloroethene | 0.90305 | 0.92839 | 0.010 | 2 | .80630 | 30.00000 | Average |
| 25 | 2-Propanol | 0.80798 | 0.77978 | 0.010 | 3 | .49015 | 30.00000 | Average |
| 26 | Methylene Chloride | 0.57692 | 0,59348 | 0.010 | -2 | .88826 | 30.00000 | Average |
| 27 | MTBE | 0.72386 | 0.56819 | 0.010 | 21 | .50501 | 30.00000 | Average |
| 28 | trans-1,2-Dichloroethene | 0.64557 | 0.69074 | 0.010 | - 6 | 5.99616 | 30.00000 | Average |
| 30 | 1,1-Dichloroethane | 0.83783 | 0.87504 | 0.010 | -4 | .44112 | 30.0000 | Average |
| 31 | cis-1,2-Dichloroethene | 0.57326 | 0.61091 | 0.010 | -6 | 5.56676 | 30.0000 | Average |
| 32 | Chloroform | 0.83332 | 0.95940 | 0.010 | -15 | 5.13037 | 30.00000 | Average |
| 33 | 1,1,1-Trichloroethane | 0.77100 | 0.96952 | 0.010 | -25 | . 74775 | D 30.0000 | Average |
| 34 | Carbon Tetrachloride | 0.76088 | 0.97764 | 0.010 | (-28 | 3.48763 |) 30.0000 | Average |
| 35 | Benzene | 1.04528 | 1.06852 | 0.010 | -2 | 2.22287 | 30.0000 | Average |
| 36 | 1,2-Dichloroethane | 0,55256 | 0.71185 | 0.010 | 1 (-28 | 9.82733 | 1) 30.00000 |) Average |
| 38 | Trichloroethene | 0.42451 | 0,49312 | 0.010 | -16 | 5.16297 | 30.0000 | Average |
| 39 | 1,2-Dichloropropane | 0.37190 | 0.40085 | 0.010 | 1 -: | 7.78531 | 30,0000 | Average |
| 40 | Toluene-d8 | 0.83403 | 0.80768 | 0.010 | 1 3 | 3.15980 | 30.0000 | Average |
| 41 | Toluene | 1.15453 | 1.32924 | 0.010 | -19 | 5.13247 | 30.0000 |) Average |
| 42 | 1,1,2-Trichloroethane | 0.41428 | 0.48325 | 0.010 | -16 | 6.64640 | 30.0000 | Average |
| 43 | Tetrachloroethene | 0.44981 | 0.55153 | 0.010 | -23 | 2.61363 | 30.0000 |) Average |
| 44 | 1,2-Dibromoethane | 0,56307 | 0,64007 | 0.010 | -13 | 3.67544 | 30,0000 |) Average |
| 45 | Chlorobenzene | 0.76403 | 0.86934 | 0.010 | () -1: | 3.78385 | 30.0000 |) Average |
| 46 | Ethyl Benzene | 0.38815 | 0.45110 | 0.010 |) -10 | 6,21748 | 30.0000 |) Average |
| 47 | m,p-Xylene | 0.49491 | 0.60636 | 10.010 | o −2: | 2.51713 | 30.0000 |) Average |
| 48 | o-Xylene | 0.43714 | 0.43023 | 0.010 |) : | 1.58221 | 30.0000 |) Average |
| 49 | 1,1,2,2-Tetrachloroethane | 0,71033 | 0,67850 | 0.010 |) - | 4.48151 | . 30.0000 | Average |
| 50 | 1,3,5-Trimethylbenzene | 1.10105 | 1.23025 | 0.01 | -1 | 1.73425 | 30.0000 | 0 Average |
| 51 | 1,2,4-Trimethylbenzene | 1.12520 | 1,18003 | 0.01 |) - | 4.87233 | 30.0000 | 0 Average |
| 52 | 1,3-Dichlorobenzene | . 0.73304 | | 0.01 | | 4.33877 | 7 30.0000 | 0 Average |

Page 1

APPENDIX B

VALIDATED FORM I's



SAMPLE NAME: SG-01

ID#: 0311272AR1-01A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name: Dil. Factor: | 3111806 2.58 | | Date of Collection: Date of Analysis: 1 | 11/11/03 1/18/03 10:11 AM |
|----------------------------|----------------------|------------------|--|------------------------------|
| Compound | Rpt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) |
| Freen 12 | 13 | Not Detected | 65 | Not Detected |
| Freon 113 | 13 | Not Detected | 100 | Not Detected |
| Chloroform | 13 | Not Detected | 64 | Not Detected |
| 1.1.1-Trichloroethane | 13 | Not Detected | 72 | Not Detected |
| Carbon Tetrachloride | 13 | Not Detected | 82 | Not Detected |
| Trichloroethene | 13 | Not Detected | 70 | Not Detected |
| Tetrachloroethene | 13 | Not Detected | 89 | Not Detected |
| 1.1-Dichloroethene | 13 | Not Detected | 52 | Not Detected |
| trans-1.2-Dichloroethene | 13 | Not Detected | 52 | Not Detected |
| cis-1.2-Dichloroethene | 13 | Not Detected | 52 | Not Detected |
| Benzene | 13 | Not Detected | 42 | Not Detected |
| Toluene | 13 | ل کر10 | 49 | ال کار 38 |
| Ethyl Benzene | 13 | Not Detected | 57 | Not Détected |
| m.p-Xvlene | 13 | Not Detected | 57 | Not Detected |
| p-Xvlene | 13 | Not Detected | 57 | Not Detected |
| Vinvl Chloride | 13 | Not Detected | 34 | Not Detected |
| 1.1-Dichloroethane | 13 | Not Detected | 53 | Not Detected |
| Chlorobenzene | 13 | Not Detected | 60 | Not Detected |
| Methylene Chloride | 13 | Not Detected | 46 | Not Detected |
| Freon 11 | 13 | Not Detected | 74 | Not Detected |
| Chloromethane | 13 | Not Detected | 27 | Not Detected |
| 1,2-Dichloroethane | 13 | Not Detected | 53 | Not Detected |
| Freon 114 | 13 | Not Detected | 92 | Not Detected |
| Bromomethane | 13 | Not Detected | 51 | Not Detected |
| Chloroethane | 13 | Not Detected | 35 | Not Detected |
| 2-Propanol | 13 | Not Detected | 32 | Not Detected |
| Methyl tert-butyl ether | 13 | Not Detected | 47 | Not Detected |
| 1,2-Dichloropropane | 13 | Not Detected | 60 | Not Detected |
| 1,1,2-Trichloroethane | 13 | Not Detected | 72 | Not Detected |
| 1,3,5-Trimethylbenzene | 13 | Not Detected | 64 | Not Detected |
| 1.2.4-Trimethylbenzene | 13 | Not Detected | 64 | Not Detected |
| 1,3-Dichlorobenzene | 13 | Not Detected | 79 | Not Detected |
| 1.4-Dichlorobenzene | 13 | Not Detected | 79 | Not Detected |
| 1.2-Dichlorobenzene | 13 | Not Detected | 79 | Not Detected |
| 1,2-Dibromoethane (EDB) | 13 | Not Detected | 100 | Not Detected |
| 1,1,2,2-Tetrachloroethane | 13 | Not Detected | 90 | Not Detected |

J = Estimated value.



0007



SAMPLE NAME: SG-02

ID#: 0311272AR1-02A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name; Dil. Factor: | 3111807 *** 2.42 | | Date of Collection: 11/11/03 Date of Analysis: 11/18/03 10:39 AM | | |
|----------------------------|----------------------|------------------|---|-------------------|--|
| Compound | Rpt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) | |
| Freon 12 | 12 | Not Detected | 61 | Not Detected | |
| Freon 113 | 12 | Not Detected | 94 | Not Detected | |
| Chloroform | 12 | 3.9 J | 60 | 19 J | |
| 1.1.1-Trichloroethane | 12 | Not Detected | 67 | Not Detected | |
| Carbon Tetrachloride | 12 | Not Detected | 77 | Not Detected | |
| Trichloroethene | 12 | Not Detected | 66 | Not Detected | |
| Tetrachloroethene | 12 | Not Detected | 83 | Not Detected | |
| 1.1-Dichloroethene | 12 | Not Detected | 49 | Not Detected | |
| trans-1,2-Dichloroethene | 12 | Not Detected | 49 | Not Detected | |
| cis-1,2-Dichloroethene | 12 | Not Detected | 49 | Not Detected | |
| Benzene | 12 | Not Detected | 39 | Not Detected | |
| Toluene | 12 | 51 | 46 | 190 | |
| Ethvl Benzene | 12 | Not Detected | 53 | Not Detected | |
| m.p-Xvlene | 12 | 4.2 J | 53 | 18 J | |
| o-Xvlene | 12 | Not Detected | 53 | Not Detected | |
| Vinvl Chloride | 12 | Not Detected | 31 | Not Detected | |
| 1.1-Dichloroethane | 12 | Not Detected | 50 | Not Detected | |
| Chlorobenzene | 12 | Not Detected | 57 | Not Detected | |
| Methylene Chloride | 12 | Not Detected | 43 | Not Detected | |
| Freon 11 | 12 | Not Detected | 69 | Not Detected | |
| Chloromethane | 12 | Not Detected | 25 | Not Detected | |
| 1,2-Dichloroethane | 12 | Not Detected | 50 | Not Detected | |
| Freon 114 | 12 | Not Detected | 86 | Not Detected | |
| Bromomethane | 12 | Not Detected | 48 | Not Detected | |
| Chloroethane | 12 | Not Detected | 32 | Not Detected | |
| 2-Propanol | 12 | Not Detected | 30 | Not Detected | |
| Methyl tert-butyl ether | 12 | Not Detected | 44 | Not Detected | |
| 1,2-Dichloropropane | 12 | Not Detected | 57 | Not Detected | |
| 1,1,2-Trichloroethane | 12 | Not Detected | 67 | Not Detected | |
| 1,3,5-Trimethylbenzene | 12 | Not Detected | 60 | Not Detected | |
| 1,2,4-Trimethylbenzene | 12 | Not Detected | 60 | Not Detected | |
| 1,3-Dichlorobenzene | 12 | Not Detected | 74 | Not Detected | |
| 1,4-Dichlorobenzene | 12 | Not Detected | 74 | Not Detected | |
| 1,2-Dichlorobenzene | 12 | Not Detected | 74 | Not Detected | |
| 1,2-Dibromoethane (EDB) | 12 | Not Detected | 94 | Not Detected | |
| 1,1,2,2-Tetrachloroethane | 12 | Not Detected | 84 | Not Detected | |

J = Estimated value.

Container Type: 1 Liter Summa Canister



SAMPLE NAME: SG-03

ID#: 0311272AR1-03A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name: Dil. Factor: | | J8 Date of Collection: 11/11/03 20 Date of Analysis: 11/18/03 11:00 | | |
|----------------------------|----------------------|--|-----------------------|-------------------|
| Compound | Rpt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) |
| Ereon 12 | 11 | Not Detected | 55 | Not Detected |
| Freen 113 | 11 | Not Detected | 86 | Not Detected |
| Chloroform | 11 | Not Detected | 54 | Not Detected |
| 1 1 1-Trichloroethane | 11 | Not Detected | 61 | Not Detected |
| Carbon Tetrachloride | 11 | Not Detected | 70 | Not Detected |
| Trichloroethene | 11 | Not Detected | 60 | Not Detected |
| Tetrachloroethene | 11 | Not Detected | 76 | Not Detected |
| 1 1-Dichloroethene | 11 | Not Detected | 44 | Not Detected |
| trans-1.2-Dichloroethene | 11 | Not Detected | 44 | Not Detected |
| cis-1.2-Dichloroethene | 11 | Not Detected | 44 | Not Detected |
| Benzene | 11 | Not Detected | 36 | Not Detected |
| Toluene | 11 | 4.4 × U | 42 | ن کلر17 |
| Ethyl Benzene | 11 | Not Detected | 48 | Not Detected |
| m p-Xvlene | 11 | Not Detected | 48 | Not Detected |
| o-Xvlene | 11 | Not Detected | 48 | Not Detected |
| Vinyl Chloride | 11 | Not Detected | 28 | Not Detected |
| 1 1-Dichloroethane | 11 | Not Detected | 45 | Not Detected |
| Chlorobenzene | 11 | Not Detected | 51 | Not Detected |
| Methylene Chloride | 11 | Not Detected | 39 | Not Detected |
| Freon 11 | 11 | Not Detected | 63 | Not Detected |
| Chloromethane | 11 | Not Detected | 23 | Not Detected |
| 1.2-Dichloroethane | 11 | Not Detected | 45 | Not Detected |
| Freon 114 | 11 | Not Detected | 78 | Not Detected |
| Bromomethane | 11 | Not Detected | 43 | Not Detected |
| Chloroethane | 11 | Not Detected | | Not Detected |
| 2-Propanol | 11 | Not Detected | 27 | Not Detected |
| Methyl tert-butyl ether | 11 | Not Detected | 40 | Not Detected |
| 1.2-Dichloropropane | 11 | Not Detected | 52 | Not Detected |
| 1.1.2-Trichloroethane | 11 | Not Detected | 61 | Not Detected |
| 1.3.5-Trimethylbenzene | 11 | Not Detected | 55 | Not Detected |
| 1.2.4-Trimethylbenzene | 11 | Not Detected | 55 | Not Detected |
| 1.3-Dichlorobenzene | 11 | Not Detected | 67 | Not Detected |
| 1.4-Dichlorobenzene | 11 | Not Detected | 67 | Not Detected |
| 1.2-Dichlorobenzene | 11 | Not Detected | 67 | Not Detected |
| 1,2-Dibromoethane (EDB) | 11 | Not Detected | 86 | Not Detected |
| 1,1,2,2-Tetrachloroethane | 11 | Not Detected | 77 | Not Detected |

J = Estimated value.

Container Type: 1 Liter Summa Canister

A AB

0024

63 S S



SAMPLE NAME: SG-04

ID#: 0311272AR1-04A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name: Dil Factor: | 3111809 · 2,47 | D | ate of Collection: ate of Analysis: 1 | 11/11/03 1/18/03 11;32 AM |
|-------------------------------------|----------------------|------------------|--|------------------------------|
| Compound | Rpt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) |
| Ereon 12 | | Not Detected | 62 | Not Detected |
| Freen 113 | 12 | Not Detected | 96 | Not Detected |
| Chloroform | 12 | 21 | 61 | 100 |
| 1 1 1-Trichloroethane | 12 | Not Detected | 68 | Not Detected |
| Carbon Tetrachloride | 12 | Not Detected | 79 | Not Detected |
| Trichloroethene | 12 | Not Detected | 67 | Not Detected |
| Tetrachloroethene | 12 | 7.1 J | 85 | 49 J |
| 1 1-Dichloroethene | 12 | Not Detected | 50 | Not Detected |
| trans-1 2-Dichloroethene | 12 | Not Detected | 50 | Not Detected |
| cis_1.2-Dichloroethene | 12 | Not Detected | 50 | Not Detected |
| Benzone | 12 | 2.9 J | 40 | 9.3 J |
| | 12 | 28 | 47 | 110 |
| | 12 | 6.4 J | 54 | 28 J |
| | 12 | 26 | 54 | 120 |
| m,p-Aylene | 12 | 15 | 54 | 68 |
| | 12 | Not Detected | 32 | Not Detected |
| Vinyi Chionae | 12 | Not Detected | 51 | Not Detected |
| | 12 | Not Detected | 58 | Not Detected |
| Chlorobenzene Methylene Chloride | 12 | Not Detected | 44 | Not Detected |
| | 12 | Not Detected | 70 | Not Detected |
| Chlaromathana | 12 | Not Detected | 26 | Not Detected |
| 1.2 Dichloroothano | 12 | Not Detected | 51 | Not Detected |
| Freen 114 | 12 | Not Detected | 88 | Not Detected |
| Preventitie | 12 | Not Detected | 49 | Not Detected |
| Chloraothana | 12 | Not Detected | 33 | Not Detected |
| | 12 | Not Detected | 31 | Not Detected |
| 2-Propanol | 12 | Not Detected | 45 | Not Detected |
| Methyl tert-butyl ether | 12 | Not Detected | 58 | Not Detected |
| 1,2-Dichloropropane | 12 | Not Detected | 68 | Not Detected |
| 1,1,2-Trichloroethane | 12 | 4.5.1 | 62 | 23 J |
| 1,3,5-1 rimethylbenzene | 10 | 10.1 | 62 | 51 J |
| 1,2,4-Trimethylbenzene | 12 | Not Detected | 75 | Not Detected |
| 1,3-Dichlorobenzene | 12 | Not Detected | 75 | Not Detected |
| 1,4-Dichlorobenzene | 12 | Not Detected | 75 | Not Detected |
| 1,2-Dichlorobenzene | 12 | Not Detected | 96 | Not Detected |
| 1,2-Dibromoethane (EDB) | 12 | Not Detected | | Not Detected |
| 1,1,2,2-Tetrachloroethane | 12 | NOI Detected | 00 | |

J = Estimated value.



SAMPLE NAME: SG-05

ID#: 0311272AR1-05A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name: DII. Factor: | 3111810 Date of Collection: 11/11 2,42 Date of Analysis: 11/18/ | | | 11/11/03 1/18/03 11:58 AM |
|----------------------------|--|------------------|-----------------------|------------------------------|
| Compound | Rpt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) |
| Ereon 12 | 12 | Not Detected | 61 | Not Detected |
| Freon 113 | 12 | Not Detected | 94 | Not Detected |
| Chloroform | 12 | Not Detected | 60 | Not Detected |
| 1 1 1-Trichloroethane | 12 | Not Detected | 67 | Not Detected |
| Carbon Tetrachloride | 12 | Not Detected | 77 | Not Detected |
| Trichloroethene | 12 | Not Detected | 66 | Not Detected |
| Tetrachloroethene | 12 | 6.7 J | 83 | 46 J |
| 1 1-Dichloroethene | 12 | Not Detected | 49 | Not Detected |
| trans-1.2-Dichloroethene | 12 | Not Detected | 49 | Not Detected |
| cis-1.2-Dichloroethene | 12 | Not Detected | 49 | Not Detected |
| Benzene | 12 | Not Detected | 39 | Not Detected |
| Toluene | 12 | 32 | 46 | 120 |
| Fthyl Benzene | 12 | Not Detected | 53 | Not Detected |
| m.p-Xvlene | 12 | Not Detected | 53 | Not Detected |
| o-Xvlene | 12 | Not Detected | 53 | Not Detected |
| Vinyl Chloride | 12 | Not Detected | 31 | Not Detected |
| 1 1-Dichloroethane | 12 | Not Detected | 50 | Not Detected |
| Chlorobenzene | 12 | Not Detected | 57 | Not Detected |
| Methylene Chloride | 12 | Not Detected | 43 | Not Detected |
| Freon 11 | 12 | Not Detected | 69 | Not Detected |
| Chloromethane | 12 | Not Detected | 25 | Not Detected |
| 1.2-Dichloroethane | 12 | Not Detected | 50 | Not Detected |
| Freon 114 | 12 | Not Detected | 86 | Not Detected |
| Bromomethane | 12 | Not Detected | 48 | Not Detected |
| Chloroethane | 12 | Not Detected | 32 | Not Detected |
| 2-Propanol | 12 | Not Detected | 30 | Not Detected |
| Methyl tert-butyl ether | 12 | Not Detected | 44 | Not Detected |
| 1.2-Dichloropropane | 12 | Not Detected | 57 | Not Detected |
| 1.1.2-Trichloroethane | 12 | Not Detected | 67 | Not Detected |
| 1.3.5-Trimethylbenzene | 12 | Not Detected | 60 | Not Detected |
| 1.2.4-Trimethylbenzene | 12 | Not Detected | 60 | Not Detected |
| 1.3-Dichlorobenzene | 12 | Not Detected | 74 | Not Detected |
| 1.4-Dichlorobenzene | 12 | Not Detected | 74 | Not Detected |
| 1.2-Dichlorobenzene | 12 | Not Detected | 74 | Not Detected |
| 1.2-Dibromoethane (EDB) | 12 | Not Detected | 94 | Not Detected |
| 1,1,2,2-Tetrachloroethane | 12 | Not Detected | 84 | Not Detected |

J = Estimated value.

Container Type: 1 Liter Summa Canister

S10002242400-048812

1StAle.

SAMPLE NAME: SG-06

ID#: 0311272AR1-06A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name: Dil. Factor: | 3111811 Date of Collec 2.47 Date of Analys | | | ction: 11/11/03 ysis: 11/18/03 12:27 PM | |
|----------------------------|---|------------------|-----------------------|--|--|
| Compound | Røt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) | |
| Ereon 12 | 12 | Not Detected | 62 | Not Detected | |
| Freon 113 | 12 | Not Detected | 96 | Not Detected | |
| Chloroform | 12 | Not Detected | 61 | Not Detected | |
| 1 1 1-Trichloroethane | 12 | Not Detected | 68 | Not Detected | |
| Carbon Tetrachloride | 12 | Not Detected | 79 | Not Detected | |
| Trichloroethene | 12 | Not Detected | 67 | Not Detected | |
| Tetrachloroethene | 12 | Not Detected | 85 | Not Detected | |
| 1 1-Dichloroethene | 12 | Not Detected | 50 | Not Detected | |
| trans-1 2-Dichloroethene | 12 | Not Detected | 50 | Not Detected | |
| cis-1.2-Dichloroethene | 12 | Not Detected | 50 | Not Detected | |
| Benzene | 12 | Not Detected | 40 | Not Detected | |
| Toluene | 12 | 6.2,6 U | 47 | 24,10 | |
| Ethyl Benzene | 12 | Not Detected | 54 | Not Detected | |
| m p-Xylene | 12 | Not Detected | 54 | Not Detected | |
| o-Xvlene | 12 | Not Detected | 54 | Not Detected | |
| Vinyl Chloride | 12 | Not Detected | 32 | Not Detected | |
| 1 1-Dichloroethane | 12 | Not Detected | 51 | Not Detected | |
| Chlorobenzene | 12 | Not Detected | 58 | Not Detected | |
| Methylene Chloride | 12 | Not Detected | 44 | Not Detected | |
| Freon 11 | 12 | Not Detected | 70 | Not Detected | |
| Chloromethane | 12 | Not Detected | 26 | Not Detected | |
| 1.2-Dichloroethane | 12 | Not Detected | 51 | Not Detected | |
| Freon 114 | 12 | Not Detected | 88 | Not Detected | |
| Bromomethane | 12 | Not Detected | 49 | Not Detected | |
| Chloroethane | 12 | Not Detected | 33 | Not Detected | |
| 2-Propanol | 12 | Not Detected | 31 | Not Detected | |
| Methyl tert-butyl ether | 12 | 66 | 45 | 240 | |
| 1.2-Dichloropropane | 12 | Not Detected | 58 | Not Detected | |
| 1.1.2-Trichloroethane | 12 | Not Detected | 68 | Not Detected | |
| 1.3.5-Trimethylbenzene | 12 | Not Detected | 62 | Not Detected | |
| 1.2.4-Trimethylbenzene | 12 | Not Detected | 62 | Not Detected | |
| 1.3-Dichlorobenzene | 12 | Not Detected | 75 | Not Detected | |
| 1.4-Dichlorobenzene | 12 | Not Detected | 75 | Not Detected | |
| 1.2-Dichlorobenzene | 12 | Not Detected | 75 | Not Detected | |
| 1.2-Dibromoethane (EDB) | 12 | Not Detected | 96 | Not Detected | |
| 1,1,2,2-Tetrachloroethane | 12 | Not Detected | 86 | Not Detected | |

J = Estimated value.

Container Type: 1 Liter Summa Canister

چچ 0056

SAMPLE NAME: 1st Ave + 90th St SG-07

ID#: 0311274R1-01A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name: Dil. Factor: | 3111917 2.58 | Date Date | Date of Collection: 11/11/03 Date of Analysis: 11/19/03 04:01 PM | | |
|----------------------------|----------------------|------------------|---|-------------------|--|
| Compound | Rpt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) | |
| Ereon 12 | | Not Detected | 65 | Not Detected | |
| Freen 113 | 13 | Not Detected | 100 | Not Detected | |
| Chloroform | 13 | Not Detected | 64 | Not Detected | |
| 1 1 1-Trichloroethane | 13 | Not Detected | 72 | Not Detected | |
| Carbon Tetrachloride | 13 | Not Detected 5 | 82 | Not Detected | |
| Trichloroethene | 13 | Not Detected | 70 | Not Detected | |
| Tetrachloroethene | 13 | 33 | 89 | 230 | |
| 1 1-Dichloroethene | 13 | Not Detected | 52 | Not Detected | |
| trans-1 2-Dichloroethene | 13 | Not Detected | 52 | Not Detected | |
| cis-1 2-Dichloroethene | 13 | Not Detected | 52 | Not Detected | |
| Benzene | 13 | 16 | 42 | 51 | |
| Toluene | 13 | 87 | 49 | 330 | |
| Ethyl Benzene | 13 | Not Detected | 57 | Not Detected | |
| m p-Xylene | 13 | 10 J | 57 | 46 J | |
| o-Xvlene | 13 | Not Detected | 57 | Not Detected | |
| Vinyl Chloride | 13 | Not Detected | 34 | Not Detected | |
| 1 1-Dichloroethane | 13 | Not Detected | 53 | Not Detected | |
| Chlorobenzene | 13 | Not Detected | 60 | Not Detected | |
| Methylene Chloride | 13 | Not Detected | 46 | Not Detected | |
| Freon 11 | 13 | Not Detected | 74 | Not Detected | |
| Chloromethane | · 13 | Not Detected | 27 | Not Detected | |
| 1.2-Dichloroethane | 13 | Not Detected US | 53 | Not Detected | |
| Freon 114 | 13 | Not Detected | 92 | Not Detected | |
| Bromomethane | 13 | Not Detected | 51 | Not Detected | |
| Chloroethane | 13 | Not Detected | 35 | Not Detected | |
| 2-Propanol | 13 | Not Detected | 32 | Not Detected | |
| Methyl tert-butyl ether | 13 | Not Detected | 47 | Not Detected | |
| 1.2-Dichloropropane | 13 | Not Detected | 60 | Not Detected | |
| 1.1.2-Trichloroethane | 13 | Not Detected | 72 | Not Detected | |
| 1.3.5-Trimethylbenzene | 13 | Not Detected | 64 | Not Detected | |
| 1.2.4-Trimethylbenzene | 13 | Not Detected | 64 | Not Detected | |
| 1.3-Dichlorobenzene | 13 | Not Detected | 79 | Not Detected | |
| 1.4-Dichlorobenzene | 13 | Not Detected | 79 | Not Detected | |
| 1.2-Dichlorobenzene | 13 | Not Detected | 79 | Not Detected | |
| 1,2-Dibromoethane (EDB) | 13 | Not Detected | 100 | Not Detected | |
| 1.1.2.2-Tetrachloroethane | 13 | Not Detected | 90 | Not Detected | |

J = Estimated value.

Container Type: 1 Liter Silonite Canister



1ST AVENUE

SAMPLE NAME: SG-08 ID#: 0311274R1-02A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| Compound | Rpt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) |
|---------------------------------------|----------------------|------------------|-----------------------|-------------------|
| Ereon 12 | 13 | Not Detected | 68 | Not Detected |
| Freen 113 | 13 | Not Detected | 100 | Not Detected |
| Chloroform | 13 | 4.8 J | 67 | 24 J |
| 1.1.1.Trichloroethane | 13 | Not Detected US | 74 | Not Detected |
| Carbon Tetrachloride | 13 | Not Detected US | 86 | Not Detected |
| Trichloroethene | 13 | Not Detected | 73 | Not Detected |
| Tetrachloroethene | 13 | 34 | 93 | 230 |
| | 13 | Not Detected | 54 | Not Detected |
| trons 1.2 Dichloroethene | 13 | Not Detected | 54 | Not Detected |
| ais 1.2 Dichloroethene | 13 | Not Detected | 54 | Not Detected |
| | 13 | Not Detected | 44 | Not Detected |
| Teluene | 13 | 180 | 52 | 700 |
| Folderie Stevil Bonzone | 13 | Not Detected | 59 | Not Detected |
| | 13 | Not Detected | 59 | Not Detected |
| | 13 | Not Detected | 59 | Not Detected |
| Unul Oblarida | 13 | Not Detected | 35 | Not Detected |
| | 13 | Not Detected | 55 | Not Detected |
| | 13 | Not Detected | 63 | Not Detected |
| Chlorobenzene Methylone Chloride | 13 | Not Detected | 47 | Not Detected |
| Freen 11 | 13 | Not Detected | 77 | Not Detected |
| <u>Chieromethana</u> | 13 | Not Detected | 28 | Not Detected |
| | 13 | Not Detected | 55 | Not Detected |
| r,2-Dichoroemane | 13 | Not Detected | 96 | Not Detected |
| Freudi 114 Bromomothano | 13 | Not Detected | 53 | Not Detected |
| Chloroethane | 13 | Not Detected | 36 | Not Detected |
| | 13 | Not Detected | 34 | Not Detected |
| 2-Fropanoi Methyl tert butyl other | 13 | Not Detected | 49 | Not Detected |
| | 13 | Not Detected | 63 | Not Detected |
| 1.2-Dichloropropane | 13 | Not Detected | 74 | Not Detected |
| 1, 1,2-1 Inchioroethane | 13 | Not Detected | 67 | Not Detected |
| | 13 | Not Detected | 67 | Not Detected |
| 1,2,4-1 rimethylbenzene | 13 | Not Detected | 82 | Not Detected |
| 1,3-Dichlorobenzene | 13 | Not Detected | 82 | Not Detected |
| | 13 | Not Detected | 82 | Not Detected |
| | 13 | Not Detected | 100 | Not Detected |
| | 13 | Not Detected | 94 | Not Detected |
| 1, 1, 2, 2- Letrachioroethane | 19 | 1101 0 0100100 | | |

J = Estimated value.

Container Type: 1 Liter Silonite Canister



0029

1 St PALE.

SAMPLE NAME: SG-09

ID#: 0311272AR1-07A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name: Dil. Factor: | 3111812 2.64 | | Date of Collection: Date of Analysis: 1 | 11/12/03 1/18/03 12:57 PM |
|--|----------------------|------------------|--|------------------------------|
| Compound | Rpt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) |
| Ereon 12 | 13 | Not Detected | 66 | Not Detected |
| Freen 113 | 13 | Not Detected | 100 | Not Detected |
| Chloroform | 13 | Not Detected | 66 | Not Detected |
| 1.1.1-Trichloroethane | 13 | Not Detected | 73 | Not Detected |
| Carbon Tetrachloride | 13 | Not Detected | 84 | Not Detected |
| Trichloroethene | 13 | Not Detected | 72 | Not Detected |
| Tetrachloroethene | 13 | Not Detected | 91 | Not Detected |
| 1.1-Dichloroethene | 13 | Not Detected | 53 | Not Detected |
| trans-1.2-Dichloroethene | 13 | Not Detected | 53 | Not Detected |
| cis-1 2-Dichloroethene | 13 | Not Detected | 53 | Not Detected |
| Benzene | 13 | Not Detected | 43 | Not Detected |
| Toluene | 13 | 28 V | 50 | 110 V |
| Ethyl Benzene | 13 | Not Detected | 58 | Not Detected |
| m n-Xvlene | 13 | 6.4 J | 58 | 28 J |
| o-Xylene | 13 | Not Detected | 58 | Not Detected |
| Vinyl Chloride | 13 | Not Detected | 34 | Not Detected |
| 1 1-Dichloroethane | 13 | Not Detected | 54 | Not Detected |
| Chlorobenzene | 13 | Not Detected | 62 | Not Detected |
| Methylene Chloride | 13 | Not Detected | 47 | Not Detected |
| Ereon 11 | 13 | Not Detected | 75 | Not Detected |
| Chloromethane | 13 | Not Detected | 28 | Not Detected |
| 1.2-Dichloroethane | 13 | Not Detected | 54 | Not Detected |
| Freon 114 | 13 | Not Detected | 94 | Not Detected |
| Bromomethane | 13 | Not Detected | 52 | Not Detected |
| Chloroethane | 13 | Not Detected | 35 | Not Detected |
| 2-Propanol | 13 | Not Detected | 33 | Not Detected |
| Methyl tert-butyl ether | 13 | Not Detected | 48 | Not Detected |
| 1.2-Dichloropropage | 13 | Not Detected | 62 | Not Detected |
| 1 1 2-Trichloroethane | 13 | Not Detected | 73 | Not Detected |
| 1.3.5-Trimethylbenzene | 13 | Not Detected | 66 | Not Detected |
| 1.2.4-Trimethylbenzene | 13 | Not Detected | 66 | Not Detected |
| | 13 | Not Detected | 81 | Not Detected |
| 1.4 Dichlorobenzene | 13 | Not Detected | 81 | Not Detected |
| 1.2-Dichlorobenzone | 13 | Not Detected | 81 | Not Detected |
| 1.2-Dibromoethene (EDB) | 13 | Not Detected | 100 | Not Detected |
| 1 1 2 2-Tetrachloroethane | 13 | Not Detected | 92 | Not Detected |
| is the source of the second se | • = | | | |

J = Estimated value.

Container Type: 1 Liter Summa Canister

AL AND

Ter Are

SAMPLE NAME: SG-10

ID#: 0311272AR1-08A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| Compound | (ppby) | (nnby) | (uG/m3) | (uG/m3) |
|-------------------------------|--------|--------------|---------|--------------|
| Compound | (pppv) | | (=0) | Not Dotocted |
| Freon 12 | 13 | Not Detected | 100 | Not Detected |
| Freon 113 | 13 | Not Detected | 100 | |
| Chloroform | 13 | 3.4 J | 66 | 17 J |
| 1,1,1-Trichloroethane | 13 | Not Detected | 73 | Not Detected |
| Carbon Tetrachloride | 13 | Not Detected | 84 | Not Detected |
| Trichloroethene | 13 | Not Detected | 72 | Not Detected |
| Tetrachloroethene | 13 | Not Detected | 91 | Not Detected |
| 1,1-Dichloroethene | 13 | Not Detected | 53 | Not Detected |
| trans-1,2-Dichloroethene | 13 | Not Detected | 53 | Not Detected |
| cis-1,2-Dichloroethene | 13 | Not Detected | 53 | Not Detected |
| Benzene | 13 | Not Detected | 43 | Not Detected |
| Toluene | 13 | 330 | 50 | 1300 |
| Ethyl Benzene | 13 | Not Detected | 58 | Not Detected |
| m.p-Xvlene | 13 | 11 J | 58 | 48 J |
| o-Xvlene | 13 | 3.8 J | 58 | 17 J |
| Vinvl Chloride | 13 | Not Detected | 34 | Not Detected |
| 1 1-Dichloroethane | 13 | Not Detected | 54 | Not Detected |
| Chlorobenzene | 13 | Not Detected | 62 | Not Detected |
| Methylene Chloride | 13 | Not Detected | 47 | Not Detected |
| Freon 11 | 13 | Not Detected | 75 | Not Detected |
| Chloromethane | 13 | Not Detected | 28 | Not Detected |
| 1 2-Dichloroethane | 13 | Not Detected | 54 | Not Detected |
| Freon 114 | 13 | Not Detected | 94 | Not Detected |
| Bromomethane | 13 | Not Detected | 52 | Not Detected |
| Chloroethane | 13 | Not Detected | 35 | Not Detected |
| 2-Propanol | 13 | Not Detected | 33 | Not Detected |
| Methyl tert-butyl ether | 13 | Not Detected | 48 | Not Detected |
| 1 2-Dichloropropage | 13 | Not Detected | 62 | Not Detected |
| 1.1.2-Dichloroptopane | 13 | Not Detected | 73 | Not Detected |
| 1.3.5 Trimethylbanzana | 13 | 3.7 J | 66 | 18 J |
| | 13 | 5.2 J | 66 | 26 J |
| | 13 | Not Detected | 81 | Not Detected |
| 1.4 Dichlorobenzene | 13 | Not Detected | 81 | Not Detected |
| 1.2 Dichlershonzona | 13 | Not Detected | 81 | Not Detected |
| | 13 | Not Detected | 100 | Not Detected |
| 1,2-Dibiomoethane (EDB) | 13 | Not Detected | 92 | Not Detected |
| i, i, z, z-i etrachioroethane | 10 | | | |

J = Estimated value.



SAMPLE NAME: SG-11

ID#: 0311272AR1-09A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name: Dil. Factor: | 3111814 2:64 | 11/12/03 1/18/03 01:47 PM | | |
|----------------------------|----------------------|------------------------------|-----------------------|-------------------|
| Compound | Rpt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) |
| Ereon 12 | 13 | Not Detected | 66 | Not Detected |
| Freen 113 | 13 | Not Detected | 100 | Not Detected |
| Chloroform | 13 | 12 J | 66 | 59 J |
| 1 1 1-Trichloroethane | 13 | Not Detected | 73 | Not Detected |
| Carbon Tetrachloride | 13 | Not Detected | 84 | Not Detected |
| Trichloroethene | 13 | Not Detected | 72 | Not Detected |
| Tetrachloroethene | 13 | Not Detected | 91 | Not Detected |
| 1 1-Dichloroethene | 13 | Not Detected | 53 | Not Detected |
| trans-1 2-Dichloroethene | 13 | Not Detected | 53 | Not Detected |
| cis-1 2-Dichloroethene | 13 | Not Detected | 53 | Not Detected |
| Benzene | 13 | Not Detected | 43 | Not Detected |
| Toluene | 13 | 110 | 50 | 420 |
| Ethyl Benzene | 13 | Not Detected | 58 | Not Detected |
| m p-Xvlene | 13 | Not Detected | 58 | Not Detected |
| | 13 | Not Detected | 58 | Not Detected |
| Vinyl Chloride | 13 | Not Detected | 34 | Not Detected |
| 1 1-Dichloroethane | 13 | Not Detected | 54 | Not Detected |
| Chlorobenzene | 13 | Not Detected | 62 | Not Detected |
| Methylene Chloride | 13 | Not Detected | 47 | Not Detected |
| Freen 11 | 13 | Not Detected | 75 | Not Detected |
| Chloromethane | 13 | Not Detected | 28 | Not Detected |
| 1 2-Dichloroethane | 13 | Not Detected | 54 | Not Detected |
| Freon 114 | 13 | Not Detected | 94 | Not Detected |
| Bromomethane | 13 | Not Detected | 52 | Not Detected |
| Chloroethane | 13 | Not Detected | 35 | Not Detected |
| 2-Propagol | 13 | Not Detected | 33 | Not Detected |
| Methyl tert-butyl ether | 13 | 12 J | 48 | 42 J |
| 1 2-Dichloropropane | 13 | Not Detected | 62 | Not Detected |
| 1 1.2-Trichloroethane | 13 | Not Detected | 73 | Not Detected |
| 1.3.5-Trimethylbenzene | 13 | Not Detected | 66 | Not Detected |
| 1.2.4-Trimethylbenzene | 13 | Not Detected | 66 | Not Detected |
| 1.3-Dichlorobenzene | 13 | Not Detected | 81 | Not Detected |
| 1.4-Dichlorobenzene | 13 | Not Detected | 81 | Not Detected |
| 1.2-Dichlorobenzene | 13 | Not Detected | 81 | Not Detected |
| 1.2-Dibromoethane (EDB) | 13 | Not Detected | 100 | Not Detected |
| 1,1,2,2-Tetrachloroethane | 13 | Not Detected | 92 | Not Detected |

J = Estimated value.

Container Type: 1 Liter Summa Canister

2.8



SAMPLE NAME: SG-12

ID#: 0311272AR1-10A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name: Dil. Factor: | 3111815 2.69 | | late of Collection: rate of Analysis: 1 | 11/12/03 1/18/03 02:12 PM |
|----------------------------|----------------------|------------------|--|------------------------------|
| Compound | Rpt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) |
| Freon 12 | 13 | Not Detected | 68 | Not Detected |
| Freon 113 | 13 | Not Detected | 100 | Not Detected |
| Chloroform | 13 | 4.2 J | 67 | 21 J |
| 1.1.1-Trichloroethane | 13 | Not Detected | 74 | Not Detected |
| Carbon Tetrachloride | 13 | Not Detected | 86 | Not Detected |
| Trichloroethene | 13 | Not Detected | 73 | Not Detected |
| Tetrachloroethene | 13 | Not Detected | 93 | Not Detected |
| 1.1-Dichloroethene | 13 | Not Detected | 54 | Not Detected |
| trans-1,2-Dichloroethene | 13 | Not Detected | 54 | Not Detected |
| cis-1.2-Dichloroethene | 13 | Not Detected | 54 | Not Detected |
| Benzene | 13 | Not Detected | 44 | Not Detected |
| Toluene | 13 | 15 🕐 | 52 | 56 J |
| Ethyl Benzene | 13 | Not Detected | 59 | Not Detected |
| m.p-Xvlene | 13 | Not Detected | 59 | Not Detected |
| o-Xvlene | 13 | Not Detected | 59 | Not Detected |
| Vinvl Chloride | 13 | Not Detected | 35 | Not Detected |
| 1.1-Dichloroethane | 13 | Not Detected | 55 | Not Detected |
| Chlorobenzene | 13 | Not Detected | 63 | Not Detected |
| Methylene Chloride | 13 | Not Detected | 47 | Not Detected |
| Freon 11 | 13 | Not Detected | 77 | Not Detected |
| Chloromethane | 13 | Not Detected | 28 | Not Detected |
| 1,2-Dichloroethane | 13 | Not Detected | 55 | Not Detected |
| Freon 114 | 13 | Not Detected | 96 | Not Detected |
| Bromomethane | 13 | Not Detected | 53 | Not Detected |
| Chloroethane | 13 | Not Detected | 36 | Not Detected |
| 2-Propanol | 13 | Not Detected | 34 | Not Detected |
| Methyl tert-butyl ether | 13 | Not Detected | 49 | Not Detected |
| 1,2-Dichloropropane | 13 | Not Detected | 63 | Not Detected |
| 1,1,2-Trichloroethane | 13 | Not Detected | 74 | Not Detected |
| 1,3,5-Trimethylbenzene | 13 | Not Detected | | Not Detected |
| 1,2,4-Trimethylbenzene | 13 | Not Detected | 67 | Not Detected |
| 1,3-Dichlorobenzene | 13 | Not Detected | 82 | Not Detected |
| 1,4-Dichlorobenzene | 13 | Not Detected | 82 | Not Detected |
| 1,2-Dichlorobenzene | 13 | Not Detected | 82 | Not Detected |
| 1,2-Dibromoethane (EDB) | 13 | Not Detected | 100 | Not Detected |
| 1 1 2 2-Tetrachloroethane | 13 | Not Detected | 94 | Not Detected |

J = Estimated value.

1,1,2,2-Tetrachloroethane

0097



SAMPLE NAME: SG-13

ID#: 0311272AR1-11A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| Pile Name: Dil. Factor: | 3111816 2.64 | | Date of Collection: Date of Analysis: 1 | 11/12/03 1/18/03 02:38 PM |
|----------------------------|----------------------|------------------|--|------------------------------|
| Compound | Rpt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) |
| Freon 12 | 13 | Not Detected | 66 | Not Detected |
| Freen 113 | 13 | Not Detected | 100 | Not Detected |
| Chloroform | 13 | 4.1 J | 66 | 20 J |
| 1 1 1-Trichloroethane | 13 | Not Detected | 73 | Not Detected |
| Carbon Tetrachloride | 13 | Not Detected | 84 | Not Detected |
| Trichloroethene | 13 | Not Detected | 72 | Not Detected |
| Tetrachloroethene | 13 | 9.5 J | 91 | 66 J |
| 1.1-Dichloroethene | 13 | Not Detected | 53 | Not Detected |
| trans-1.2-Dichloroethene | 13 | Not Detected | 53 | Not Detected |
| cis-1.2-Dichloroethene | 13 | Not Detected | 53 | Not Detected |
| Benzene | 13 | Not Detected | 43 | Not Detected |
| Toluene | 13 | 22 V | 50 | 83 V |
| Ethyl Benzene | 13 | Not Detected | 58 | Not Detected |
| m.p-Xvlene | 13 | Not Detected | 58 | Not Detected |
| o-Xvlene | 13 | Not Detected | 58 | Not Detected |
| Vinvl Chloride | 13 | Not Detected | 34 | Not Detected |
| 1.1-Dichloroethane | 13 | Not Detected | 54 | Not Detected |
| Chlorobenzene | 13 | Not Detected | 62 | Not Detected |
| Methylene Chloride | 13 | Not Detected | 47 | Not Detected |
| Freon 11 | 13 | Not Detected | 75 | Not Detected |
| Chloromethane | 13 | Not Detected | 28 | Not Detected |
| 1.2-Dichloroethane | 13 | Not Detected | 54 | Not Detected |
| Freon 114 | 13 | Not Detected | 94 | Not Detected |
| Bromomethane | 13 | Not Detected | 52 | Not Detected |

13

13

13

13

13

13

13

Not Detected

| 1.3-Dichlorobenzene | 13 | Not Detected |
|---------------------------|----|--------------|
| 1.4-Dichlorobenzene | 13 | Not Detected |
| 1.2-Dichlorobenzene | 13 | Not Detected |
| 1.2-Dibromoethane (EDB) | 13 | Not Detected |
| 1,1,2,2-Tetrachloroethane | 13 | Not Detected |
| L - Entimated value | | |

J = Estimated value.

Chloroethane

Methyl tert-butyl ether

1,2-Dichloropropane

1,1,2-Trichloroethane

1,3,5-Trimethylbenzene

1,2,4-Trimethylbenzene

2-Propanol

Container Type: 1 Liter Summa Canister



35

33

48

62

73

66

66

81

81

81

100 92

Not Detected

15-ALE.

SAMPLE NAME: SG-14

ID#: 0311272AR1-12A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name; Dil. Factor; | 3111817 2.64 | | Date of Collection: Date of Analysis: 1 | 11/12/03 1/18/03 03:05 PM |
|----------------------------|----------------------|------------------|--|------------------------------|
| Compound | Rpt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) |
| Freen 12 | 13 | Not Detected | 66 | Not Detected |
| Freen 113 | 13 | Not Detected | 100 | Not Detected |
| Chloroform | 13 | Not Detected | 66 | Not Detected |
| 1 1 1-Trichloroethane | 13 | Not Detected | 73 | Not Detected |
| Carbon Tetrachloride | 13 | Not Detected | 84 | Not Detected |
| Trichloroethene | 13 | Not Detected | 72 | Not Detected |
| Tetrachloroethene | 13 | Not Detected | 91 | Not Detected |
| 1.1-Dichloroethene | 13 | Not Detected | 53 | Not Detected |
| trans-1,2-Dichloroethene | 13 | Not Detected | 53 | Not Detected |
| cis-1.2-Dichloroethene | 13 | Not Detected | 53 | Not Detected |
| Benzene | 13 | Not Detected | 43 | Not Detected |
| Toluene | 13 | 62 | 50 | 240 |
| Ethyl Benzene | 13 | Not Detected | 58 | Not Detected |
| m.p-Xvlene | 13 | Not Detected | 58 | Not Detected |
| o-Xvlene | 13 | Not Detected | 58 | Not Detected |
| Vinvl Chloride | 13 | Not Detected | 34 | Not Detected |
| 1.1-Dichloroethane | 13 | Not Detected | 54 | Not Detected |
| Chlorobenzene | 13 | Not Detected | 62 | Not Detected |
| Methylene Chloride | 13 | Not Detected | 47 | Not Detected |
| Freon 11 | 13 | Not Detected | 75 | Not Detected |
| Chloromethane | 13 | Not Detected | 28 | Not Detected |
| 1,2-Dichloroethane | 13 | Not Detected | 54 | Not Detected |
| Freon 114 | 13 | Not Detected | 94 | Not Detected |
| Bromomethane | 13 | Not Detected | 52 | Not Detected |
| Chloroethane | 13 | Not Detected | 35 | Not Detected |
| 2-Propanol | 13 | Not Detected | 33 | Not Detected |
| Methyl tert-butyl ether | 13 | Not Detected | 48 | Not Detected |
| 1,2-Dichloropropane | 13 | Not Detected | 62 | Not Detected |
| 1,1,2-Trichloroethane | 13 | Not Detected | 73 | Not Detected |
| 1,3,5-Trimethylbenzene | 13 | Not Detected | 66 | Not Detected |
| 1,2,4-Trimethylbenzene | 13 | Not Detected | 66 | Not Detected |
| 1,3-Dichlorobenzene | 13 | Not Detected | 81 | Not Detected |
| 1,4-Dichlorobenzene | 13 | Not Detected | 81 | Not Detected |
| 1,2-Dichlorobenzene | 13 | Not Detected | 81 | Not Detected |
| 1,2-Dibromoethane (EDB) | 13 | Not Detected | 100 | Not Detected |
| 1,1,2,2-Tetrachloroethane | 13 | Not Detected | 92 | Not Detected |

1St Frence

SAMPLE NAME: SG-15

ID#: 0311274R1-03A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name: Dil. Factor: | 3111919 2.13 | Date Date | ate of Collection: 11/12/03 ate of Analysis: 11/19/03 04:52 PM | | |
|----------------------------|----------------------|------------------|---|-------------------|--|
| Compound | Rpt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) | |
| Ereon 12 | 11 | Not Detected | 54 | Not Detected | |
| Freen 113 | 11 | Not Detected | 83 | Not Detected | |
| Chloroform | 11 | 3.6 J | 53 | 18 J | |
| 1 1 1-Trichloroethane | 11 | Not Detected 5 | 59 | Not Detected | |
| Carbon Tetrachloride | 11 | Not Detected | 68 | Not Detected | |
| Trichlorgethene | 11 | Not Detected | 58 | Not Detected | |
| Tetrachloroethene | 11 | 14 | 73 | 94 | |
| 1 1-Dichloroethene | 11 | Not Detected | 43 | Not Detected | |
| trans-1.2-Dichloroethene | 11 | Not Detected | 43 | Not Detected | |
| cis-1.2-Dichloroethene | 11 | Not Detected | 43 | Not Detected | |
| Benzene | 11 | Not Detected | 34 | Not Detected | |
| Toluene | 11 | 41 ' | 41 | 160 | |
| Ethyl Benzene | 11 | Not Detected | 47 | Not Detected | |
| m p-Xvlene | 11 | Not Detected | 47 | Not Detected | |
| o-Xvlene | 11 | Not Detected | 47 | Not Detected | |
| Vinyl Chloride | 11 | Not Detected | 28 | Not Detected | |
| 1.1-Dichloroethane | 11 | Not Detected | 44 | Not Detected | |
| Chlorobenzene | 11 | Not Detected | 50 | Not Detected | |
| Methylene Chloride | 11 | Not Detected | 38 | Not Detected | |
| Freon 11 | 11 | Not Detected | 61 | Not Detected | |
| Chloromethane | 11 | Not Detected | 22 | Not Detected | |
| 1.2-Dichloroethane | 11 | Not Detected ひら | 44 | Not Detected | |
| Freon 114 | 11 | Not Detected | 76 | Not Detected | |
| Bromomethane | 11 | Not Detected | 42 | Not Detected | |
| Chloroethane | 11 | Not Detected | 28 | Not Detected | |
| 2-Propanol | 11 | Not Detected | 27 | Not Detected | |
| Methyl tert-butyl ether | 11 | Not Detected | 39 | Not Detected | |
| 1.2-Dichloropropane | 11 | Not Detected | 50 | Not Detected | |
| 1.1.2-Trichloroethane | 11 | Not Detected | 59 | Not Detected | |
| 1.3.5-Trimethylbenzene | 11 | Not Detected | 53 | Not Detected | |
| 1.2,4-Trimethylbenzene | 11 | Not Detected | 53 | Not Detected | |
| 1.3-Dichlorobenzene | 11 | Not Detected | 65 | Not Detected | |
| 1.4-Dichlorobenzene | 11 | Not Detected | 65 | Not Detected | |
| 1.2-Dichlorobenzene | 1 1 | Not Detected | 65 | Not Detected | |
| 1,2-Dibromoethane (EDB) | 11 | Not Detected | 83 | Not Detected | |
| 1,1,2,2-Tetrachloroethane | 11 | Not Detected | 74 | Not Detected | |

J = Estimated value.





SAMPLE NAME: SG-16

ID#: 0311272AR1-13A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name: Dii, Factor: | 3111818 2.53 | | Date of Collection: 11/12/03 Date of Analysis: 11/18/03 03:36 PM - | | |
|----------------------------|----------------------|------------------|---|-------------------|--|
| Compound | Rot. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) | |
| Ereon 12 | 13 | Not Detected | 64 | Not Detected | |
| Freon 113 | 13 | Not Detected | 98 | Not Detected | |
| Chloroform | 13 | 6.4 J | 63 | 32 J | |
| 1 1 1-Trichloroethane | 13 | Not Detected | 70 | Not Detected | |
| Carbon Tetrachloride | 13 | Not Detected | 81 | Not Detected | |
| Trichloroethene | 13 | Not Detected | 69 | Not Detected | |
| Tetrachloroethene | 13 | Not Detected | 87 | Not Detected | |
| 1 1-Dichloroethene | 13 | Not Detected | 51 | Not Detected | |
| trans-1.2-Dichloroethene | 13 | Not Detected | 51 | Not Detected | |
| cis-1.2-Dichloroethene | 13 | Not Detected | 51 | Not Detected | |
| Benzene | 13 | Not Detected | 41 | Not Detected | |
| Toluene | 13 | 70 | 48 | 270 | |
| Ethyl Benzene | 13 | Not Detected | 56 | Not Detected | |
| m p-Xylene | 13 | 4.9 J | 56 | 22 J | |
| o-Xvlene | 13 | Not Detected | 56 | Not Detected | |
| Vinyl Chloride | 13 | Not Detected | 33 | Not Detected | |
| 1 1-Dichloroethane | 13 | Not Detected | 52 | Not Detected | |
| Chlorobenzene | 13 | Not Detected | 59 | Not Detected | |
| Methylene Chloride | 13 | Not Detected | 45 | Not Detected | |
| Freen 11 | 13 | Not Detected | 72 | Not Detected | |
| Chloromethane | 13 | Not Detected | 26 | Not Detected | |
| 1.2-Dichloroethane | 13 | Not Detected | 52 | Not Detected | |
| Freon 114 | 13 | Not Detected | 90 | Not Detected | |
| Bromomethane | 13 | Not Detected | 50 | Not Detected | |
| Chloroethane | 13 | Not Detected | 34 | Not Detected | |
| 2-Propanol | 13 | Not Detected | 32 | Not Detected | |
| Methyl tert-butyl ether | 13 | Not Detected | 46 | Not Detected | |
| 1 2-Dichloropropane | 13 | Not Detected | 59 | Not Detected | |
| 1 1.2-Trichloroethane | 13 | Not Detected | 70 | Not Detected | |
| 1 3.5-Trimethylbenzene | 13 | Not Detected | 63 | Not Detected | |
| 1.2.4-Trimethylbenzene | 13 | Not Detected | 63 | Not Detected | |
| 1.3-Dichlorobenzene | 13 | Not Detected | 77 | Not Detected | |
| 1.4-Dichlorobenzene | 13 | Not Detected | 77 | Not Detected | |
| 1.2-Dichlorobenzene | 13 | Not Detected | 77 | Not Detected | |
| 1.2-Dibromoethane (EDB) | 13 | Not Detected | 99 | Not Detected | |
| 1,1,2,2-Tetrachloroethane | 13 | Not Detected | 88 | Not Detected | |

J = Estimated value.

and the second second second



SAMPLE NAME: SG-17

ID#: 0311272AR1-14A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name: Dili Factor: | 3111819 2.53 | | ate of Collection: ate of Analysis: 1 | 11/12/03 1/18/03:04:01 PM |
|----------------------------|-----------------|------------------|--|------------------------------|
| Compound | Rot. Limit | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) |
| Eroon 12 | 13 | Not Detected | 64 | Not Detected |
| Freen 113 | 13 | Not Detected | 98 | Not Detected |
| Chloroform | 13 | 28 | 63 | 140 |
| 1 1 1-Trichloroethane | 13 | Not Detected | 70 | Not Detected |
| Carbon Tetrachloride | 13 | Not Detected | 81 | Not Detected |
| Trichloroethene | 13 | Not Detected | 69 | Not Detected |
| Tetrachloroethene | 13 | Not Detected | 87 | Not Detected |
| 1 1-Dichloroethene | 13 | Not Detected | 51 | Not Detected |
| trans-1 2-Dichloroethene | 13 | Not Detected | 51 | Not Detected |
| cis-1.2-Dichloroethene | 13 | Not Detected | 51 | Not Detected |
| Renzene | 13 | Not Detected | 41 | Not Detected |
| Toluene | 13 | 290 | 48 | 1100 |
| Fthyl Benzene | 13 | Not Detected | 56 | Not Detected |
| m p-Xylene | 13 | 5.6 J | 56 | 25 J |
| o-Xvlene | 13 | Not Detected | 56 | Not Detected |
| Vinyl Chloride | 13 | Not Detected | 33 | Not Detected |
| 1 1-Dichloroethane | 13 | Not Detected | 52 | Not Detected |
| Chlorobenzene | 13 | Not Detected | 59 | Not Detected |
| Methylene Chloride | 13 | Not Detected | 45 | Not Detected |
| Freon 11 | 13 | Not Detected | 72 | Not Detected |
| Chloromethane | 13 | Not Detected | 26 | Not Detected |
| 1.2-Dichloroethane | 13 | Not Detected | 52 | Not Detected |
| Freon 114 | 13 | Not Detected | 90 | Not Detected |
| Bromomethane | 13 | Not Detected | 50 | Not Detected |
| Chloroethane | 13 | Not Detected | 34 | Not Detected |
| 2-Propanol | 13 | Not Detected | 32 | Not Detected |
| Methyl tert-butyl ether | 13 | Not Detected | 46 | Not Detected |
| 1.2-Dichloropropane | 13 | Not Detected | 59 | Not Detected |
| 1.1.2-Trichloroethane | 13 | Not Detected | 70 | Not Detected |
| 1.3.5-Trimethylbenzene | 13 | Not Detected | 63 | Not Detected |
| 1.2.4-Trimethylbenzene | 13 | Not Detected | 63 | Not Detected |
| 1.3-Dichlorobenzene | 13 | Not Detected | 77 | Not Detected |
| 1,4-Dichlorobenzene | 13 | Not Detected | 77 | Not Detected |
| 1.2-Dichlorobenzene | 13 | Not Detected | 77 | Not Detected |
| 1.2-Dibromoethane (EDB) | 13 | Not Detected | 99 | Not Detected |
| 1,1,2,2-Tetrachloroethane | 13 | Not Detected | 88 | Not Detected |

J = Estimated value.

1St AVENUE

SAMPLE NAME: SG-18

ID#: 0311274R1-04A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| Rpt. Limit | Amount | Rpt. Limit | Amount |
|--------------------|--------|-----------------------|----------------|
| File Name: 3111920 | | Date of Collection: 1 | 1/11/03 |
| Dil. Factori 2.69 | | Date of Analysis: 11 | 19/03 05:26 PM |

| Compound | (ppbv) | (ppbv) | (uG/m3) | (uG/m3) |
|---------------------------|--------|-----------------|---------|--------------|
| Freon 12 | 13 | Not Detected | 68 | Not Detected |
| Freen 113 | 13 | Not Detected | 100 | Not Detected |
| Chloroform | 13 | Not Detected | 67 | Not Detected |
| 1 1 1-Trichloroethane | 13 | Not Detected US | 74 | Not Detected |
| Carbon Tetrachloride | 13 | Not Detected | 86 | Not Detected |
| Trichloroethene | 13 | Not Detected | 73 | Not Detected |
| Tetrachloroethene | 13 | 12 J | 93 | 82 J |
| 1 1-Dichloroethene | 13 | Not Detected | 54 | Not Detected |
| trans-1.2-Dichloroethene | 13 | Not Detected | 54 | Not Detected |
| cis-1.2-Dichloroethene | 13 | Not Detected | 54 | Not Detected |
| Benzene | 13 | Not Detected | 44 | Not Detected |
| Toluene | 13 | 22 | 52 | 85 |
| Ethvi Benzene | 13 | Not Detected | 59 | Not Detected |
| m.p-Xvlene | 13 | Not Detected | 59 | Not Detected |
| o-Xvlene | 13 | Not Detected | 59 | Not Detected |
| Vinyl Chloride | 13 | Not Detected | 35 | Not Detected |
| 1 1-Dichloroethane | 13 | Not Detected | 55 | Not Detected |
| Chlorobenzene | 13 | Not Detected | 63 | Not Detected |
| Methylene Chloride | 13 | Not Detected | 47 | Not Detected |
| Freon 11 | 13 | Not Detected | 77 | Not Detected |
| Chloromethane | 13 | Not Detected | 28 | Not Detected |
| 1.2-Dichloroethane | 13 | Not Detected 05 | 55 | Not Detected |
| Freon 114 | 13 | Not Detected | 96 | Not Detected |
| Bromomethane | 13 | Not Detected | 53 | Not Detected |
| Chloroethane | 13 | Not Detected | 36 | Not Detected |
| 2-Propanol | 13 | Not Detected | 34 | Not Detected |
| Methyl tert-butyl ether | 13 | Not Detected | 49 | Not Detected |
| 1.2-Dichloropropane | 13 | Not Detected | 63 | Not Detected |
| 1.1.2-Trichloroethane | 13 | Not Detected | 74 | Not Detected |
| 1.3.5-Trimethylbenzene | 13 | Not Detected | 67 | Not Detected |
| 1 2 4-Trimethylbenzene | 13 | Not Detected | 67 | Not Detected |
| 1 3-Dichlorobenzene | 13 | Not Detected | 82 | Not Detected |
| 1.4-Dichlorobenzene | 13 | Not Detected | 82 | Not Detected |
| 1.2-Dichlorobenzene | 13 | Not Detected | 82 | Not Detected |
| 1.2-Dibromoethane (EDB) | 13 | Not Detected | 100 | Not Detected |
| 1,1,2,2-Tetrachloroethane | 13 | Not Detected | 94 | Not Detected |

J = Estimated value.

Container Type: 1 Liter Silonite Canister





SAMPLE NAME: SG-19

ID#: 0311272AR1-15A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name: Dil. Factor: | 3111821 2.42 | | Date of Collection: Date of Analysis: 1 | 11/11/03 1/18/03 05:04 PM |
|----------------------------|----------------------|------------------|--|------------------------------|
| Compound | Rpt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) |
| | 12 | Not Detected | 61 | Not Detected |
| Freen 113 | 12 | Not Detected | 94 | Not Detected |
| Chloroform | 12 | Not Detected | 60 | Not Detected |
| 1 1 1-Trichloroethane | 12 | Not Detected | 67 | Not Detected |
| Carbon Tetrachloride | 12 | Not Detected | 77 | Not Detected |
| Trichloroethene | 12 | Not Detected | 66 | Not Detected |
| Tetrachloroethene | 12 | Not Detected | 83 | Not Detected |
| 1 1-Dichloroethene | 12 | Not Detected | 49 | Not Detected |
| trans-1 2-Dichloroethene | 12 | Not Detected | 49 | Not Detected |
| cis-1 2-Dichloroethene | 12 | Not Detected | 49 | Not Detected |
| Benzene | 12 | 3.4 J | 39 | 11 J |
| Toluene | 12 | 150 | 46 | 590 |
| Ethyl Benzene | 12 | Not Detected | 53 | Not Detected |
| m n-Xylene | 12 | Not Detected | 53 | Not Detected |
| o-Xvlene | 12 | Not Detected | 53 | Not Detected |
| Vinyl Chloride | 12 | Not Detected | 31 | Not Detected |
| 1 1-Dichloroethane | 12 | Not Detected | 50 | Not Detected |
| Chlorobenzene | 12 | Not Detected | 57 | Not Detected |
| Methylene Chloride | 12 | Not Detected | 43 | Not Detected |
| Freon 11 | 12 | Not Detected | 69 | Not Detected |
| Chloromethane | 12 | Not Detected | 25 | Not Detected |
| 1.2-Dichloroethane | 12 | Not Detected | 50 | Not Detected |
| Freon 114 | 12 | Not Detected | 86 | Not Detected |
| Bromomethane | · 12 | Not Detected | 48 | Not Detected |
| Chloroethane | 12 | Not Detected | 32 | Not Detected |
| 2-Propanol | 12 | Not Detected | 30 | Not Detected |
| Methyl tert-butyl ether | 12 | Not Detected | 44 | Not Detected |
| 1.2-Dichloropropane | 12 | Not Detected | 57 | Not Detected |
| 1.1.2-Trichloroethane | 12 | Not Detected | 67 | Not Detected |
| 1.3.5-Trimethylbenzene | 12 | Not Detected | 60 | Not Detected |
| 1.2.4-Trimethylbenzene | 12 | Not Detected | 60 | Not Detected |
| 1 3-Dichlorobenzene | 12 | Not Detected | 74 | Not Detected |
| 1.4-Dichlorobenzene | 12 | Not Detected | 74 | Not Detected |
| 1.2-Dichlorobenzene | 12 | Not Detected | 74 | Not Detected |
| 1.2-Dibromoethane (EDB) | 12 | Not Detected | 94 | Not Detected |
| 1,1,2,2-Tetrachloroethane | 12 | Not Detected | 84 | Not Detected |

J = Estimated value.

Container Type: 1 Liter Summa Canister

13t Ale.

SAMPLE NAME: SG-20

ID#: 0311272AR1-16A

| MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS | | | | | |
|--|----------------------|------------------|-----------------------|-------------------|--|
| File Name: 3111822 Date of Collection: 11/12/03 Dil. Factor: 2.69 Date of Analysis: 11/18/03 06:32 PM | | | | | |
| Compound | Rpt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) | |
| Freon 12 | 13 | Not Detected | 68 | Not Detected | |
| Freon 113 | 13 | Not Detected | 100 | Not Detected | |
| Chloroform | 13 | Not Detected | 67 | Not Detected | |
| 1,1,1-Trichloroethane | 13 | Not Detected | 74 | Not Detected | |
| Carbon Tetrachloride | 13 | Not Detected | 86 | Not Detected | |
| Trichloroethene | 13 | Not Detected | 73 | Not Detected | |
| Tetrachloroethene | 13 | 9.1 J | 93 | 63 J | |
| 1,1-Dichloroethene | 13 | Not Detected | 54 | Not Detected | |
| trans-1,2-Dichloroethene | 13 | Not Detected | 54 | Not Detected | |
| cis-1,2-Dichloroethene | 13 | Not Detected | 54 | Not Detected | |
| Benzene | 13 | Not Detected | 44 | Not Detected | |
| Toluene | 13 | 140 | 52 | 520 | |
| Ethyl Benzene | 13 | Not Detected | 59 | Not Detected | |
| m,p-Xylene | 13 | 8.3 J | 59 | 36 J | |
| o-Xylene | 13 | Not Detected | 59 | Not Detected | |
| Vinvl Chloride | 13 | Not Detected | 35 | Not Detected | |
| 1.1-Dichloroethane | 13 | Not Detected | 55 | Not Detected | |
| Chlorobenzene | 13 | Not Detected | 63 | Not Detected | |
| Methylene Chloride | 13 | Not Detected | 47 | Not Detected | |
| Freon 11 | 13 | Not Detected | 77 | Not Detected | |
| Chloromethane | 13 | Not Detected | 28 | Not Detected | |
| 1,2-Dichloroethane | 13 | Not Detected | 55 | Not Detected | |
| Freon 114 | 13 | Not Detected | 96 | Not Detected | |
| Bromomethane | 13 | Not Detected | 53 | Not Detected | |
| Chloroethane | 13 | Not Detected | 36 | Not Detected | |
| 2-Propanol | 13 | Not Detected | 34 | Not Detected | |
| Methyl tert-butyl ether | 13 | Not Detected | 49 | Not Detected | |
| 1,2-Dichloropropane | 13 | Not Detected | 63 | Not Detected | |
| 1,1,2-Trichloroethane | 13 | Not Detected | 74 | Not Detected | |
| 1,3,5-Trimethylbenzene | 13 | Not Detected | 67 | Not Detected | |
| 1,2,4-Trimethylbenzene | 13 | Not Detected | 67 | Not Detected | |
| 1,3-Dichlorobenzene | 13 | Not Detected | 82 | Not Detected | |

J = Estimated value.

1,4-Dichlorobenzene

1,2-Dichlorobenzene

1,2-Dibromoethane (EDB)

1,1,2,2-Tetrachloroethane

Container Type: 1 Liter Summa Canister

Not Detected

Not Detected

Not Detected

Not Detected

13

13

13

13

Not Detected

Not Detected

Not Detected

Not Detected

82

82

100



SAMPLE NAME: SG-21

ID#: 0311272AR1-17A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

Date of Collection: 11/12/03 File Name: 3111823 Date of Analysis: 11/18/03 06:57 PM 2.42 Dil. Factor: **Rpt. Limit** Amount Amount **Rpt. Limit** (uG/m3) (uG/m3) (ppbv) Compound (ppbv)

| Freon 12 | 12 | Not Detected | 61 | Not Detected |
|--|----|--------------|----|--------------|
| Freon 113 | 12 | Not Detected | 94 | Not Detected |
| Chloroform | 12 | 9.2 J | 60 | 46 J |
| 1,1,1-Trichloroethane | 12 | Not Detected | 67 | Not Detected |
| Carbon Tetrachloride | 12 | Not Detected | 77 | Not Detected |
| Trichloroethene | 12 | Not Detected | 66 | Not Detected |
| Tetrachloroethene | 12 | 64 | 83 | 440 |
| 1.1-Dichloroethene | 12 | Not Detected | 49 | Not Detected |
| trans-1,2-Dichloroethene | 12 | Not Detected | 49 | Not Detected |
| cis-1,2-Dichloroethene | 12 | Not Detected | 49 | Not Detected |
| Benzene | 12 | Not Detected | 39 | Not Detected |
| Toluene | 12 | 1100 | 46 | 4100 |
| Ethvi Benzene | 12 | Not Detected | 53 | Not Detected |
| m.p-Xvlene | 12 | 7.6 J | 53 | 33 J |
| o-Xvlene | 12 | Not Detected | 53 | Not Detected |
| Vinyl Chloride | 12 | Not Detected | 31 | Not Detected |
| 1.1-Dichloroethane | 12 | Not Detected | 50 | Not Detected |
| Chlorobenzene | 12 | Not Detected | 57 | Not Detected |
| Methylene Chloride | 12 | Not Detected | 43 | Not Detected |
| Freon 11 | 12 | Not Detected | 69 | Not Detected |
| Chloromethane | 12 | Not Detected | 25 | Not Detected |
| 1.2-Dichloroethane | 12 | Not Detected | 50 | Not Detected |
| Freon 114 | 12 | Not Detected | 86 | Not Detected |
| Bromomethane | 12 | Not Detected | 48 | Not Detected |
| Chloroethane | 12 | Not Detected | 32 | Not Detected |
| 2-Propanol | 12 | Not Detected | 30 | Not Detected |
| Methyl tert-butyl ether | 12 | Not Detected | 44 | Not Detected |
| 1.2-Dichloropropane | 12 | Not Detected | 57 | Not Detected |
| 1 1.2-Trichloroethane | 12 | Not Detected | 67 | Not Detected |
| 1 3 5-Trimethylbenzene | 12 | Not Detected | 60 | Not Detected |
| 1 2 4-Trimethylbenzene | 12 | Not Detected | 60 | Not Detected |
| 1.3-Dichlorobenzene | 12 | Not Detected | 74 | Not Detected |
| 1 4-Dichlorobenzene | 12 | Not Detected | 74 | Not Detected |
| 1 2-Dichlorobenzene | 12 | Not Detected | 74 | Not Detected |
| 1 2-Dibromoethane (EDB) | 12 | Not Detected | 94 | Not Detected |
| 1.1.2.2-Tetrachloroethane | 12 | Not Detected | 84 | Not Detected |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | |

J = Estimated value.



SAMPLE NAME: SG-22

ID#: 0311272AR1-18A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name: Dil. Factor: | 3111824 3.79 | | Date of Collection: Date of Analysis: 1 | 11/12/03 1/18/03 07:22 PM |
|----------------------------|-----------------|--------------|--|------------------------------|
| | Rpt. Limit | Amount | Rpt. Limit | Amount |
| Compound | (ppbv) | (ppbv) | (uG/m3) | (uG/m3) |
| Freon 12 | 19 | Not Detected | 95 | Not Detected |
| Freon 113 | 19 | Not Detected | 150 | Not Detected |
| Chloroform | 19 | 3.8 J | 94 | 19 J |
| 1,1,1-Trichloroethane | 19 | Not Detected | 100 | Not Detected |
| Carbon Tetrachloride | 19 | Not Detected | 120 | Not Detected |
| Trichloroethene | 19 | 24 | 100 | 130 |
| Tetrachloroethene | 19 | 12 J | 130 | 82 J |
| 1,1-Dichloroethene | 19 | Not Detected | 76 | Not Detected |
| trans-1,2-Dichloroethene | 1 9 | Not Detected | 76 | Not Detected |
| cis-1,2-Dichloroethene | 19 | Not Detected | 76 | Not Detected |
| Benzene | 19 | Not Detected | 62 | Not Detected |
| Toluene | 19 | 96 | 72 | 370 |
| Ethyl Benzene | 19 | Not Detected | 84 | Not Detected |
| m,p-Xylene | 19 | Not Detected | 84 | Not Detected |
| o-Xylene | 19 | Not Detected | 84 | Not Detected |
| Vinyl Chloride | 19 | Not Detected | 49 | Not Detected |
| 1,1-Dichloroethane | 19 | Not Detected | 78 | Not Detected |
| Chlorobenzene | 19 | Not Detected | 89 | Not Detected |
| Methylene Chloride | 19 | Not Detected | 67 | Not Detected |
| Freon 11 | 19 | Not Detected | 110 | Not Detected |
| Chloromethane | 19 | Not Detected | 40 | Not Detected |
| 1,2-Dichloroethane | 19 | Not Detected | 78 | Not Detected |
| Freon 114 | 19 | Not Detected | 130 | Not Detected |
| Bromomethane | 19 | Not Detected | 75 | Not Detected |
| Chloroethane | 19 | Not Detected | 51 | Not Detected |
| 2-Propanol | 19 | Not Detected | 47 | Not Detected |
| Methyl tert-butyl ether | 19 | Not Detected | 69 | Not Detected |
| 1,2-Dichloropropane | 19 | Not Detected | 89 | Not Detected |
| 1,1,2-Trichloroethane | 19 | Not Detected | 100 | Not Detected |
| 1,3,5-Trimethylbenzene | 19 | Not Detected | 95 | Not Detected |
| 1,2,4-Trimethylbenzene | 19 | Not Detected | 95 | Not Detected |
| 1.3-Dichlorobenzene | 19 | Not Detected | 120 | Not Detected |
| 1,4-Dichlorobenzene | 19 | Not Detected | 120 | Not Detected |
| 1,2-Dichlorobenzene | 19 | Not Detected | 120 | Not Detected |
| 1,2-Dibromoethane (EDB) | 19 | Not Detected | 150 | Not Detected |
| 1,1,2,2-Tetrachloroethane | 19 | Not Detected | 130 | Not Detected |

J = Estimated value.

Container Type: 1 Liter Summa Canister

195+ Flue.

AIR TOXICS LTD.

SAMPLE NAME: SG-23

ID#: 0311272AR1-19A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name: | 3111825 2:42 | | Date of Collection: 11/12/03 Date of Analysis: 11/18/03 07:51 PM | | |
|--------------------------|----------------------|------------------|---|-------------------|--|
| Compound | Rot. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) | |
| Freon 12 | 12 | Not Detected | 61 | Not Detected | |
| Freon 113 | 12 | Not Detected | 94 | Not Detected | |
| Chloroform | 12 | Not Detected | 60 | Not Detected | |
| 1.1.1-Trichloroethane | 12 | Not Detected | 67 | Not Detected | |
| Carbon Tetrachloride | 12 | Not Detected | 77 | Not Detected | |
| Trichloroethene | 12 | Not Detected | 66 | Not Detected | |
| Tetrachloroethene | 12 | Not Detected | 83 | Not Detected | |
| 1,1-Dichloroethene | 12 | Not Detected | 49 | Not Detected | |
| trans-1.2-Dichloroethene | 12 | Not Detected | 49 | Not Detected | |
| cis-1,2-Dichloroethene | 12 | Not Detected | 49 | Not Detected | |
| Benzene | 12 | Not Detected | 39 | Not Detected | |
| Toluene | 12 | 75 | 46 | 290 | |
| Ethvl Benzene | 12 | Not Detected | 53 | Not Detected | |
| m.p-Xvlene | 12 | Not Detected | 53 | Not Detected | |
| o-Xvlene | 12 | Not Detected | 53 | Not Detected | |
| Vinvl Chloride | 12 | Not Detected | 31 | Not Detected | |
| 1.1-Dichloroethane | 12 | Not Detected | 50 | Not Detected | |
| Chlorobenzene | 12 | Not Detected | 57 | Not Detected | |
| 9119-9891E9119 | | | 10 | Net Detected | |

| m.p-Xviene | | | 00 | 1101 2 0100104 |
|---------------------------|----|--------------|----|----------------|
| o-Xvlene | 12 | Not Detected | 53 | Not Detected |
| Vinvl Chloride | 12 | Not Detected | 31 | Not Detected |
| 1,1-Dichloroethane | 12 | Not Detected | 50 | Not Detected |
| Chlorobenzene | 12 | Not Detected | 57 | Not Detected |
| Methylene Chloride | 12 | Not Detected | 43 | Not Detected |
| Freon 11 | 12 | Not Detected | 69 | Not Detected |
| Chloromethane | 12 | Not Detected | 25 | Not Detected |
| 1,2-Dichloroethane | 12 | Not Detected | 50 | Not Detected |
| Freon 114 | 12 | Not Detected | 86 | Not Detected |
| Bromomethane | 12 | Not Detected | 48 | Not Detected |
| Chloroethane | 12 | Not Detected | 32 | Not Detected |
| 2-Propanol | 12 | Not Detected | 30 | Not Detected |
| Methyl tert-butyl ether | 12 | Not Detected | 44 | Not Detected |
| 1.2-Dichloropropane | 12 | Not Detected | 57 | Not Detected |
| 1.1.2-Trichloroethane | 12 | Not Detected | 67 | Not Detected |
| 1.3.5-Trimethylbenzene | 12 | Not Detected | 60 | Not Detected |
| 1.2.4-Trimethylbenzene | 12 | Not Detected | 60 | Not Detected |
| 1.3-Dichlorobenzene | 12 | Not Detected | 74 | Not Detected |
| 1.4-Dichlorobenzene | 12 | Not Detected | 74 | Not Detected |
| 1.2-Dichlorobenzene | 12 | Not Detected | 74 | Not Detected |
| 1.2-Dibromoethane (EDB) | 12 | Not Detected | 94 | Not Detected |
| 1.1.2.2-Tetrachloroethane | 12 | Not Detected | 84 | Not Detected |
| .,.,., | | | | |
15+ FILE.

SAMPLE NAME: SG-24

ID#: 0311272AR1-20A

MODIFIED FPA METHOD TO-14A DIRECT INJECT GC/MS

| MODI | PIED EI A HEIIIOD IC | | | |
|----------------------------|----------------------|------------------|--|------------------------------|
| File Name: Dil. Factor: | 3111826 2.47 | | Date of Collection: Date of Analysis: 1 | 11/12/03 1/16/03 08:31 PM |
| Compound | Rpt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) |
| Freon 12 | 12 | Not Detected | 62 | Not Detected |
| Freon 113 | 12 | Not Detected | 96 | Not Detected |
| Chloroform | 12 | Not Detected | 61 | Not Detected |
| 1.1.1-Trichloroethane | 12 | Not Detected | 68 | Not Detected |
| Carbon Tetrachloride | 12 | Not Detected | 79 | Not Detected |
| Trichloroethene | 12 | Not Detected | 67 | Not Detected |
| Tetrachloroethene | 12 | Not Detected | 85 | Not Detected |
| 1.1-Dichloroethene | 12 | Not Detected | 50 | Not Detected |
| trans-1.2-Dichloroethene | 12 | Not Detected | 50 | Not Detected |
| cis-1.2-Dichloroethene | 12 | Not Detected | 50 | Not Detected |
| Benzene | 12 | Not Detected | 40 | Not Detected |
| Toluene | 12 | 160 | 47 | 620 |
| Ethyl Benzene | 12 | Not Detected | 54 | Not Detected |
| m p-Xvlene | 12 | 4.2 J | 54 | 18 J |
| o-Xvlene | 12 | Not Detected | 54 | Not Detected |
| Vinyl Chloride | 12 | Not Detected | 32 | Not Detected |
| 1 1-Dichloroethane | 12 | Not Detected | 51 | Not Detected |
| Chlorobenzene | 12 | Not Detected | 58 | Not Detected |
| Methylene Chloride | 12 | Not Detected | 44 | Not Detected |
| Freon 11 | 12 | Not Detected | 70 | Not Detected |
| Chloromethane | 12 | Not Detected | 26 | Not Detected |
| 1.2-Dichloroethane | 12 | Not Detected | 51 | Not Detected |
| Freon 114 | 12 | Not Detected | 88 | Not Detected |
| Bromomethane | 12 | Not Detected | 49 | Not Detected |
| Chloroethane | 12 | Not Detected | 33 | Not Detected |
| 2-Propanol | 12 | Not Detected | 31 | Not Detected |
| Methyl tert-butyl ether | 12 | Not Detected | 45 | Not Detected |
| 1 2-Dichloropropane | 12 | Not Detected | 58 | Not Detected |
| 1 1 2-Trichloroethane | 12 | Not Detected | 68 | Not Detected |
| 1.3.5-Trimethylbenzene | 12 | Not Detected | 62 | Not Detected |
| 1 2 4-Trimethylbenzene | 12 | Not Detected | 62 | Not Detected |
| 1 3-Dichlorobenzene | 12 | Not Detected | 75 | Not Detected |
| 1 4-Dichlorobenzene | 12 | Not Detected | 75 | Not Detected |
| 1 2-Dichlorobenzene | 12 | Not Detected | 75 | Not Detected |
| 1 2-Dibromoethane (EDB) | 12 | Not Detected | 96 | Not Detected |

J = Estimated value.

1,2-Dibromoethane (EDB)

1,1,2,2-Tetrachloroethane

Container Type: 1 Liter Summa Canister

Not Detected

86

12

Not Detected



15 Ave.

AIR TOXICS LTD.

SAMPLE NAME: SG-25

ID#: 0311272BR1-21A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name: Dill Factor: | 3111912 . 2:58 | Da Da | te of Collection: te of Analysis: 1 | 11/11/03 1/19/03 01:26 PM |
|----------------------------|----------------------|------------------|--|------------------------------|
| Compound | Rpt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) |
| Freon 12 | 13 | Not Detected | 65 | Not Detected |
| Freon 113 | 13 | Not Detected | 100 | Not Detected |
| Chloroform | 13 | Not Detected | 64 | Not Detected |
| 1,1,1-Trichloroethane | 13 | Not Detected 0.5 | 72 | Not Detected |
| Carbon Tetrachloride | 13 | Not Detected VS | 82 | Not Detected |
| Trichloroethene | 13 | Not Detected | 70 | Not Detected |
| Tetrachloroethene | 13 | Not Detected | 89 | Not Detected |
| 1,1-Dichloroethene | 13 | Not Detected | 52 | Not Detected |
| trans-1,2-Dichloroethene | 13 | Not Detected | 52 | Not Detected |
| cis-1,2-Dichloroethene | 13 | Not Detected | 52 | Not Detected |
| Benzene | 13 | Not Detected | 42 | Not Detected |
| Toluene | 13 | 6.1 × U | 49 | 23,8 🕖 |
| Ethyl Benzene | 13 | Not Detected | 57 | Not Détected |
| m,p-Xylene | 13 | Not Detected | 57 | Not Detected |
| o-Xylene | 13 | Not Detected | 57 | Not Detected |
| Vinyl Chloride | 13 | Not Detected | 34 | Not Detected |
| 1,1-Dichloroethane | 13 | Not Detected | 53 | Not Detected |
| Chlorobenzene | 13 | Not Detected | 60 | Not Detected |
| Methylene Chloride | 13 | Not Detected | 46 | Not Detected |
| Freon 11 | 13 | Not Detected | 74 | Not Detected |
| Chloromethane | 13 | Not Detected | 27 | Not Detected |
| 1,2-Dichloroethane | 13 | Not Detected | 53 | Not Detected |
| Freon 114 | 13 | Not Detected | 92 | Not Detected |
| Bromomethane | 13 | Not Detected | 51 | Not Detected |
| Chloroethane | 13 | Not Detected | 35 | Not Detected |
| 2-Propanol | 13 | Not Detected | 32 | Not Detected |
| Methyl tert-butyl ether | 13 | Not Detected | 47 | Not Detected |
| 1,2-Dichloropropane | 13 | Not Detected | 60 | Not Detected |
| 1,1,2-Trichloroethane | 13 | Not Detected | 72 | Not Detected |
| 1,3,5-Trimethylbenzene | 13 | Not Detected | 64 | Not Detected |
| 1,2,4-Trimethylbenzene | 13 | Not Detected | 64 | Not Detected |
| 1,3-Dichlorobenzene | 13 | Not Detected | 79 | Not Detected |
| 1,4-Dichlorobenzene | 13 | Not Detected | 79 | Not Detected |
| 1,2-Dichlorobenzene | 13 | Not Detected | 79 | Not Detected |
| 1,2-Dibromoethane (EDB) | 13 | Not Detected | 100 | Not Detected |
| 1,1,2,2-Tetrachloroethane | 13 | Not Detected | 90 | Not Detected |

J = Estimated value.

Container Type: 1 Liter Summa Canister

A SOL 0006

Page 1

F-D OF 56-22

1-5+ Are

SAMPLE NAME: SG-26 ID#: 0311272BR1-22A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name: Dij. Factor: | 3111910 · · · 3.87 | in state Principality (1997) | Date of Collection: Date of Analysis: 1 | 11/12/03 1/19/03 12:20 PM |
|----------------------------|-----------------------|---------------------------------|--|------------------------------|
| Compound | Rot. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) |
| Freon 12 | 18 | Not Detected | 92 | Not Detected |
| Freon 113 | 18 | Not Detected | 140 | Not Detected |
| Chloroform | 18 | Not Detected | 91 | Not Detected |
| 1.1.1-Trichloroethane | 18 | Not Detected 📿 | 5 100 | Not Detected |
| Carbon Tetrachloride | 18 | Not Detected 🕖 | 5 120 | Not Detected |
| Trichloroethene | 18 | 8.5 J | 100 | 46 J |
| Tetrachloroethene | 18 | Not Detected | 130 | Not Detected |
| 1.1-Dichloroethene | 18 | Not Detected | 74 | Not Detected |
| trans-1.2-Dichloroethene | 18 | Not Detected | 74 | Not Detected |
| cis-1,2-Dichloroethene | 18 | Not Detected | 74 | Not Detected |
| Benzene | 18 | Not Detected | 60 | Not Detected |
| Toluene | 18 | 87 | 70 | 330 |
| Ethyl Benzene | 18 | Not Detected | 81 | Not Detected |
| m.p-Xvlene | 18 | Not Detected | 81 | Not Detected |
| o-Xvlene | 18 | Not Detected | 81 | Not Detected |
| Vinvl Chloride | 18 | Not Detected | 48 | Not Detected |
| 1.1-Dichloroethane | 18 | Not Detected | 75 | Not Detected |
| Chlorobenzene | 18 | Not Detected | 86 | Not Detected |
| Methylene Chloride | 18 | Not Detected | 65 | Not Detected |
| Freon 11 | 18 | Not Detected | 100 | Not Detected |
| Chloromethane | 18 | Not Detected | 38 | Not Detected |
| 1,2-Dichloroethane | 18 | Not Detected | JJ 75 | Not Detected |
| Freon 114 | 18 | Not Detected | 130 | Not Detected |
| Bromomethane | 18 | Not Detected | 72 | Not Detected |
| Chloroethane | 18 | Not Detected | 49 | Not Detected |
| 2-Propanol | | Not Detected | 46 | Not Detected |
| Methyl tert-butyl ether | 18 | Not Detected | 67 | Not Detected |
| 1.2-Dichloropropane | 18 | Not Detected | 86 | Not Detected |
| 1.1.2-Trichloroethane | 18 | Not Detected | 100 | Not Detected |
| 1.3.5-Trimethylbenzene | 18 | Not Detected | 92 | Not Detected |
| 1.2.4-Trimethylbenzene | 18 | Not Detected | 92 | Not Detected |
| 1.3-Dichlorobenzene | 18 | Not Detected | 110 | Not Detected |
| 1.4-Dichlorobenzene | 18 | Not Detected | 110 | Not Detected |
| 1.2-Dichlorobenzene | 18 | Not Detected | 110 | Not Detected |
| 1,2-Dibromoethane (EDB) | 18 | Not Detected | 140 | Not Detected |
| 1,1,2,2-Tetrachloroethane | 18 | Not Detected | 130 | Not Detected |

J = Estimated value.

Container Type: 1 Liter Summa Canister

a for 0020

SAMPLE NAME: Field Blank 1

ID#: 0311272BR1-23A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name: Dil. Factor: | 3111909 2.53 | Date | of Collection: of Analysis: 1 | 11/11/03 1/19/03 11:32 AM |
|----------------------------|----------------------|------------------|----------------------------------|------------------------------|
| Compound | Rpt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) |
| Freon 12 | 13 | Not Detected | 64 | Not Detected |
| Freon 113 | 13 | Not Detected | 98 | Not Detected |
| Chloroform | 13 | Not Detected | 63 | Not Detected |
| 1.1.1-Trichloroethane | 13 | Not Detected U.S | 70 | Not Detected |
| Carbon Tetrachloride | 13 | Not Detected US | 81 | Not Detected |
| Trichloroethene | 13 | Not Detected | 69 | Not Detected |
| Tetrachloroethene | 13 | Not Detected | 87 | Not Detected |
| 1,1-Dichloroethene | 13 | Not Detected | 51 | Not Detected |
| trans-1.2-Dichloroethene | 13 | Not Detected | 51 | Not Detected |
| cis-1,2-Dichloroethene | 13 | Not Detected | 51 | Not Detected |
| Benzene | 13 | Not Detected | 41 | Not Detected |
| Toluene | 13 | 3.8 J | 48 | 14 J |
| Ethvl Benzene | 13 | Not Detected | 56 | Not Detected |
| m.p-Xvlene | 13 | Not Detected | 56 | Not Detected |
| o-Xvlene | 13 | Not Detected | 56 | Not Detected |
| Vinvl Chloride | 13 | Not Detected | 33 | Not Detected |
| 1,1-Dichloroethane | 13 | Not Detected | 52 | Not Detected |
| Chlorobenzene | 13 | Not Detected | 59 | Not Detected |
| Methylene Chloride | 13 | 3.0 J | 45 | 11 J |
| Freon 11 | 13 | Not Detected | 72 | Not Detected |
| Chloromethane | 13 | Not Detected | 26 | Not Detected |
| 1,2-Dichloroethane | 13 | Not Detected US | 52 | Not Detected |
| Freon 114 | 13 | Not Detected | 90 | Not Detected |
| Bromomethane | 13 | Not Detected | 50 | Not Detected |
| Chloroethane | 13 | Not Detected | 34 | Not Detected |
| 2-Propanol | 13 | Not Detected | 32 | Not Detected |
| Methyl tert-butyl ether | 13 | Not Detected | 46 | Not Detected |
| 1,2-Dichloropropane | 13 | Not Detected | 59 | Not Detected |
| 1,1,2-Trichloroethane | 13 | Not Detected | 70 | Not Detected |
| 1,3,5-Trimethylbenzene | 13 | Not Detected | 63 | Not Detected |
| 1,2,4-Trimethylbenzene | 13 | Not Detected | 63 | Not Detected |
| 1,3-Dichlorobenzene | 13 | Not Detected | 77 | Not Detected |
| 1,4-Dichlorobenzene | 13 | Not Detected | 77 | Not Detected |
| 1,2-Dichlorobenzene | 13 | Not Detected | 77 | Not Detected |
| 1,2-Dibromoethane (EDB) | 13 | Not Detected | 99 | Not Detected |
| 1,1,2,2-Tetrachloroethane | 13 | Not Detected | 88 | Not Detected |

J = Estimated value.

ar for

0038

SAMPLE NAME: Field Blank 2

ID#: 0311272BR1-24A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| | NODE ELA METHOD TO- | | | |
|----------------------------|----------------------|------------------|---|--------------------------|
| File Name: Dil, Factor: | 3111908 2.69** | | Date of Collection: 11 Date of Analysis: 11/ | /12/03 19/03 11:09 AM |
| Compound | Rot. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) |
| Ereon 12 | 13 | Not Detected | 68 | Not Detected |
| Freen 113 | 13 | Not Detected | 100 | Not Detected |
| Chloroform | 13 | Not Detected | 67 | Not Detected |
| 1 1 1-Trichloroethane | 13 | Not Detected | UJ 74 | Not Detected |
| Carbon Tetrachloride | 13 | Not Detected | US 86 | Not Detected |
| Trichloroethene | 13 | Not Detected | 73 | Not Detected |
| Tetrachloroethene | 13 | Not Detected | 93 | Not Detected |
| 1 1-Dichloroethene | 13 | Not Detected | 54 | Not Detected |
| trans-1.2-Dichloroethene | 13 | Not Detected | 54 | Not Detected |
| cis-1.2-Dichloroethene | 13 | Not Detected | 54 | Not Detected |
| Benzene | 13 | Not Detected | 44 | Not Detected |
| Toluene | 13 | 7.6 J | 52 | 29 J |
| Ethyl Benzene | 13 | Not Detected | 59 | Not Detected |
| m n-Xvlene | 13 | Not Detected | 59 | Not Detected |
| o-Xvlene | 13 | Not Detected | 59 | Not Detected |
| Vinyl Chloride | 13 | Not Detected | 35 | Not Detected |
| 1 1-Dichloroethane | 13 | Not Detected | 55 | Not Detected |
| Chlorobenzene | 13 | Not Detected | 63 | Not Detected |
| Methylene Chloride | 13 | Not Detected | 47 | Not Detected |
| Freon 11 | 13 | Not Detected | 77 | Not Detected |
| Chloromethane | 13 | Not Detected | 28 | Not Detected |
| 1.2-Dichloroethane | 13 | Not Detected | UT 55 | Not Detected |
| Freon 114 | 13 | Not Detected | 96 | Not Detected |
| Bromomethane | 13 | Not Detected | 53 | Not Detected |
| Chloroethane | 13 | Not Detected | 36 | Not Detected |
| 2-Propanol | 13 | Not Detected | 34 | Not Detected |
| Methyl tert-butyl ether | 13 | Not Detected | 49 | Not Detected |
| 1.2-Dichloropropane | 13 | Not Detected | 63 | Not Detected |
| 1.1.2-Trichloroethane | 13 | Not Detected | 74 | Not Detected |
| 1.3.5-Trimethylbenzene | 13 | Not Detected | 67 | Not Detected |
| 1.2.4-Trimethylbenzene | 13 | Not Detected | 67 | Not Detected |
| 1.3-Dichlorobenzene | 13 | Not Detected | 82 | Not Detected |
| 1.4-Dichlorobenzene | 13 | Not Detected | 82 | Not Detected |
| 1.2-Dichlorobenzene | 13 | Not Detected | 82 | Not Detected |
| 1.2-Dibromoethane (EDB) | 13 | Not Detected | 100 | Not Detected |

J = Estimated value.

1,1,2,2-Tetrachloroethane

Christopes

94

0047

Not Detected

13

Not Detected

SAMPLE NAME: Ambient 1

ID#: 0311272BR1-25A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| Compound | Rpt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) |
|---------------------------|----------------------|------------------|-----------------------|-------------------|
| Freen 12 | 13 | Not Detected | 68 | Not Detected |
| Freen 113 | 13 | Not Detected | 100 | Not Detected |
| Chloroform | 13 | Not Detected | 67 | Not Detected |
| 1.1.1-Tricbloroethane | 13 | Not Detected ひろ | 74 | Not Detected |
| Carbon Tetrachloride | 13 | Not Detected | 86 | Not Detected |
| Trichloroethene | 13 | Not Detected | 73 | Not Detected |
| Tetrachloroethene | 13 | Not Detected | 93 | Not Detected |
| 1.1-Dichloroethene | 13 | Not Detected | 54 | Not Detected |
| trans-1.2-Dichloroethene | 13 | Not Detected | 54 | Not Detected |
| cis-1.2-Dichloroethene | 13 | Not Detected | 54 | Not Detected |
| Benzene | 13 | Not Detected | 44 | Not Detected |
| Toluene | 13 | 3.7 J | 52 | 14 J |
| Ethyl Benzene | 13 | Not Detected | 59 | Not Detected |
| m.p-Xvlene | 13 | Not Detected | 59 | Not Detected |
| o-Xviene | 13 | Not Detected | 59 | Not Detected |
| Vinyl Chloride | 13 | Not Detected | 35 | Not Detected |
| 1.1-Dichloroethane | 13 | Not Detected | 55 | Not Detected |
| Chlorobenzene | 13 | Not Detected | 63 | Not Detected |
| Methylene Chloride | 13 | Not Detected | 47 | Not Detected |
| Freon 11 | 13 | Not Detected | 77 | Not Detected |
| Chloromethane | 13 | Not Detected | 28 | Not Detected |
| 1,2-Dichloroethane | 13 | Not Detected US | 55 | Not Detected |
| Freon 114 | 13 | Not Detected | 96 | Not Detected |
| Bromomethane | 13 | Not Detected | 53 | Not Detected |
| Chloroethane | 13 | Not Detected | 36 | Not Detected |
| 2-Propanol | 13 | Not Detected | 34 | Not Detected |
| Methyl tert-butyl ether | 13 | Not Detected | 49 | Not Detected |
| 1.2-Dichloropropane | 13 | Not Detected | 63 | Not Detected |
| 1.1.2-Trichloroethane | 13 | Not Detected | 74 | Not Detected |
| 1,3,5-Trimethylbenzene | 13 | Not Detected | 67 | Not Detected |
| 1.2.4-Trimethylbenzene | 13 | Not Detected | 67 | Not Detected |
| 1,3-Dichlorobenzene | 13 | Not Detected | 82 | Not Detected |
| 1.4-Dichlorobenzene | 13 | Not Detected | 82 | Not Detected |
| 1,2-Dichlorobenzene | 13 | Not Detected | 82 | Not Detected |
| 1,2-Dibromoethane (EDB) | 13 | Not Detected | 100 | Not Detected |
| 1.1.2.2-Tetrachloroethane | 13 | Not Detected | 94 | Not Detected |

J = Estimated value.

Container Type: 1 Liter Summa Canister (100% Certified)



0054

SAMPLE NAME: Ambient 2

ID#: 0311272BR1-26A

MODIFIED EPA METHOD TO-14A DIRECT INJECT GC/MS

| File Name: DIL Factor: | 3111906 2.33 | Dati Dati | e of Collection: e of Analysis: 1 | 11/12/03 1/19/03 09:57 AM |
|---------------------------|----------------------|------------------|--------------------------------------|------------------------------|
| Compound | Rot. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (uG/m3) | Amount (uG/m3) |
| Freon 12 | 12 | Not Detected | 58 | Not Detected |
| Freon 113 | 12 | Not Detected | 91 | Not Detected |
| Chloroform | 12 | Not Detected | , 58 | Not Detected |
| 1,1,1-Trichloroethane | 12 | Not Detected US | 65 | Not Detected |
| Carbon Tetrachloride | 12 | Not Detected US | 74 | Not Detected |
| Trichloroethene | 12 | Not Detected | 64 | Not Detected |
| Tetrachloroethene | 12 | Not Detected | 80 | Not Detected |
| 1,1-Dichloroethene | 12 | Not Detected | 47 | Not Detected |
| | 40 | Net Detected | 47 | Not Detected |

| Freon 12 | 12 | Not Detected | 58 | Not Detected |
|---------------------------|----|------------------|----|--------------|
| Freon 113 | 12 | Not Detected | 91 | Not Detected |
| Chloroform | 12 | Not Detected | 58 | Not Detected |
| 1,1,1-Trichloroethane | 12 | Not Detected VS | 65 | Not Detected |
| Carbon Tetrachloride | 12 | Not Detected UTS | 74 | Not Detected |
| Trichloroethene | 12 | Not Detected | 64 | Not Detected |
| Tetrachloroethene | 12 | Not Detected | 80 | Not Detected |
| 1,1-Dichloroethene | 12 | Not Detected | 47 | Not Detected |
| trans-1,2-Dichloroethene | 12 | Not Detected | 47 | Not Detected |
| cis-1,2-Dichloroethene | 12 | Not Detected | 47 | Not Detected |
| Benzene | 12 | Not Detected | 38 | Not Detected |
| Toluene | 12 | 12 | 45 | 47 |
| Ethyl Benzene | 12 | Not Detected | 51 | Not Detected |
| m,p-Xylene | 12 | Not Detected | 51 | Not Detected |
| o-Xylene | 12 | Not Detected | 51 | Not Detected |
| Vinyl Chloride | 12 | Not Detected | 30 | Not Detected |
| 1,1-Dichloroethane | 12 | Not Detected | 48 | Not Detected |
| Chlorobenzene | 12 | Not Detected | 54 | Not Detected |
| Methylene Chloride | 12 | Not Detected | 41 | Not Detected |
| Freon 11 | 12 | Not Detected | 66 | Not Detected |
| Chloromethane | 12 | Not Detected | 24 | Not Detected |
| 1,2-Dichloroethane | 12 | Not Detected UTS | 48 | Not Detected |
| Freon 114 | 12 | Not Detected | 83 | Not Detected |
| Bromomethane | 12 | Not Detected | 46 | Not Detected |
| Chloroethane | 12 | Not Detected | 31 | Not Detected |
| 2-Propanol | 12 | Not Detected | 29 | Not Detected |
| Methyl tert-butyl ether | 12 | Not Detected | 43 | Not Detected |
| 1,2-Dichloropropane | 12 | Not Detected | 55 | Not Detected |
| 1,1,2-Trichloroethane | 12 | Not Detected | 65 | Not Detected |
| 1,3,5-Trimethylbenzene | 12 | Not Detected | 58 | Not Detected |
| 1,2,4-Trimethylbenzene | 12 | Not Detected | 58 | Not Detected |
| 1,3-Dichlorobenzene | 12 | Not Detected | 71 | Not Detected |
| 1,4-Dichiorobenzene | 12 | Not Detected | 71 | Not Detected |
| 1,2-Dichlorobenzene | 12 | Not Detected | 71 | Not Detected |
| 1,2-Dibromoethane (EDB) | 12 | Not Detected | 91 | Not Detected |
| 1,1,2,2-Tetrachloroethane | 12 | Not Detected | 81 | Not Detected |



Container Type: 1 Liter Summa Canister (100% Certified)

ATTACHMENT C

SURVEY FIELD NOTES AND SITE SKETCHES

| ۲ | | | | | | | • | • | | | 1 | ** *** | , | | | | | والمركز والإساسية | | | *** ******* ** | | ~ | | | |
|----------------------|----------|----------|----------|----------|-----------|----------|----------|-----------|-----------|----------|-----------------|----------|-----------|-----------|--------------|-------------|-----------|-------------------|----------|----------|----------------|----------|------------|-----------|-----------|---------|
| 147 20 47 | P. MALUS | FCAT | = | A EI | 11 17 | N 11 | 2 1 | 11 11 | l 1 | a 12 | 1 11 | 1-20-11 | 1.135 | Kr. M | <i>III 1</i> | <i>n cl</i> | BUNGOR | 1 22 | - | × | 21 11 | 11 11 | Gat GLL WH | kof car | | `` |
| the | Fred | 4 | 74 | 43 | 44 | 45 | 40 | 47 | 45 | 49 | B | 51 | 52 | S | 5 | SJ. | 56 | S | <u></u> | 25 | 60 | 61 | 29 | 63 | 69 | <u></u> |
| 74/57 517E | Rud | 8.46 | 5 | z | 1 | 92.76 | 7 | 22 | د ۱ | | ~ | : | 2 | 2 | • | 2 0 | 94a | | 2 | 70 | 470 | = | 2 | - | τ | |
| gotas | Veltà | 06-18-28 | dr-25-10 | 87-33-42 | 87-11-18 | 58 1424 | 01-00-10 | 88-13-LA | 80-20-00 | 8-13-36 | 98-4- 34 | 8-2-4- | B-35-54 | 10-10-96 | C1-49-W | B1-57-18 | at 10-93 | 87-43-4 | 97-54-A7 | 28-12-01 | 8-1-48 | 21-91-83 | - P1-3-10 | いちてる | 12249 | (2) |
| | Dut | 24.122 | 292.72 | 344.94 | 399.38 | 412,76 | 351,74 | 299,00 | 241.14 | 195.82 | 145.28 | BS.5B | 175,60 | 71.19 | 75.60 | 41,141 | 10.12 | 91,98 | 115.90 | 115.76 | 118.34 | 1 200.93 | 1 107 A | 134.48 | 121-121 | |
| <i>Q111</i> | 1614 | NT-0-36 | 352-346 | 249-55 | 354-4346 | 3040406 | 19-6-54 | 358-26-36 | 358-00-00 | 81-19-48 | 356-08-48 | W-52-25 | 12-12-156 | 01-10-1 | AL 35-19 | 11-22-07 | 41-32-36 | 5-37-48 | 44.00 | 352.06 | 2002 | 34421-6 | 329-17-14 | 312-11-92 | 374 44 48 | ı |
| y y , = (| | <u> </u> | | 5 | Ċ | ,i | | J | ر | ••• | · | | | | | ۰. | نمست م | • | | | ' . | ** , | | | | |
| | | 2 | Prio | | | 2 | 22 | 23 | \$ | 52 | 3 | 12 | 2 | 29 | 30 | 3/ | 32 | 33 | 34 | <u>S</u> | 36 | 37 | 36 | 39 | 8 | • |
| 12-19-03 20 20 | | 12:20 | erks | 大子 | 、 | 3 | 4 | 3 | Y | 5 | , pc | Pac - | A | : | | 20 | S C | Z | _ | | 2 | 20 | 2 | | | |
| | | #7 H | REMI | MATN | ין ג | S | 52 | 56-2 | 2-95 | 5 | 1, 2 | 11 V |); × | 11 H H | 2 | ני ג | 2 2 | ענו | 2 | 11 11 | J; Y | 1111 | " " " | 1 V V | ~1 16 | |
| strue | | MANAUL | tud | 4.98 | VI | 4.70 | - | 11 | Ĩ | 2 | 11 | y, | Ľ | •• | 9.46 | 4.70 | ž | 2 | | /۲ | 11 | ~ | 7 | 0 4.40 | | |
| SITC SITC | | 28 84 | verta | 843-36 | 271-25-24 | 51-11-88 | 88-37-00 | 86-03-30 | 8108-06 | 71-41-36 | 9.50524 | 80-11-06 | 93.2154 | 90-95-00 | 00-00-40 | 80-10-16 | 30-22-06 | 99-55-48 | 29-25-24 | 90-62-65 | 14 4 4U | 25-68 | 94-38-51 | 6-127-8 | 8-97-68 | (" |
| 10 | | ┝╌╫┝╌ | | <u> </u> | ' | | | 90 | 5 | 2 | 4 | ŝ | | 2 | 4 | 8 | 64 | 69 | 4 | 8 | 2 | 1 7 | 46 | 1 | | |
| 404 | | | Dust - | 40.72 | 11 | 95-951 | 14129 | TTLE | 1.0% | 25 | 1.1 | | 13.0 | C | 76.0 | 43 | 21, | Ľ, | 108 | 767 | 9.0 | 3 8 | 95 | 1 | 194 | |

•

.

Jan. 05 2004 11:36AM P2

1

.

| 62 85 87 | surditi Lemetiti | 14mmart | h) - | 644 | 1 | J72 | 6-19 | 16-Can | •• | (1 | 11 | c 17 | : | | , , , | 7 | 4 2 | nn | 2 | C BUT | 11 FL | r 1 | y 1 y | Jdjin | |
|-----------------|-------------------------|----------|------------|--------------------|-----------|------------------|-------------------|---------------|------------|-------------|---------|----------|-----------|----------|----------|----------|-----------|----------|-----------|----------|------------|----------|-----------|-----------|-------|
| | 6 HT | 6 4 | þ | 6 | 8 | 77 5 | 78 5 | 79 81 | 60 1 | 191 | 92 1 | 93 1 | 94 | er l | 96 | 87 1 | 68 | 94 | 90 | 91 E | 10 | 93 | 94 | 95 | |
| STAVE ST | <u>44 nail 14</u> 14 | 402 | . <u>.</u> | 470 | 11 | 1 | ٤ſ | IC | 8.46 | 4.70 | 8.46 | 11 | 1 | | 1 | | 4.70 | ñ | 11 | 1 | <i>t t</i> | , | 8,46 | 72 | |
| 17506 | 1 5/5 A | gn-10-60 | 270-31-UN | 91-99-98 | 266-09-24 | 89-33-00 | 89-19-24 | 91-11-24 | 86-29-97 | 89-10-24 | 2-5-62 | B8-02-42 | 87412 | 84-53-00 | 24-07-98 | 81-03-48 | 91-13-06 | 21-02-76 | 91-10-10 | 71-25-24 | 90-01-30 | 89-39-54 | 842k-0 | 86-33-19 | (F |
| | NH LAN H | 358.76 | * | 440-79 | 11 | 116.28 | 13 8.00 | 1/5 00 | 68.64 | 26,611 | 264.90 | 29.061 | 145.36 | 121-02 | 28.92 | ZIR4 | 10.06 | 130.4 | 130.20 | 37.12 | 99.02 | "Q. (12) | 219.64 | 220.66 | |
| 6/1/ | NC A INLX | 0-10-W | 10-00-01 | 193400 | 129-39-0) | 10-38-18 | 392-29-0 | UD-7-907 | 01-33-06 | 343-24-48 | 159-36 | 305-12 | 3-36-00 | 4-7-30 | 5-24-06 | 23-07-00 | 121-43-48 | Th-25-24 | 117-30-46 | 348-42 | 129-14-36 | 1145-24 | 2.0-30-00 | 352-29-00 | |
| 24 54 74 | Rembell 5 | DIDFEN | 756 | KLIT | 16 56 | 751 | Blm my | url | k/ | Per Marta | REC M. | N | HYD | • | | | | , , | | | | | ''' | | |
| 0) | T.M. R. | 65 BI | 1 99 | 67 4 | 68 ' | 69 73 | 20 101 | 71 121 | 77 14 | 73 22 | 74 24 | 22 | 26 H | | | | | | | | | | | | ••••• |
| r+157110 17E | 4 17 X | LH 470 | , i K-1 | 5-00) ¹ | 2.4 " | 33 W (C | -13- 19 :- | 1, 10, 20, 00 | H-01-10 1. | 0-52-34 ··· | 8-48-29 | 8-37-36 | y-12-12-8 | | | | - | | | | ¢,1++144 | | | | |
| 15 20 202 | FRI | 99-3 | 89-1 | 243 | 6-60 | 32 | 8 | 8 | 9 | 00 | 3 | 60 | 60 | L | | | | | | | | | | | |

۰,

Jan. 05 2004 11:36AM P3

| | | | | | | | · · · · · · · · · · · · · · · · · · · | | . • • | <u> </u> | | | | | , | * | | | | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | ، یہر: د | | | ····· | ••••••••••••••••••••••••••••••••••••••• | : '\ |
|-------------------|-------------|---------|----------|-----------|-----------|-------------------------|---------------------------------------|----------|----------------|-----------|---------------------|----------|-----------|------------------------|-----------|-------------------|------------|-----------|----------|--|------------------|----------|-------------|------------|-------------|--|---|------------------|
| · . ' · . - | 14 50 50 | COMMENS | fm | Electra | Å, | ELECAN | FU | ĸ | HYO | MM | inv | 5 | rec Pm | vacue | 2 | GV | 1 | WU | WALLE | : | 20 | W | Ì | GPM | Rechn | #6 | | 1 • • • |
| • | כע | H.W. | 12.0 | 121 | 221. | 123 | 421 | 125 | 126 | 127 | 128 | 521 | 130 | /6/ | 137 | /33 | 134 | 135 | 136 | 137 | 130 | 139 | 140 | 141 | 142 | 9 | | |
| | me st | kod | 470 | | z | ~ | ۰۲ | . که | 11 | 8.46 | 11 | 11 | 25 | 470 | ٩.٢ | н | મ | z | 8.46 | 1 | z | | ۲۲ | 11 | u . | 1 | | |
| | JIA 15 | vata | 89-34-W | 42454 | 84548 | - 84- N. M | 81-2-18 | 81-72-68 | 21-22-68 | 86-27-86 | 88-102-48 | 87-43-36 | 9533-1 | 91-14-48 | 96-24-16 | 91-13-24 | 91-53-16 | PHOF R | 90-25-30 | 2029-36 | 30 46 +13 | 74-5- NG | 96-10-16 | | かていりし | 1 | 9 |) |
| | F.C | りょす | 77.08 | 111.28 | 12.46 | 140.50 | 15714 | 195.24 | 245.96 | 21112 | no.84 | MAM | 47.96 | 43.50 | 45.58 | JP.12 | 73,74 | 96.14 | 01.211 | 176.96 | 213.80 | 238.73 | 239.92 | 24266 | 14740 |) | | ; - |
| | β/// | 10 C.X | 58-13-00 | 96-24-61 | 5929-48 | 26-84-65 | 38-15-41 | 24-13-92 | 159-17-36 | 350-11-36 | 4-2-14 | 41-54-36 | 00-06-96 | 96-25-46 | 80-15-05 | 221-15-18 | Artenia | 05-26-50 | 43-45-49 | 192-57-30 | 9446-061 | 18-32-41 | 199-41-00 | 18-6-1-531 | 1 8-9-16-12 | No-mara/ | | |
| , , | | | K L | | איג ו | ا جر المر | | f | Ĺ | | יו רי ד י | י רי | | יי ו נ ייייי | | 1 , , , | , , | · · · · | / | • | ۰. مربعہ ۲ |) | • | |) | | | |
| | | | | | | | | | | ·-·- | | ~ ~ ~ | | | • | | | , | | | ndi albotate ter | | <u> </u> | | | _, | 16(N) * | |
| | and Berg | | LEMNKS | FC by NC | 7 11 | " " POC | * '' | 11 11 | ¥ 11 | 1 1 | | 1 1 | nue | ELECTO | й и | 049 i | 70 | R.M. | O.V. | 2 " | HTO. | er | 73 | ELECAM | * / | R | DECM | |
| | site | | 1220. | 96 | 67 | 66 | 99 | 8 | 10/ | 702 | /03 | 194 | 1es | 26 | 107 | 901 | 60/ | 0// | /1/ | 211 | 113 | 114 | 115 | 1/6 | /// | 118 | 119 | |
| | Istrive | | Kal | 8.46 | = : | : | 3 | 4.70 | ž | 71 | 51 | | | 11 | • 6 | : | z | 11 | 2 | } | 471 | 11 | 11 | 2 | 11 | - | CI | |
| • . | 72m27 4 | | Velt & | 88-33-16 | 2-2-60 | 21-66-38 | 38-37-06 | 05-24-20 | P-33-00 | 89-47-00 | 84-53-18 | 91-46-12 | 21-52-15 | 91-18-54 | 9-22-00 | 94724 | 91-22-40 | 18-8-16 | 01-48-40 | 1 | 91-04-48 | 71-96-16 | 89-59-50 | 70-01-36 | A-4-17 | B-4-24 | 81-27-48 | |
| | | | Dist | 278.68 | 279.50 | 27676 | 26.5,30 | 212-86 | 168-58 | 19.20 | 72.78 | 23,30 | 22.8.10 | 08.021 | 99.44 | 34.02 | erin | 56.34 | 2592 | 4.4 | 12,9) | 2222 | 41.14 | 43172 | 69, 4 | 72.06 | 11"bL | |
| | | 110 | Hux - | 10-03-034 | 1-18-48 | 5-11-15 | 5340-48 | 0292-820 | 06-10-05 | 57-46-12 | 255-02-06 | 49-00-54 | 84-52-181 | 18220154 | 192-0-201 | 1 <u>9</u> 3-19-W | 103 -47-10 | 104-05-48 | 1975440 | 11-25-25-20 | 05-22-30 | 15836 | 358-87-12 | 95-11-555 | 358-37-06 | 15230-06 | 71-23-65 | <u>_</u> |
| · · · · | | | * | • • | | 61 | 1.4 | • 4• | יר <i>י</i> רי | ' | | - 171 | | • | - | | | | | 101 | - · · · | | | | | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | i i i i i i i Lini i i i i i i i i i i i i i i i i i i | |

i

FROM :

FAX NO. :

Jan. 05 2004 11:37AM P4

:

| | | JonALV | put an | ע ג' | 4 61 | * * | | R . H | 11 4 | ונ פל | ני אן | | *1 FC | 10 2. | 11 21 | 11 2 | 1 1 | u ii | 6 | 11 11 | и И | 11 12 | 11 | 1 1 | 1° 1 | K 1 5 | · | |
|-----------|--|-----------|------------------------------------|--------------------------------|--|---|---|--------------------------|--|-------------------------------------|---|-------------------------------------|------------------------------------|---|---|---|--------------------------------------|---|------------------------------------|-----------------------------|--|---|--------------------------------------|---------------------------------|---------------------------------------|---------------------------------|-----------------------------------|----------|
| | , | Hin | 160 | 161 | 162 | (63 | 164 | 165 | 166 | 167 | 168 | 64/ | 013 | 121 | 2 | 173 | 174 | 15 | 176 | 121. | AL1 | 179 | 120 | 101 | 20/ | 59/ | | : |
| ļ | 20 20 20 | 77 | 4.70 | 2 | ž | 11 | در | 11 | Jſ | ŧ | 1 | 3 46 | ١ | ١ | 1 | ١ | ١ | 1 | 1 | 1 | 1 | ۱ | 1 | 1 |) | 1 | | .• |
| | 14/12/4 | X2.000 | CH BAN | | 112 10 | 11-2018 | 71-15-06 | 42-10-16 | 94-36-30 | 63-22-36 | 08-32-90 | 14. to X | 88-53-18 | 26-36 19 | 09-16-86 | 24-52-66 | 00 ES 62 | N-15-66 | 35-4612 | 3857-56 | 2957-54 | 54-25-42 | 01-J-22 | 95-11-68 | 49-14-20 | 0-11-99 | 6 | 1 |
| | 6 | 1.20 | 731.94 | 1410 | 1/0 9A | 16.02 | 35,21 | 200 | 101.96 | 107C1 | 155.94 | 140.06 | 280.60 | 345,7L | 310.74 | 19:55 | 405.64 | 43069 | 453.76 | 29002 | 542.37 | PHYORS | 5-00.79 | 584.70 | 10 J | 4.5 | - - - | • |
| | 6111 | 1 4 87 | R-Er-21 | A. BILLY | W. I. | (N-22-46 | 36-78 | QHS-Q | 43736 | 3342 | 10-22-114 | 10000 | inter. | 1-05-18 | W-25-9 | 65. 12.0 | 180 | 64-55-0 | 0-29-34 | 9-25-PL | 023-4 | 0-19-00 | 1114 | 240 | 2000 | 10-14-1- | | |
| | . . | | ۔ ب | | | ((| | 1 10 | ب « ب | ر | | nt 2. | | - ب ب | | | | مہر ا | • • | | ************************************** | | Harr 14 | | / | | | • |
| | | | | | | | | | | | | | | | | | | · · · | | | | | | | | | | ` |
| | 14- 14- 14- | | (enville) | -775 | Sartan Al | | 1111230-1201 | | 1, L EC | 81.80 | | 2-2 | 56-1 | 50-1 | 1 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 20-0 | Bull-cm | 11 11 | | 8:44:40 0:11:0 | puer cor | 11 11 | | 11 5- | | | . ` - |
| · · | 14 | | Hind. Lewicks | TTTATUS | S MANANA | | 1 MAYNALLAN | | 1 MANNUM | 1 42 Q. 18 | 143 31-10 | 141 2-2 | 145 56-1 | 146 50-1 | 141 35-1 | 46 30-3 | 41 70-0 | 130 Bulton | 121 11 11 | 121 | 15.7 8:44.44 | | 122 11 11 | 120 | 15/ | -/ | 159 1 | , ` |
| | Mesne 122.0 | | tal March Lewicks | 177 NT 122 | 4.96 5 MAYNAHE | | - +70 1 10145244234 | | 12000000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | al-00 241 | 11 141 2-2 | 145 56-1 | 140 SP-1 | Bi46 141 30-C | 4,70 44 20-2 | 1 14 20-0 | 11 130 Bulk cm | 121 | 21 21 | - 15.7 Bidking | 4.76 1.34 1.940 - 1.94 | <u> </u> | 20 | 1 3.40 151 | AS/ # | 1 121 1 | |
| · · | 20 20 21 21 21 21 21 21 21 21 21 21 21 21 21 | | 1327 Xal Mr. Contes | LIS MANALAS NJ VIL | 11-25-1 4.96 5 MATANET | 10-34-12 4 5 | Jarter 4411 / 114 96-12-1 | 26936 AB 11 1 | 10-34-30 4-70 10-4-20 - 10-4-4-20-00-4-4-20-00-4-4-4-20-00-4-4-4-20-00-4-4-4-20-00-4-4-4-4 | 267.9.46 | 91-87-34 143 39-18-18-18-18-18-18-18-18-18-18-18-18-18- | dr 14-30 11 141 21-8 | 9235-00 11 195 36-1 | 09-3-24 " 146 510-1 | E8-13-18 Bidle 141 30-2 | 89-31-24 Jr. JU 44 30-3 | 89-37-36 11 14 20-0 | 81-35-36 11 12 12 12 12 12 12 12 12 12 12 12 12 | 3442 - 11 11 11 | 00 4 JE 1 151 | 2017129 (2) - m-bcag | 90-37-34 4,70 1.24 1241 1.00 | 403 410 1 1 1 1 1 1 | 9041-30 11 130 | 89.99 8.40 151 | 89.39.31 # 150 m | 90-25-24 - 157 " | |
| · · | 44 50 50 50 50 50 50 50 50 50 50 50 50 50 | | Cist varts tal trad. Country | WILH'S LL MRAMETS NJ PSIL | 172.06 84-25-1 4.96 5 MAPAGUES | 11 270-34-12 11 | 10274024410 / 014 92-22-16 76 925 | 1. 2603648 11 | 358.76 90-39.30 4.70 7 1040-400 | 1. 267.4.76 | 198.11 91-87-29 143 July | 129-12 31-13-11 141 2-2 | 61.34 9125-00 11 195 36-1 | 106,26 09-3-24 " 146 36-1 | 310,30 [28-13-18 10,46 141 30-2 | 2 -05 AP 01.10 42.15-06 72.02 | 128.64 89.37.96 11 14 36-6 | 111. 44 8735-36 11 120 8214 CM | 113,78 BP-11-12 - 131 11 11 | 0950 28 4 4 151 | ant 129. (21 - 4-9-6-83 - 1,39:1 | 100.72 90-37-34 4.70 1.34 1040 1.00 | 112.10 903 42 1 1. 53 1. " | 12739 90 41-30 11 120 | 145.50 89-19-49 3,40 151 | 16512 39.39.31 # 158 1 | 18610 90-25-24 - 159 " | |
| · · | 44 50 50-21-21 315-314/22/1+25000 | 1//3 | Moe & list varia tal tradi teantes | TO MENALY & BUS MENALTS NJ 522 | 0-10-10 372. 84 58-25-11 4.98 5 MATINALITS | (20-00-00 - 11 2-12-02-16 N 2- 10-00-00-00-00-00-00-00-00-00-00-00-00-0 | 10-4-18 228.94 91-22-34 41.10 / 10-4-16 | 200-14-24 1. 290364 1. 1 | 74-4-29 358,76 70-39-30 470 7 1040-4-10 | 39-18-36 1 267-19-26 - 1 2 - Co. 18 | 1332-12 198.12 9487-24 143 20-18 | 1) 1) 54 156.12 94.19-36 11 141 2-3 | 93-55-31 61.34 9235-00 11 195 36-1 | -1-95 all " H2-5-40 26,26 - 20-14 - 20-14 | 351-37-00 31:430 28-13-18 8.46 141 35-6 | 359-4430 219.22 89-31-24 21.70 445 20-3 | 359 47-12 128.64 89-37-36 11 14 26-6 | 204 31-18 111. 49 8735-36 14 130 Bulton | 202-14-06 113,76 39-11-12 11 11 11 | 209-29-30 0920 08 424 4 156 | 222-26-24 139.62 88-39-40 - 151 139.62 225-25-25 | 138-35-06 120.72 90-39-34 4.70 1.34 1040 1000 | 14637-34 112.10 903 470 1 1 123 11 1 | 136 53-00 1273 9 90 9430 11 120 | 129-46-02 145.50 892-19-48 3,40 151 1 | 12701-12 16512 89.39.30 # 150 " | 113-44-18 186010 90-25-24 - 139 " | |

. FKOM :

: •

.

.

10 g \$

FAX NU. :

Jan. 125 20104 11:37AM 145

;

| 14 14 | emplific | Br RC | 1 82 | 11/20 | 1 1 1 | 11 AG | 1196 | 1 ر | , r | it | 1 POC | -11 | 10 | 101 | | r | X | | i pc | nfor | 40 200 | : | 13 | 2 | |
|--------------------------|-------------------------------|--|-----------|-------------------------------|----------|-----------------------|---|-----------------------|----------------------------|---|----------------------------|---------------------------|----------------------------|----------------------------|----------------------|---------------------|------------------------------|----------------------------|--|--|--------------------------|---------------------|----------------------------|------------------------------|-----------------------------|
| J. | 77.11. | 206 # | 1 602 | 210 | 211 1 | 212 11 | 213 1 | 212 1 | " | 216 11 | 277 11 | 218 " | 14 | " rec | 121 | 223 4 | 224 | 225 1 | 226 1 | 1 122 | 528 | " 520 | 231) " | 23) (52 | |
| ISTAND ST | Rod 1 | <u>e.</u> & | 1 | | - | - | 11 | н | : | 01:10 | 1 | | | ~ | | | | 11 | 11 | ~ ~ ~ | : | 2 | | 2 | |
| grave a | AL-JA | 1128-1 | 96-26-18 | N-82-0 | 10-31-00 | 0-33-00 | 91-37-18 | 0-52-98 | 10-51-40 | 1. UT. | Tran | 91-2-4 | 7123-30 | 1-1-1-1 | 7426-36 | 21-00-16 | 22-12-12 | 340406 | Bishe | 95-09-36 | 02-62-86 | 70-2424 | 81-2411 | 06-14-19 | 6 |
| | Dust. | 01122 | 237.64 | 194.82 | 62722 | 272.36 9 | 25131 | 10005 | 21474 | 264,23 | 260.68 | 259.06 | 44.47.2 | 4 (1) 11 | 162.52 | 115.07 | 2 41.62 | 23.40 | 91.11 | 00.1 | 6.20 | 52.58 | 985L | 14.18 | |
| 611 | K WH | 外州农 | н | 11-44-16 | 21-52-PA | MUJB18 | M-38-42 | 113-10-24 | 91-01-36 | 91-1-2-4 | 91-211-36 | 00-12-88 | NO-92-62 | ACTT-U | 27-27-00 | 04-06-00 | 97-32-00 | 113-04-92 | 14-22-441 | 190-58-18 | 302-4-12 | 8-12-158 | 2407-42 | 51-05-R | |
| 1 | 1 | - | - 1 | - | | | | | | | | | | | | | | | | | | | | | • |
| | 1 | 7 | | | | ; `ر | , , , ,,,' , ,,, | · (_ | | | | ب | ,' | | | ¹ , | | | ام دونو بر م ^{رد} - ۲۰ رف بر مرد | / | **** ***** | | ا بە ما،بىرد 275 مىي | | 1 |
| 677 | Lan Alt S | si the ide | rf 1, | | | | | | | 33 | : * | н И | " " | | | | | TIME | FL WI | 1111-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1 | | | | | 1 |
| 14 54 54 | HE AD PASSARAS | 194 al Dh. Land | · 01 10 1 | 107 11 11 1 | 100 11 C | 1 1 1 10 | | | 190 ··· ·· | 197 11 1 | , × (b) | n. n. 16/ | <u>/d2</u> 11 12 | 140 11 1 | 1 11 16/ | <u> 48 11 1</u> | //d c1 a | 2011 - LAVE | 201 FL WT | ZWL 11117 | 203 11 1 | 204 " | 201 | 205 1 | 201 11 |
| HAUESITE RELAD | and at an Academical | | | | | | | | - /90 | - /27 41 | . 193 . " | <u>n n tol -</u> | - 195 " " | - 140 11 - | 11 16/ | - /98 " | 4,70 /49 41 0 | - 201 · CMC | 4.71 2.01 FC M | LJ11 702 - 11 | 11 203 11 | 1 204 1 | 8,40 205 | n 205 m 1 | |
| The letatesite run | walk and tran daughts | 22.2013 1924 01 M (M | | 140 11 11 11 | | 101 101 | 194-98-45 - 1912 - 1912 - 1813 - 1813 - 1813 - 1813 - 1813 - 1813 - 1813 - 1813 - 1813 - 1813 - 1813 - 1813 - 1 | 09-40-36 - 194 | 09-5-01 - 190 · · · · | 1131-16 - 101 vi | 1000 - 103 v 1 | 32 M. M. 194 11 11 | 08-11-22 - 122 11 11 | 87-58th - 146 11 · | as-45-24 - 197 41 1 | erizar - 198 | 39-21-29 4,70 /49 | 88-16-19 - 201 - CARE | 12-39-48 4.71 201 FL WI | 70-15-00 11 202 11 1/17 | Ph243 11 203 11 1 | 312999 11 204 11 | 89.49.30 8,40 205 | 90-11-13 11 205 11 11 | 90 2434 11 201 11 11 11 1 |
| quaristic lithersite are | n. of wards and of an daughts | 2 1 2 2 2 2 2 1 1/2 4 21 1/2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | 500.0C 88-3 / 48 / 12 / 1 / 1 | | 420,30 79-31-44 - 19/ | 433,52 84-84-42 - 433,52 84-84-84-84-84-84-84-84-84-84-84-84-84-8 | 359.60 09-10-36 - 184 | 334.26 09-5-01 - 190 - 190 | 304.00 07-31-70 111 111 111 111 111 111 111 111 111 1 | 283.04 (martine - 193 / 1/ | 11 11 16/ - W 10 10 10 17 | 197.50 86-12-56 - 195 11 1 | 163.3 4 87-5841 - 196 11 - | 11/10 25-55 - 10/1/1 | 13.46 25.2.41 - 198 | 49,82,39,24,24 4,70 /49 4, " | 101.50 3576-19 - 201 - LAC | 195,10 983946 471 201 FL WI | 92 14 70-15-00 11 - 20C 11 11/17 | 124.50 94543 11 203 11 " | 96,14 3124 1 1204 " | 129,64 89-49-30 8,40 200 | 169.10 90-10-19 11 205 11 11 | 214.17 94-24.36 11 201 11 - |

FRUM :

ţ

.

۰.

FAX NU. :

Jan. 05 2004 11:38HM F6

| ن به شیست ا | , | i | י י ו | 1 | ·····, | ·, <u>.</u> | 1 | انظ | I | | | ····· | | | <u>0</u> | 101 | - | | | | | | 1 | ļ. | | · · · · | |
|----------------------------|------------|----------------|-----------------|----------------|-----------------|--------------|--------------|----------------|------------------|------------------|-----------------|-----------------|----------------|---------------|-----------------|-----------------|--|-----------------|---------------|----------------|------------------|-----------------|-----------------|--------------|----------------|----------|----|
| 12-25-52 12-25-52 14 | Lemik K | ИГО | 758 | = | * | MW | NYO | Par & Pulan | 751 | M-WALL | <u>cr</u> | NWS | 11 | 2.00 | THE ALLAND | | 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1 | 4-17 | 20.00 | 10000 | 1 | | 100 24 | | • | ; | |
| | .m. | K. | 22 | 258 | 259 | 260 | 192 | 292 | 293 | 197 | 245 | 246 | | 271 | e z | | t = | 1.1 | 107 | 2016 | 1 1 1 1 | 01-7 | | 11/1 | 212 | | |
| veste | W N | 470 Z | 2 | | -+ | | <i>i</i> | = | | K 70 | | | + 25-14 | 141 H O | <u>6,4</u> 0 | | 5= | | | | | = : | | | | · • | |
| 274.151 | 143 4 | 34 | 42-0 C- | 25-42 | 1-374 | F | 3430 | NO-NC | 39-46 | - nero | N-24 | | -+- | 0/5 14 | P-35-54 | 64-19-26 | 4-10-10 | 10.12.01 | entic-L | 1-00-26 | 8-12-00 | 1-32-42 | -3/-06 | 1-11-4C | 1919 | <u>-</u> | |
| don. | 87 Me | LD 4 91 | x50 97 | 5-10 64 | 4m 80 | 1974 90- | 646 90 | 16 962 | -38 90 | 10 97 | 16 91.521 | 41 | | やいろう | 12.865 9 | = | 19.74 9 | | 4 2029 | 0.17.00 | 69.57 8 | 1.94 1 | 18-18-0 | 6,84 9 | 6,42 4 | | |
| Ø <i>)</i> // | A BA | 34-06 3 | a JTHE | 1400 4 | 44.9 | 1 9+62 | 10 IL | 5742 | Ub-36 BT | 24-12-12 | 43-00 | 10-10-5 | | No. M | mm 13 | 24-24 | 2 06-55-0 | 42-00-12 | 100000-10 | 123-12 | 101-00-1- | ×048 2 | 4-36 19 | 27.30 3 | 120-02-1 | | , |
| | A'VA | ut | 151 | HP2 | 209 | 417 | Æ | 3 | 114 | 740 | P. | ال م | | | a | ध | B | | 2 | 166 | 161 | 19/ | 6 | ন | 5 | | |
| | | <u>`</u> | 4121, | 4 | ار <u>م</u> | ••• | • | | | • . • | | • - | ר | | | ر | | , | · | •' | - | | م بیری | | | | • |
| 12-27-82 25 AT | Kernel VT | FL Dot | K (l | 11 11 | Vilbe | In MC | 1011 | <i>h u</i> | 16 42 | 11 11 | K 11 | 11 4 | et 11 . | ע ני | 11 11 | F 11 | к ·) | 1 1 | # 11 | | " " POC | 1 11 11 | L.P | нүр | LP | | |
| 定 | Pt.W. | 232 | 233 | 7.34 | 725 | 756 | and Le C | 738 | 239 | 042 | 142 | 242 | 243 | 242 | 245 | 246 | 147 | 248 | 144 | 250 | 251 | 252 | 253 | 254 | 587 | | |
| 's and the | Roll | 4.10 | 1(| 11 | ۲ ۲ | 5 | 11 | | }; | 8.46 | ي ج | 1 | ۲ | 1(| 11 | Ľ | ÷ | - | 11 | L, | 11 | н | r L | u | 470 | | |
| | | | | | | | + | | | 1 | <u> </u> | 1.5 | | - 4 | | | | ŀ | ~ | F | | 1.1 | W-7 16 MJ | | | | , |
| + 15aul | Velta | 07-63-10 | 01-11-10 | 81-96-68 | 20-1,5-1 | PL-12-06 | 30-4-24 | 39-58-116 | 39-94-94 | 80-12-00 | 08-33-36 | U-24-86 | 18-99-40 | 30-542 | 33-54-18 | 34-10-62 | 39-4-18 | 10-10-65 | 20-63 | 5-20-be | 11 | 89-11-42 | 38-33-06 | 34205 | P-383 | 6 | Э. |
| 1 + "ISaul | Dist veets | 195.96 89-43-W | 244.84 89 40.00 | 78.36 89-39-18 | 4R.176 70-25-26 | 40.46 00-11- | 3476 90-5-24 | 61,07 B9-58.06 | 10-12-12 0C. TIL | 161, 40 88-15-00 | 213,58 88-33-36 | 7-24-00 91-292 | 311.56 8849-42 | 360.02 80.542 | 91-270 68-20-18 | 485.19 69-01-18 | 81-10-00 02:255 | 10-10-68 25-165 | 638.90 27-023 | 5-20-36 -00-25 | 11 07.213 | 577.08 89-11-41 | 259.36 08-33-06 | 163,50 84205 | 121.64 99-39-3 | | Э. |

.

1.11

٠,

FAX NO. :

Jan. 05 2004 11:38AM P7

۰;

۰,

| [n-22-2 | 54 | Lond 11.5 | EU EU | 4 | | mu | ELEUPH | | 2.1 | z - | <u>+</u> | CAM . | BM | WU | BLECPM | EU | 11 | 11 | 11 | | EI FLAM | mal | LV L | ~ | BRUNN | Cil ⁷ | 2 2 | | ····· |
|-------------|--------------|------------|------------|----------|------------|----------|----------|----------|----------|--------------|----------|----------|----------|----------|----------|---------|-----------|--------------|----------|---------------|----------|----------|----------|-----------|---------|------------------|----------|----------|-------|
| <i>b</i> | 1 | 07.43 | 299 | 200 | | Ine | 302 | 30 | 364 | 305 | 306 | 307 | 308 | 309 | 3/0 | 3// | 212 | 3/3 | 314 | 20 | 3% | 37 | 3/8 | 3/9 | 320 | 122 | 377 | | , |
| 15 MC 51 | | 1 4 | 410 | 1 | - | - | - | | = | | 1 | ۳۲ | - | ft. | 8.45 | 1 | 2 | 77 | 73 | | | | | | | 1-1 | 844 | 2 | |
| もなす | | iverta | 84-02-16 | WILLIN D | AL A AR | 7 Lent | | arari | 1101-01 | 19-19-16 | 90 A 100 | 30-44.06 | 90-93-18 | 11-13-00 | 05-04-63 | ¥ | 9-4-10 | BHANK | 08-25-96 | 88-46-54 | 06-79-DF | 86-5-98 | 88-10-04 | 840424 | 241 | anager) | 85-46-78 | G | Ð |
| 6 | | Diet | 60.75 | 22.8 | 14AN | 07.0V | anica - | 5400 | 01-10/1 | 198.44 | בופיור | 01.05-5 | 246,22 | 29164 | 246.76 | 11.141 | 244.63 | 145.74 | (2.421 | 119.14 | 100,40 | 31.38 | 9,98 | est 1 | 01.28 | 17 15 | 41.0h | ~~~ | |
| | 8 //t | 1 THY | 6-53-34 | 400- | 46667 | 10012 | | | 00-11-0 | 96.71- | 4-14 | 1- AB | 24-20 | 50-12 | 74-94-6 | 2-25-06 | 13-42 | 400L | 18-02-30 | 7.58-67. | 4-12-2 | -10-02-T | \$-37.34 | A.44.4 | 2-40-56 | 1.cra | 9-82-4- | | |
| ; ;• ; · | | · · · | • •~~ | | ·4 × | | | - | | | -+ / | | -4 | | | | | . ~ | | י ב י י | -) (r. | | | | | | 11 — | -1 | |
| : | 6-27-2 50 | | BUNCKS | C BY | 2 | 71 77 | 2 | 2 | 1)C | יייאוכ | "pt | | | | , | LEL M | Ž | Ľ. | LEC IN | EV. | | | | | 2 | 3 W | 51 | MM | ••••• |
| | | | 17.e.V. 12 | 1 412 | 11 542 | 276 | 277 " | 119 4 | 220 14 | 281 1 | 7 67 | | 141 | 101 | 782 | 296 E | 267 4 | 298 10 | 2 692 | 29.0 | 182 | 262 | 293 | 294 | 280 | 982 | 1.62 | 982 | |
| | ESE | | Eat 1 | 4.70 | z . | = | ~ | 11 | II II | 11 | 2 | - | | | | 2 | 3 | - 14 - 14 | ~ | : | 1 | 11 | 2 | 11 | 11 | | - | - | |
| 1 | WIT A 1 | • | vaet X | 8-0-05 | 8-25-38 | A-13-06 | 81-35-18 | 26-22-23 | 06-87-68 | 21 | 2012-00 | 10-10-14 | W-11-20 | 94-25-11 | 08-18-9L | | QC-1-2-93 | 8-19-18 | 39-29-12 | 81.33 D | 69-3448 | 39.49.49 | 59-51-30 | 70-3542 | 365640 | 94272 | 92264 | 12-10-50 | 3 |
| | 2000 | | 102 | 61.46 | 25.90 | 1321/8 | 195.32 | 07.762 | 291.36 | 20904 | 19242 | Sarar | 254.30 | 252. P | 20348 | 194.52 | 185.74 | 179.34 | QTILI | 134.00 | 131,75 | 86.36 | 80,94 | 34.02 | 128 | 11.66 | 71.52 | 41.05 | |
| : | | <u>118</u> | 15 × 20 | 130-18 | 13-47-42 | 14-12-51 | 16-6-30 | ちょう | 145-04 | 19-19-64 | BALEO | | an-to-L | 0-27-10 | 124-9 | 2-0-5 | 1-56-42 | 74-59-42 | 76-4-42 | 76-09-12 | 15.5BUD | 14-01-20 | 34-31-18 | 166-33-04 | 9-53-0b | 4-26-48 | 90-11-0 | 342.06 | |

11

د محمد دا منه <u>محمد</u> نال او پانوست. به بد و معدود

Jan. 05 2004 11:38AM P8

ι

| | ******* | | | | | . > := t · = = | 1 | · · · · · · · · · · · · · · · · · · · | • • | | | | . , | | | | | | | | | | | 1 | 1 | <u>ا ،</u> | المعسطين | |
|--|---------|----------------------------|-------------------------|--------------------------|----------------------------|--------------------------|--------------------------|---------------------------------------|----------------------|------------------------|---------------------------------|---------------------------|-------------------------------|---------------------------|--------------------------|---------------------------------|-----------|----------|---------------------------------|-----------------------------------|----------------------|--------------------------------|-----------------------|-------------------------------|-------------------------------|-------------------------------|----------|----------|
| 1-13-13 85 AT | Lendics | FL bot | BLDFCAR | PATMONE | LP . | HYD | GU | Eleven | , e 1 e | 60 | 11 | ELEUMA | w C | ELEL. Pr. | 50 | ELEUTA | 6-1 | n | J | 1 | * | ELELAN | EV | Com | | | | |
| rte li | Fruit | 340 | 341 | 3.47 | 343 | 344 | 345 | 346 | 347 | 346 | 5552 | 350 | 152 | 352 | 353 | 354 | 355 | 356 | 357 | 353 | 351 | 360 | 36/ | 362 | 363 | | | : |
| 157 pre s | Lal. | 8.4 | ١ | 470 | 11 | 11 | 1- | ۶ L | . 11 | . 11 | 242 | 6 3 | 13 | 77 | н | 2 | | " | 4,70 | ¢ | | : | 2 | | " | | | · · . |
| 1 'LS 70 | VetA | 80-57-18 | 08-55-12 | 81-95-98 | 89-27-06 | 89-45-34 | -12-10-10 | BACKIL | 21-10-60 | 06-52-00 | V-75-LB | 87-36-42 | 87-4-46 | 07-40-36 | 87-44-14 | 21-4-10 | 81-49-18 | 88-02-00 | 10 - 40 - 54 | 10-10-96 | 8-5-19 | BP-22-98 | 88-4014 | 24-8-47 | 88-91-48 | | | |
| 9 | Jist . | (B'B) | 1660 | 98.98 | BLOG | 1/3.00 | 113,26 | 123.50 | ונינטר | 02.921 | 121.02 | 164.40 | 167.44 | 169.00 | 102.36 | 191.74 | 191.60 | 247,66 | 233,76 | 1114 | 42.691 | 191.86 | (N. CP) | 17214 | 11.04 | 16.1.01 | | |
| . 611 | Hut | 8449 | 11-2-2-2-2-2- | 209-31-30 | 294-57-10h | 12-36-49 | 6-12-51 | 89-35-60 | \$22-2436 | 81-52-42 | net-rae | 3340530 | 0-24-10 | 01-02-728 | 39-02-42 | 01-02-565 | 336-67-92 | 405948 | 0-22-625 | 358-19-36 | 25845-06 | | 259-25-30 | | | 10-1 FI (X | | |
| | | יסן י | | | | - e1 | н (л) | | | , | | | | | n1 | ••• | ` | | ŀ | | · · · | · . | | | | · | | • |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | • | | | | • | | | | | | | | |
| 6-22-21 50 50 | | EMPLKS | MM | FU - | MM | C.V | = | // | | | tea PM | 64 | zec m | in . | 51 | ELELIM | #6 | Q-22-71 | 5.21 | MAT APIL#6 | | 2年、まちくまで | 7 7 | 56-9 | 56-10 | FC bot | * | · 1 |
| 12-12-05 200 200 | | PTIND, LEMPLKS | 325 MW | 324 64 | 325 MW | 326 64 | 327 " | 326 " | 329 | 330 ' | 33/ Elechim | 332 GU | 333 BLEC PM | 334 WV | 335 GV | 336 ELEUM | 6 #6 | CA-52-2 | #6 12:5.21 | 6 MAT 24146 | | 2年至至 2 | | 337 569 | 338 56-10 | 339 FC but | | <u>)</u> |
| 152 12-22-00 12-22-00 12-22-00 12-22-00 12-20-000 12-20-0000 12-20-000 12-20-000 12-20-000 12-20-000 12-20-000 12-20-000 12-20-000 12-20-000 12-20-000 12-20-000 12-20-000 12-0000 12-0000 12-0000 12-0000 12-0000 12-0000 12-0000 12-0000 12-0000 12-0000 12-00000 12-00000 12-0000000000 | | fix Flinds, LEMINUS | 8,40 325 MW | " 32 A 6V | 4.70 325 MW | 1 326 GV | 8.46 327 " | 470 328 " | 379 | 330 '' | 4,70 33/ BER.PM | 11 332 GU | 11 333 BELPH | " 334 WV | " 335 GV | 8 Ab 336 ELECTM | - b #6 | CO-52-72 | Build whith 6 HILESIL | 4.70 6 MAT APPICH6 | | 4.96 Z MANNATZ | | 8.46 337 56-9 | 4.70 338 56.10 | 8.46 339 FC bot | | |
| 12-12-10 - 12-17-10 - 12-12-10 - 12-12-10 - 12-10-10-10-10-10-10-10-10-10-10-10-10-10- | | vert for Plind, Lembers | W-31-20 8, 76 3225 MW | K-4-30 " 32 4 6V | 84-52-48 4,70 325 mw | M-45-24 1 326 6-V | 10-3630 8.4c 327 " | 89-24-54 4.70 32.8 " | 9421-41 1, 329 | 84-63-48 - 33p " | 09-11-40 4,10 33/ BECAM | 9945-12 1' 332 GU | egyber 11 333 beer Pm | 09-7-06 " 334 WV | 89-10-8 11 335 GV | EB-14-18 BAB 336 ELECTAN | - b #6 | CO-C2-D | MUTI. 48 MAC. MILT 6 HITS.21 | 88-98-00 4.70 6 MAT APPILA6 | 271.07-00 1' " '' '' | 24 min 2 927 8-8-86 | 270-36-30 " (' '' '' | 08-04-36 9.46 337 56-9 | 8745-2 4.70 338 SEID | 99-101-14 8-46 339 FC bot | | |
| 40m ST.Y. 15the Site 1272-19 | | Dist vert by Philo Lennels | 4131 W-436 8,46 3223 MW | 43.04 18:04-30 1 32 4 6V | 46.16 84-52-40 4,70 325 mw | 52.07 91-45-24 11 326 GV | 72.10 36-3630 8.46 327 " | 96,14 89-24-54 4,70 328 11 | 12436 8421-92 11 379 | 191.40 84-63-40 330 "1 | 160,78 89-17-48 4,70 33/ BER PM | 181,76 89-15-12 11 332 GU | 184.44 89-16-12 11 333 AREC M | 189,36 89-17-06 " 334 411 | 212,16 89-10-8. " 335 GV | 225,60 08-14-10 8.46 336 ELELAN | D - 6 #6 | CO-C2-2 | NC MALANTTI 4 MAG WALT 6 HIZSIL | 2.5891 38-48-00 4.70 6 MAT APPL#6 | 1 271.67-30 1' '' '' | 325.195 39-19-36 4.96 Z MANNIE | 11 Z70-36-30 // // // | 190.40 08-06-36 9.46 337 56-9 | 325,12 8745-22 4.70 338 56-10 | 148.36 Ban-24 8.46 339 Fc bot | | |

FROM :

FAX NO. :

· . · ·

Jan. 05 2004 11:39AM P9

r

ŧ

:

| · · · · server | | | | | | | | | | ••• | ı | 1 | ı | ı | I | 1 | 1 | . I, | | ł | 1 | | | | | | Ì |
|---------------------------|--------|-----------------------------|--------------------------------|---------------------------|------------------------|-------------------------|--------------------------|--------------------------|----------------------------|------------------------------|-----------------------------|--------------------------|-------------------------------|--------------------------|-----------------------------|---------------------------|-----------------------------|--------------------|----------------------------|------------------------|---------------------------|--------------------------|-----------------------------|--------------------------|-------------------------|------------------------------|------------|
| いたい | Ì | temPUS | EC MT | 2 -1 | 11 11 | 11 11 | и и | V 17 | 2 2 | יו ני | × . × | 11 FL | A (/ | | | 1 2 | R | 1 1 | ~ ~ | 2 2 | | 2 | <u>C</u> N | : | ELECAN | 2 | i : |
| あ | | PT.40. | 368 1 | 369 | 390 | 39/ | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | la j | AN | 403 | 404 | 407 | 406 | tur | 404 | 409 | 410 | 4 | · · · |
| IT AVE SI | | 20d - | 470 | | 1. | # | 3.40 | 4.70 | 846 | 4.70 | - | 2 | 11 | | ۱ د | ۲ ۲ | . [1 | 1 | 8.46 | ~ | - | Z | 4-10 | 11 | Ĥ | ~ | • • |
| すたいす | | ments 1 | 05-4-4 | 7-21-06 | 421-54 | 89-21-36 | 05-05-80 | 39-21-00 | 8-96-36 | 84-4-49 | 94-39-40 | 34-35-74 | 00-15-68 | 84-27-54 | 14-82-66 | \$4-25-54 | ۲ | 87-24k | 89-01-00 | 89-02-54 | GF-02-18 | 09-09-00 | 08-16-00 | 57-68 | 49-19-W | 99-16-14 | (8) |
| . | | Det V | 15.49 8 | 121091 | 3 26012 | 262.94 | 3/3,56 8 | 362.10 6 | 41.07 18 | 23,52 | 13.63 6 | 92'111 | 2/8/32 | 270.94 | 326.36 | 389.44 | 44.16 | 19705 | 578.72 | 24922 | 642.90 | 664.82 | 368 <i>4</i> 0 | 325,20 | 26212 | 302-68 | |
| | 111.13 | hed 1 | 133-00 / | (10-02- | 1-32-00 | 12-48 | 36-42 | -29-42 | FOOL ' | HT-IL 6 | 39.42 | 24-47-1 | 848 | 47-18 | 42.45 | 43-54 | 81-05-6 | 6-21-90 | Ť | H | 5-51-42 | 90-25-81 | 13-09-7 | 14-02-13 | 0-1-1-1 | 45.05-1 | • |
| | | -> : | , , , | 7 | 1 R | 6 | | 63 | 3 5 | 6 () () | හ | 180 | 6 | 69 | | 6 | 6 | (| , | 1 | E0 | 00 | 1 0 | ין י ≥ | | <u>a</u> 6 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | - | | | <u></u> | | ~ - | | | ، 14 جان کیست وہ | | | | • ••••• | | | |
| 27.05 | ¥ | leader's | UELPM | FPM | | JEL PA | 30 | 17 | SPAN | R.DV CAR | rt 11 | 044 | 51 de car | * 11 | | | | | | 1 11 | 11 11 | " " | 61 V/ | H 1' | ии | R B | |
| 872-11 20 | 4 | PT.W. REMARKS | 364 ELELAM | 365 6Pm | 346 '' | 367 ELELPA | 368 730 | 369 11 | 370 SMH | 371 BLOGOR | 372 | 373 440 | 374 BUDGER | 375 11 4 | 376 - " | 377 # 1' | 576 11 % | 37 " " | 300 11 1. | 361 4 4 | 392 11 " | 363 " " | 3.84 11 11 | 385 11 1 | 3.66 H M | 387 12 201 | - |
| T.M.C. 12-13-15 | 4 | of Pr.W. Renders | 17) 364 ELELPM | 1 365 6Pm | 1 346 1 | " 367 Elec Pr | 368 738 | 1 369 LI | 11 370 SMH | 1 371 RUDOCHE | 11 372 il " | 373 440 | 1 374 bibled | " 37 <u>5 "' *</u> | - 376 * " | 377 # 1 | 3,46 376 | 11 37 11 1. | · 320 11 ··· | - 3/ 4 " | - 382 11 " | - 383 " " | 3.94 a 11 | 385 " - | 30b H M | 4.70 387 12 201 | |
| 57. 4. 151 AVE. 12-13-18 | A | set a lad Pr. N. Renall's | 4-46 4.70 367 ELELDA | 99-92 11 365 6Pm | Al-18 11 366 11 | -36-30 " 367 ELEL PA | 190-30 11 368 73P | 10-72 1' 369 LI | 422-10 11 370 SMH | -20-00 11 371 RUDICOR | 11 372 il " | 130-00 ** 373 490 | 19-10 11 374 BUDLAL | 1, 375 11× | -29-24 - 376 - " | 1-51-36 - 3-27 # 1' | 3.13.12 8.46 376 " " | 122.30 11 377 " | 6.39-30 " 320 " '' | 393.7 - 3.61 H 4. | 1 1 28 - 282 11 11 | 5412 - 383 " 1' | 8-40-30 - 3.84 41 11 | 1418 385 "1 1' | 64.4 J356 11 N | M-11-18 4.70 387 FC CDT | |
| 90257 + 152 AVE. 12-13-18 | A | ist vote led Pr. N. Renders | 7726 08 44-06 4.71) 367 ELELDA | 15,70 38-99-42 11 365 6Pm | 13.56 99-44-49 " 366 " | 478 843830 " 347 ELELPA | 98,70 8848-30 1' 368 73P | 11.56 91-40-72 1' 369 1' | 11.76 89-22-18 11 3.70 SMH | 41,12 9+20-00 11 371 RUDICOR | 1, 1, 272 11 W-12-49 10, 11 | 7,66 69.35-00 ** 373 490 | 40,9,0 89,19,00 11 374 BUDGAL | 2000 09-4-10 1' 375 1' ~ | 1, 1, 40 B1-29-24 - 376 - " | 91,57 87-51-36 - 377 " '' | 15.76 69-13-12 8.46 376 "." | 6474 882230 " 37 " | 13.44 6.6.39-30 " 3.60 " ' | 13.04 8843.12 - 3.91 H | 12,74 6894-20 - 3.92 11 " | 37.13 5 4-12 - 3.63 " 11 | 71.96 29-40-30 - 3.94 41 11 | 32.32 81 14.18 385 11 1' | 27 25 06-45-46 3366 H M | 6,24 BA12-18 4.70 387 FC EDT | |

FROM :

.

.

; .

FAX NO. :

Jan. 05 2004 11:39AM P10

| FROM : | | | | | | ." | | | Ff | 4 XF | 10. | : | | | | | | | Jan | . Ø | 52 | 204 | 11: | 40f | Mr | P11 | | •; |
|--------|--------------|---------|----------|----------|-------------|------------|----------|-----------|----------|-----------|-----------|----------|-----------|-----------|----------|------------|-----------|----------|-----------|---------|----------|---|------------|-----------|------------|----------------|--|-----------|
| | 12-23-03 | Land MS | Sb- 14 | BLANCHC | 11 11 | 2 2 | rt 11 . | 11 × | ע ו/ | 11 | 2 | -: | ~ ~ | 1 11 | И И | <i>τ ι</i> | FL-Bot | ele In | EV. | LP | HYD | c.pm | WV | R | tlech | H 4 | bd ^a b in ₁₆ | ** ** |
| • | 24/5 | PT.LO. | 474 | 430 | 431 | 437 | 433 | 432 | 435 | 436 | 477 | 438 | 439 | 440 | 441 | 447 | 443 | 44 | HKT | 446 | 447 | 40 | 449 | 450 | 451 | 452 | | - |
| | ▲ 65.46 | eat | £,70 | 0.46 | 1 | 8.46 | 4.70 | Ħ |)1 | l | 8,46 | 11 | ١ | 8.45 |)ł | 7 | 4.70 | • | N | £1 | rl | 2 | 1 | 11 | 11 | ۱ ^ل | | _ |
| | 90 to Cl. | 24.200 | 90 49 18 | 09-19-W | 0414 | 31-44-36 | 9H9-24 | 59-07-69 | 00-SE-60 | 01-44-10 | 81-44-18 | 10-8-19 | 88-13-48 | 89-19-00 | 09-42-0 | 08-37-18 | CA-55-06 | 905040 | 91-16-00 | 91-2616 | 91-55-3 | 91-36-97 | 92-58-43 | 96-02-06 | \$-53-24 | degens | (92) |) |
| | | 0151 | 128.30 | 114.00 | 75,50 | 21/15 | 2652 | 2272 | 72522 | 100,60 | 12536 | 150.32 | 114.76 | 195,26 | 29522 | ar.885 | 78.60 | 05'05 | 67,78 | SDilt | 28.00 | 20174 | ariri | 5110 | 14,70 | 30,40 | | _ |
| | 6/11 | HORK | 59-10-92 | 35-314 | 353-10-54 | 351-35-055 | 34-40-45 | 00-20-961 | R5-4-34 | 183-31-31 | 192-41-00 | 1-00-24/ | 02-44-181 | 181-31-12 | 1804742 | 16-49-191 | 199-13-12 | 1-03-12 | 14148 | 2-52-00 | 636.45 | 11-10-54 | 9-11-92 | 90-11-551 | 01-12-011 | 173-45-46 | | |
| : · · | . . . | | , •1 | · | ng 94 jan ' | ۰, | لب | | | - | • | | • | | | | | ب | , , | | | | | * 1(1) 14 | | | | |
| | 12-23-51 | 44 | enths | <i>H</i> | = | ~ | ~ | _ | | ura Pr. | K. | * | 0 | R | , | 2 | W | <i>μ</i> | # 2 | · | 5w | 1-2-14-14-14-14-14-14-14-14-14-14-14-14-14- | 1 4 | MAL-UNIE | H 1(| SUNZ | 51-13 | |
| | she. | | Pt. 10. | 41-14 | <u>47</u> 3 | 414 | 45 | 416 | 47 | 418 E | 419 | 420 | 41 | 411 | 674 | 九年 | 415 | 474 | 2 | | ATH. 1 | ~ | 17 | С | 1, | 427 | 418 | · |
| X. | , supple, | | ead . | 4.70 | = | | = | 6.46 | ,, | 470 | | - | 11 | 5 | 5 | и | H | ĸ | | | ntr weil | 496 | × | 4,70 | , | 1) | 1 | |
| | 11 Str 4 | | verts | 89-15-40 | OP TA | 09-15-24 | 69-17-30 | 05-91-83 | 85-14-30 | ar-11-68 | | 81-1-18 | BARAL | 24-11-42 | 84-99-9B | 88-58-30 | JH87-66 | 89-29-46 |) | | LAT OB | 90-40-30 | 24-4-4 | 91-15-IC | 05.18.11.Z | 89-35-A | 92-13-36 | E |
| | | | INST | 29416 | 72,082 | 260.00 | 21498 | 2122 | 80112 | 110.2B | 167.72 | 166.78 | 102.08 | 153.24 | 127,84 | 75,92 | 39,64 | QL.101 |) @ | | MANAM | 365.20 | ĺt | 380.695 | 11 | 153.94 | 60-21 | · |
| | | 1113 | HAZ H | 01-35-24 | 21-22-10 | 8-4-49 | 79-05-00 | 78-22-10 | 42-12-96 | 764224 | 76-23-48 | 40-90-91 | 76-01-36 | 74-31-24 | 71-55-36 | 36-35-36 | 90-03-48 | 81-00-18 | 269-39-20 | | Ж | 0-61-0 | 1 30-10-01 | 178-57-48 | 350-57-40 | 177-07-26 | 169-27-48. | |

| · · · | | | | | | | • | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------|---|---------------------------------|---------------------------|----------------------------|--------------------------------|-----------------------------|------------------------------|----------------------------|----------------------------------|----------------------------------|--------------------------|---|-----------|------------------------------------|-----------------------------------|--------------------------------|------------------|-------------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------|-----------|
| 12-12-12 25-12 | Low of KS | | DLAD CUR | " " | 11 4 | 11 11 | FL 801 | пц | 11 11 | 14 ef | | J N 1/5 | BLDG GAR | RC BUT 16 | 11 11 PC | 2) > > | <u>к •{</u> | и н | P | Bech | 1150 | ELEUM | PU | = | EPM | PAY PHULE | |
| 2 | 11.10. | 11. NU: | 470 | 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479. | 480 | 401 | 402 | 463 | 454 | 425 | 486 | 457 | 448 | 489 | 490 | 491 | CP4 | 443 | |
| STAVESM | - Pro | | 8.% | 1 | | 1 | 9.46 | ٦ſ | 7 | 11 | 1, | ਬ | ٦, | 4.70 | 2 | در | 11 | 8 & | 4.70 | N | 11 | 11 | 11 | 9 & | 7 | 12 | |
| 1+15- | XFRAL | 4444 | ATUCAN I | 66-13-00 | 90-5-16 | 9945-00 | 90-36-24 | 90-25-06 | 0-00-06 | 90-05-00 | 01-55-06 | 39-4-14 | 24-36-12 | 91-39-30 | 7-9-24 | 91-25-06 | 90-20-0F | 80-49-A | 90-00-36 | 90-07-30 | 91-11-36 | 90-11-09 | P10-16-40 | 88-40-R | 83-1-00 | 89-08-42 | (|
| 8 | t | 1510 | 122.50 | 108-74 | 136. A | 1.1.94 | 103.44 | 130,32 | 263.60 | 2-16.60 | 174,22 | 131,92 | 148.76 | 01-101 | 75.96 | 99.54 | 132.0 | 761U | 163.00 | 1 1,000 | 1-99.60 | 1972 | 141,10 | 129.30 | 16.74 | 104-78 | , |
| { | | | Ŗ | 200 | 4-R | 4-24 | 23-R. | 6-40 | \$-30 | 3-00 | 94 1 9 | 342 | 5-92 | 382 | 53.00 | P. 4. | 0-22-0 | 1-3740) | 7-38-24 | 11 | 4-36-18 | レーロー | 0448 | 45-15-1 | -33-J | ₩-44 | |
| 8/// | | ANH | 31-43 | 075 | 34-1 | 330-1 | 225 | 5.0.5 | 9-2 | Fal | 12 | ا م 19 | 1 9 1 | 3 | び | 6 | ́Ю́ | 60 | 5 | | հ | U S | 5 | 4 | 42 | ž | |
| b /// | | AWA | 31-42 | 042 | 324-1 | 330-2 | 325 | 345 | 9.2 | 1-01 | 12 | 16-4 | 191 | 2 | 22 | હ | 5 | 61 | | | קון | V | 51 | 4 | 42 | 34 | |
| \$ // | | HIM | 31-42 | 012 | 34-1 | 2-025 | 375 | 311-5 | 2-8 | 1-a/ | 2 | 164 | 181 | 2 | | 5 | 0 | 64 | | | אן ייי | 5 | 5 | Ą | 47 | 34 | |
| 27-02 26 26 26 26 20 20 20 20 20 20 20 20 20 20 20 20 20 | 0 111 | Hills | WW 37-42 | 21 | <i>u</i> 314-1 | رر <u>33</u> 0.7 | Eleth 325 | 64 345 | K 8-2 | ELEC M (IN- | N 11 | 1140 164 | MAD WALL#1 19-1 | 2 | 27 | 24mmm | 1. K | HANNELLE (1) | 1 1 2 | 5615 | St-11 5 | 56-17 S | BLOGCIAL | * * | 1 1 1 | 11 11 34 | |
| 110 113.00 M | Oris Banklis | Piton Pantone | 455 414 31 43 | 454 GV 270 | 455 " 34-1 | 436 11 333/2 | 457 ELECAM 325- | 450 64 345 | 459 × 8-2 | 40) ELEC M (10-1 | 4P/ 4 11 12-3 | 4.62 HYB 164 | 1 ARD-WAIL#1 19-1 | -02 | HT= SL7 23 | 24-111-12 | در <u>م</u> | Harman that | 2 | 463 56-15 | 44 St-11 5 | 465 S6-17 S | 446 BUDG (BU S) | 467 " " | 469 1 1 42 | 464 11 1 34 | |
| 15T AVESTRE REZARD | e. Dr. Danelles | 1. Carl Ferning | 470 455 WV 31-43 | 11 454 GV 27-0 | V ATS V 34-1 | 11 436 11 330-2 | " #57 ELELPH 325- | 846 953 64 345 | 11 454 × 8-2 | " 460 EEE A 101 | 11 del a 11 | - 462 HYB 64 | 1 [] [] [] [] [] [] [] [] [] [] [] [] [] | -02 | unt#2 HIT= 5127 23 | 12 24-11 - 2 96-5 | · · · · | 470 KANANCHA | 2 | B,46 463 56-15 | 11 44 St-U 5 | 4.70 465 S6-17 59 | 11 446 BLOG (BL | 4 467 " " A | 1 268 1 1 42 | - 469 11 11 34 | |
| WESTA 15TAVESTE RESAR | interty and or a barrell's | | TURY-36 470 455 WV 33-43 | 09.40 11 454 GV 270 | 814-54 V 455 V 34-1 | 86-40-00 1, 42° 1, 330-3 | 11 11 457 ELELAN 325- | 18-21-36 8.46 9.53 EV 34-5 | 823-30 11 454 × 8-2 | 882000 " 460 ELEC / 10-1 | 88-21-48 11 4-11 x 11 12-3 | 88-34-U - 14-10 - 14-86 | 19-7 19-7 | -02 | 3 \$\$\$ MAYMANC#2 HIT = \$157 23 | 12 | 269-08-00 - 11 11 " | 470 KANANCHA | 5 | 90-27-30 8,46 463 56-15 | 90-11-14 11 414 St-11 5 | 90-35-00 4.70 465 S6-17 59 | 89-3348 11 466 BLOG (BL | 81-51-30 n 467 " " F | 9H729 4 468 4 1 | Brezer - 469 11 4 34 | |
| arts 157 hesre nerro | net net out or a boundlys | UNSI: VIII - VIII - VIII - VIII - VIII - VIII | 41.90 4104-36 470 455 400 33-43 | 71,52 09.40 11 454 GV 270 | 12.26 81 4-54 V 455 V 34-1 | 148.69 69-40-06 11 436 11 3303 | 145.90 " " " 457 ELELAN 325 | 173,04 08-24-36 8.46 9.53 64 | mist cets-30 11 454 x 8-23 | 16328 BB-20-20 " 460 ELEC / 10-1 | 180,32 98-27-78 11 961 1 11 12-3 | 19 04H 296 _ 248 - 55022 | D 1 142 mant#1 192 | -02 | HANAL井3 \$6 MAYNANT井2 HIT= 5127 23 | 360/70 90-97-06 4.96 2 Min with 2 | 11 2.69-08-00 × 11 11 11 11 15 | 470 KANARCHIE EN | 5 | 109.00 70-27-30 6,46 463 56-15 | 250.22 90-11-11 11 44 St-11 5 | 125.00 90-35-00 4.70 465 56-17 | 725.42 89-3348 11 446 BLOG (BL | 16 4.32 89-5134 11 467 " " | 1.45.61 911259 11 468 11 1 | 129.96 8223-16 - 464 11 4 | |

FROM :

FAX NO. :

Jan. 05 2004 11:40AM P12

;

ł

| | | | | | 1 44 (1.) mga | | | | | | | | | L | · | | | 6 | ••• | · · · | •,··* | | ··· | i | | · . | | |
|---------------------------------------|-----------|--|---------|------------------|---------------|----------|-----------|-----------|---------------|----------|----------|--|-----------|----------|-------------|----------|----------|----------|----------|------------|-----------|----------|-----------|-----------|----------|----------|------------|-------------|
| · · · · · · · · · · · · · · · · · · · | 200 | Lempers | FEATPO | k u Doc | Mun | 11 H | rl 1 | R II PC | ь « МС | Hur | 11 15 | A. I(| st) | 11. JC | #2 | | 67 | MAUNE | ÷ ; | 56-3 | DUN- POS | 26 | 17 CK | FLANTA | K X | 56-16 | y., | 3 1. |
| • | v | Mass. | S70 | 579 | 520 | 521 | 522 | 573 | 224 | 525 | 576 | 527 | 525 | 529 | 2 | | N==H | ს | 17 | 530 | 531 | 755 | 533 | 534 | 535 | ß | | , - |
| | ST AVE | | 4.70 | 11 | = | μ | () | 5 | •ر | = | 2 | . 11 | Bith 1 | " | | | ケルベレポン | 4,70) | ¥ | 546 | 470 | 11 | 2 | 11 | 11 | 11 | | i |
| | 1+12+1 | LALAN | 1-1-1-4 | 121-12 | 24945 | 15-130 | 6-40-10) | 42734 | 2113 | 81-80-16 | 81-1-14 | 20-20-20-20-20-20-20-20-20-20-20-20-20-2 | 12-9-2-86 | 90-12-80 | | | MM SX1 | 10-38-18 | 2-91-672 | 89-43-92 | 86 2506 | 88-32-48 | 64-29-26 | UC-21-20 | ee-scar | 9HP1A | (F2) |) |
| | 8 | 0.1 | Lest a | 22-16 9 | 1.42 9 | 16,94 8 | 29 87 | 271,576 A | 47.70 9 | 5418 | 144 9 | 104-10 | 207.98 | 25(36 | 5 | | る社します | 299.75 | h | 160.52 | 23.50 | 07.05 | 7492 | 44.60 | 93,64 | 6612 | | _ |
| | 8/// | Und X | TAL STA | L04-74 | 141476 | 14-56-12 | 114-55-11 | 0.00-01 | 21-85-19 | PH-CAPIL | 1+5724 0 | 81-20-08 | GURN 1 | PANA B |) du-un-08/ | | TOMAC | ard o | W-W-Nal | 14-40-54 | 70-3740 | 75-05-10 | 78-30-36 | 9534-42 | 93-19-20 | 2743-42 | | - |
| , -· | · · · · · | | | ¹ * • | | | `·,/ | , | | _ | | | | | | | | ' | | | | | • | | . ` | | | |
| | 50 50 | 4.0 | Lanke | 1AP Mare | ele m | 750 | WV. | EN | * | LP LP | GU | u v | 51. | W | J.V | | 2 | > | 151 | ELECPM | 11 11 | EV | Electr | CN | 11 | FC BUT | × 1 | ····· |
| | sne | and of the second s | Pt.w. | 494 | 48S | A96 | 497 | 446 | 499 | Sav | 501 | SOL | 513 | 504 | SOS | 506 . | 507 | 9as | 509 | 210 | SII | 572 | 513 | 574 | 515 | 576 | SIT | |
| · | + 90m 57. | | end | 6.46 | 4.70 | 11 | 11 | 71 | 11 | 1 | 9.46 | 2 | - 3 | - | 7 | н | * | 11 | 1 | | 11 | 11 | 11 | 11 | 14 | 4,70 | 1 . | |
| • | 15T. N.C. | | 101th | PR-10-12 | 91-25-10 | 91-24-00 | 90-4536 | arre a | 2-4-1- | 24-53-42 | PP-SBAL | BP-59-18 | 20-09-18 | 89-58-24 | 09-58-48 | AC-95-68 | 3 | 90-24-68 | B-44-36 | 96-11-36 | 904-14 | 05-02-06 | 902AR | 90-32-1B | 8-1-36 | 91-93-10 | 94-04-30 | Ð |
| · · · | | | איז | 10 4.00 | 100.42 | 101,10 | 36232 | 334.50 | 321.32 | 264.30 | 236,37 | 235.42 | 00,125 | 231,60 | 224.28 | 210.64 | 206,00 | 193,04 | 81.52 | 73,58 | 94.50 | 99.1J | 104.08 | 116,36 | 137.48 | 98,26 | 54:20 | |
| | | 6111 | they | 32550-18 | 3411-29 | 20-51-4A | 6-38-10 | Q1-02-L | 7242-6 | 8-50-18 | 10-0-42 | 1-2-0 | 9-59-12 | 96-91-01 | 11-26-01 | 24-50-11 | 04-22-11 | 16-24-06 | 35-4-18 | 05-012-356 | 334-53-00 | DEPSACE | ST4-29-30 | 3.9-51-00 | 30-21-42 | 19571.92 | 06-85-892 | . vi z |

FROM : 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -

FAX NO. :

Jan. 05 2004 11:41AM P13

;

| FROM : | | | | | | | | Ff | 9X N | 10. | : | | | | | | | Jan | . 05 | 20 | 04 | 11: | 41F | M I | P14 | ······ ·., | |
|---------------|---|----------|-----------|--------------|--|--------------|-----------|-----------|-----------|------------|----------|-----------|----------|-----------|------------|-----------|-----------|----------|---------|----|--------|------------|------------|-----------------------|-----------|------------|------------------|
| Mar and South | ruzzers Af Aeyaarku | | #2 | 1 | # 41 | H | | | | | | | | | | | | | | • | | | | | | | - - |
| • | hrid | Sill | 2 | : | 4: | | | | | | | | | | | | | | | | | | | | . | | |
| | e.d | W.C. | 4.96 | 1 1 | 4,70 | - | | | | | | | | | | | | | | | | . | | | | | , |
| | vert 4 | b/ #2 | 90-40-06 | -90-672 | 2-22-63 | HILD | | | | | | | | | | | | | | | | | | | | 30 | |
| | oust - | 043 | 300695 | 7. | 19.C | 3 | | | | | | | | | | | | | | | | | | | | | , ; ; 1 |
| | Мед | × | 0-00-0 | (mor 10-m) | 1-46-06 | 251-46-06 | | | | | | | | | | | | | | | | | | | | | |
| | . | | · · | | - | بعرا س ۲۰ | | • | <u> </u> | | | | v | | | | | ' | | | • | | ·· • • | | | | ż |
| | 202 202 202 202 202 202 202 202 202 202 | emAUS | 2001 | LAF CUN | 11 7 | in. | reum | EN- | 2 | uer In | 151 | EL-BAT MC | 4 2 2 | 7 2 | ۲ <i>۱</i> | 111 60 | 11 11 PDC | u 4 P1 | 5 2 | | , | #3 | 2 | #S | , 1 | | · · · · |
| | | 4. 40. L | 537 6 | 538 1 | 539 | 520 6 | 574 15 | SAL | 593 | 544 6 | 535 | 546 | 145 | 5713 | 544 | 530 | ES | 225 | 523 | | | 6 | | 6 | = | | |
| | vesite. | | 1, 10 | | | 11 | | = | | 1 | 2 | . 11 | X | | ~ | ų | | ۲ | 846 | | 5,28 | 470 | | 4,70 | 7 | | |
| , , | 151+2 | 14700 | 1 07.70 4 | 12172 | 0-21-12- | 4-12-1 | 1-23-36 | 1-1834 | 29400 | 1-36-06 | dE-81-11 | 32-1-36 | ee-54c4 | 07-51-96 | 87-98-W | 86-4-18 | 05-11-60 | B1-00-42 | BUSAR | , | 3 HIC | ar4-16 | 844-892 | 90-36-36 | 1241-192 | | 53 |
| | :06 | - | 121 IS | 1-10 -1 | He TU | 9.44 9 | 90.9.4 9 | 6 7.6% | 41.70 9 | 44.70 9 | 9,50 9 | 67.40 6 | 01.17 | 131.12 | 129.44 | 04.54 | 25.5 | -78.64 | 109.58 | | #4 453 | 27814 | 11 | 249,735 | 11 | | |
| | | A // | HOLA V | 19 44-05-297 | 2 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 0 90-01-262 | 10-05-012 | JAR. 11.1 | TIAJAJA 4 | 48-52-81 | 717-411 | 10,00-74 | arturbu | 190-04-47 | Q-5E-711 | 15.431.30 | - BALLA | 1195-001 | 1262648 | | AC | 00-01- | U Marthand | 1157-14-10 | 287-13-48 | | |
| | | | | | al 11 minutes | • | : | ; | | ` <u> </u> | | | | | .* | | <u>-</u> | • | | | | | | F K 1 F | * | | |



13n. 05 2004 11:41AM P15

: .ON XA7

: Моят

2ND AVE



1911 02 5004 11:458W LIE

: 'ON XUJ

: MOA7









ATTACHMENT D

SURVEY DRAWING



| | LEGEND |
|------------------------|--|
| SG-4 O 36.07 | SOIL GAS POINT (WITH GROUND ELEVATION) |
| MW 🗢 | MONITORING WELL |
| SMH O | SEWER MANHOLE |
| ₩∨ ⊗ | WATER VALVE |
| HYD Q | HYDRANT |
| GV 😣 | GAS VALVE |
| GPM + | GAS PAINT MARK |
| EPM + | ELECTRIC PAINT MARK |
| TSP 🗖 | TRAFFIC SIGNAL POLE |
| Ŀ₽☆ | LIGHT POLE |
| [777] | GARBAGE BIN |
| | EDGE OF BUILDING (WITH ADDRESS SHOWN) |
| - +- +- +- | WIRE FENCE |
| | EDGE OF PAVEMENT |
| | CONCRETE CURB (WITH BOTTOM OF CURB AT FACE ELEV) |
| * 38-24 BC | SPOT ELEVATION |

:\11173261.00000\CAD\ 1118.DWG 1=1 1/12/04-1

NOTES:

1.) DATES OF FIELD SURVEY: DECEMBER 19–23, 2003

2.) HORIZONTAL DATUM: ASSUMED

3.) VERTICAL DATUM: NAVD 88

4.) NORTH FROM MAGNETIC OBSERVATION 5.) ALL CURB ELEVATIONS LISTED ARE BOTTOM OF CURB ELEVATIONS

SCALE

50 25 0 50 FT.

